

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121422\
 Data File : VD075021.D
 Acq On : 14 Dec 2022 15:44
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD121422

Quant Time: Dec 15 03:36:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121422S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 15 03:27:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	215413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	356363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	310059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	122300	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66712	44.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.000%
35) Dibromofluoromethane	7.805	113	89227	40.005	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.000%
50) Toluene-d8	10.269	98	299866	43.858	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.720%
62) 4-Bromofluorobenzene	12.575	95	87712	39.955	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	52263	46.062	ug/l	99
3) Chloromethane	2.146	50	97626	46.762	ug/l	98
4) Vinyl Chloride	2.281	62	115824	48.189	ug/l	99
5) Bromomethane	2.681	94	79672	48.485	ug/l	99
6) Chloroethane	2.828	64	85932	44.573	ug/l	95
7) Trichlorofluoromethane	3.170	101	139277	43.886	ug/l	94
8) Diethyl Ether	3.593	74	43646	46.009	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.958	101	91794	44.390	ug/l	100
10) Methyl Iodide	4.158	142	83327	47.552	ug/l	99
11) Tert butyl alcohol	5.058	59	25584	211.009	ug/l	100
12) 1,1-Dichloroethene	3.934	96	89943	45.406	ug/l	95
13) Acrolein	3.793	56	47461	223.621	ug/l	100
14) Allyl chloride	4.558	41	105493	46.597	ug/l	100
15) Acrylonitrile	5.258	53	92395	230.803	ug/l	98
16) Acetone	4.022	43	102768	256.885	ug/l	94
17) Carbon Disulfide	4.264	76	198828	46.875	ug/l	99
18) Methyl Acetate	4.564	43	42043	44.924	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	201268	47.766	ug/l	98
20) Methylene Chloride	4.799	84	118902	51.099	ug/l	97
21) trans-1,2-Dichloroethene	5.305	96	100397	46.482	ug/l	90
22) Diisopropyl ether	6.216	45	246378	47.564	ug/l	99
23) Vinyl Acetate	6.152	43	504410	218.171	ug/l	98
24) 1,1-Dichloroethane	6.111	63	170022	46.252	ug/l	99
25) 2-Butanone	7.081	43	117796	233.786	ug/l	97
26) 2,2-Dichloropropane	7.075	77	157738	45.658	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	118428	46.384	ug/l	99
28) Bromochloromethane	7.416	49	54610	46.457	ug/l	99
29) Tetrahydrofuran	7.440	42	61582	228.338	ug/l	98
30) Chloroform	7.593	83	186149	46.436	ug/l	100
31) Cyclohexane	7.875	56	122022	44.278	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	158774	46.297	ug/l	98
36) 1,1-Dichloropropene	8.005	75	129357	44.140	ug/l	99
37) Ethyl Acetate	7.163	43	46543	40.583	ug/l	99
38) Carbon Tetrachloride	7.987	117	125283	45.697	ug/l	98
39) Methylcyclohexane	9.269	83	145138	48.645	ug/l	98
40) Benzene	8.246	78	393937	44.755	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	30360	48.943	ug/l #	84
42) 1,2-Dichloroethane	8.322	62	94860	44.914	ug/l	99
43) Isopropyl Acetate	8.357	43	87825	45.653	ug/l	98
44) Trichloroethene	9.028	130	114808	49.841	ug/l	95
45) 1,2-Dichloropropane	9.304	63	96700	48.457	ug/l	96
46) Dibromomethane	9.393	93	54384	50.162	ug/l	98
47) Bromodichloromethane	9.581	83	139268	50.603	ug/l	98
48) Methyl methacrylate	9.381	41	39179	46.393	ug/l	98
49) 1,4-Dioxane	9.381	88	12287	1012.492	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	235122	244.523	ug/l	99
52) Toluene	10.334	92	261122	50.210	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	126401	49.831	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	154593	50.236	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	78701	49.712	ug/l	96
56) Ethyl methacrylate	10.599	69	88322	50.819	ug/l	99
57) 1,3-Dichloropropane	10.881	76	125827	49.063	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	178281	252.433	ug/l	99
59) 2-Hexanone	10.922	43	175868	251.144	ug/l	99
60) Dibromochloromethane	11.075	129	93437	50.529	ug/l	99
61) 1,2-Dibromoethane	11.181	107	72164	50.497	ug/l	100
64) Tetrachloroethene	10.810	164	91102	50.537	ug/l	95
65) Chlorobenzene	11.610	112	244311	42.911	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	84294	42.118	ug/l	99
67) Ethyl Benzene	11.687	91	423568	43.060	ug/l	99
68) m/p-Xylenes	11.793	106	332259	86.079	ug/l	99
69) o-Xylene	12.122	106	153159	41.888	ug/l	99
70) Styrene	12.134	104	272197	43.314	ug/l	99
71) Bromoform	12.298	173	42397	41.214	ug/l #	99
73) Isopropylbenzene	12.422	105	416082	51.443	ug/l	99
74) N-amyl acetate	12.234	43	72701	51.435	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	72871	50.121	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	85868	80.626	ug/l #	100
77) Bromobenzene	12.704	156	93274	50.687	ug/l	100
78) n-propylbenzene	12.763	91	507778	51.278	ug/l	100
79) 2-Chlorotoluene	12.851	91	274034	50.797	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	339860	50.833	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	21585	51.651	ug/l	98
82) 4-Chlorotoluene	12.945	91	281671	50.354	ug/l	100
83) tert-Butylbenzene	13.169	119	296307	51.469	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	337025	50.838	ug/l	100
85) sec-Butylbenzene	13.345	105	457482	51.054	ug/l	99
86) p-Isopropyltoluene	13.463	119	378324	50.668	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	189852	48.813	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	188191	49.026	ug/l	100
89) n-Butylbenzene	13.792	91	357436	51.206	ug/l	100
90) Hexachloroethane	14.057	117	65855	49.637	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	161674	48.699	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	9450	49.072	ug/l	98
93) 1,2,4-Trichlorobenzene	15.104	180	100813	49.269	ug/l	100
94) Hexachlorobutadiene	15.210	225	52362	49.696	ug/l	97
95) Naphthalene	15.334	128	193743	50.062	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	85790	49.434	ug/l	99

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QLast Update : Thu Dec 15 03:27:53 2022
Response via : Initial Calibration

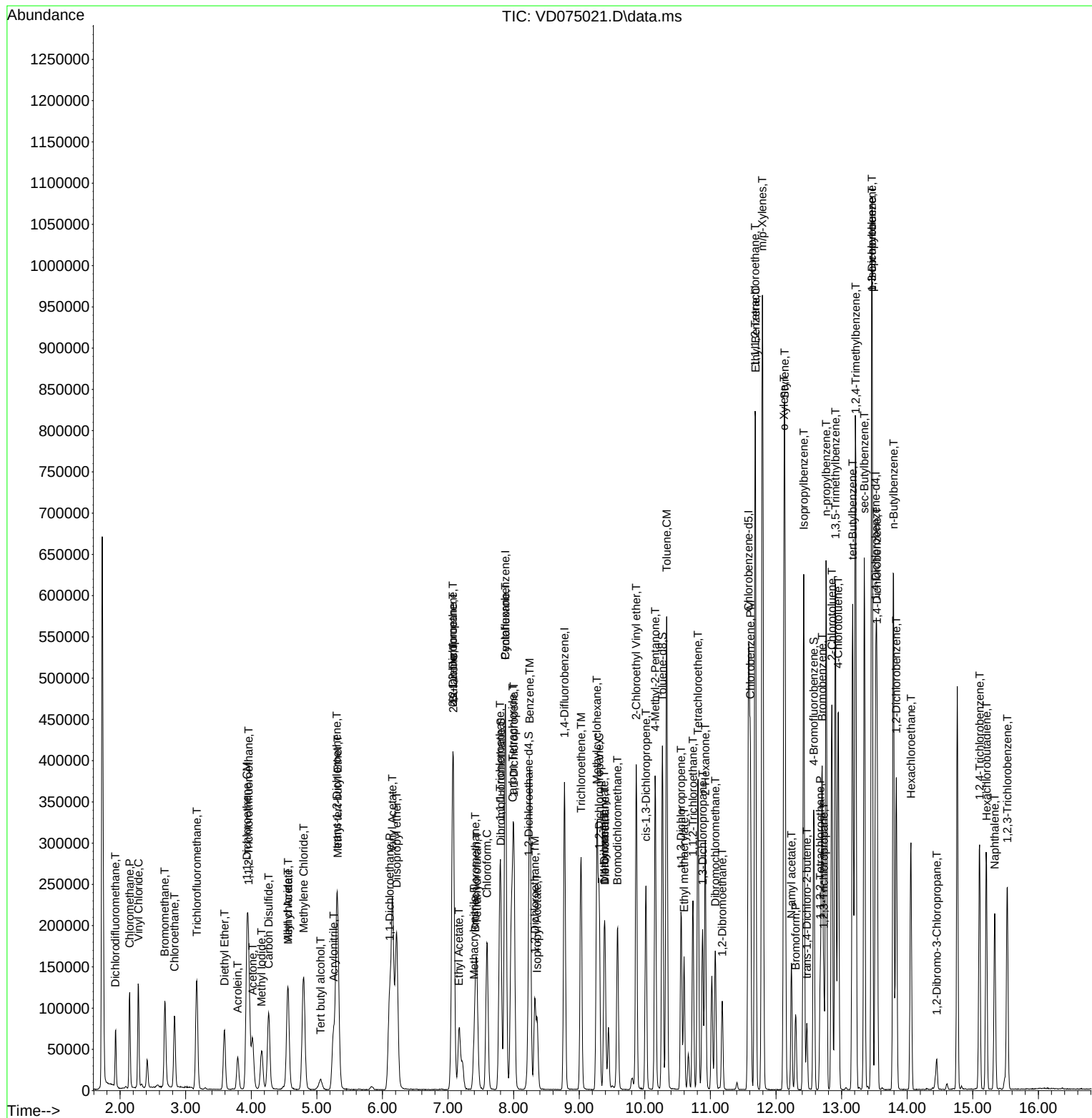
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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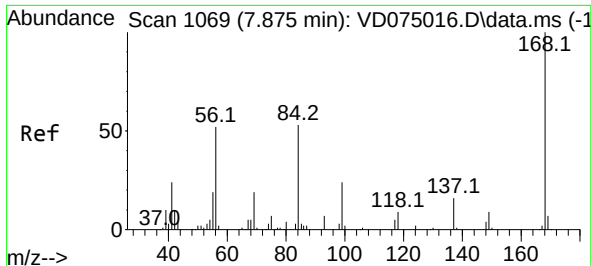
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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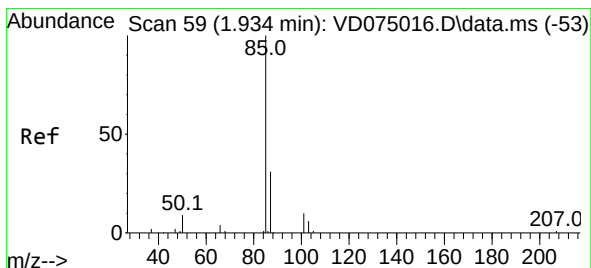
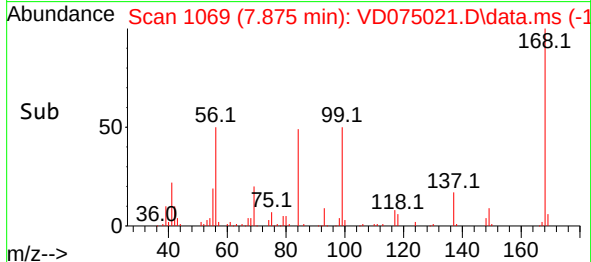
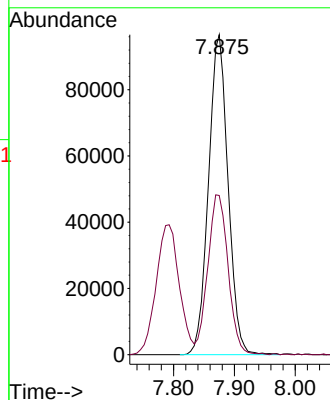
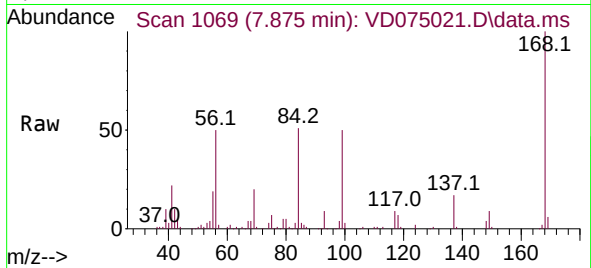




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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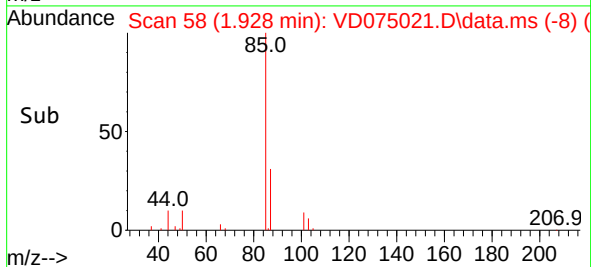
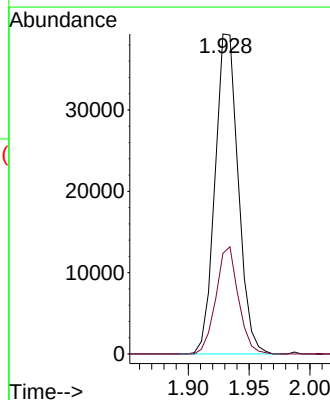
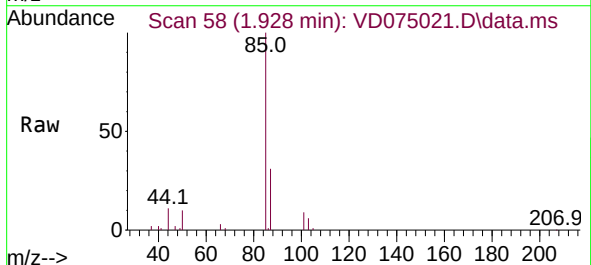
Instrument :
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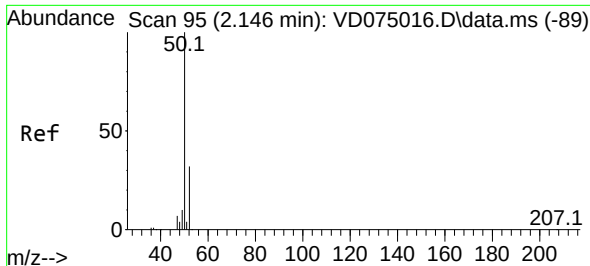
Tgt Ion:168 Resp: 215413
Ion Ratio Lower Upper
168 100
99 49.7 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 46.062 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion: 85 Resp: 52263
Ion Ratio Lower Upper
85 100
87 31.4 15.4 46.1

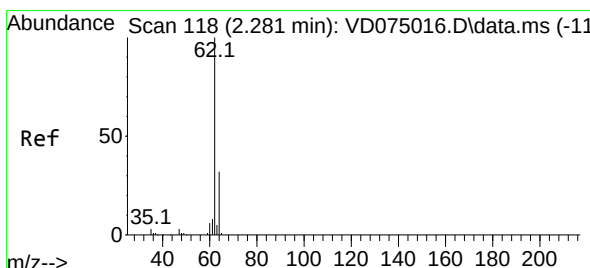
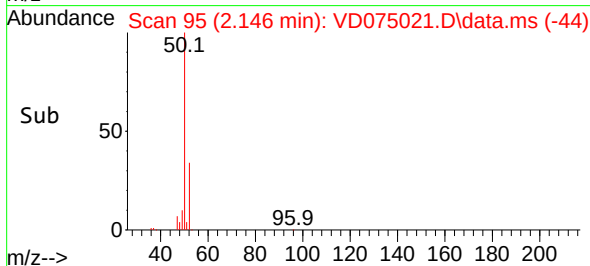
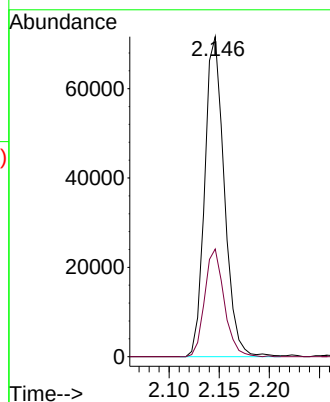
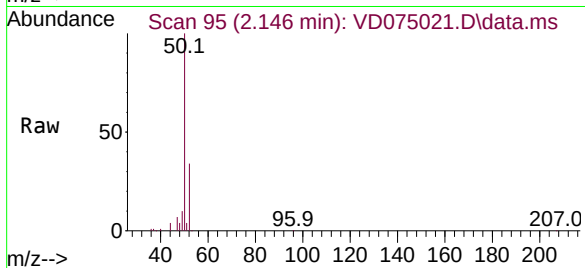




#3
Chloromethane
Concen: 46.762 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

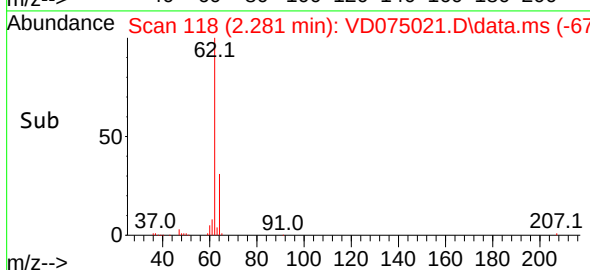
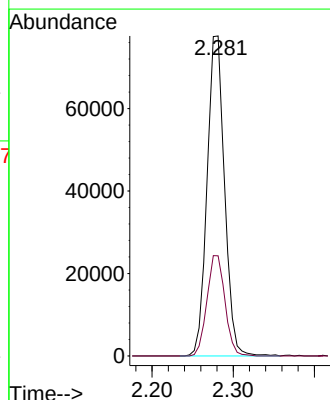
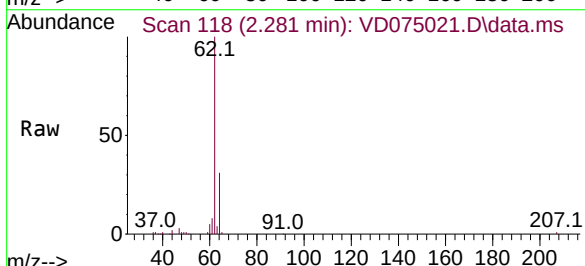
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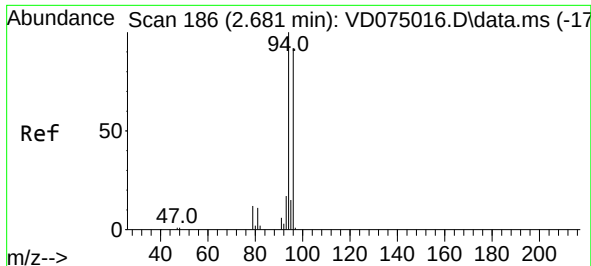
Tgt Ion: 50 Resp: 97626
Ion Ratio Lower Upper
50 100
52 33.7 25.8 38.8



#4
Vinyl Chloride
Concen: 48.189 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion: 62 Resp: 115824
Ion Ratio Lower Upper
62 100
64 31.3 25.7 38.5

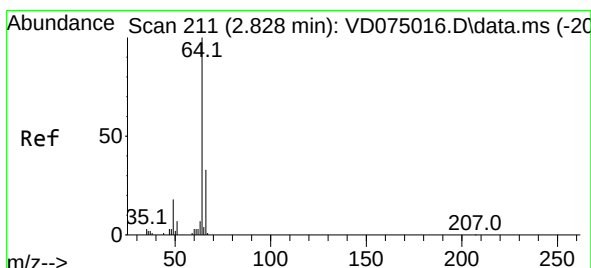
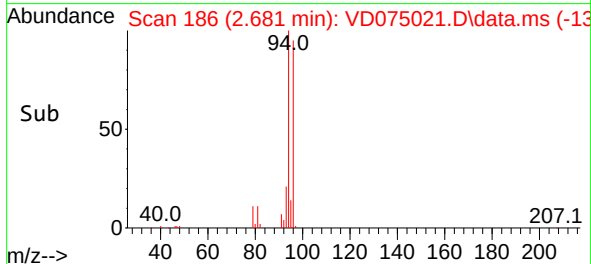
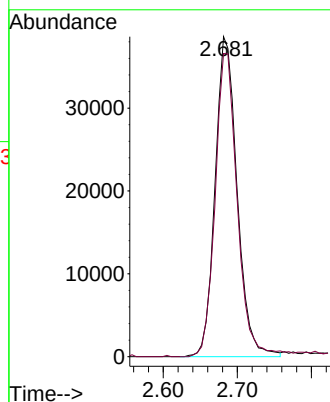
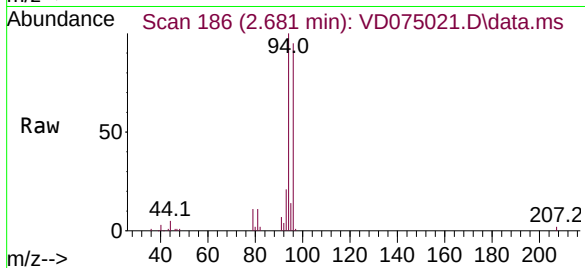




#5
Bromomethane
Concen: 48.485 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

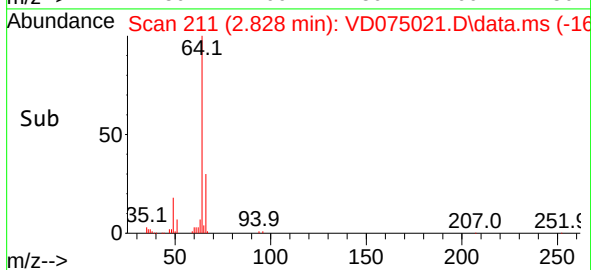
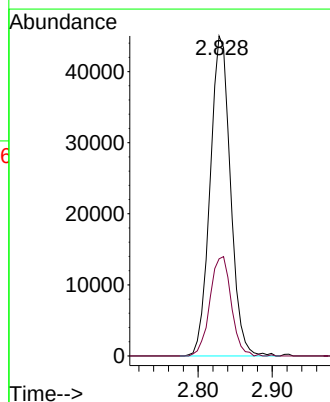
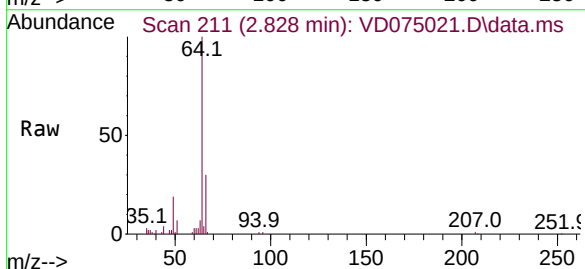
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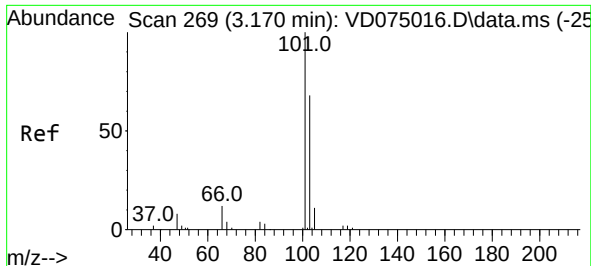
Tgt Ion: 94 Resp: 79672
Ion Ratio Lower Upper
94 100
96 95.7 76.2 114.2



#6
Chloroethane
Concen: 44.573 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion: 64 Resp: 85932
Ion Ratio Lower Upper
64 100
66 30.3 26.6 40.0

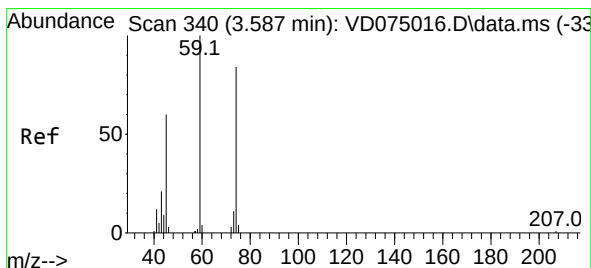
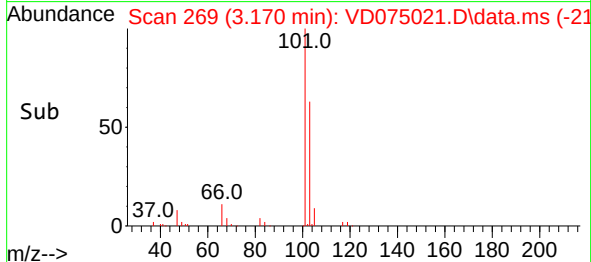
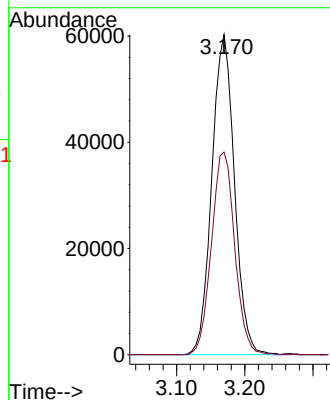
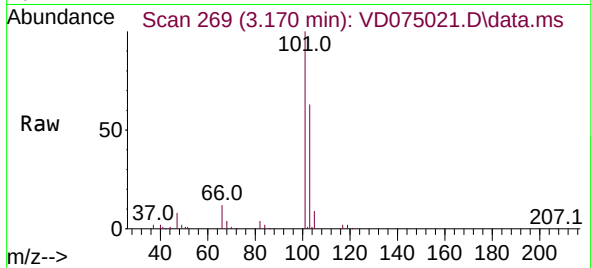




#7
Trichlorofluoromethane
Concen: 43.886 ug/l
RT: 3.170 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

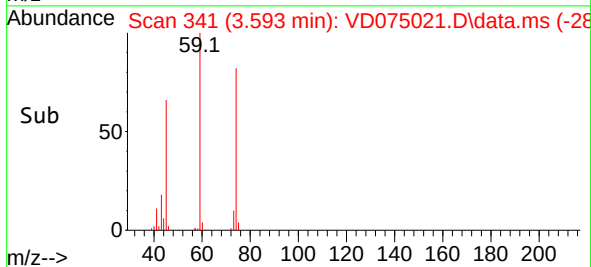
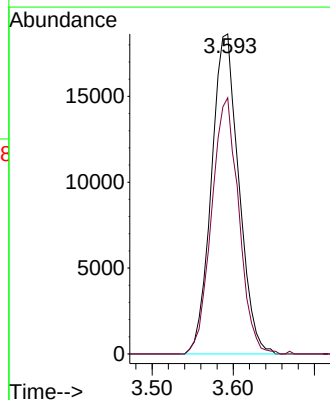
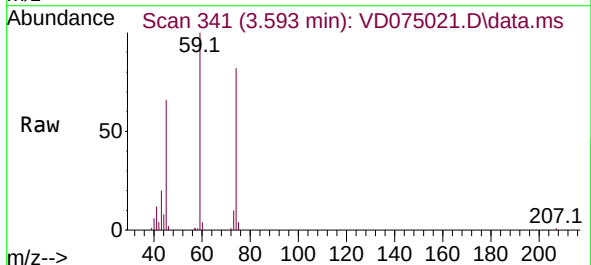
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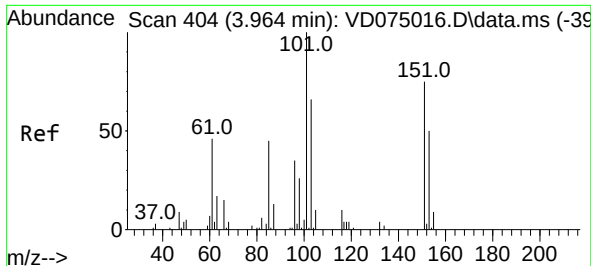
Tgt Ion:101 Resp: 139277
Ion Ratio Lower Upper
101 100
103 63.4 54.5 81.7



#8
Diethyl Ether
Concen: 46.009 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion: 74 Resp: 43646
Ion Ratio Lower Upper
74 100
45 79.3 39.8 119.4

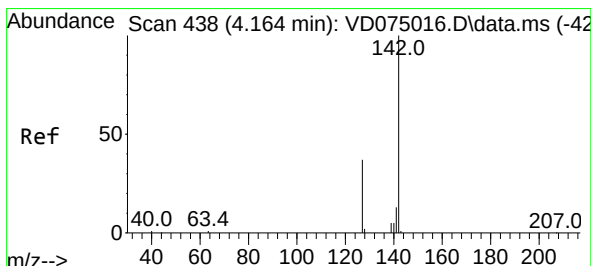
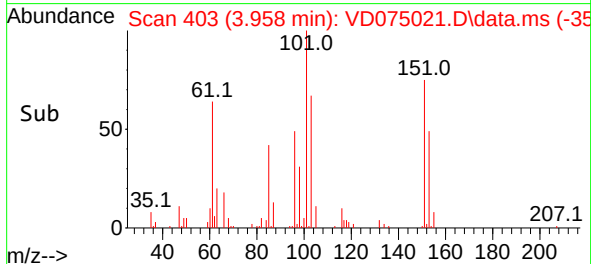
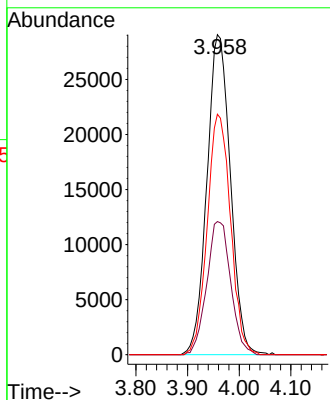
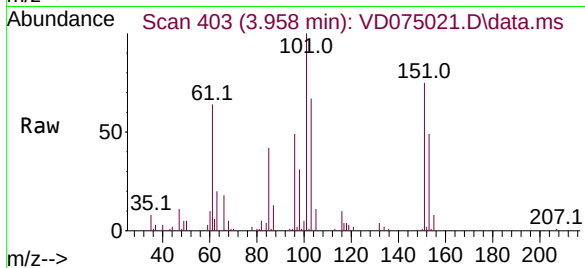




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.390 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

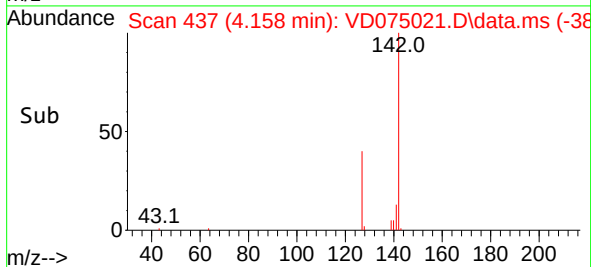
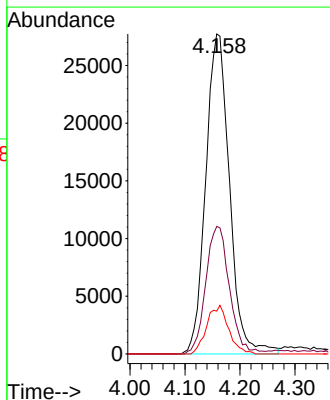
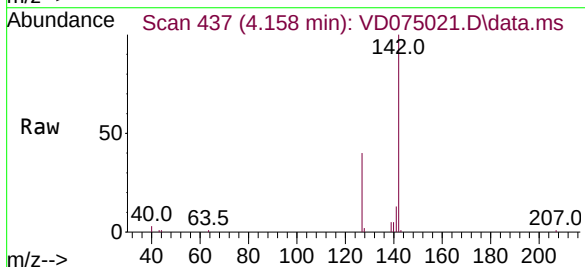
Instrument :
MSVOA_D
ClientSampleId :
ICVVD121422

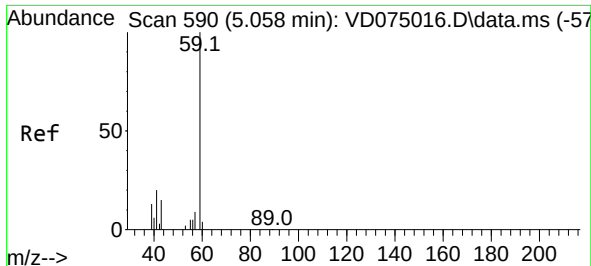
Tgt Ion:101	Resp:	91794
Ion	Ratio	Lower Upper
101	100	
85	42.3	33.6 50.4
151	74.4	59.4 89.2



#10
Methyl Iodide
Concen: 47.552 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion:142	Resp:	83327
Ion	Ratio	Lower Upper
142	100	
127	39.8	32.2 48.2
141	14.0	10.9 16.3

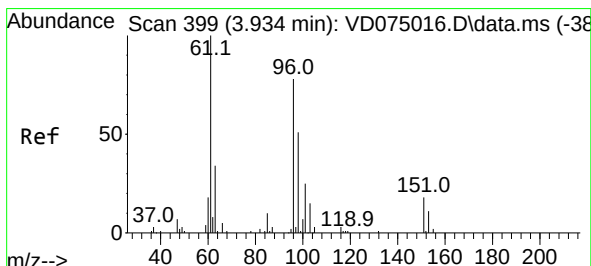
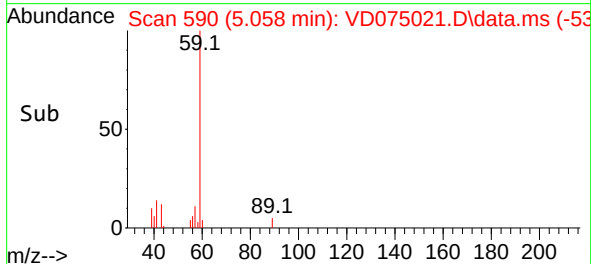
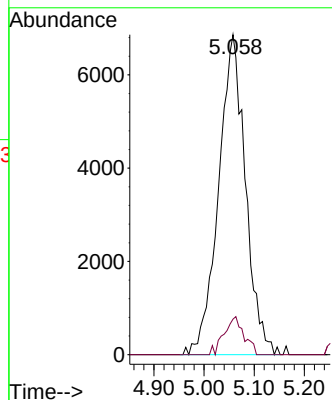
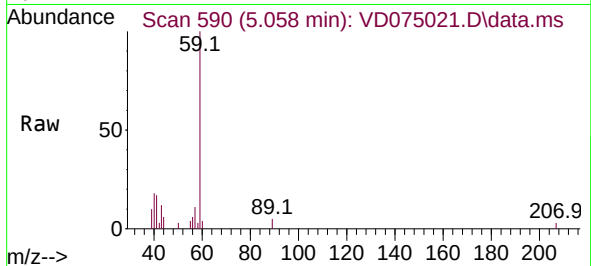




#11
Tert butyl alcohol
Concen: 211.009 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

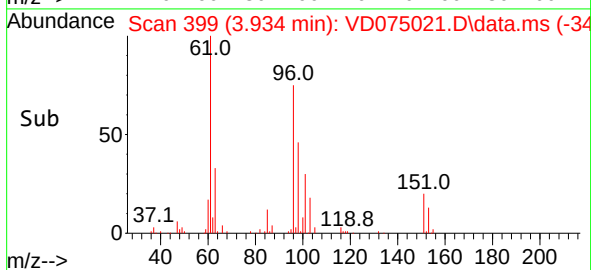
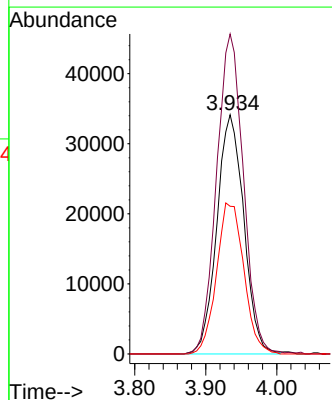
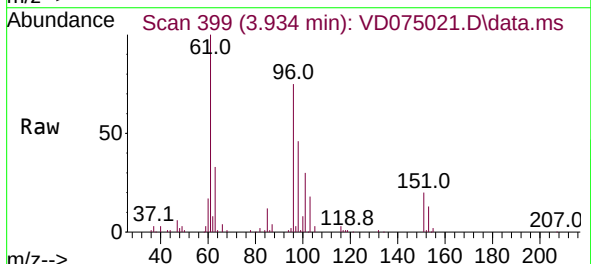
Instrument :
MSVOA_D
ClientSampleId :
ICVVD121422

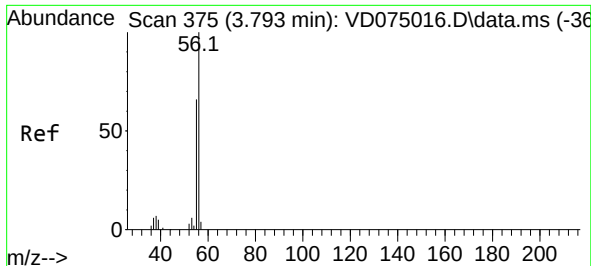
Tgt Ion: 59 Resp: 25584
Ion Ratio Lower Upper
59 100
57 8.8 7.0 10.6



#12
1,1-Dichloroethene
Concen: 45.406 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion: 96 Resp: 89943
Ion Ratio Lower Upper
96 100
61 133.8 102.1 153.1
98 61.7 52.2 78.4





#13

Acrolein

Concen: 223.621 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

Instrument :

MSVOA_D

ClientSampleId :

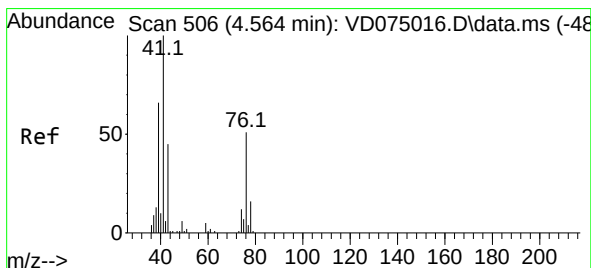
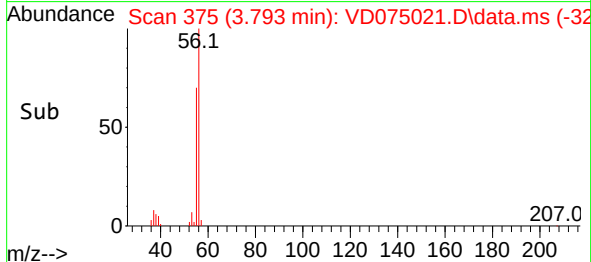
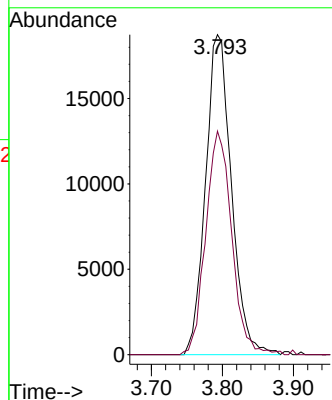
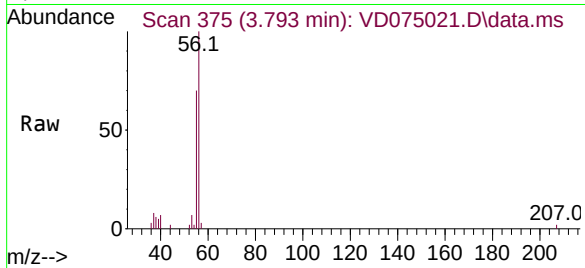
ICVVD121422

Tgt Ion: 56 Resp: 47461

Ion Ratio Lower Upper

56 100

55 70.1 55.9 83.9



#14

Allyl chloride

Concen: 46.597 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

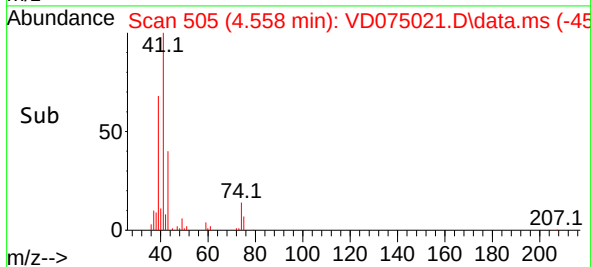
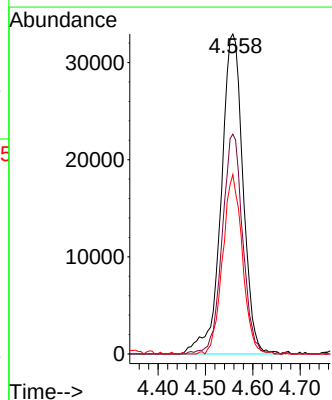
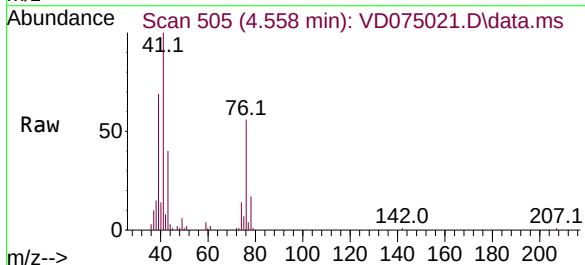
Tgt Ion: 41 Resp: 105493

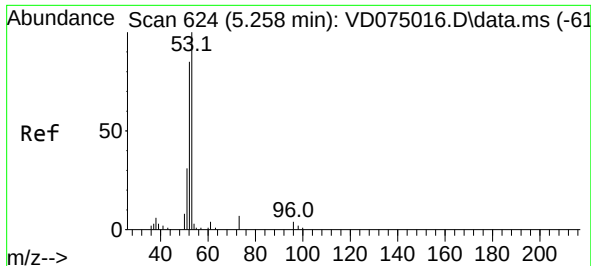
Ion Ratio Lower Upper

41 100

39 64.4 51.7 77.5

76 50.6 40.7 61.1

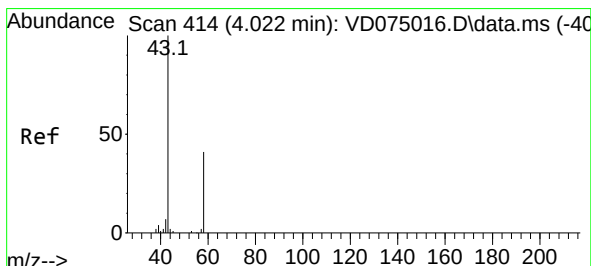
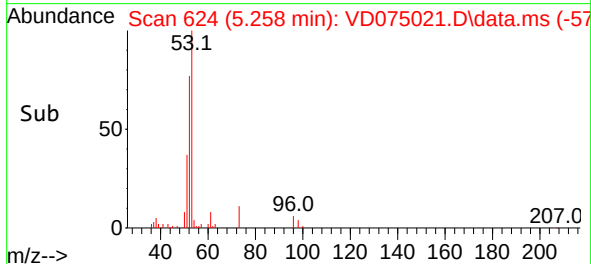
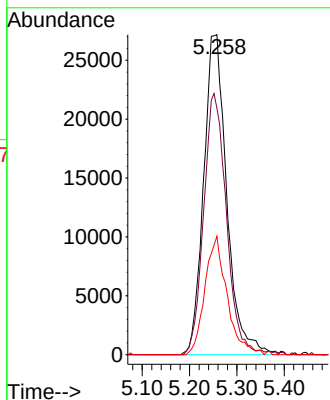
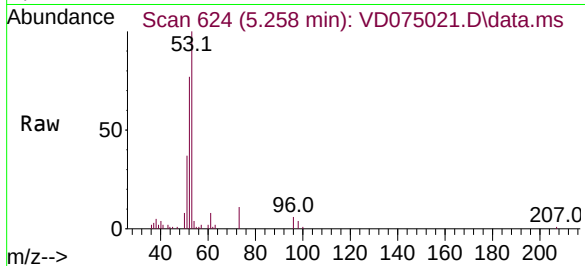




#15
Acrylonitrile
Concen: 230.803 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

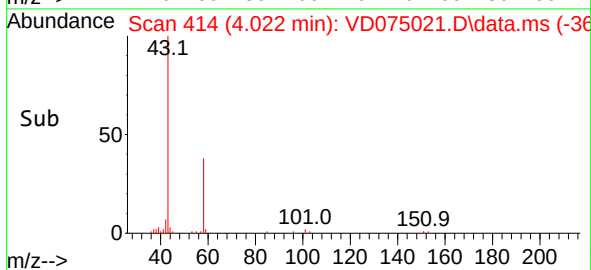
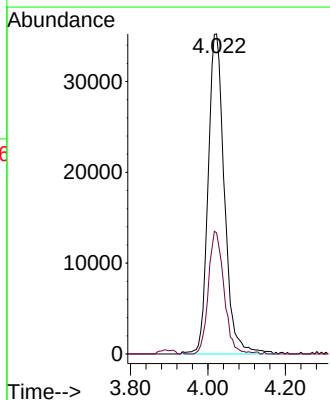
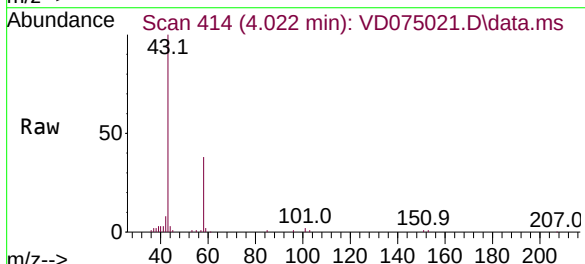
Instrument :
MSVOA_D
ClientSampleId :
ICVVD121422

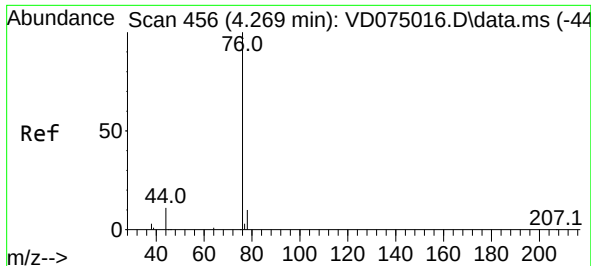
Tgt Ion: 53	Resp:	92395
Ion	Ratio	Lower Upper
53	100	
52	80.6	66.1 99.1
51	35.4	28.4 42.6



#16
Acetone
Concen: 256.885 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion: 43	Resp:	102768
Ion	Ratio	Lower Upper
43	100	
58	37.8	33.0 49.6

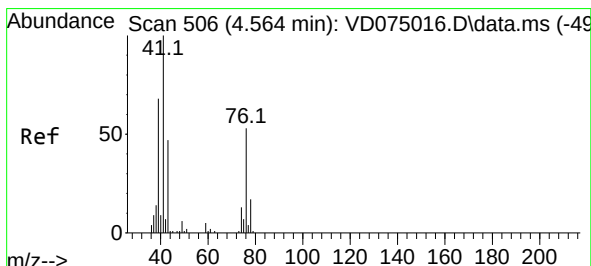
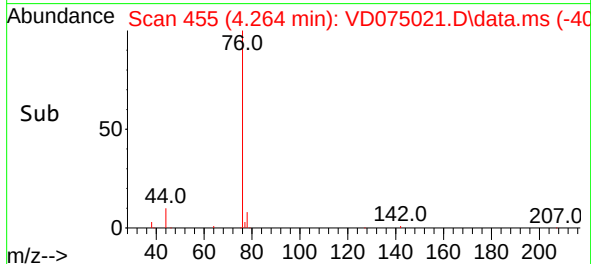
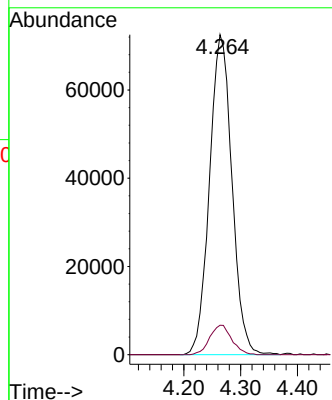
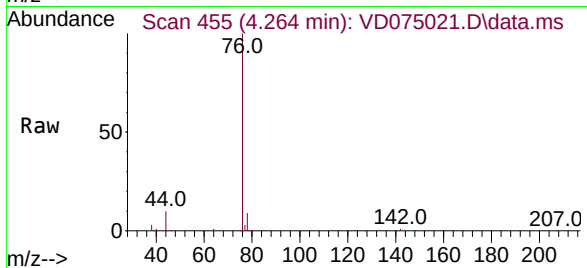




#17
Carbon Disulfide
Concen: 46.875 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

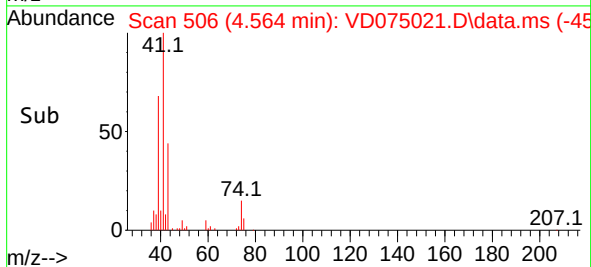
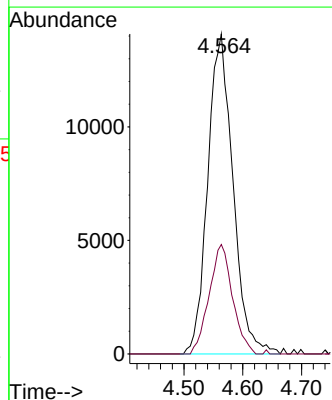
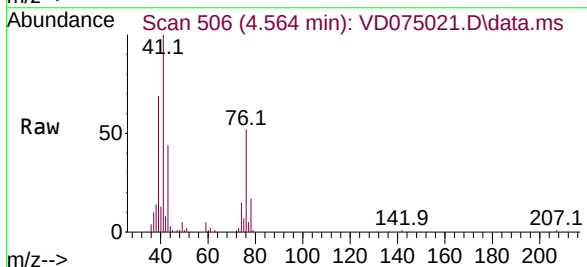
Instrument :
MSVOA_D
ClientSampleId :
ICVVD121422

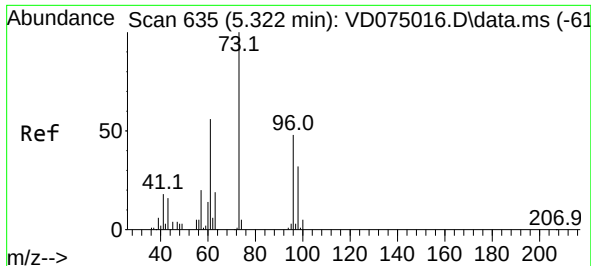
Tgt Ion: 76 Resp: 198828
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5



#18
Methyl Acetate
Concen: 44.924 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion: 43 Resp: 42043
Ion Ratio Lower Upper
43 100
74 31.6 23.9 35.9

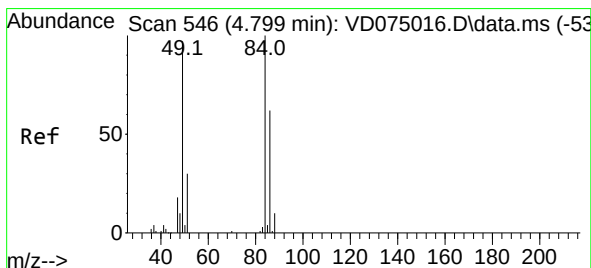
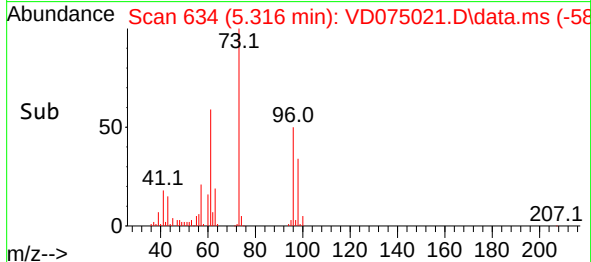
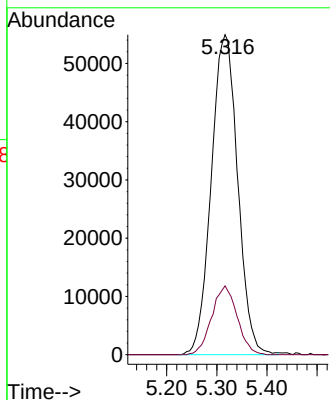
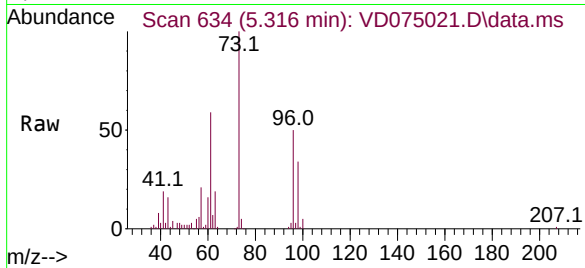




#19
Methyl tert-butyl Ether
Concen: 47.766 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

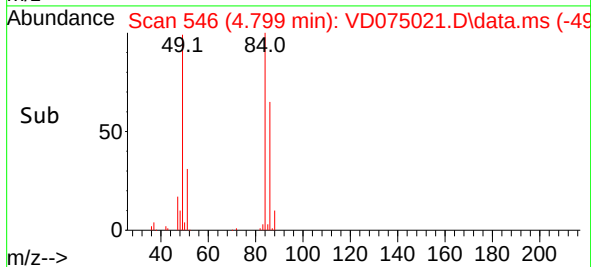
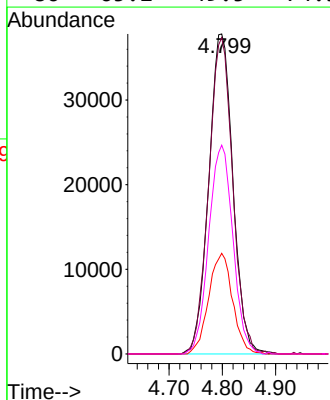
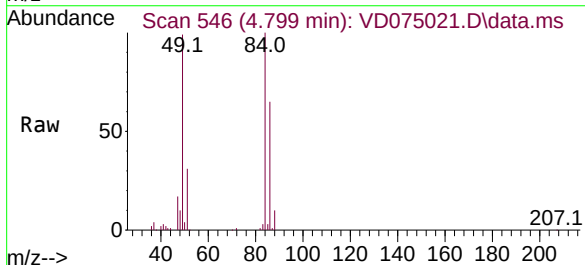
Instrument :
MSVOA_D
ClientSampleId :
ICVVD121422

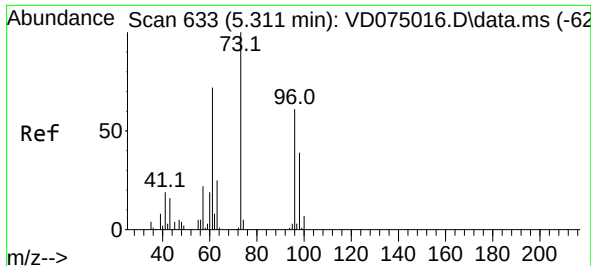
Tgt Ion: 73 Resp: 201268
Ion Ratio Lower Upper
73 100
57 21.5 16.4 24.6



#20
Methylene Chloride
Concen: 51.099 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion: 84 Resp: 118902
Ion Ratio Lower Upper
84 100
49 98.9 77.3 115.9
51 31.5 23.8 35.8
86 65.2 49.5 74.3

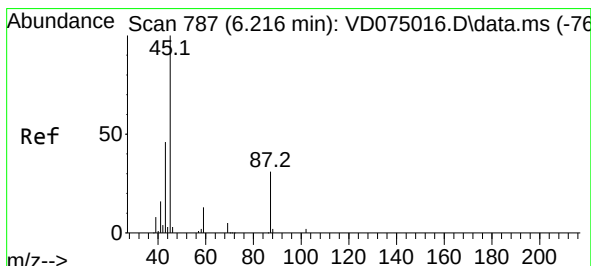
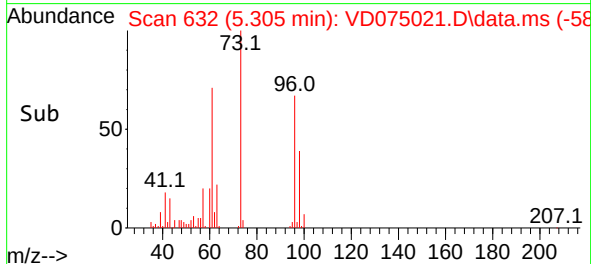
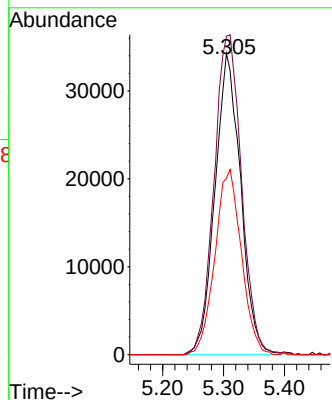
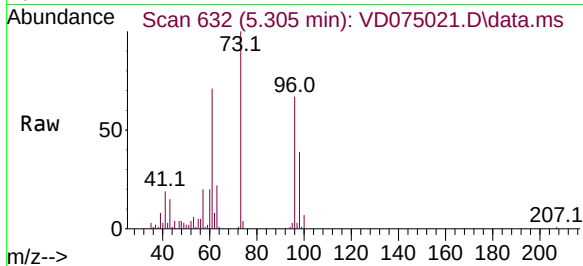




#21
trans-1,2-Dichloroethene
Concen: 46.482 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

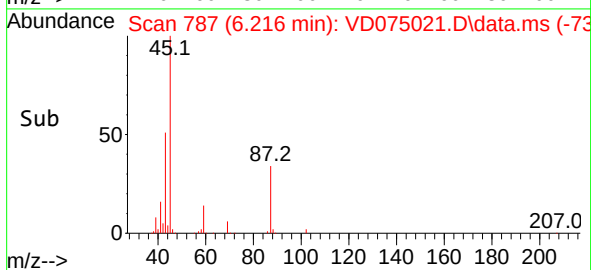
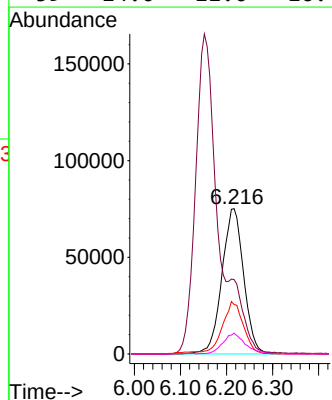
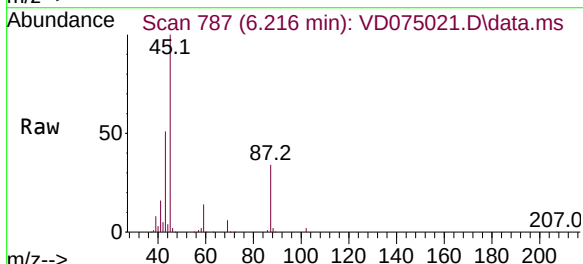
Instrument :
MSVOA_D
ClientSampleId :
ICVVD121422

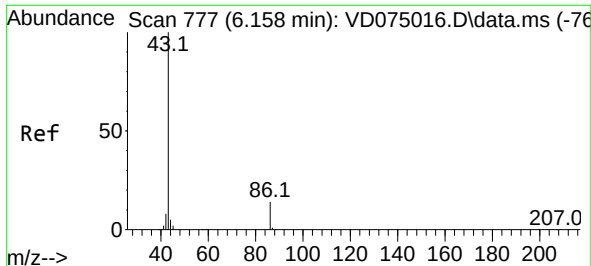
Tgt Ion: 96 Resp: 100397
Ion Ratio Lower Upper
96 100
61 105.6 94.6 142.0
98 58.5 51.0 76.6



#22
Diisopropyl ether
Concen: 47.564 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion: 45 Resp: 246378
Ion Ratio Lower Upper
45 100
43 50.3 40.0 60.0
87 34.0 25.8 38.8
59 14.0 11.0 16.4

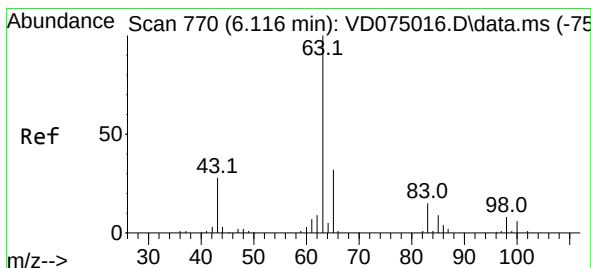
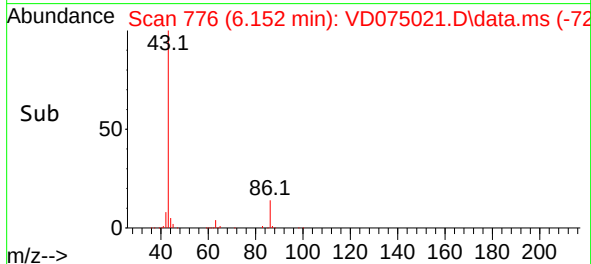
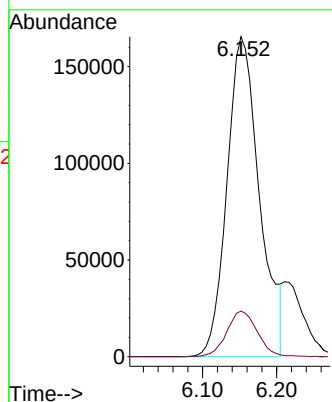
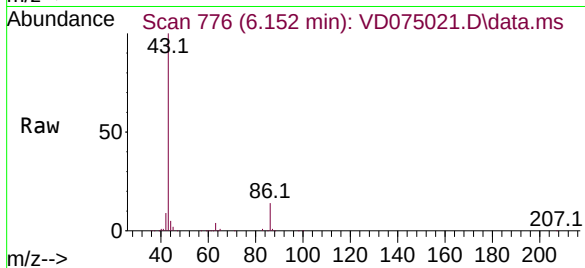




#23
 Vinyl Acetate
 Concen: 218.171 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD075021.D
 Acq: 14 Dec 2022 15:44

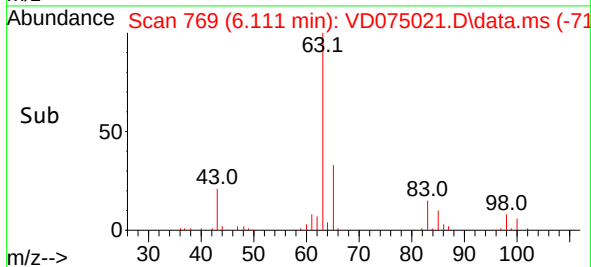
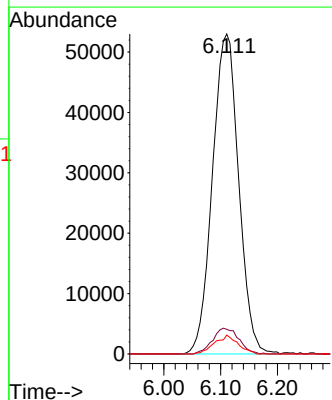
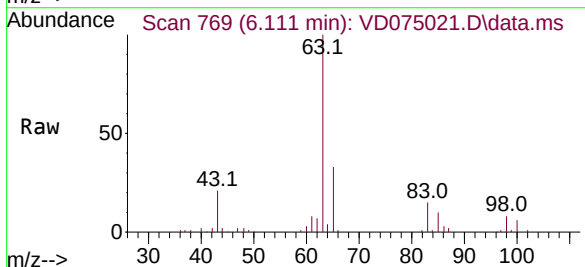
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD121422

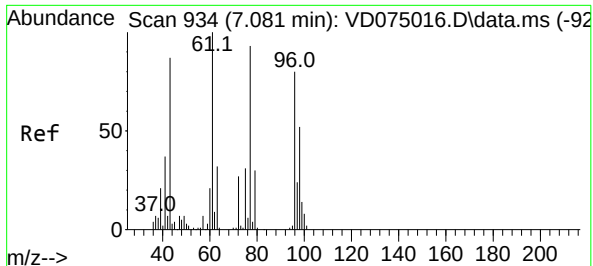
Tgt Ion: 43 Resp: 504410
 Ion Ratio Lower Upper
 43 100
 86 14.2 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 46.252 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD075021.D
 Acq: 14 Dec 2022 15:44

Tgt Ion: 63 Resp: 170022
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.2 12.4
 100 5.9 3.1 9.3

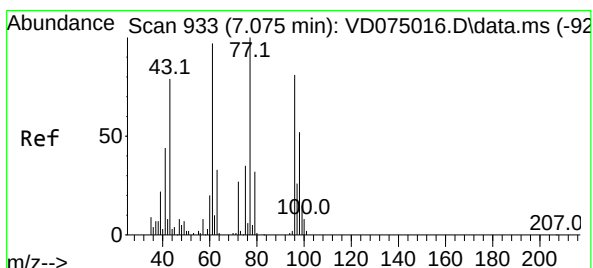
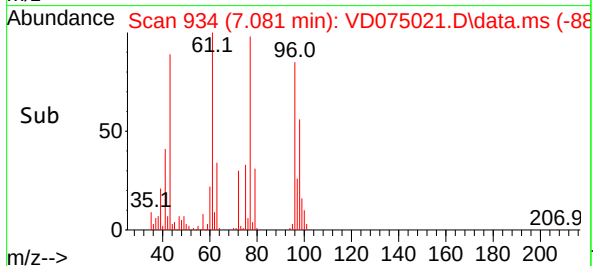
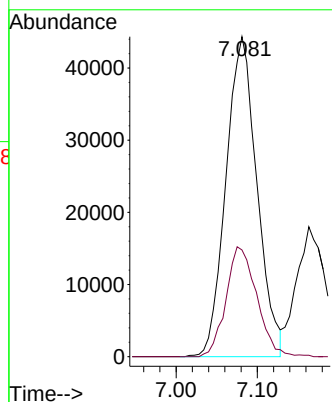
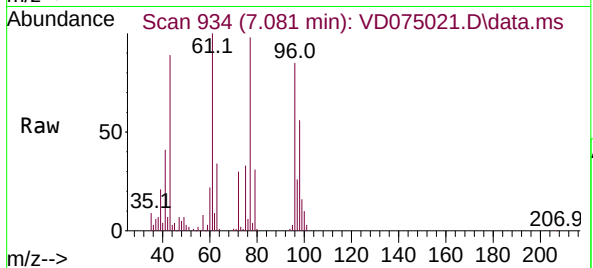




#25
2-Butanone
Concen: 233.786 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

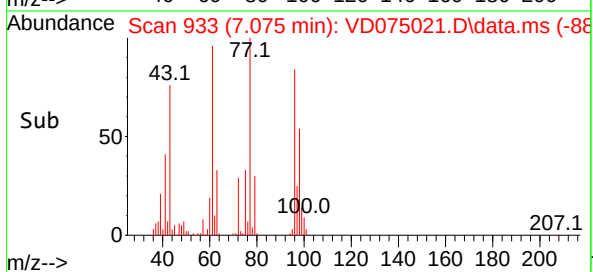
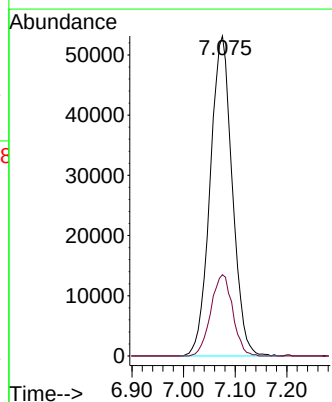
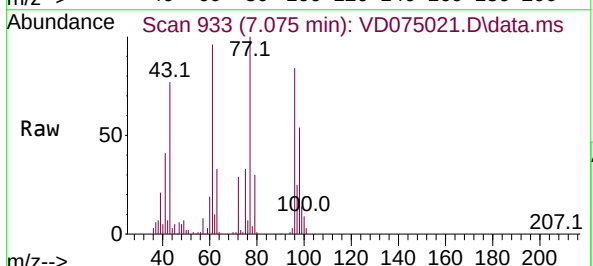
Instrument :
MSVOA_D
ClientSampleId :
ICVVD121422

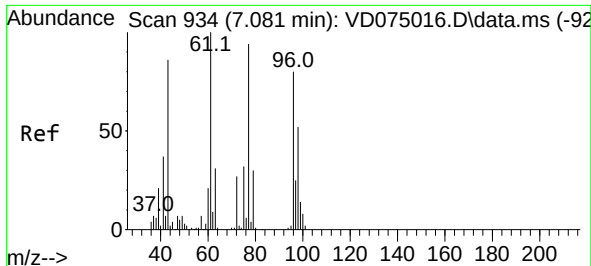
Tgt Ion: 43 Resp: 117796
Ion Ratio Lower Upper
43 100
72 33.4 25.2 37.8



#26
2,2-Dichloropropane
Concen: 45.658 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion: 77 Resp: 157738
Ion Ratio Lower Upper
77 100
97 25.2 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 46.384 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

Instrument :

MSVOA_D

ClientSampleId :

ICVVD121422

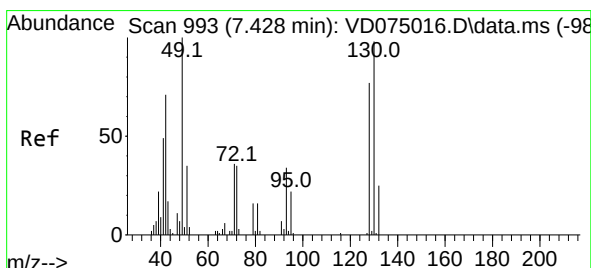
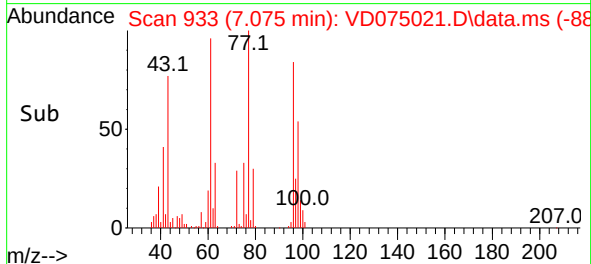
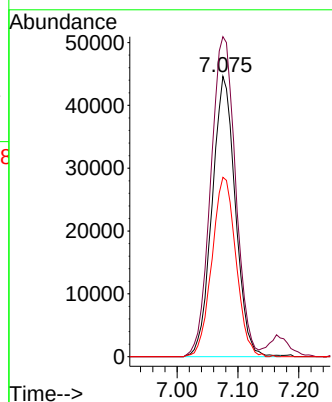
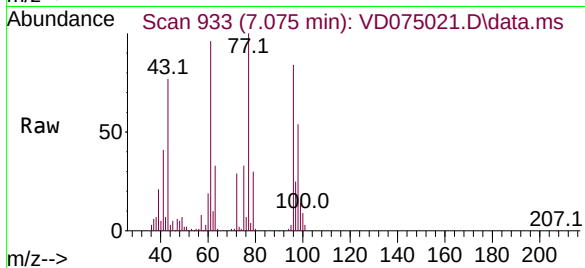
Tgt Ion: 96 Resp: 118428

Ion Ratio Lower Upper

96 100

61 122.0 0.0 245.2

98 66.0 0.0 130.0



#28

Bromochloromethane

Concen: 46.457 ug/l

RT: 7.416 min Scan# 991

Delta R.T. -0.012 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

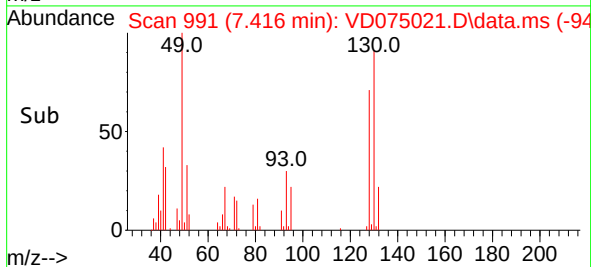
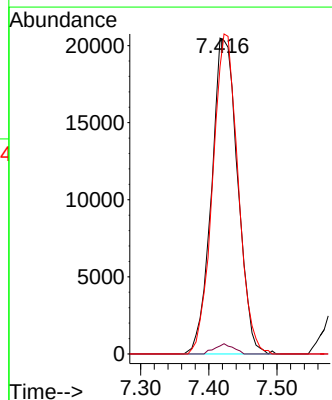
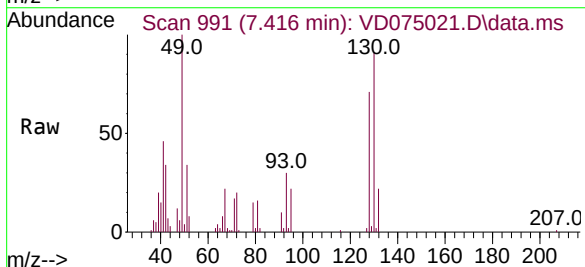
Tgt Ion: 49 Resp: 54610

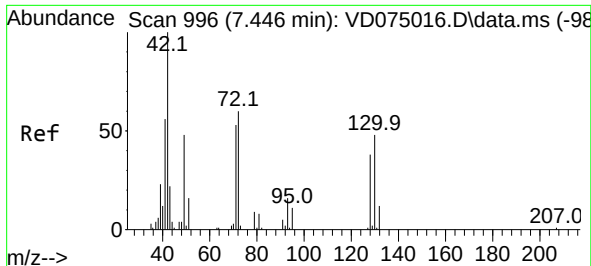
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 98.4 78.2 117.4





#29

Tetrahydrofuran

Concen: 228.338 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

Instrument :

MSVOA_D

ClientSampleId :

ICVVD121422

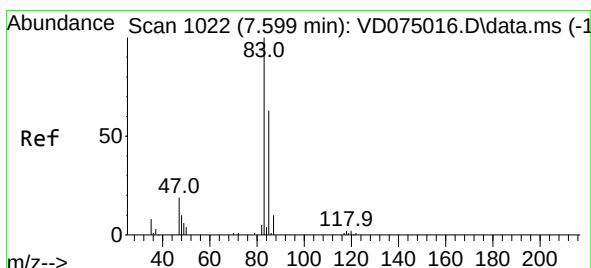
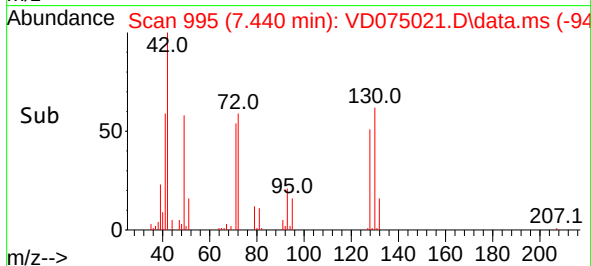
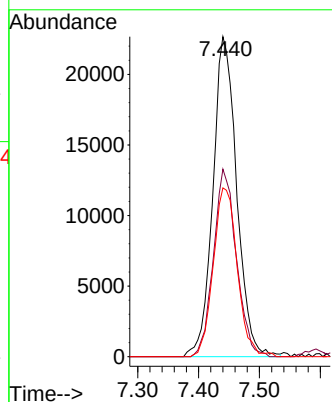
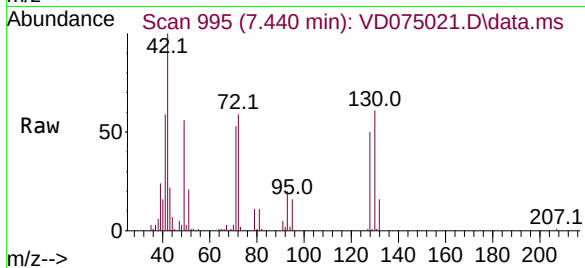
Tgt Ion: 42 Resp: 61582

Ion Ratio Lower Upper

42 100

72 56.5 44.4 66.6

71 53.2 41.4 62.0



#30

Chloroform

Concen: 46.436 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD075021.D

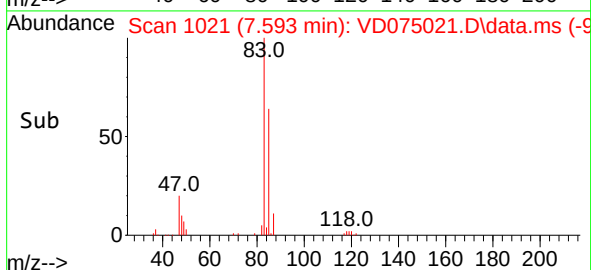
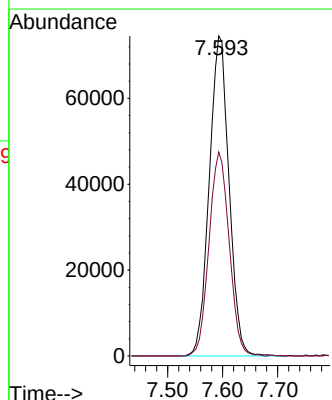
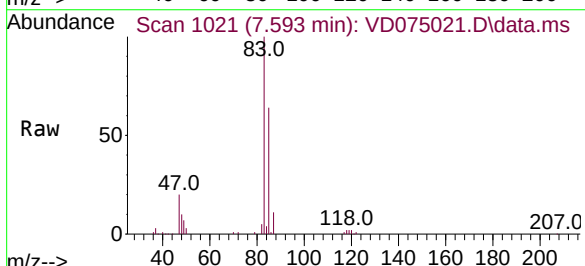
Acq: 14 Dec 2022 15:44

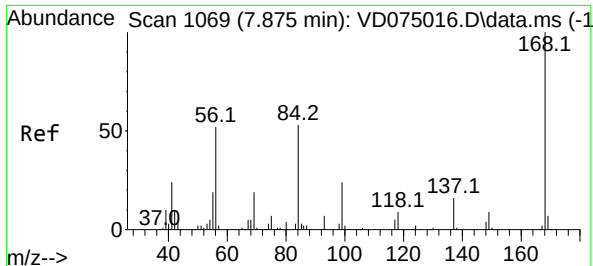
Tgt Ion: 83 Resp: 186149

Ion Ratio Lower Upper

83 100

85 63.7 50.8 76.2

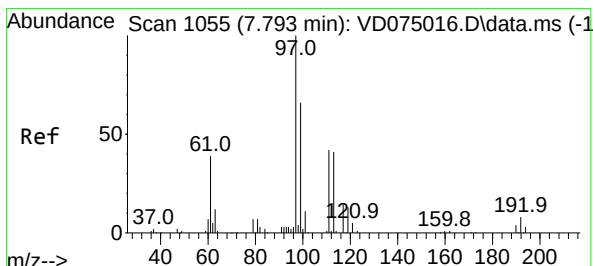
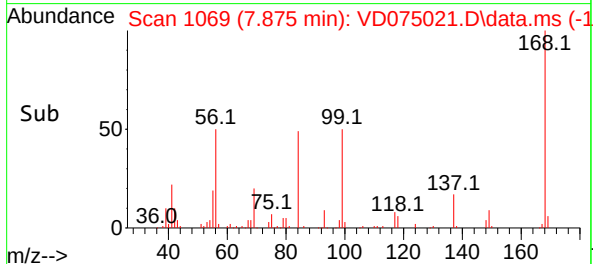
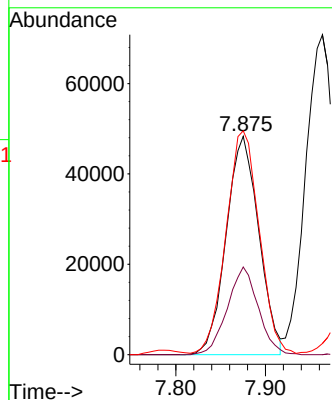
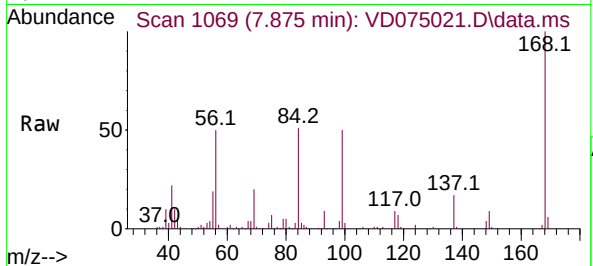




#31
Cyclohexane
Concen: 44.278 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

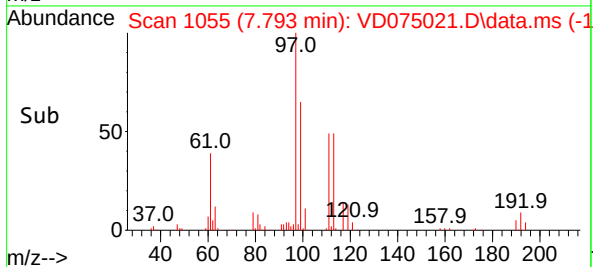
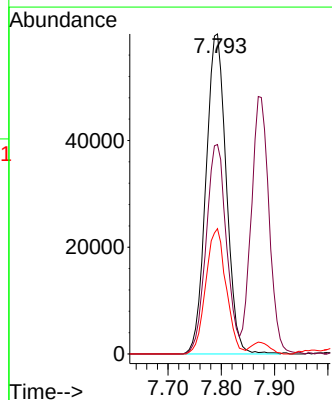
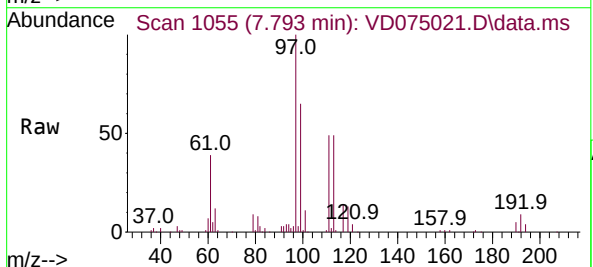
Instrument :
MSVOA_D
ClientSampleId :
ICVVD121422

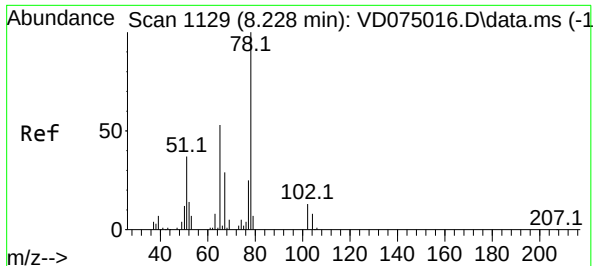
Tgt Ion: 56 Resp: 122022
Ion Ratio Lower Upper
56 100
69 40.1 29.0 43.6
84 101.3 81.0 121.6



#32
1,1,1-Trichloroethane
Concen: 46.297 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion: 97 Resp: 158774
Ion Ratio Lower Upper
97 100
99 65.6 51.0 76.6
61 39.3 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 44.997 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

Instrument :

MSVOA_D

ClientSampleId :

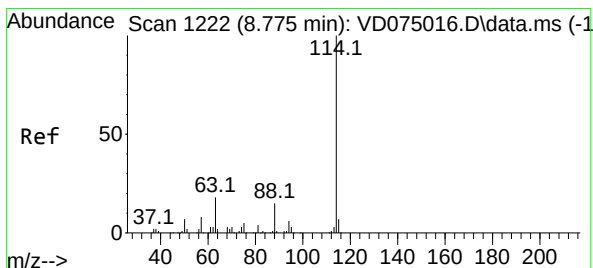
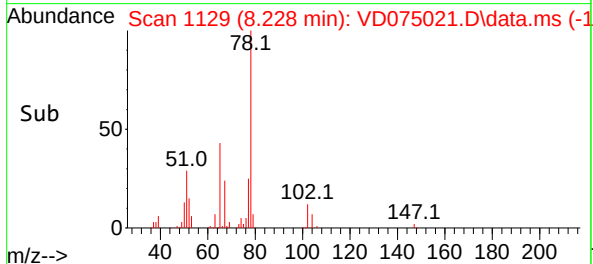
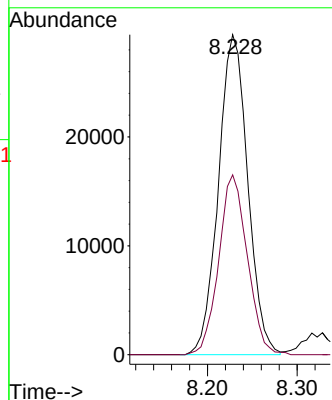
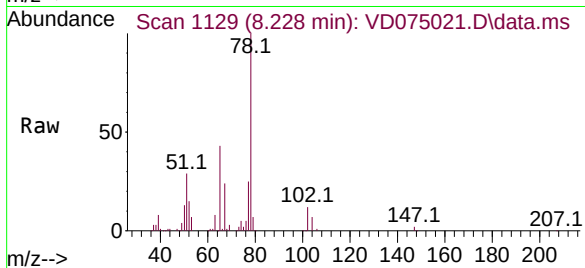
ICVVD121422

Tgt Ion: 65 Resp: 66712

Ion Ratio Lower Upper

65 100

67 54.7 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: VD075021.D

Acq: 14 Dec 2022 15:44

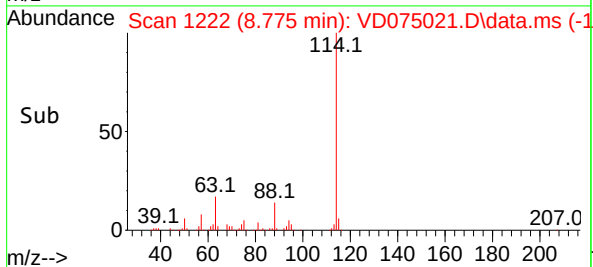
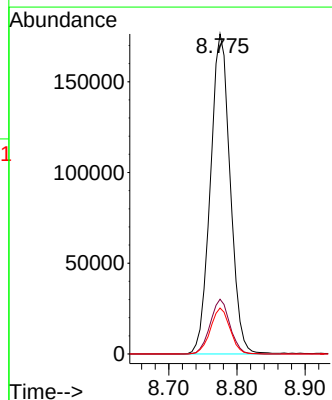
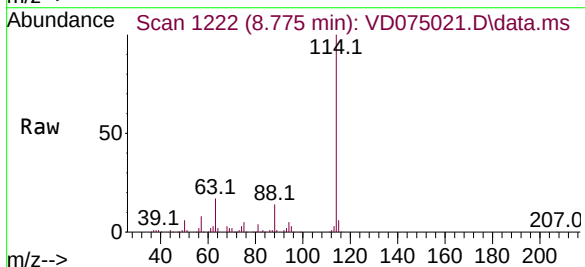
Tgt Ion: 114 Resp: 356363

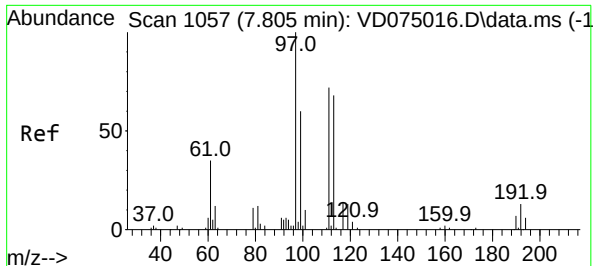
Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.6

88 14.3 0.0 29.8





#35

Dibromofluoromethane

Concen: 40.005 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

Instrument :

MSVOA_D

ClientSampleId :

ICVVD121422

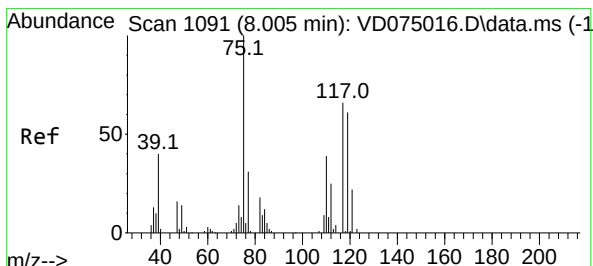
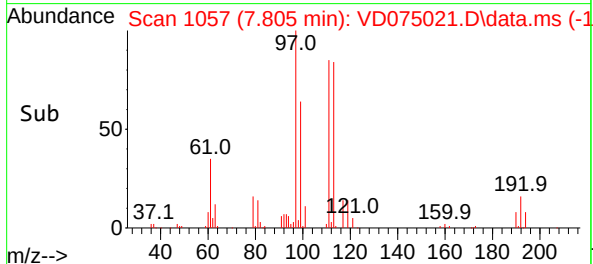
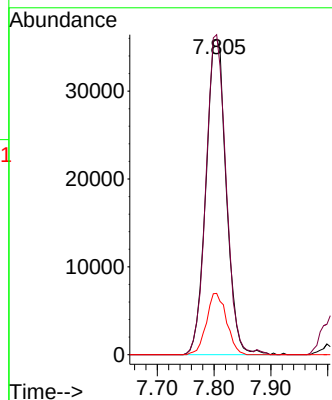
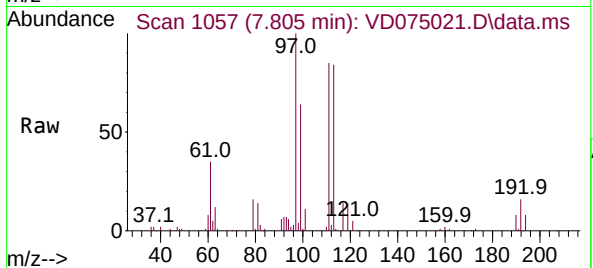
Tgt Ion:113 Resp: 89227

Ion Ratio Lower Upper

113 100

111 99.8 83.0 124.6

192 19.2 15.5 23.3



#36

1,1-Dichloropropene

Concen: 44.140 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

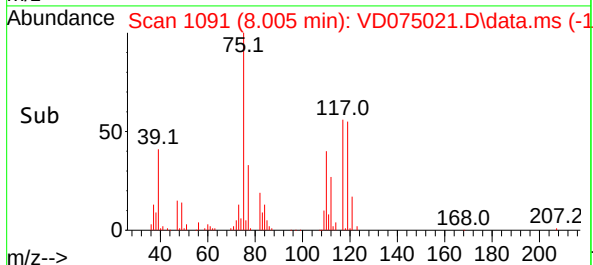
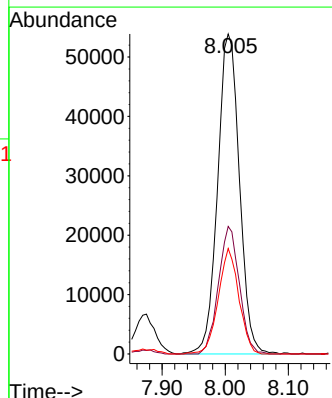
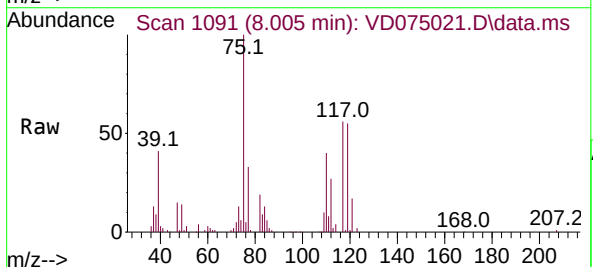
Tgt Ion: 75 Resp: 129357

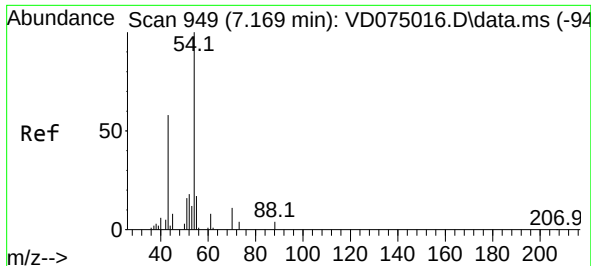
Ion Ratio Lower Upper

75 100

110 38.2 19.7 59.1

77 31.1 24.8 37.2





#37

Ethyl Acetate

Concen: 40.583 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

Instrument :

MSVOA_D

ClientSampleId :

ICVVD121422

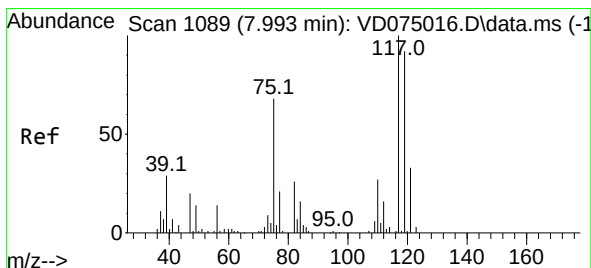
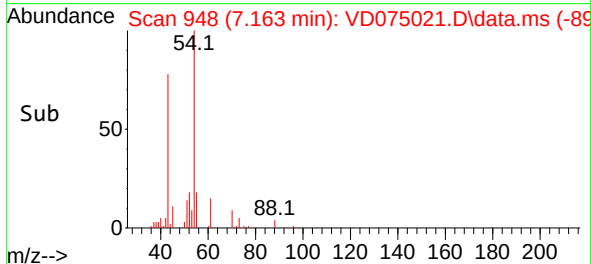
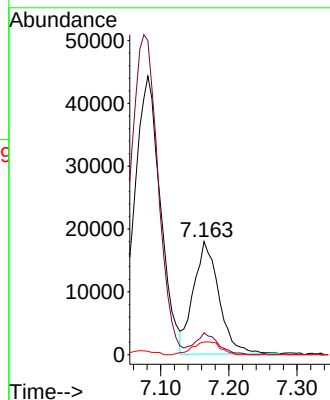
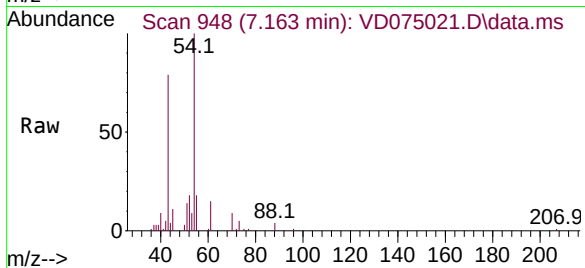
Tgt Ion: 43 Resp: 46543

Ion Ratio Lower Upper

43 100

61 17.6 13.8 20.8

70 12.3 10.6 15.8



#38

Carbon Tetrachloride

Concen: 45.697 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

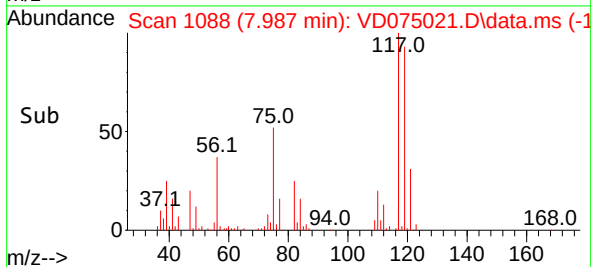
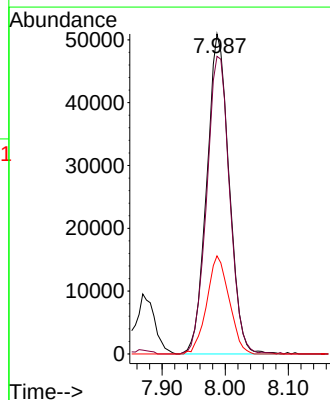
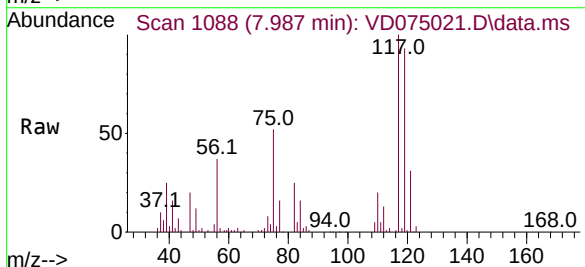
Tgt Ion: 117 Resp: 125283

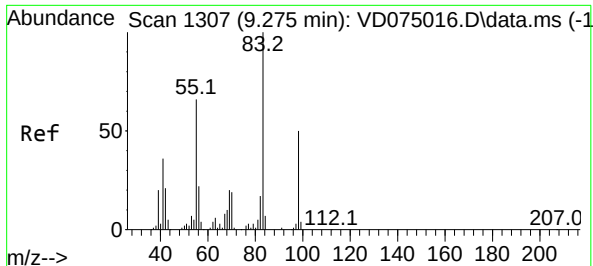
Ion Ratio Lower Upper

117 100

119 93.0 73.2 109.8

121 30.6 26.1 39.1





#39

Methylcyclohexane

Concen: 48.645 ug/l

RT: 9.269 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

Instrument :

MSVOA_D

ClientSampleId :

ICVVD121422

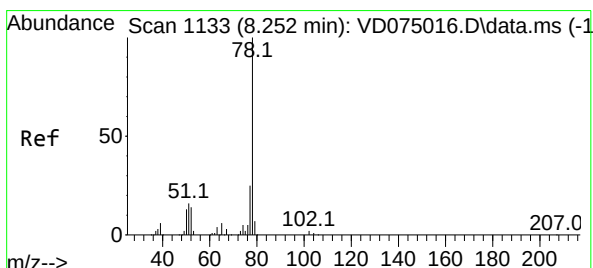
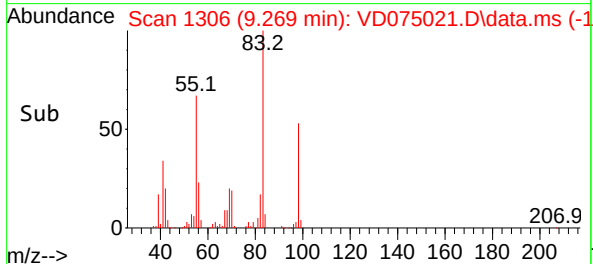
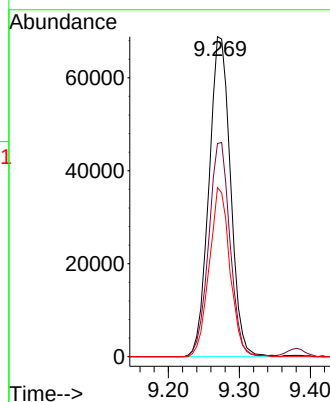
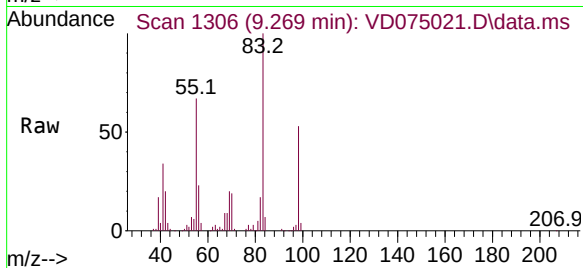
Tgt Ion: 83 Resp: 145138

Ion Ratio Lower Upper

83 100

55 66.6 52.9 79.3

98 52.8 40.2 60.2



#40

Benzene

Concen: 44.755 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD075021.D

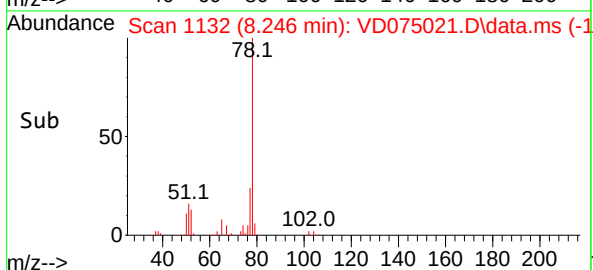
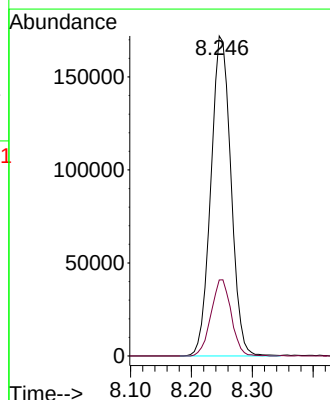
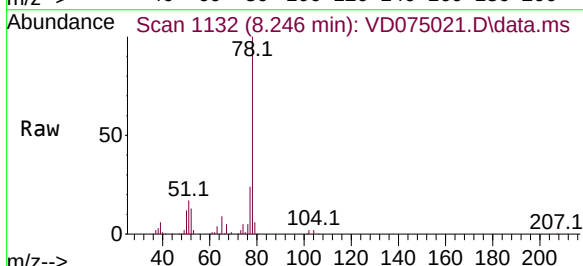
Acq: 14 Dec 2022 15:44

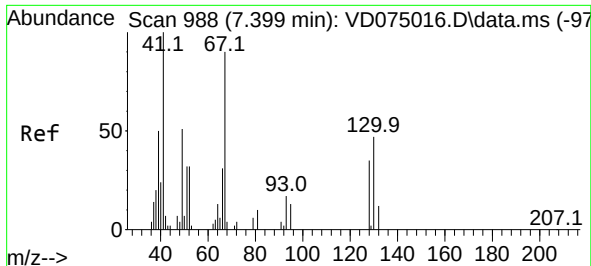
Tgt Ion: 78 Resp: 393937

Ion Ratio Lower Upper

78 100

77 23.8 20.2 30.2

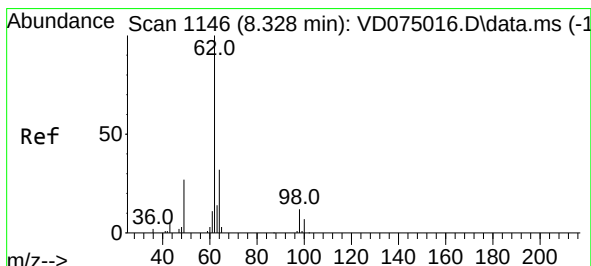
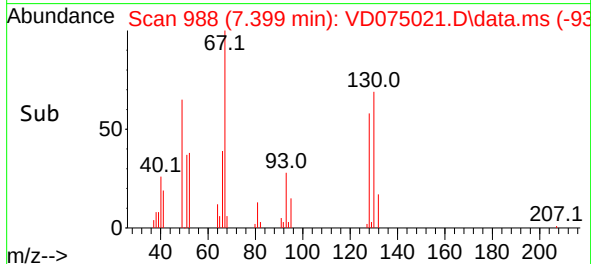
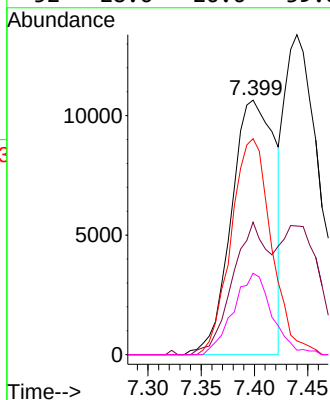
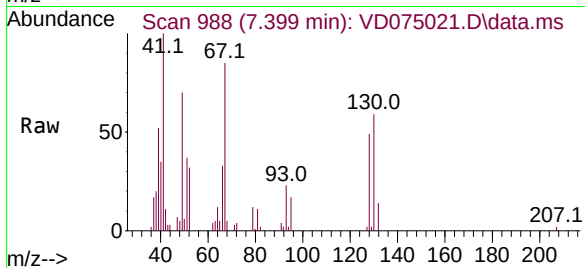




#41
Methacrylonitrile
Concen: 48.943 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

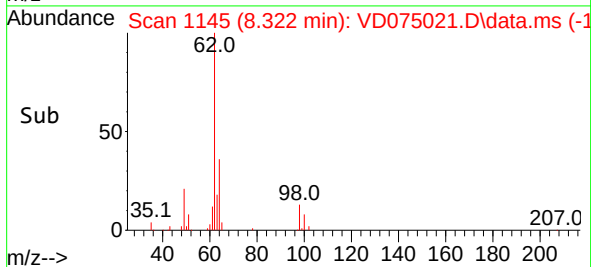
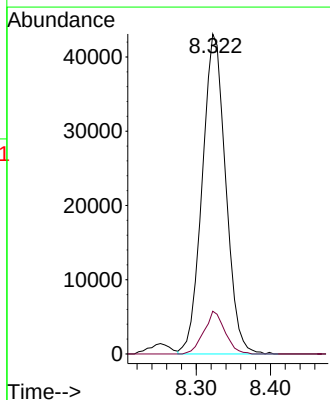
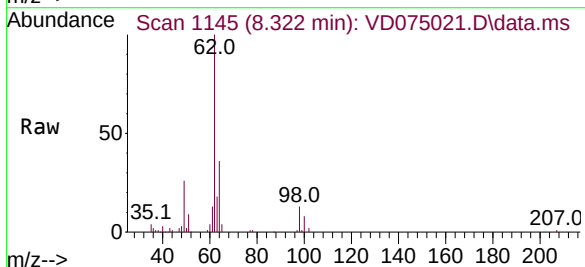
Instrument :
MSVOA_D
ClientSampleId :
ICVVD121422

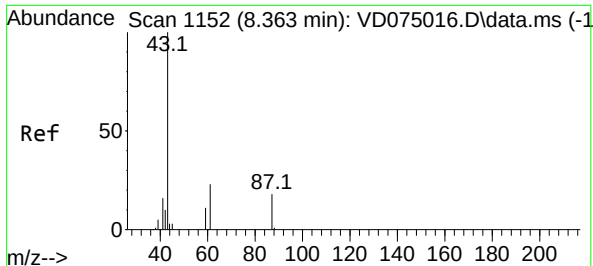
Tgt Ion: 41 Resp: 30360
Ion Ratio Lower Upper
41 100
39 43.4 45.9 68.9#
67 78.4 76.0 114.0
52 28.6 26.6 39.8



#42
1,2-Dichloroethane
Concen: 44.914 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion: 62 Resp: 94860
Ion Ratio Lower Upper
62 100
98 12.0 0.0 23.4





#43

Isopropyl Acetate

Concen: 45.653 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

Instrument :

MSVOA_D

ClientSampleId :

ICVVD121422

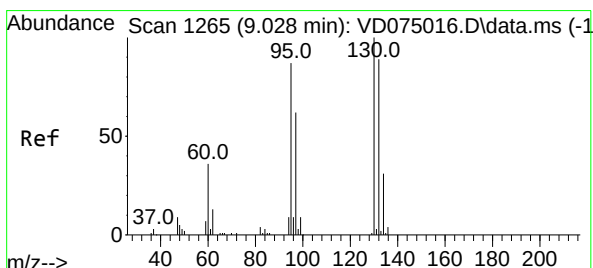
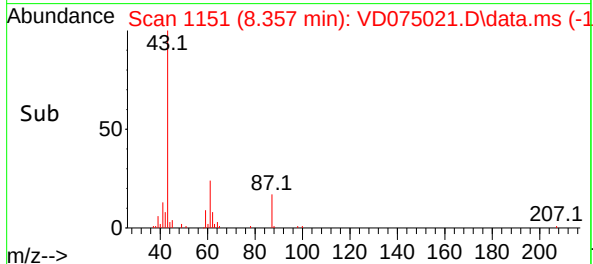
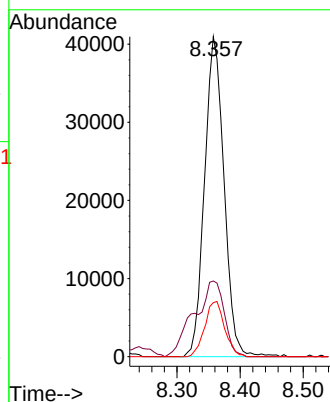
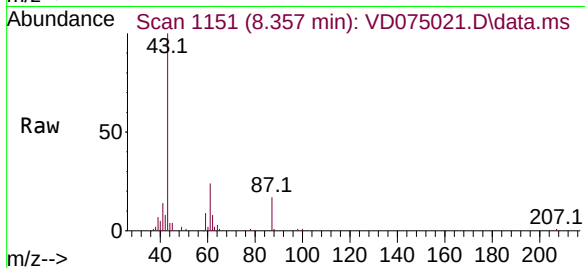
Tgt Ion: 43 Resp: 87825

Ion Ratio Lower Upper

43 100

61 36.4 28.2 42.2

87 17.7 13.8 20.6



#44

Trichloroethene

Concen: 49.841 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD075021.D

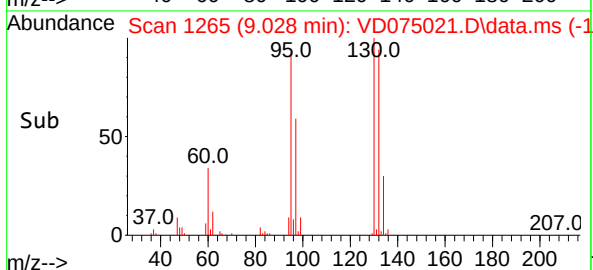
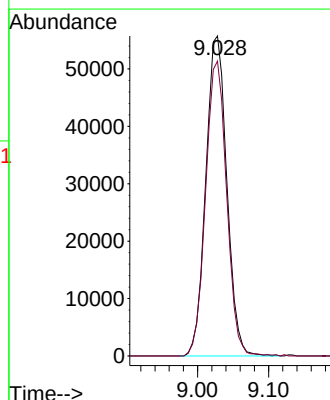
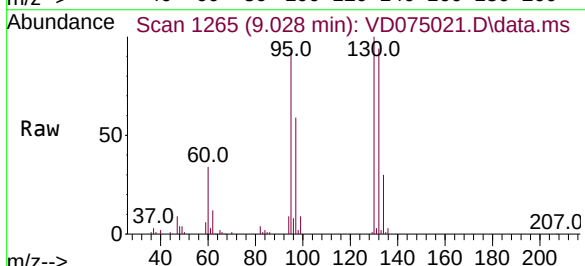
Acq: 14 Dec 2022 15:44

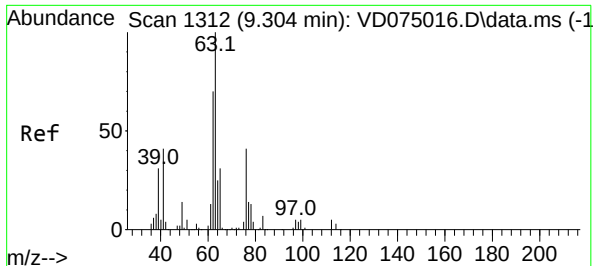
Tgt Ion:130 Resp: 114808

Ion Ratio Lower Upper

130 100

95 92.2 0.0 174.8





#45

1,2-Dichloropropane

Concen: 48.457 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

Instrument :

MSVOA_D

ClientSampleId :

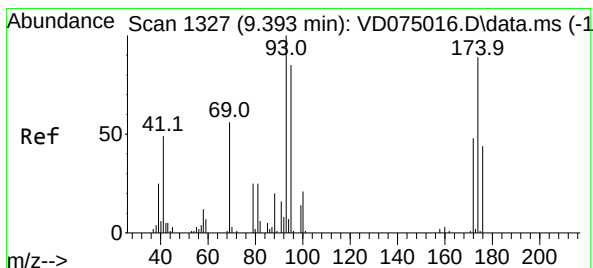
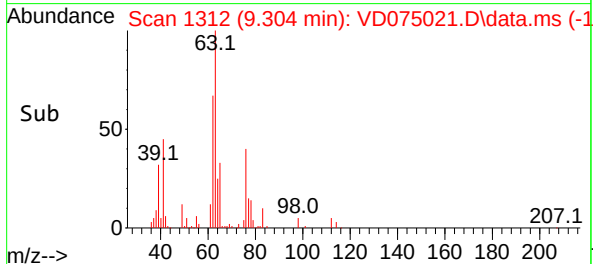
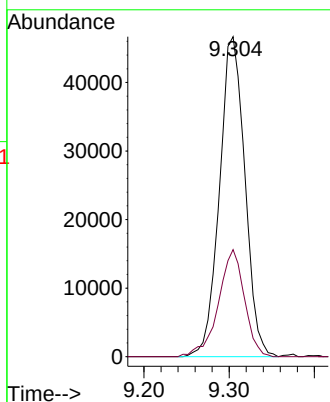
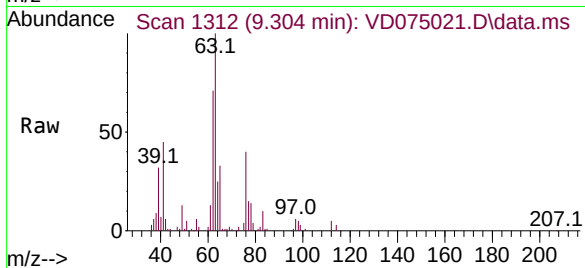
ICVVD121422

Tgt Ion: 63 Resp: 96700

Ion Ratio Lower Upper

63 100

65 33.5 25.2 37.8



#46

Dibromomethane

Concen: 50.162 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

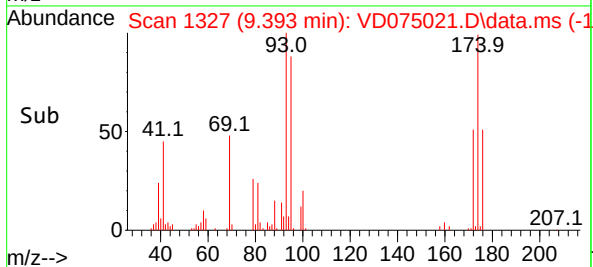
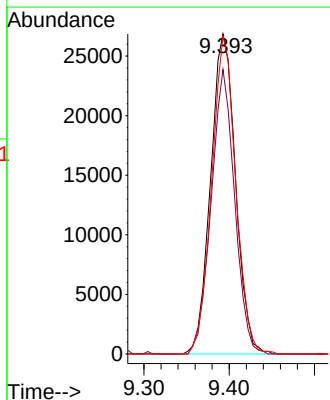
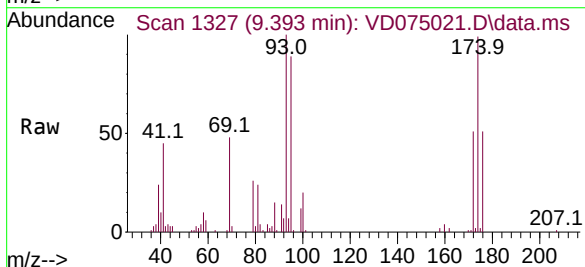
Tgt Ion: 93 Resp: 54384

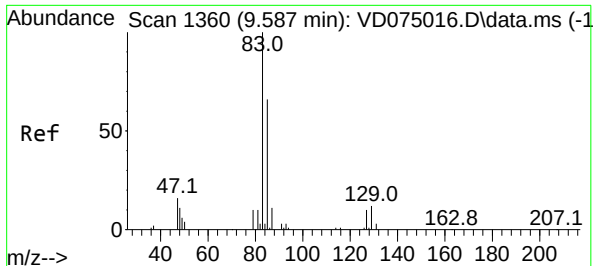
Ion Ratio Lower Upper

93 100

95 83.6 66.3 99.5

174 96.2 74.7 112.1





#47

Bromodichloromethane

Concen: 50.603 ug/l

RT: 9.581 min Scan# 1360

Delta R.T. -0.006 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

Instrument :

MSVOA_D

ClientSampleId :

ICVVD121422

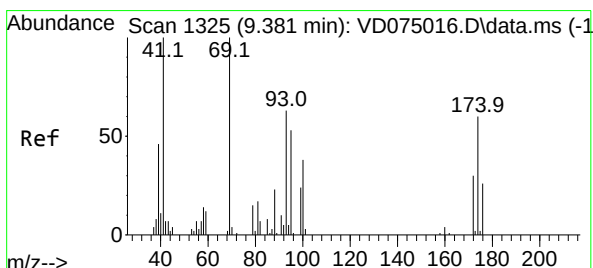
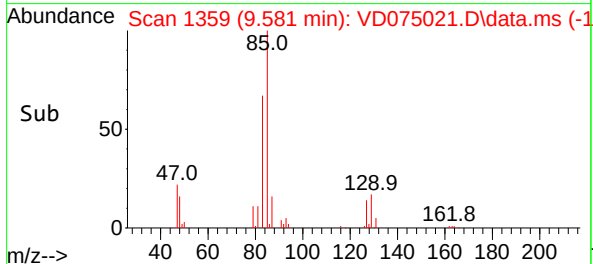
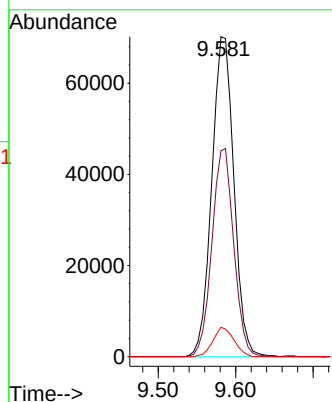
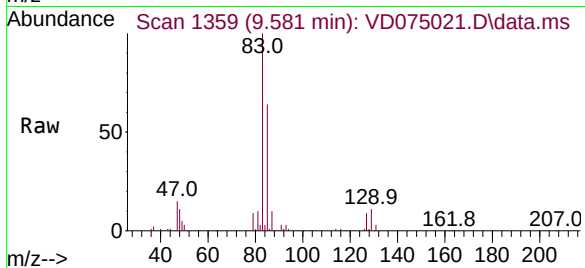
Tgt Ion: 83 Resp: 139268

Ion Ratio Lower Upper

83 100

85 64.3 53.0 79.6

127 9.2 8.1 12.1



#48

Methyl methacrylate

Concen: 46.393 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

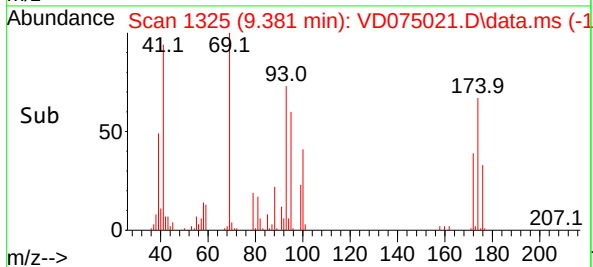
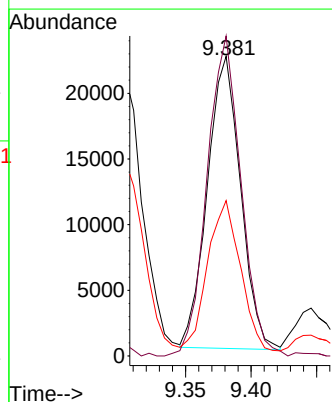
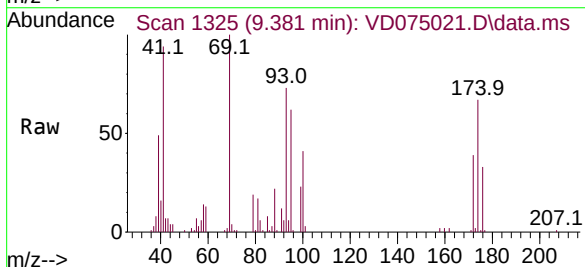
Tgt Ion: 41 Resp: 39179

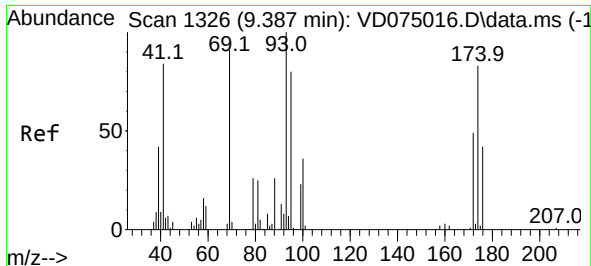
Ion Ratio Lower Upper

41 100

69 111.9 87.0 130.4

39 55.1 43.6 65.4





#49

1,4-Dioxane

Concen: 1012.492 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

Instrument :

MSVOA_D

ClientSampleId :

ICVVD121422

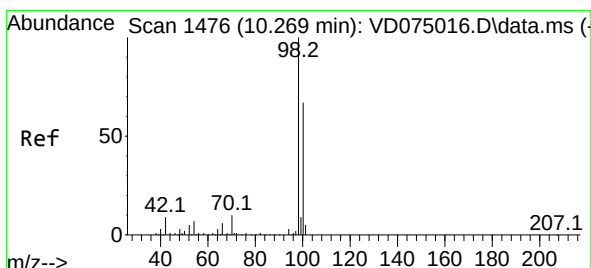
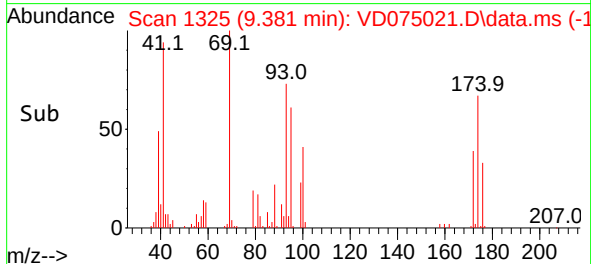
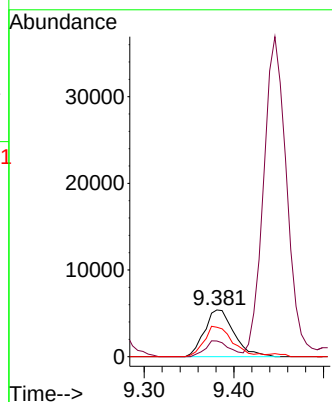
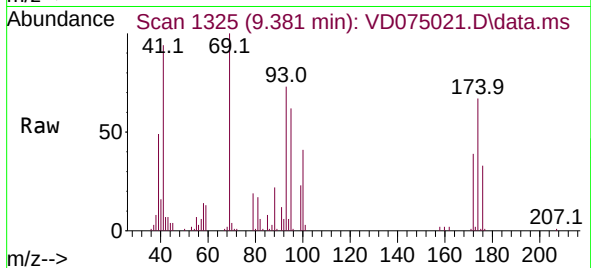
Tgt Ion: 88 Resp: 12287

Ion Ratio Lower Upper

88 100

43 28.4 22.3 33.5

58 62.6 47.3 70.9



#50

Toluene-d8

Concen: 43.858 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075021.D

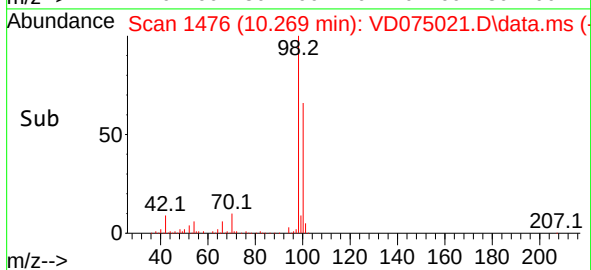
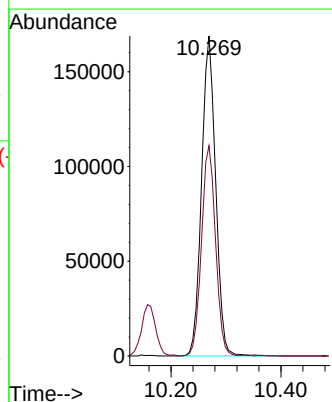
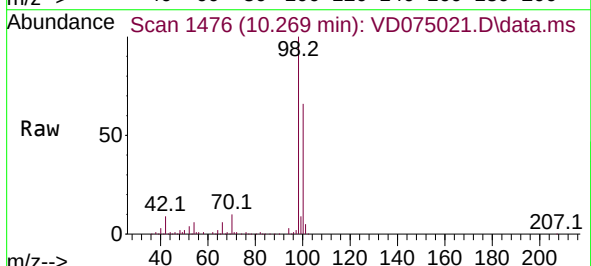
Acq: 14 Dec 2022 15:44

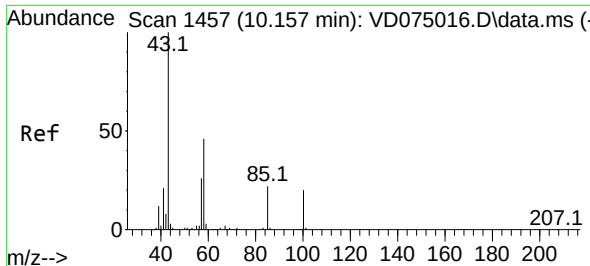
Tgt Ion: 98 Resp: 299866

Ion Ratio Lower Upper

98 100

100 65.8 52.3 78.5

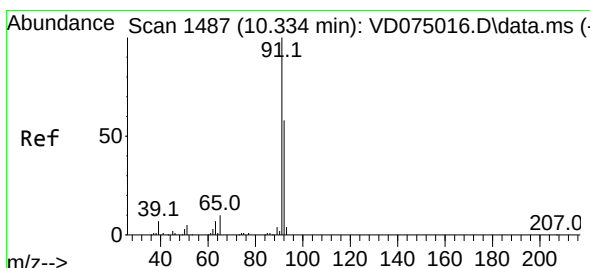
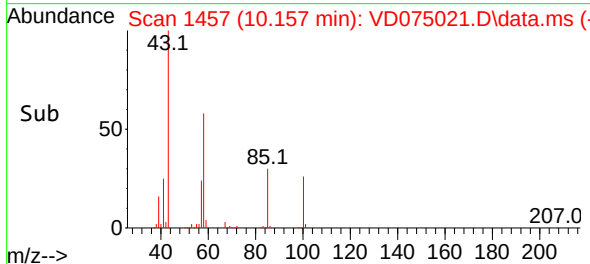
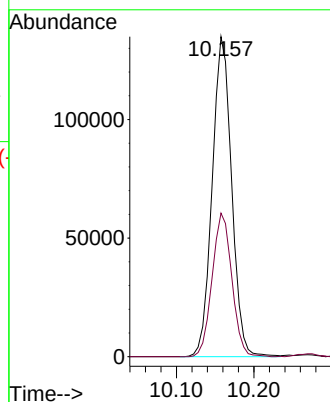
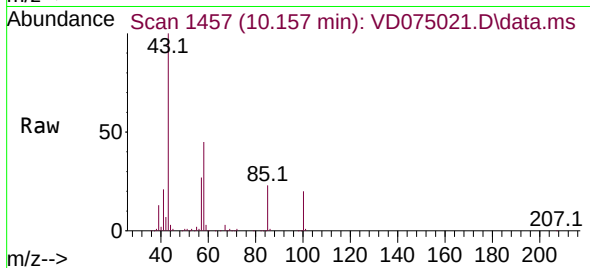




#51
4-Methyl-2-Pentanone
Concen: 244.523 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

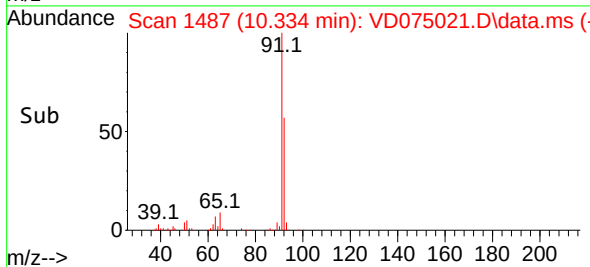
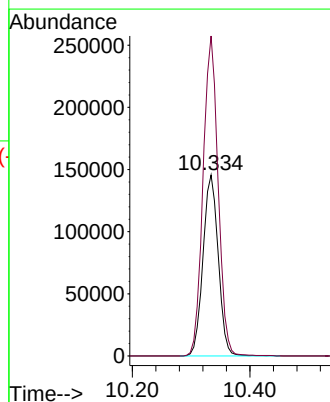
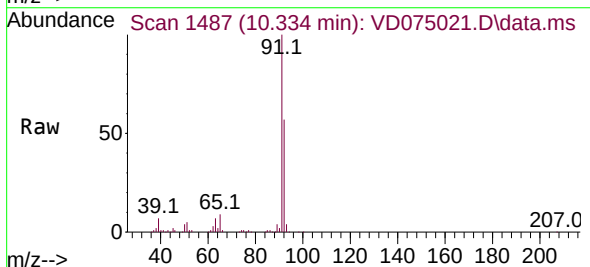
Instrument :
MSVOA_D
ClientSampleId :
ICVVD121422

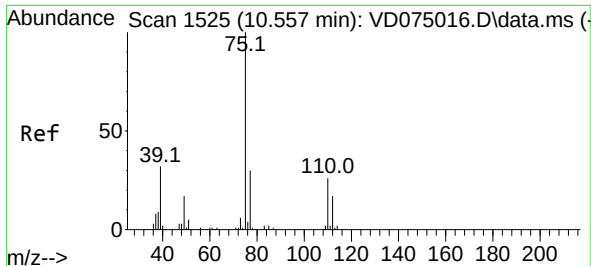
Tgt Ion: 43 Resp: 235122
Ion Ratio Lower Upper
43 100
58 45.4 35.8 53.6



#52
Toluene
Concen: 50.210 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion: 92 Resp: 261122
Ion Ratio Lower Upper
92 100
91 174.9 137.6 206.4

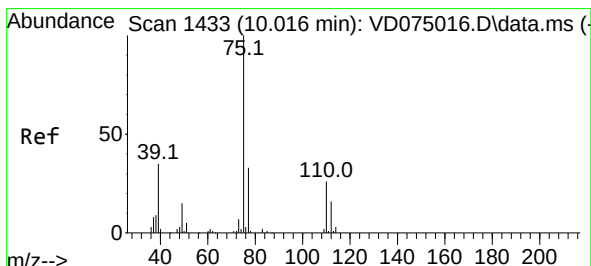
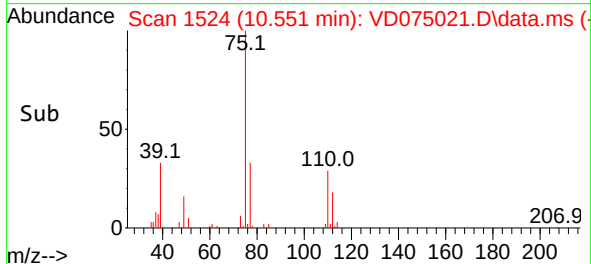
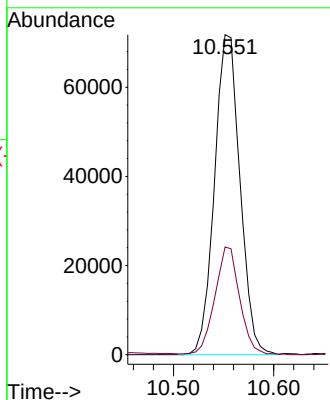
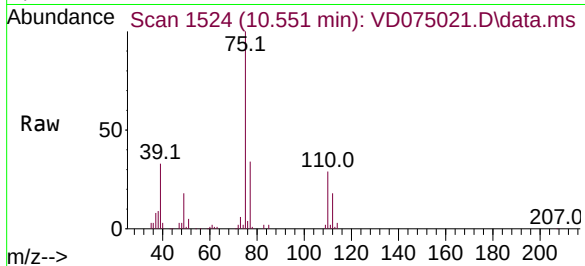




#53
 t-1,3-Dichloropropene
 Concen: 49.831 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD075021.D
 Acq: 14 Dec 2022 15:44

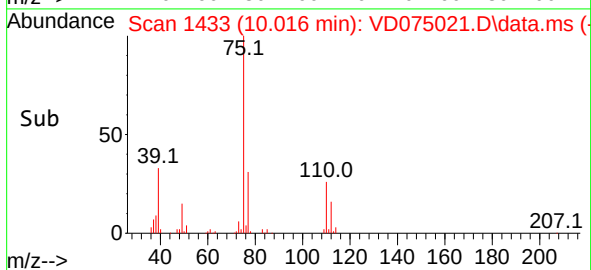
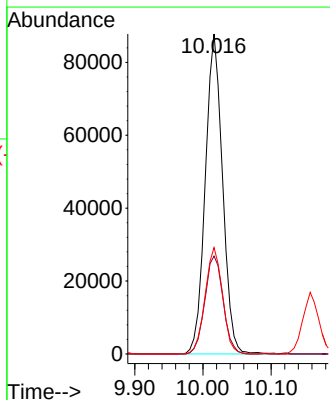
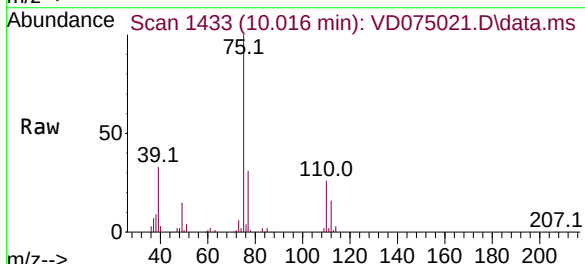
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD121422

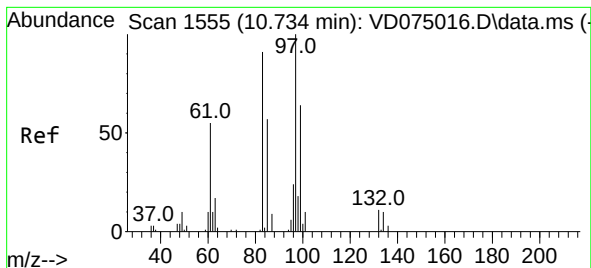
Tgt Ion: 75 Resp: 126401
 Ion Ratio Lower Upper
 75 100
 77 33.5 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 50.236 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075021.D
 Acq: 14 Dec 2022 15:44

Tgt Ion: 75 Resp: 154593
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.2 39.4
 39 33.3 28.3 42.5

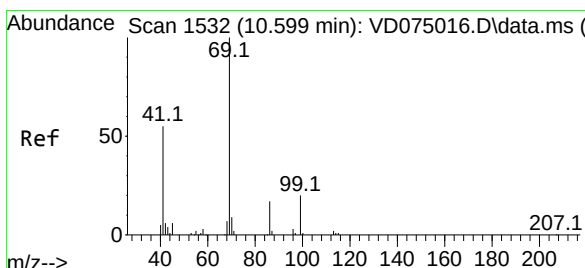
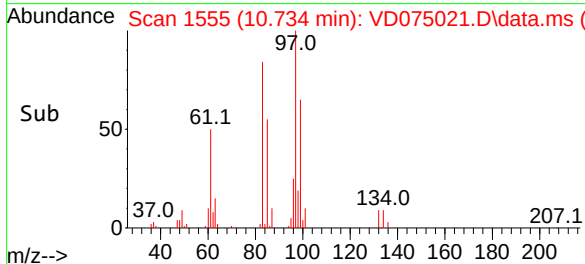
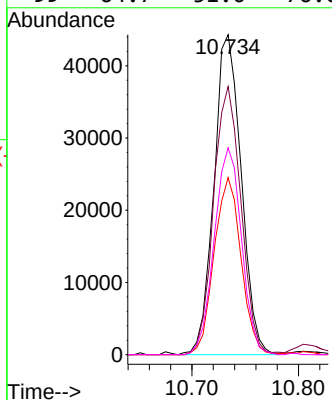
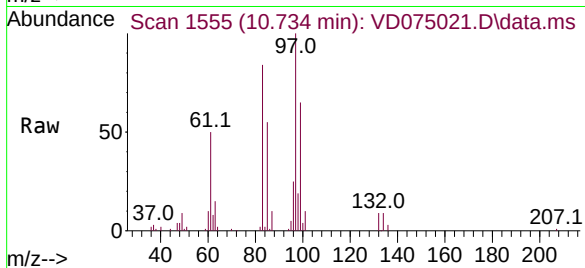




#55
 1,1,2-Trichloroethane
 Concen: 49.712 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: VD075021.D
 Acq: 14 Dec 2022 15:44

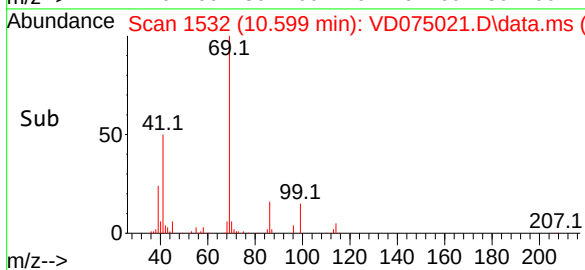
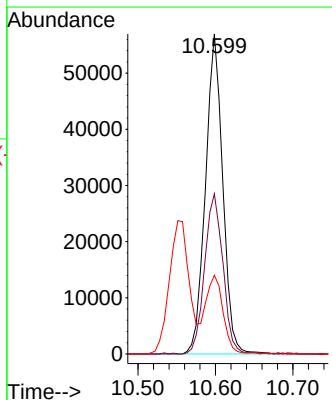
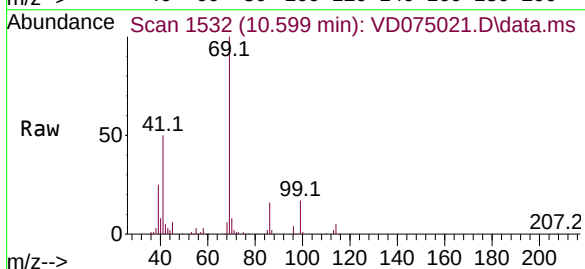
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD121422

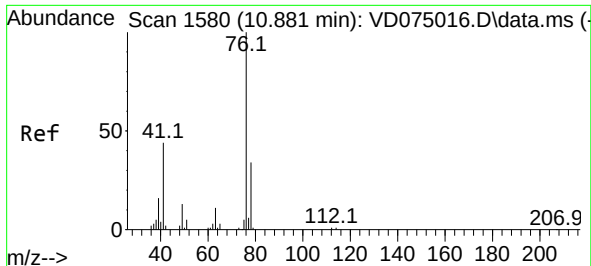
Tgt Ion:	97	Resp:	78701
Ion	Ratio	Lower	Upper
97	100		
83	83.8	73.1	109.7
85	55.3	45.4	68.2
99	64.7	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 50.819 ug/l
 RT: 10.599 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: VD075021.D
 Acq: 14 Dec 2022 15:44

Tgt Ion:	69	Resp:	88322
Ion	Ratio	Lower	Upper
69	100		
41	53.1	42.7	64.1
39	26.1	20.4	30.6





#57

1,3-Dichloropropane

Concen: 49.063 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

Instrument :

MSVOA_D

ClientSampleId :

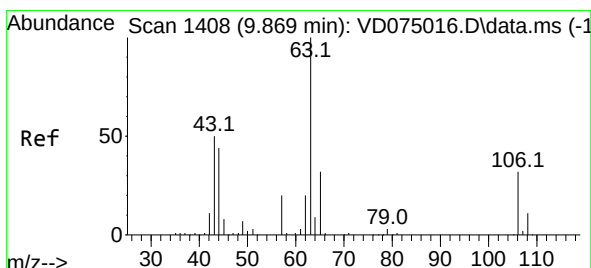
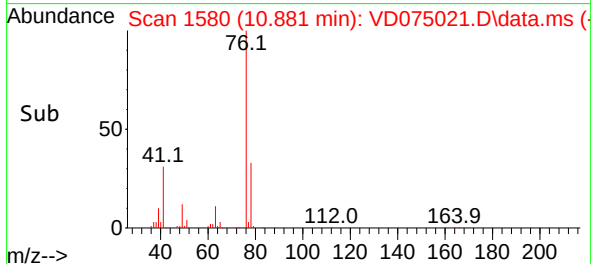
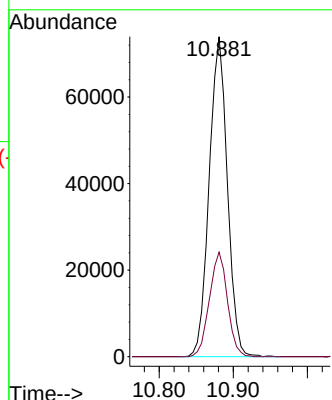
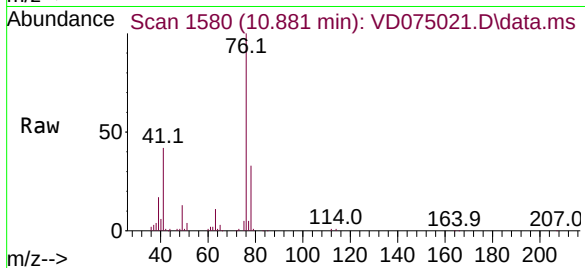
ICVVD121422

Tgt Ion: 76 Resp: 125827

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 252.433 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075021.D

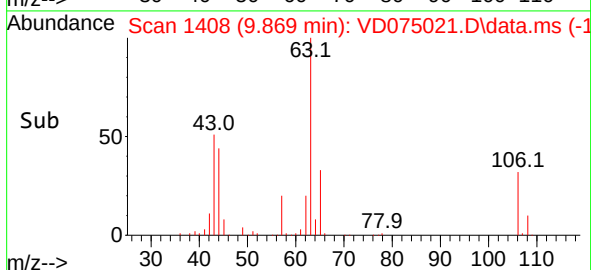
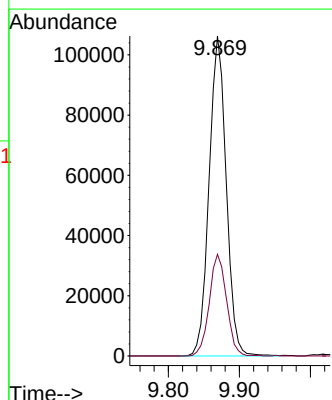
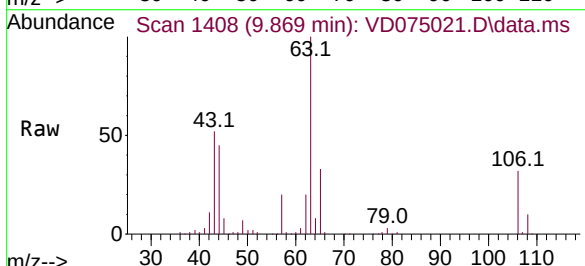
Acq: 14 Dec 2022 15:44

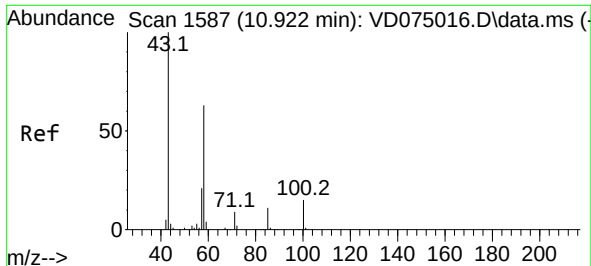
Tgt Ion: 63 Resp: 178281

Ion Ratio Lower Upper

63 100

106 31.9 25.0 37.4

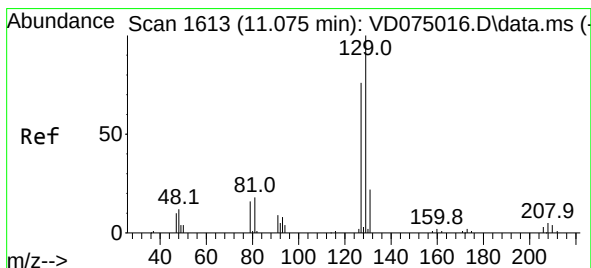
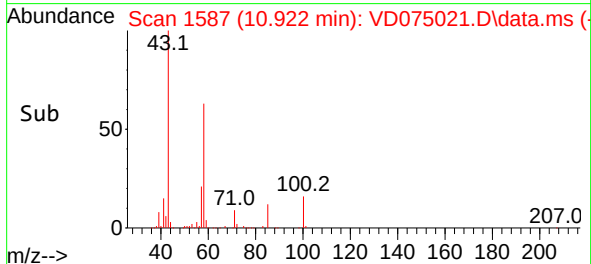
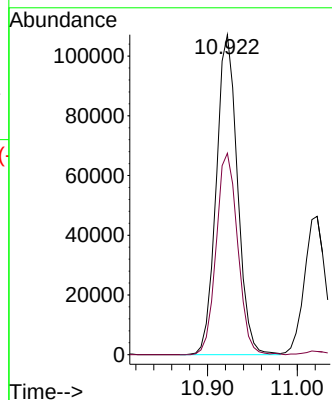
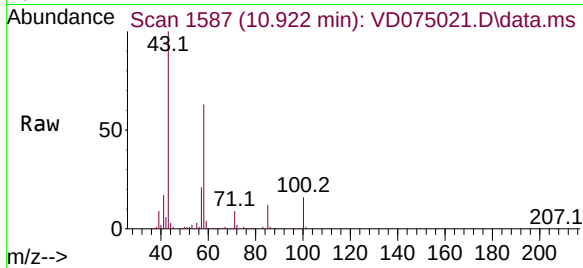




#59
2-Hexanone
Concen: 251.144 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

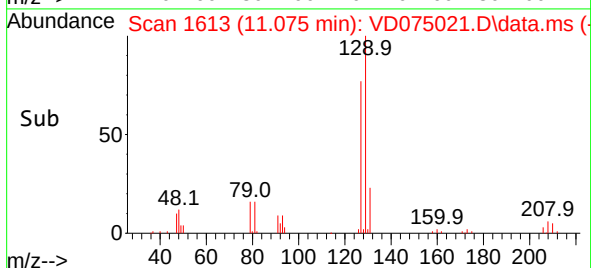
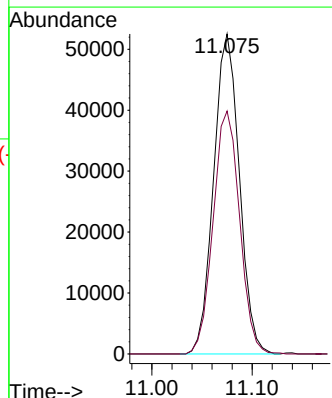
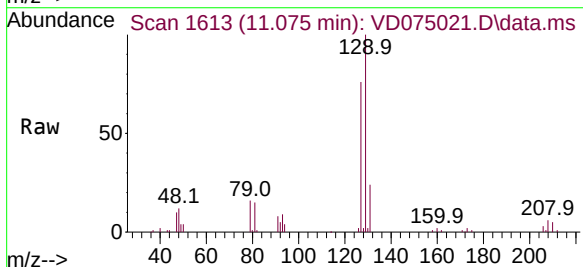
Instrument :
MSVOA_D
ClientSampleId :
ICVVD121422

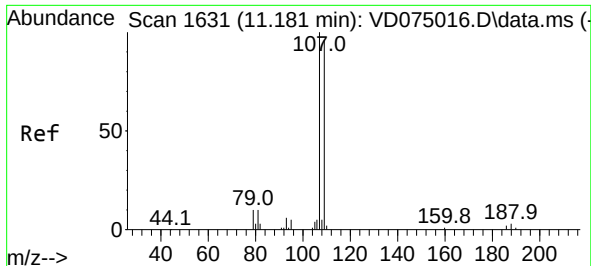
Tgt Ion: 43 Resp: 175868
Ion Ratio Lower Upper
43 100
58 63.8 31.4 94.3



#60
Dibromochloromethane
Concen: 50.529 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion: 129 Resp: 93437
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.3

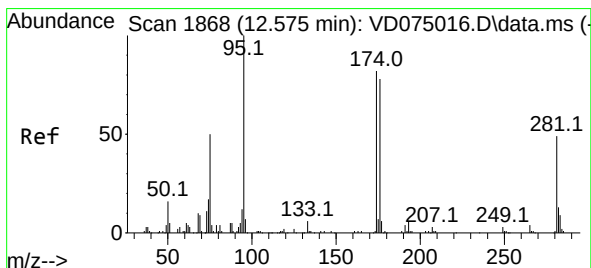
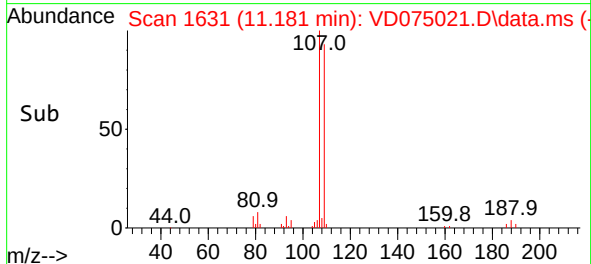
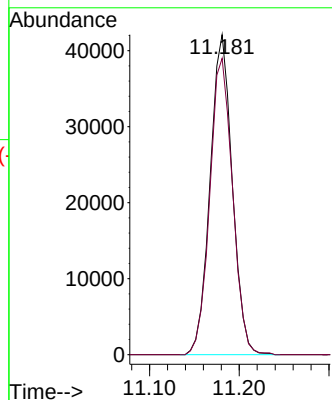
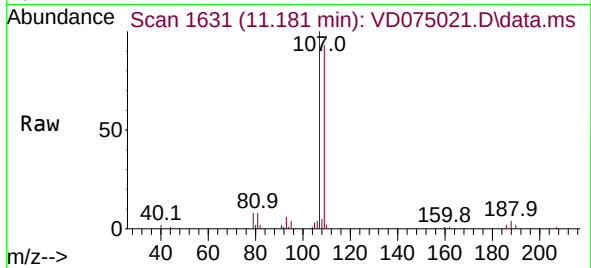




#61
1,2-Dibromoethane
Concen: 50.497 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

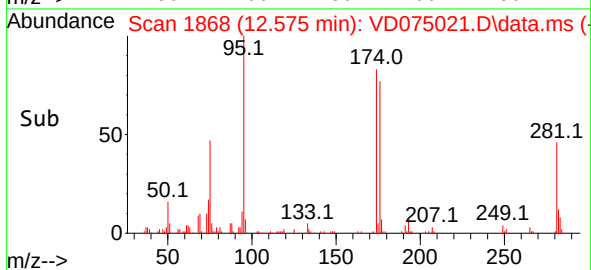
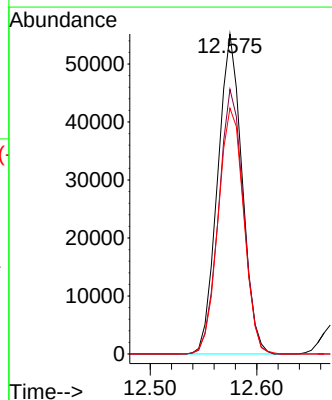
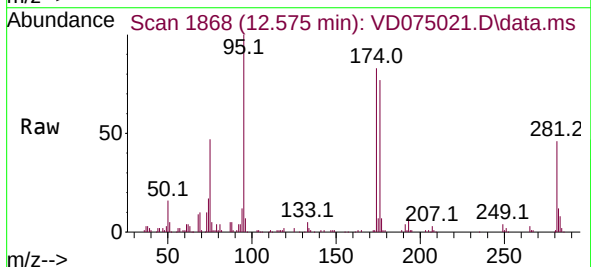
Instrument :
MSVOA_D
ClientSampleId :
ICVVD121422

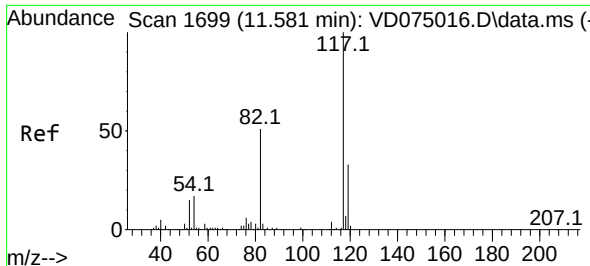
Tgt Ion:107 Resp: 72164
Ion Ratio Lower Upper
107 100
109 95.2 76.4 114.6



#62
4-Bromofluorobenzene
Concen: 39.955 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion: 95 Resp: 87712
Ion Ratio Lower Upper
95 100
174 83.9 0.0 171.6
176 80.4 0.0 165.8

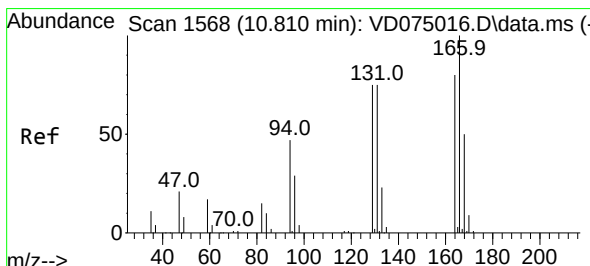
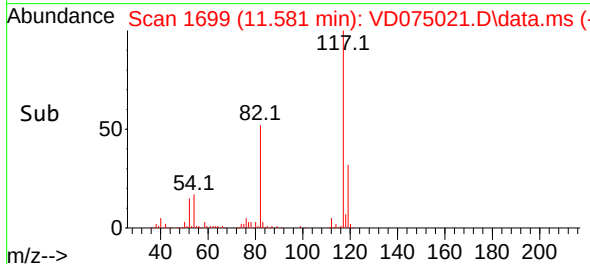
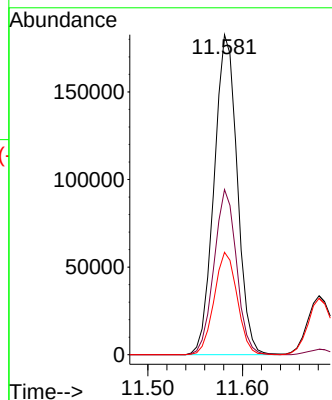
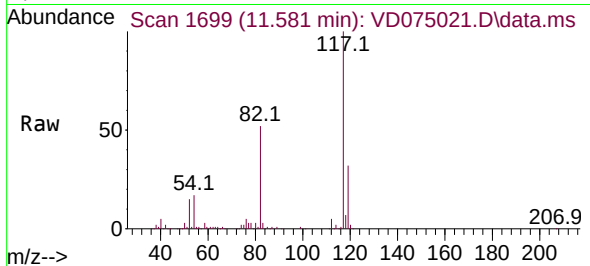




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

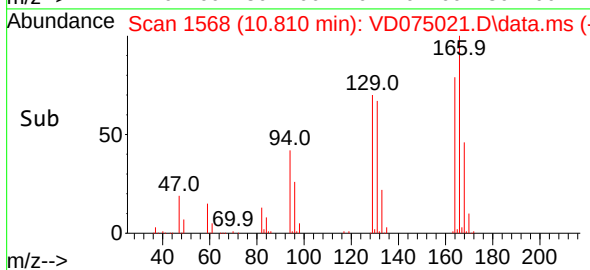
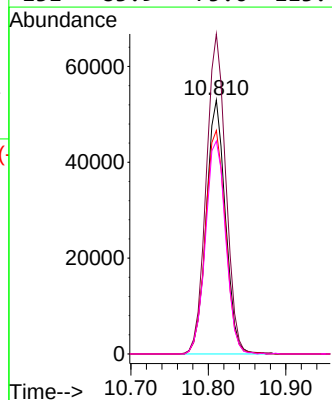
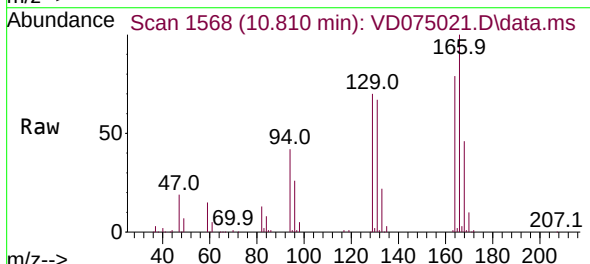
Instrument :
MSVOA_D
ClientSampleId :
ICVVD121422

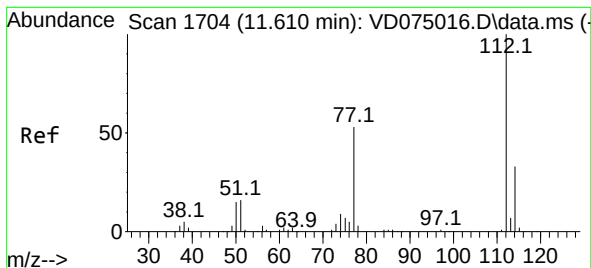
Tgt Ion:117 Resp: 310059
Ion Ratio Lower Upper
117 100
82 51.6 40.7 61.1
119 32.0 26.1 39.1



#64
Tetrachloroethene
Concen: 50.537 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion:164 Resp: 91102
Ion Ratio Lower Upper
164 100
166 126.0 100.3 150.5
129 88.0 74.8 112.2
131 83.9 75.6 113.4

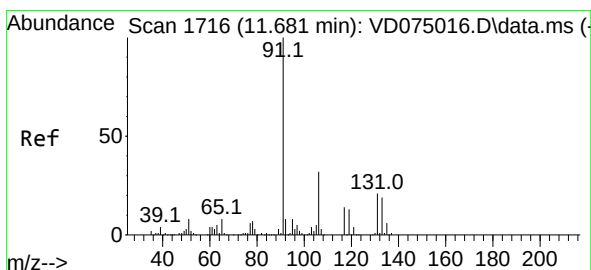
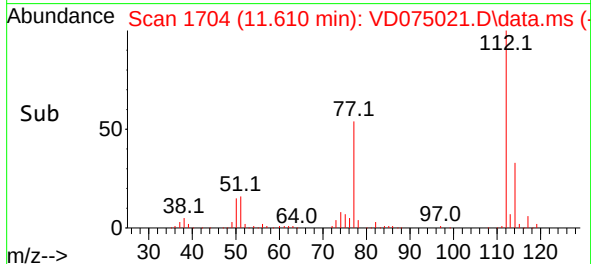
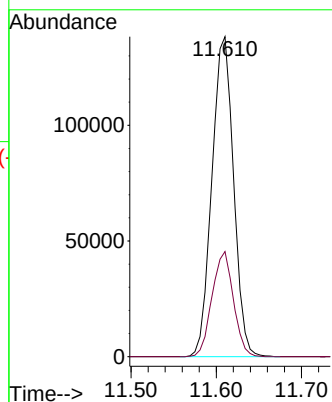
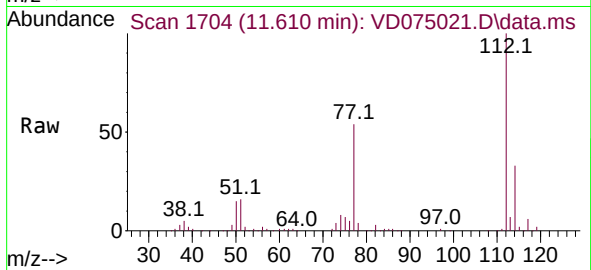




#65
Chlorobenzene
Concen: 42.911 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

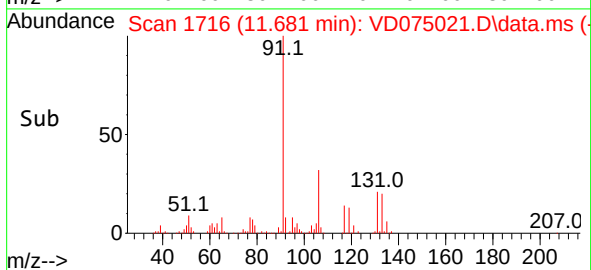
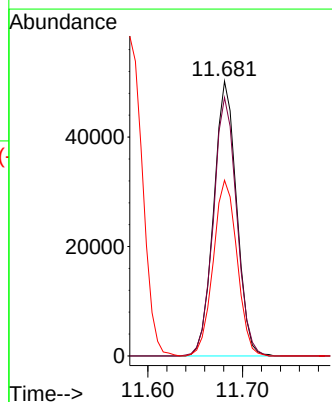
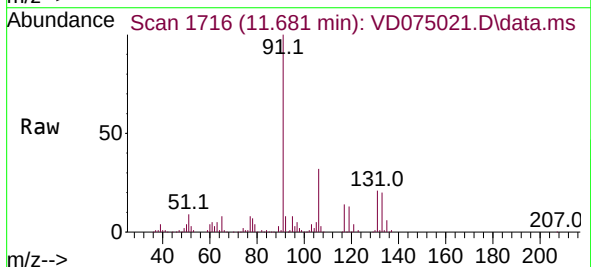
Instrument :
MSVOA_D
ClientSampleId :
ICVVD121422

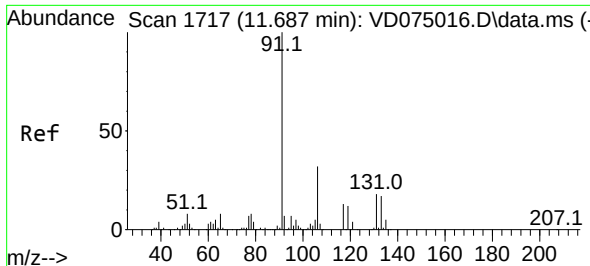
Tgt Ion:112 Resp: 244311
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 42.118 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion:131 Resp: 84294
Ion Ratio Lower Upper
131 100
133 96.1 47.0 141.2
119 66.5 33.4 100.1

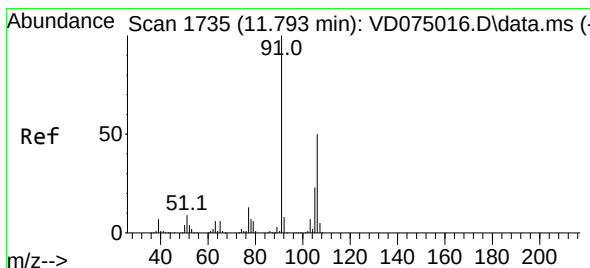
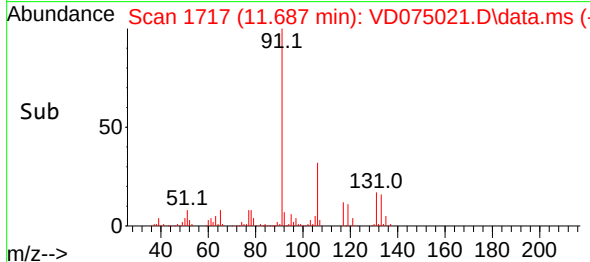
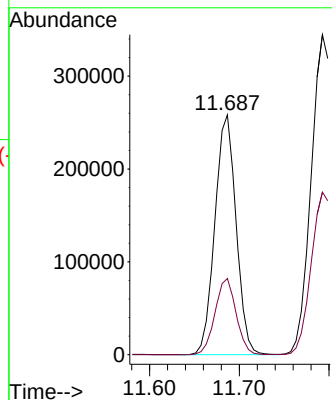
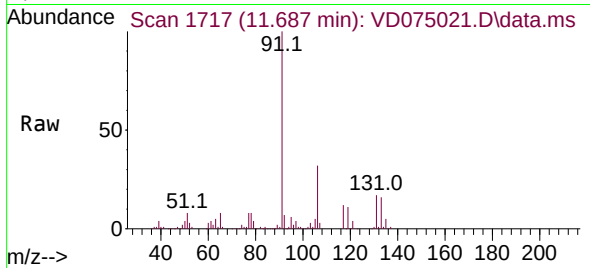




#67
Ethyl Benzene
Concen: 43.060 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

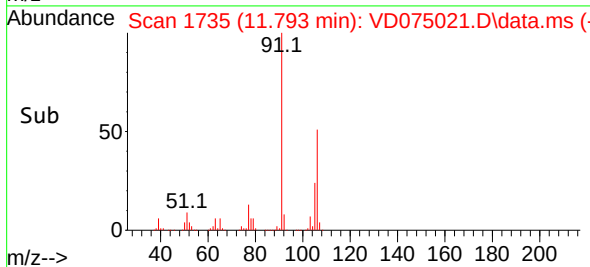
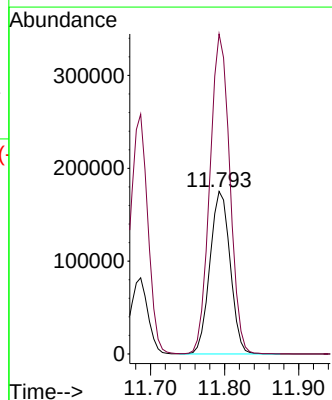
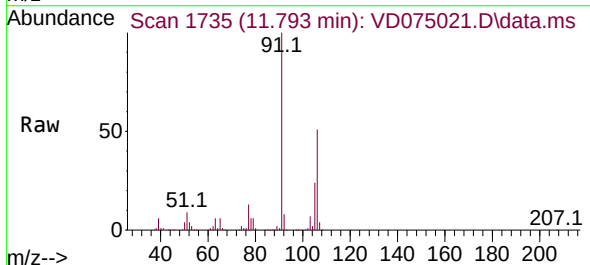
Instrument :
MSVOA_D
ClientSampleId :
ICVVD121422

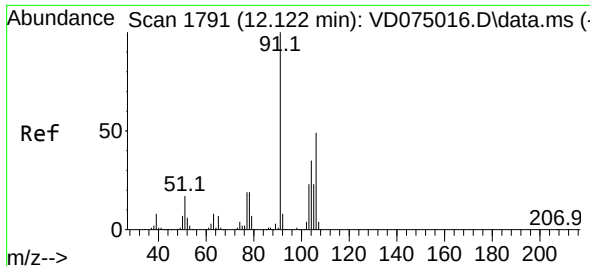
Tgt Ion: 91 Resp: 423568
Ion Ratio Lower Upper
91 100
106 31.7 25.9 38.9



#68
m/p-Xylenes
Concen: 86.079 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion:106 Resp: 332259
Ion Ratio Lower Upper
106 100
91 194.3 157.1 235.7

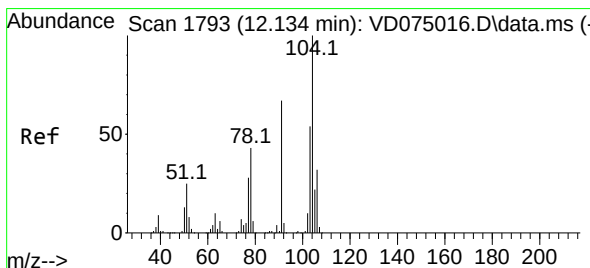
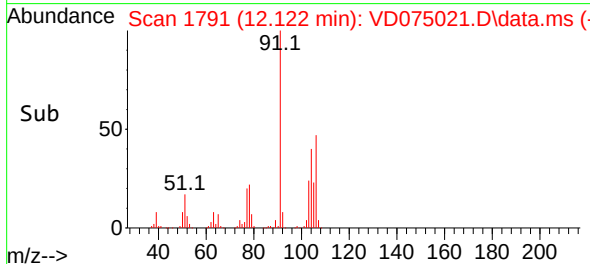
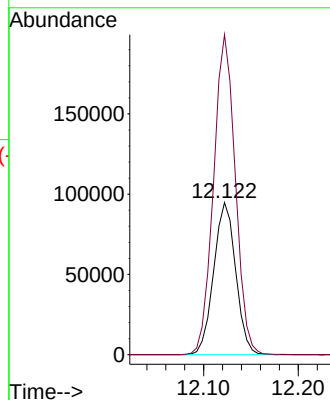
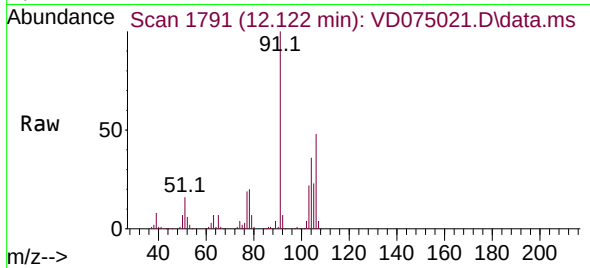




#69
o-Xylene
Concen: 41.888 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

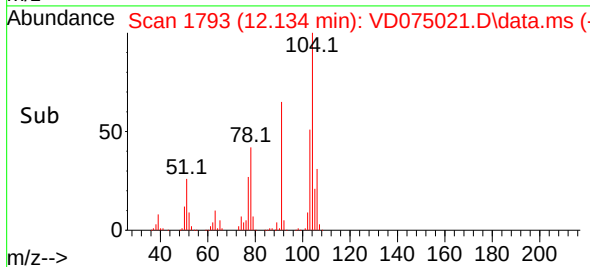
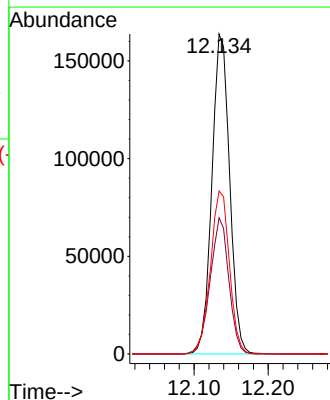
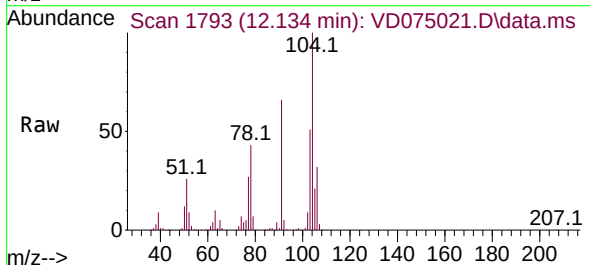
Instrument :
MSVOA_D
ClientSampleId :
ICVVD121422

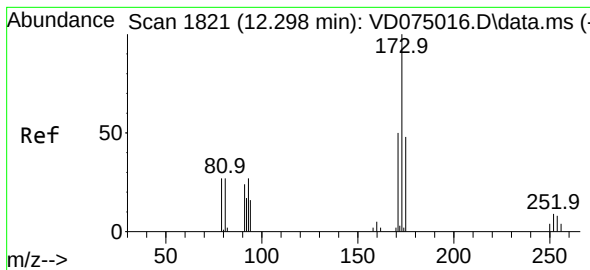
Tgt Ion:106 Resp: 153159
Ion Ratio Lower Upper
106 100
91 208.4 103.4 310.1



#70
Styrene
Concen: 43.314 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion:104 Resp: 272197
Ion Ratio Lower Upper
104 100
78 45.0 35.9 53.9
103 54.5 44.7 67.1





#71

Bromoform

Concen: 41.214 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

Instrument :

MSVOA_D

ClientSampleId :

ICVVD121422

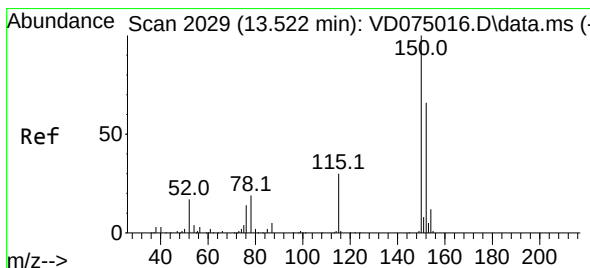
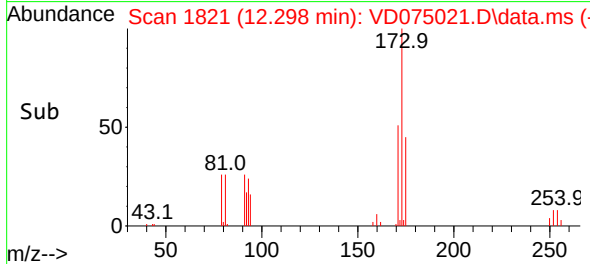
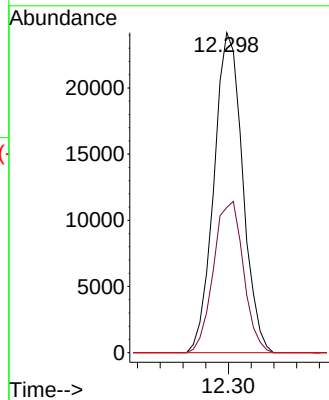
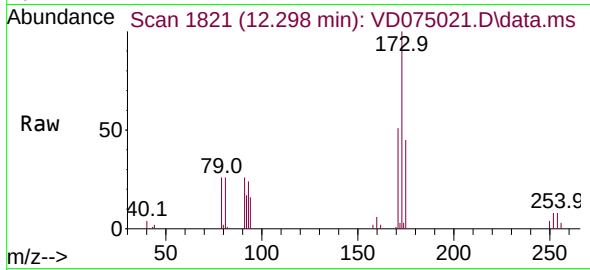
Tgt Ion:173 Resp: 42397

Ion Ratio Lower Upper

173 100

175 49.2 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: VD075021.D

Acq: 14 Dec 2022 15:44

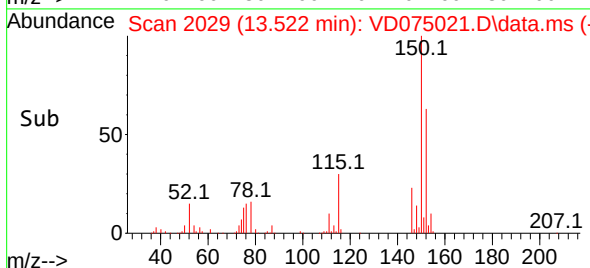
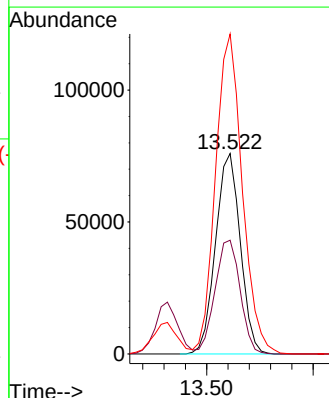
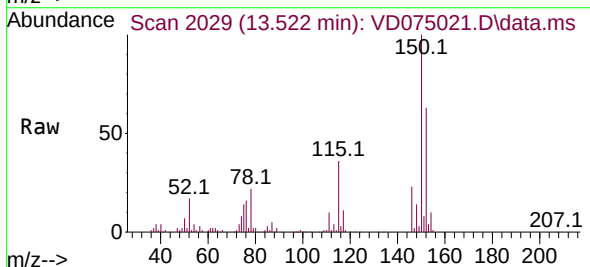
Tgt Ion:152 Resp: 122300

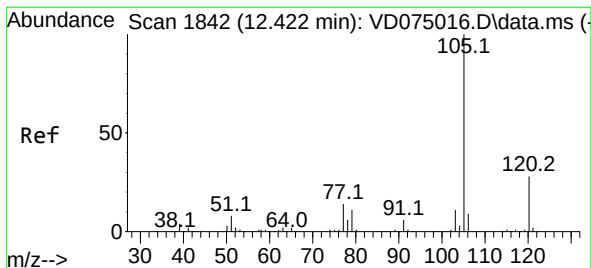
Ion Ratio Lower Upper

152 100

115 57.9 28.0 84.0

150 172.8 0.0 342.0





#73

Isopropylbenzene

Concen: 51.443 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

Instrument :

MSVOA_D

ClientSampleId :

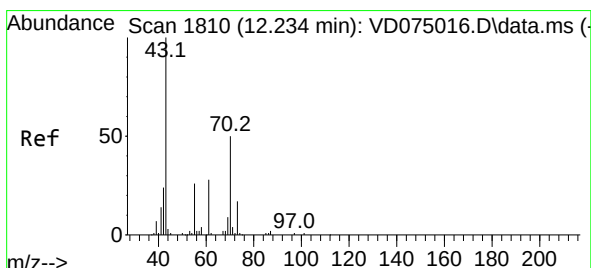
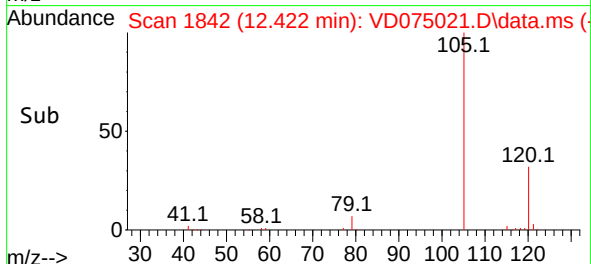
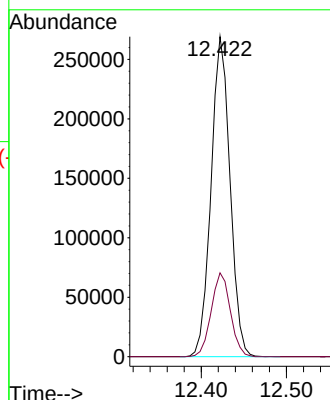
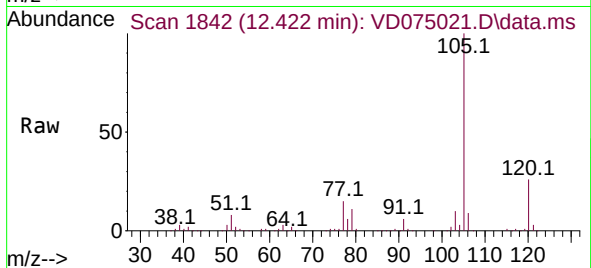
ICVVD121422

Tgt Ion:105 Resp: 416082

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.4



#74

N-ethyl acetate

Concen: 51.435 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

Tgt Ion: 43 Resp: 72701

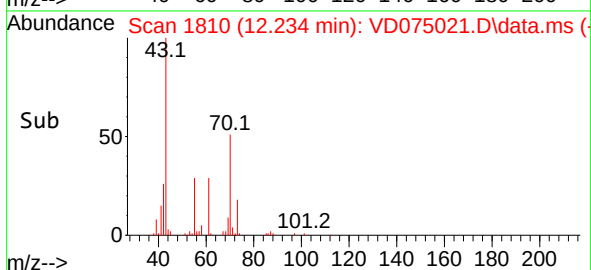
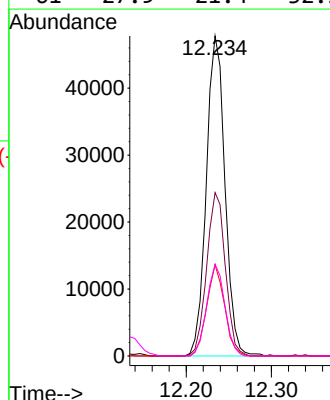
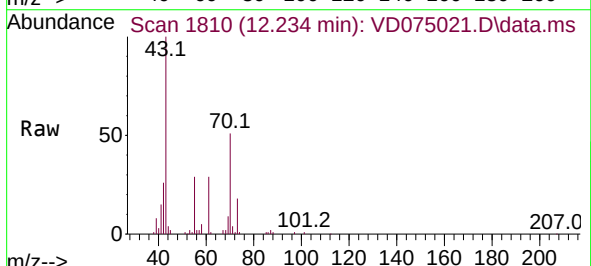
Ion Ratio Lower Upper

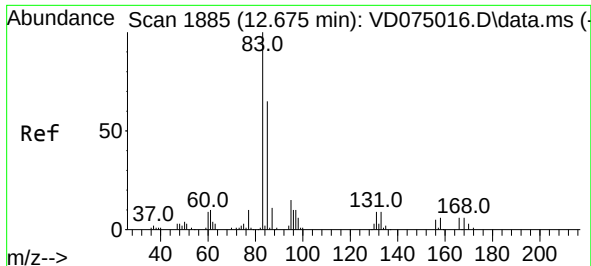
43 100

70 51.1 40.2 60.4

55 27.1 21.6 32.4

61 27.9 21.4 32.2

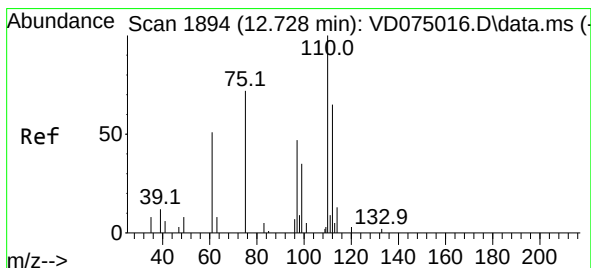
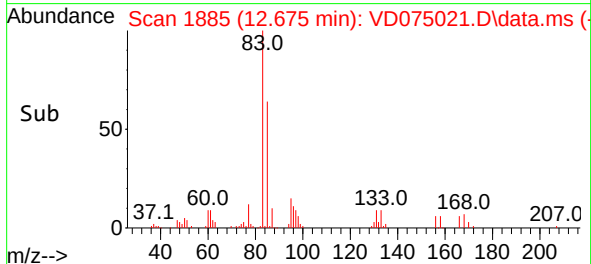
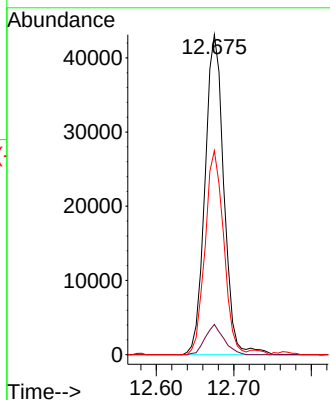
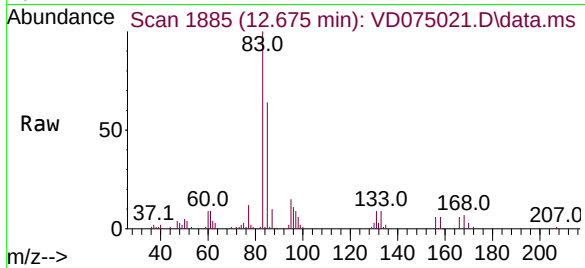




#75
1,1,2-Tetrachloroethane
Concen: 50.121 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

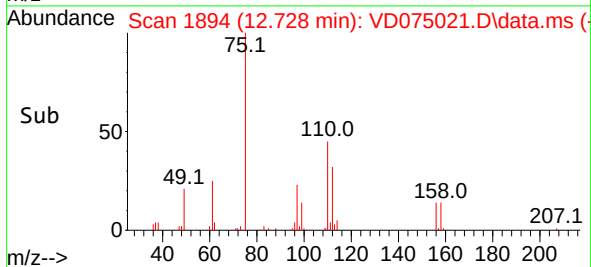
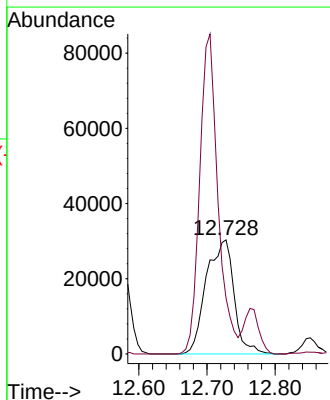
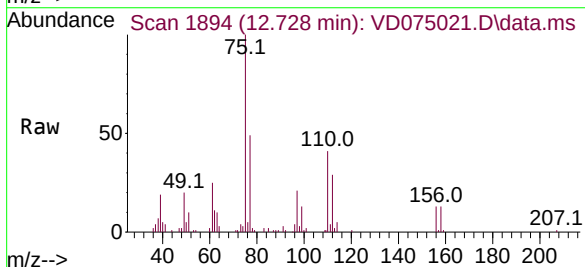
Instrument :
MSVOA_D
ClientSampleId :
ICVVD121422

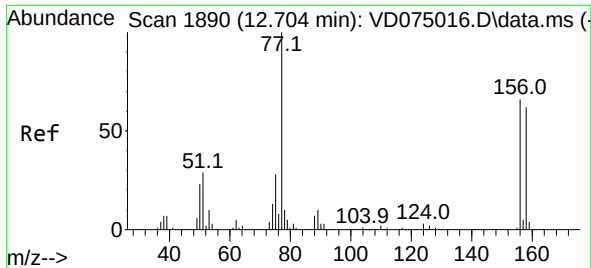
Tgt Ion: 83 Resp: 72871
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.3
85 63.0 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 80.626 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion: 75 Resp: 85868
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

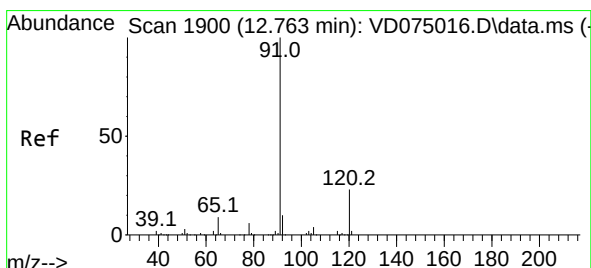
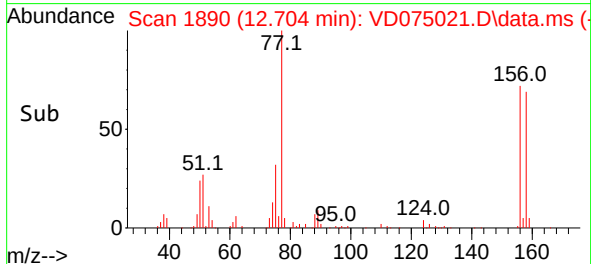
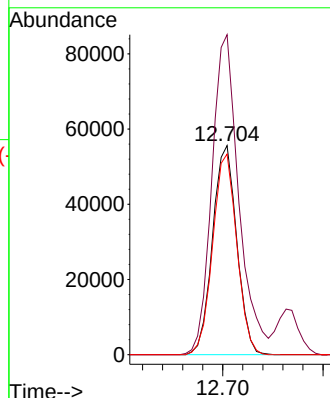
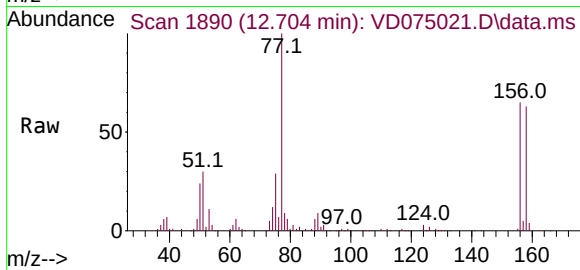




#77
Bromobenzene
Concen: 50.687 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

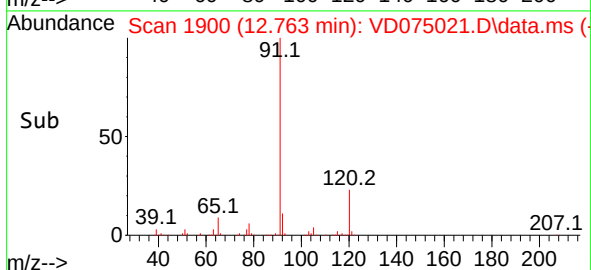
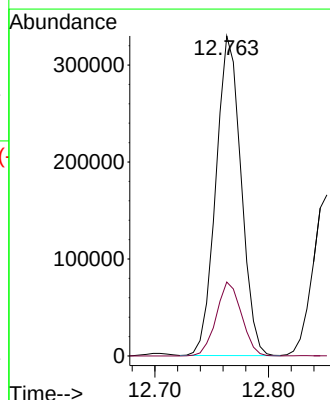
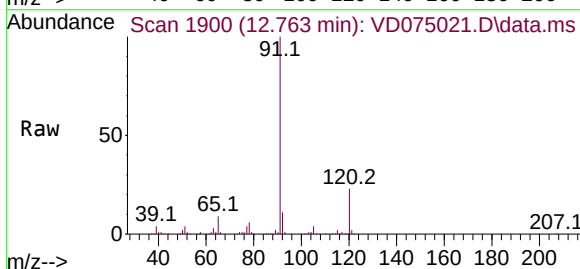
Instrument :
MSVOA_D
ClientSampleId :
ICVVD121422

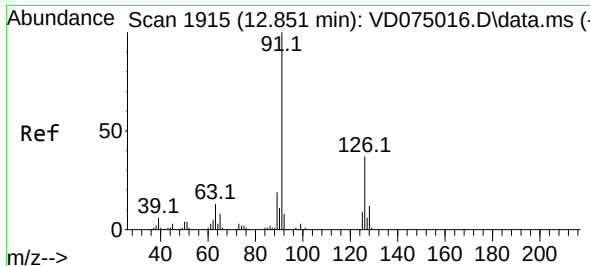
Tgt Ion:156 Resp: 93274
Ion Ratio Lower Upper
156 100
77 170.7 85.7 256.9
158 95.7 47.7 143.1



#78
n-propylbenzene
Concen: 51.278 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion: 91 Resp: 507778
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8

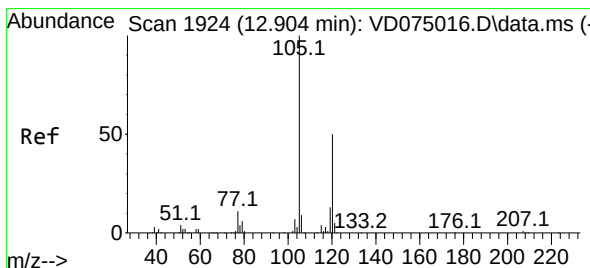
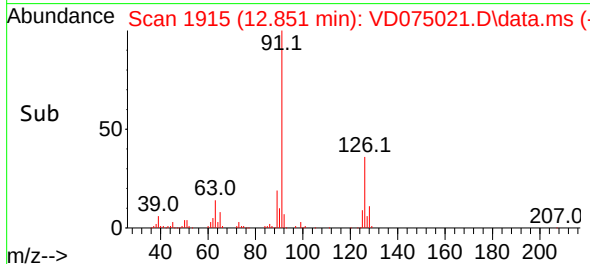
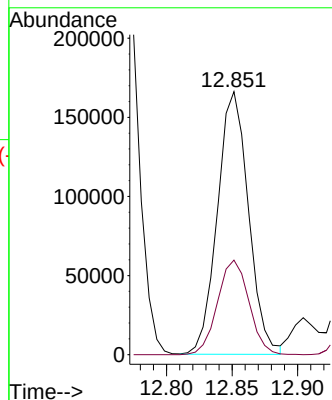
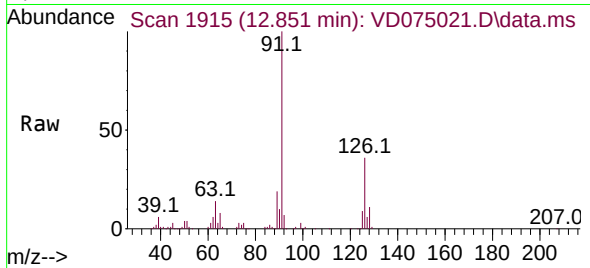




#79
2-Chlorotoluene
Concen: 50.797 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

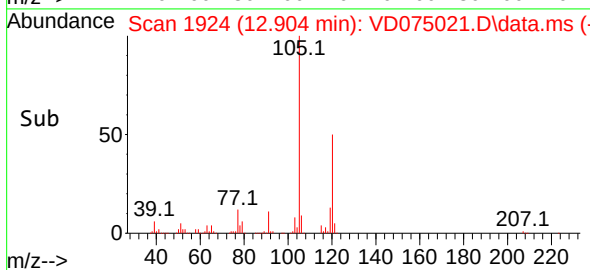
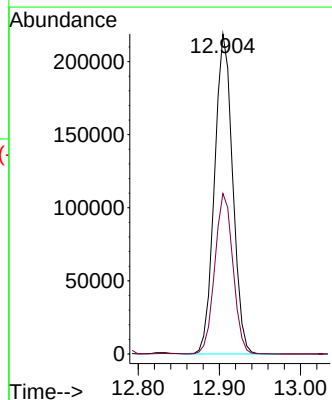
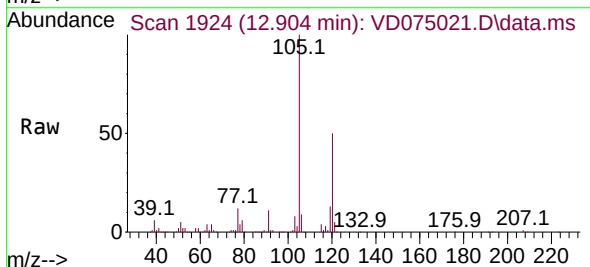
Instrument :
MSVOA_D
ClientSampleId :
ICVVD121422

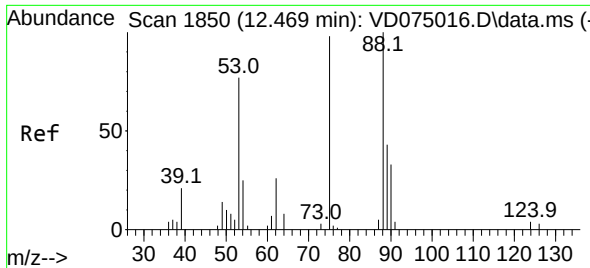
Tgt Ion: 91 Resp: 274034
Ion Ratio Lower Upper
91 100
126 36.2 17.9 53.7



#80
1,3,5-Trimethylbenzene
Concen: 50.833 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion: 105 Resp: 339860
Ion Ratio Lower Upper
105 100
120 50.2 25.1 75.3

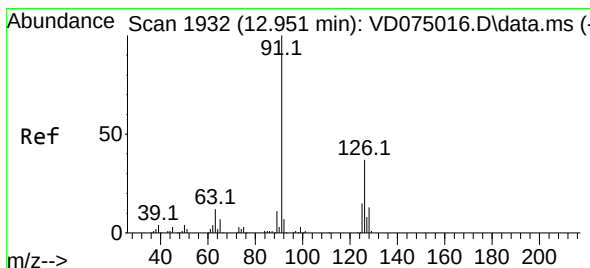
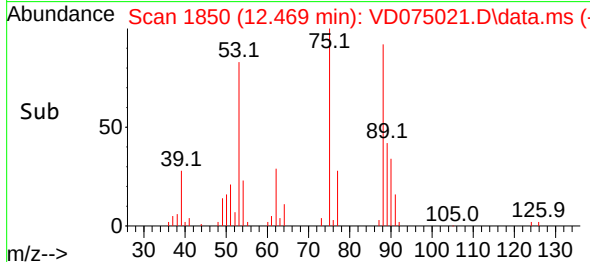
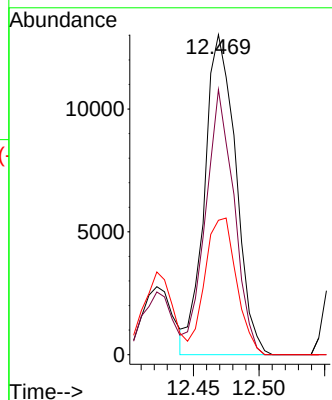
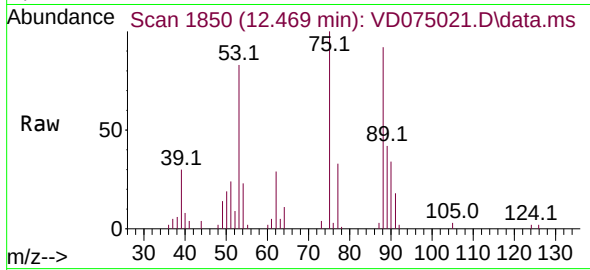




#81
trans-1,4-Dichloro-2-butene
Concen: 51.651 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

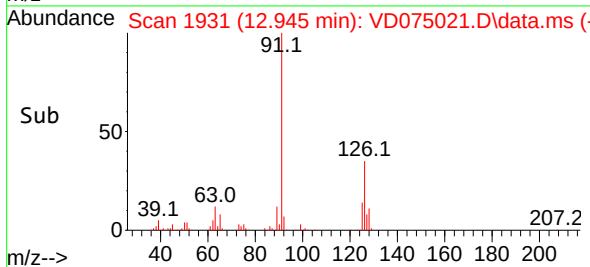
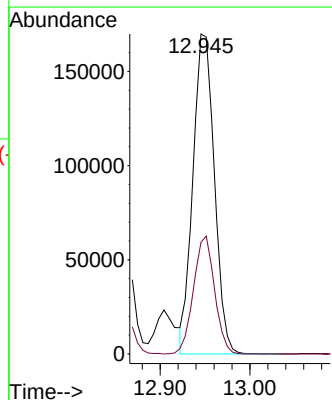
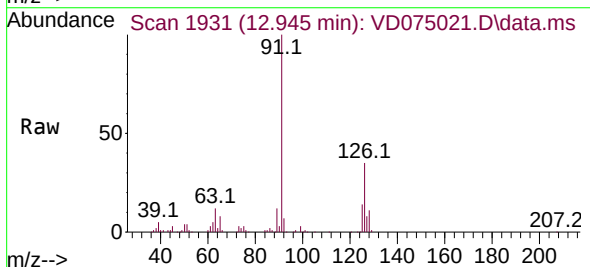
Instrument :
MSVOA_D
ClientSampleId :
ICVVD121422

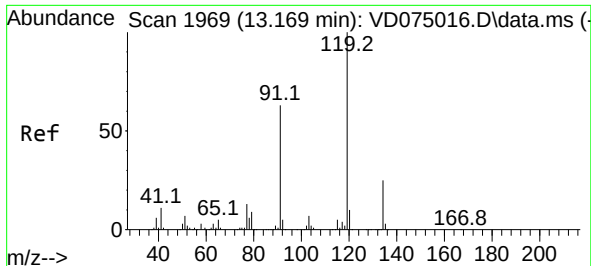
Tgt Ion: 75 Resp: 21585
Ion Ratio Lower Upper
75 100
53 75.8 61.0 91.6
89 43.1 36.9 55.3



#82
4-Chlorotoluene
Concen: 50.354 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion: 91 Resp: 281671
Ion Ratio Lower Upper
91 100
126 36.3 18.2 54.6

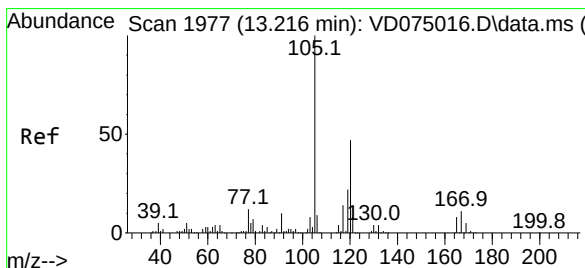
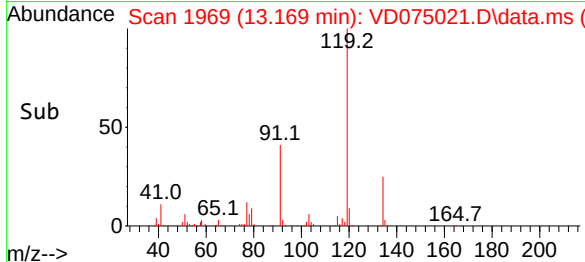
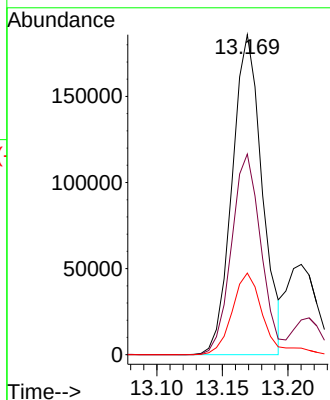
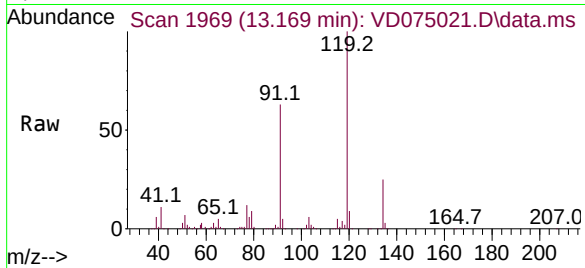




#83
tert-Butylbenzene
Concen: 51.469 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

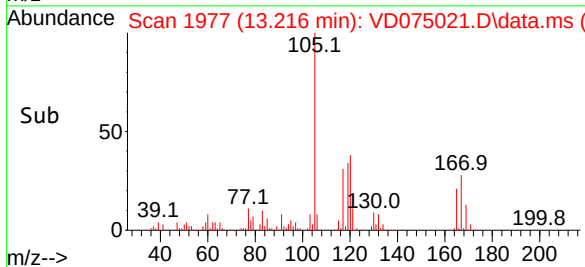
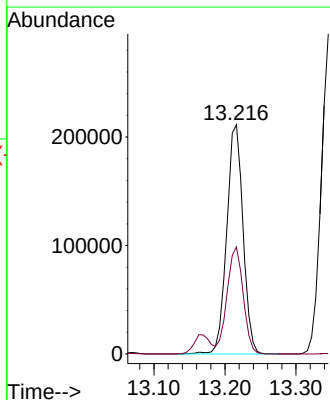
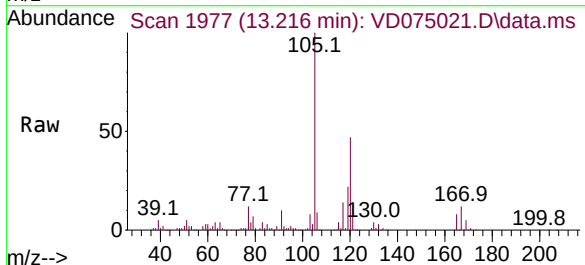
Instrument : MSVOA_D
ClientSampleId : ICVVD121422

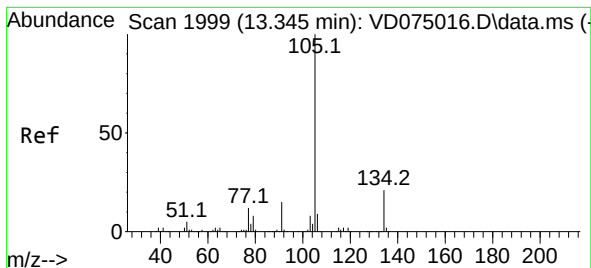
Tgt Ion:119 Resp: 296307
Ion Ratio Lower Upper
119 100
91 62.1 31.4 94.0
134 26.6 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 50.838 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion:105 Resp: 337025
Ion Ratio Lower Upper
105 100
120 46.1 23.0 69.0





#85

sec-Butylbenzene

Concen: 51.054 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

Instrument :

MSVOA_D

ClientSampleId :

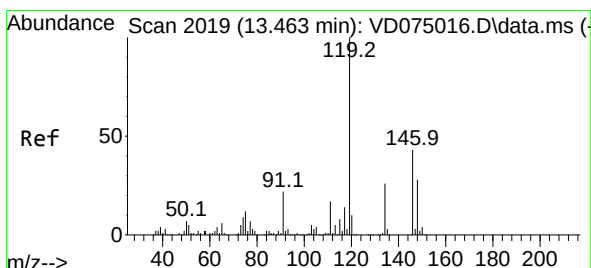
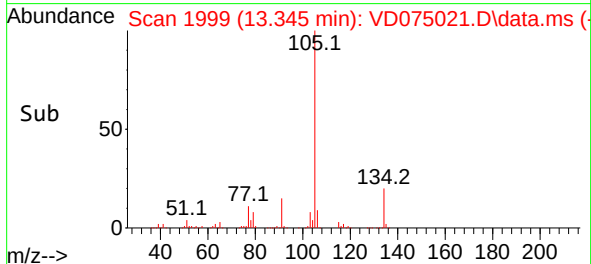
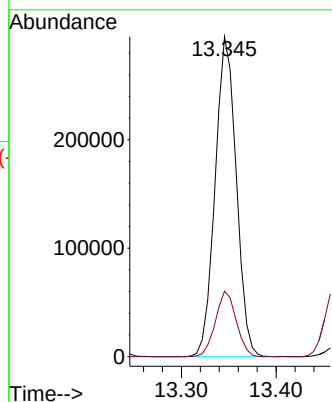
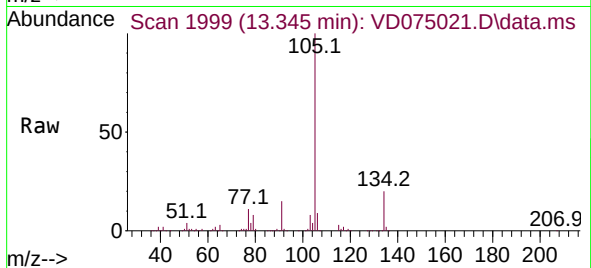
ICVVD121422

Tgt Ion:105 Resp: 457482

Ion Ratio Lower Upper

105 100

134 20.2 10.3 30.8



#86

p-Isopropyltoluene

Concen: 50.668 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

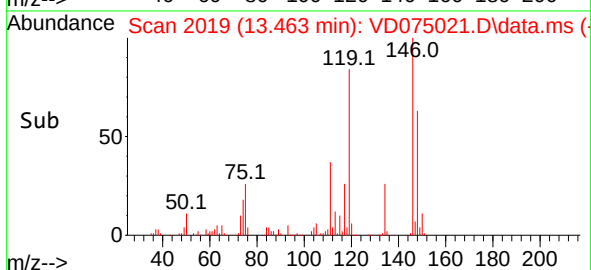
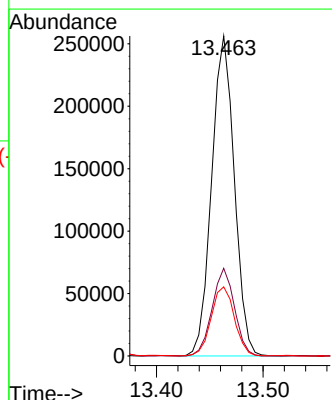
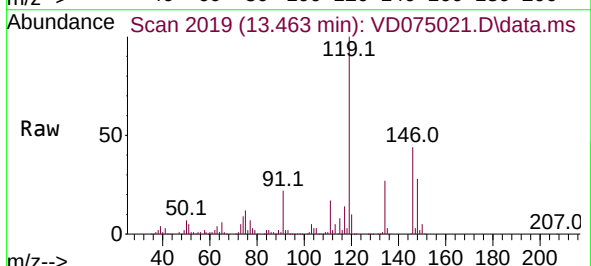
Tgt Ion:119 Resp: 378324

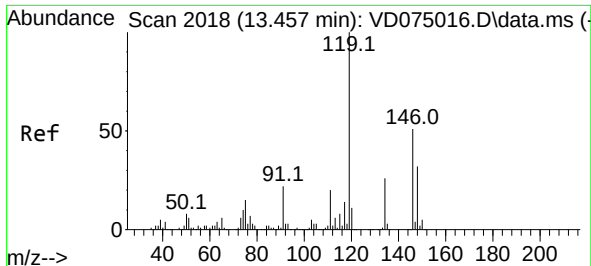
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 22.0 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 48.813 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

Instrument :

MSVOA_D

ClientSampleId :

ICVVD121422

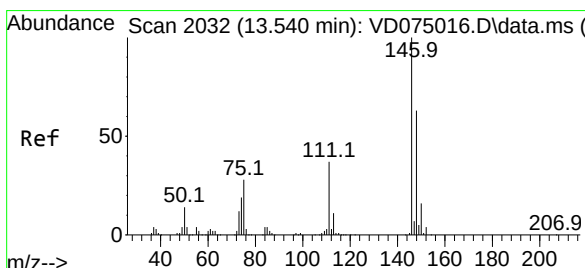
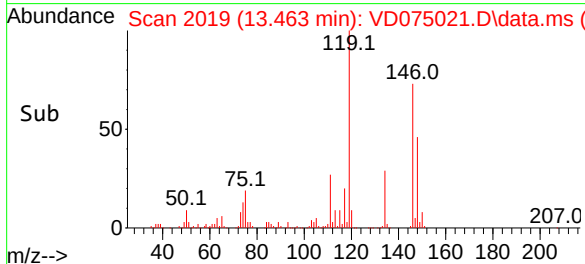
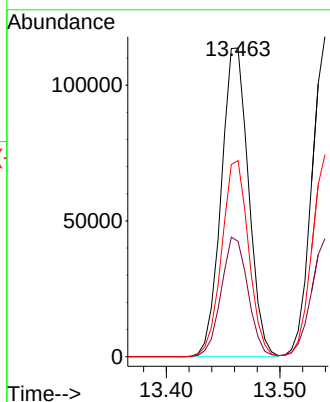
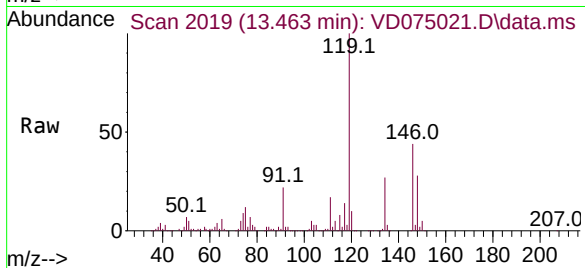
Tgt Ion:146 Resp: 189852

Ion Ratio Lower Upper

146 100

111 38.0 19.3 57.8

148 62.6 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 49.026 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

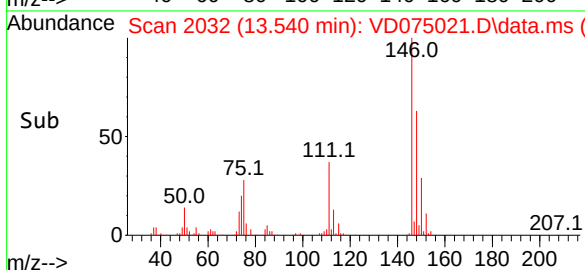
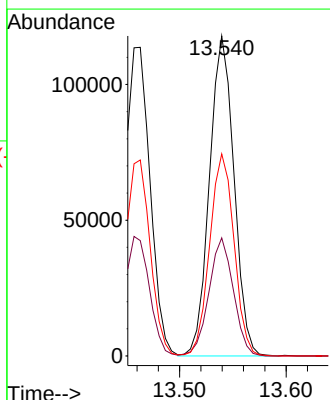
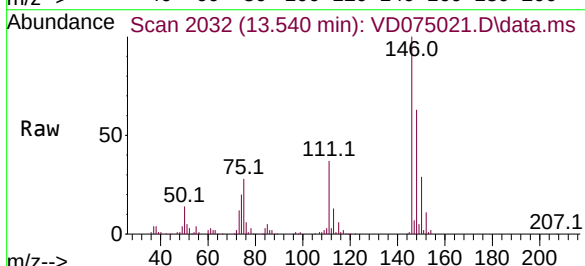
Tgt Ion:146 Resp: 188191

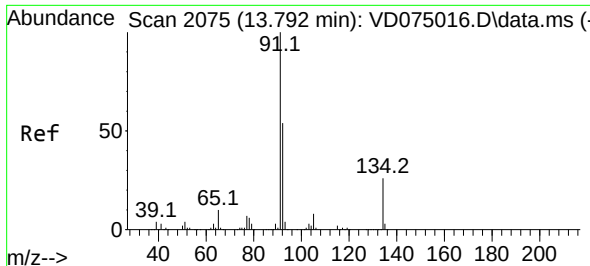
Ion Ratio Lower Upper

146 100

111 36.9 18.5 55.5

148 62.8 31.6 94.7

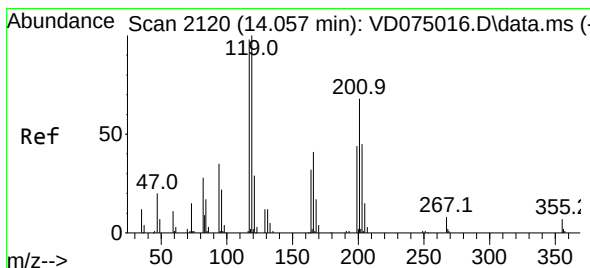
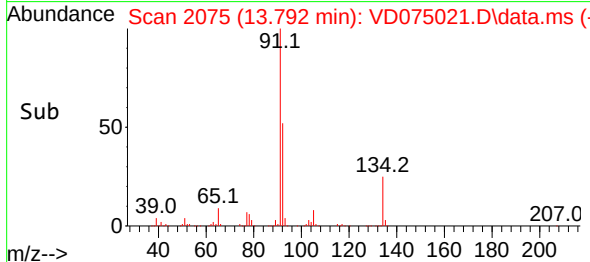
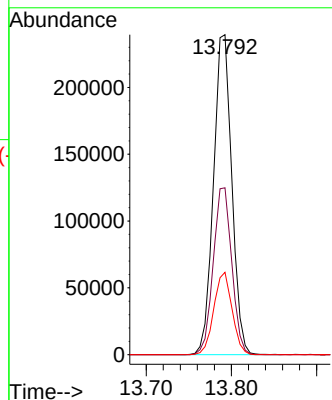
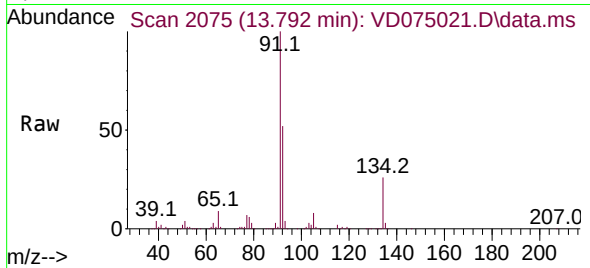




#89
n-Butylbenzene
Concen: 51.206 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

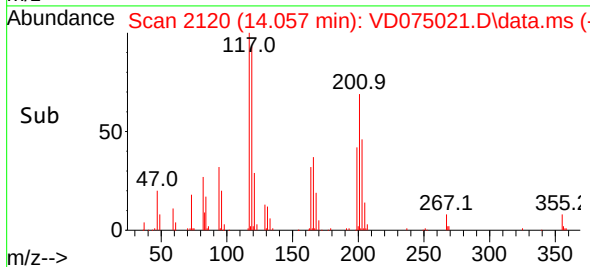
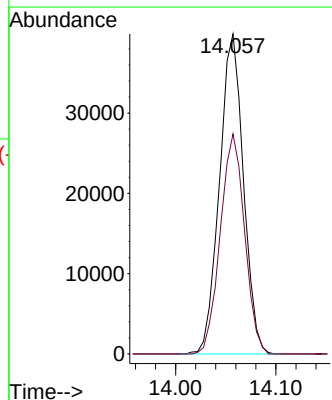
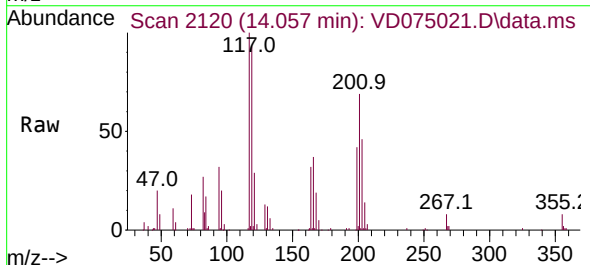
Instrument :
MSVOA_D
ClientSampleId :
ICVVD121422

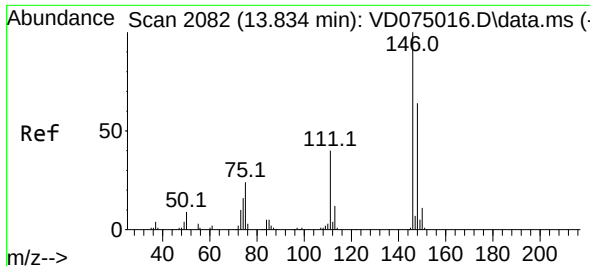
Tgt Ion: 91 Resp: 357436
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.2
134 25.7 13.1 39.3



#90
Hexachloroethane
Concen: 49.637 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion: 117 Resp: 65855
Ion Ratio Lower Upper
117 100
201 69.7 34.1 102.3





#91

1,2-Dichlorobenzene

Concen: 48.699 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

Instrument :

MSVOA_D

ClientSampleId :

ICVVD121422

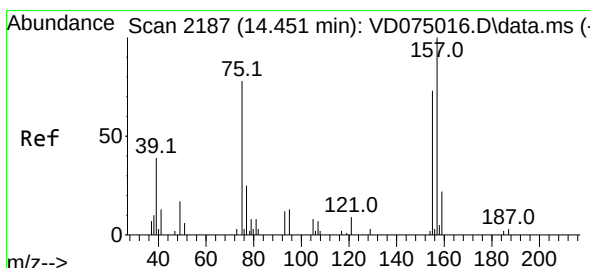
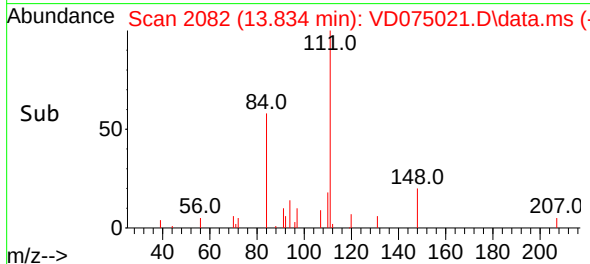
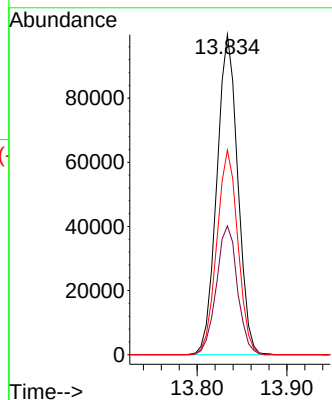
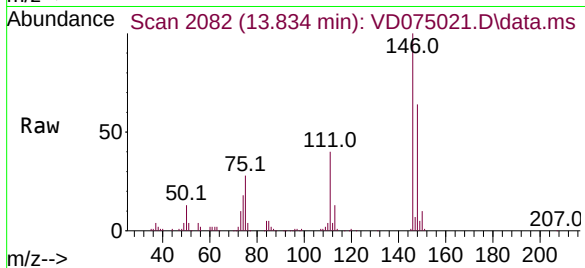
Tgt Ion:146 Resp: 161674

Ion Ratio Lower Upper

146 100

111 40.4 19.6 58.7

148 64.2 31.3 93.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.072 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD075021.D

Acq: 14 Dec 2022 15:44

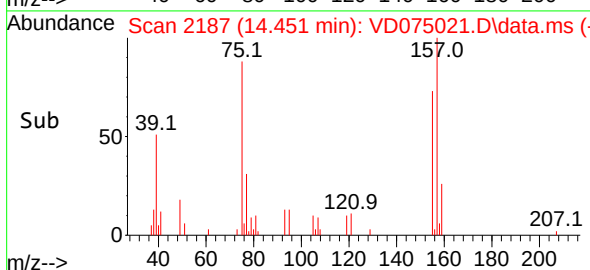
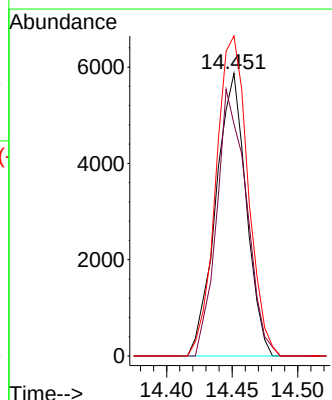
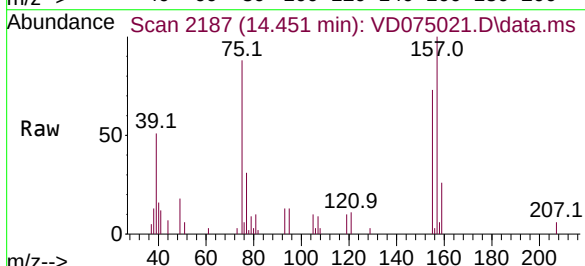
Tgt Ion: 75 Resp: 9450

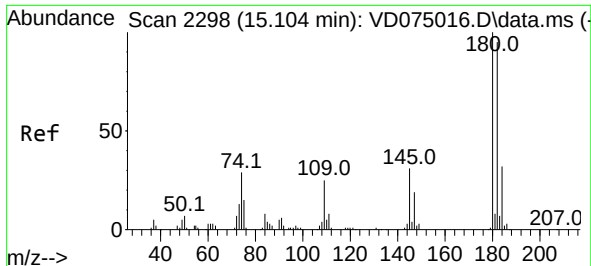
Ion Ratio Lower Upper

75 100

155 92.4 47.6 142.9

157 119.4 60.5 181.4

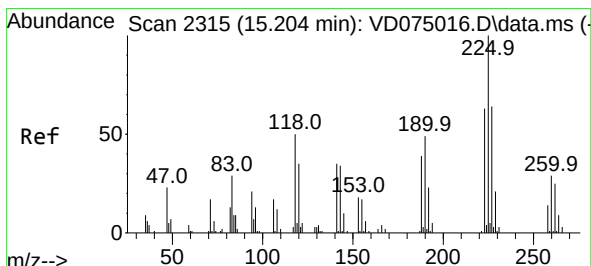
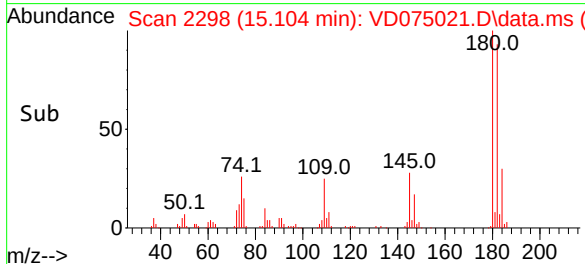
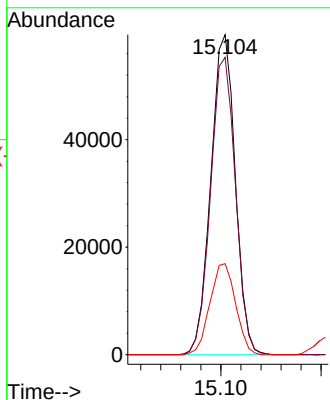
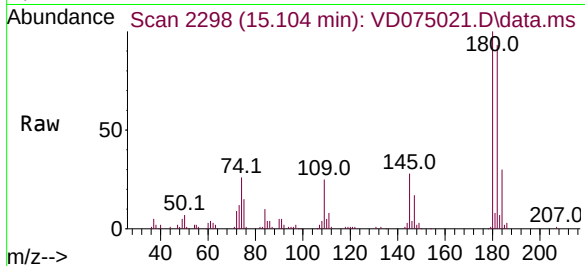




#93
1,2,4-Trichlorobenzene
Concen: 49.269 ug/l
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

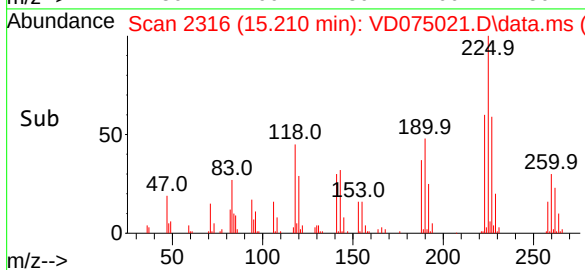
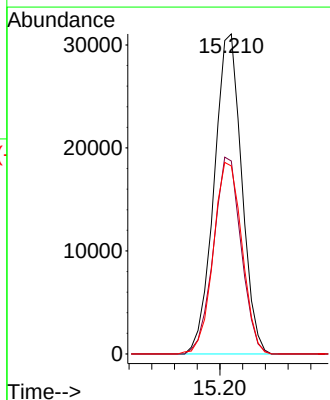
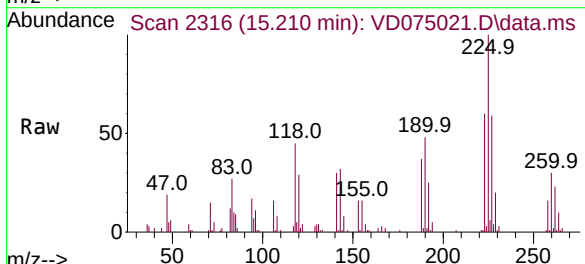
Instrument :
MSVOA_D
ClientSampleId :
ICVVD121422

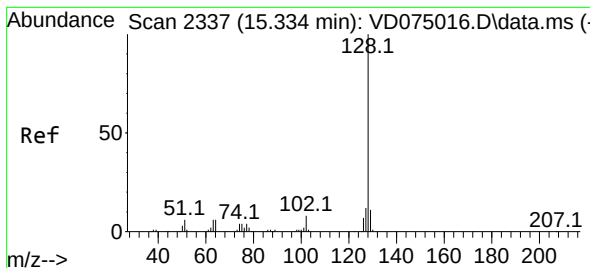
Tgt Ion:180 Resp: 100813
Ion Ratio Lower Upper
180 100
182 94.5 47.1 141.4
145 29.8 14.8 44.4



#94
Hexachlorobutadiene
Concen: 49.696 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.006 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion:225 Resp: 52362
Ion Ratio Lower Upper
225 100
223 61.7 32.3 96.9
227 62.1 31.8 95.4

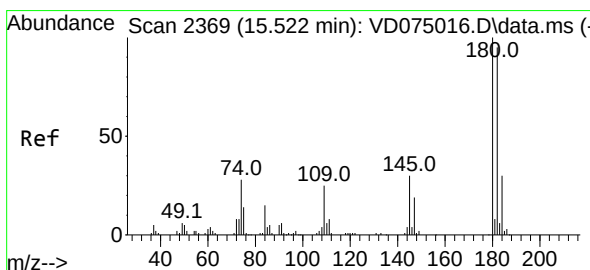
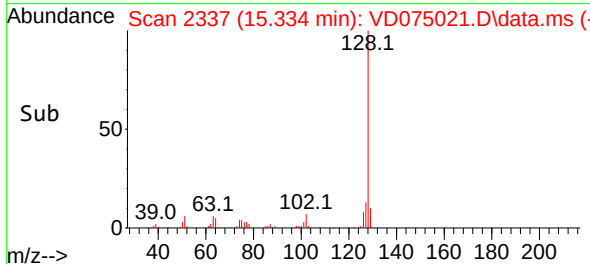
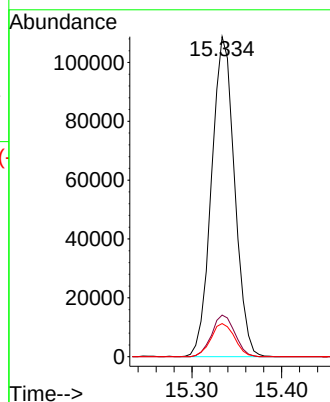
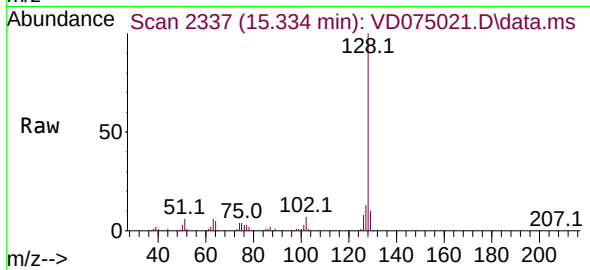




#95
Naphthalene
Concen: 50.062 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Instrument :
MSVOA_D
ClientSampleId :
ICVVD121422

Tgt Ion:128 Resp: 193743
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.434 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD075021.D
Acq: 14 Dec 2022 15:44

Tgt Ion:180 Resp: 85790
Ion Ratio Lower Upper
180 100
182 95.9 47.6 142.8
145 32.7 15.8 47.4

