

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041221\
 Data File : VD068826.D
 Acq On : 12 Apr 2021 12:12
 Operator : VA/SY
 Sample : VD0412SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/13/2021 4:10:26 PM

Quant Time: Apr 13 01:07:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	214665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	353905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	349804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	169458	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	109516	48.27	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.54%		
35) Dibromofluoromethane	7.914	113	113811	49.44	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.88%		
50) Toluene-d8	10.338	98	464404	53.48	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.96%		
62) 4-Bromofluorobenzene	12.632	95	149533	51.85	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.70%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	47659	22.41	ug/l	99
3) Chloromethane	2.209	50	50186	20.07	ug/l	96
4) Vinyl Chloride	2.350	62	64163	20.42	ug/l	98
5) Bromomethane	2.756	94	52695	22.44	ug/l	100
6) Chloroethane	2.920	64	41115	19.92	ug/l	95
7) Trichlorofluoromethane	3.273	101	89923	24.33	ug/l	90
8) Diethyl Ether	3.709	74	22064	22.10	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.097	101	52621	23.59	ug/l	98
10) Methyl Iodide	4.303	142	48384	19.95	ug/l	99
11) Tert butyl alcohol	5.220	59	10536	65.44	ug/l #	73
12) 1,1-Dichloroethene	4.067	96	48913	22.76	ug/l	96
13) Acrolein	3.926	56	8168	91.47	ug/l	98
14) Allyl chloride	4.709	41	51291	21.18	ug/l	98
15) Acrylonitrile	5.432	53	39623	88.44	ug/l	98
16) Acetone	4.162	43	34859	110.96	ug/l	98
17) Carbon Disulfide	4.409	76	154861	22.27	ug/l	97
18) Methyl Acetate	4.709	43	17245	19.98	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	95487	20.03	ug/l	93
20) Methylene Chloride	4.962	84	59063	20.36	ug/l	93
21) trans-1,2-Dichloroethene	5.479	96	56389	20.44	ug/l	96
22) Diisopropyl ether	6.361	45	115999	19.77	ug/l	93
23) Vinyl Acetate	6.309	43	299325	96.26	ug/l	94
24) 1,1-Dichloroethane	6.261	63	90372	20.43	ug/l	99
25) 2-Butanone	7.214	43	44249	99.53	ug/l	96
26) 2,2-Dichloropropane	7.203	77	78505	21.73	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	57963	21.14	ug/l	98
28) Bromochloromethane	7.544	49	25574	16.02	ug/l	89
29) Tetrahydrofuran	7.567	42	27122	90.72	ug/l	97
30) Chloroform	7.708	83	94069	19.43	ug/l	99
31) Cyclohexane	7.985	56	70952	18.80	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	82788	19.57	ug/l	97
36) 1,1-Dichloropropene	8.108	75	78048	21.79	ug/l	99
37) Ethyl Acetate	7.297	43	20865	19.83	ug/l #	95
38) Carbon Tetrachloride	8.097	117	80466	22.69	ug/l	97
39) Methylcyclohexane	9.355	83	91564	21.92	ug/l	99
40) Benzene	8.350	78	223557	21.33	ug/l	95

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Quant Time: Apr 13 01:07:39 2021
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 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	13033	20.92	ug/l	94
42) 1,2-Dichloroethane	8.426	62	59271	21.39	ug/l	98
43) Isopropyl Acetate	8.455	43	40496	18.88	ug/l	94
44) Trichloroethene	9.108	130	65640	22.67	ug/l	93
45) 1,2-Dichloropropane	9.385	63	50247	20.07	ug/l	96
46) Dibromomethane	9.473	93	30290	21.72	ug/l	96
47) Bromodichloromethane	9.667	83	76635	21.03	ug/l	100
48) Methyl methacrylate	9.455	41	19790	18.72	ug/l	88
49) 1,4-Dioxane	9.461	88	6106	413.49	ug/l	96
51) 4-Methyl-2-Pentanone	10.226	43	108355	100.22	ug/l	96
52) Toluene	10.402	92	147654	22.25	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	65295	20.22	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	82075	21.24	ug/l	96
55) 1,1,2-Trichloroethane	10.802	97	41794	21.19	ug/l	98
56) Ethyl methacrylate	10.661	69	38454	18.94	ug/l	95
57) 1,3-Dichloropropane	10.944	76	68660	21.14	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	93257	97.41	ug/l	97
59) 2-Hexanone	10.985	43	74644	103.18	ug/l	99
60) Dibromochloromethane	11.138	129	54544	22.06	ug/l	96
61) 1,2-Dibromoethane	11.244	107	40484	21.12	ug/l	99
64) Tetrachloroethene	10.873	164	53845	21.96	ug/l	96
65) Chlorobenzene	11.667	112	160250	21.16	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.744	131	58264	21.40	ug/l	100
67) Ethyl Benzene	11.744	91	271582	20.71	ug/l	98
68) m/p-Xylenes	11.855	106	212897	42.08	ug/l	99
69) o-Xylene	12.179	106	94411	20.52	ug/l	99
70) Styrene	12.196	104	165892	20.69	ug/l	100
71) Bromoform	12.361	173	29889	20.49	ug/l #	96
73) Isopropylbenzene	12.479	105	259470	20.97	ug/l	100
74) N-amyl acetate	12.291	43	38819	18.50	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	45820	19.81	ug/l	98
76) 1,2,3-Trichloropropane	12.785	75	29468m	19.03	ug/l	
77) Bromobenzene	12.761	156	63322	21.29	ug/l	95
78) n-propylbenzene	12.820	91	317125	21.10	ug/l	98
79) 2-Chlorotoluene	12.902	91	174608	20.80	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	218906	21.16	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	12536	18.79	ug/l	90
82) 4-Chlorotoluene	13.002	91	183644	20.64	ug/l	98
83) tert-Butylbenzene	13.220	119	177872	20.26	ug/l	100
84) 1,2,4-Trimethylbenzene	13.267	105	217668	20.83	ug/l	97
85) sec-Butylbenzene	13.396	105	260515	21.03	ug/l	100
86) p-Isopropyltoluene	13.514	119	239431	21.16	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	120444	20.44	ug/l	97
88) 1,4-Dichlorobenzene	13.590	146	119333	20.46	ug/l	99
89) n-Butylbenzene	13.838	91	218257	20.48	ug/l	99
90) Hexachloroethane	14.108	117	46994	20.86	ug/l	98
91) 1,2-Dichlorobenzene	13.885	146	104278	20.45	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	6488	18.46	ug/l	98
93) 1,2,4-Trichlorobenzene	15.155	180	66799	21.17	ug/l	98
94) Hexachlorobutadiene	15.261	225	38249	21.17	ug/l	99
95) Naphthalene	15.396	128	105318	19.16	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	56612	20.51	ug/l	98

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Manual Integrations
APPROVED

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Quant Time: Apr 13 01:07:39 2021
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Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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4/13/2021 4:10:26 PM

Abundance

TIC: VD068826.D\data.ms

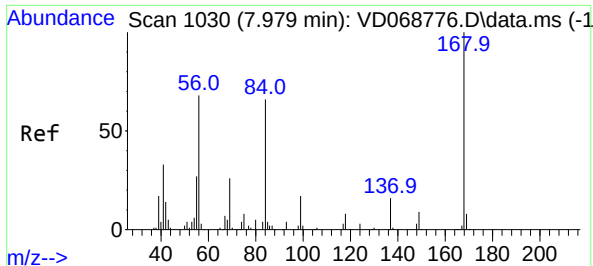
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650000
600000
550000
500000
450000
400000
350000
300000
250000
200000
150000
100000
50000
0

Peak labels (retention time, compound name):

- 2.00: Dichlorodifluoromethane, T
- 2.10: Chloromethane, P
- 2.20: Vinyl Chloride, C
- 2.80: Bromomethane, T
- 3.10: Chloroethane, T
- 3.50: Trichlorofluoromethane, T
- 3.80: Diethyl Ether, T
- 4.10: Acrolein, T
- 4.20: 1,1,2-Trichloroethane, T
- 4.30: Carbon Disulfide, T
- 4.40: Methyl iodide, T
- 4.50: Methyl acetate, T
- 4.60: Methylene Chloride, T
- 4.80: Tert butyl alcohol, T
- 5.10: Acetyl chloride, T
- 5.20: Methyl 1,2-Dichloroethyl Ether, T
- 6.30: 1,1-Dichloroethane, T
- 6.40: Isopropyl acetate, T
- 7.20: Ethyl Acetate, T
- 7.30: 2,2-Dichloropropane, T
- 7.40: Methyl 1,2-Dichloroethyl Ether, T
- 7.50: Chloroform, C
- 7.60: 1,1,1-Trichloroethane, T
- 7.70: Carbon tetrachloride, T
- 7.80: 1,2-Dichloroethane, T
- 8.10: Isopropyl acetate, T
- 8.20: Trichloroethene, TM
- 8.30: 1,4-Difluorobenzene, I
- 8.40: 2-Chloroethyl Vinyl ether, T
- 8.50: cis-1,3-Dichloropropene, T
- 8.60: 4-Methyl-2-Pentanone, T
- 8.70: Toluene, CM
- 8.80: Toluene, S
- 8.90: Ethyl 1,2-Dichloroethyl Ether, T
- 9.00: 1,2-Dichloroethane, T
- 9.10: 1,3-Dichloropropane, T
- 9.20: 1,2-Dibromobenzene, T
- 9.30: Ethyl methacrylate, T
- 9.40: 1,1,2-Trichloroethane, T
- 9.50: 1,3-Dichloropropane, T
- 9.60: Dibromochloromethane, T
- 9.70: 1,2-Dibromobenzene, T
- 9.80: Bromoacetaldehyde, T
- 9.90: trans-1,4-Dichloro-2-butene, T
- 10.00: Bromoacetaldehyde, T
- 10.10: 1,2-Dichloroethane, T
- 10.20: 1,3-Dichloropropane, T
- 10.30: 1,2-Dichloroethane, T
- 10.40: 1,3-Dichloropropane, T
- 10.50: 1,2-Dichloroethane, T
- 10.60: 1,3-Dichloropropane, T
- 10.70: 1,2-Dichloroethane, T
- 10.80: 1,3-Dichloropropane, T
- 10.90: 1,2-Dichloroethane, T
- 11.00: 1,3-Dichloropropane, T
- 11.10: 1,2-Dichloroethane, T
- 11.20: 1,3-Dichloropropane, T
- 11.30: 1,2-Dichloroethane, T
- 11.40: 1,3-Dichloropropane, T
- 11.50: 1,2-Dichloroethane, T
- 11.60: 1,3-Dichloropropane, T
- 11.70: 1,2-Dichloroethane, T
- 11.80: 1,3-Dichloropropane, T
- 11.90: 1,2-Dichloroethane, T
- 12.00: 1,3-Dichloropropane, T
- 12.10: 1,2-Dichloroethane, T
- 12.20: 1,3-Dichloropropane, T
- 12.30: 1,2-Dichloroethane, T
- 12.40: 1,3-Dichloropropane, T
- 12.50: 1,2-Dichloroethane, T
- 12.60: 1,3-Dichloropropane, T
- 12.70: 1,2-Dichloroethane, T
- 12.80: 1,3-Dichloropropane, T
- 12.90: 1,2-Dichloroethane, T
- 13.00: 1,3-Dichloropropane, T
- 13.10: 1,2-Dichloroethane, T
- 13.20: 1,3-Dichloropropane, T
- 13.30: 1,2-Dichloroethane, T
- 13.40: 1,3-Dichloropropane, T
- 13.50: 1,2-Dichloroethane, T
- 13.60: 1,3-Dichloropropane, T
- 13.70: 1,2-Dichloroethane, T
- 13.80: 1,3-Dichloropropane, T
- 13.90: 1,2-Dichloroethane, T
- 14.00: 1,3-Dichloropropane, T
- 14.10: 1,2-Dichloroethane, T
- 14.20: 1,3-Dichloropropane, T
- 14.30: 1,2-Dichloroethane, T
- 14.40: 1,3-Dichloropropane, T
- 14.50: 1,2-Dichloroethane, T
- 14.60: 1,3-Dichloropropane, T
- 14.70: 1,2-Dichloroethane, T
- 14.80: 1,3-Dichloropropane, T
- 14.90: 1,2-Dichloroethane, T
- 15.00: 1,3-Dichloropropane, T
- 15.10: 1,2-Dichloroethane, T
- 15.20: 1,3-Dichloropropane, T
- 15.30: 1,2-Dichloroethane, T
- 15.40: 1,3-Dichloropropane, T
- 15.50: 1,2-Dichloroethane, T
- 15.60: 1,3-Dichloropropane, T
- 15.70: 1,2-Dichloroethane, T
- 15.80: 1,3-Dichloropropane, T
- 15.90: 1,2-Dichloroethane, T
- 16.00: 1,3-Dichloropropane, T



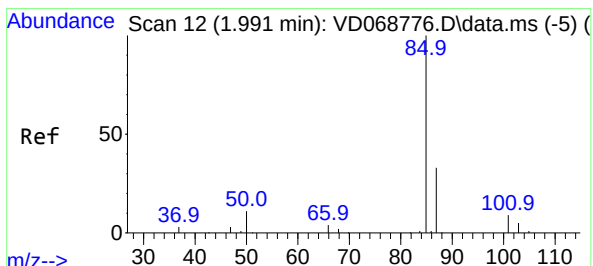
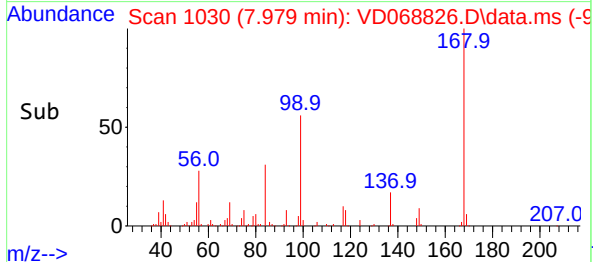
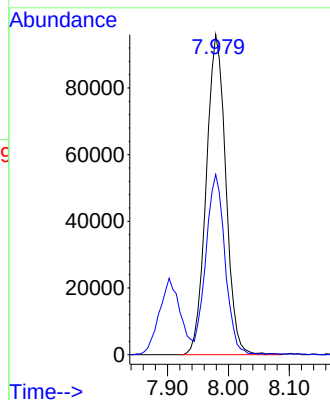
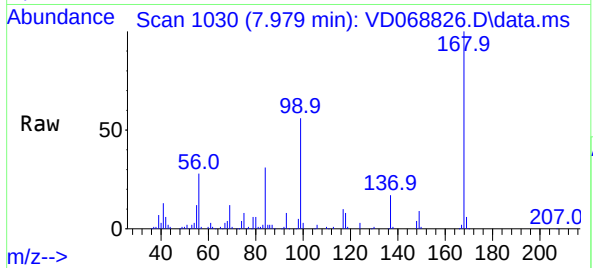
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion: 168 Resp: 214665
Ion Ratio Lower Upper
168 100
99 56.0 46.2 69.2

Instrument :
MSVOA_D
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VD0412SBS01

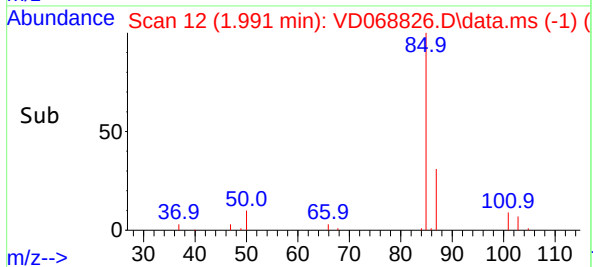
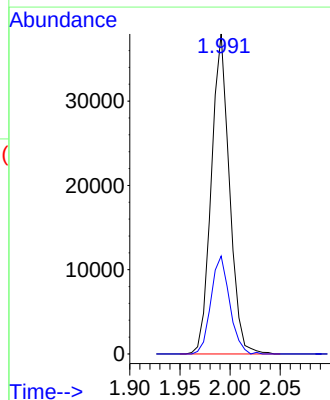
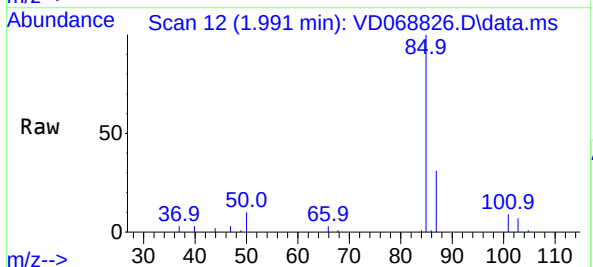
Manual Integrations
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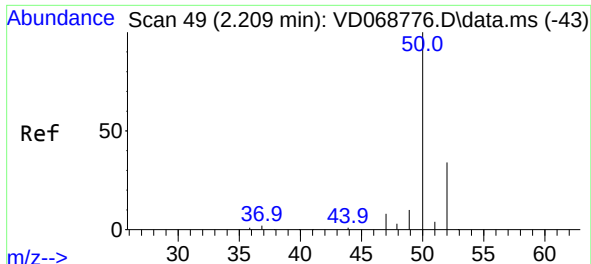
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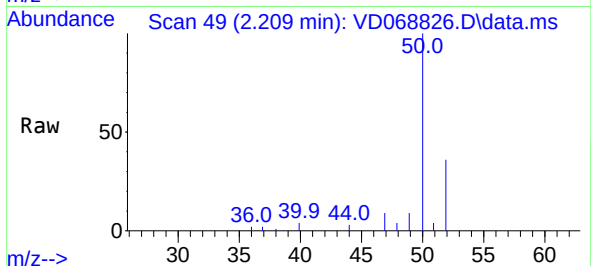
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Dichlorodifluoromethane
Concen: 22.41 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion: 85 Resp: 47659
Ion Ratio Lower Upper
85 100
87 30.6 15.7 47.0

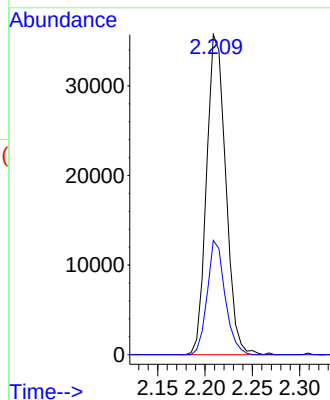
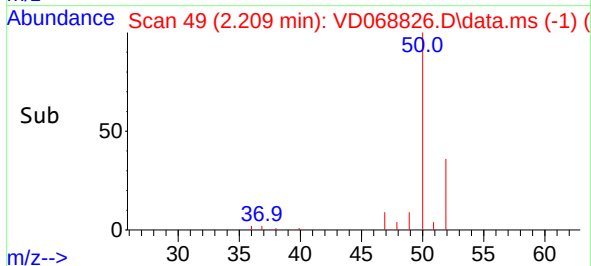




#3
Chloromethane
Concen: 20.07 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



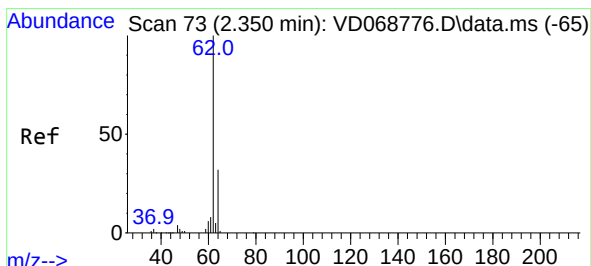
Tgt Ion: 50 Resp: 50186
Ion Ratio Lower Upper
50 100
52 35.7 26.7 40.1



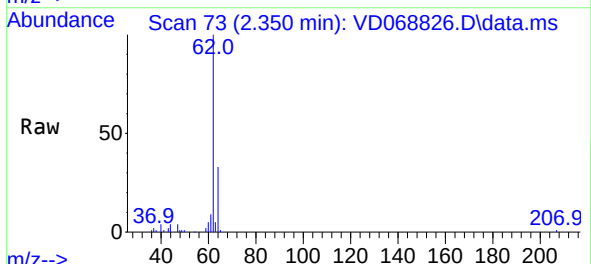
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

Manual Integrations
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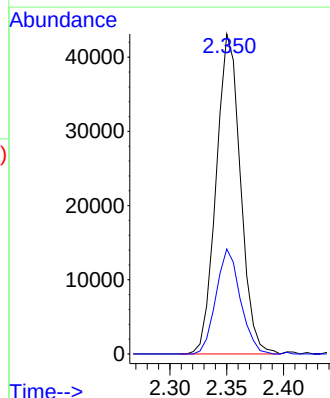
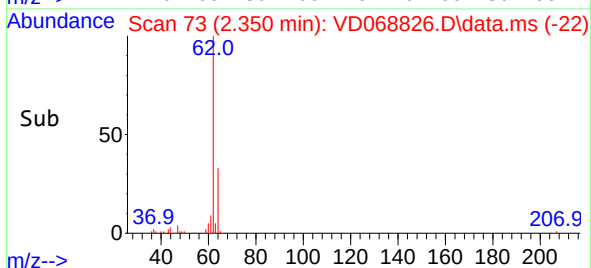
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4/13/2021 4:10:26 PM

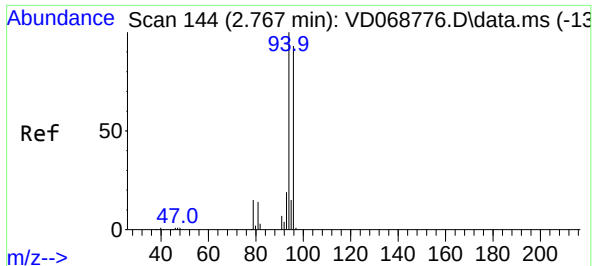


#4
Vinyl Chloride
Concen: 20.42 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

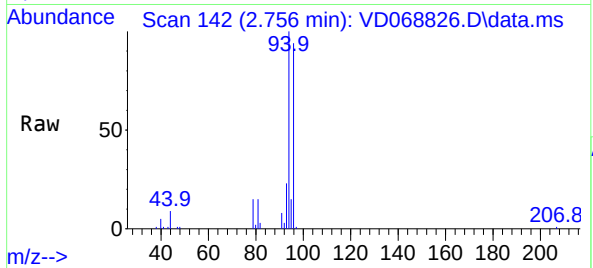


Tgt Ion: 62 Resp: 64163
Ion Ratio Lower Upper
62 100
64 32.8 27.1 40.7

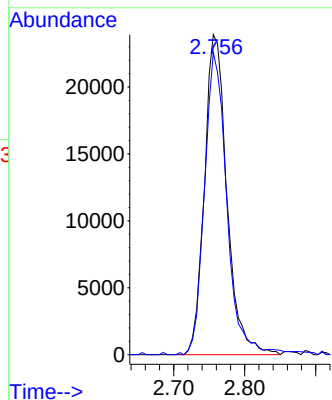




#5
Bromomethane
Concen: 22.44 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.011 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



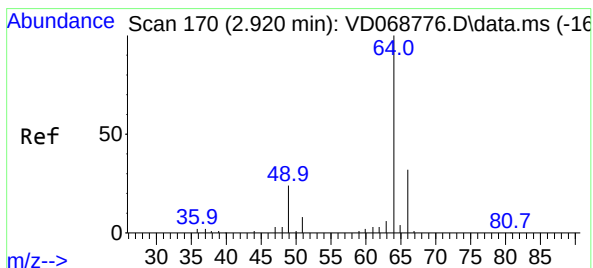
Tgt Ion: 94 Resp: 52695
Ion Ratio Lower Upper
94 100
96 93.7 74.7 112.1



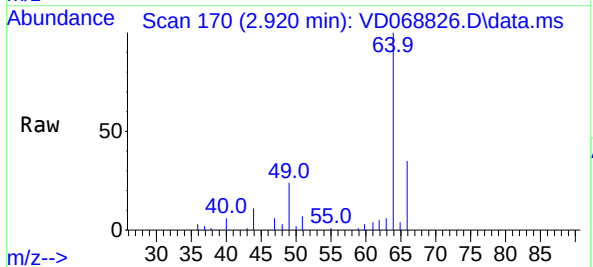
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

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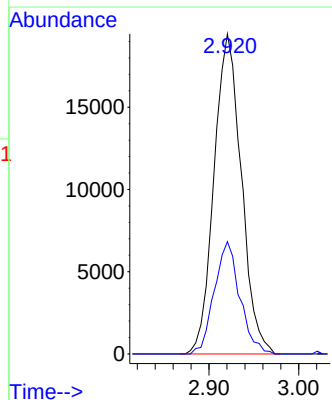
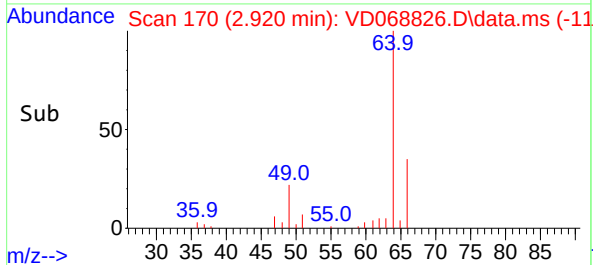
MMDadoda
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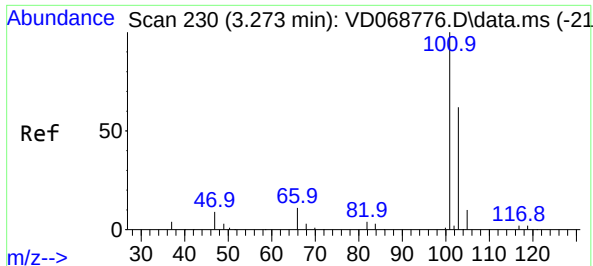


#6
Chloroethane
Concen: 19.92 ug/l
RT: 2.920 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



Tgt Ion: 64 Resp: 41115
Ion Ratio Lower Upper
64 100
66 35.1 26.0 39.0





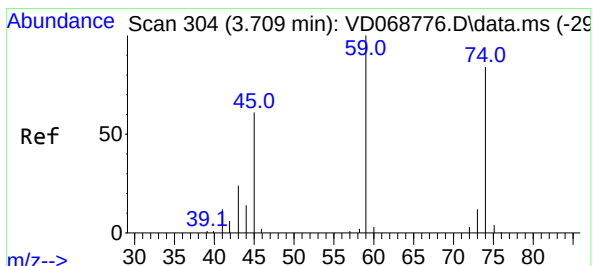
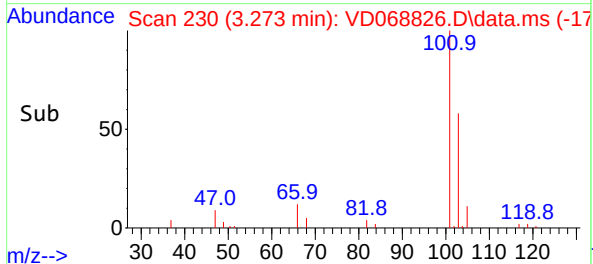
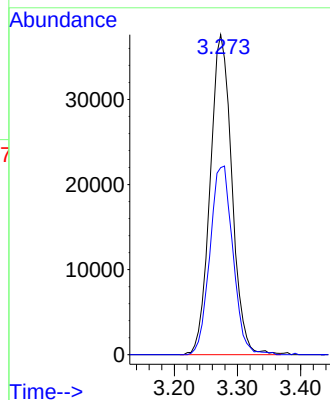
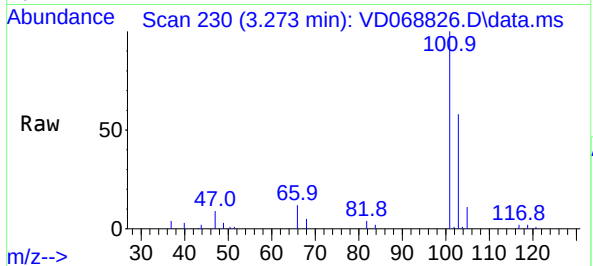
#7
Trichlorofluoromethane
Concen: 24.33 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion:101 Resp: 89923
Ion Ratio Lower Upper
101 100
103 58.4 53.4 80.2

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

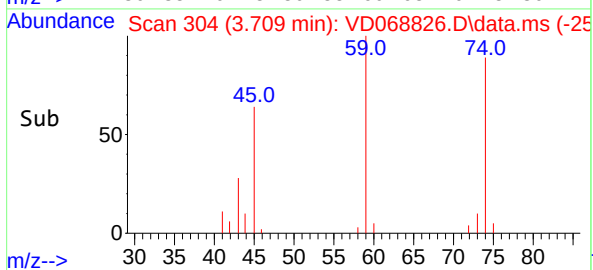
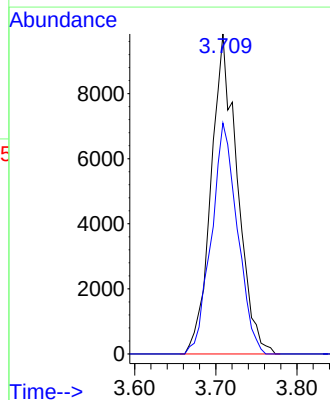
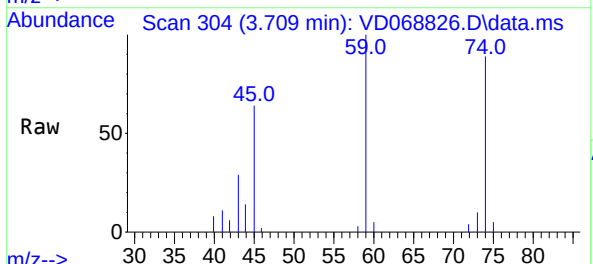
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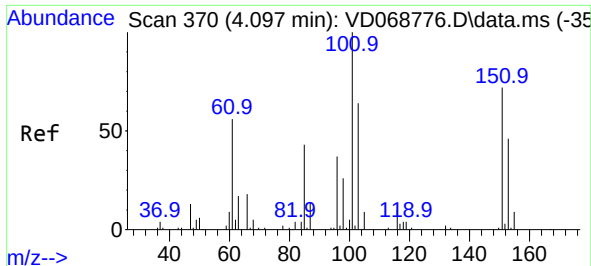
MMDadoda
4/13/2021 4:10:26 PM



#8
Diethyl Ether
Concen: 22.10 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion: 74 Resp: 22064
Ion Ratio Lower Upper
74 100
45 71.6 40.5 121.5





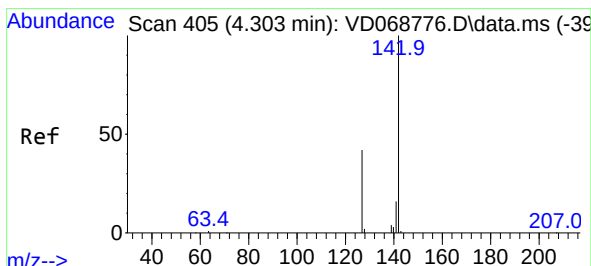
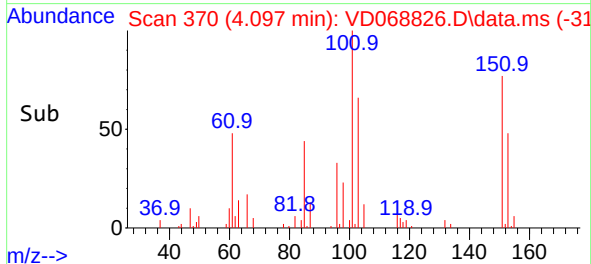
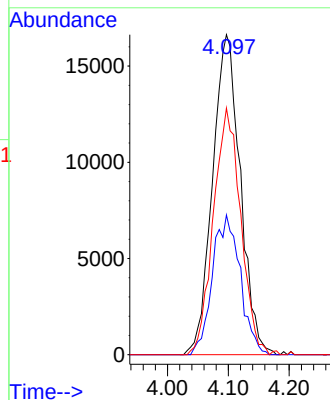
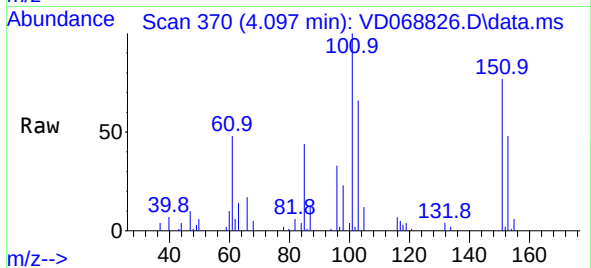
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.59 ug/l
RT: 4.097 min Scan# 370
Delta R.T. -0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion:	101	Resp:	52621
Ion	Ratio	Lower	Upper
101	100		
85	43.6	33.8	50.6
151	76.0	59.4	89.2

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

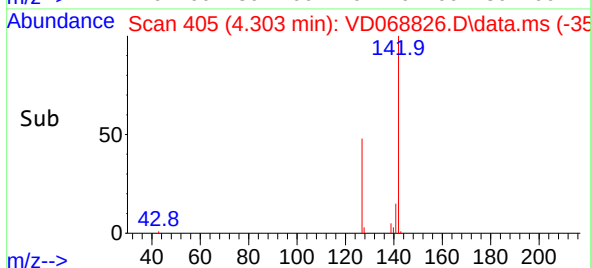
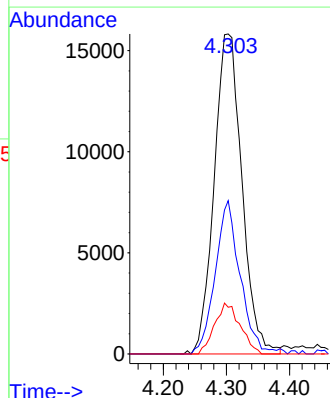
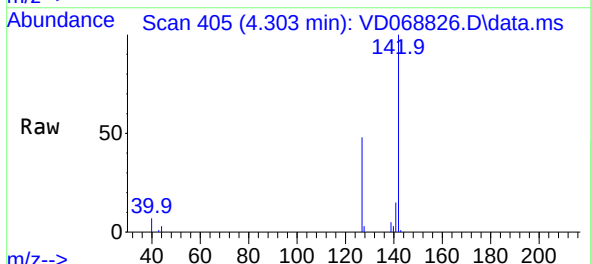
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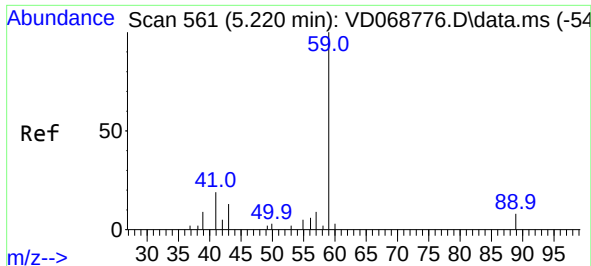
MMDadoda
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#10
Methyl Iodide
Concen: 19.95 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

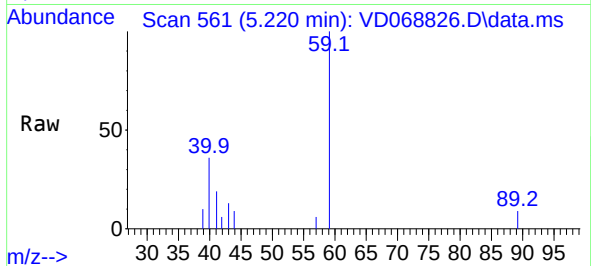
Tgt Ion:	142	Resp:	48384
Ion	Ratio	Lower	Upper
142	100		
127	43.2	34.7	52.1
141	14.6	11.0	16.4





#11
Tert butyl alcohol
Concen: 65.44 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

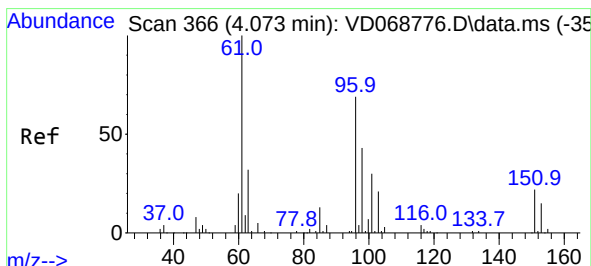
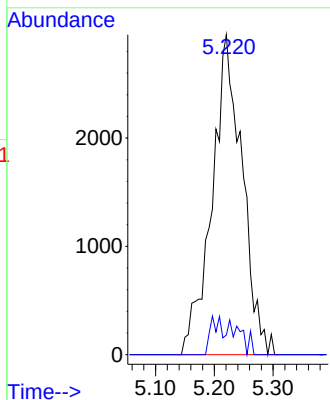
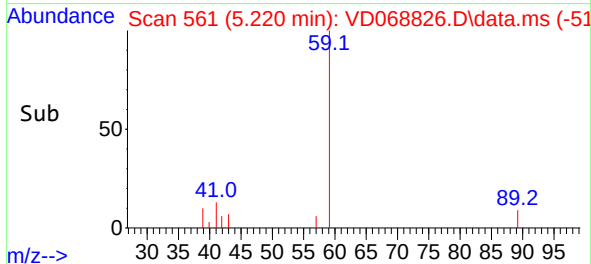
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01



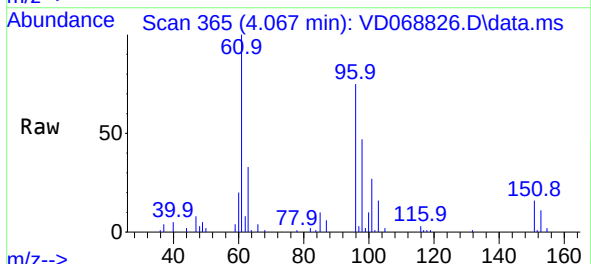
Tgt Ion: 59 Resp: 10536
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

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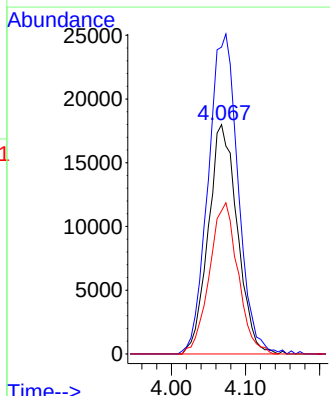
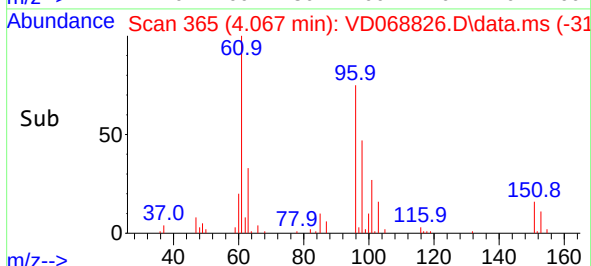
MMDadoda
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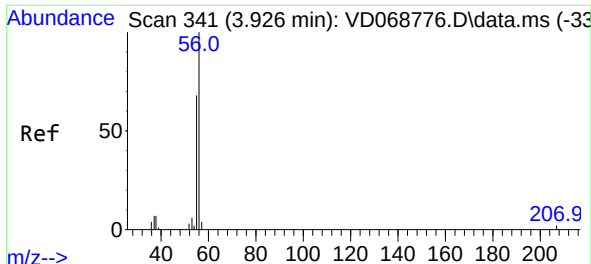


#12
1,1-Dichloroethene
Concen: 22.76 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



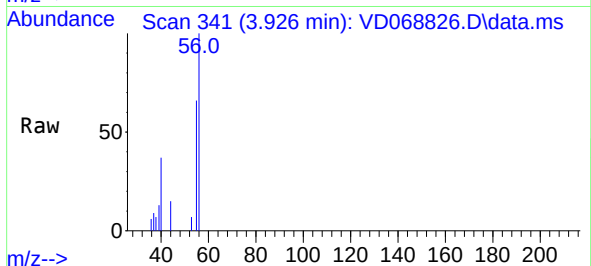
Tgt Ion: 96 Resp: 48913
Ion Ratio Lower Upper
96 100
61 133.9 112.2 168.2
98 62.5 50.2 75.2





#13
Acrolein
Concen: 91.47 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

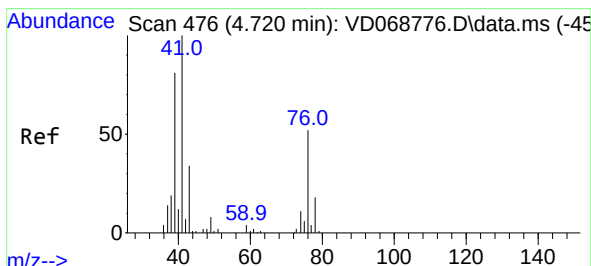
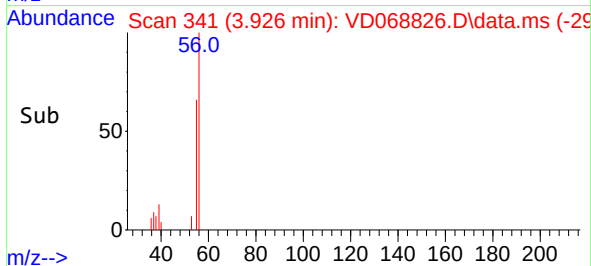
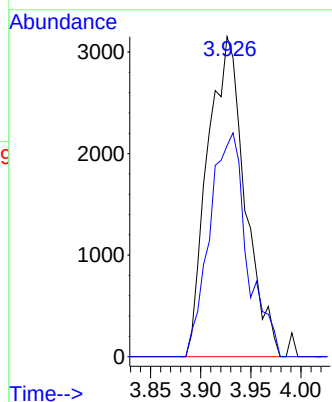
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01



Tgt Ion: 56 Resp: 8168
Ion Ratio Lower Upper
56 100
55 70.2 54.7 82.1

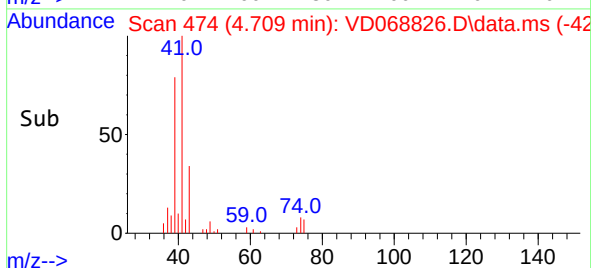
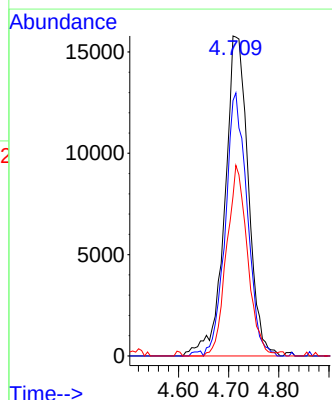
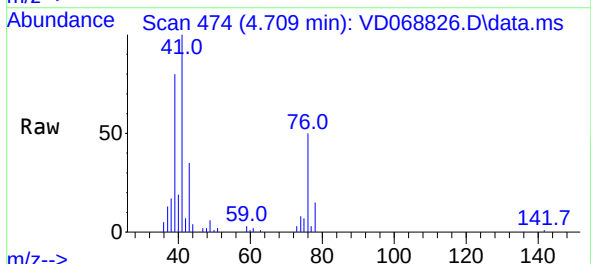
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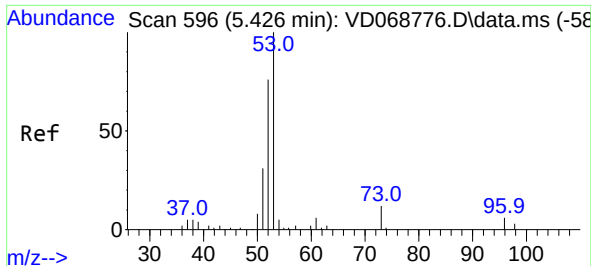
MMDadoda
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#14
Allyl chloride
Concen: 21.18 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.011 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion: 41 Resp: 51291
Ion Ratio Lower Upper
41 100
39 76.2 60.6 91.0
76 53.3 40.4 60.6





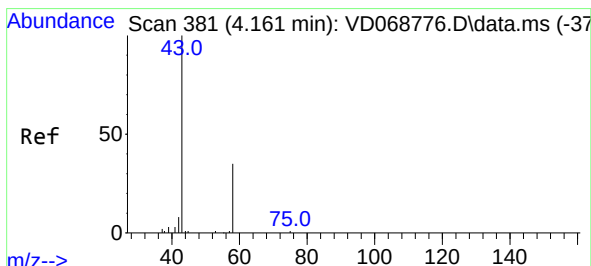
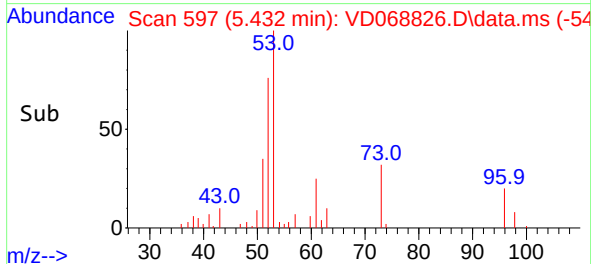
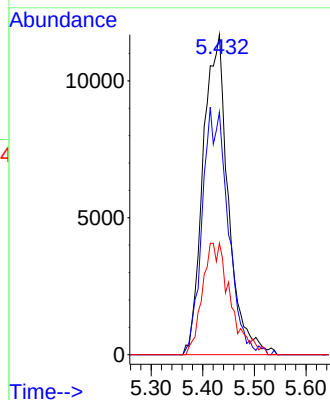
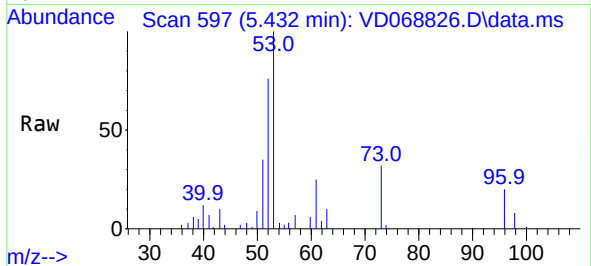
#15
Acrylonitrile
Concen: 88.44 ug/l
RT: 5.432 min Scan# 597
Delta R.T. 0.006 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion:	53	Resp:	39623
Ion	Ratio	Lower	Upper
53	100		
52	78.3	63.3	94.9
51	38.8	28.3	42.5

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

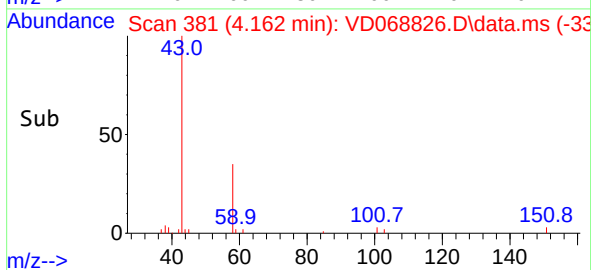
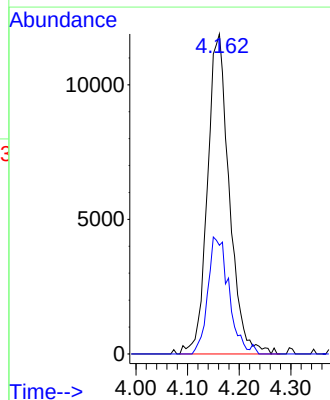
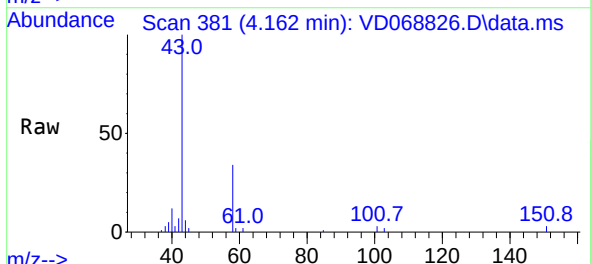
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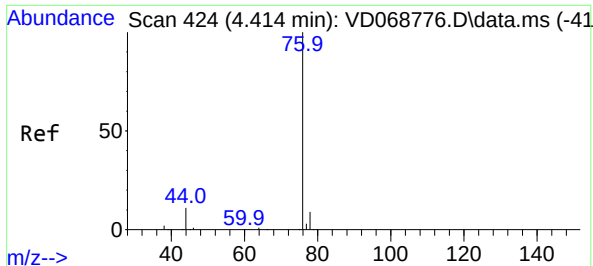
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#16
Acetone
Concen: 110.96 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion:	43	Resp:	34859
Ion	Ratio	Lower	Upper
43	100		
58	34.0	28.0	42.0





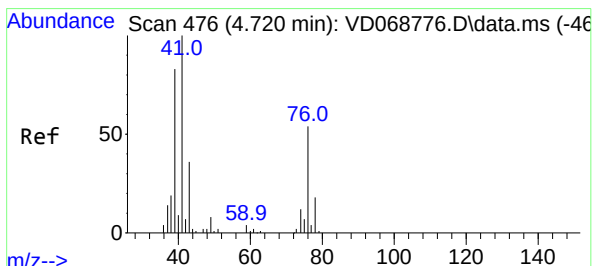
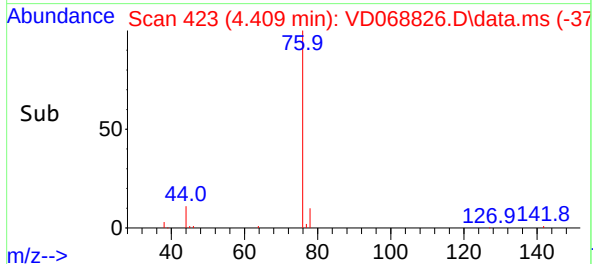
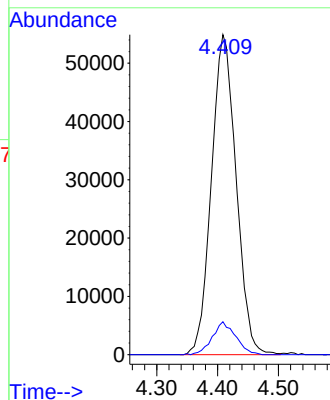
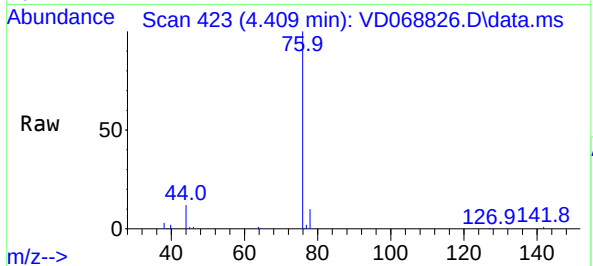
#17
Carbon Disulfide
Concen: 22.27 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion: 76 Resp: 154861
Ion Ratio Lower Upper
76 100
78 10.3 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

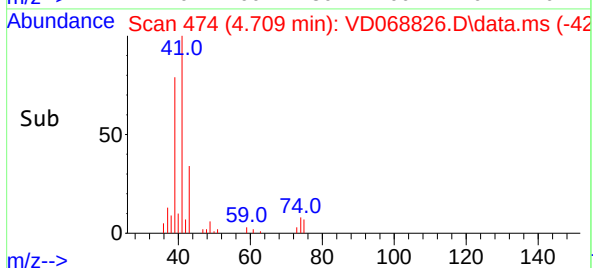
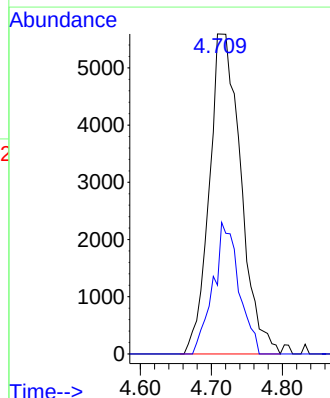
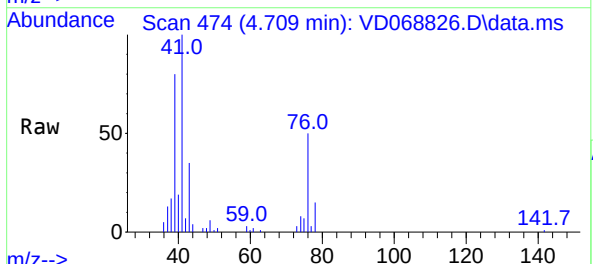
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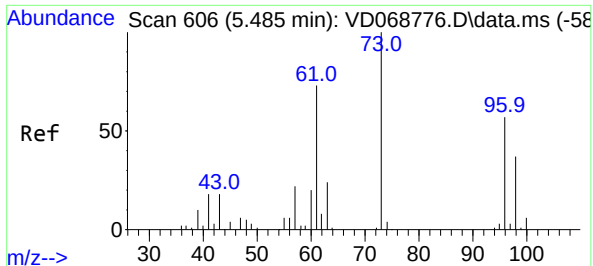
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#18
Methyl Acetate
Concen: 19.98 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.011 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion: 43 Resp: 17245
Ion Ratio Lower Upper
43 100
74 33.5 25.4 38.2





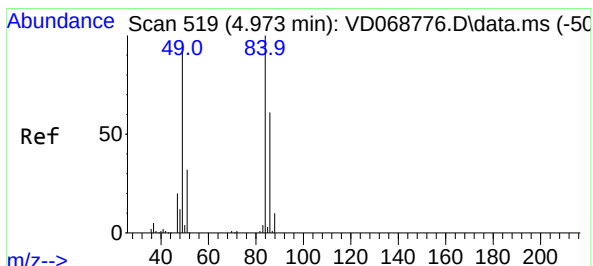
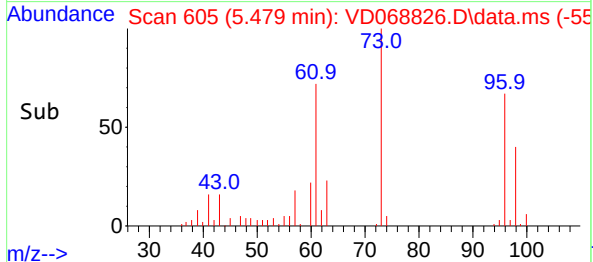
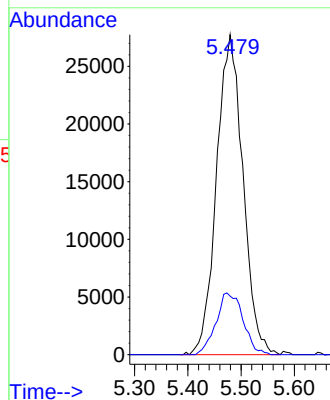
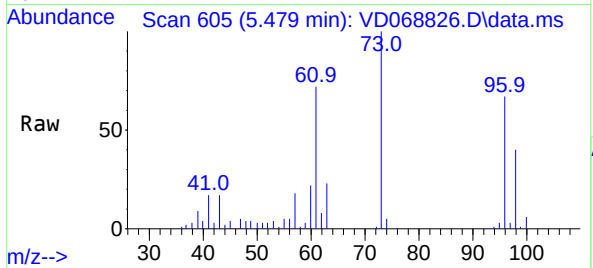
#19
Methyl tert-butyl Ether
Concen: 20.03 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion: 73 Resp: 95487
Ion Ratio Lower Upper
73 100
57 18.3 17.3 25.9

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

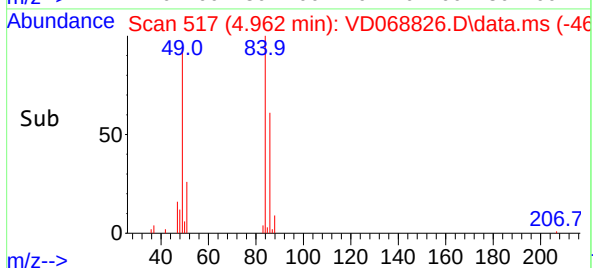
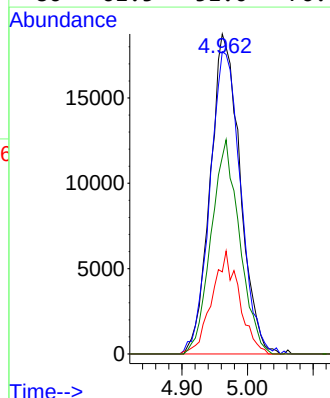
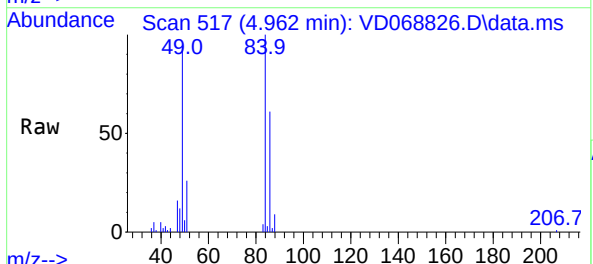
Manual Integrations
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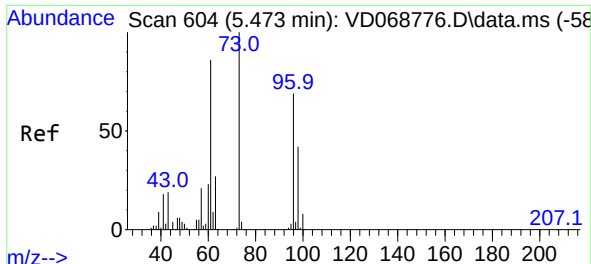
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4/13/2021 4:10:26 PM



#20
Methylene Chloride
Concen: 20.36 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

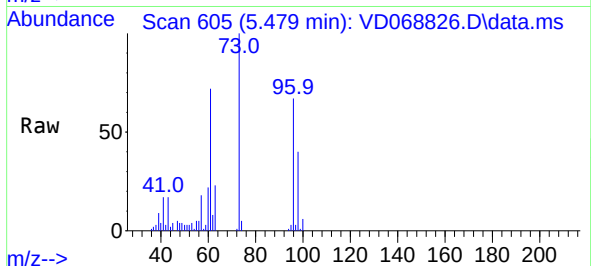
Tgt Ion: 84 Resp: 59063
Ion Ratio Lower Upper
84 100
49 94.5 83.4 125.0
51 25.7 23.4 35.2
86 61.5 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 20.44 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.006 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

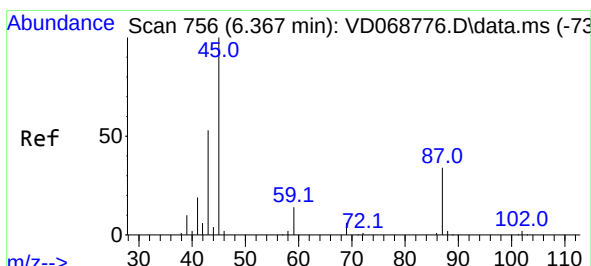
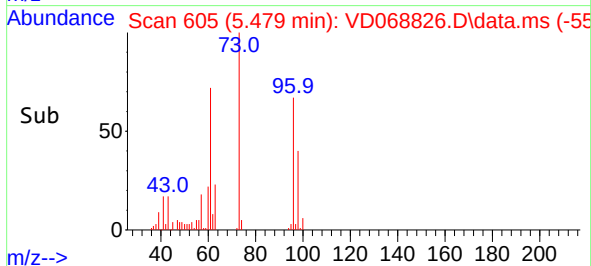
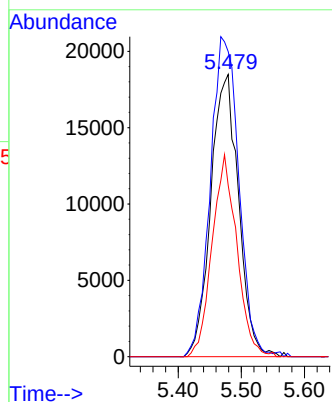


Tgt Ion: 96 Resp: 56389

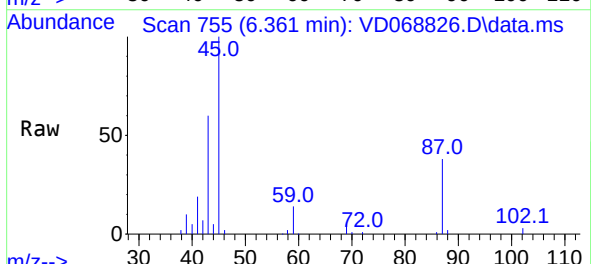
Ion	Ratio	Lower	Upper
96	100		
61	108.1	91.8	137.6
98	60.7	49.3	73.9

Manual Integrations
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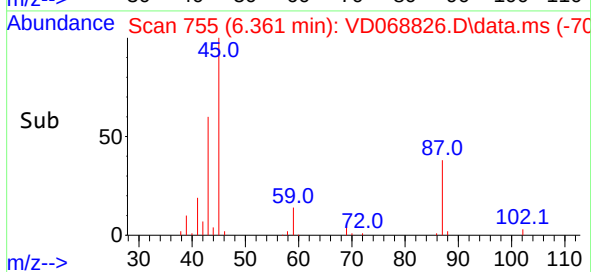
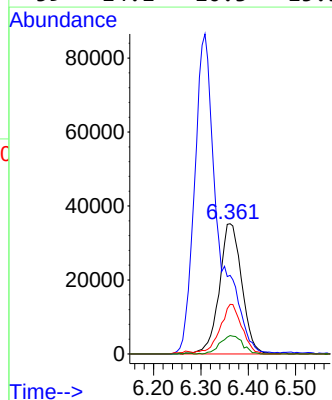


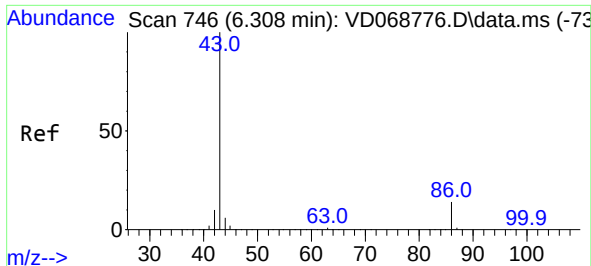
#22
Diisopropyl ether
Concen: 19.77 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



Tgt Ion: 45 Resp: 115999

Ion	Ratio	Lower	Upper
45	100		
43	59.6	41.8	62.8
87	38.0	29.2	43.8
59	14.1	10.3	15.5





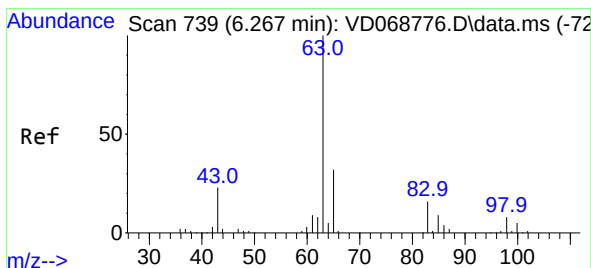
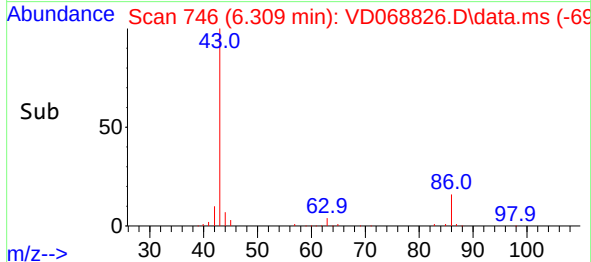
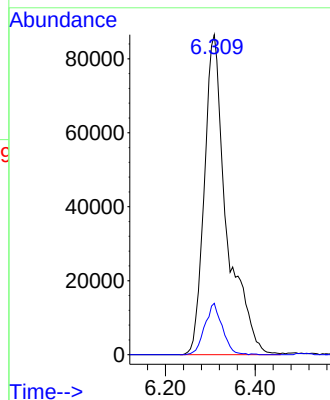
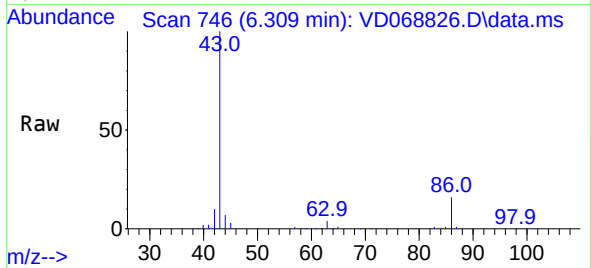
#23
 Vinyl Acetate
 Concen: 96.26 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.001 min
 Lab File: VD068826.D
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Tgt Ion: 43 Resp: 299325
 Ion Ratio Lower Upper
 43 100
 86 16.1 11.0 16.6

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0412SBS01

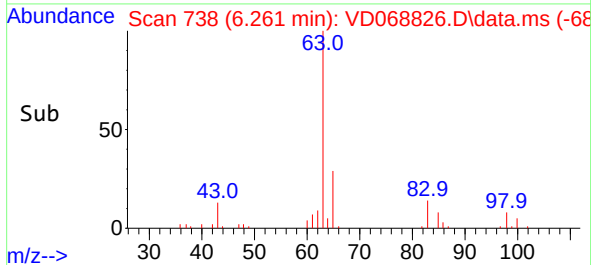
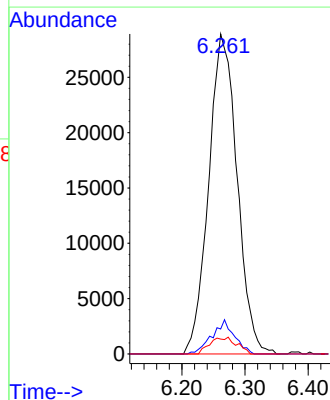
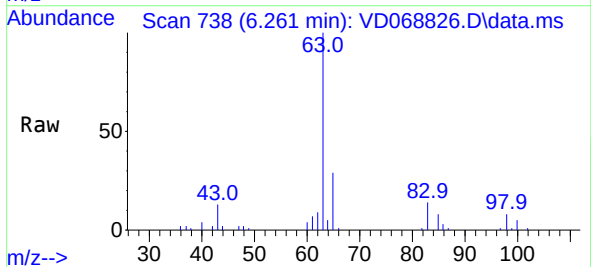
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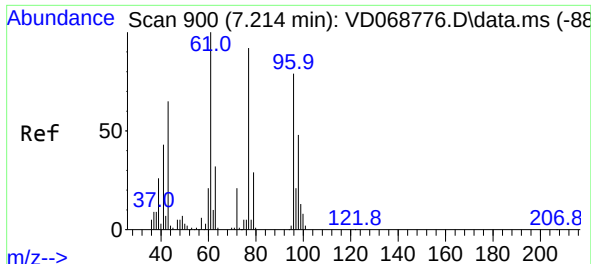
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 20.43 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.006 min
 Lab File: VD068826.D
 Acq: 12 Apr 2021 12:12

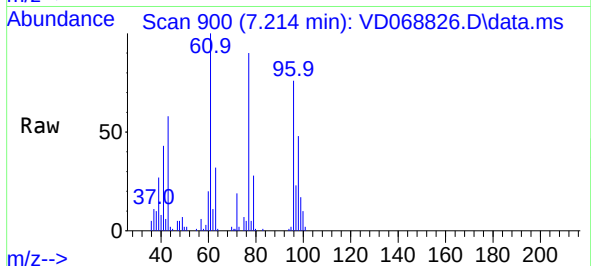
Tgt Ion: 63 Resp: 90372
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.8 11.2
 100 4.7 2.3 6.9





#25
2-Butanone
Concen: 99.53 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

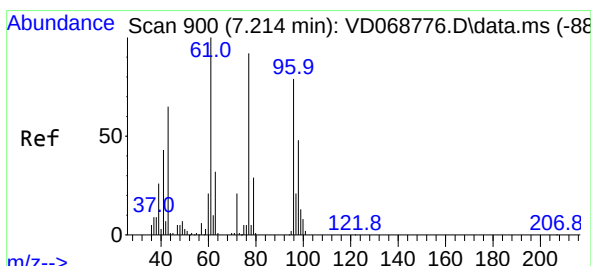
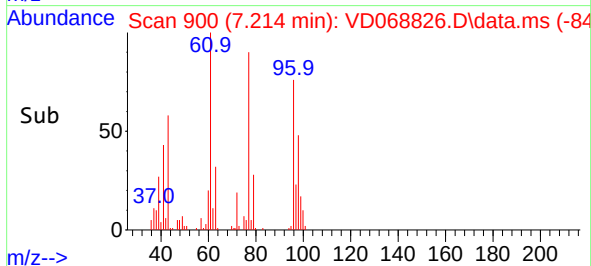
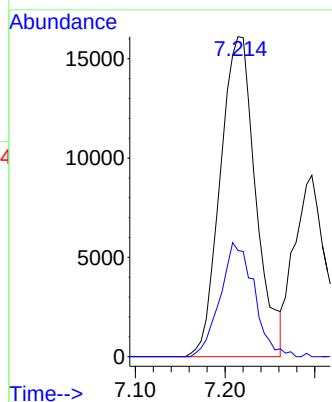
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01



Tgt Ion: 43 Resp: 44249
Ion Ratio Lower Upper
43 100
72 33.2 28.6 43.0

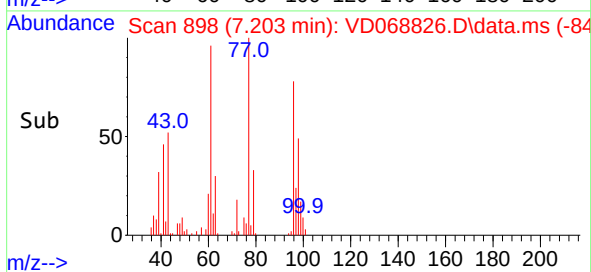
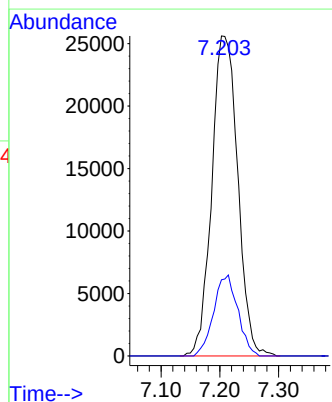
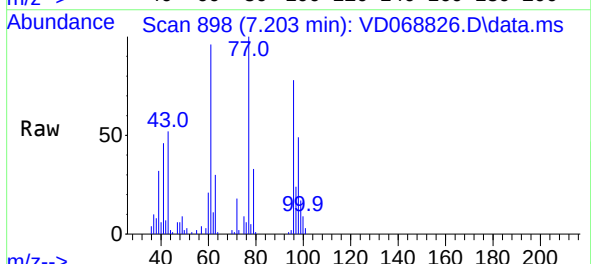
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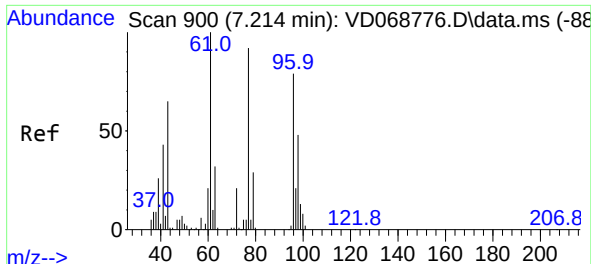
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#26
2,2-Dichloropropane
Concen: 21.73 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.011 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

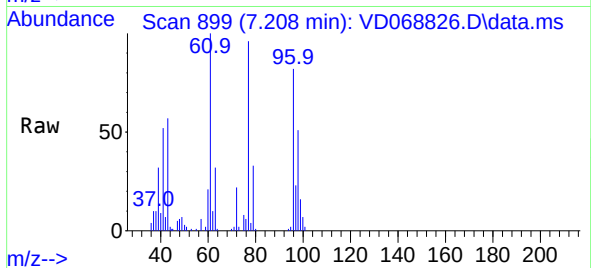
Tgt Ion: 77 Resp: 78505
Ion Ratio Lower Upper
77 100
97 23.6 12.0 36.1





#27
cis-1,2-Dichloroethene
Concen: 21.14 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

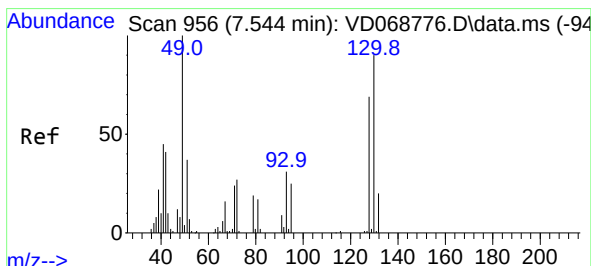
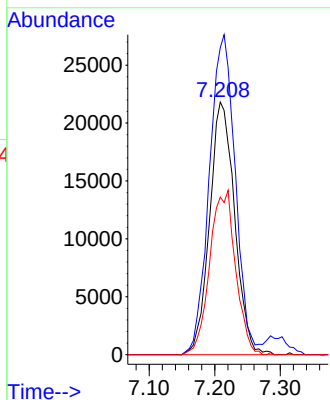
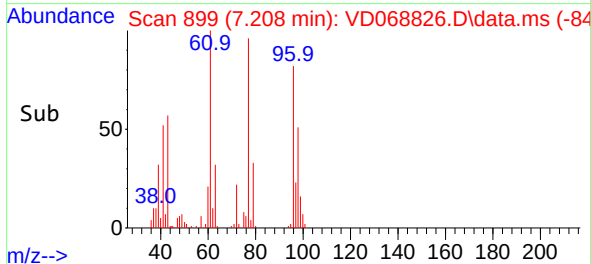


Tgt Ion: 96 Resp: 57963

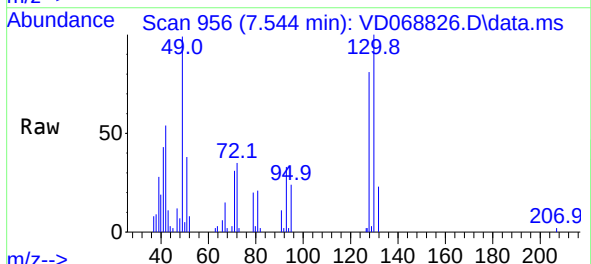
Ion	Ratio	Lower	Upper
96	100		
61	131.4	0.0	258.8
98	66.7	0.0	128.4

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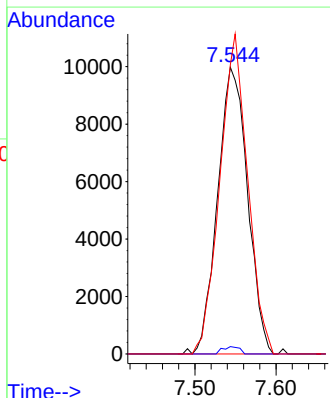
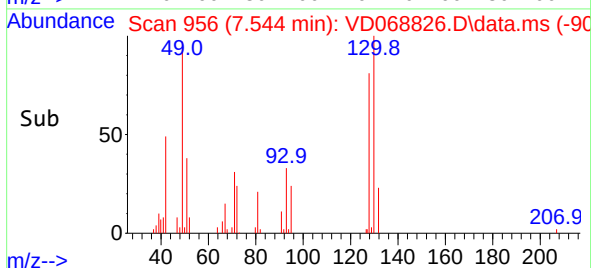


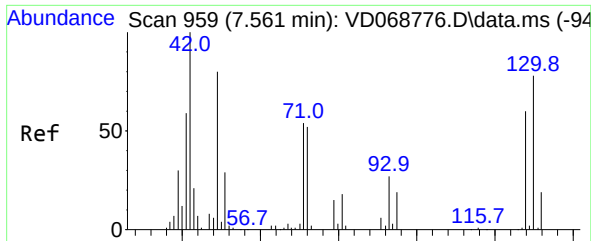
#28
Bromochloromethane
Concen: 16.02 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



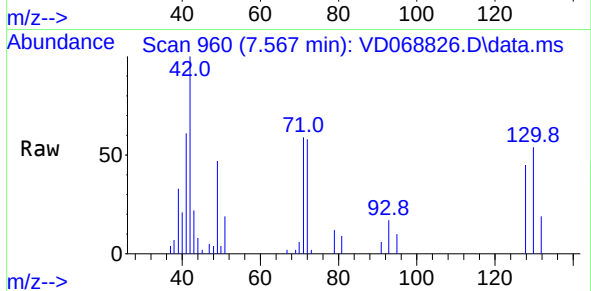
Tgt Ion: 49 Resp: 25574

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	5.2
130	103.7	74.6	112.0

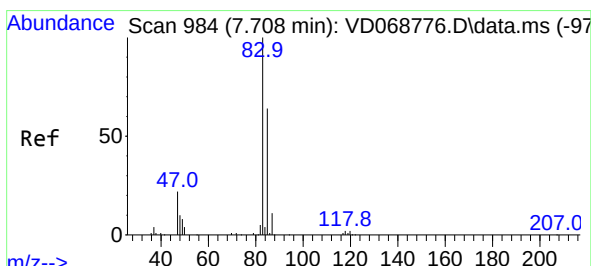
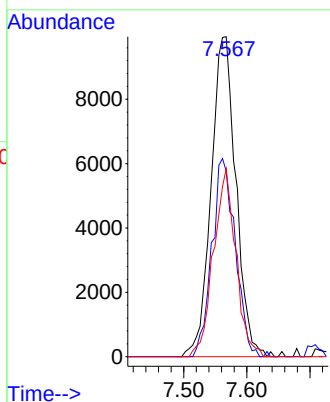
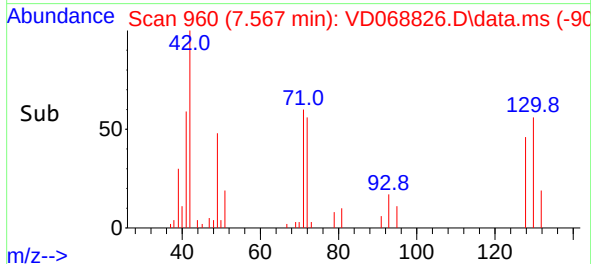




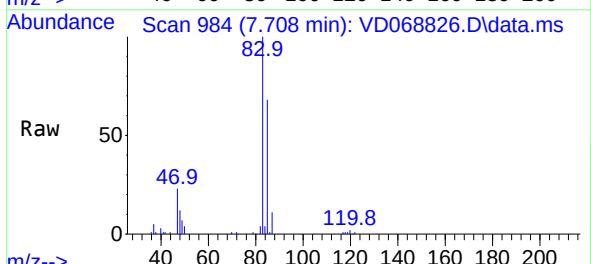
#29
Tetrahydrofuran
Concen: 90.72 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.006 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



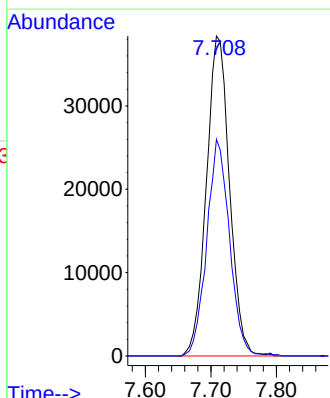
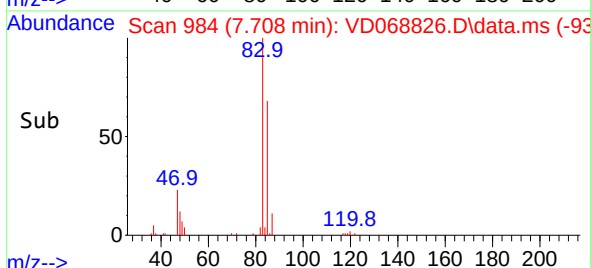
Tgt Ion: 42 Resp: 27122
Ion Ratio Lower Upper
42 100
72 58.1 45.2 67.8
71 53.1 40.8 61.2



#30
Chloroform
Concen: 19.43 ug/l
RT: 7.708 min Scan# 984
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



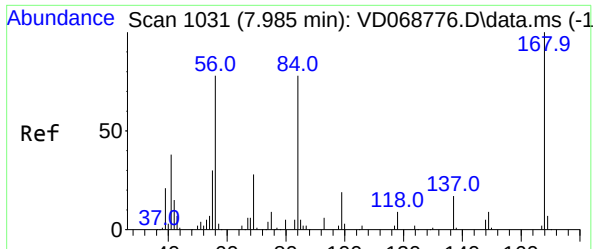
Tgt Ion: 83 Resp: 94069
Ion Ratio Lower Upper
83 100
85 67.7 53.3 79.9



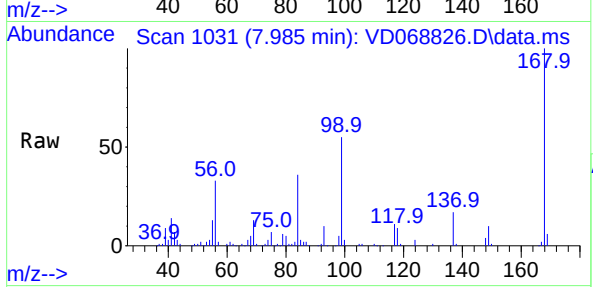
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

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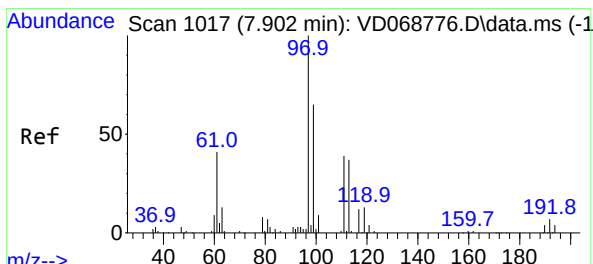
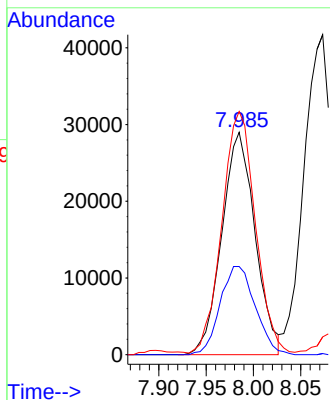
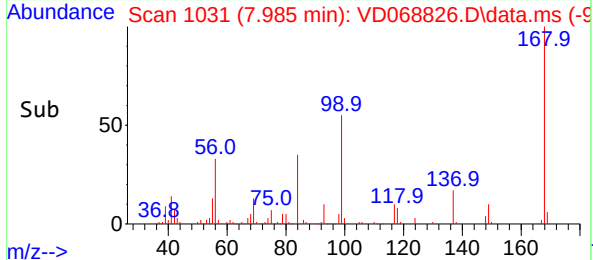
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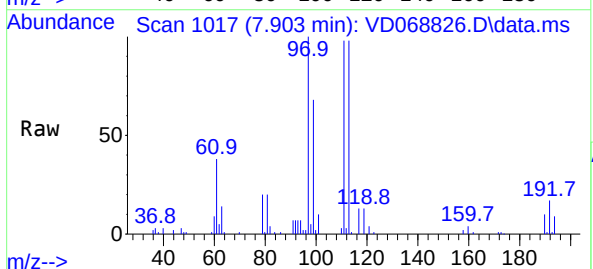
#31
Cyclohexane
Concen: 18.80 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



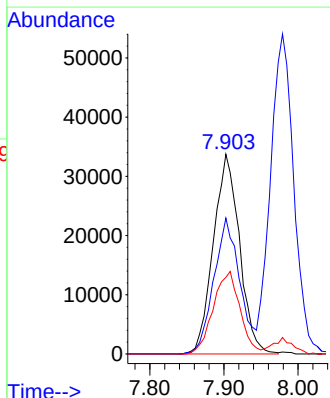
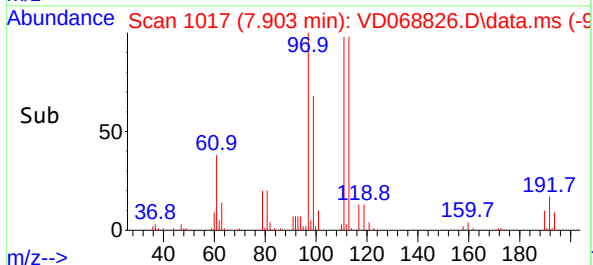
Tgt Ion: 56 Resp: 70952
Ion Ratio Lower Upper
56 100
69 39.7 30.0 45.0
84 108.1 82.0 123.0



#32
1,1,1-Trichloroethane
Concen: 19.57 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.001 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



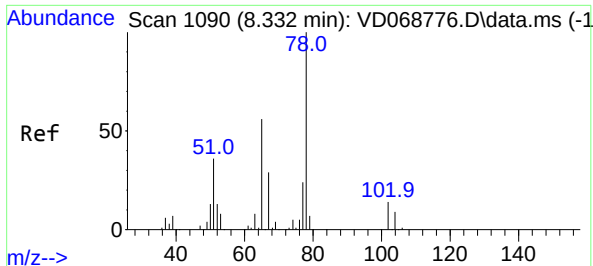
Tgt Ion: 97 Resp: 82788
Ion Ratio Lower Upper
97 100
99 67.9 50.8 76.2
61 42.2 33.7 50.5



Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

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#33

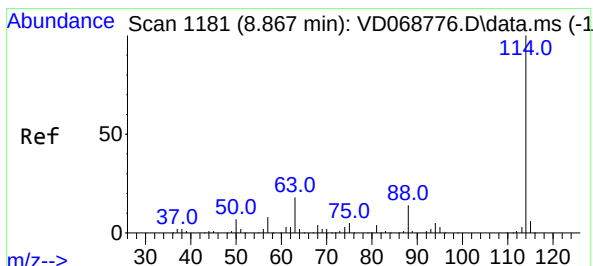
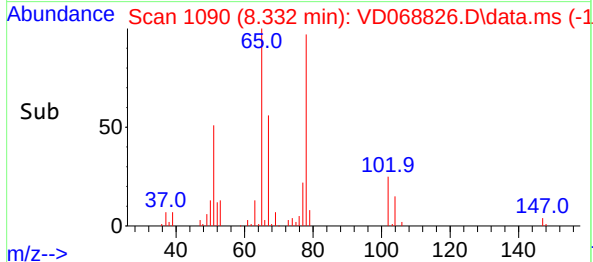
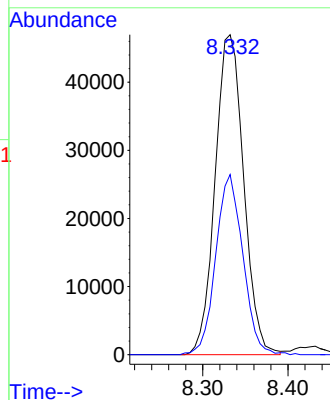
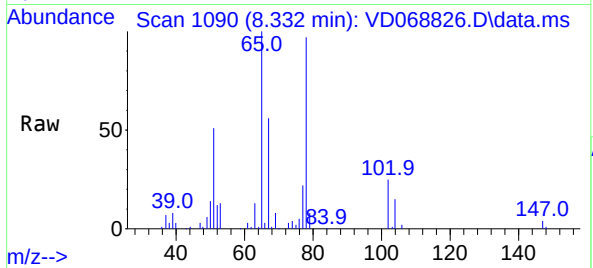
1,2-Dichloroethane-d4
Concen: 48.27 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion: 65 Resp: 109516
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.0

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

Manual Integrations
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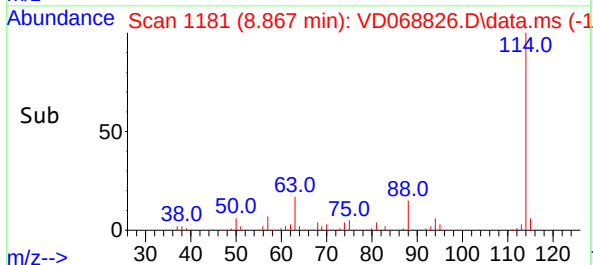
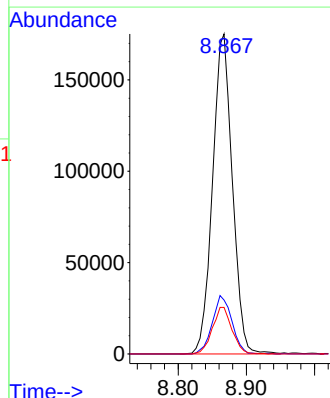
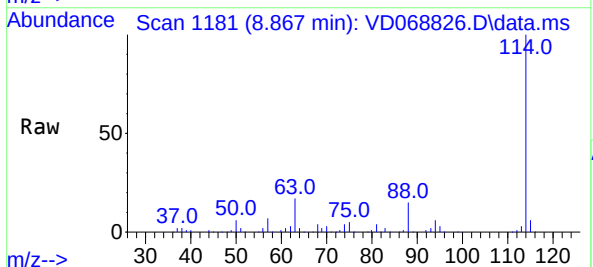
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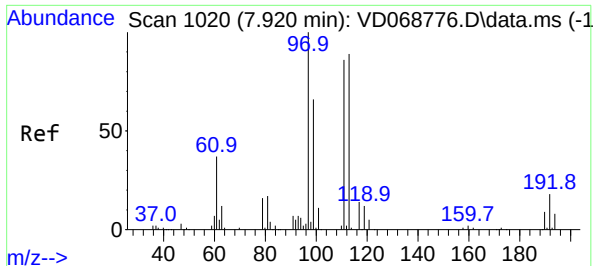


#34

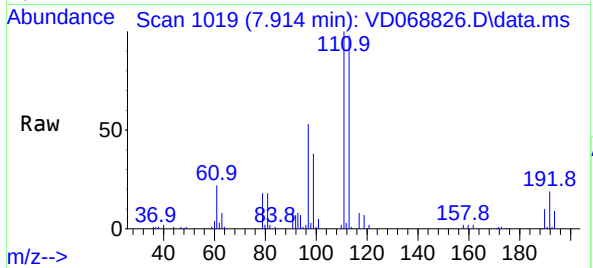
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion: 114 Resp: 353905
Ion Ratio Lower Upper
114 100
63 16.9 0.0 38.2
88 14.6 0.0 29.4

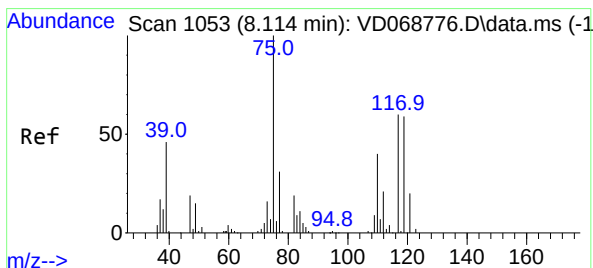
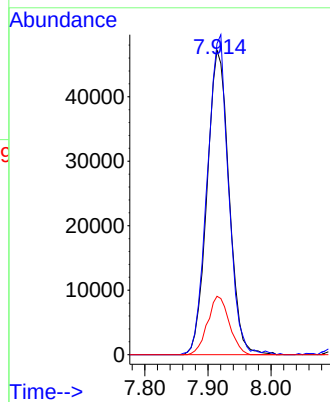
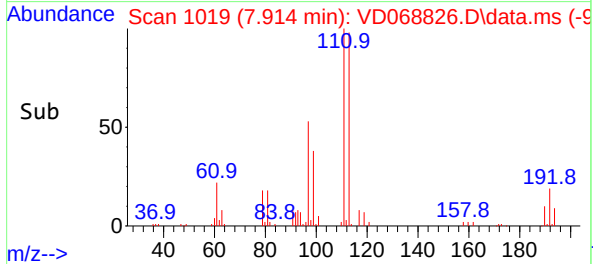




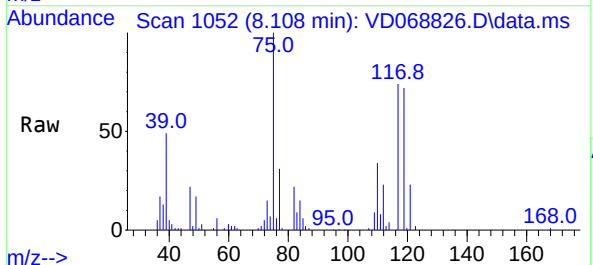
#35
Dibromofluoromethane
Concen: 49.44 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



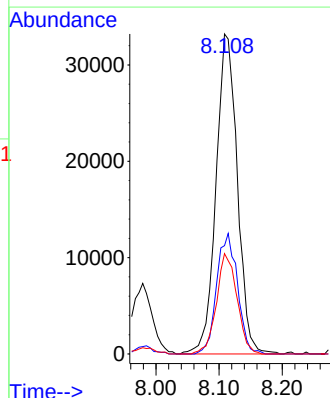
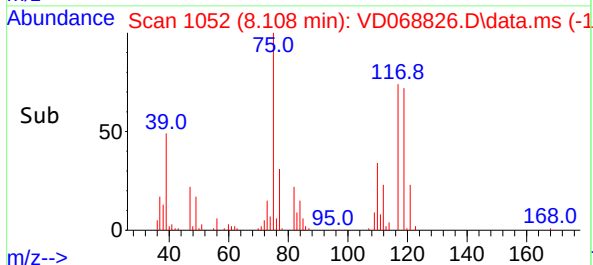
Tgt Ion: 113 Resp: 113811
Ion Ratio Lower Upper
113 100
111 101.6 82.5 123.7
192 19.0 15.1 22.7



#36
1,1-Dichloropropene
Concen: 21.79 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



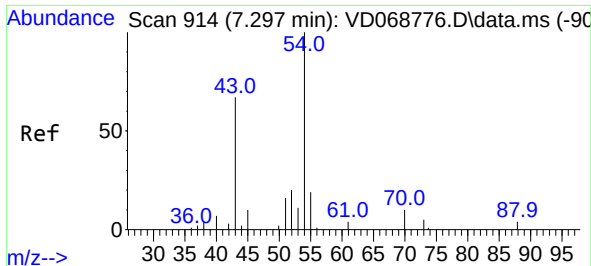
Tgt Ion: 75 Resp: 78048
Ion Ratio Lower Upper
75 100
110 36.7 18.1 54.4
77 30.2 24.7 37.1



Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

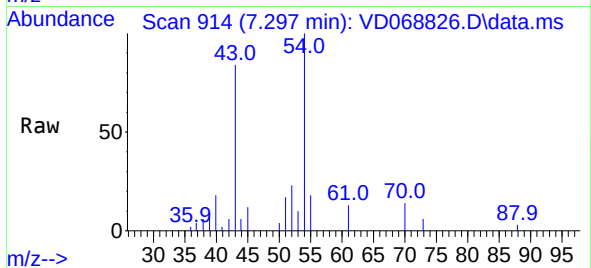
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#37
Ethyl Acetate
Concen: 19.83 ug/l
RT: 7.297 min Scan# 914
Delta R.T. -0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

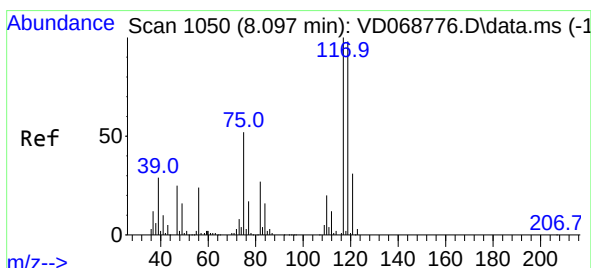
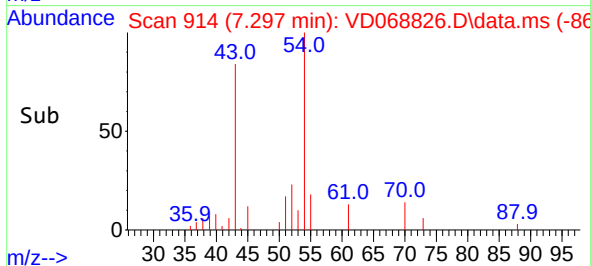
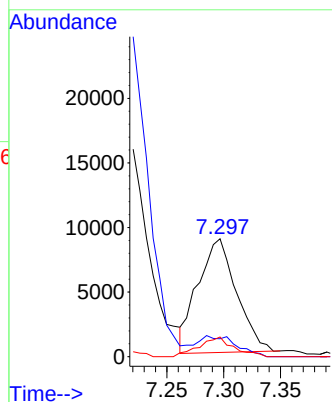
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01



Tgt Ion: 43 Resp: 20865
Ion Ratio Lower Upper
43 100
61 17.0 14.2 21.4
70 15.4 9.4 14.0#

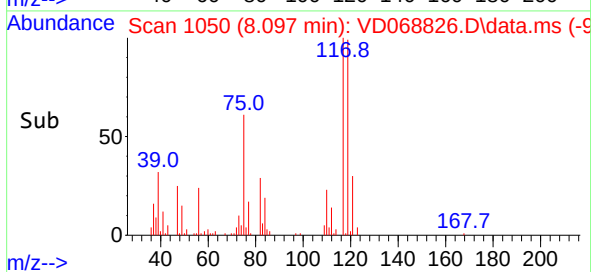
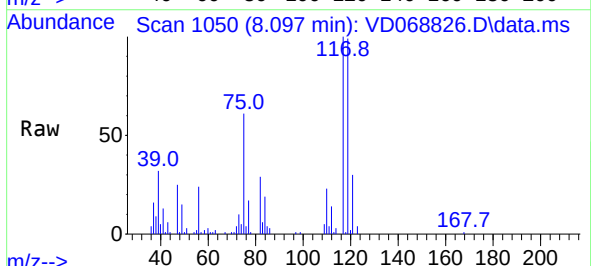
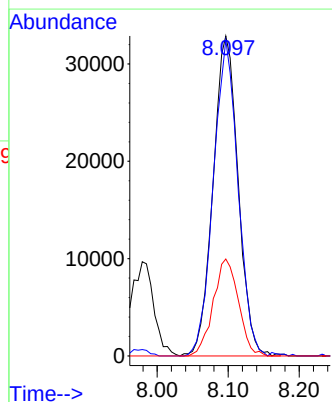
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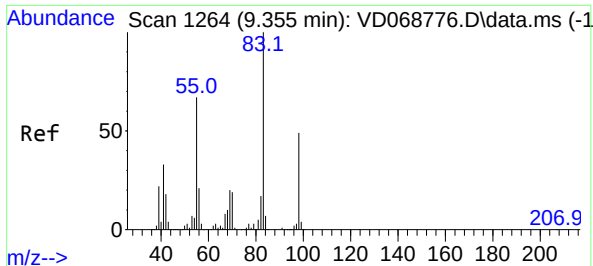
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#38
Carbon Tetrachloride
Concen: 22.69 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion: 117 Resp: 80466
Ion Ratio Lower Upper
117 100
119 98.7 76.6 115.0
121 30.3 26.1 39.1





#39

Methylcyclohexane

Concen: 21.92 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068826.D

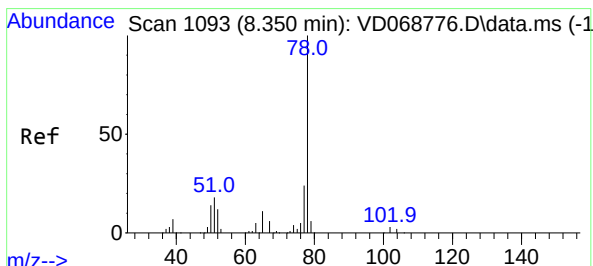
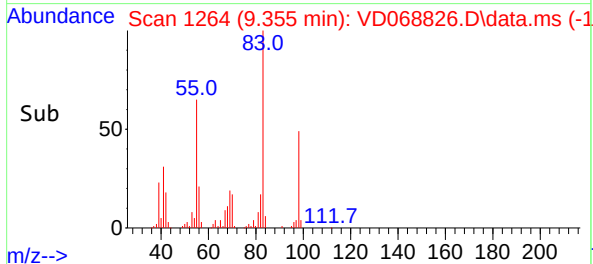
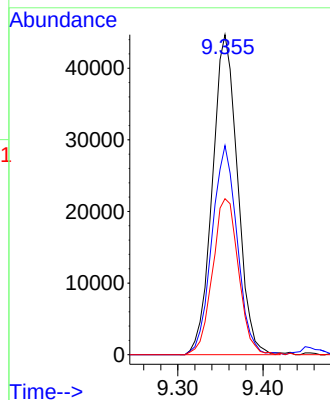
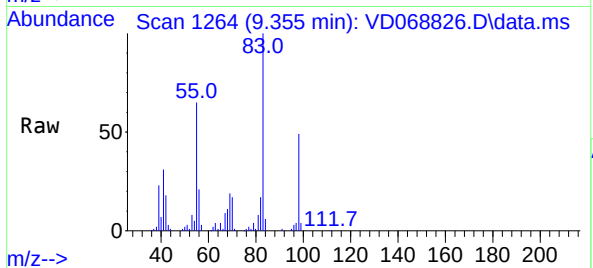
Acq: 12 Apr 2021 12:12

Tgt Ion:	83	Resp:	91564
Ion	Ratio	Lower	Upper
83	100		
55	65.3	51.7	77.5
98	48.7	38.8	58.2

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

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#40

Benzene

Concen: 21.33 ug/l

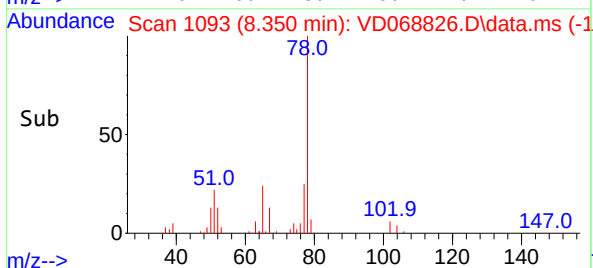
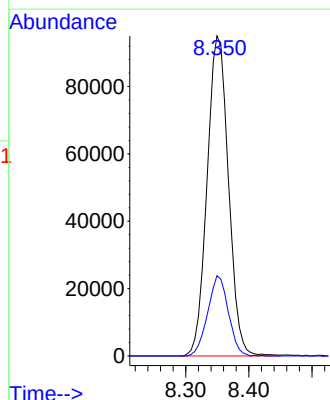
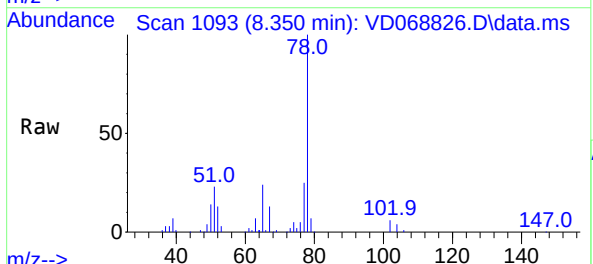
RT: 8.350 min Scan# 1093

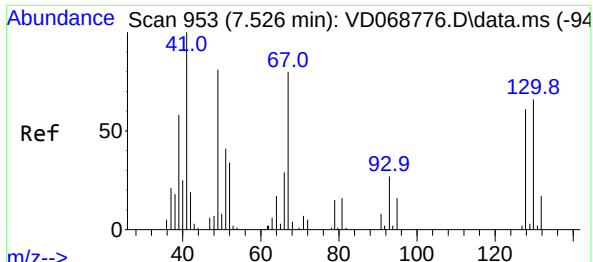
Delta R.T. -0.000 min

Lab File: VD068826.D

Acq: 12 Apr 2021 12:12

Tgt Ion:	78	Resp:	223557
Ion	Ratio	Lower	Upper
78	100		
77	25.1	18.2	27.2





#41
Methacrylonitrile
Concen: 20.92 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

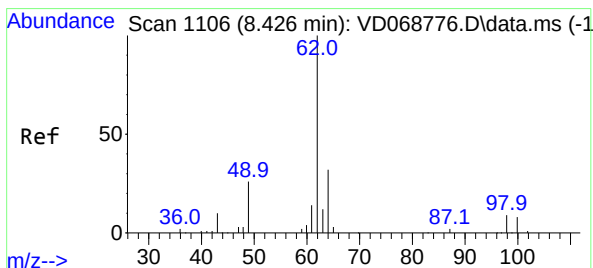
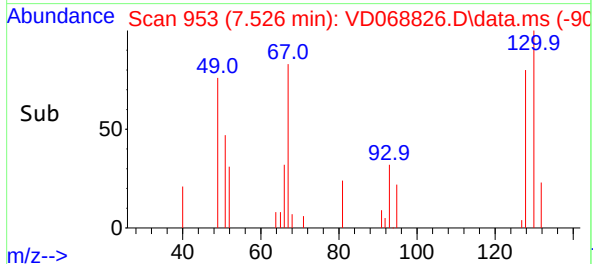
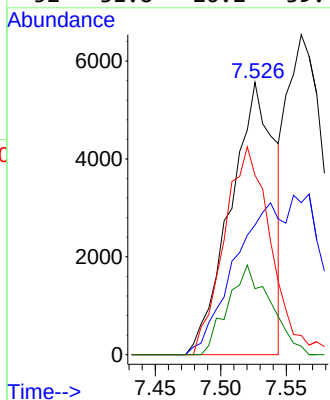
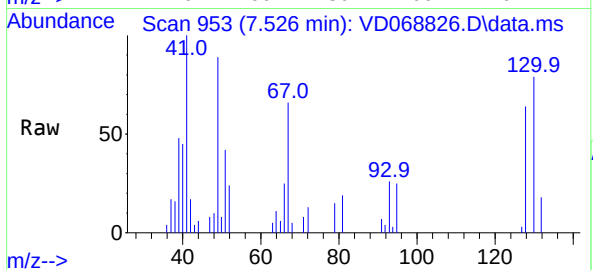
Tgt Ion: 41 Resp: 13033

Ion	Ratio	Lower	Upper
41	100		
39	64.2	43.2	64.8
67	81.7	63.9	95.9
52	31.8	26.2	39.4

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

Manual Integrations
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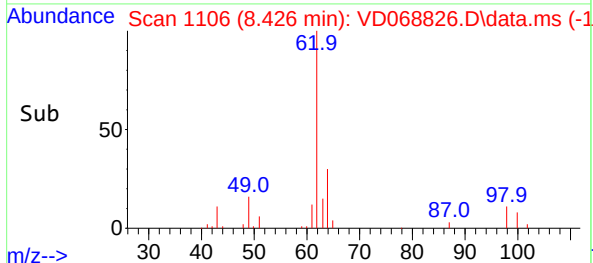
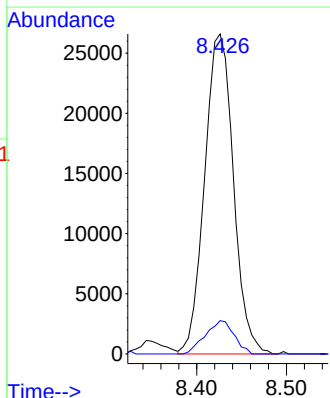
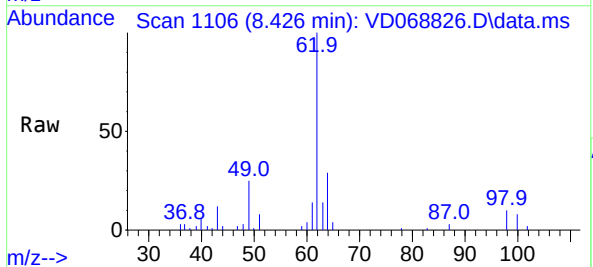
MMDadoda
4/13/2021 4:10:26 PM

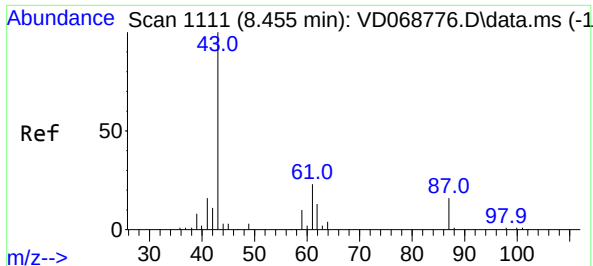


#42
1,2-Dichloroethane
Concen: 21.39 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion: 62 Resp: 59271

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	22.6





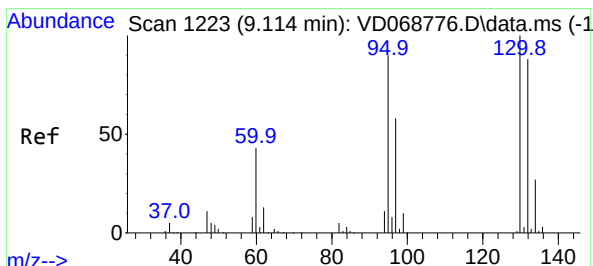
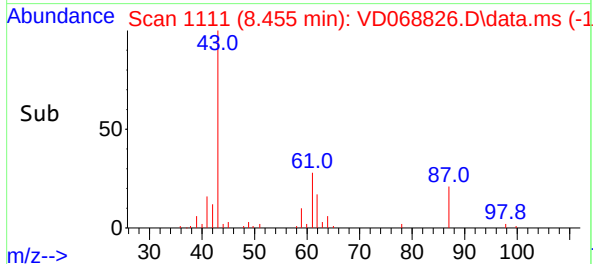
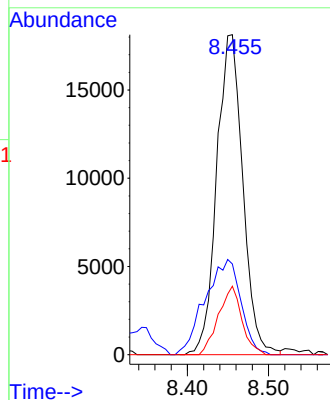
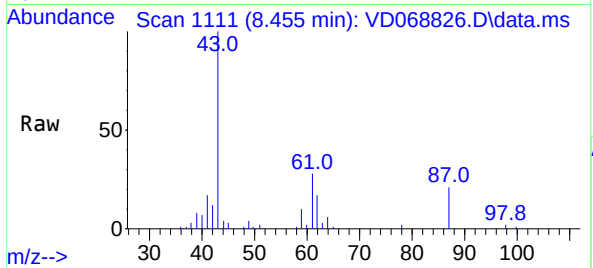
#43
Isopropyl Acetate
Concen: 18.88 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion:	43	Resp:	40496
Ion Ratio	Lower	Upper	
43	100		
61	40.8	29.5	44.3
87	19.2	13.5	20.3

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

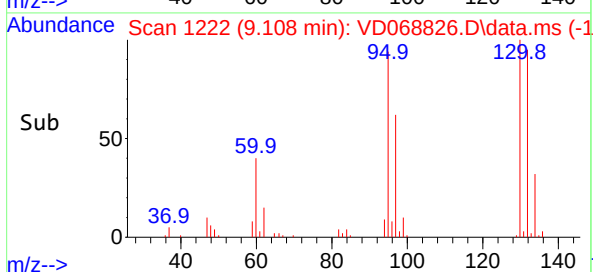
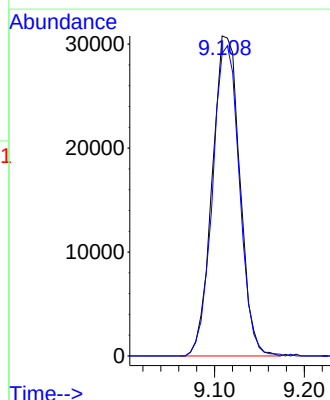
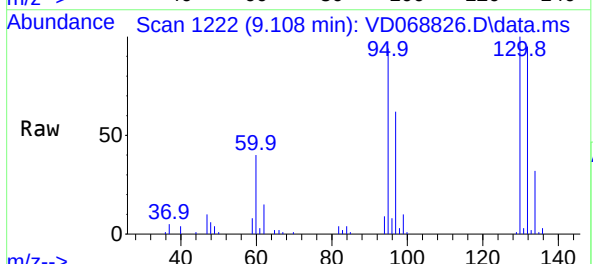
Manual Integrations
APPROVED

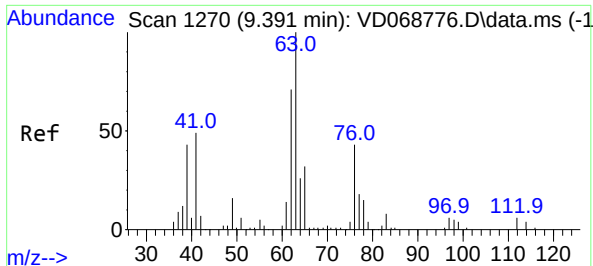
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#44
Trichloroethene
Concen: 22.67 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion:	130	Resp:	65640
Ion Ratio	Lower	Upper	
130	100		
95	94.5	0.0	203.8





#45

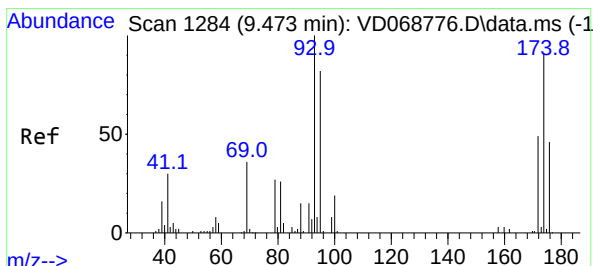
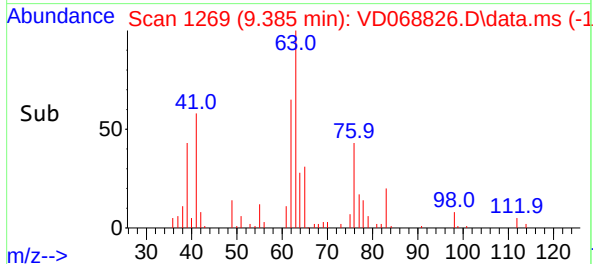
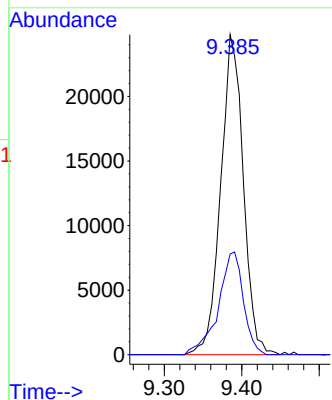
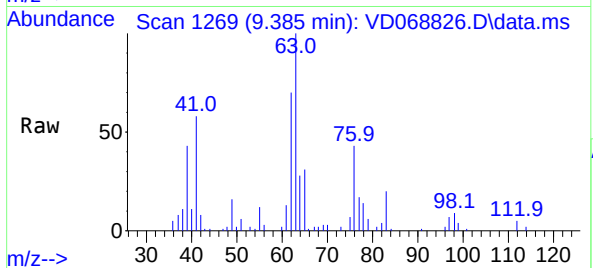
1,2-Dichloropropane
Concen: 20.07 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion: 63 Resp: 50247
Ion Ratio Lower Upper
63 100
65 31.4 27.0 40.4

Instrument :
MSVOA_D
ClientSampled :
VD0412SBS01

Manual Integrations
APPROVED

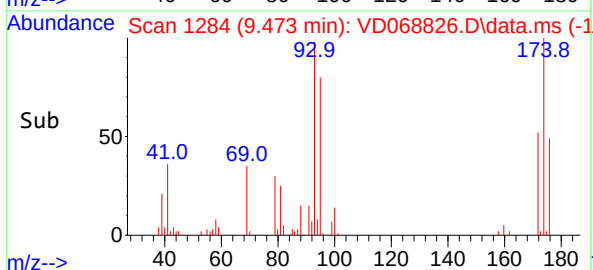
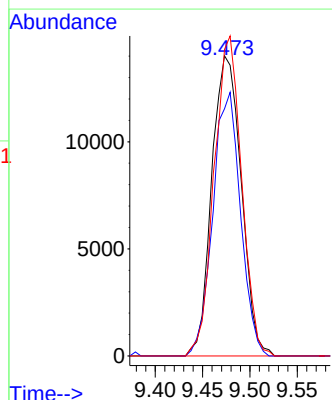
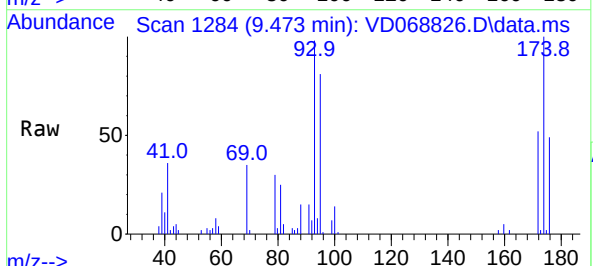
MMDadoda
4/13/2021 4:10:26 PM

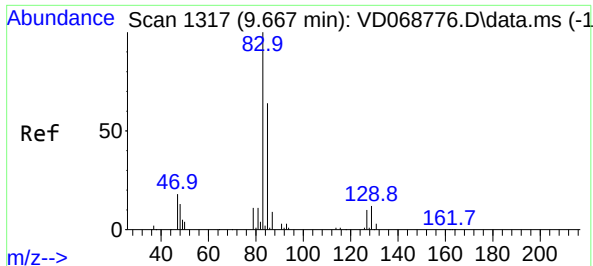


#46

Dibromomethane
Concen: 21.72 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion: 93 Resp: 30290
Ion Ratio Lower Upper
93 100
95 82.6 64.5 96.7
174 99.7 75.3 112.9





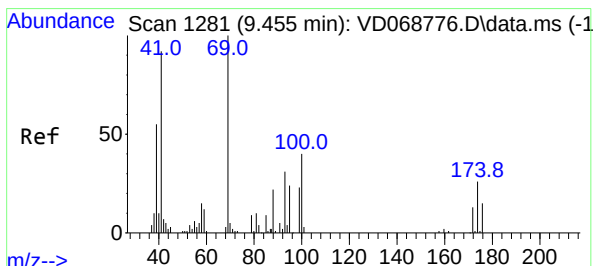
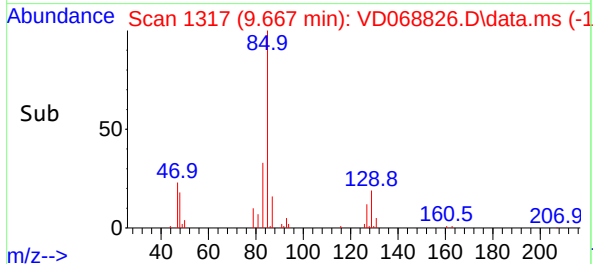
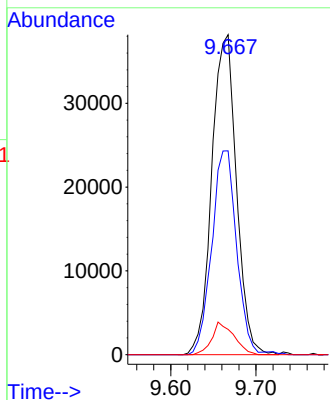
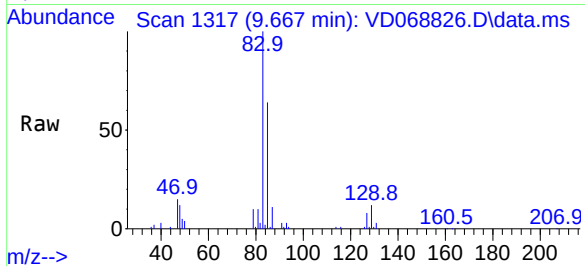
#47
Bromodichloromethane
Concen: 21.03 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion:	83	Resp:	76635
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.0	76.6
127	7.9	7.1	10.7

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

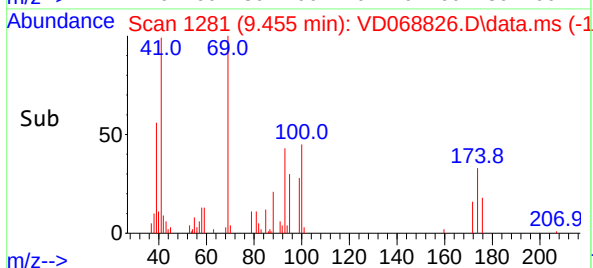
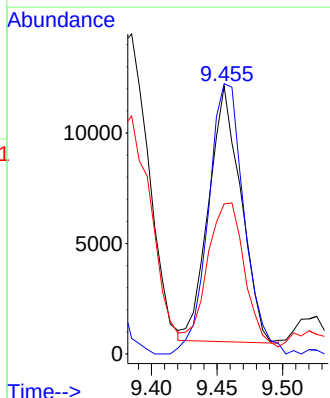
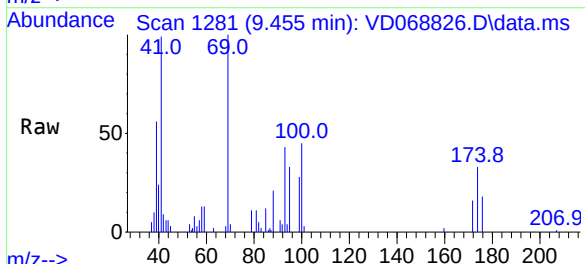
Manual Integrations
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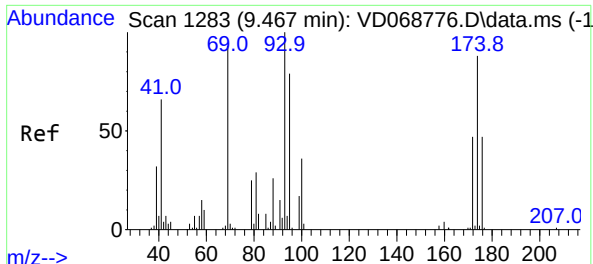
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#48
Methyl methacrylate
Concen: 18.72 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion:	41	Resp:	19790
Ion	Ratio	Lower	Upper
41	100		
69	117.4	83.0	124.6
39	65.2	47.0	70.6





#49

1,4-Dioxane

Concen: 413.49 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD068826.D

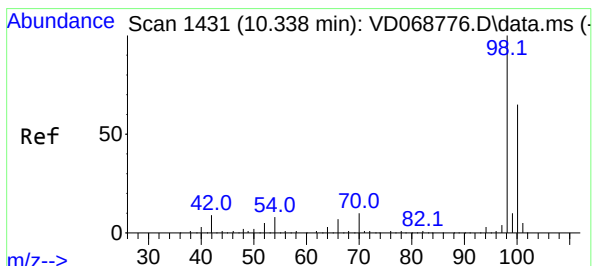
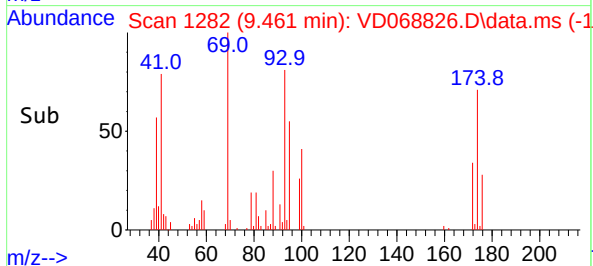
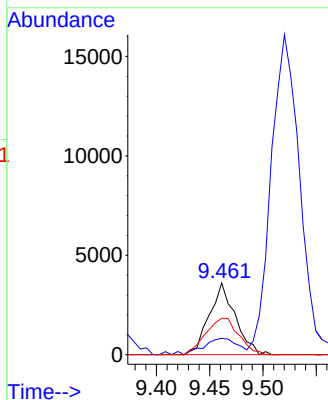
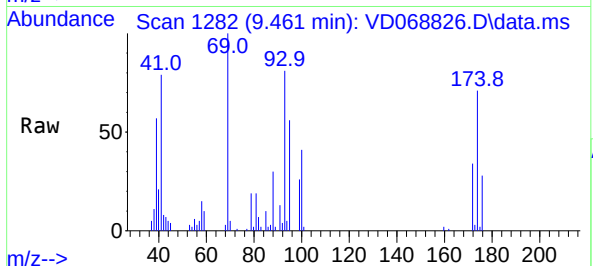
Acq: 12 Apr 2021 12:12

Tgt Ion:	88	Resp:	6106
Ion	Ratio	Lower	Upper
88	100		
43	30.6	25.8	38.8
58	64.3	54.0	81.0

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

Manual Integrations
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#50

Toluene-d8

Concen: 53.48 ug/l

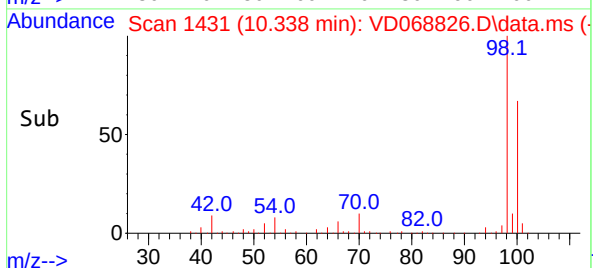
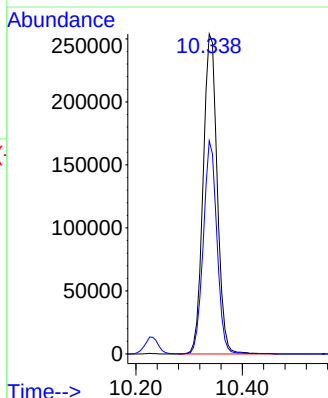
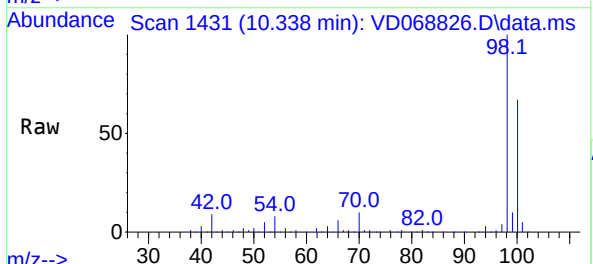
RT: 10.338 min Scan# 1431

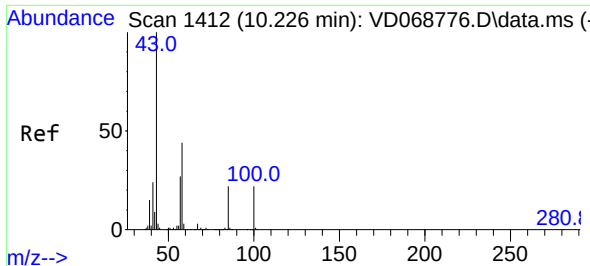
Delta R.T. -0.000 min

Lab File: VD068826.D

Acq: 12 Apr 2021 12:12

Tgt Ion:	98	Resp:	464404
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.8	77.6





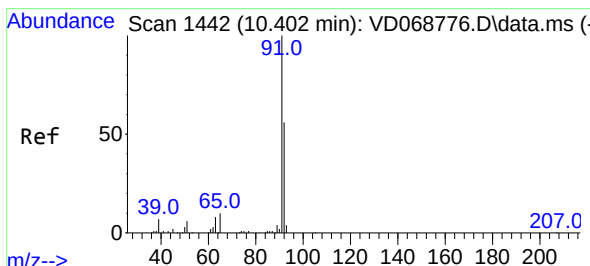
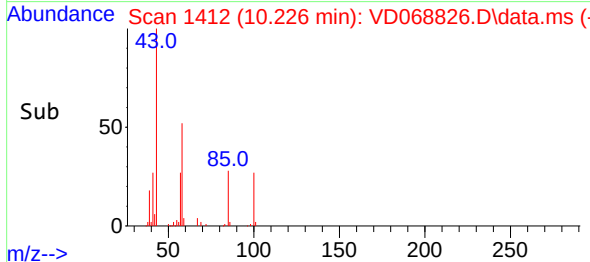
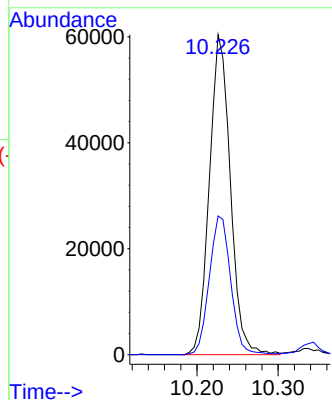
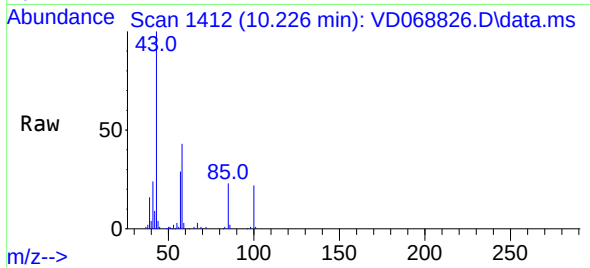
#51
4-Methyl-2-Pentanone
Concen: 100.22 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion: 43 Resp: 108355
Ion Ratio Lower Upper
43 100
58 44.3 37.3 55.9

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

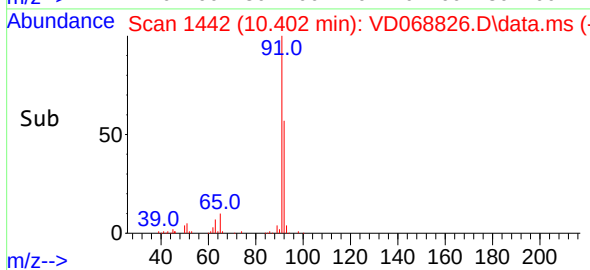
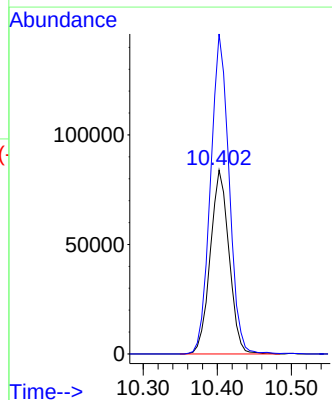
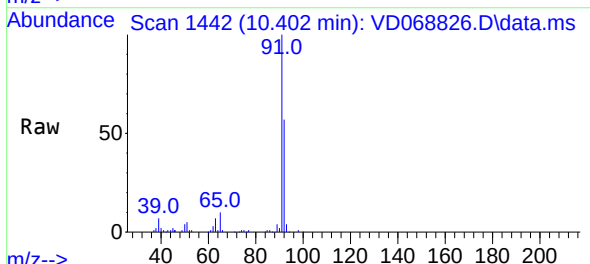
Manual Integrations
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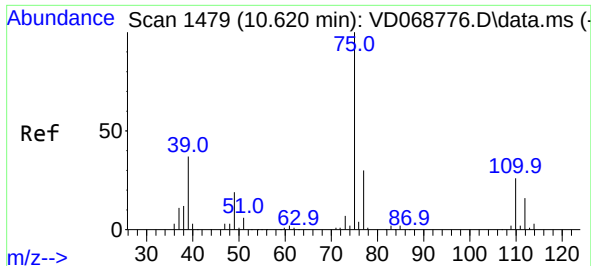
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#52
Toluene
Concen: 22.25 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion: 92 Resp: 147654
Ion Ratio Lower Upper
92 100
91 172.5 139.1 208.7





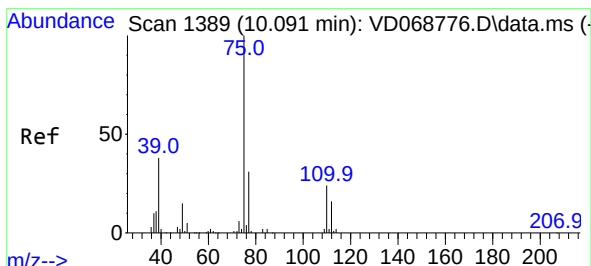
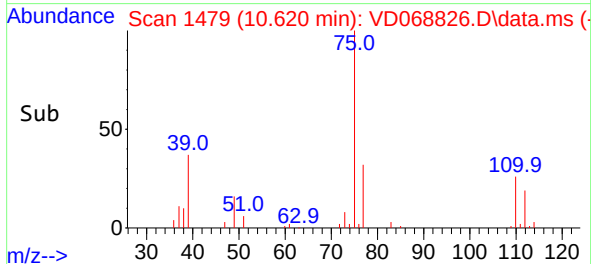
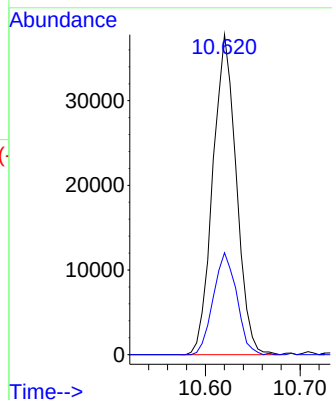
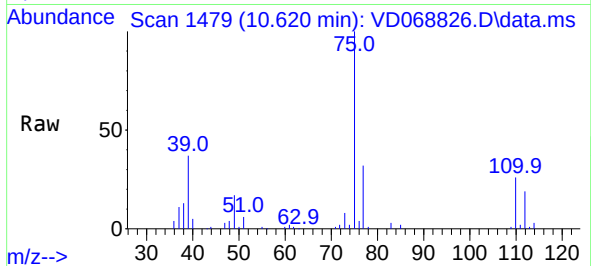
#53
t-1,3-Dichloropropene
Concen: 20.22 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion: 75 Resp: 65295
Ion Ratio Lower Upper
75 100
77 31.8 25.1 37.7

Instrument :
MSVOA_D
ClientSampled :
VD0412SBS01

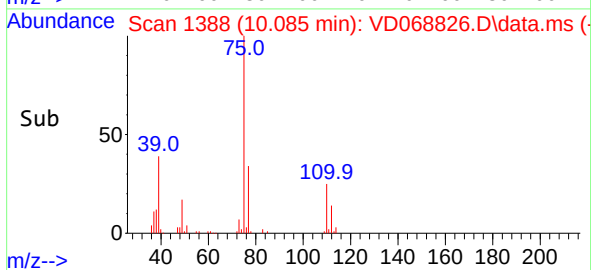
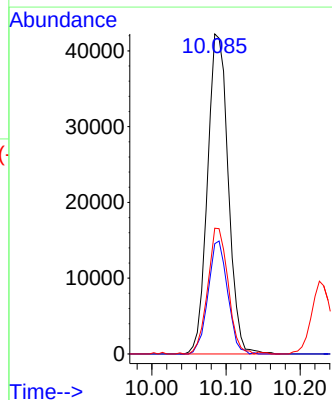
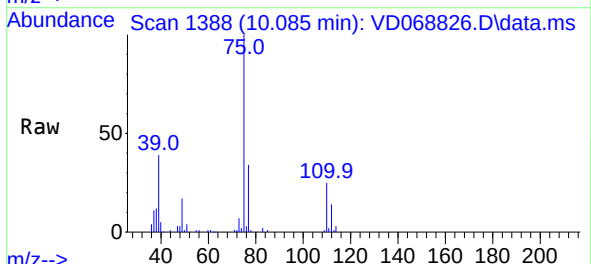
Manual Integrations
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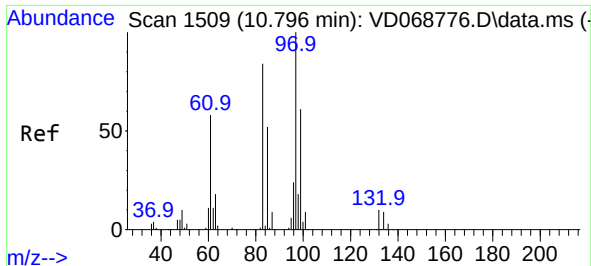
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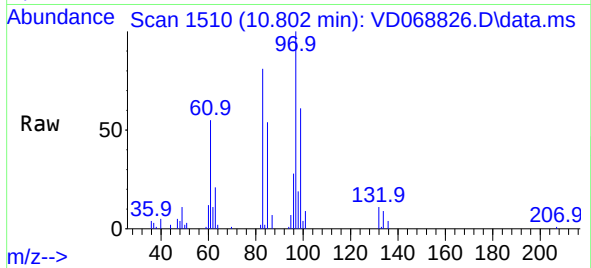
#54
cis-1,3-Dichloropropene
Concen: 21.24 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.006 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion: 75 Resp: 82075
Ion Ratio Lower Upper
75 100
77 34.4 24.7 37.1
39 39.3 30.2 45.2

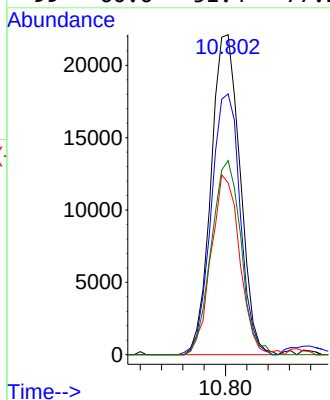




#55
1,1,2-Trichloroethane
Concen: 21.19 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



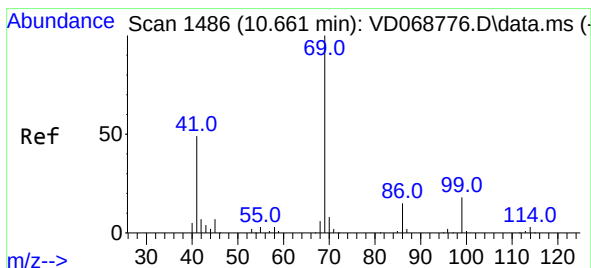
Tgt Ion:	97	Resp:	41794
Ion	Ratio	Lower	Upper
97	100		
83	81.5	65.7	98.5
85	53.7	44.3	66.5
99	60.6	51.4	77.2



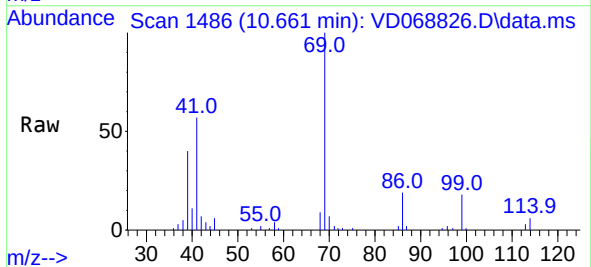
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

Manual Integrations
APPROVED

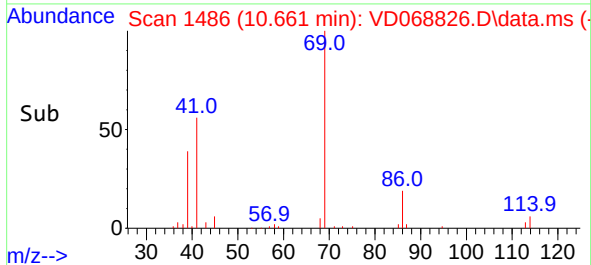
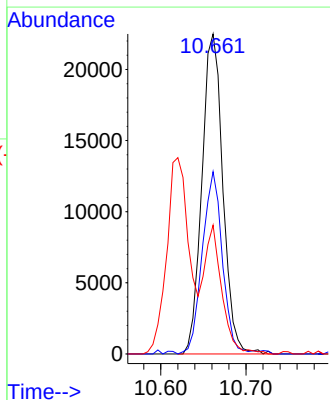
MMDadoda
4/13/2021 4:10:26 PM

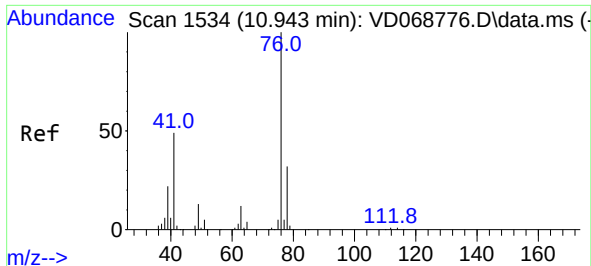


#56
Ethyl methacrylate
Concen: 18.94 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



Tgt Ion:	69	Resp:	38454
Ion	Ratio	Lower	Upper
69	100		
41	55.3	42.2	63.4
39	33.9	24.2	36.2





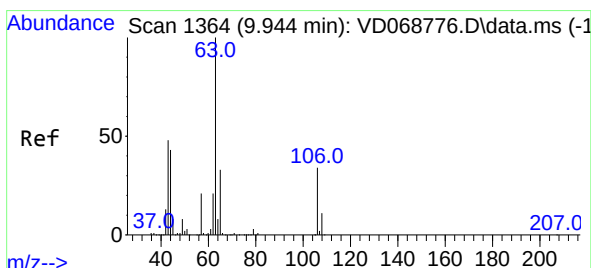
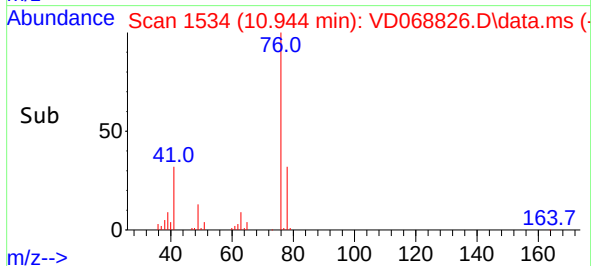
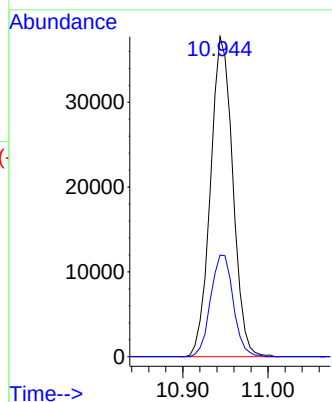
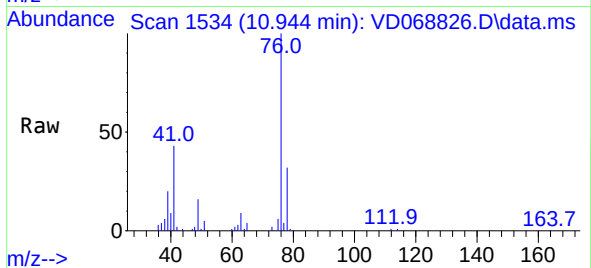
#57
1,3-Dichloropropane
Concen: 21.14 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.001 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion: 76 Resp: 68660
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.6

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

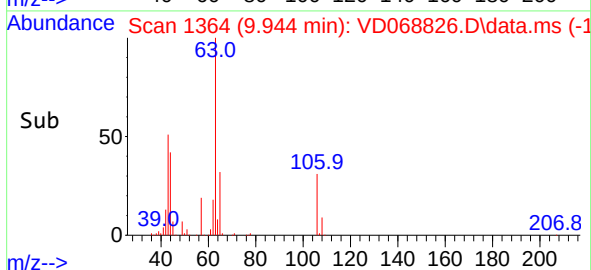
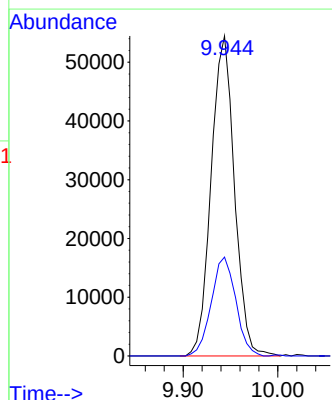
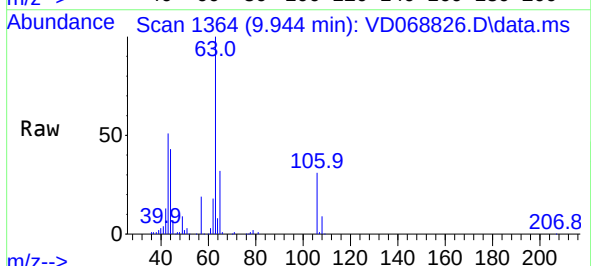
Manual Integrations
APPROVED

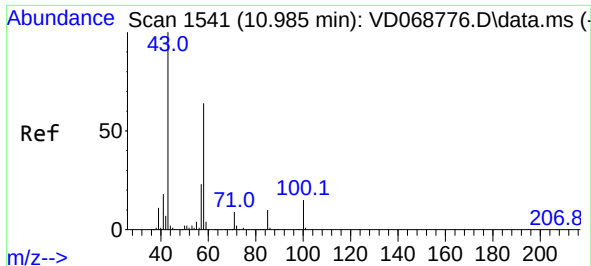
MMDadoda
4/13/2021 4:10:26 PM



#58
2-Chloroethyl Vinyl ether
Concen: 97.41 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

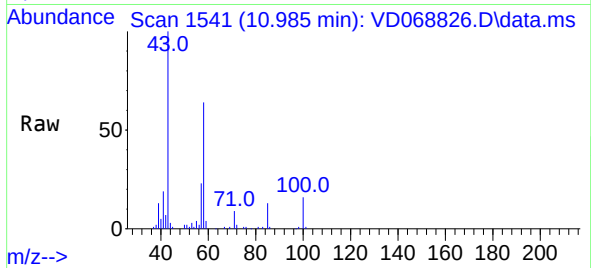
Tgt Ion: 63 Resp: 93257
Ion Ratio Lower Upper
63 100
106 32.5 24.6 36.8





#59
2-Hexanone
Concen: 103.18 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

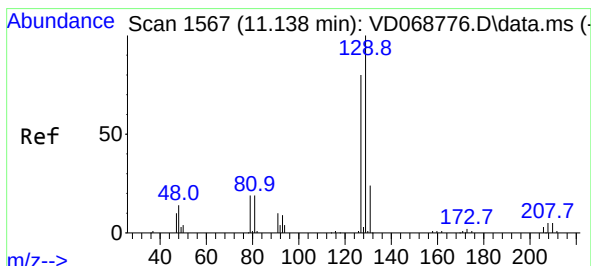
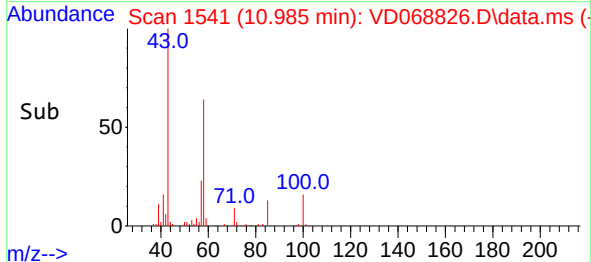
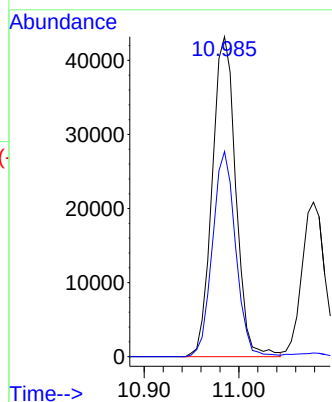
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01



Tgt Ion: 43 Resp: 74644
Ion Ratio Lower Upper
43 100
58 63.0 31.3 93.8

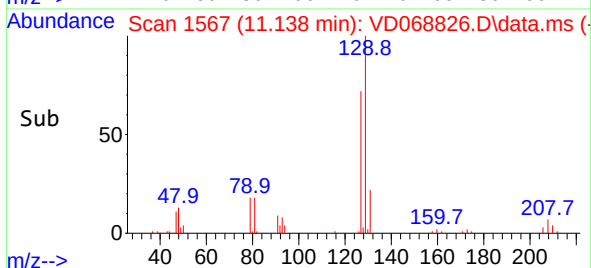
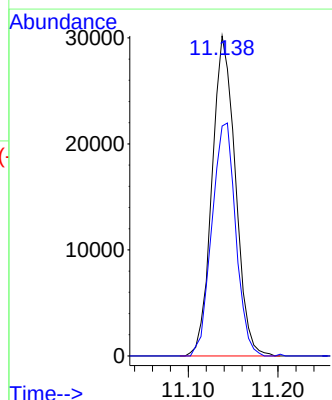
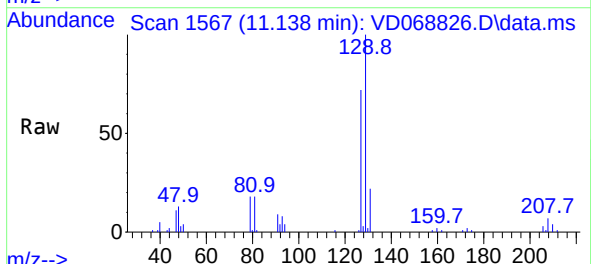
Manual Integrations
APPROVED

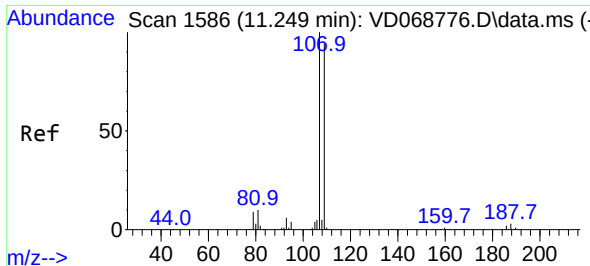
MMDadoda
4/13/2021 4:10:26 PM



#60
Dibromochloromethane
Concen: 22.06 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

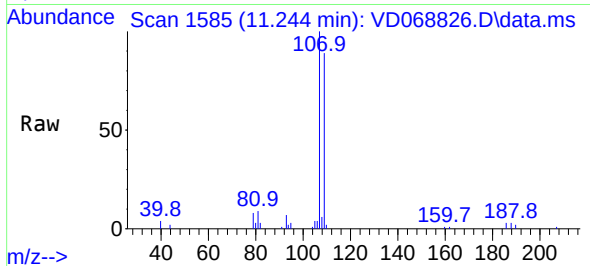
Tgt Ion: 129 Resp: 54544
Ion Ratio Lower Upper
129 100
127 74.3 38.8 116.3





#61
1,2-Dibromoethane
Concen: 21.12 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.005 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

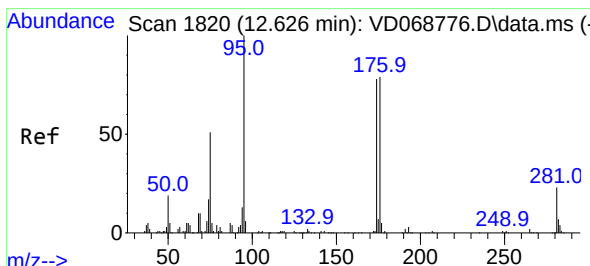
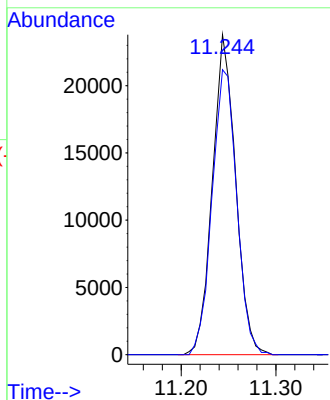
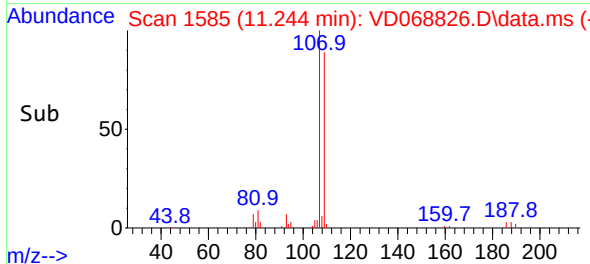
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01



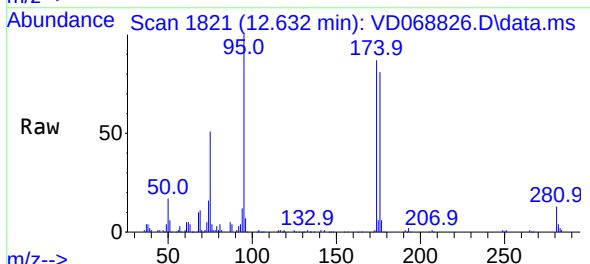
Tgt Ion:107 Resp: 40484
Ion Ratio Lower Upper
107 100
109 94.7 74.9 112.3

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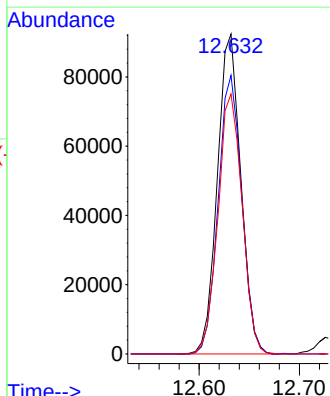
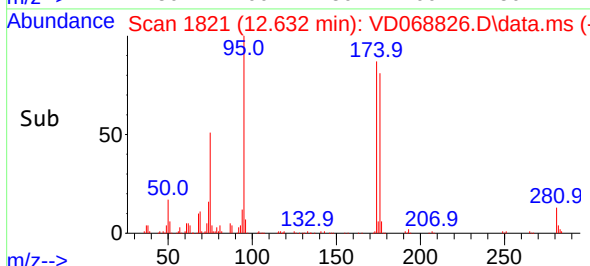
MMDadoda
4/13/2021 4:10:26 PM

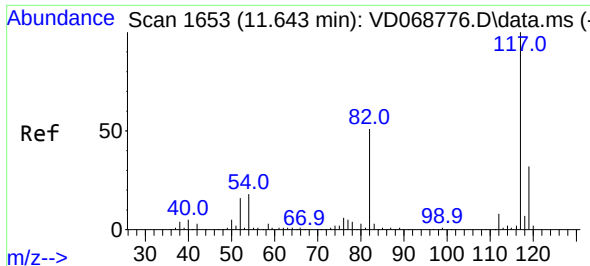


#62
4-Bromofluorobenzene
Concen: 51.85 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



Tgt Ion: 95 Resp: 149533
Ion Ratio Lower Upper
95 100
174 87.8 0.0 168.0
176 83.5 0.0 160.2





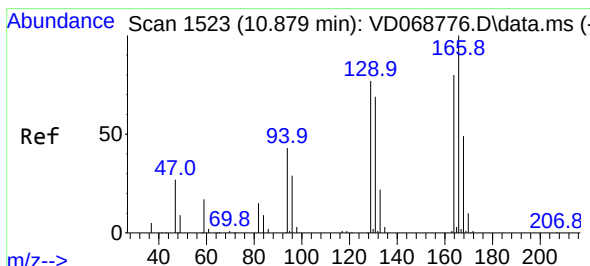
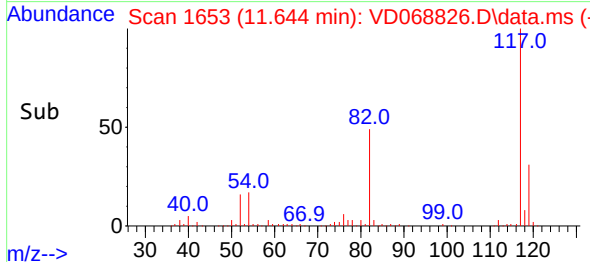
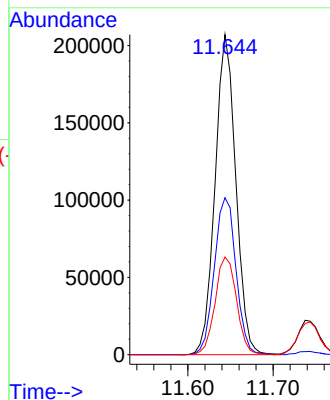
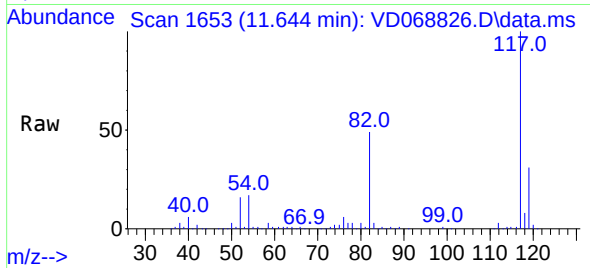
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion:117 Resp: 349804
Ion Ratio Lower Upper
117 100
82 49.0 43.5 65.3
119 30.5 26.7 40.1

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

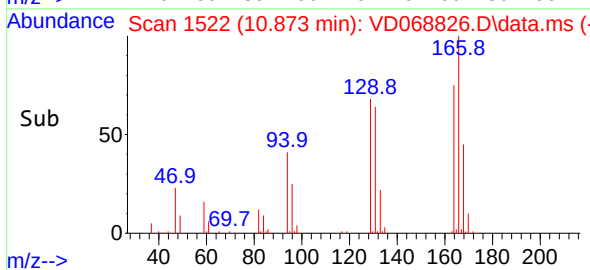
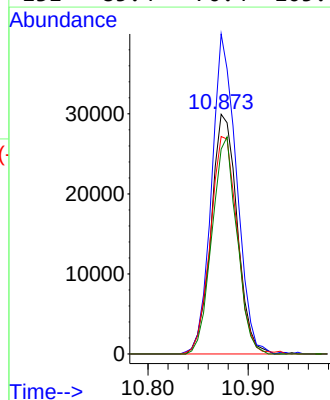
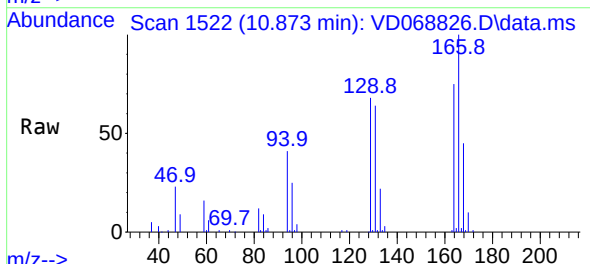
Manual Integrations
APPROVED

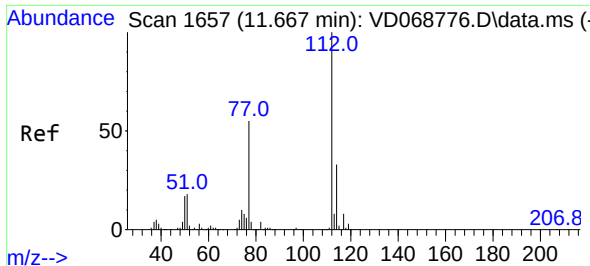
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#64
Tetrachloroethene
Concen: 21.96 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

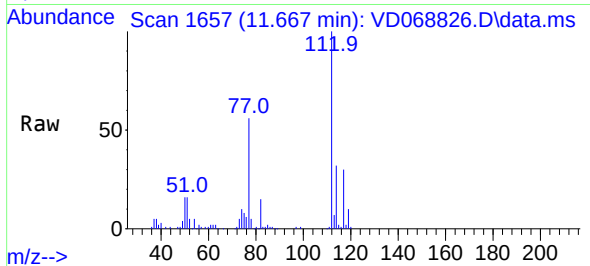
Tgt Ion:164 Resp: 53845
Ion Ratio Lower Upper
164 100
166 133.5 103.0 154.6
129 90.7 77.4 116.0
131 85.4 70.4 105.6





#65
Chlorobenzene
Concen: 21.16 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

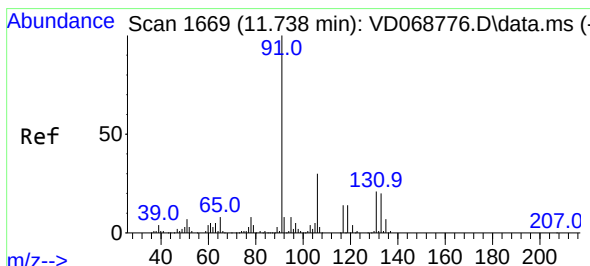
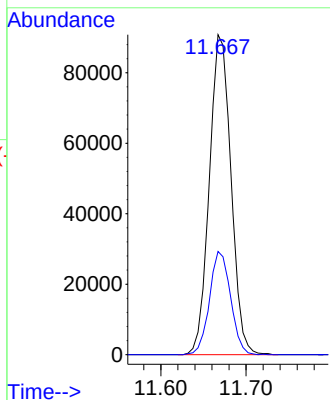
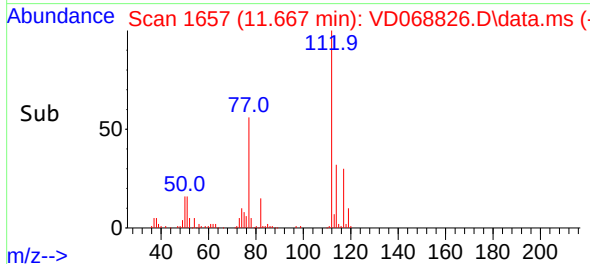
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01



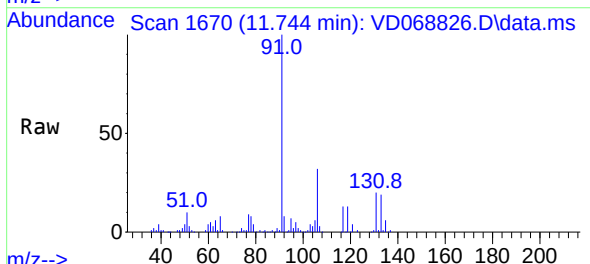
Tgt Ion:112 Resp: 160250
Ion Ratio Lower Upper
112 100
114 32.3 25.2 37.8

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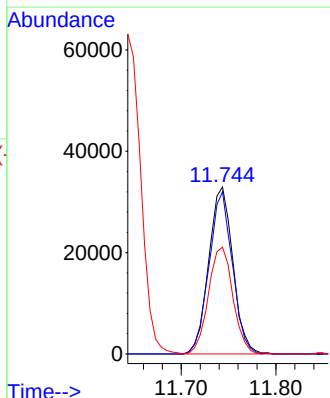
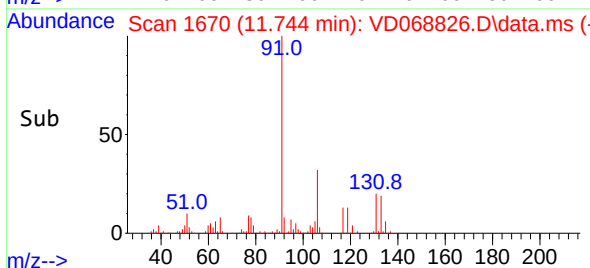
MMDadoda
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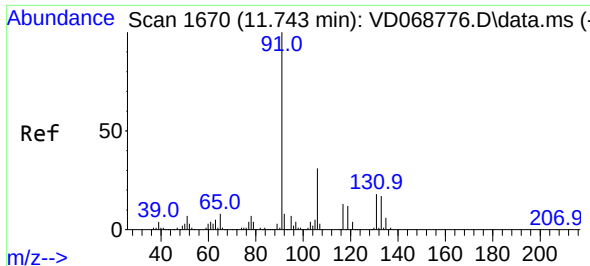


#66
1,1,1,2-Tetrachloroethane
Concen: 21.40 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



Tgt Ion:131 Resp: 58264
Ion Ratio Lower Upper
131 100
133 94.3 47.0 141.2
119 65.1 32.8 98.3





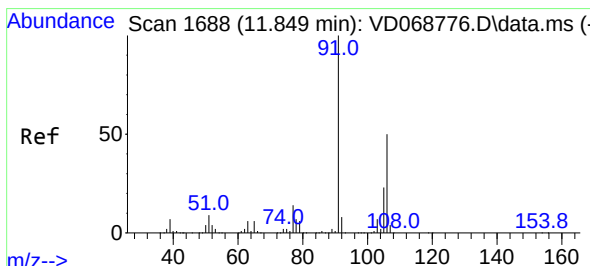
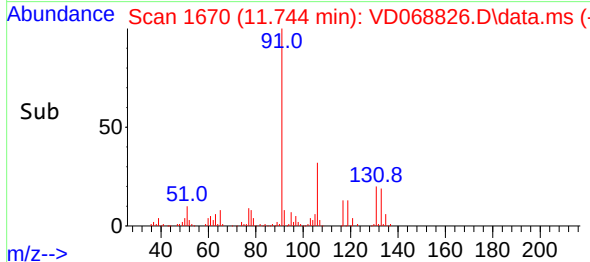
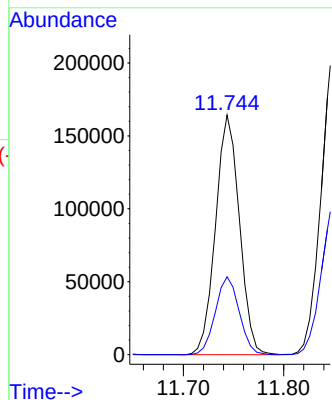
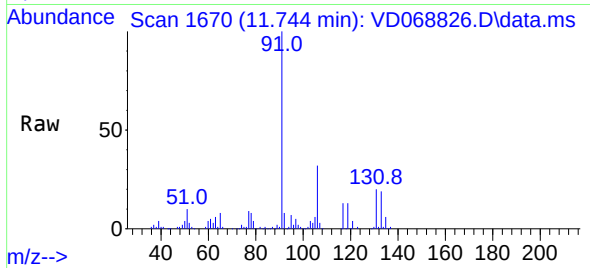
#67
Ethyl Benzene
Concen: 20.71 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.001 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion: 91 Resp: 271582
Ion Ratio Lower Upper
91 100
106 32.5 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

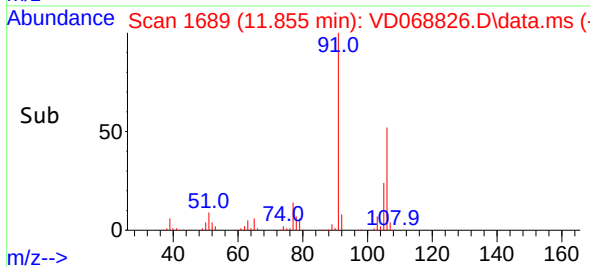
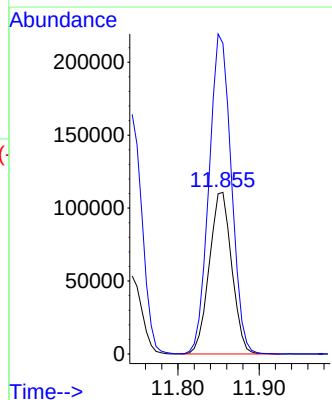
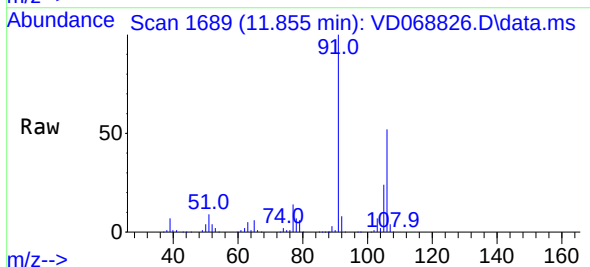
Manual Integrations
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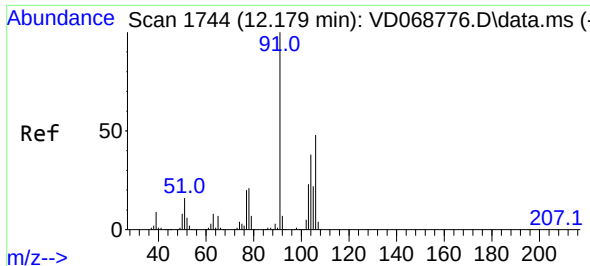
MMDadoda
4/13/2021 4:10:26 PM



#68
m/p-Xylenes
Concen: 42.08 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

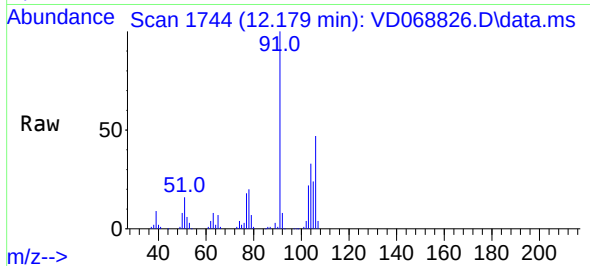
Tgt Ion: 106 Resp: 212897
Ion Ratio Lower Upper
106 100
91 196.7 158.6 238.0





#69
o-Xylene
Concen: 20.52 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

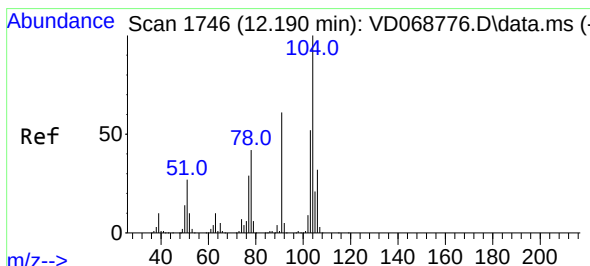
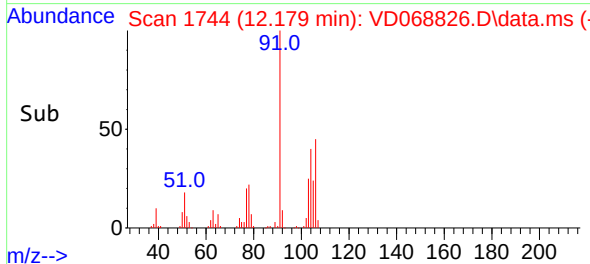
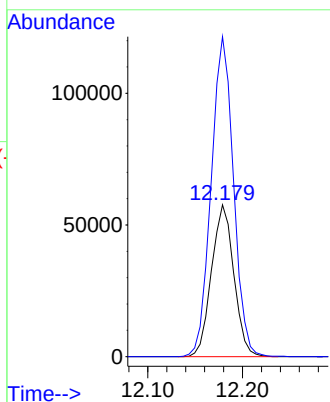
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01



Tgt Ion:106 Resp: 94411
Ion Ratio Lower Upper
106 100
91 210.9 105.0 315.0

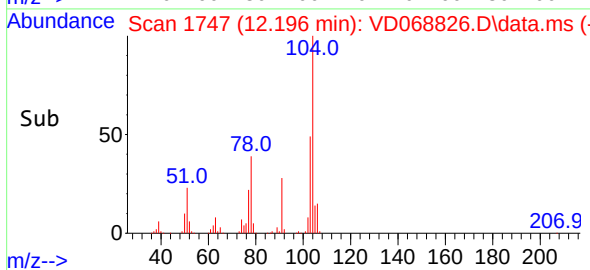
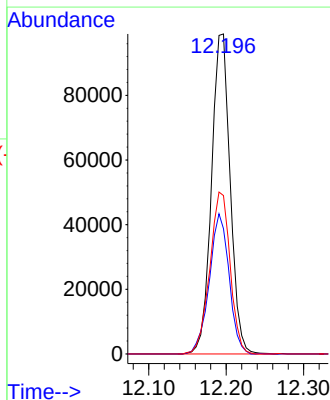
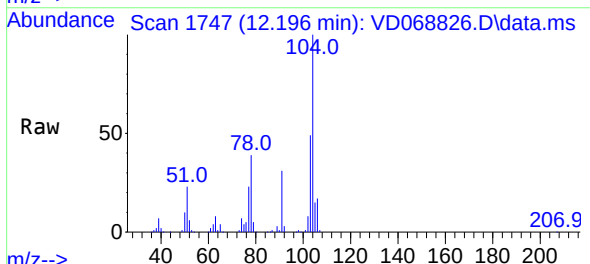
Manual Integrations
APPROVED

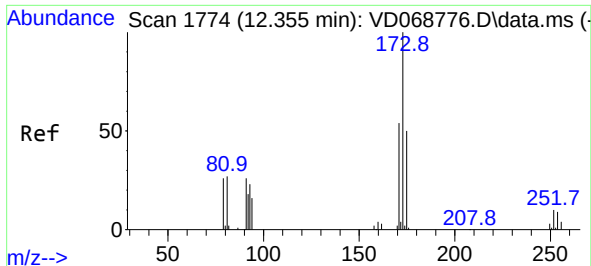
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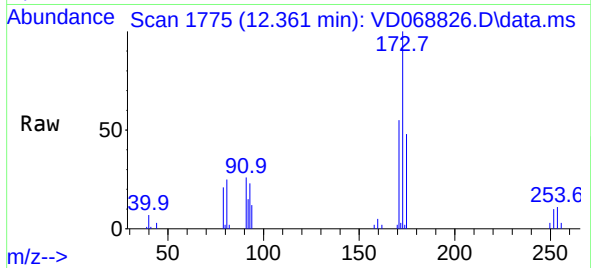
#70
Styrene
Concen: 20.69 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion:104 Resp: 165892
Ion Ratio Lower Upper
104 100
78 46.3 36.9 55.3
103 55.0 44.3 66.5

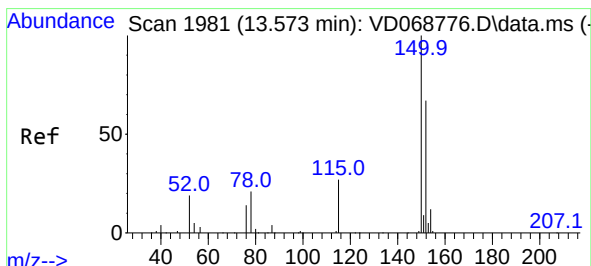
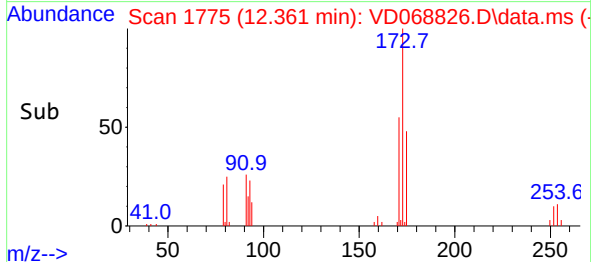
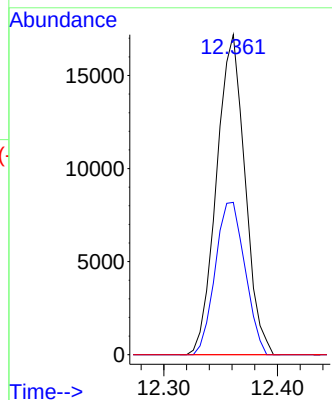




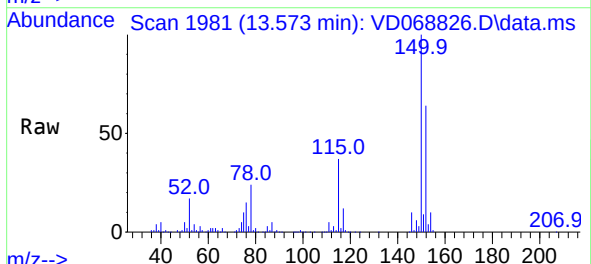
#71
Bromoform
Concen: 20.49 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



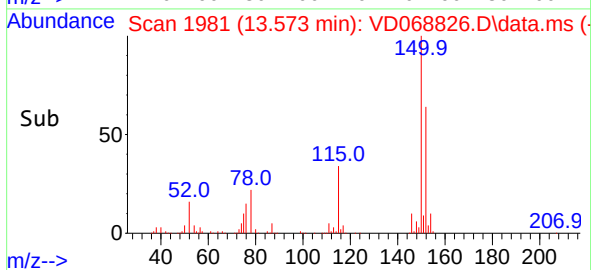
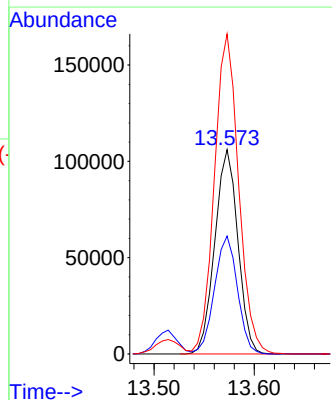
Tgt Ion:173 Resp: 29889
Ion Ratio Lower Upper
173 100
175 49.9 23.6 71.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



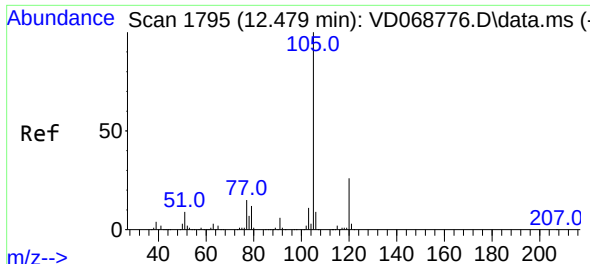
Tgt Ion:152 Resp: 169458
Ion Ratio Lower Upper
152 100
115 57.5 29.3 87.8
150 164.4 0.0 347.6



Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

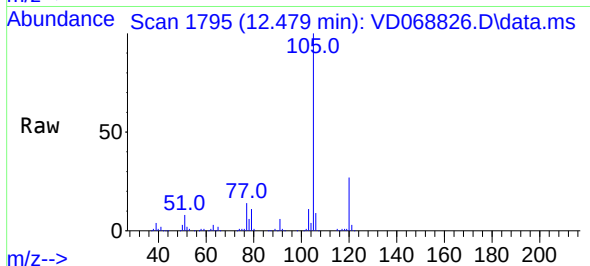
Manual Integrations
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4/13/2021 4:10:26 PM



#73
Isopropylbenzene
Concen: 20.97 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

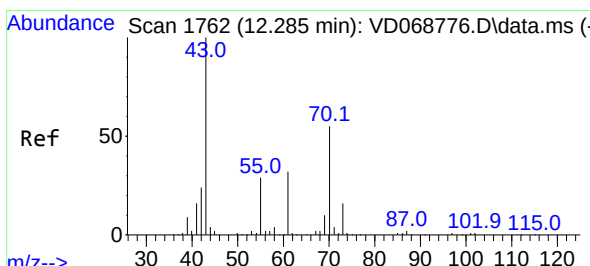
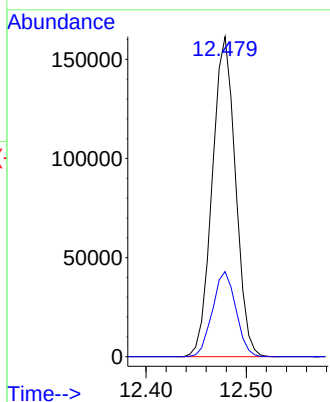
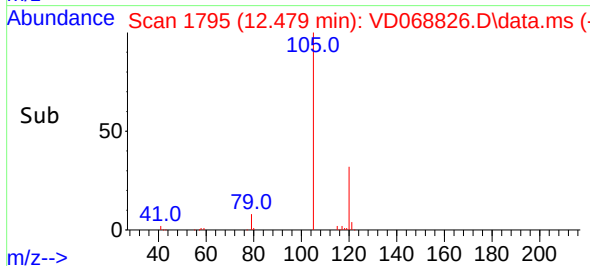
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01



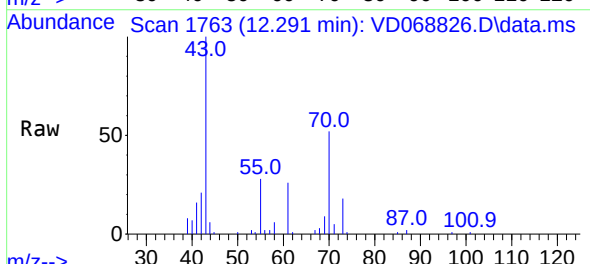
Tgt Ion:105 Resp: 259470
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2

Manual Integrations
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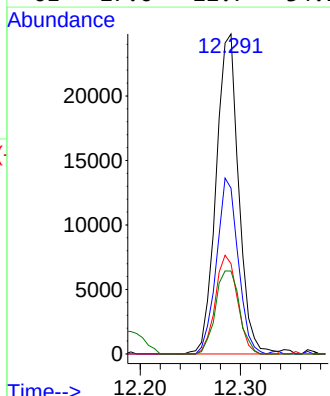
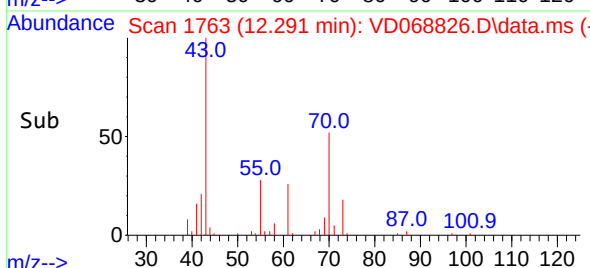
MMDadoda
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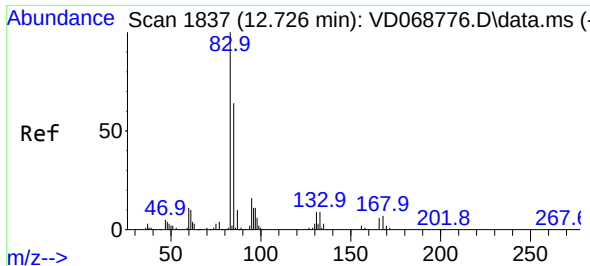


#74
N-ethyl acetate
Concen: 18.50 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. 0.006 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

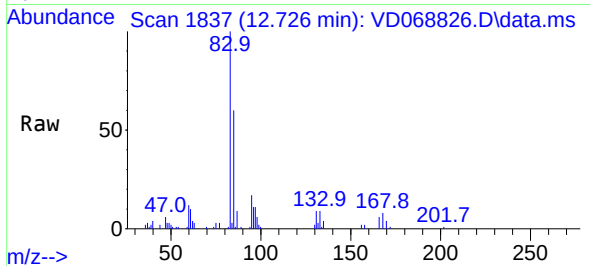


Tgt Ion: 43 Resp: 38819
Ion Ratio Lower Upper
43 100
70 52.5 41.9 62.9
55 29.9 22.8 34.2
61 27.6 22.7 34.1

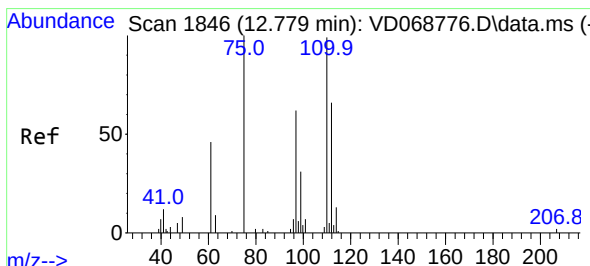
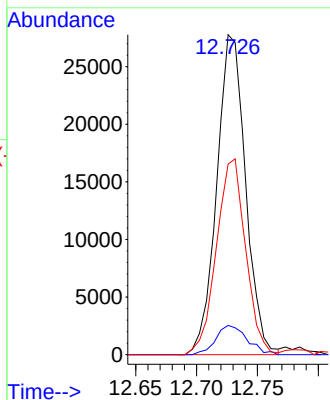
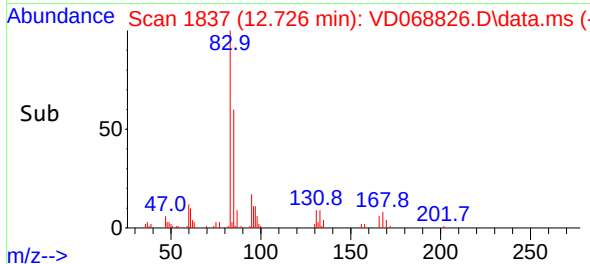




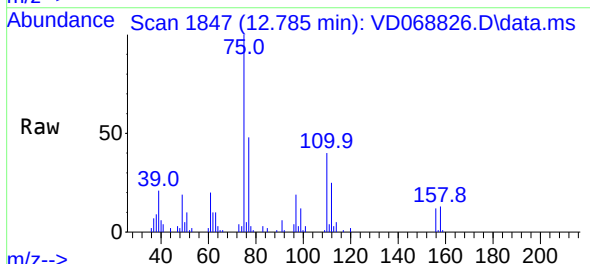
#75
1,1,2,2-Tetrachloroethane
Concen: 19.81 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



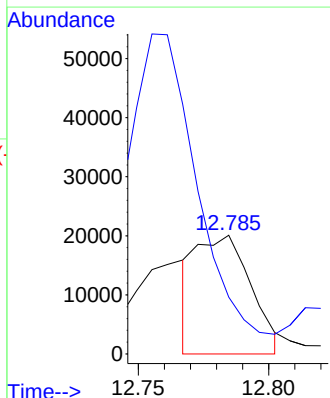
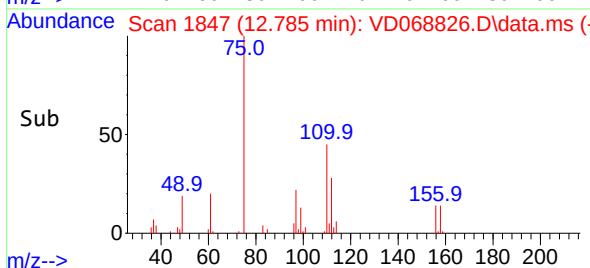
Tgt Ion: 83 Resp: 45820
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 62.0 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 19.03 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



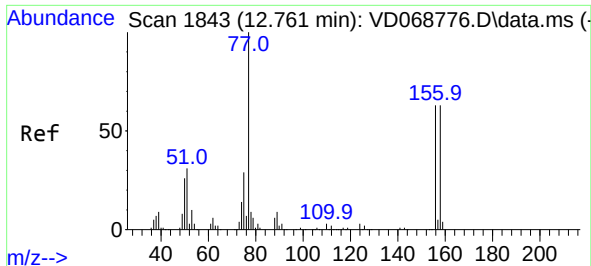
Tgt Ion: 75 Resp: 29468
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

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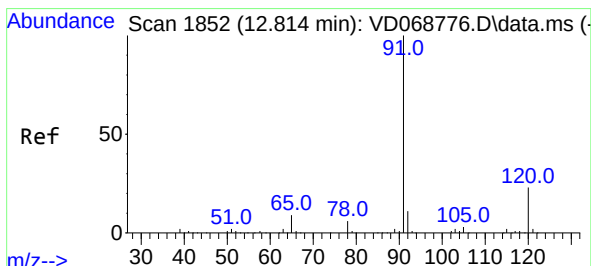
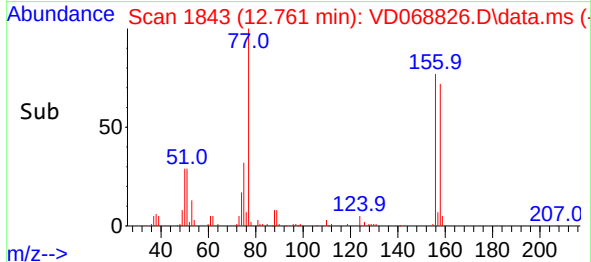
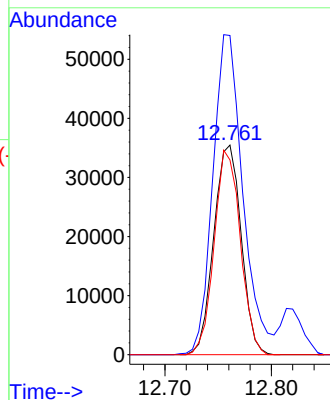
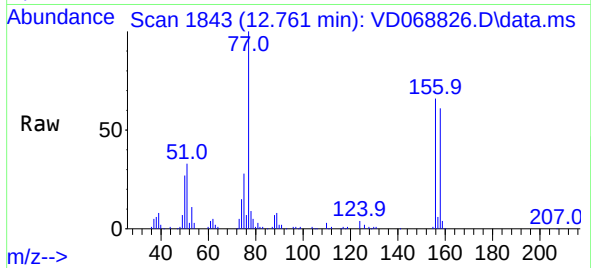
#77
Bromobenzene
Concen: 21.29 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

Tgt Ion: 156 Resp: 63322
Ion Ratio Lower Upper
156 100
77 167.8 88.9 266.8
158 93.3 47.7 143.1

Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

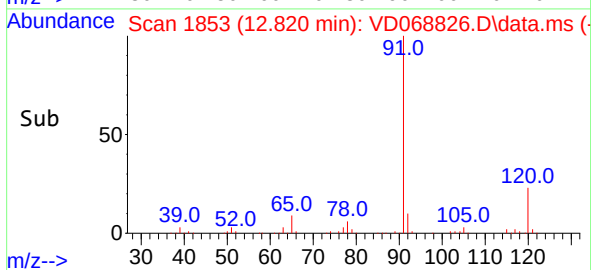
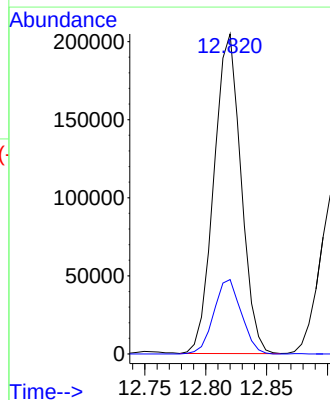
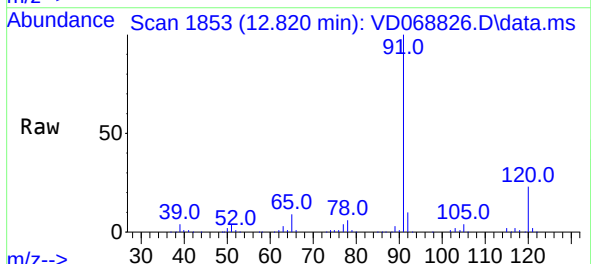
Manual Integrations
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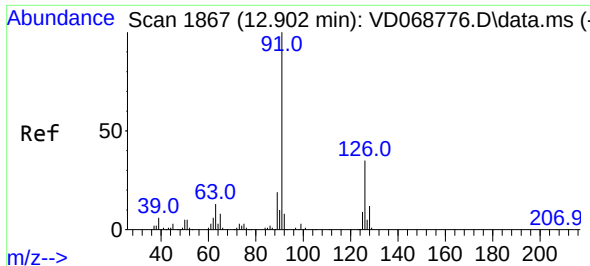
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#78
n-propylbenzene
Concen: 21.10 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

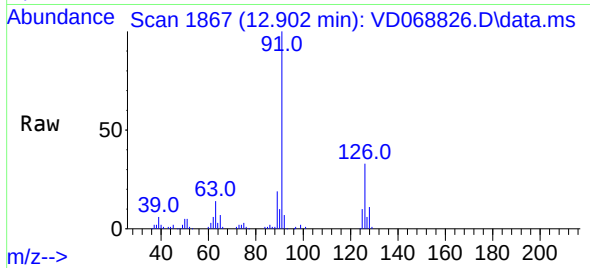
Tgt Ion: 91 Resp: 317125
Ion Ratio Lower Upper
91 100
120 23.6 11.4 34.2





#79
2-Chlorotoluene
Concen: 20.80 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

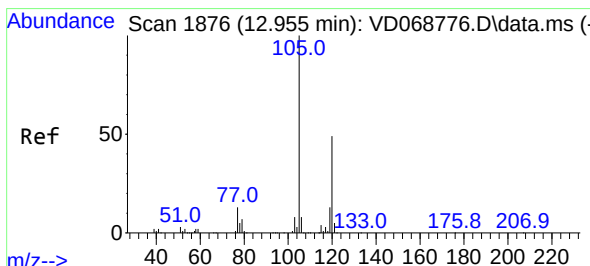
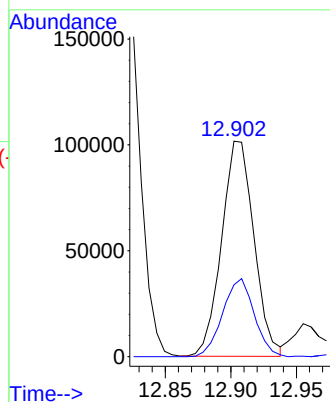
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01



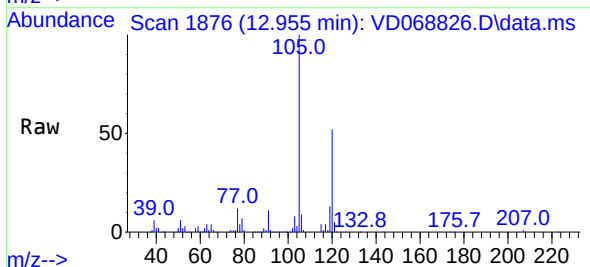
Tgt Ion: 91 Resp: 174608
Ion Ratio Lower Upper
91 100
126 35.4 17.1 51.3

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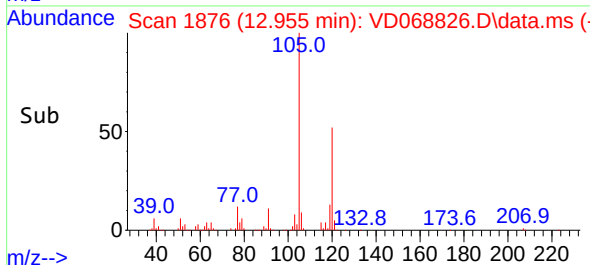
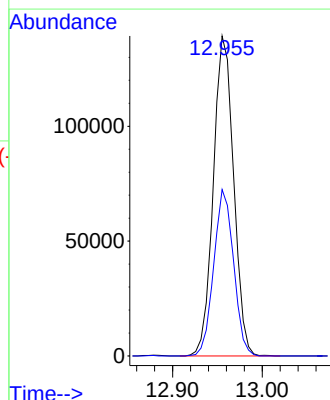
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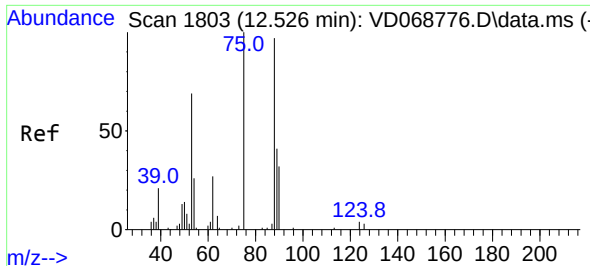


#80
1,3,5-Trimethylbenzene
Concen: 21.16 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

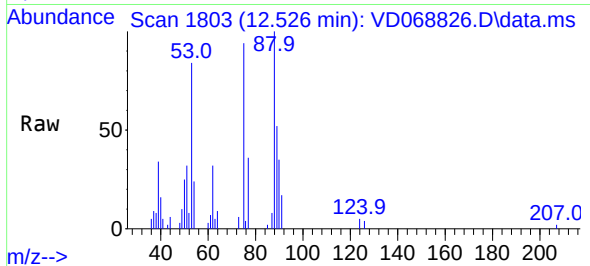


Tgt Ion: 105 Resp: 218906
Ion Ratio Lower Upper
105 100
120 50.8 24.9 74.7

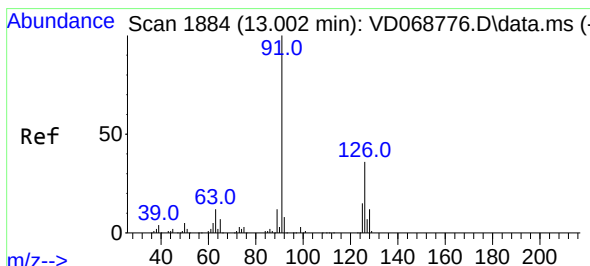
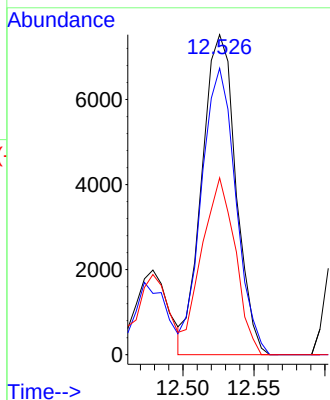
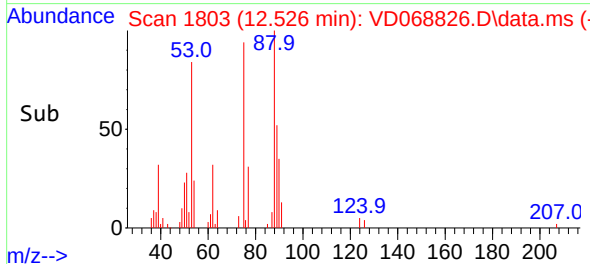




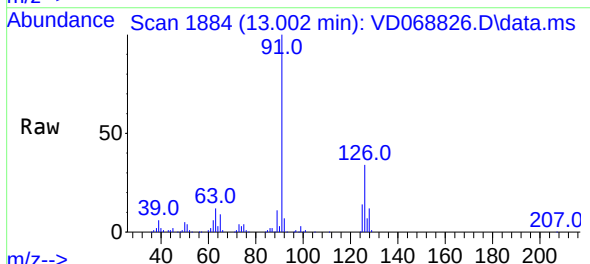
#81
trans-1,4-Dichloro-2-butene
Concen: 18.79 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



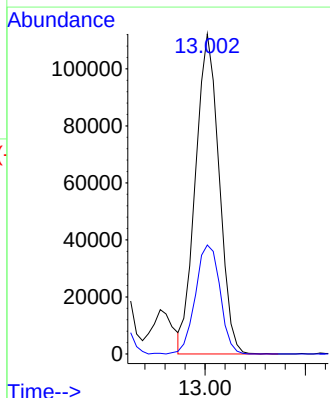
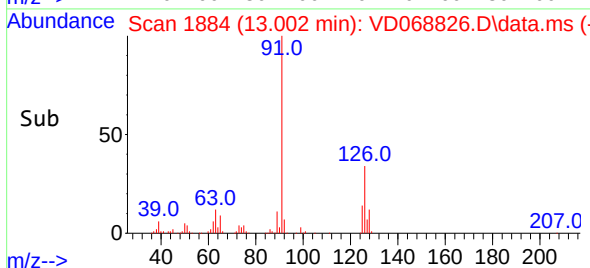
Tgt Ion: 75 Resp: 12536
Ion Ratio Lower Upper
75 100
53 90.7 66.8 100.2
89 54.7 36.6 54.8



#82
4-Chlorotoluene
Concen: 20.64 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



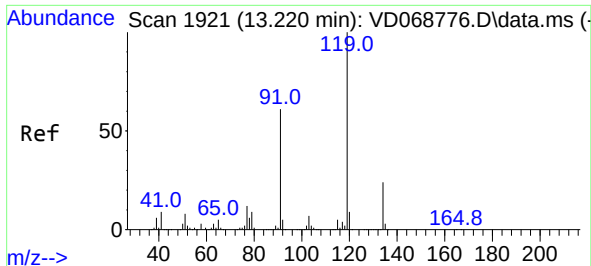
Tgt Ion: 91 Resp: 183644
Ion Ratio Lower Upper
91 100
126 35.5 17.2 51.5



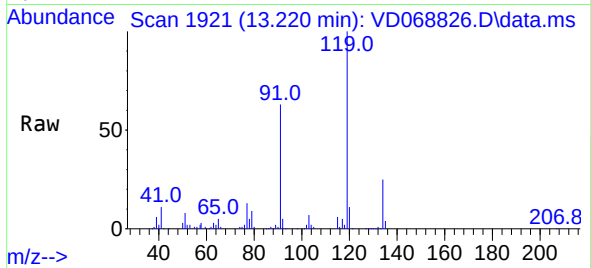
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

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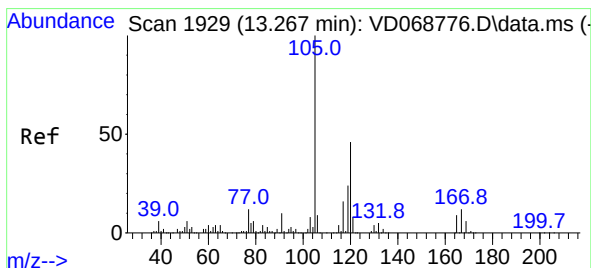
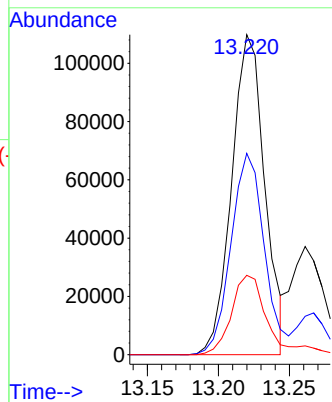
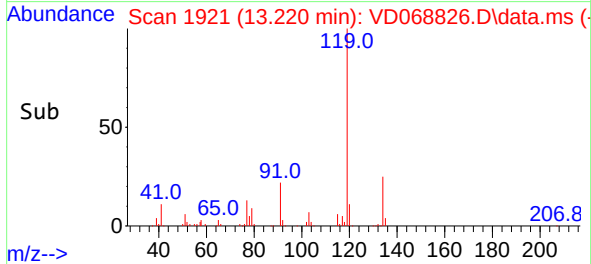
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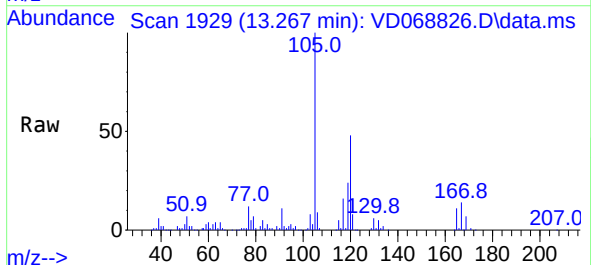
#83
tert-Butylbenzene
Concen: 20.26 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



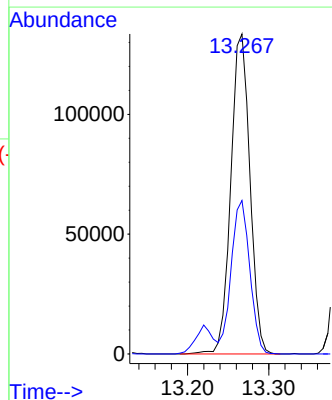
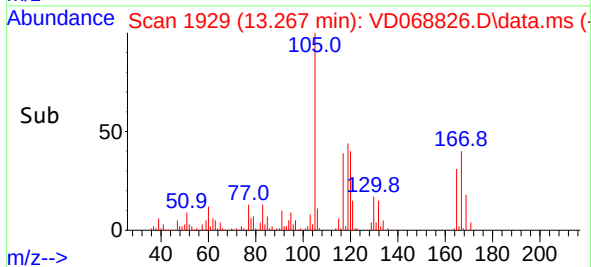
Tgt Ion:119 Resp: 177872
Ion Ratio Lower Upper
119 100
91 63.6 31.6 95.0
134 27.1 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 20.83 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



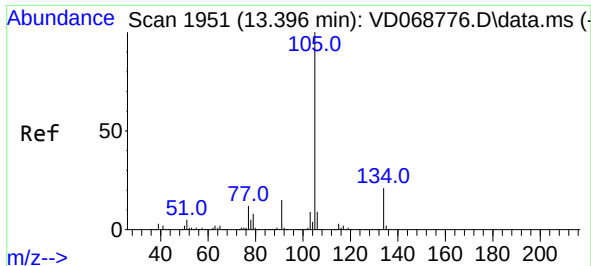
Tgt Ion:105 Resp: 217668
Ion Ratio Lower Upper
105 100
120 46.8 22.6 67.7



Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

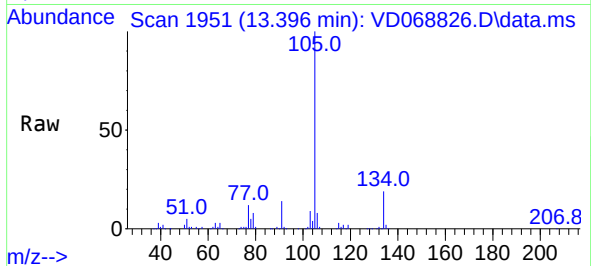
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#85
sec-Butylbenzene
Concen: 21.03 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

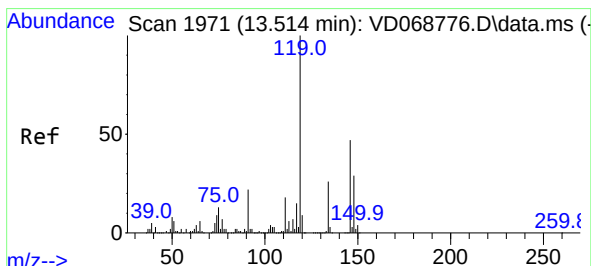
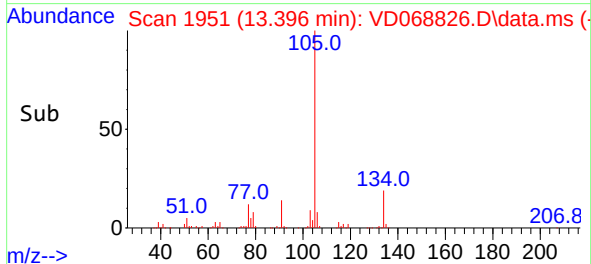
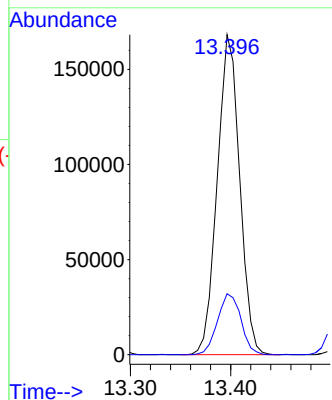
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01



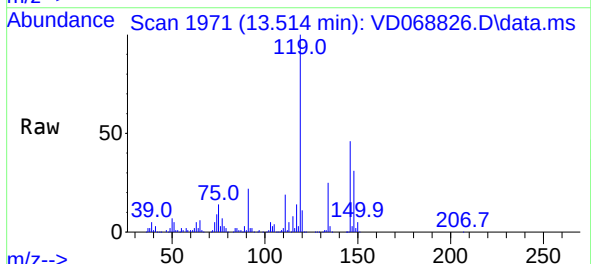
Tgt Ion:105 Resp: 260515
Ion Ratio Lower Upper
105 100
134 19.9 10.0 29.8

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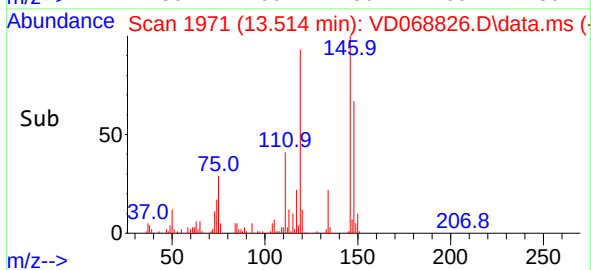
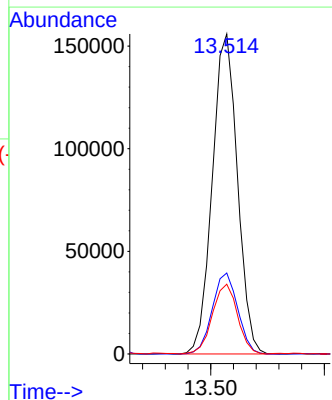
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4/13/2021 4:10:26 PM

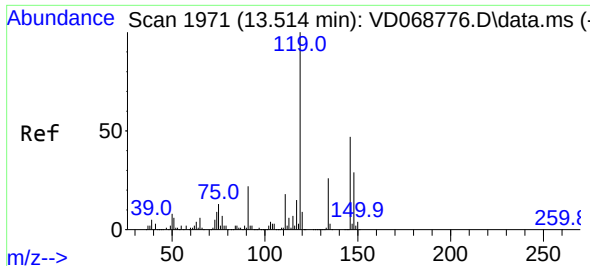


#86
p-Isopropyltoluene
Concen: 21.16 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

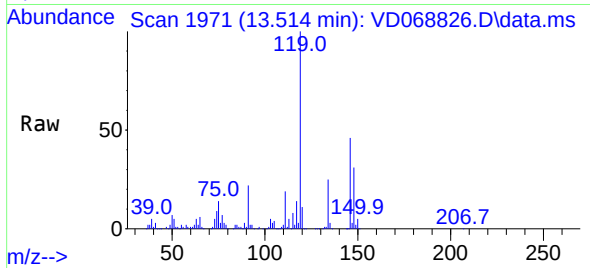


Tgt Ion:119 Resp: 239431
Ion Ratio Lower Upper
119 100
134 25.6 13.3 39.9
91 21.9 11.1 33.1

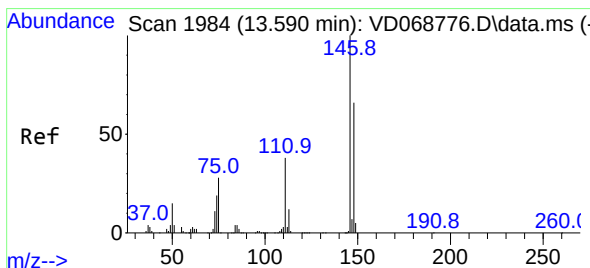
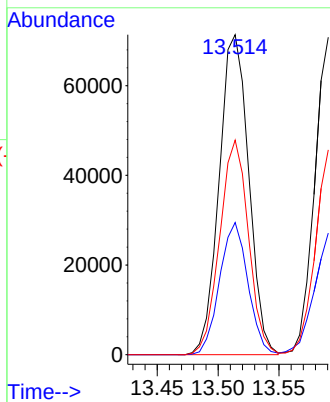
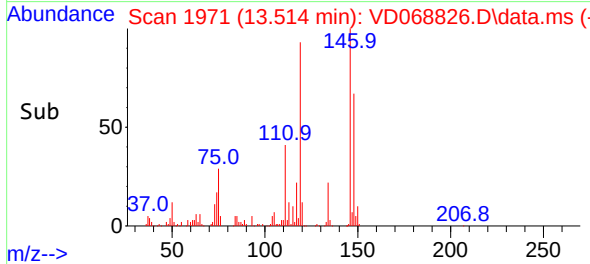




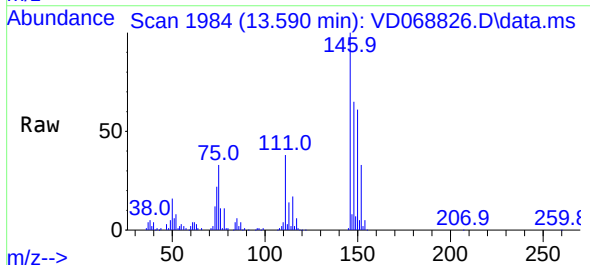
#87
1,3-Dichlorobenzene
Concen: 20.44 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



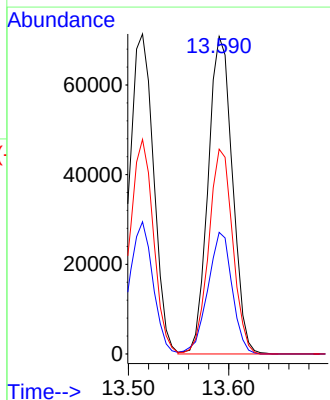
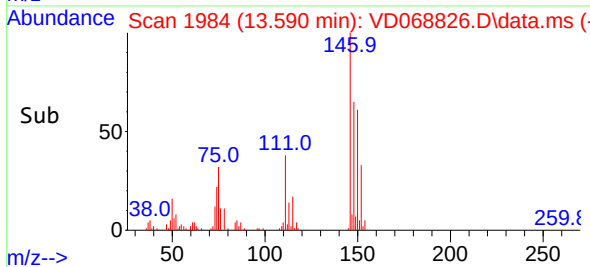
Tgt Ion:146 Resp: 120444
Ion Ratio Lower Upper
146 100
111 39.6 19.3 57.8
148 65.3 30.9 92.8



#88
1,4-Dichlorobenzene
Concen: 20.46 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



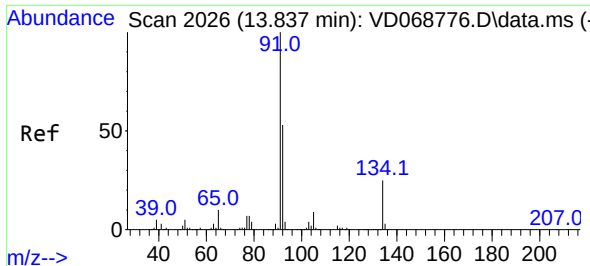
Tgt Ion:146 Resp: 119333
Ion Ratio Lower Upper
146 100
111 38.4 19.1 57.1
148 63.8 31.6 95.0



Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01

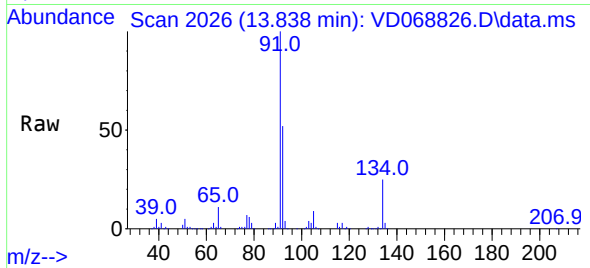
Manual Integrations
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#89
n-Butylbenzene
Concen: 20.48 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.001 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

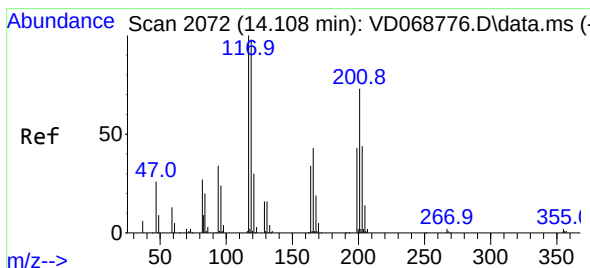
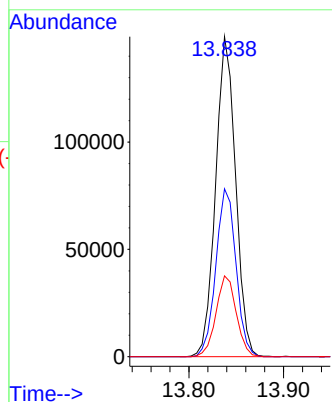
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01



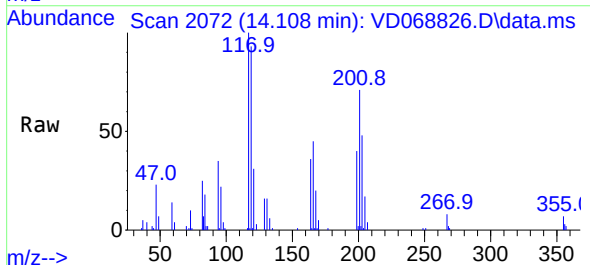
Tgt Ion:	91	Resp:	218257
Ion Ratio	100	Lower	26.7
Upper	80.1	Lower	12.9
Upper	38.6		

Manual Integrations
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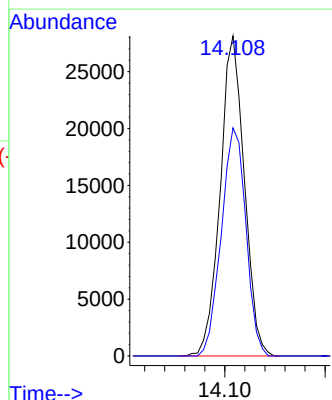
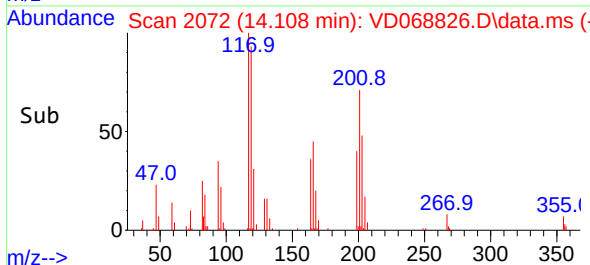
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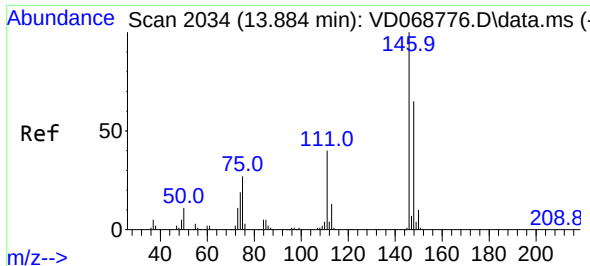


#90
Hexachloroethane
Concen: 20.86 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



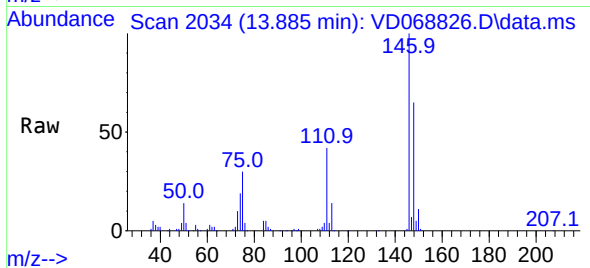
Tgt Ion:	117	Resp:	46994
Ion Ratio	100	Lower	35.4
Upper	106.2		





#91
1,2-Dichlorobenzene
Concen: 20.45 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.001 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

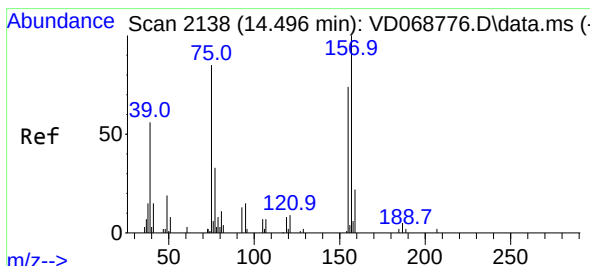
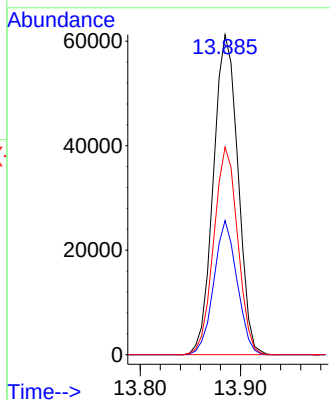
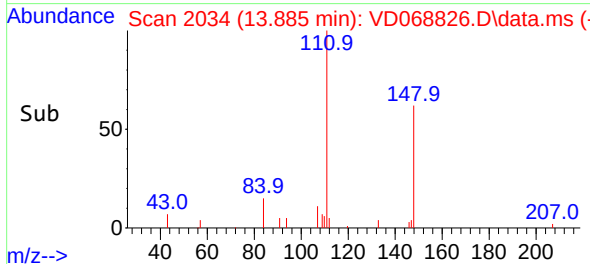
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01



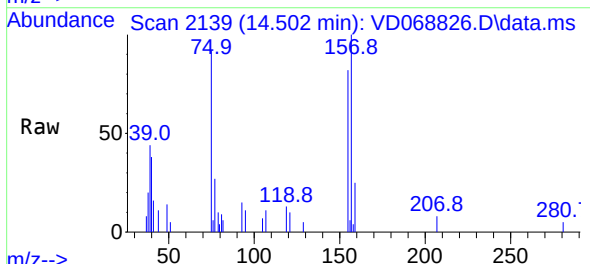
Tgt Ion:146 Resp: 104278
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.9
148 63.4 32.2 96.6

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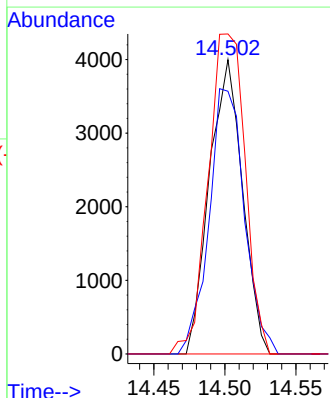
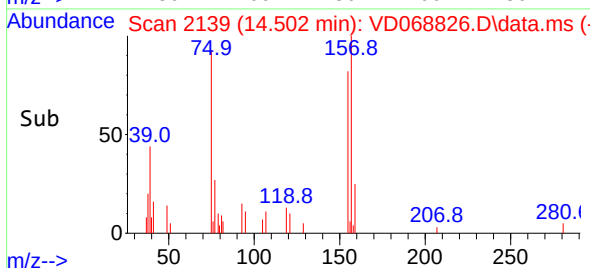
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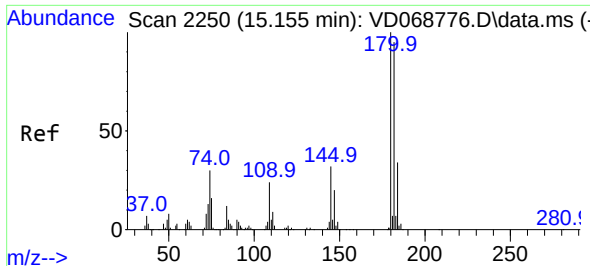


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.46 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.006 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



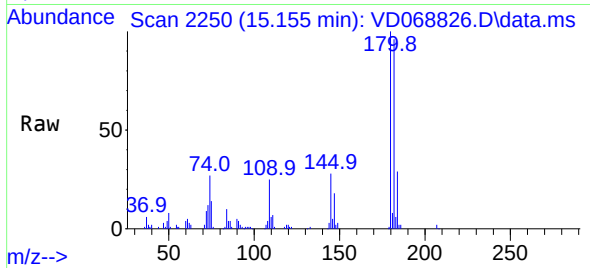
Tgt Ion: 75 Resp: 6488
Ion Ratio Lower Upper
75 100
155 96.2 46.8 140.3
157 121.6 59.8 179.3





#93
1,2,4-Trichlorobenzene
Concen: 21.17 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

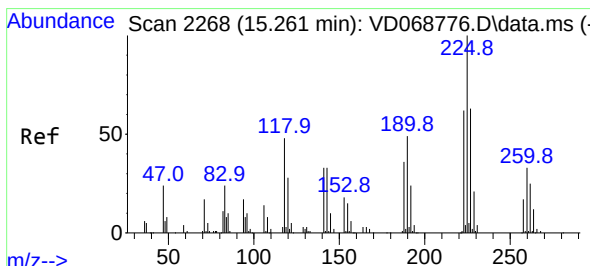
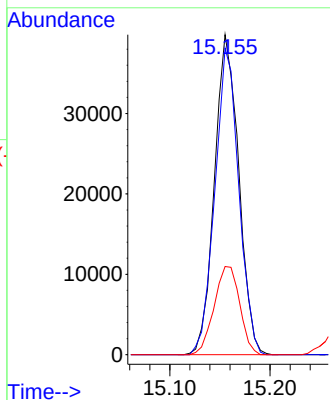
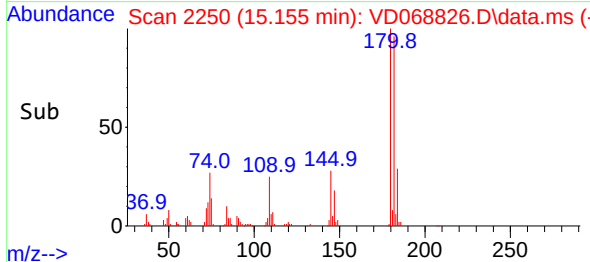
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01



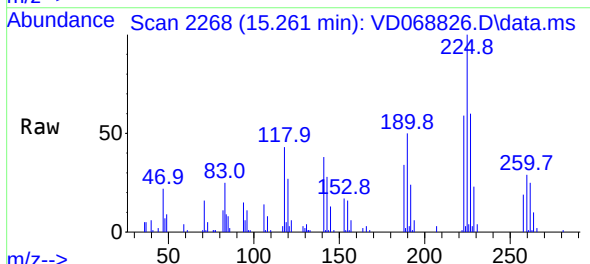
Tgt Ion:180 Resp: 66799
Ion Ratio Lower Upper
180 100
182 94.5 47.9 143.8
145 29.1 15.2 45.6

Manual Integrations
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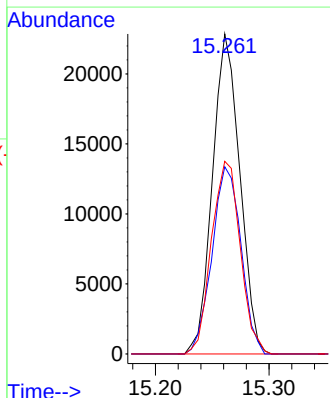
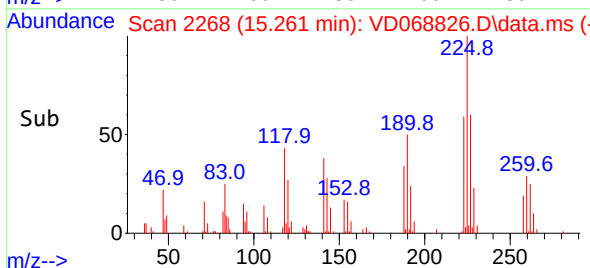
MMDadoda
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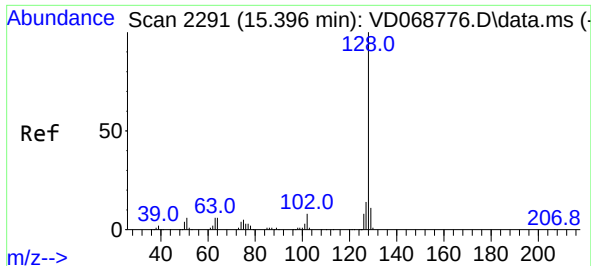


#94
Hexachlorobutadiene
Concen: 21.17 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



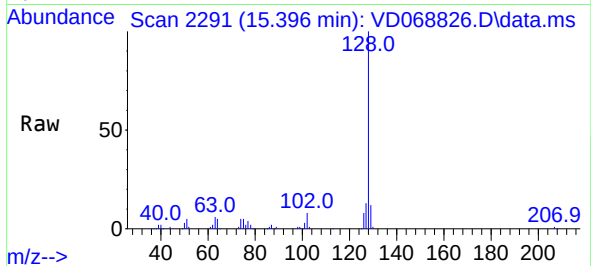
Tgt Ion:225 Resp: 38249
Ion Ratio Lower Upper
225 100
223 61.8 30.6 91.6
227 63.4 31.4 94.0





#95
Naphthalene
Concen: 19.16 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12

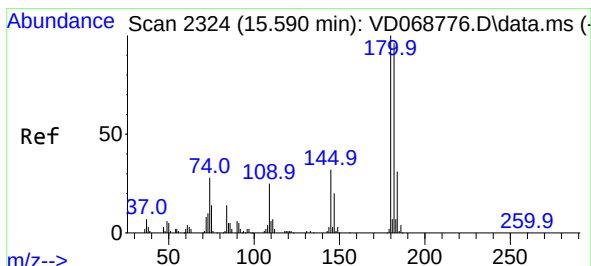
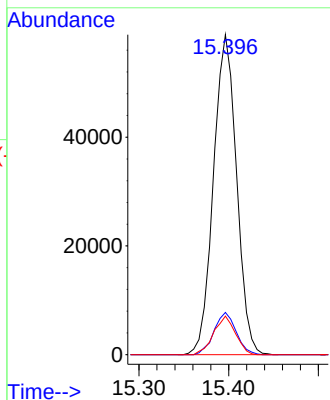
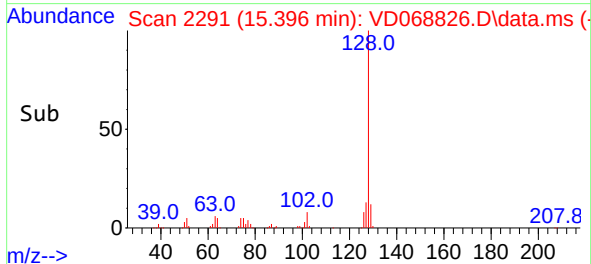
Instrument :
MSVOA_D
ClientSampleId :
VD0412SBS01



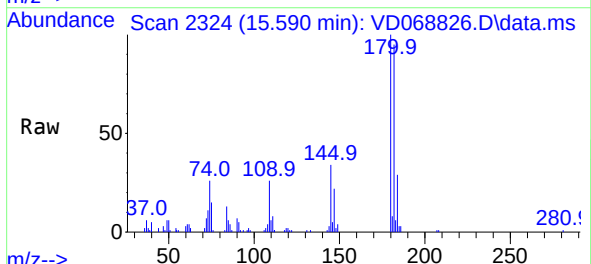
Tgt Ion:128 Resp: 105318
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.4 8.9 13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.51 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068826.D
Acq: 12 Apr 2021 12:12



Tgt Ion:180 Resp: 56612
Ion Ratio Lower Upper
180 100
182 95.0 46.5 139.3
145 31.8 15.8 47.4

