

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021221\
 Data File : VD068351.D
 Acq On : 12 Feb 2021 10:17
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Manual Integrations
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 2/15/2021 10:25:18 AM

Quant Time: Feb 12 13:01:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 12:57:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	467278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	796437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	707237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	313824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	22035	4.82	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	9.64%#		
35) Dibromofluoromethane	7.914	113	20859	4.63	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.26%#		
50) Toluene-d8	10.344	98	92276	5.05	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	10.10%#		
62) 4-Bromofluorobenzene	12.632	95	32735	5.12	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	10.24%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	25977	4.92	ug/l	93
3) Chloromethane	2.209	50	30897	5.34	ug/l	91
4) Vinyl Chloride	2.350	62	35346	5.47	ug/l	97
5) Bromomethane	2.768	94	26358	5.92	ug/l	94
6) Chloroethane	2.926	64	22313	5.59	ug/l	99
7) Trichlorofluoromethane	3.279	101	42615	5.05	ug/l	92
8) Diethyl Ether	3.715	74	11413	4.58	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	25383	5.14	ug/l	96
10) Methyl Iodide	4.297	142	19876	4.26	ug/l	92
11) Tert butyl alcohol	5.214	59	6247m	10.76	ug/l	
12) 1,1-Dichloroethene	4.073	96	25118	5.08	ug/l	88
13) Acrolein	3.920	56	6564	18.95	ug/l	96
14) Allyl chloride	4.714	41	31093	4.39	ug/l	96
15) Acrylonitrile	5.432	53	23184	23.38	ug/l	99
16) Acetone	4.150	43	19137	24.46	ug/l	97
17) Carbon Disulfide	4.409	76	80416	5.14	ug/l	99
18) Methyl Acetate	4.720	43	12492	6.14	ug/l #	88
19) Methyl tert-butyl Ether	5.473	73	50814	4.46	ug/l #	90
20) Methylene Chloride	4.967	84	38926	6.21	ug/l	92
21) trans-1,2-Dichloroethene	5.467	96	28801	5.06	ug/l	94
22) Diisopropyl ether	6.367	45	62707	4.33	ug/l #	92
23) Vinyl Acetate	6.303	43	143198	18.64	ug/l	99
24) 1,1-Dichloroethane	6.267	63	46640	4.92	ug/l	99
25) 2-Butanone	7.208	43	25280	21.69	ug/l	94
26) 2,2-Dichloropropane	7.214	77	40327	4.56	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	31963	5.15	ug/l	96
28) Bromochloromethane	7.550	49	17193	5.06	ug/l #	79
29) Tetrahydrofuran	7.561	42	16778	22.32	ug/l	93
30) Chloroform	7.708	83	47532	4.94	ug/l	99
31) Cyclohexane	7.985	56	51411	5.56	ug/l #	89
32) 1,1,1-Trichloroethane	7.908	97	42000	4.88	ug/l #	93
36) 1,1-Dichloropropene	8.108	75	40835	5.25	ug/l	95
37) Ethyl Acetate	7.291	43	11480	4.18	ug/l #	72
38) Carbon Tetrachloride	8.097	117	37172	5.09	ug/l #	94
39) Methylcyclohexane	9.355	83	50445	5.02	ug/l	92
40) Benzene	8.350	78	107836	4.94	ug/l	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	6760	4.11	ug/l	98
42) 1,2-Dichloroethane	8.426	62	27071	4.64	ug/l	100
43) Isopropyl Acetate	8.455	43	21541	3.80	ug/l	97
44) Trichloroethene	9.108	130	29564	4.94	ug/l	96
45) 1,2-Dichloropropane	9.385	63	25768	4.83	ug/l	97
46) Dibromomethane	9.479	93	14233	5.23	ug/l	90
47) Bromodichloromethane	9.661	83	34769	4.74	ug/l	98
48) Methyl methacrylate	9.455	41	11508	4.14	ug/l	90
49) 1,4-Dioxane	9.455	88	3177	98.74	ug/l #	93
51) 4-Methyl-2-Pentanone	10.226	43	54849	20.59	ug/l	94
52) Toluene	10.402	92	67909	4.79	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	32029	4.36	ug/l	96
54) cis-1,3-Dichloropropene	10.091	75	38874	4.44	ug/l #	94
55) 1,1,2-Trichloroethane	10.797	97	18655	4.83	ug/l	95
56) Ethyl methacrylate	10.655	69	20300	3.99	ug/l	93
57) 1,3-Dichloropropane	10.944	76	32561	4.79	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.944	63	60851	25.08	ug/l	94
59) 2-Hexanone	10.985	43	36302	19.69	ug/l	97
60) Dibromochloromethane	11.138	129	23368	4.83	ug/l	97
61) 1,2-Dibromoethane	11.244	107	17658	4.65	ug/l	98
64) Tetrachloroethene	10.873	164	25655	5.31	ug/l	94
65) Chlorobenzene	11.673	112	74431	5.09	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.744	131	24346	4.74	ug/l	96
67) Ethyl Benzene	11.744	91	129097	4.78	ug/l	98
68) m/p-Xylenes	11.855	106	98423	9.66	ug/l	98
69) o-Xylene	12.179	106	42159	4.45	ug/l	98
70) Styrene	12.196	104	76031	4.71	ug/l	98
71) Bromoform	12.355	173	12611	4.82	ug/l #	96
73) Isopropylbenzene	12.479	105	120079	4.72	ug/l	98
74) N-amyl acetate	12.285	43	18340	3.53	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	20720	5.08	ug/l	99
76) 1,2,3-Trichloropropane	12.785	75	17861m	6.08	ug/l	
77) Bromobenzene	12.761	156	28426	5.21	ug/l	94
78) n-propylbenzene	12.820	91	146351	4.86	ug/l	97
79) 2-Chlorotoluene	12.908	91	82469	4.88	ug/l	93
80) 1,3,5-Trimethylbenzene	12.961	105	97040	4.59	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.532	75	5541	3.84	ug/l	87
82) 4-Chlorotoluene	13.002	91	85370	4.86	ug/l	98
83) tert-Butylbenzene	13.220	119	84867	4.73	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	95841	4.56	ug/l	99
85) sec-Butylbenzene	13.402	105	120100	4.76	ug/l	98
86) p-Isopropyltoluene	13.514	119	104581	4.57	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	53865	5.11	ug/l	100
88) 1,4-Dichlorobenzene	13.590	146	54529	5.26	ug/l	95
89) n-Butylbenzene	13.843	91	104518	4.76	ug/l	96
90) Hexachloroethane	14.108	117	18857	4.59	ug/l	94
91) 1,2-Dichlorobenzene	13.885	146	45768	5.07	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.508	75	3256	4.92	ug/l	69
93) 1,2,4-Trichlorobenzene	15.161	180	28401	4.61	ug/l	97
94) Hexachlorobutadiene	15.267	225	16925	4.95	ug/l	96
95) Naphthalene	15.402	128	50693	4.38	ug/l	98
96) 1,2,3-Trichlorobenzene	15.590	180	26235	5.03	ug/l	96

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Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

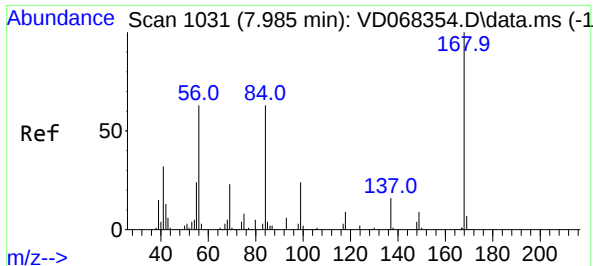
Manual Integrations
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Response via : Initial Calibration

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



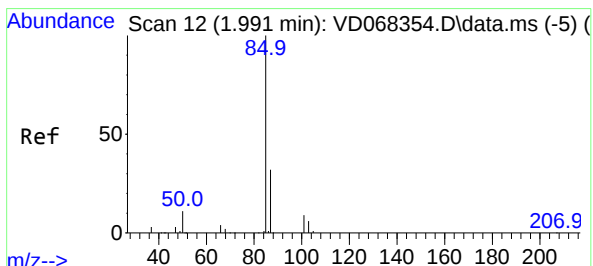
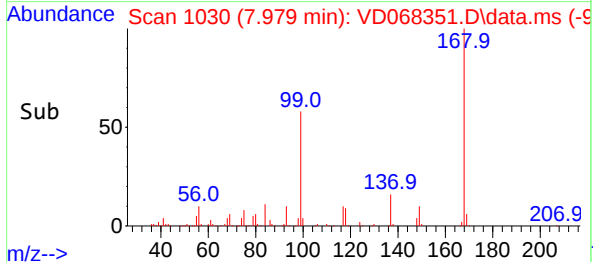
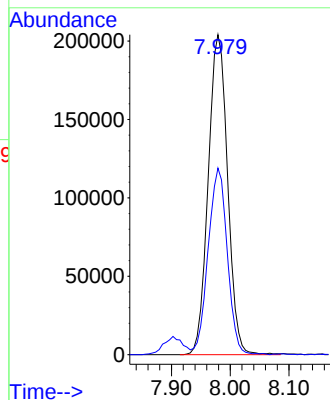
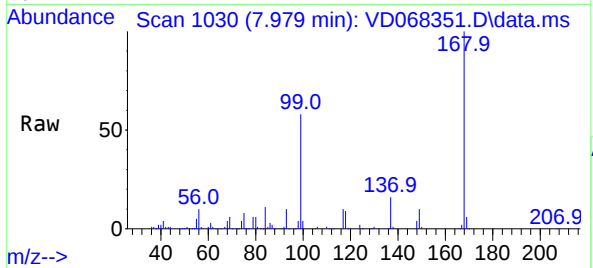
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Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 168 Resp: 467278
Ion Ratio Lower Upper
168 100
99 58.1 43.5 65.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

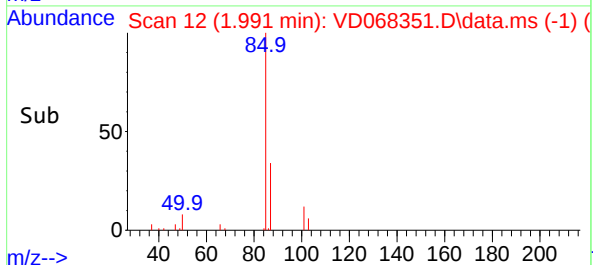
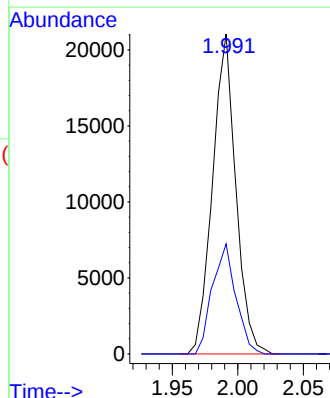
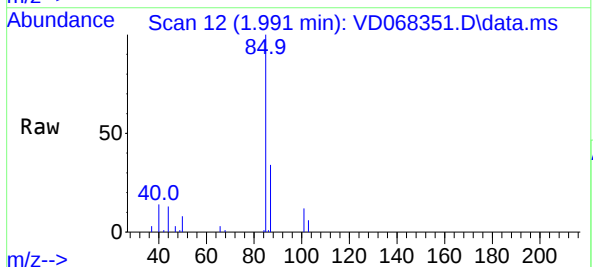
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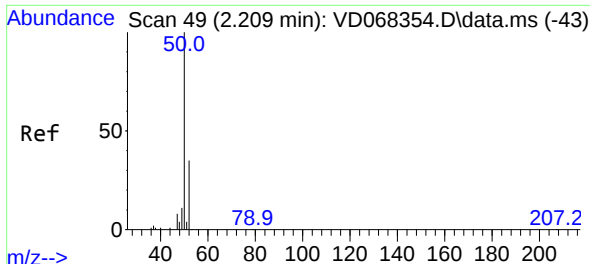
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#2
Dichlorodifluoromethane
Concen: 4.92 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 85 Resp: 25977
Ion Ratio Lower Upper
85 100
87 34.4 15.4 46.1





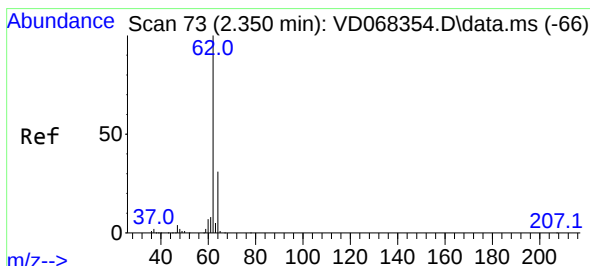
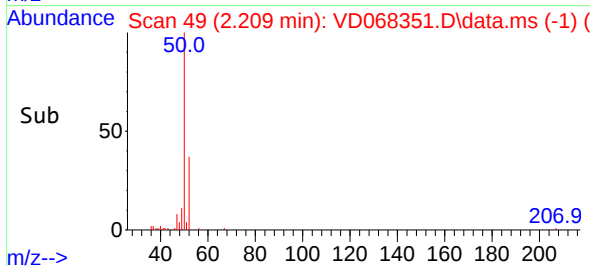
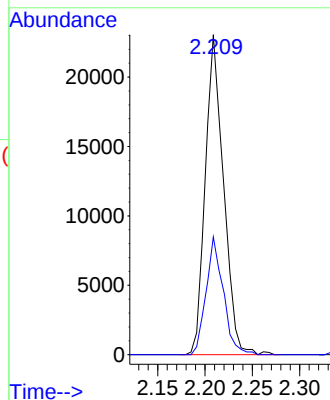
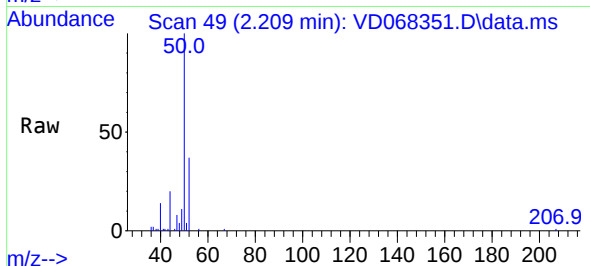
#3
Chloromethane
Concen: 5.34 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 50 Resp: 30897
Ion Ratio Lower Upper
50 100
52 36.8 25.4 38.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

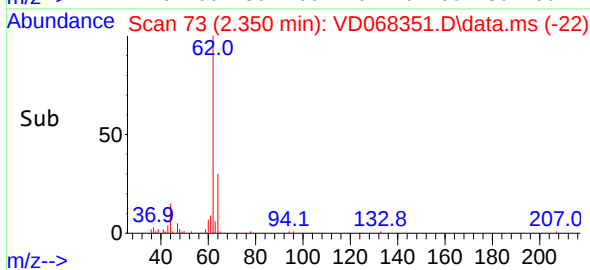
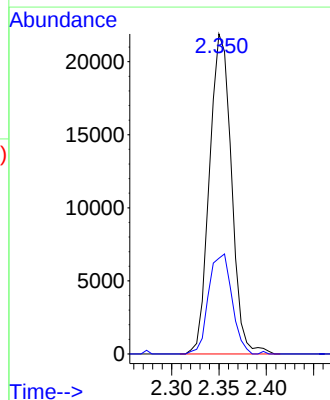
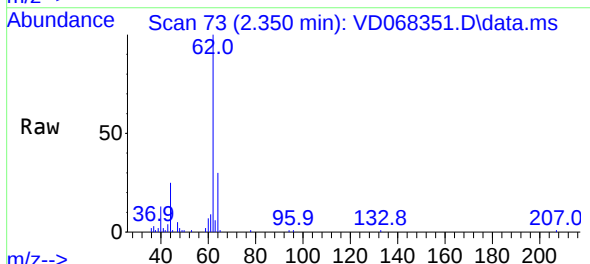
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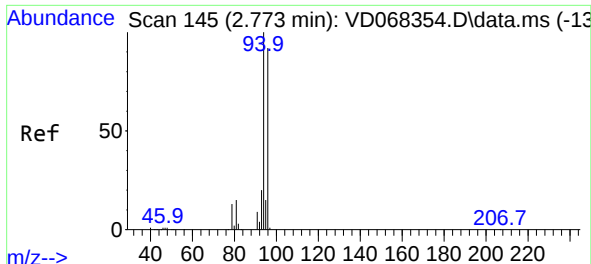
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#4
Vinyl Chloride
Concen: 5.47 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 62 Resp: 35346
Ion Ratio Lower Upper
62 100
64 29.9 25.4 38.2





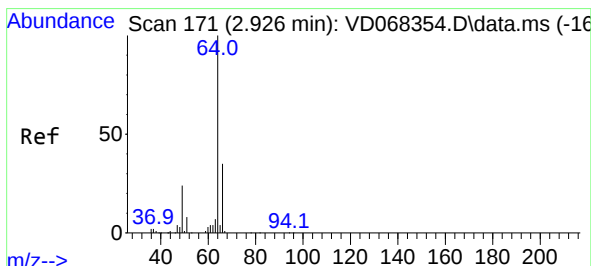
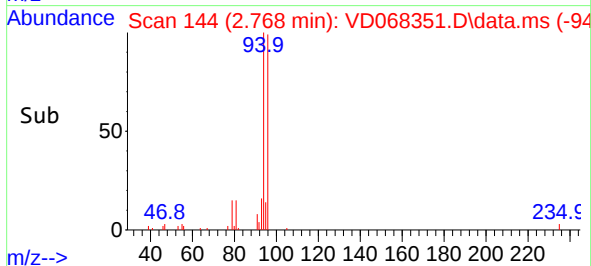
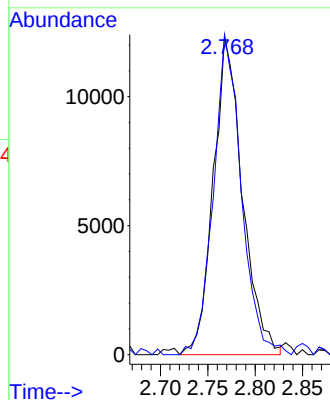
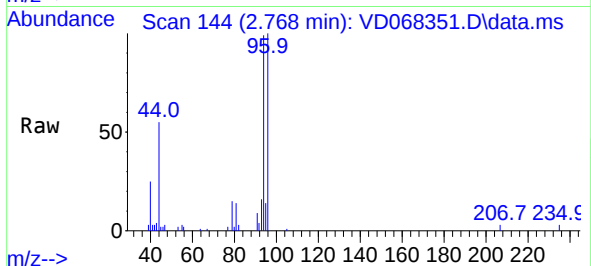
#5
Bromomethane
Concen: 5.92 ug/l
RT: 2.768 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 94 Resp: 26358
Ion Ratio Lower Upper
94 100
96 100.5 75.8 113.8

Instrument :
MSVOA_D
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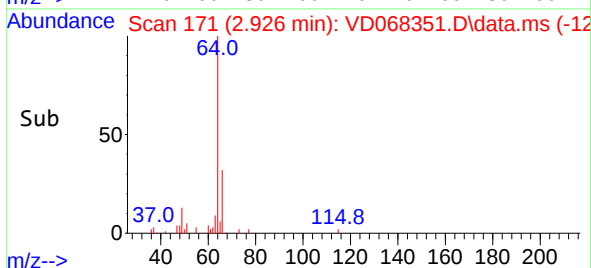
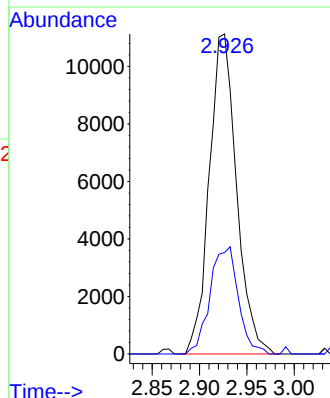
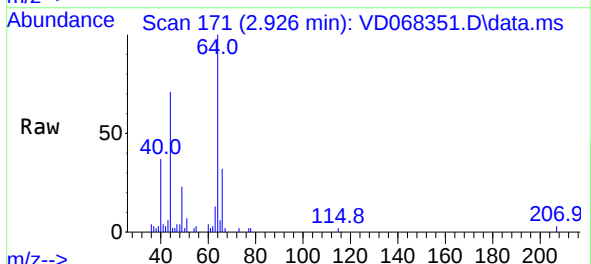
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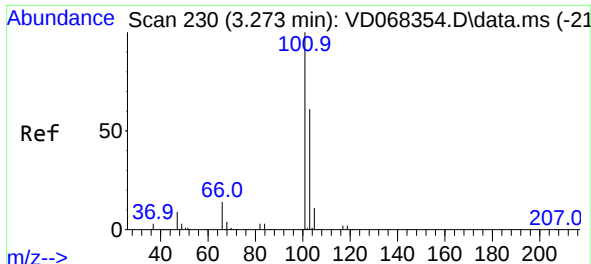
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#6
Chloroethane
Concen: 5.59 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 64 Resp: 22313
Ion Ratio Lower Upper
64 100
66 31.7 25.1 37.7





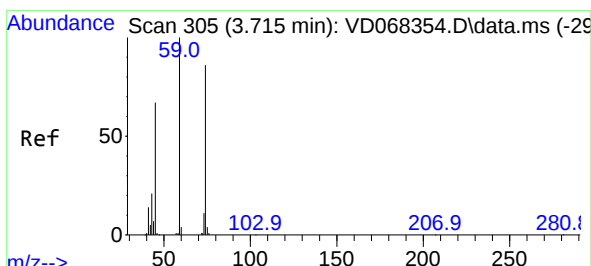
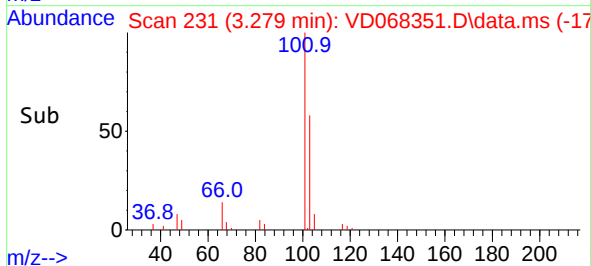
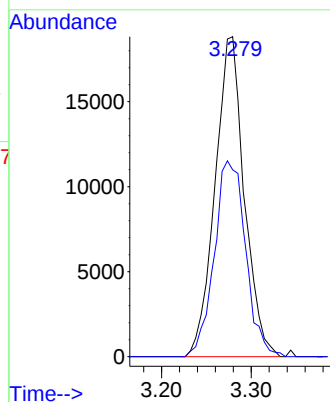
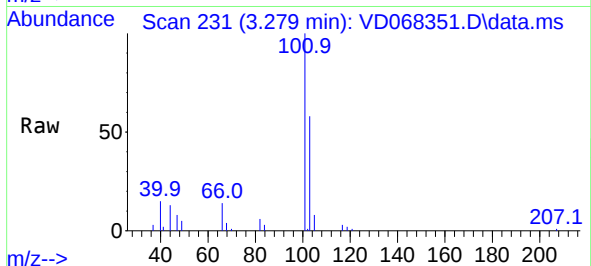
#7
Trichlorofluoromethane
Concen: 5.05 ug/l
RT: 3.279 min Scan# 231
Delta R.T. 0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 42615
Ion Ratio Lower Upper
101 100
103 58.4 52.0 78.0

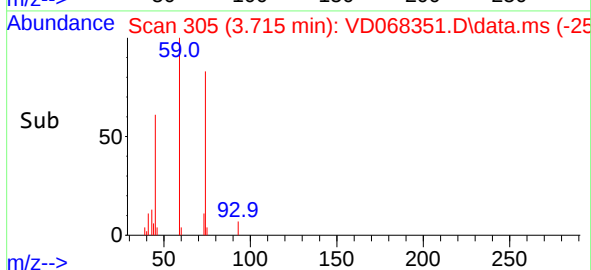
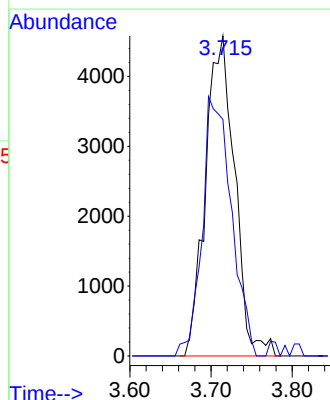
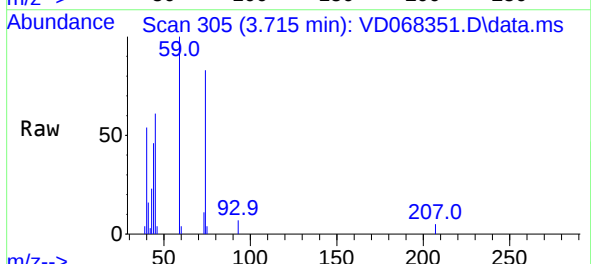
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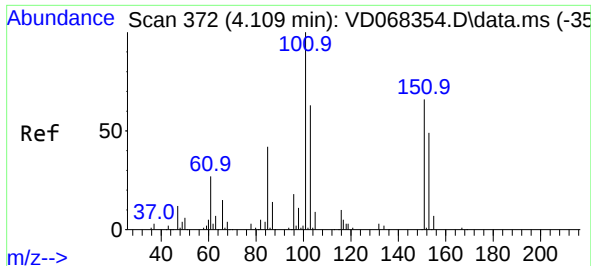
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#8
Diethyl Ether
Concen: 4.58 ug/l
RT: 3.715 min Scan# 305
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 74 Resp: 11413
Ion Ratio Lower Upper
74 100
45 81.1 42.1 126.4





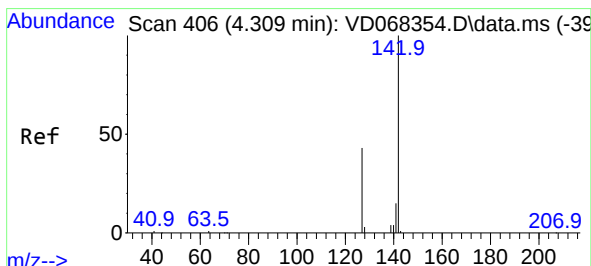
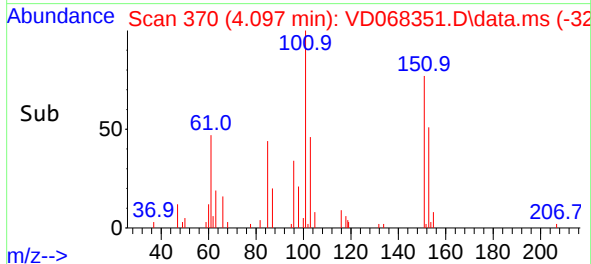
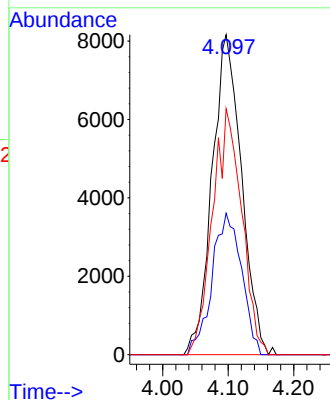
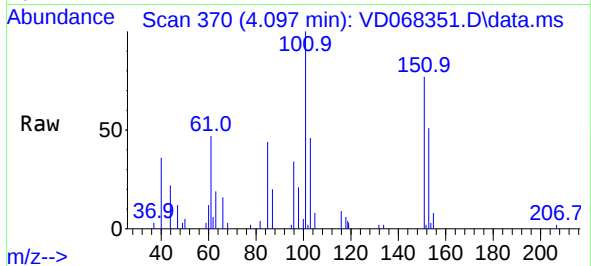
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1,1,2-Trichlorotrifluoroethane
Concen: 5.14 ug/l
RT: 4.097 min Scan# 370
Delta R.T. -0.012 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion:	101	Resp:	25383
Ion	Ratio	Lower	Upper
101	100		
85	44.4	34.0	51.0
151	76.3	64.1	96.1

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MSVOA_D
ClientSampleId :
VSTDIC005

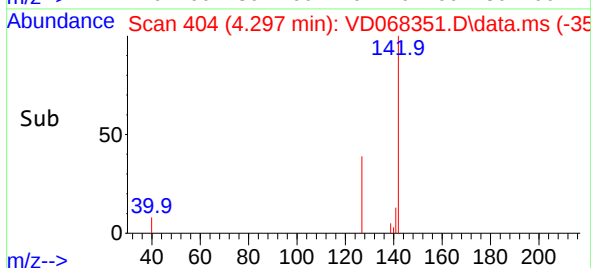
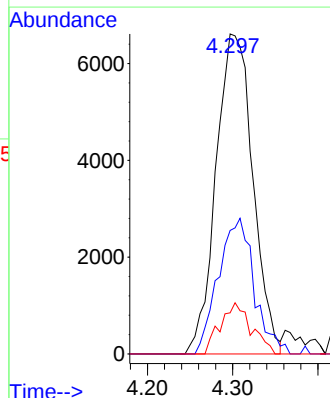
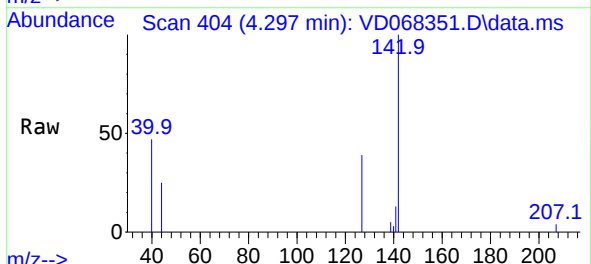
Manual Integrations
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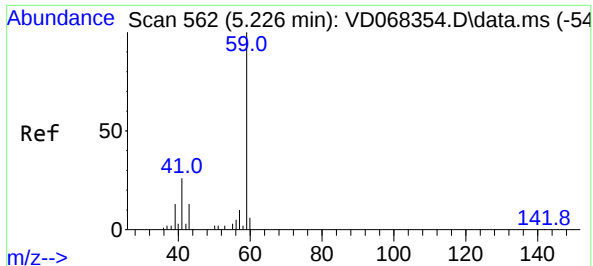
MMDadoda
2/15/2021 10:25:18 AM



#10
Methyl Iodide
Concen: 4.26 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.012 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

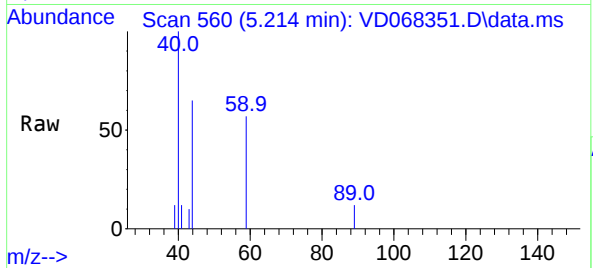
Tgt Ion:	142	Resp:	19876
Ion	Ratio	Lower	Upper
142	100		
127	41.1	37.9	56.9
141	13.4	11.5	17.3





#11
Tert butyl alcohol
Concen: 10.76 ug/l m
RT: 5.214 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

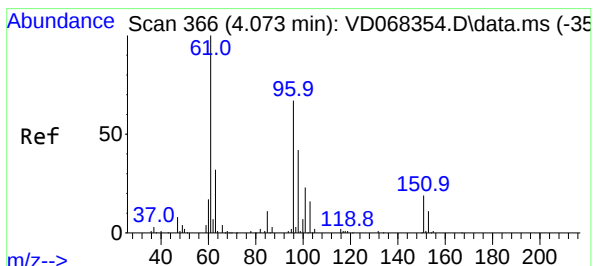
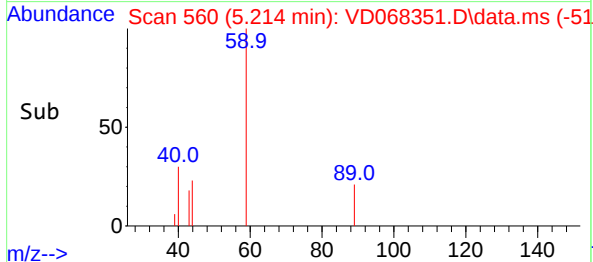
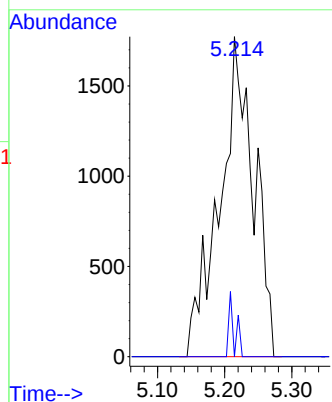
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 59 Resp: 6247
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

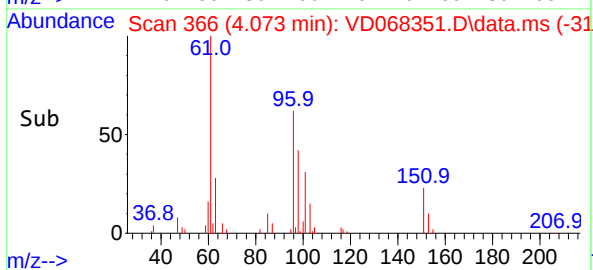
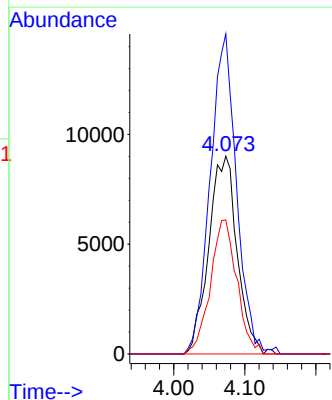
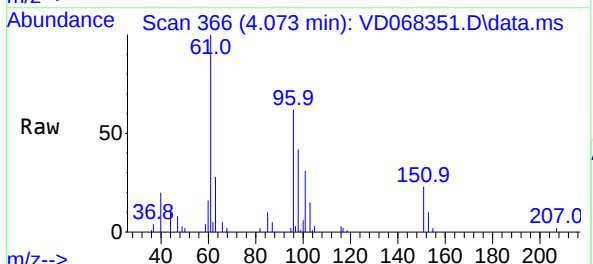
Manual Integrations
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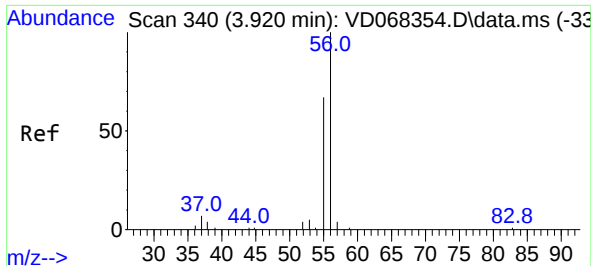
MMDadoda
2/15/2021 10:25:18 AM



#12
1,1-Dichloroethene
Concen: 5.08 ug/l
RT: 4.073 min Scan# 366
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

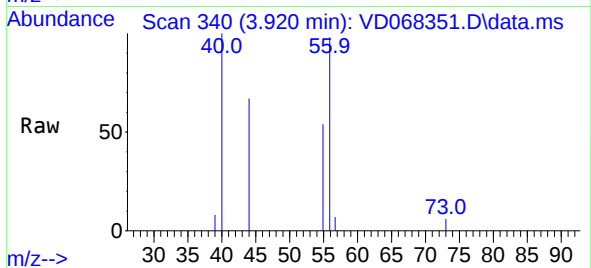
Tgt Ion: 96 Resp: 25118
Ion Ratio Lower Upper
96 100
61 161.8 116.2 174.4
98 67.8 48.6 73.0



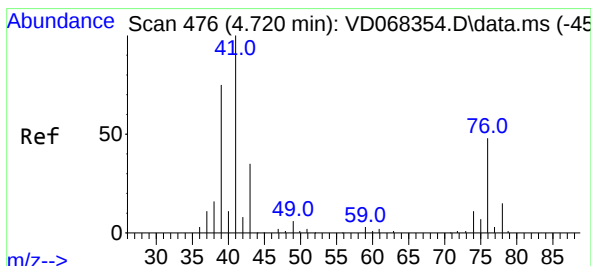
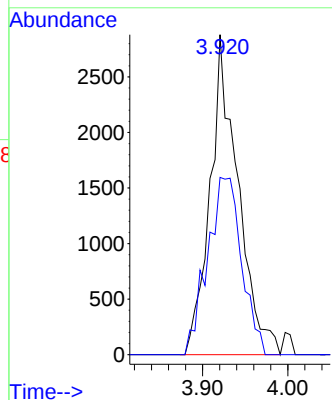
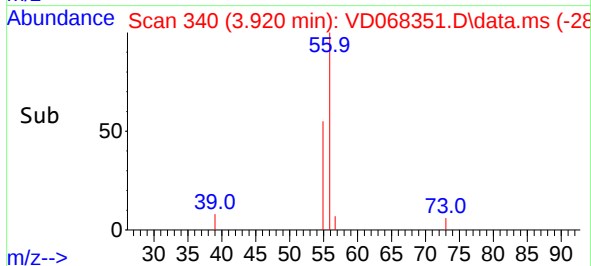


#13
Acrolein
Concen: 18.95 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

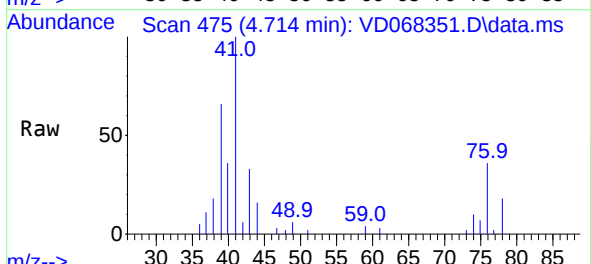
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



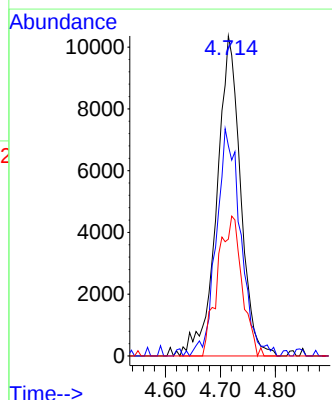
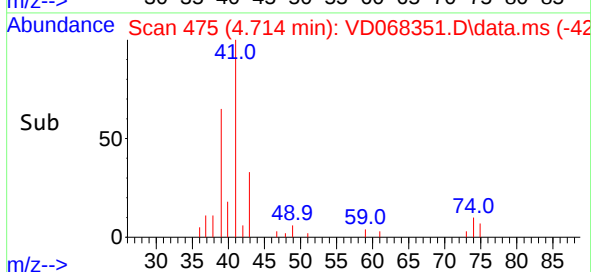
Tgt Ion: 56 Resp: 6564
Ion Ratio Lower Upper
56 100
55 67.6 56.5 84.7

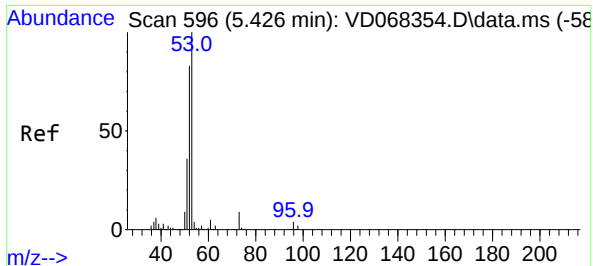


#14
Allyl chloride
Concen: 4.39 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17



Tgt Ion: 41 Resp: 31093
Ion Ratio Lower Upper
41 100
39 72.8 56.3 84.5
76 44.5 38.9 58.3





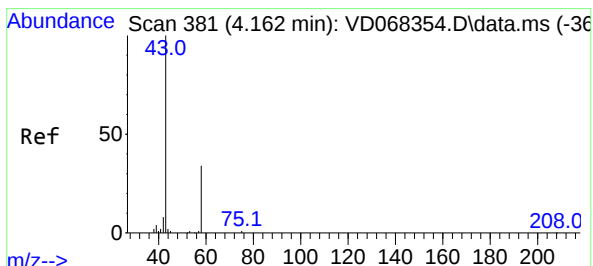
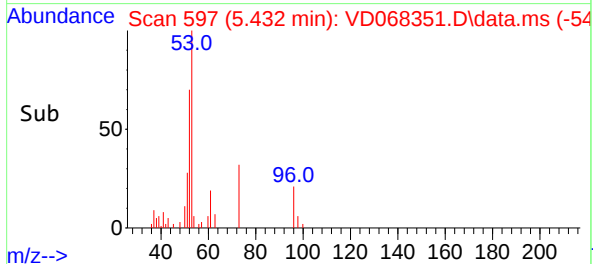
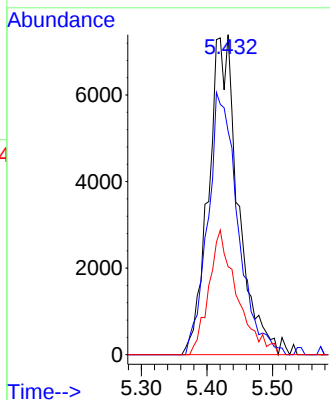
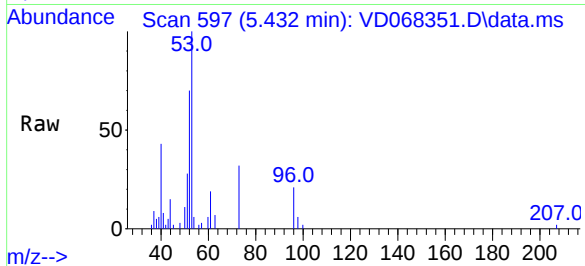
#15
Acrylonitrile
Concen: 23.38 ug/l
RT: 5.432 min Scan# 597
Delta R.T. 0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion:	53	Resp:	23184
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.2	99.2
51	37.4	29.0	43.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

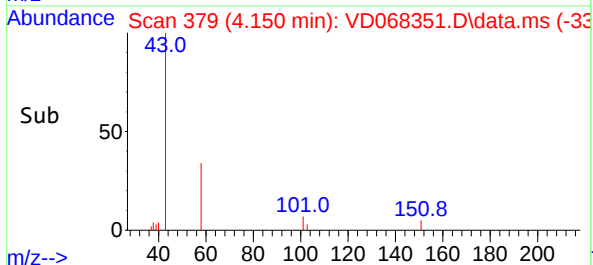
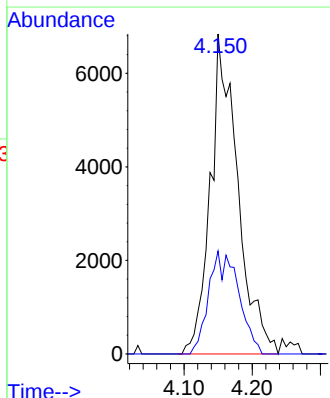
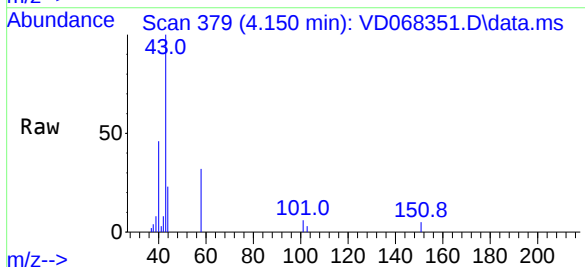
Manual Integrations
APPROVED

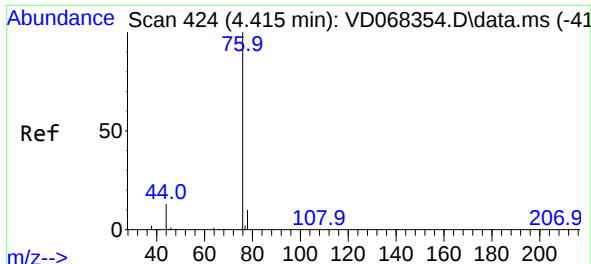
MMDadoda
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#16
Acetone
Concen: 24.46 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.012 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion:	43	Resp:	19137
Ion	Ratio	Lower	Upper
43	100		
58	32.2	24.2	36.4





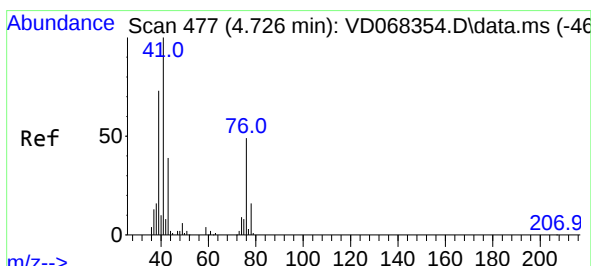
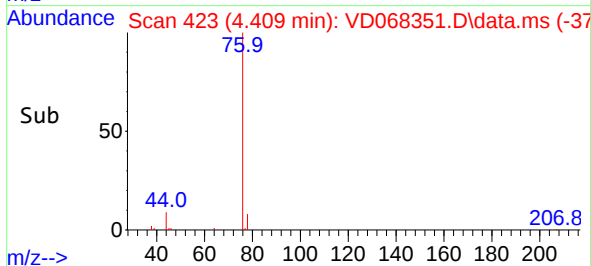
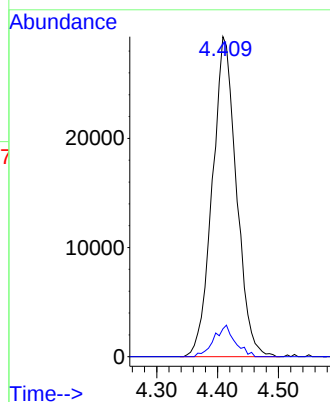
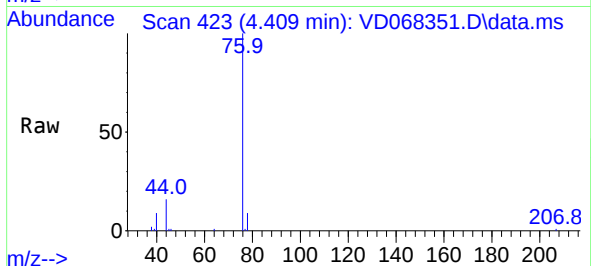
#17
Carbon Disulfide
Concen: 5.14 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 76 Resp: 80416
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

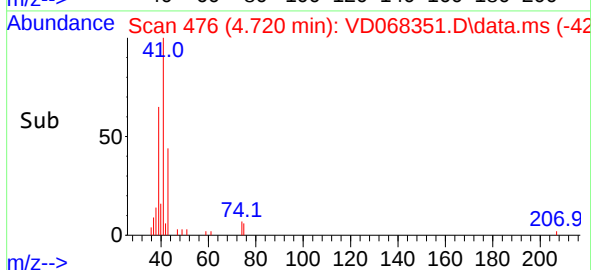
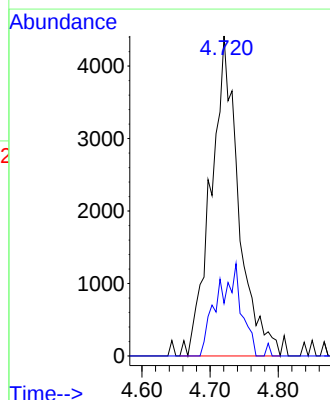
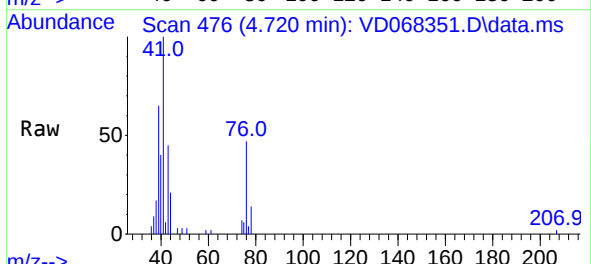
Manual Integrations
APPROVED

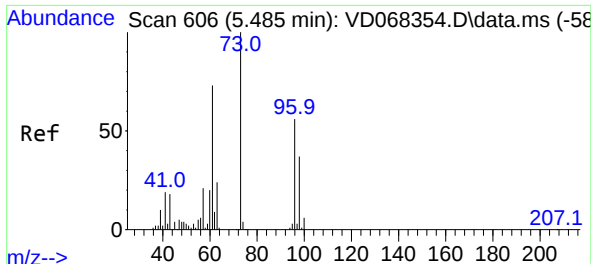
MMDadoda
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#18
Methyl Acetate
Concen: 6.14 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 43 Resp: 12492
Ion Ratio Lower Upper
43 100
74 25.0 25.4 38.0#





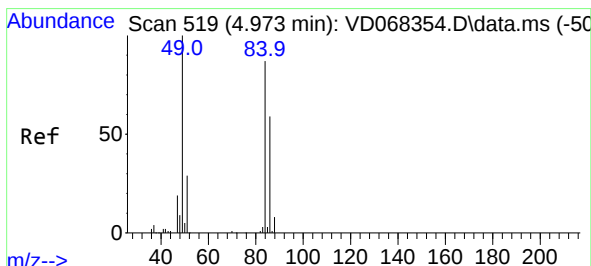
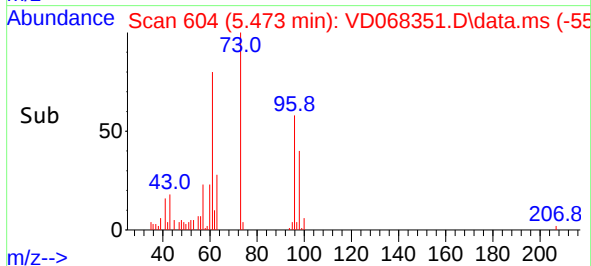
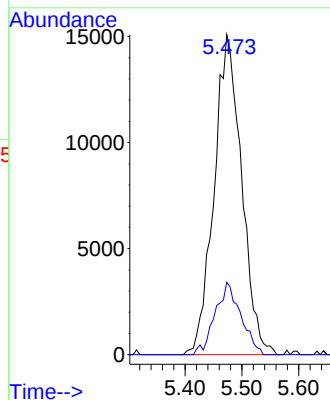
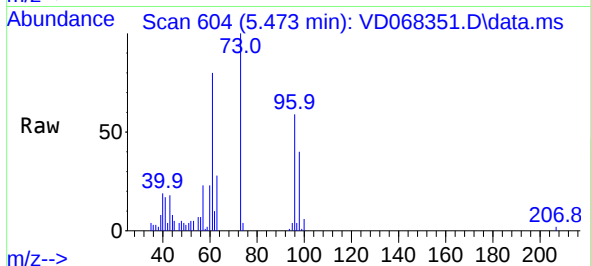
#19
Methyl tert-butyl Ether
Concen: 4.46 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.012 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 50814
Ion Ratio Lower Upper
73 100
57 22.6 14.4 21.6#

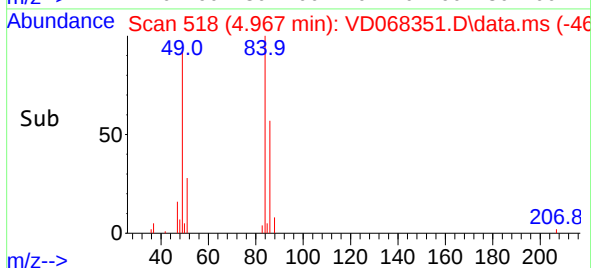
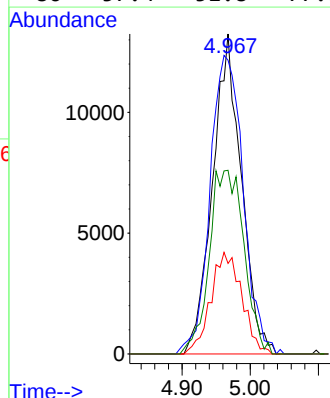
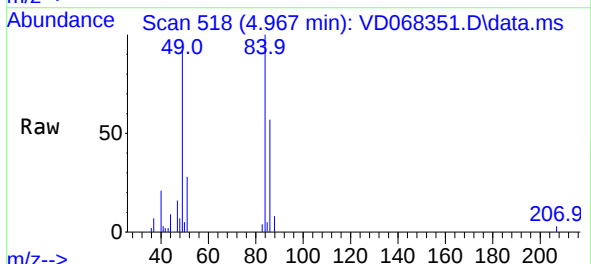
Manual Integrations
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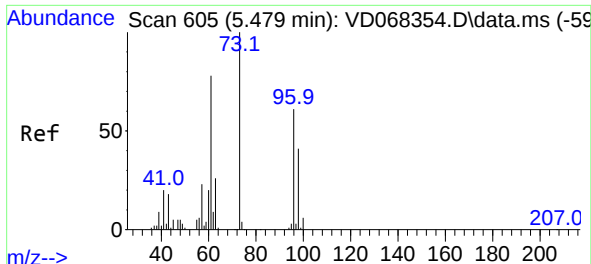
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#20
Methylene Chloride
Concen: 6.21 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

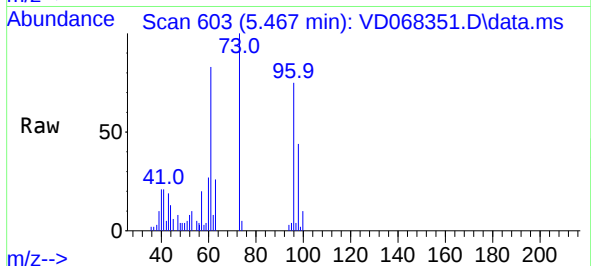
Tgt Ion: 84 Resp: 38926
Ion Ratio Lower Upper
84 100
49 90.4 77.4 116.2
51 28.3 26.1 39.1
86 57.4 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 5.06 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.012 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

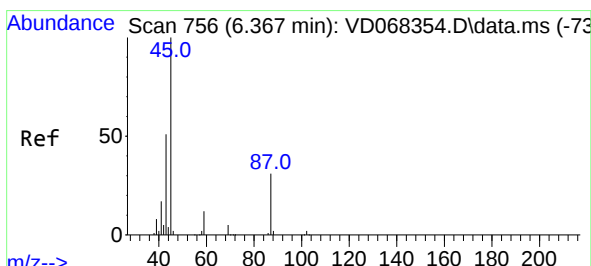
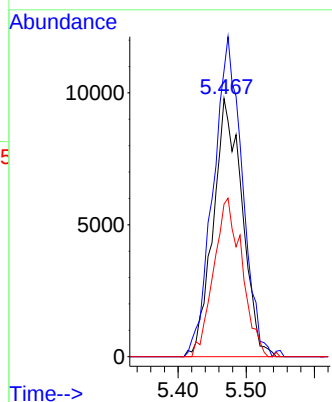
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



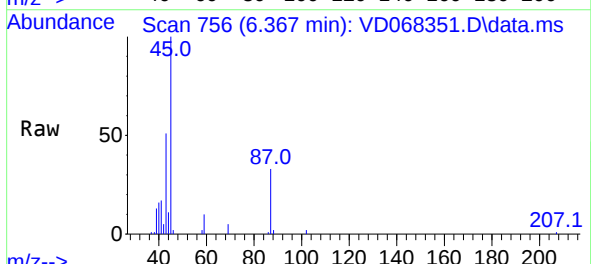
Tgt Ion: 96 Resp: 28801
Ion Ratio Lower Upper
96 100
61 110.8 96.7 145.1
98 59.2 47.6 71.4

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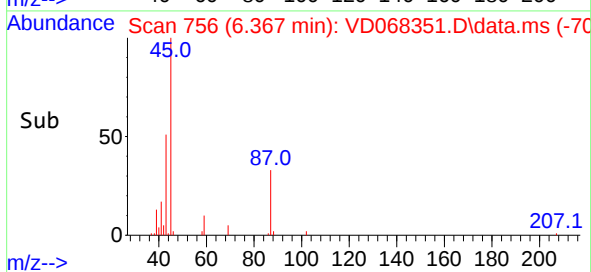
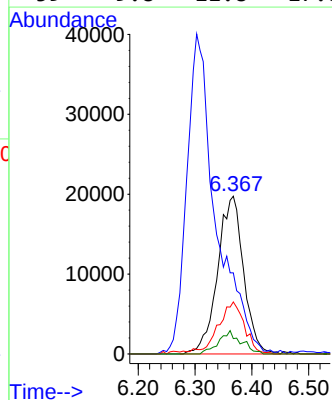
MMDadoda
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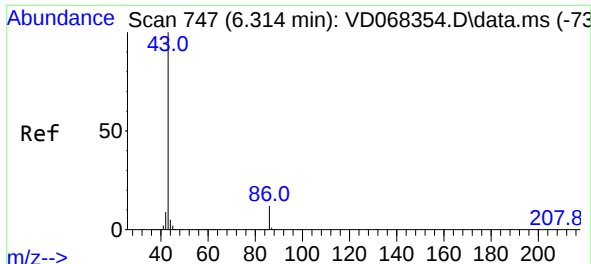


#22
Diisopropyl ether
Concen: 4.33 ug/l
RT: 6.367 min Scan# 756
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17



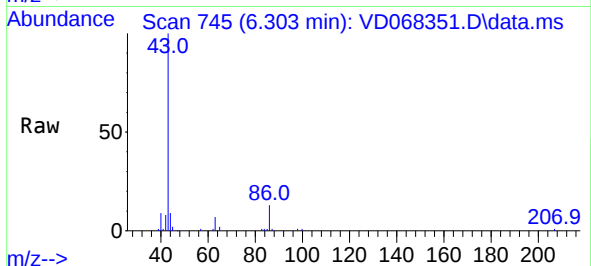
Tgt Ion: 45 Resp: 62707
Ion Ratio Lower Upper
45 100
43 49.2 43.9 65.9
87 32.9 29.9 44.9
59 9.8 11.8 17.8





#23
 Vinyl Acetate
 Concen: 18.64 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.012 min
 Lab File: VD068351.D
 Acq: 12 Feb 2021 10:17

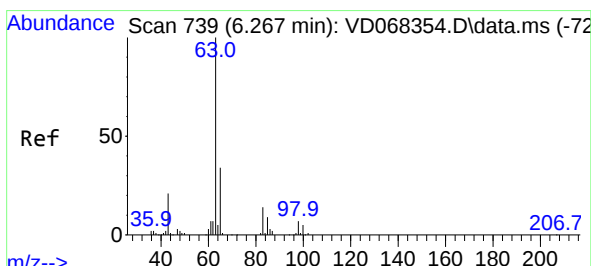
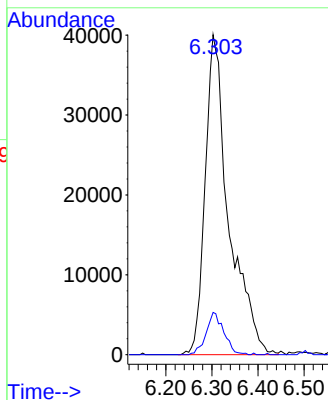
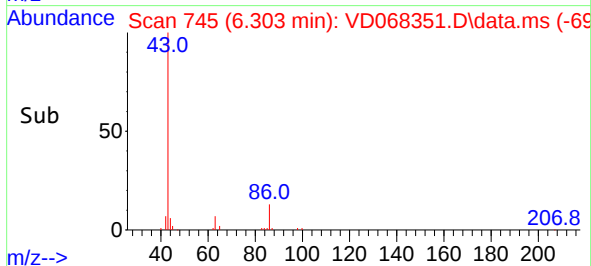
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



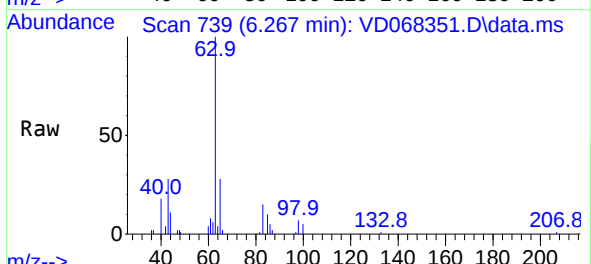
Tgt Ion: 43 Resp: 143198
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.8 16.2

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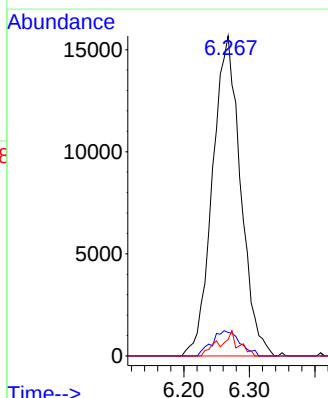
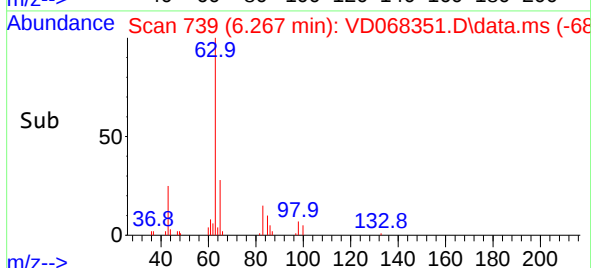
MMDadoda
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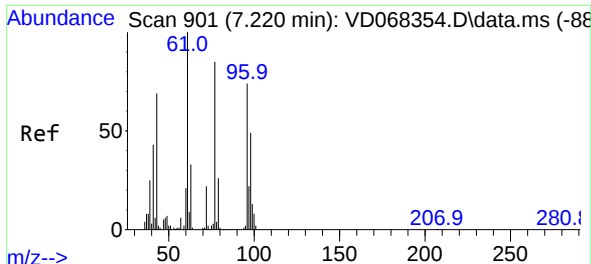


#24
 1,1-Dichloroethane
 Concen: 4.92 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.000 min
 Lab File: VD068351.D
 Acq: 12 Feb 2021 10:17



Tgt Ion: 63 Resp: 46640
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 5.2 2.6 8.0





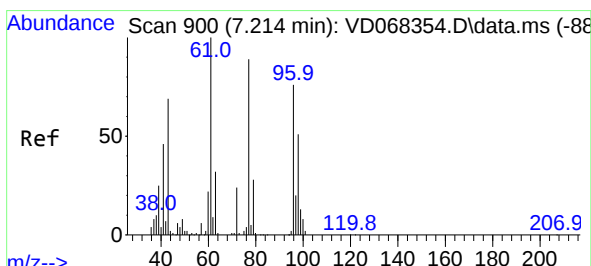
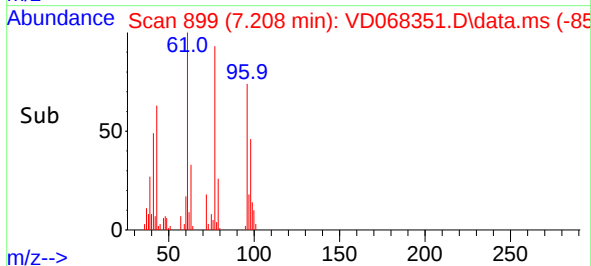
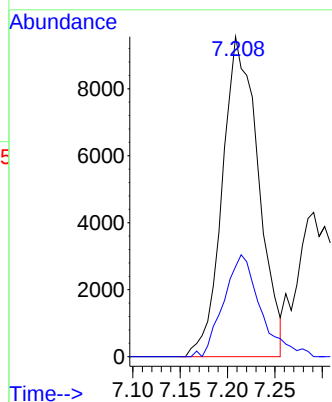
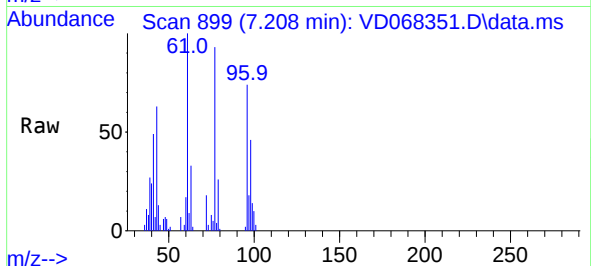
#25
2-Butanone
Concen: 21.69 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.012 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 43 Resp: 25280
Ion Ratio Lower Upper
43 100
72 28.1 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

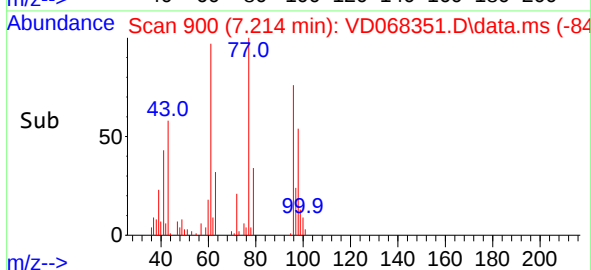
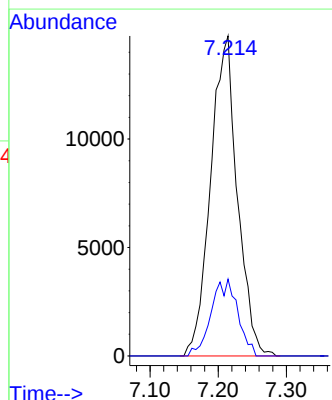
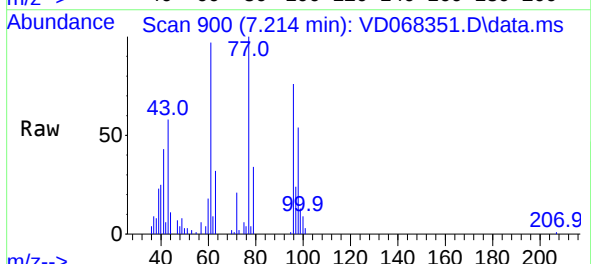
Manual Integrations
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#26
2,2-Dichloropropane
Concen: 4.56 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

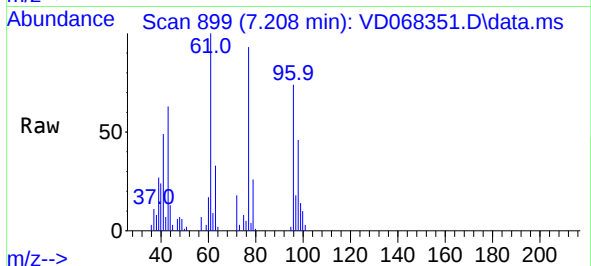
Tgt Ion: 77 Resp: 40327
Ion Ratio Lower Upper
77 100
97 23.8 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 5.15 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

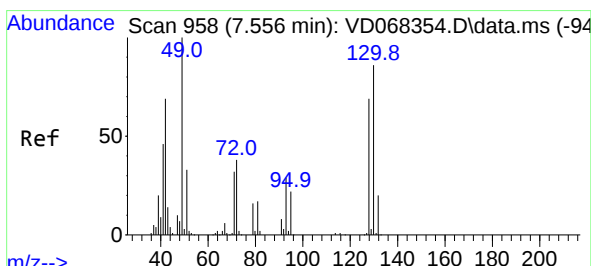
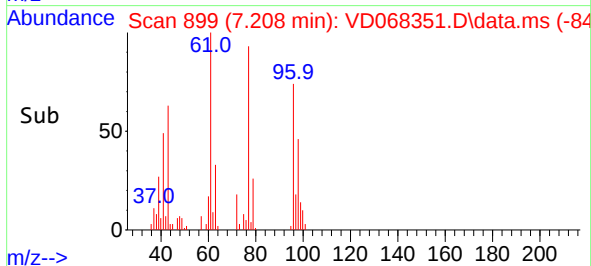
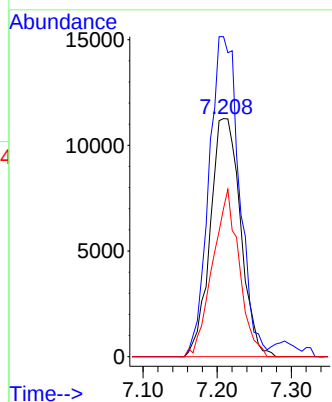
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 31963
Ion Ratio Lower Upper
96 100
61 134.7 0.0 257.4
98 61.8 0.0 126.6

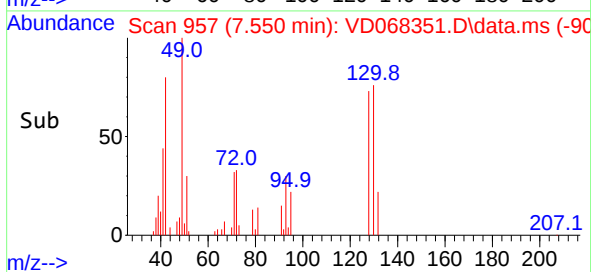
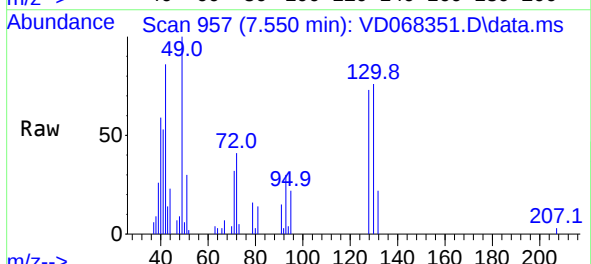
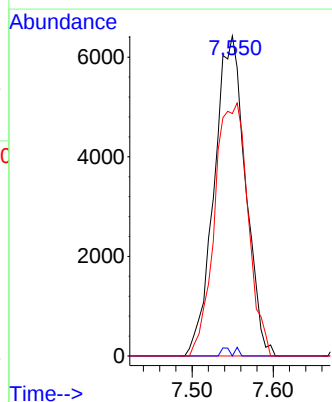
Manual Integrations
APPROVED

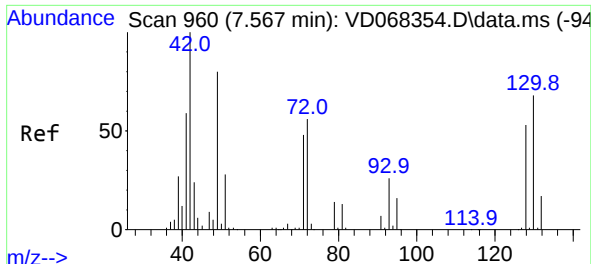
MMDadoda
2/15/2021 10:25:18 AM



#28
Bromochloromethane
Concen: 5.06 ug/l
RT: 7.550 min Scan# 957
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 49 Resp: 17193
Ion Ratio Lower Upper
49 100
129 1.0 0.0 4.8
130 84.3 85.5 128.3#





#29

Tetrahydrofuran

Concen: 22.32 ug/l

RT: 7.561 min Scan# 959

Delta R.T. -0.006 min

Lab File: VD068351.D

Acq: 12 Feb 2021 10:17

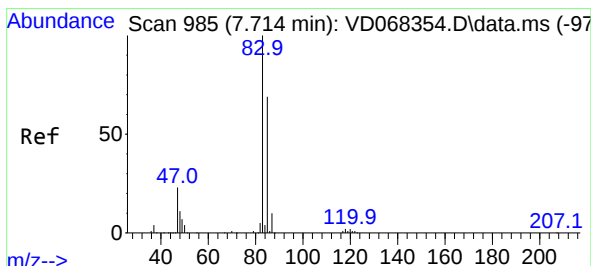
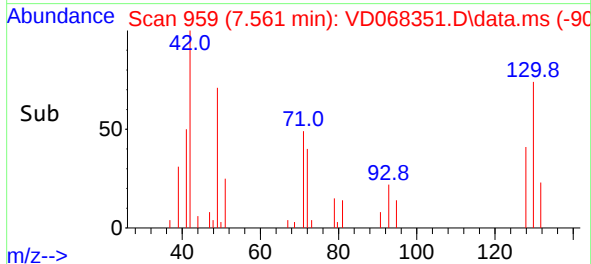
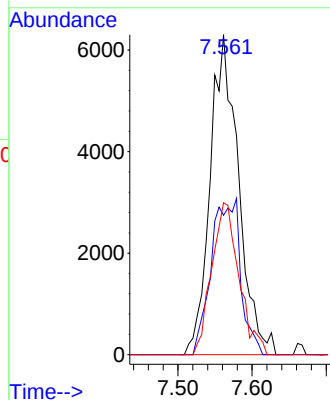
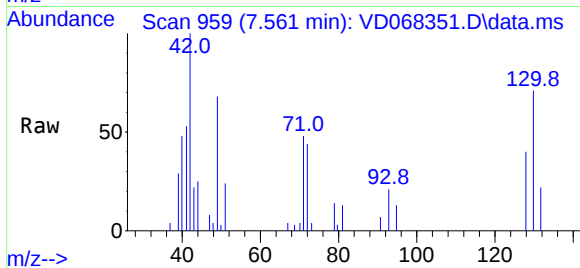
Tgt Ion: 42 Resp: 16778

Ion Ratio Lower Upper

42 100

72 50.2 43.4 65.0

71 45.8 40.8 61.2



#30

Chloroform

Concen: 4.94 ug/l

RT: 7.708 min Scan# 984

Delta R.T. -0.006 min

Lab File: VD068351.D

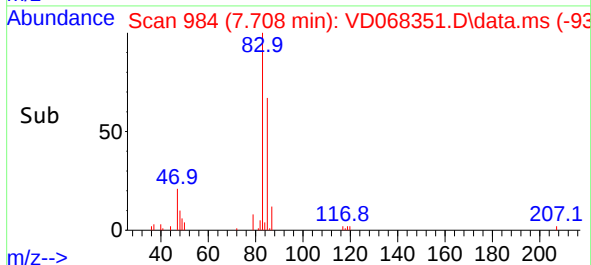
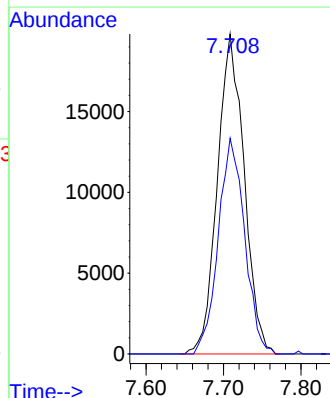
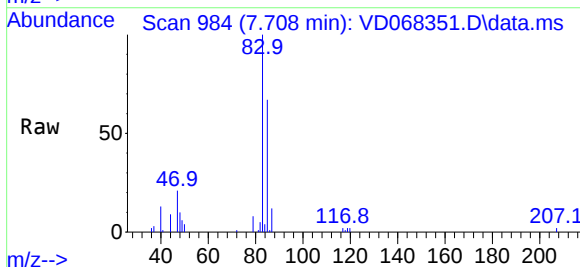
Acq: 12 Feb 2021 10:17

Tgt Ion: 83 Resp: 47532

Ion Ratio Lower Upper

83 100

85 67.4 53.4 80.0



Instrument :

MSVOA_D

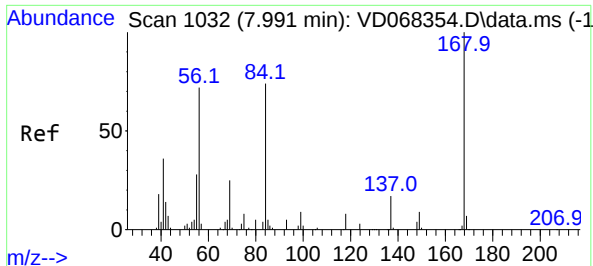
ClientSampleId :

VSTDIC005

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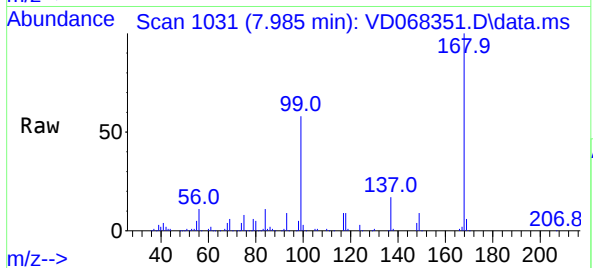
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#31
Cyclohexane
Concen: 5.56 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

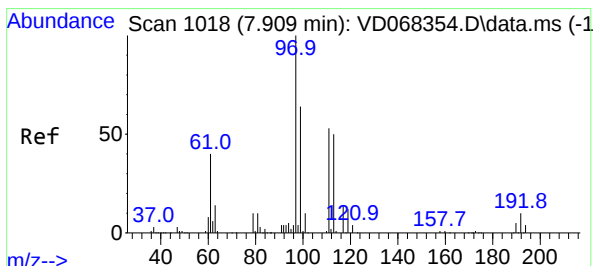
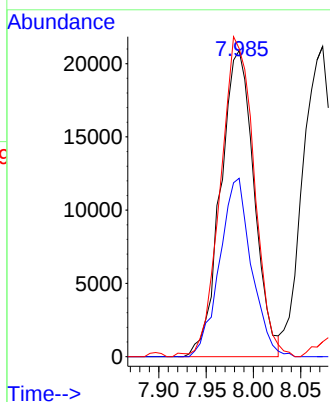
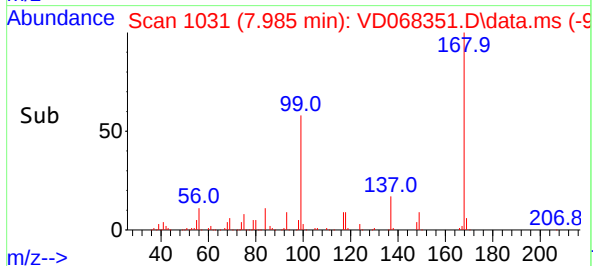
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



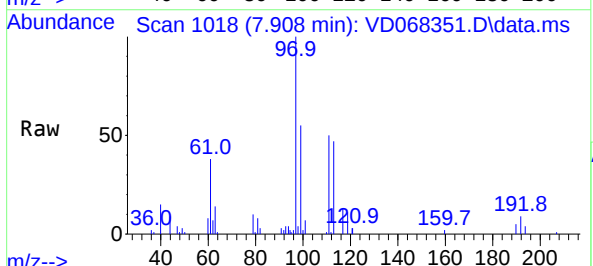
Tgt Ion: 56 Resp: 51411
Ion Ratio Lower Upper
56 100
69 58.3 30.1 45.1#
84 99.5 82.1 123.1

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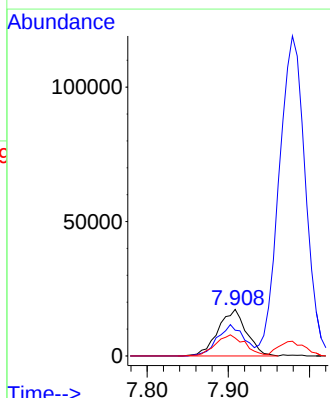
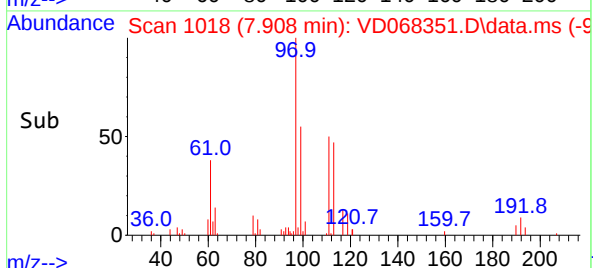
MMDadoda
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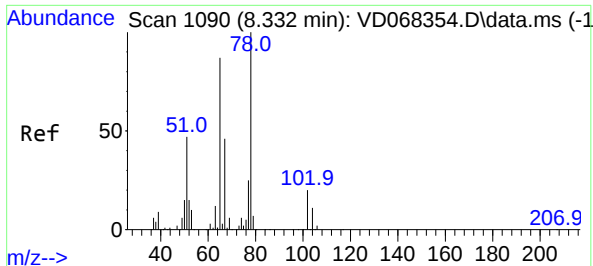


#32
1,1,1-Trichloroethane
Concen: 4.88 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17



Tgt Ion: 97 Resp: 42000
Ion Ratio Lower Upper
97 100
99 63.4 52.1 78.1
61 46.7 30.1 45.1#





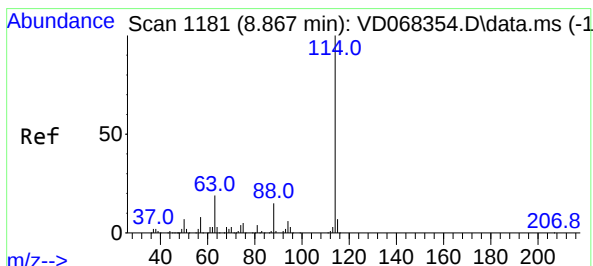
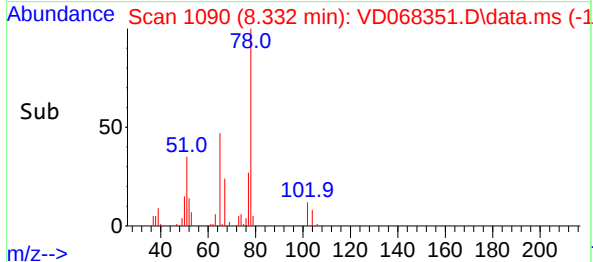
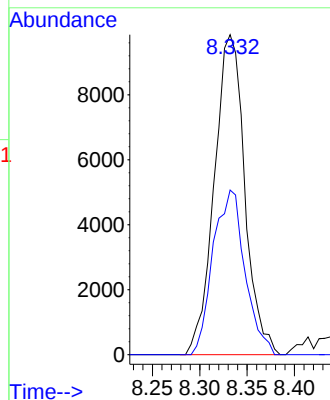
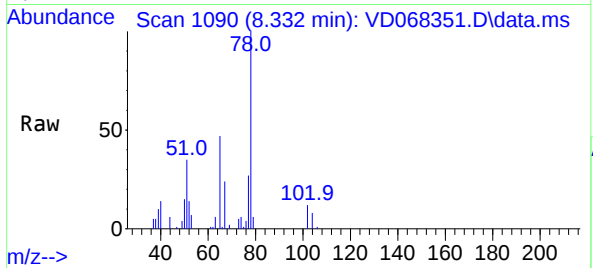
#33
1,2-Dichloroethane-d4
Concen: 4.82 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 65 Resp: 22035
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

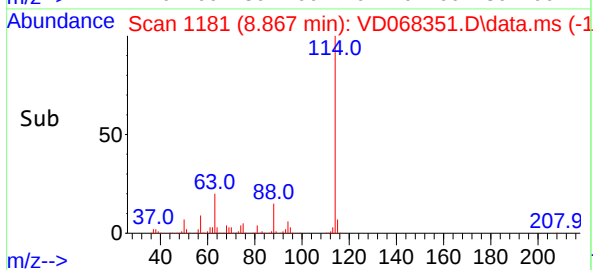
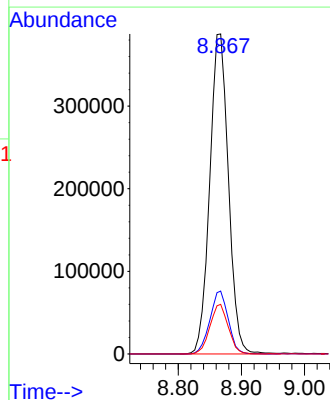
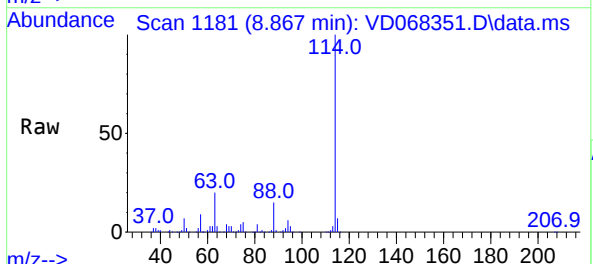
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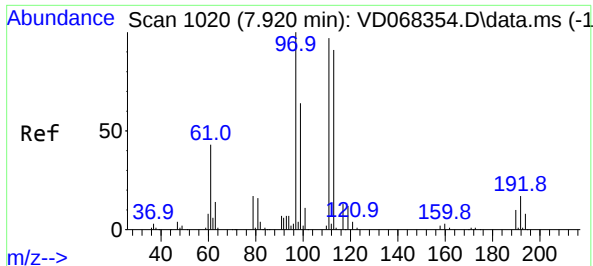
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 114 Resp: 796437
Ion Ratio Lower Upper
114 100
63 19.7 0.0 34.8
88 15.5 0.0 31.6





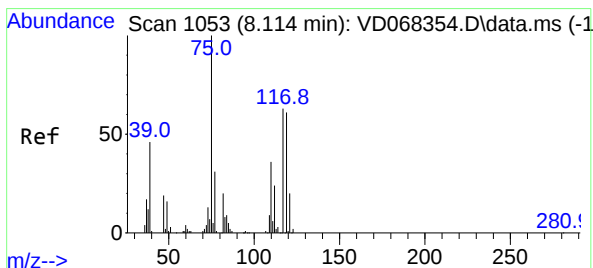
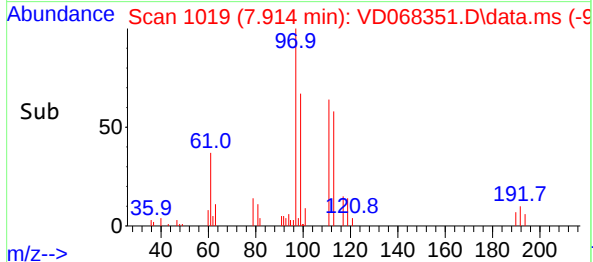
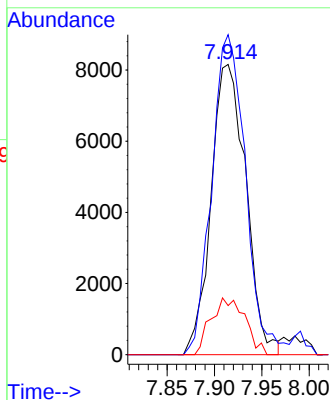
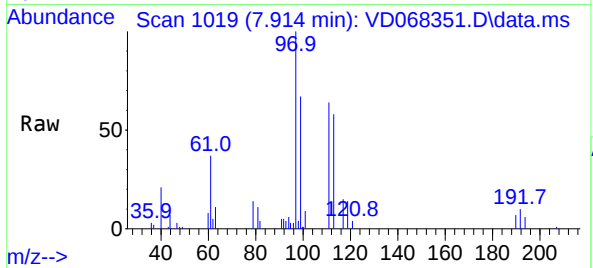
#35
Dibromofluoromethane
Concen: 4.63 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion:	113	Resp:	20859
Ion	Ratio	Lower	Upper
113	100		
111	107.4	81.4	122.0
192	19.2	16.1	24.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

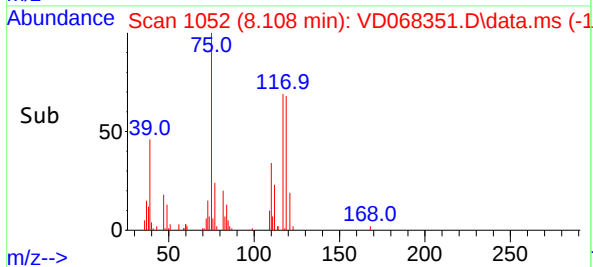
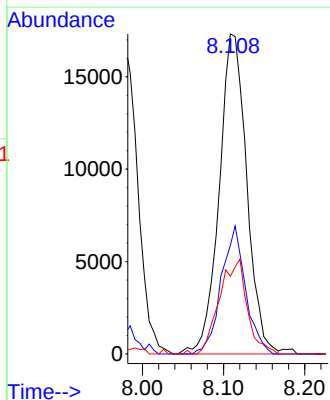
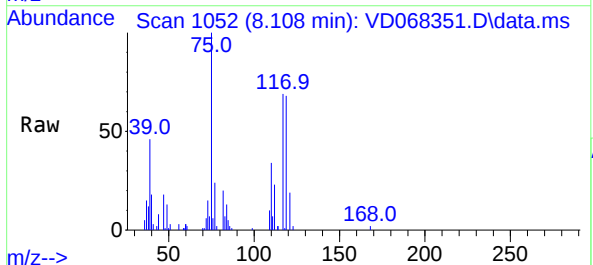
Manual Integrations
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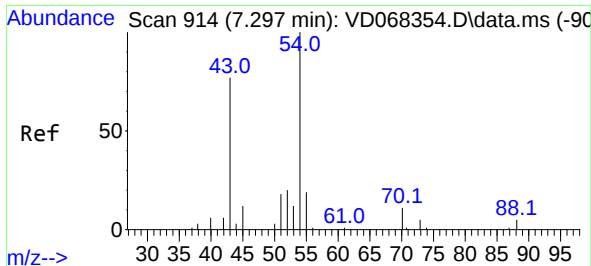
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#36
1,1-Dichloropropene
Concen: 5.25 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion:	75	Resp:	40835
Ion	Ratio	Lower	Upper
75	100		
110	35.4	19.4	58.2
77	29.7	25.3	37.9





#37

Ethyl Acetate

Concen: 4.18 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD068351.D

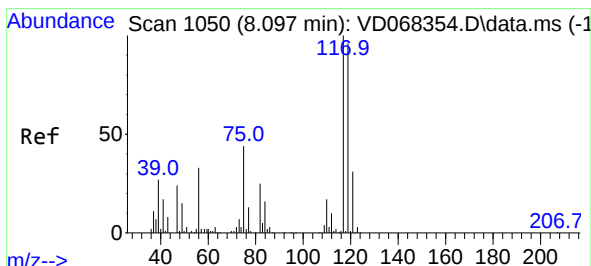
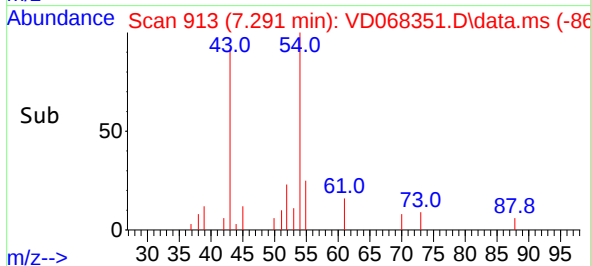
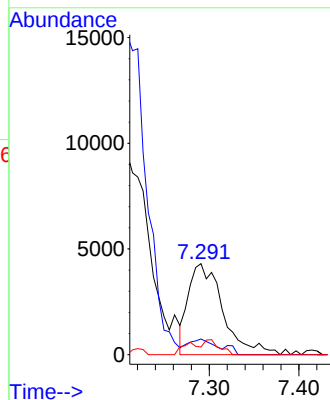
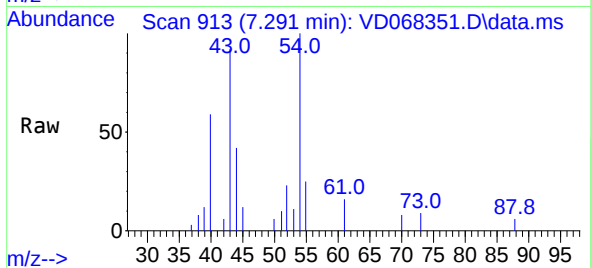
Acq: 12 Feb 2021 10:17

Tgt Ion: 43	Resp: 11480
Ion Ratio	Lower Upper
43 100	
61 0.0	12.9 19.3#
70 7.1	11.0 16.6#

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 5.09 ug/l

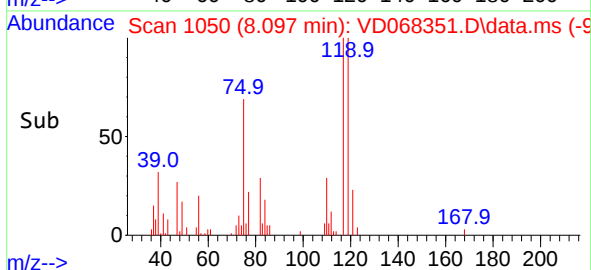
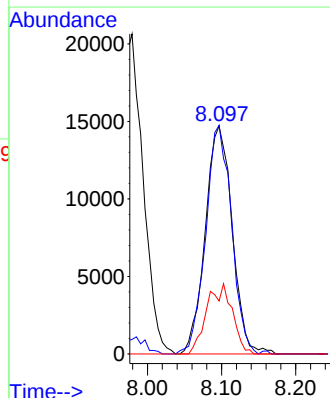
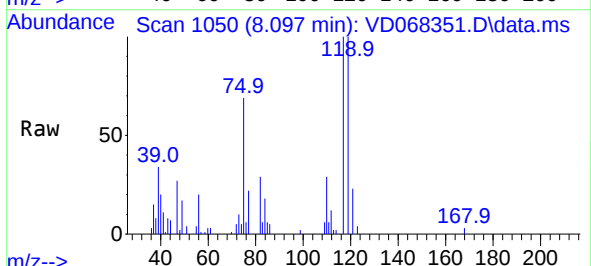
RT: 8.097 min Scan# 1050

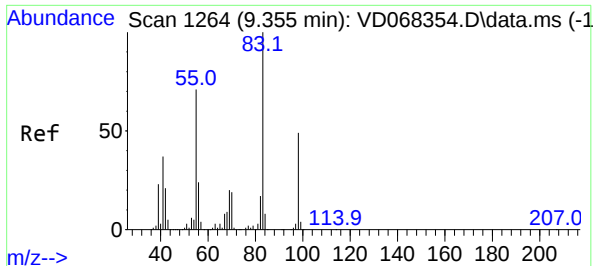
Delta R.T. -0.000 min

Lab File: VD068351.D

Acq: 12 Feb 2021 10:17

Tgt Ion: 117	Resp: 37172
Ion Ratio	Lower Upper
117 100	
119 100.3	77.3 115.9
121 23.3	24.7 37.1#





#39

Methylcyclohexane

Concen: 5.02 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD068351.D

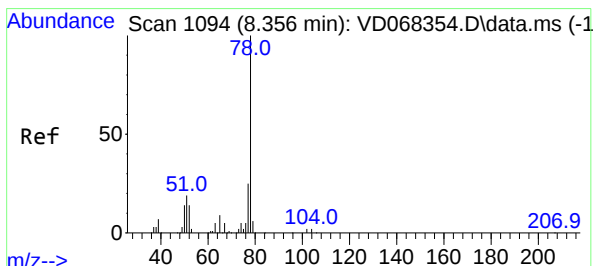
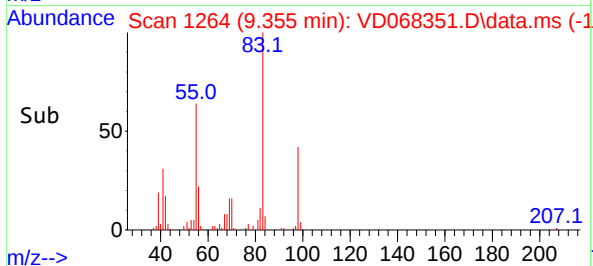
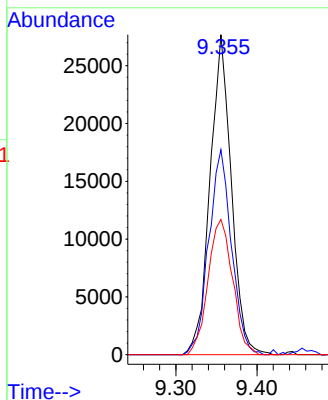
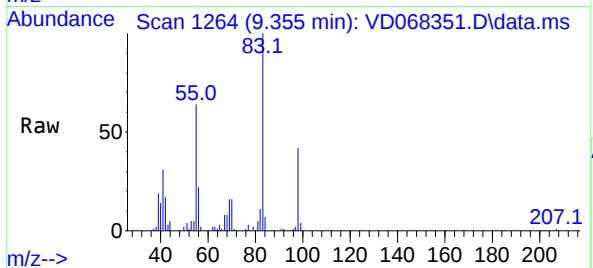
Acq: 12 Feb 2021 10:17

Tgt Ion:	83	Resp:	50445
Ion	Ratio	Lower	Upper
83	100		
55	64.1	55.2	82.8
98	42.3	39.1	58.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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#40

Benzene

Concen: 4.94 ug/l

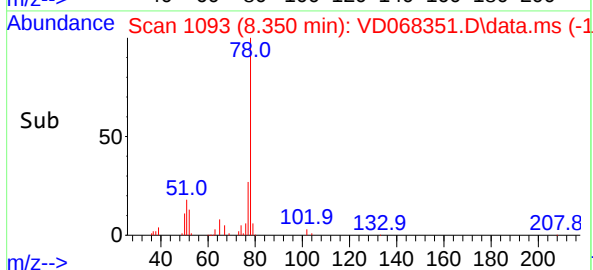
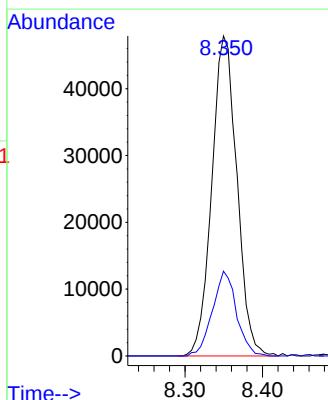
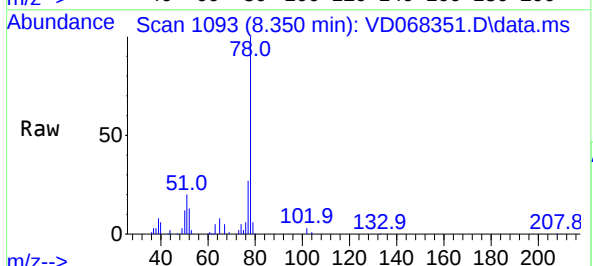
RT: 8.350 min Scan# 1093

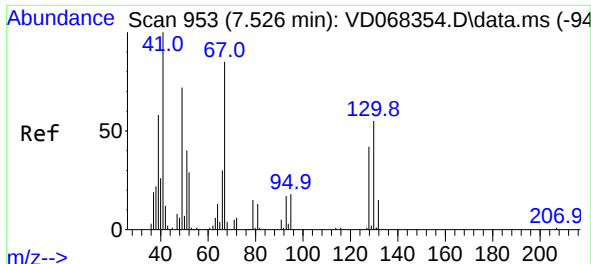
Delta R.T. -0.006 min

Lab File: VD068351.D

Acq: 12 Feb 2021 10:17

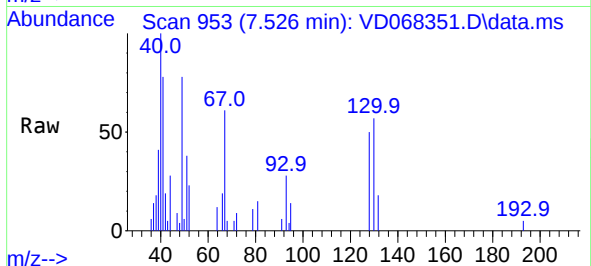
Tgt Ion:	78	Resp:	107836
Ion	Ratio	Lower	Upper
78	100		
77	26.5	17.8	26.6





#41
Methacrylonitrile
Concen: 4.11 ug/l
RT: 7.526 min Scan# 953
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

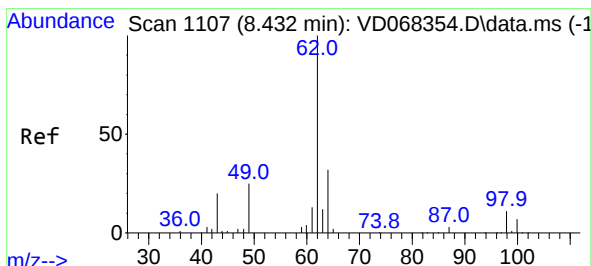
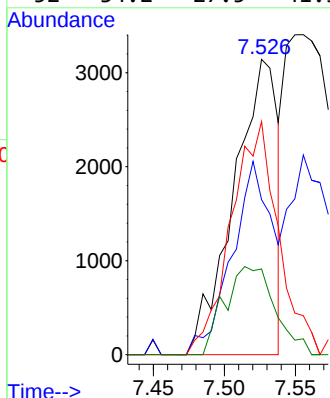
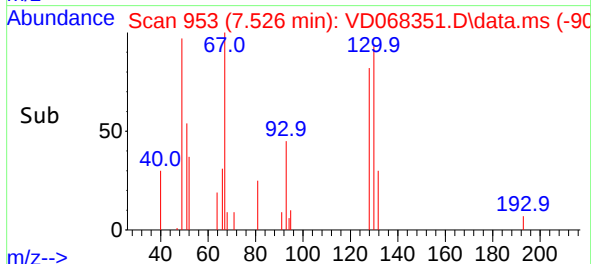


Tgt Ion: 41 Resp: 6760

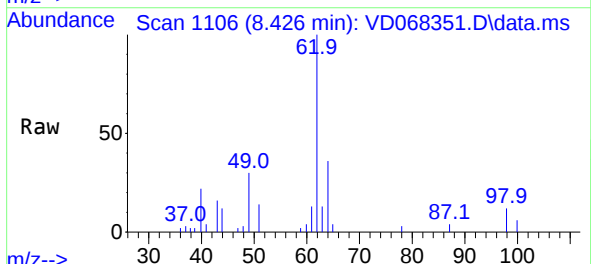
Ion	Ratio	Lower	Upper
41	100		
39	59.7	45.2	67.8
67	85.6	67.4	101.2
52	34.2	27.5	41.3

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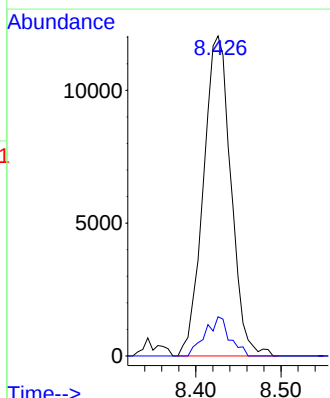
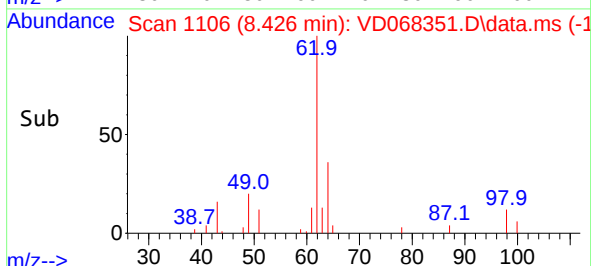


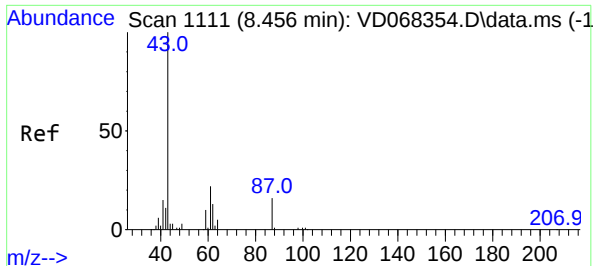
#42
1,2-Dichloroethane
Concen: 4.64 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17



Tgt Ion: 62 Resp: 27071

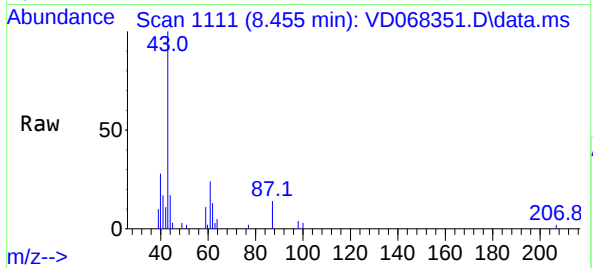
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.8





#43
Isopropyl Acetate
Concen: 3.80 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

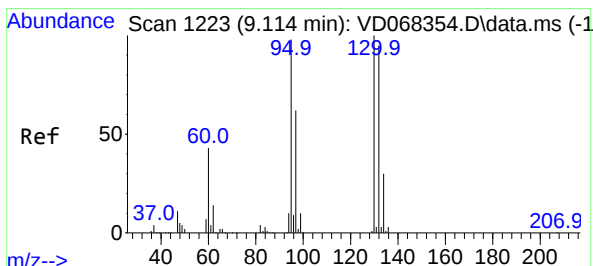
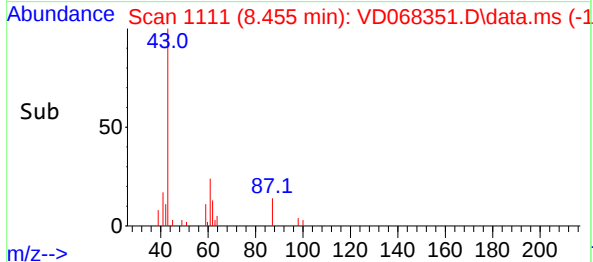
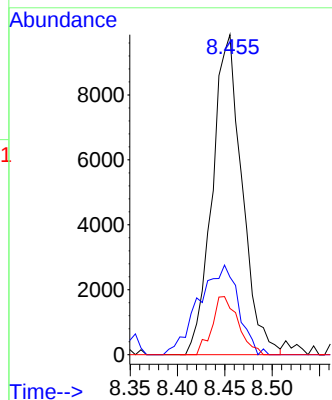
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 21541
Ion Ratio Lower Upper
43 100
61 37.3 28.7 43.1
87 15.9 13.9 20.9

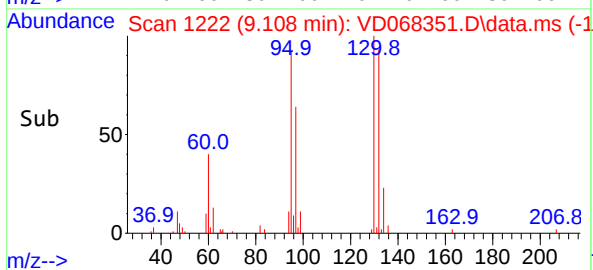
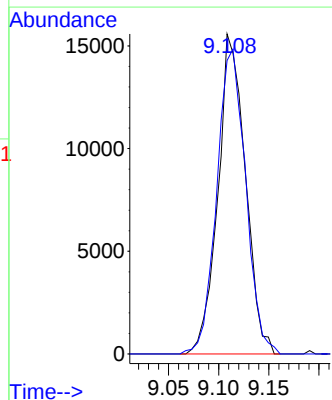
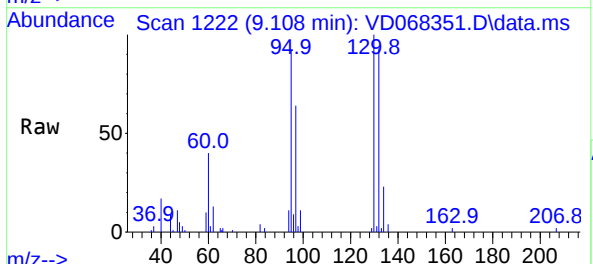
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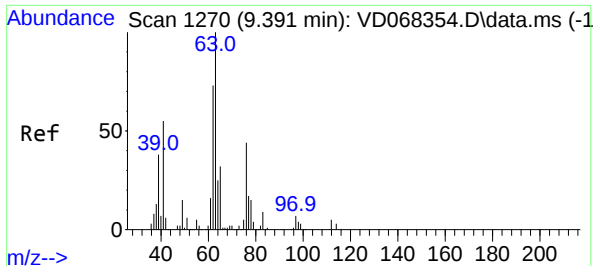
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#44
Trichloroethene
Concen: 4.94 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 130 Resp: 29564
Ion Ratio Lower Upper
130 100
95 91.7 0.0 191.2





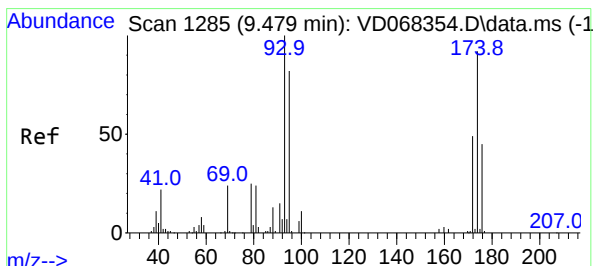
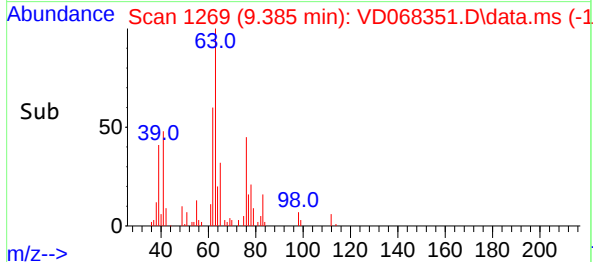
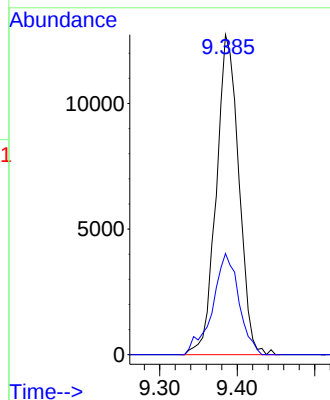
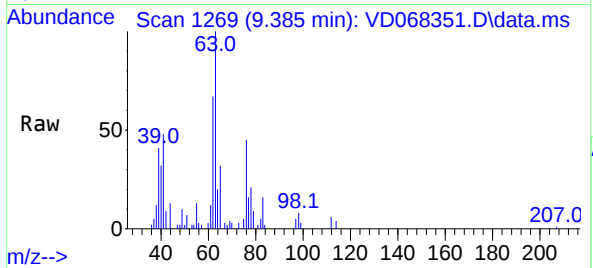
#45
1,2-Dichloropropane
Concen: 4.83 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 63 Resp: 25768
Ion Ratio Lower Upper
63 100
65 31.6 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

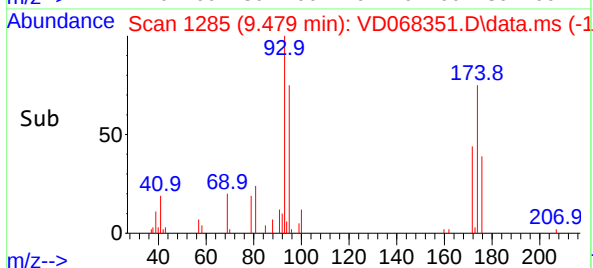
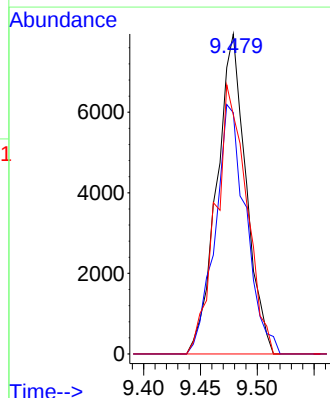
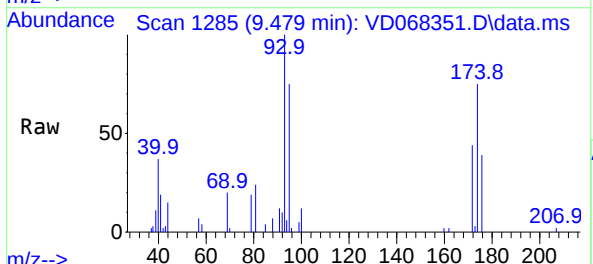
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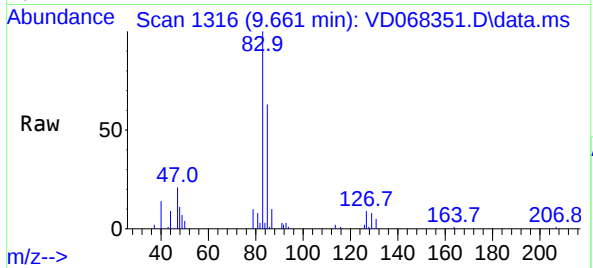
#46
Dibromomethane
Concen: 5.23 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 93 Resp: 14233
Ion Ratio Lower Upper
93 100
95 81.9 67.3 100.9
174 88.8 84.6 127.0

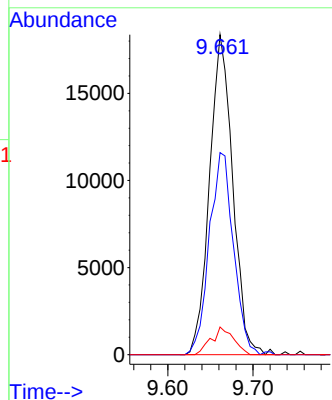




#47
Bromodichloromethane
Concen: 4.74 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17



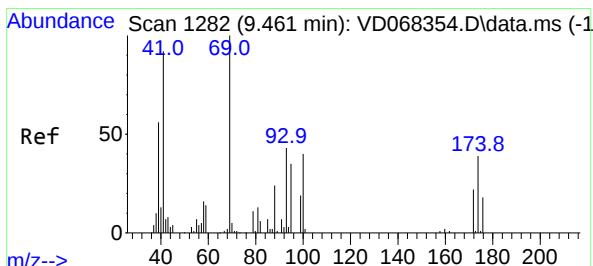
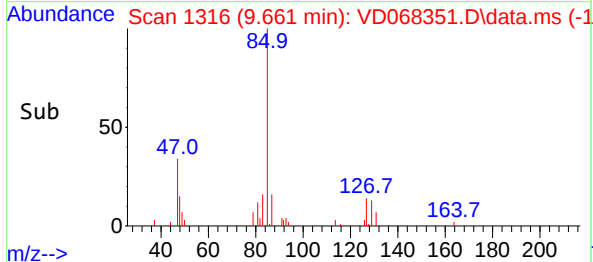
Tgt Ion: 83 Resp: 34769
Ion Ratio Lower Upper
83 100
85 63.1 51.6 77.4
127 8.6 7.4 11.0



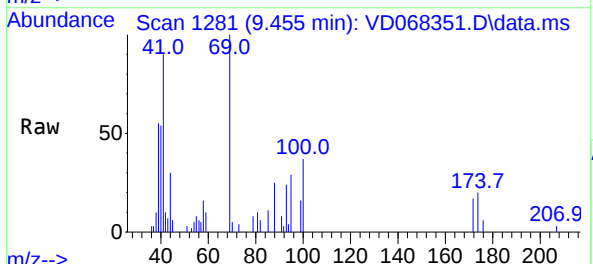
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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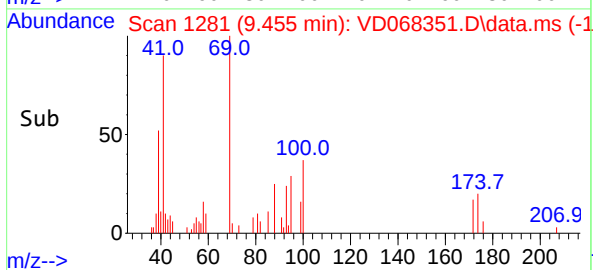
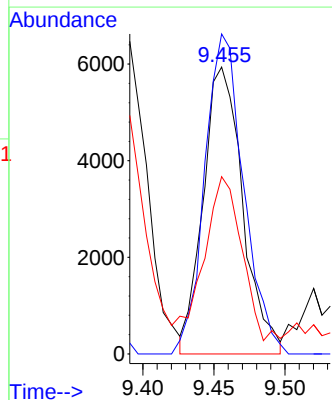
MMDadoda
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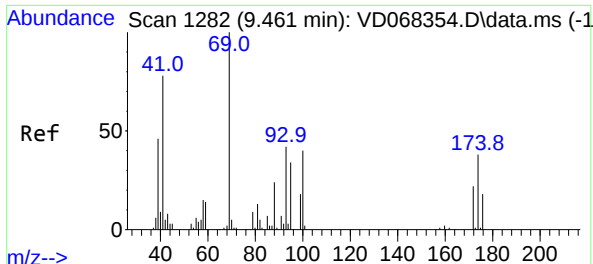


#48
Methyl methacrylate
Concen: 4.14 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

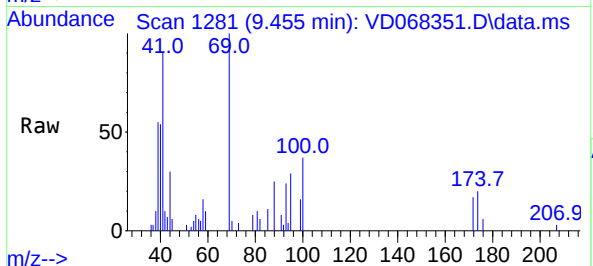


Tgt Ion: 41 Resp: 11508
Ion Ratio Lower Upper
41 100
69 109.9 77.1 115.7
39 53.0 41.5 62.3

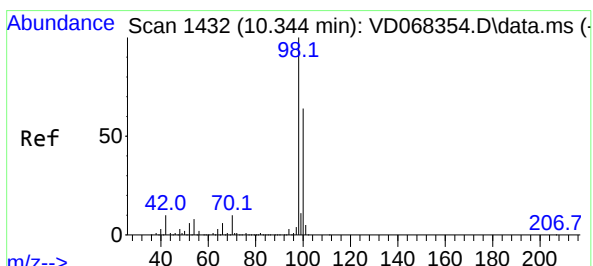
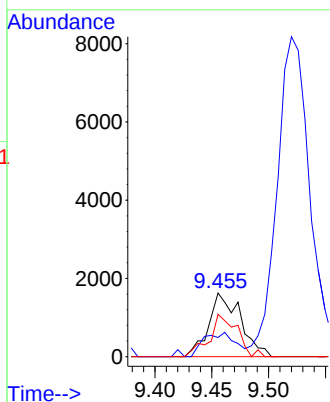
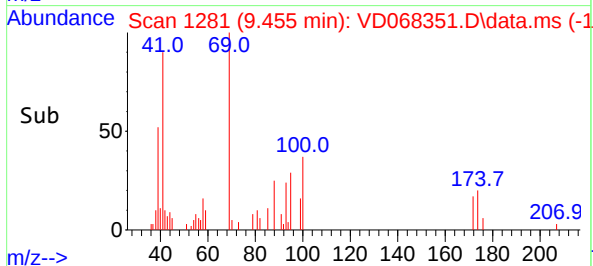




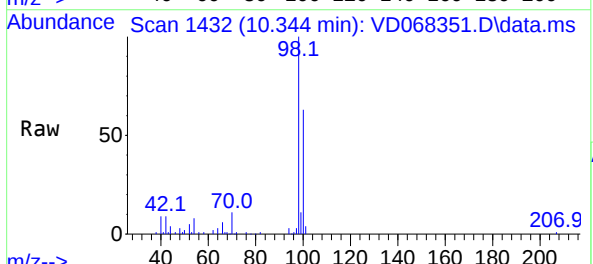
#49
1,4-Dioxane
Concen: 98.74 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17



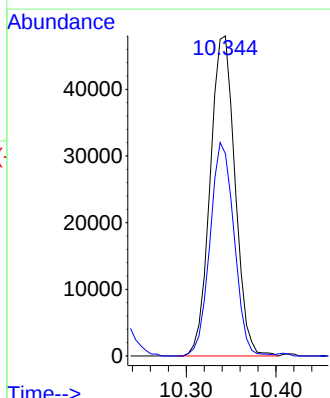
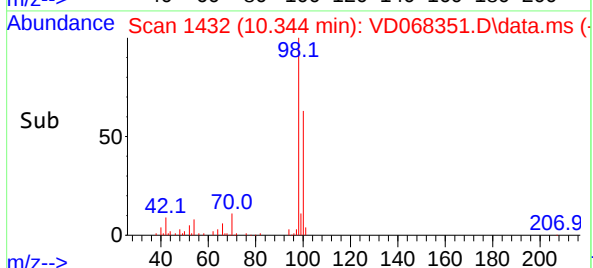
Tgt Ion: 88 Resp: 3177
Ion Ratio Lower Upper
88 100
43 37.7 22.1 33.1#
58 57.9 46.7 70.1



#50
Toluene-d8
Concen: 5.05 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17



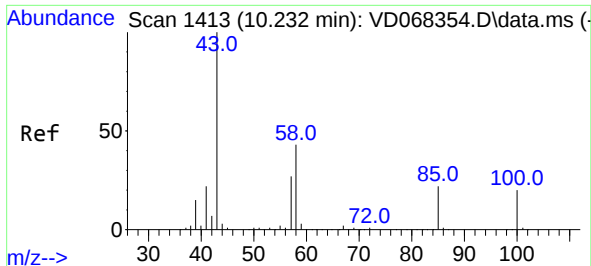
Tgt Ion: 98 Resp: 92276
Ion Ratio Lower Upper
98 100
100 64.7 53.0 79.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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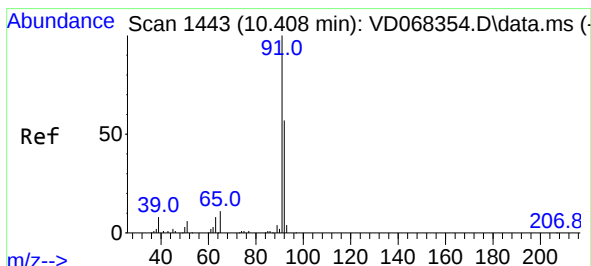
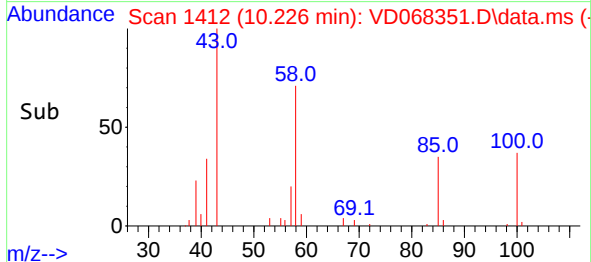
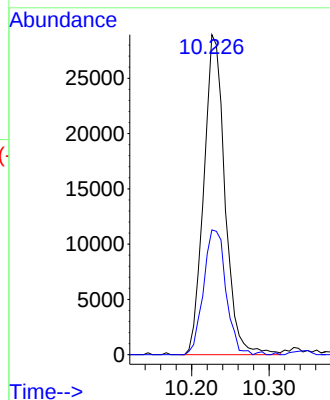
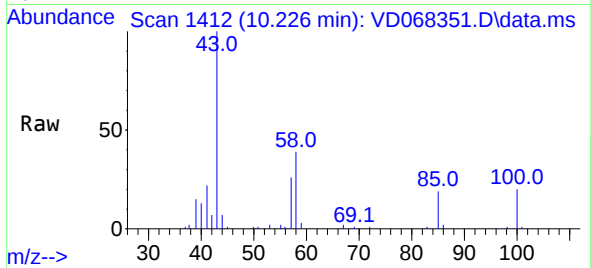
#51
4-Methyl-2-Pentanone
Concen: 20.59 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 43 Resp: 54849
Ion Ratio Lower Upper
43 100
58 41.2 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

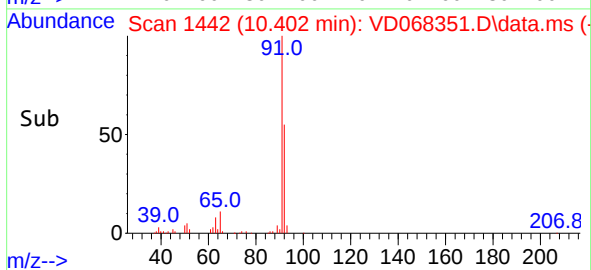
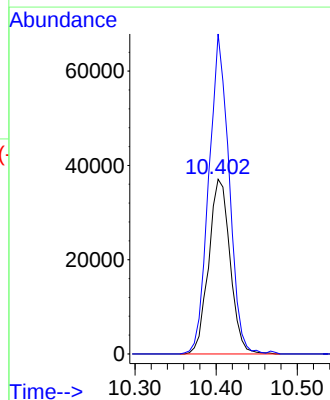
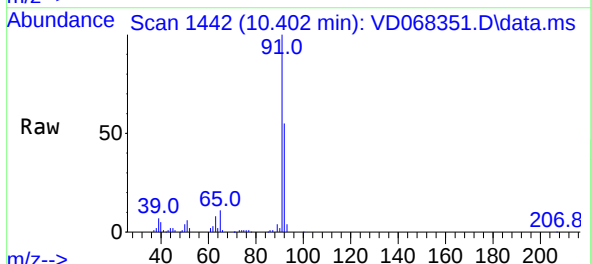
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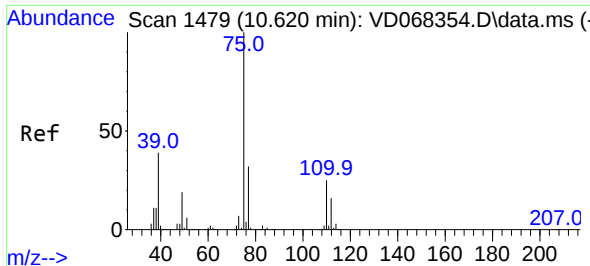
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#52
Toluene
Concen: 4.79 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 92 Resp: 67909
Ion Ratio Lower Upper
92 100
91 173.3 134.1 201.1





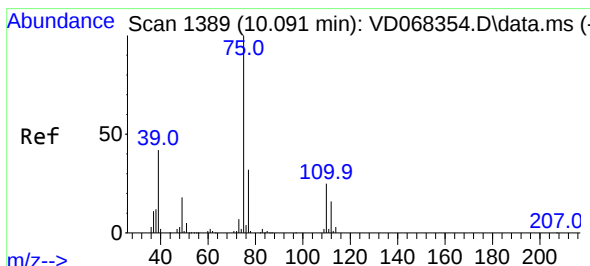
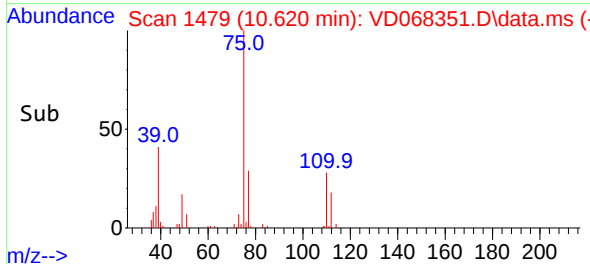
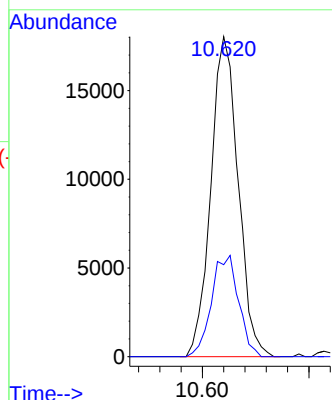
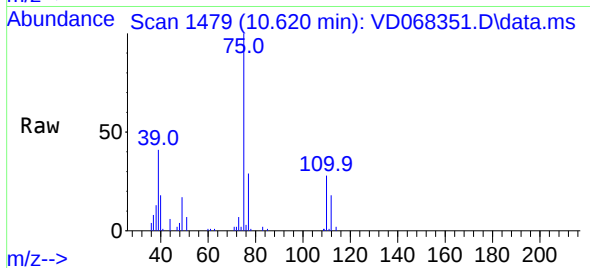
#53
t-1,3-Dichloropropene
Concen: 4.36 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 75 Resp: 32029
Ion Ratio Lower Upper
75 100
77 28.7 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

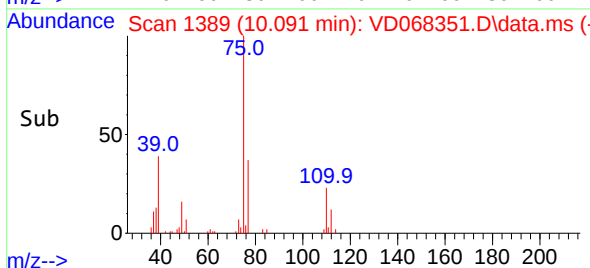
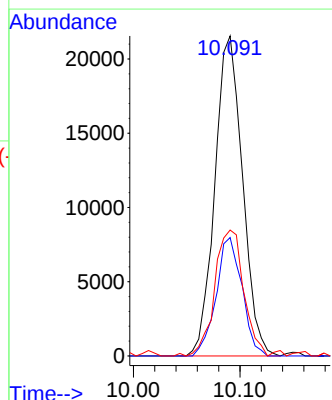
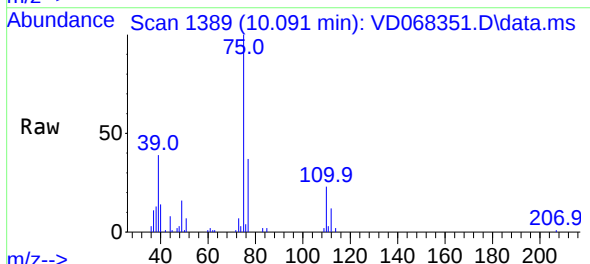
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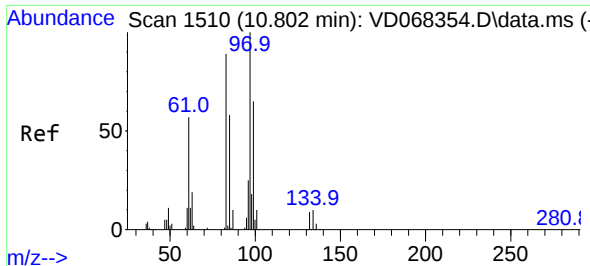
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#54
cis-1,3-Dichloropropene
Concen: 4.44 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

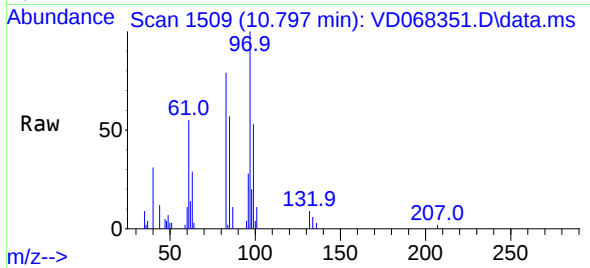
Tgt Ion: 75 Resp: 38874
Ion Ratio Lower Upper
75 100
77 37.0 24.6 37.0#
39 38.5 31.4 47.0





#55
1,1,2-Trichloroethane
Concen: 4.83 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

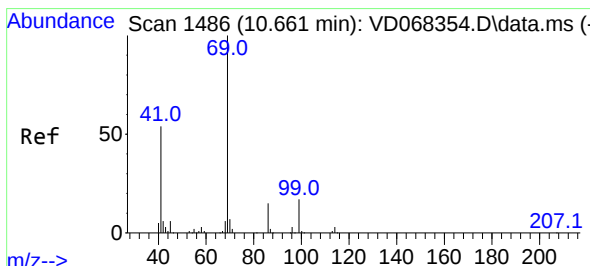
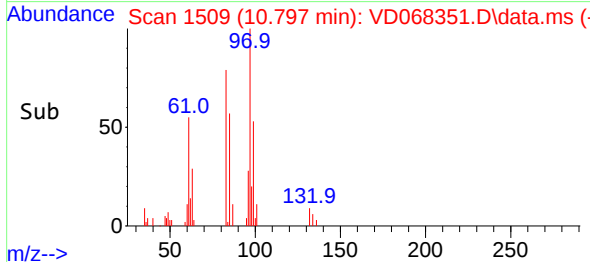
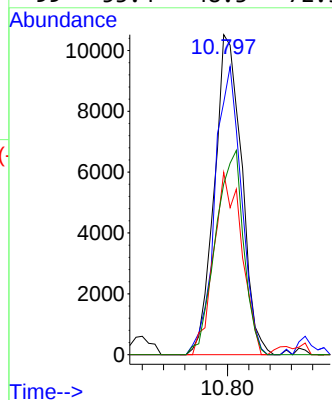


Tgt Ion: 97 Resp: 18655

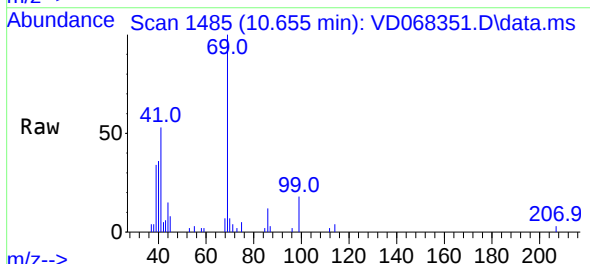
Ion	Ratio	Lower	Upper
97	100		
83	78.8	61.8	92.6
85	56.9	42.2	63.2
99	53.4	48.3	72.5

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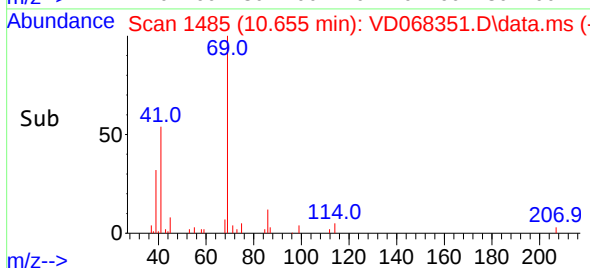
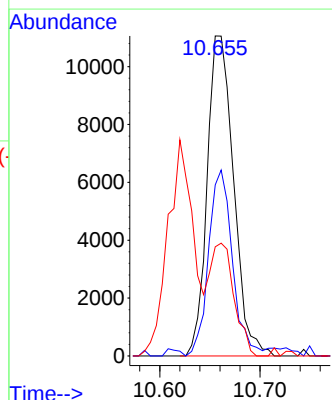


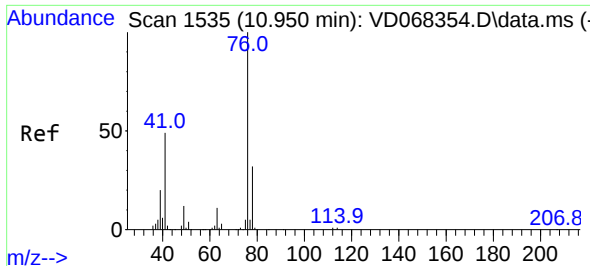
#56
Ethyl methacrylate
Concen: 3.99 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17



Tgt Ion: 69 Resp: 20300

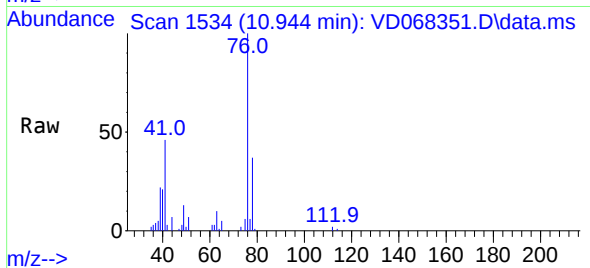
Ion	Ratio	Lower	Upper
69	100		
41	52.5	44.9	67.3
39	32.5	21.9	32.9





#57
1,3-Dichloropropane
Concen: 4.79 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

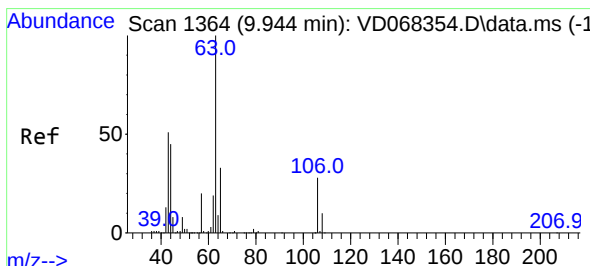
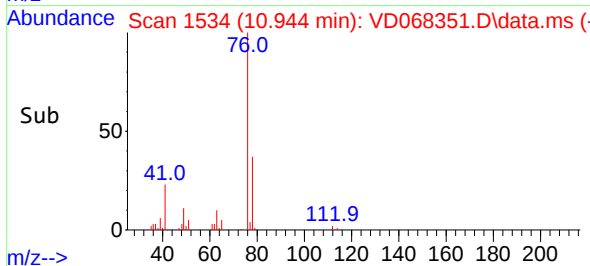
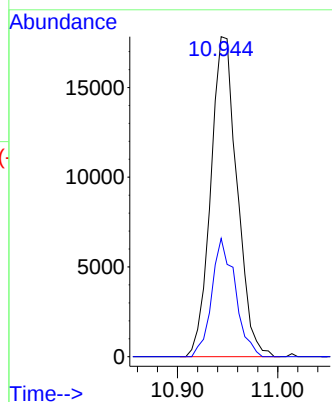
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 32561
Ion Ratio Lower Upper
76 100
78 33.0 25.6 38.4

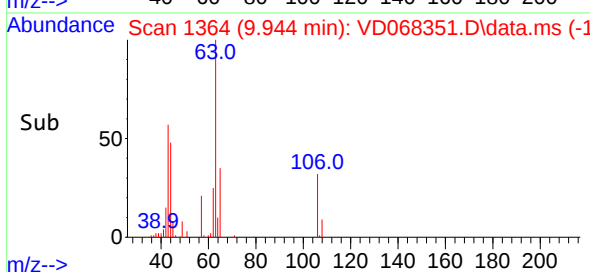
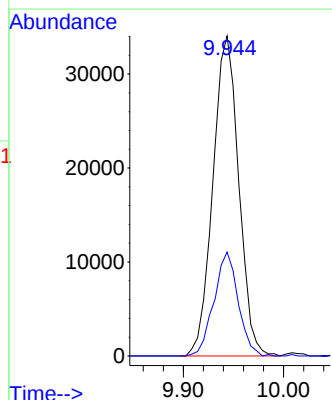
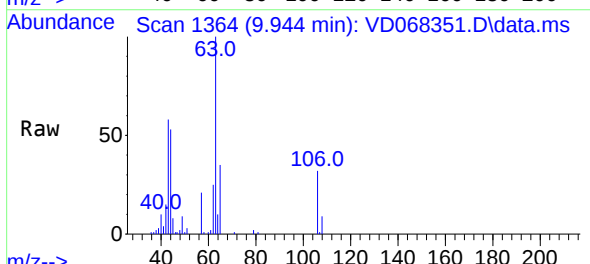
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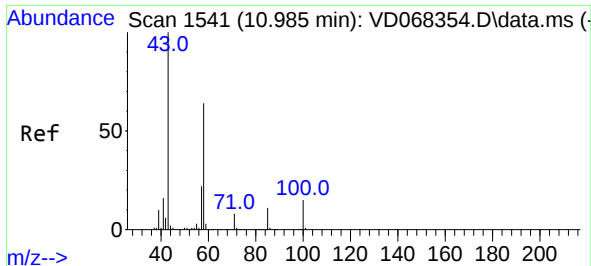
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#58
2-Chloroethyl Vinyl ether
Concen: 25.08 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 63 Resp: 60851
Ion Ratio Lower Upper
63 100
106 30.4 27.0 40.4





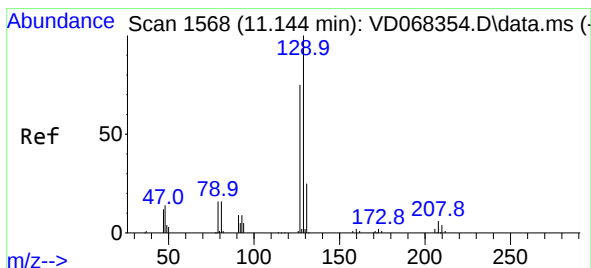
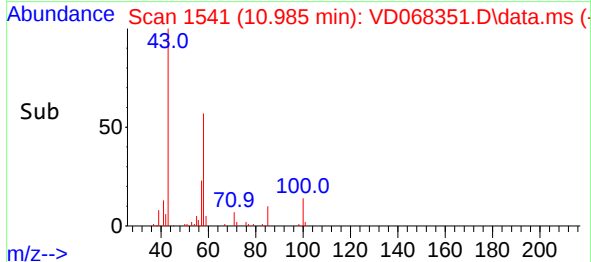
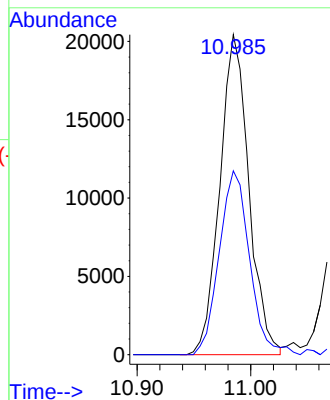
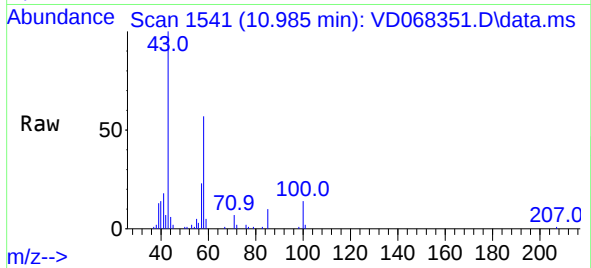
#59
2-Hexanone
Concen: 19.69 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 43 Resp: 36302
Ion Ratio Lower Upper
43 100
58 60.0 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

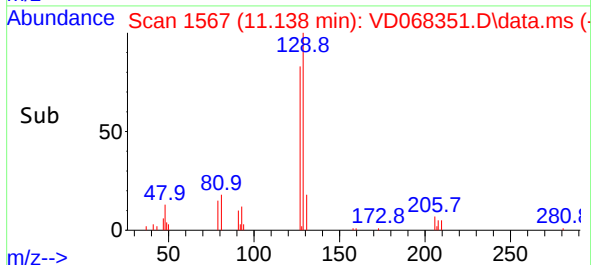
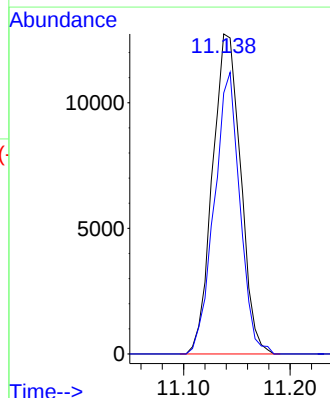
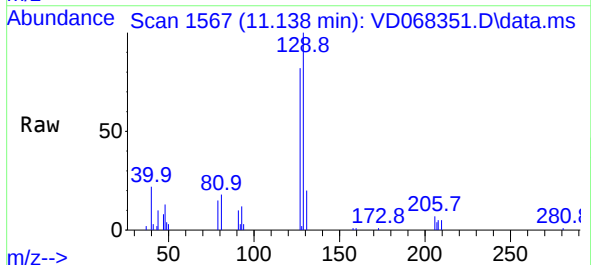
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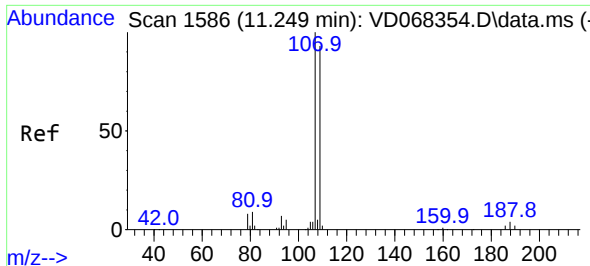
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2/15/2021 10:25:18 AM



#60
Dibromochloromethane
Concen: 4.83 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

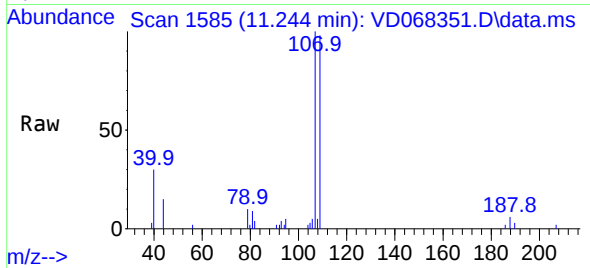
Tgt Ion: 129 Resp: 23368
Ion Ratio Lower Upper
129 100
127 80.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 4.65 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

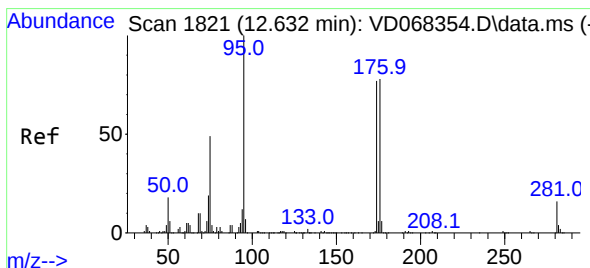
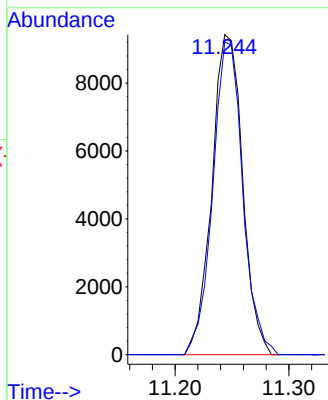
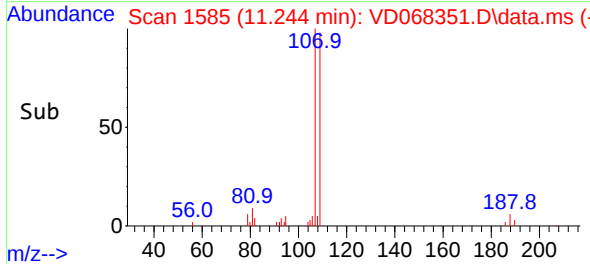
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



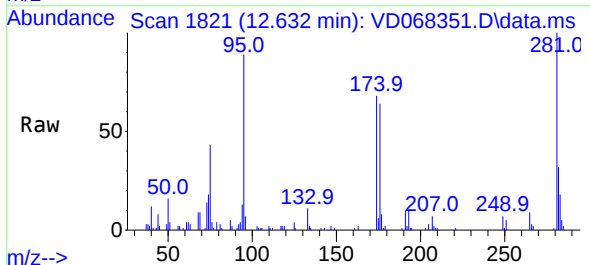
Tgt Ion:107 Resp: 17658
Ion Ratio Lower Upper
107 100
109 95.9 74.8 112.2

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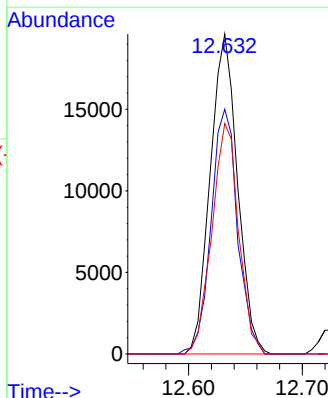
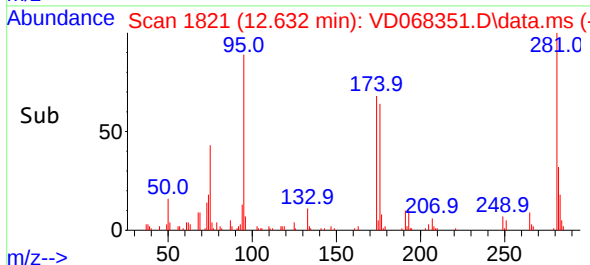
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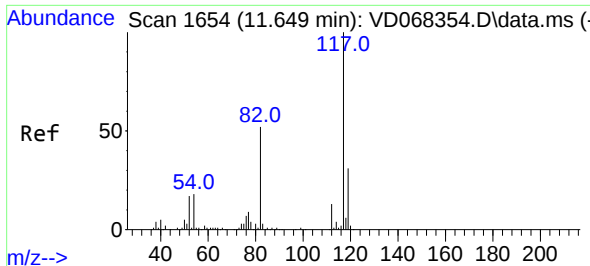


#62
4-Bromofluorobenzene
Concen: 5.12 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

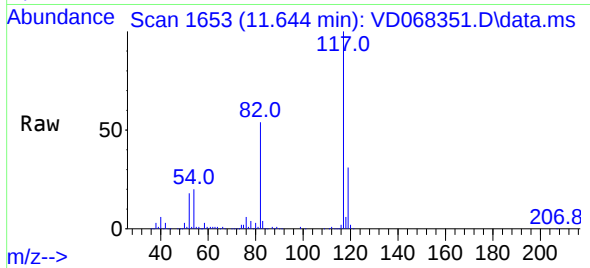


Tgt Ion: 95 Resp: 32735
Ion Ratio Lower Upper
95 100
174 74.0 0.0 172.4
176 70.6 0.0 168.4

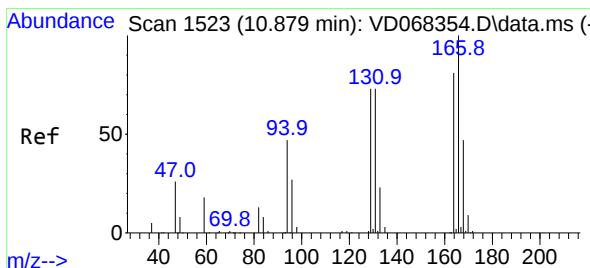
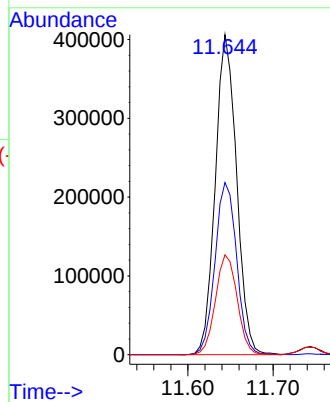
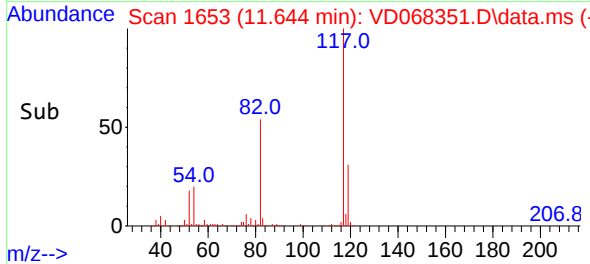




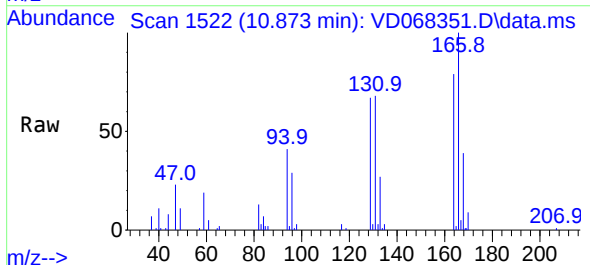
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17



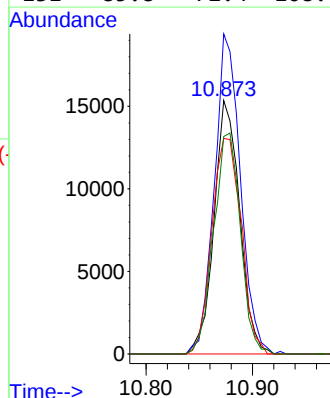
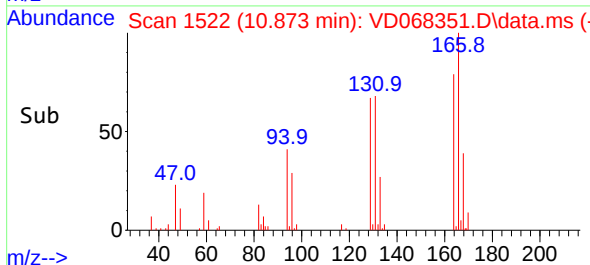
Tgt Ion:117 Resp: 707237
Ion Ratio Lower Upper
117 100
82 53.8 41.4 62.0
119 31.2 26.1 39.1



#64
Tetrachloroethene
Concen: 5.31 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17



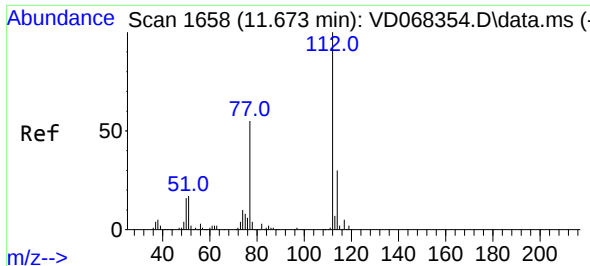
Tgt Ion:164 Resp: 25655
Ion Ratio Lower Upper
164 100
166 126.2 105.5 158.3
129 85.0 75.6 113.4
131 85.8 72.4 108.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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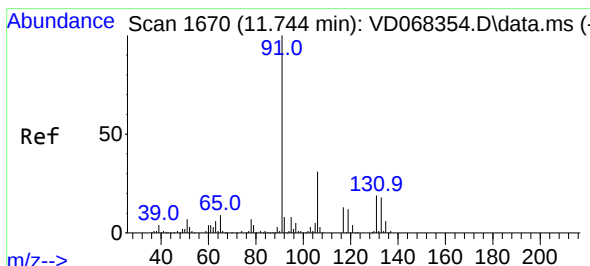
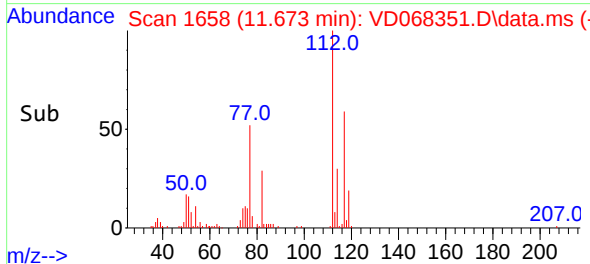
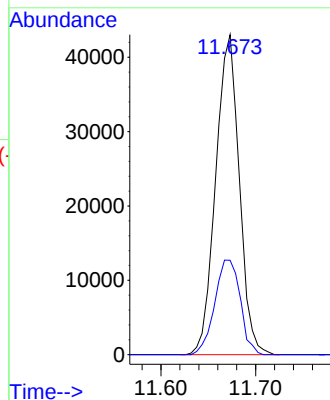
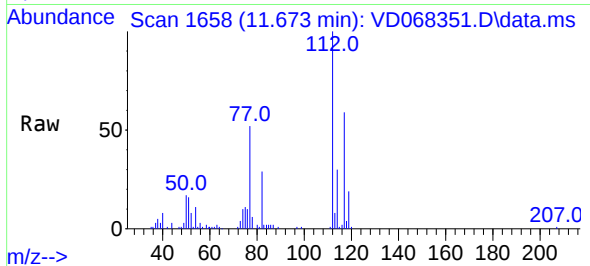
#65
Chlorobenzene
Concen: 5.09 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 74431
Ion Ratio Lower Upper
112 100
114 29.5 25.7 38.5

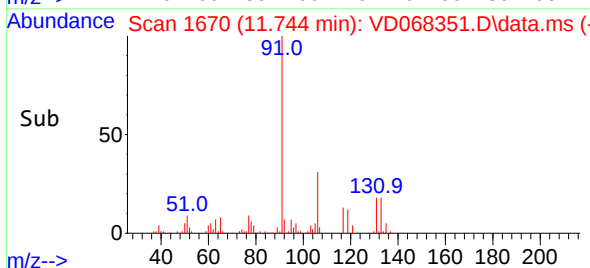
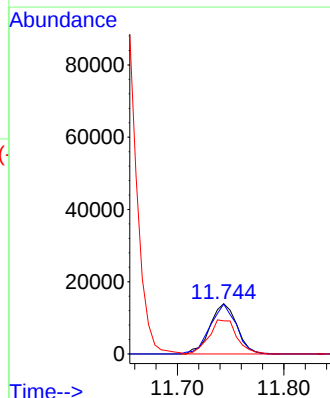
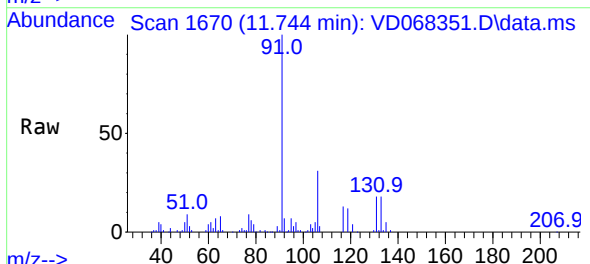
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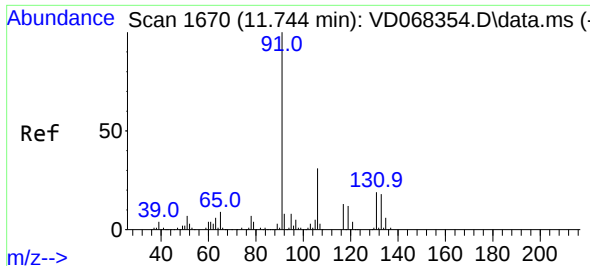
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.74 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion:131 Resp: 24346
Ion Ratio Lower Upper
131 100
133 96.6 48.1 144.4
119 70.0 31.6 94.8





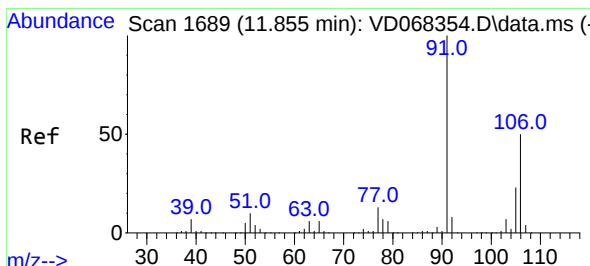
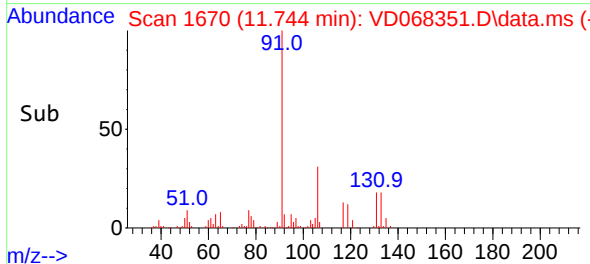
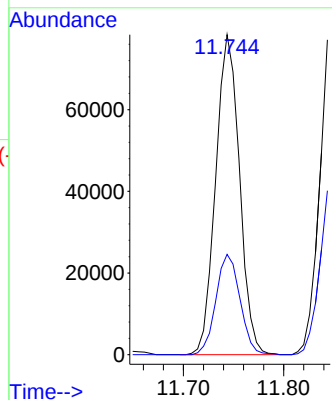
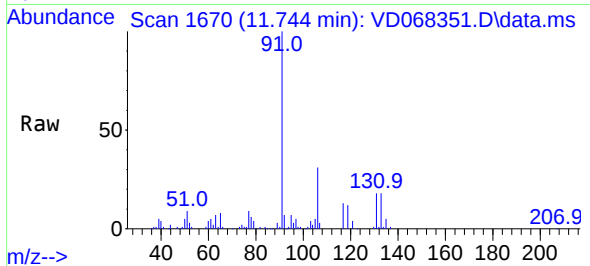
#67
Ethyl Benzene
Concen: 4.78 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 91 Resp: 129097
Ion Ratio Lower Upper
91 100
106 31.4 25.9 38.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

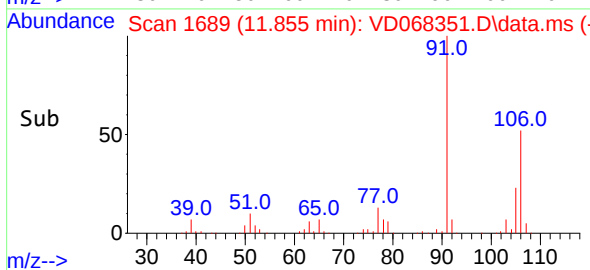
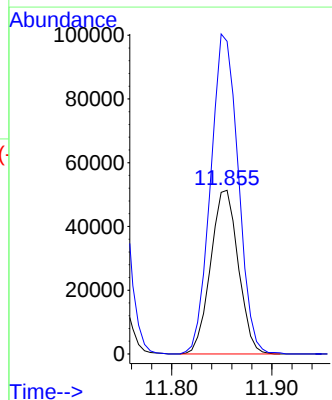
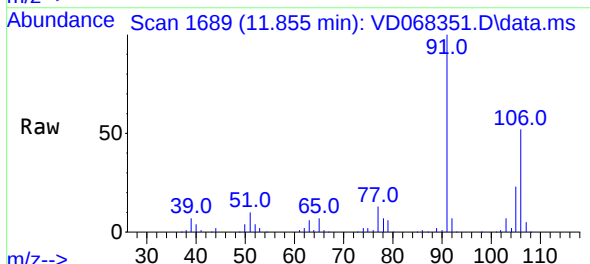
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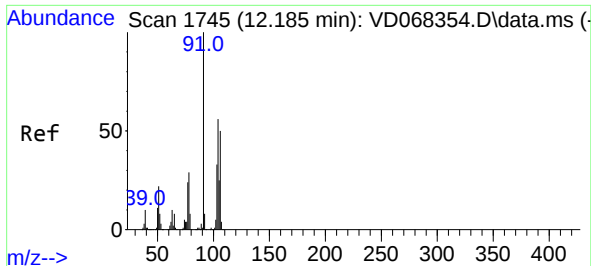
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#68
m/p-Xylenes
Concen: 9.66 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion:106 Resp: 98423
Ion Ratio Lower Upper
106 100
91 195.4 159.1 238.7





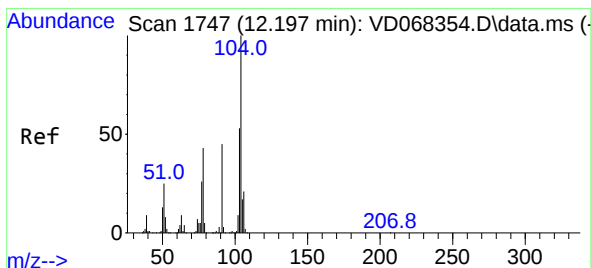
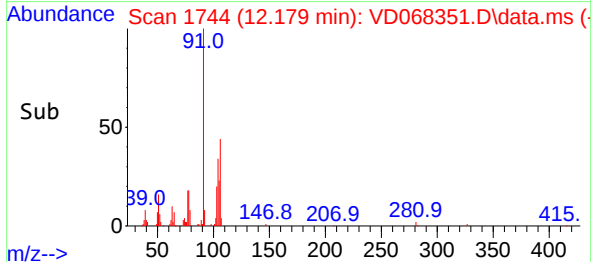
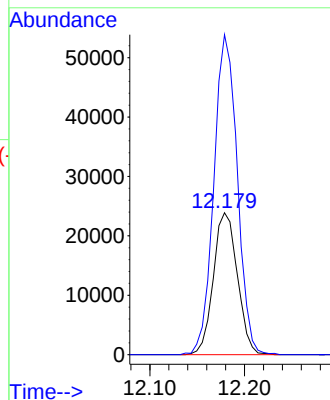
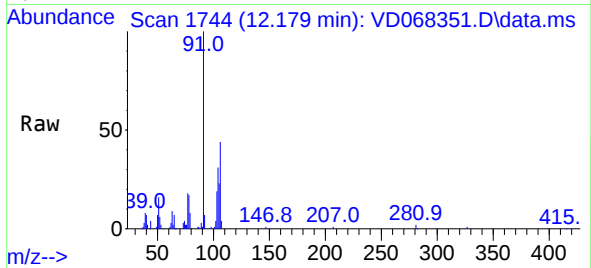
#69
o-Xylene
Concen: 4.45 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion:106 Resp: 42159
Ion Ratio Lower Upper
106 100
91 220.2 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

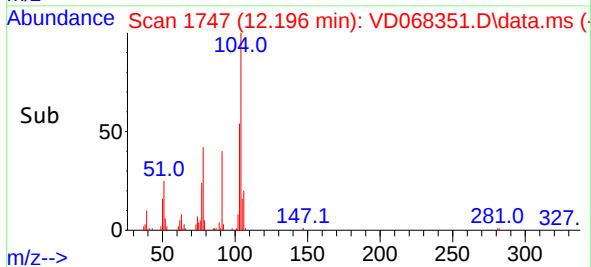
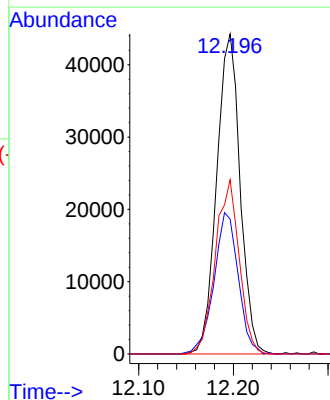
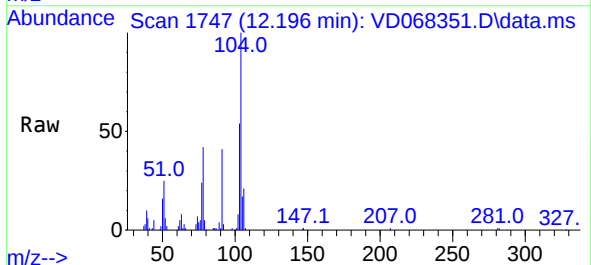
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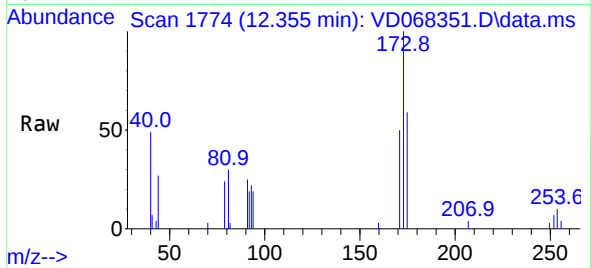
#70
Styrene
Concen: 4.71 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion:104 Resp: 76031
Ion Ratio Lower Upper
104 100
78 45.8 38.2 57.2
103 55.4 43.1 64.7

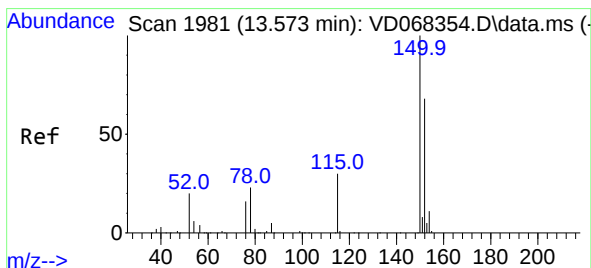
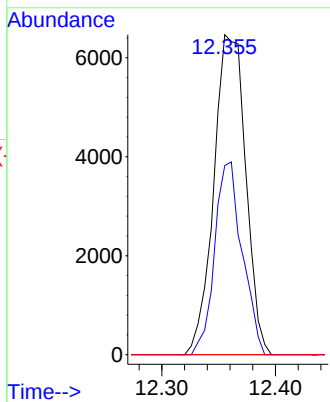
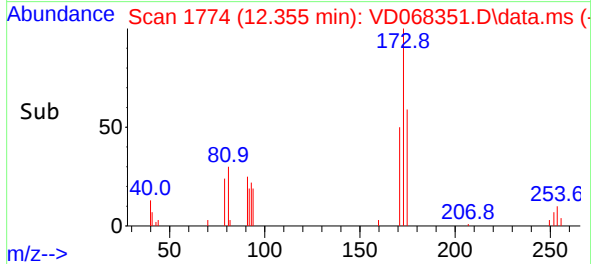




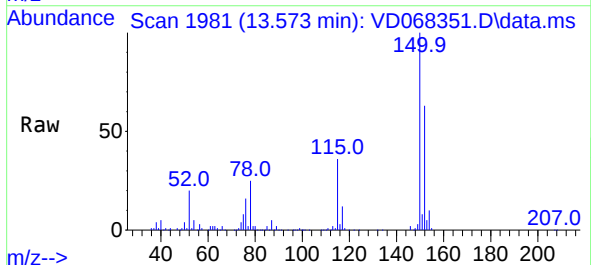
#71
Bromoform
Concen: 4.82 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17



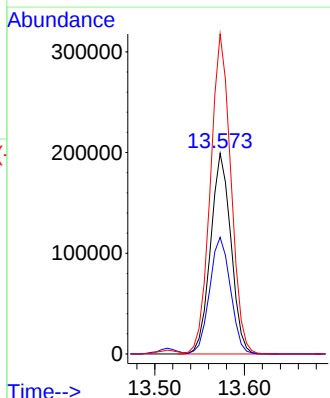
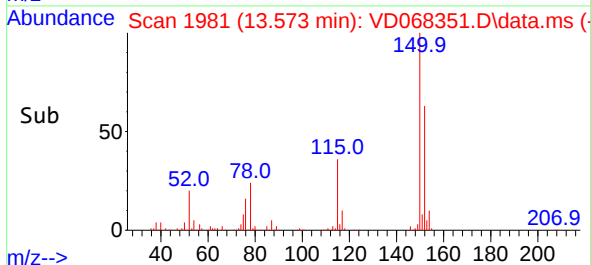
Tgt Ion:173 Resp: 12611
Ion Ratio Lower Upper
173 100
175 52.0 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17



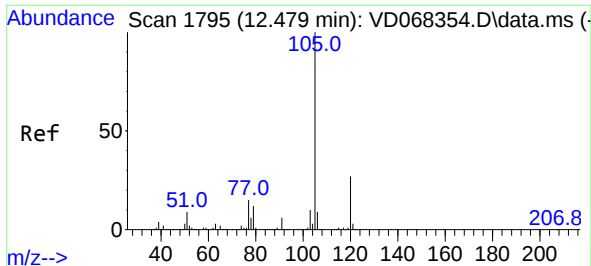
Tgt Ion:152 Resp: 313824
Ion Ratio Lower Upper
152 100
115 59.4 28.9 86.8
150 160.4 0.0 344.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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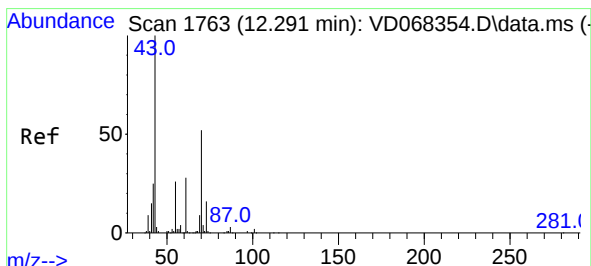
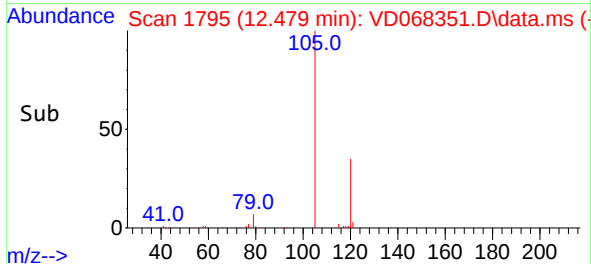
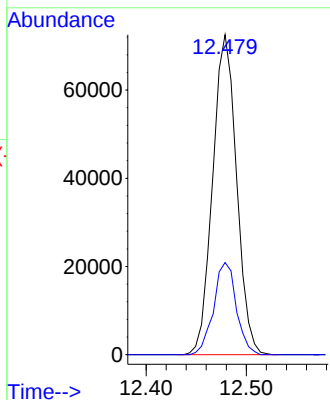
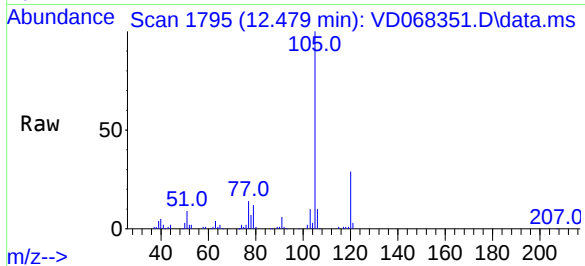
#73
Isopropylbenzene
Concen: 4.72 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 120079
Ion Ratio Lower Upper
105 100
120 27.4 13.2 39.6

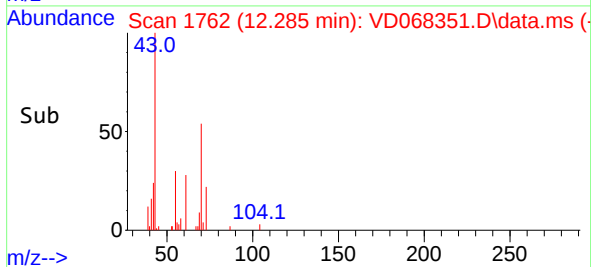
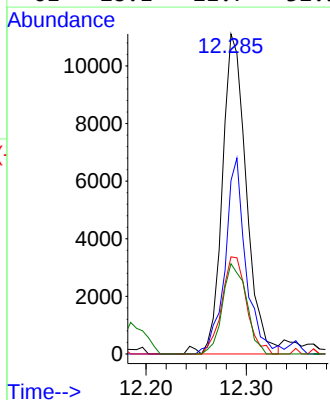
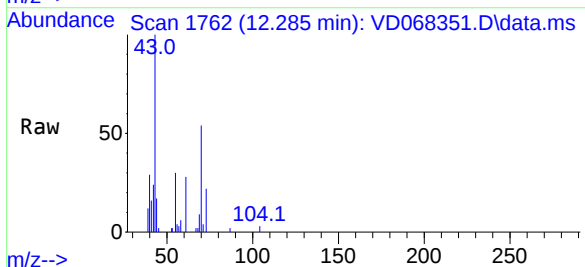
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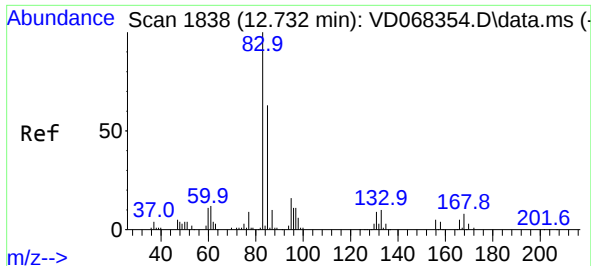
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#74
N-ethyl acetate
Concen: 3.53 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 43 Resp: 18340
Ion Ratio Lower Upper
43 100
70 53.6 41.8 62.8
55 31.4 24.2 36.4
61 28.1 21.7 32.5





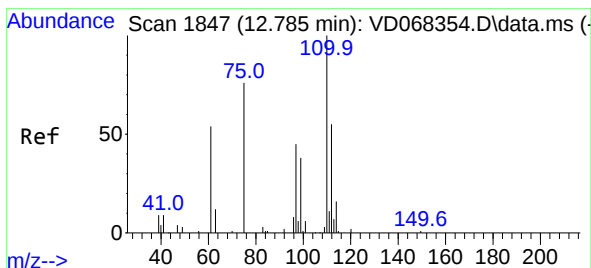
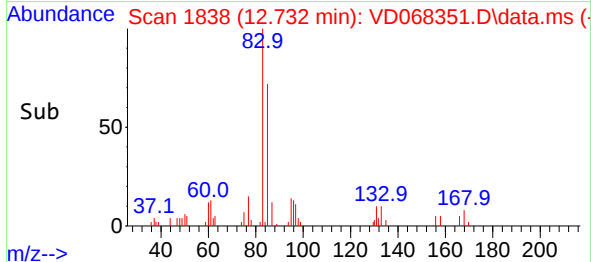
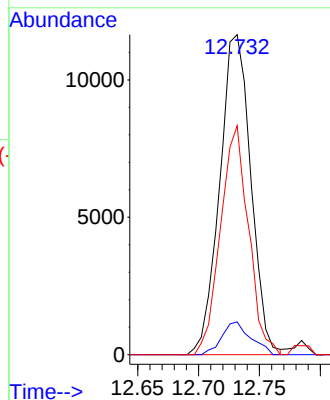
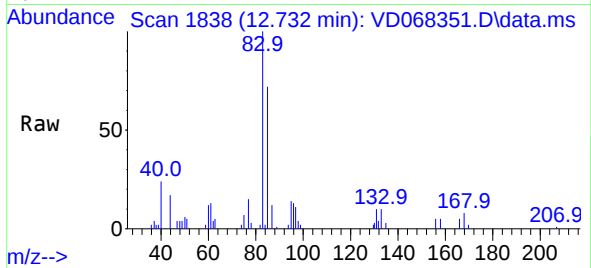
#75
1,1,2,2-Tetrachloroethane
Concen: 5.08 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 83 Resp: 20720
Ion Ratio Lower Upper
83 100
131 9.5 5.8 17.4
85 64.3 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

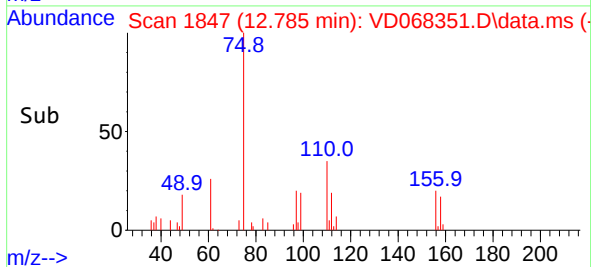
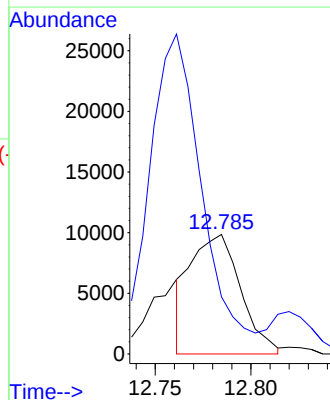
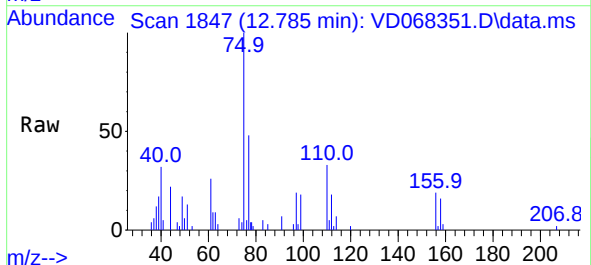
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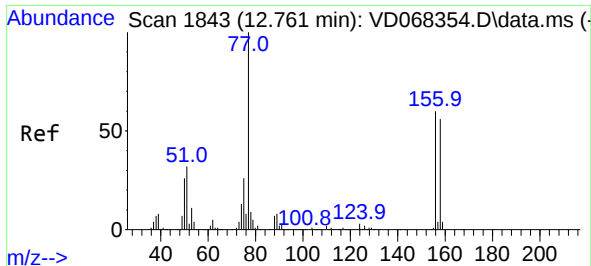
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#76
1,2,3-Trichloropropane
Concen: 6.08 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 75 Resp: 17861
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





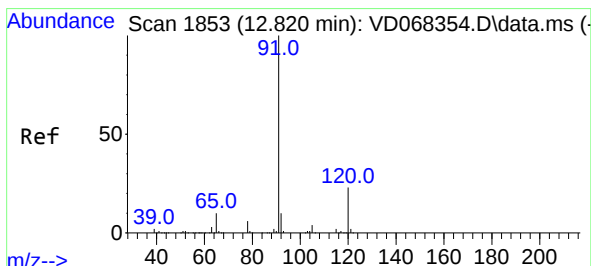
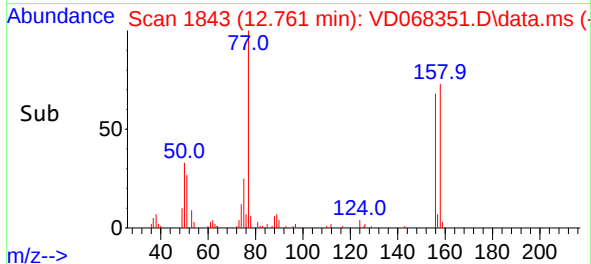
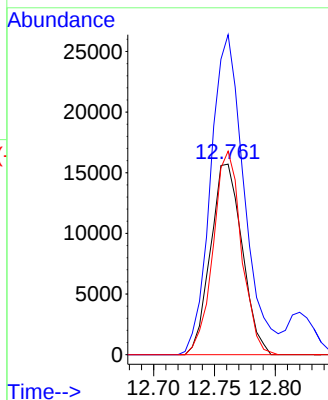
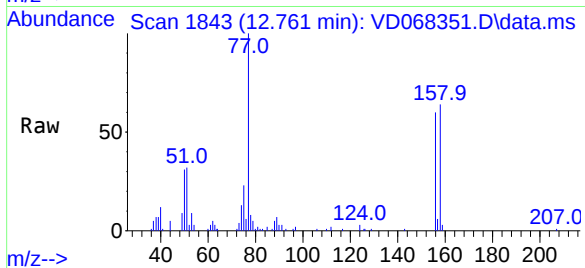
#77
Bromobenzene
Concen: 5.21 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 156 Resp: 28426
Ion Ratio Lower Upper
156 100
77 178.2 82.8 248.3
158 95.6 48.0 144.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

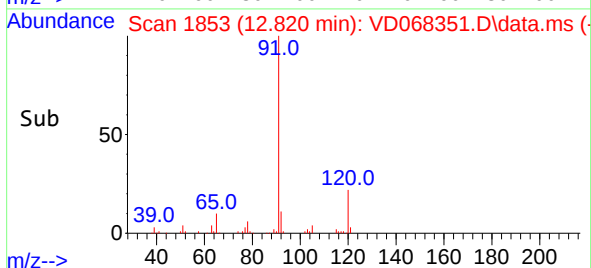
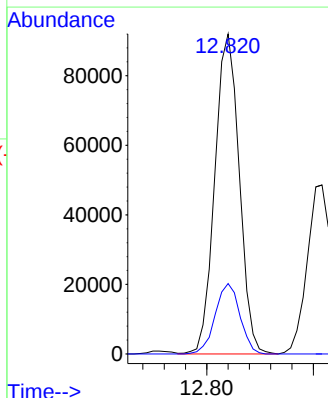
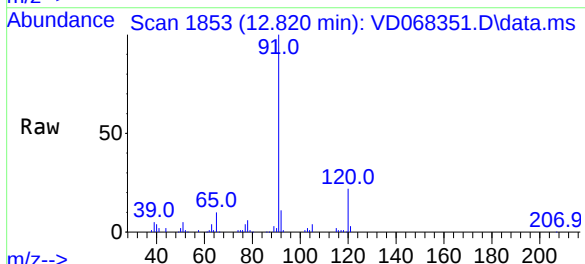
Manual Integrations
APPROVED

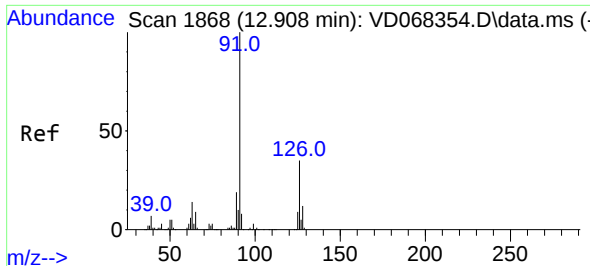
MMDadoda
2/15/2021 10:25:18 AM



#78
n-propylbenzene
Concen: 4.86 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 91 Resp: 146351
Ion Ratio Lower Upper
91 100
120 22.3 12.0 36.0





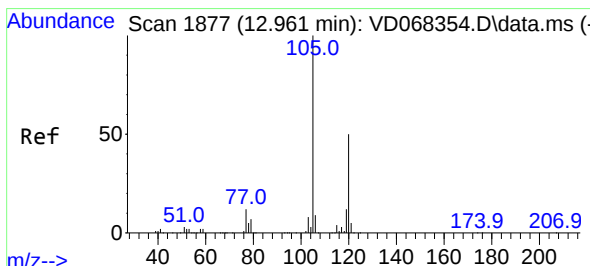
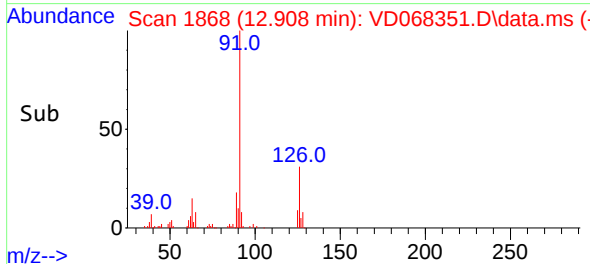
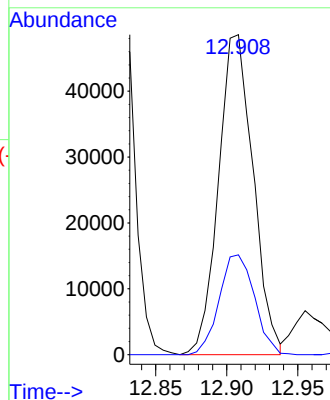
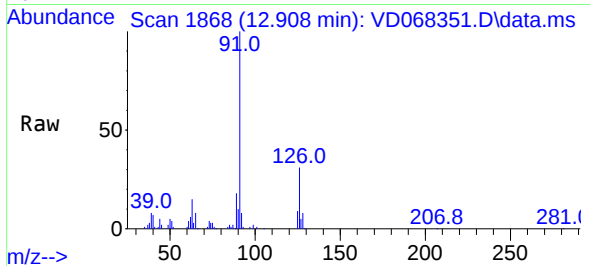
#79
2-Chlorotoluene
Concen: 4.88 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 91 Resp: 82469
Ion Ratio Lower Upper
91 100
126 31.8 17.8 53.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

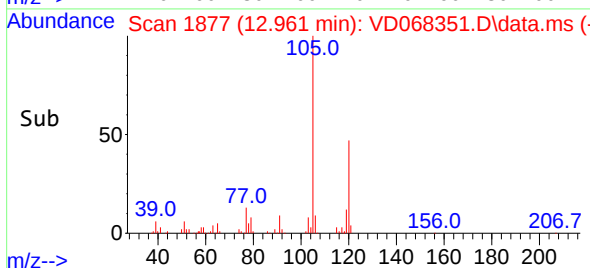
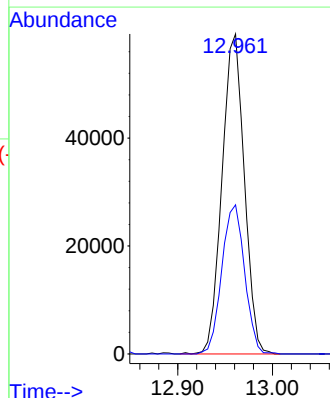
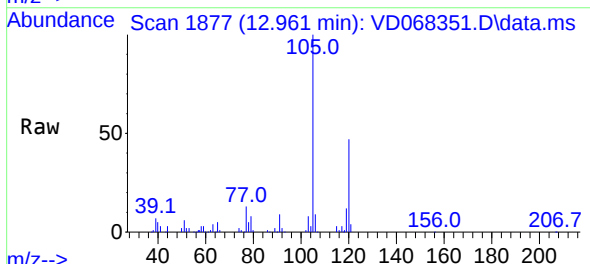
Manual Integrations
APPROVED

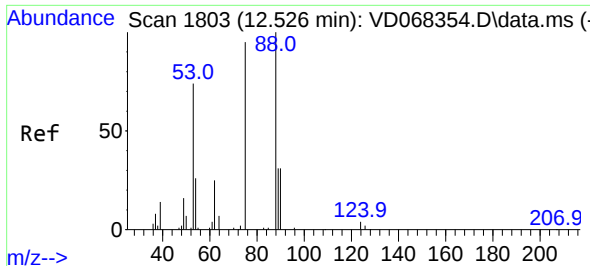
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 4.59 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

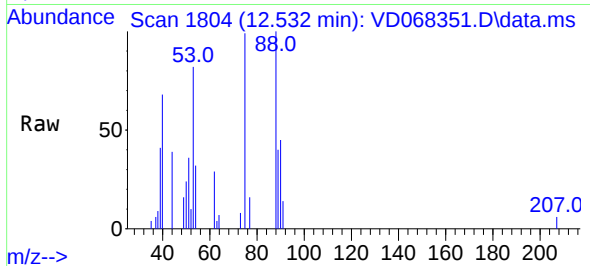
Tgt Ion: 105 Resp: 97040
Ion Ratio Lower Upper
105 100
120 47.7 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 3.84 ug/l
RT: 12.532 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

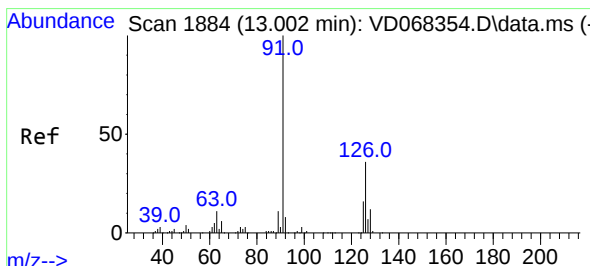
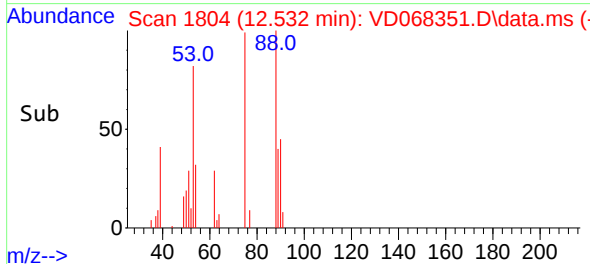
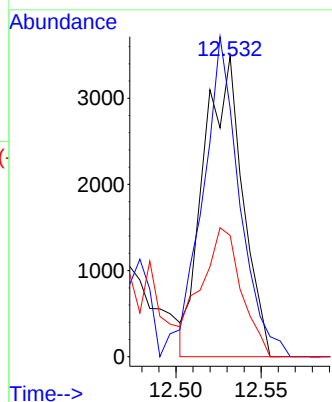
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 5541
Ion Ratio Lower Upper
75 100
53 101.7 70.2 105.2
89 44.2 40.3 60.5

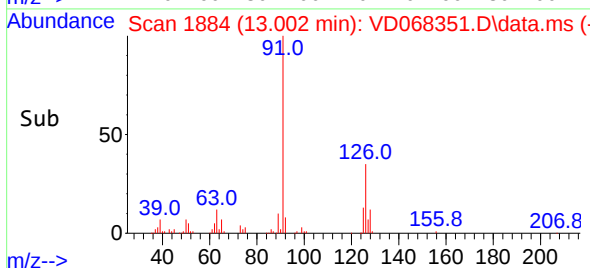
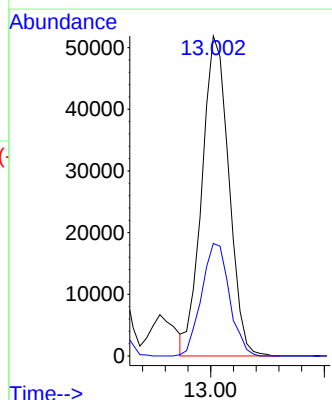
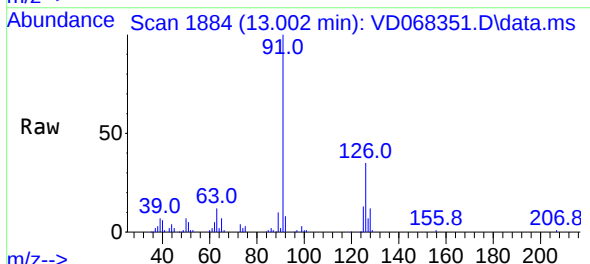
Manual Integrations
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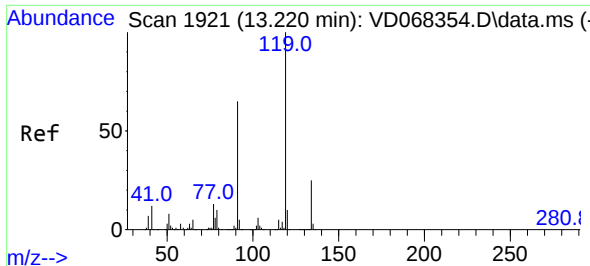
MMDadoda
2/15/2021 10:25:18 AM



#82
4-Chlorotoluene
Concen: 4.86 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion: 91 Resp: 85370
Ion Ratio Lower Upper
91 100
126 36.3 17.7 53.1





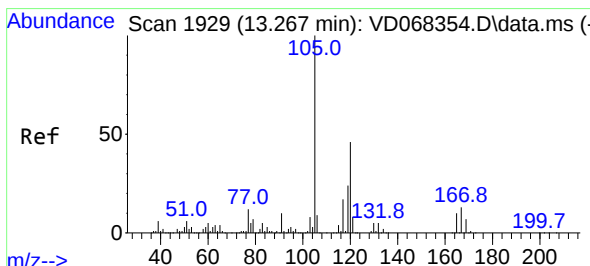
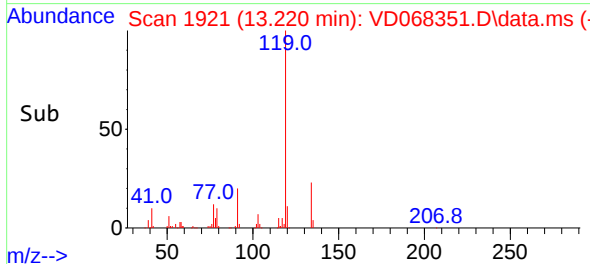
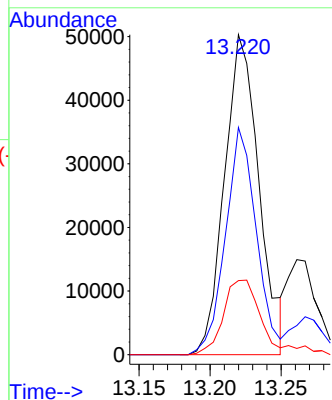
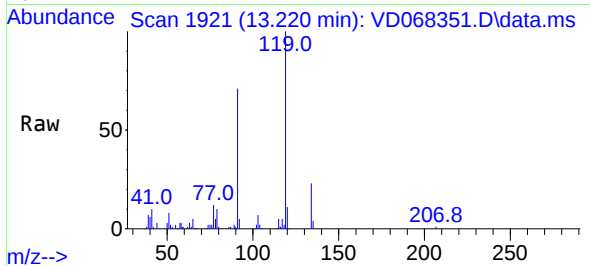
#83
tert-Butylbenzene
Concen: 4.73 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion:119 Resp: 84867
Ion Ratio Lower Upper
119 100
91 63.7 31.1 93.5
134 26.3 13.3 39.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

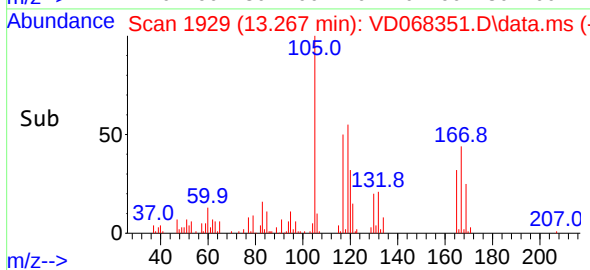
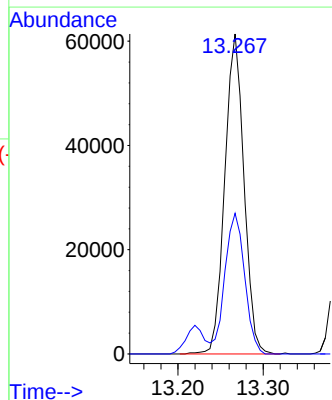
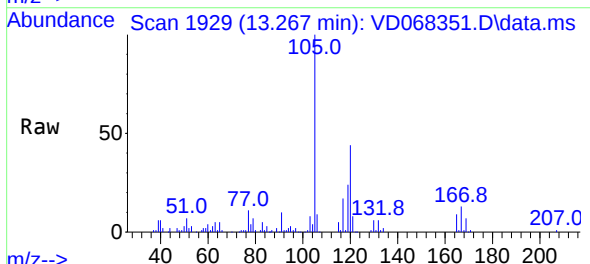
Manual Integrations
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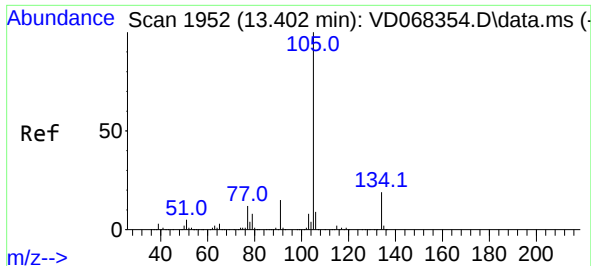
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#84
1,2,4-Trimethylbenzene
Concen: 4.56 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion:105 Resp: 95841
Ion Ratio Lower Upper
105 100
120 45.2 22.4 67.0





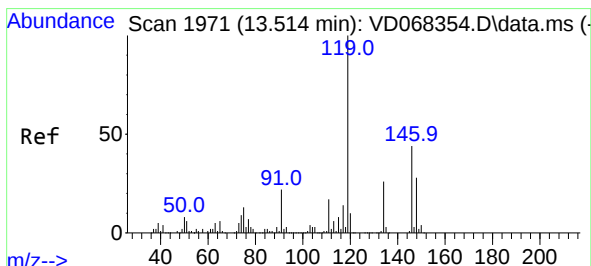
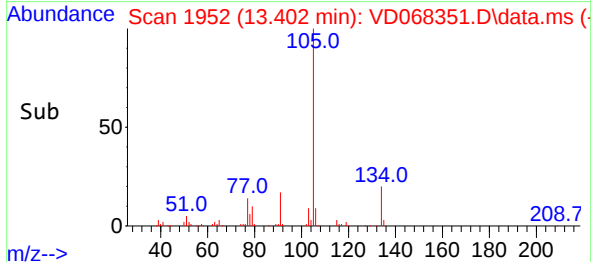
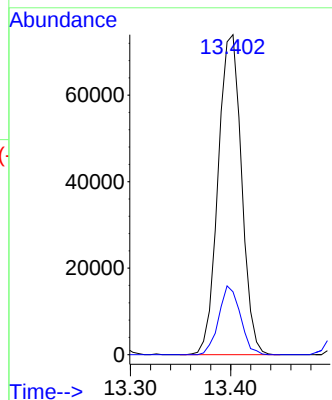
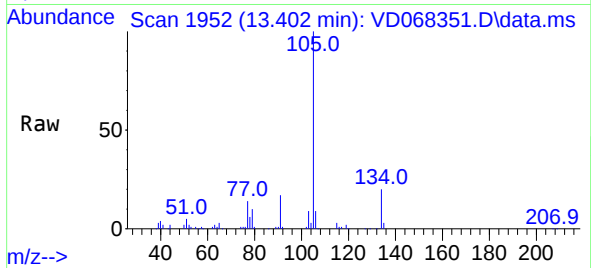
#85
sec-Butylbenzene
Concen: 4.76 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 120100
Ion Ratio Lower Upper
105 100
134 19.8 10.3 30.9

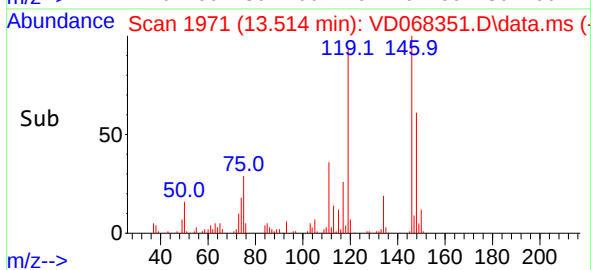
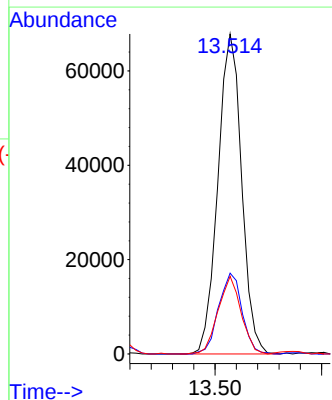
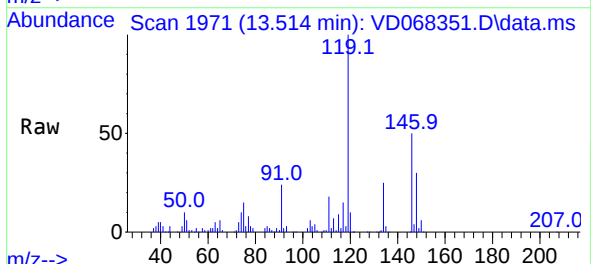
Manual Integrations
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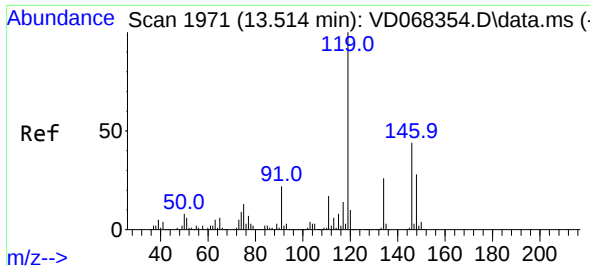
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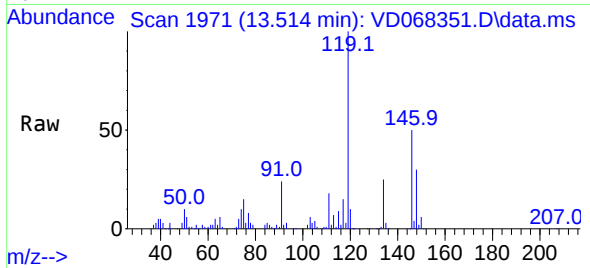
#86
p-Isopropyltoluene
Concen: 4.57 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

Tgt Ion:119 Resp: 104581
Ion Ratio Lower Upper
119 100
134 25.0 12.9 38.7
91 23.5 11.7 35.0

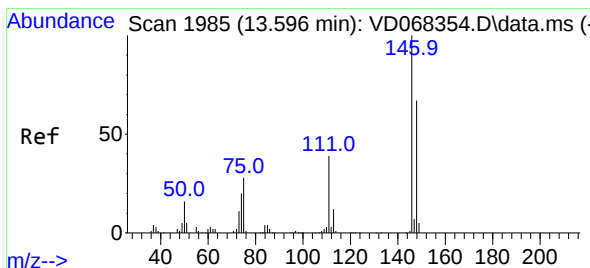
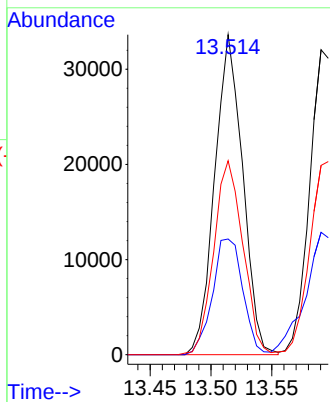
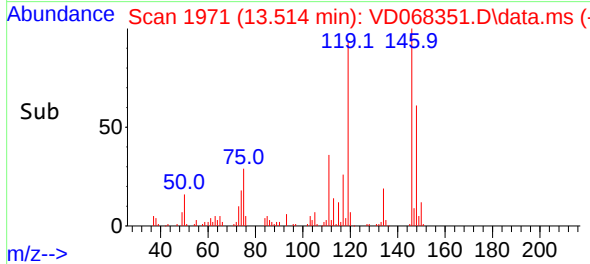




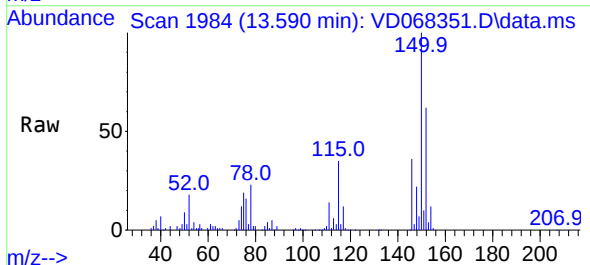
#87
1,3-Dichlorobenzene
Concen: 5.11 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17



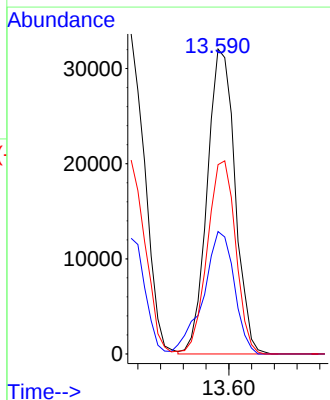
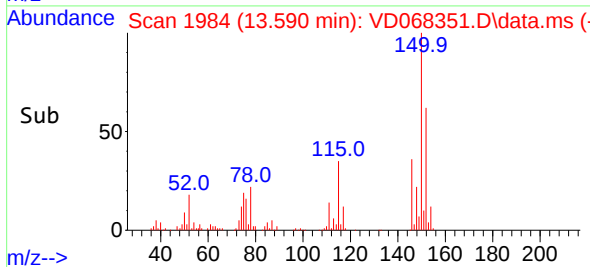
Tgt Ion:146 Resp: 53865
Ion Ratio Lower Upper
146 100
111 39.3 19.5 58.5
148 63.1 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 5.26 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. -0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17



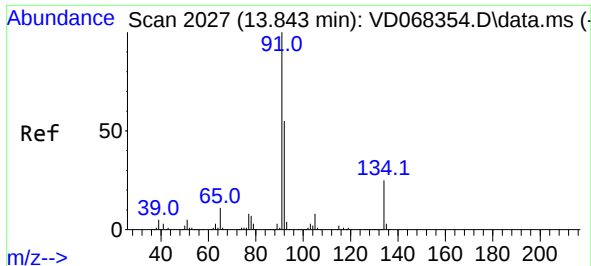
Tgt Ion:146 Resp: 54529
Ion Ratio Lower Upper
146 100
111 44.7 19.1 57.1
148 64.6 31.9 95.7



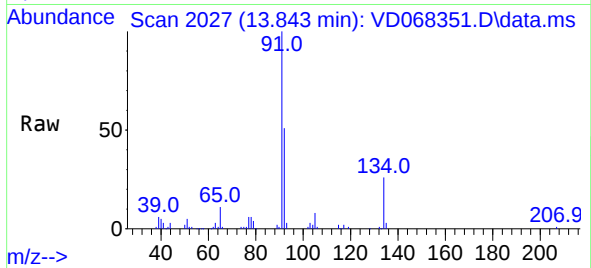
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

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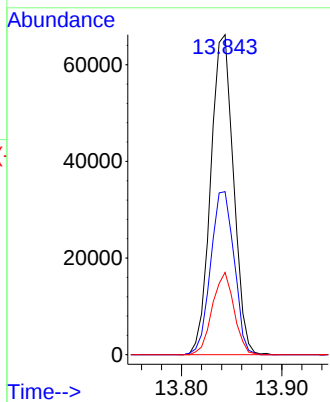
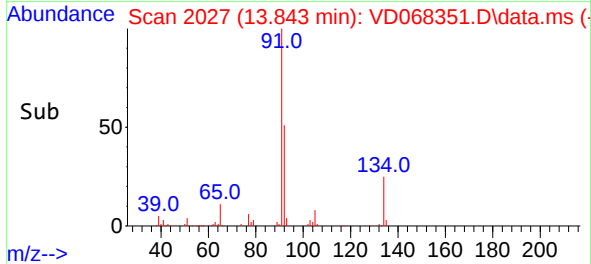
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#89
n-Butylbenzene
Concen: 4.76 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17



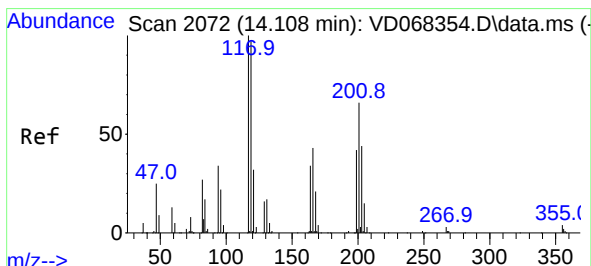
Tgt Ion: 91 Resp: 104518
Ion Ratio Lower Upper
91 100
92 52.5 27.2 81.6
134 24.5 13.9 41.7



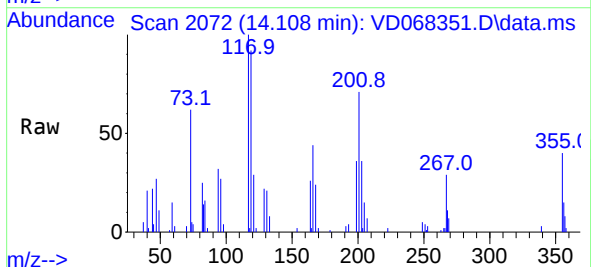
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

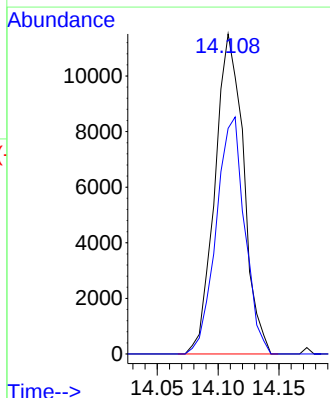
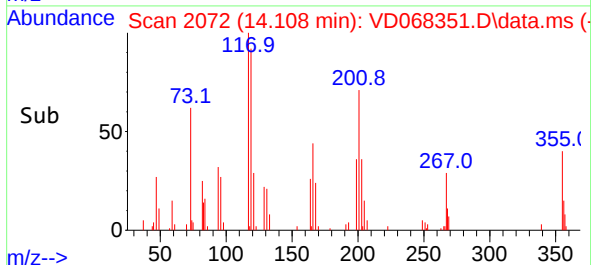
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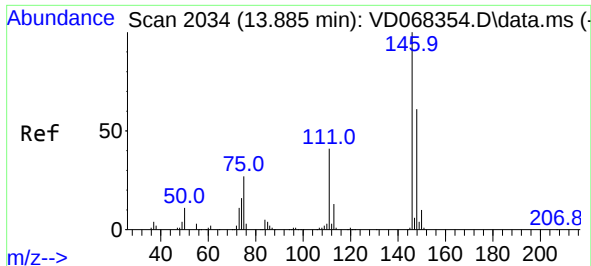


#90
Hexachloroethane
Concen: 4.59 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17



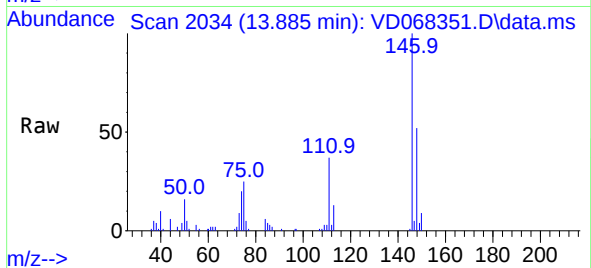
Tgt Ion: 117 Resp: 18857
Ion Ratio Lower Upper
117 100
201 73.7 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 5.07 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

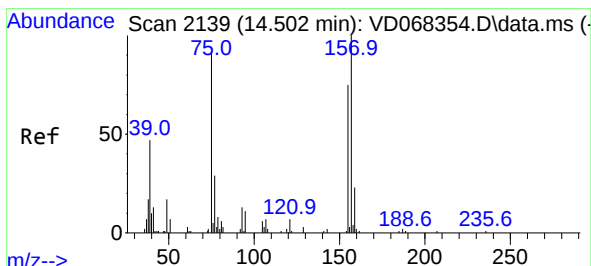
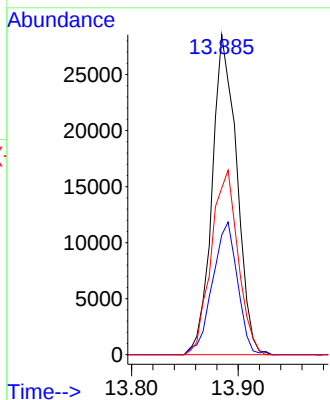
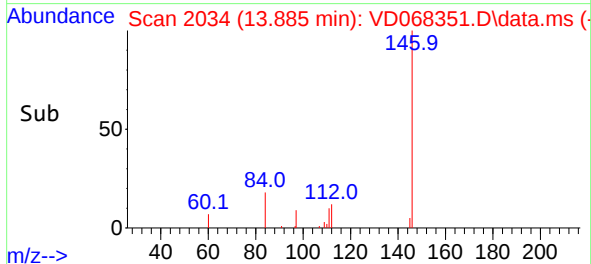
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



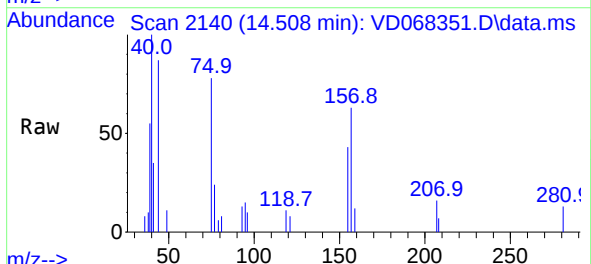
Tgt Ion:146 Resp: 45768
Ion Ratio Lower Upper
146 100
111 42.3 20.3 60.9
148 62.9 31.7 95.1

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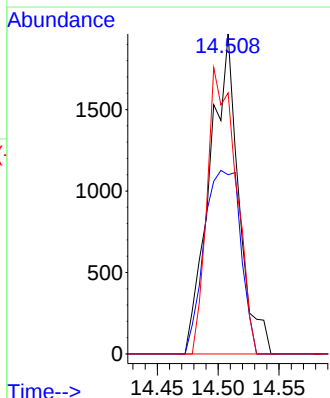
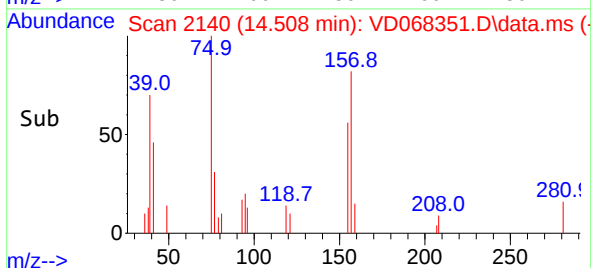
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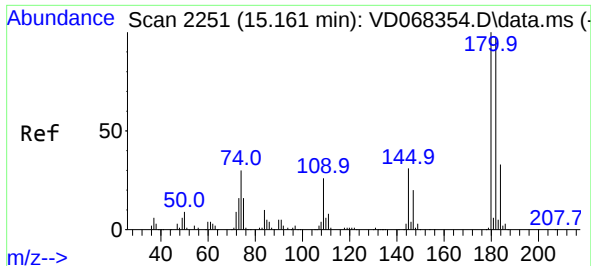


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.92 ug/l
RT: 14.508 min Scan# 2140
Delta R.T. 0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17



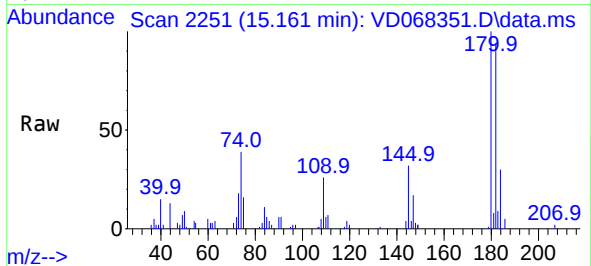
Tgt Ion: 75 Resp: 3256
Ion Ratio Lower Upper
75 100
155 72.1 48.0 144.2
157 88.5 65.0 194.8





#93
1,2,4-Trichlorobenzene
Concen: 4.61 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

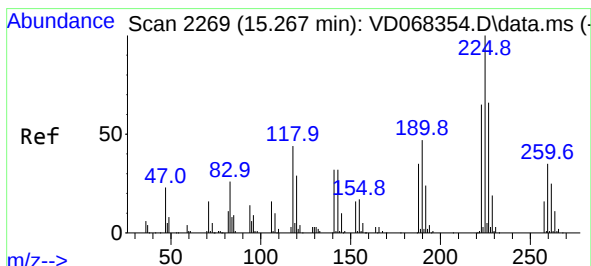
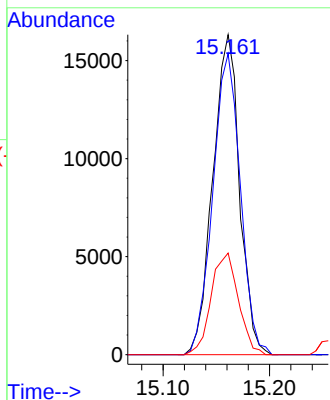
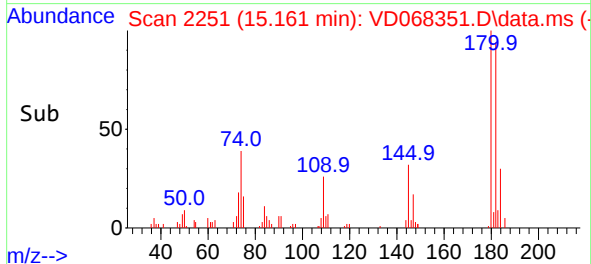
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



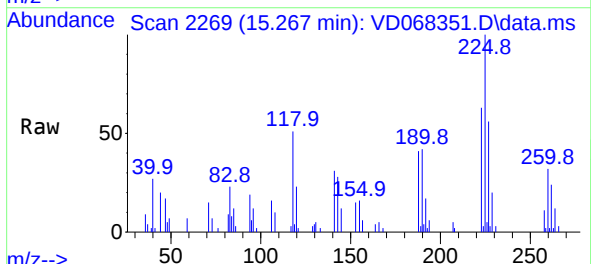
Tgt Ion:180 Resp: 28401
Ion Ratio Lower Upper
180 100
182 96.8 46.8 140.4
145 32.4 15.2 45.5

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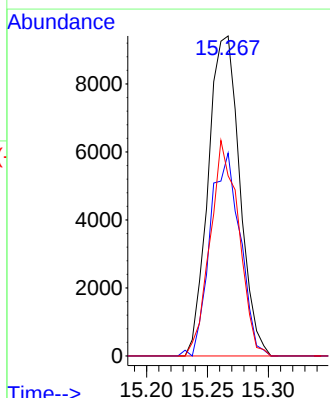
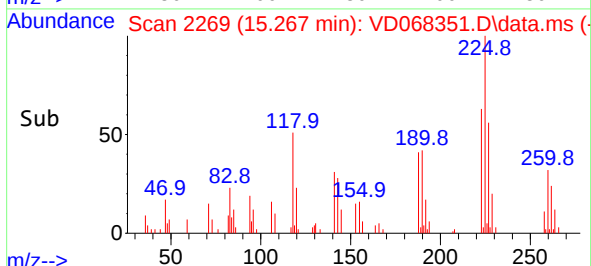
MMDadoda
2/15/2021 10:25:18 AM

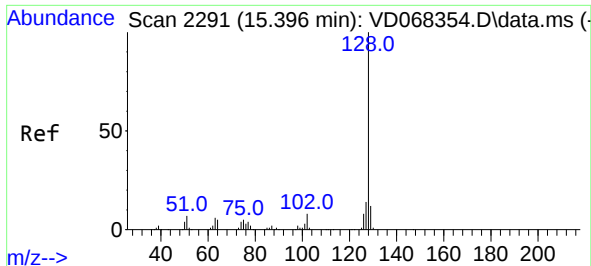


#94
Hexachlorobutadiene
Concen: 4.95 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17

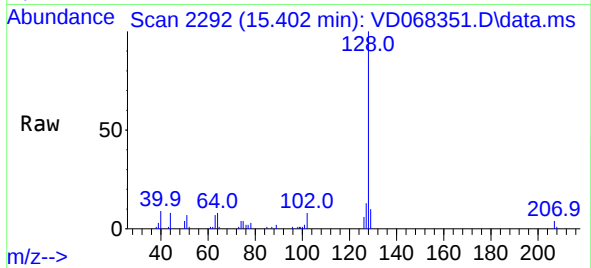


Tgt Ion:225 Resp: 16925
Ion Ratio Lower Upper
225 100
223 60.8 31.9 95.5
227 61.0 32.1 96.5

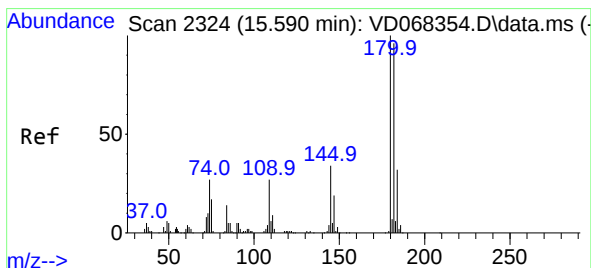
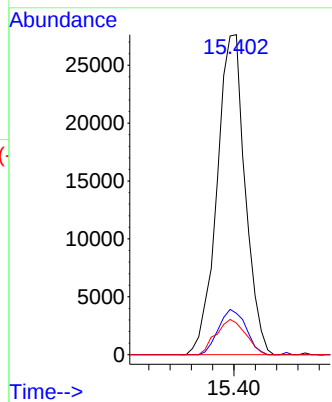
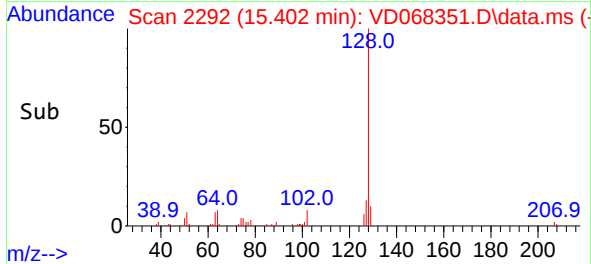




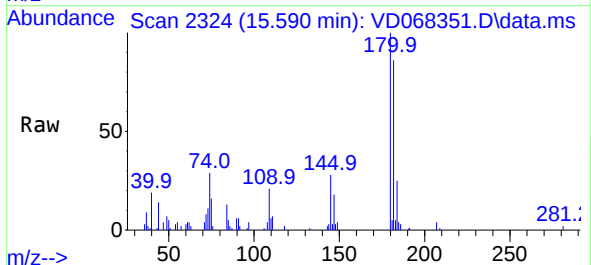
#95
Naphthalene
Concen: 4.38 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.006 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17



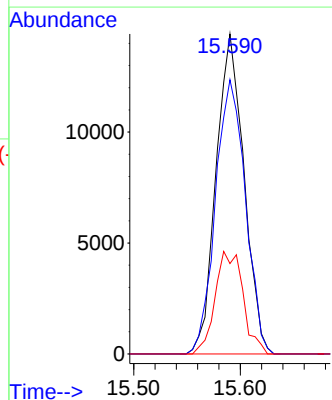
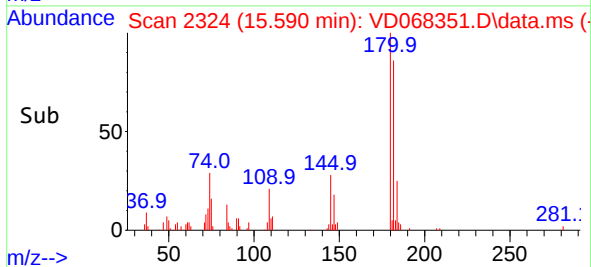
Tgt Ion:128 Resp: 50693
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.2
129 11.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 5.03 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VD068351.D
Acq: 12 Feb 2021 10:17



Tgt Ion:180 Resp: 26235
Ion Ratio Lower Upper
180 100
182 91.9 48.3 144.8
145 32.0 16.7 50.1



Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
2/15/2021 10:25:18 AM