

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022123\Not Reviewed Data\
 Data File : VD075376.D
 Acq On : 21 Feb 2023 12:05
 Operator : KP/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Feb 21 18:06:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 16:26:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	58275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	94874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	87389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	43152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	12333	22.855	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	45.700%#
35) Dibromofluoromethane	7.805	113	12475	22.150	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	44.300%#
50) Toluene-d8	10.269	98	45950	22.607	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	45.220%#
62) 4-Bromofluorobenzene	12.575	95	14849	21.756	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	43.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	14684	22.539	ug/l	95
3) Chloromethane	2.152	50	20163	21.153	ug/l	95
4) Vinyl Chloride	2.281	62	20739	20.495	ug/l	95
5) Bromomethane	2.675	94	10934	19.029	ug/l	98
6) Chloroethane	2.834	64	13657	19.530	ug/l	95
7) Trichlorofluoromethane	3.175	101	24346	20.484	ug/l	94
8) Diethyl Ether	3.599	74	5434	19.636	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.969	101	13848	20.443	ug/l	97
10) Methyl Iodide	4.164	142	10922	18.719	ug/l	94
11) Tert butyl alcohol	5.040	59	3162	67.855	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	12668	20.059	ug/l	91
13) Acrolein	3.793	56	1934	138.642	ug/l	98
14) Allyl chloride	4.564	41	19864	19.891	ug/l	97
15) Acrylonitrile	5.258	53	13591	101.722	ug/l	96
16) Acetone	4.022	43	14759	97.858	ug/l	99
17) Carbon Disulfide	4.269	76	45033	20.246	ug/l	98
18) Methyl Acetate	4.558	43	9485	20.069	ug/l	97
19) Methyl tert-butyl Ether	5.322	73	25318	19.801	ug/l	97
20) Methylene Chloride	4.799	84	17775	20.901	ug/l	92
21) trans-1,2-Dichloroethene	5.311	96	14759	20.907	ug/l	88
22) Diisopropyl ether	6.216	45	37248	19.526	ug/l	94
23) Vinyl Acetate	6.158	43	56051	101.198	ug/l	99
24) 1,1-Dichloroethane	6.116	63	24921	19.894	ug/l	96
25) 2-Butanone	7.087	43	18227	96.909	ug/l	94
26) 2,2-Dichloropropane	7.075	77	20746	19.042	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	15122	20.137	ug/l	97
28) Bromochloromethane	7.434	49	6078	21.602	ug/l #	96
29) Tetrahydrofuran	7.446	42	10435	98.368	ug/l	95
30) Chloroform	7.599	83	25110	19.961	ug/l	95
31) Cyclohexane	7.881	56	23279	19.682	ug/l #	92
32) 1,1,1-Trichloroethane	7.799	97	23845	20.592	ug/l	99
36) 1,1-Dichloropropene	8.005	75	20128	19.939	ug/l	99
37) Ethyl Acetate	7.169	43	8254	20.893	ug/l #	98
38) Carbon Tetrachloride	7.993	117	19731	19.508	ug/l	98
39) Methylcyclohexane	9.275	83	22784	19.149	ug/l	89
40) Benzene	8.252	78	54571	19.748	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	4235	18.691	ug/l #	91
42) 1,2-Dichloroethane	8.322	62	15764	20.430	ug/l	99
43) Isopropyl Acetate	8.363	43	14890	20.059	ug/l	97
44) Trichloroethene	9.034	130	14663	19.807	ug/l	90
45) 1,2-Dichloropropane	9.305	63	13596	20.175	ug/l #	87
46) Dibromomethane	9.399	93	7330	19.976	ug/l	97
47) Bromodichloromethane	9.581	83	18800	20.133	ug/l	92
48) Methyl methacrylate	9.381	41	7666	20.544	ug/l	94
49) 1,4-Dioxane	9.393	88	1256	396.742	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	37083	98.642	ug/l	99
52) Toluene	10.334	92	33841	19.890	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	14280	18.680	ug/l	98
54) cis-1,3-Dichloropropene	10.022	75	17903	19.317	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	9576	20.144	ug/l	97
56) Ethyl methacrylate	10.599	69	9745	18.421	ug/l	96
57) 1,3-Dichloropropane	10.881	76	16413	20.046	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	10853	100.592	ug/l	100
59) 2-Hexanone	10.922	43	26370	99.405	ug/l	96
60) Dibromochloromethane	11.075	129	11799	19.413	ug/l	98
61) 1,2-Dibromoethane	11.181	107	9200	20.410	ug/l	98
64) Tetrachloroethene	10.810	164	12300	19.664	ug/l	91
65) Chlorobenzene	11.610	112	34915	19.102	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	12982	19.559	ug/l	98
67) Ethyl Benzene	11.687	91	64886	19.574	ug/l	98
68) m/p-Xylenes	11.793	106	51562	39.683	ug/l	96
69) o-Xylene	12.122	106	22585	18.979	ug/l	94
70) Styrene	12.140	104	39810	20.045	ug/l	98
71) Bromoform	12.304	173	6786	19.950	ug/l #	98
73) Isopropylbenzene	12.422	105	61818	18.999	ug/l	98
74) N-amyl acetate	12.240	43	13268	19.048	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	10758	19.730	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	13290	42.588	ug/l #	100
77) Bromobenzene	12.704	156	13914	18.920	ug/l	97
78) n-propylbenzene	12.769	91	78678	19.326	ug/l	100
79) 2-Chlorotoluene	12.851	91	42560	19.359	ug/l	97
80) 1,3,5-Trimethylbenzene	12.910	105	52541	19.512	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.475	75	2117	19.802	ug/l #	89
82) 4-Chlorotoluene	12.951	91	45681	19.695	ug/l	100
83) tert-Butylbenzene	13.169	119	45509	19.496	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	52137	19.603	ug/l	99
85) sec-Butylbenzene	13.345	105	68373	19.013	ug/l	99
86) p-Isopropyltoluene	13.463	119	56687	19.404	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	29494	19.472	ug/l	99
88) 1,4-Dichlorobenzene	13.545	146	29420	19.798	ug/l	98
89) n-Butylbenzene	13.793	91	55638	19.359	ug/l	100
90) Hexachloroethane	14.057	117	11817	20.164	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	25192	19.836	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.457	75	1617	20.523	ug/l	96
93) 1,2,4-Trichlorobenzene	15.104	180	15291	19.801	ug/l	96
94) Hexachlorobutadiene	15.210	225	8890	19.889	ug/l	95
95) Naphthalene	15.334	128	26374	19.304	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	12578	19.263	ug/l	98

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QLast Update : Tue Feb 21 16:26:04 2023
Response via : Initial Calibration

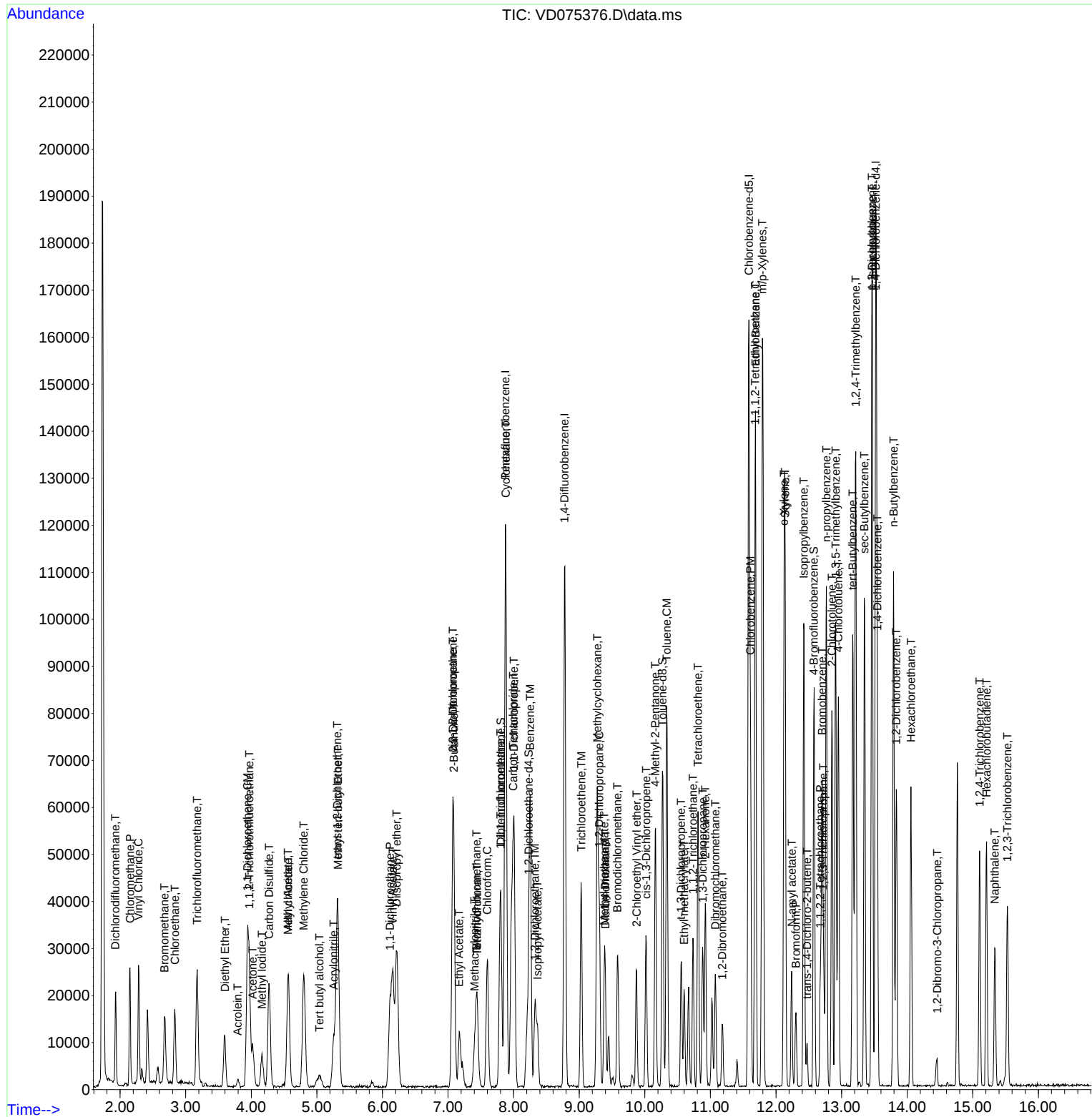
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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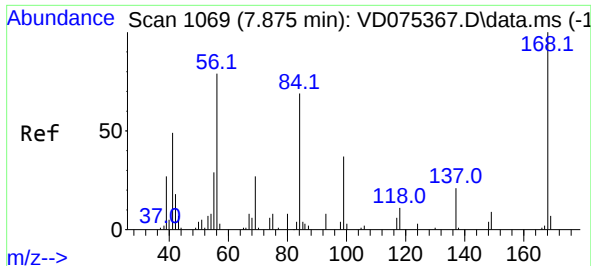
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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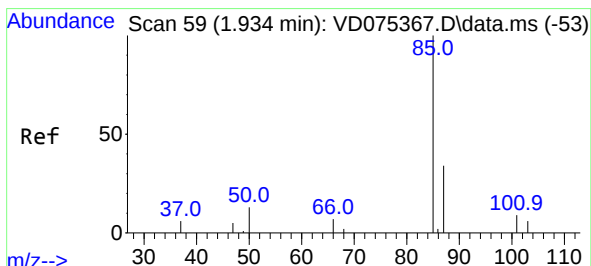
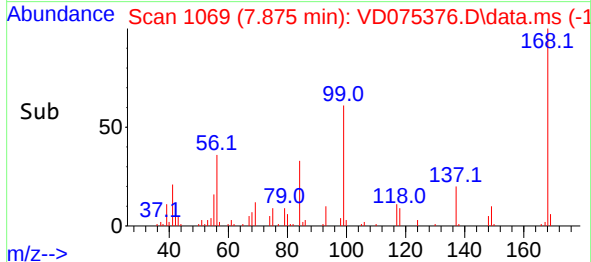
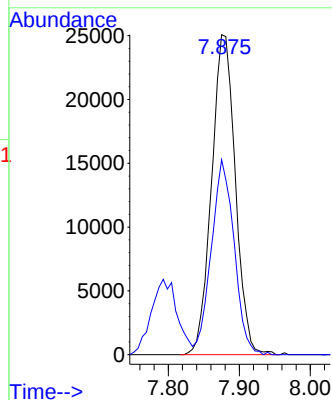
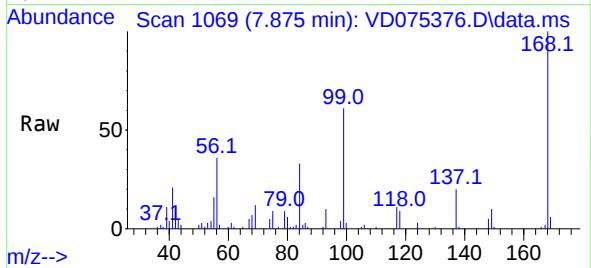




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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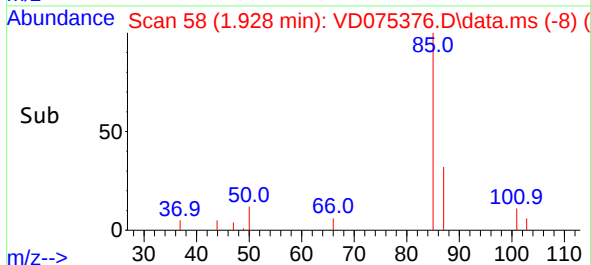
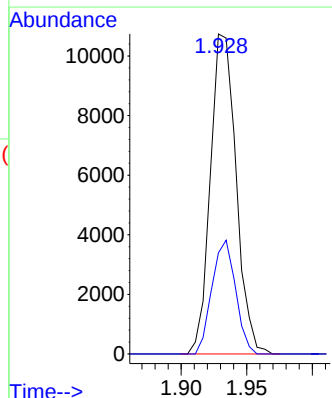
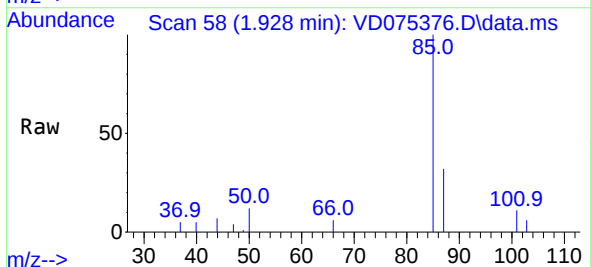
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:168 Resp: 58275
Ion Ratio Lower Upper
168 100
99 60.9 43.8 65.6

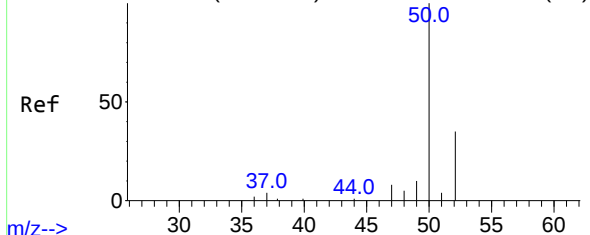


#2
Dichlorodifluoromethane
Concen: 22.539 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 85 Resp: 14684
Ion Ratio Lower Upper
85 100
87 31.6 17.3 51.7



Abundance Scan 95 (2.146 min): VD075367.D\data.ms (-89)



#3

Chloromethane

Concen: 21.153 ug/l

RT: 2.152 min Scan# 9

Delta R.T. 0.006 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

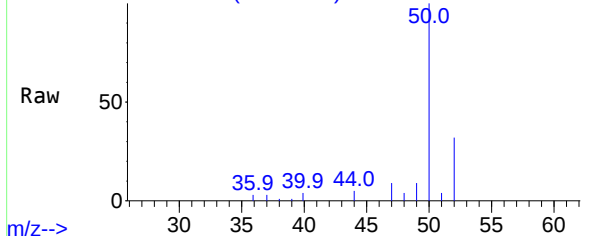
Tgt Ion: 50 Resp: 20163

Ion Ratio Lower Upper

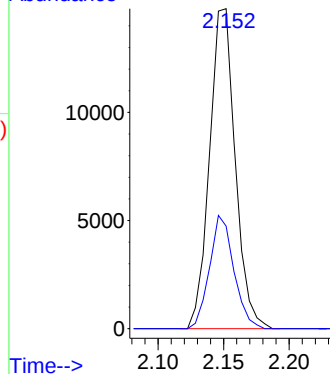
50 100

52 32.1 27.8 41.8

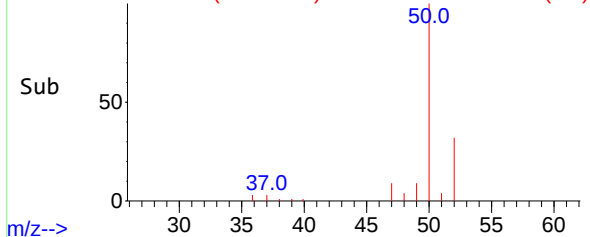
Abundance Scan 96 (2.152 min): VD075376.D\data.ms



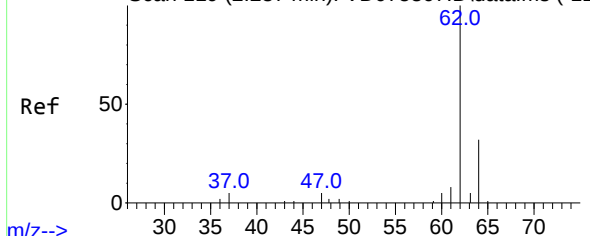
Abundance



Abundance Scan 96 (2.152 min): VD075376.D\data.ms (-44)



Abundance Scan 119 (2.287 min): VD075367.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 20.495 ug/l

RT: 2.281 min Scan# 118

Delta R.T. -0.006 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

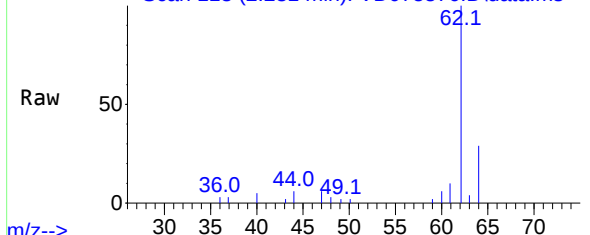
Tgt Ion: 62 Resp: 20739

Ion Ratio Lower Upper

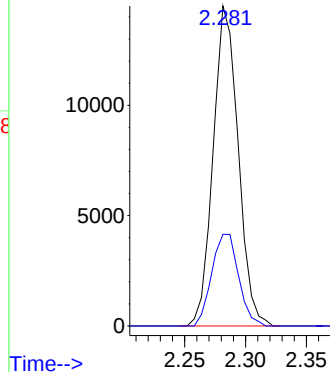
62 100

64 28.7 25.4 38.0

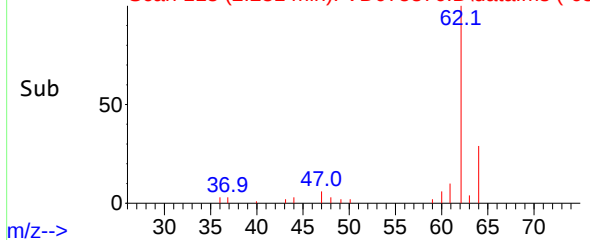
Abundance Scan 118 (2.281 min): VD075376.D\data.ms

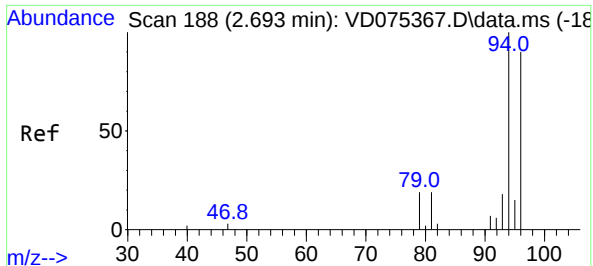


Abundance



Abundance Scan 118 (2.281 min): VD075376.D\data.ms (-68)

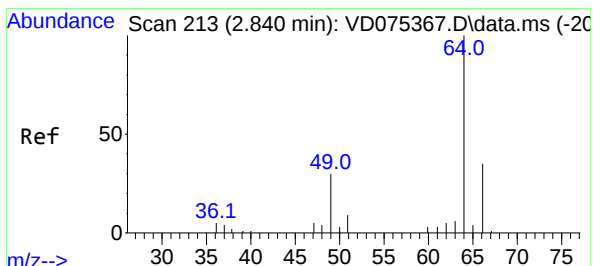
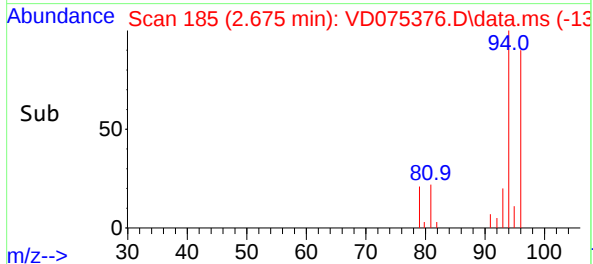
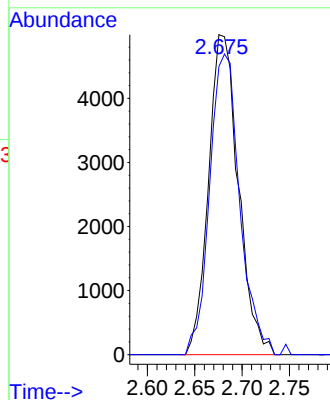
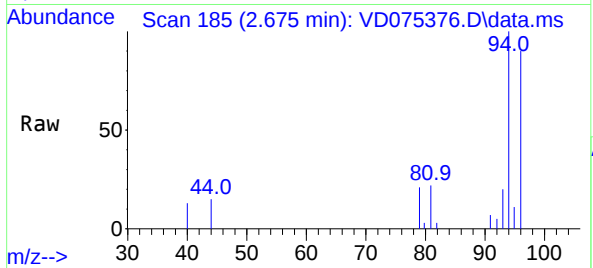




#5
Bromomethane
Concen: 19.029 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

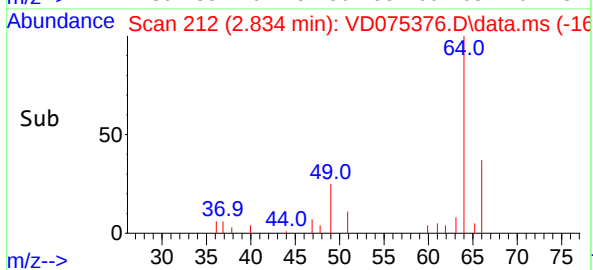
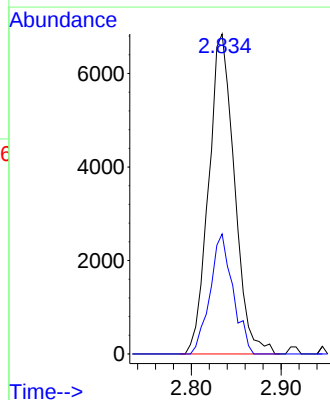
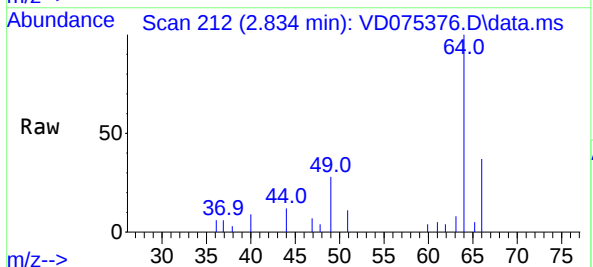
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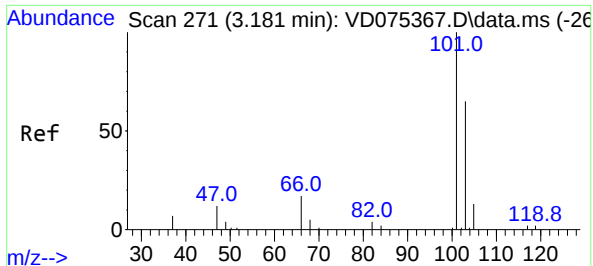
Tgt Ion: 94 Resp: 10934
Ion Ratio Lower Upper
94 100
96 95.0 77.5 116.3



#6
Chloroethane
Concen: 19.530 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 64 Resp: 13657
Ion Ratio Lower Upper
64 100
66 37.5 27.7 41.5

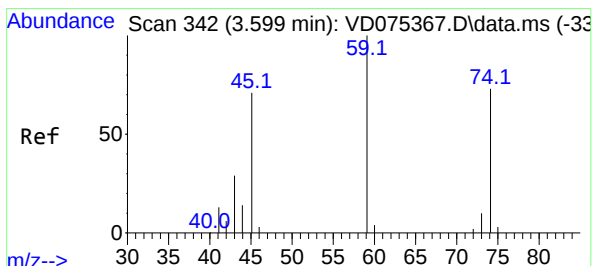
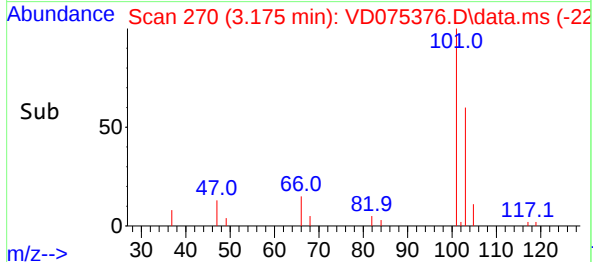
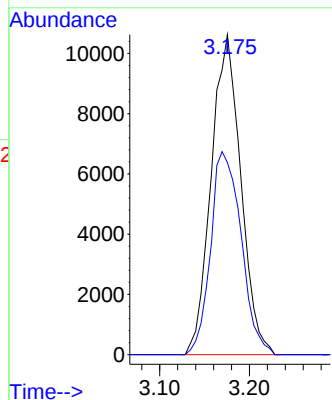
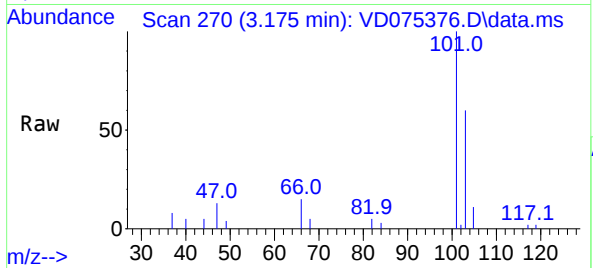




#7
Trichlorofluoromethane
Concen: 20.484 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

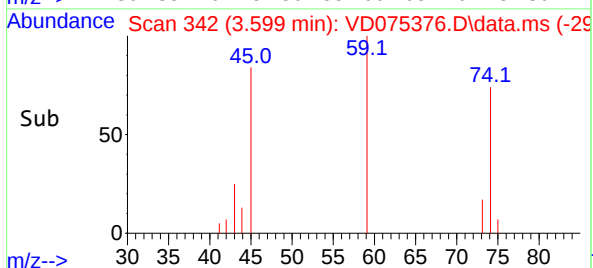
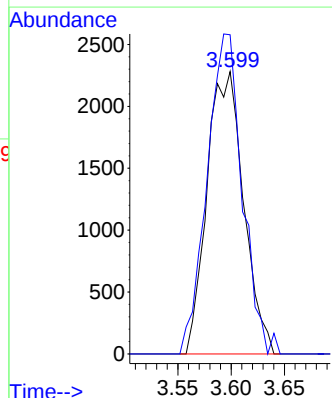
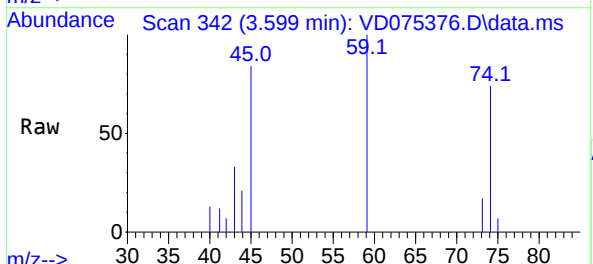
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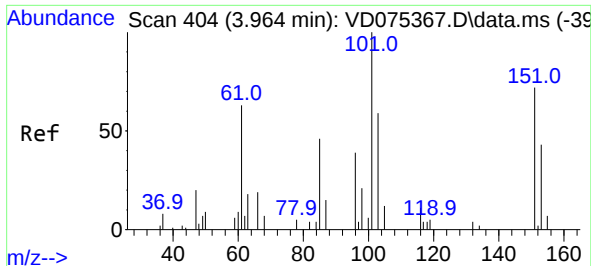
Tgt Ion:101 Resp: 24346
Ion Ratio Lower Upper
101 100
103 60.1 51.9 77.9



#8
Diethyl Ether
Concen: 19.636 ug/l
RT: 3.599 min Scan# 342
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 74 Resp: 5434
Ion Ratio Lower Upper
74 100
45 109.0 50.9 152.7

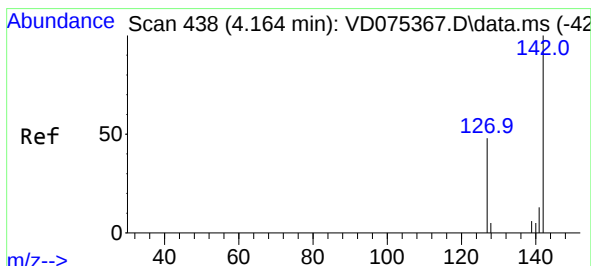
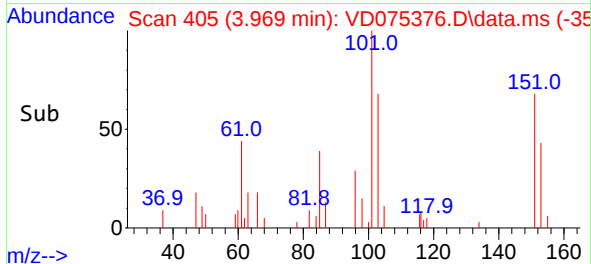
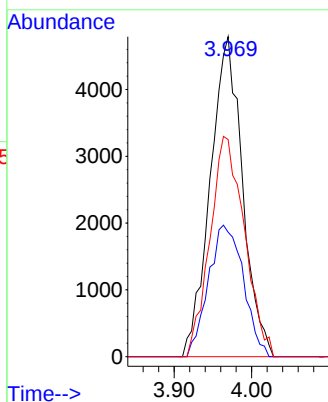
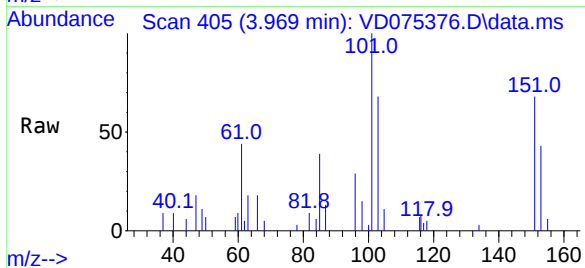




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.443 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.005 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

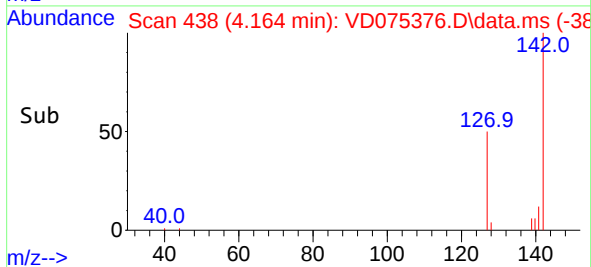
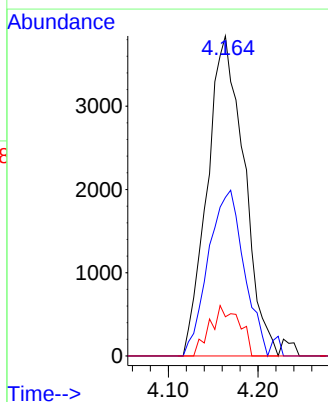
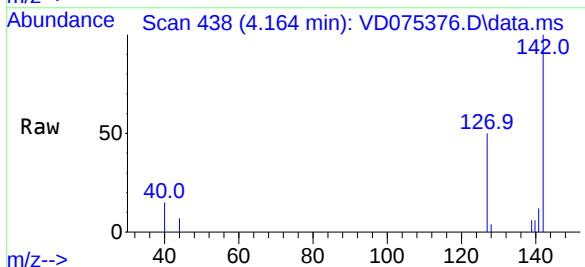
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

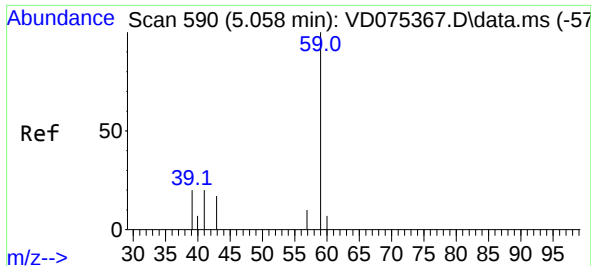
Tgt Ion:101 Resp: 13848
Ion Ratio Lower Upper
101 100
85 44.6 38.3 57.5
151 73.4 60.4 90.6



#10
Methyl Iodide
Concen: 18.719 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion:142 Resp: 10922
Ion Ratio Lower Upper
142 100
127 50.4 37.1 55.7
141 12.6 11.3 16.9





#11

Tert butyl alcohol

Concen: 67.855 ug/l

RT: 5.040 min Scan# 5

Delta R.T. -0.018 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

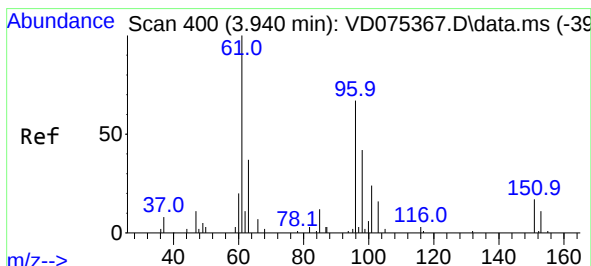
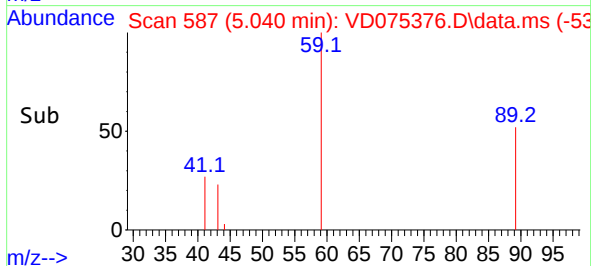
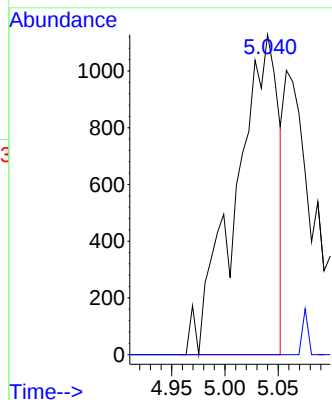
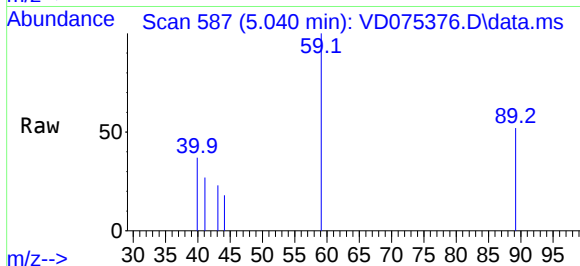
VSTDICC020

Tgt Ion: 59 Resp: 3162

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



#12

1,1-Dichloroethene

Concen: 20.059 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

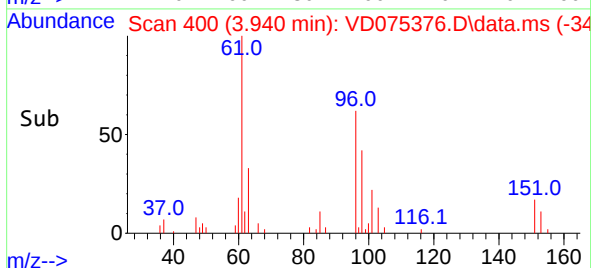
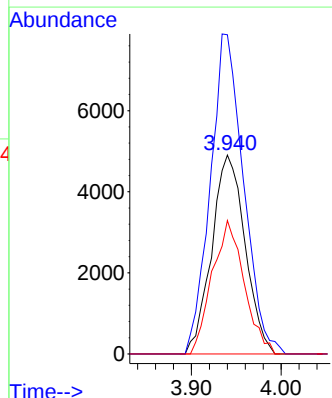
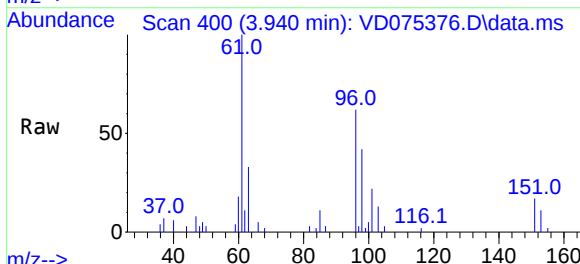
Tgt Ion: 96 Resp: 12668

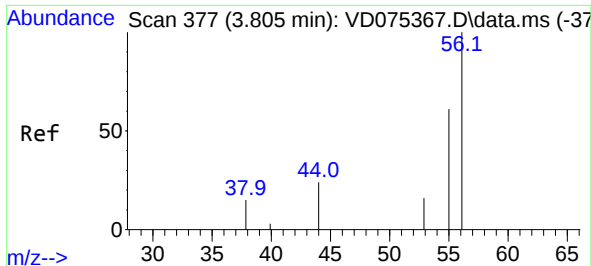
Ion Ratio Lower Upper

96 100

61 160.5 118.6 177.8

98 67.1 49.7 74.5

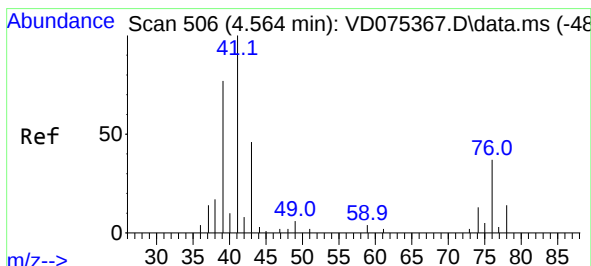
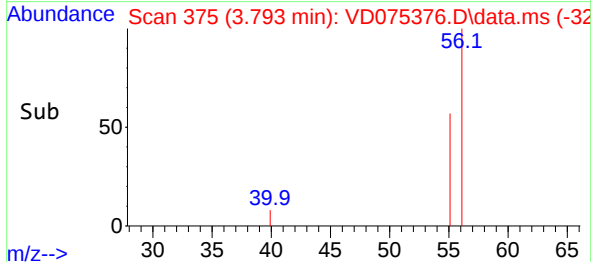
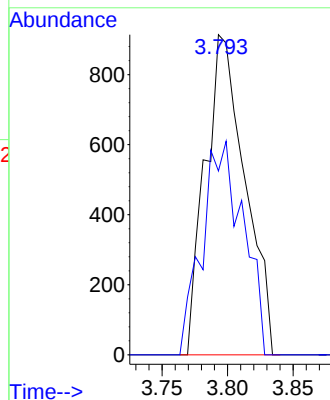
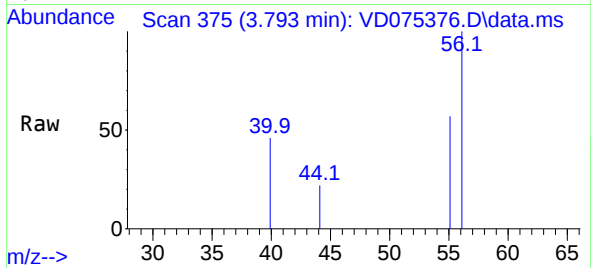




#13
Acrolein
Concen: 138.642 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

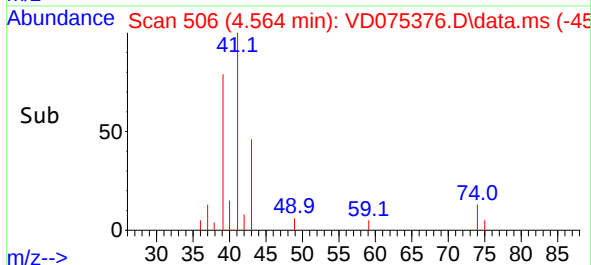
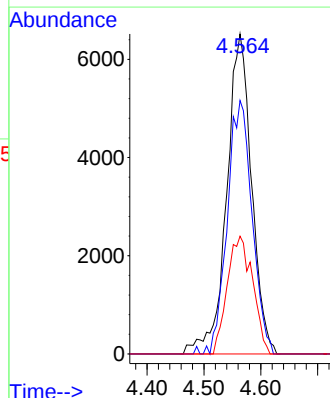
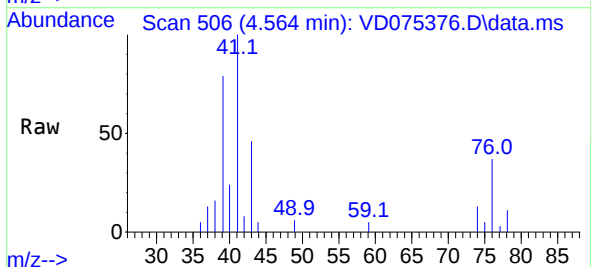
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

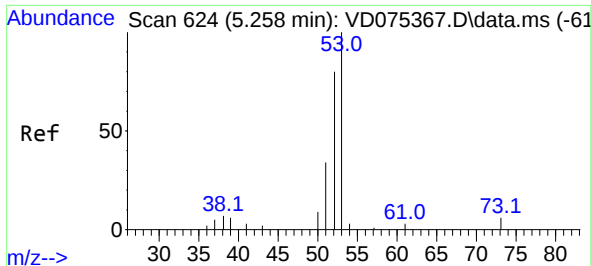
Tgt Ion: 56 Resp: 1934
Ion Ratio Lower Upper
56 100
55 68.7 53.9 80.9



#14
Allyl chloride
Concen: 19.891 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 41 Resp: 19864
Ion Ratio Lower Upper
41 100
39 78.6 60.6 90.8
76 37.4 28.6 43.0

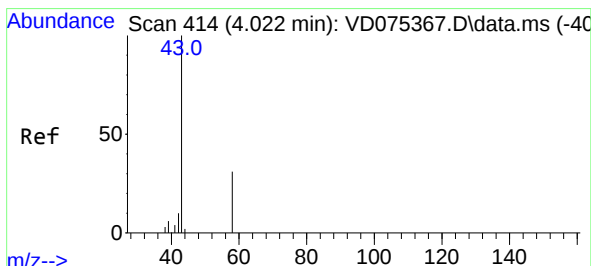
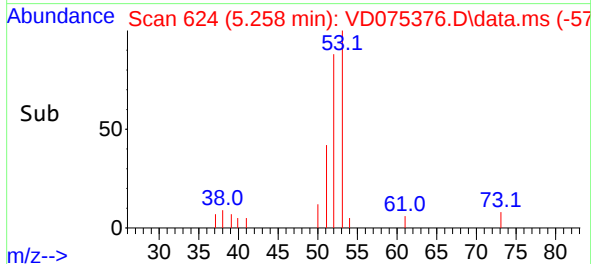
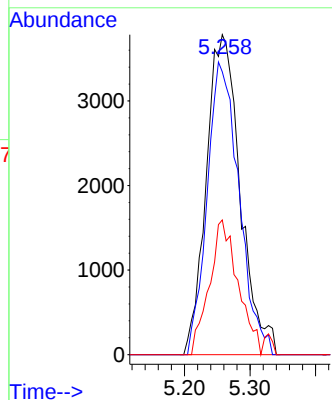
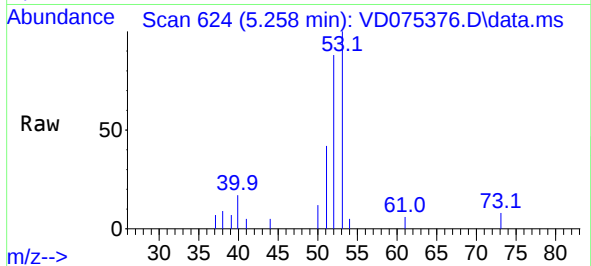




#15
Acrylonitrile
Concen: 101.722 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

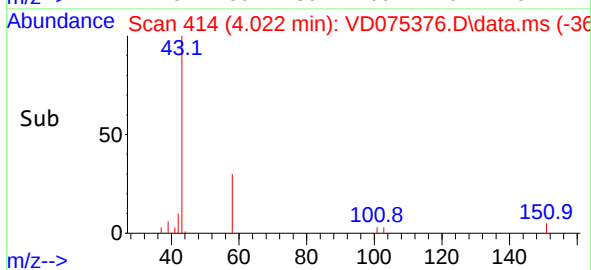
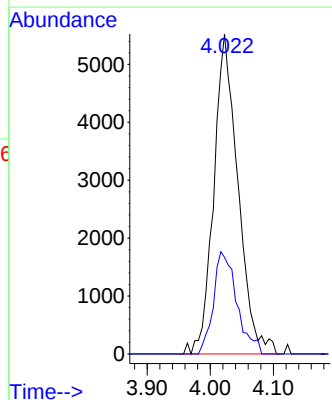
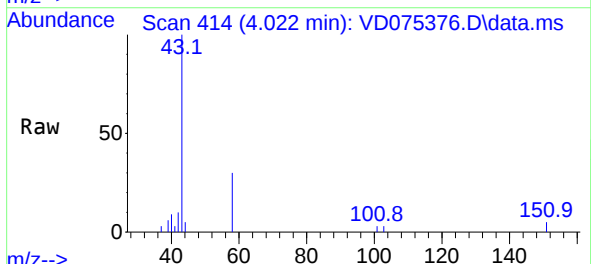
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

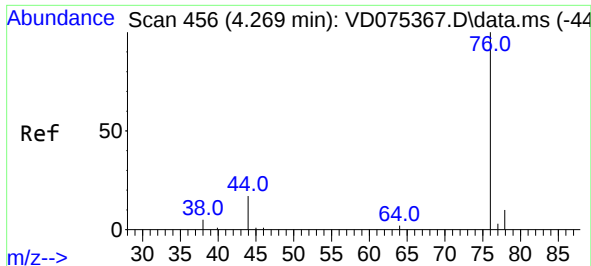
Tgt Ion: 53	Resp: 13591
Ion Ratio	Lower Upper
53 100	
52 85.8	66.2 99.4
51 35.6	30.7 46.1



#16
Acetone
Concen: 97.858 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 43	Resp: 14759
Ion Ratio	Lower Upper
43 100	
58 30.2	24.4 36.6

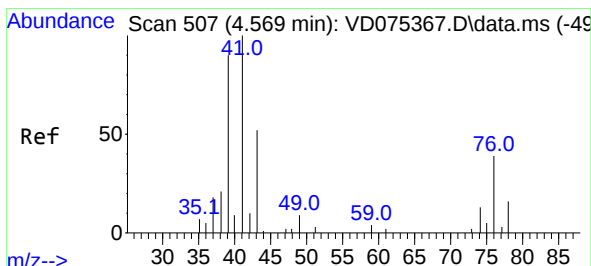
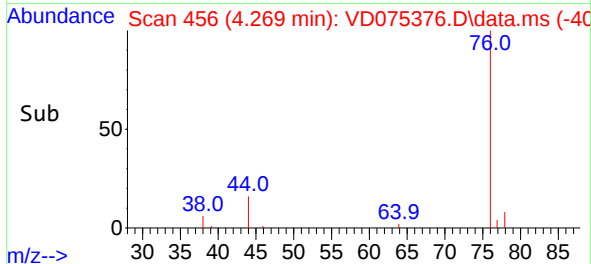
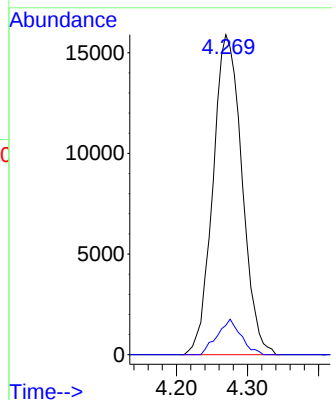
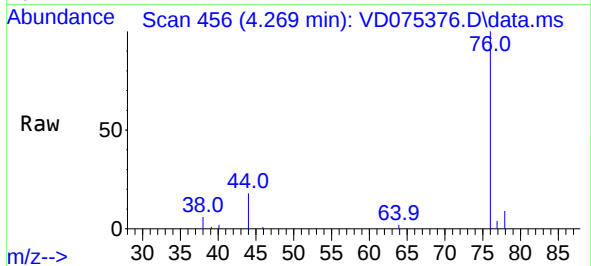




#17
Carbon Disulfide
Concen: 20.246 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

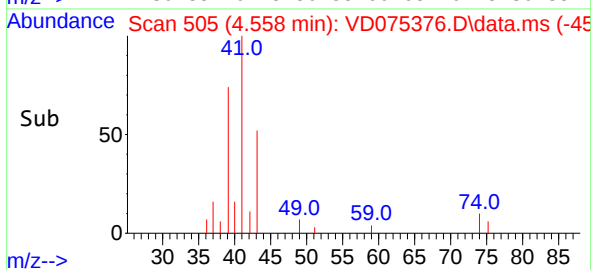
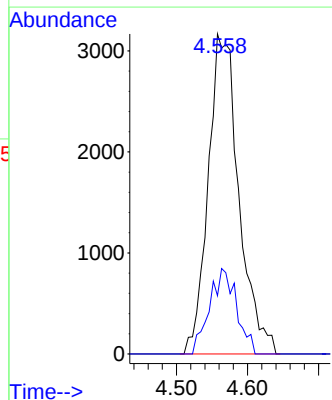
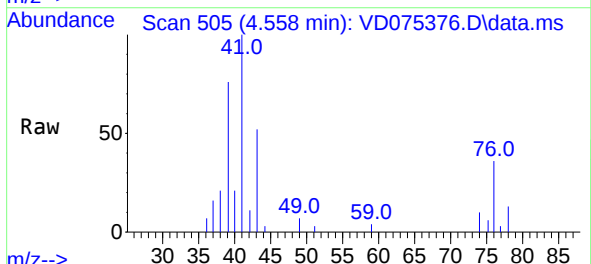
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

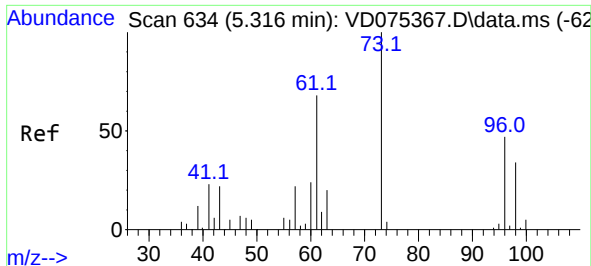
Tgt Ion: 76 Resp: 45033
Ion Ratio Lower Upper
76 100
78 9.1 8.0 12.0



#18
Methyl Acetate
Concen: 20.069 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.011 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 43 Resp: 9485
Ion Ratio Lower Upper
43 100
74 23.5 17.8 26.6

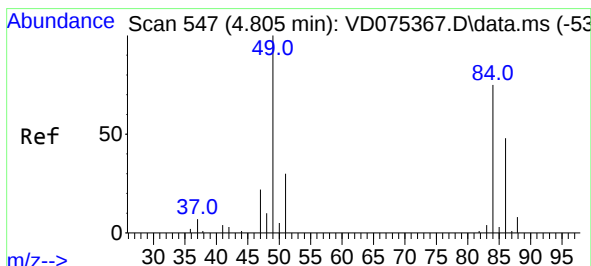
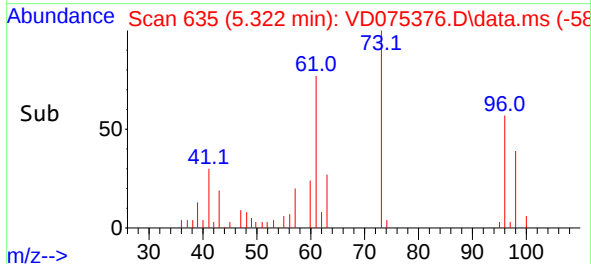
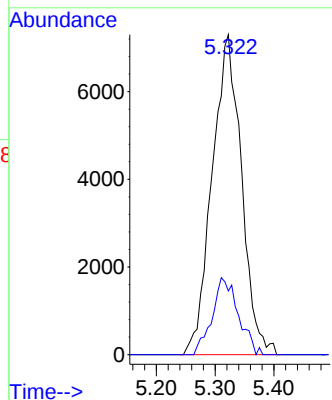
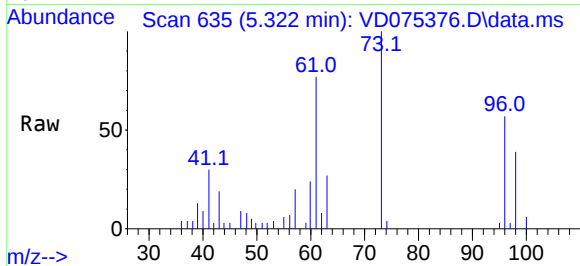




#19
Methyl tert-butyl Ether
Concen: 19.801 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

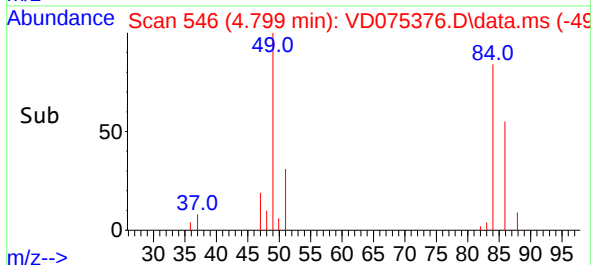
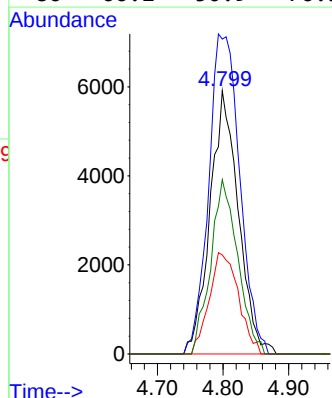
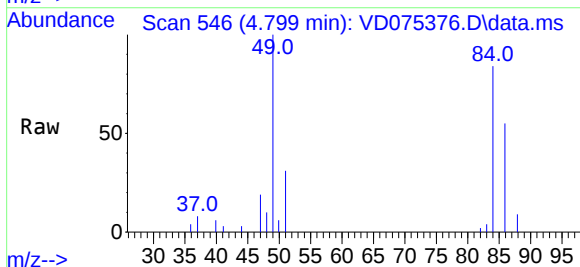
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

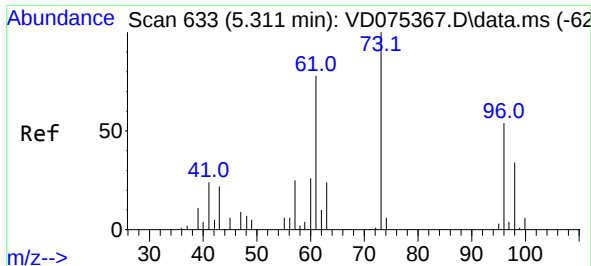
Tgt Ion: 73 Resp: 25318
Ion Ratio Lower Upper
73 100
57 19.9 17.2 25.8



#20
Methylene Chloride
Concen: 20.901 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 84 Resp: 17775
Ion Ratio Lower Upper
84 100
49 119.6 106.4 159.6
51 37.7 32.4 48.6
86 66.2 50.9 76.3

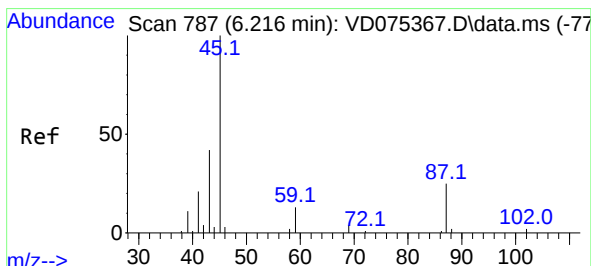
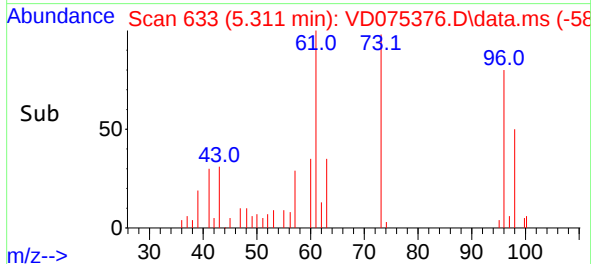
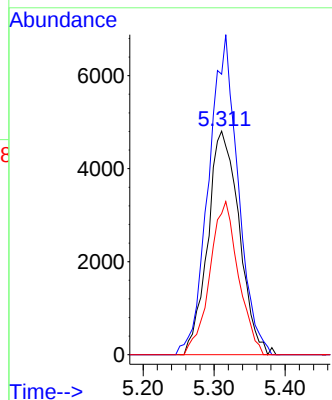
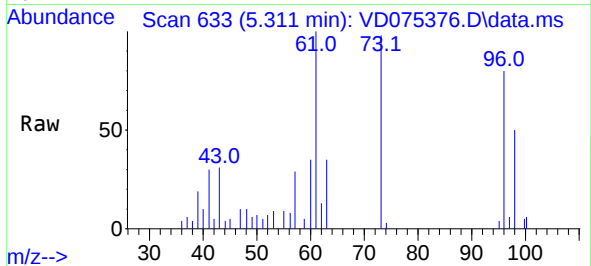




#21
trans-1,2-Dichloroethene
Concen: 20.907 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

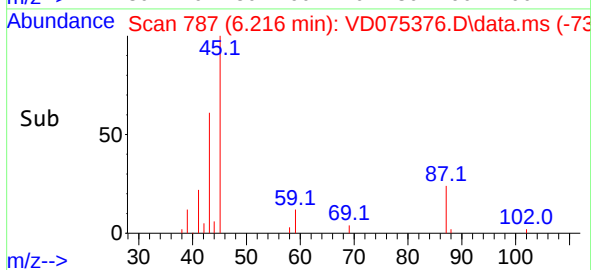
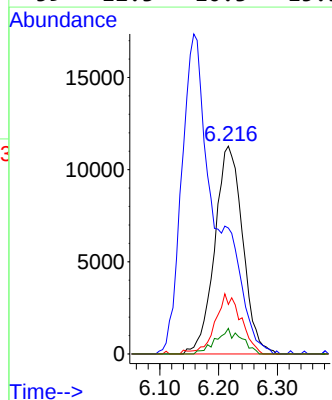
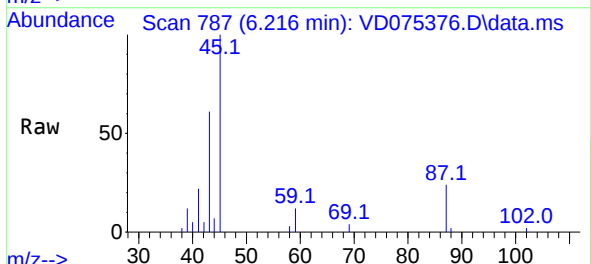
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

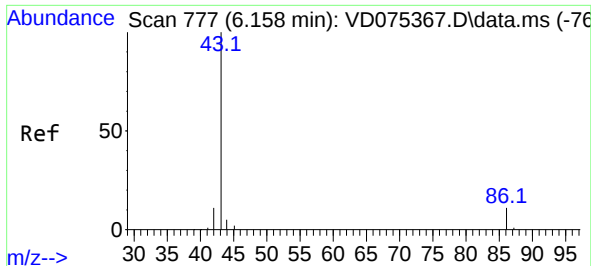
Tgt Ion: 96 Resp: 14759
Ion Ratio Lower Upper
96 100
61 125.5 117.2 175.8
98 63.1 50.6 76.0



#22
Diisopropyl ether
Concen: 19.526 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 45 Resp: 37248
Ion Ratio Lower Upper
45 100
43 60.6 44.4 66.6
87 23.9 20.9 31.3
59 12.3 10.3 15.5

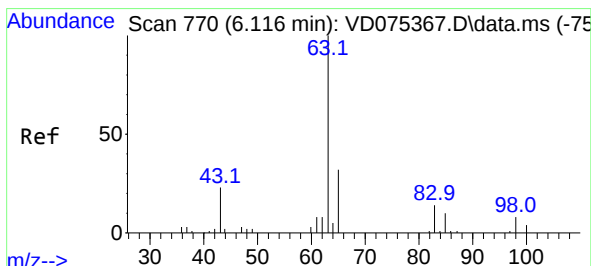
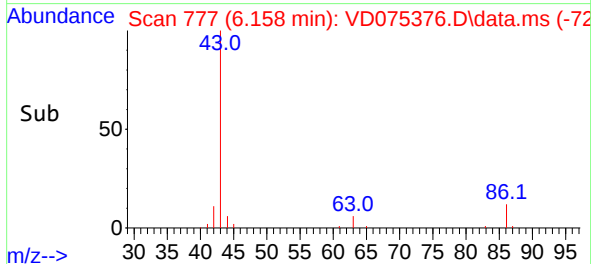
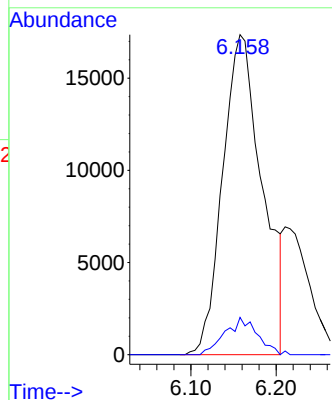
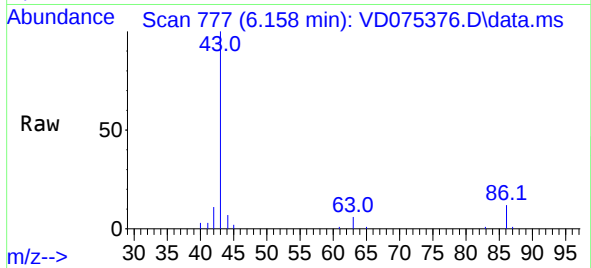




#23
 Vinyl Acetate
 Concen: 101.198 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD075376.D
 Acq: 21 Feb 2023 12:05

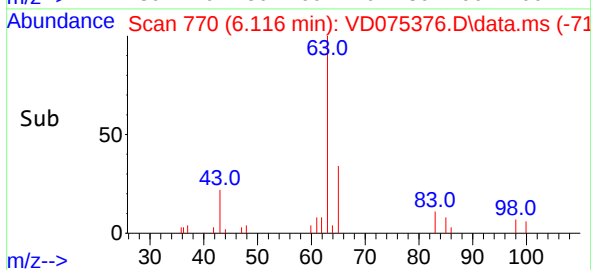
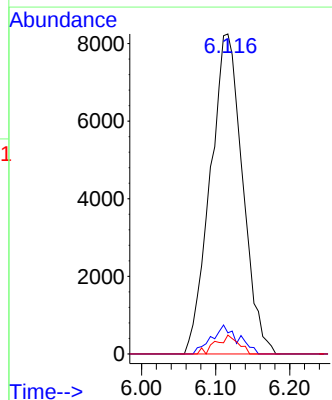
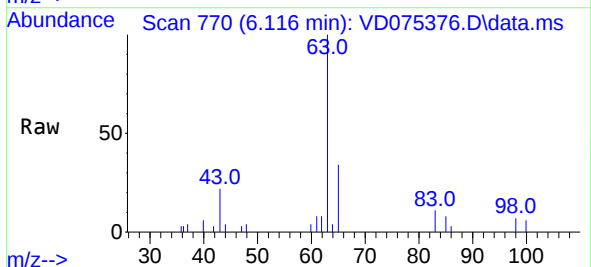
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

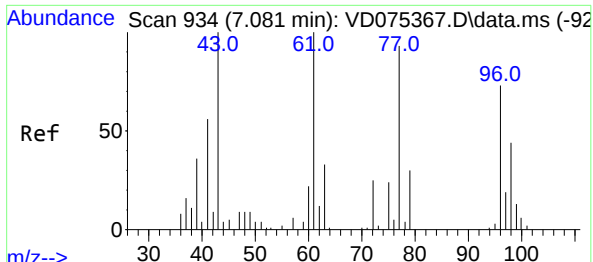
Tgt Ion: 43 Resp: 56051
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 19.894 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD075376.D
 Acq: 21 Feb 2023 12:05

Tgt Ion: 63 Resp: 24921
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 5.9 2.0 6.0

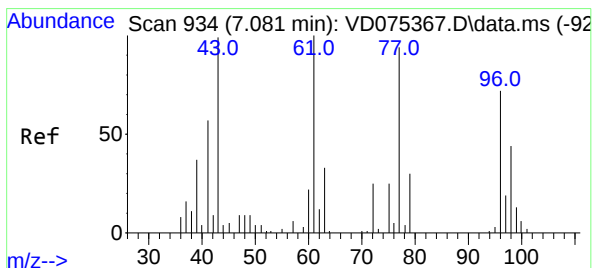
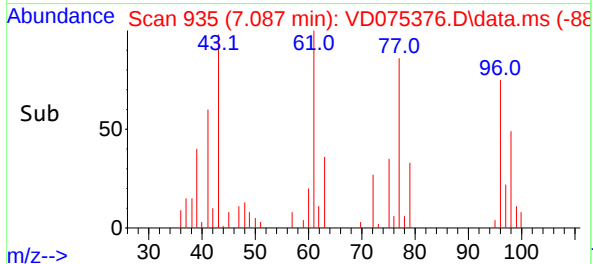
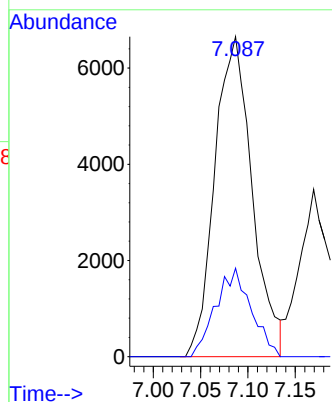
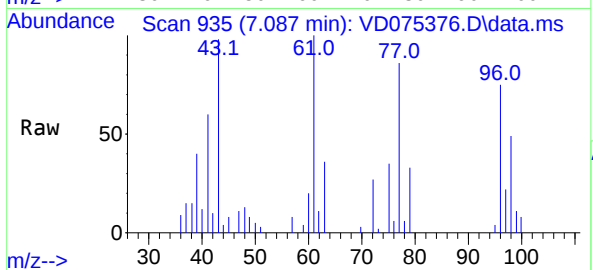




#25
2-Butanone
Concen: 96.909 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

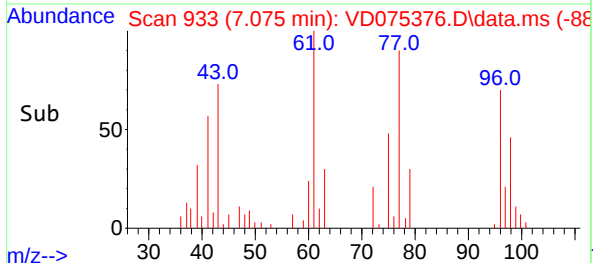
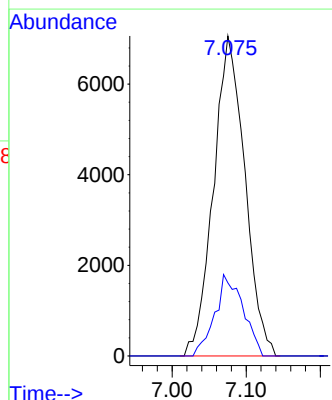
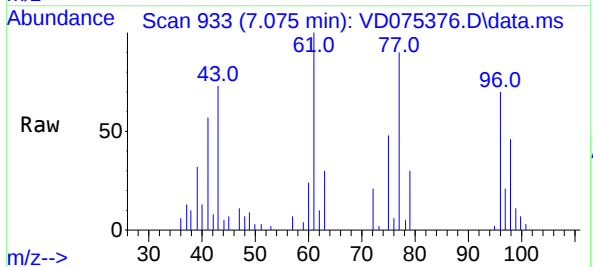
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

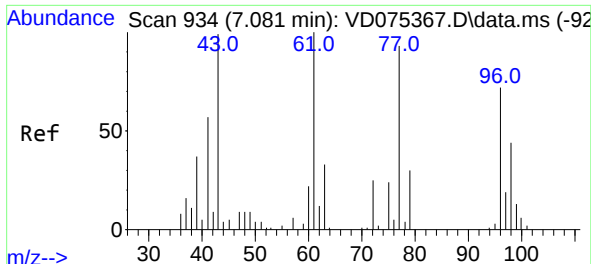
Tgt Ion: 43 Resp: 18227
Ion Ratio Lower Upper
43 100
72 27.7 19.8 29.8



#26
2,2-Dichloropropane
Concen: 19.042 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 77 Resp: 20746
Ion Ratio Lower Upper
77 100
97 22.8 11.1 33.1

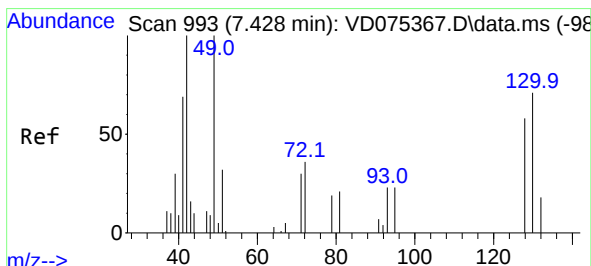
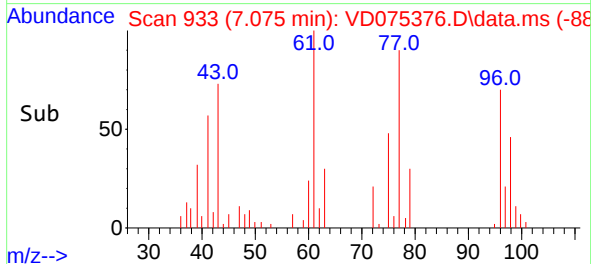
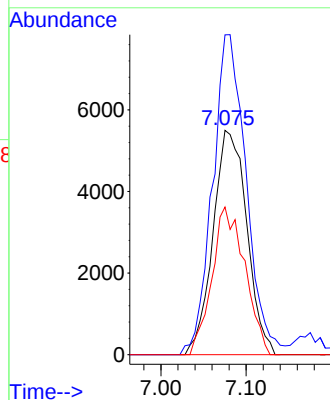
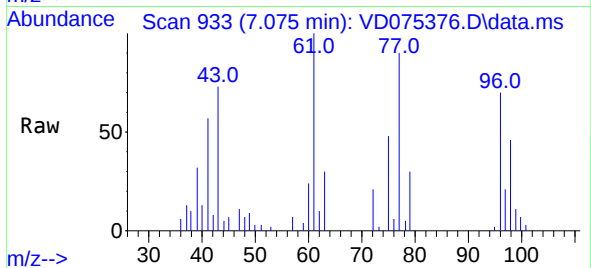




#27
cis-1,2-Dichloroethene
Concen: 20.137 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

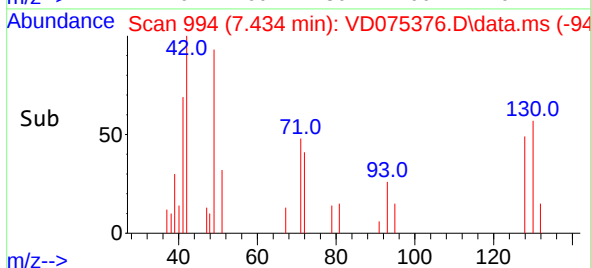
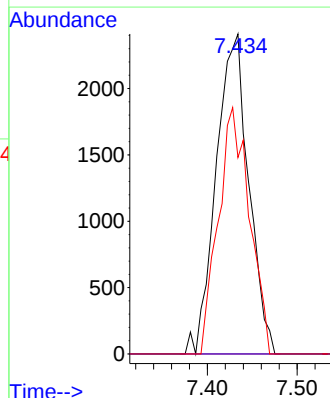
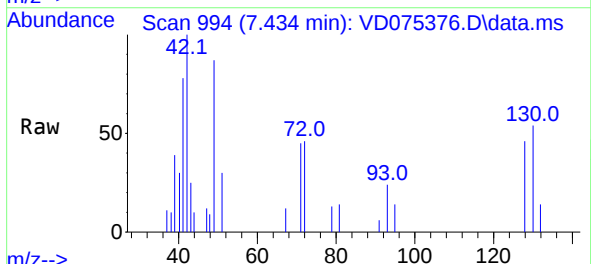
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

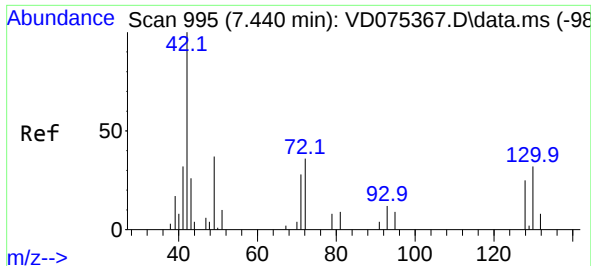
Tgt Ion: 96 Resp: 15122
Ion Ratio Lower Upper
96 100
61 142.2 0.0 295.2
98 64.1 0.0 129.2



#28
Bromochloromethane
Concen: 21.602 ug/l
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 49 Resp: 6078
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 73.7 56.0 84.0

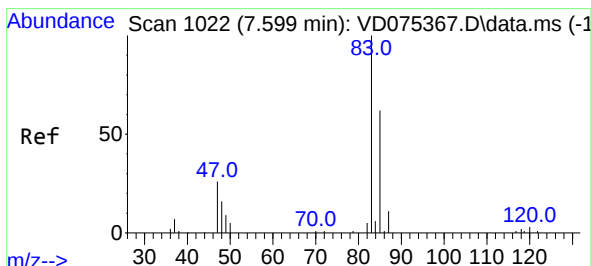
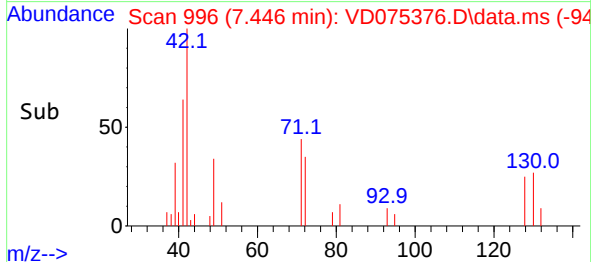
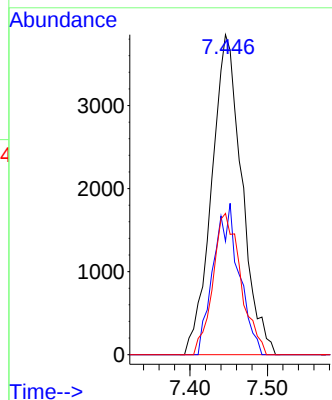
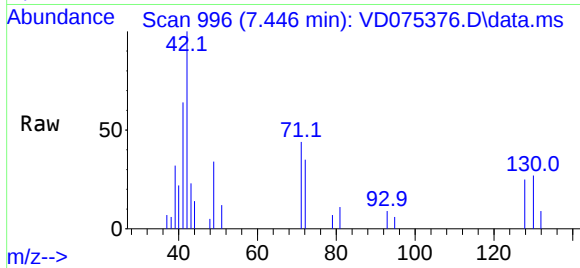




#29
Tetrahydrofuran
Concen: 98.368 ug/l
RT: 7.446 min Scan# 995
Delta R.T. 0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

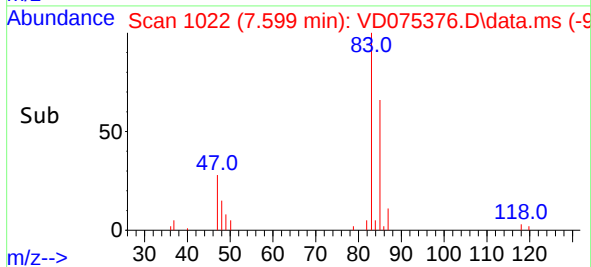
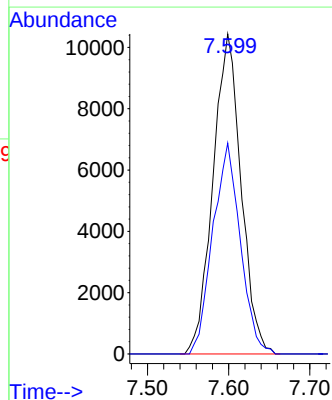
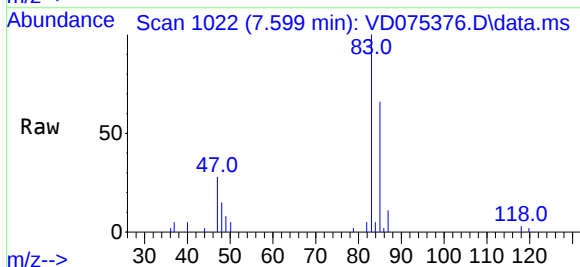
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

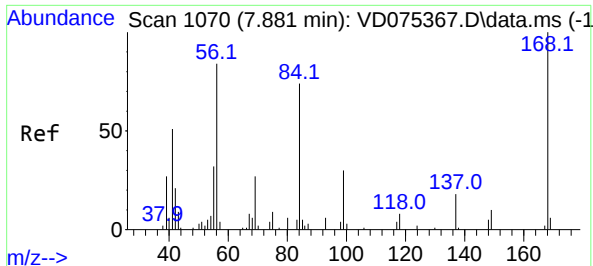
Tgt Ion:	42	Resp:	10435
Ion Ratio	Lower	Upper	
42	100		
72	40.1	31.8	47.6
71	40.9	27.6	41.4



#30
Chloroform
Concen: 19.961 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

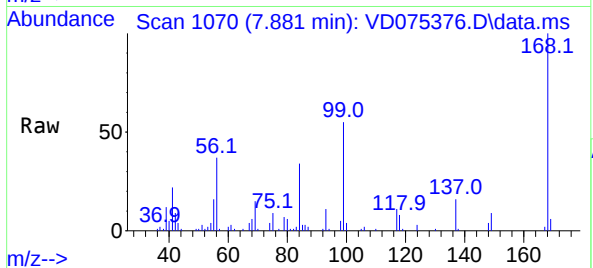
Tgt Ion:	83	Resp:	25110
Ion Ratio	Lower	Upper	
83	100		
85	65.9	49.4	74.2



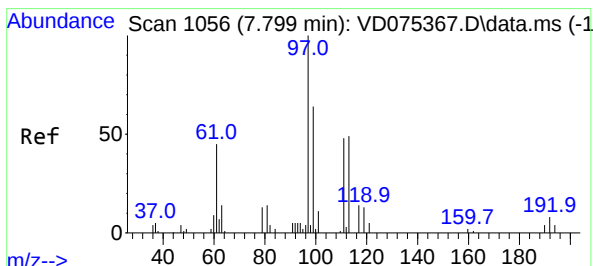
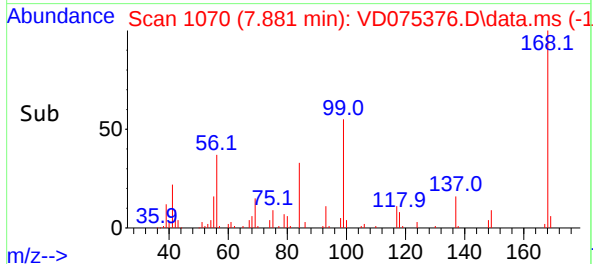
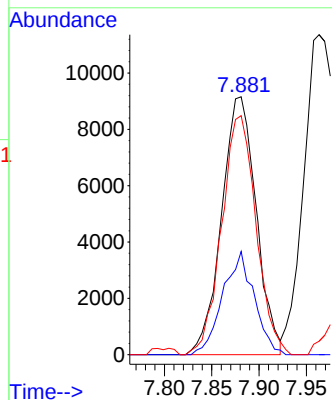


#31
Cyclohexane
Concen: 19.682 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

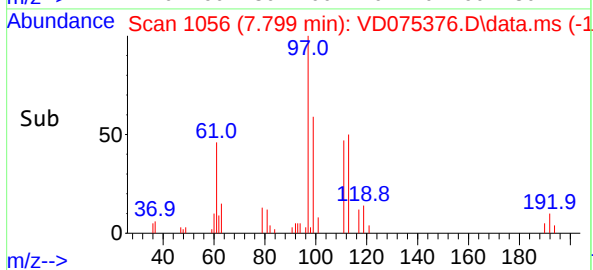
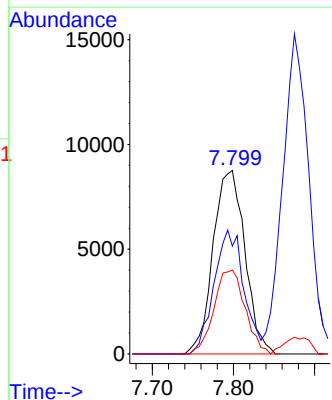
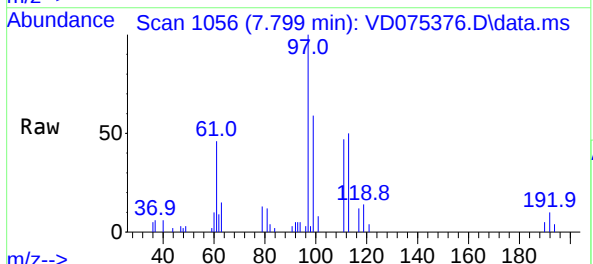


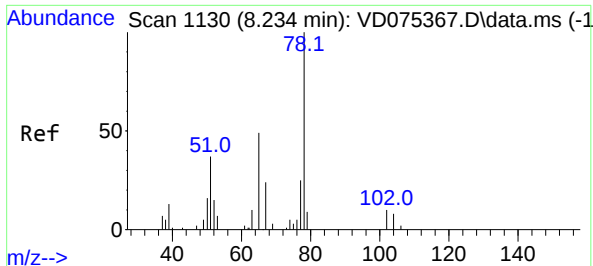
Tgt Ion: 56 Resp: 23279
Ion Ratio Lower Upper
56 100
69 40.1 25.5 38.3#
84 92.7 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 20.592 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 97 Resp: 23845
Ion Ratio Lower Upper
97 100
99 63.3 50.5 75.7
61 44.6 36.6 55.0

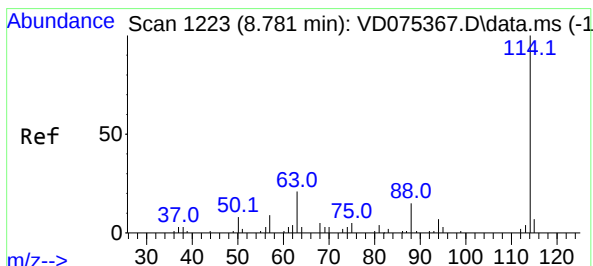
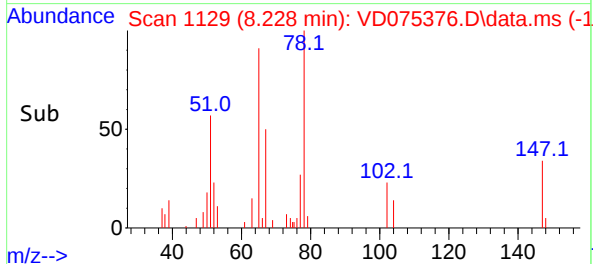
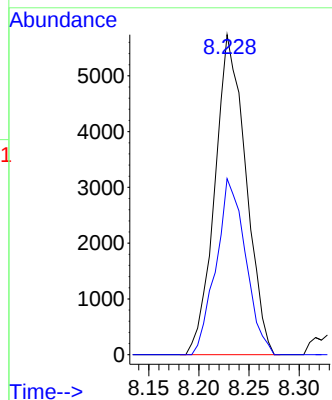
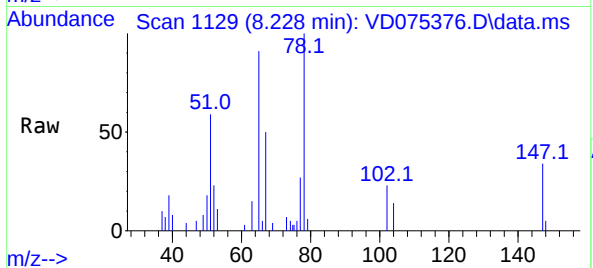




#33
1,2-Dichloroethane-d4
Concen: 22.855 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

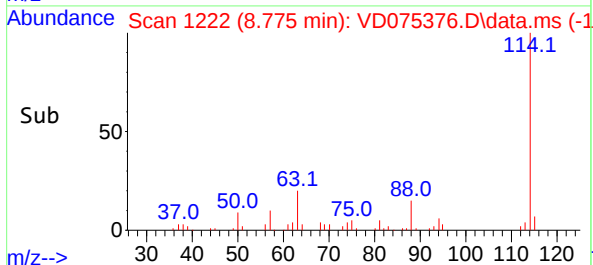
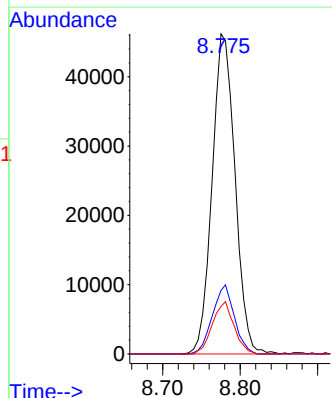
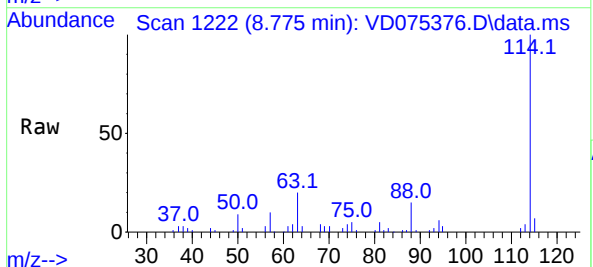
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

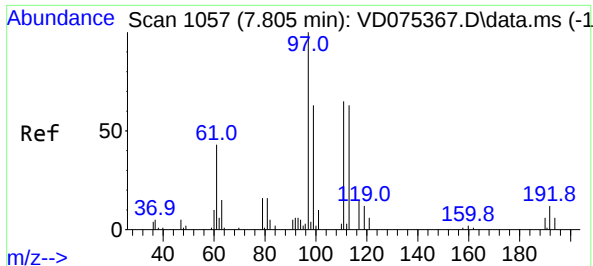
Tgt Ion: 65 Resp: 12333
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion:114 Resp: 94874
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.6
88 14.8 0.0 30.6

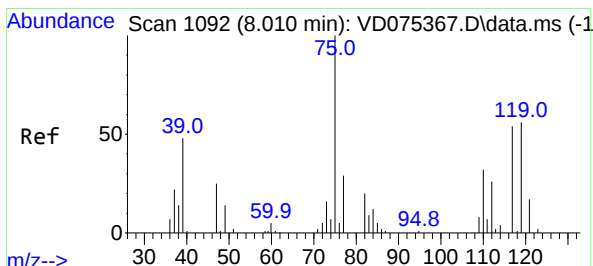
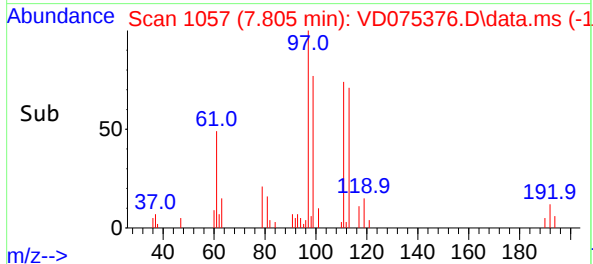
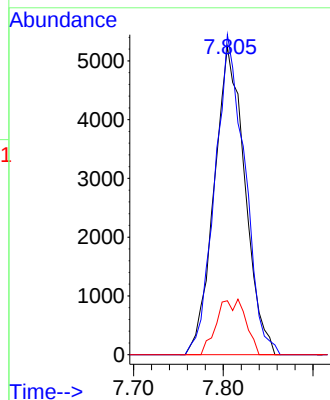
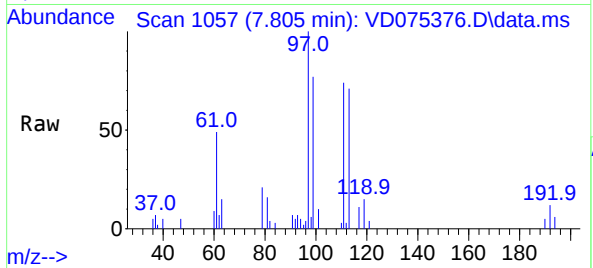




#35
Dibromofluoromethane
Concen: 22.150 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

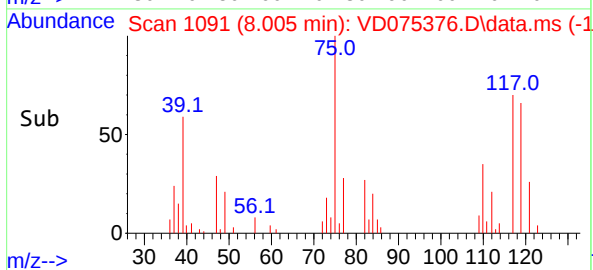
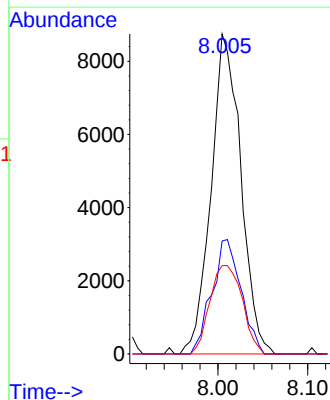
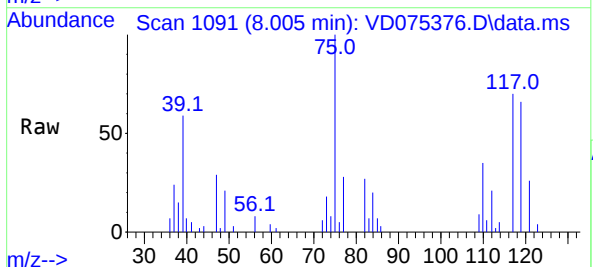
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

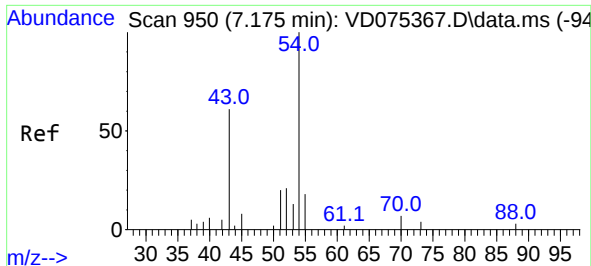
Tgt Ion:	113	Resp:	12475
Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.4	122.0
192	16.9	15.2	22.8



#36
1,1-Dichloropropene
Concen: 19.939 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.005 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion:	75	Resp:	20128
Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.1	51.2
77	30.0	24.6	36.8

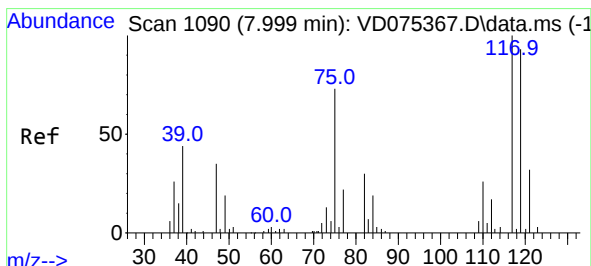
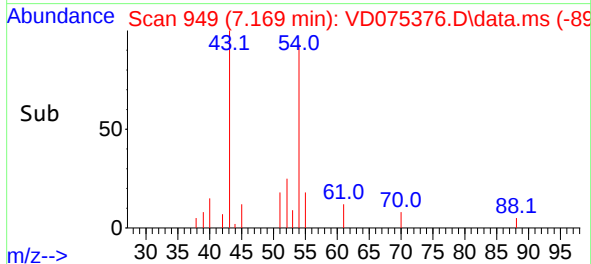
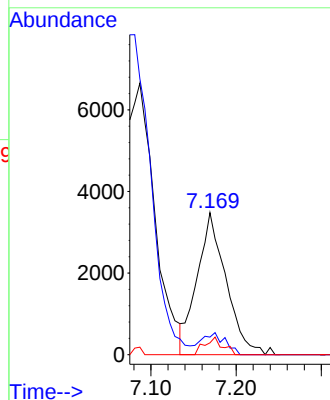
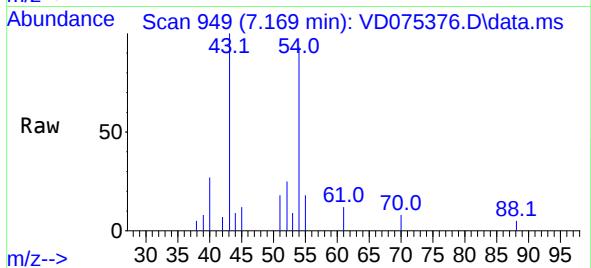




#37
Ethyl Acetate
Concen: 20.893 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

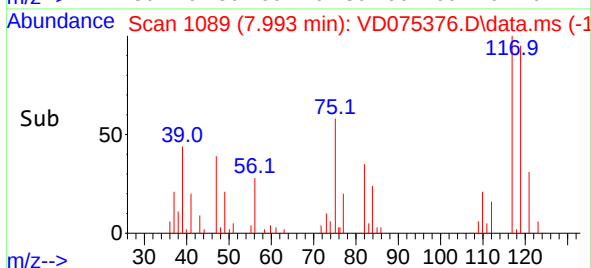
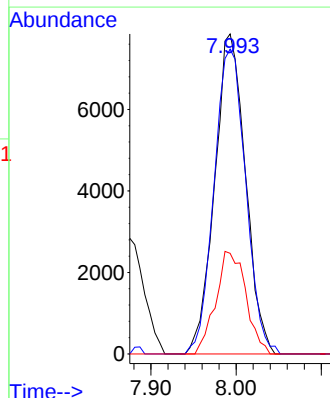
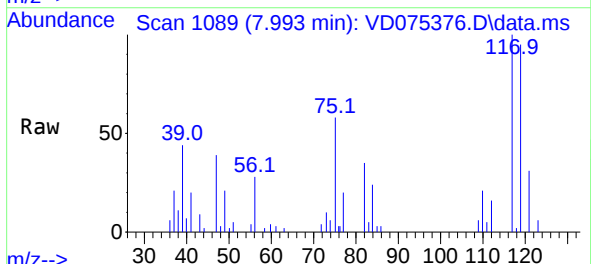
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

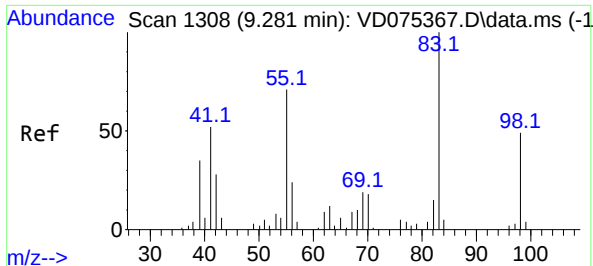
Tgt Ion: 43 Resp: 8254
Ion Ratio Lower Upper
43 100
61 13.0 0.0 0.0#
70 7.6 5.6 8.4



#38
Carbon Tetrachloride
Concen: 19.508 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 117 Resp: 19731
Ion Ratio Lower Upper
117 100
119 95.3 74.7 112.1
121 31.4 25.9 38.9





#39

Methylcyclohexane

Concen: 19.149 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.006 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

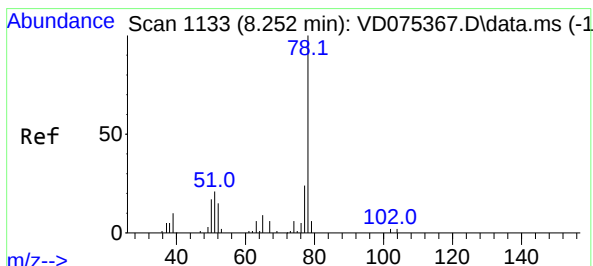
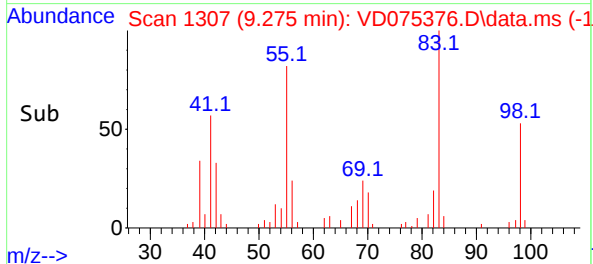
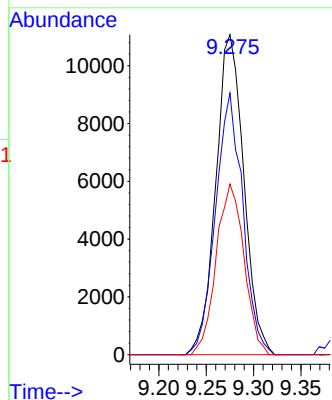
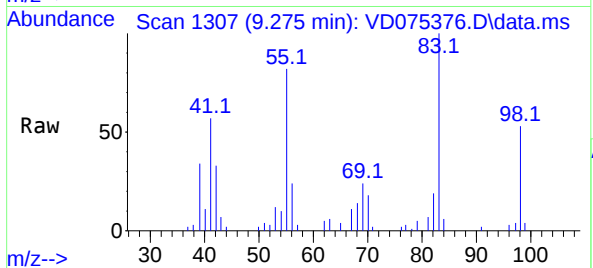
Tgt Ion: 83 Resp: 22784

Ion Ratio Lower Upper

83 100

55 81.7 56.8 85.2

98 53.3 38.9 58.3



#40

Benzene

Concen: 19.748 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075376.D

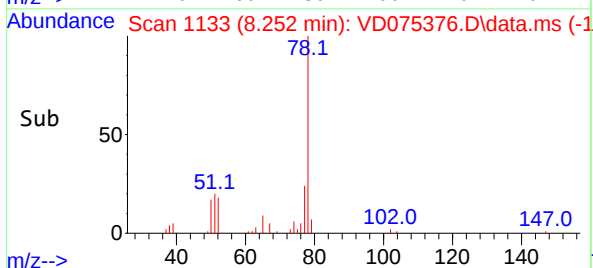
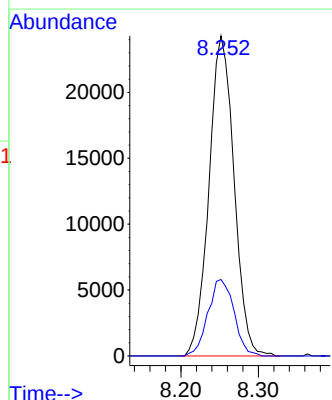
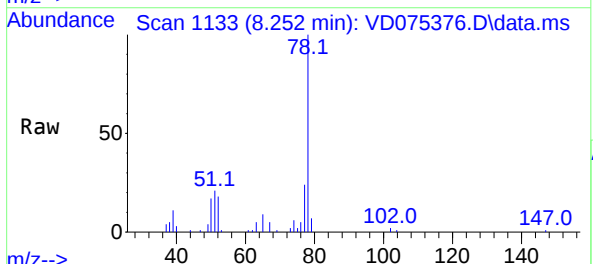
Acq: 21 Feb 2023 12:05

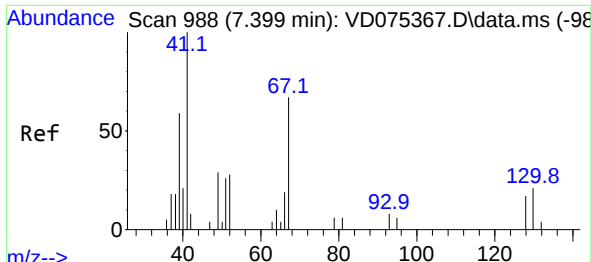
Tgt Ion: 78 Resp: 54571

Ion Ratio Lower Upper

78 100

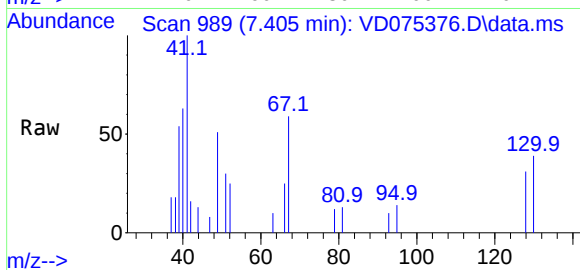
77 23.9 19.1 28.7





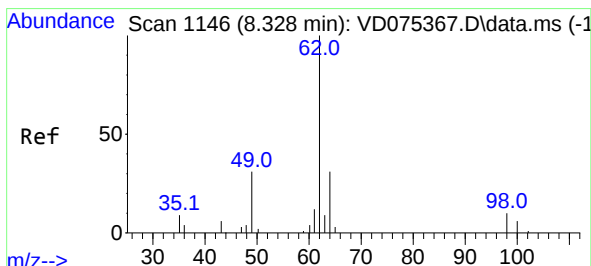
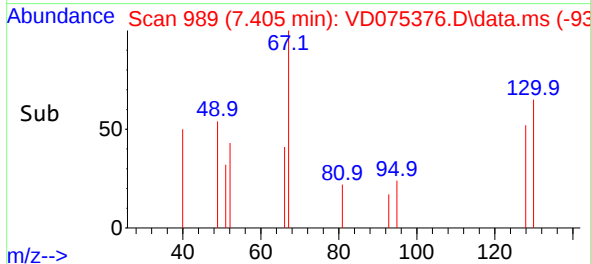
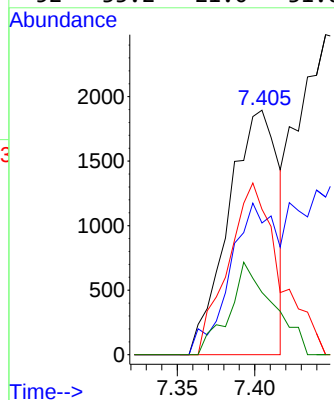
#41
Methacrylonitrile
Concen: 18.691 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 4235

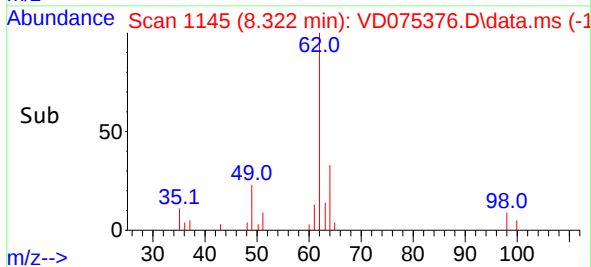
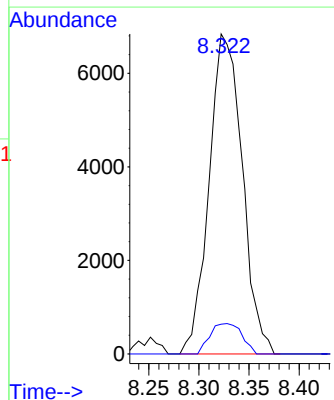
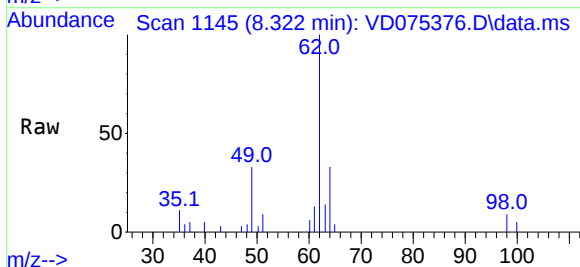
Ion	Ratio	Lower	Upper
41	100		
39	58.4	45.3	67.9
67	72.9	50.5	75.7
52	33.2	21.0	31.6

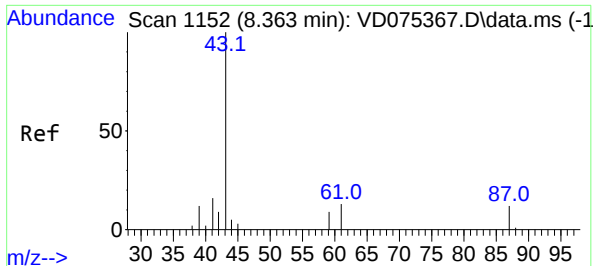


#42
1,2-Dichloroethane
Concen: 20.430 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 62 Resp: 15764

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.8

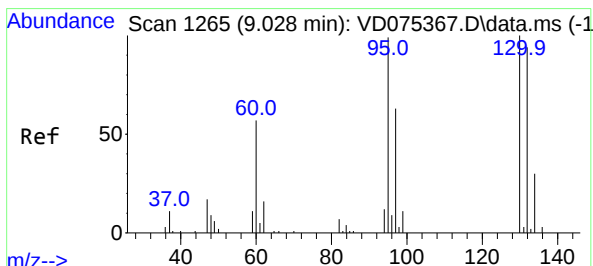
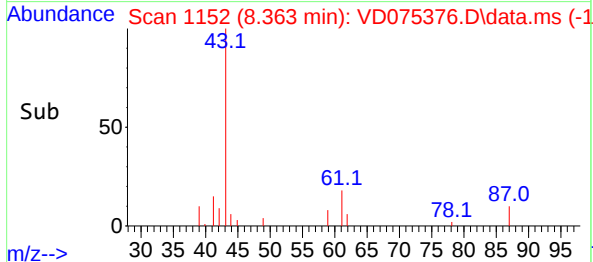
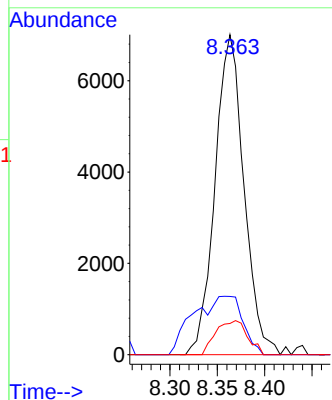
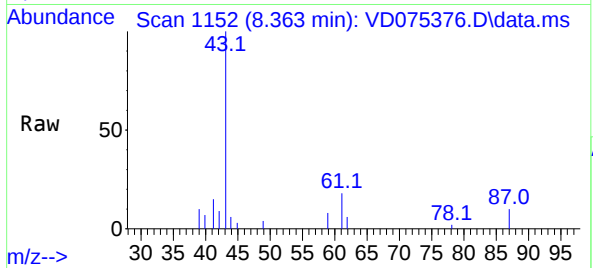




#43
Isopropyl Acetate
Concen: 20.059 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

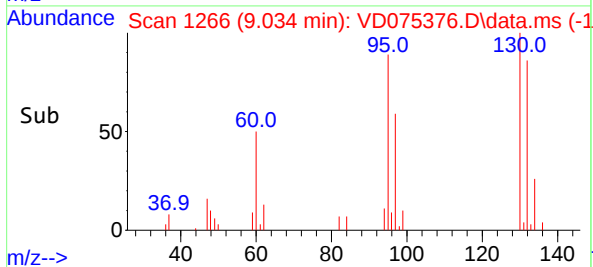
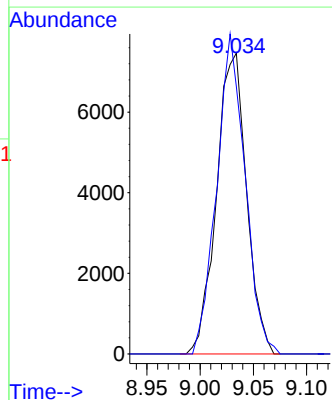
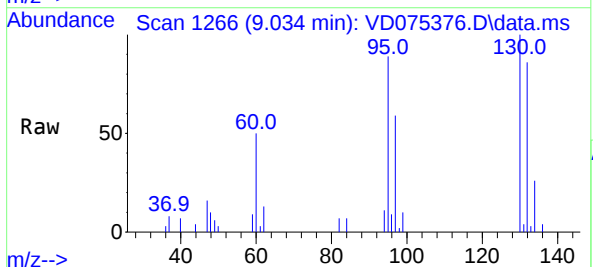
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

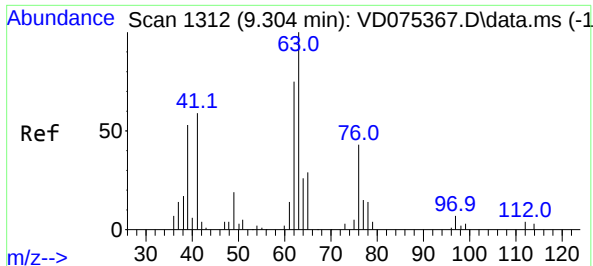
Tgt Ion: 43 Resp: 14890
Ion Ratio Lower Upper
43 100
61 31.1 23.4 35.0
87 11.6 9.5 14.3



#44
Trichloroethene
Concen: 19.807 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion:130 Resp: 14663
Ion Ratio Lower Upper
130 100
95 88.9 0.0 197.6

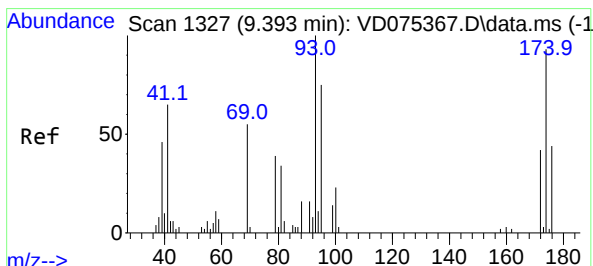
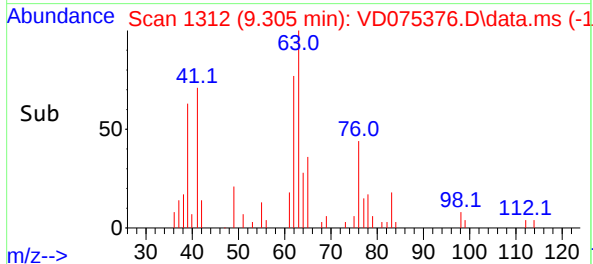
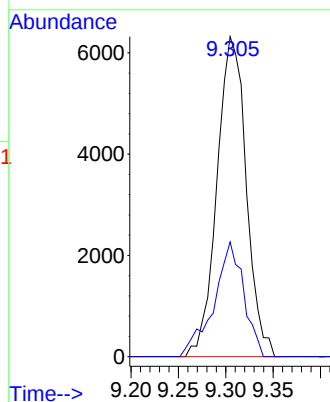
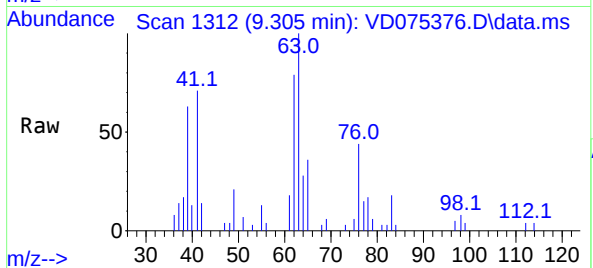




#45
1,2-Dichloropropane
Concen: 20.175 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

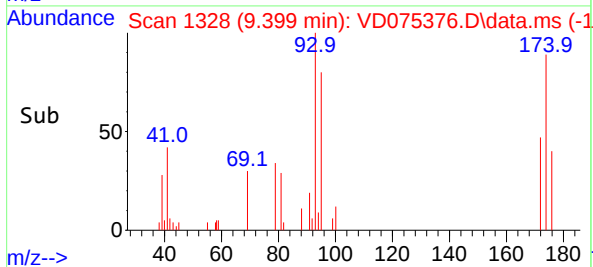
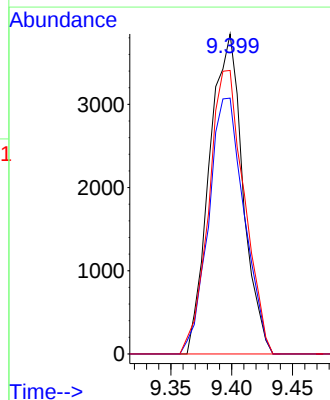
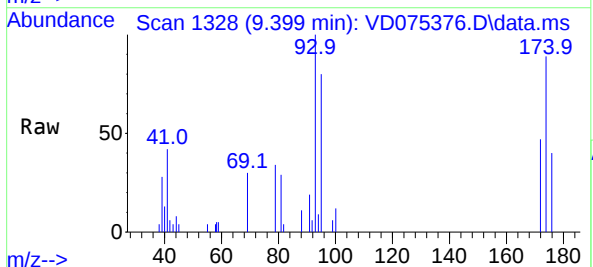
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

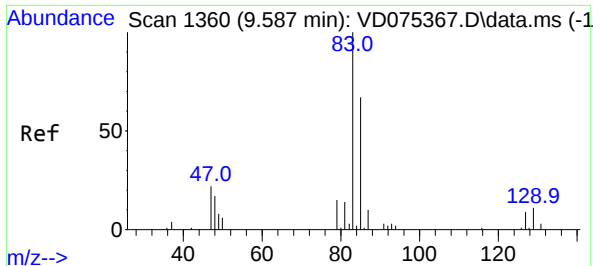
Tgt Ion: 63 Resp: 13596
Ion Ratio Lower Upper
63 100
65 35.9 23.0 34.4#



#46
Dibromomethane
Concen: 19.976 ug/l
RT: 9.399 min Scan# 1328
Delta R.T. 0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 93 Resp: 7330
Ion Ratio Lower Upper
93 100
95 85.5 64.5 96.7
174 94.2 76.2 114.4

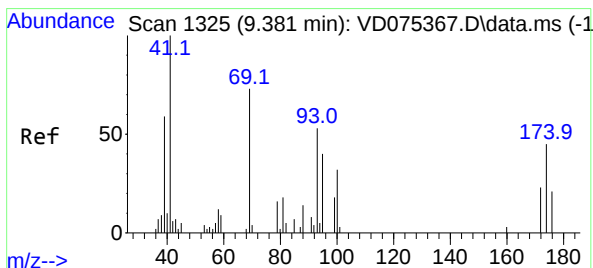
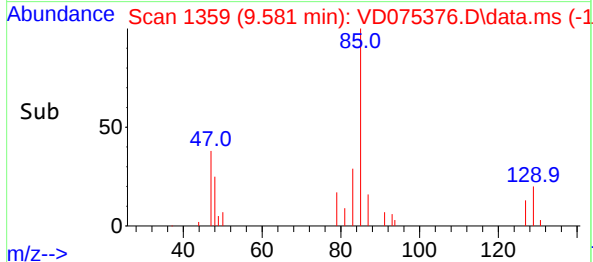
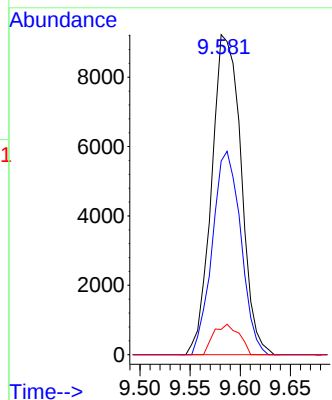
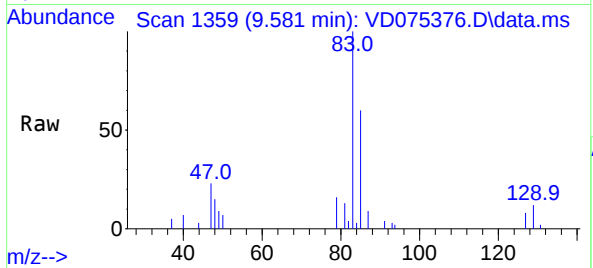




#47
Bromodichloromethane
Concen: 20.133 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

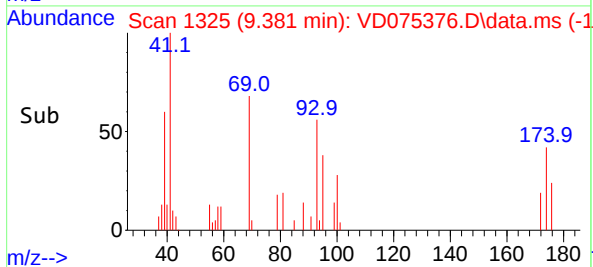
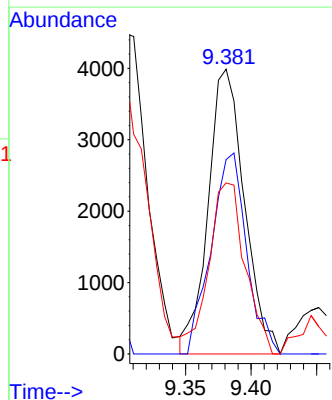
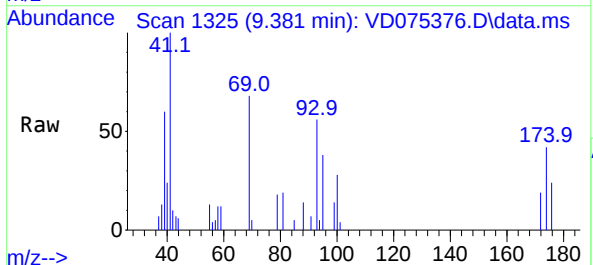
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

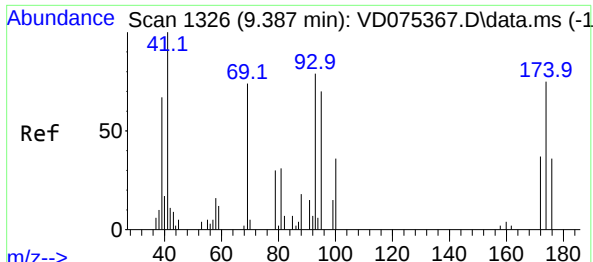
Tgt Ion: 83	Resp: 18800
Ion Ratio	Lower Upper
83 100	
85 60.5	53.7 80.5
127 7.9	7.0 10.6



#48
Methyl methacrylate
Concen: 20.544 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 41	Resp: 7666		
Ion Ratio	Lower	Upper	
41 100			
69 69.3	58.6	88.0	
39 60.5	53.4	80.0	

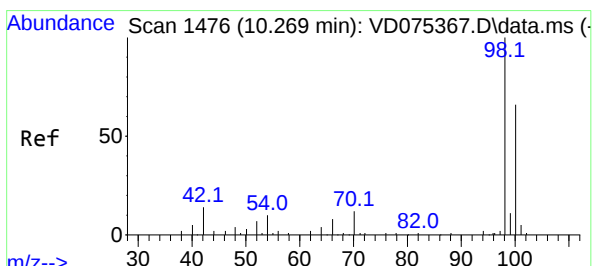
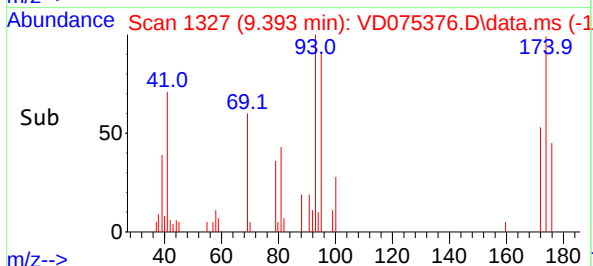
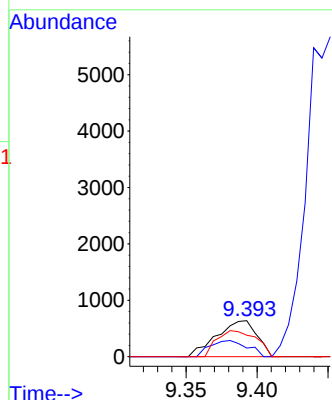
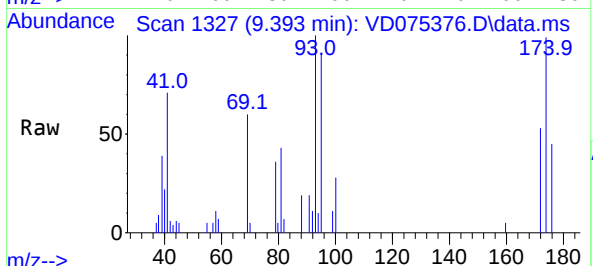




#49
1,4-Dioxane
Concen: 396.742 ug/l
RT: 9.393 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

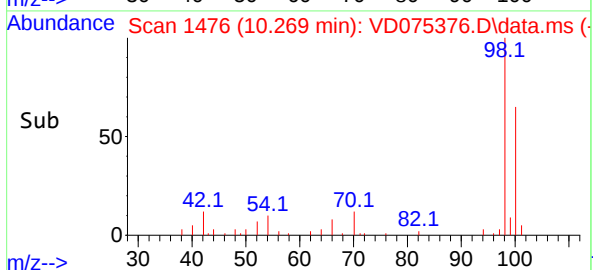
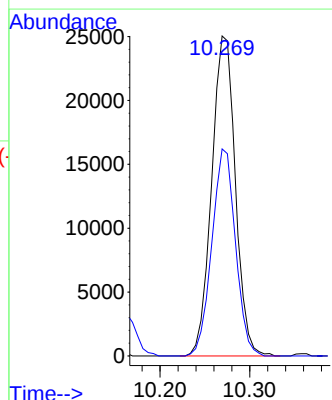
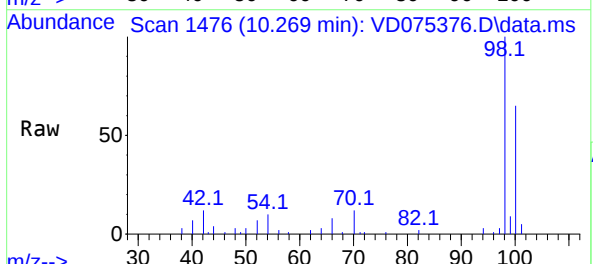
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

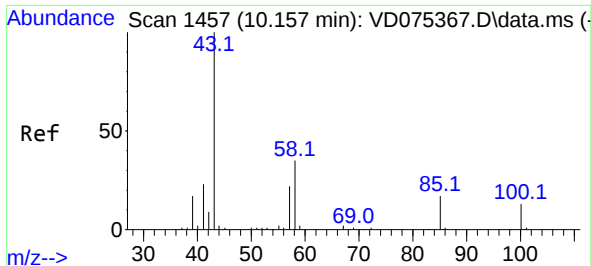
Tgt Ion: 88 Resp: 1256
Ion Ratio Lower Upper
88 100
43 41.7 34.6 51.8
58 70.5 58.0 87.0



#50
Toluene-d8
Concen: 22.607 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 98 Resp: 45950
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1

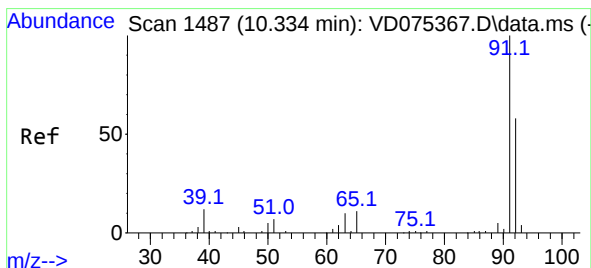
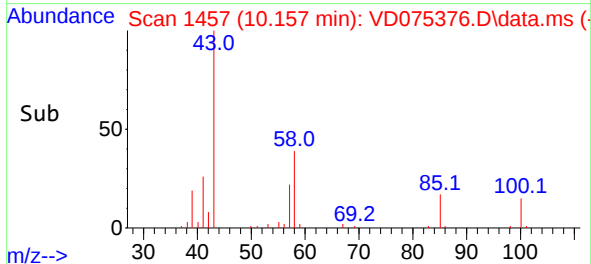
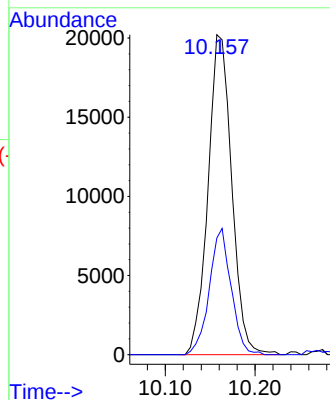
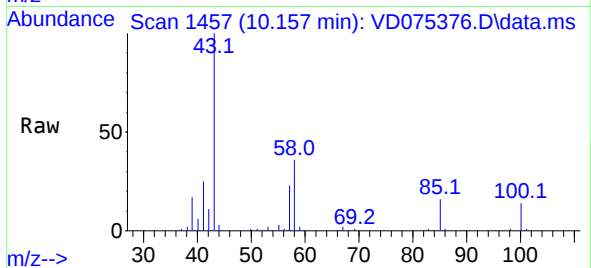




#51
4-Methyl-2-Pentanone
Concen: 98.642 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

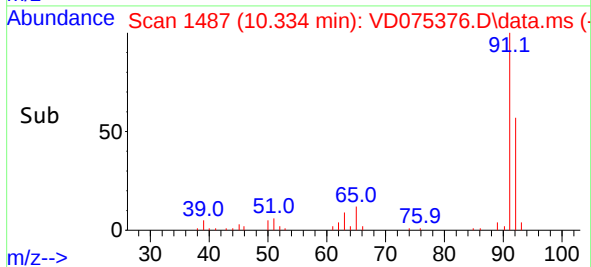
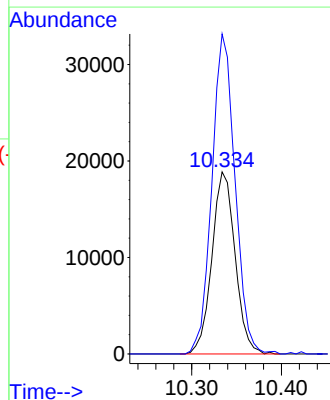
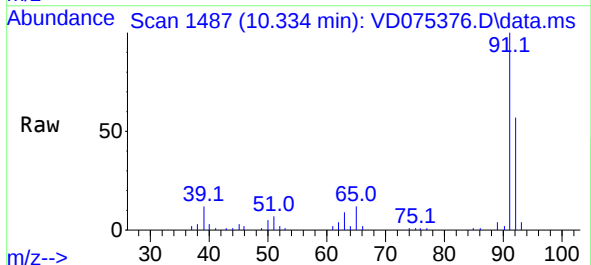
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

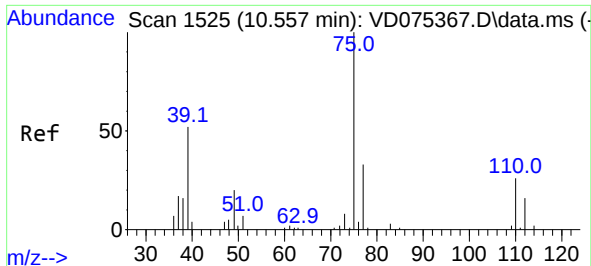
Tgt Ion: 43 Resp: 37083
Ion Ratio Lower Upper
43 100
58 36.2 29.5 44.3



#52
Toluene
Concen: 19.890 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 92 Resp: 33841
Ion Ratio Lower Upper
92 100
91 175.6 136.5 204.7

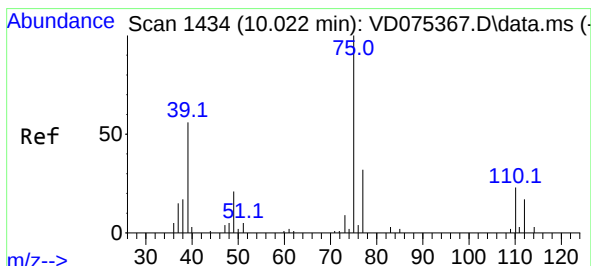
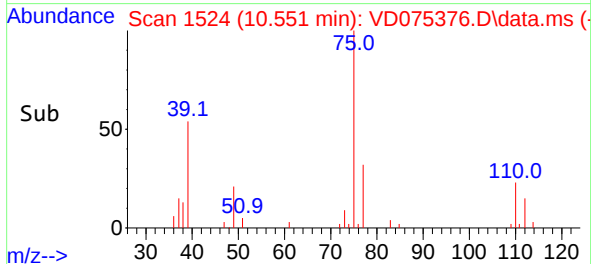
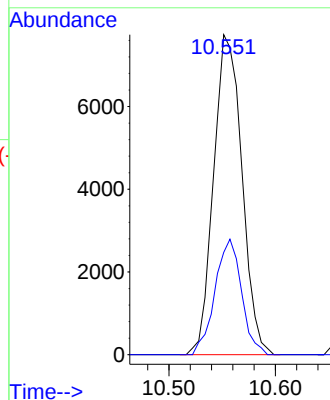
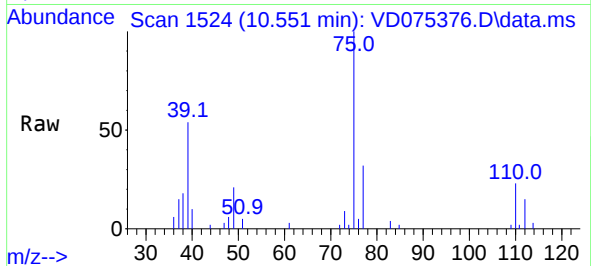




#53
 t-1,3-Dichloropropene
 Concen: 18.680 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD075376.D
 Acq: 21 Feb 2023 12:05

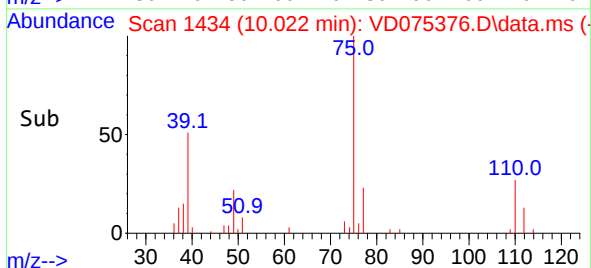
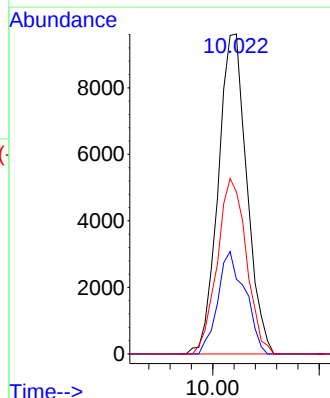
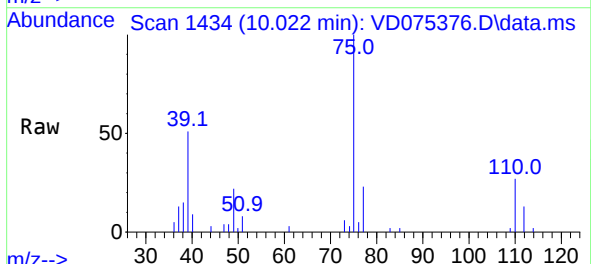
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

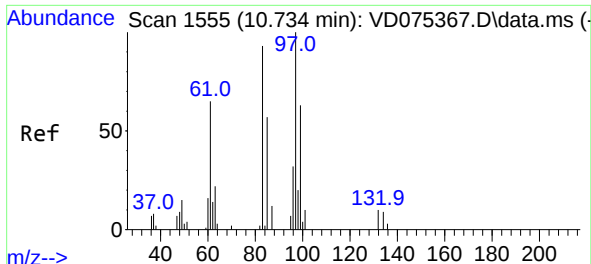
Tgt Ion: 75 Resp: 14280
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 19.317 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.000 min
 Lab File: VD075376.D
 Acq: 21 Feb 2023 12:05

Tgt Ion: 75 Resp: 17903
 Ion Ratio Lower Upper
 75 100
 77 23.4 25.6 38.4#
 39 50.7 44.8 67.2

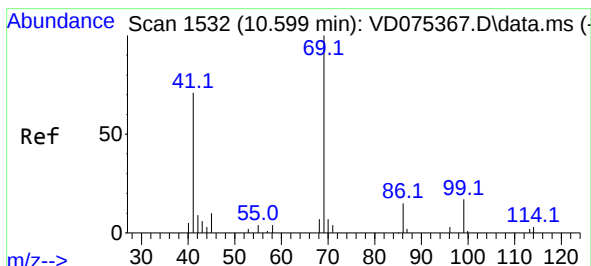
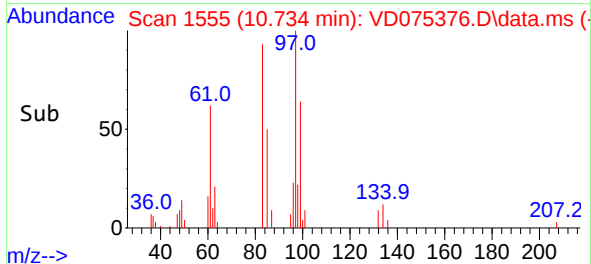
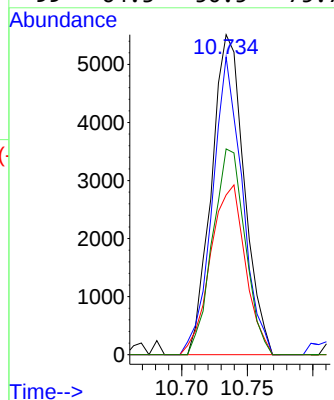
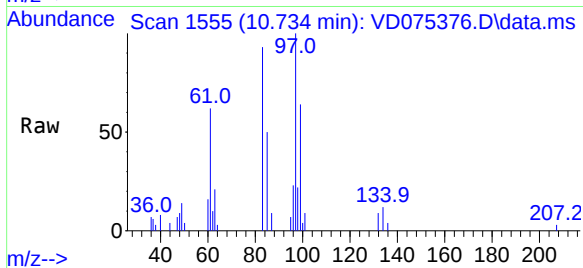




#55
1,1,2-Trichloroethane
Concen: 20.144 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

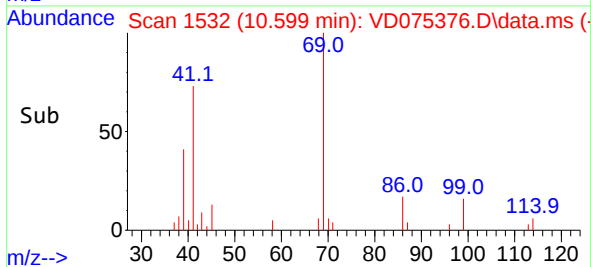
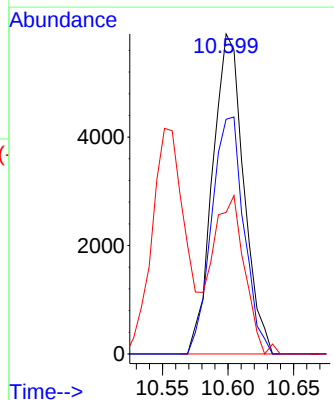
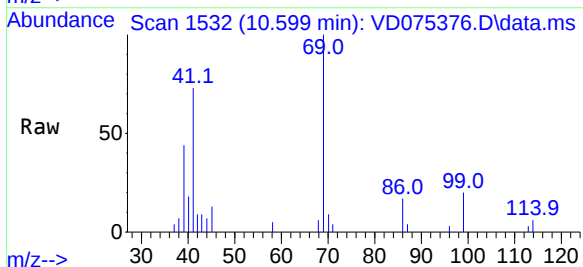
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

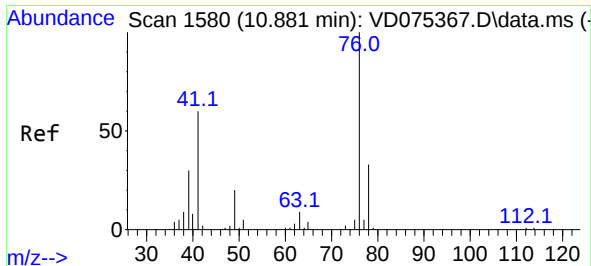
Tgt Ion:	97	Resp:	9576
Ion	Ratio	Lower	Upper
97	100		
83	93.0	74.2	111.4
85	49.9	45.4	68.0
99	64.3	50.5	75.7



#56
Ethyl methacrylate
Concen: 18.421 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion:	69	Resp:	9745
Ion	Ratio	Lower	Upper
69	100		
41	77.0	59.3	88.9
39	48.5	36.0	54.0

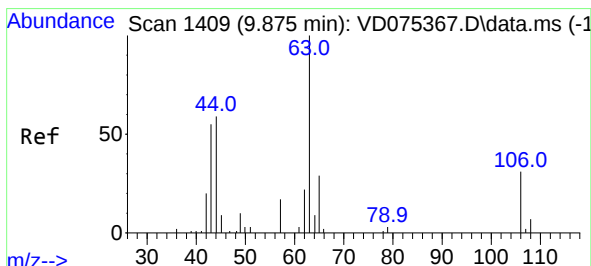
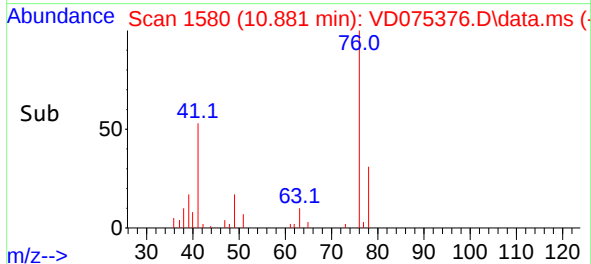
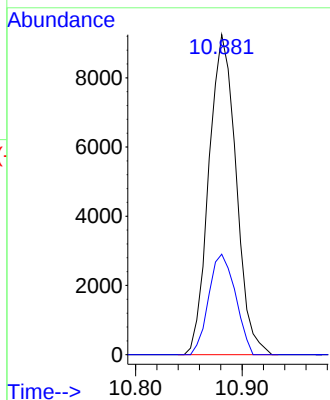
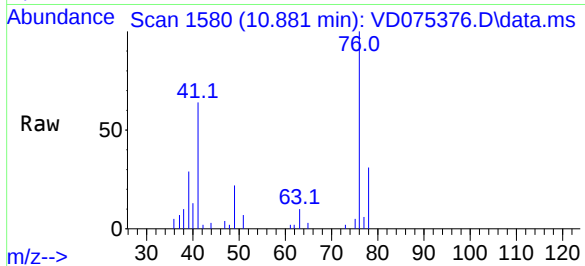




#57
1,3-Dichloropropane
Concen: 20.046 ug/l
RT: 10.881 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

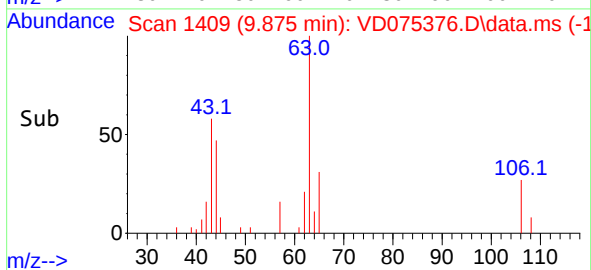
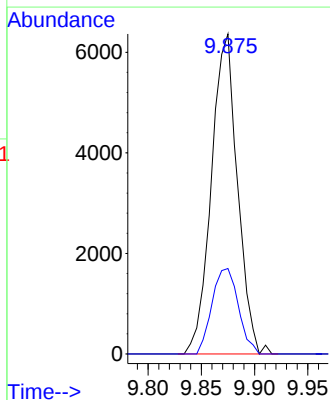
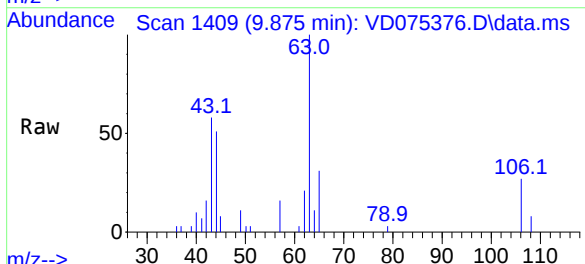
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

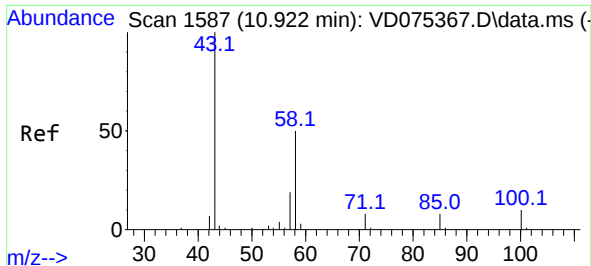
Tgt Ion: 76 Resp: 16413
Ion Ratio Lower Upper
76 100
78 30.8 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 100.592 ug/l
RT: 9.875 min Scan# 1409
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 63 Resp: 10853
Ion Ratio Lower Upper
63 100
106 26.9 21.4 32.2

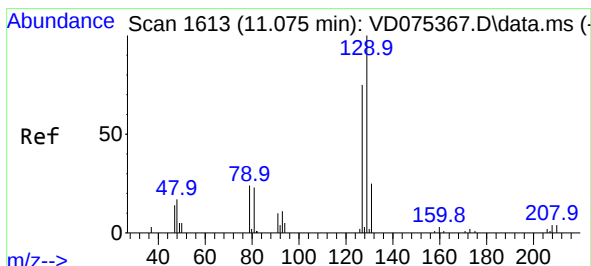
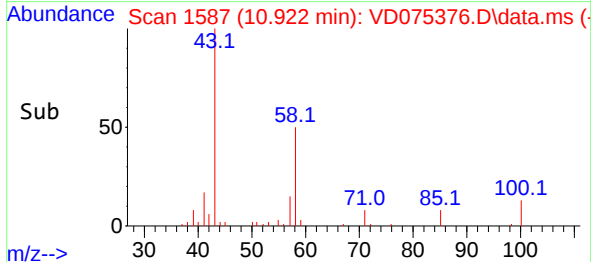
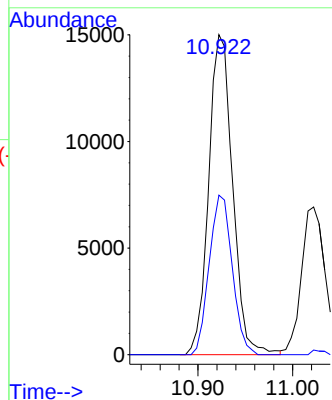
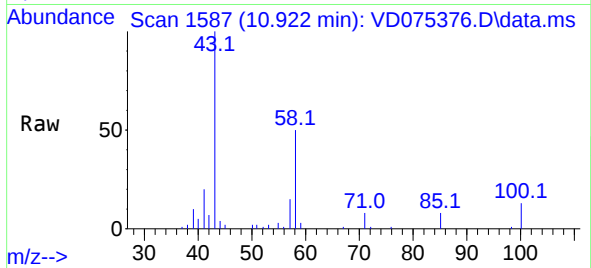




#59
2-Hexanone
Concen: 99.405 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

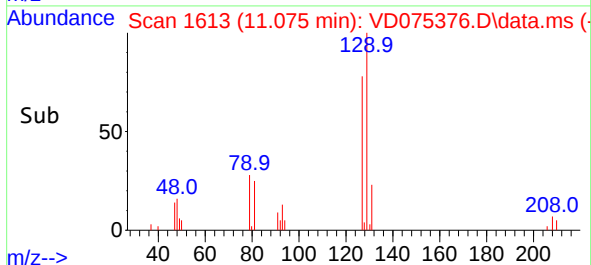
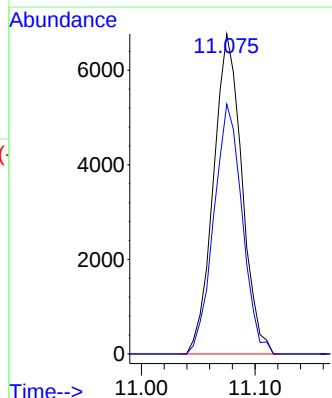
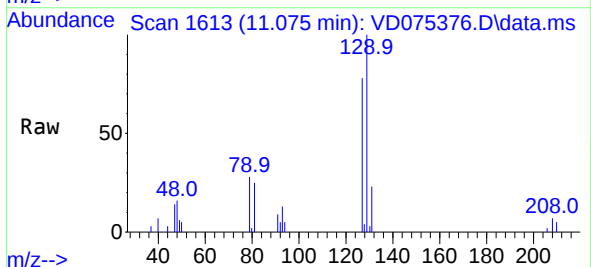
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

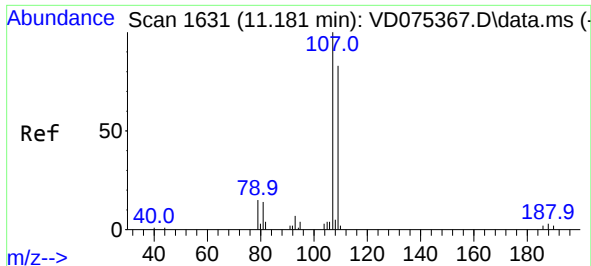
Tgt Ion: 43 Resp: 26370
Ion Ratio Lower Upper
43 100
58 48.0 25.3 75.8



#60
Dibromochloromethane
Concen: 19.413 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 129 Resp: 11799
Ion Ratio Lower Upper
129 100
127 77.8 38.1 114.5

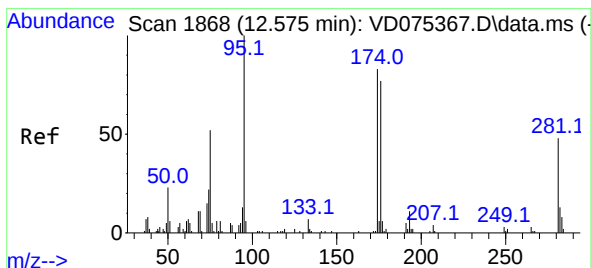
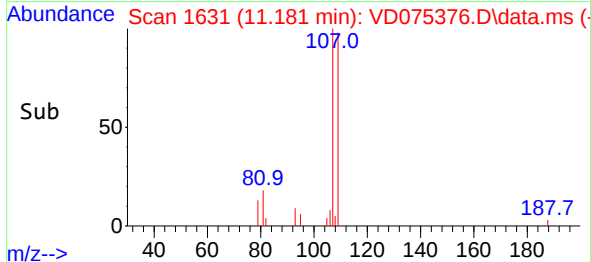
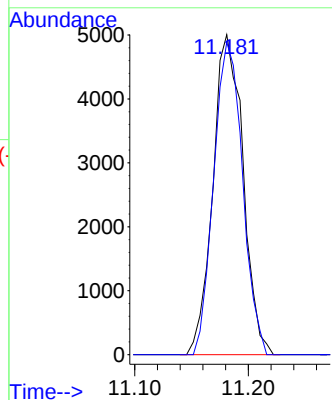
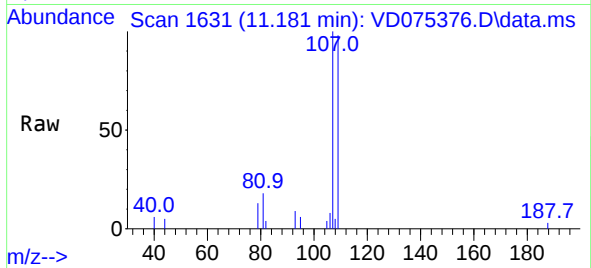




#61
1,2-Dibromoethane
Concen: 20.410 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

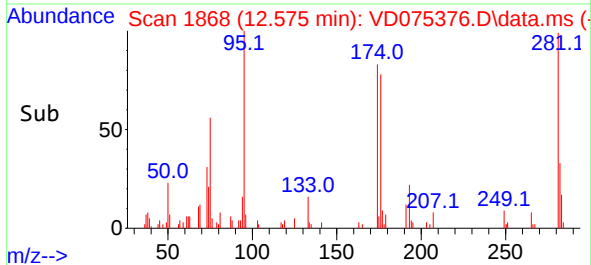
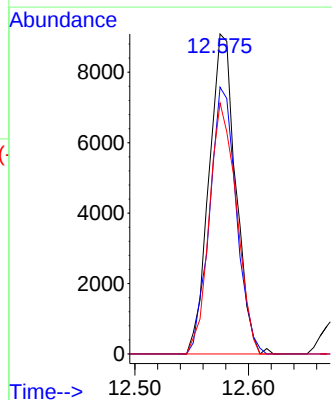
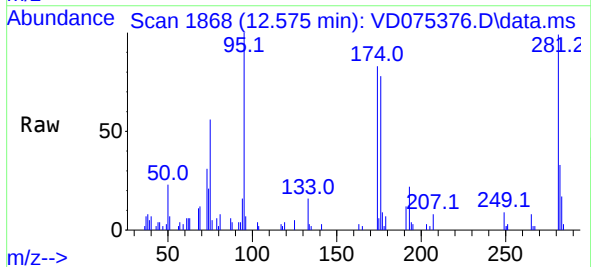
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

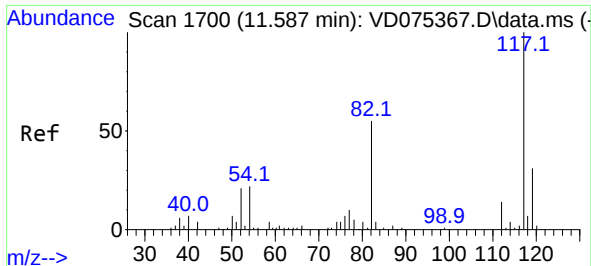
Tgt Ion:107 Resp: 9200
Ion Ratio Lower Upper
107 100
109 93.6 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 21.756 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 95 Resp: 14849
Ion Ratio Lower Upper
95 100
174 83.5 0.0 164.0
176 79.9 0.0 156.8

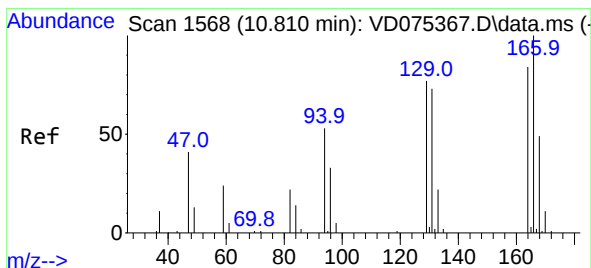
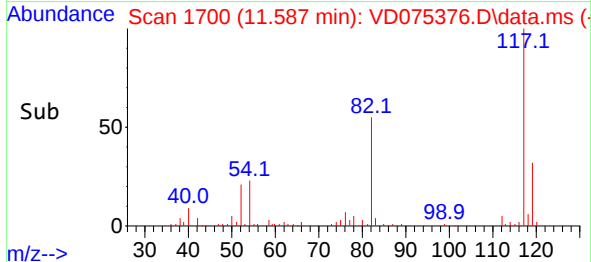
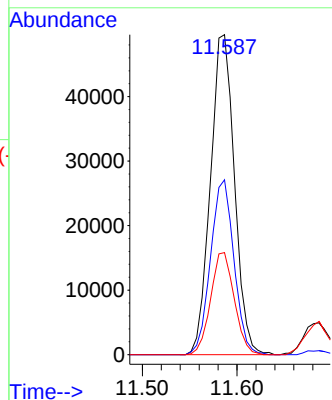
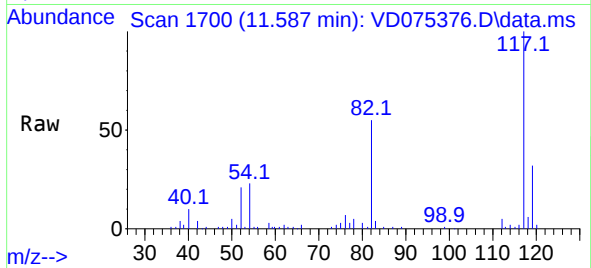




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

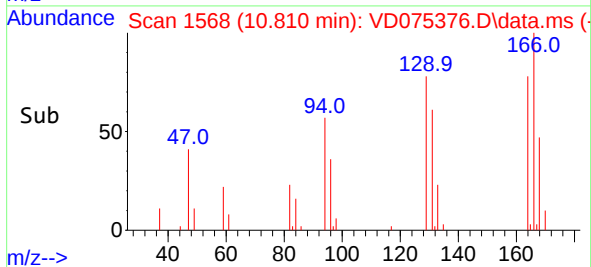
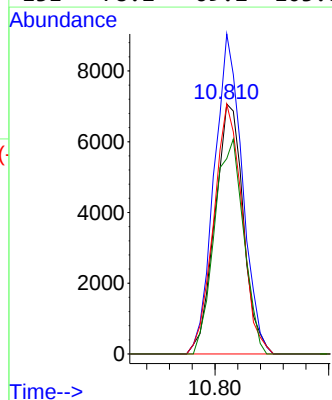
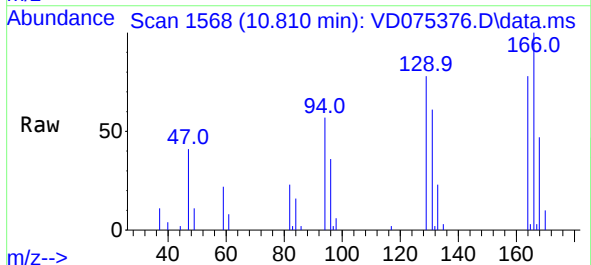
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

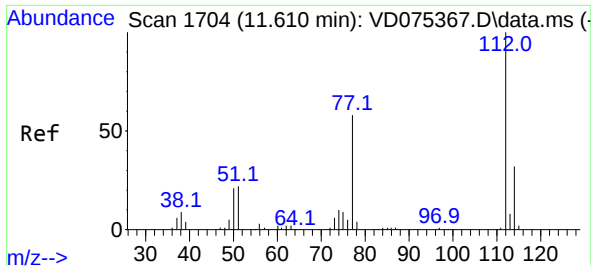
Tgt Ion:117 Resp: 87389
Ion Ratio Lower Upper
117 100
82 54.6 44.0 66.0
119 31.9 25.1 37.7



#64
Tetrachloroethene
Concen: 19.664 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion:164 Resp: 12300
Ion Ratio Lower Upper
164 100
166 128.0 94.9 142.3
129 100.0 73.0 109.6
131 78.2 69.2 103.8

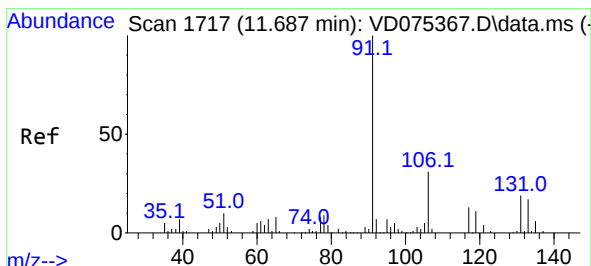
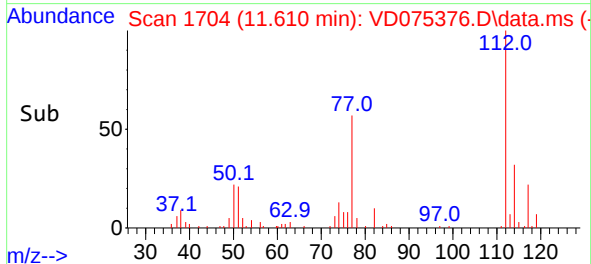
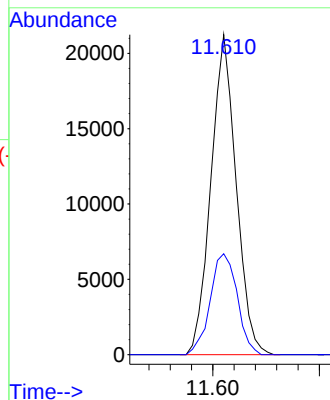
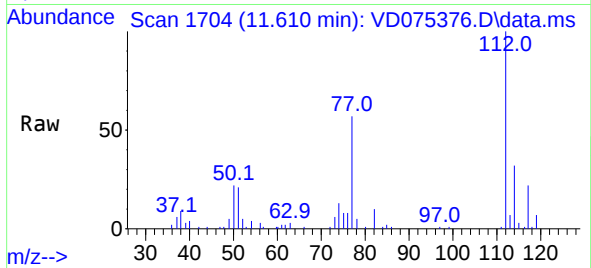




#65
Chlorobenzene
Concen: 19.102 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

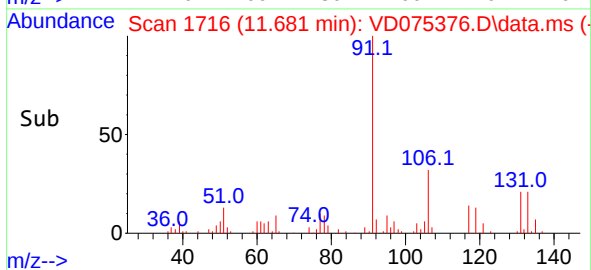
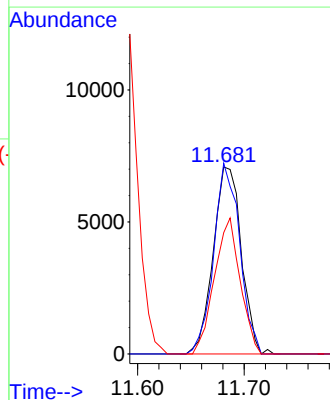
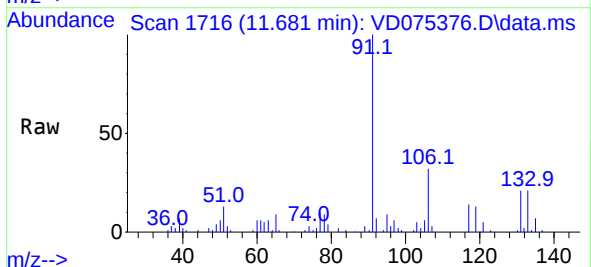
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

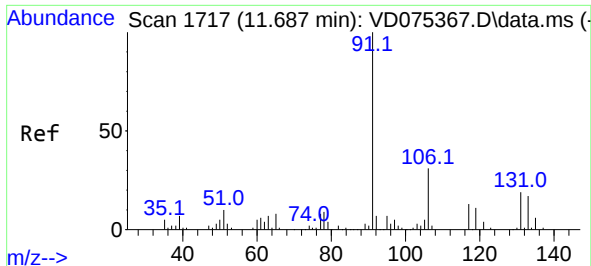
Tgt Ion:112 Resp: 34915
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.559 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion:131 Resp: 12982
Ion Ratio Lower Upper
131 100
133 94.3 46.7 140.0
119 66.7 31.9 95.9

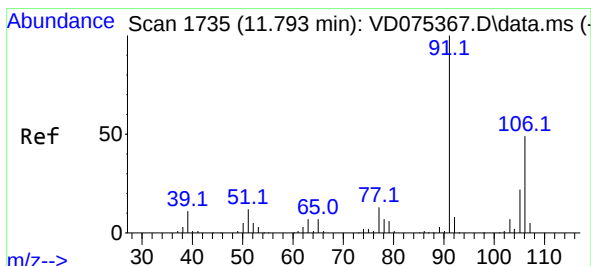
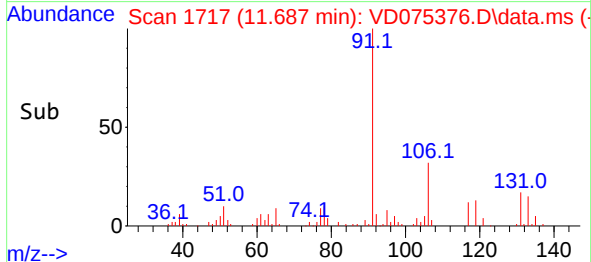
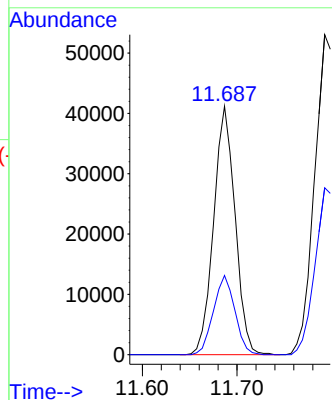
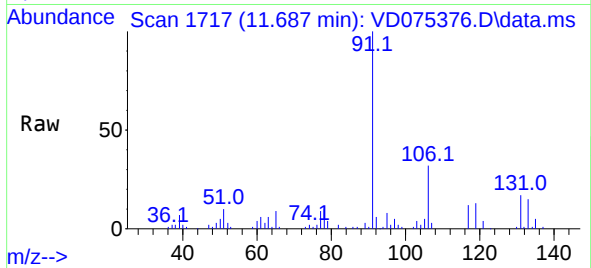




#67
Ethyl Benzene
Concen: 19.574 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

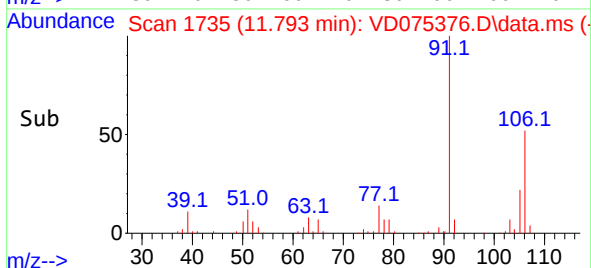
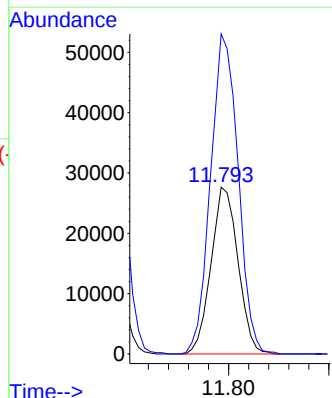
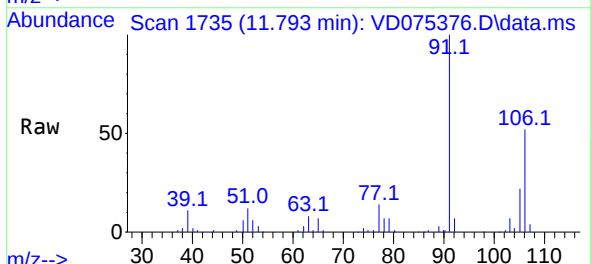
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

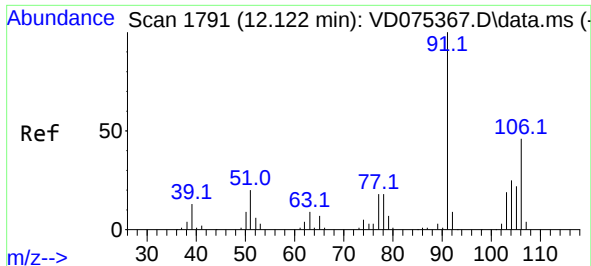
Tgt Ion: 91 Resp: 64886
Ion Ratio Lower Upper
91 100
106 31.9 24.5 36.7



#68
m/p-Xylenes
Concen: 39.683 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 106 Resp: 51562
Ion Ratio Lower Upper
106 100
91 196.2 161.5 242.3

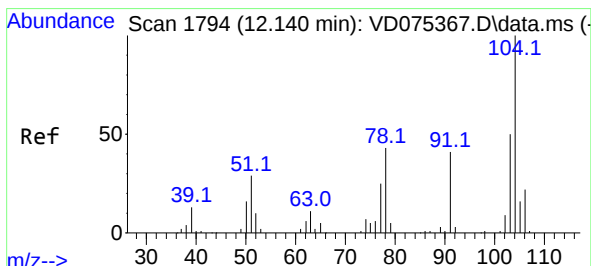
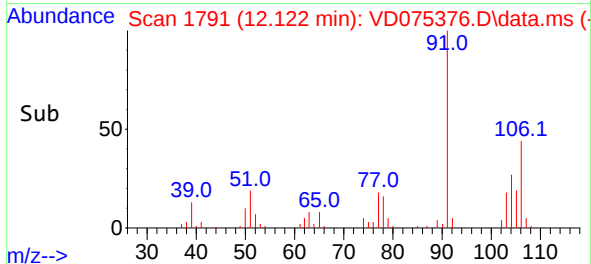
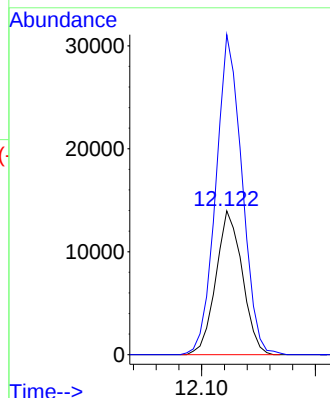
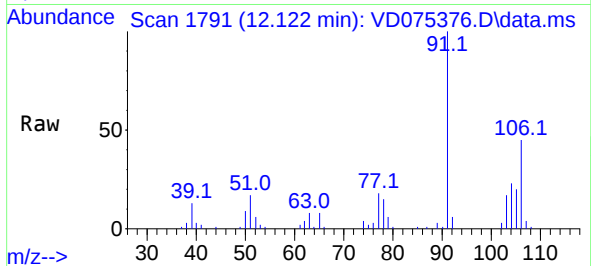




#69
o-Xylene
Concen: 18.979 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

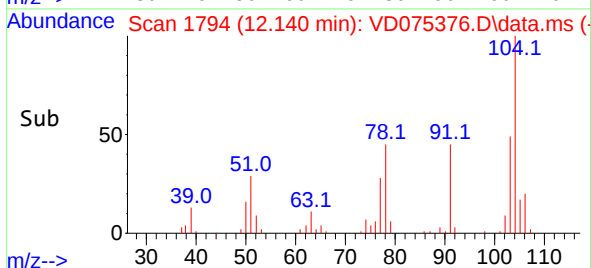
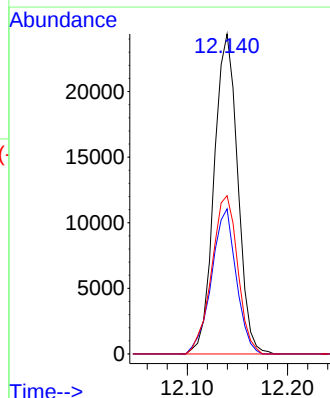
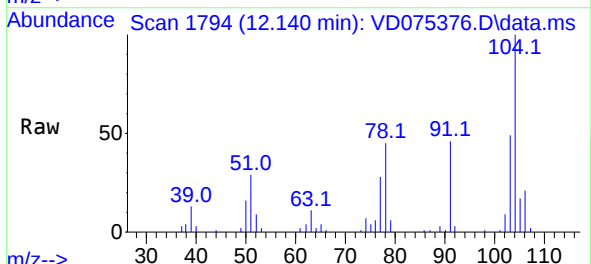
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

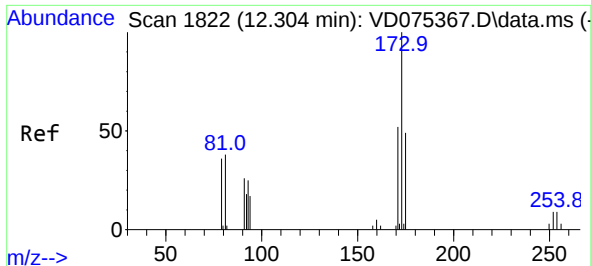
Tgt Ion:106 Resp: 22585
Ion Ratio Lower Upper
106 100
91 220.2 105.7 317.1



#70
Styrene
Concen: 20.045 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion:104 Resp: 39810
Ion Ratio Lower Upper
104 100
78 47.4 40.2 60.4
103 54.5 44.2 66.2

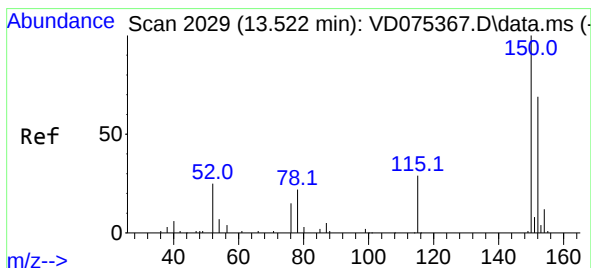
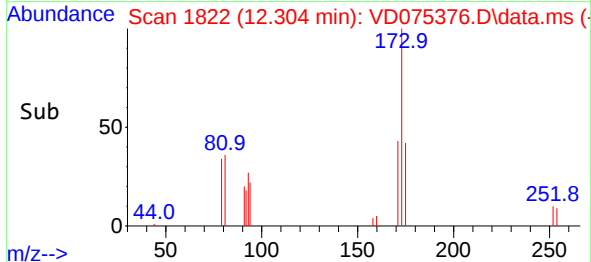
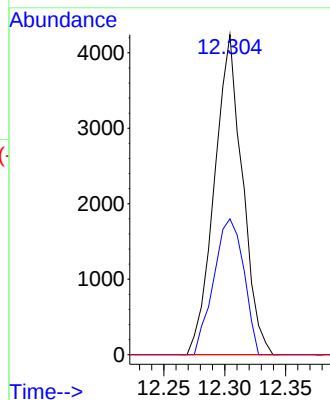
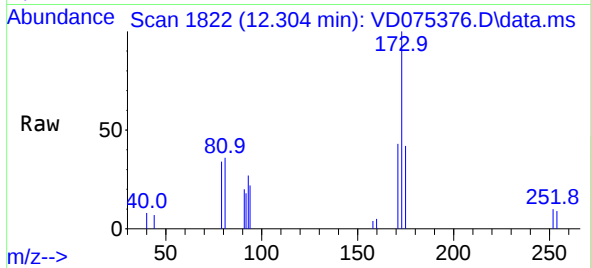




#71
Bromoform
Concen: 19.950 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

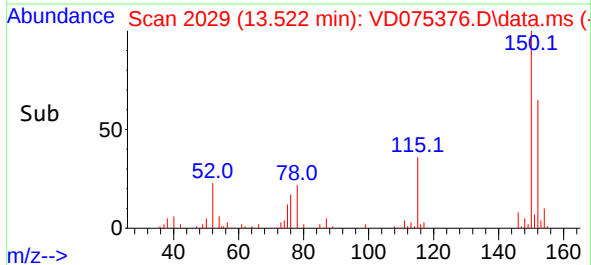
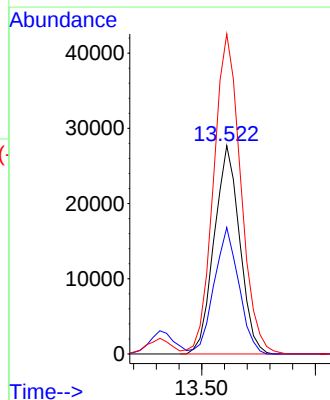
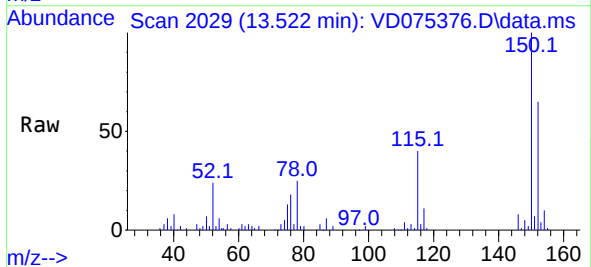
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

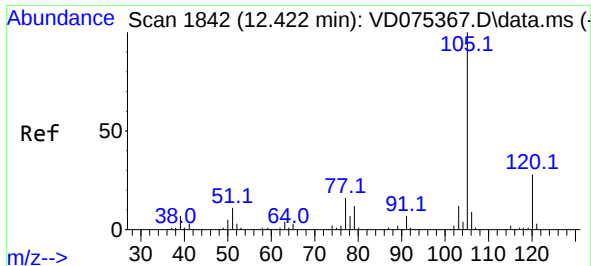
Tgt Ion:173 Resp: 6786
Ion Ratio Lower Upper
173 100
175 45.5 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion:152 Resp: 43152
Ion Ratio Lower Upper
152 100
115 59.1 30.1 90.3
150 164.2 0.0 364.8

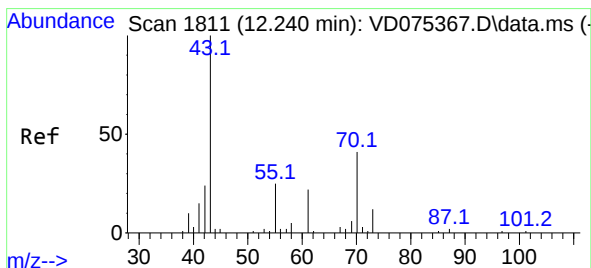
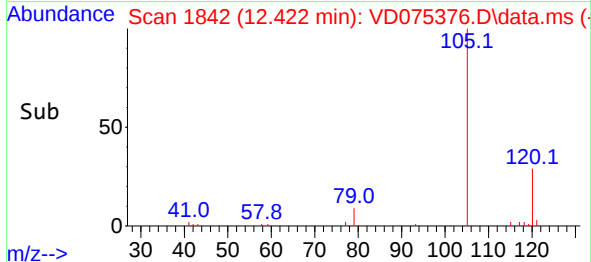
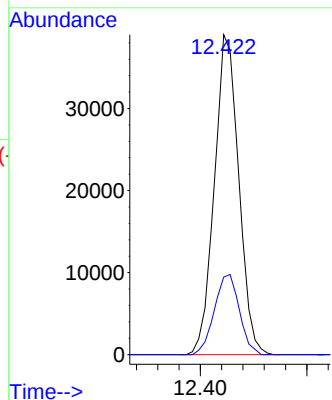
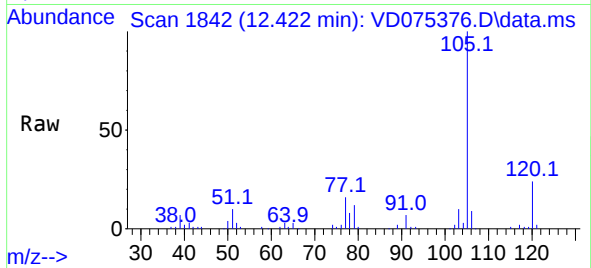




#73
Isopropylbenzene
Concen: 18.999 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

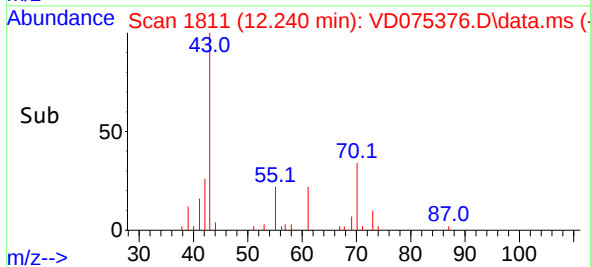
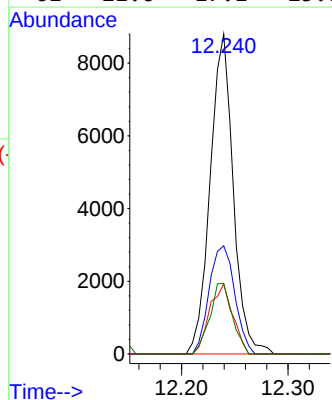
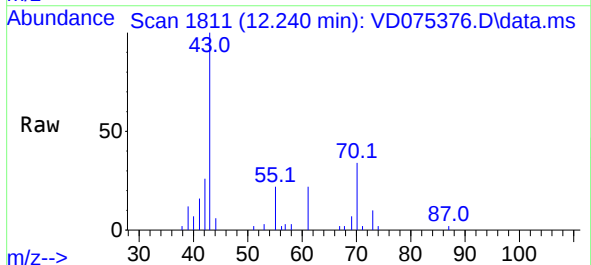
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

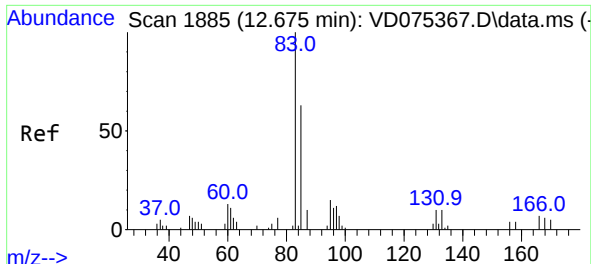
Tgt Ion:105 Resp: 61818
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1



#74
N-ethyl acetate
Concen: 19.048 ug/l
RT: 12.240 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 43 Resp: 13268
Ion Ratio Lower Upper
43 100
70 37.3 31.0 46.4
55 21.8 18.6 28.0
61 21.6 17.1 25.7

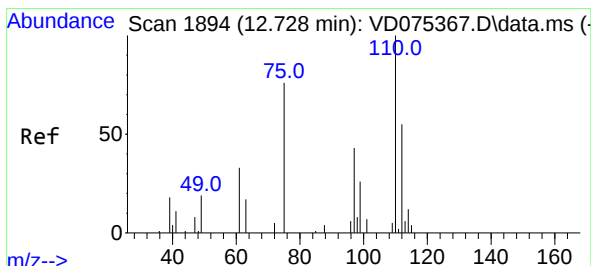
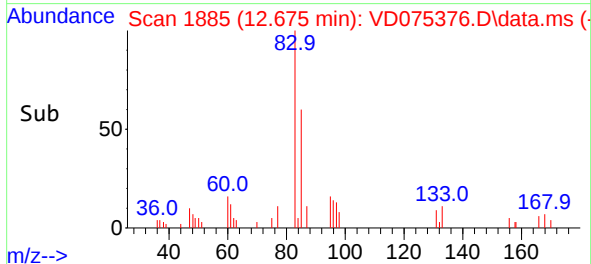
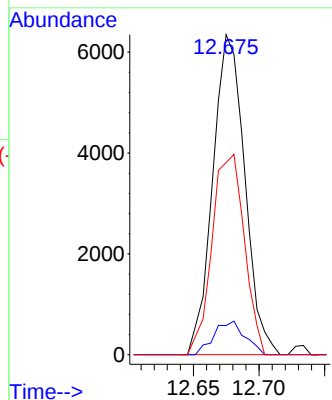
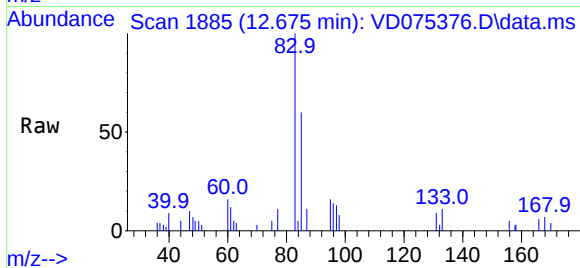




#75
1,1,2,2-Tetrachloroethane
Concen: 19.730 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

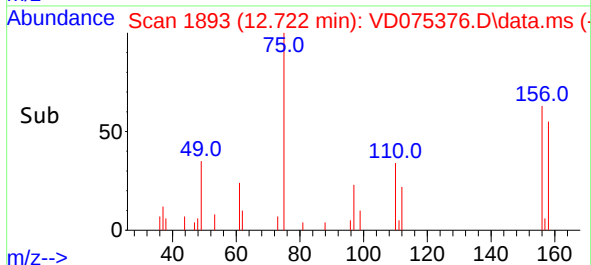
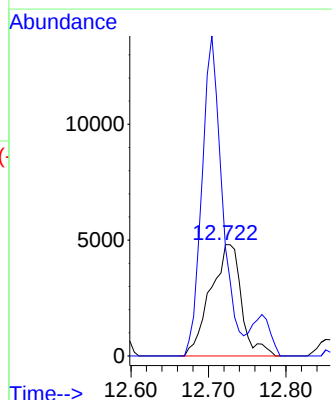
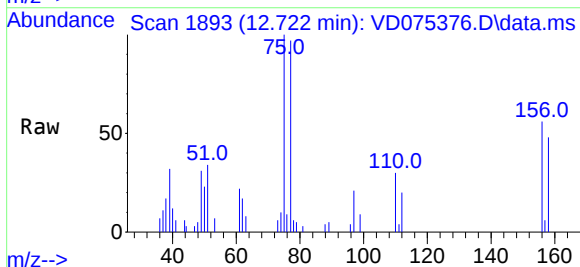
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

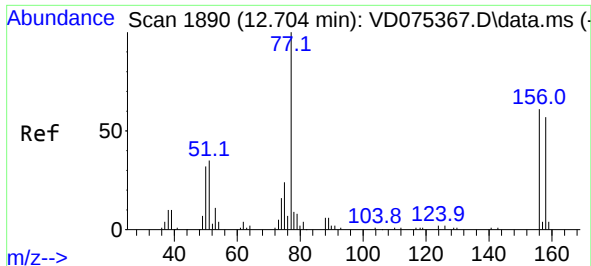
Tgt Ion: 83 Resp: 10758
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.2
85 63.2 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 42.588 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 75 Resp: 13290
Ion Ratio Lower Upper
75 100
77 190.2 0.0 0.0#

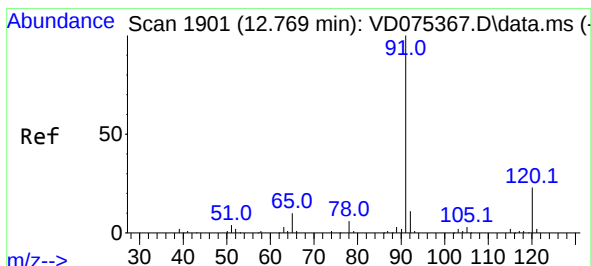
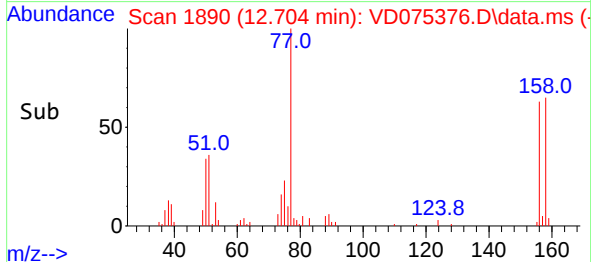
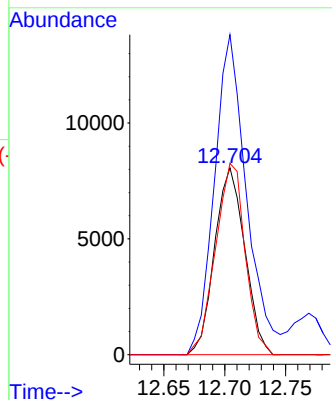
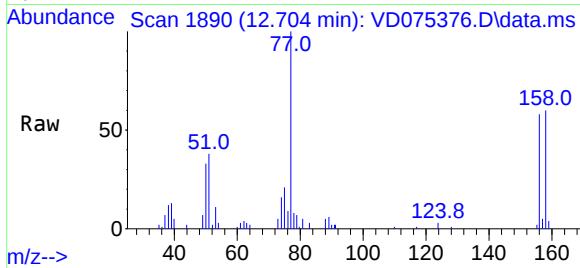




#77
Bromobenzene
Concen: 18.920 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

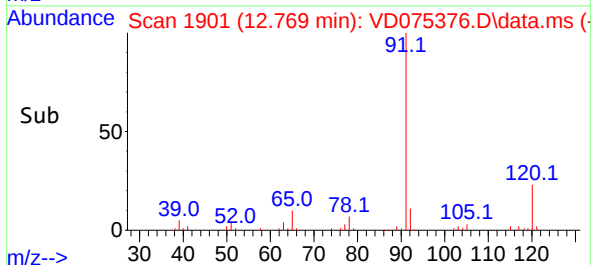
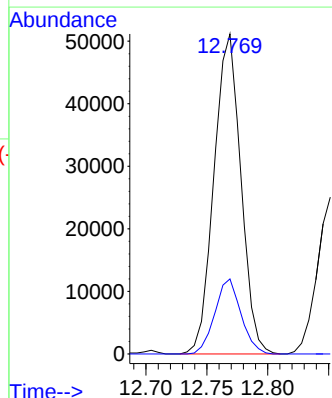
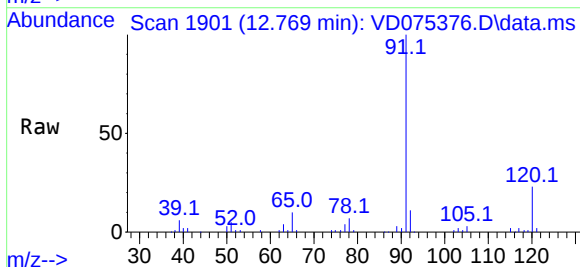
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

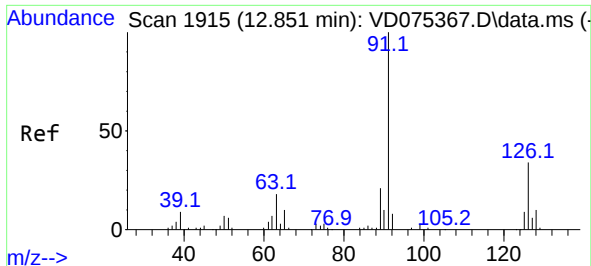
Tgt Ion:156 Resp: 13914
Ion Ratio Lower Upper
156 100
77 181.7 89.5 268.6
158 100.2 47.8 143.4



#78
n-propylbenzene
Concen: 19.326 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 91 Resp: 78678
Ion Ratio Lower Upper
91 100
120 22.8 11.4 34.2

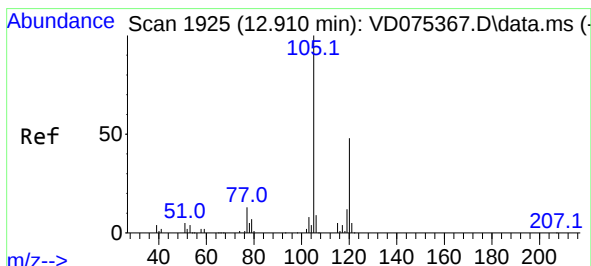
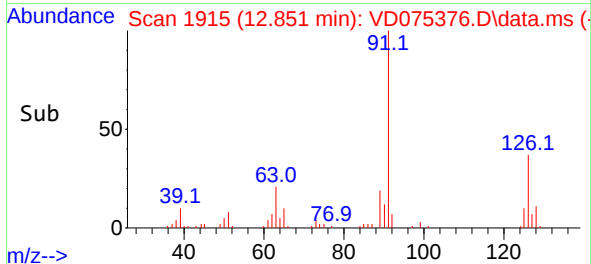
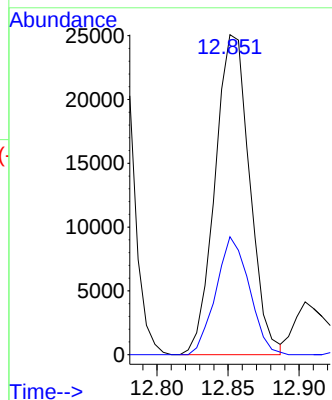
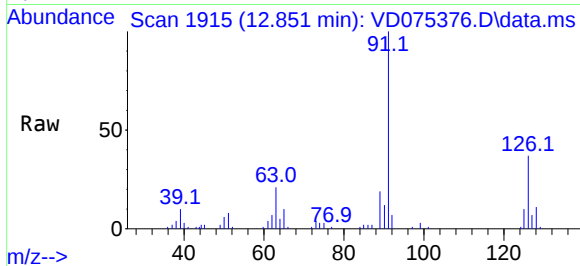




#79
2-Chlorotoluene
Concen: 19.359 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

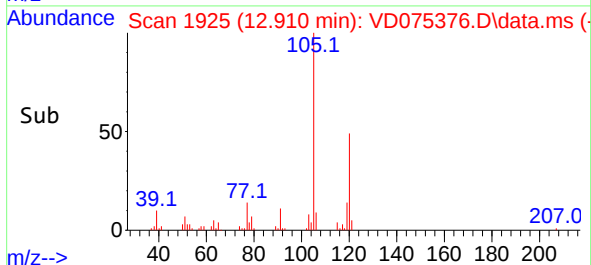
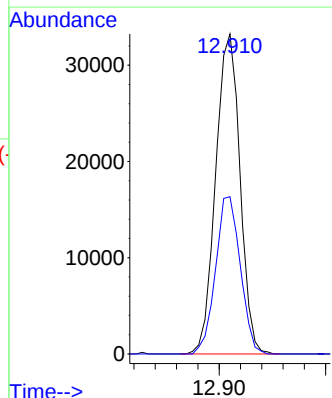
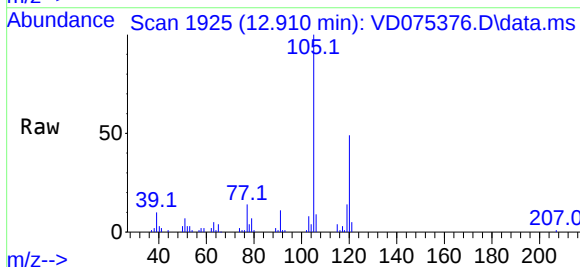
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

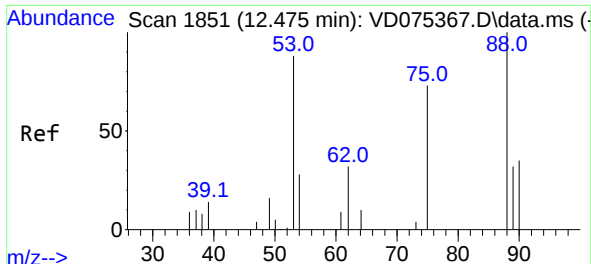
Tgt Ion: 91 Resp: 42560
Ion Ratio Lower Upper
91 100
126 35.5 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 19.512 ug/l
RT: 12.910 min Scan# 1925
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 105 Resp: 52541
Ion Ratio Lower Upper
105 100
120 50.1 24.3 72.8

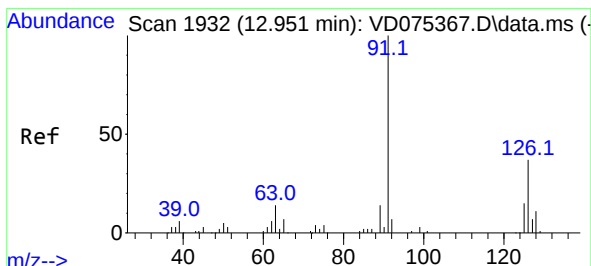
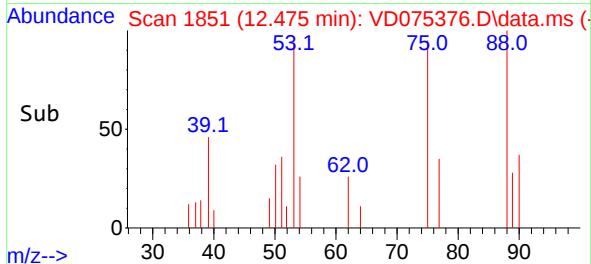
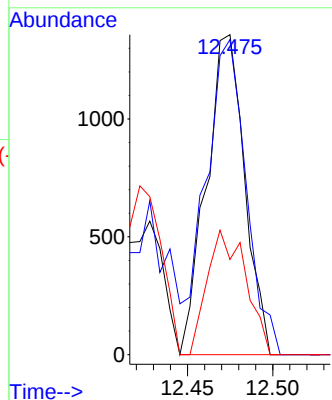
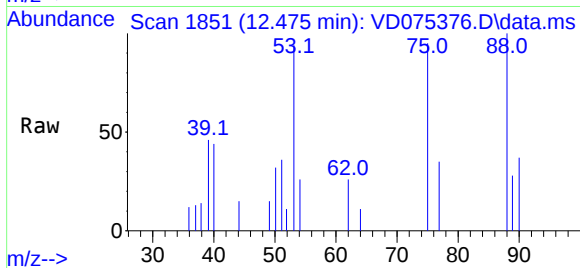




#81
trans-1,4-Dichloro-2-butene
Concen: 19.802 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

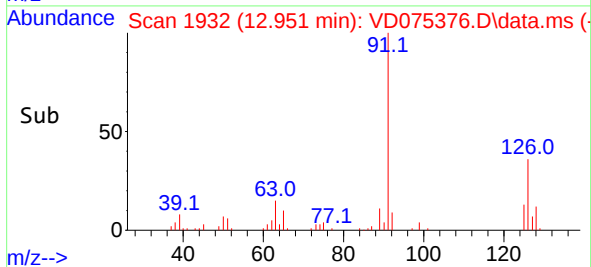
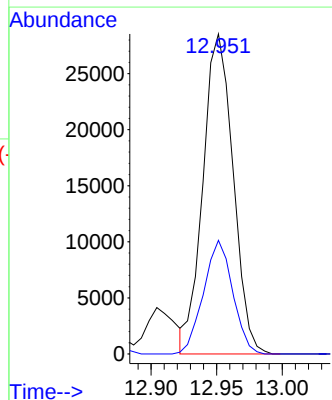
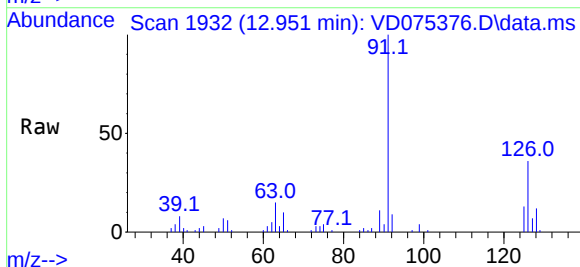
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

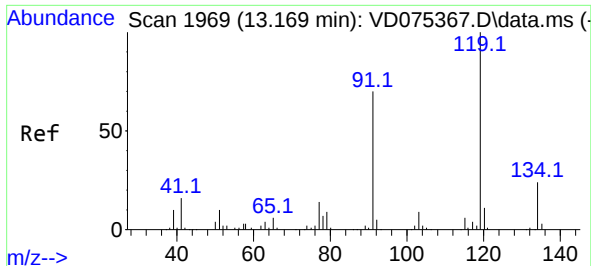
Tgt Ion: 75 Resp: 2117
Ion Ratio Lower Upper
75 100
53 103.6 90.5 135.7
89 39.3 40.2 60.4#



#82
4-Chlorotoluene
Concen: 19.695 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion: 91 Resp: 45681
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2

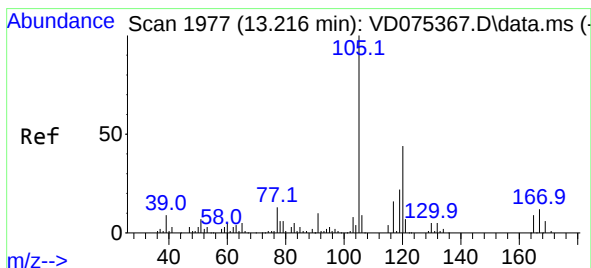
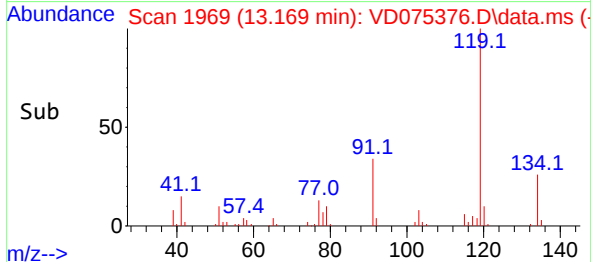
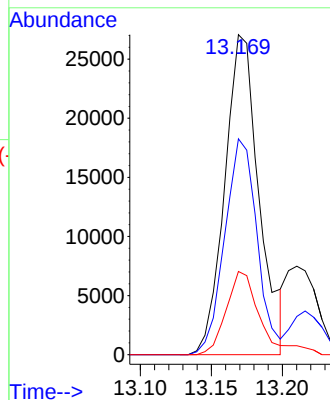
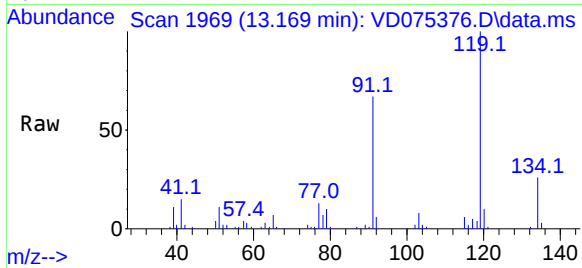




#83
tert-Butylbenzene
Concen: 19.496 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

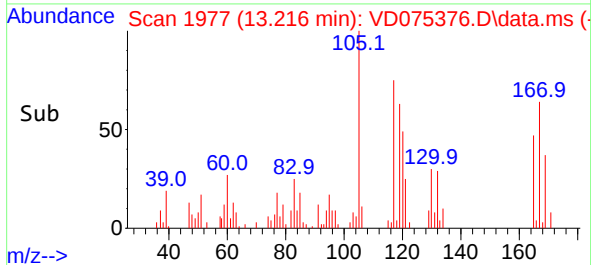
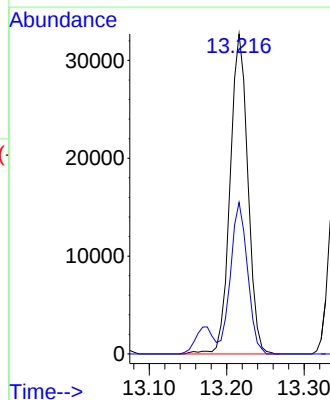
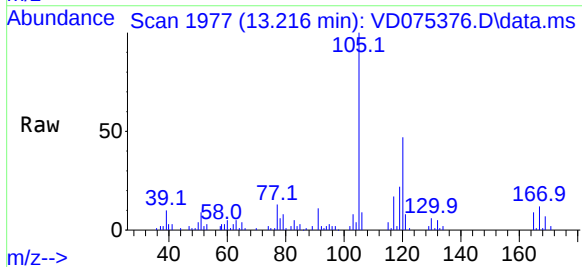
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

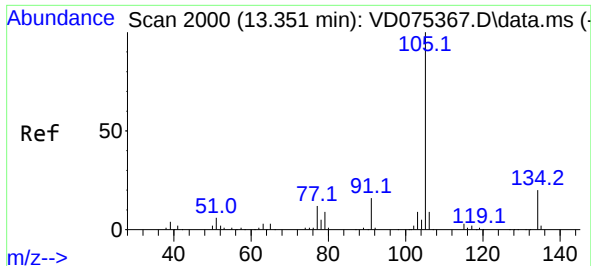
Tgt Ion:119 Resp: 45509
Ion Ratio Lower Upper
119 100
91 63.6 32.4 97.0
134 25.7 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 19.603 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion:105 Resp: 52137
Ion Ratio Lower Upper
105 100
120 45.5 22.3 66.9

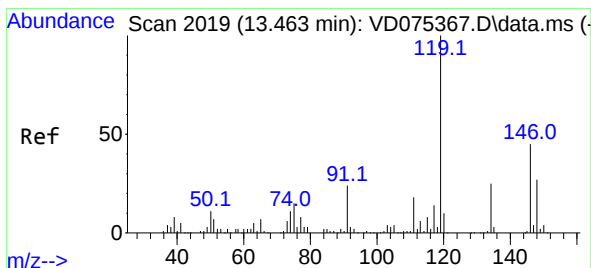
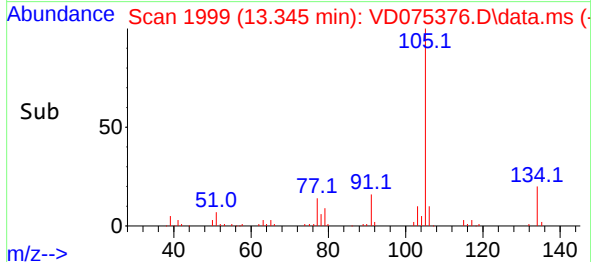
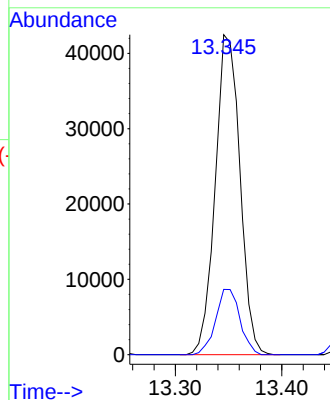
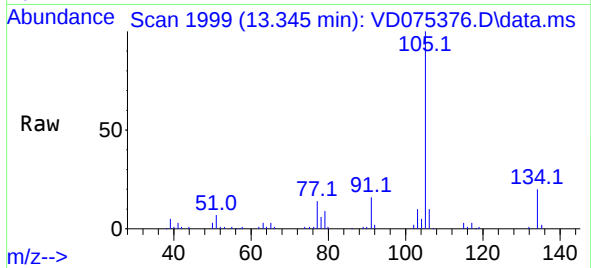




#85
 sec-Butylbenzene
 Concen: 19.013 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: VD075376.D
 Acq: 21 Feb 2023 12:05

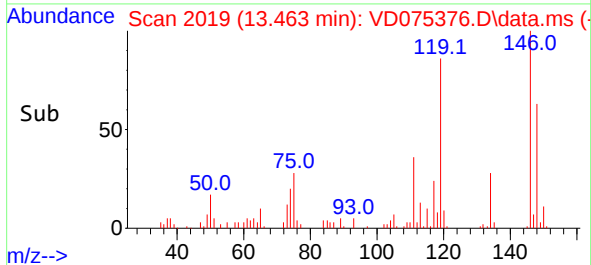
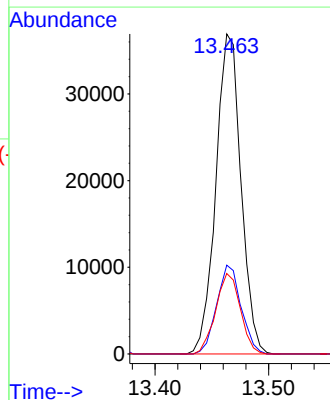
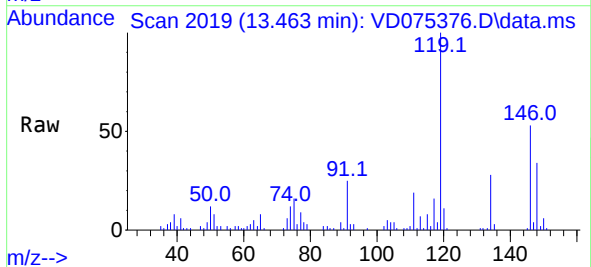
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

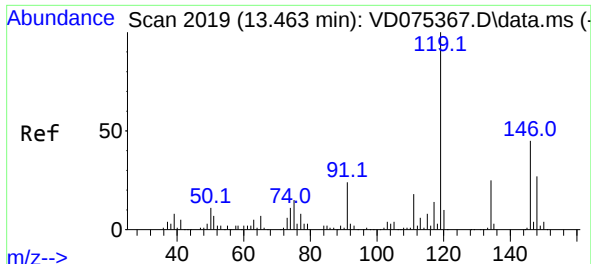
Tgt Ion:105 Resp: 68373
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 19.404 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075376.D
 Acq: 21 Feb 2023 12:05

Tgt Ion:119 Resp: 56687
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.3
 91 24.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.472 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

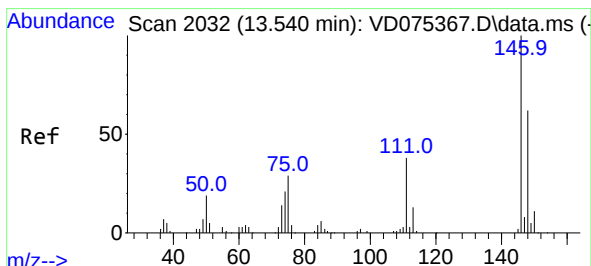
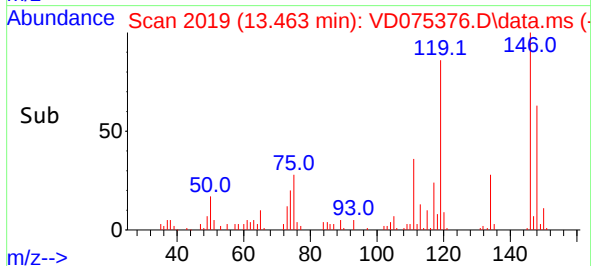
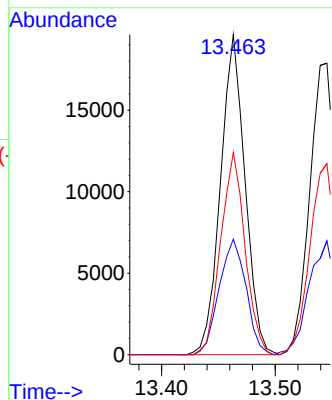
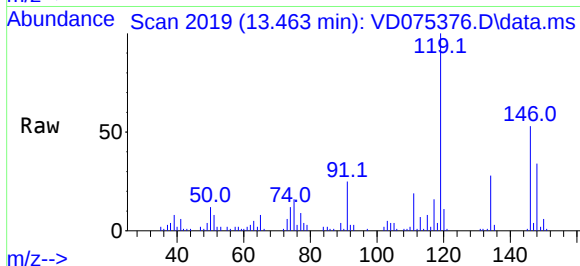
Tgt Ion:146 Resp: 29494

Ion Ratio Lower Upper

146 100

111 39.6 19.8 59.3

148 62.7 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 19.798 ug/l

RT: 13.545 min Scan# 2033

Delta R.T. 0.005 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

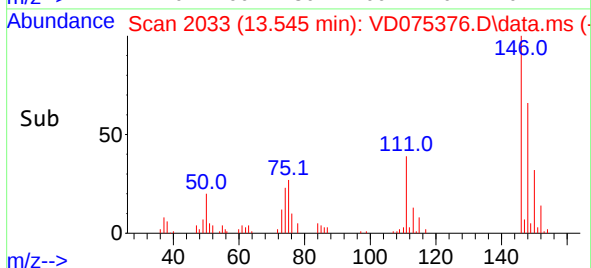
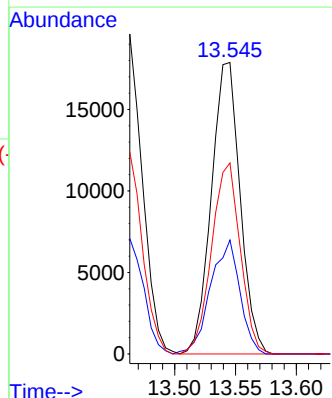
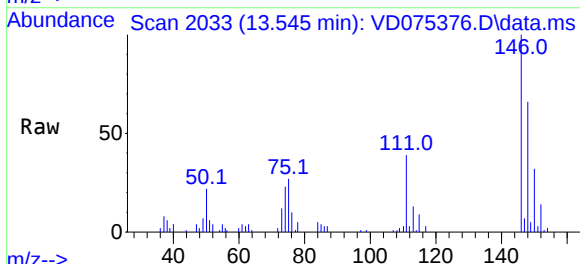
Tgt Ion:146 Resp: 29420

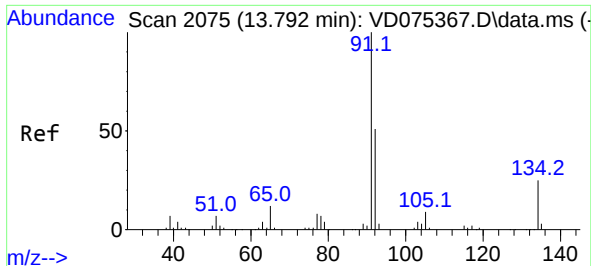
Ion Ratio Lower Upper

146 100

111 39.8 19.6 58.8

148 65.2 31.7 95.1





#89

n-Butylbenzene

Concen: 19.359 ug/l

RT: 13.793 min Scan# 2075

Delta R.T. 0.001 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

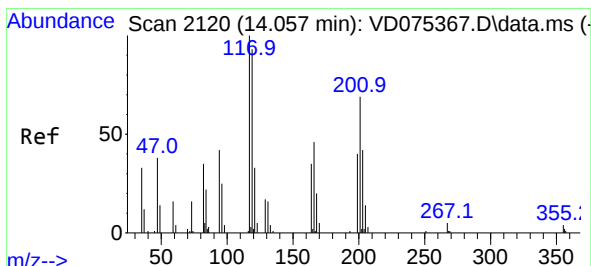
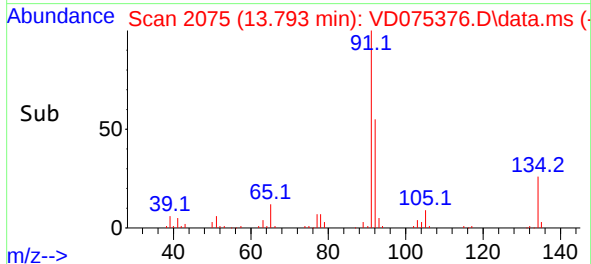
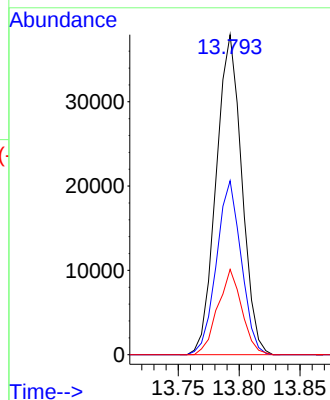
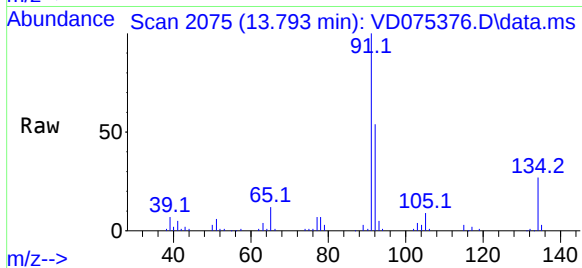
Tgt Ion: 91 Resp: 55638

Ion Ratio Lower Upper

91 100

92 52.5 26.2 78.5

134 25.0 12.7 38.0



#90

Hexachloroethane

Concen: 20.164 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD075376.D

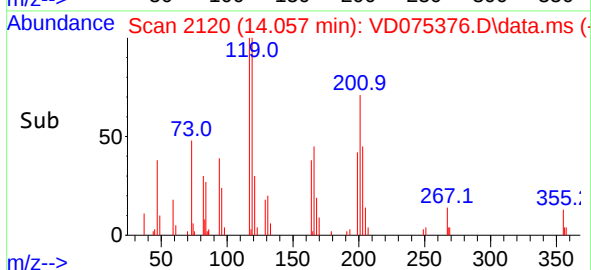
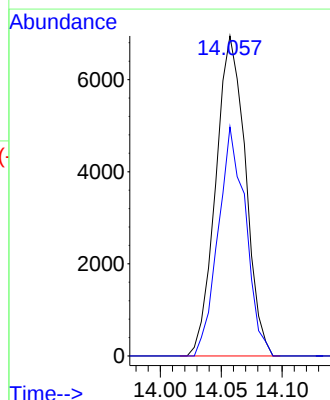
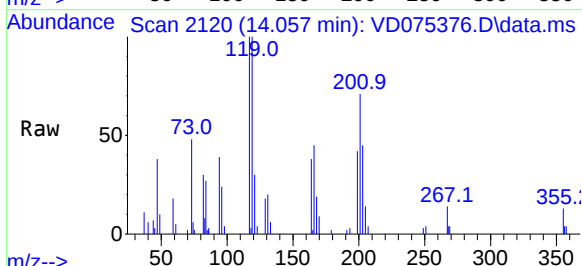
Acq: 21 Feb 2023 12:05

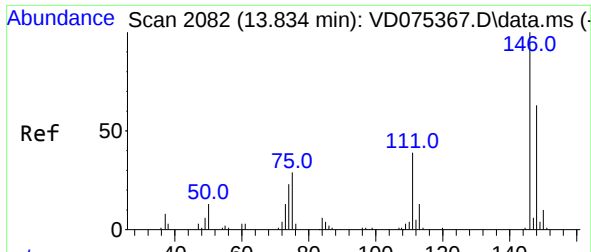
Tgt Ion: 117 Resp: 11817

Ion Ratio Lower Upper

117 100

201 66.0 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 19.836 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075376.D

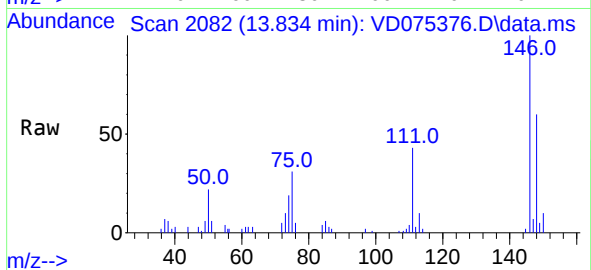
Acq: 21 Feb 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020



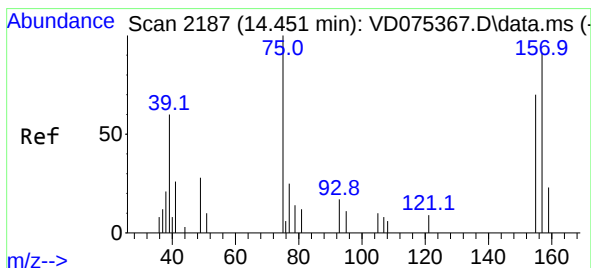
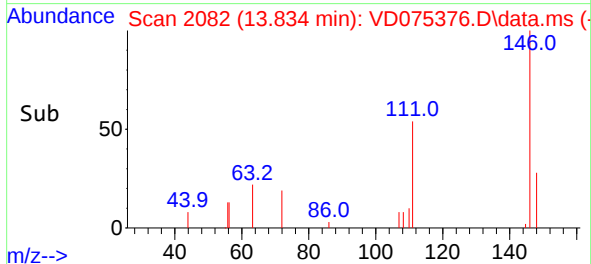
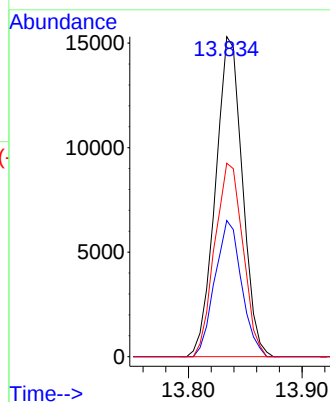
Tgt Ion:146 Resp: 25192

Ion Ratio Lower Upper

146 100

111 42.3 20.6 61.8

148 63.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.523 ug/l

RT: 14.457 min Scan# 2188

Delta R.T. 0.006 min

Lab File: VD075376.D

Acq: 21 Feb 2023 12:05

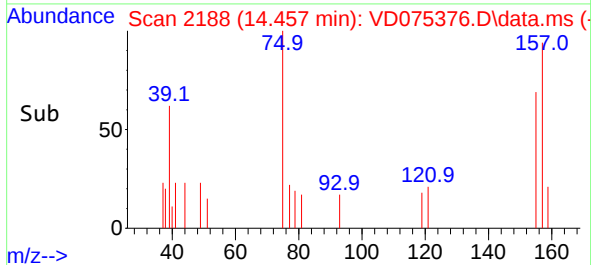
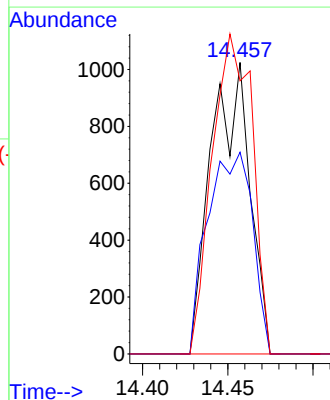
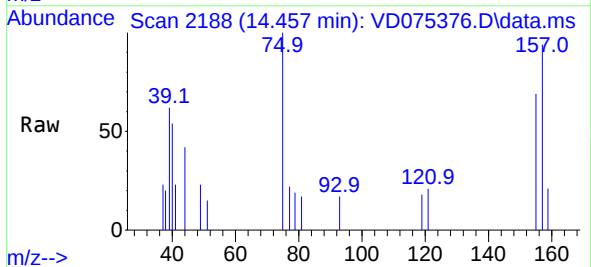
Tgt Ion: 75 Resp: 1617

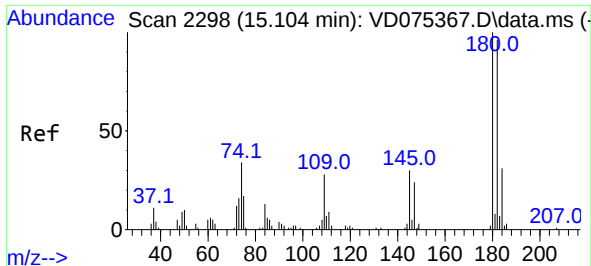
Ion Ratio Lower Upper

75 100

155 80.3 39.5 118.5

157 113.9 53.5 160.7

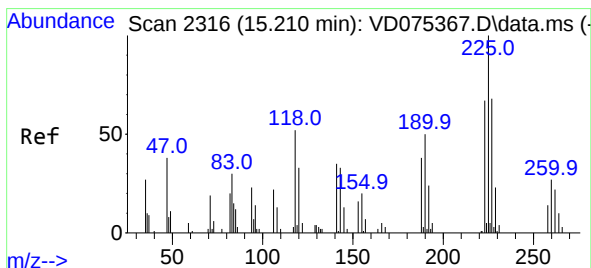
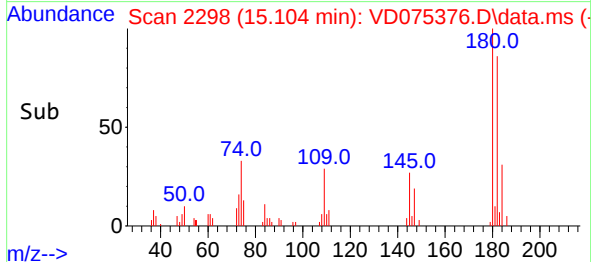
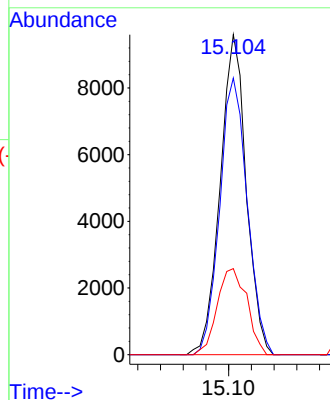
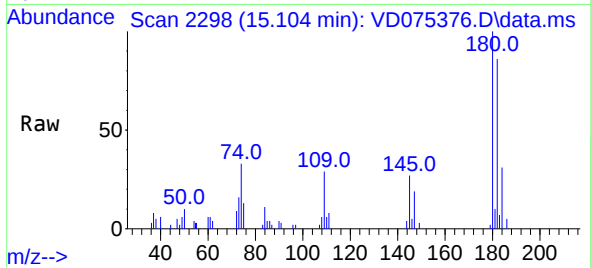




#93
1,2,4-Trichlorobenzene
Concen: 19.801 ug/l
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

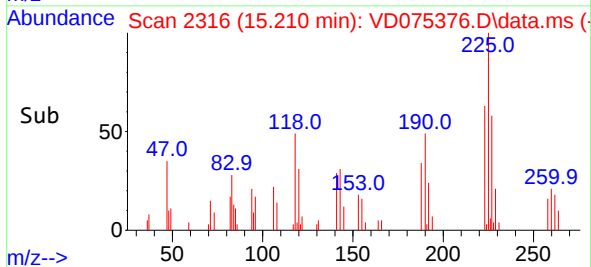
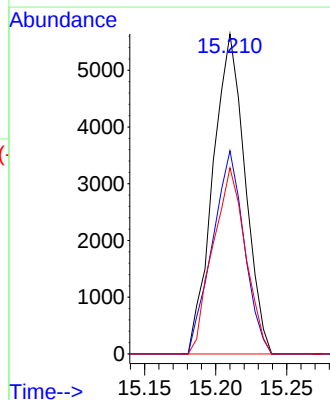
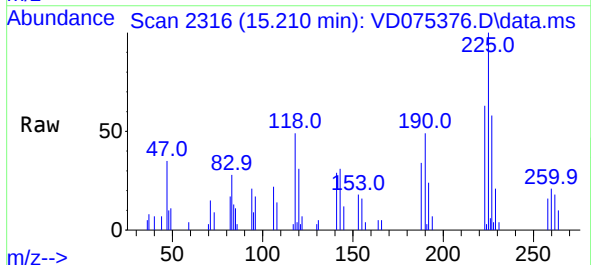
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

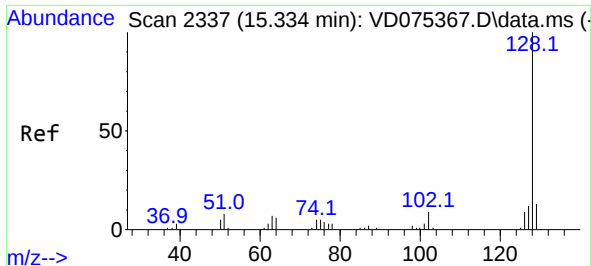
Tgt Ion:180	Resp:	15291
Ion Ratio	Lower	Upper
180	100	
182	91.3	47.9 143.7
145	30.6	15.9 47.7



#94
Hexachlorobutadiene
Concen: 19.889 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion:225	Resp:	8890
Ion Ratio	Lower	Upper
225	100	
223	62.7	33.1 99.2
227	58.9	31.9 95.9

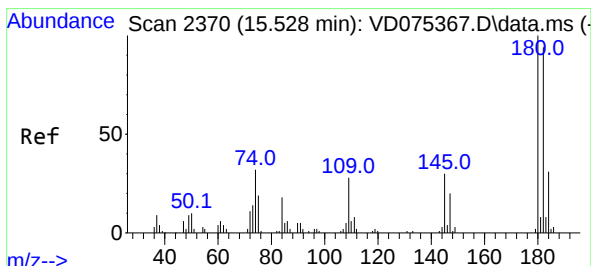
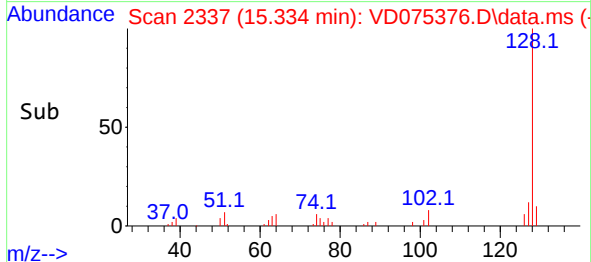
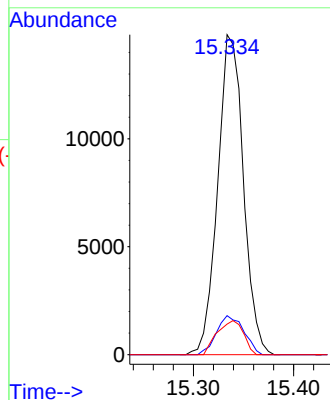
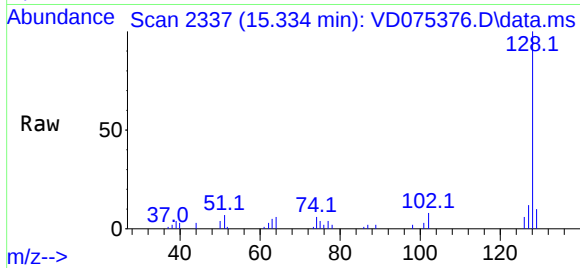




#95
Naphthalene
Concen: 19.304 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:	128	Resp:	26374
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.263 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075376.D
Acq: 21 Feb 2023 12:05

Tgt Ion:	180	Resp:	12578
Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.7	143.1
145	36.9	16.4	49.4

