

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011221\
 Data File : VD068052.D
 Acq On : 12 Jan 2021 12:43
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Manual Integrations
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 1/13/2021 4:37:51 PM

Quant Time: Jan 13 03:35:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 13 03:34:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	480995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	777648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	709843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	352231	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	23856	4.71	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	9.42%#		
35) Dibromofluoromethane	7.914	113	22740	4.68	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.36%#		
50) Toluene-d8	10.343	98	89771	4.94	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	9.88%#		
62) 4-Bromofluorobenzene	12.632	95	30708	4.92	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	9.84%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	24608	5.07	ug/l	89
3) Chloromethane	2.209	50	22945	3.62	ug/l	96
4) Vinyl Chloride	2.350	62	24296	4.04	ug/l	94
5) Bromomethane	2.767	94	19946	4.56	ug/l	87
6) Chloroethane	2.926	64	15644	4.23	ug/l	97
7) Trichlorofluoromethane	3.273	101	48649	5.30	ug/l	100
8) Diethyl Ether	3.709	74	11037	4.34	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.103	101	25194	4.66	ug/l	98
10) Methyl Iodide	4.309	142	21124	4.44	ug/l	97
11) Tert butyl alcohol	5.197	59	14353	32.78	ug/l #	80
12) 1,1-Dichloroethene	4.073	96	24399	4.74	ug/l	90
13) Acrolein	3.926	56	7764	21.31	ug/l	97
14) Allyl chloride	4.720	41	26129	3.00	ug/l	99
15) Acrylonitrile	5.426	53	20080	16.69	ug/l	97
16) Acetone	4.161	43	16254	16.92	ug/l	96
17) Carbon Disulfide	4.414	76	73983	4.23	ug/l #	95
18) Methyl Acetate	4.726	43	10286	3.72	ug/l #	85
19) Methyl tert-butyl Ether	5.485	73	44394	4.14	ug/l	99
20) Methylene Chloride	4.973	84	51438	6.46	ug/l	95
21) trans-1,2-Dichloroethene	5.479	96	27088	4.45	ug/l	95
22) Diisopropyl ether	6.367	45	49157	2.81	ug/l #	91
23) Vinyl Acetate	6.314	43	113744	12.76	ug/l	100
24) 1,1-Dichloroethane	6.267	63	42114	3.87	ug/l	98
25) 2-Butanone	7.220	43	20312	14.72	ug/l	99
26) 2,2-Dichloropropane	7.214	77	43350	4.90	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	26432	4.05	ug/l	91
28) Bromochloromethane	7.550	49	14847	3.73	ug/l	95
29) Tetrahydrofuran	7.561	42	13111	14.14	ug/l	97
30) Chloroform	7.714	83	46796	4.32	ug/l	93
31) Cyclohexane	7.985	56	41890	4.14	ug/l #	88
32) 1,1,1-Trichloroethane	7.908	97	46454	4.90	ug/l	98
36) 1,1-Dichloropropene	8.120	75	36266	4.49	ug/l	98
37) Ethyl Acetate	7.297	43	10610	3.36	ug/l #	93
38) Carbon Tetrachloride	8.097	117	42507	5.28	ug/l	96
39) Methylcyclohexane	9.355	83	40069	4.25	ug/l	93
40) Benzene	8.355	78	99663	4.27	ug/l	95

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDICC005

Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Wed Jan 13 03:34:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	4901	2.72	ug/l #	74
42) 1,2-Dichloroethane	8.432	62	27801	4.36	ug/l	100
43) Isopropyl Acetate	8.455	43	17734	3.04	ug/l	99
44) Trichloroethene	9.120	130	31583	5.23	ug/l	81
45) 1,2-Dichloropropane	9.396	63	22881	3.90	ug/l	91
46) Dibromomethane	9.479	93	13890	4.72	ug/l	88
47) Bromodichloromethane	9.667	83	37409	4.74	ug/l	92
48) Methyl methacrylate	9.455	41	10231	3.38	ug/l	97
49) 1,4-Dioxane	9.455	88	2383	73.78	ug/l #	87
51) 4-Methyl-2-Pentanone	10.232	43	44918	14.89	ug/l	93
52) Toluene	10.408	92	66240	4.54	ug/l	100
53) t-1,3-Dichloropropene	10.626	75	30436	4.26	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	35085	3.99	ug/l	99
55) 1,1,2-Trichloroethane	10.808	97	18509	4.50	ug/l	94
56) Ethyl methacrylate	10.667	69	16026	3.50	ug/l	95
57) 1,3-Dichloropropane	10.949	76	28694	4.02	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.949	63	43637	19.31	ug/l	94
59) 2-Hexanone	10.985	43	31089	15.60	ug/l	92
60) Dibromochloromethane	11.143	129	26188	5.07	ug/l	96
61) 1,2-Dibromoethane	11.249	107	16689	4.22	ug/l	94
64) Tetrachloroethene	10.879	164	29216	5.79	ug/l	94
65) Chlorobenzene	11.673	112	73502	4.81	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.749	131	26712	4.86	ug/l	91
67) Ethyl Benzene	11.749	91	119533	4.41	ug/l	100
68) m/p-Xylenes	11.855	106	92120	8.90	ug/l	100
69) o-Xylene	12.185	106	41739	4.52	ug/l	92
70) Styrene	12.202	104	71526	4.47	ug/l	98
71) Bromoform	12.361	173	14700	5.26	ug/l #	93
73) Isopropylbenzene	12.485	105	109317	4.16	ug/l	97
74) N-amyl acetate	12.285	43	17064	3.01	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	18390	3.85	ug/l	99
76) 1,2,3-Trichloropropane	12.785	75	14780m	5.05	ug/l	
77) Bromobenzene	12.761	156	28645	4.75	ug/l	96
78) n-propylbenzene	12.820	91	133633	4.14	ug/l	98
79) 2-Chlorotoluene	12.908	91	75164	4.13	ug/l	100
80) 1,3,5-Trimethylbenzene	12.961	105	94512	4.32	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	5809	4.04	ug/l #	87
82) 4-Chlorotoluene	13.008	91	84202	4.39	ug/l	100
83) tert-Butylbenzene	13.226	119	78404	4.34	ug/l	95
84) 1,2,4-Trimethylbenzene	13.273	105	90880	4.16	ug/l	97
85) sec-Butylbenzene	13.402	105	117886	4.49	ug/l	99
86) p-Isopropyltoluene	13.520	119	106343	4.57	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	56163	4.70	ug/l	98
88) 1,4-Dichlorobenzene	13.596	146	58529	4.95	ug/l	95
89) n-Butylbenzene	13.843	91	98353	4.33	ug/l	96
90) Hexachloroethane	14.108	117	22127	4.68	ug/l	91
91) 1,2-Dichlorobenzene	13.890	146	47797	4.72	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.502	75	3012	3.98	ug/l	89
93) 1,2,4-Trichlorobenzene	15.161	180	29955	4.83	ug/l	96
94) Hexachlorobutadiene	15.267	225	21593	5.86	ug/l	99
95) Naphthalene	15.396	128	46571	4.30	ug/l	95
96) 1,2,3-Trichlorobenzene	15.596	180	26818	5.02	ug/l	95

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Sample : VSTDIC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

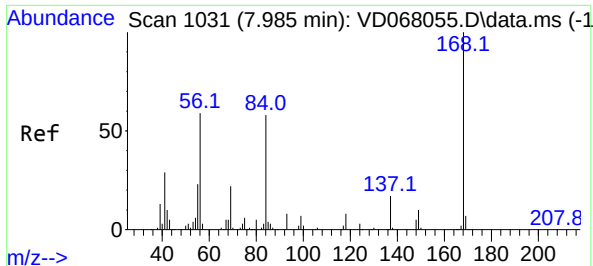
Manual Integrations
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Quant Time: Jan 13 03:35:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 13 03:34:28 2021
Response via : Initial Calibration

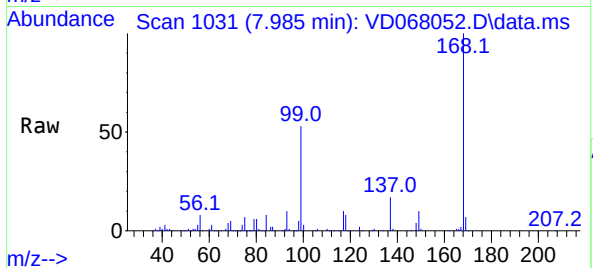
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

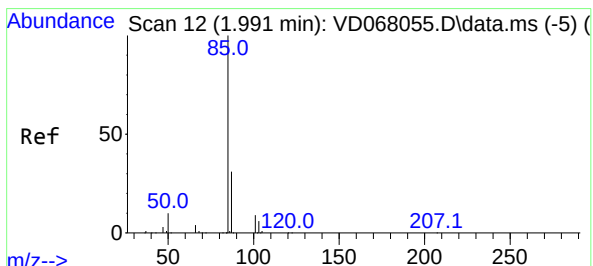
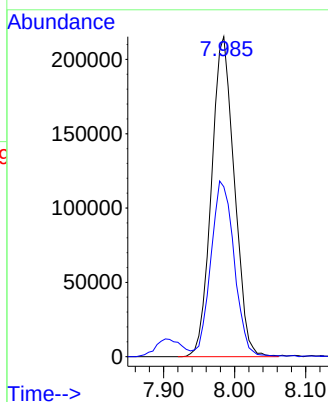
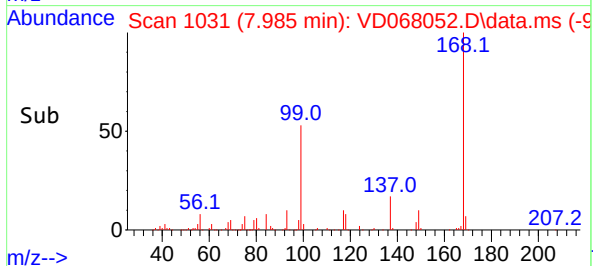
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



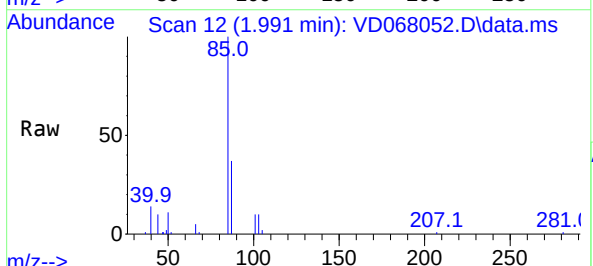
Tgt Ion:168 Resp: 480995
Ion Ratio Lower Upper
168 100
99 52.8 43.5 65.3

Manual Integrations
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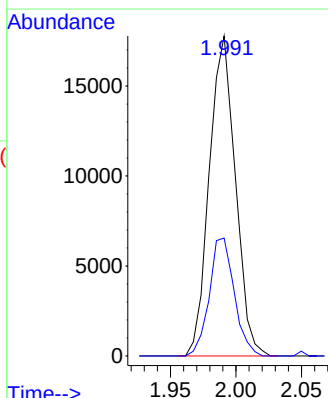
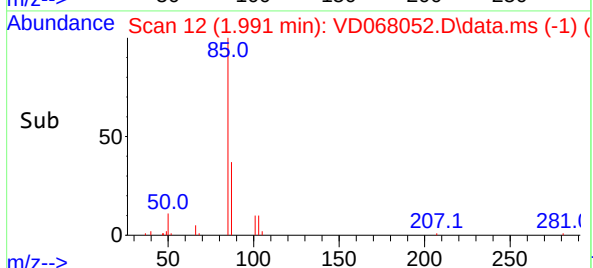
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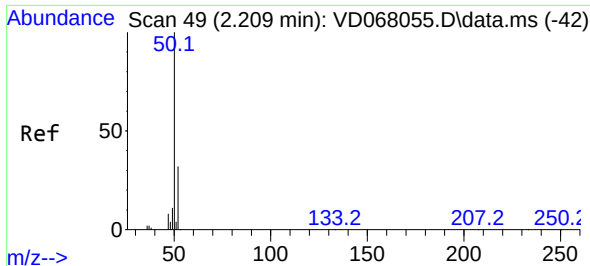


#2
Dichlorodifluoromethane
Concen: 5.07 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



Tgt Ion: 85 Resp: 24608
Ion Ratio Lower Upper
85 100
87 36.8 15.4 46.1





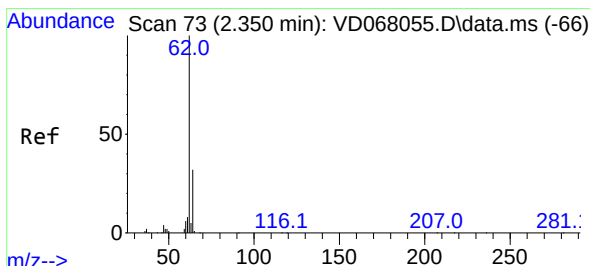
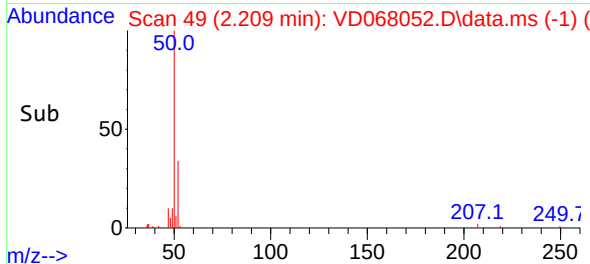
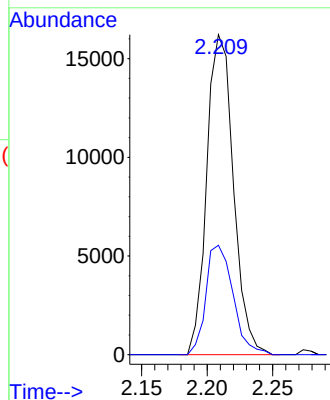
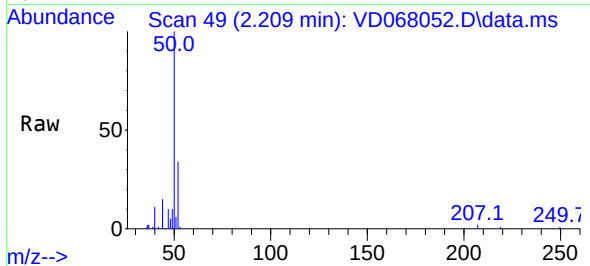
#3
Chloromethane
Concen: 3.62 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion: 50 Resp: 22945
Ion Ratio Lower Upper
50 100
52 34.2 25.4 38.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

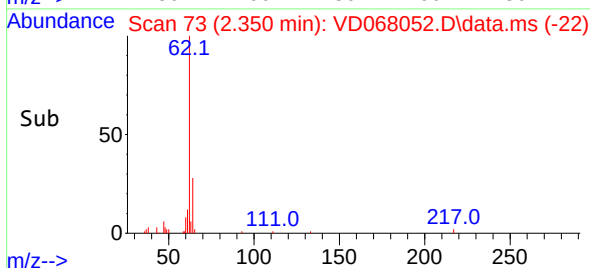
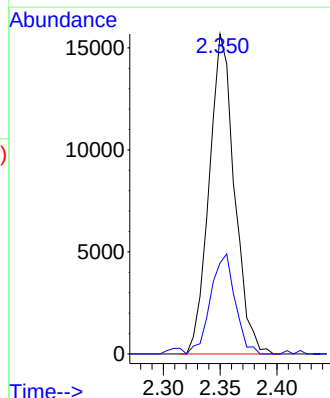
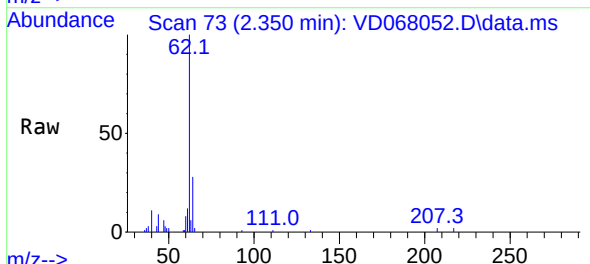
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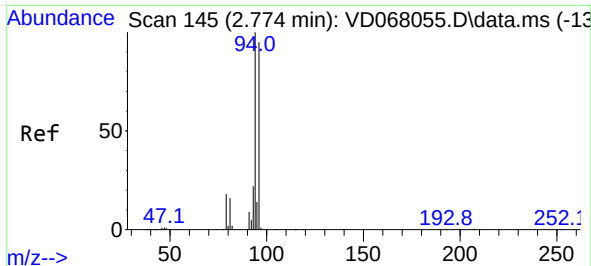
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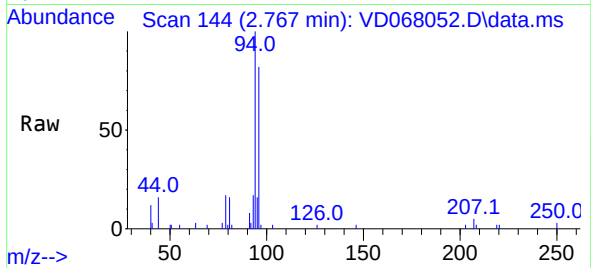
#4
Vinyl Chloride
Concen: 4.04 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion: 62 Resp: 24296
Ion Ratio Lower Upper
62 100
64 28.4 25.4 38.2

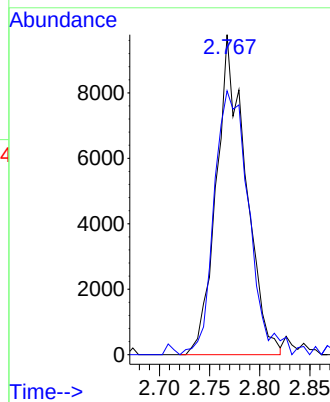
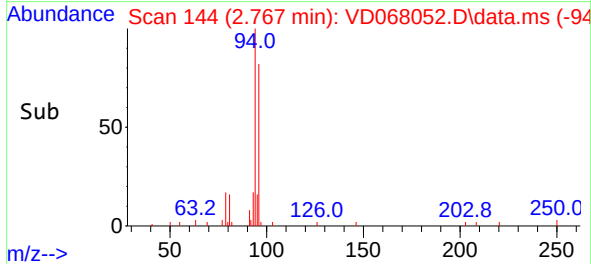




#5
Bromomethane
Concen: 4.56 ug/l
RT: 2.767 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



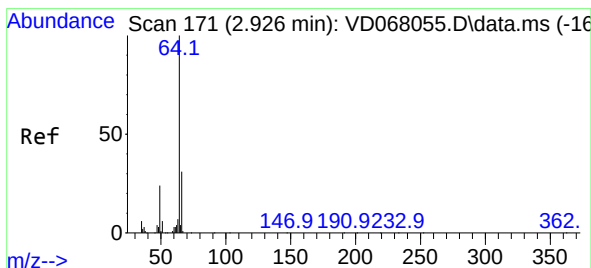
Tgt Ion: 94 Resp: 19946
Ion Ratio Lower Upper
94 100
96 82.4 75.8 113.8



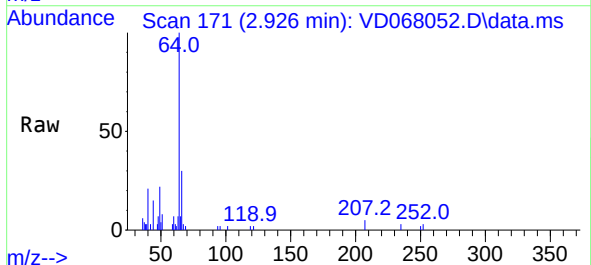
Instrument :
MSVOA_D
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VSTDIC005

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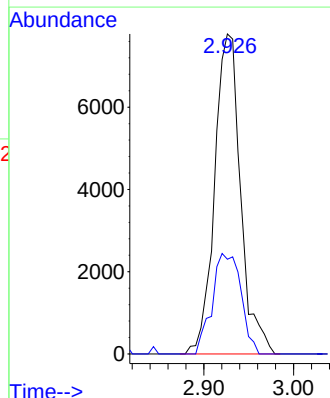
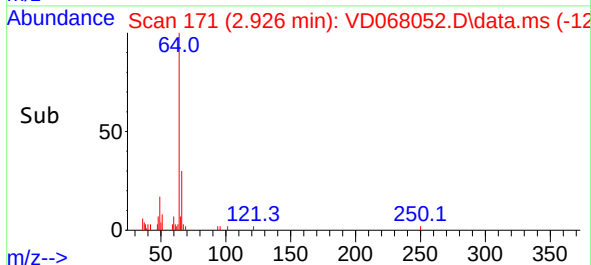
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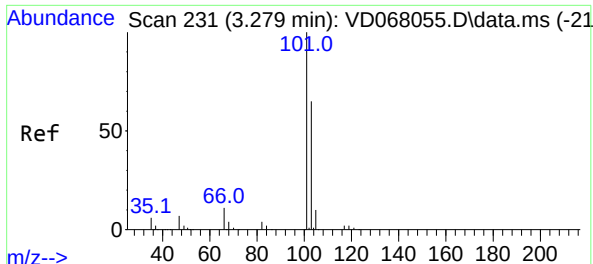


#6
Chloroethane
Concen: 4.23 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



Tgt Ion: 64 Resp: 15644
Ion Ratio Lower Upper
64 100
66 29.6 25.1 37.7





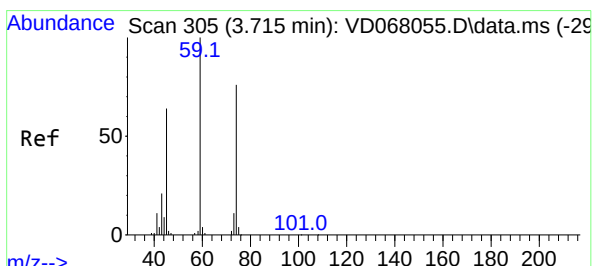
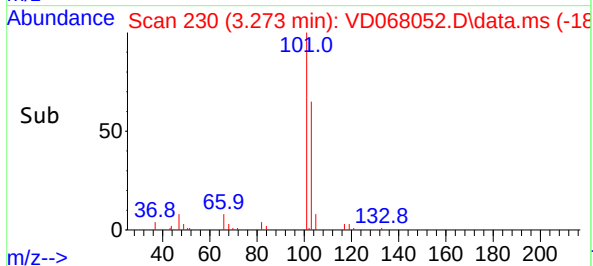
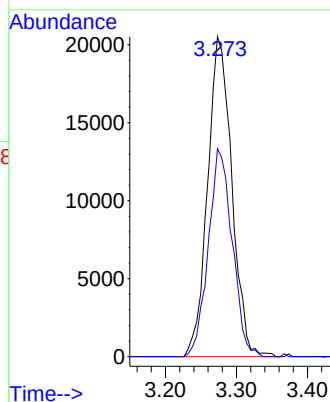
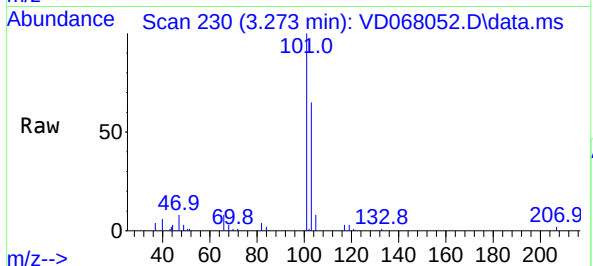
#7
Trichlorofluoromethane
Concen: 5.30 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion:101 Resp: 48649
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

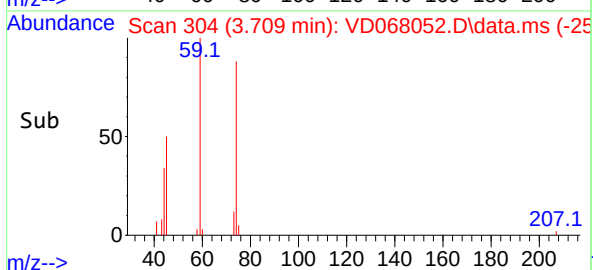
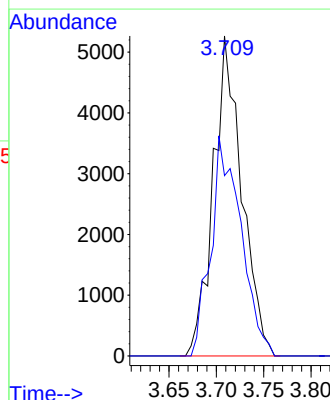
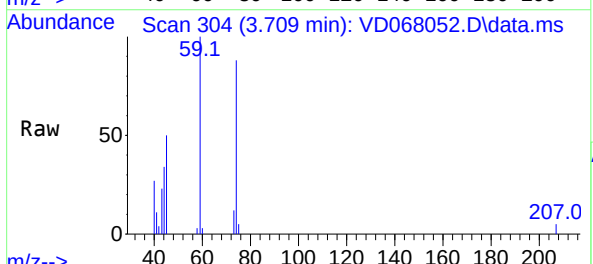
Manual Integrations
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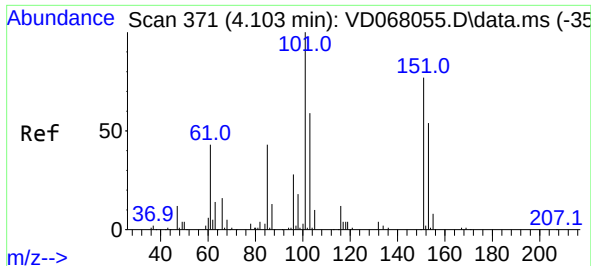
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#8
Diethyl Ether
Concen: 4.34 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion: 74 Resp: 11037
Ion Ratio Lower Upper
74 100
45 72.5 42.1 126.4





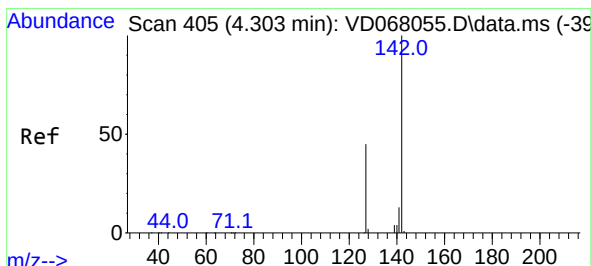
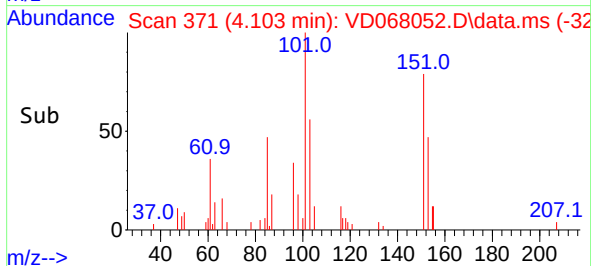
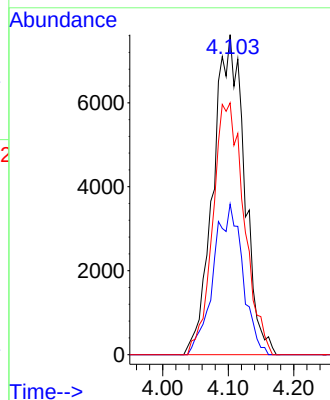
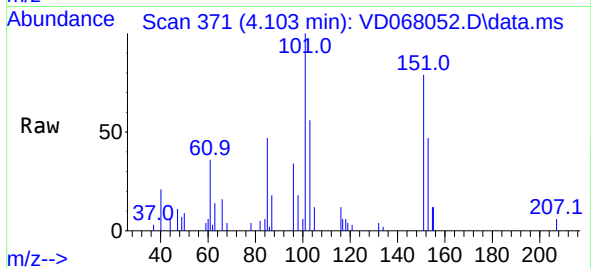
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.66 ug/l
RT: 4.103 min Scan# 371
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion:	101	Resp:	25194
Ion	Ratio	Lower	Upper
101	100		
85	44.0	34.0	51.0
151	78.7	64.1	96.1

Instrument :
MSVOA_D
ClientSampled :
VSTDIC005

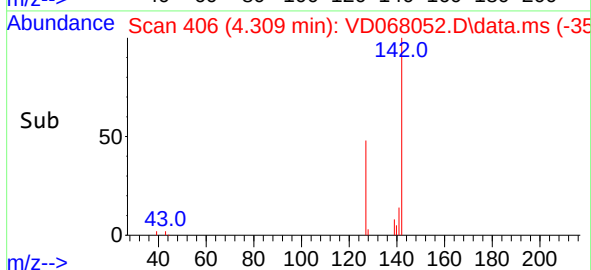
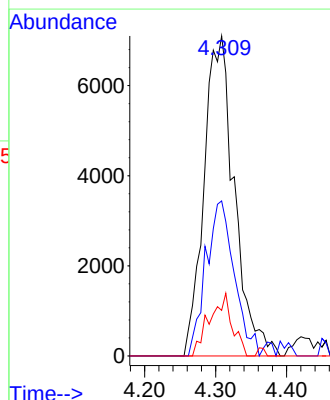
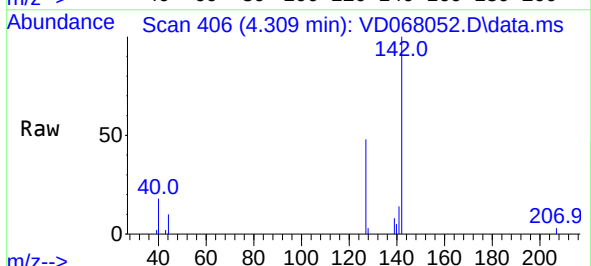
Manual Integrations
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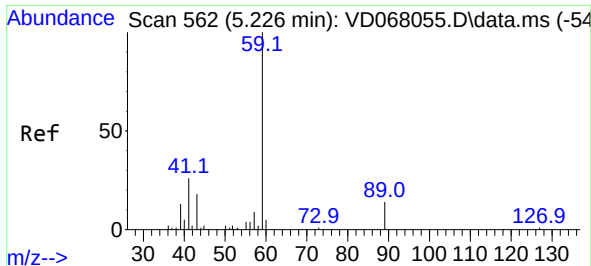
MMDadoda
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#10
Methyl Iodide
Concen: 4.44 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion:	142	Resp:	21124
Ion	Ratio	Lower	Upper
142	100		
127	45.1	37.9	56.9
141	14.5	11.5	17.3





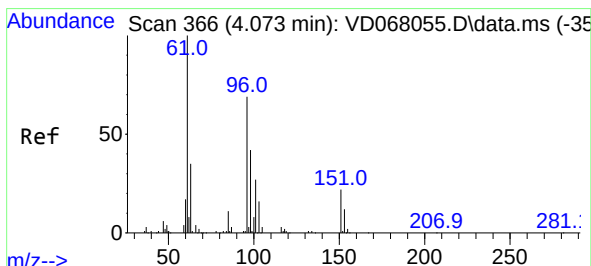
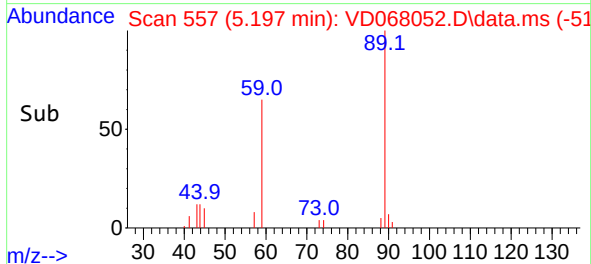
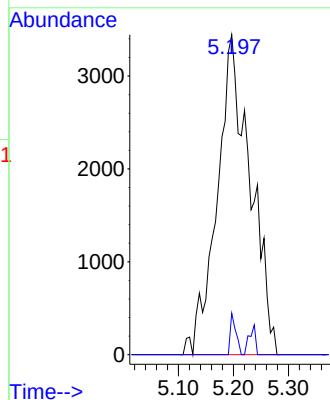
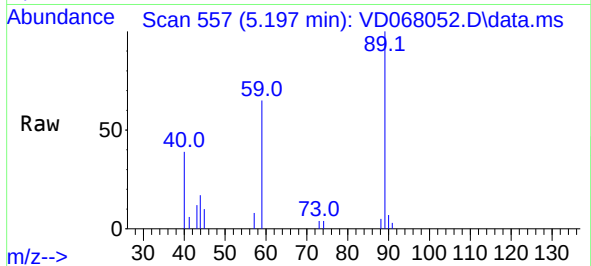
#11
Tert butyl alcohol
Concen: 32.78 ug/l
RT: 5.197 min Scan# 557
Delta R.T. -0.030 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion: 59 Resp: 14353
Ion Ratio Lower Upper
59 100
57 2.2 7.4 11.2#

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

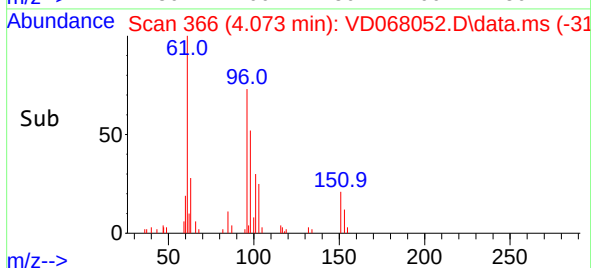
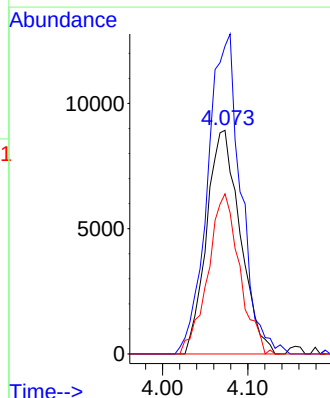
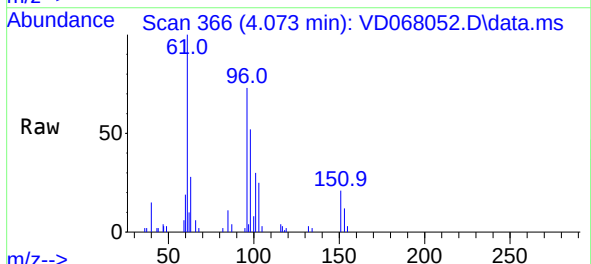
Manual Integrations
APPROVED

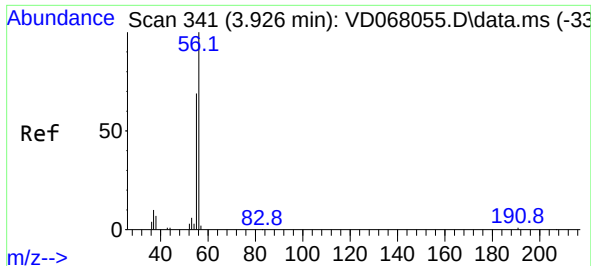
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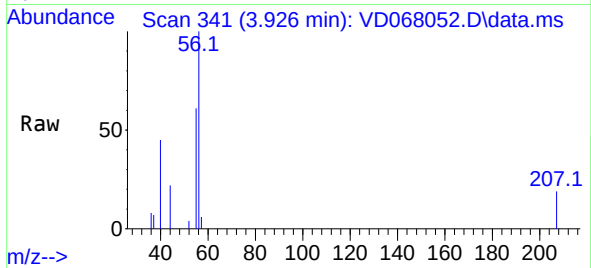
#12
1,1-Dichloroethene
Concen: 4.74 ug/l
RT: 4.073 min Scan# 366
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion: 96 Resp: 24399
Ion Ratio Lower Upper
96 100
61 134.7 116.2 174.4
98 71.6 48.6 73.0

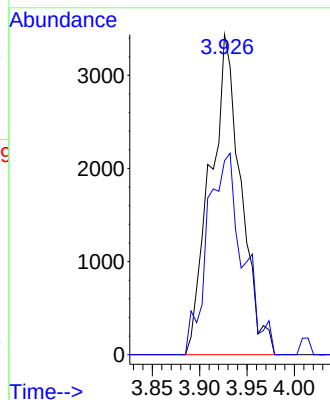




#13
Acrolein
Concen: 21.31 ug/l
RT: 3.926 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



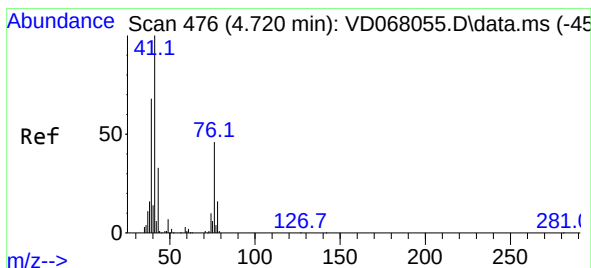
Tgt Ion: 56 Resp: 7764
Ion Ratio Lower Upper
56 100
55 72.8 56.5 84.7



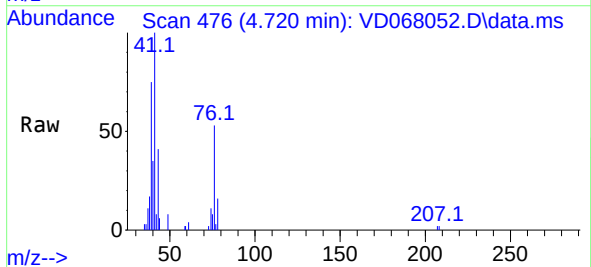
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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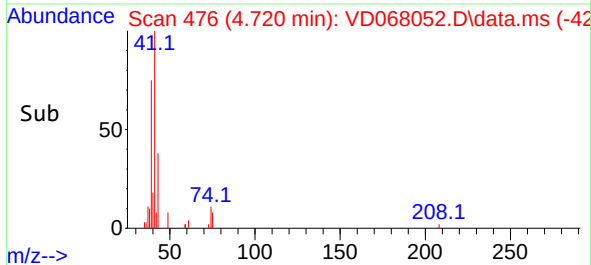
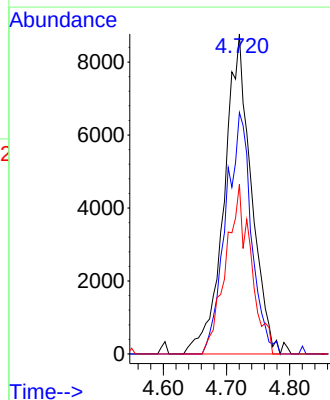
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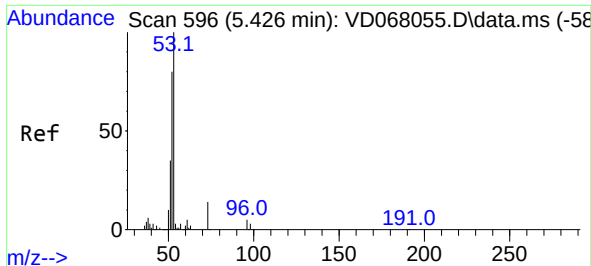


#14
Allyl chloride
Concen: 3.00 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

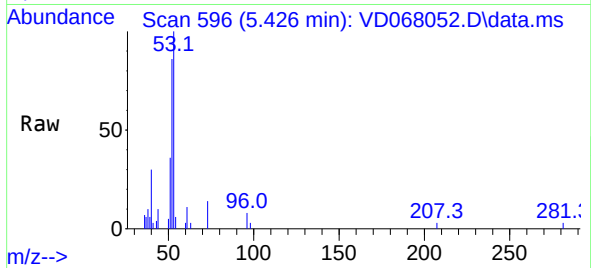


Tgt Ion: 41 Resp: 26129
Ion Ratio Lower Upper
41 100
39 71.6 56.3 84.5
76 49.1 38.9 58.3

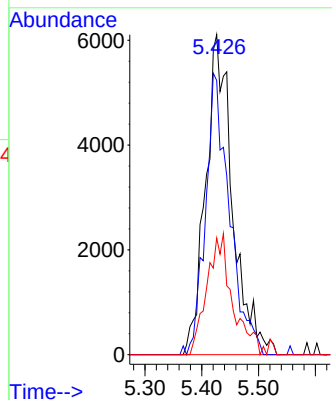




#15
Acrylonitrile
Concen: 16.69 ug/l
RT: 5.426 min Scan# 596
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



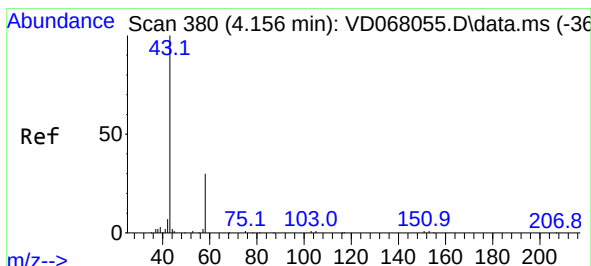
Tgt Ion:	53	Resp:	20080
Ion	Ratio	Lower	Upper
53	100		
52	78.6	66.2	99.2
51	36.0	29.0	43.4



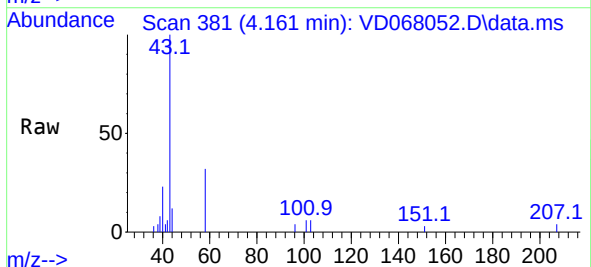
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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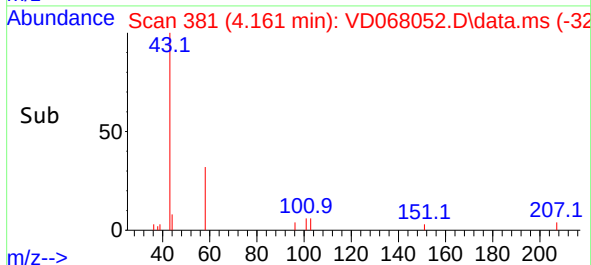
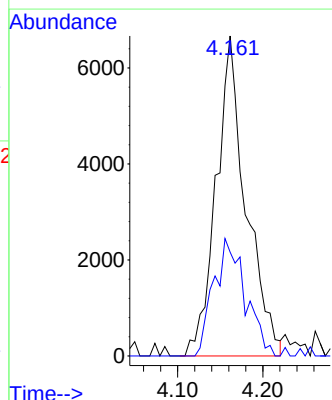
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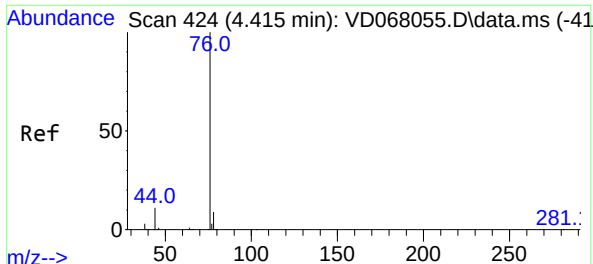


#16
Acetone
Concen: 16.92 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



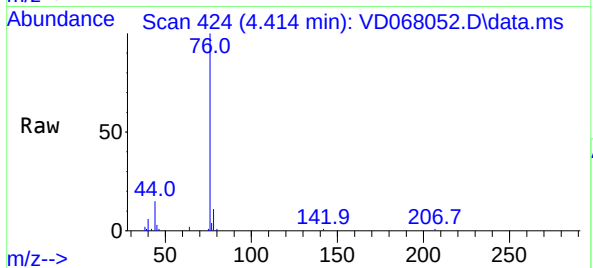
Tgt Ion:	43	Resp:	16254
Ion	Ratio	Lower	Upper
43	100		
58	32.5	24.2	36.4





#17
Carbon Disulfide
Concen: 4.23 ug/l
RT: 4.414 min Scan# 424
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

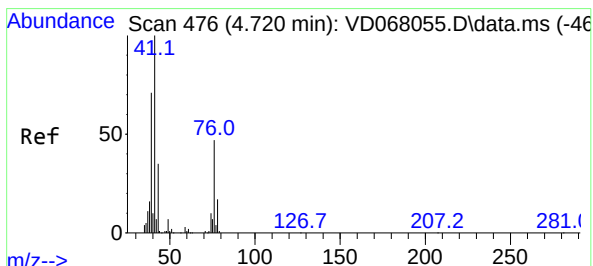
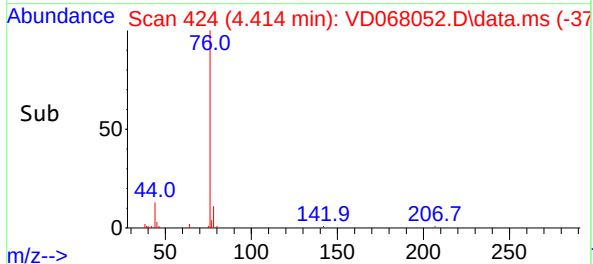
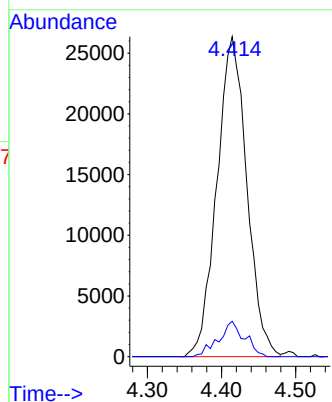
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



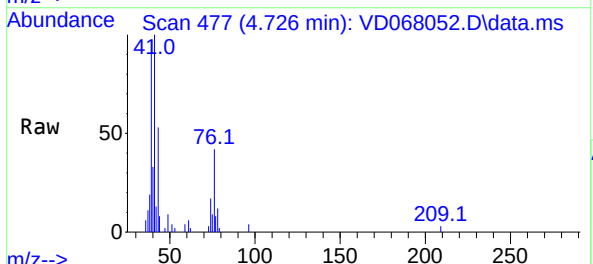
Tgt Ion: 76 Resp: 73983
Ion Ratio Lower Upper
76 100
78 11.1 7.3 10.9#

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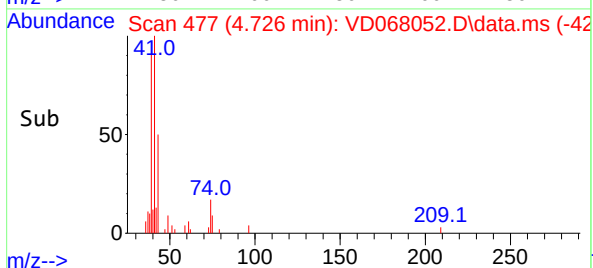
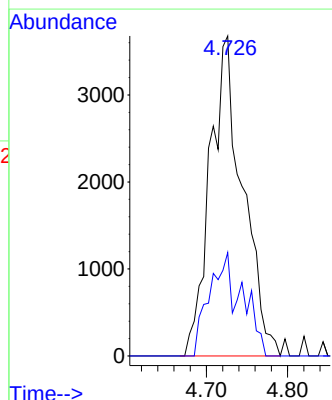
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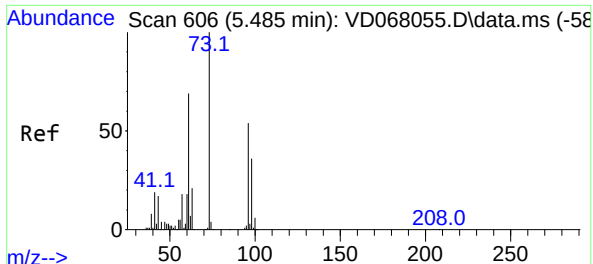


#18
Methyl Acetate
Concen: 3.72 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



Tgt Ion: 43 Resp: 10286
Ion Ratio Lower Upper
43 100
74 23.3 25.4 38.0#





#19

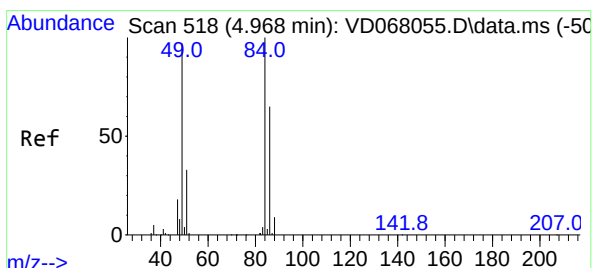
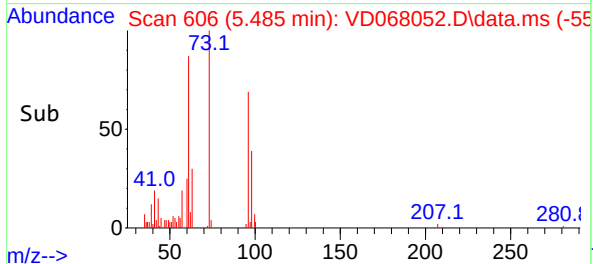
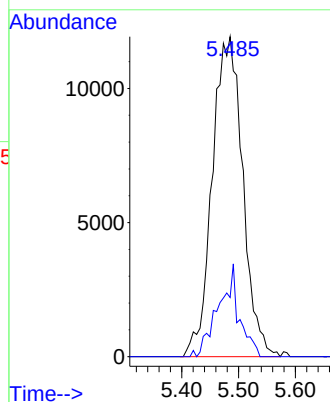
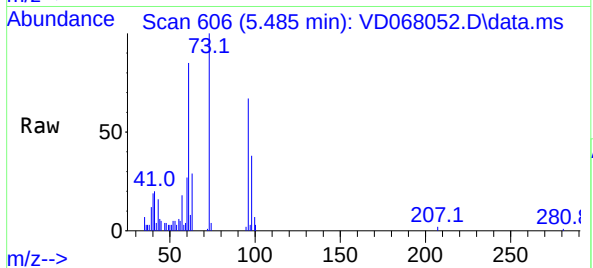
Methyl tert-butyl Ether
Concen: 4.14 ug/l
RT: 5.485 min Scan# 606
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion: 73 Resp: 44394
Ion Ratio Lower Upper
73 100
57 18.5 14.4 21.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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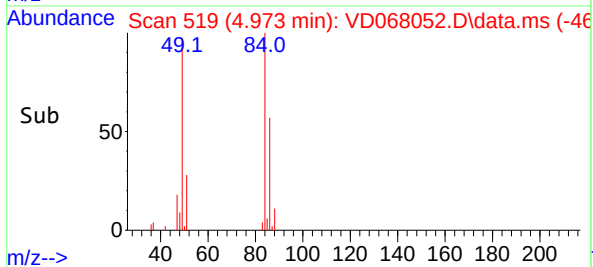
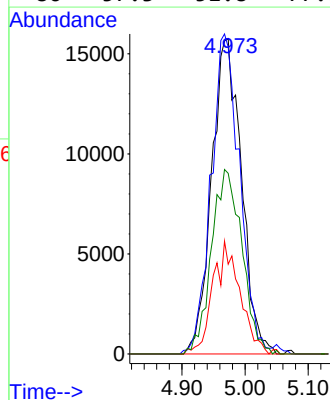
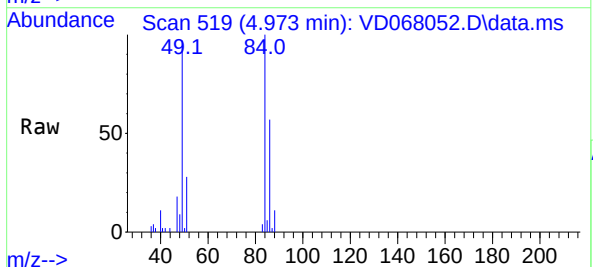
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1/13/2021 4:37:51 PM

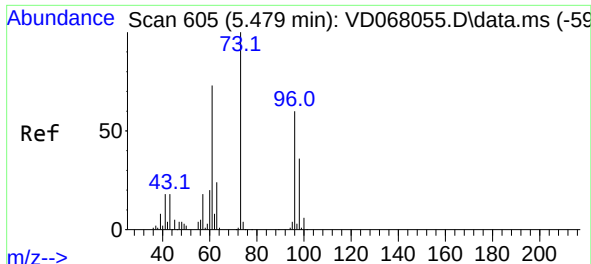


#20

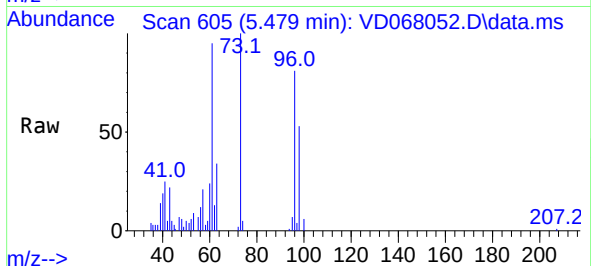
Methylene Chloride
Concen: 6.46 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion: 84 Resp: 51438
Ion Ratio Lower Upper
84 100
49 97.3 77.4 116.2
51 28.4 26.1 39.1
86 57.3 51.8 77.8



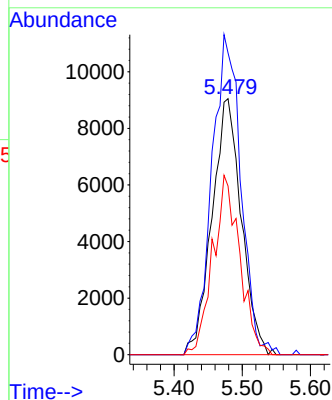


#21
trans-1,2-Dichloroethene
Concen: 4.45 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



Tgt Ion: 96 Resp: 27088

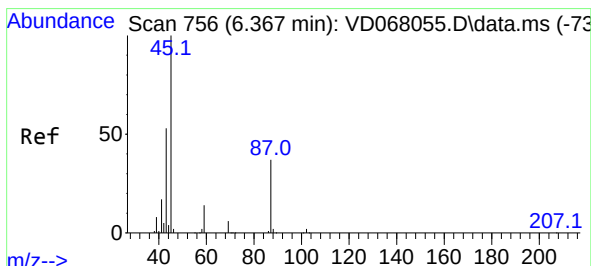
Ion	Ratio	Lower	Upper
96	100		
61	117.9	96.7	145.1
98	65.9	47.6	71.4



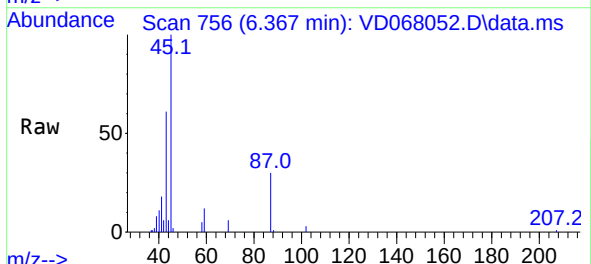
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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1/13/2021 4:37:51 PM

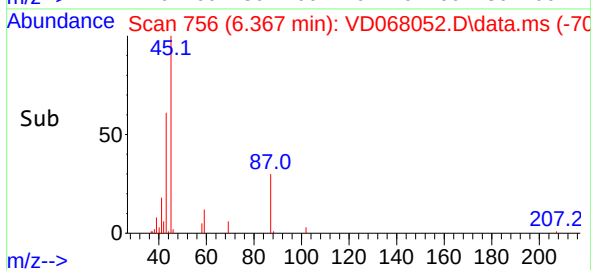
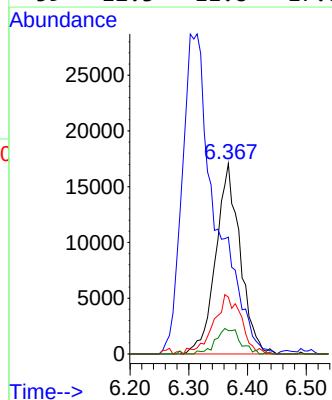


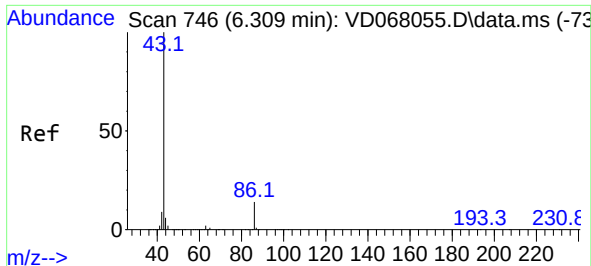
#22
Diisopropyl ether
Concen: 2.81 ug/l
RT: 6.367 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



Tgt Ion: 45 Resp: 49157

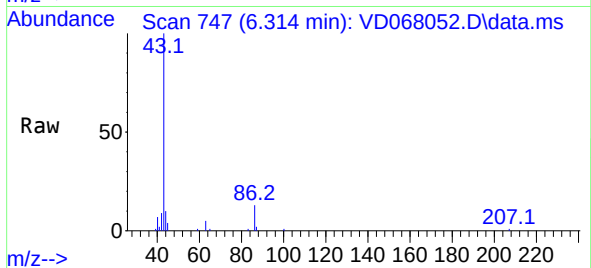
Ion	Ratio	Lower	Upper
45	100		
43	60.2	43.9	65.9
87	29.8	29.9	44.9#
59	12.3	11.8	17.8





#23
 Vinyl Acetate
 Concen: 12.76 ug/l
 RT: 6.314 min Scan# 747
 Delta R.T. 0.006 min
 Lab File: VD068052.D
 Acq: 12 Jan 2021 12:43

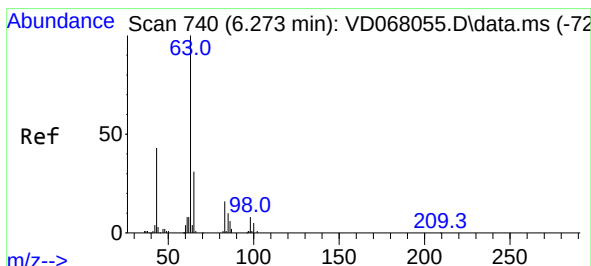
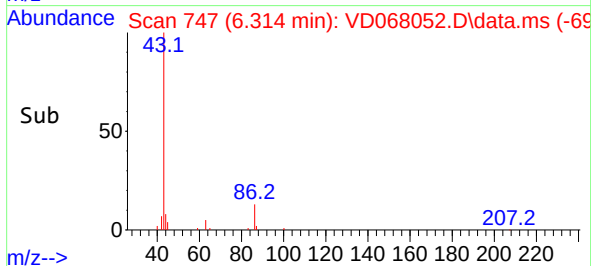
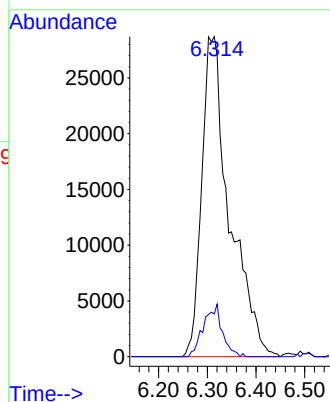
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



Tgt Ion: 43 Resp: 113744
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.8 16.2

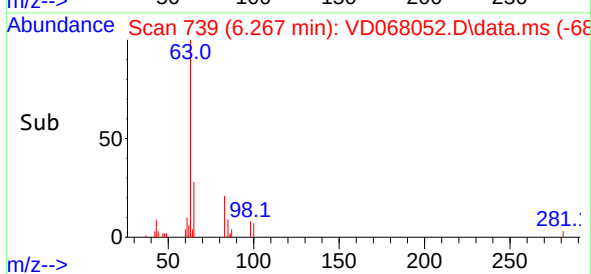
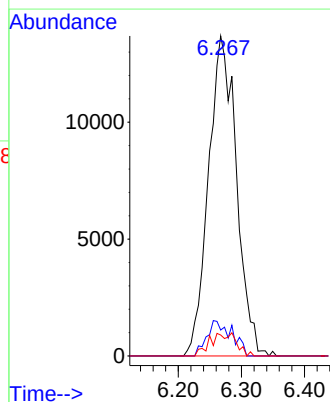
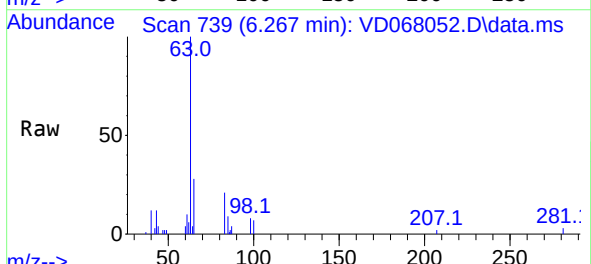
Manual Integrations
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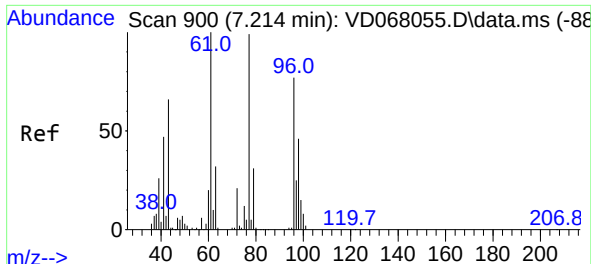
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 1/13/2021 4:37:51 PM



#24
 1,1-Dichloroethane
 Concen: 3.87 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.006 min
 Lab File: VD068052.D
 Acq: 12 Jan 2021 12:43

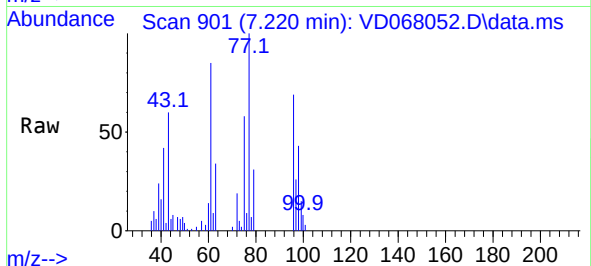
Tgt Ion: 63 Resp: 42114
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.8 11.4
 100 6.6 2.6 8.0





#25
2-Butanone
Concen: 14.72 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

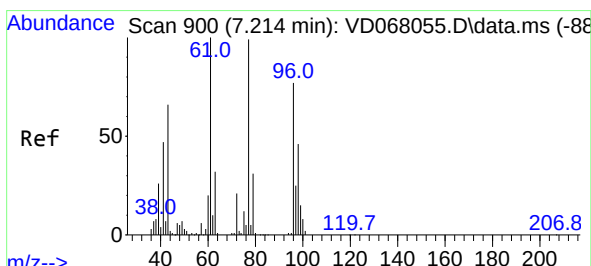
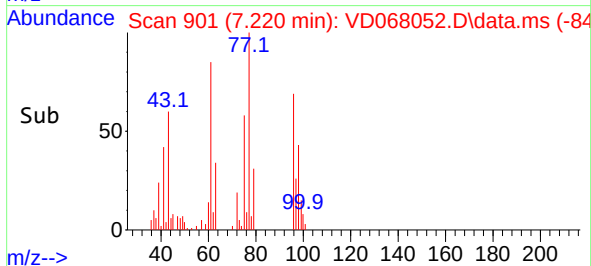
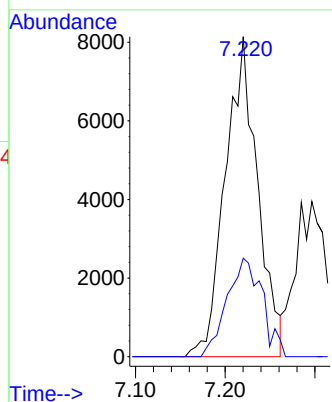
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 20312
Ion Ratio Lower Upper
43 100
72 30.8 25.1 37.7

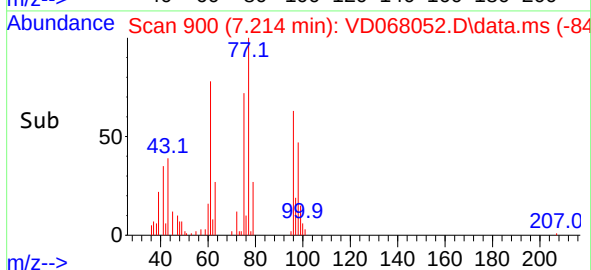
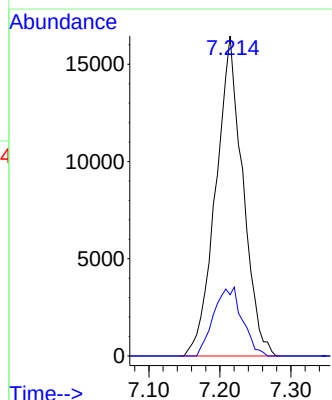
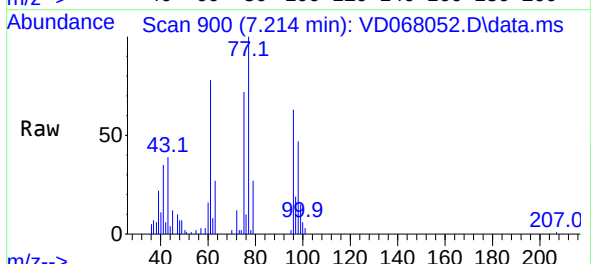
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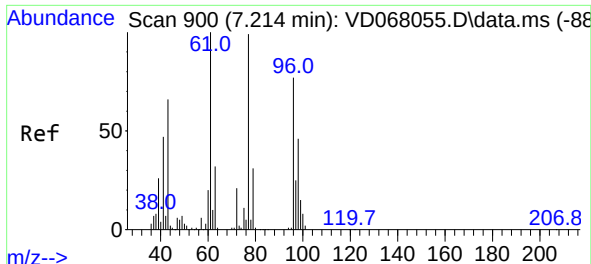
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#26
2,2-Dichloropropane
Concen: 4.90 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

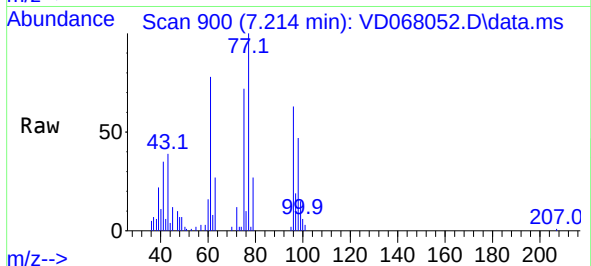
Tgt Ion: 77 Resp: 43350
Ion Ratio Lower Upper
77 100
97 22.8 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 4.05 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

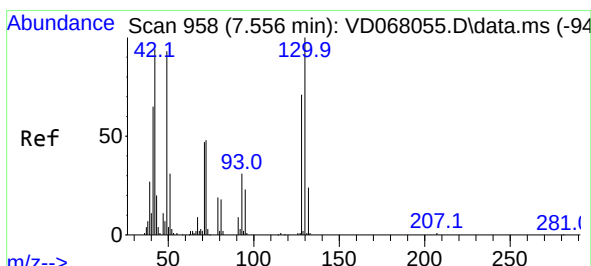
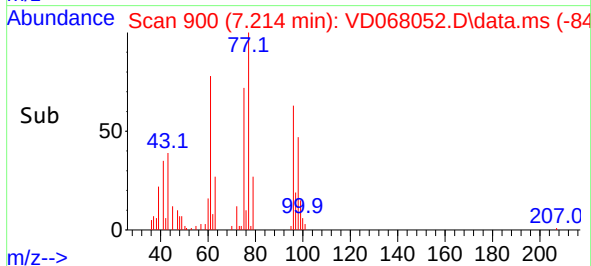
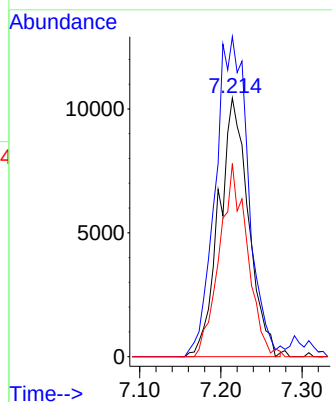
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



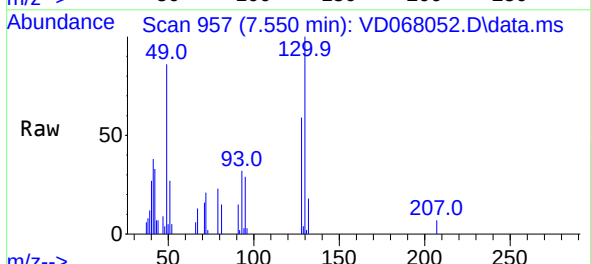
Tgt Ion: 96 Resp: 26432
Ion Ratio Lower Upper
96 100
61 138.8 0.0 257.4
98 70.2 0.0 126.6

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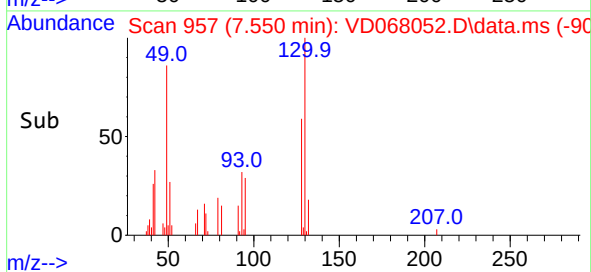
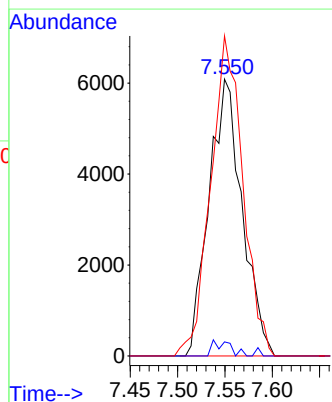
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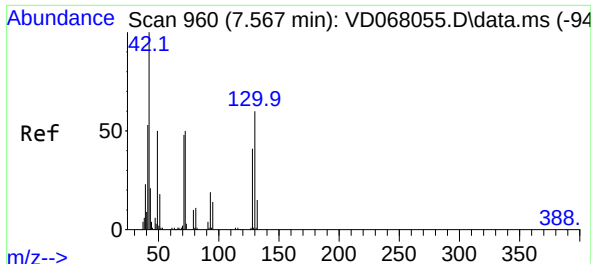


#28
Bromochloromethane
Concen: 3.73 ug/l
RT: 7.550 min Scan# 957
Delta R.T. -0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



Tgt Ion: 49 Resp: 14847
Ion Ratio Lower Upper
49 100
129 3.0 0.0 4.8
130 112.0 85.5 128.3





#29
Tetrahydrofuran
Concen: 14.14 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

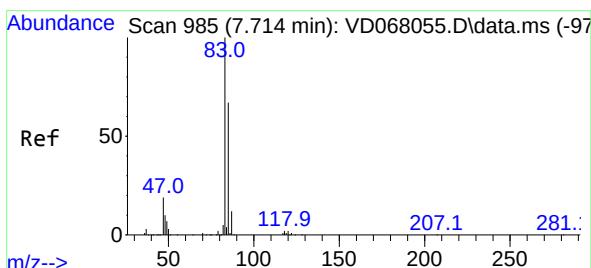
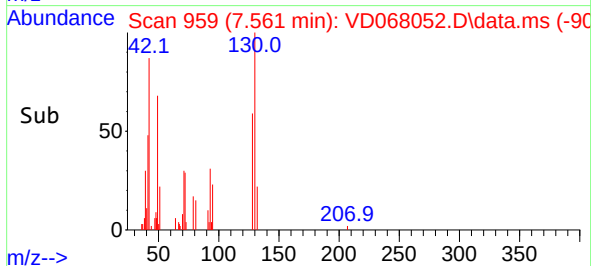
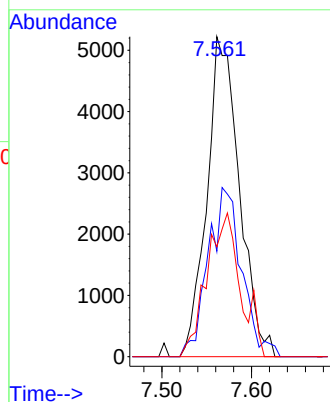
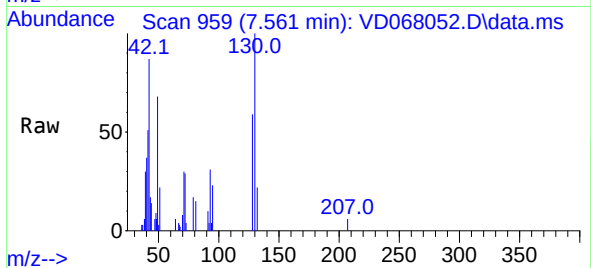
Tgt Ion: 42 Resp: 13111

Ion	Ratio	Lower	Upper
42	100		
72	54.5	43.4	65.0
71	46.6	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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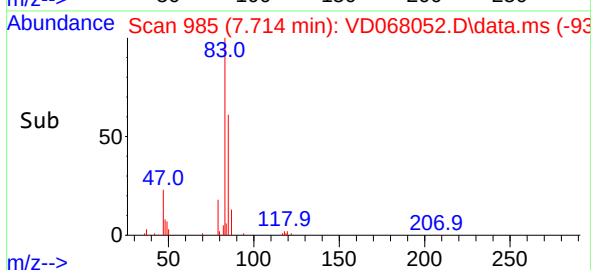
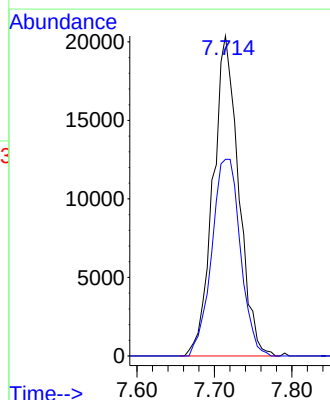
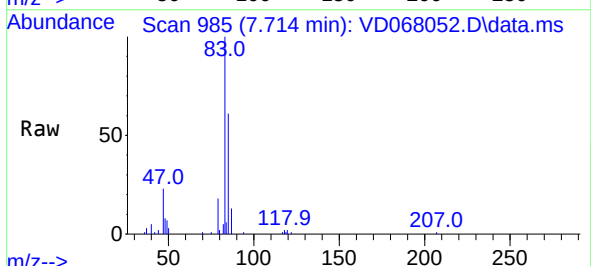
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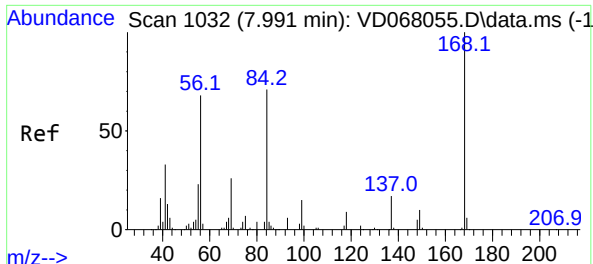


#30
Chloroform
Concen: 4.32 ug/l
RT: 7.714 min Scan# 985
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion: 83 Resp: 46796

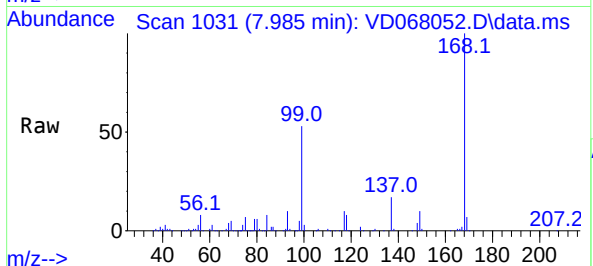
Ion	Ratio	Lower	Upper
83	100		
85	61.5	53.4	80.0





#31
Cyclohexane
Concen: 4.14 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

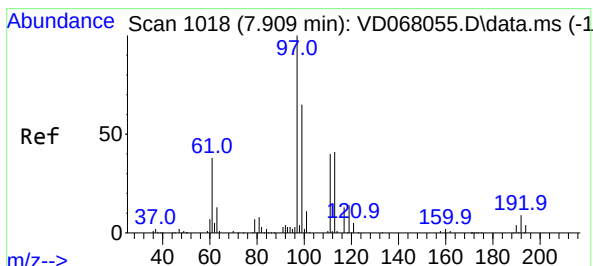
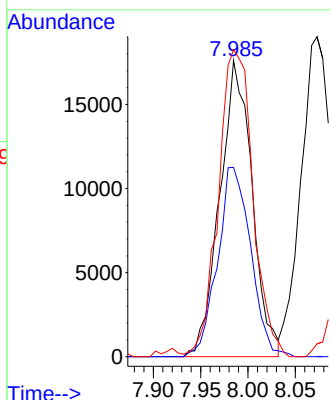
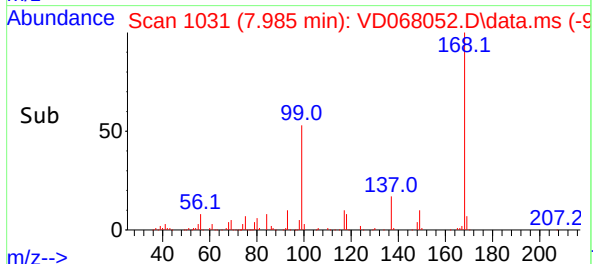
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



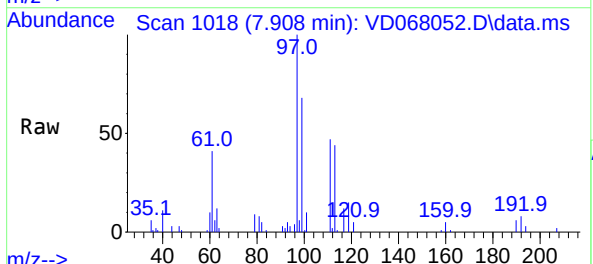
Tgt Ion: 56 Resp: 41890
Ion Ratio Lower Upper
56 100
69 63.9 30.1 45.1#
84 102.4 82.1 123.1

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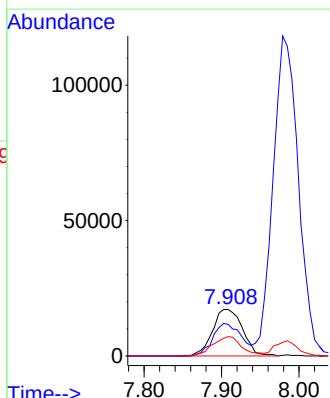
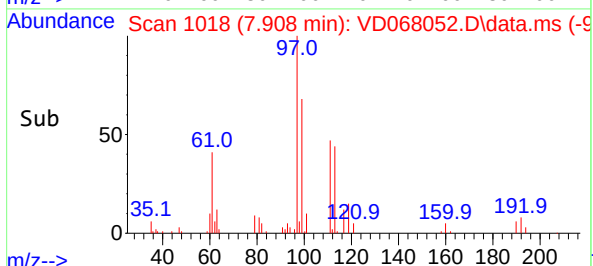
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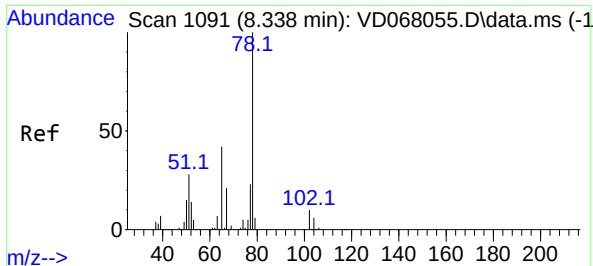


#32
1,1,1-Trichloroethane
Concen: 4.90 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



Tgt Ion: 97 Resp: 46454
Ion Ratio Lower Upper
97 100
99 65.9 52.1 78.1
61 40.4 30.1 45.1





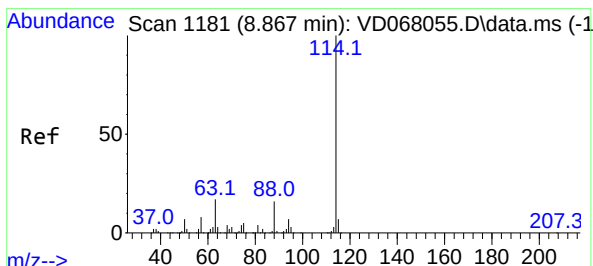
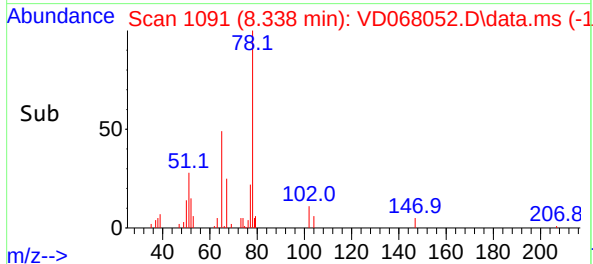
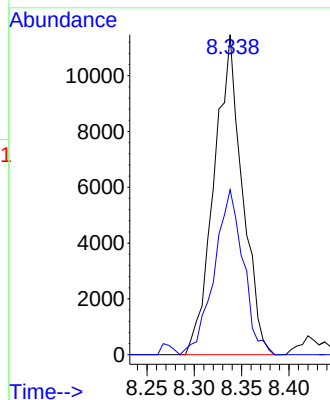
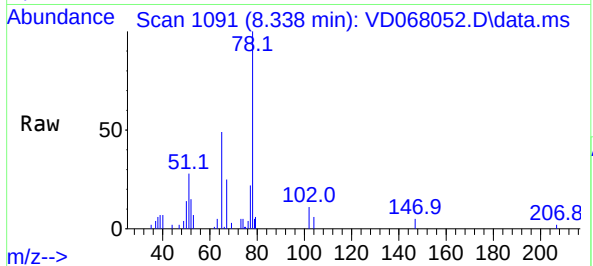
#33
1,2-Dichloroethane-d4
Concen: 4.71 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion: 65 Resp: 23856
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

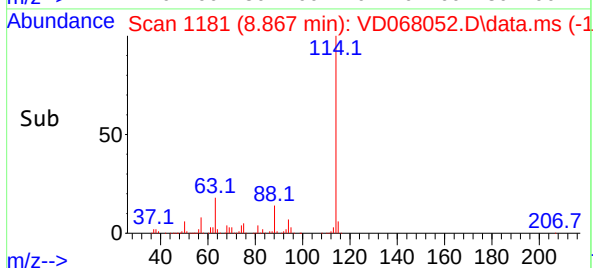
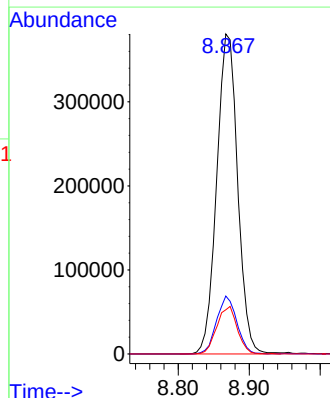
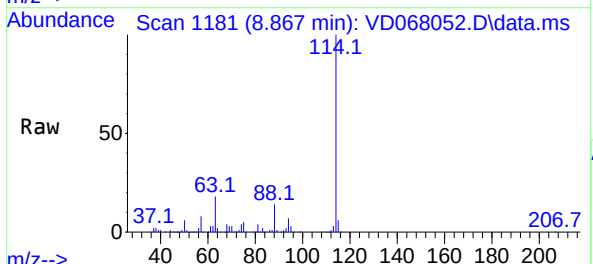
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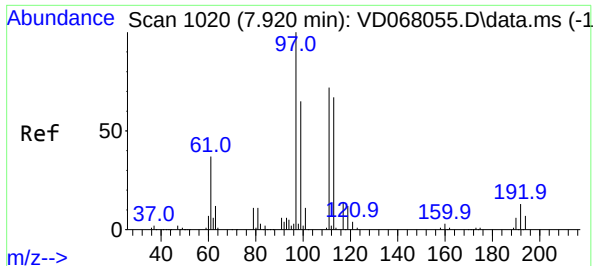
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion: 114 Resp: 777648
Ion Ratio Lower Upper
114 100
63 18.1 0.0 34.8
88 13.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 4.68 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068052.D

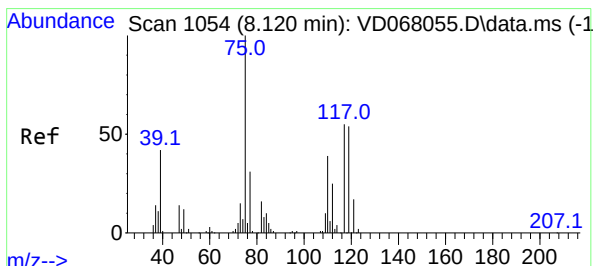
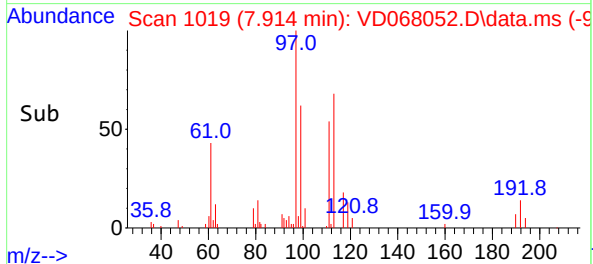
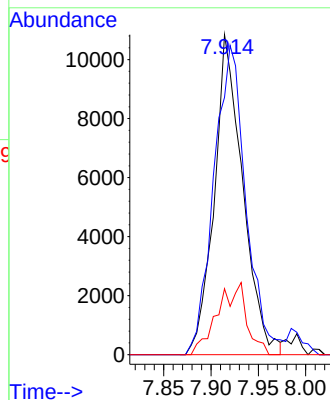
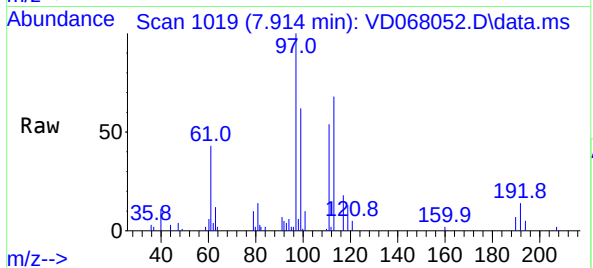
Acq: 12 Jan 2021 12:43

Tgt Ion:	113	Resp:	22740
Ion	Ratio	Lower	Upper
113	100		
111	109.0	81.4	122.0
192	23.1	16.1	24.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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#36

1,1-Dichloropropene

Concen: 4.49 ug/l

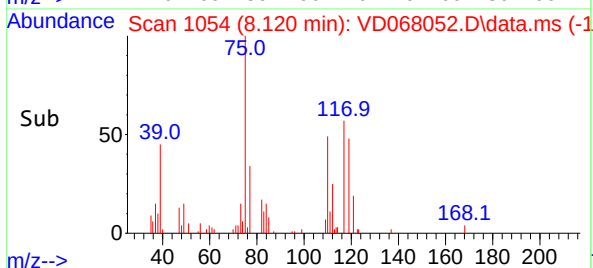
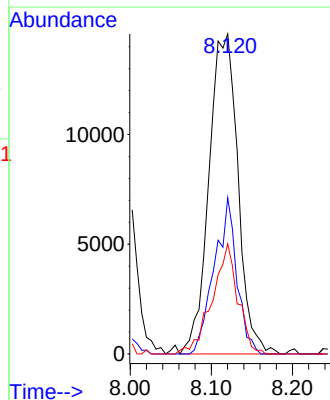
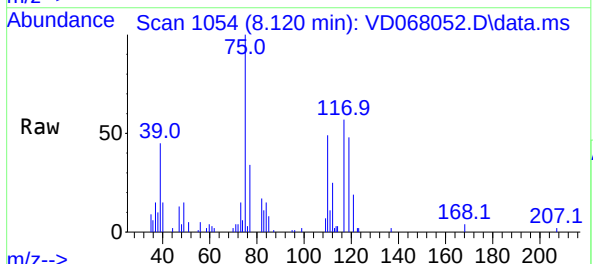
RT: 8.120 min Scan# 1054

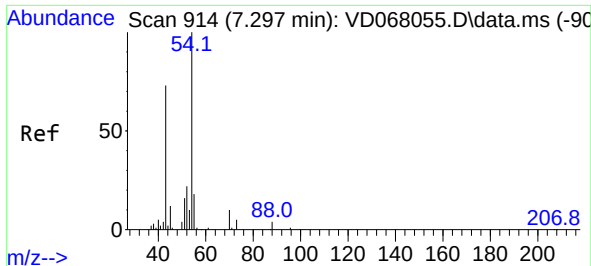
Delta R.T. -0.000 min

Lab File: VD068052.D

Acq: 12 Jan 2021 12:43

Tgt Ion:	75	Resp:	36266
Ion	Ratio	Lower	Upper
75	100		
110	38.0	19.4	58.2
77	30.5	25.3	37.9





#37

Ethyl Acetate

Concen: 3.36 ug/l

RT: 7.297 min Scan# 914

Delta R.T. -0.000 min

Lab File: VD068052.D

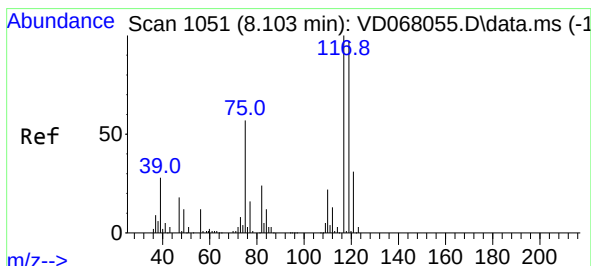
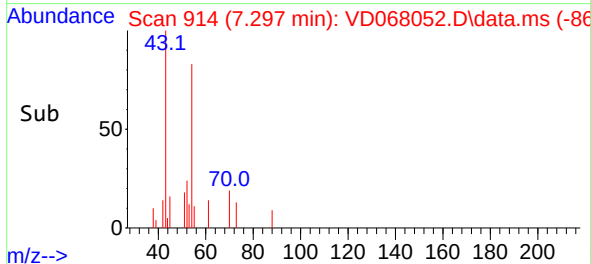
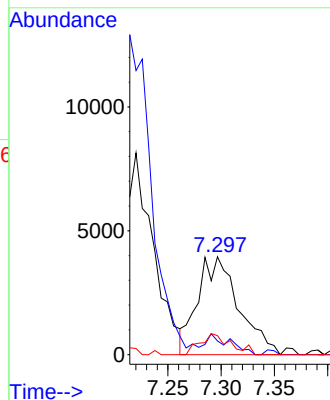
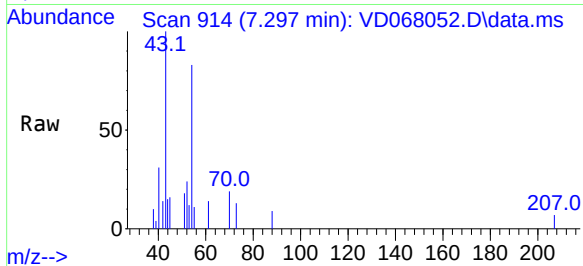
Acq: 12 Jan 2021 12:43

Tgt Ion:	43	Resp:	10610
Ion	Ratio	Lower	Upper
43	100		
61	12.2	12.9	19.3#
70	15.8	11.0	16.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 5.28 ug/l

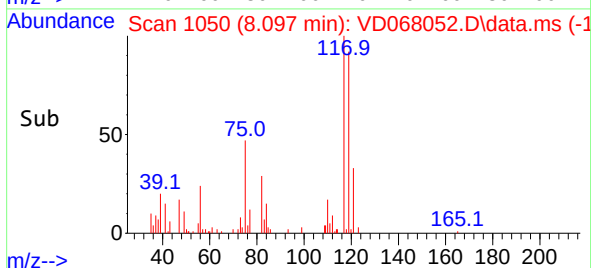
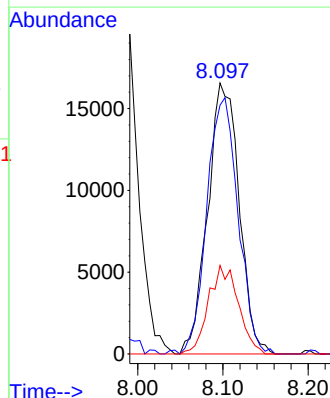
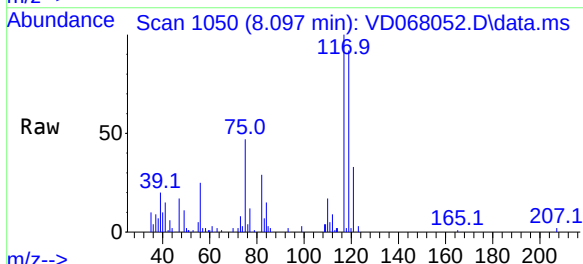
RT: 8.097 min Scan# 1050

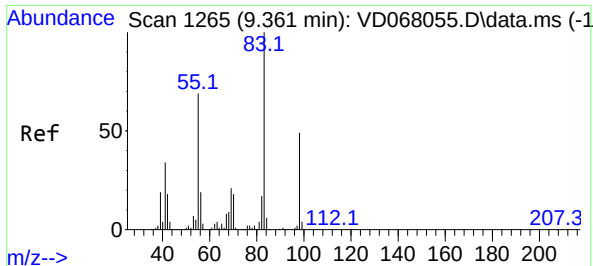
Delta R.T. -0.006 min

Lab File: VD068052.D

Acq: 12 Jan 2021 12:43

Tgt Ion:	117	Resp:	42507
Ion	Ratio	Lower	Upper
117	100		
119	91.8	77.3	115.9
121	32.7	24.7	37.1





#39

Methylcyclohexane

Concen: 4.25 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.006 min

Lab File: VD068052.D

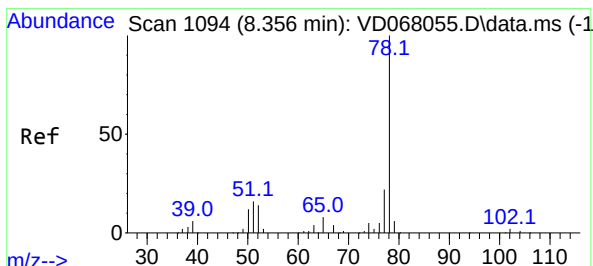
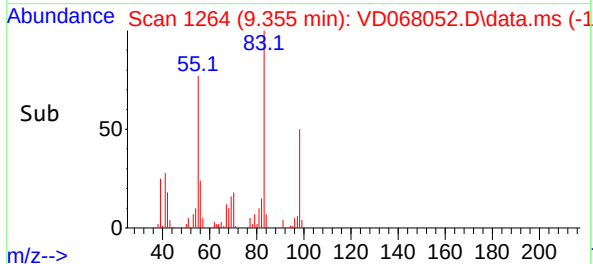
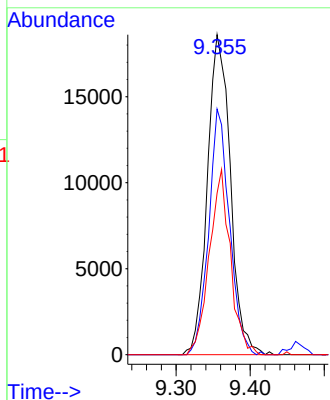
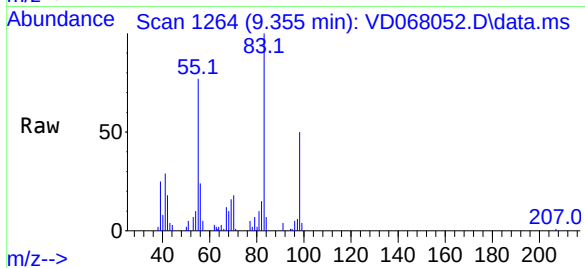
Acq: 12 Jan 2021 12:43

Tgt Ion:	83	Resp:	40069
Ion	Ratio	Lower	Upper
83	100		
55	76.7	55.2	82.8
98	50.5	39.1	58.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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#40

Benzene

Concen: 4.27 ug/l

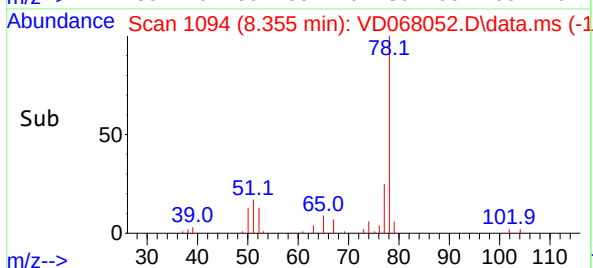
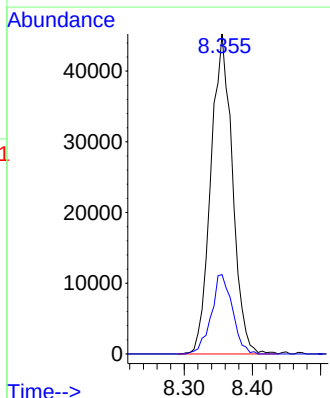
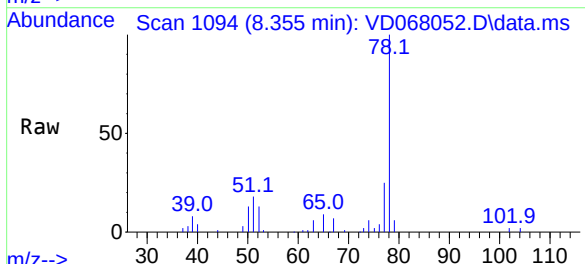
RT: 8.355 min Scan# 1094

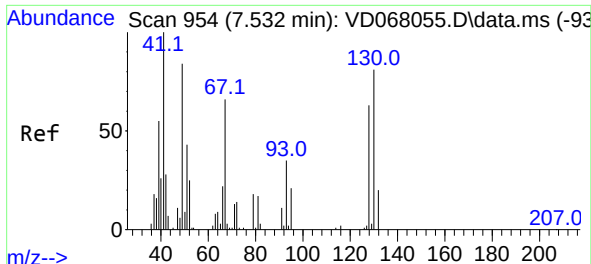
Delta R.T. -0.000 min

Lab File: VD068052.D

Acq: 12 Jan 2021 12:43

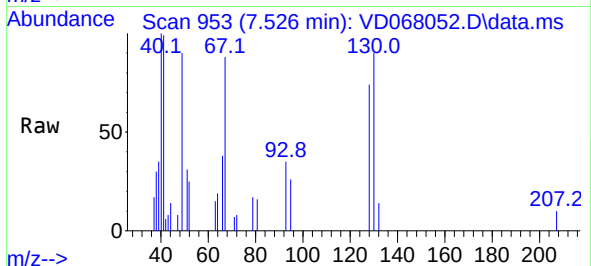
Tgt Ion:	78	Resp:	99663
Ion	Ratio	Lower	Upper
78	100		
77	24.8	17.8	26.6





#41
Methacrylonitrile
Concen: 2.72 ug/l
RT: 7.526 min Scan# 953
Delta R.T. -0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

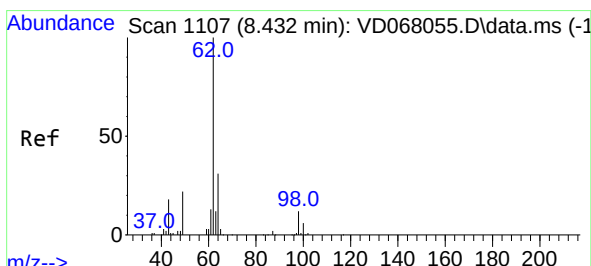
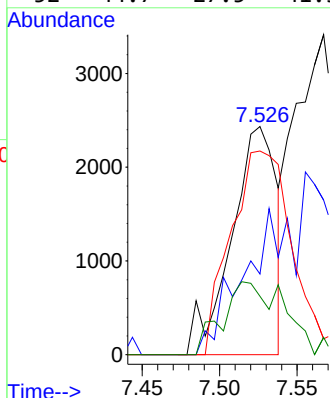
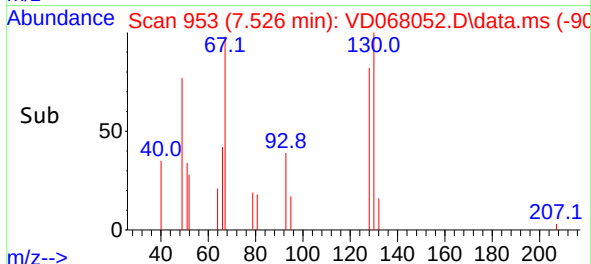
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



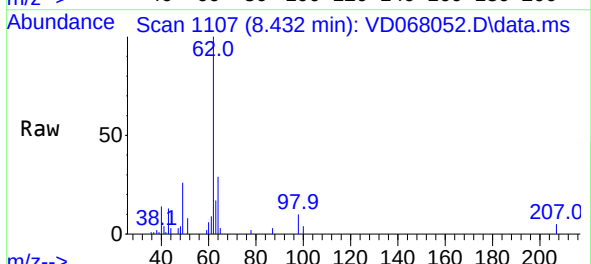
Tgt Ion: 41 Resp: 4901
Ion Ratio Lower Upper
41 100
39 51.2 45.2 67.8
67 122.1 67.4 101.2#
52 44.7 27.5 41.3#

Manual Integrations
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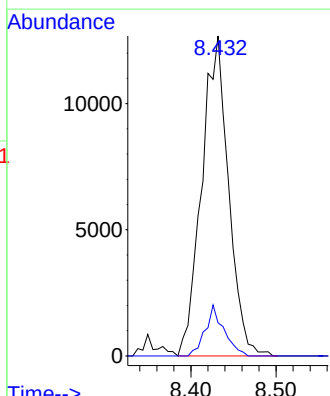
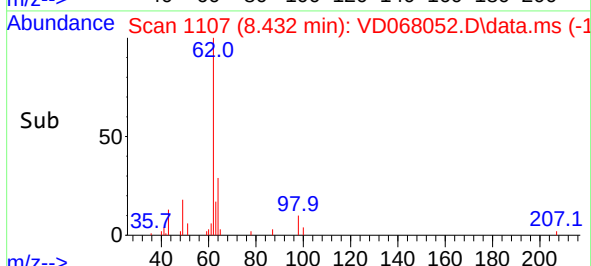
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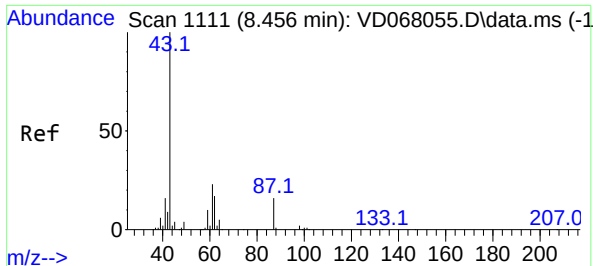


#42
1,2-Dichloroethane
Concen: 4.36 ug/l
RT: 8.432 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



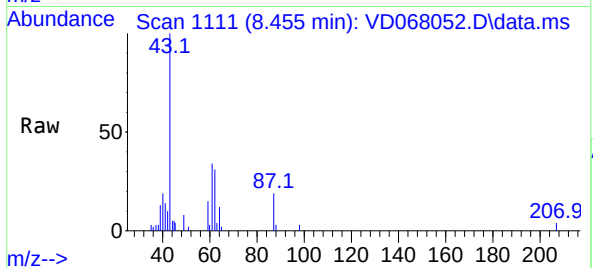
Tgt Ion: 62 Resp: 27801
Ion Ratio Lower Upper
62 100
98 11.0 0.0 21.8





#43
Isopropyl Acetate
Concen: 3.04 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

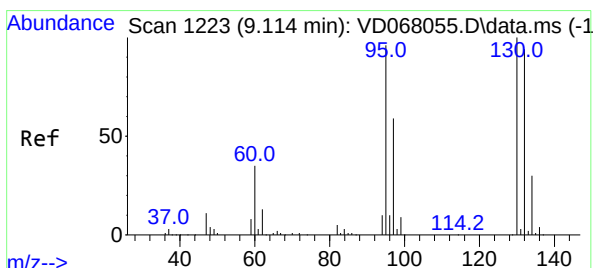
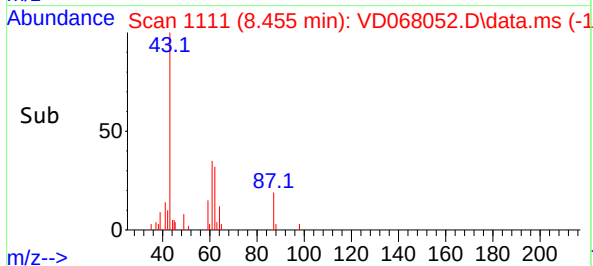
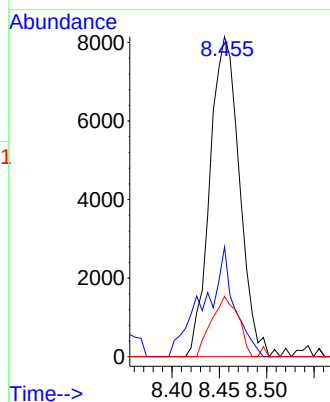
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 17734
Ion Ratio Lower Upper
43 100
61 35.6 28.7 43.1
87 17.1 13.9 20.9

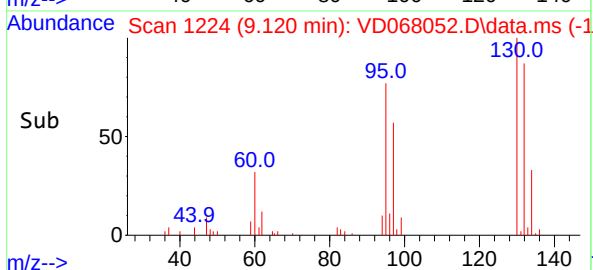
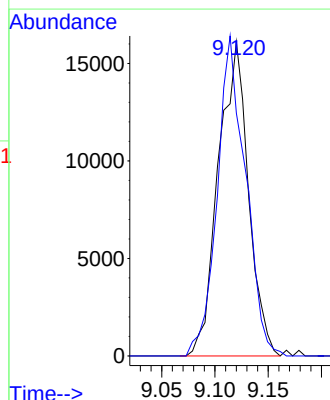
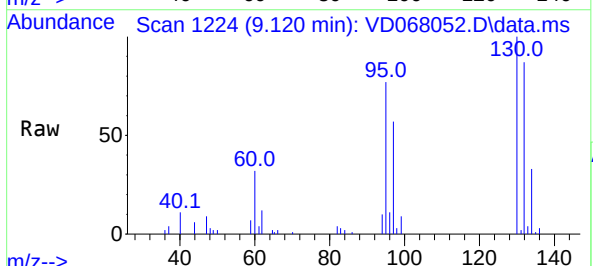
Manual Integrations
APPROVED

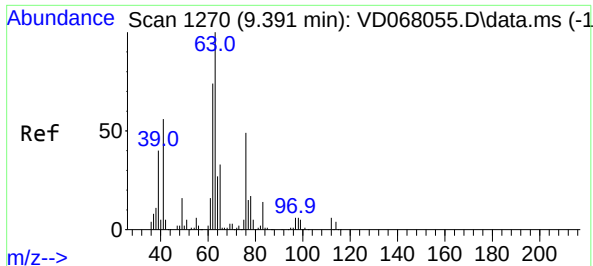
MMDadoda
1/13/2021 4:37:51 PM



#44
Trichloroethene
Concen: 5.23 ug/l
RT: 9.120 min Scan# 1224
Delta R.T. 0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion: 130 Resp: 31583
Ion Ratio Lower Upper
130 100
95 77.3 0.0 191.2





#45

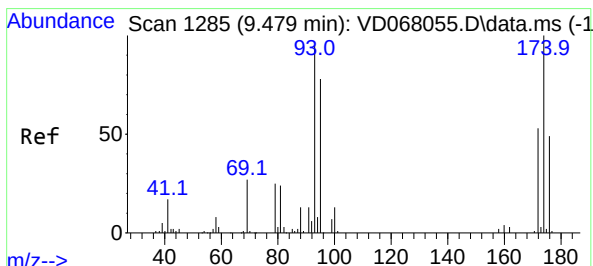
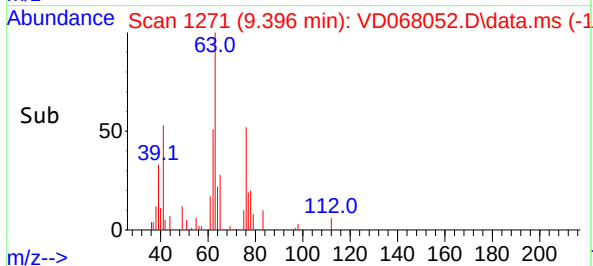
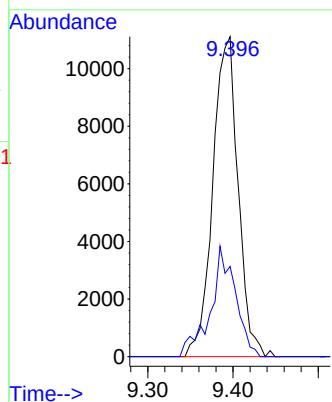
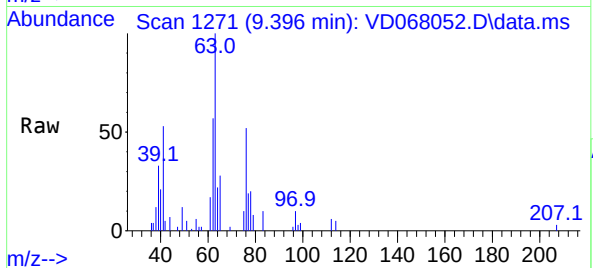
1,2-Dichloropropane
Concen: 3.90 ug/l
RT: 9.396 min Scan# 1271
Delta R.T. 0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion: 63 Resp: 22881
Ion Ratio Lower Upper
63 100
65 28.2 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

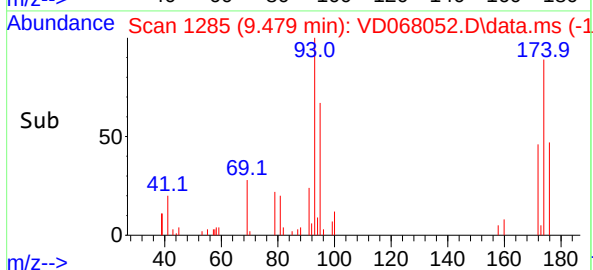
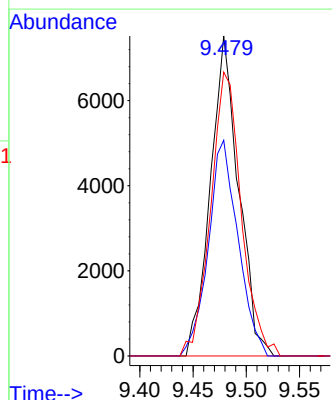
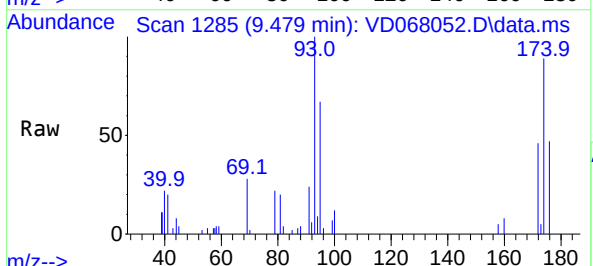
MMDadoda
1/13/2021 4:37:51 PM

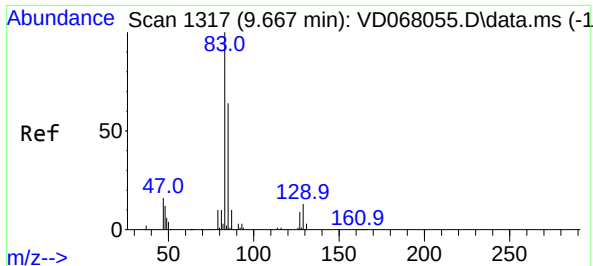


#46

Dibromomethane
Concen: 4.72 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion: 93 Resp: 13890
Ion Ratio Lower Upper
93 100
95 70.9 67.3 100.9
174 95.8 84.6 127.0





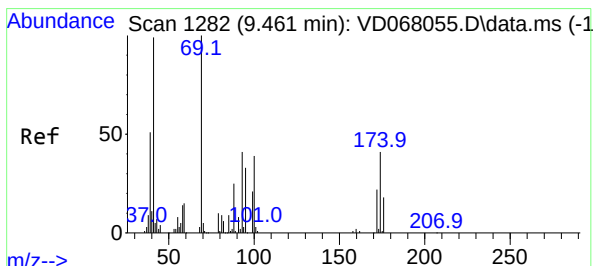
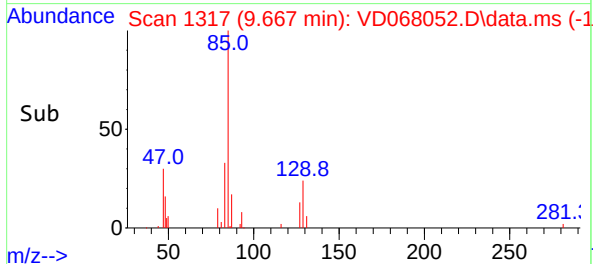
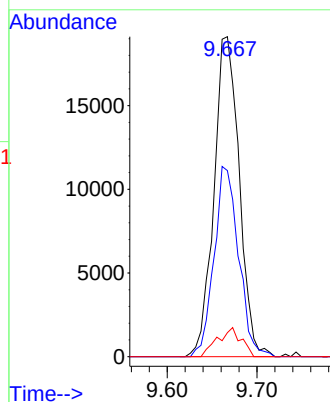
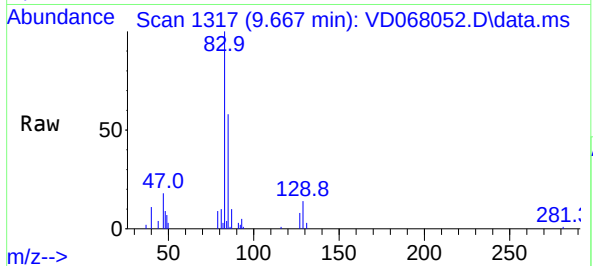
#47
Bromodichloromethane
Concen: 4.74 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion:	83	Resp:	37409
Ion	Ratio	Lower	Upper
83	100		
85	58.1	51.6	77.4
127	7.5	7.4	11.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

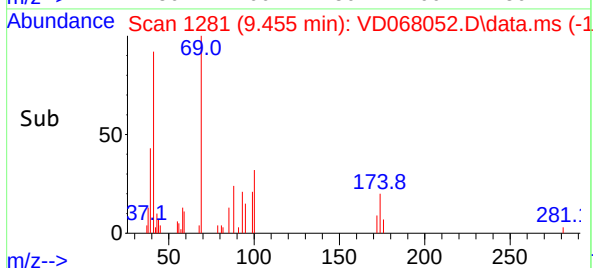
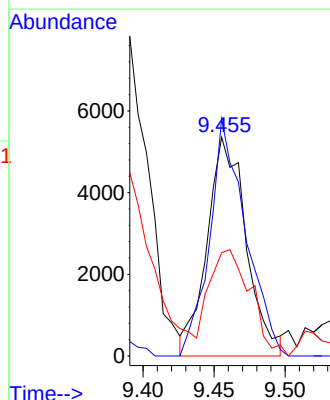
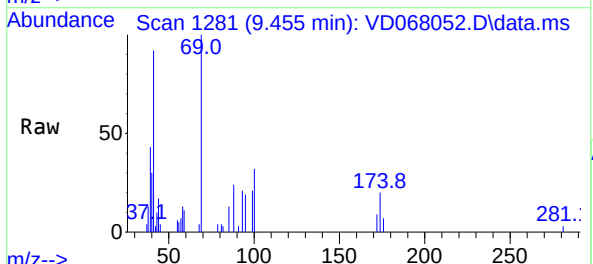
Manual Integrations
APPROVED

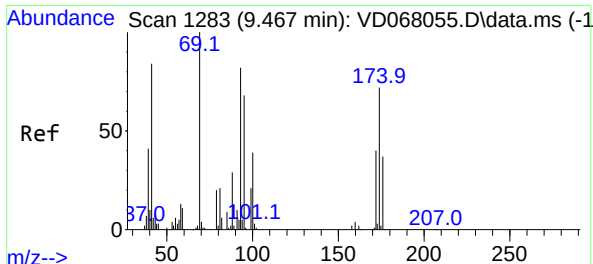
MMDadoda
1/13/2021 4:37:51 PM



#48
Methyl methacrylate
Concen: 3.38 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion:	41	Resp:	10231
Ion	Ratio	Lower	Upper
41	100		
69	100.6	77.1	115.7
39	51.9	41.5	62.3





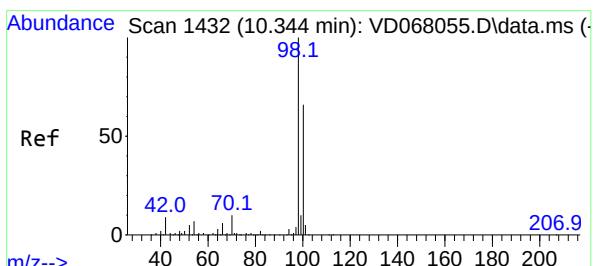
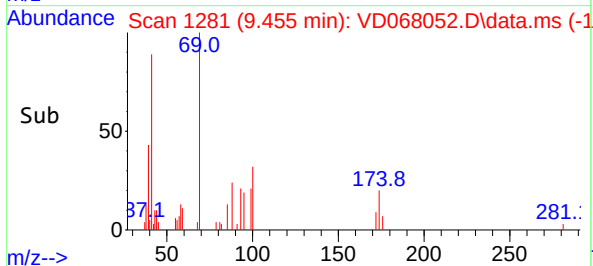
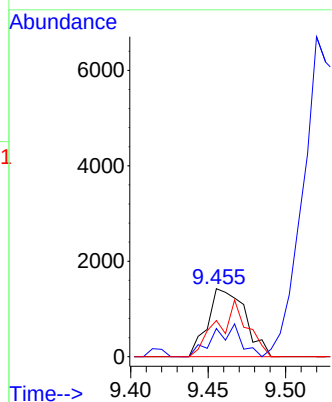
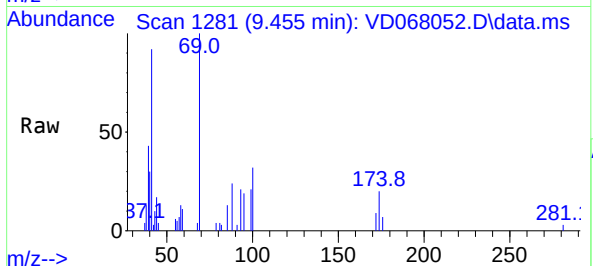
#49
1,4-Dioxane
Concen: 73.78 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.012 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion: 88 Resp: 2383
Ion Ratio Lower Upper
88 100
43 35.5 22.1 33.1#
58 67.3 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

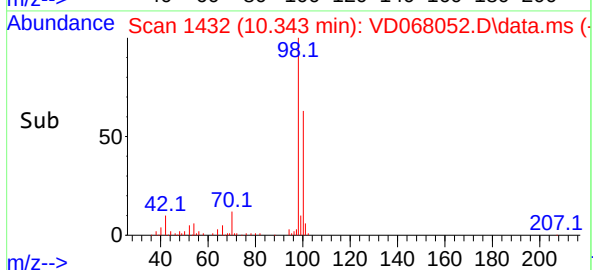
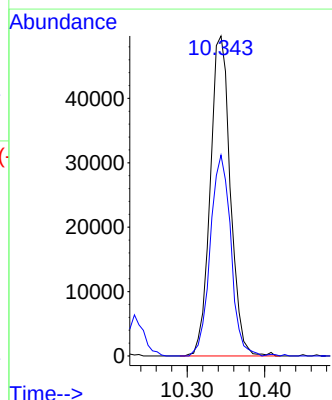
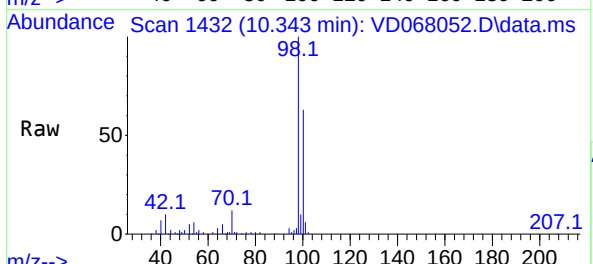
Manual Integrations
APPROVED

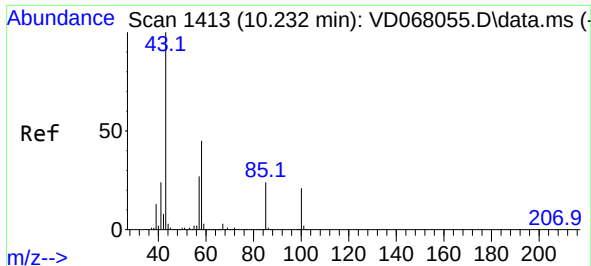
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1/13/2021 4:37:51 PM



#50
Toluene-d8
Concen: 4.94 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

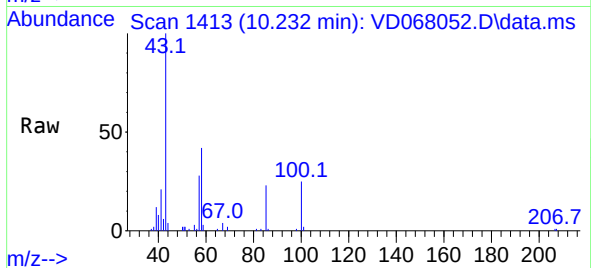
Tgt Ion: 98 Resp: 89771
Ion Ratio Lower Upper
98 100
100 64.0 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 14.89 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

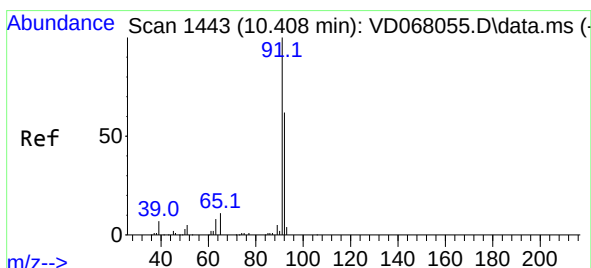
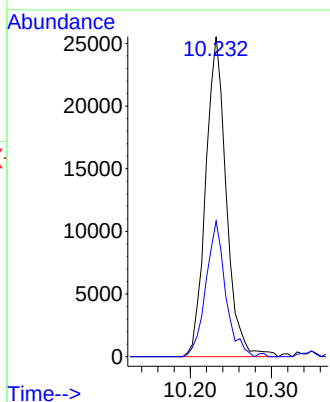
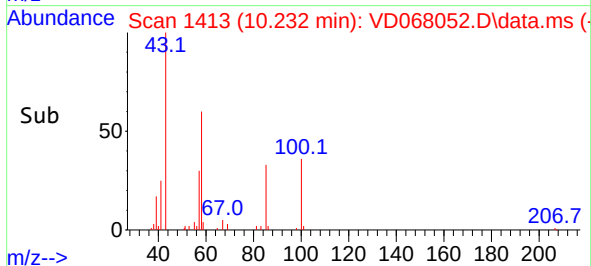
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



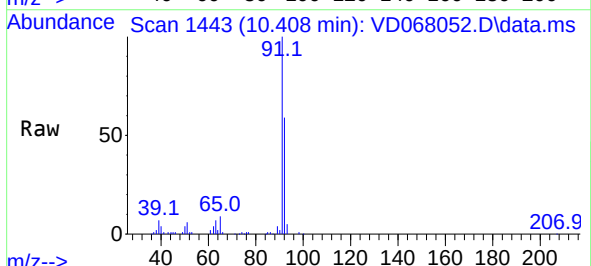
Tgt Ion: 43 Resp: 44918
Ion Ratio Lower Upper
43 100
58 40.4 36.1 54.1

Manual Integrations
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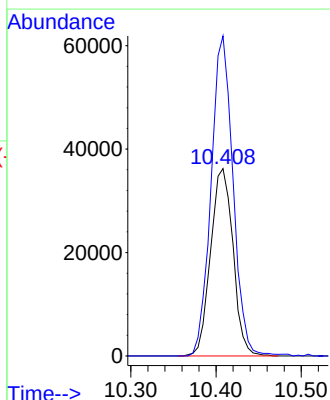
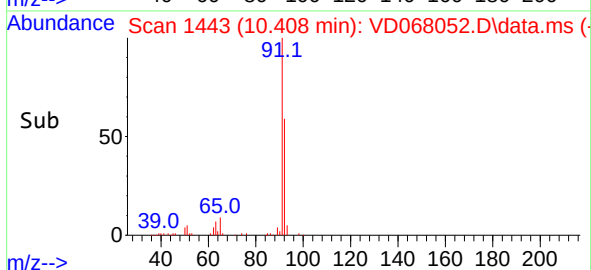
MMDadoda
1/13/2021 4:37:51 PM

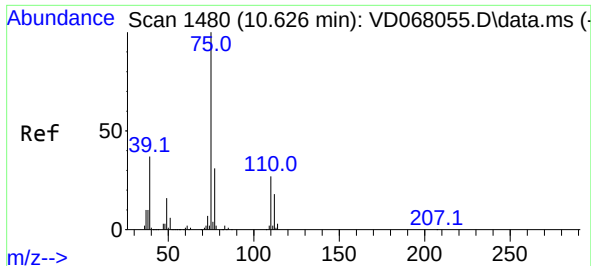


#52
Toluene
Concen: 4.54 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



Tgt Ion: 92 Resp: 66240
Ion Ratio Lower Upper
92 100
91 167.7 134.1 201.1





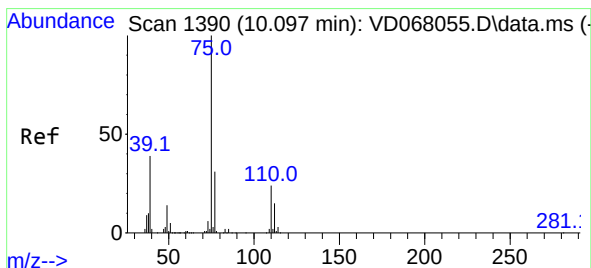
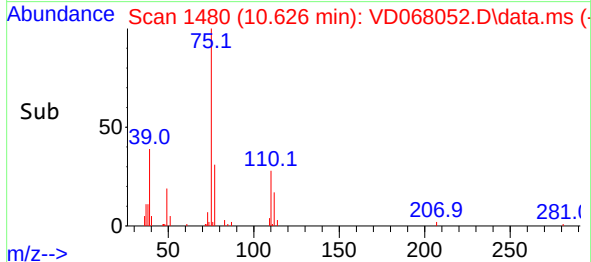
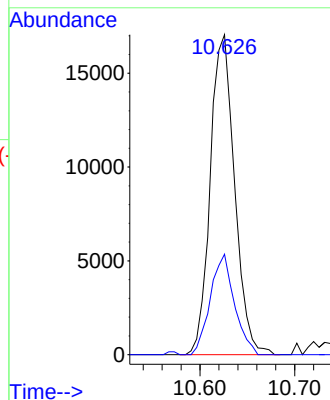
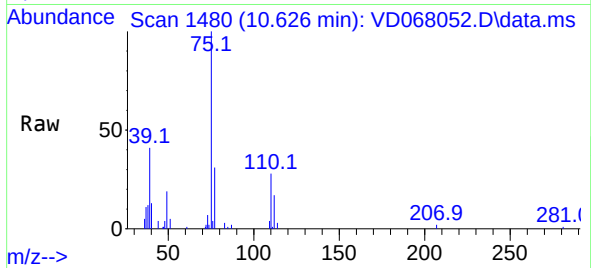
#53
t-1,3-Dichloropropene
Concen: 4.26 ug/l
RT: 10.626 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion: 75 Resp: 30436
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

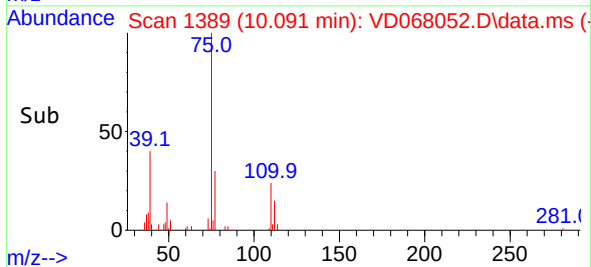
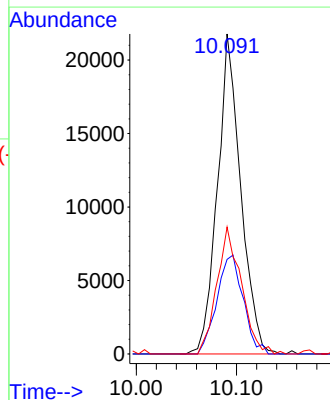
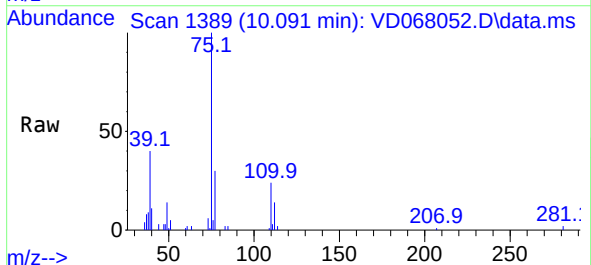
Manual Integrations
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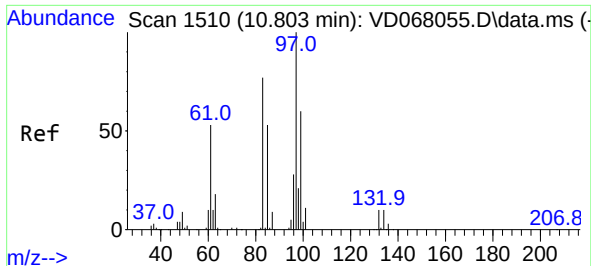
MMDadoda
1/13/2021 4:37:51 PM



#54
cis-1,3-Dichloropropene
Concen: 3.99 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

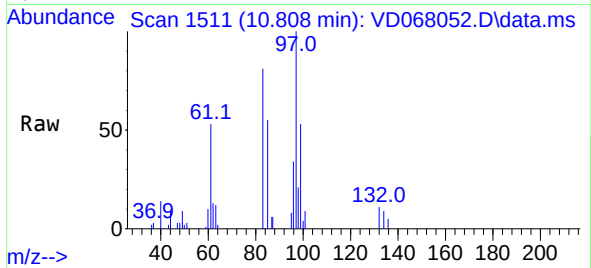
Tgt Ion: 75 Resp: 35085
Ion Ratio Lower Upper
75 100
77 29.6 24.6 37.0
39 39.6 31.4 47.0





#55
1,1,2-Trichloroethane
Concen: 4.50 ug/l
RT: 10.808 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

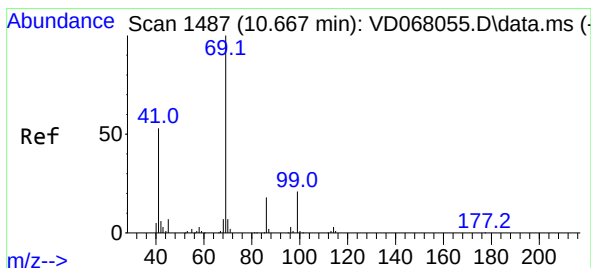
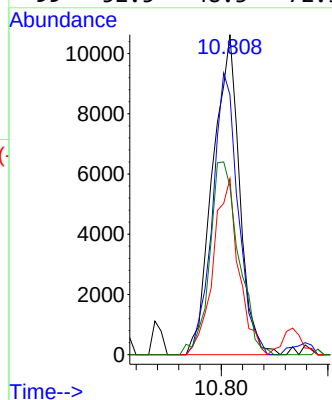
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



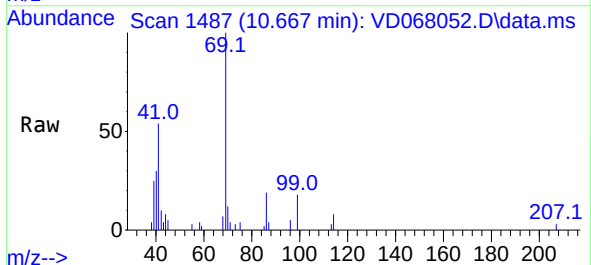
Tgt Ion:	97	Resp:	18509
Ion	Ratio	Lower	Upper
97	100		
83	81.2	61.8	92.6
85	55.0	42.2	63.2
99	52.5	48.3	72.5

Manual Integrations
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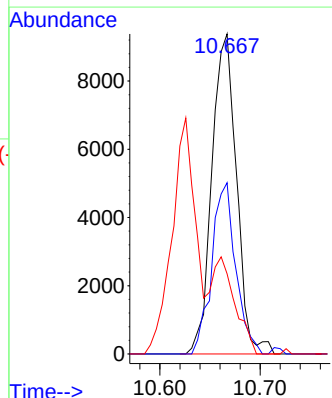
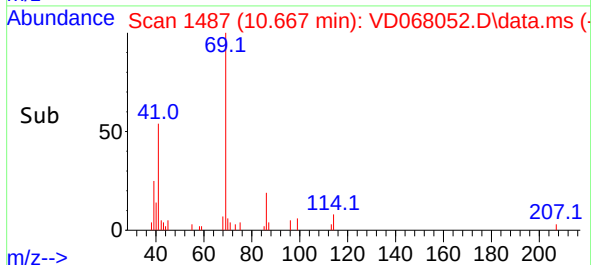
MMDadoda
1/13/2021 4:37:51 PM

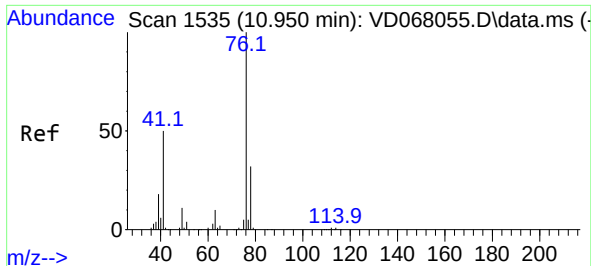


#56
Ethyl methacrylate
Concen: 3.50 ug/l
RT: 10.667 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



Tgt Ion:	69	Resp:	16026
Ion	Ratio	Lower	Upper
69	100		
41	52.1	44.9	67.3
39	26.1	21.9	32.9





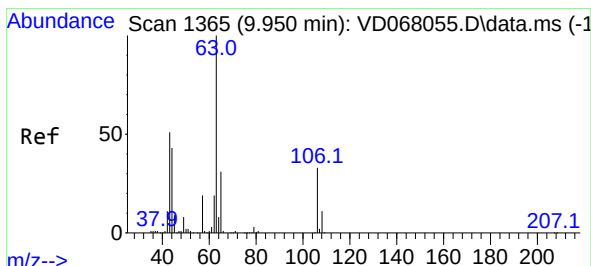
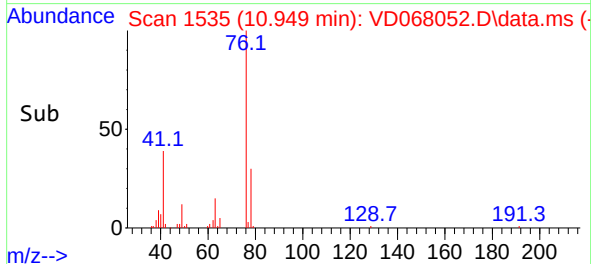
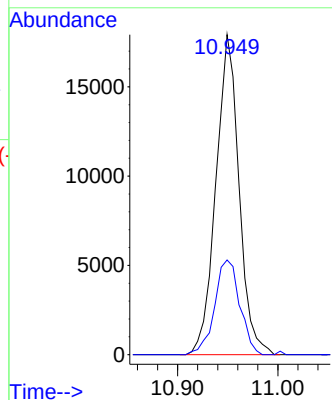
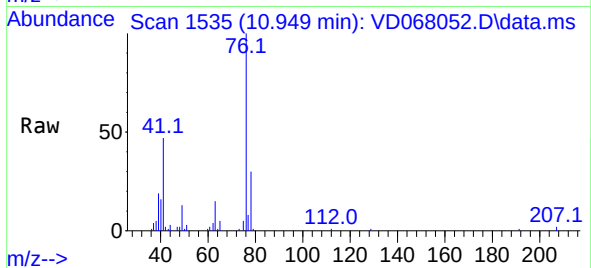
#57
1,3-Dichloropropane
Concen: 4.02 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion: 76 Resp: 28694
Ion Ratio Lower Upper
76 100
78 32.2 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

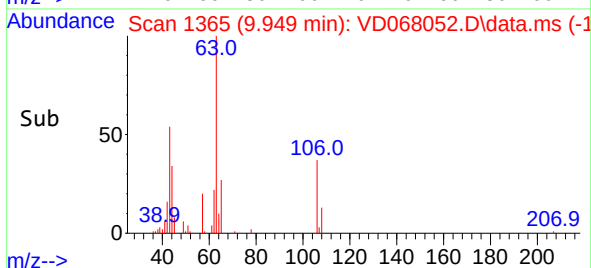
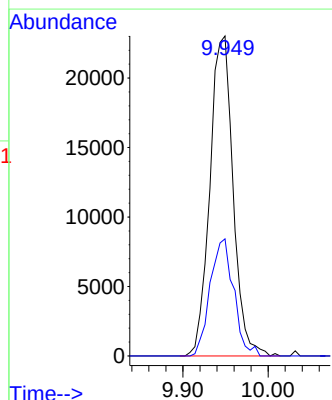
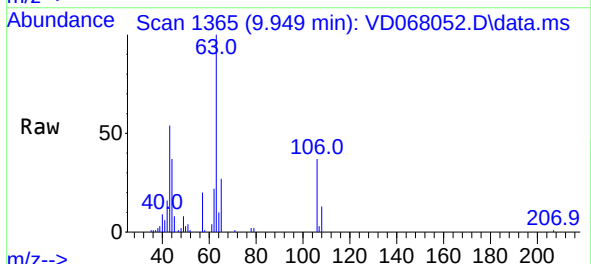
Manual Integrations
APPROVED

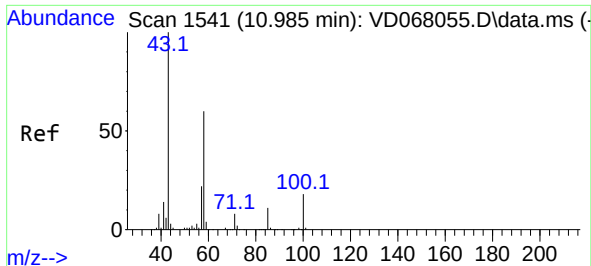
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#58
2-Chloroethyl Vinyl ether
Concen: 19.31 ug/l
RT: 9.949 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion: 63 Resp: 43637
Ion Ratio Lower Upper
63 100
106 37.2 27.0 40.4





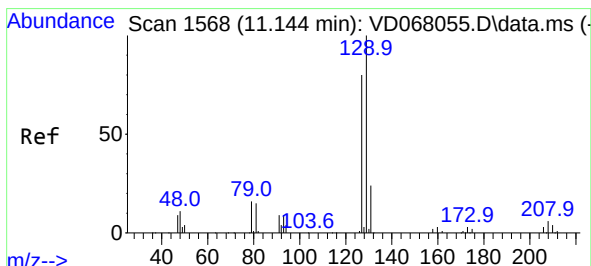
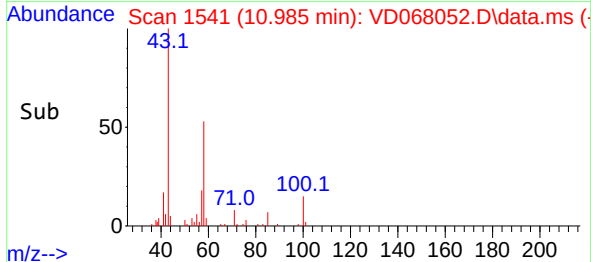
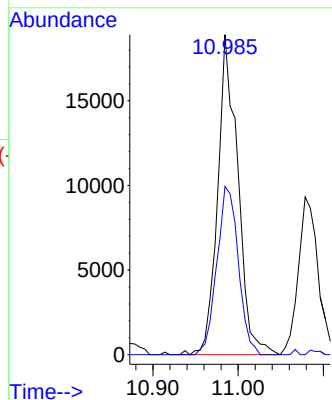
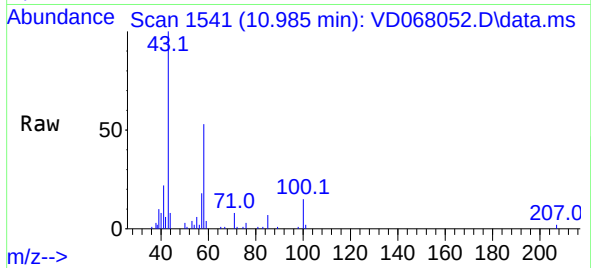
#59
2-Hexanone
Concen: 15.60 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion: 43 Resp: 31089
Ion Ratio Lower Upper
43 100
58 55.9 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

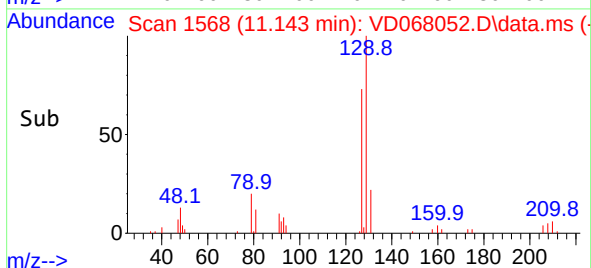
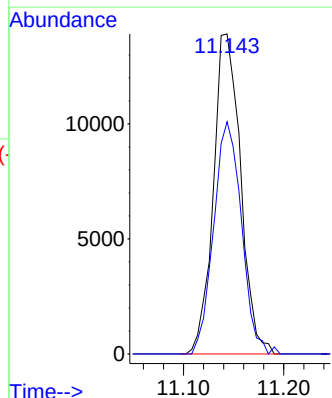
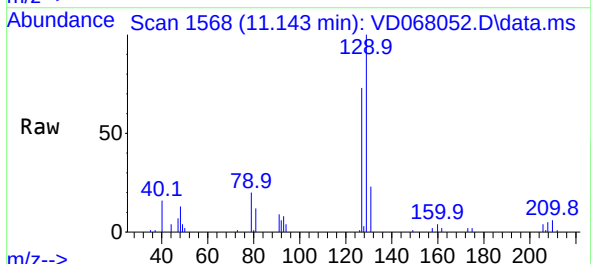
Manual Integrations
APPROVED

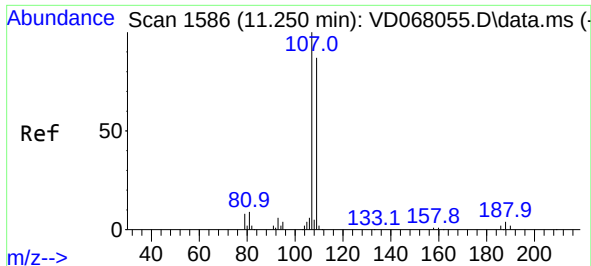
MMDadoda
1/13/2021 4:37:51 PM



#60
Dibromochloromethane
Concen: 5.07 ug/l
RT: 11.143 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

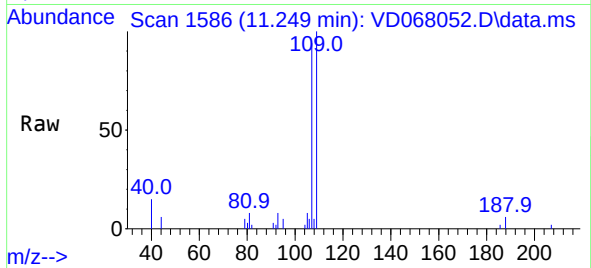
Tgt Ion:129 Resp: 26188
Ion Ratio Lower Upper
129 100
127 74.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 4.22 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

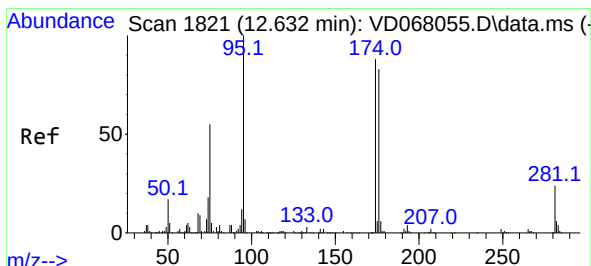
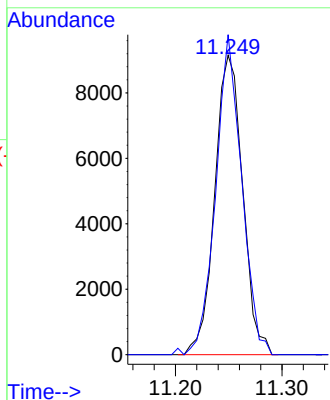
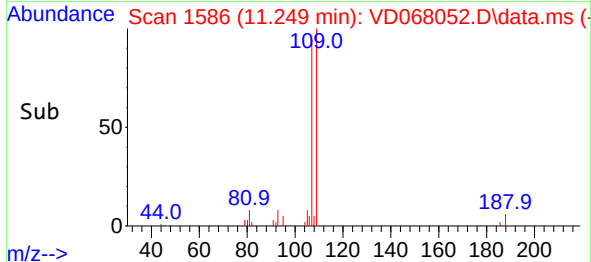
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



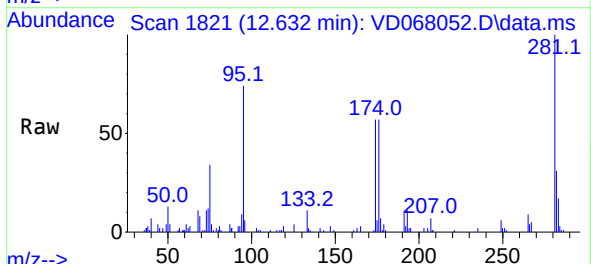
Tgt Ion:107 Resp: 16689
Ion Ratio Lower Upper
107 100
109 99.4 74.8 112.2

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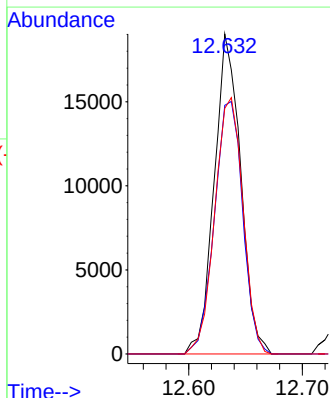
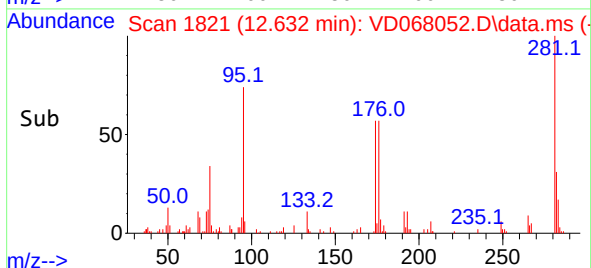
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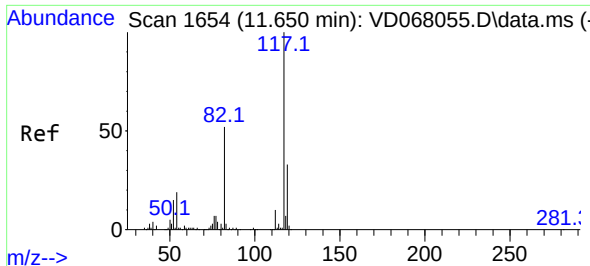


#62
4-Bromofluorobenzene
Concen: 4.92 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



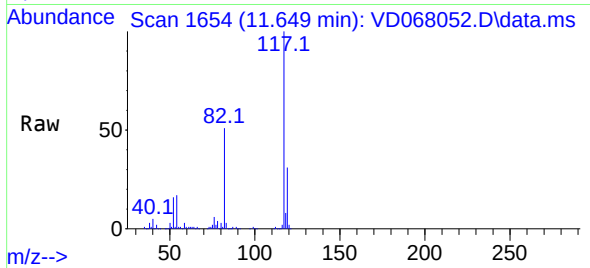
Tgt Ion: 95 Resp: 30708
Ion Ratio Lower Upper
95 100
174 84.6 0.0 172.4
176 85.6 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

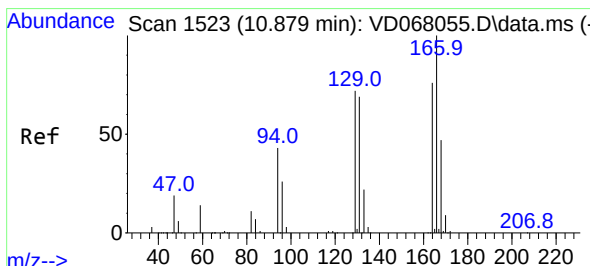
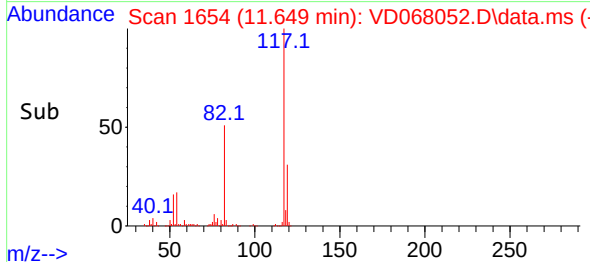
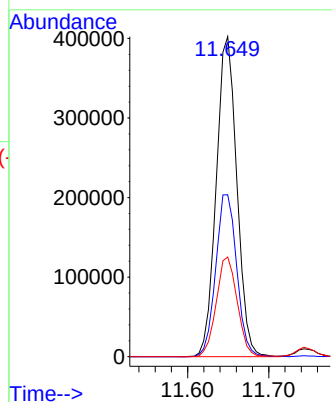
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



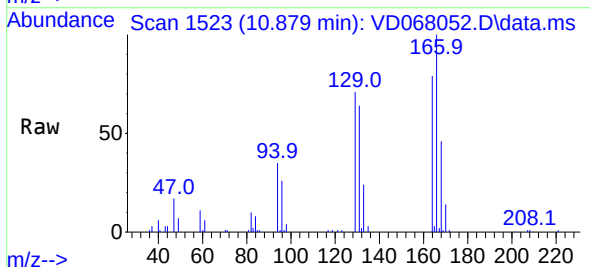
Tgt Ion:117 Resp: 709843
Ion Ratio Lower Upper
117 100
82 50.6 41.4 62.0
119 31.1 26.1 39.1

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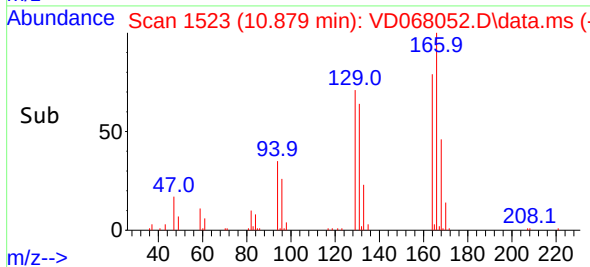
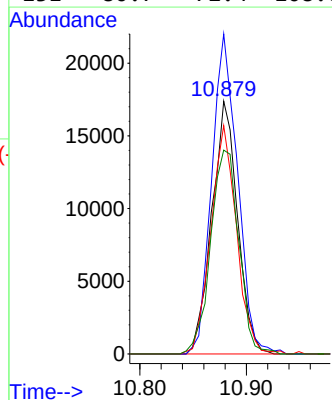
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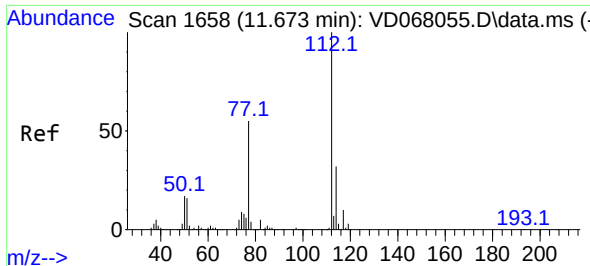


#64
Tetrachloroethene
Concen: 5.79 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



Tgt Ion:164 Resp: 29216
Ion Ratio Lower Upper
164 100
166 126.6 105.5 158.3
129 90.3 75.6 113.4
131 80.7 72.4 108.6





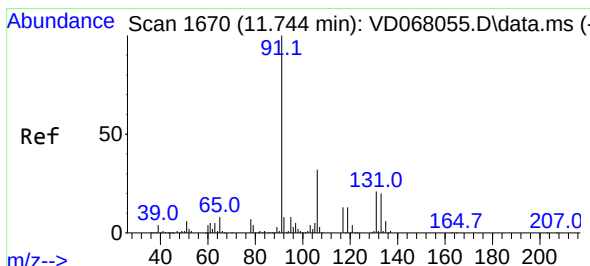
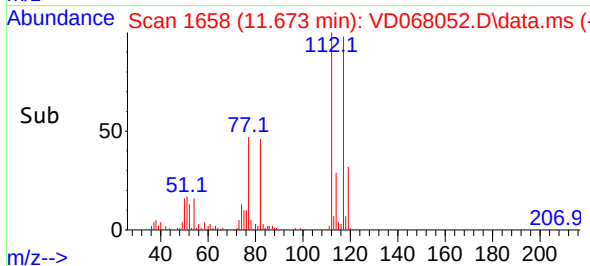
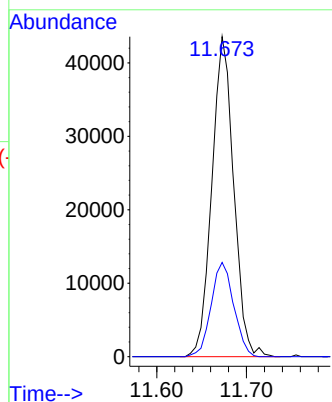
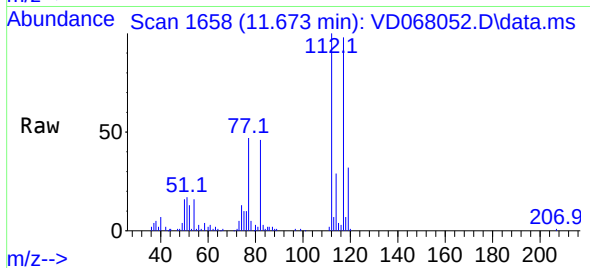
#65
Chlorobenzene
Concen: 4.81 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 73502
Ion Ratio Lower Upper
112 100
114 29.5 25.7 38.5

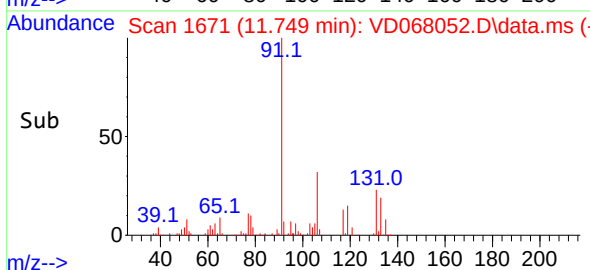
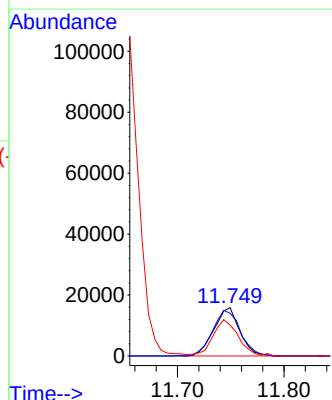
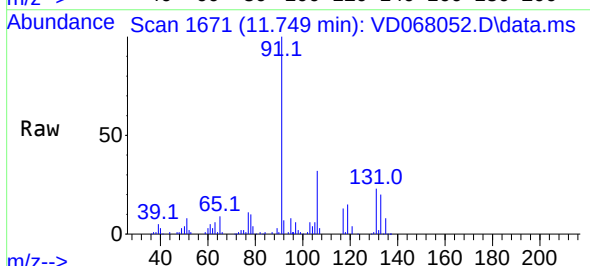
Manual Integrations
APPROVED

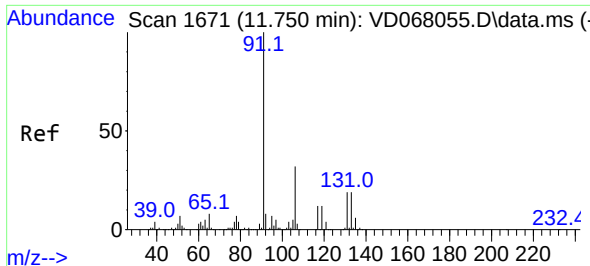
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.86 ug/l
RT: 11.749 min Scan# 1671
Delta R.T. 0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion:131 Resp: 26712
Ion Ratio Lower Upper
131 100
133 101.9 48.1 144.4
119 73.8 31.6 94.8





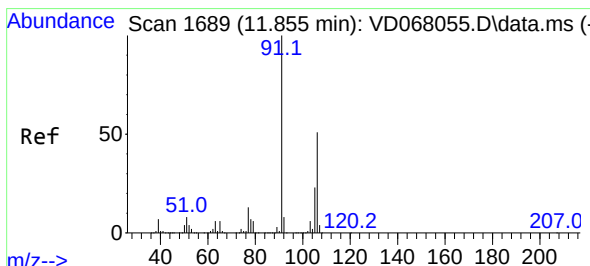
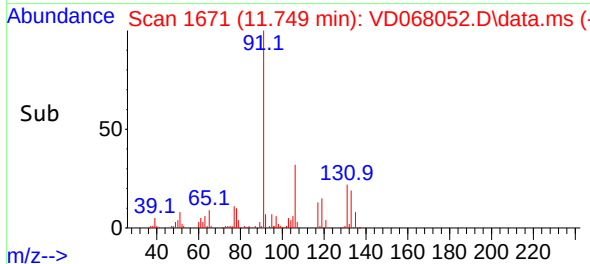
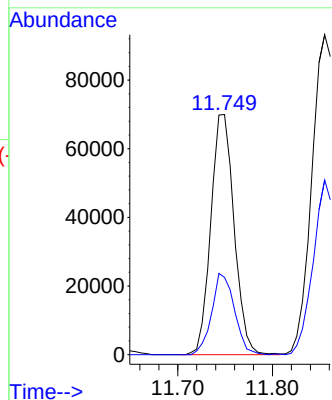
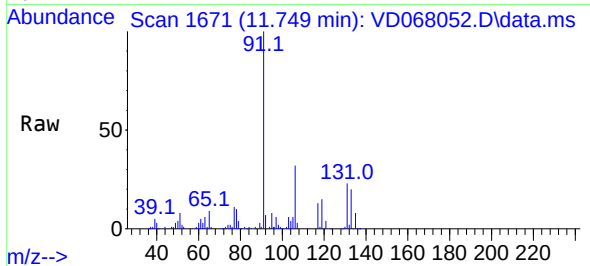
#67
Ethyl Benzene
Concen: 4.41 ug/l
RT: 11.749 min Scan# 1671
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion: 91 Resp: 119533
Ion Ratio Lower Upper
91 100
106 32.2 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

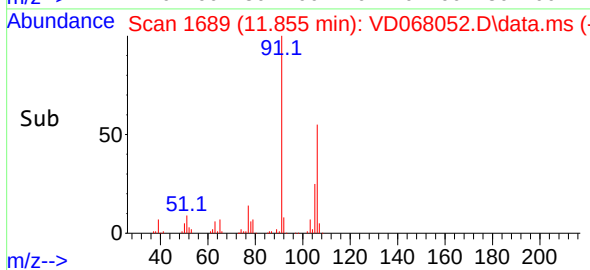
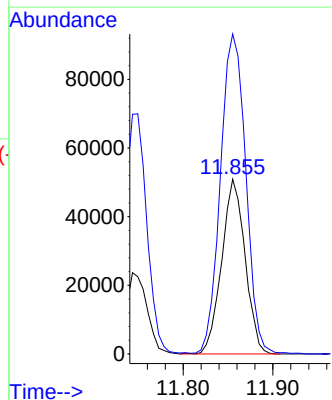
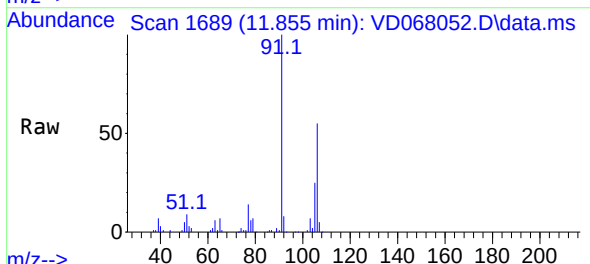
Manual Integrations
APPROVED

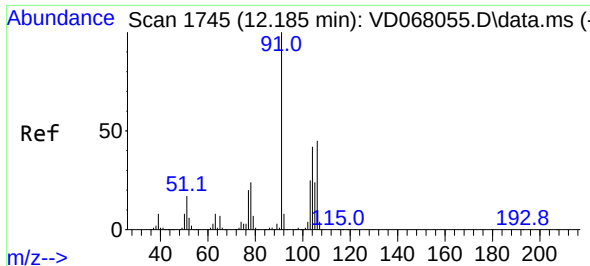
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1/13/2021 4:37:51 PM



#68
m/p-Xylenes
Concen: 8.90 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

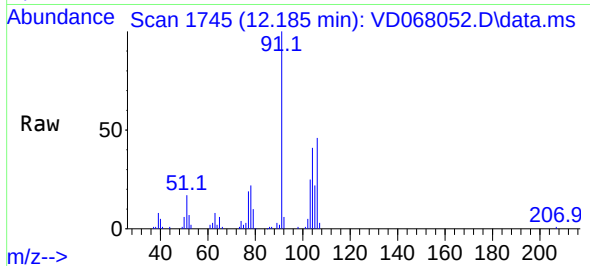
Tgt Ion: 106 Resp: 92120
Ion Ratio Lower Upper
106 100
91 198.4 159.1 238.7





#69
o-Xylene
Concen: 4.52 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

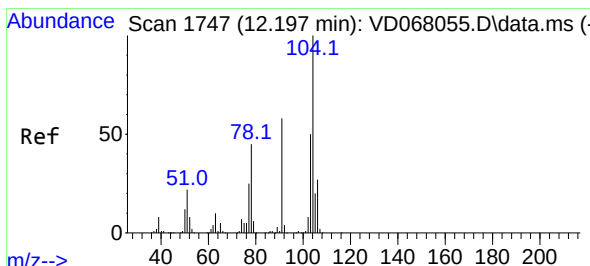
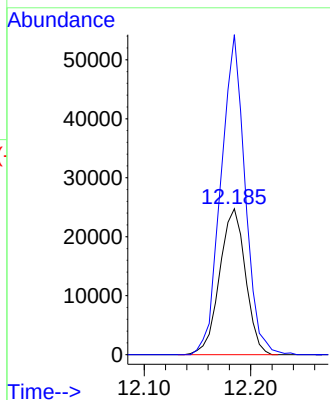
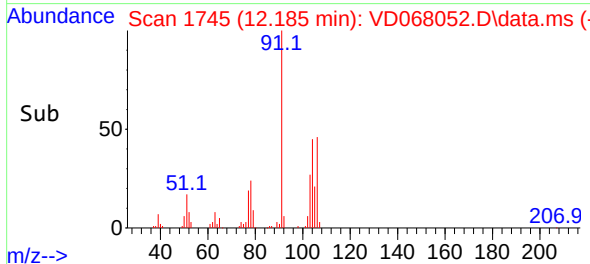
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



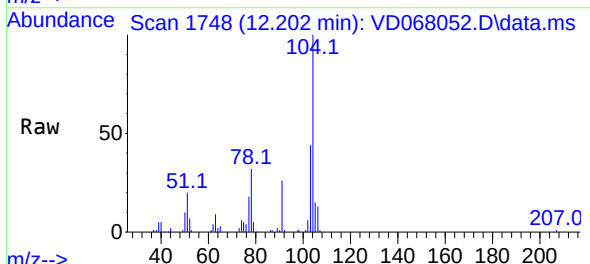
Tgt Ion:106 Resp: 41739
Ion Ratio Lower Upper
106 100
91 204.5 108.7 325.9

Manual Integrations
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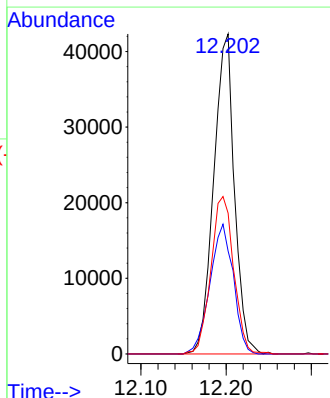
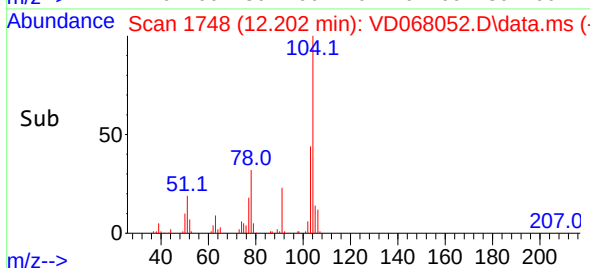
MMDadoda
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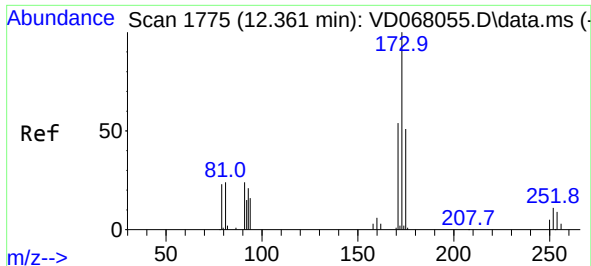


#70
Styrene
Concen: 4.47 ug/l
RT: 12.202 min Scan# 1748
Delta R.T. 0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

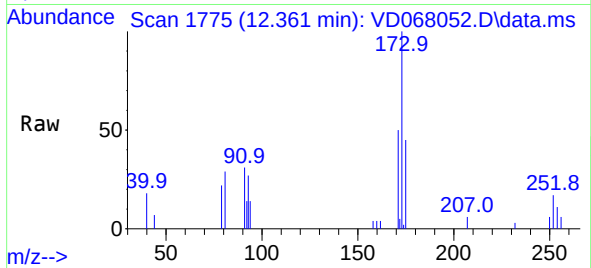


Tgt Ion:104 Resp: 71526
Ion Ratio Lower Upper
104 100
78 45.6 38.2 57.2
103 54.2 43.1 64.7

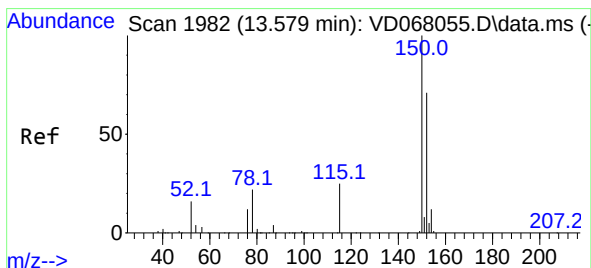
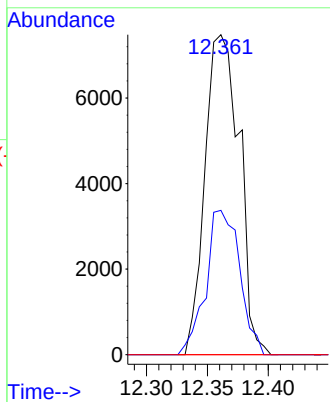
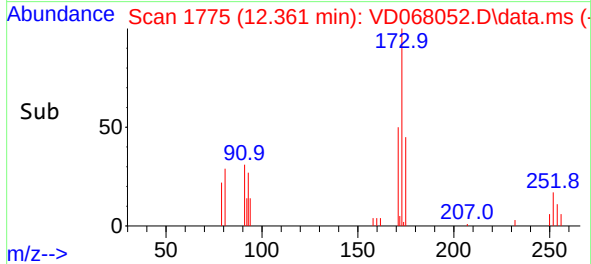




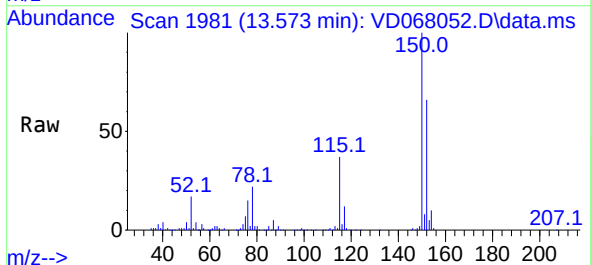
#71
Bromoform
Concen: 5.26 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



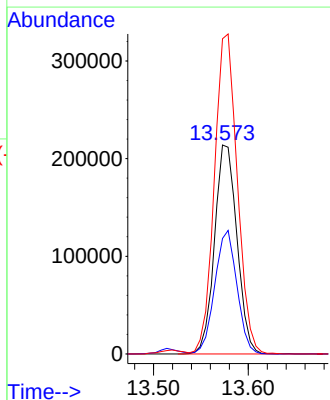
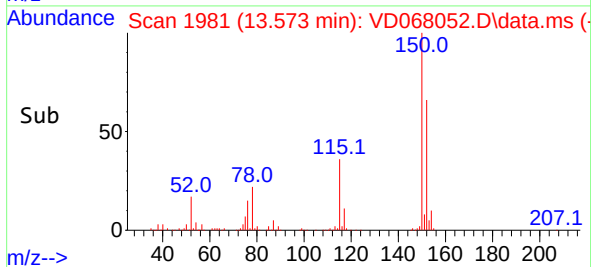
Tgt Ion:173 Resp: 14700
Ion Ratio Lower Upper
173 100
175 44.4 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



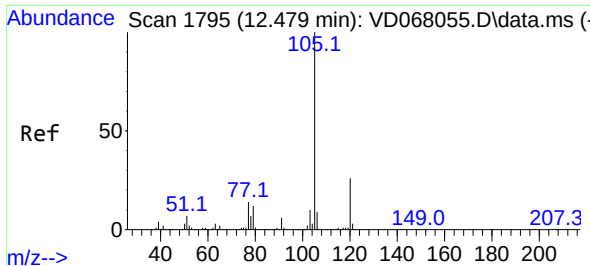
Tgt Ion:152 Resp: 352231
Ion Ratio Lower Upper
152 100
115 58.5 28.9 86.8
150 156.5 0.0 344.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

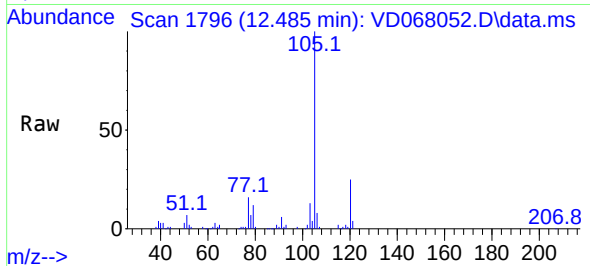
Manual Integrations
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#73
Isopropylbenzene
Concen: 4.16 ug/l
RT: 12.485 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

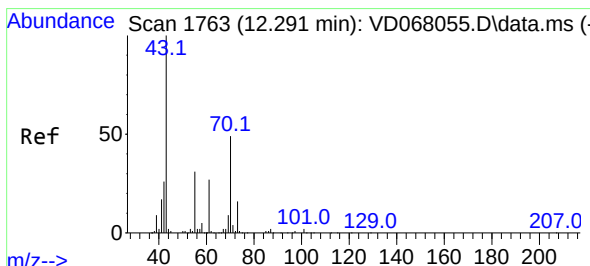
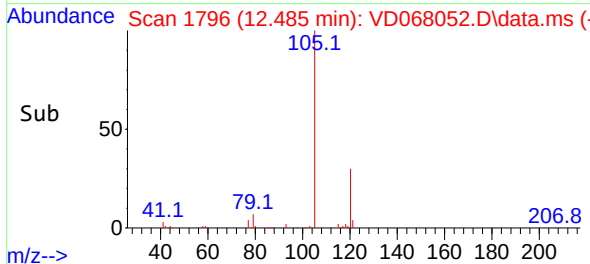
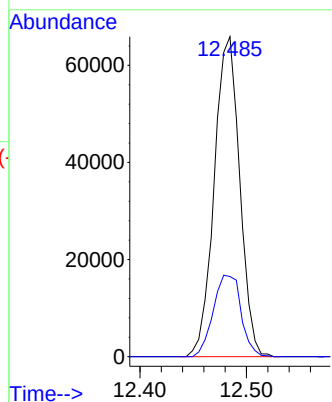
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



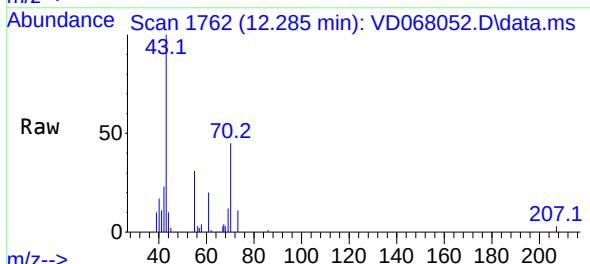
Tgt Ion:105 Resp: 109317
Ion Ratio Lower Upper
105 100
120 27.8 13.2 39.6

Manual Integrations
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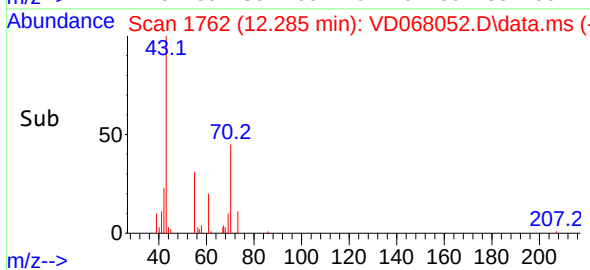
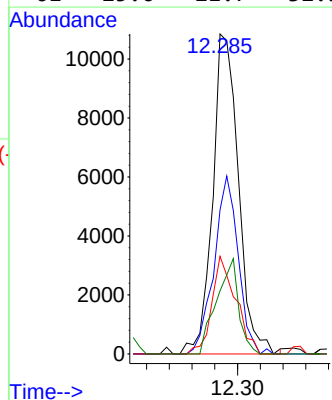
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1/13/2021 4:37:51 PM

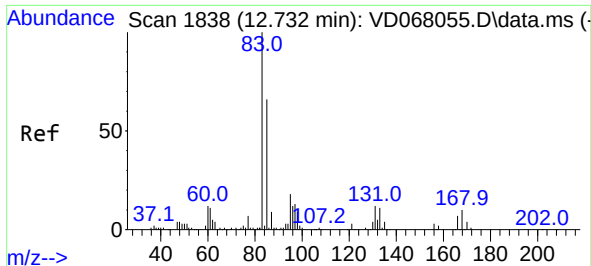


#74
N-ethyl acetate
Concen: 3.01 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



Tgt Ion: 43 Resp: 17064
Ion Ratio Lower Upper
43 100
70 52.1 41.8 62.8
55 28.5 24.2 36.4
61 25.6 21.7 32.5





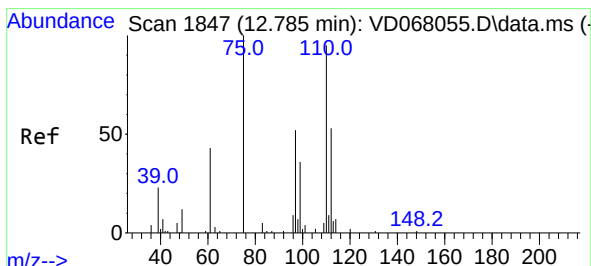
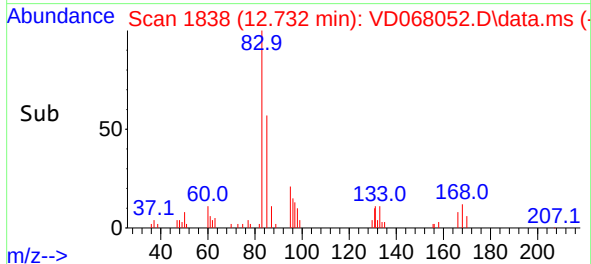
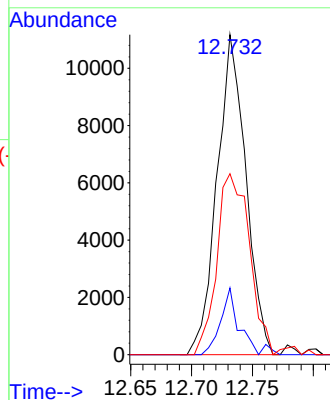
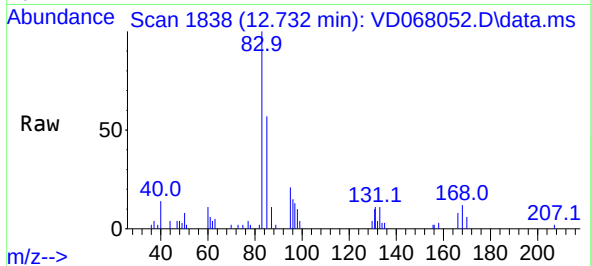
#75
1,1,2,2-Tetrachloroethane
Concen: 3.85 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion: 83 Resp: 18390
Ion Ratio Lower Upper
83 100
131 13.0 5.8 17.4
85 64.3 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

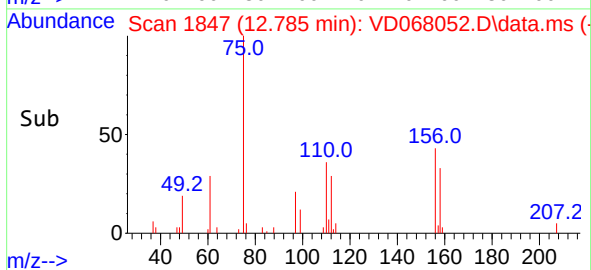
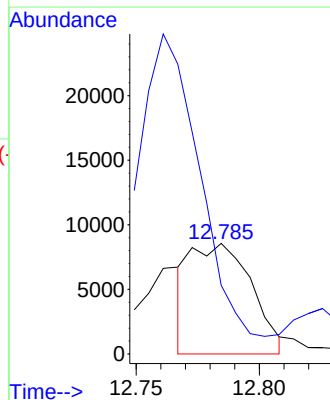
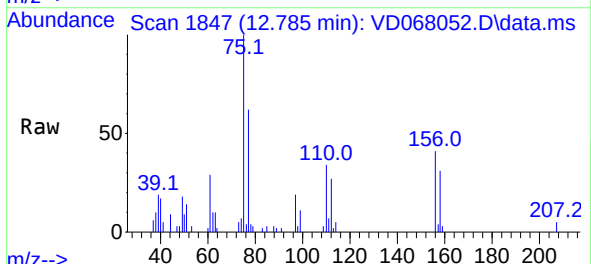
Manual Integrations
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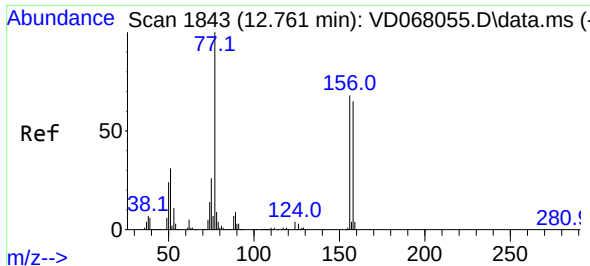
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#76
1,2,3-Trichloropropane
Concen: 5.05 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion: 75 Resp: 14780
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 4.75 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

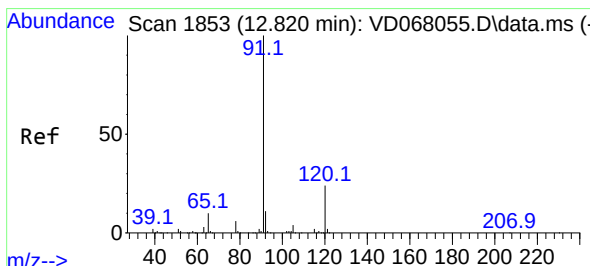
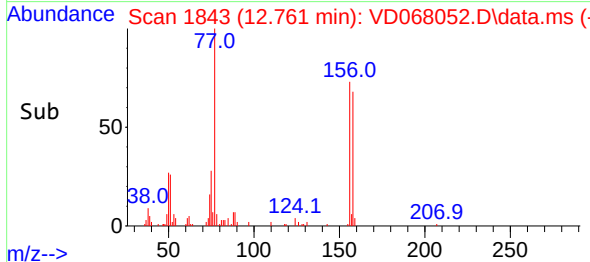
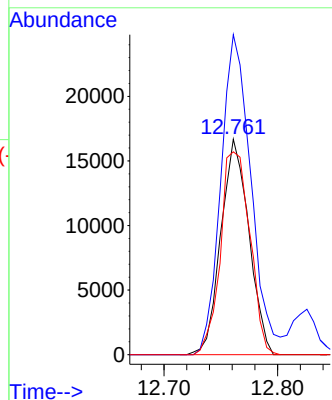
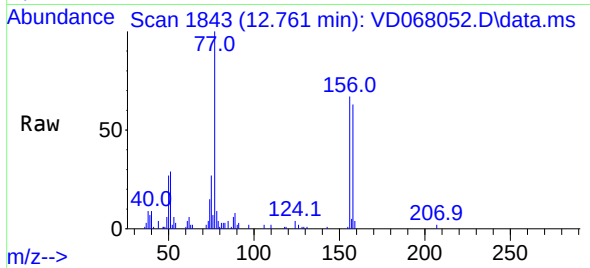
Tgt Ion: 156 Resp: 28645

Ion	Ratio	Lower	Upper
156	100		
77	159.0	82.8	248.3
158	99.0	48.0	144.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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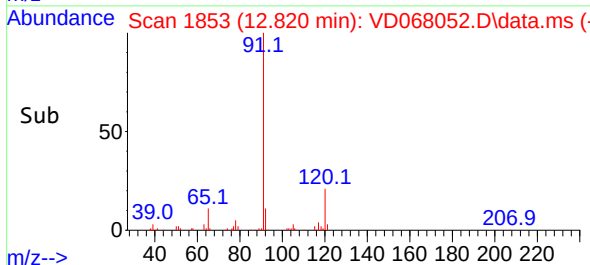
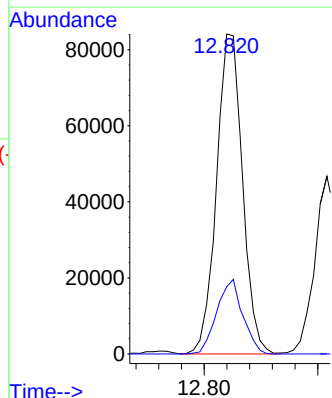
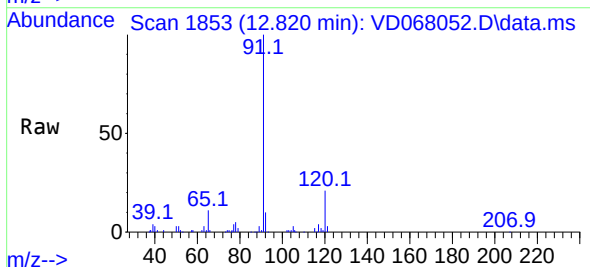
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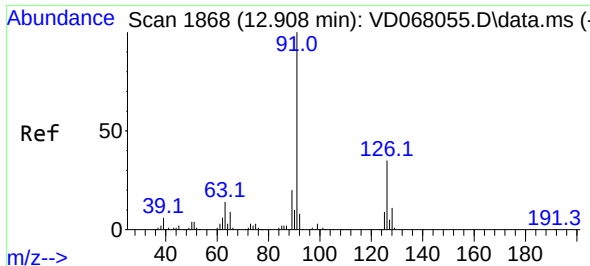


#78
n-propylbenzene
Concen: 4.14 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion: 91 Resp: 133633

Ion	Ratio	Lower	Upper
91	100		
120	23.2	12.0	36.0





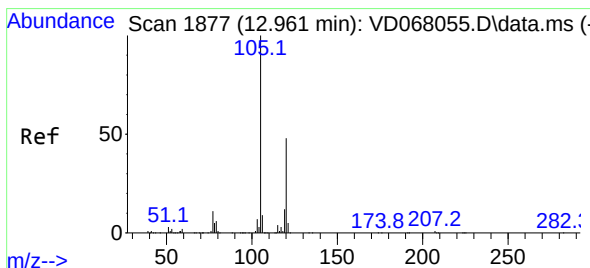
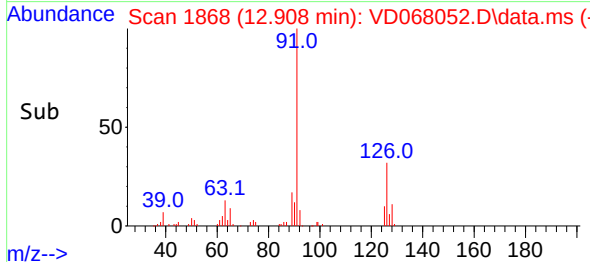
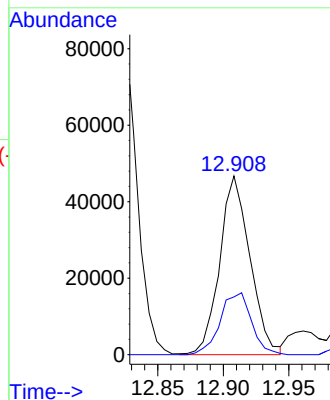
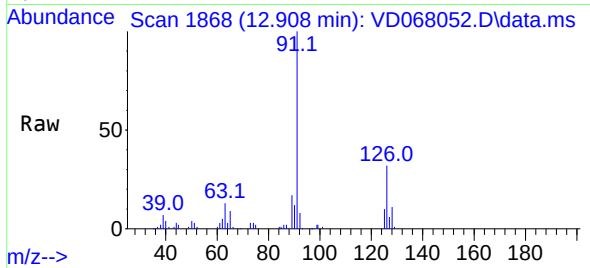
#79
2-Chlorotoluene
Concen: 4.13 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion: 91 Resp: 75164
Ion Ratio Lower Upper
91 100
126 35.8 17.8 53.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

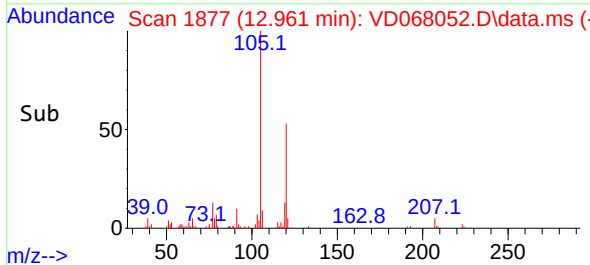
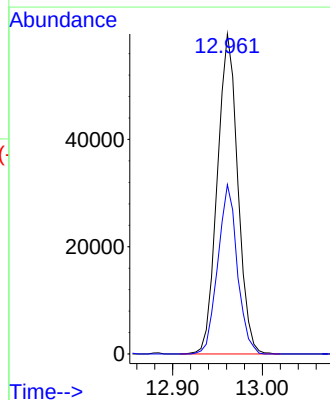
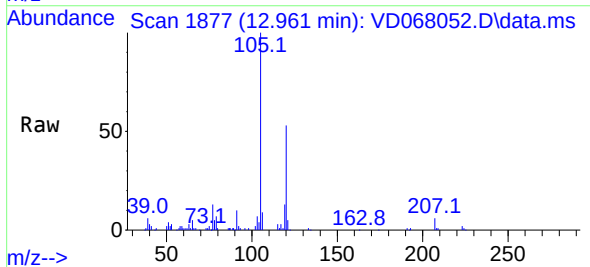
Manual Integrations
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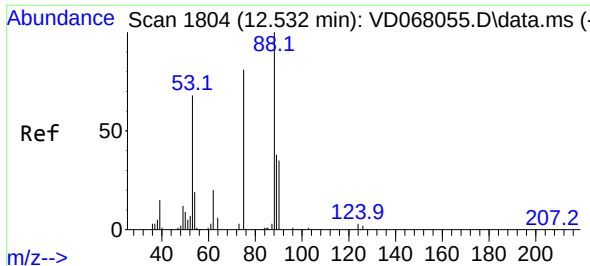
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#80
1,3,5-Trimethylbenzene
Concen: 4.32 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

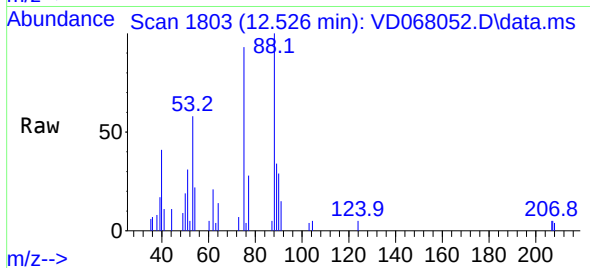
Tgt Ion: 105 Resp: 94512
Ion Ratio Lower Upper
105 100
120 50.3 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 4.04 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

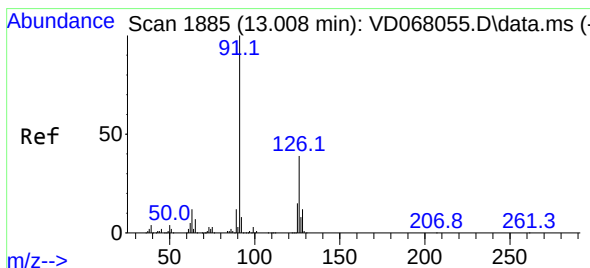
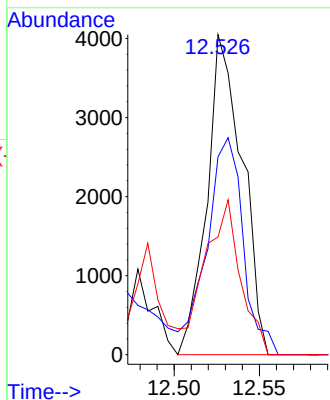
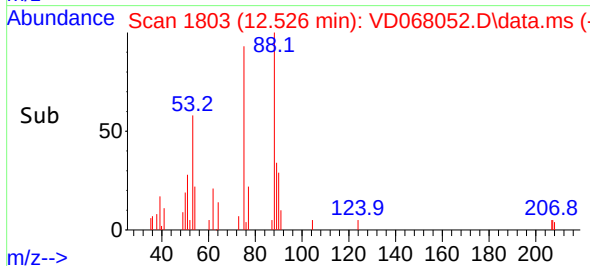
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



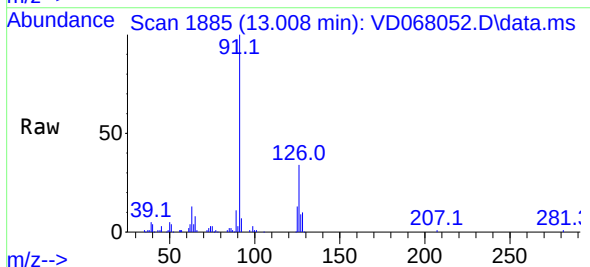
Tgt Ion: 75 Resp: 5809
Ion Ratio Lower Upper
75 100
53 69.8 70.2 105.2#
89 49.4 40.3 60.5

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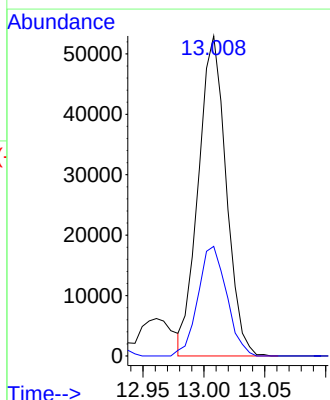
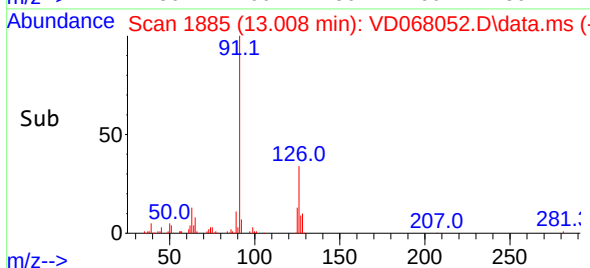
MMDadoda
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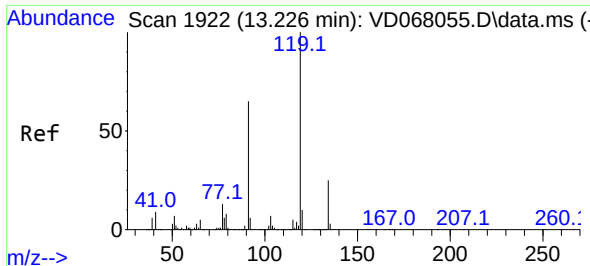


#82
4-Chlorotoluene
Concen: 4.39 ug/l
RT: 13.008 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

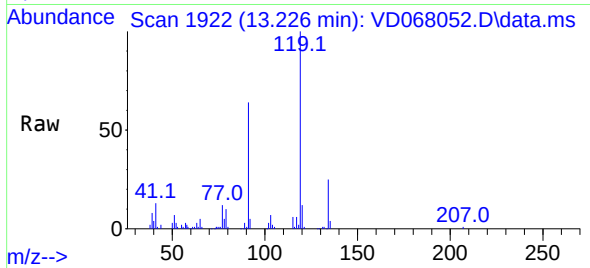


Tgt Ion: 91 Resp: 84202
Ion Ratio Lower Upper
91 100
126 35.3 17.7 53.1

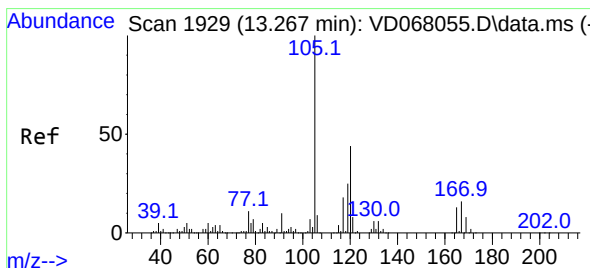
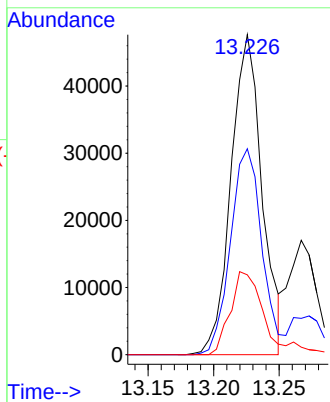
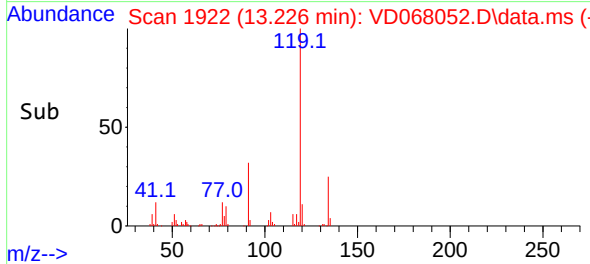




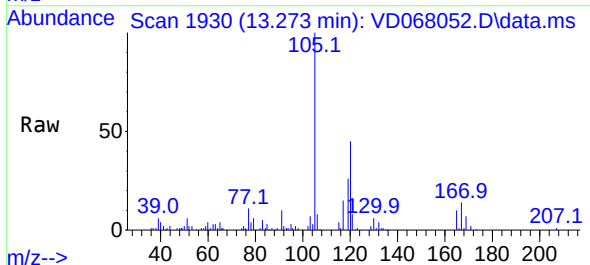
#83
tert-Butylbenzene
Concen: 4.34 ug/l
RT: 13.226 min Scan# 1922
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



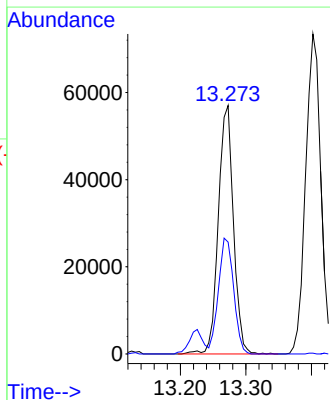
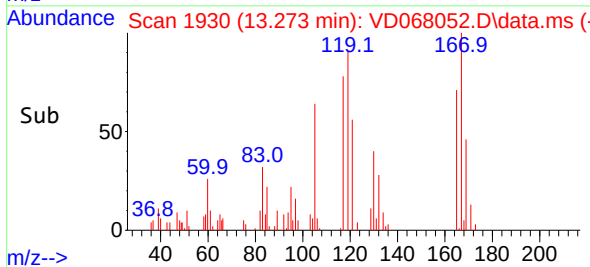
Tgt Ion:119 Resp: 78404
Ion Ratio Lower Upper
119 100
91 65.9 31.1 93.5
134 28.6 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 4.16 ug/l
RT: 13.273 min Scan# 1930
Delta R.T. 0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



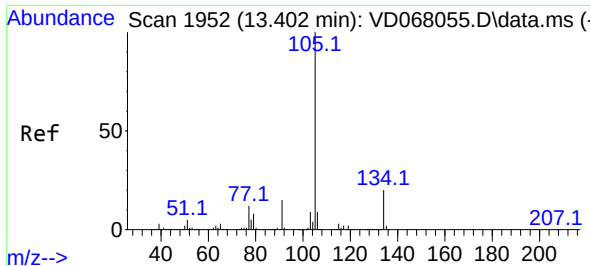
Tgt Ion:105 Resp: 90880
Ion Ratio Lower Upper
105 100
120 46.9 22.4 67.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

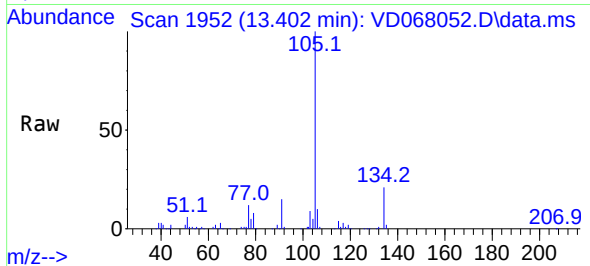
Manual Integrations
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#85
sec-Butylbenzene
Concen: 4.49 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

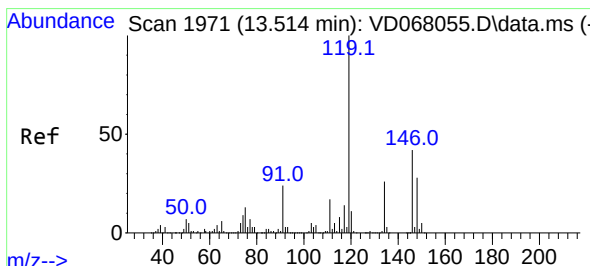
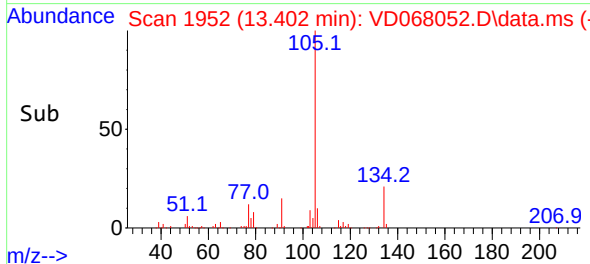
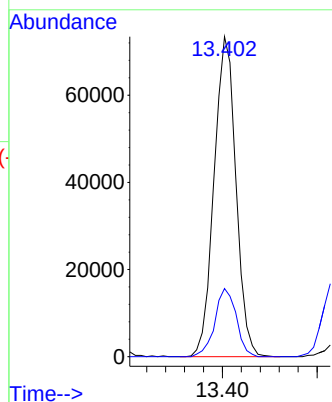
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion:105 Resp: 117886
Ion Ratio Lower Upper
105 100
134 20.9 10.3 30.9

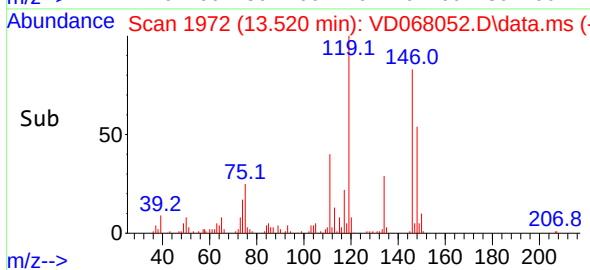
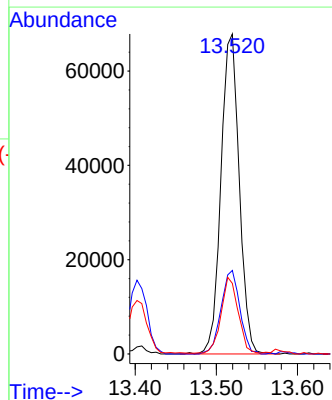
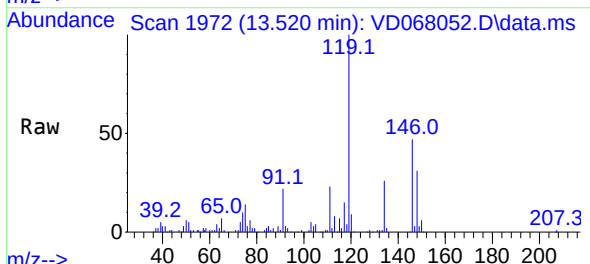
Manual Integrations
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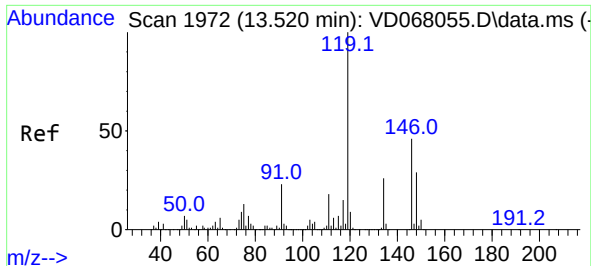
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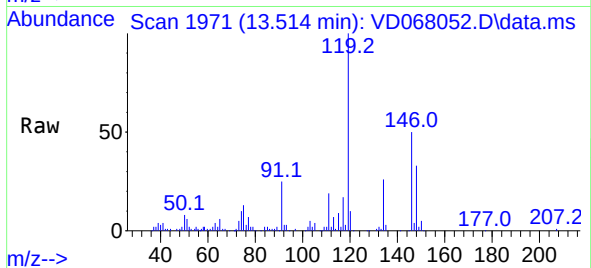
#86
p-Isopropyltoluene
Concen: 4.57 ug/l
RT: 13.520 min Scan# 1972
Delta R.T. 0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion:119 Resp: 106343
Ion Ratio Lower Upper
119 100
134 26.8 12.9 38.7
91 22.1 11.7 35.0

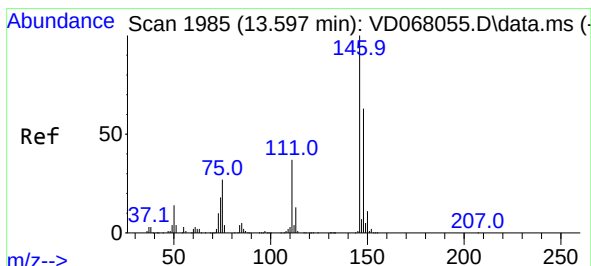
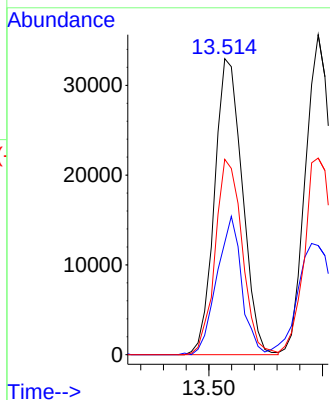
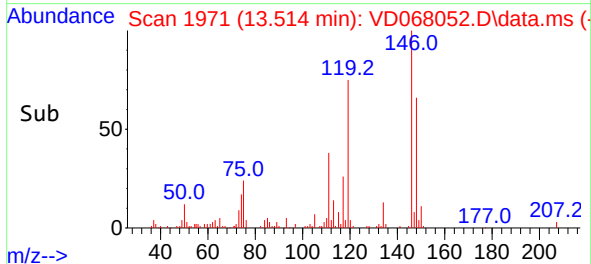




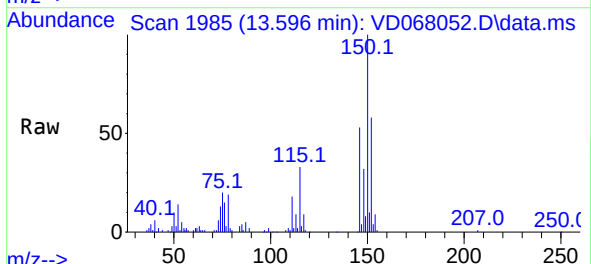
#87
1,3-Dichlorobenzene
Concen: 4.70 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



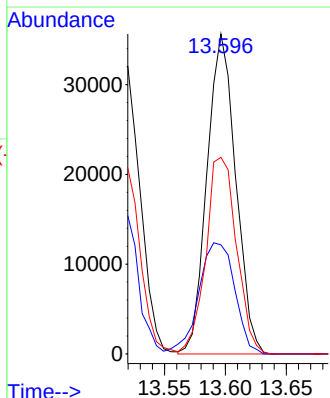
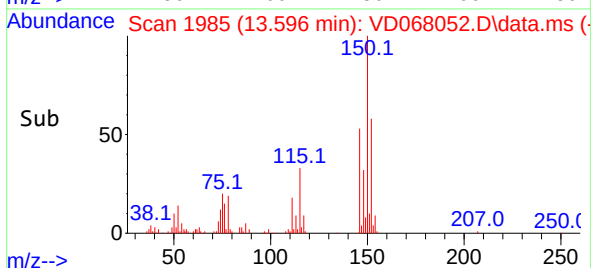
Tgt Ion:146 Resp: 56163
Ion Ratio Lower Upper
146 100
111 41.8 19.5 58.5
148 64.2 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 4.95 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



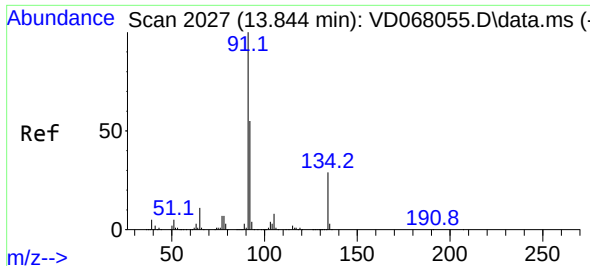
Tgt Ion:146 Resp: 58529
Ion Ratio Lower Upper
146 100
111 43.6 19.1 57.1
148 65.5 31.9 95.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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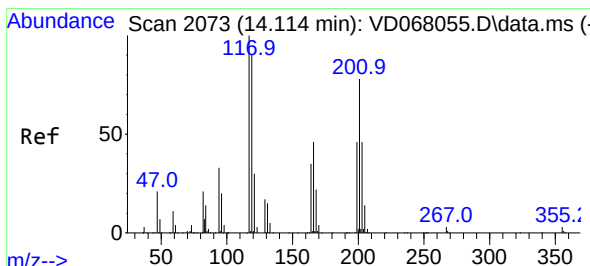
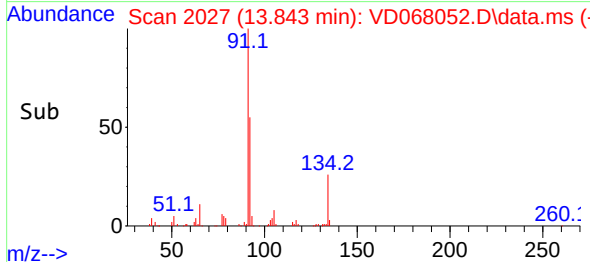
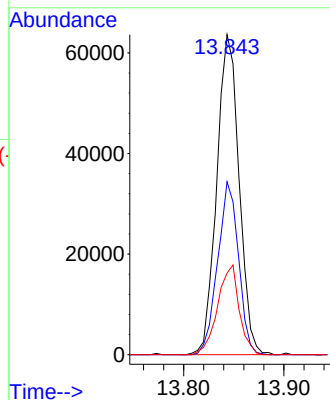
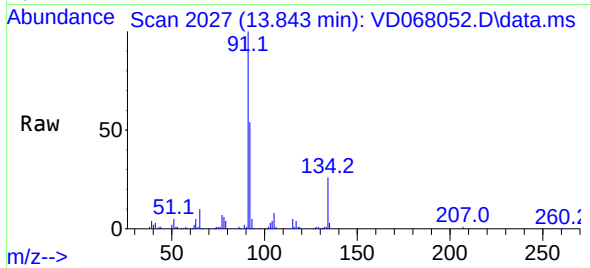
#89
n-Butylbenzene
Concen: 4.33 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion:	91	Resp:	98353
Ion	Ratio	Lower	Upper
91	100		
92	50.4	27.2	81.6
134	27.1	13.9	41.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

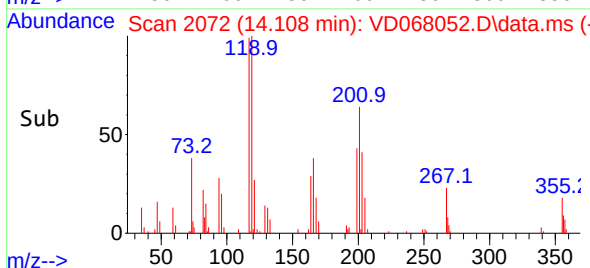
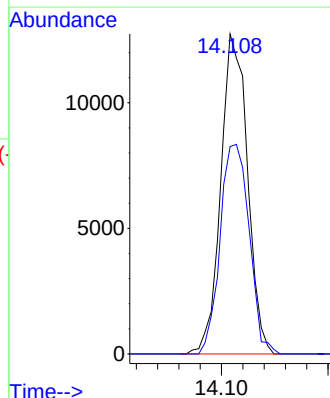
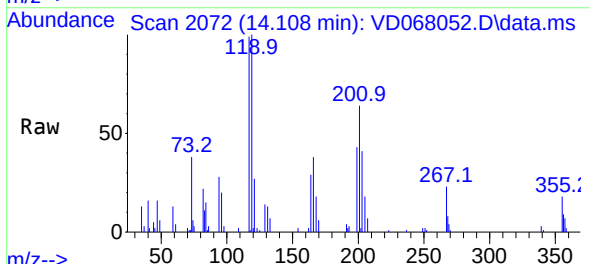
Manual Integrations
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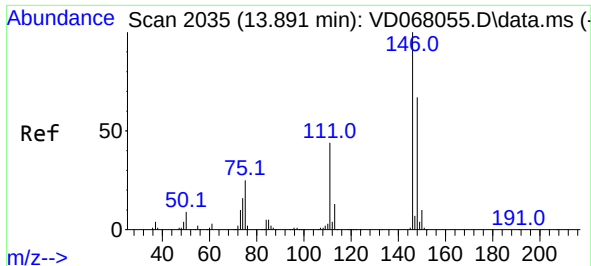
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1/13/2021 4:37:51 PM



#90
Hexachloroethane
Concen: 4.68 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

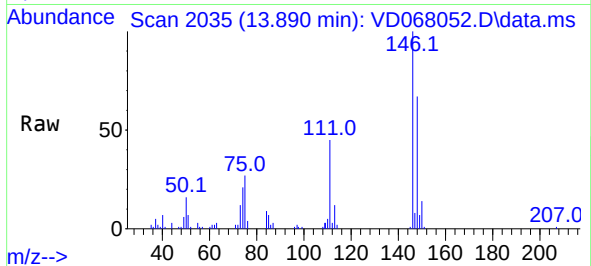
Tgt Ion:	117	Resp:	22127
Ion	Ratio	Lower	Upper
117	100		
201	71.2	39.5	118.5





#91
1,2-Dichlorobenzene
Concen: 4.72 ug/l
RT: 13.890 min Scan# 2035
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

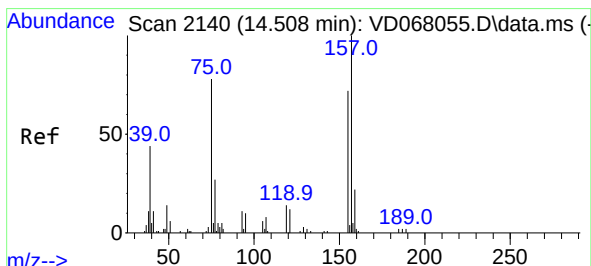
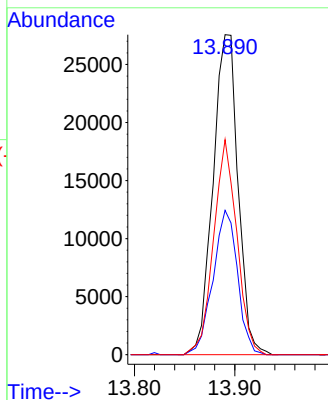
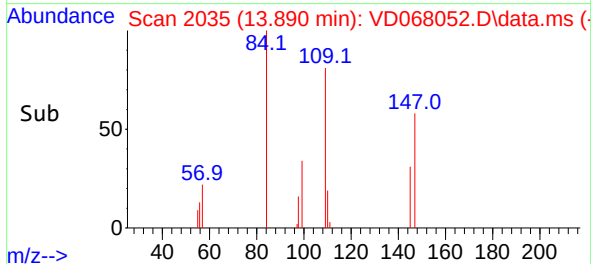
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



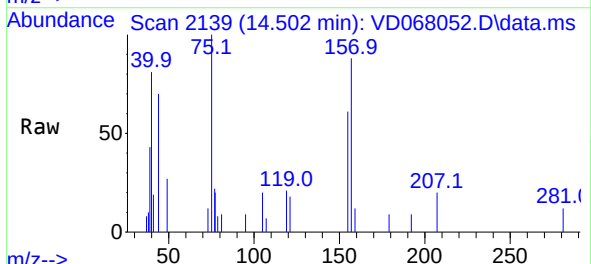
Tgt Ion:146 Resp: 47797
Ion Ratio Lower Upper
146 100
111 44.3 20.3 60.9
148 62.4 31.7 95.1

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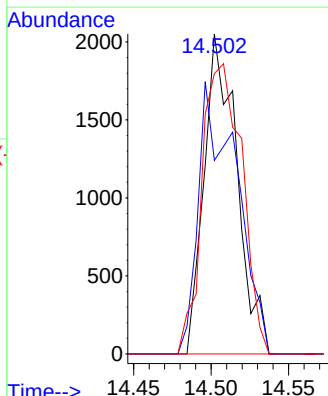
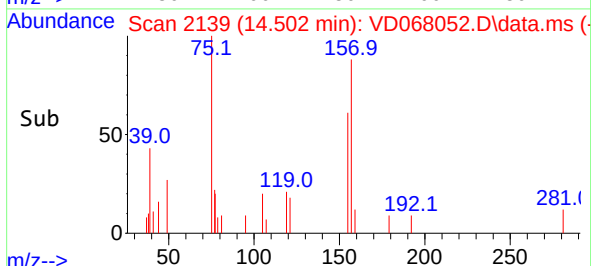
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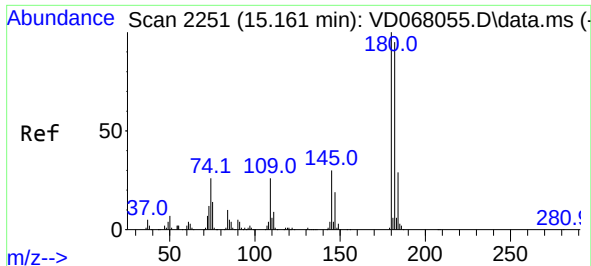


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.98 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. -0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



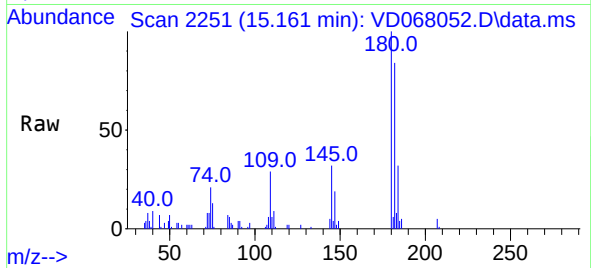
Tgt Ion: 75 Resp: 3012
Ion Ratio Lower Upper
75 100
155 99.2 48.0 144.2
157 110.3 65.0 194.8





#93
1,2,4-Trichlorobenzene
Concen: 4.83 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

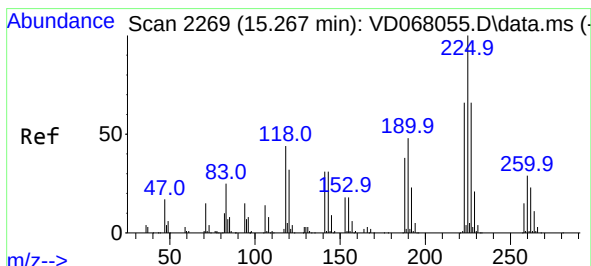
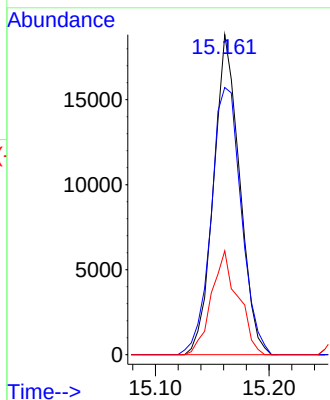
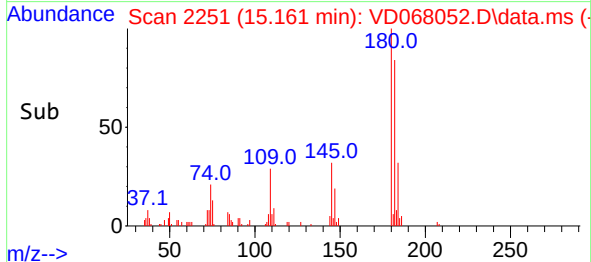
Instrument :
MSVOA_D
ClientSampled :
VSTDIC005



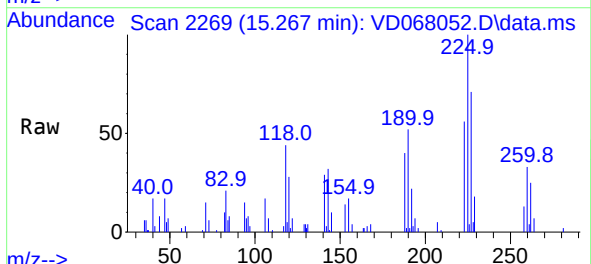
Tgt Ion:180 Resp: 29955
Ion Ratio Lower Upper
180 100
182 96.8 46.8 140.4
145 33.3 15.2 45.5

Manual Integrations
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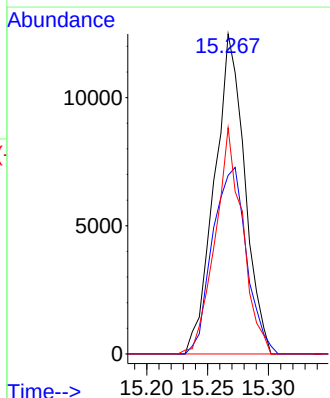
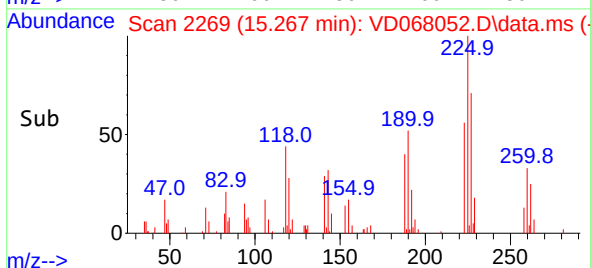
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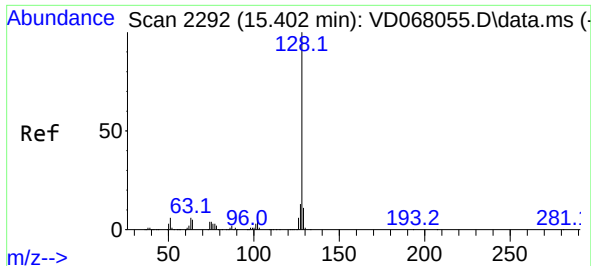


#94
Hexachlorobutadiene
Concen: 5.86 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43



Tgt Ion:225 Resp: 21593
Ion Ratio Lower Upper
225 100
223 65.7 31.9 95.5
227 64.0 32.1 96.5





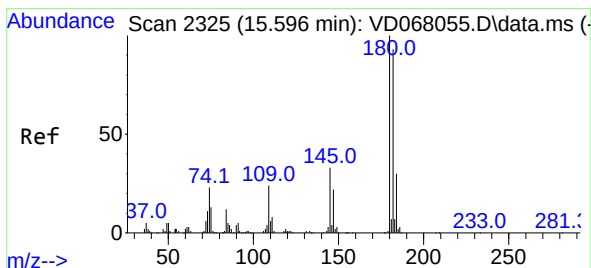
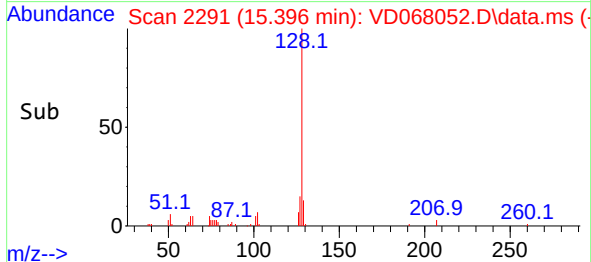
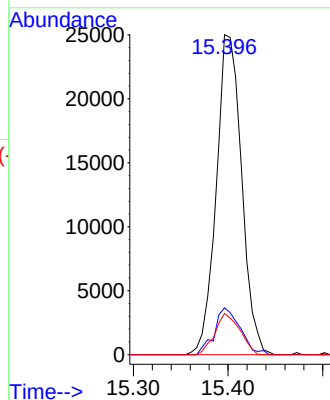
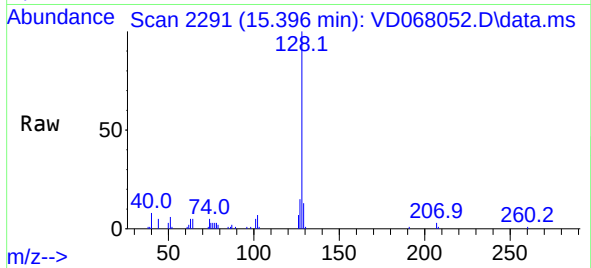
#95
Naphthalene
Concen: 4.30 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.006 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion:	128	Resp:	46571
Ion Ratio	Lower	Upper	
128	100		
127	14.9	10.2	15.2
129	12.7	8.8	13.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
1/13/2021 4:37:51 PM



#96
1,2,3-Trichlorobenzene
Concen: 5.02 ug/l
RT: 15.596 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VD068052.D
Acq: 12 Jan 2021 12:43

Tgt Ion:	180	Resp:	26818
Ion Ratio	Lower	Upper	
180	100		
182	90.4	48.3	144.8
145	33.1	16.7	50.1

