

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121422\
 Data File : VD075018.D
 Acq On : 14 Dec 2022 12:57
 Operator : KP/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 15 03:05:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121422S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 15 03:01:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	217981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	292807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	262994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	124881	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	156388	100.252	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 200.500%#	
35) Dibromofluoromethane	7.805	113	244359	133.339	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 266.680%#	
50) Toluene-d8	10.269	98	713438	126.995	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 253.980%#	
62) 4-Bromofluorobenzene	12.575	95	247089	136.985	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 273.980%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.928	85	160976	125.486	ug/l	97
3) Chloromethane	2.146	50	277005	113.611	ug/l	97
4) Vinyl Chloride	2.275	62	345410	130.970	ug/l	99
5) Bromomethane	2.664	94	233571	122.010	ug/l	100
6) Chloroethane	2.822	64	254814	130.615	ug/l	97
7) Trichlorofluoromethane	3.164	101	431838	134.467	ug/l	95
8) Diethyl Ether	3.587	74	130958	136.421	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.958	101	286579	136.952	ug/l	99
10) Methyl Iodide	4.158	142	290211	177.820	ug/l	99
11) Tert butyl alcohol	5.058	59	74991	635.045	ug/l	97
12) 1,1-Dichloroethene	3.934	96	275963	137.673	ug/l	97
13) Acrolein	3.793	56	146901	683.996	ug/l	99
14) Allyl chloride	4.558	41	318593	139.067	ug/l	99
15) Acrylonitrile	5.258	53	282773	698.045	ug/l	99
16) Acetone	4.017	43	294602	727.729	ug/l	94
17) Carbon Disulfide	4.264	76	610215	133.578	ug/l	99
18) Methyl Acetate	4.564	43	126062	112.939	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	608687	142.755	ug/l	99
20) Methylene Chloride	4.799	84	312498	100.037	ug/l	97
21) trans-1,2-Dichloroethene	5.305	96	301859	138.110	ug/l	96
22) Diisopropyl ether	6.216	45	745958	142.313	ug/l	99
23) Vinyl Acetate	6.158	43	1813281	824.466	ug/l	99
24) 1,1-Dichloroethane	6.111	63	509467	136.959	ug/l	98
25) 2-Butanone	7.081	43	356449	699.099	ug/l	93
26) 2,2-Dichloropropane	7.075	77	480589	137.470	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	364069	140.914	ug/l	100
28) Bromochloromethane	7.428	49	157569	132.465	ug/l	99
29) Tetrahydrofuran	7.446	42	191829	702.898	ug/l	99
30) Chloroform	7.599	83	550128	135.615	ug/l	98
31) Cyclohexane	7.875	56	382380	137.118	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	483911	139.442	ug/l	99
36) 1,1-Dichloropropene	8.010	75	337604	140.203	ug/l	99
37) Ethyl Acetate	7.169	43	142905	151.653	ug/l	97
38) Carbon Tetrachloride	7.987	117	339416	150.674	ug/l	96
39) Methylcyclohexane	9.275	83	396846	161.879	ug/l	99
40) Benzene	8.252	78	995356	137.628	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	79833	163.422	ug/l	96
42) 1,2-Dichloroethane	8.328	62	234607	135.191	ug/l	99
43) Isopropyl Acetate	8.363	43	234538	148.379	ug/l	99
44) Trichloroethene	9.028	130	281679	148.826	ug/l	94
45) 1,2-Dichloropropane	9.304	63	248892	151.793	ug/l	99
46) Dibromomethane	9.393	93	135224	151.800	ug/l	99
47) Bromodichloromethane	9.587	83	346049	153.028	ug/l	98
48) Methyl methacrylate	9.381	41	111810	161.135	ug/l	95
49) 1,4-Dioxane	9.387	88	31548	3163.943	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	617801	781.963	ug/l	99
52) Toluene	10.334	92	662486	155.036	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	334107	160.305	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	400611	158.439	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	195897	150.600	ug/l	97
56) Ethyl methacrylate	10.599	69	234782	164.412	ug/l	100
57) 1,3-Dichloropropane	10.881	76	317380	150.615	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	494400	851.983	ug/l	99
59) 2-Hexanone	10.922	43	467777	812.991	ug/l	99
60) Dibromochloromethane	11.075	129	231040	152.063	ug/l	99
61) 1,2-Dibromoethane	11.181	107	176913	150.667	ug/l	99
64) Tetrachloroethene	10.810	164	227414	148.729	ug/l	99
65) Chlorobenzene	11.610	112	722338	149.576	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	264580	155.858	ug/l	99
67) Ethyl Benzene	11.687	91	1338187	160.388	ug/l	99
68) m/p-Xylenes	11.793	106	1046949	319.776	ug/l	99
69) o-Xylene	12.122	106	495303	159.703	ug/l	99
70) Styrene	12.134	104	851635	159.769	ug/l	100
71) Bromoform	12.298	173	130718	149.811	ug/l #	99
73) Isopropylbenzene	12.422	105	1311347	158.779	ug/l	100
74) N-amyl acetate	12.234	43	227029	157.300	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	214461	144.459	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	261863	241.512	ug/l #	100
77) Bromobenzene	12.704	156	284284	151.292	ug/l	100
78) n-propylbenzene	12.763	91	1570873	155.356	ug/l	100
79) 2-Chlorotoluene	12.851	91	840549	152.591	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	1066966	156.287	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	66053	154.792	ug/l	98
82) 4-Chlorotoluene	12.951	91	859848	150.538	ug/l	100
83) tert-Butylbenzene	13.169	119	946163	160.954	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	1064157	157.203	ug/l	99
85) sec-Butylbenzene	13.345	105	1448563	158.314	ug/l	100
86) p-Isopropyltoluene	13.463	119	1231068	161.467	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	600480	151.198	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	565153	144.187	ug/l	99
89) n-Butylbenzene	13.787	91	1136928	159.508	ug/l	99
90) Hexachloroethane	14.057	117	210438	155.335	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	499455	147.336	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	29142	148.202	ug/l	98
93) 1,2,4-Trichlorobenzene	15.104	180	323488	154.828	ug/l	100
94) Hexachlorobutadiene	15.210	225	167270	155.471	ug/l	99
95) Naphthalene	15.334	128	623370	157.747	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	274902	155.130	ug/l	100

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Dec 15 03:01:37 2022
Response via : Initial Calibration

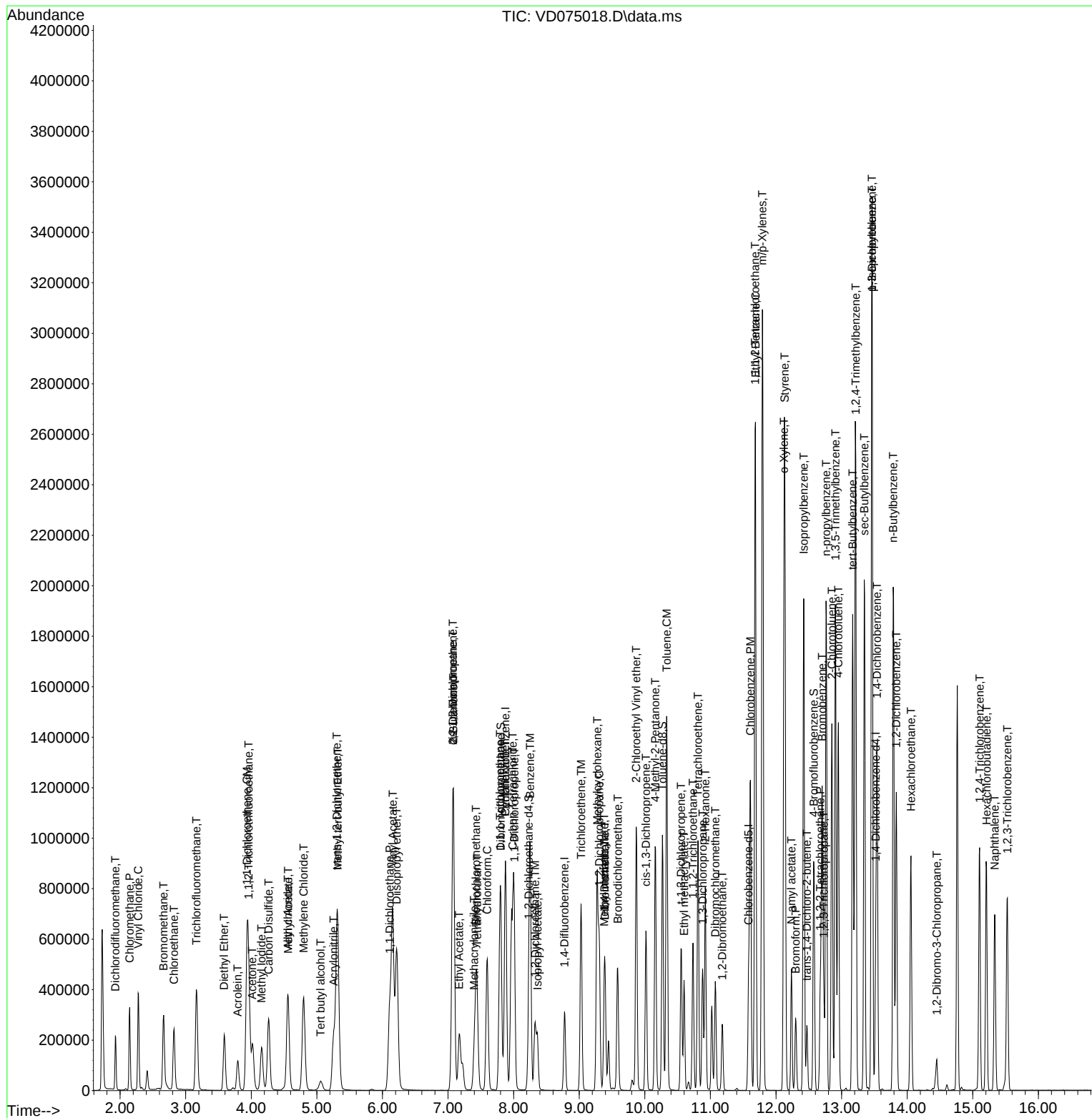
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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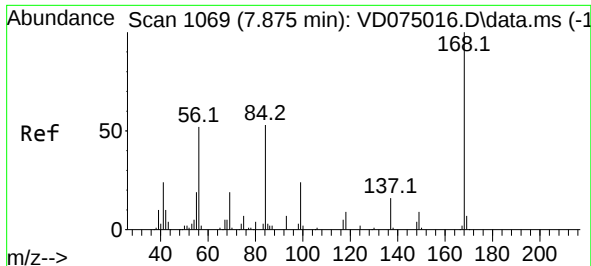
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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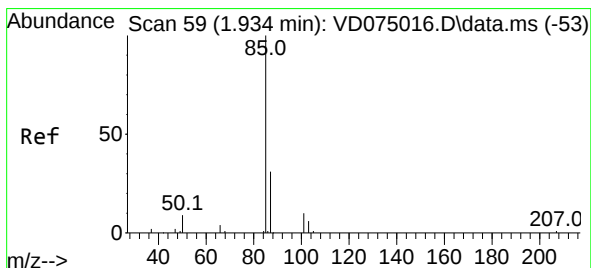
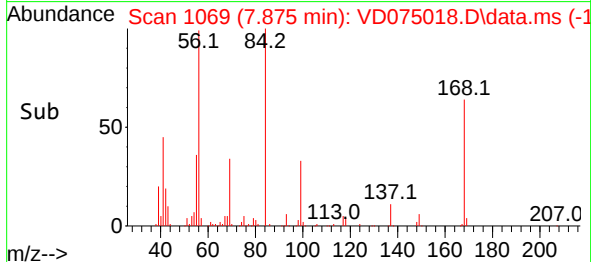
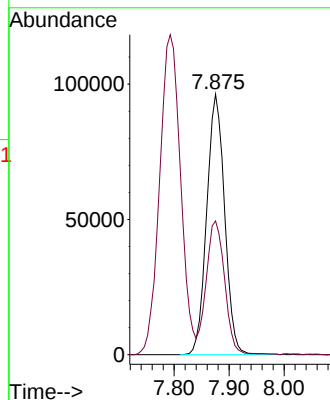
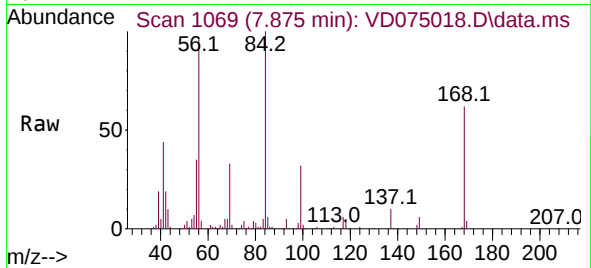




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075018.D
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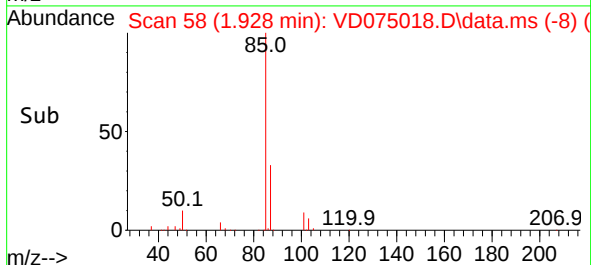
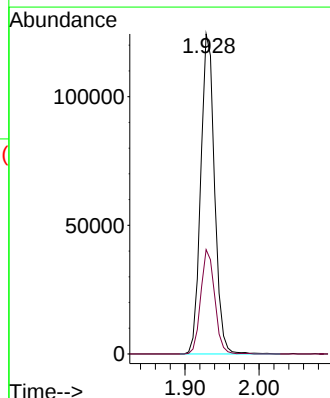
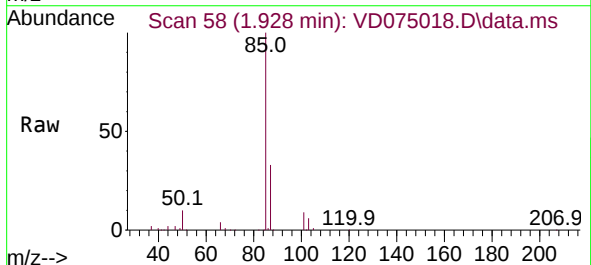
Instrument :
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ClientSampleId :
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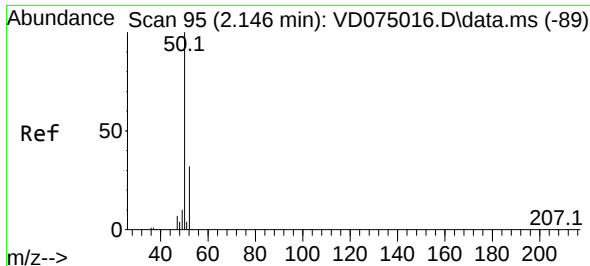
Tgt Ion:168 Resp: 217981
Ion Ratio Lower Upper
168 100
99 51.4 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 125.486 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion: 85 Resp: 160976
Ion Ratio Lower Upper
85 100
87 32.6 15.4 46.1

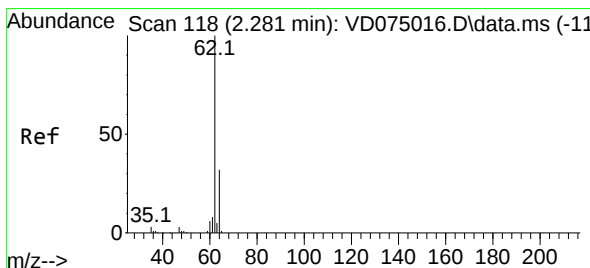
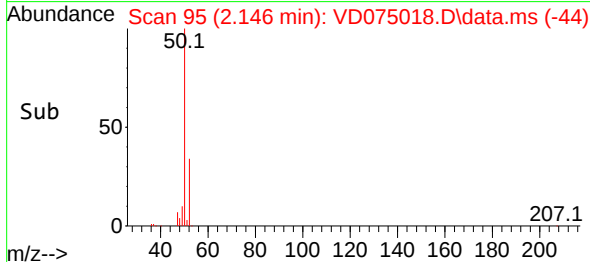
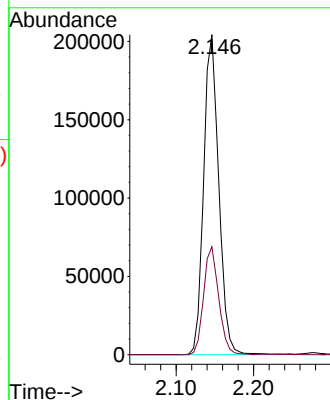
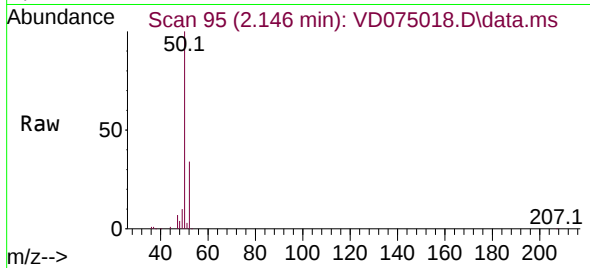




#3
Chloromethane
Concen: 113.611 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

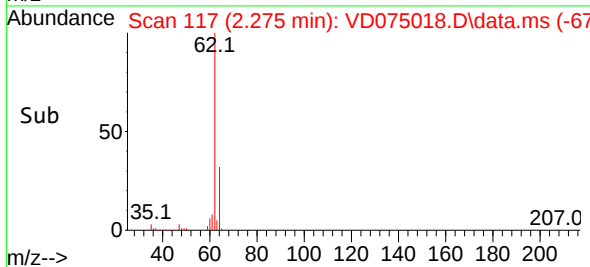
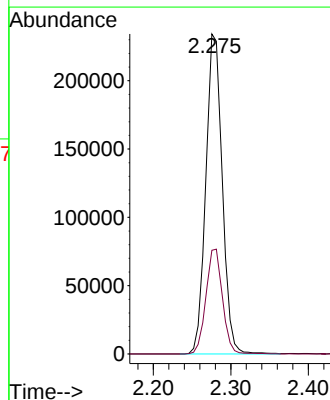
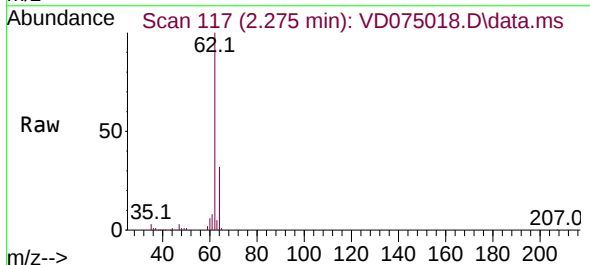
Instrument :
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ClientSampleId :
VSTDIC150

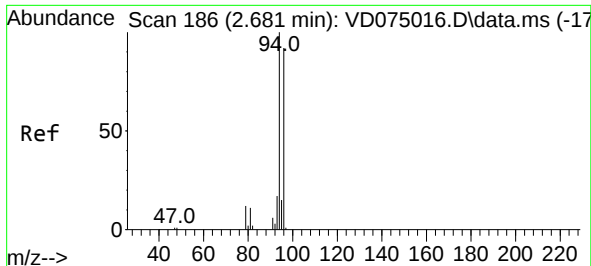
Tgt Ion: 50 Resp: 277005
Ion Ratio Lower Upper
50 100
52 33.7 25.8 38.8



#4
Vinyl Chloride
Concen: 130.970 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion: 62 Resp: 345410
Ion Ratio Lower Upper
62 100
64 32.4 25.7 38.5

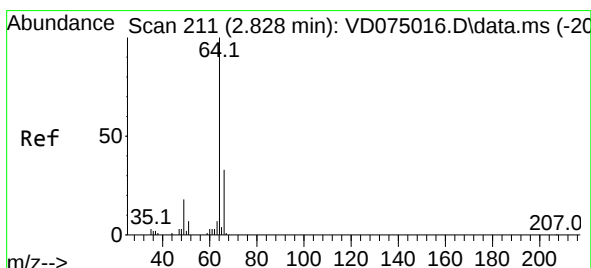
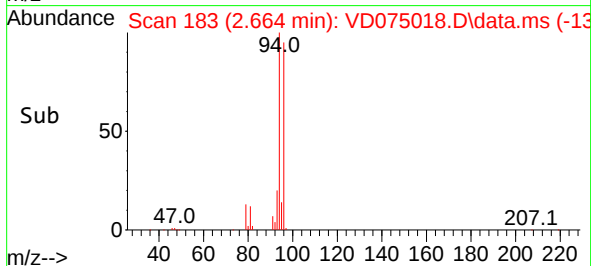
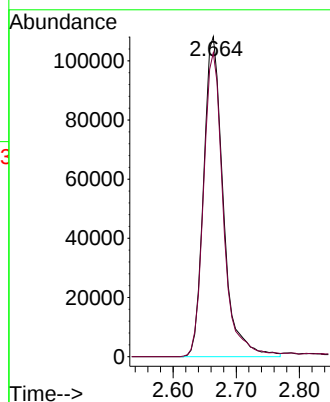
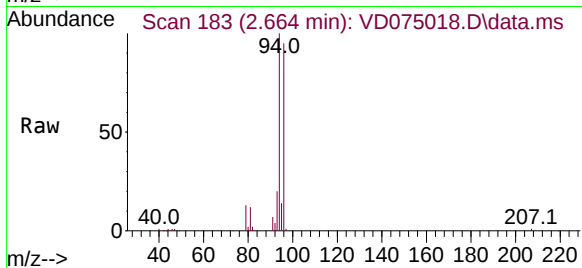




#5
Bromomethane
Concen: 122.010 ug/l
RT: 2.664 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

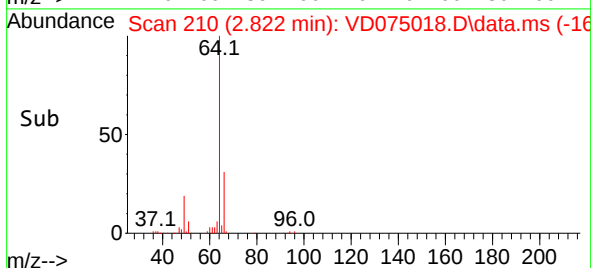
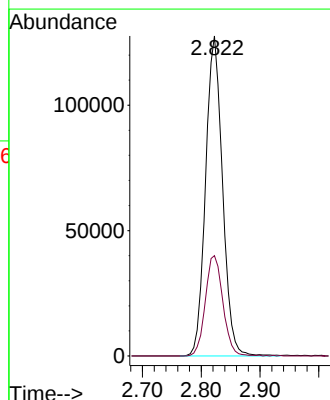
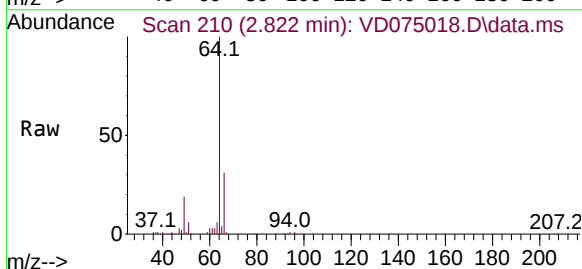
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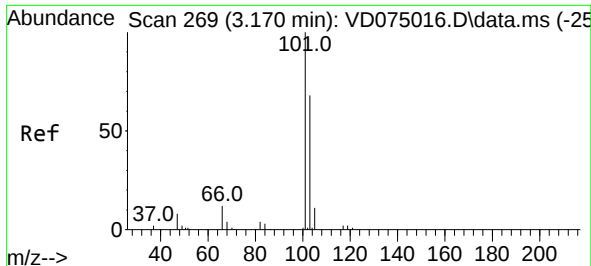
Tgt Ion: 94 Resp: 233571
Ion Ratio Lower Upper
94 100
96 95.5 76.2 114.2



#6
Chloroethane
Concen: 130.615 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion: 64 Resp: 254814
Ion Ratio Lower Upper
64 100
66 31.4 26.6 40.0

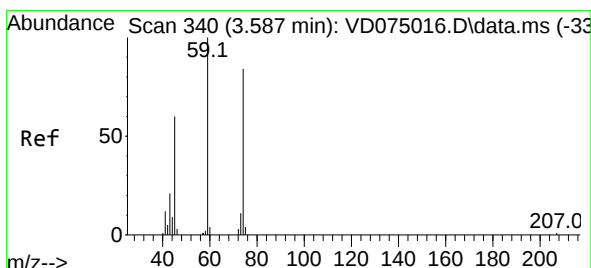
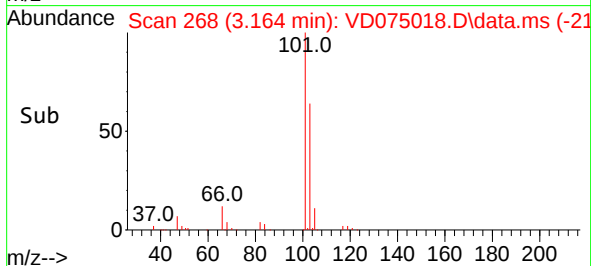
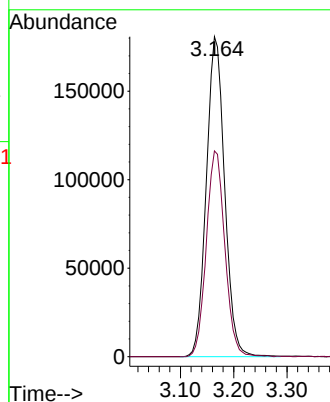
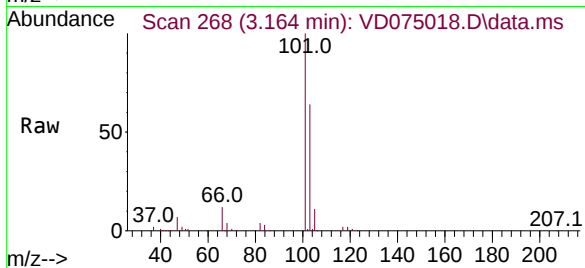




#7
Trichlorofluoromethane
Concen: 134.467 ug/l
RT: 3.164 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

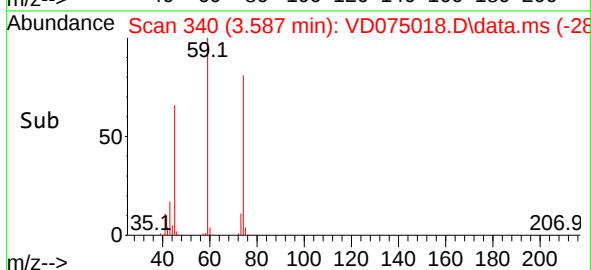
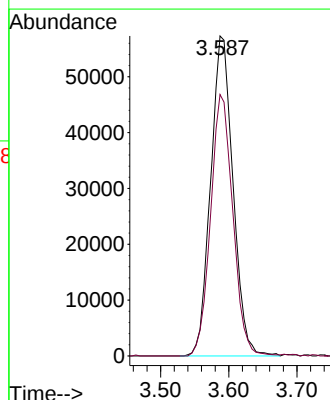
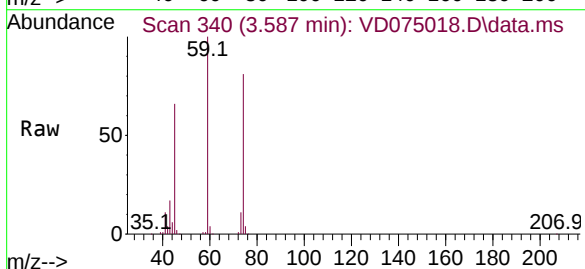
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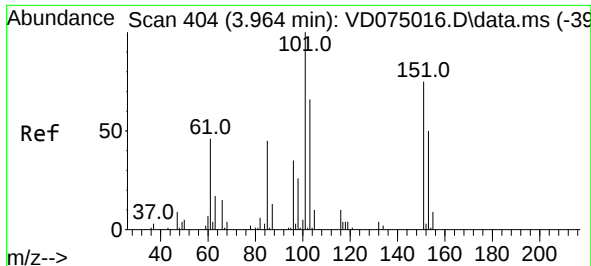
Tgt Ion:101 Resp: 431838
Ion Ratio Lower Upper
101 100
103 64.3 54.5 81.7



#8
Diethyl Ether
Concen: 136.421 ug/l
RT: 3.587 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion: 74 Resp: 130958
Ion Ratio Lower Upper
74 100
45 81.3 39.8 119.4

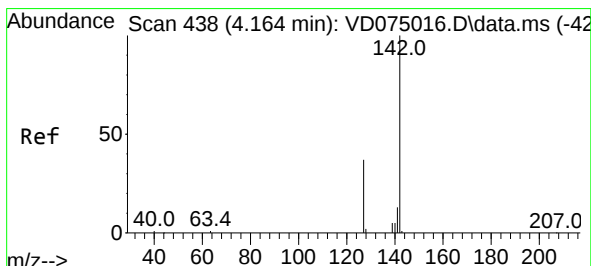
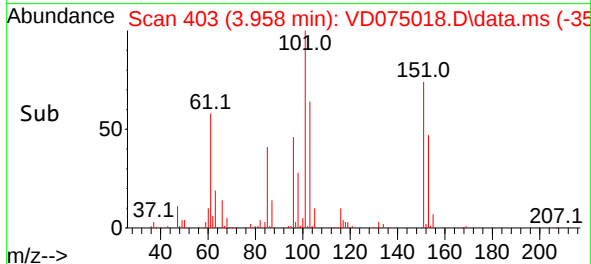
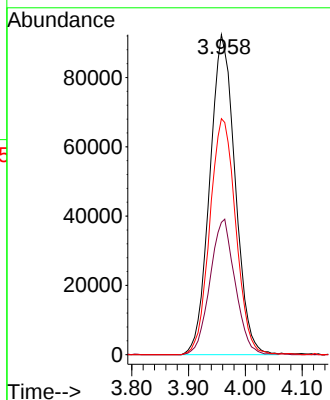
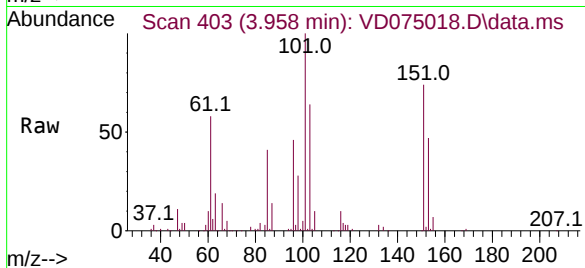




#9
1,1,2-Trichlorotrifluoroethane
Concen: 136.952 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

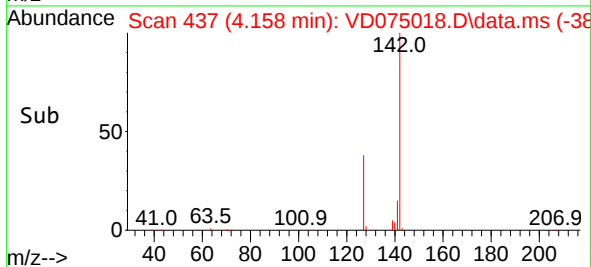
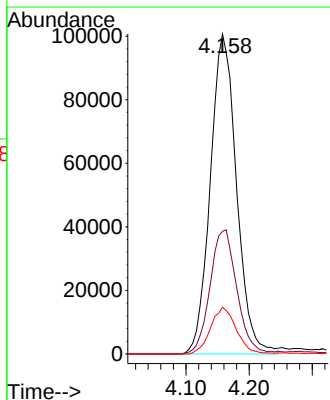
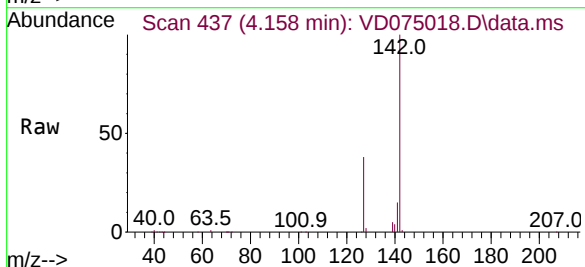
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

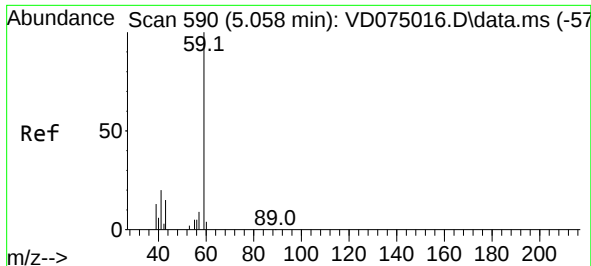
Tgt Ion:101 Resp: 286579
Ion Ratio Lower Upper
101 100
85 41.9 33.6 50.4
151 75.5 59.4 89.2



#10
Methyl Iodide
Concen: 177.820 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion:142 Resp: 290211
Ion Ratio Lower Upper
142 100
127 39.9 32.2 48.2
141 14.3 10.9 16.3

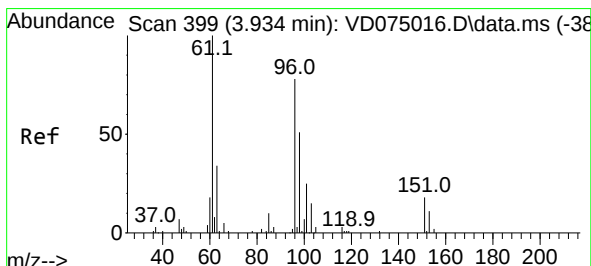
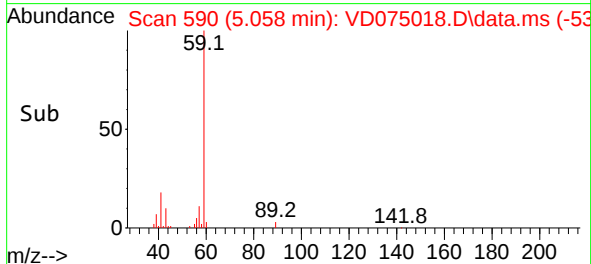
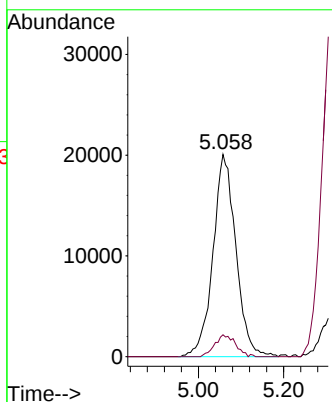
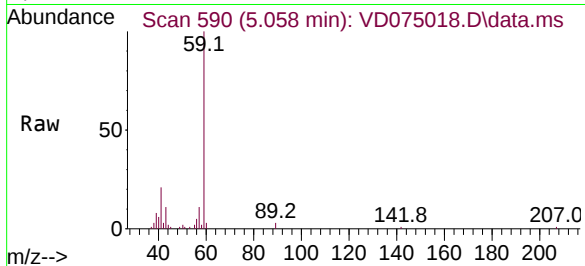




#11
Tert butyl alcohol
Concen: 635.045 ug/l
RT: 5.058 min Scan# 590
Delta R.T. -0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

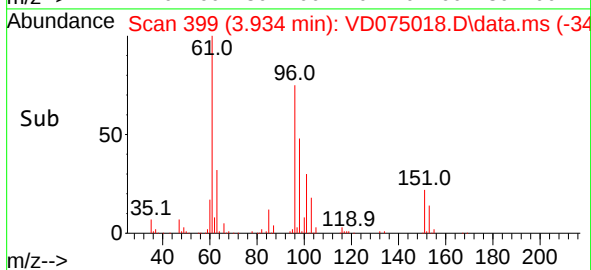
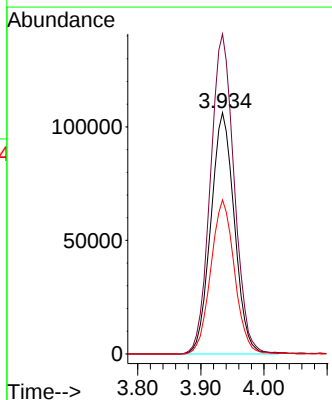
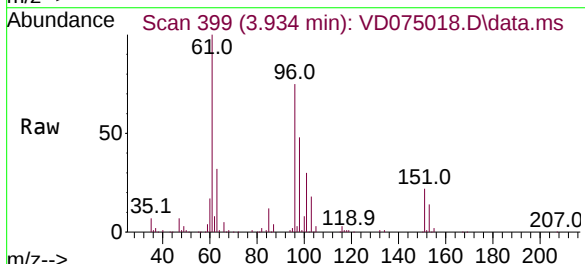
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

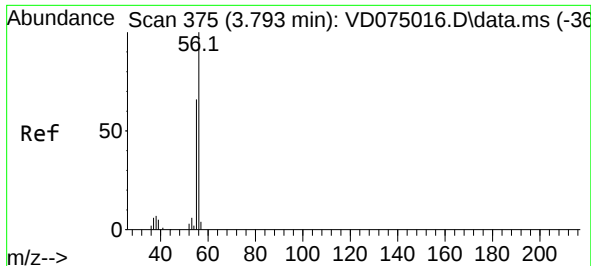
Tgt Ion: 59 Resp: 74991
Ion Ratio Lower Upper
59 100
57 9.8 7.0 10.6



#12
1,1-Dichloroethene
Concen: 137.673 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion: 96 Resp: 275963
Ion Ratio Lower Upper
96 100
61 132.6 102.1 153.1
98 63.9 52.2 78.4





#13

Acrolein

Concen: 683.996 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

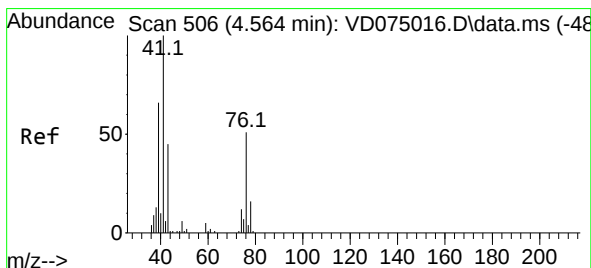
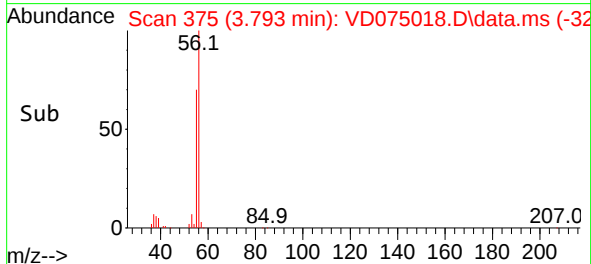
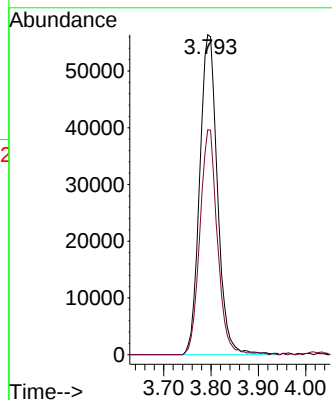
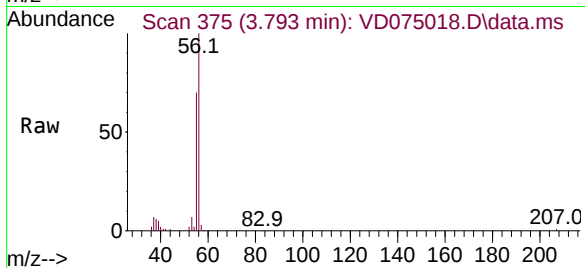
VSTDICC150

Tgt Ion: 56 Resp: 146901

Ion Ratio Lower Upper

56 100

55 68.9 55.9 83.9



#14

Allyl chloride

Concen: 139.067 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

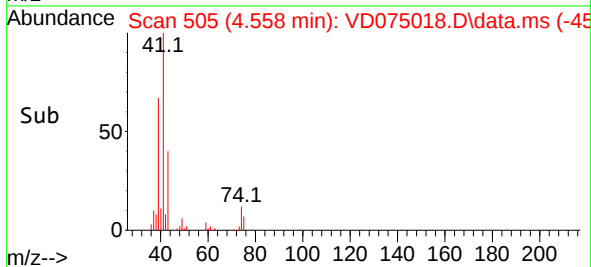
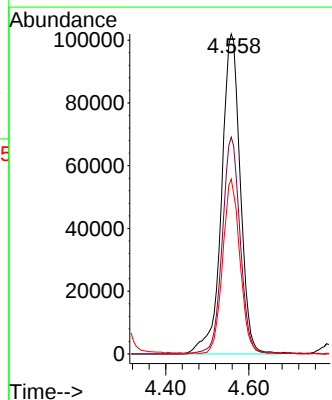
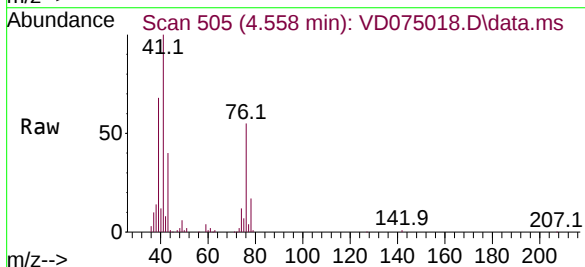
Tgt Ion: 41 Resp: 318593

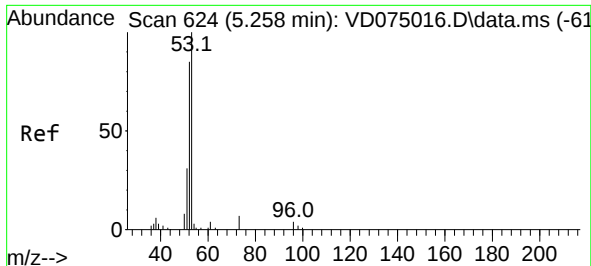
Ion Ratio Lower Upper

41 100

39 64.7 51.7 77.5

76 49.8 40.7 61.1

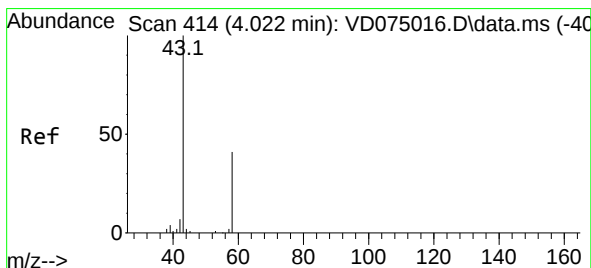
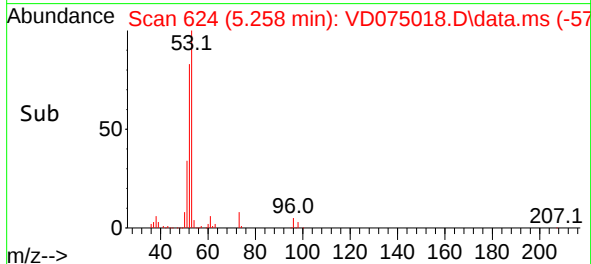
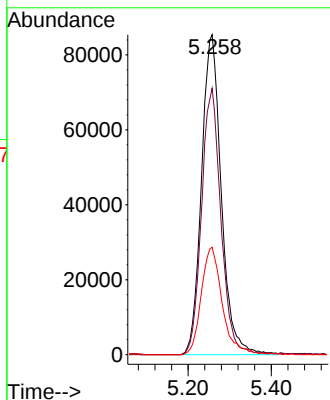
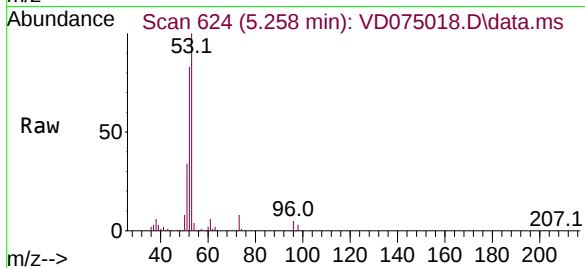




#15
Acrylonitrile
Concen: 698.045 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

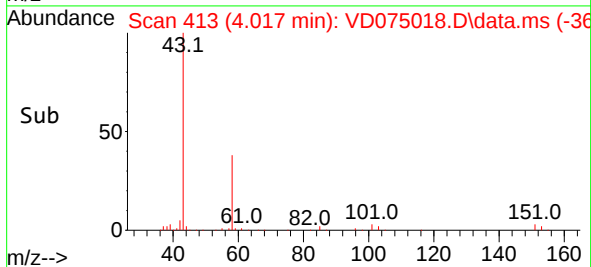
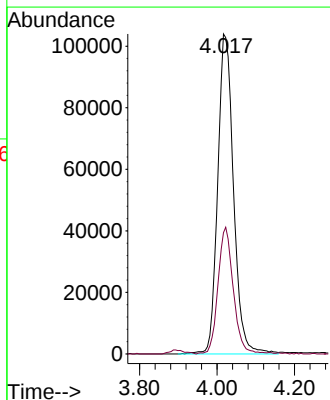
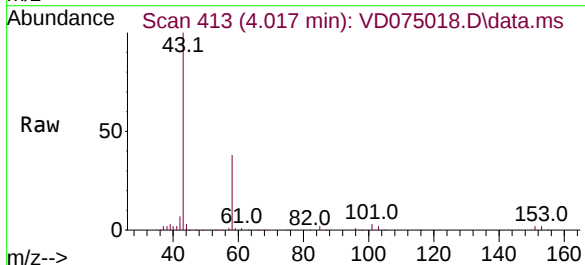
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

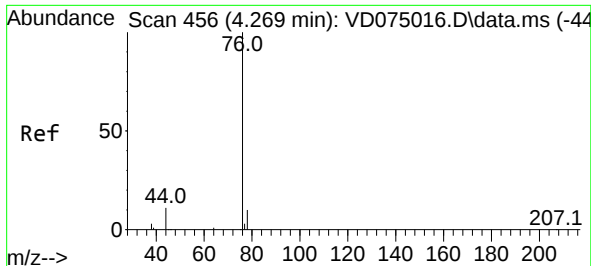
Tgt Ion: 53 Resp: 282773
Ion Ratio Lower Upper
53 100
52 81.4 66.1 99.1
51 35.5 28.4 42.6



#16
Acetone
Concen: 727.729 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion: 43 Resp: 294602
Ion Ratio Lower Upper
43 100
58 37.6 33.0 49.6

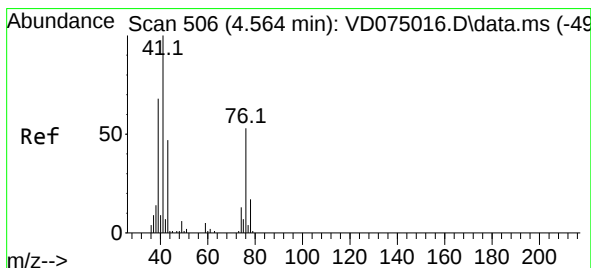
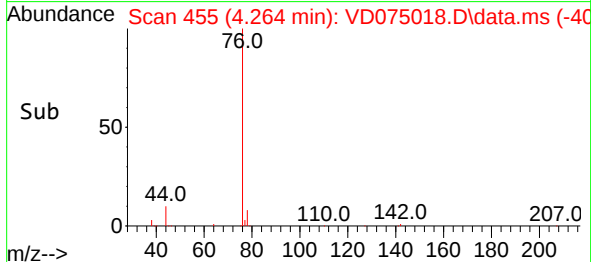
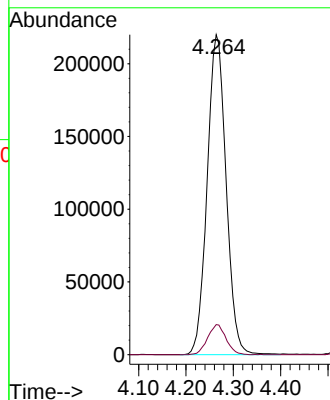
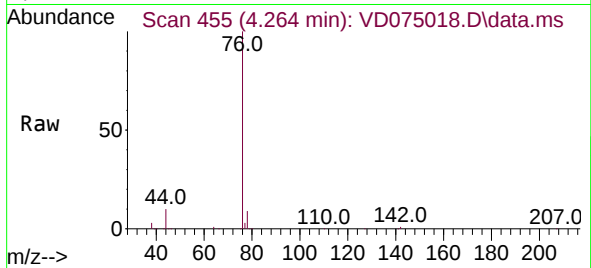




#17
Carbon Disulfide
Concen: 133.578 ug/l
RT: 4.264 min Scan# 411
Delta R.T. -0.006 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

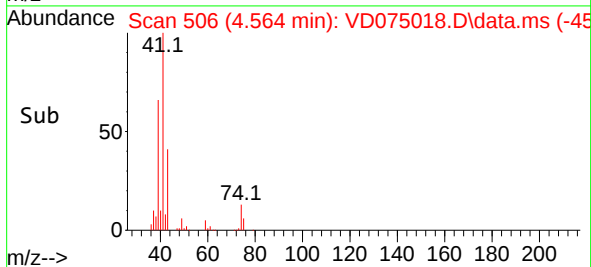
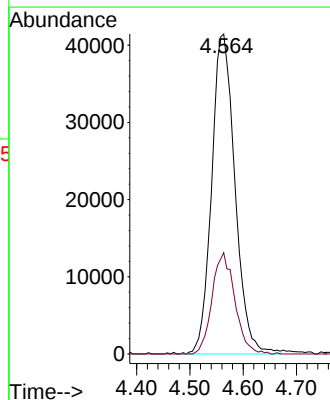
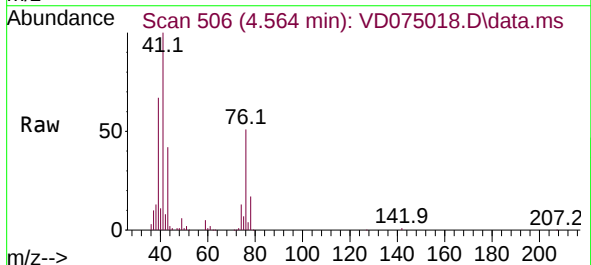
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

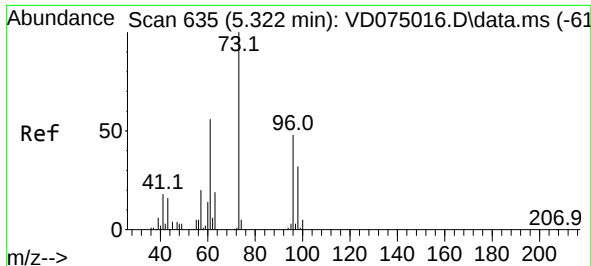
Tgt Ion: 76 Resp: 610215
Ion Ratio Lower Upper
76 100
78 9.4 7.7 11.5



#18
Methyl Acetate
Concen: 112.939 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion: 43 Resp: 126062
Ion Ratio Lower Upper
43 100
74 30.7 23.9 35.9

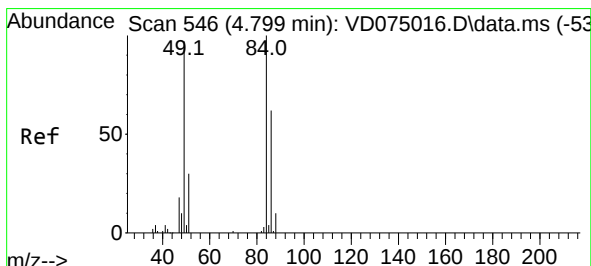
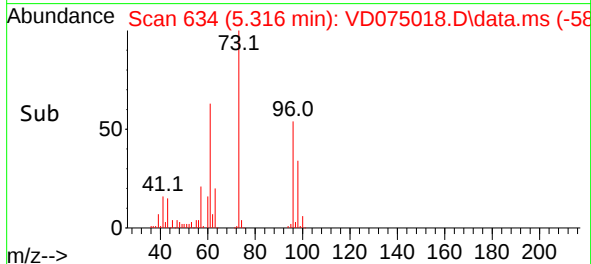
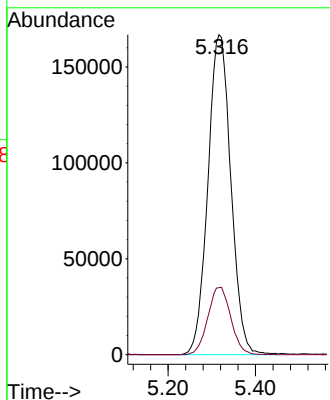
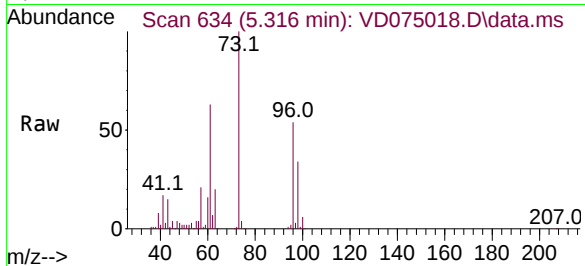




#19
Methyl tert-butyl Ether
Concen: 142.755 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

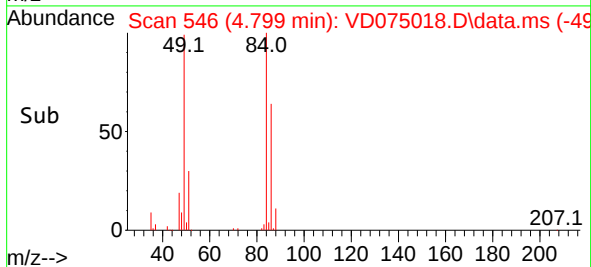
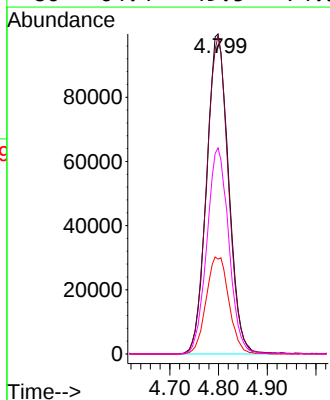
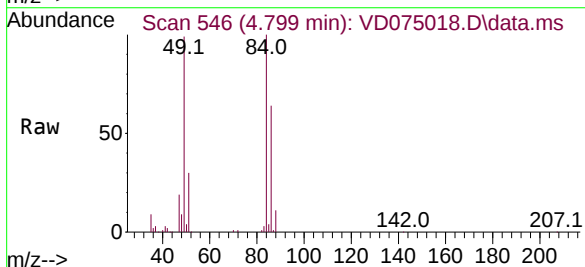
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

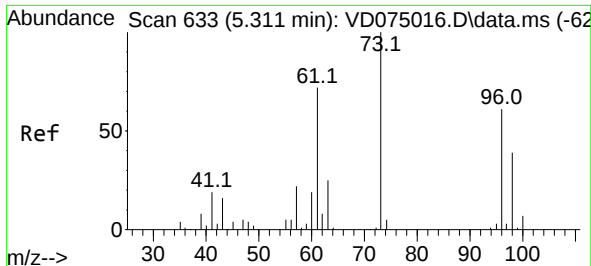
Tgt Ion: 73 Resp: 608687
Ion Ratio Lower Upper
73 100
57 21.0 16.4 24.6



#20
Methylene Chloride
Concen: 100.037 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion: 84 Resp: 312498
Ion Ratio Lower Upper
84 100
49 99.4 77.3 115.9
51 29.7 23.8 35.8
86 64.4 49.5 74.3

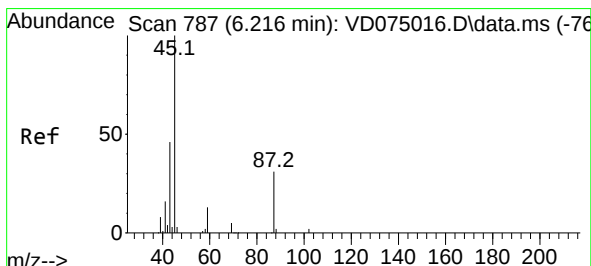
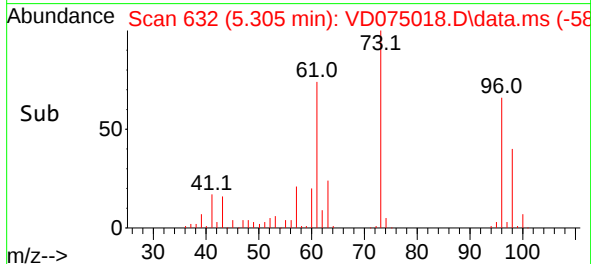
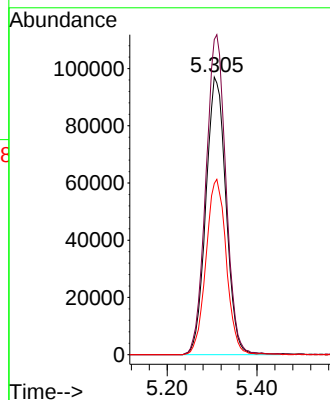
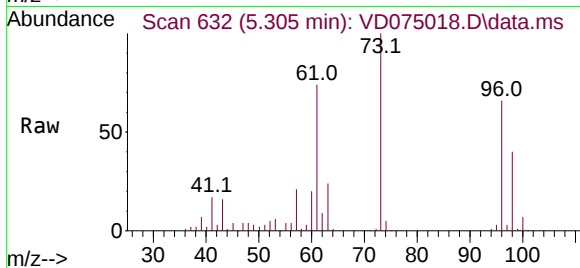




#21
trans-1,2-Dichloroethene
Concen: 138.110 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

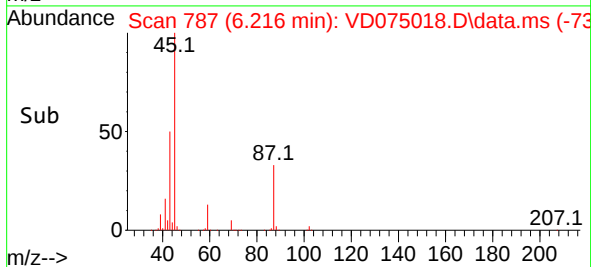
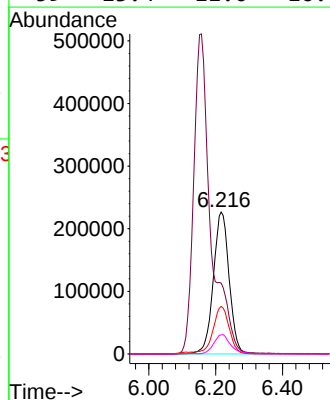
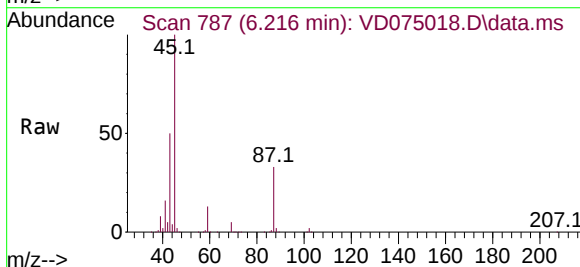
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

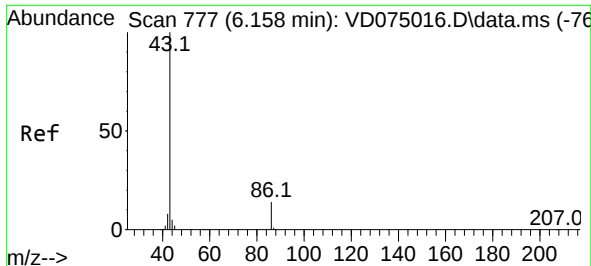
Tgt Ion: 96 Resp: 301859
Ion Ratio Lower Upper
96 100
61 113.6 94.6 142.0
98 61.7 51.0 76.6



#22
Diisopropyl ether
Concen: 142.313 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion: 45 Resp: 745958
Ion Ratio Lower Upper
45 100
43 49.6 40.0 60.0
87 33.4 25.8 38.8
59 13.4 11.0 16.4

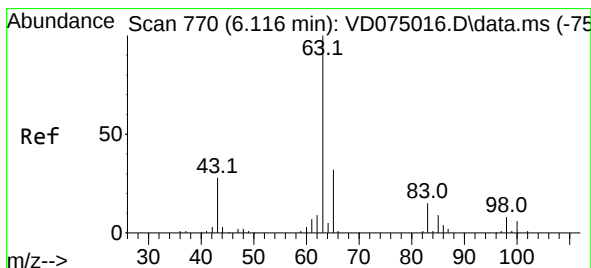
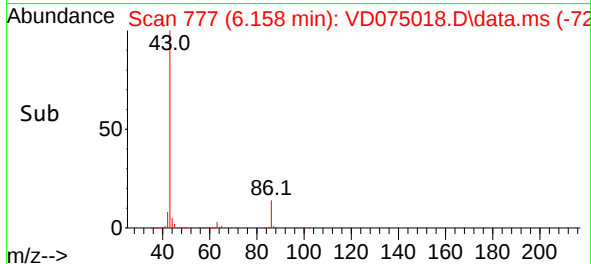
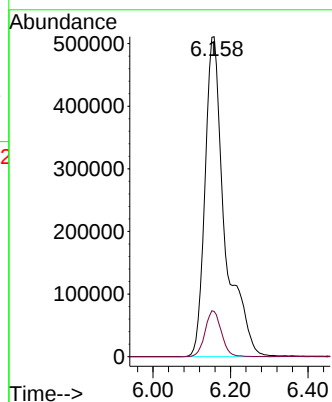
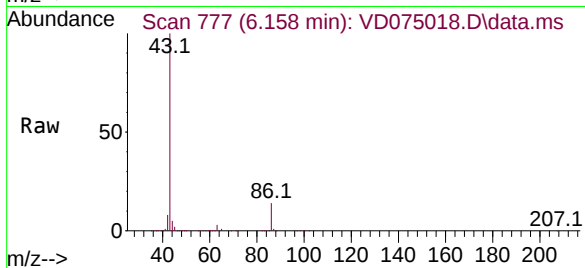




#23
 Vinyl Acetate
 Concen: 824.466 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD075018.D
 Acq: 14 Dec 2022 12:57

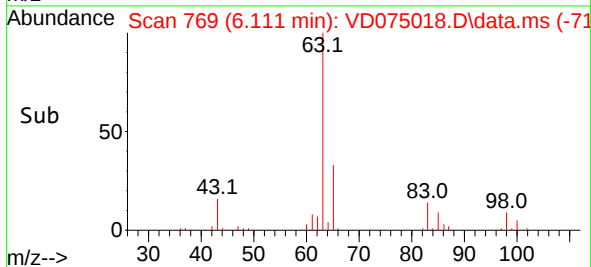
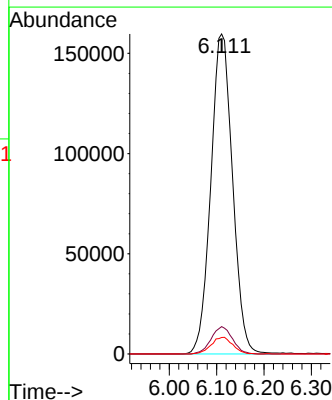
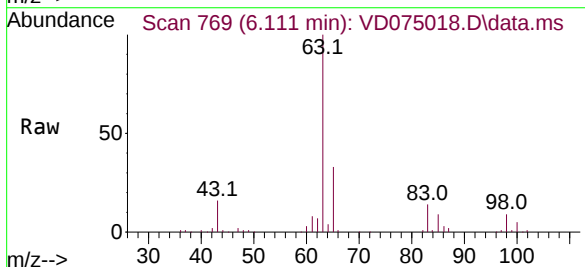
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

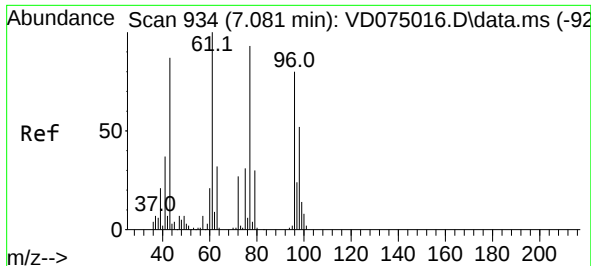
Tgt Ion: 43 Resp: 1813281
 Ion Ratio Lower Upper
 43 100
 86 14.2 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 136.959 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD075018.D
 Acq: 14 Dec 2022 12:57

Tgt Ion: 63 Resp: 509467
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.2 12.4
 100 5.2 3.1 9.3

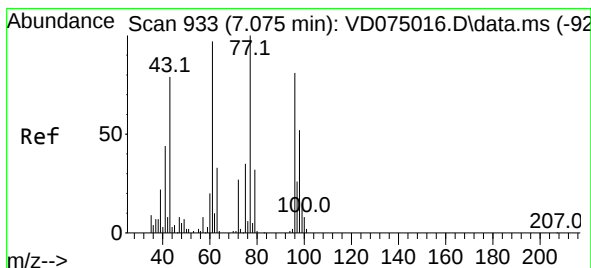
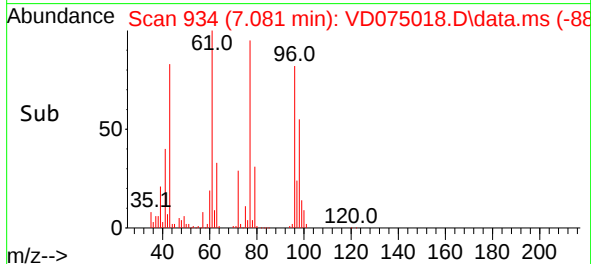
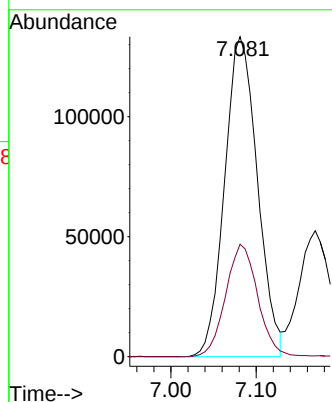
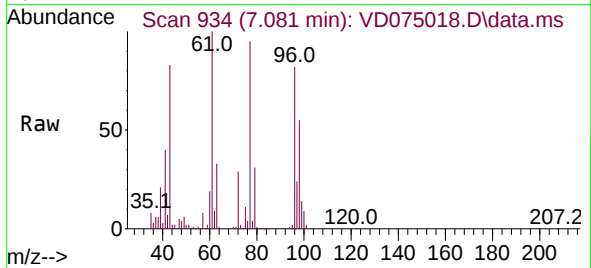




#25
2-Butanone
Concen: 699.099 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

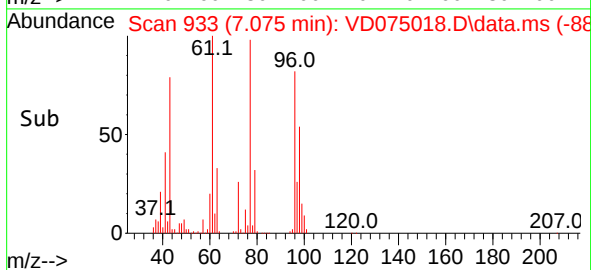
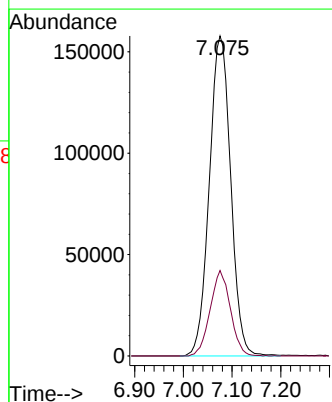
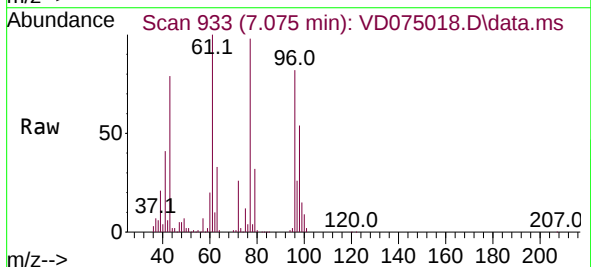
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

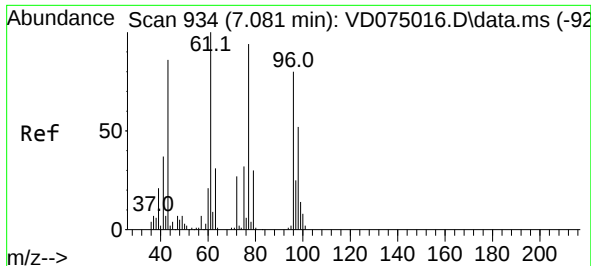
Tgt Ion: 43 Resp: 356449
Ion Ratio Lower Upper
43 100
72 35.2 25.2 37.8



#26
2,2-Dichloropropane
Concen: 137.470 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion: 77 Resp: 480589
Ion Ratio Lower Upper
77 100
97 25.3 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 140.914 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

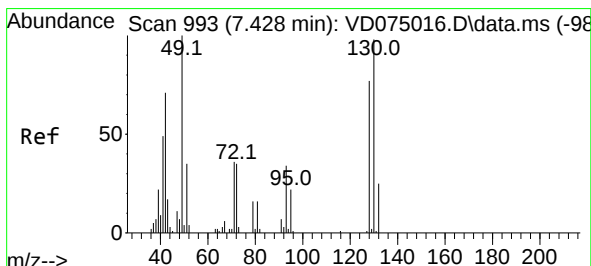
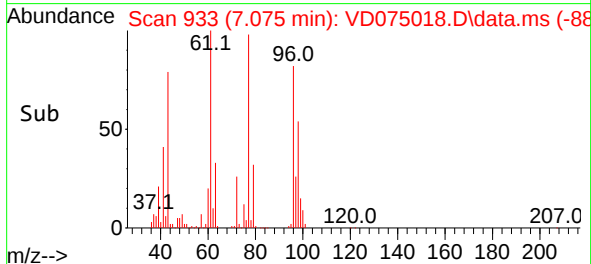
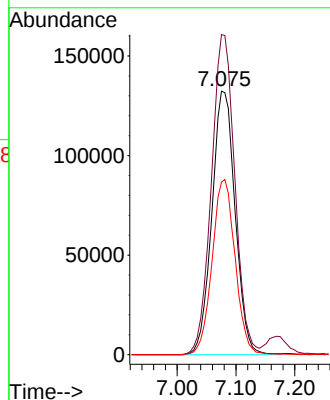
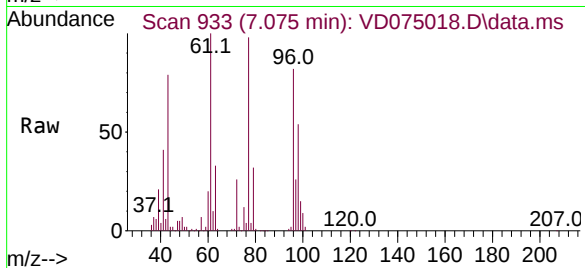
Tgt Ion: 96 Resp: 364069

Ion Ratio Lower Upper

96 100

61 122.4 0.0 245.2

98 65.8 0.0 130.0



#28

Bromochloromethane

Concen: 132.465 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

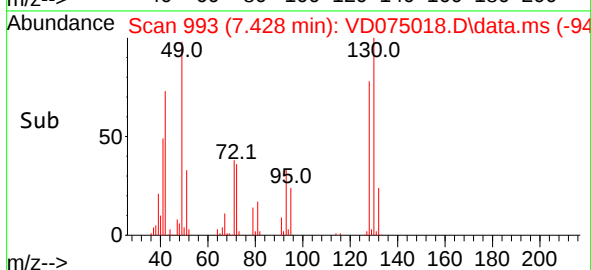
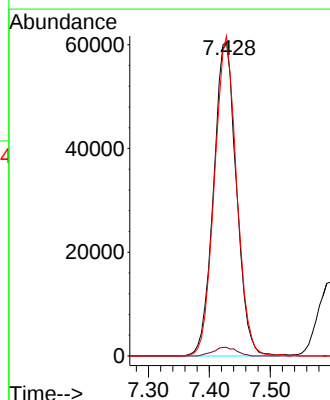
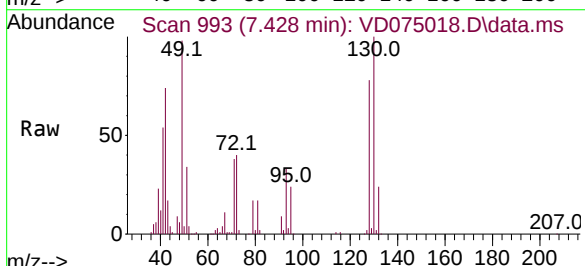
Tgt Ion: 49 Resp: 157569

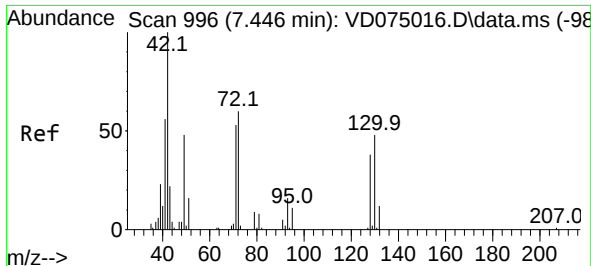
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.4

130 98.8 78.2 117.4





#29

Tetrahydrofuran

Concen: 702.898 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

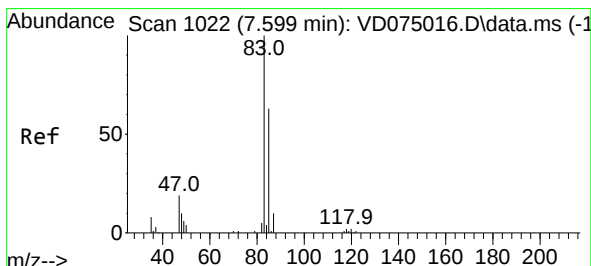
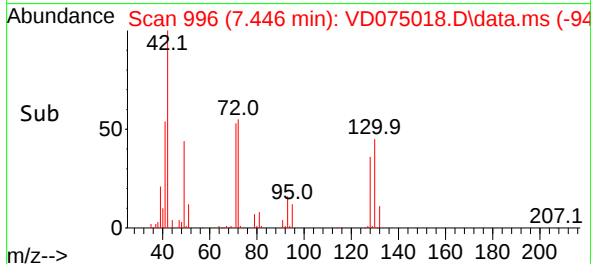
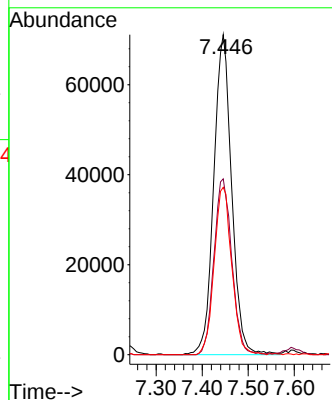
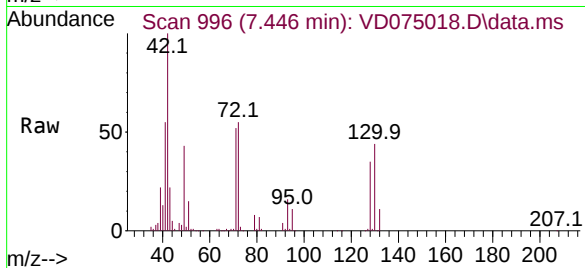
Tgt Ion: 42 Resp: 191829

Ion Ratio Lower Upper

42 100

72 54.8 44.4 66.6

71 51.5 41.4 62.0



#30

Chloroform

Concen: 135.615 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD075018.D

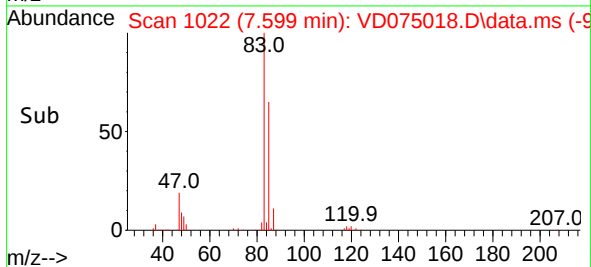
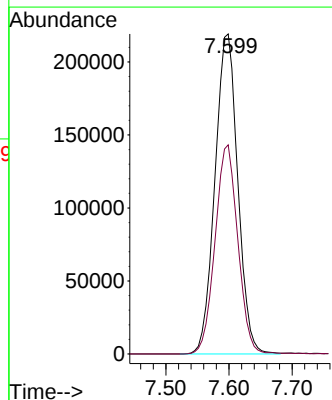
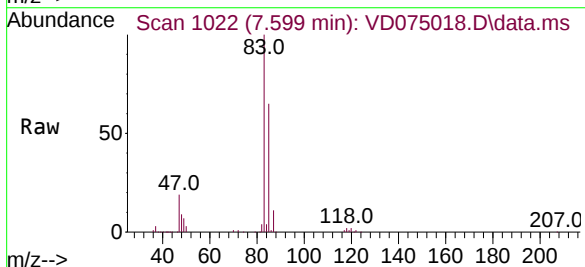
Acq: 14 Dec 2022 12:57

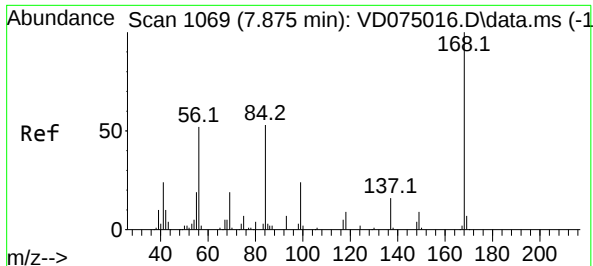
Tgt Ion: 83 Resp: 550128

Ion Ratio Lower Upper

83 100

85 65.4 50.8 76.2





#31

Cyclohexane

Concen: 137.118 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

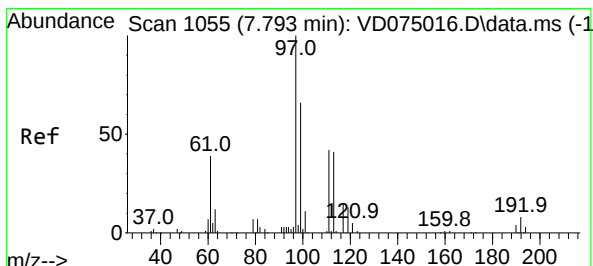
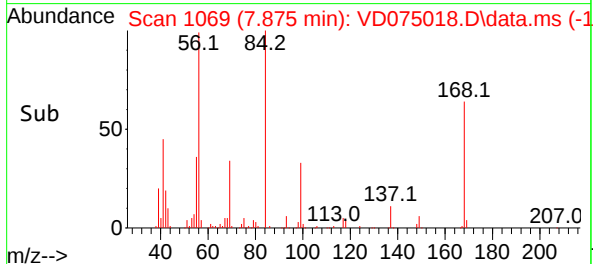
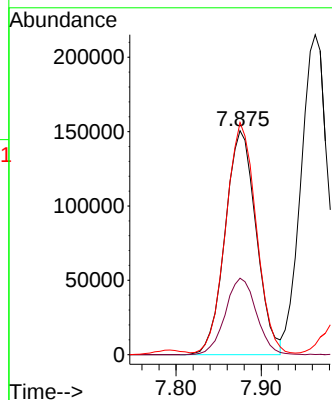
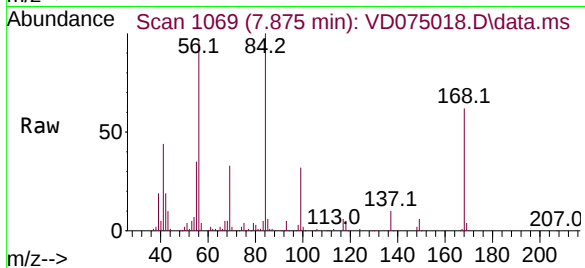
Tgt Ion: 56 Resp: 382380

Ion Ratio Lower Upper

56 100

69 34.2 29.0 43.6

84 102.2 81.0 121.6



#32

1,1,1-Trichloroethane

Concen: 139.442 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

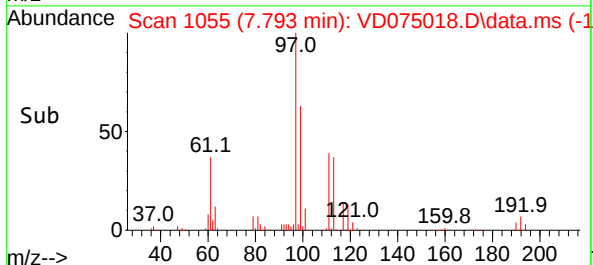
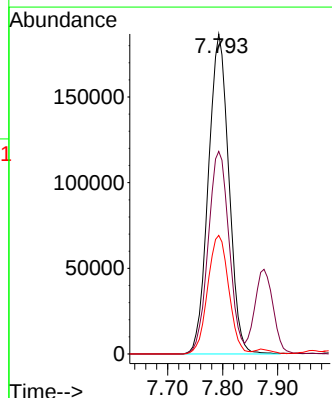
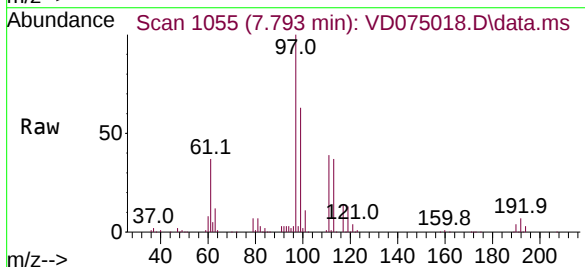
Tgt Ion: 97 Resp: 483911

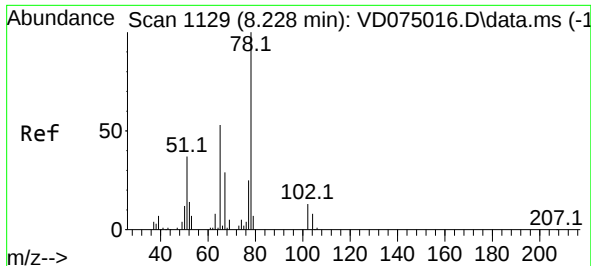
Ion Ratio Lower Upper

97 100

99 64.6 51.0 76.6

61 38.1 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 100.252 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

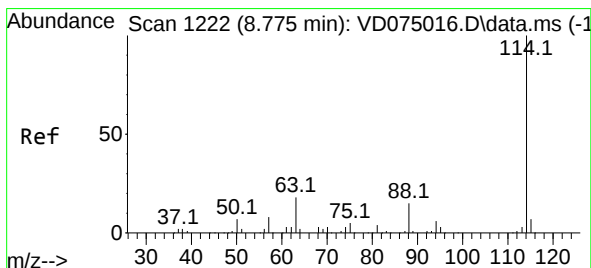
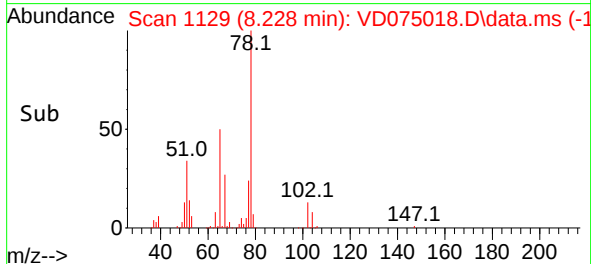
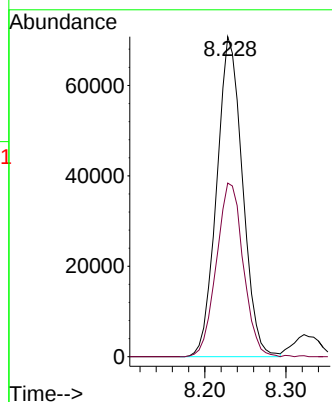
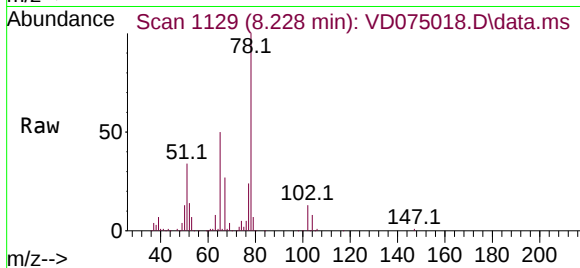
VSTDIC150

Tgt Ion: 65 Resp: 156388

Ion Ratio Lower Upper

65 100

67 56.3 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

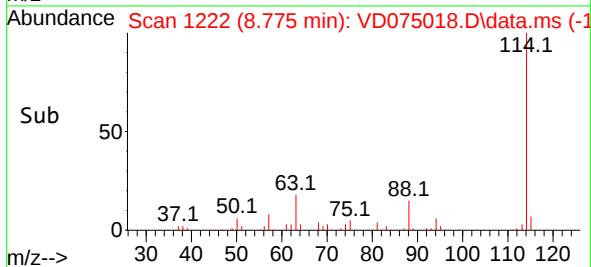
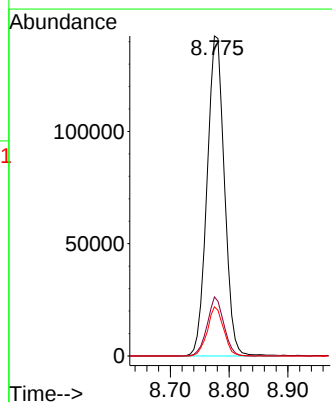
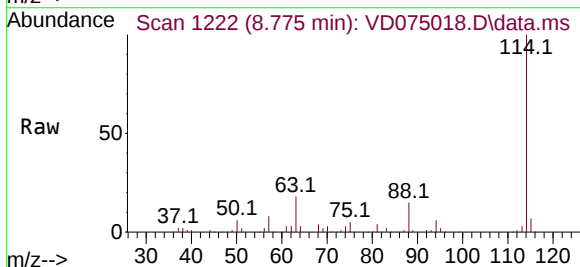
Tgt Ion: 114 Resp: 292807

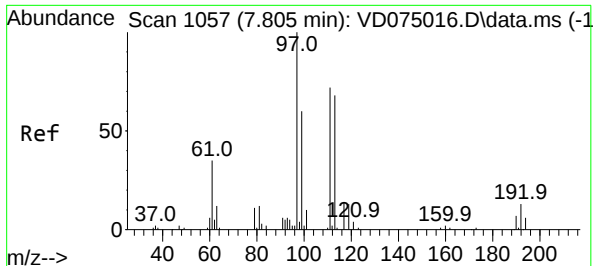
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.6

88 15.4 0.0 29.8





#35

Dibromofluoromethane

Concen: 133.339 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

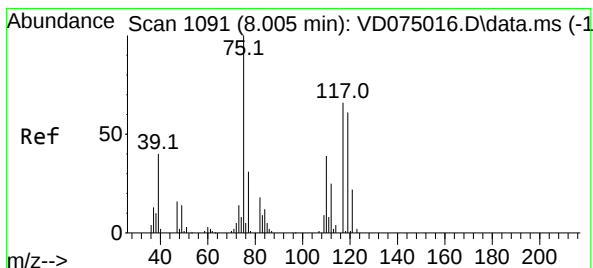
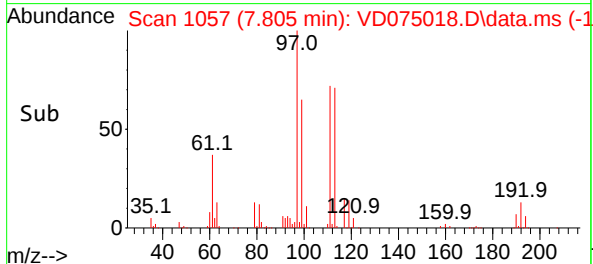
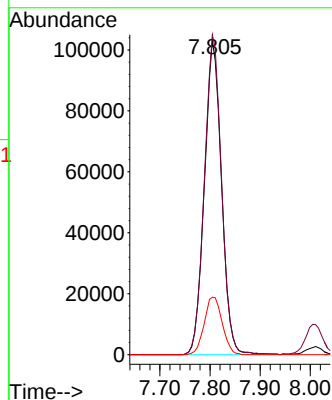
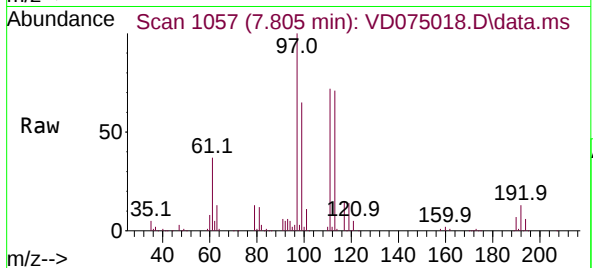
Tgt Ion:113 Resp: 244359

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.6

192 19.3 15.5 23.3



#36

1,1-Dichloropropene

Concen: 140.203 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

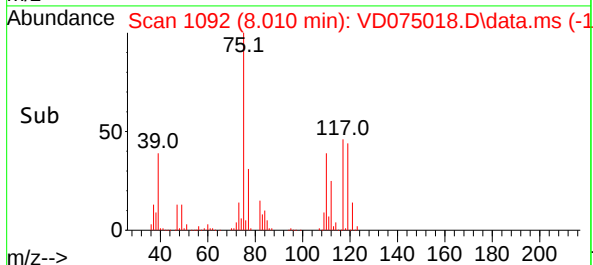
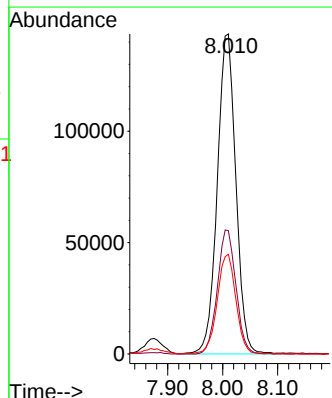
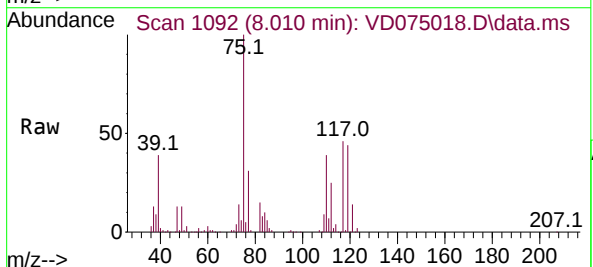
Tgt Ion: 75 Resp: 337604

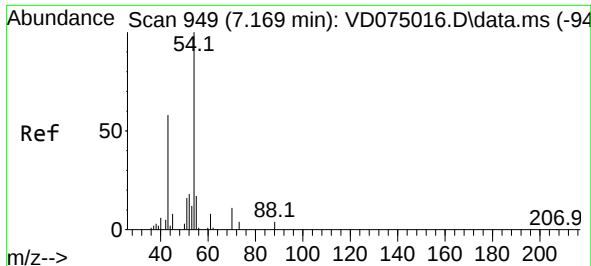
Ion Ratio Lower Upper

75 100

110 38.6 19.7 59.1

77 31.3 24.8 37.2

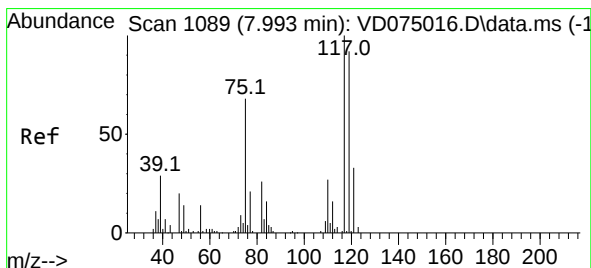
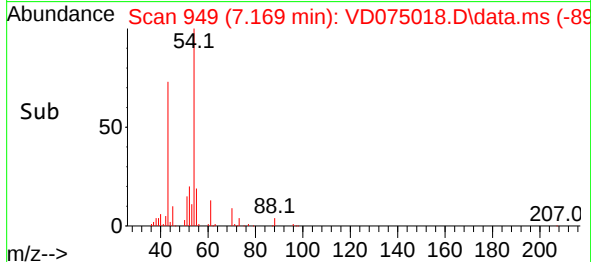
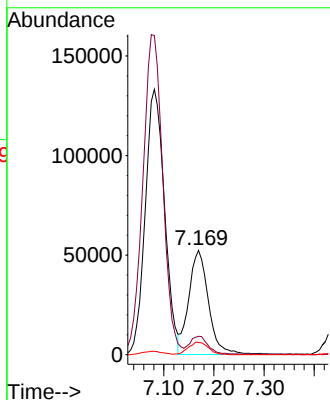
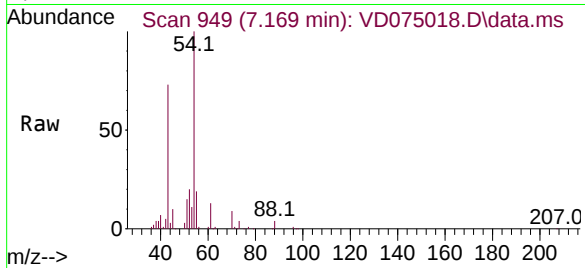




#37
Ethyl Acetate
Concen: 151.653 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

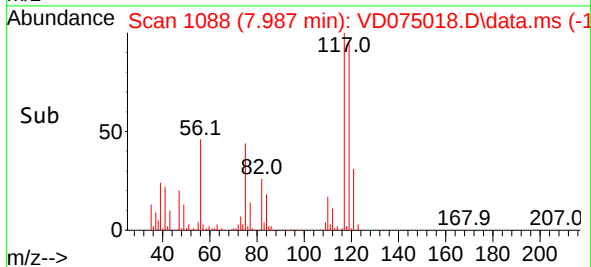
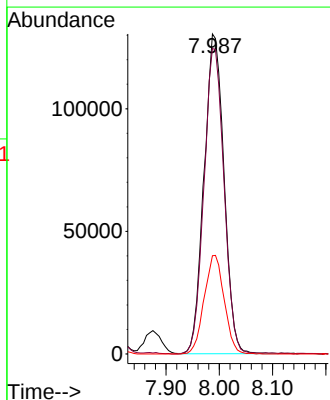
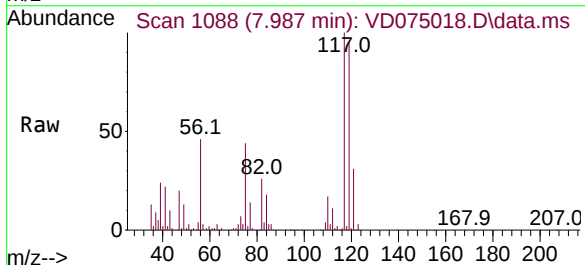
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

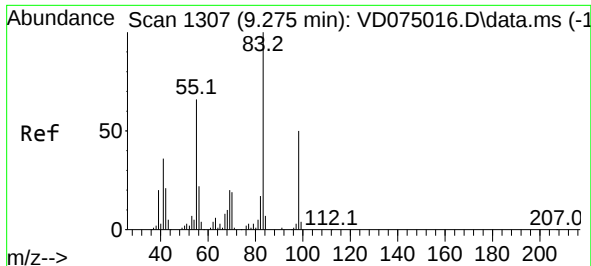
Tgt Ion: 43 Resp: 142905
Ion Ratio Lower Upper
43 100
61 16.2 13.8 20.8
70 12.2 10.6 15.8



#38
Carbon Tetrachloride
Concen: 150.674 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion: 117 Resp: 339416
Ion Ratio Lower Upper
117 100
119 95.5 73.2 109.8
121 30.7 26.1 39.1





#39

Methylcyclohexane

Concen: 161.879 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

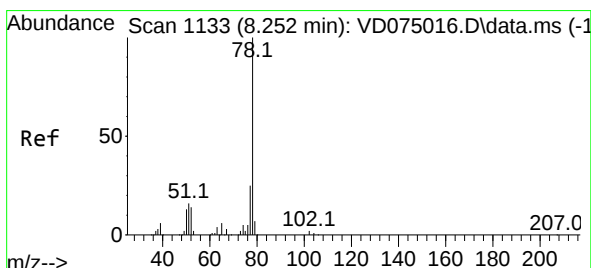
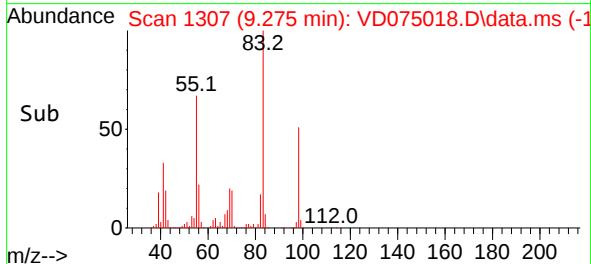
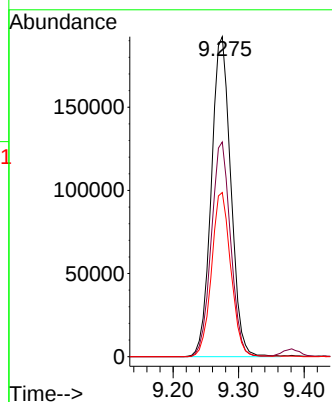
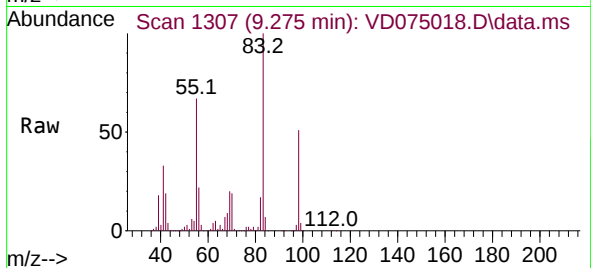
Tgt Ion: 83 Resp: 396846

Ion Ratio Lower Upper

83 100

55 67.1 52.9 79.3

98 51.3 40.2 60.2



#40

Benzene

Concen: 137.628 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075018.D

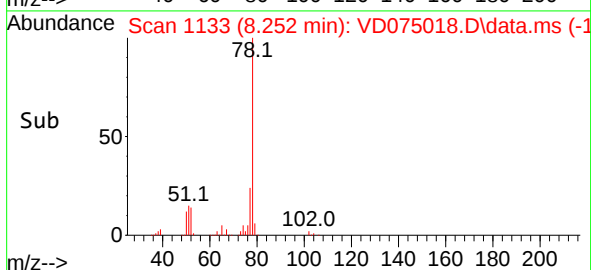
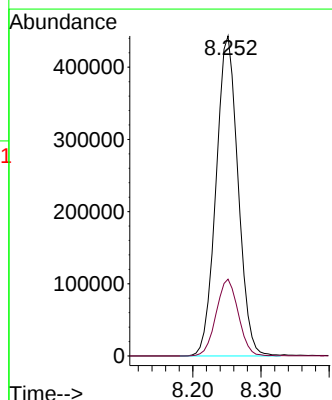
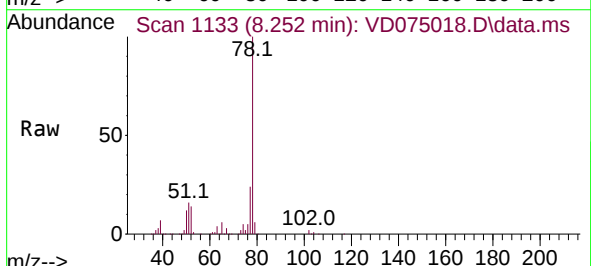
Acq: 14 Dec 2022 12:57

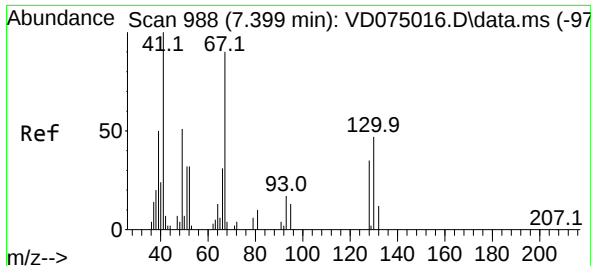
Tgt Ion: 78 Resp: 995356

Ion Ratio Lower Upper

78 100

77 24.0 20.2 30.2

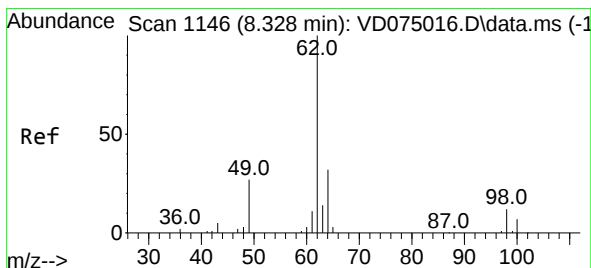
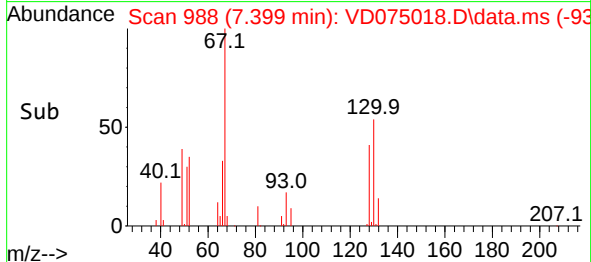
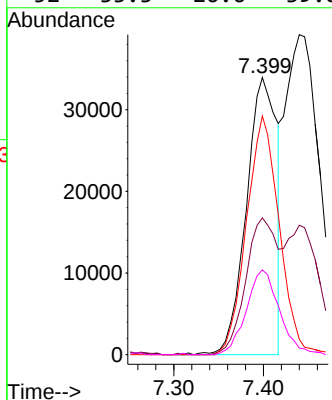
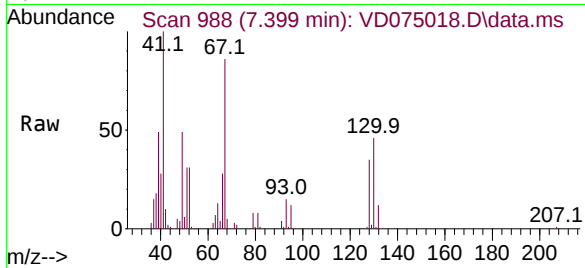




#41
Methacrylonitrile
Concen: 163.422 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

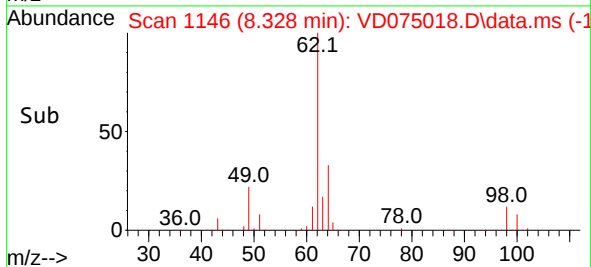
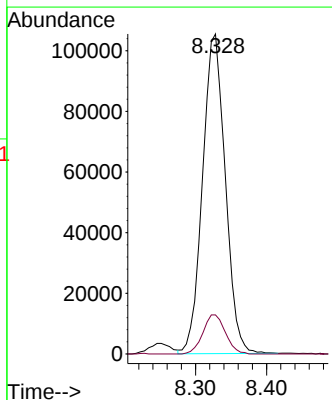
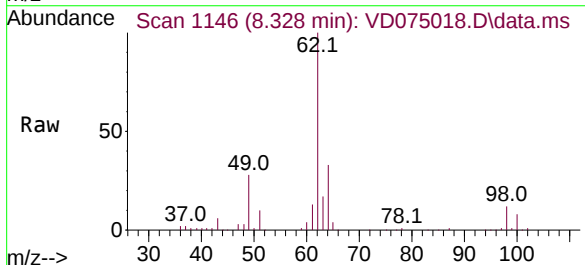
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

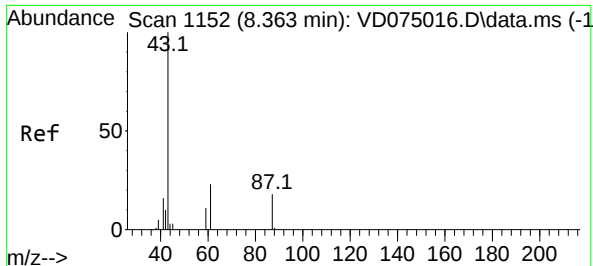
Tgt Ion: 41 Resp: 79833
Ion Ratio Lower Upper
41 100
39 49.8 45.9 68.9
67 93.0 76.0 114.0
52 33.3 26.6 39.8



#42
1,2-Dichloroethane
Concen: 135.191 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion: 62 Resp: 234607
Ion Ratio Lower Upper
62 100
98 12.1 0.0 23.4





#43

Isopropyl Acetate

Concen: 148.379 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

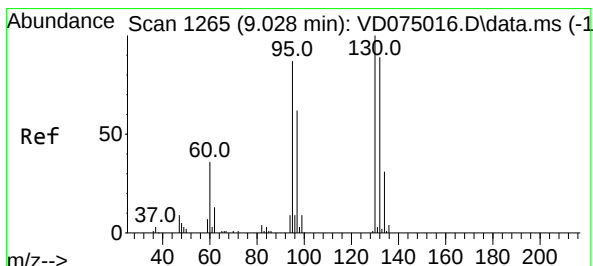
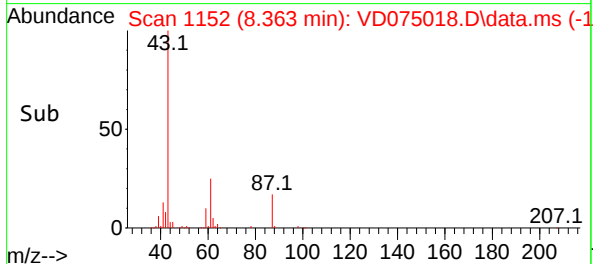
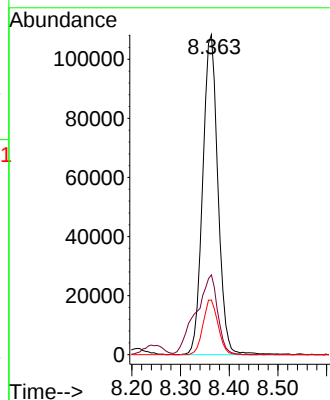
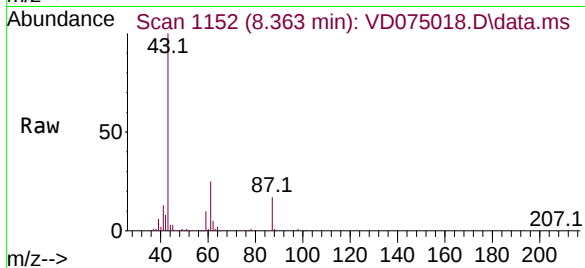
Tgt Ion: 43 Resp: 234538

Ion Ratio Lower Upper

43 100

61 35.7 28.2 42.2

87 16.9 13.8 20.6



#44

Trichloroethene

Concen: 148.826 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD075018.D

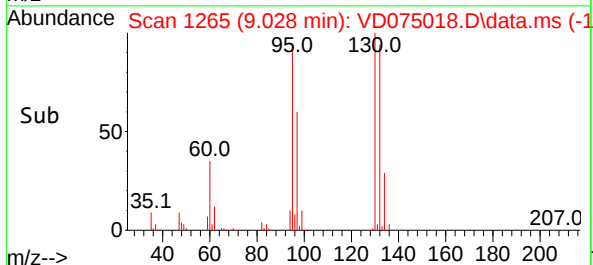
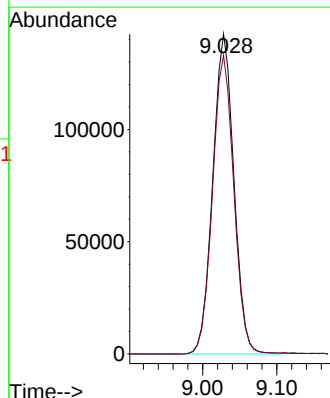
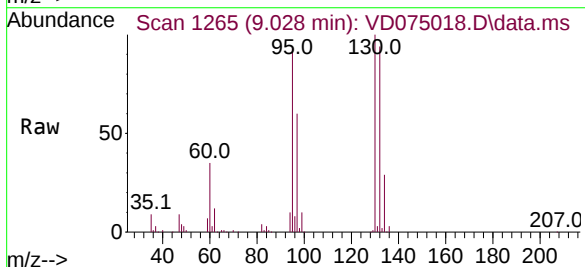
Acq: 14 Dec 2022 12:57

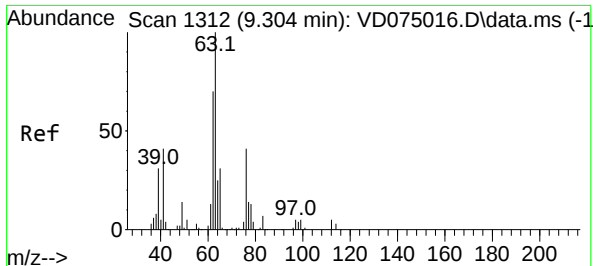
Tgt Ion:130 Resp: 281679

Ion Ratio Lower Upper

130 100

95 93.3 0.0 174.8





#45

1,2-Dichloropropane

Concen: 151.793 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

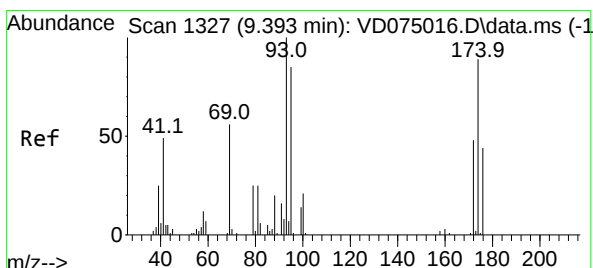
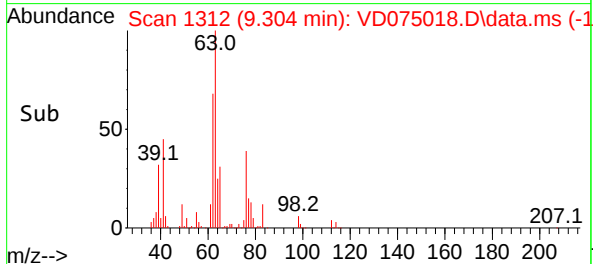
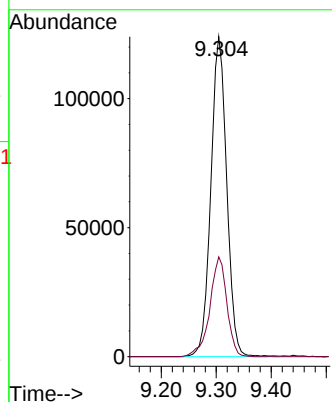
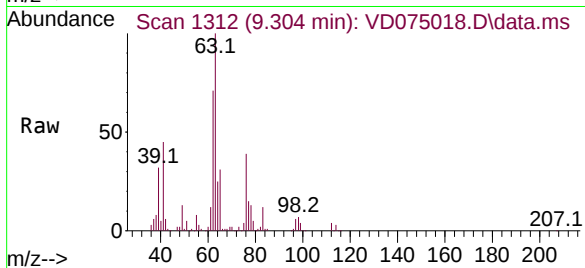
VSTDIC150

Tgt Ion: 63 Resp: 248892

Ion Ratio Lower Upper

63 100

65 31.2 25.2 37.8



#46

Dibromomethane

Concen: 151.800 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

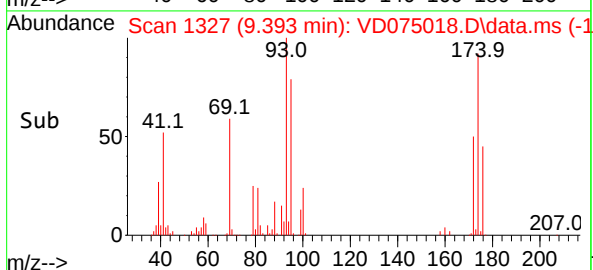
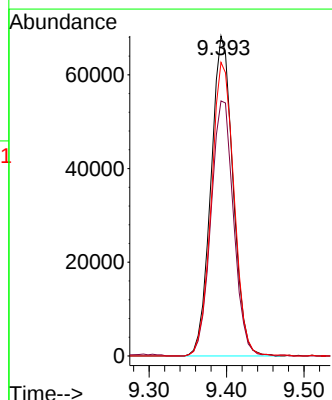
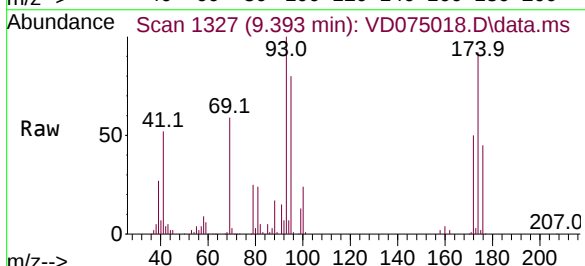
Tgt Ion: 93 Resp: 135224

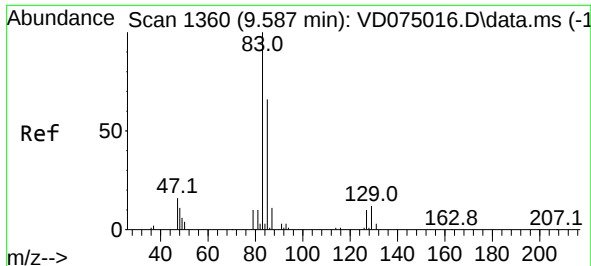
Ion Ratio Lower Upper

93 100

95 81.6 66.3 99.5

174 93.9 74.7 112.1

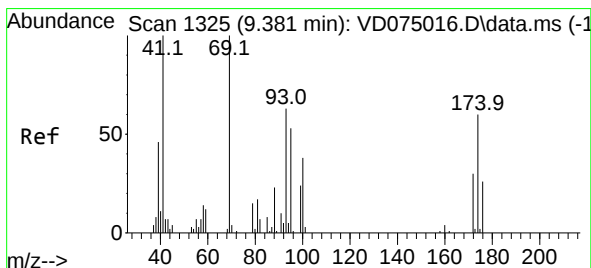
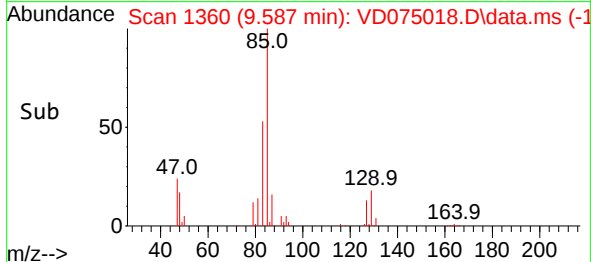
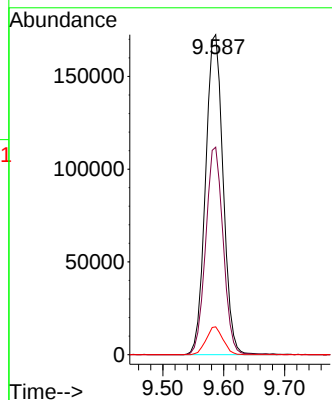
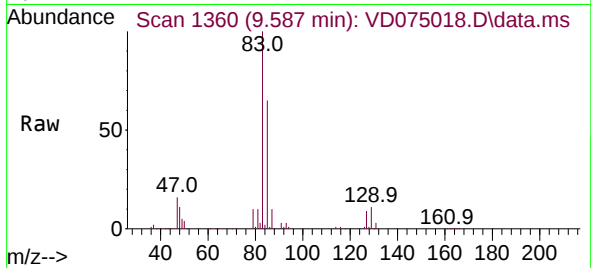




#47
Bromodichloromethane
Concen: 153.028 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

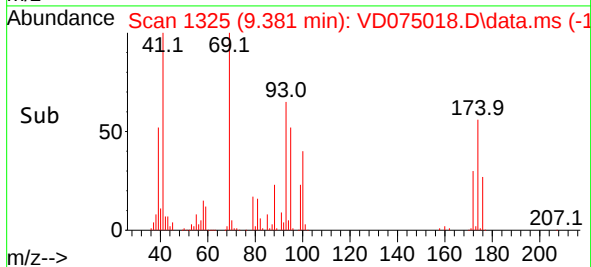
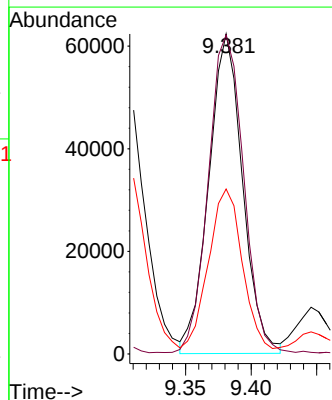
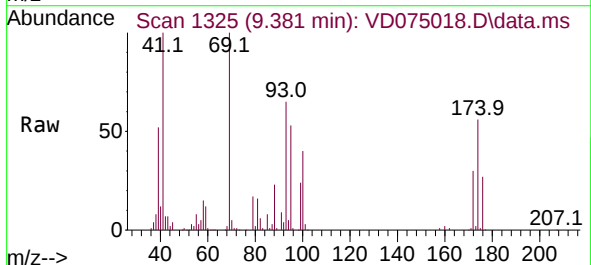
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

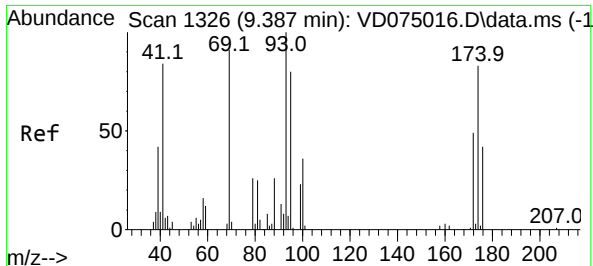
Tgt Ion: 83 Resp: 346049
Ion Ratio Lower Upper
83 100
85 64.8 53.0 79.6
127 8.7 8.1 12.1



#48
Methyl methacrylate
Concen: 161.135 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion: 41 Resp: 111810
Ion Ratio Lower Upper
41 100
69 104.9 87.0 130.4
39 49.7 43.6 65.4





#49

1,4-Dioxane

Concen: 3163.943 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

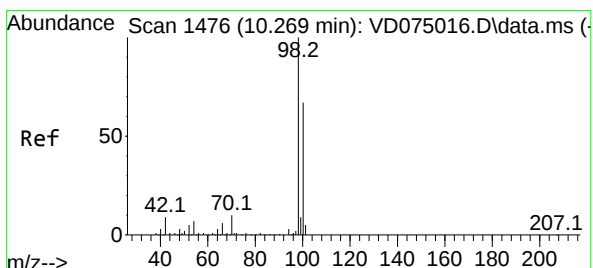
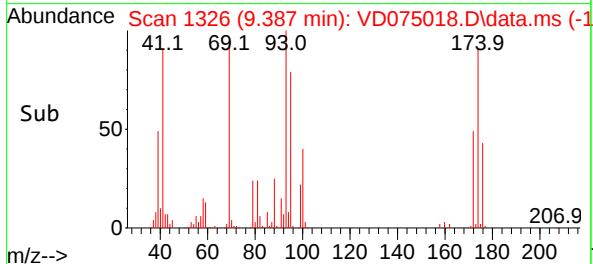
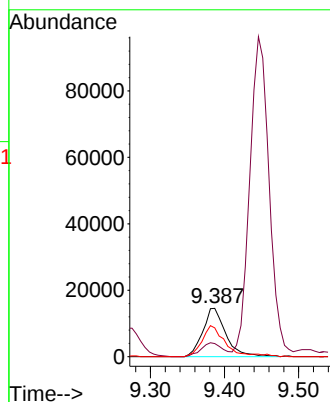
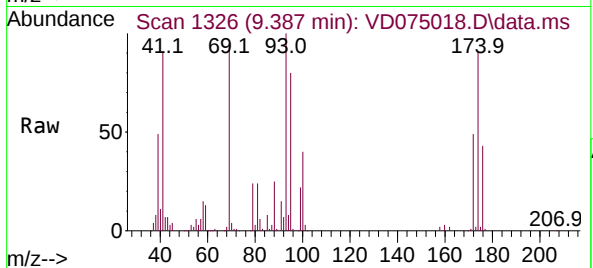
Tgt Ion: 88 Resp: 31548

Ion Ratio Lower Upper

88 100

43 27.9 22.3 33.5

58 65.2 47.3 70.9



#50

Toluene-d8

Concen: 126.995 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075018.D

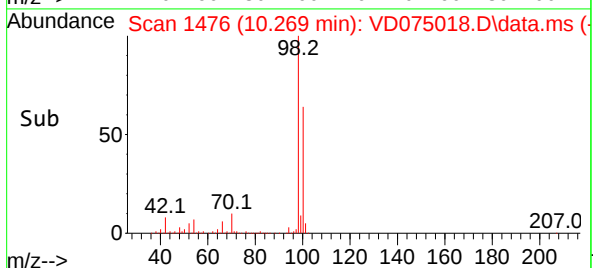
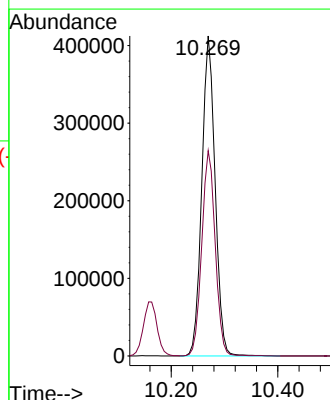
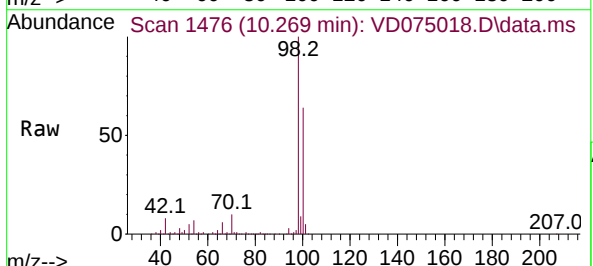
Acq: 14 Dec 2022 12:57

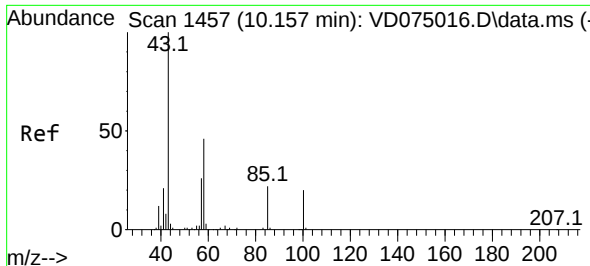
Tgt Ion: 98 Resp: 713438

Ion Ratio Lower Upper

98 100

100 64.7 52.3 78.5

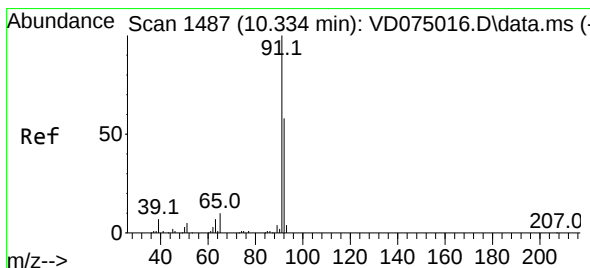
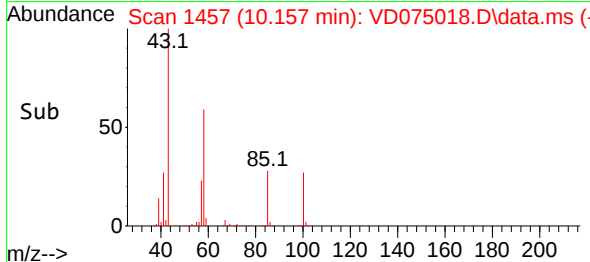
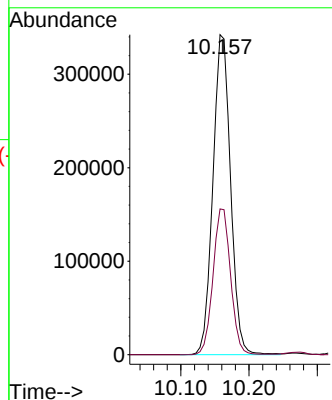
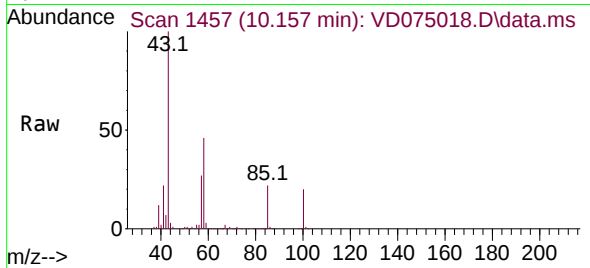




#51
4-Methyl-2-Pentanone
Concen: 781.963 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

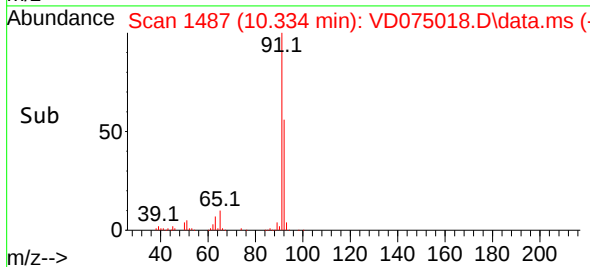
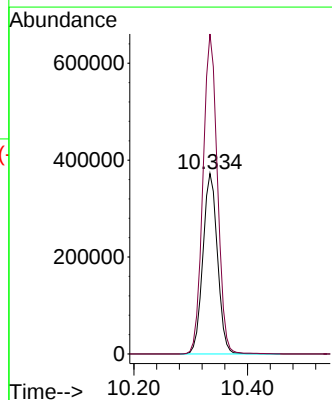
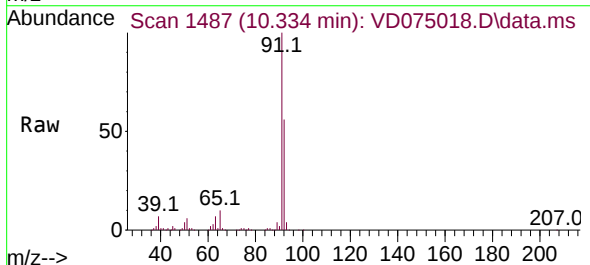
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

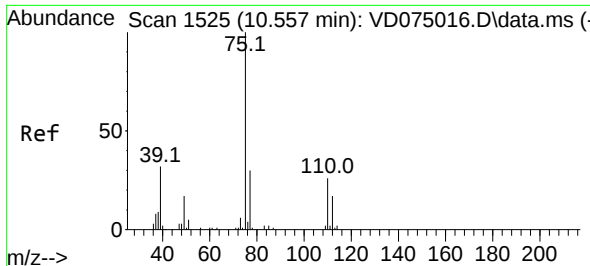
Tgt Ion: 43 Resp: 617801
Ion Ratio Lower Upper
43 100
58 45.2 35.8 53.6



#52
Toluene
Concen: 155.036 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion: 92 Resp: 662486
Ion Ratio Lower Upper
92 100
91 176.0 137.6 206.4

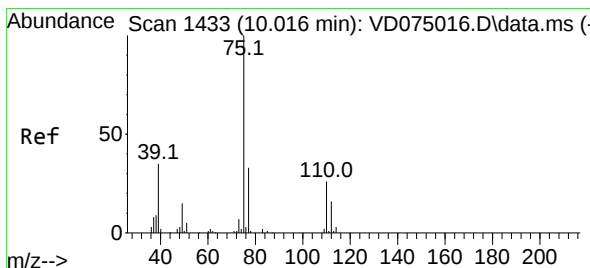
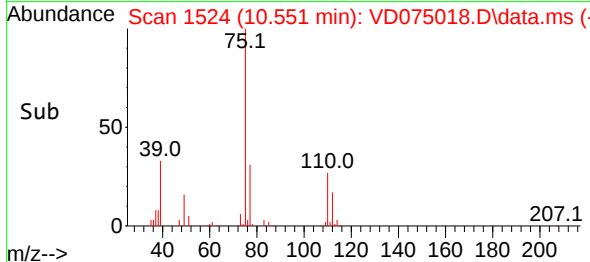
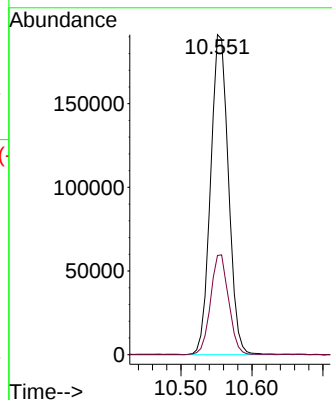
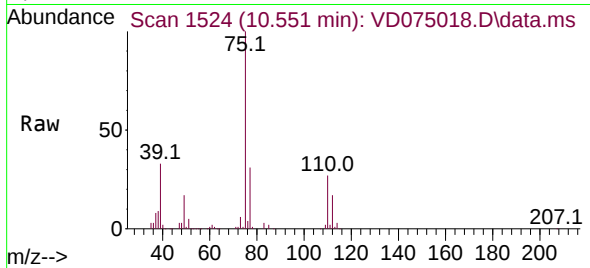




#53
 t-1,3-Dichloropropene
 Concen: 160.305 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.006 min
 Lab File: VD075018.D
 Acq: 14 Dec 2022 12:57

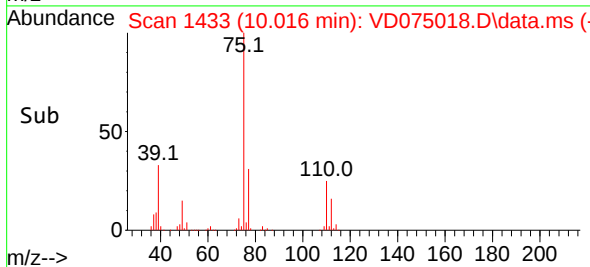
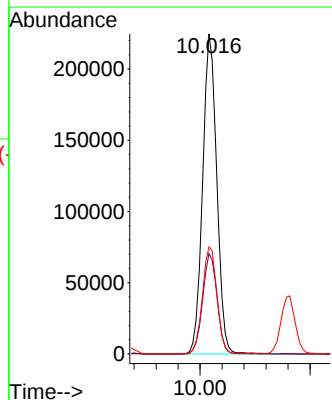
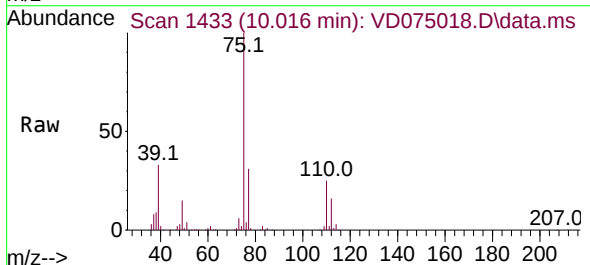
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

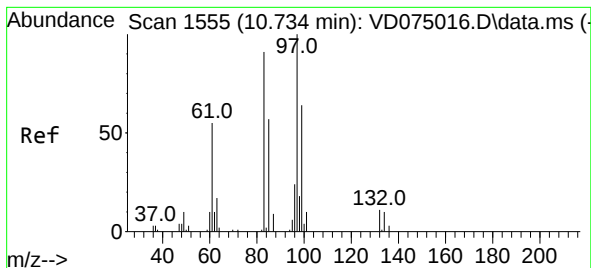
Tgt Ion: 75 Resp: 334107
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 158.439 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075018.D
 Acq: 14 Dec 2022 12:57

Tgt Ion: 75 Resp: 400611
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.2 39.4
 39 33.4 28.3 42.5

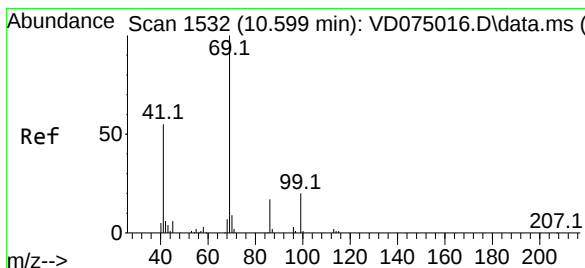
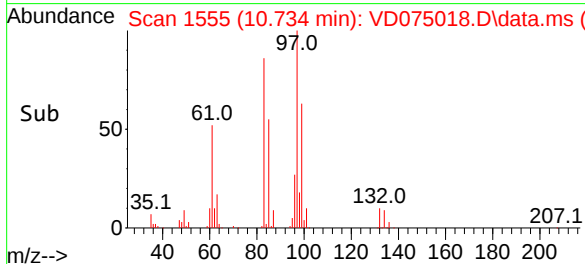
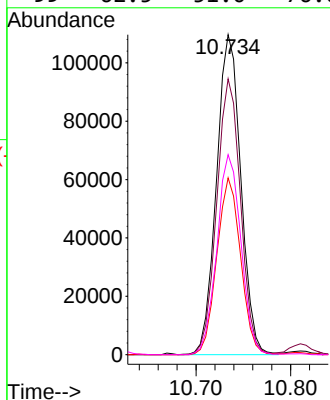
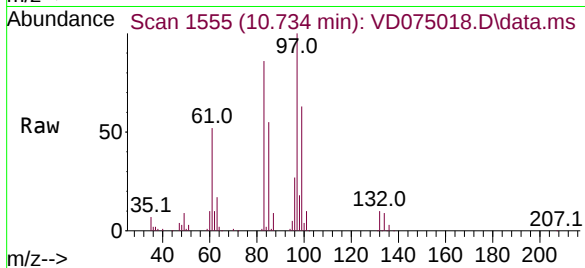




#55
1,1,2-Trichloroethane
Concen: 150.600 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

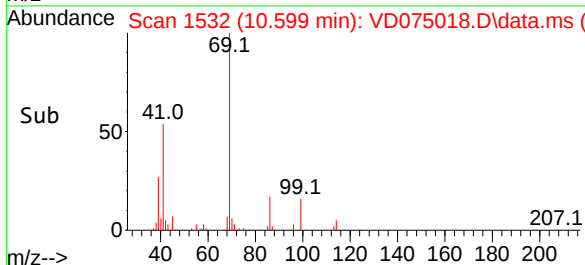
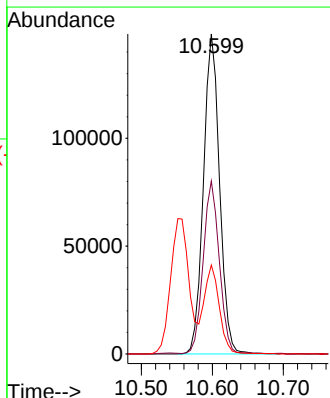
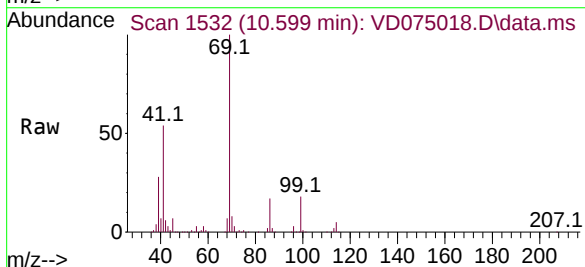
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

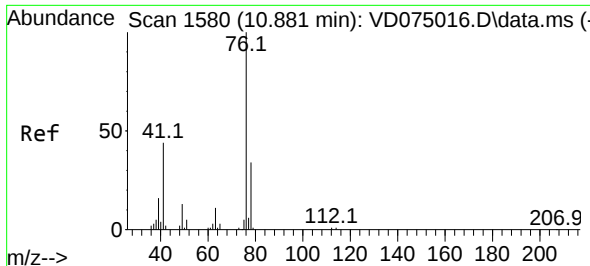
Tgt Ion:	97	Resp:	195897
Ion	Ratio	Lower	Upper
97	100		
83	86.2	73.1	109.7
85	55.2	45.4	68.2
99	62.5	51.0	76.6



#56
Ethyl methacrylate
Concen: 164.412 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion:	69	Resp:	234782
Ion	Ratio	Lower	Upper
69	100		
41	53.7	42.7	64.1
39	25.7	20.4	30.6





#57

1,3-Dichloropropane

Concen: 150.615 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

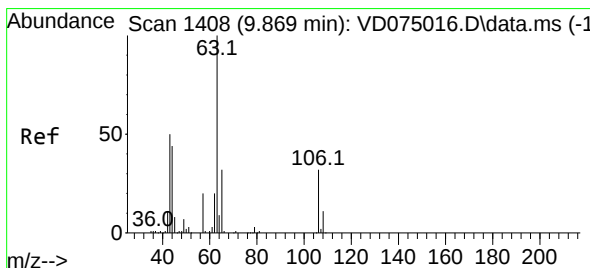
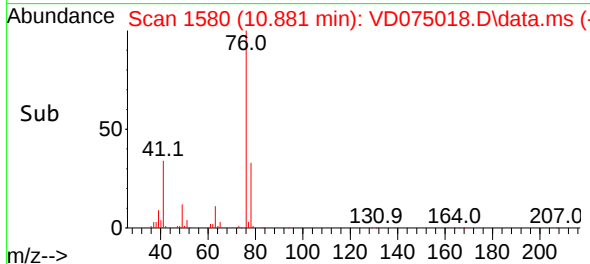
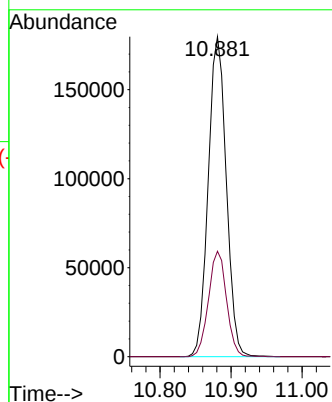
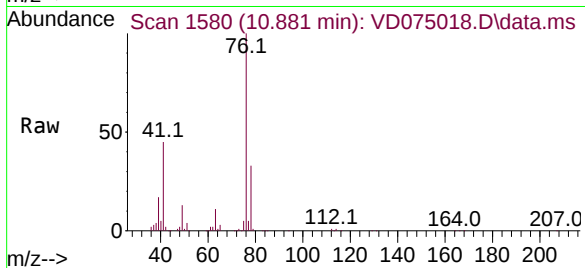
VSTDIC150

Tgt Ion: 76 Resp: 317380

Ion Ratio Lower Upper

76 100

78 32.9 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 851.983 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075018.D

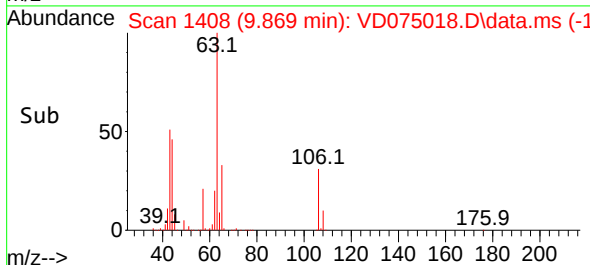
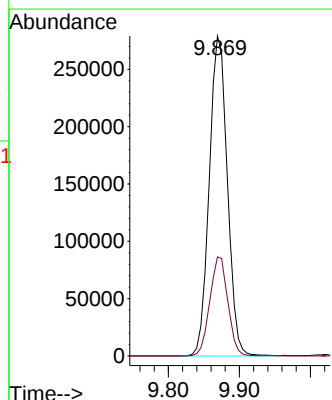
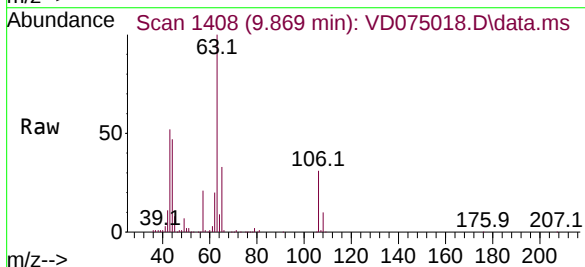
Acq: 14 Dec 2022 12:57

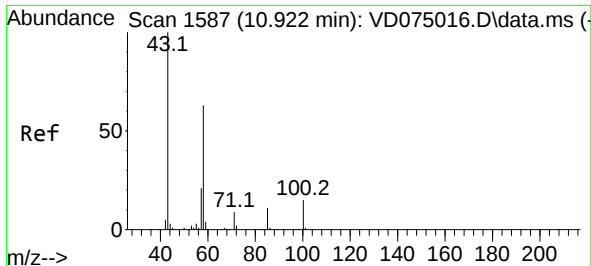
Tgt Ion: 63 Resp: 494400

Ion Ratio Lower Upper

63 100

106 30.8 25.0 37.4

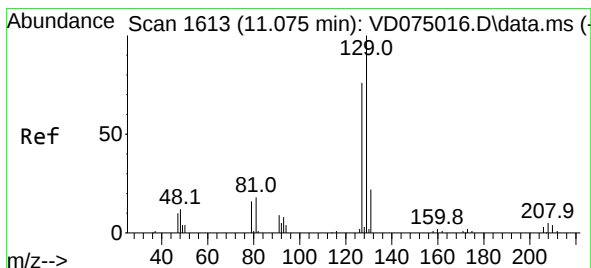
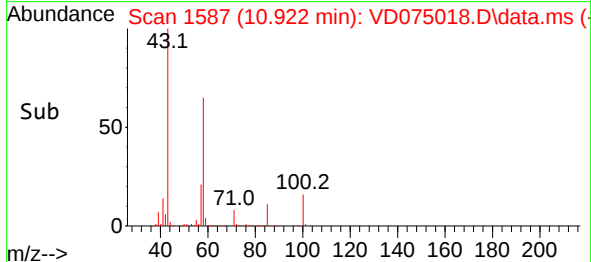
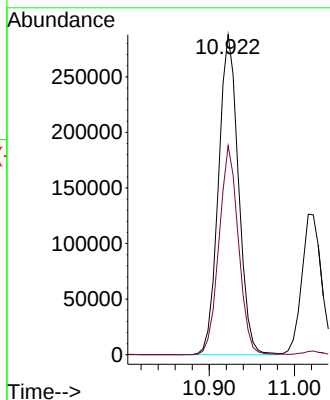
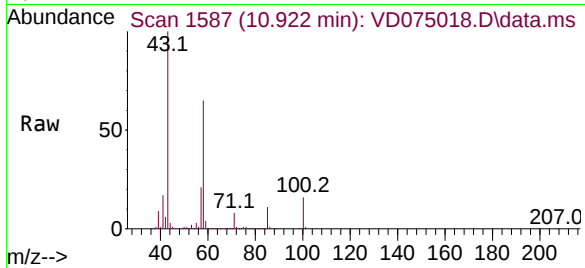




#59
2-Hexanone
Concen: 812.991 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

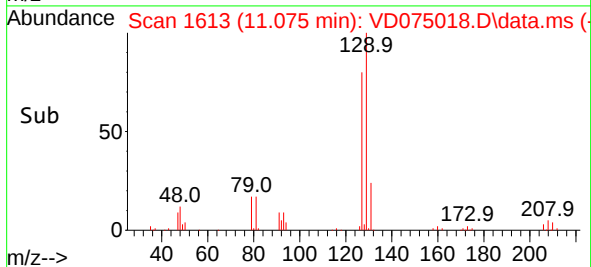
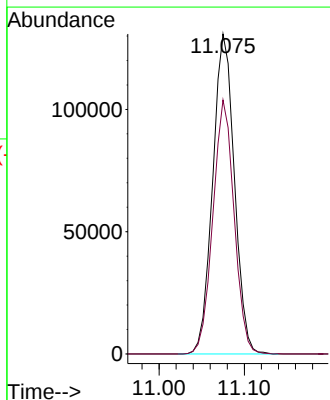
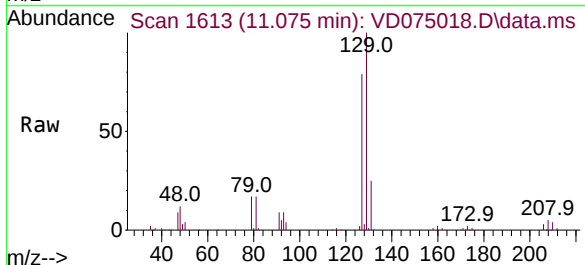
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

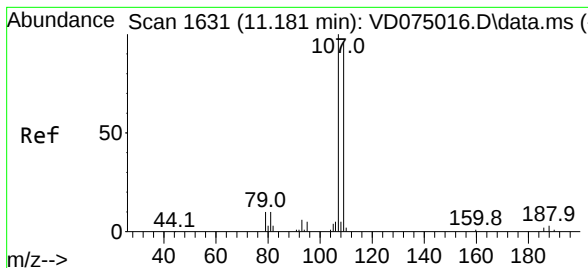
Tgt Ion: 43 Resp: 467777
Ion Ratio Lower Upper
43 100
58 63.6 31.4 94.3



#60
Dibromochloromethane
Concen: 152.063 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion:129 Resp: 231040
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.3

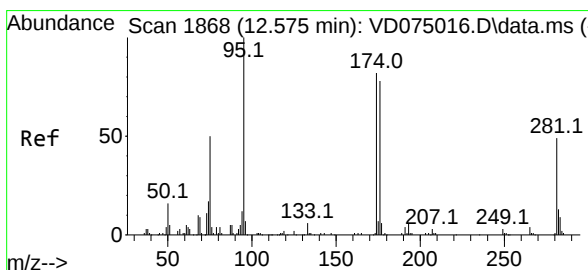
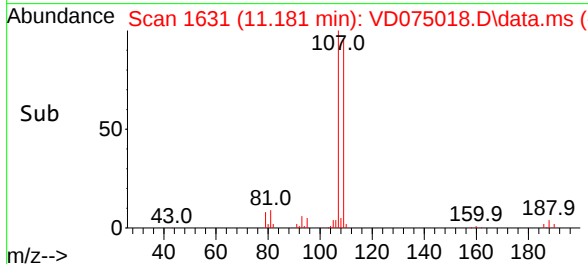
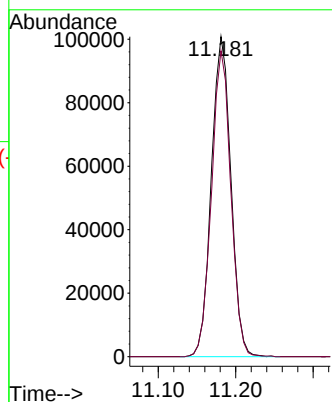
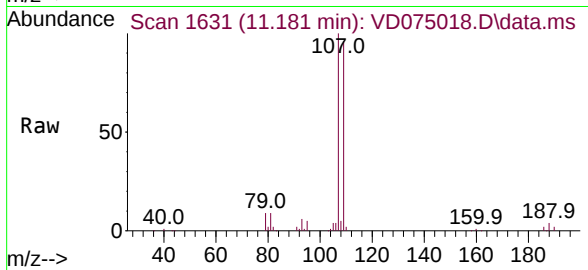




#61
1,2-Dibromoethane
Concen: 150.667 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

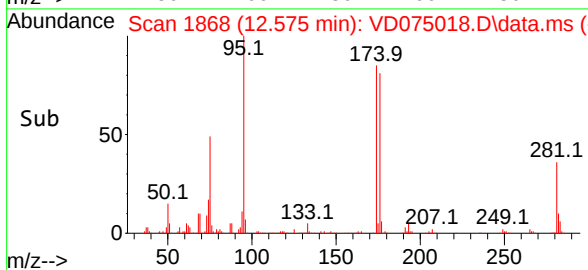
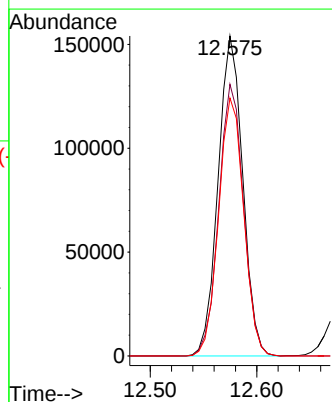
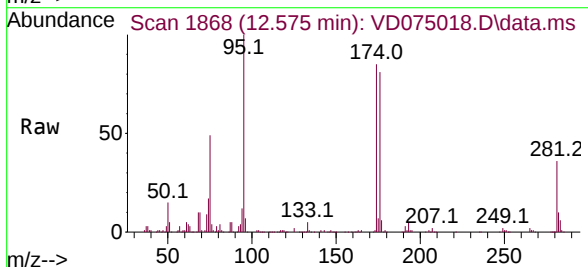
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

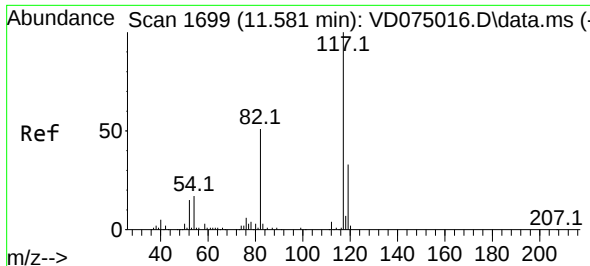
Tgt Ion:107 Resp: 176913
Ion Ratio Lower Upper
107 100
109 94.4 76.4 114.6



#62
4-Bromofluorobenzene
Concen: 136.985 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion: 95 Resp: 247089
Ion Ratio Lower Upper
95 100
174 85.2 0.0 171.6
176 82.1 0.0 165.8

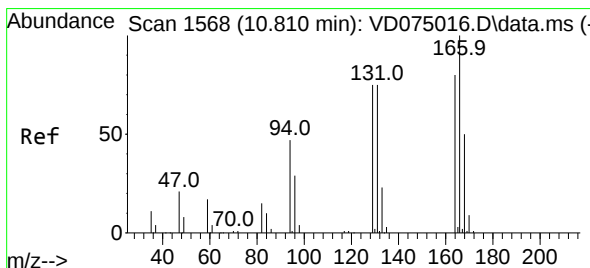
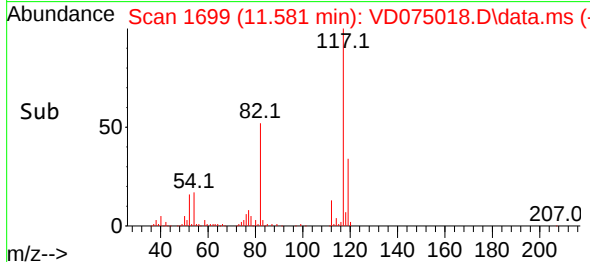
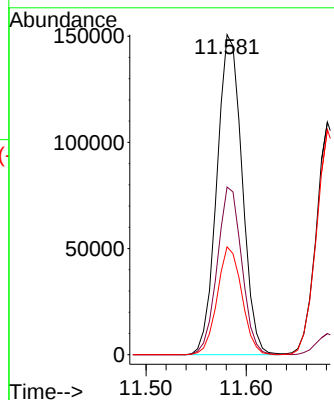
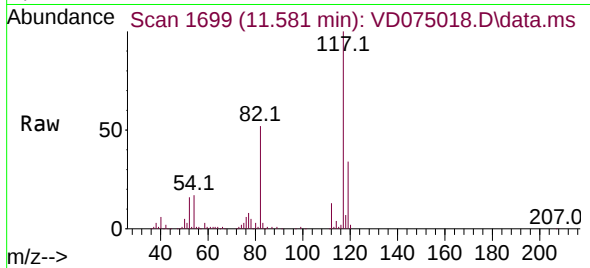




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

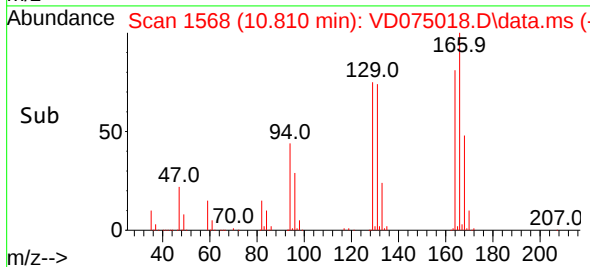
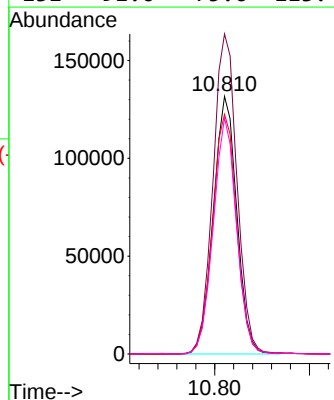
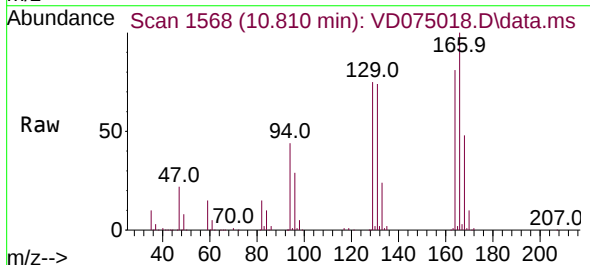
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

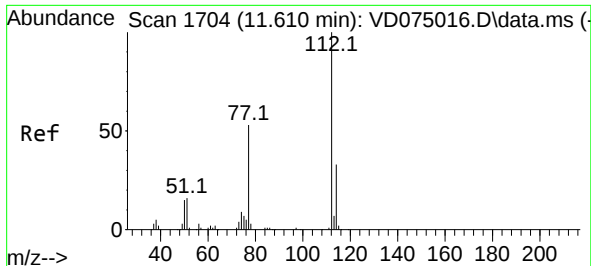
Tgt Ion:117 Resp: 262994
Ion Ratio Lower Upper
117 100
82 52.4 40.7 61.1
119 33.7 26.1 39.1



#64
Tetrachloroethene
Concen: 148.729 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion:164 Resp: 227414
Ion Ratio Lower Upper
164 100
166 124.2 100.3 150.5
129 93.0 74.8 112.2
131 91.6 75.6 113.4

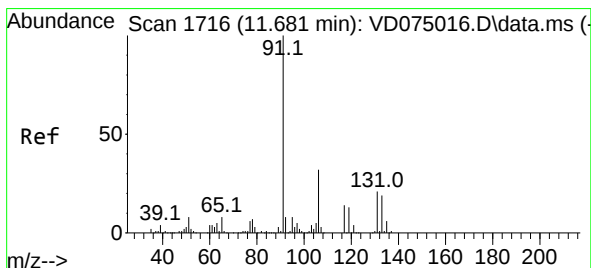
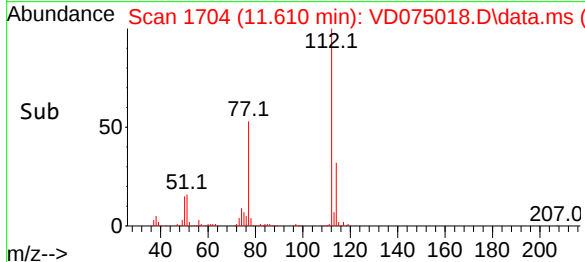
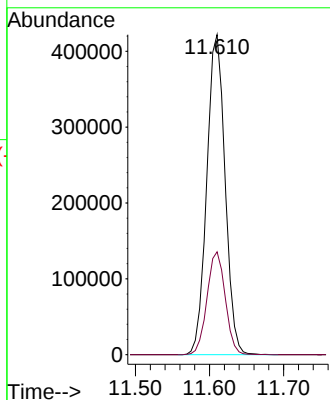
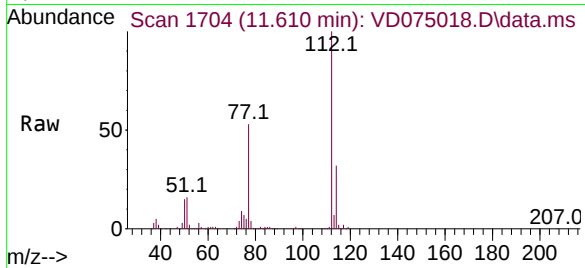




#65
Chlorobenzene
Concen: 149.576 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

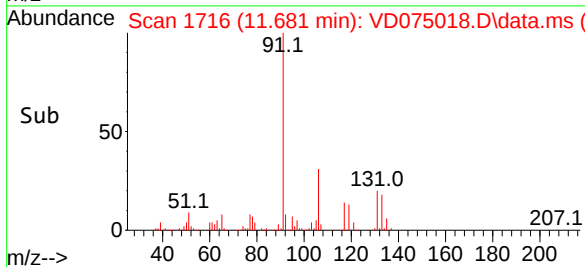
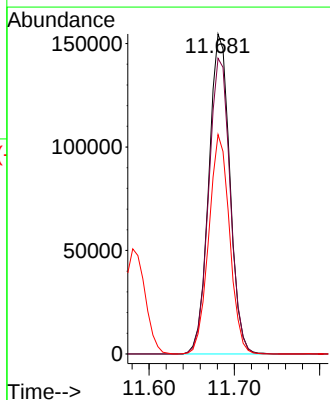
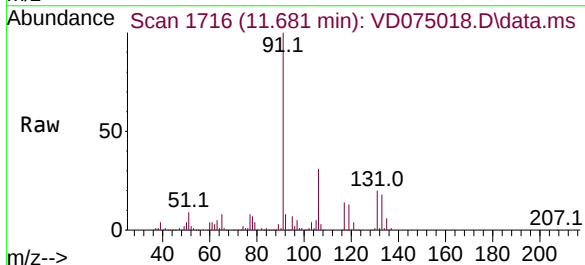
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

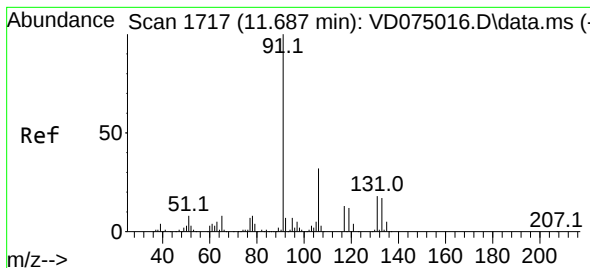
Tgt Ion:112 Resp: 722338
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 155.858 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion:131 Resp: 264580
Ion Ratio Lower Upper
131 100
133 94.3 47.0 141.2
119 67.8 33.4 100.1





#67

Ethyl Benzene

Concen: 160.388 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

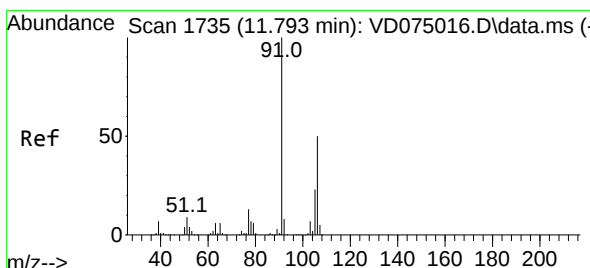
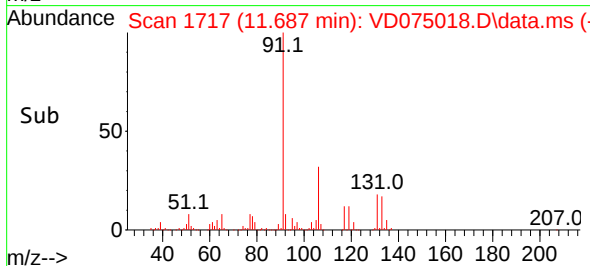
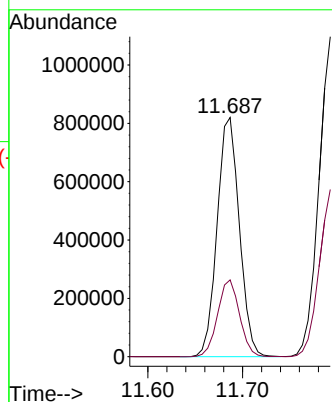
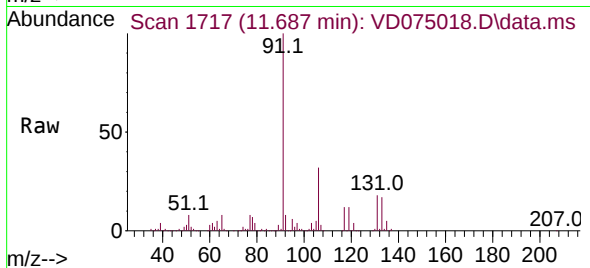
VSTDICC150

Tgt Ion: 91 Resp: 1338187

Ion Ratio Lower Upper

91 100

106 32.1 25.9 38.9



#68

m/p-Xylenes

Concen: 319.776 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD075018.D

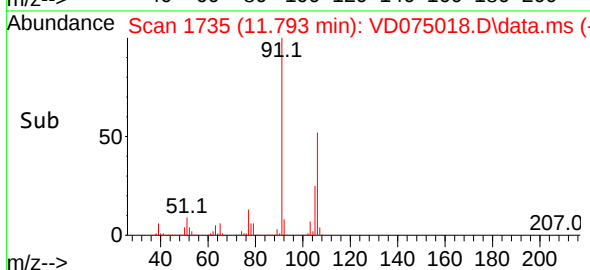
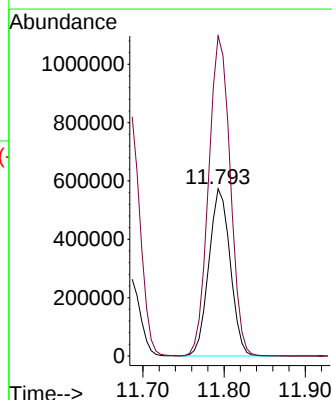
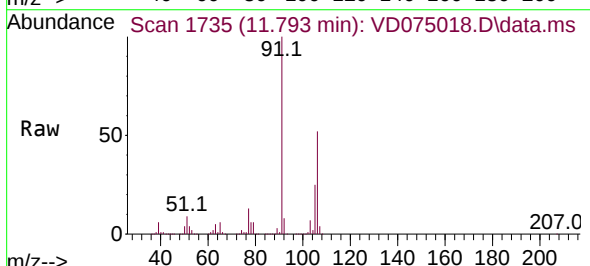
Acq: 14 Dec 2022 12:57

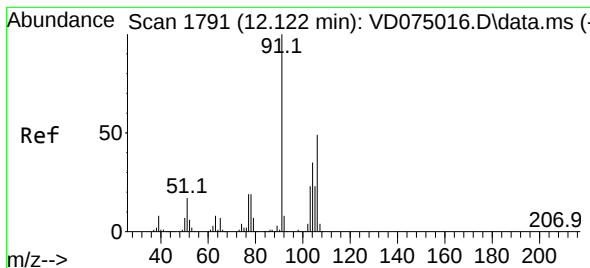
Tgt Ion:106 Resp: 1046949

Ion Ratio Lower Upper

106 100

91 194.5 157.1 235.7

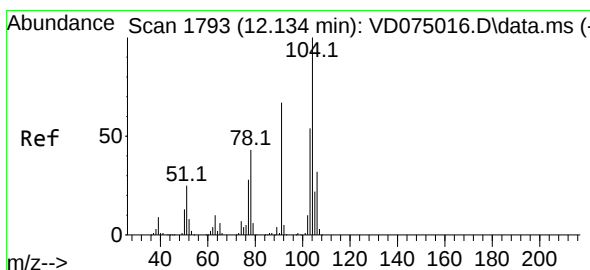
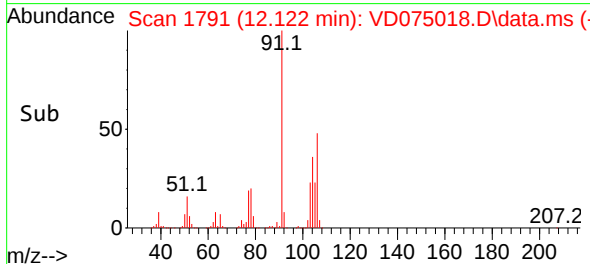
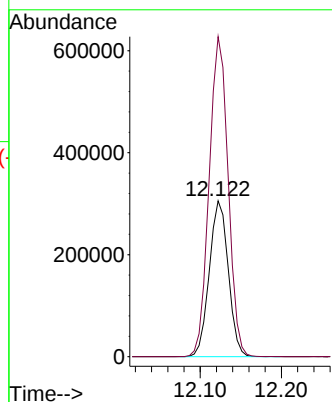
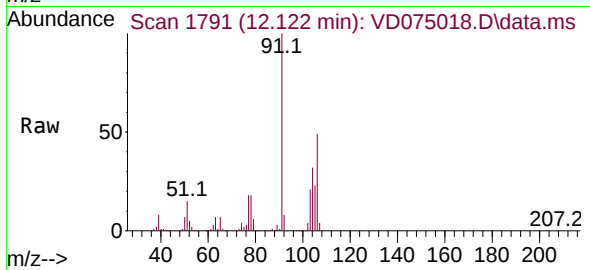




#69
o-Xylene
Concen: 159.703 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

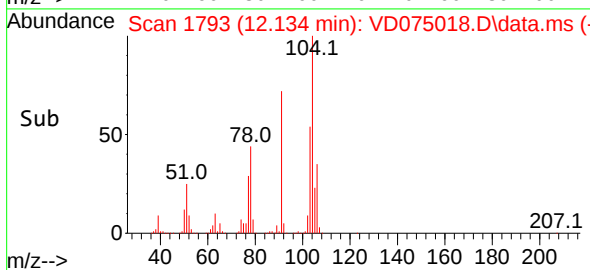
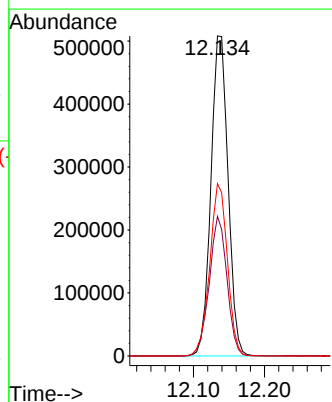
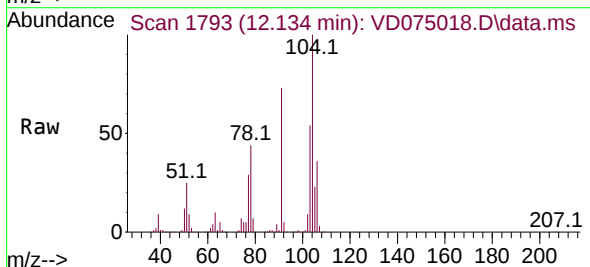
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

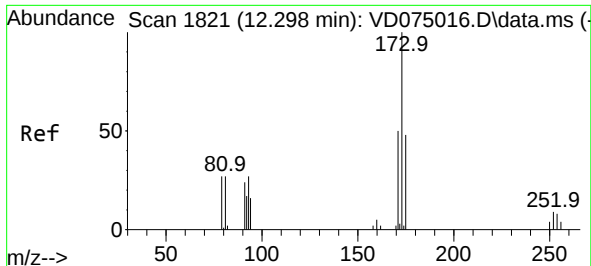
Tgt Ion:106 Resp: 495303
Ion Ratio Lower Upper
106 100
91 205.7 103.4 310.1



#70
Styrene
Concen: 159.769 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion:104 Resp: 851635
Ion Ratio Lower Upper
104 100
78 45.1 35.9 53.9
103 55.5 44.7 67.1

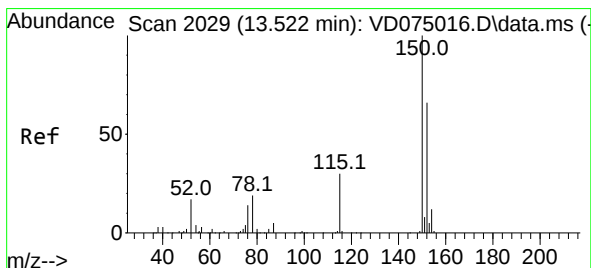
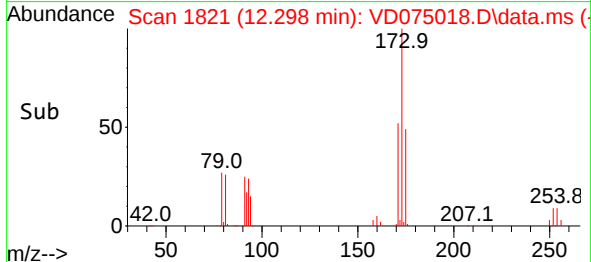
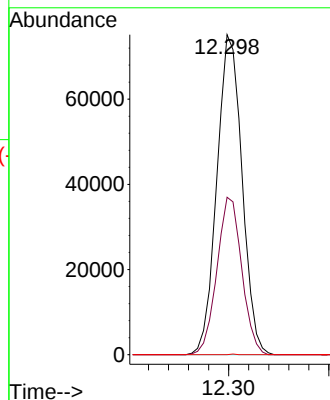
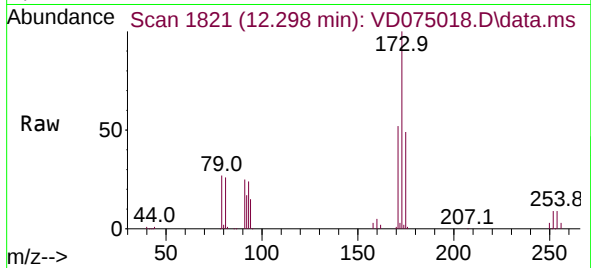




#71
Bromoform
Concen: 149.811 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

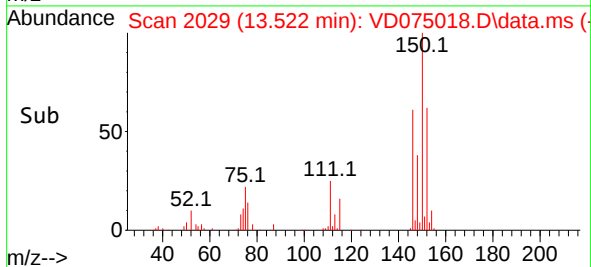
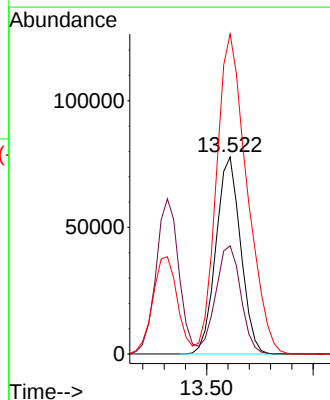
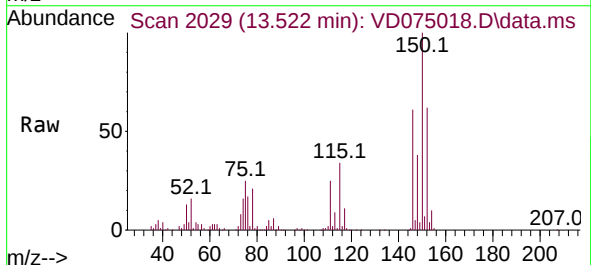
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

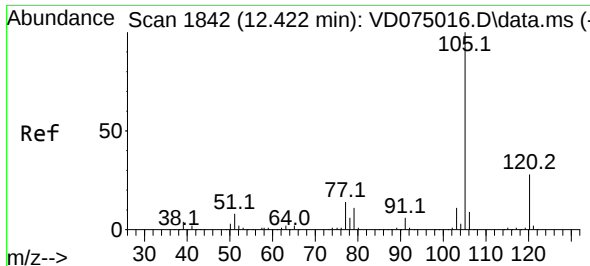
Tgt Ion:173 Resp: 130718
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.3
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion:152 Resp: 124881
Ion Ratio Lower Upper
152 100
115 55.8 28.0 84.0
150 201.0 0.0 342.0

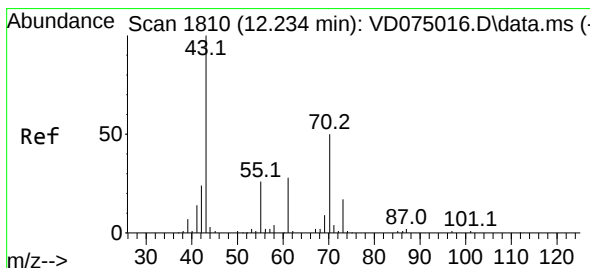
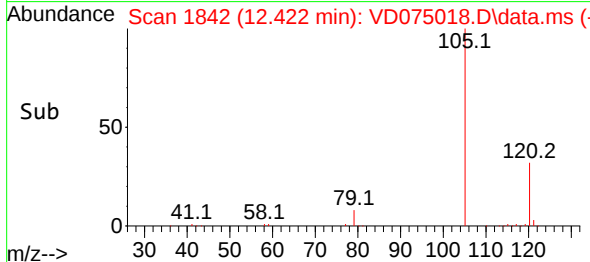
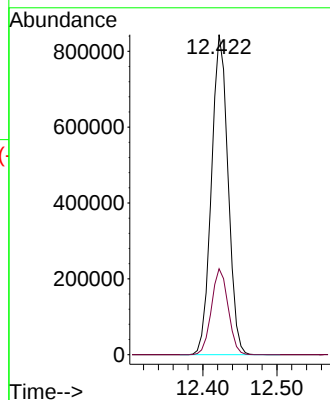
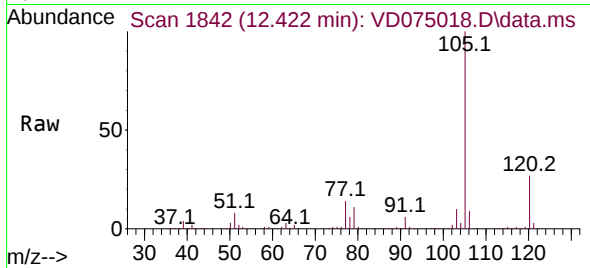




#73
Isopropylbenzene
Concen: 158.779 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

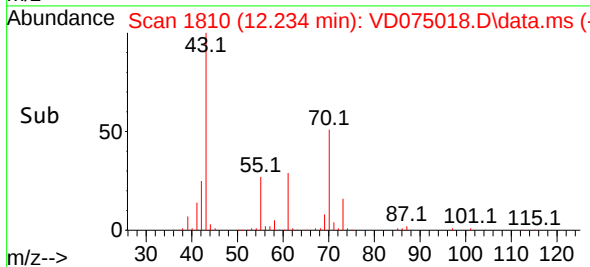
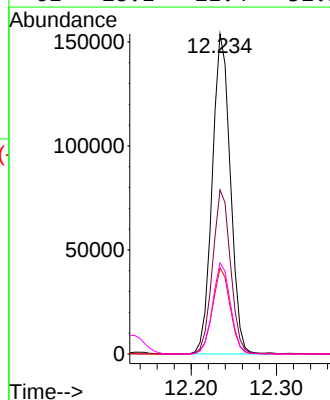
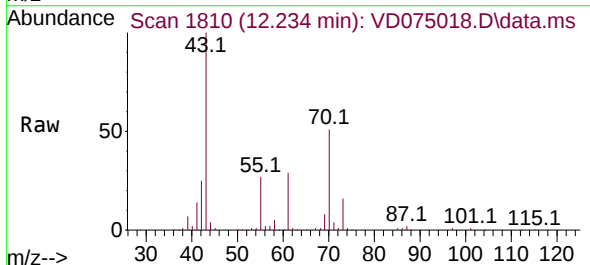
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

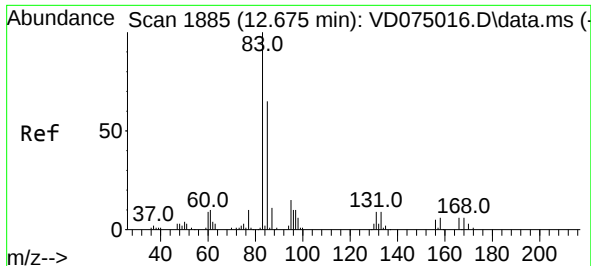
Tgt Ion:105 Resp: 1311347
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



#74
N-ethyl acetate
Concen: 157.300 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion: 43 Resp: 227029
Ion Ratio Lower Upper
43 100
70 50.8 40.2 60.4
55 26.4 21.6 32.4
61 28.1 21.4 32.2

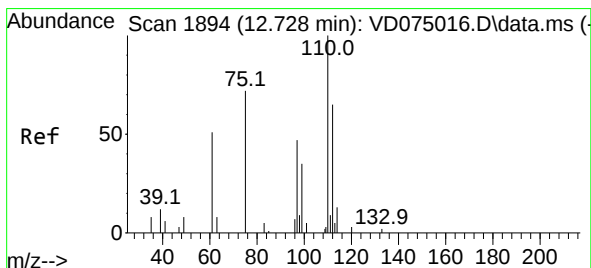
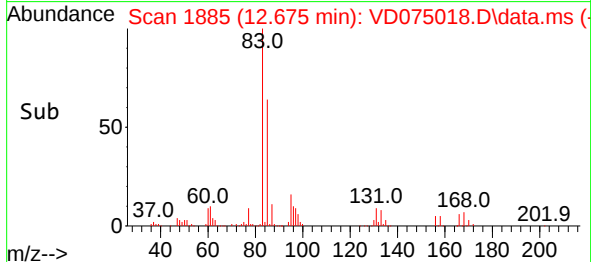
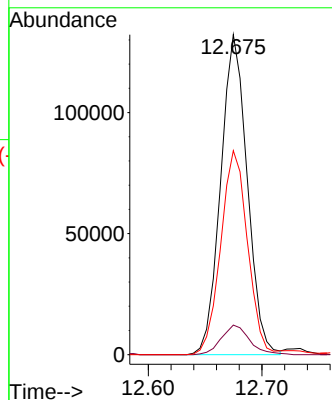
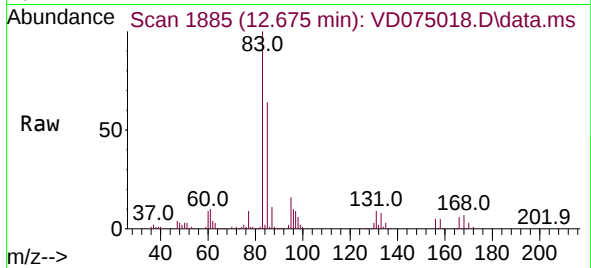




#75
 1,1,2,2-Tetrachloroethane
 Concen: 144.459 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD075018.D
 Acq: 14 Dec 2022 12:57

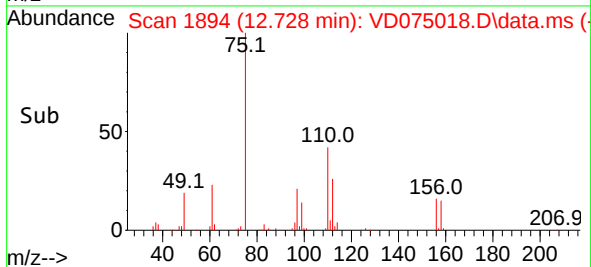
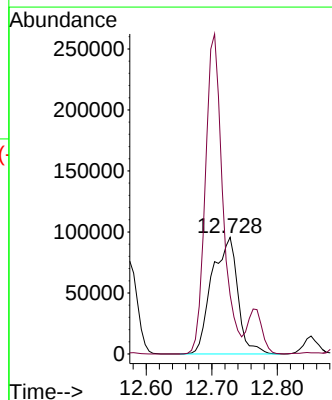
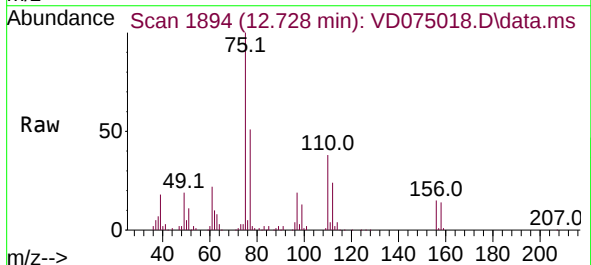
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

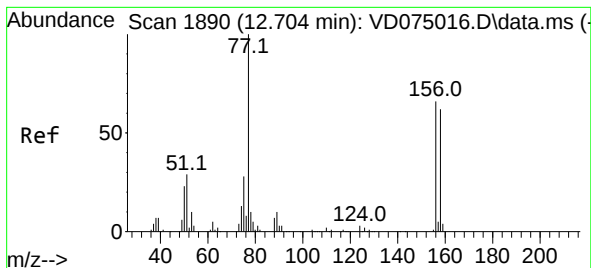
Tgt Ion: 83 Resp: 214461
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.1 15.3
 85 64.5 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 241.512 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VD075018.D
 Acq: 14 Dec 2022 12:57

Tgt Ion: 75 Resp: 261863
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 151.292 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

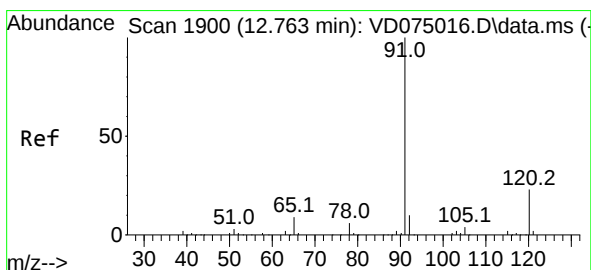
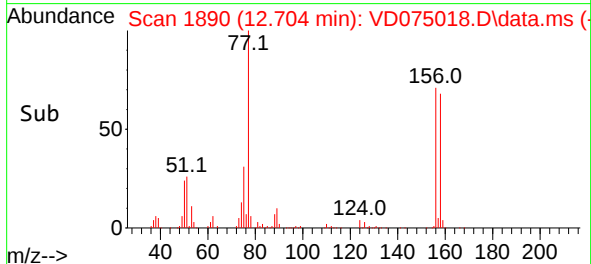
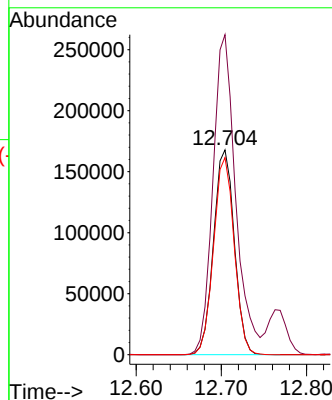
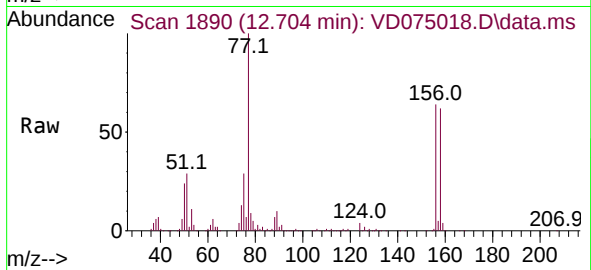
Tgt Ion:156 Resp: 284284

Ion Ratio Lower Upper

156 100

77 170.9 85.7 256.9

158 95.8 47.7 143.1



#78

n-propylbenzene

Concen: 155.356 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD075018.D

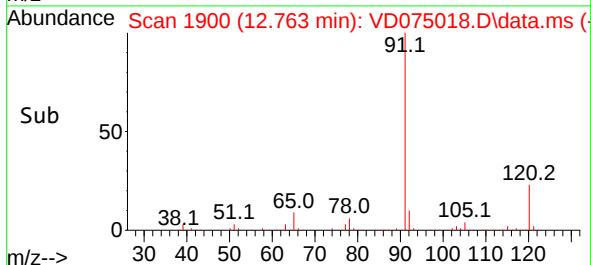
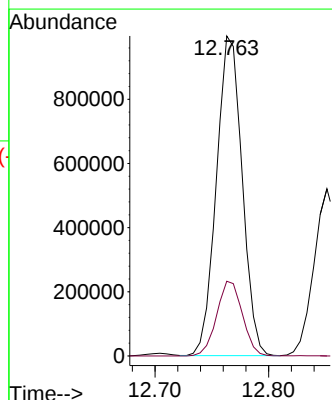
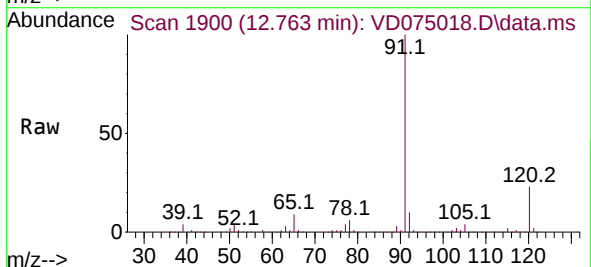
Acq: 14 Dec 2022 12:57

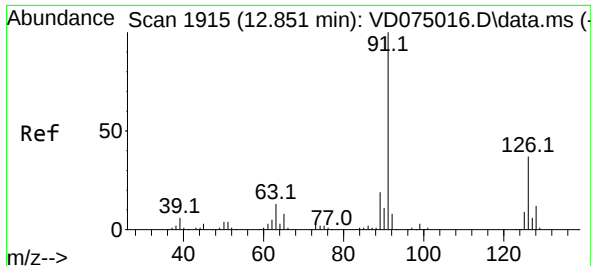
Tgt Ion: 91 Resp: 1570873

Ion Ratio Lower Upper

91 100

120 23.3 11.6 34.8

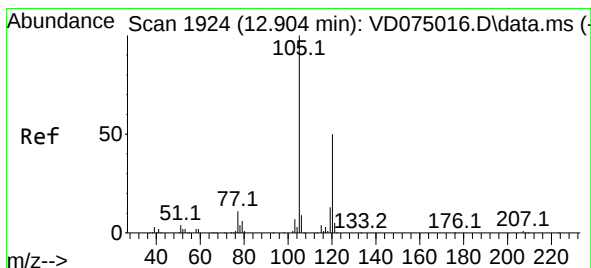
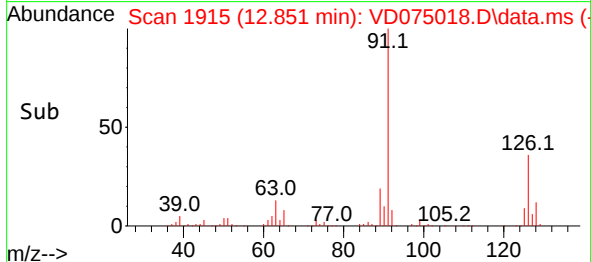
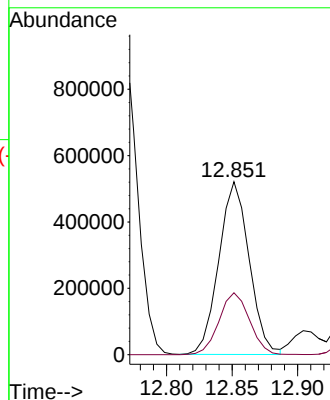
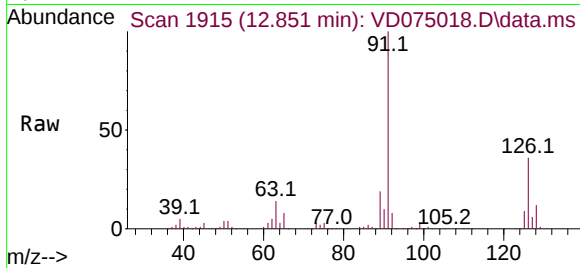




#79
2-Chlorotoluene
Concen: 152.591 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

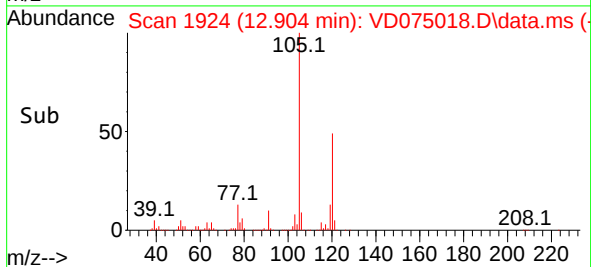
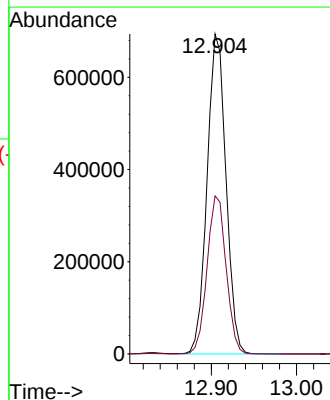
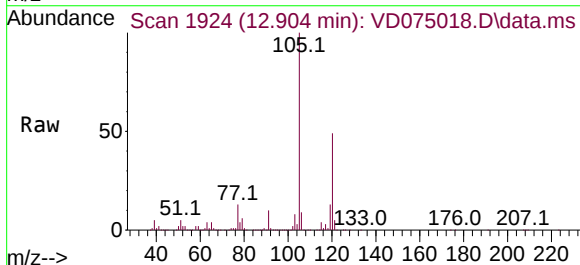
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

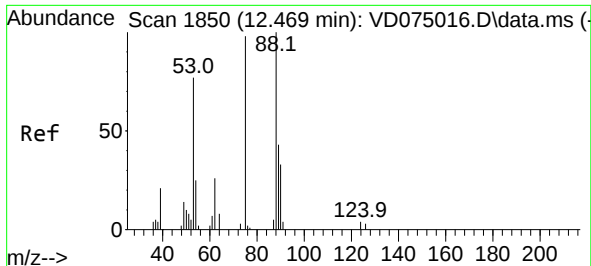
Tgt Ion: 91 Resp: 840549
Ion Ratio Lower Upper
91 100
126 36.0 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 156.287 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion: 105 Resp: 1066966
Ion Ratio Lower Upper
105 100
120 49.9 25.1 75.3

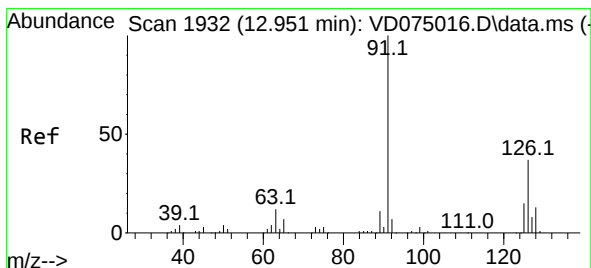
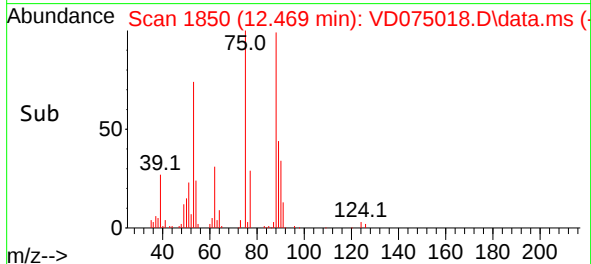
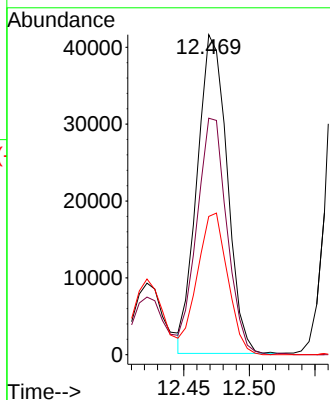
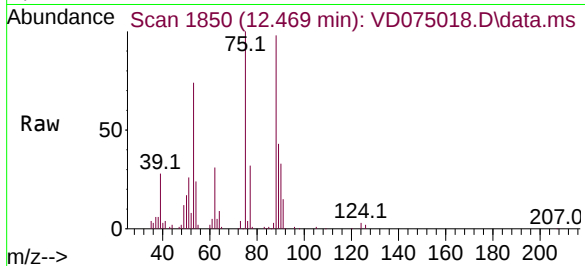




#81
trans-1,4-Dichloro-2-butene
Concen: 154.792 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

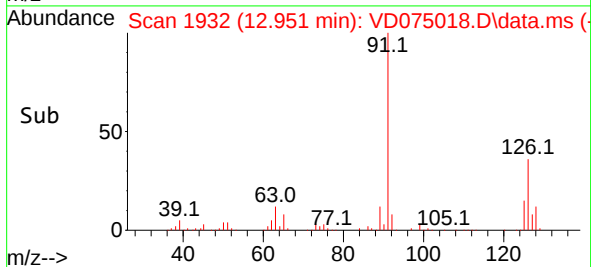
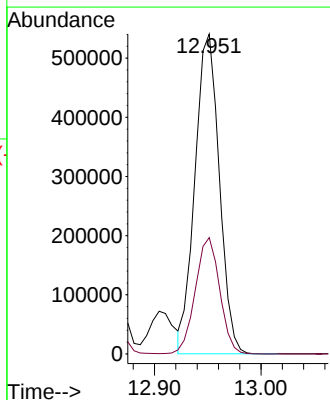
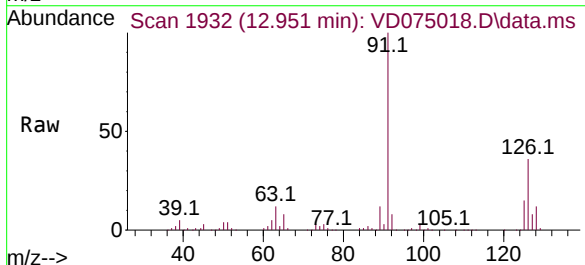
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

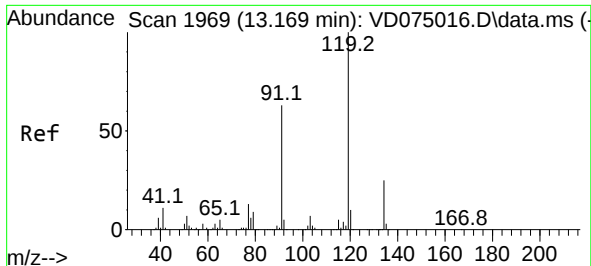
Tgt Ion: 75 Resp: 66053
Ion Ratio Lower Upper
75 100
53 74.6 61.0 91.6
89 45.2 36.9 55.3



#82
4-Chlorotoluene
Concen: 150.538 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion: 91 Resp: 859848
Ion Ratio Lower Upper
91 100
126 36.5 18.2 54.6

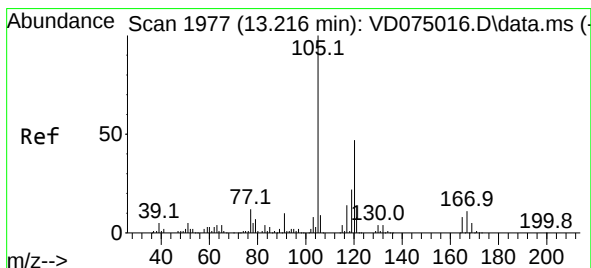
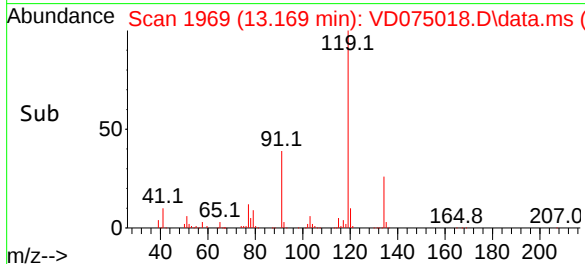
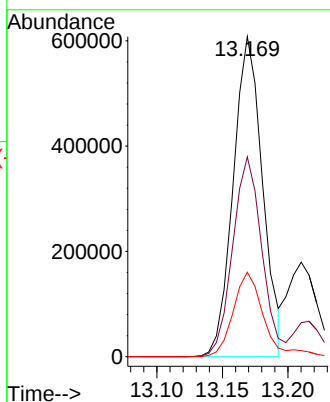
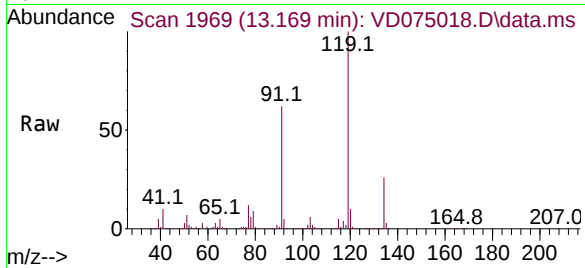




#83
tert-Butylbenzene
Concen: 160.954 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

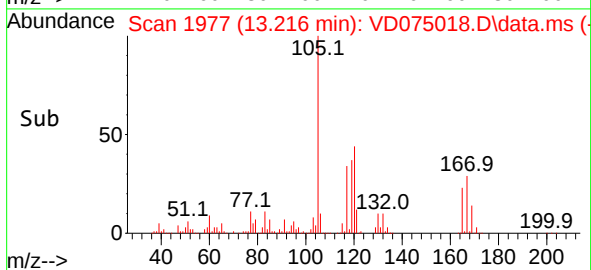
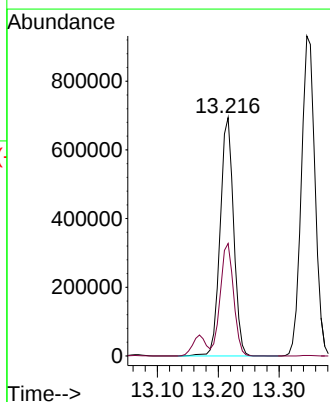
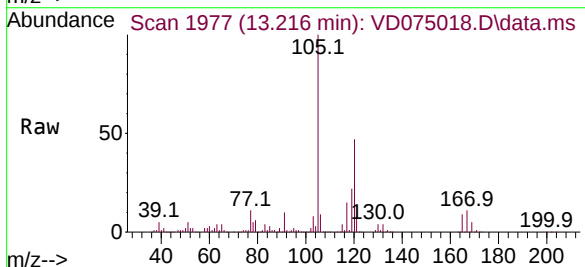
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

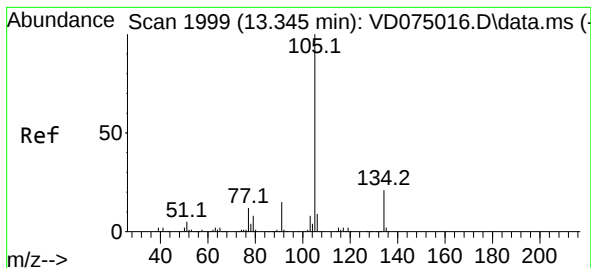
Tgt Ion:119 Resp: 946163
Ion Ratio Lower Upper
119 100
91 62.4 31.4 94.0
134 27.5 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 157.203 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion:105 Resp: 1064157
Ion Ratio Lower Upper
105 100
120 46.7 23.0 69.0





#85

sec-Butylbenzene

Concen: 158.314 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

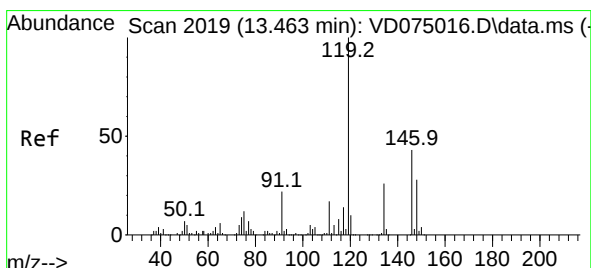
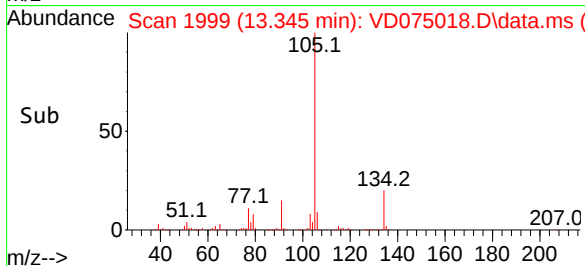
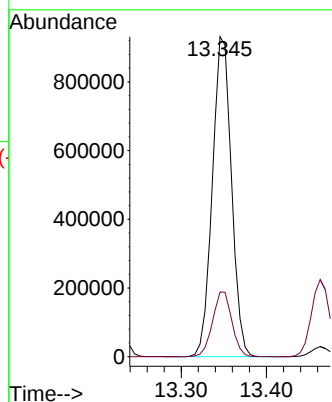
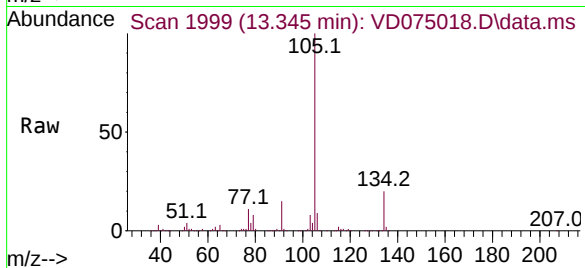
VSTDIC150

Tgt Ion:105 Resp: 1448563

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.8



#86

p-Isopropyltoluene

Concen: 161.467 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

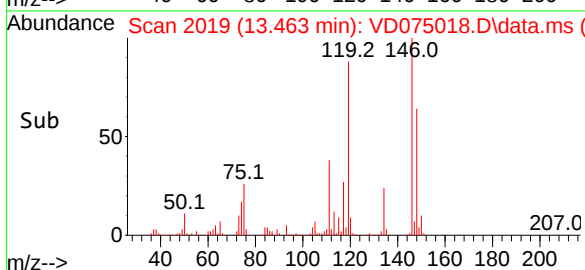
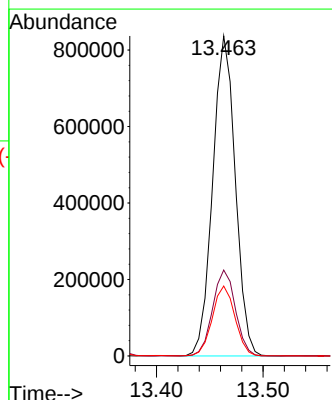
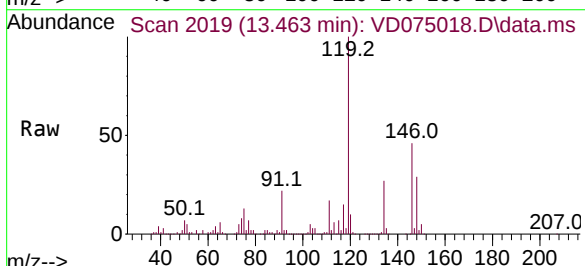
Tgt Ion:119 Resp: 1231068

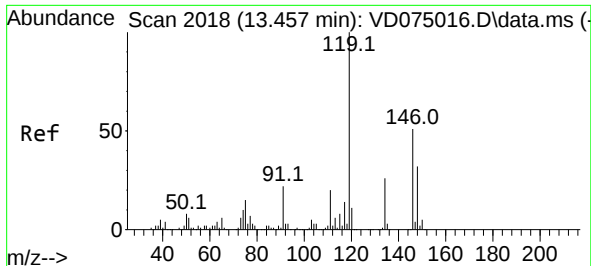
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 21.8 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 151.198 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

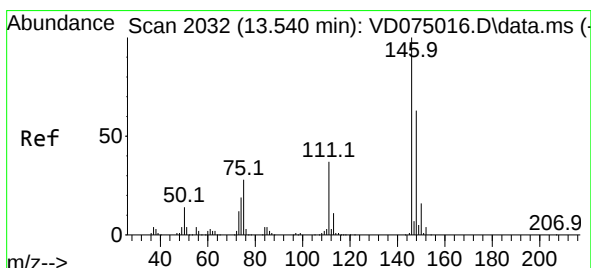
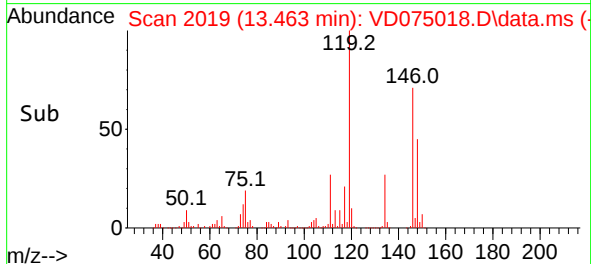
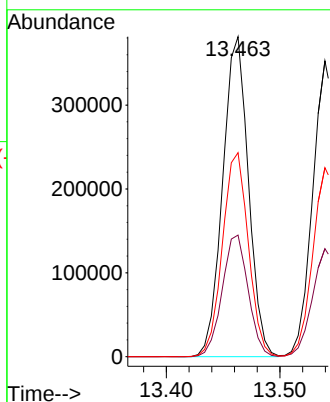
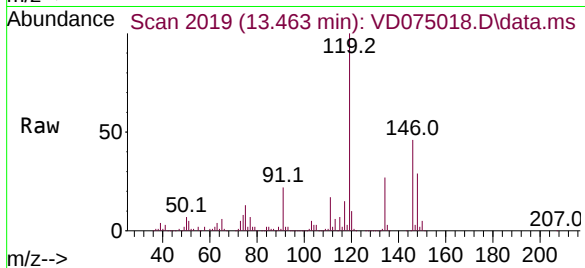
Tgt Ion:146 Resp: 600480

Ion Ratio Lower Upper

146 100

111 38.3 19.3 57.8

148 64.2 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 144.187 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

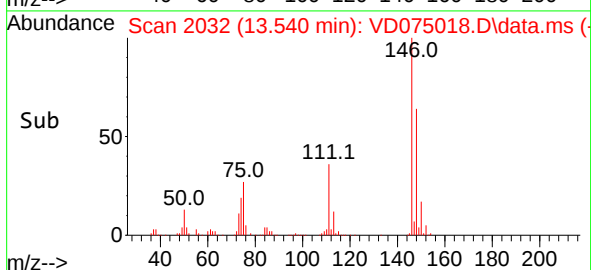
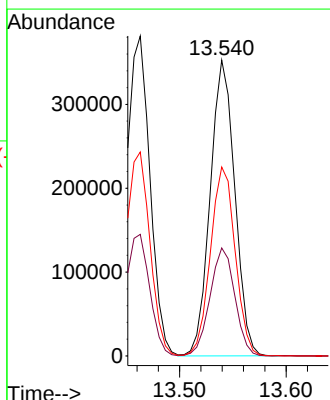
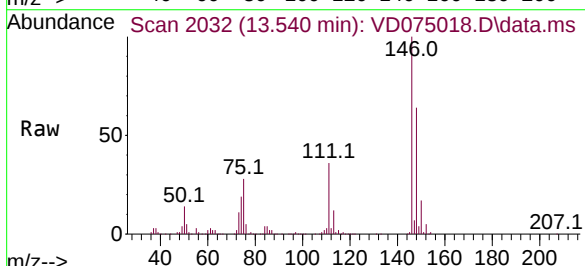
Tgt Ion:146 Resp: 565153

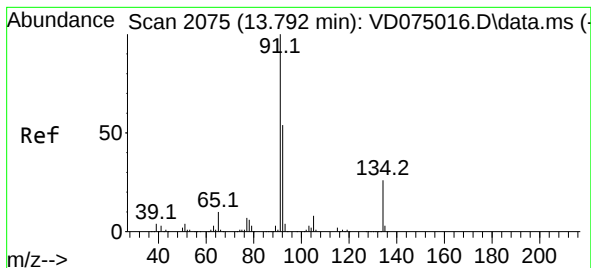
Ion Ratio Lower Upper

146 100

111 36.7 18.5 55.5

148 64.5 31.6 94.7





#89

n-Butylbenzene

Concen: 159.508 ug/l

RT: 13.787 min Scan# 2075

Delta R.T. -0.006 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

Instrument :

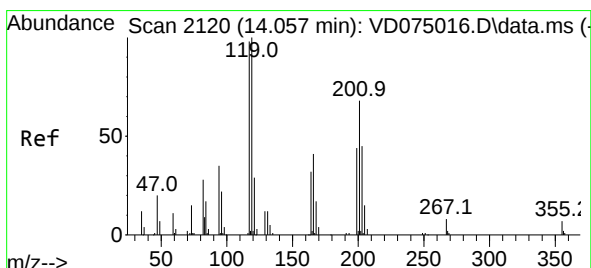
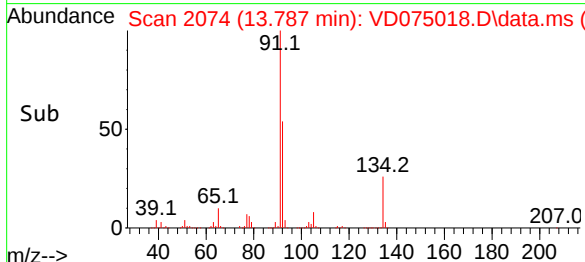
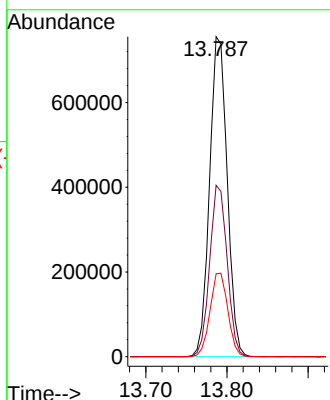
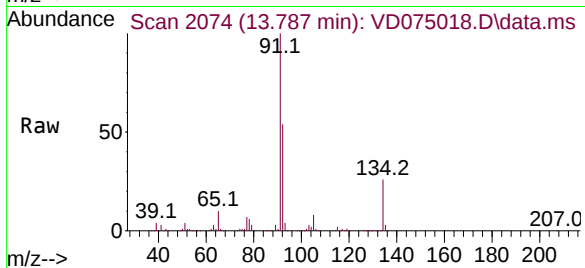
MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1136928

Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.4	79.2
134	26.4	13.1	39.3



#90

Hexachloroethane

Concen: 155.335 ug/l

RT: 14.057 min Scan# 2120

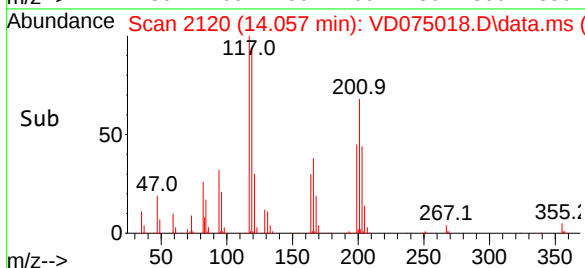
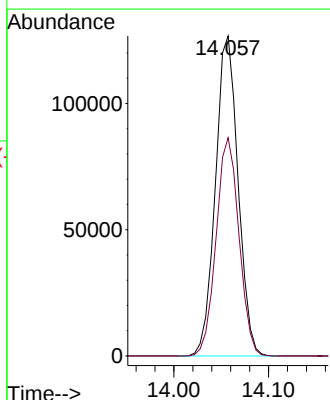
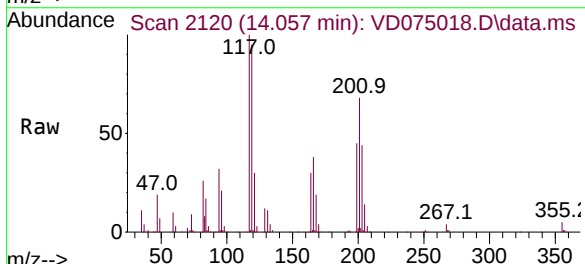
Delta R.T. 0.000 min

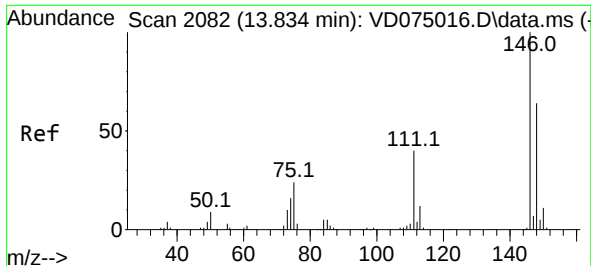
Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

Tgt Ion: 117 Resp: 210438

Ion	Ratio	Lower	Upper
117	100		
201	68.7	34.1	102.3





#91

1,2-Dichlorobenzene

Concen: 147.336 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

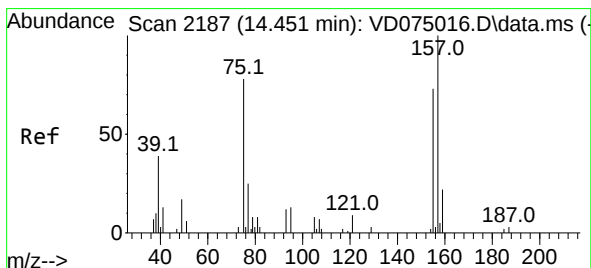
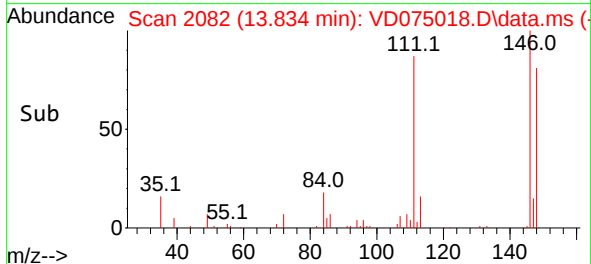
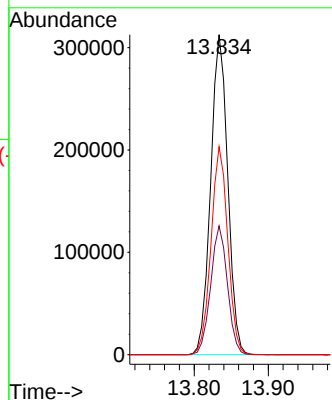
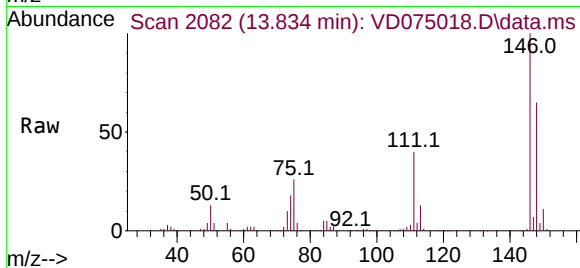
Tgt Ion:146 Resp: 499455

Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.7

148 63.9 31.3 93.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 148.202 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

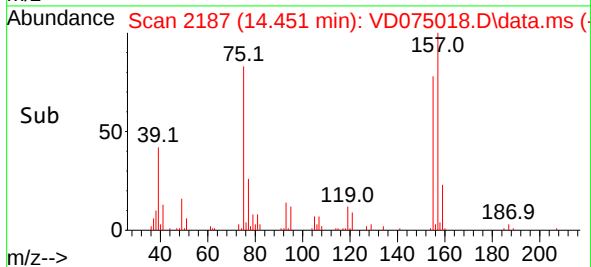
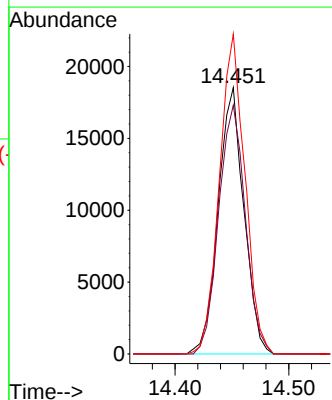
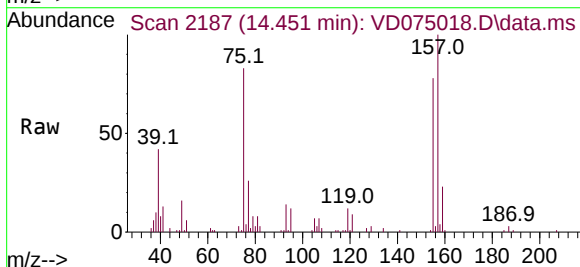
Tgt Ion: 75 Resp: 29142

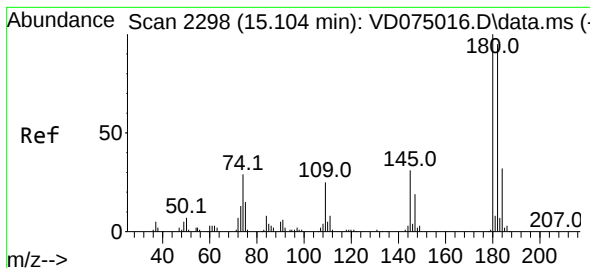
Ion Ratio Lower Upper

75 100

155 96.5 47.6 142.9

157 118.9 60.5 181.4





#93

1,2,4-Trichlorobenzene

Concen: 154.828 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

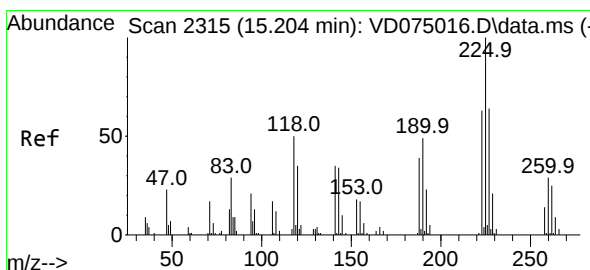
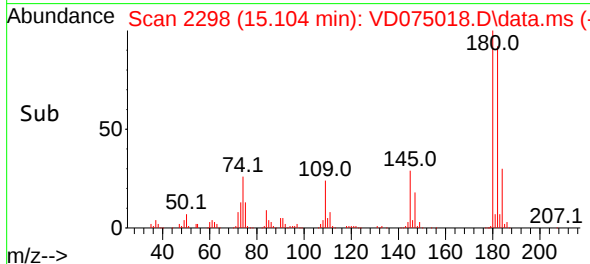
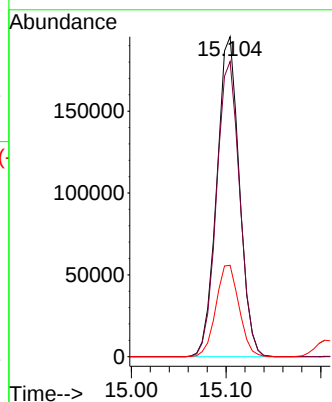
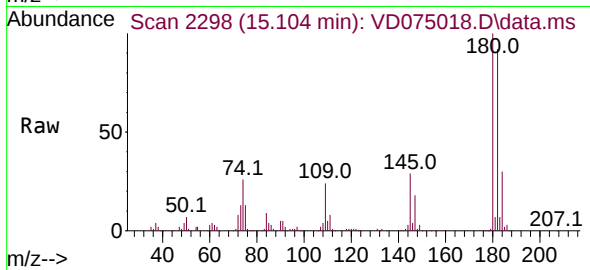
Tgt Ion:180 Resp: 323488

Ion Ratio Lower Upper

180 100

182 94.5 47.1 141.4

145 29.3 14.8 44.4



#94

Hexachlorobutadiene

Concen: 155.471 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD075018.D

Acq: 14 Dec 2022 12:57

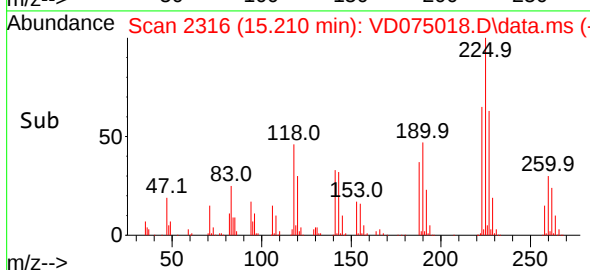
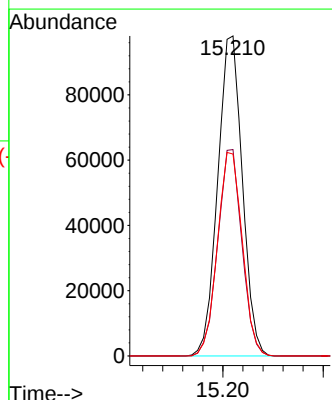
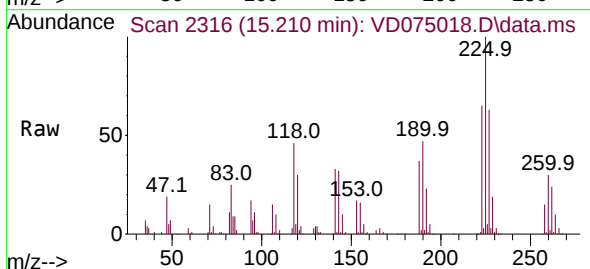
Tgt Ion:225 Resp: 167270

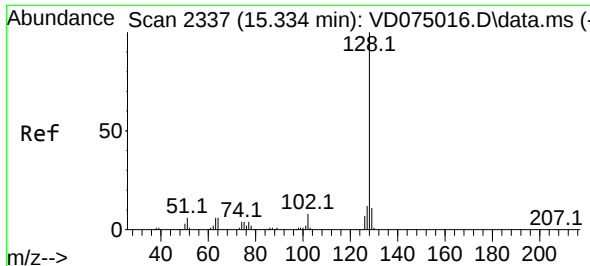
Ion Ratio Lower Upper

225 100

223 63.5 32.3 96.9

227 64.2 31.8 95.4

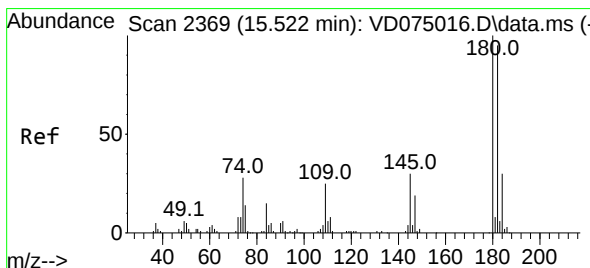
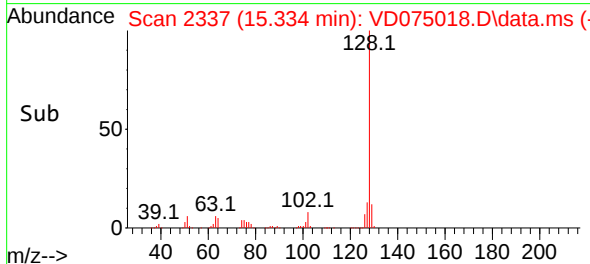
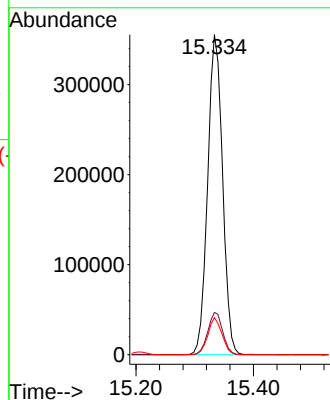
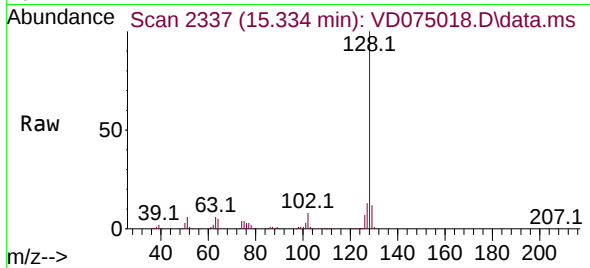




#95
Naphthalene
Concen: 157.747 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 623370
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 155.130 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD075018.D
Acq: 14 Dec 2022 12:57

Tgt Ion:180 Resp: 274902
Ion Ratio Lower Upper
180 100
182 95.6 47.6 142.8
145 31.6 15.8 47.4

