

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121522\
 Data File : VD075026.D
 Acq On : 15 Dec 2022 14:09
 Operator : KP/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 16 05:02:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121522S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 16 05:00:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	198752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	288231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	258954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	120110	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	72680	44.387	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.780%
35) Dibromofluoromethane	7.810	113	105729	54.381	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.760%
50) Toluene-d8	10.269	98	359891	51.819	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.640%
62) 4-Bromofluorobenzene	12.575	95	105144	51.625	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.240%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	52215	40.860	ug/l	100
3) Chloromethane	2.146	50	84033	40.102	ug/l	100
4) Vinyl Chloride	2.281	62	110623	43.002	ug/l	100
5) Bromomethane	2.693	94	84999	40.066	ug/l	100
6) Chloroethane	2.840	64	83078	43.482	ug/l	100
7) Trichlorofluoromethane	3.175	101	138975	43.787	ug/l	100
8) Diethyl Ether	3.593	74	41797	44.491	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.969	101	94072	45.096	ug/l	100
10) Methyl Iodide	4.164	142	108299	47.939	ug/l	100
11) Tert butyl alcohol	5.063	59	21579	206.803	ug/l	100
12) 1,1-Dichloroethene	3.946	96	86800	44.338	ug/l	100
13) Acrolein	3.799	56	41941	205.204	ug/l	100
14) Allyl chloride	4.564	41	102177	45.510	ug/l	100
15) Acrylonitrile	5.258	53	89240	226.240	ug/l	100
16) Acetone	4.022	43	95265	240.657	ug/l	100
17) Carbon Disulfide	4.275	76	196157	43.471	ug/l	100
18) Methyl Acetate	4.564	43	40041	36.414	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	191904	45.872	ug/l	100
20) Methylene Chloride	4.805	84	118618	27.413	ug/l	100
21) trans-1,2-Dichloroethene	5.322	96	98901	45.478	ug/l	100
22) Diisopropyl ether	6.216	45	243323	48.098	ug/l	100
23) Vinyl Acetate	6.158	43	481718	271.939	ug/l	100
24) 1,1-Dichloroethane	6.116	63	167245	45.341	ug/l	100
25) 2-Butanone	7.081	43	111653	228.549	ug/l	100
26) 2,2-Dichloropropane	7.081	77	151871	45.166	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	117507	45.632	ug/l	100
28) Bromochloromethane	7.428	49	51634	45.149	ug/l	100
29) Tetrahydrofuran	7.446	42	59777	236.593	ug/l	100
30) Chloroform	7.599	83	183149	47.806	ug/l	100
31) Cyclohexane	7.881	56	116481	46.267	ug/l	100
32) 1,1,1-Trichloroethane	7.799	97	158704	48.870	ug/l	100
36) 1,1-Dichloropropene	8.010	75	108103	49.385	ug/l	100
37) Ethyl Acetate	7.169	43	44479	51.209	ug/l	100
38) Carbon Tetrachloride	7.993	117	101390	51.209	ug/l	100
39) Methylcyclohexane	9.275	83	123052	51.573	ug/l	100
40) Benzene	8.252	78	327727	50.626	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	26717	55.690	ug/l	100
42) 1,2-Dichloroethane	8.328	62	78799	49.370	ug/l	100
43) Isopropyl Acetate	8.363	43	72350	49.635	ug/l	100
44) Trichloroethene	9.028	130	89317	49.281	ug/l	100
45) 1,2-Dichloropropane	9.304	63	80825	50.007	ug/l	100
46) Dibromomethane	9.399	93	44156	49.788	ug/l	100
47) Bromodichloromethane	9.587	83	112438	49.743	ug/l	100
48) Methyl methacrylate	9.381	41	33797	49.767	ug/l	100
49) 1,4-Dioxane	9.387	88	9224	1057.627	ug/l	100
51) 4-Methyl-2-Pentanone	10.163	43	195916	258.050	ug/l	100
52) Toluene	10.334	92	219316	51.570	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	100453	51.015	ug/l	100
54) cis-1,3-Dichloropropene	10.022	75	124433	50.912	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	64480	50.464	ug/l	100
56) Ethyl methacrylate	10.598	69	74263	52.681	ug/l	100
57) 1,3-Dichloropropane	10.881	76	104784	50.384	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	118505	256.659	ug/l	100
59) 2-Hexanone	10.922	43	146068	267.171	ug/l	100
60) Dibromochloromethane	11.075	129	75238	50.312	ug/l	100
61) 1,2-Dibromoethane	11.181	107	57758	49.725	ug/l	100
64) Tetrachloroethene	10.810	164	74903	49.064	ug/l	100
65) Chlorobenzene	11.610	112	234417	50.237	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	83235	49.758	ug/l	100
67) Ethyl Benzene	11.687	91	425416	52.354	ug/l	100
68) m/p-Xylenes	11.798	106	333336	104.906	ug/l	100
69) o-Xylene	12.122	106	157697	52.767	ug/l	100
70) Styrene	12.140	104	274281	53.071	ug/l	100
71) Bromoform	12.304	173	43011	50.424	ug/l #	100
73) Isopropylbenzene	12.422	105	422197	53.714	ug/l	100
74) N-amyl acetate	12.234	43	70535	52.639	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.675	83	71333	49.731	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	82847	54.616	ug/l #	100
77) Bromobenzene	12.704	156	92351	51.589	ug/l	100
78) n-propylbenzene	12.763	91	517736	53.884	ug/l	100
79) 2-Chlorotoluene	12.851	91	278052	52.535	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	346085	53.040	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	19188	51.353	ug/l	100
82) 4-Chlorotoluene	12.951	91	285185	52.054	ug/l	100
83) tert-Butylbenzene	13.169	119	299631	53.203	ug/l	100
84) 1,2,4-Trimethylbenzene	13.216	105	345429	53.414	ug/l	100
85) sec-Butylbenzene	13.345	105	468729	53.368	ug/l	100
86) p-Isopropyltoluene	13.463	119	385740	53.176	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	194360	51.171	ug/l	100
88) 1,4-Dichlorobenzene	13.539	146	187791	50.292	ug/l	100
89) n-Butylbenzene	13.792	91	361368	53.116	ug/l	100
90) Hexachloroethane	14.057	117	67730	51.939	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	166261	51.040	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9730	50.919	ug/l	100
93) 1,2,4-Trichlorobenzene	15.104	180	101597	51.674	ug/l	100
94) Hexachlorobutadiene	15.210	225	54873	52.588	ug/l	100
95) Naphthalene	15.334	128	190692	52.046	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	88975	51.713	ug/l	100

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QLast Update : Fri Dec 16 05:00:18 2022
Response via : Initial Calibration

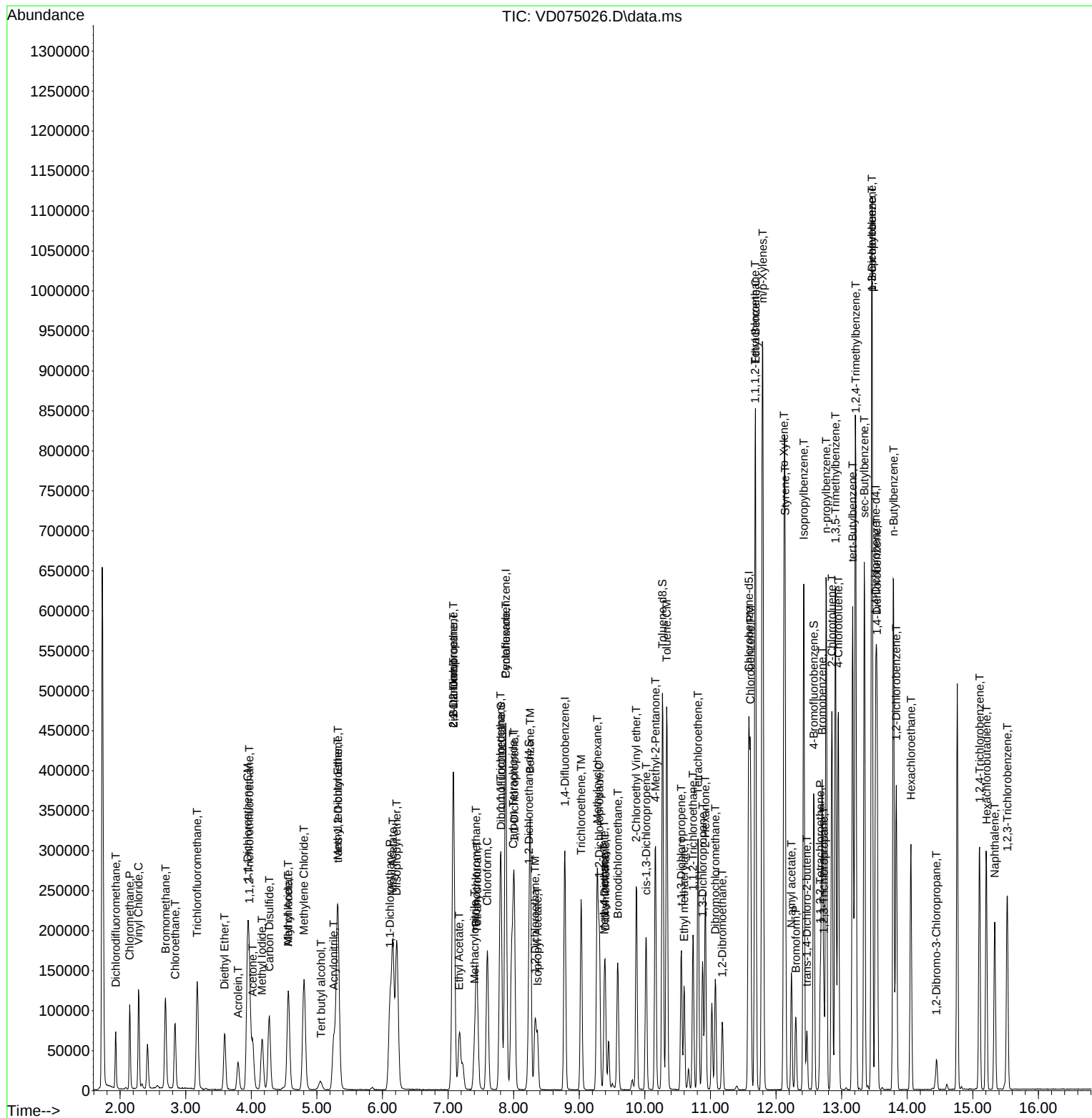
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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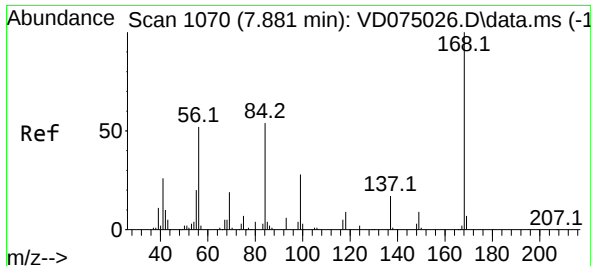
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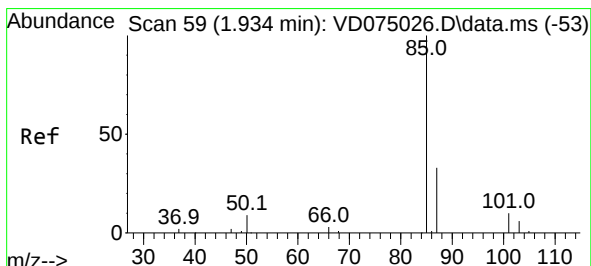
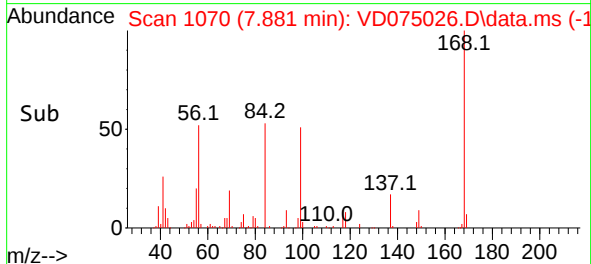
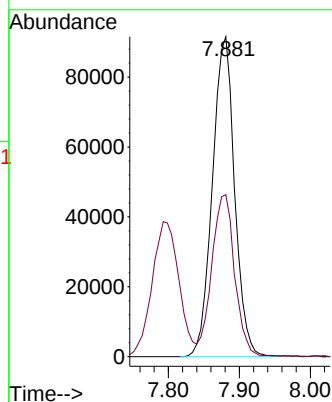
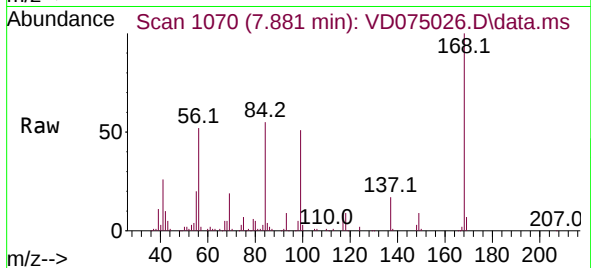




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075026.D
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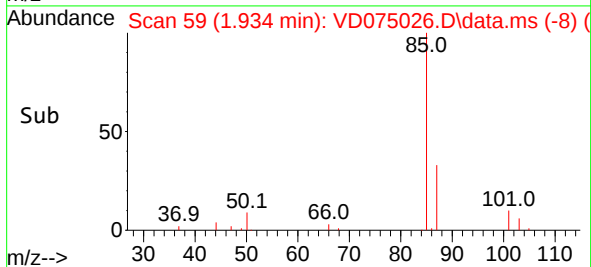
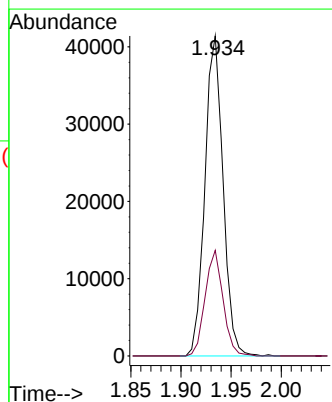
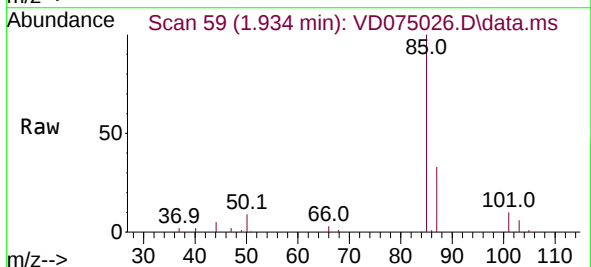
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

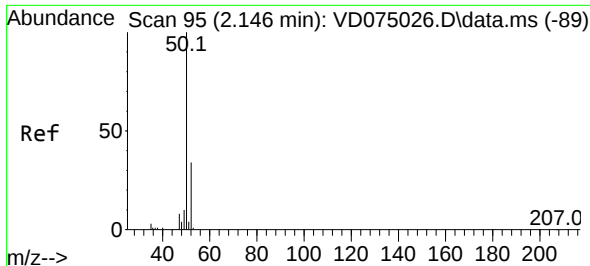
Tgt Ion:168 Resp: 198752
Ion Ratio Lower Upper
168 100
99 50.4 40.3 60.5



#2
Dichlorodifluoromethane
Concen: 40.860 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion: 85 Resp: 52215
Ion Ratio Lower Upper
85 100
87 33.0 16.5 49.5

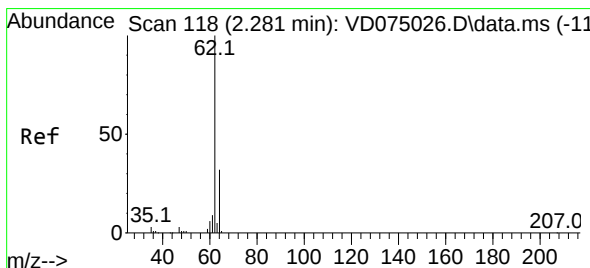
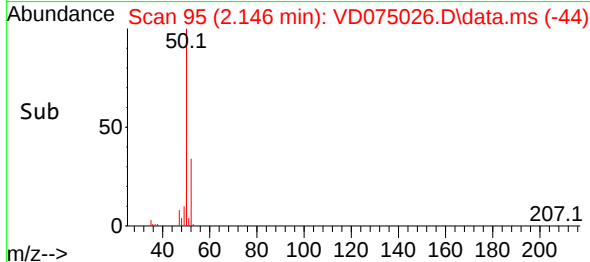
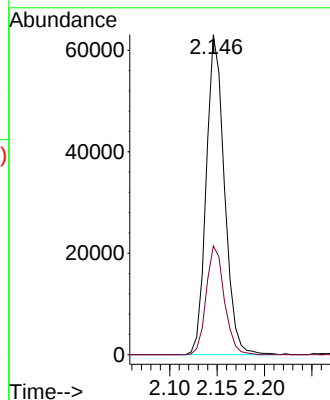
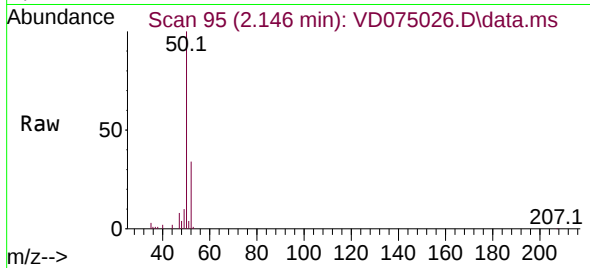




#3
Chloromethane
Concen: 40.102 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

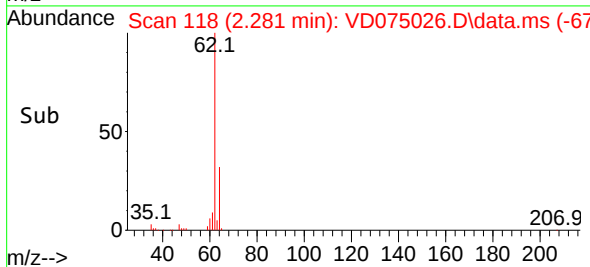
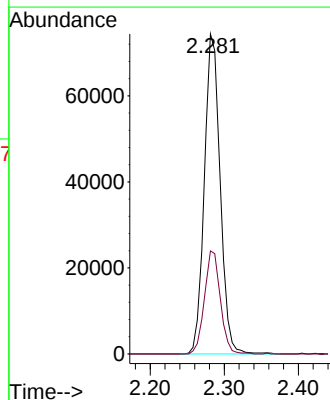
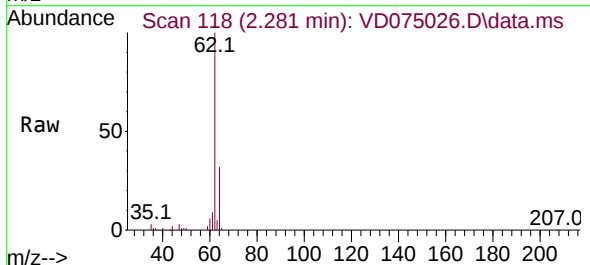
Instrument :
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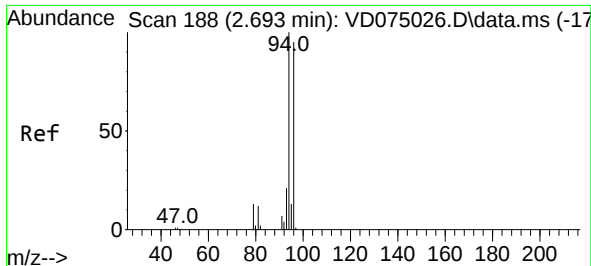
Tgt Ion: 50 Resp: 84033
Ion Ratio Lower Upper
50 100
52 34.0 27.2 40.8



#4
Vinyl Chloride
Concen: 43.002 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion: 62 Resp: 110623
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6

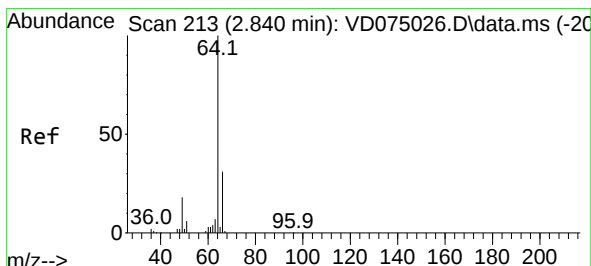
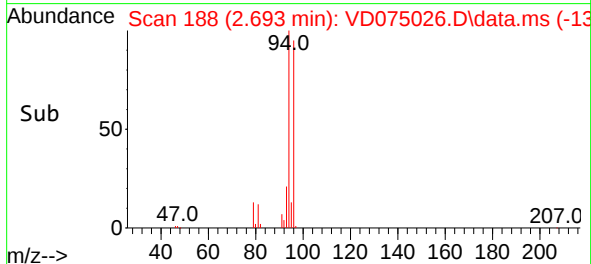
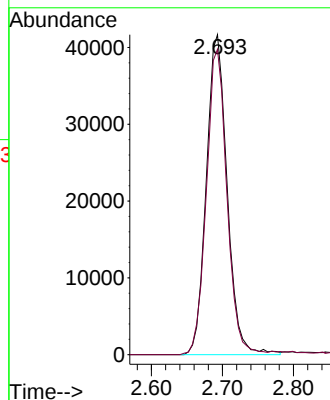
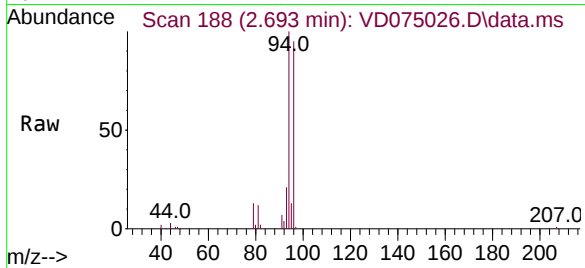




#5
Bromomethane
Concen: 40.066 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

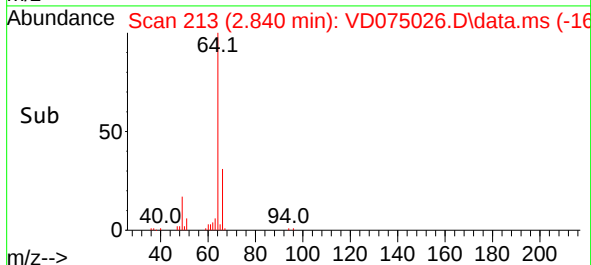
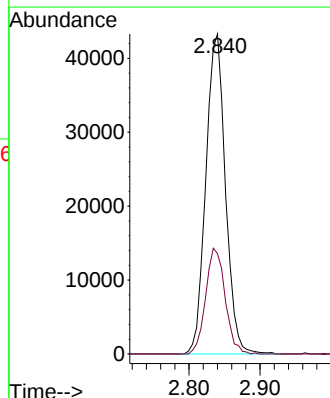
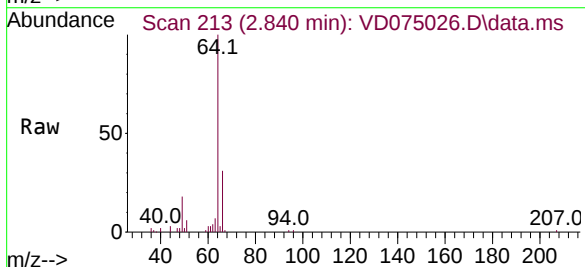
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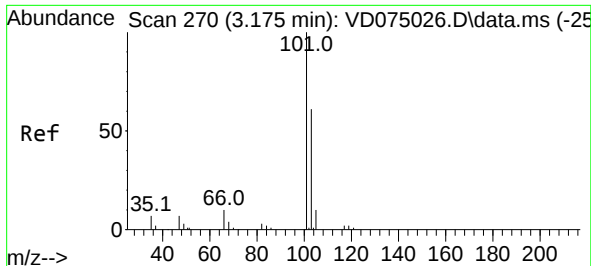
Tgt Ion: 94 Resp: 84999
Ion Ratio Lower Upper
94 100
96 94.0 75.2 112.8



#6
Chloroethane
Concen: 43.482 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion: 64 Resp: 83078
Ion Ratio Lower Upper
64 100
66 31.4 25.1 37.7

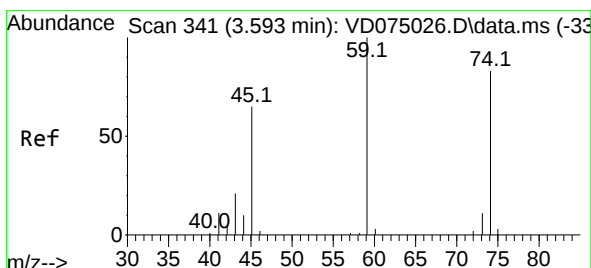
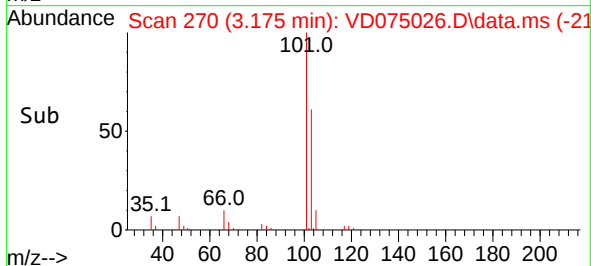
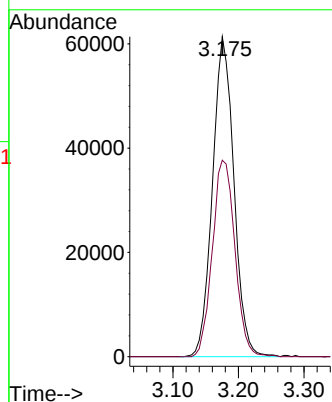
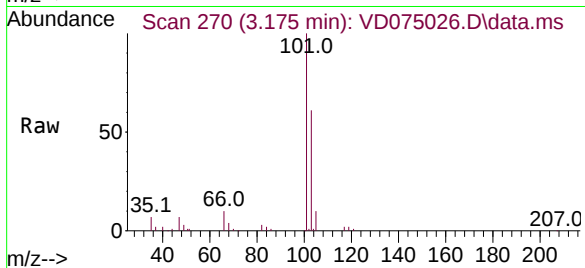




#7
 Trichlorofluoromethane
 Concen: 43.787 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD075026.D
 Acq: 15 Dec 2022 14:09

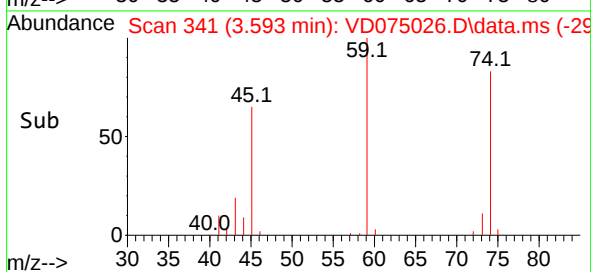
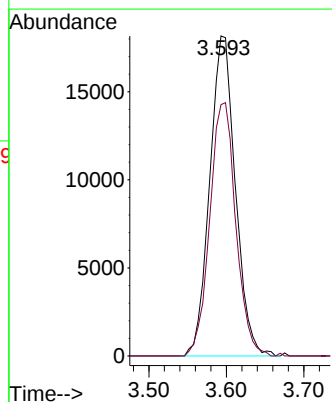
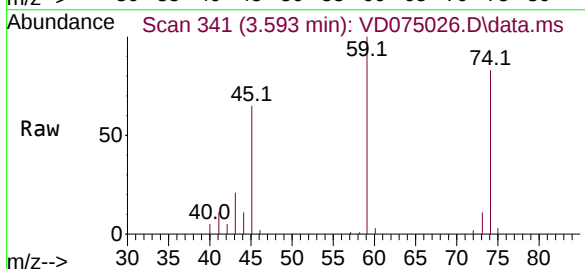
Instrument :
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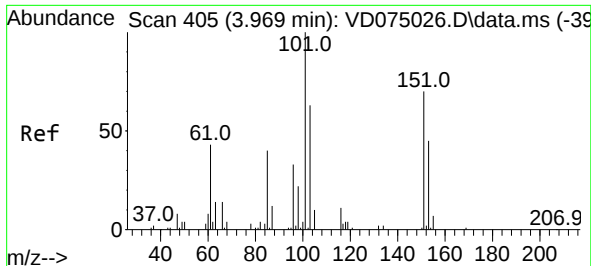
Tgt Ion:101 Resp: 138975
 Ion Ratio Lower Upper
 101 100
 103 61.4 49.1 73.7



#8
 Diethyl Ether
 Concen: 44.491 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD075026.D
 Acq: 15 Dec 2022 14:09

Tgt Ion: 74 Resp: 41797
 Ion Ratio Lower Upper
 74 100
 45 80.3 40.2 120.5

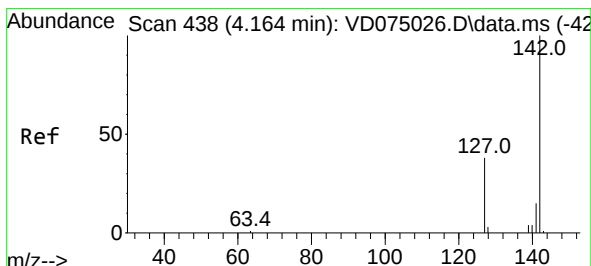
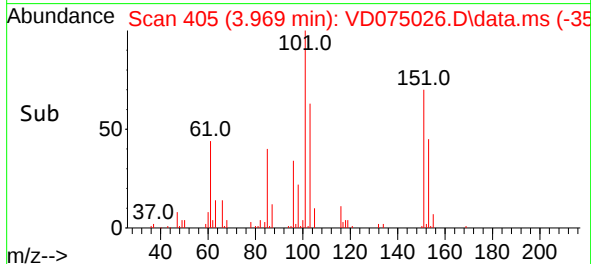
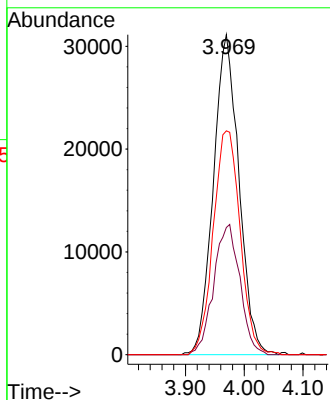
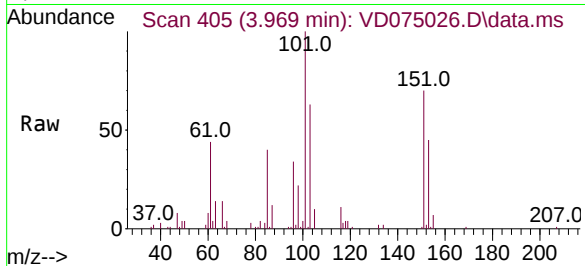




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.096 ug/l
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD075026.D
 Acq: 15 Dec 2022 14:09

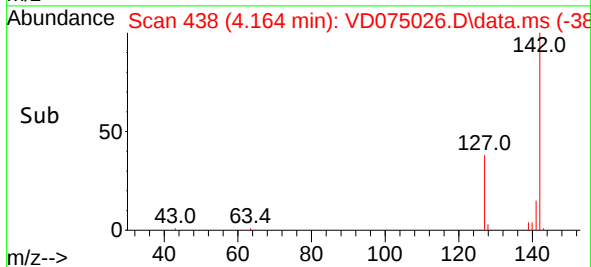
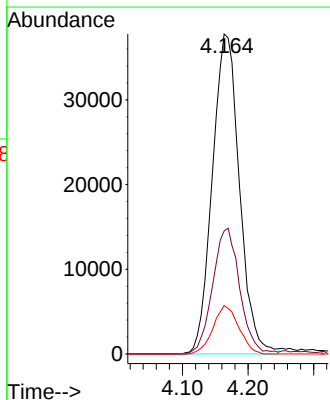
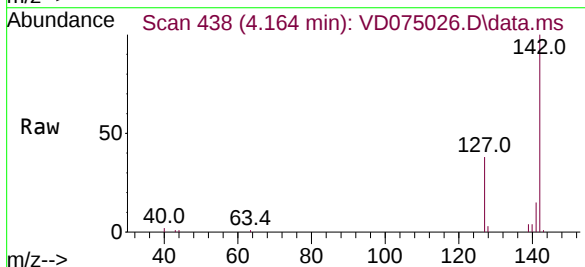
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

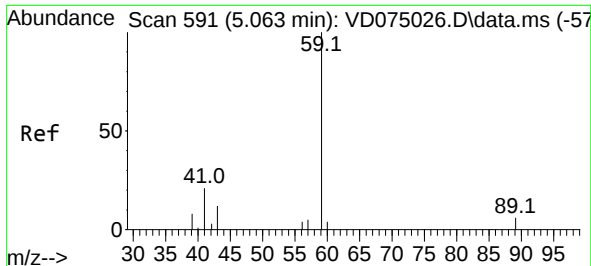
Tgt Ion:101	Resp:	94072
Ion	Ratio	Lower Upper
101	100	
85	41.7	33.4 50.0
151	73.6	58.9 88.3



#10
 Methyl Iodide
 Concen: 47.939 ug/l
 RT: 4.164 min Scan# 438
 Delta R.T. 0.000 min
 Lab File: VD075026.D
 Acq: 15 Dec 2022 14:09

Tgt Ion:142	Resp:	108299
Ion	Ratio	Lower Upper
142	100	
127	39.3	31.4 47.2
141	14.3	11.4 17.2

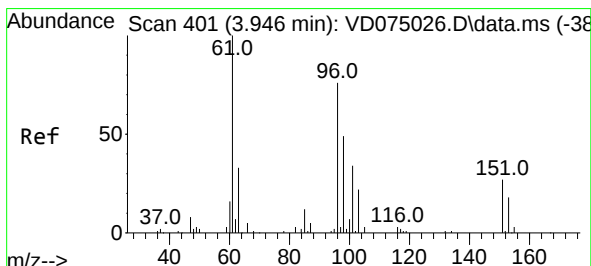
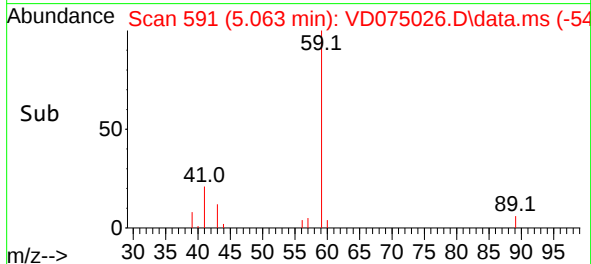
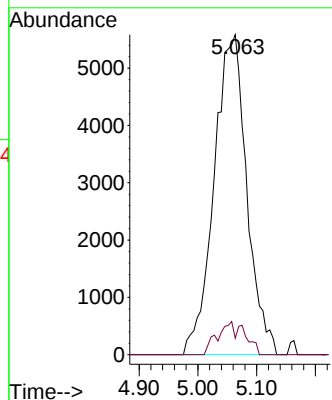
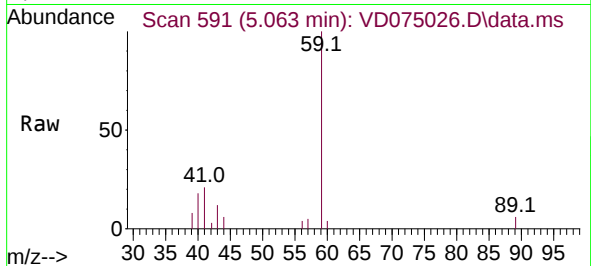




#11
Tert butyl alcohol
Concen: 206.803 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

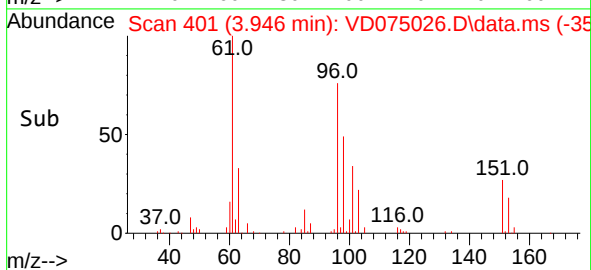
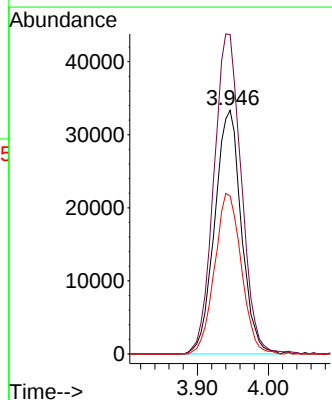
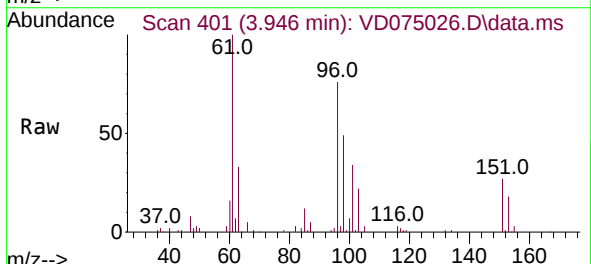
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

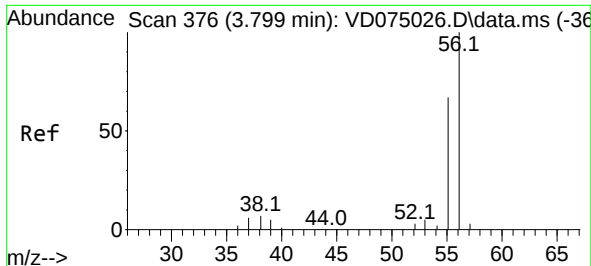
Tgt Ion: 59 Resp: 21579
Ion Ratio Lower Upper
59 100
57 5.4 4.3 6.5



#12
1,1-Dichloroethene
Concen: 44.338 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion: 96 Resp: 86800
Ion Ratio Lower Upper
96 100
61 131.1 104.9 157.3
98 64.8 51.8 77.8

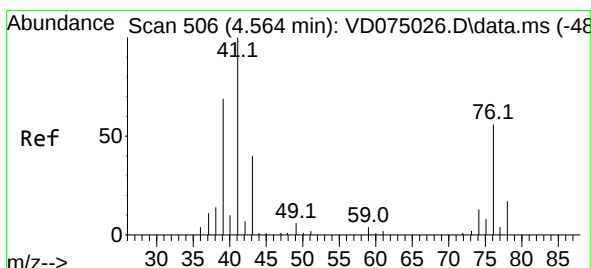
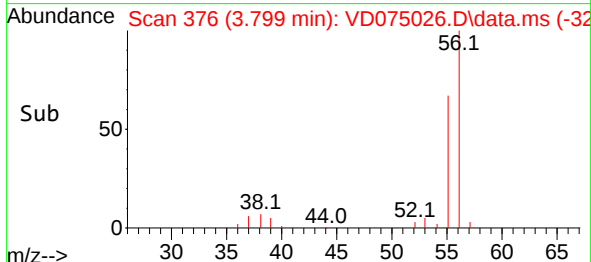
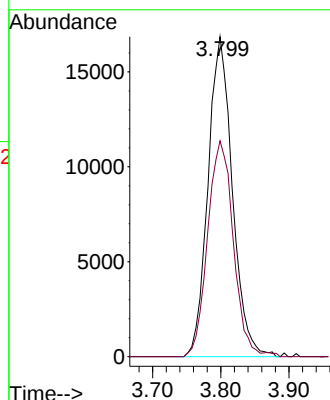
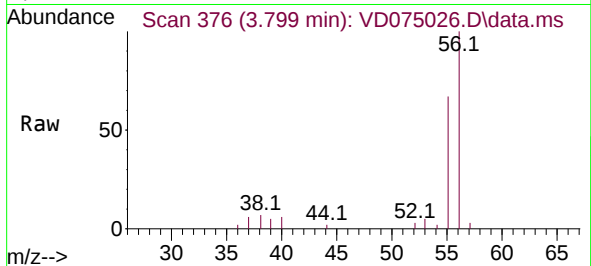




#13
Acrolein
Concen: 205.204 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

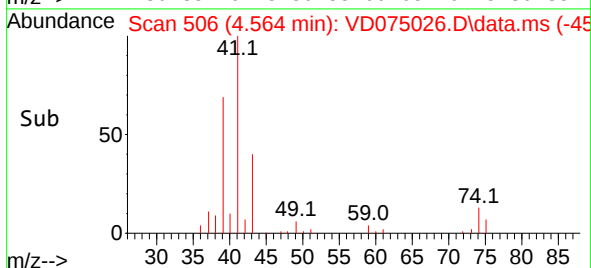
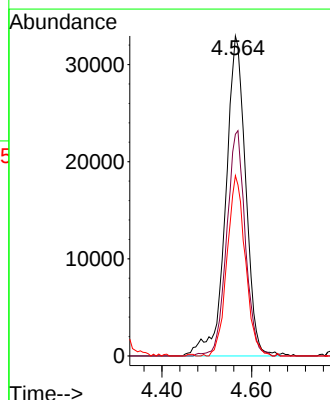
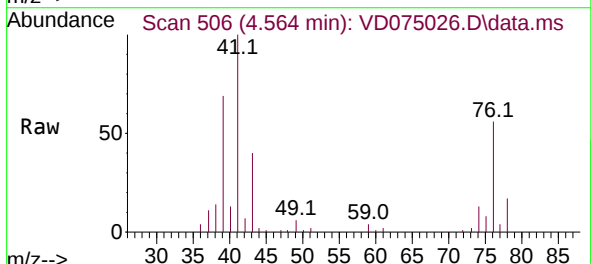
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

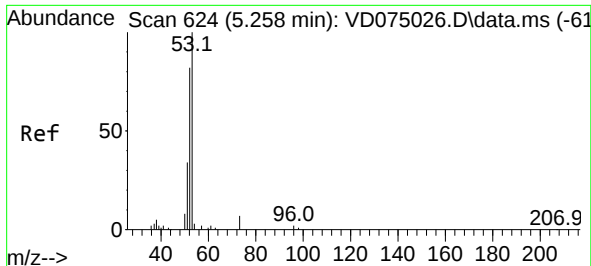
Tgt Ion: 56 Resp: 41941
Ion Ratio Lower Upper
56 100
55 70.7 56.6 84.8



#14
Allyl chloride
Concen: 45.510 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion: 41 Resp: 102177
Ion Ratio Lower Upper
41 100
39 65.6 52.5 78.7
76 51.4 41.1 61.7

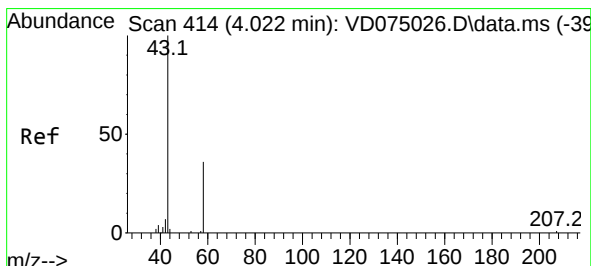
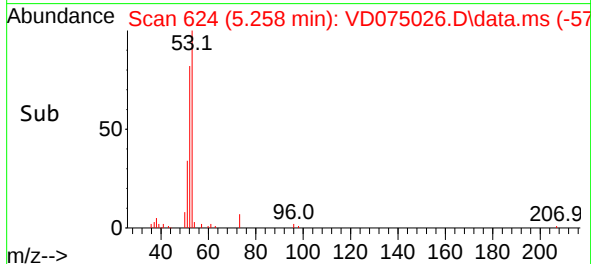
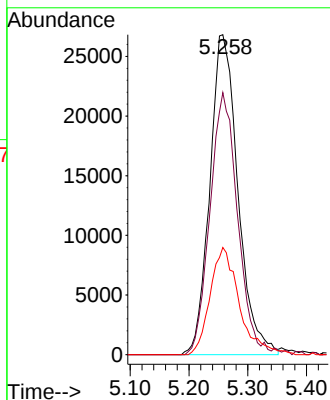
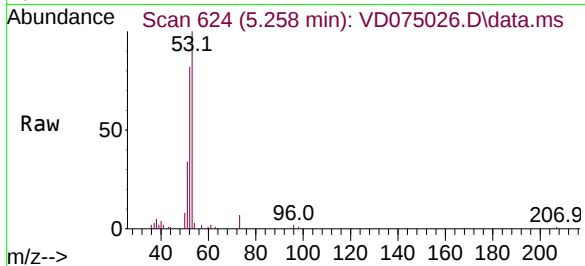




#15
Acrylonitrile
Concen: 226.240 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

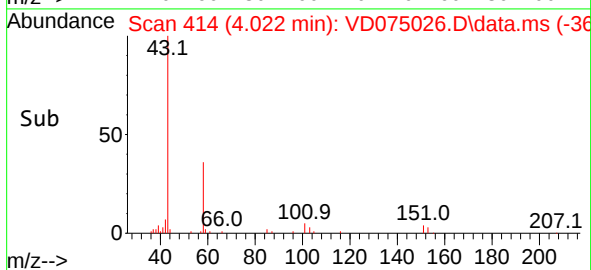
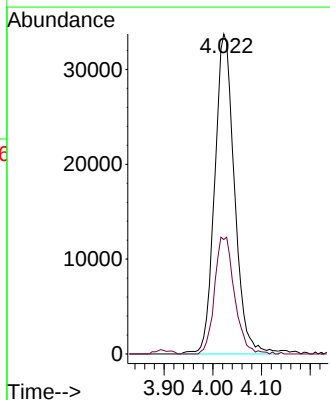
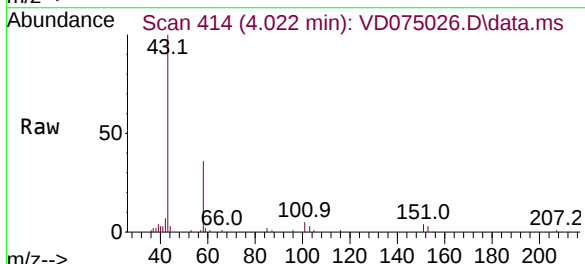
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

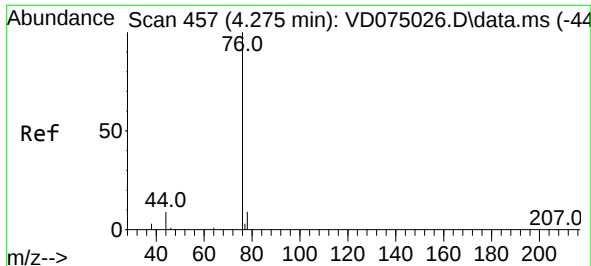
Tgt Ion: 53	Resp: 89240
Ion Ratio	Lower Upper
53 100	
52 80.0	64.0 96.0
51 34.8	27.8 41.8



#16
Acetone
Concen: 240.657 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion: 43	Resp: 95265
Ion Ratio	Lower Upper
43 100	
58 35.8	28.6 43.0

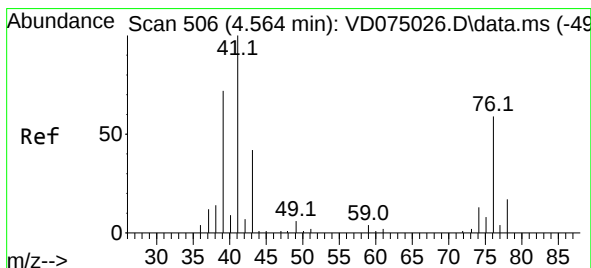
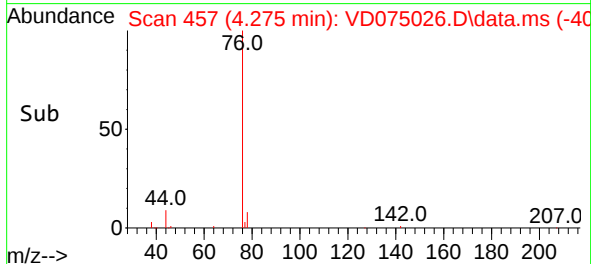
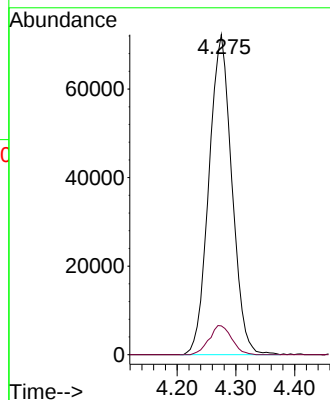
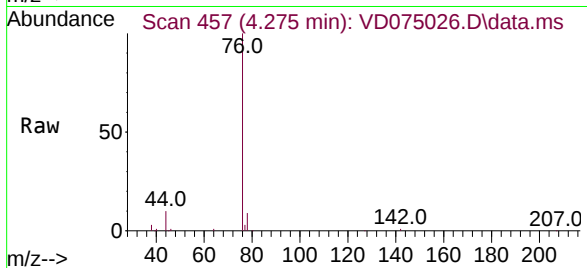




#17
Carbon Disulfide
Concen: 43.471 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

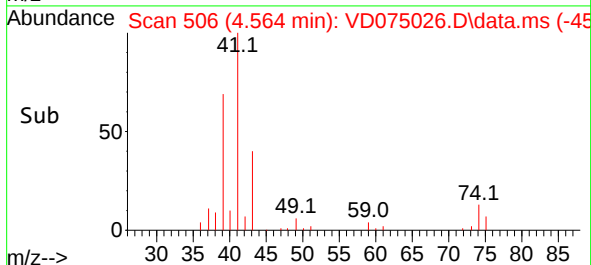
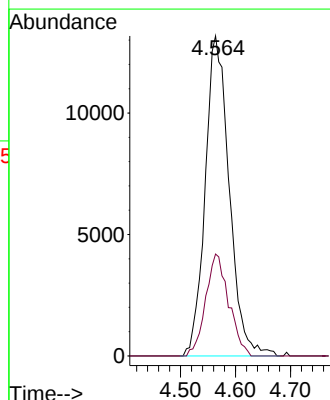
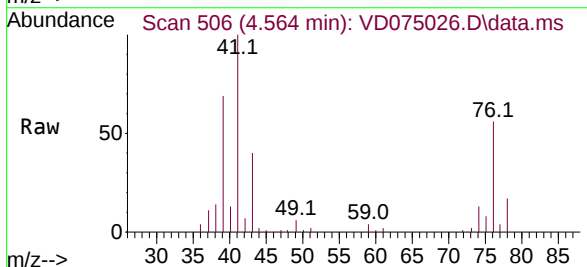
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

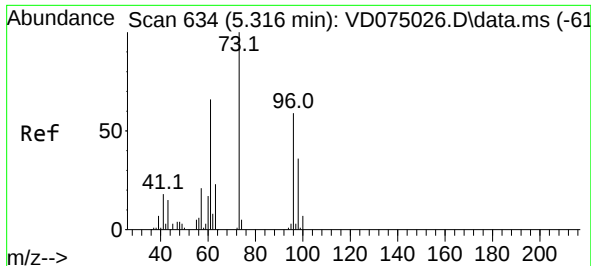
Tgt Ion: 76 Resp: 196157
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 36.414 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion: 43 Resp: 40041
Ion Ratio Lower Upper
43 100
74 30.6 24.5 36.7





#19

Methyl tert-butyl Ether

Concen: 45.872 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

Instrument :

MSVOA_D

ClientSampleId :

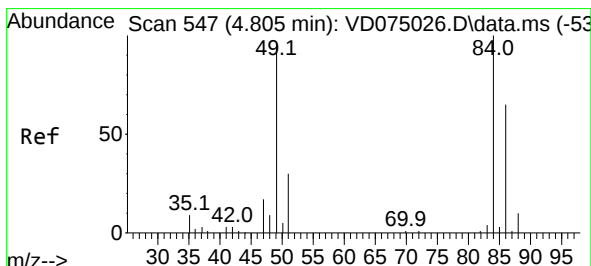
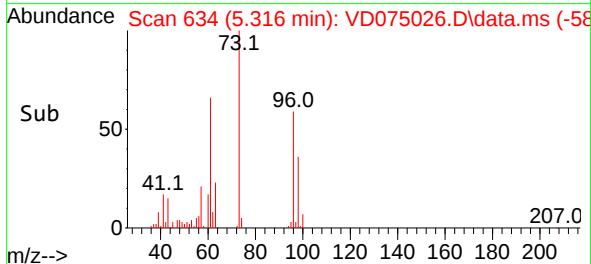
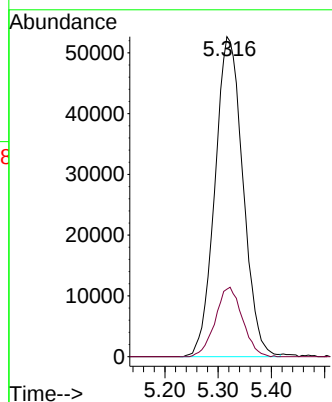
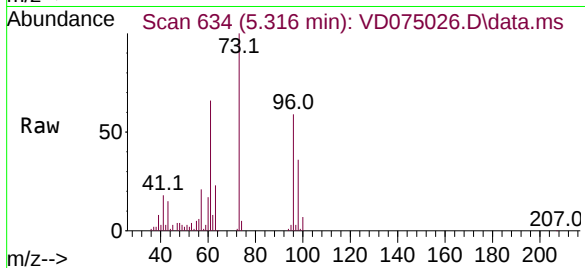
VSTDICCC050

Tgt Ion: 73 Resp: 191904

Ion Ratio Lower Upper

73 100

57 21.1 16.9 25.3



#20

Methylene Chloride

Concen: 27.413 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

Tgt Ion: 84 Resp: 118618

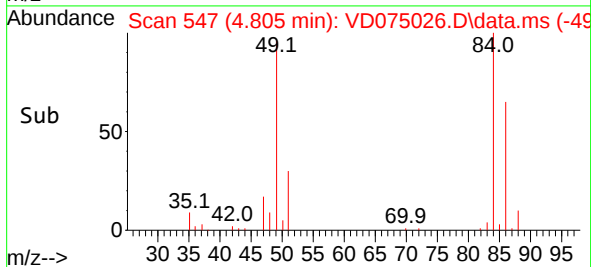
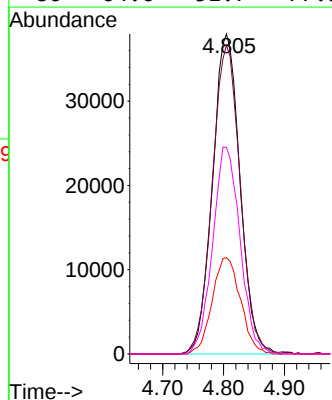
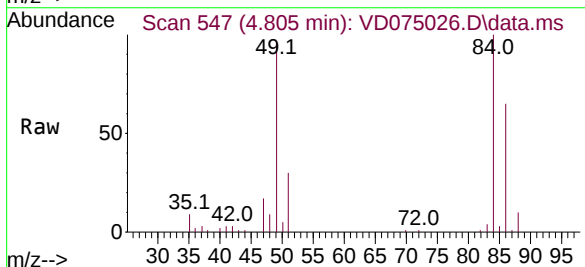
Ion Ratio Lower Upper

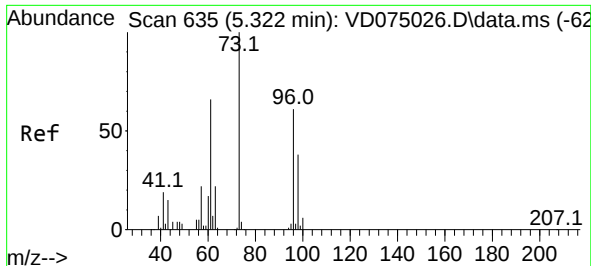
84 100

49 96.5 77.2 115.8

51 30.1 24.1 36.1

86 64.6 51.7 77.5

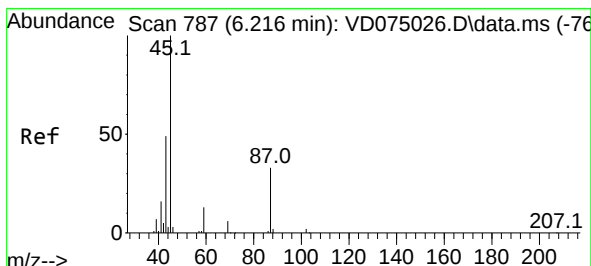
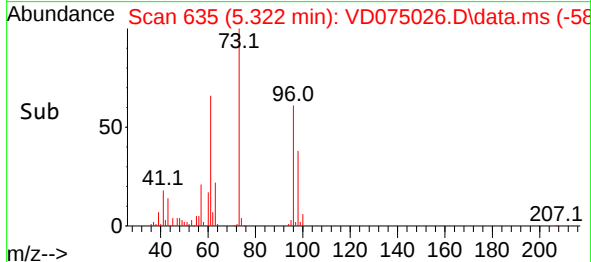
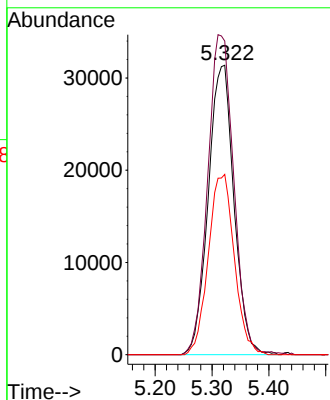
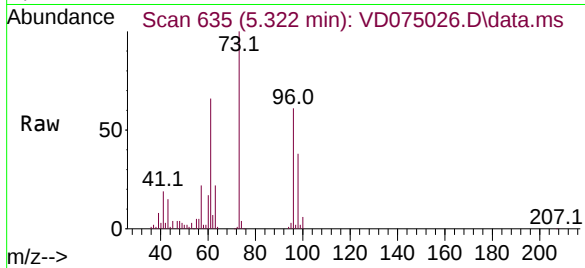




#21
trans-1,2-Dichloroethene
Concen: 45.478 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

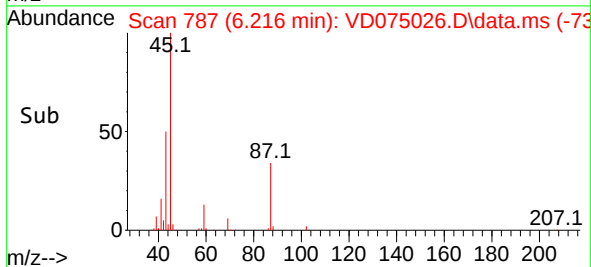
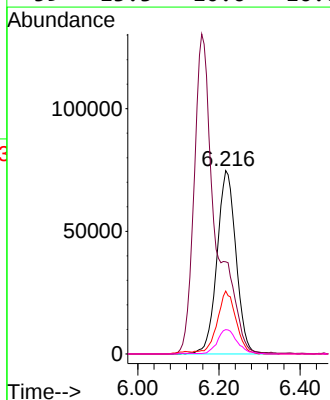
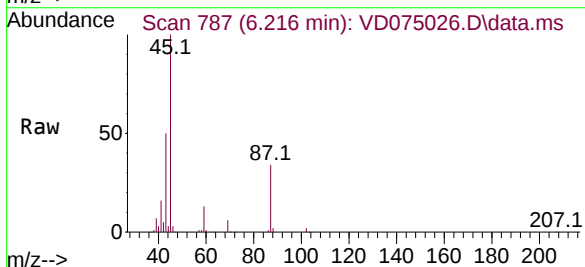
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

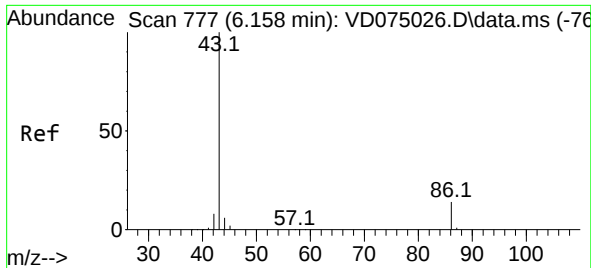
Tgt Ion: 96 Resp: 98901
Ion Ratio Lower Upper
96 100
61 108.4 86.7 130.1
98 62.3 49.8 74.8



#22
Diisopropyl ether
Concen: 48.098 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion: 45 Resp: 243323
Ion Ratio Lower Upper
45 100
43 49.8 39.8 59.8
87 34.4 27.5 41.3
59 13.3 10.6 16.0

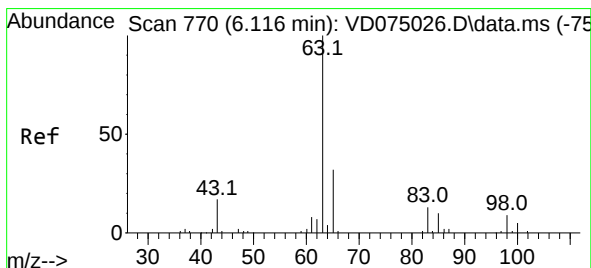
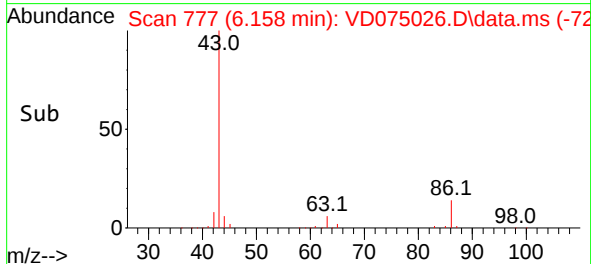
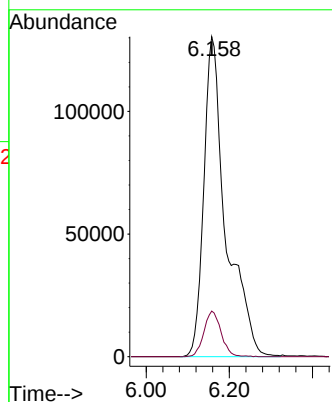
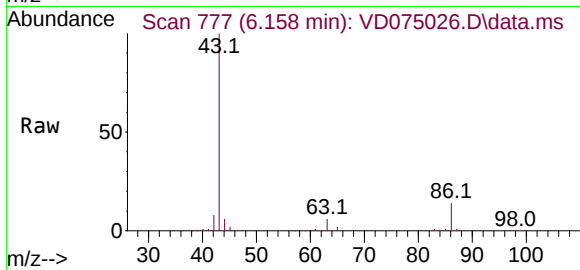




#23
 Vinyl Acetate
 Concen: 271.939 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD075026.D
 Acq: 15 Dec 2022 14:09

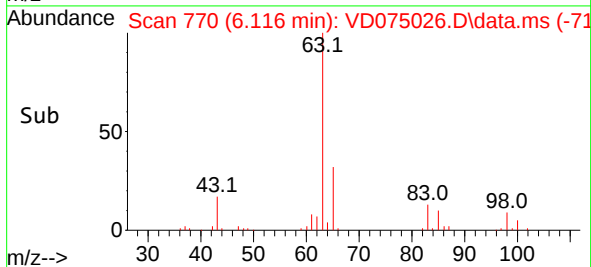
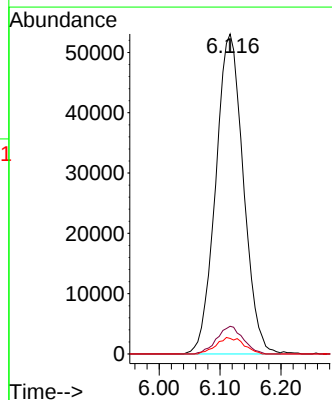
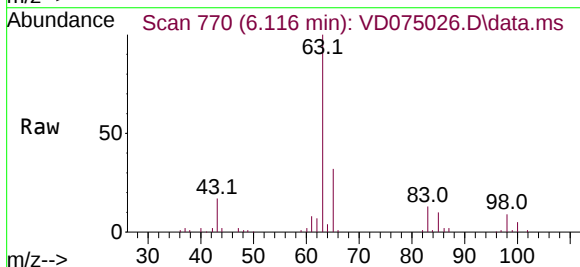
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

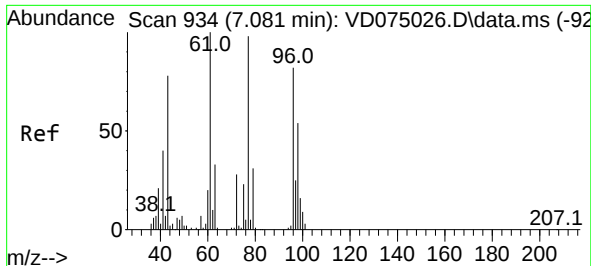
Tgt Ion: 43 Resp: 481718
 Ion Ratio Lower Upper
 43 100
 86 14.2 11.4 17.0



#24
 1,1-Dichloroethane
 Concen: 45.341 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD075026.D
 Acq: 15 Dec 2022 14:09

Tgt Ion: 63 Resp: 167245
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.3 13.1
 100 4.9 2.5 7.4

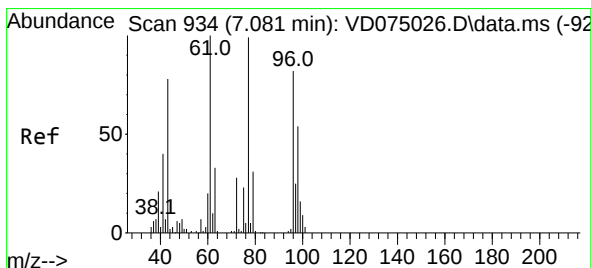
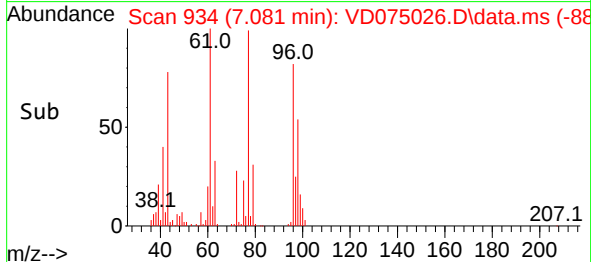
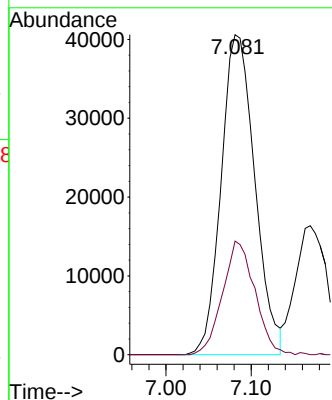
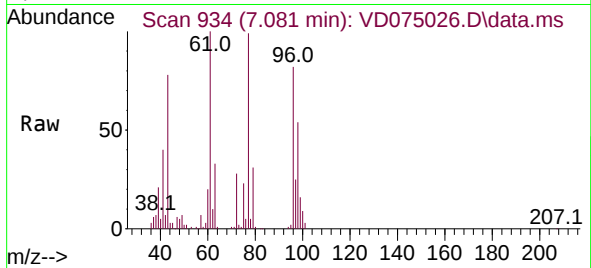




#25
2-Butanone
Concen: 228.549 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

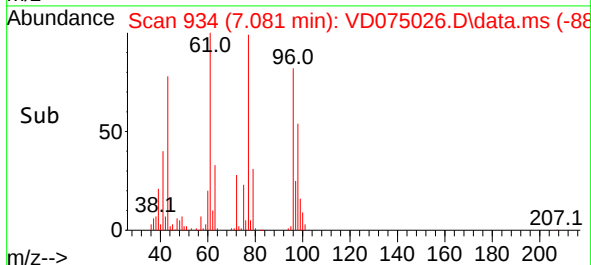
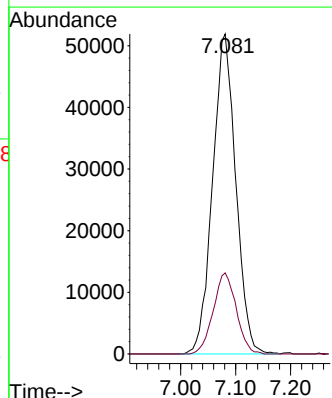
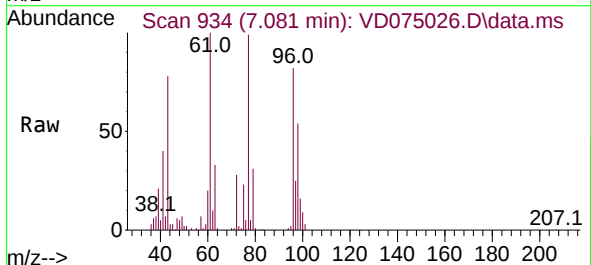
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

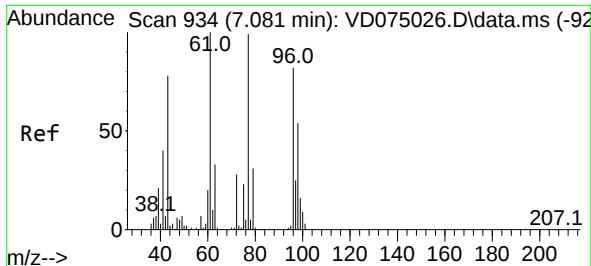
Tgt Ion: 43 Resp: 111653
Ion Ratio Lower Upper
43 100
72 35.5 28.4 42.6



#26
2,2-Dichloropropane
Concen: 45.166 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion: 77 Resp: 151871
Ion Ratio Lower Upper
77 100
97 25.1 12.6 37.6





#27

cis-1,2-Dichloroethene

Concen: 45.632 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

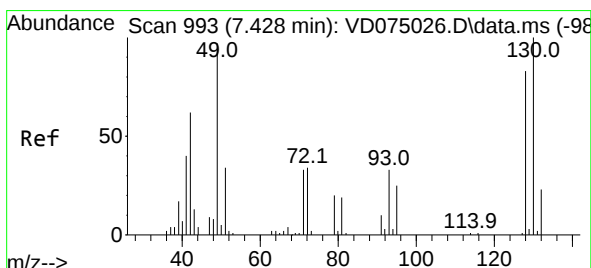
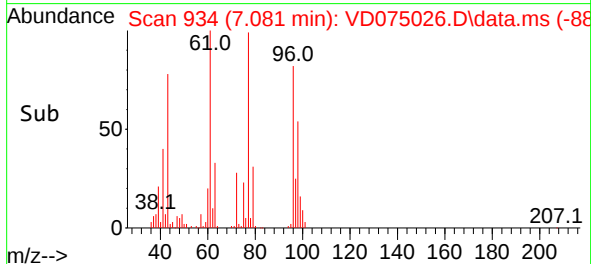
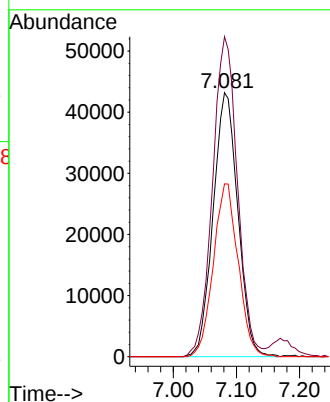
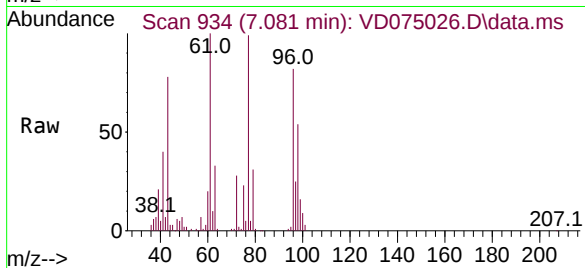
Tgt Ion: 96 Resp: 117507

Ion Ratio Lower Upper

96 100

61 122.3 0.0 244.6

98 65.5 0.0 131.0



#28

Bromochloromethane

Concen: 45.149 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

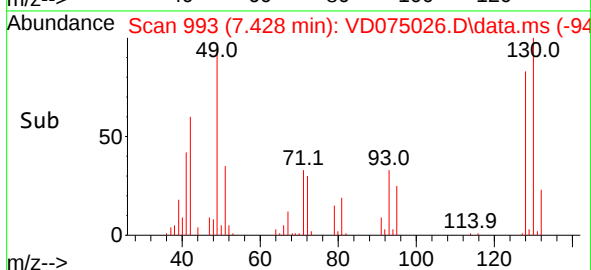
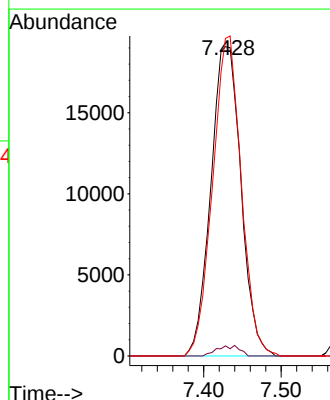
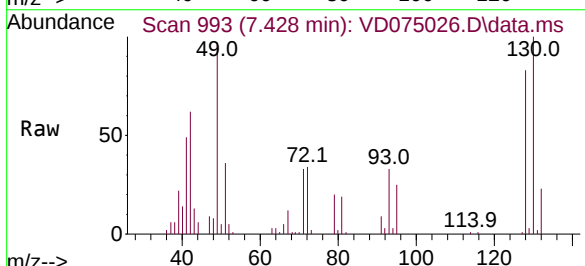
Tgt Ion: 49 Resp: 51634

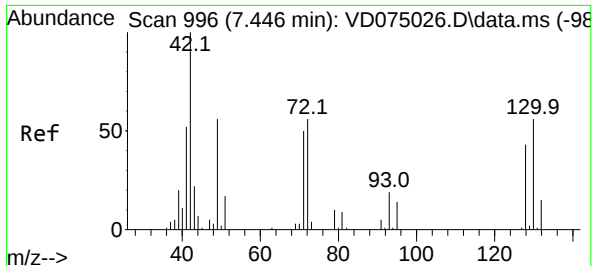
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.0

130 97.8 78.2 117.4





#29

Tetrahydrofuran

Concen: 236.593 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

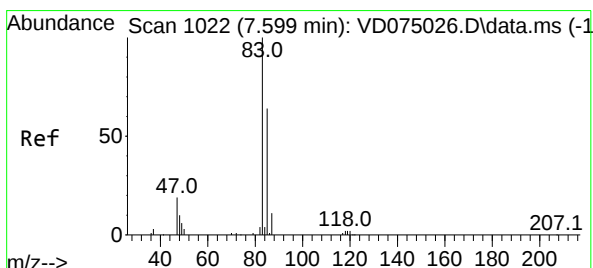
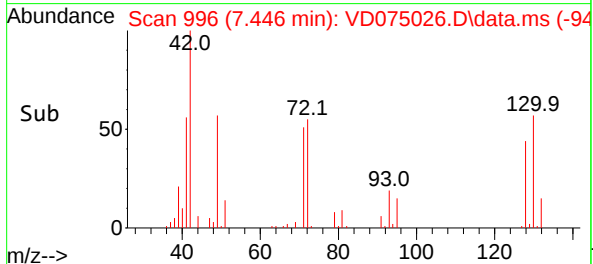
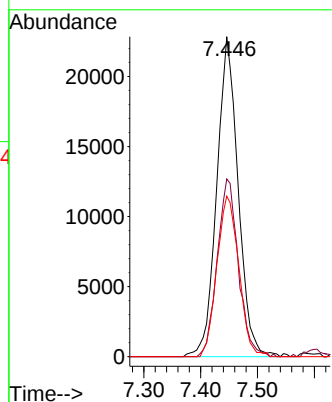
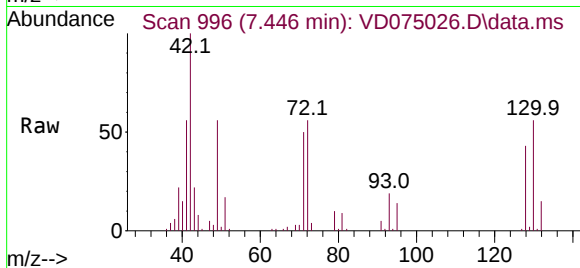
Tgt Ion: 42 Resp: 59777

Ion Ratio Lower Upper

42 100

72 54.8 43.8 65.8

71 51.4 41.1 61.7



#30

Chloroform

Concen: 47.806 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD075026.D

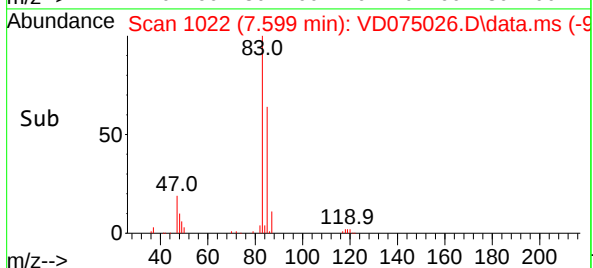
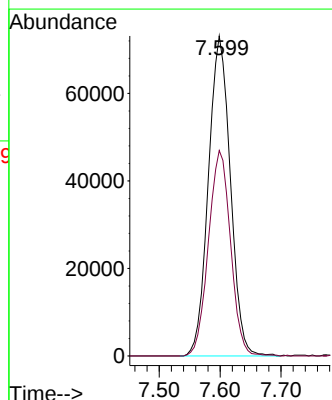
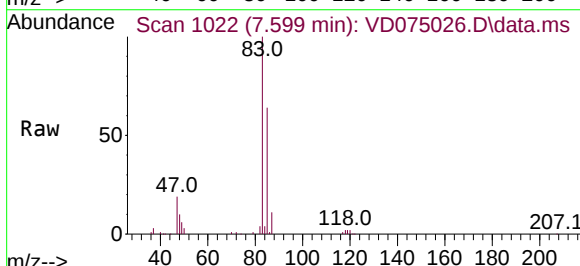
Acq: 15 Dec 2022 14:09

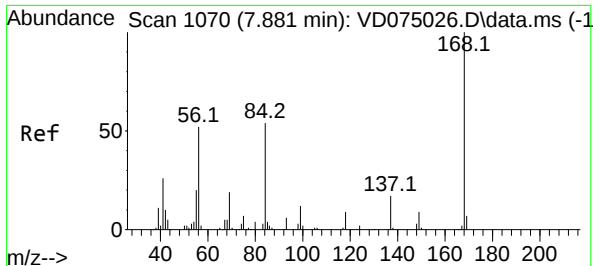
Tgt Ion: 83 Resp: 183149

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.0

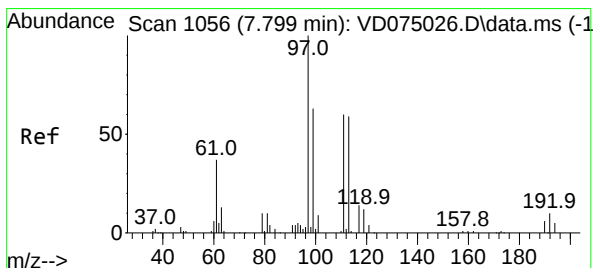
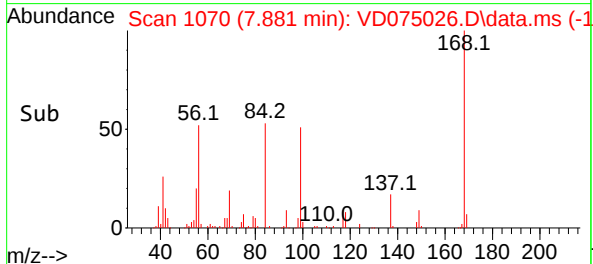
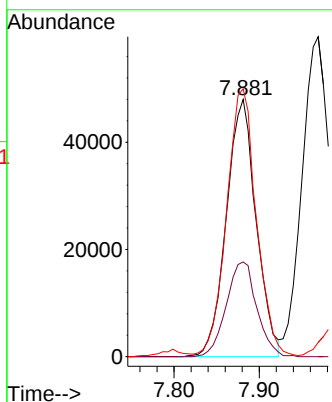
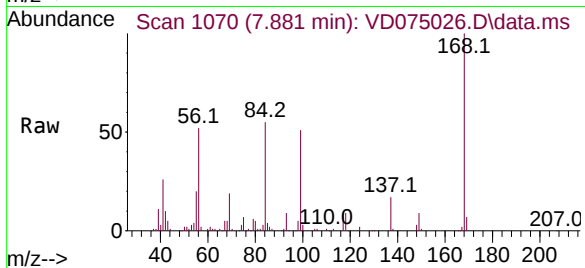




#31
Cyclohexane
Concen: 46.267 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

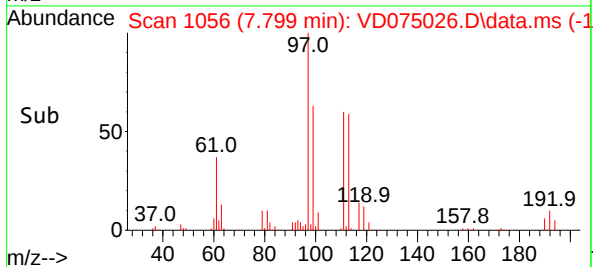
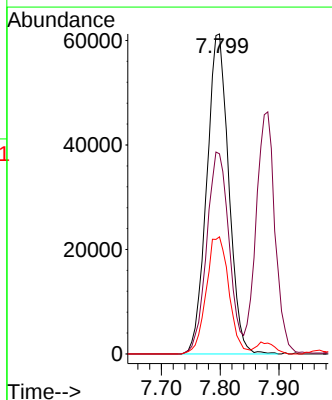
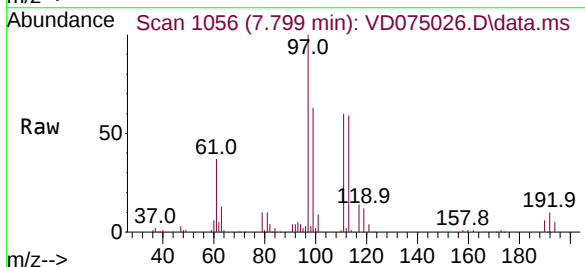
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

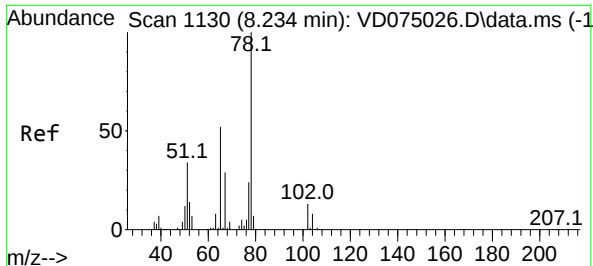
Tgt Ion: 56 Resp: 116481
Ion Ratio Lower Upper
56 100
69 36.8 29.4 44.2
84 102.3 81.8 122.8



#32
1,1,1-Trichloroethane
Concen: 48.870 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion: 97 Resp: 158704
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 37.9 30.3 45.5





#33

1,2-Dichloroethane-d4

Concen: 44.387 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

Instrument :

MSVOA_D

ClientSampleId :

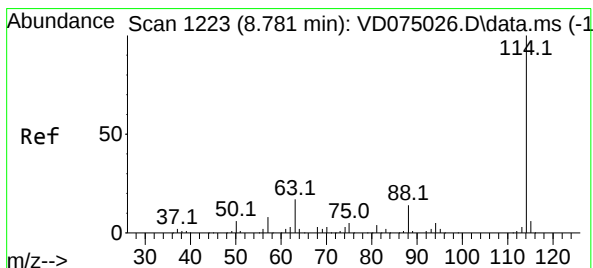
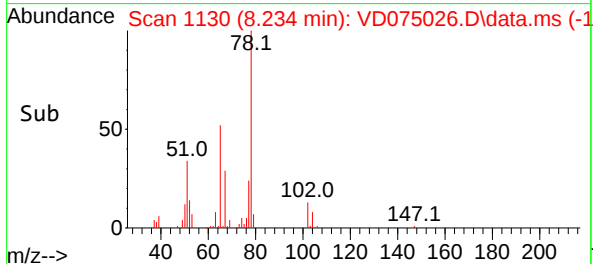
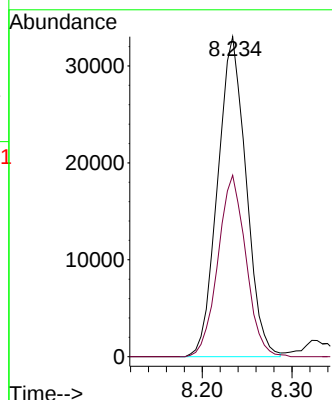
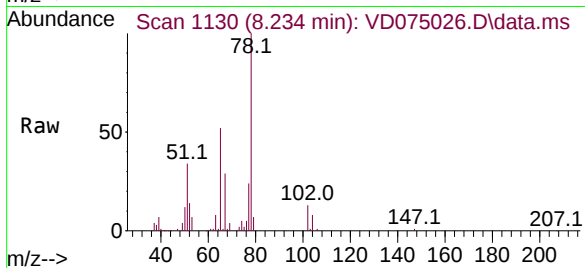
VSTDICCC050

Tgt Ion: 65 Resp: 72680

Ion Ratio Lower Upper

65 100

67 55.6 0.0 111.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

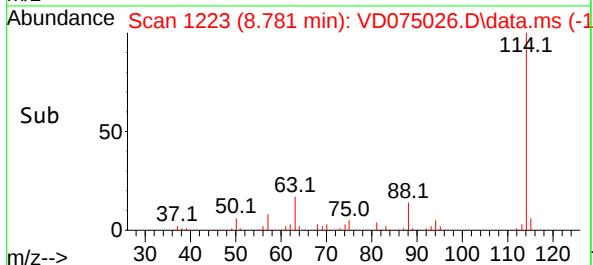
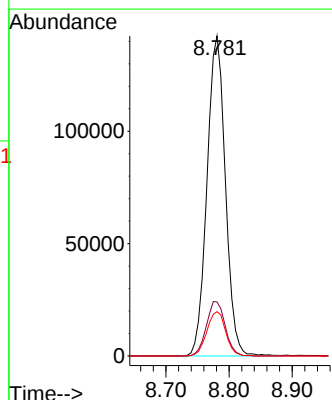
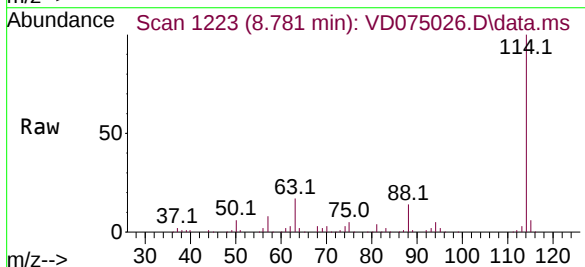
Tgt Ion: 114 Resp: 288231

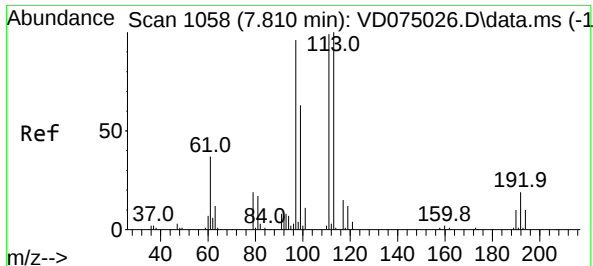
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.8

88 13.9 0.0 27.8





#35

Dibromofluoromethane

Concen: 54.381 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

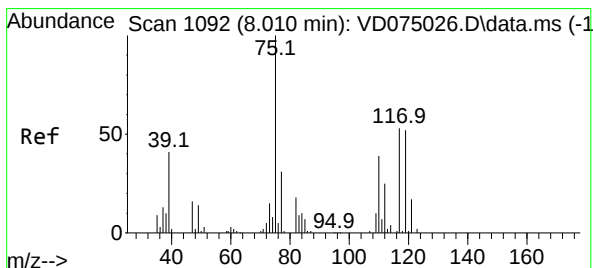
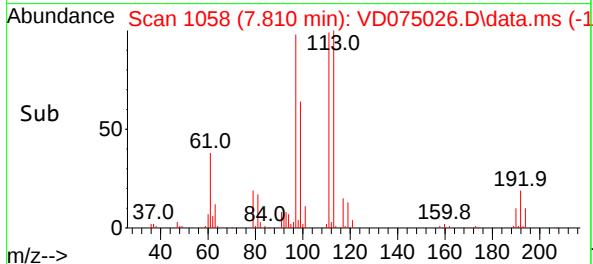
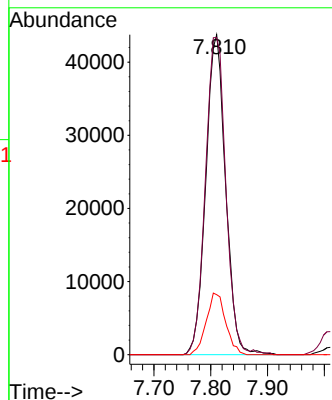
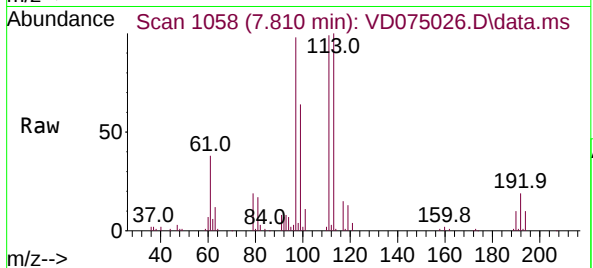
Tgt Ion:113 Resp: 105729

Ion Ratio Lower Upper

113 100

111 102.6 82.1 123.1

192 18.9 15.1 22.7



#36

1,1-Dichloropropene

Concen: 49.385 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

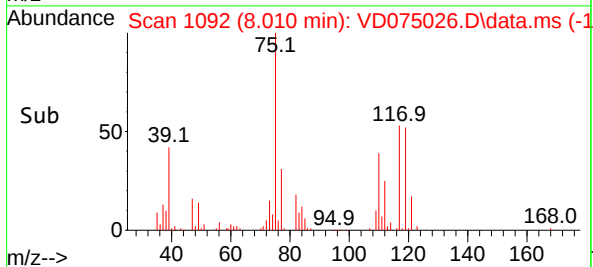
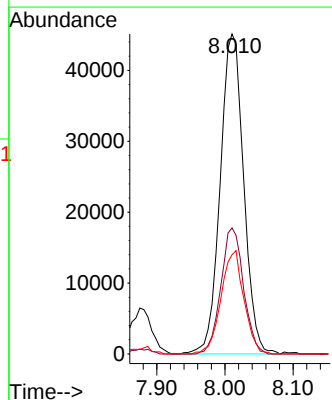
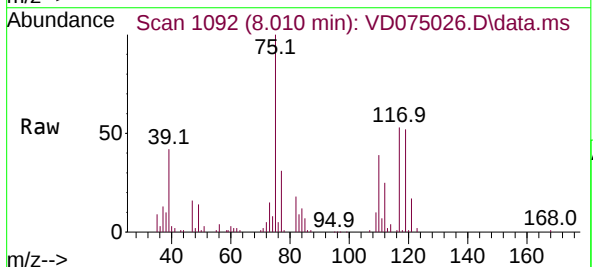
Tgt Ion: 75 Resp: 108103

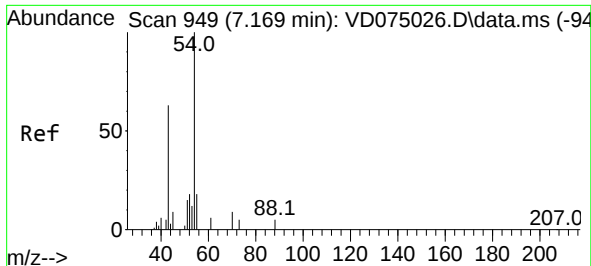
Ion Ratio Lower Upper

75 100

110 38.0 19.0 57.0

77 31.5 25.2 37.8





#37

Ethyl Acetate

Concen: 51.209 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

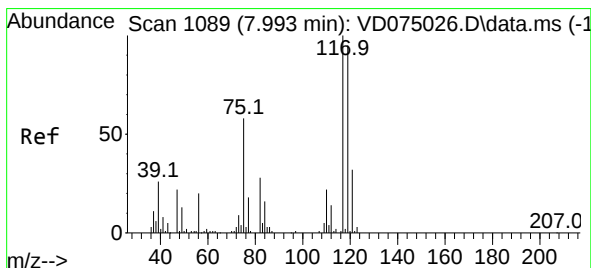
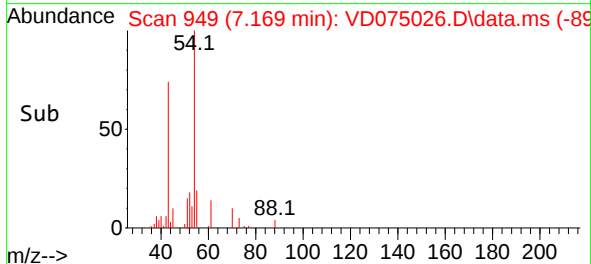
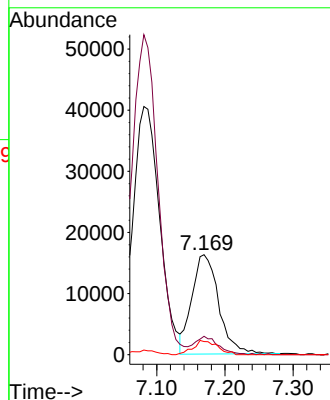
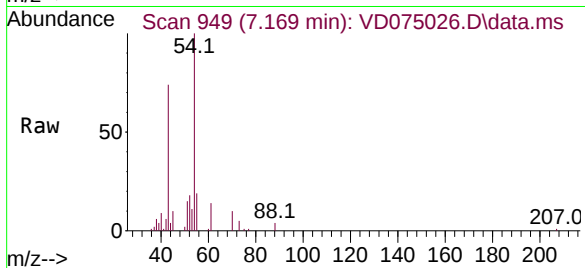
Tgt Ion: 43 Resp: 44479

Ion Ratio Lower Upper

43 100

61 16.0 12.8 19.2

70 12.8 10.2 15.4



#38

Carbon Tetrachloride

Concen: 51.209 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

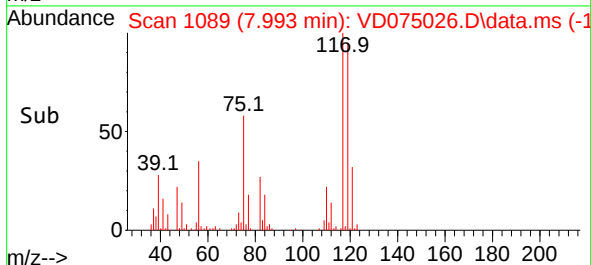
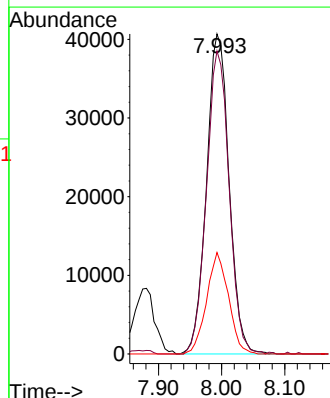
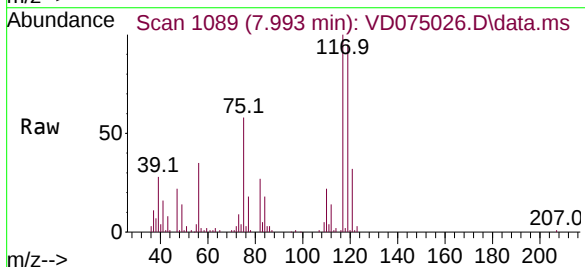
Tgt Ion: 117 Resp: 101390

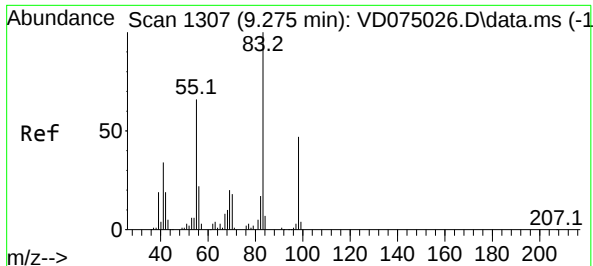
Ion Ratio Lower Upper

117 100

119 94.7 75.8 113.6

121 31.7 25.4 38.0





#39

Methylcyclohexane

Concen: 51.573 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

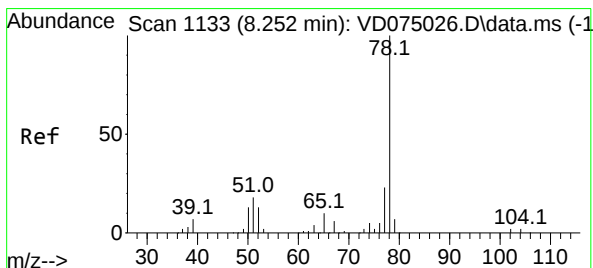
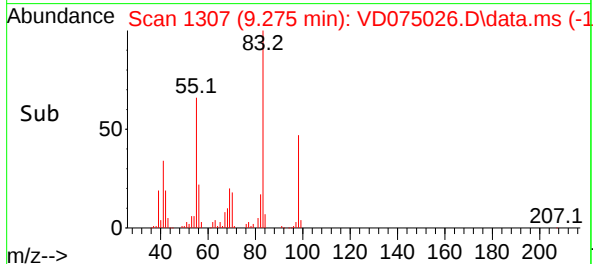
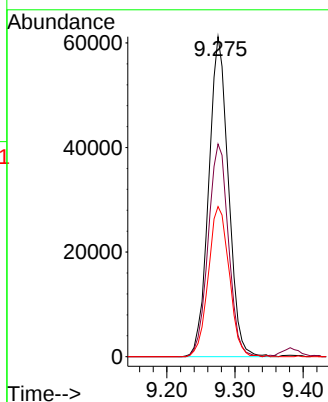
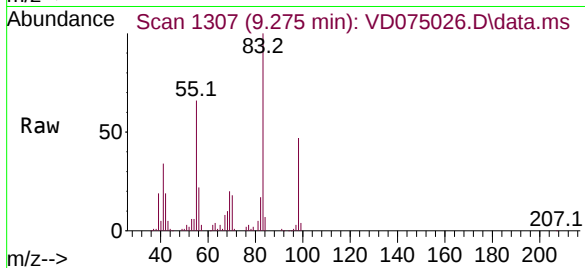
Tgt Ion: 83 Resp: 123052

Ion Ratio Lower Upper

83 100

55 66.4 53.1 79.7

98 46.9 37.5 56.3



#40

Benzene

Concen: 50.626 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075026.D

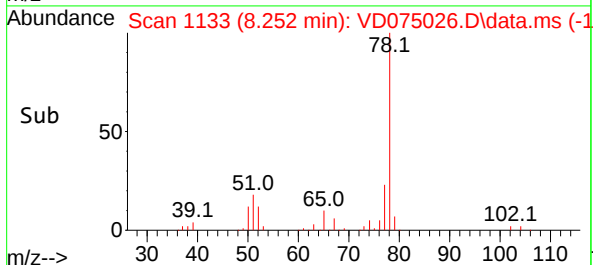
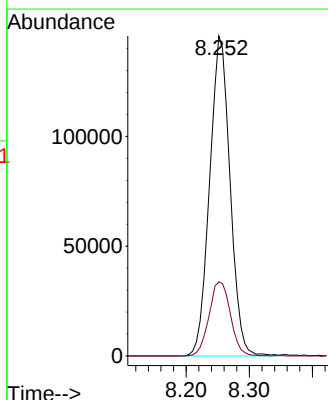
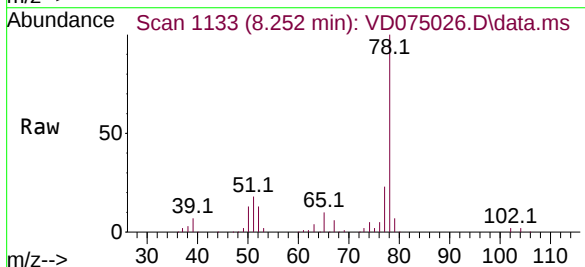
Acq: 15 Dec 2022 14:09

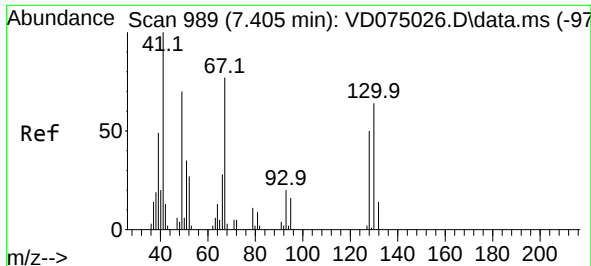
Tgt Ion: 78 Resp: 327727

Ion Ratio Lower Upper

78 100

77 23.2 18.6 27.8

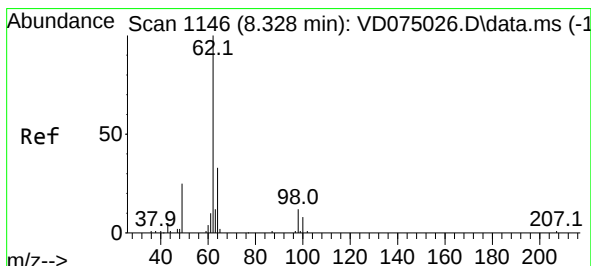
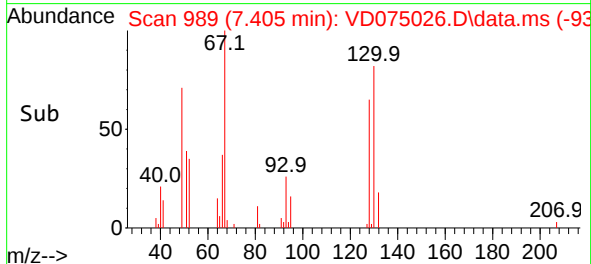
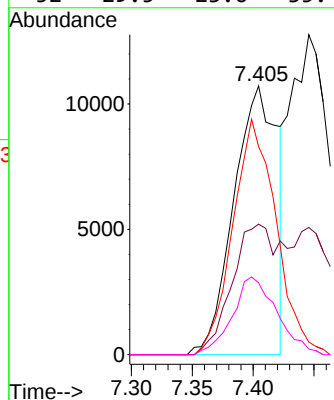
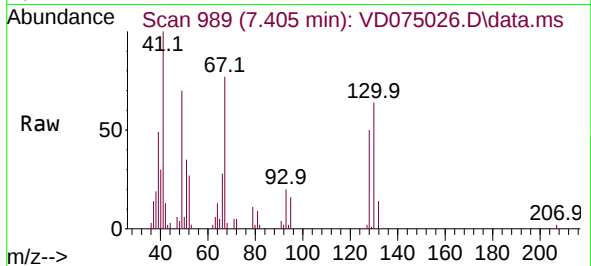




#41
Methacrylonitrile
Concen: 55.690 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

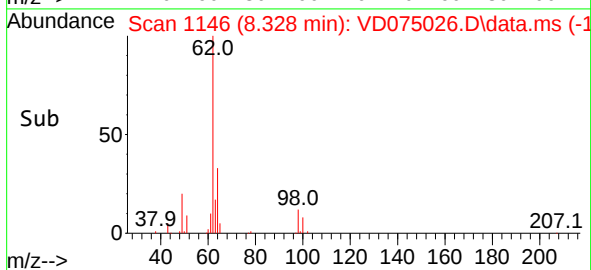
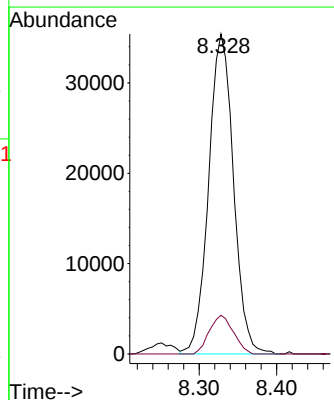
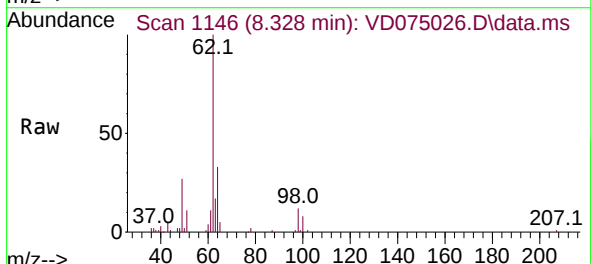
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

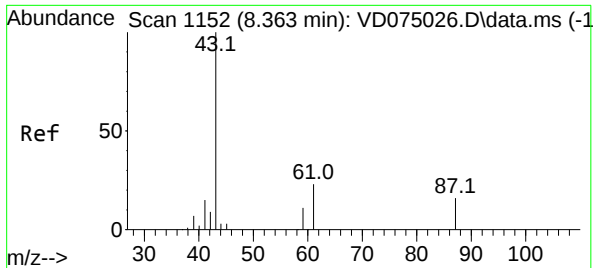
Tgt Ion:	41	Resp:	26717
Ion	Ratio	Lower	Upper
41	100		
39	56.0	44.8	67.2
67	87.0	69.6	104.4
52	29.5	23.6	35.4



#42
1,2-Dichloroethane
Concen: 49.370 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion:	62	Resp:	78799
Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	23.4

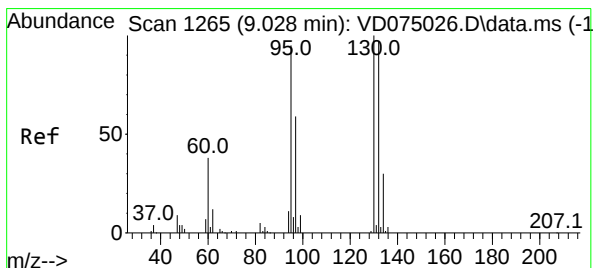
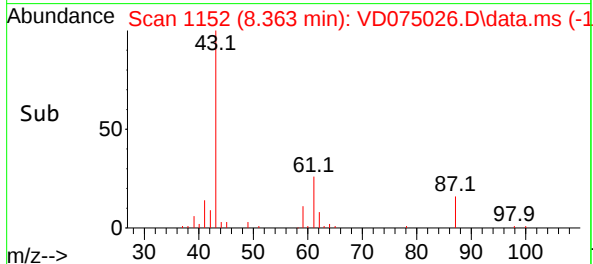
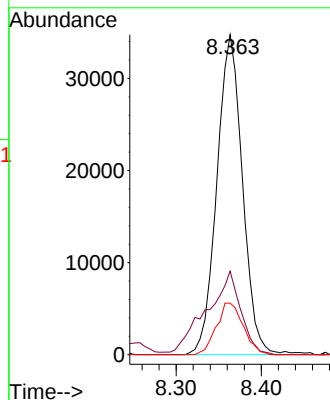
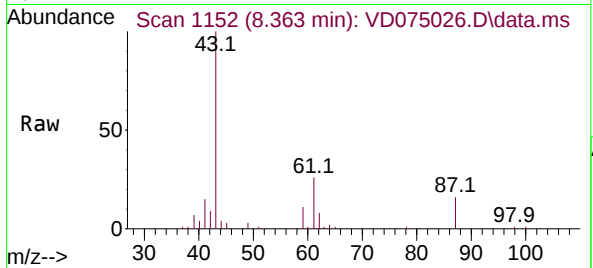




#43
Isopropyl Acetate
Concen: 49.635 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

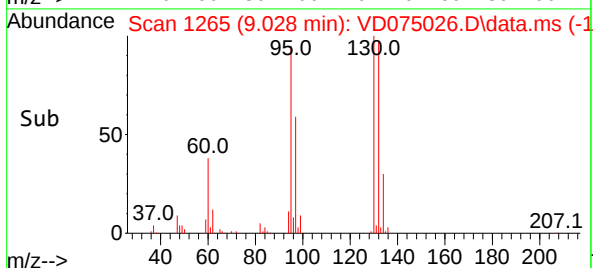
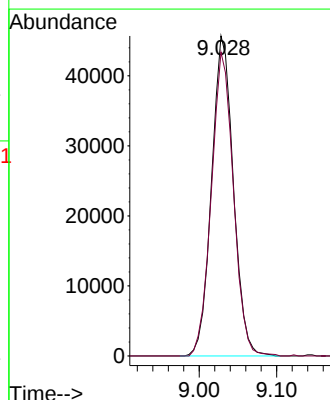
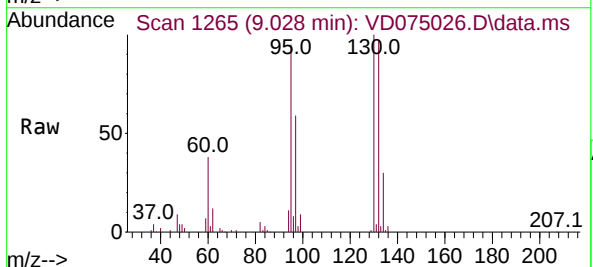
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

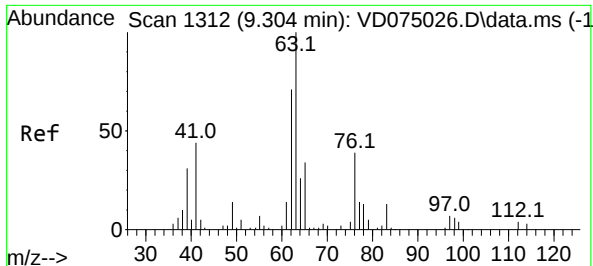
Tgt Ion:	43	Resp:	72350
Ion	Ratio	Lower	Upper
43	100		
61	35.3	28.2	42.4
87	17.0	13.6	20.4



#44
Trichloroethene
Concen: 49.281 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion:	130	Resp:	89317
Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	190.0





#45

1,2-Dichloropropane

Concen: 50.007 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

Instrument :

MSVOA_D

ClientSampleId :

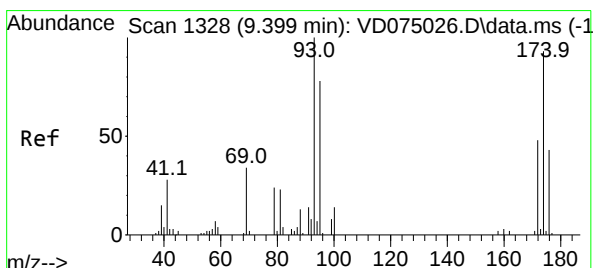
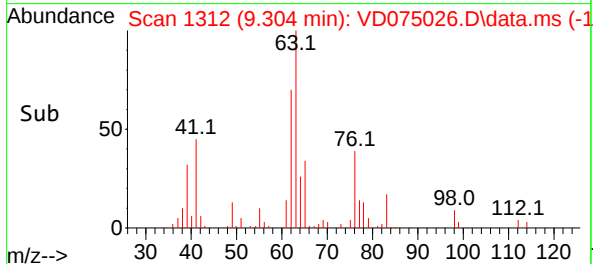
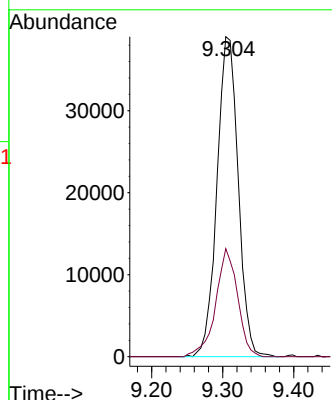
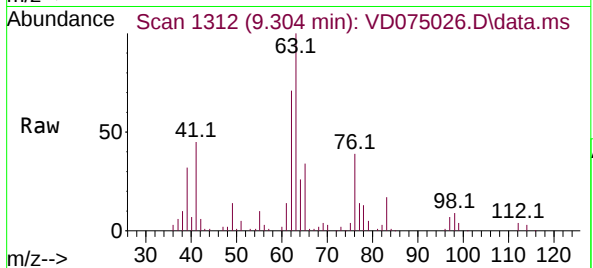
VSTDICCC050

Tgt Ion: 63 Resp: 80825

Ion Ratio Lower Upper

63 100

65 33.8 27.0 40.6



#46

Dibromomethane

Concen: 49.788 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

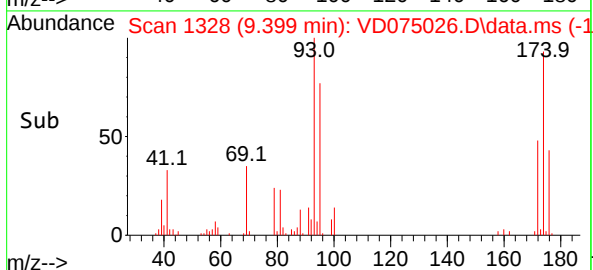
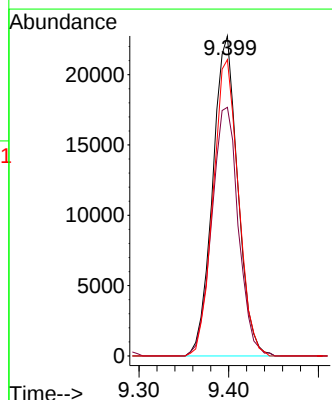
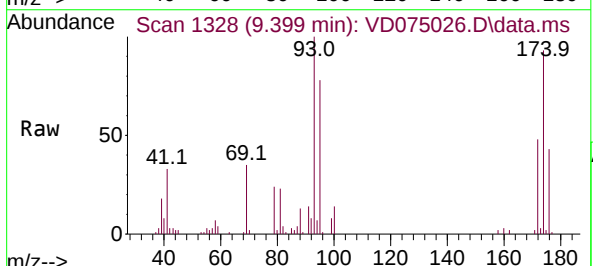
Tgt Ion: 93 Resp: 44156

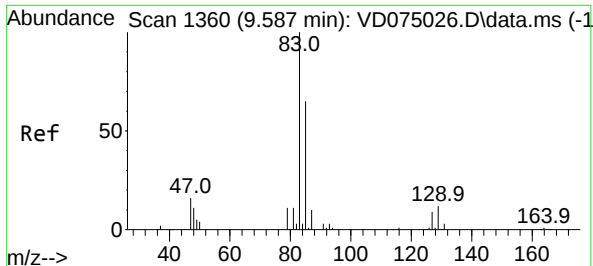
Ion Ratio Lower Upper

93 100

95 82.1 65.7 98.5

174 93.4 74.7 112.1

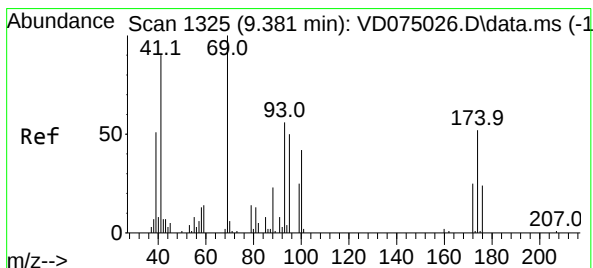
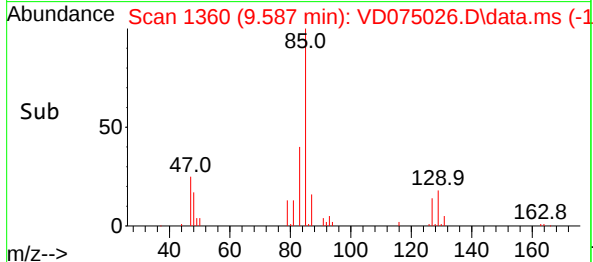
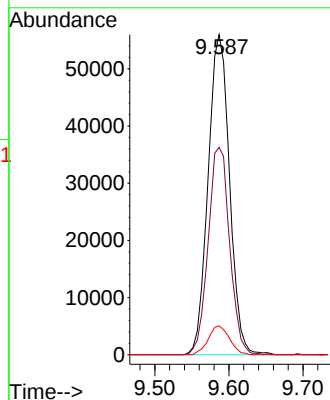
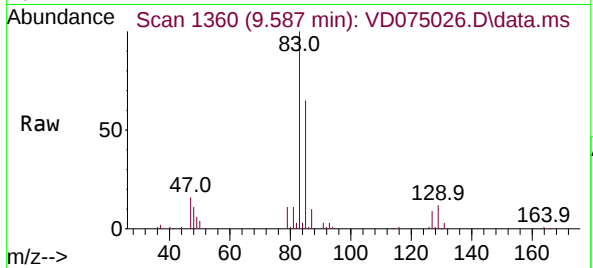




#47
Bromodichloromethane
Concen: 49.743 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

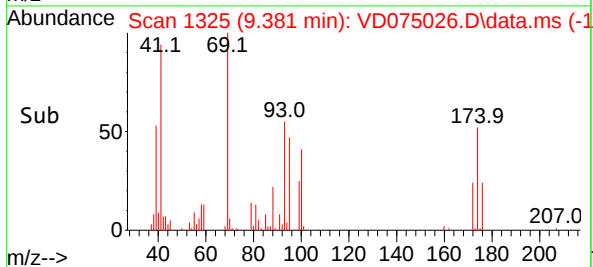
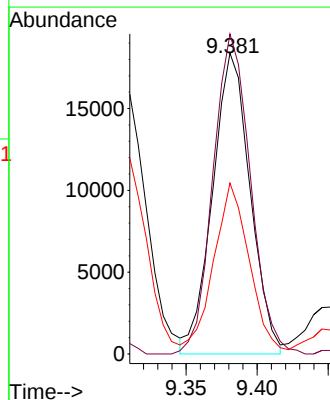
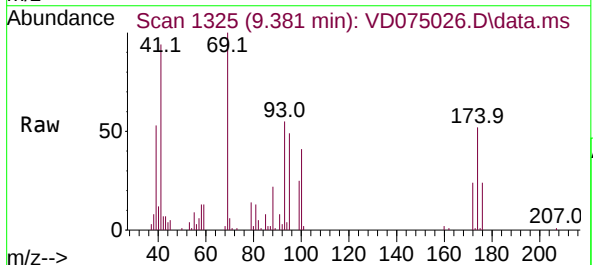
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

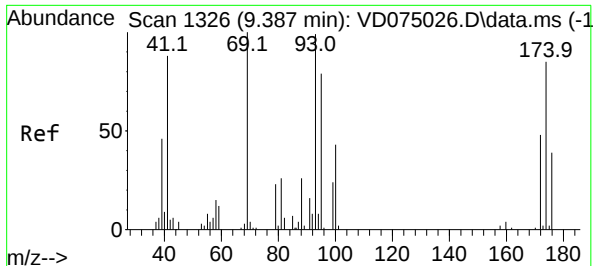
Tgt Ion: 83 Resp: 112438
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.8
127 9.0 7.2 10.8



#48
Methyl methacrylate
Concen: 49.767 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion: 41 Resp: 33797
Ion Ratio Lower Upper
41 100
69 106.0 84.8 127.2
39 54.5 43.6 65.4





#49

1,4-Dioxane

Concen: 1057.627 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

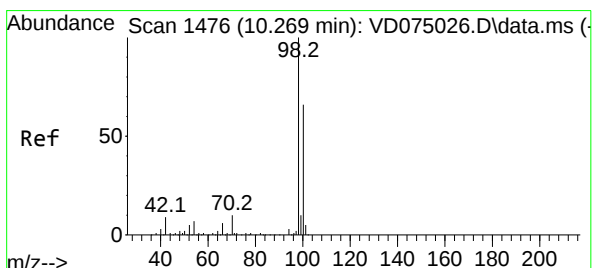
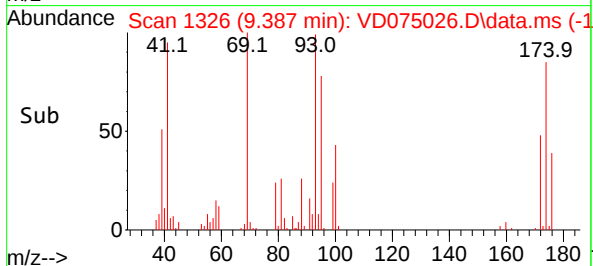
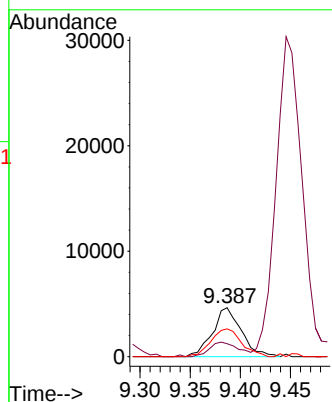
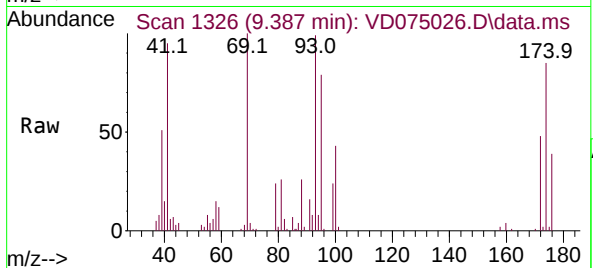
Tgt Ion: 88 Resp: 9224

Ion Ratio Lower Upper

88 100

43 29.9 23.9 35.9

58 60.5 48.4 72.6



#50

Toluene-d8

Concen: 51.819 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075026.D

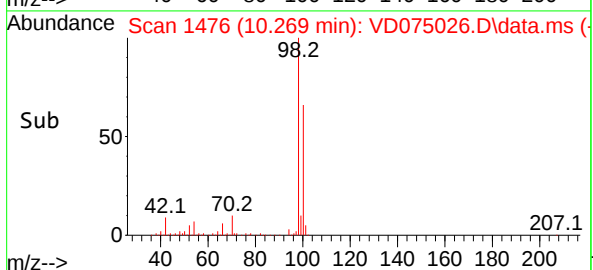
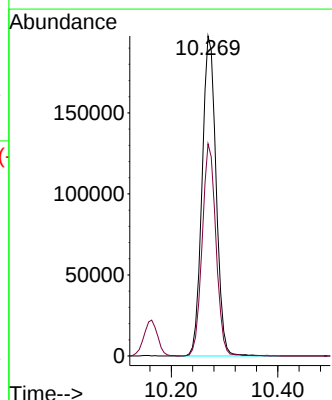
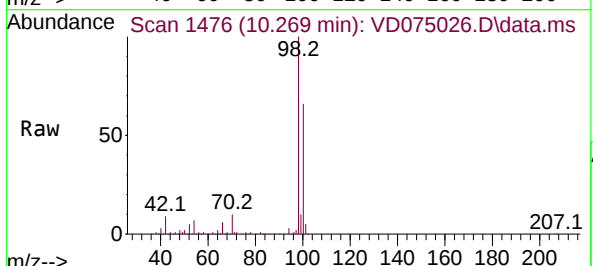
Acq: 15 Dec 2022 14:09

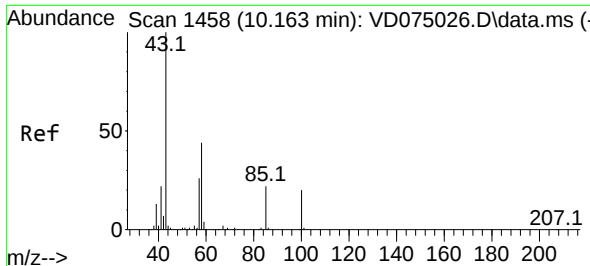
Tgt Ion: 98 Resp: 359891

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 258.050 ug/l

RT: 10.163 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

Instrument :

MSVOA_D

ClientSampleId :

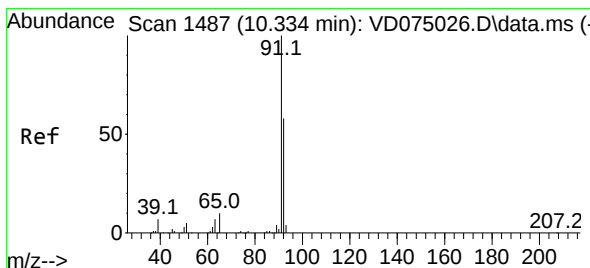
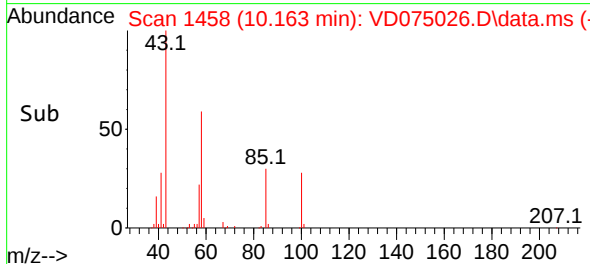
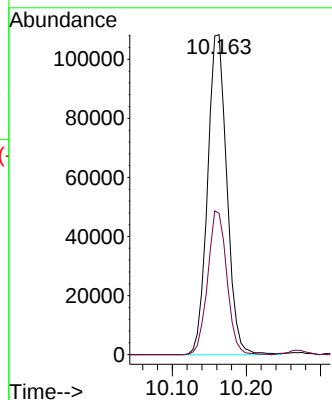
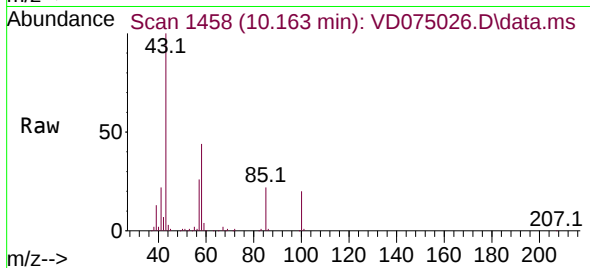
VSTDICCC050

Tgt Ion: 43 Resp: 195916

Ion Ratio Lower Upper

43 100

58 44.6 35.7 53.5



#52

Toluene

Concen: 51.570 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075026.D

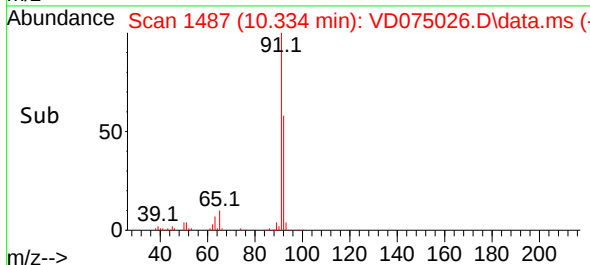
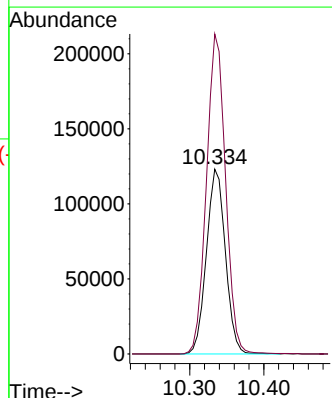
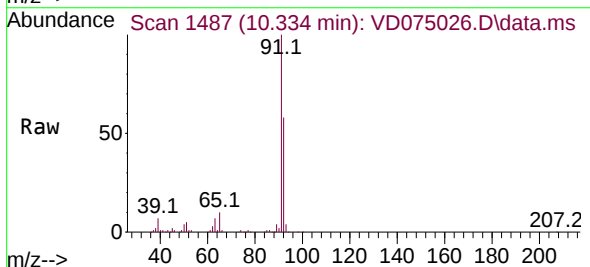
Acq: 15 Dec 2022 14:09

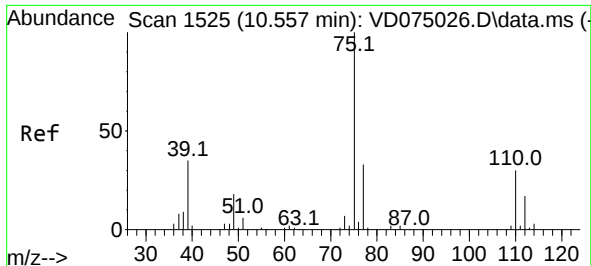
Tgt Ion: 92 Resp: 219316

Ion Ratio Lower Upper

92 100

91 174.1 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 51.015 ug/l

RT: 10.557 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

Instrument :

MSVOA_D

ClientSampleId :

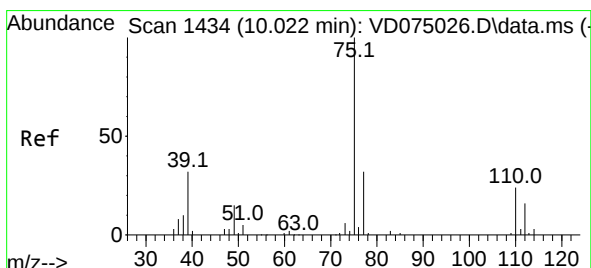
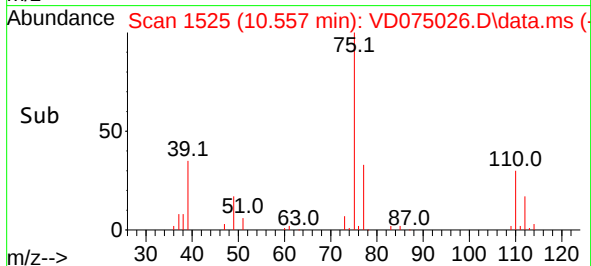
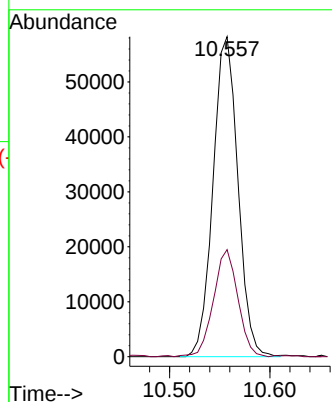
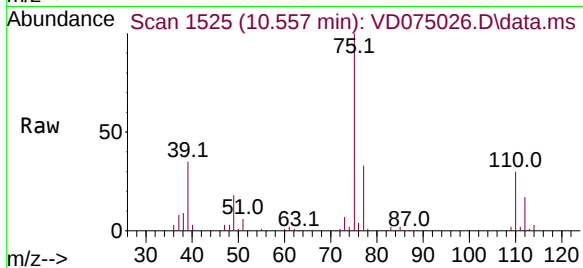
VSTDICCC050

Tgt Ion: 75 Resp: 100453

Ion Ratio Lower Upper

75 100

77 33.2 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 50.912 ug/l

RT: 10.022 min Scan# 1434

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

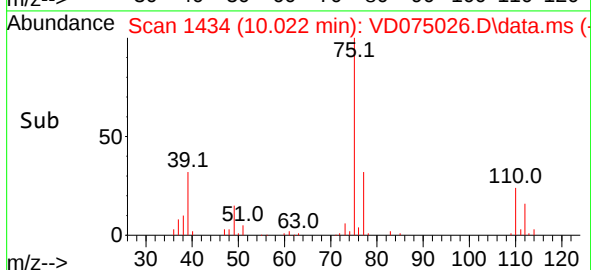
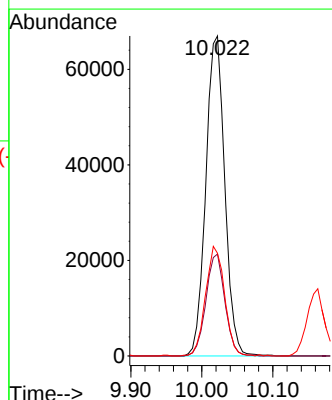
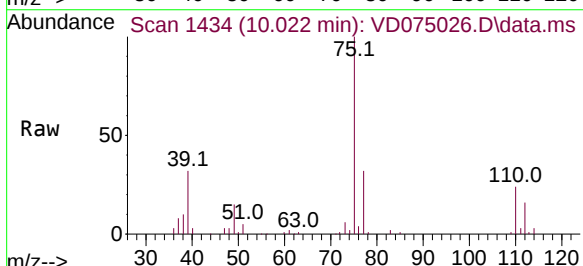
Tgt Ion: 75 Resp: 124433

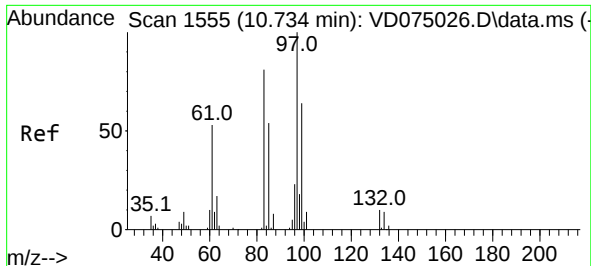
Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

39 32.1 25.7 38.5

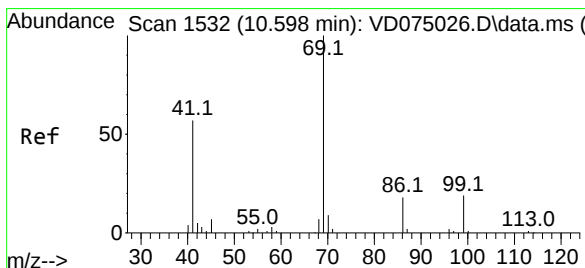
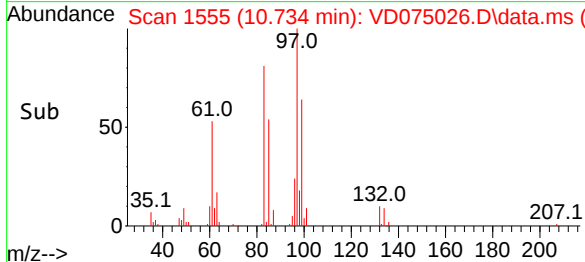
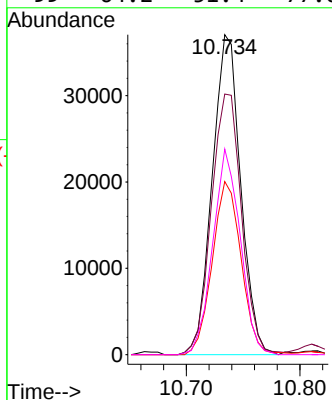
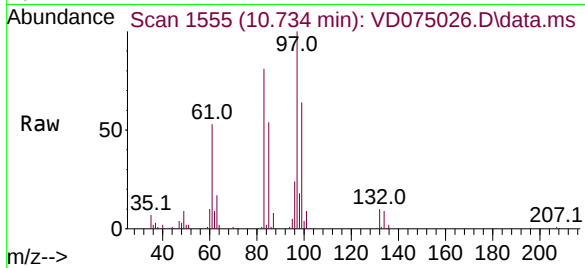




#55
 1,1,2-Trichloroethane
 Concen: 50.464 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: VD075026.D
 Acq: 15 Dec 2022 14:09

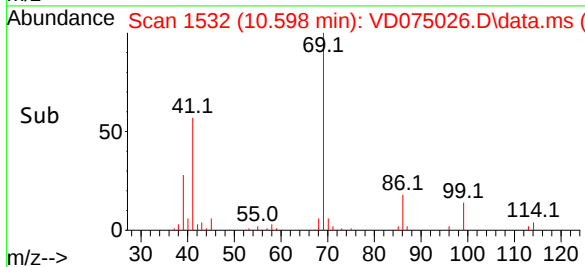
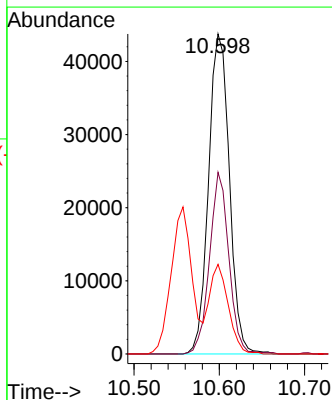
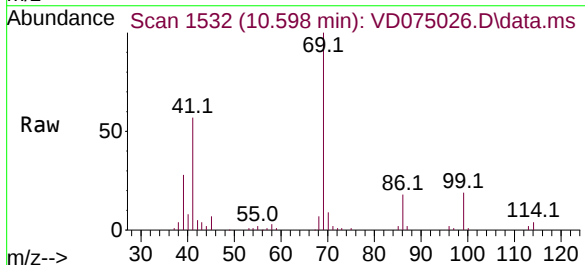
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

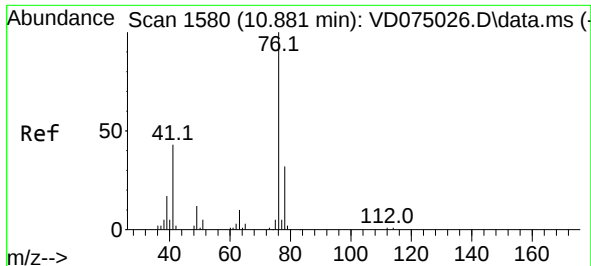
Tgt Ion:	97	Resp:	64480
Ion	Ratio	Lower	Upper
97	100		
83	81.4	65.1	97.7
85	54.1	43.3	64.9
99	64.2	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 52.681 ug/l
 RT: 10.598 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: VD075026.D
 Acq: 15 Dec 2022 14:09

Tgt Ion:	69	Resp:	74263
Ion	Ratio	Lower	Upper
69	100		
41	52.8	42.2	63.4
39	25.3	20.2	30.4





#57

1,3-Dichloropropane

Concen: 50.384 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

Instrument :

MSVOA_D

ClientSampleId :

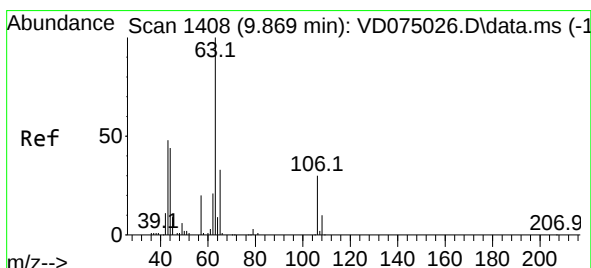
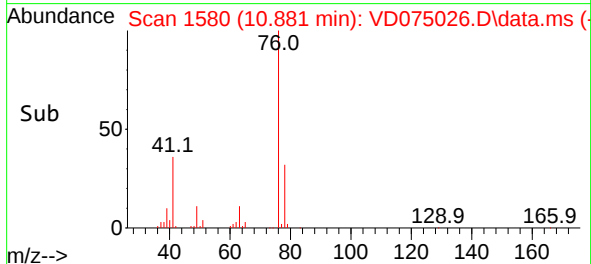
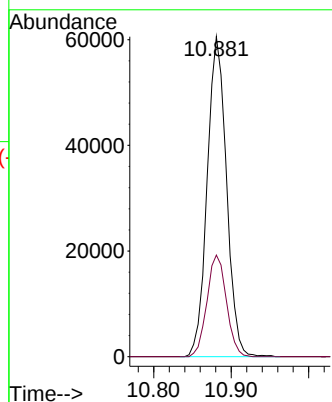
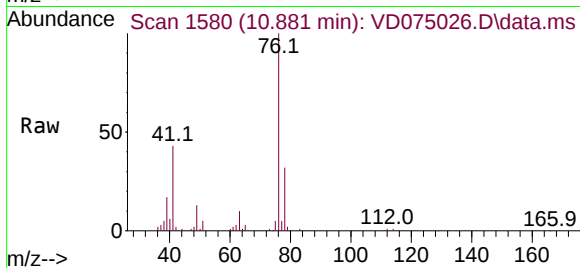
VSTDICCC050

Tgt Ion: 76 Resp: 104784

Ion Ratio Lower Upper

76 100

78 31.9 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 256.659 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075026.D

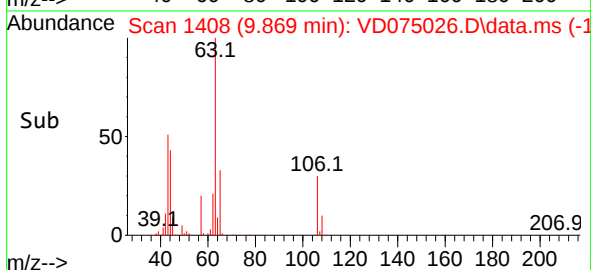
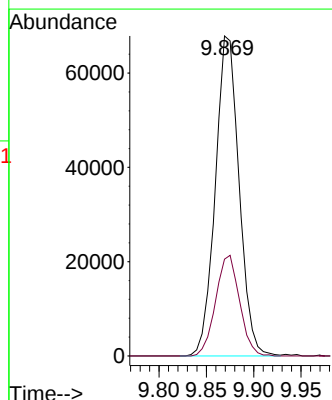
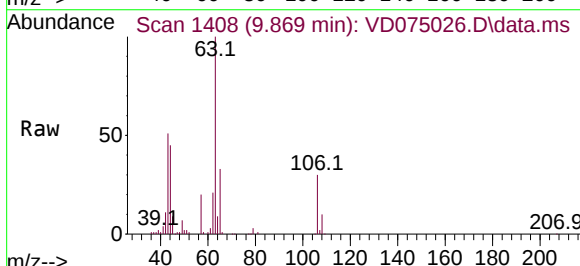
Acq: 15 Dec 2022 14:09

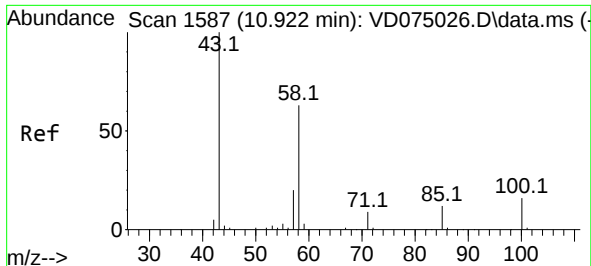
Tgt Ion: 63 Resp: 118505

Ion Ratio Lower Upper

63 100

106 31.6 25.3 37.9

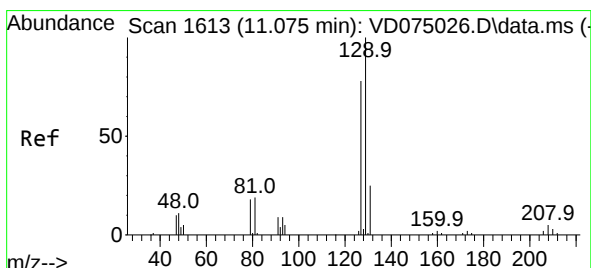
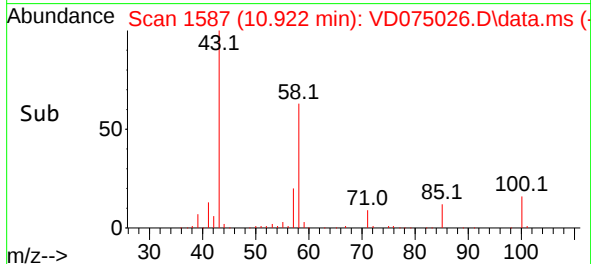
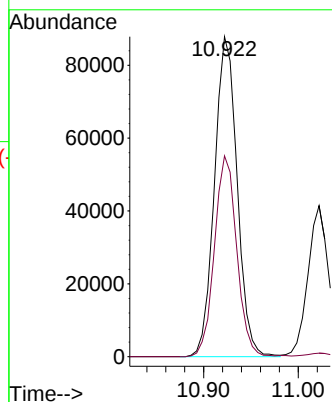
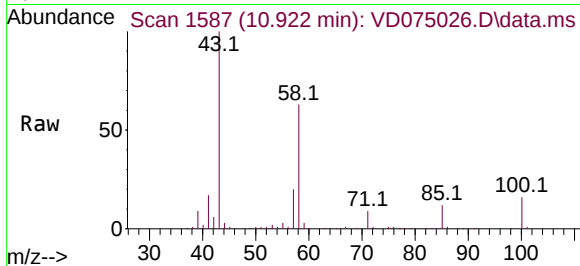




#59
2-Hexanone
Concen: 267.171 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

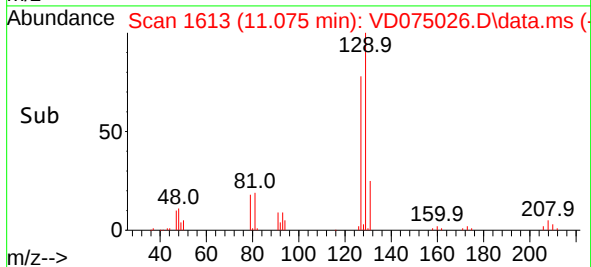
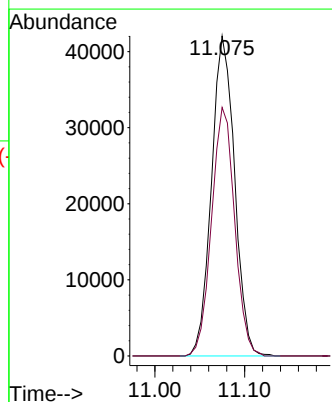
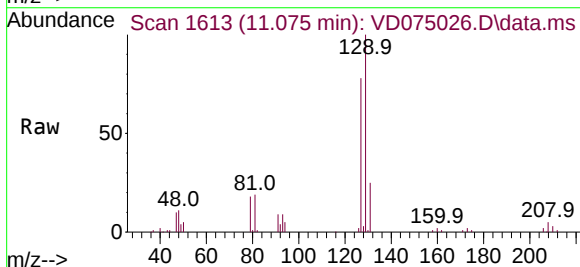
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

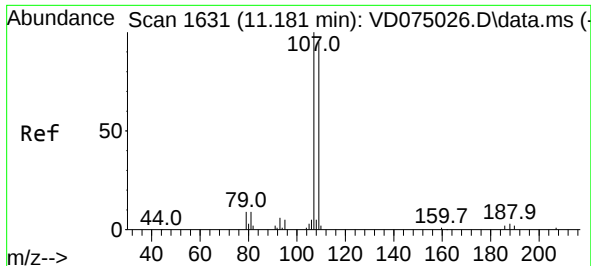
Tgt Ion: 43 Resp: 146068
Ion Ratio Lower Upper
43 100
58 61.6 30.8 92.4



#60
Dibromochloromethane
Concen: 50.312 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion: 129 Resp: 75238
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3

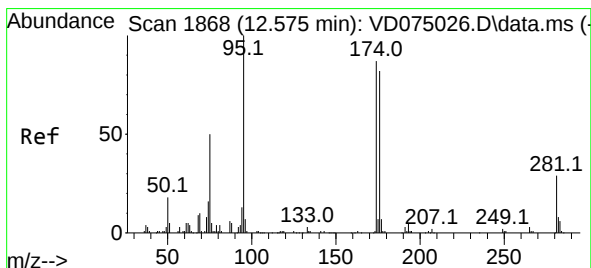
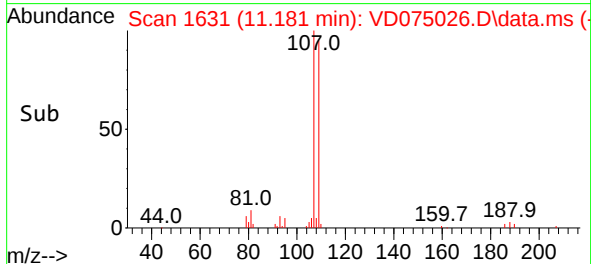
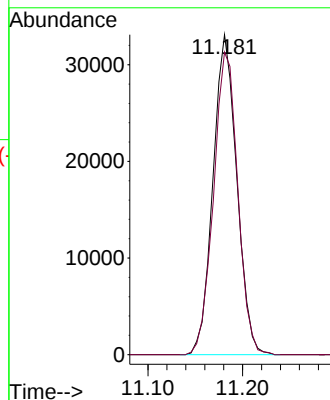
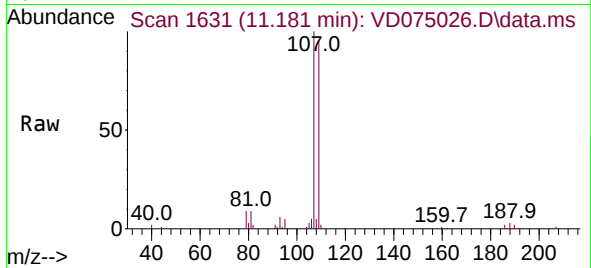




#61
1,2-Dibromoethane
Concen: 49.725 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

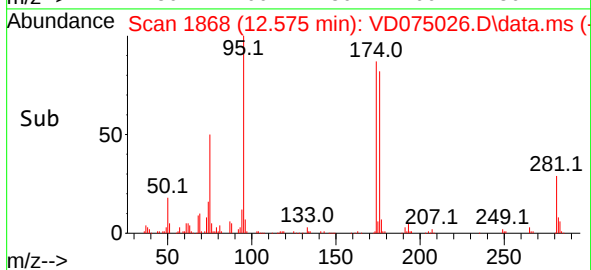
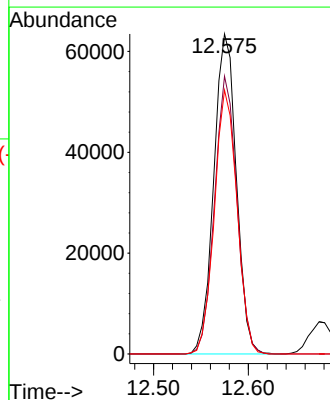
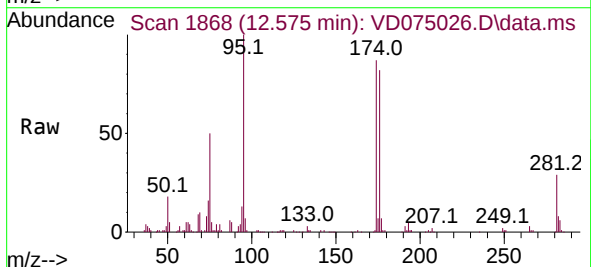
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

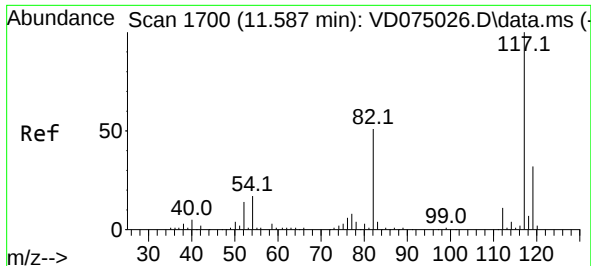
Tgt Ion:107 Resp: 57758
Ion Ratio Lower Upper
107 100
109 96.5 77.2 115.8



#62
4-Bromofluorobenzene
Concen: 51.625 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion: 95 Resp: 105144
Ion Ratio Lower Upper
95 100
174 85.6 0.0 171.2
176 82.5 0.0 165.0

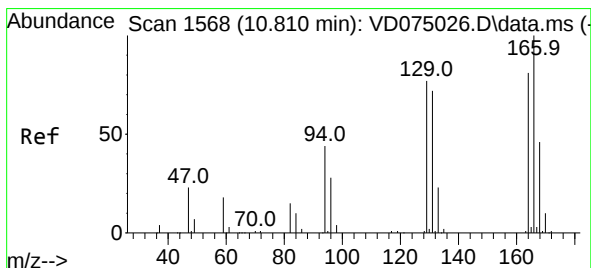
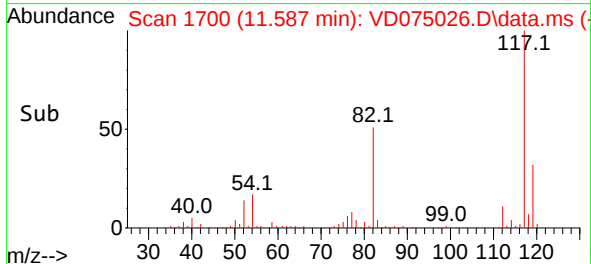
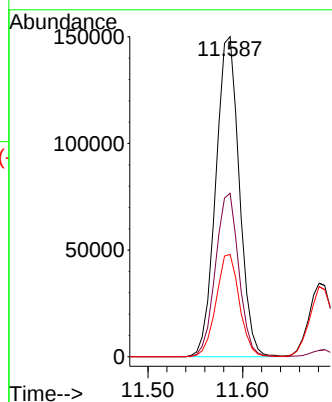
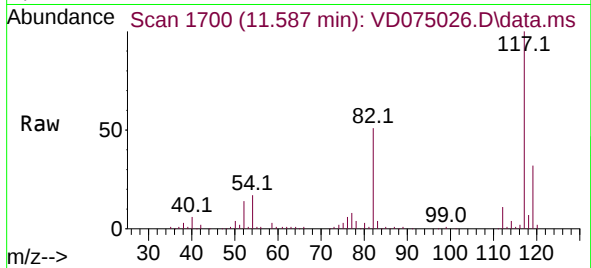




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

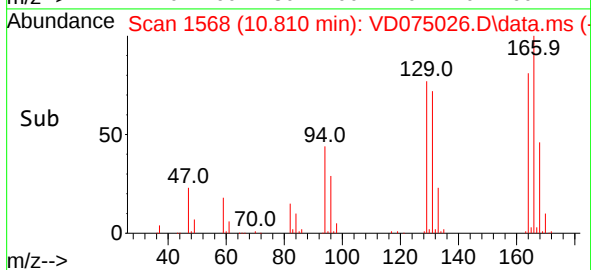
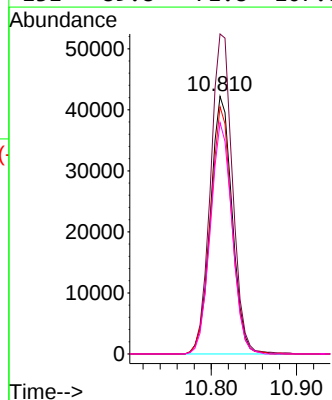
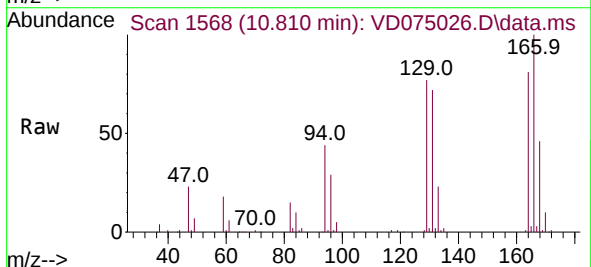
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

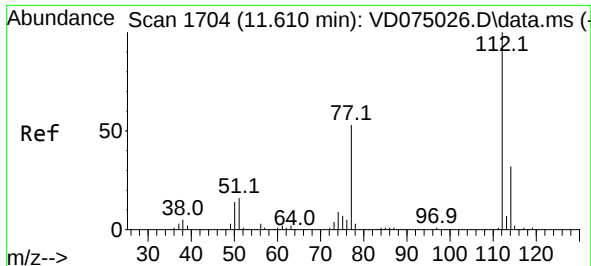
Tgt Ion:117 Resp: 258954
Ion Ratio Lower Upper
117 100
82 51.1 40.9 61.3
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 49.064 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion:164 Resp: 74903
Ion Ratio Lower Upper
164 100
166 124.2 99.4 149.0
129 95.9 76.7 115.1
131 89.8 71.8 107.8

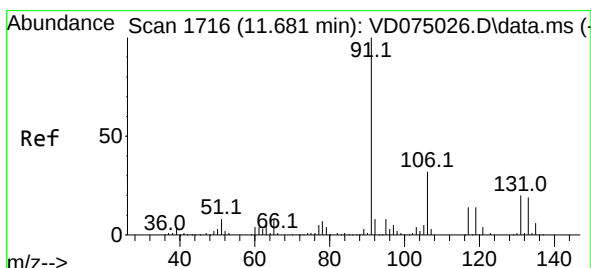
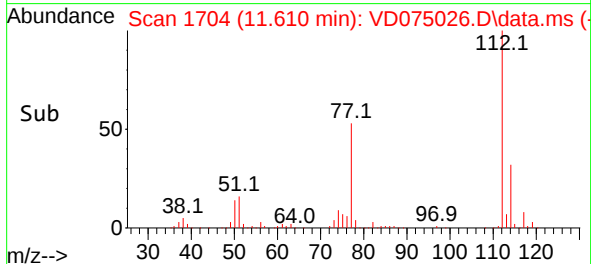
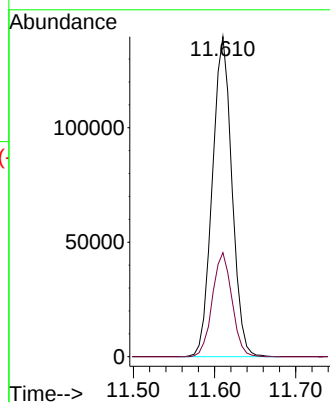
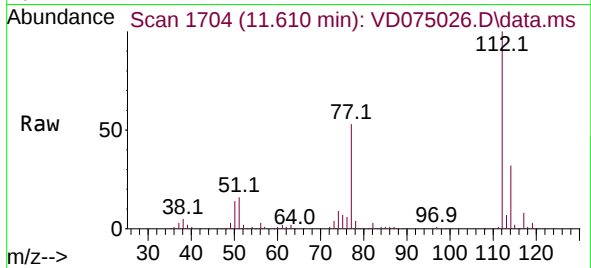




#65
Chlorobenzene
Concen: 50.237 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

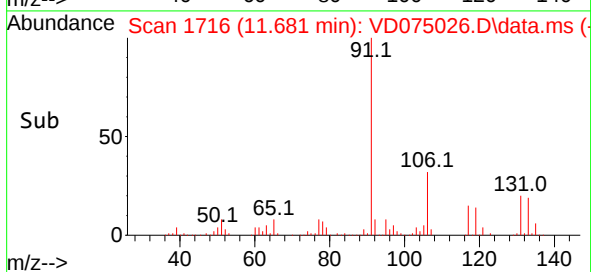
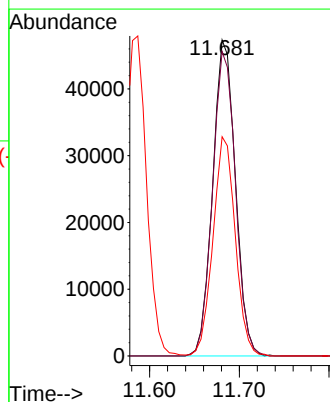
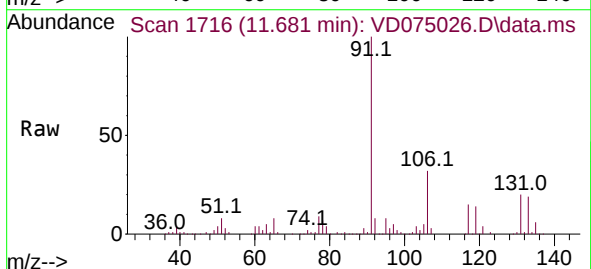
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

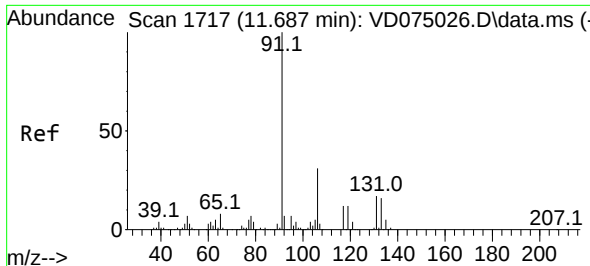
Tgt Ion:112 Resp: 234417
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.758 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion:131 Resp: 83235
Ion Ratio Lower Upper
131 100
133 97.1 48.5 145.6
119 68.3 34.2 102.5

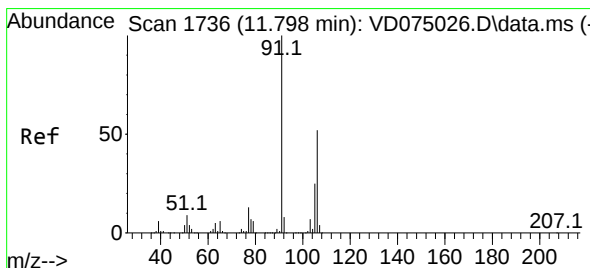
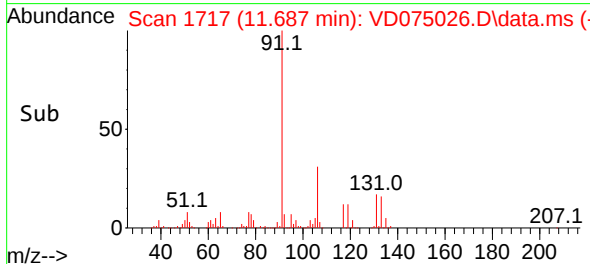
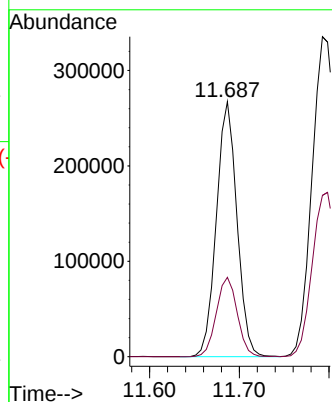
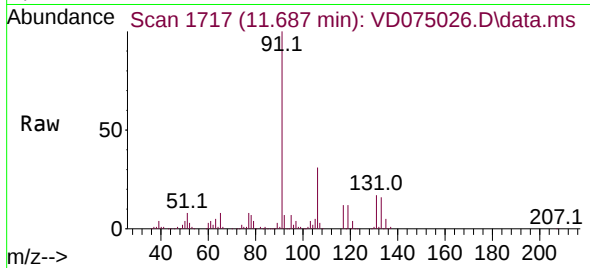




#67
Ethyl Benzene
Concen: 52.354 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

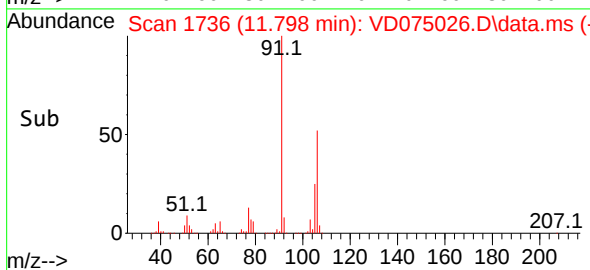
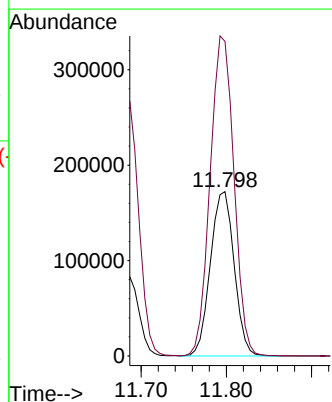
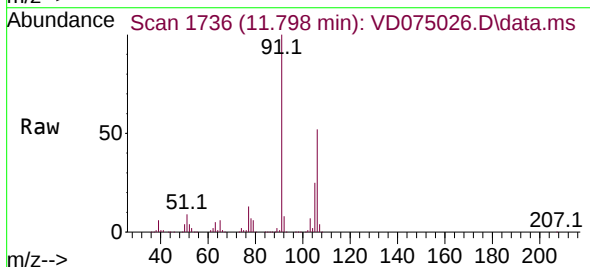
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

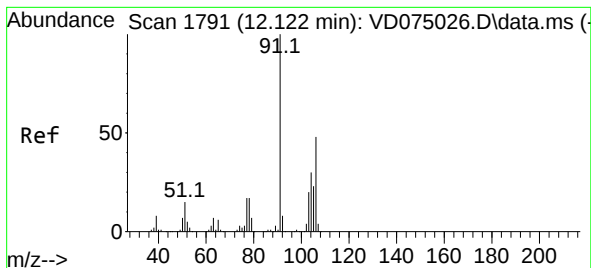
Tgt Ion: 91 Resp: 425416
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



#68
m/p-Xylenes
Concen: 104.906 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion:106 Resp: 333336
Ion Ratio Lower Upper
106 100
91 195.4 156.3 234.5





#69

o-Xylene

Concen: 52.767 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

Instrument :

MSVOA_D

ClientSampleId :

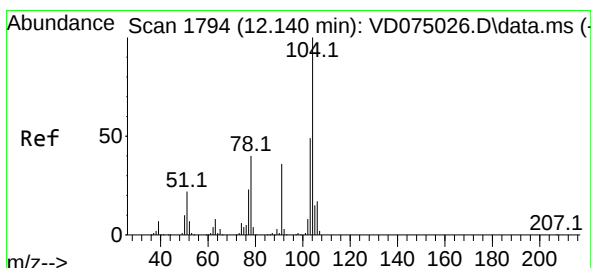
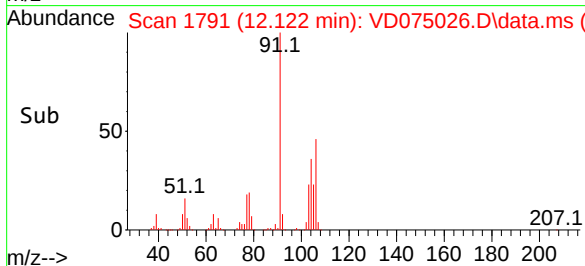
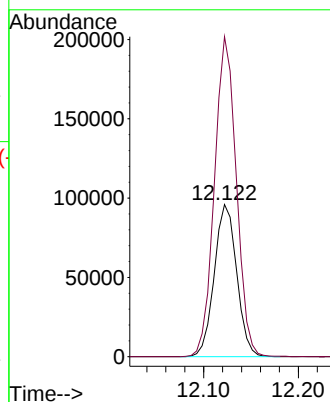
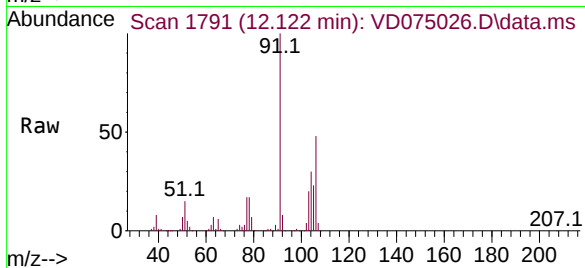
VSTDICCC050

Tgt Ion:106 Resp: 157697

Ion Ratio Lower Upper

106 100

91 205.4 102.7 308.1



#70

Styrene

Concen: 53.071 ug/l

RT: 12.140 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

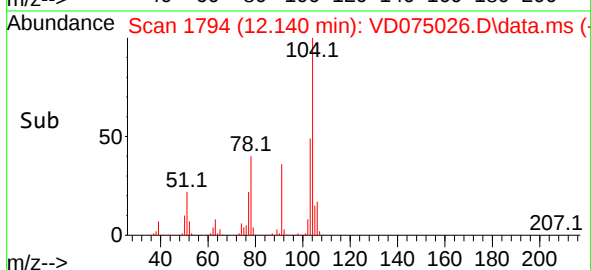
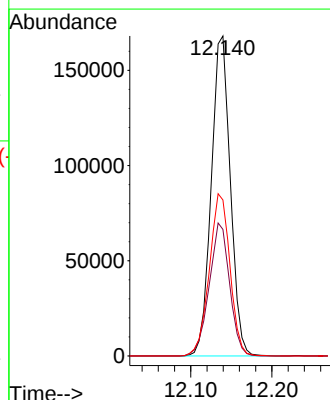
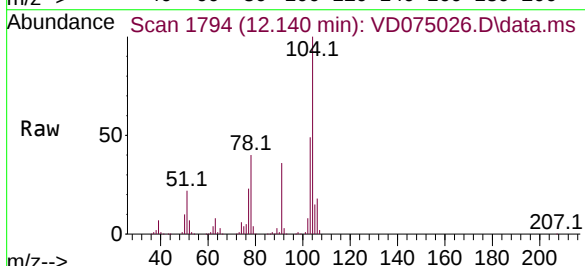
Tgt Ion:104 Resp: 274281

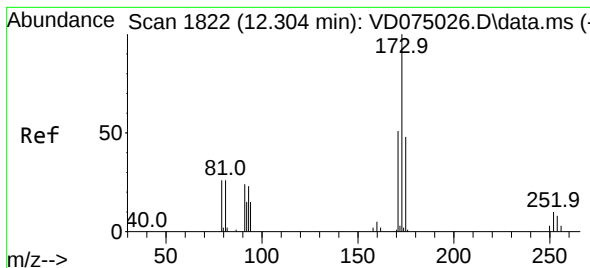
Ion Ratio Lower Upper

104 100

78 44.4 35.5 53.3

103 54.9 43.9 65.9





#71

Bromoform

Concen: 50.424 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

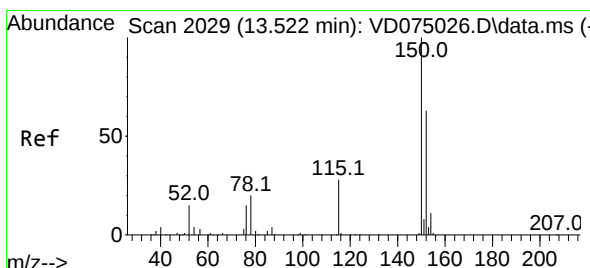
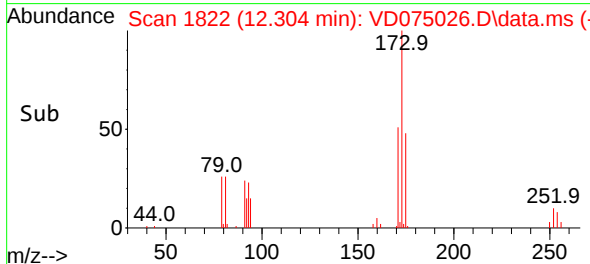
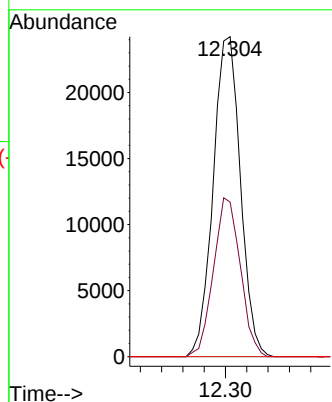
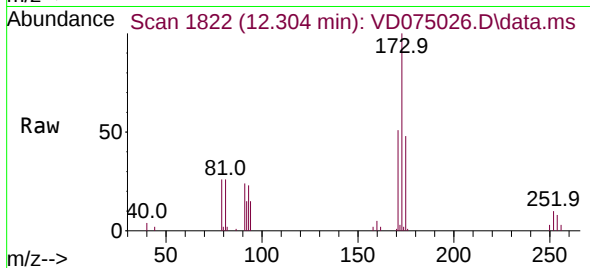
Tgt Ion:173 Resp: 43011

Ion Ratio Lower Upper

173 100

175 48.9 24.4 73.4

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: VD075026.D

Acq: 15 Dec 2022 14:09

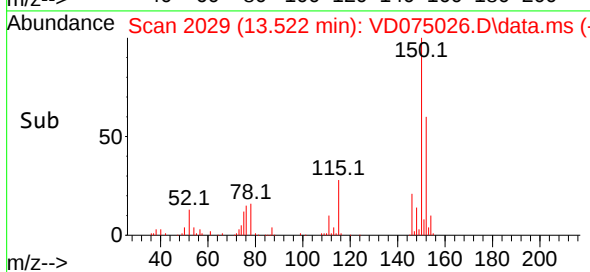
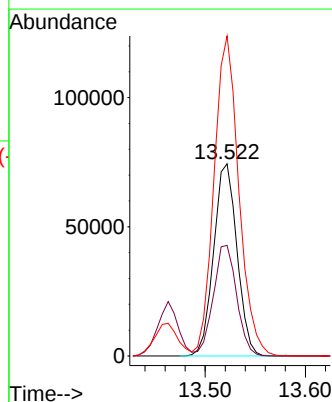
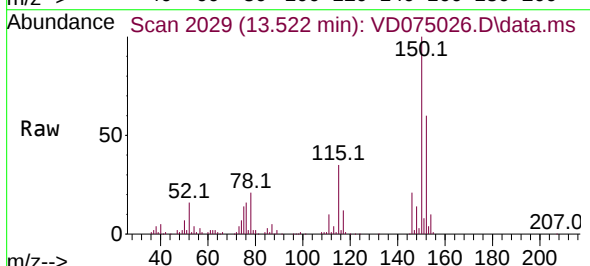
Tgt Ion:152 Resp: 120110

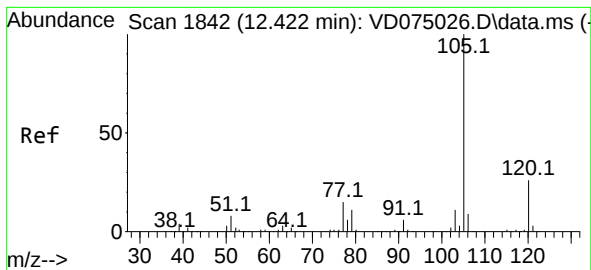
Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 177.1 0.0 354.2





#73

Isopropylbenzene

Concen: 53.714 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

Instrument :

MSVOA_D

ClientSampleId :

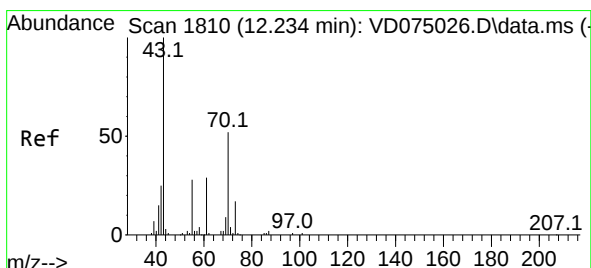
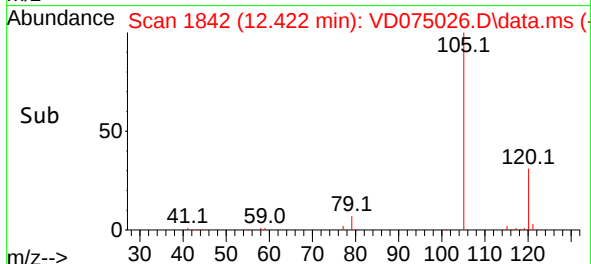
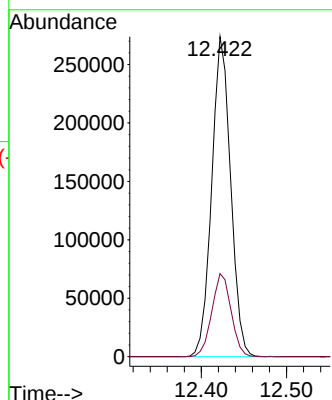
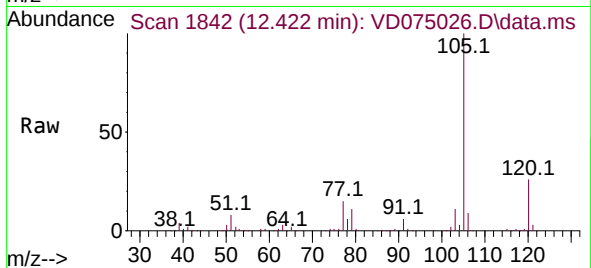
VSTDICCC050

Tgt Ion:105 Resp: 422197

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 52.639 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

Tgt Ion: 43 Resp: 70535

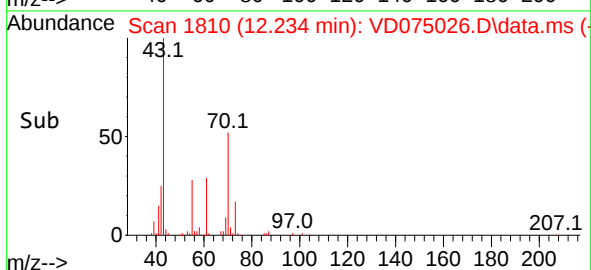
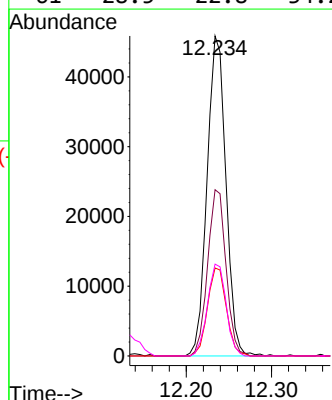
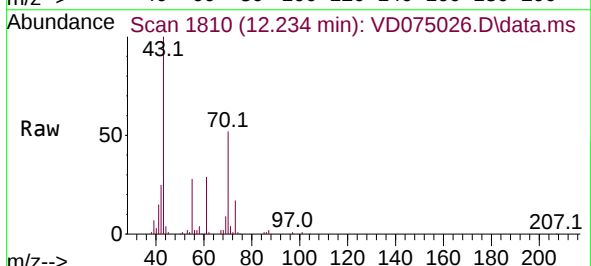
Ion Ratio Lower Upper

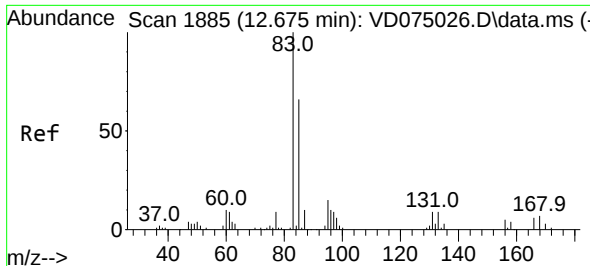
43 100

70 50.7 40.6 60.8

55 27.5 22.0 33.0

61 28.5 22.8 34.2

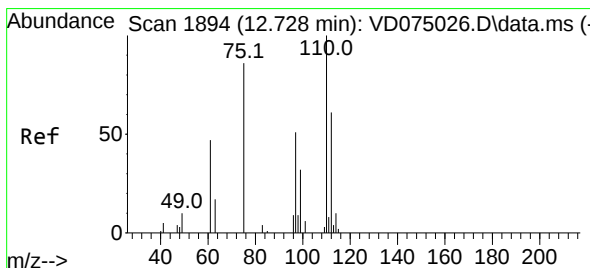
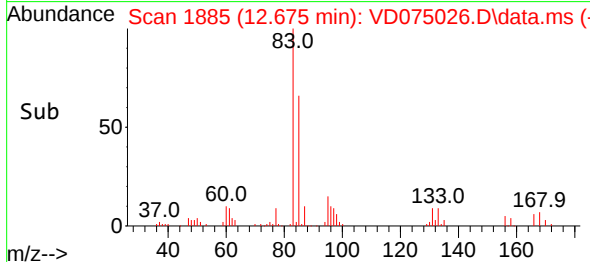
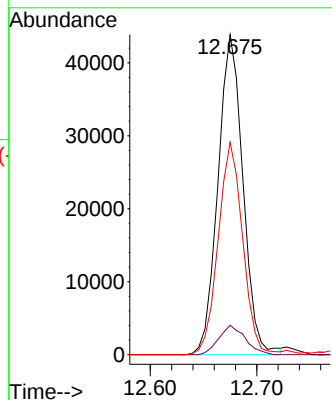
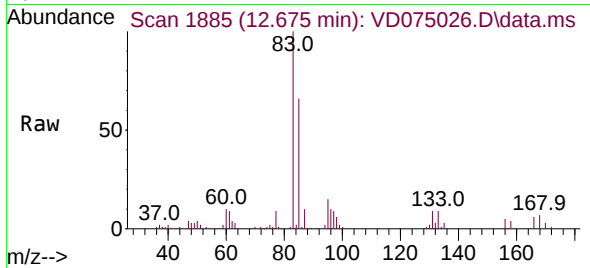




#75
1,1,2-Tetrachloroethane
Concen: 49.731 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

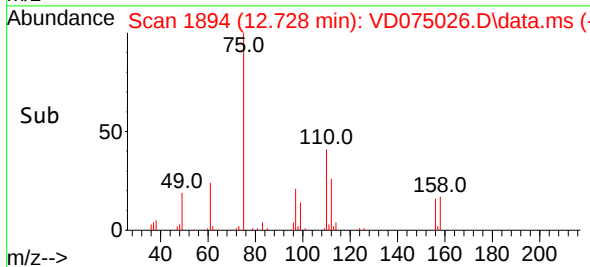
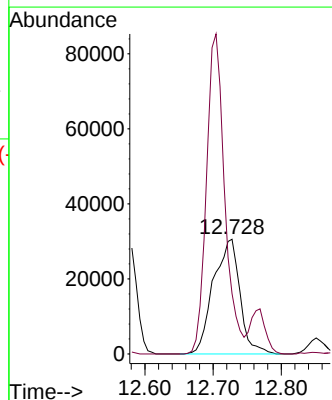
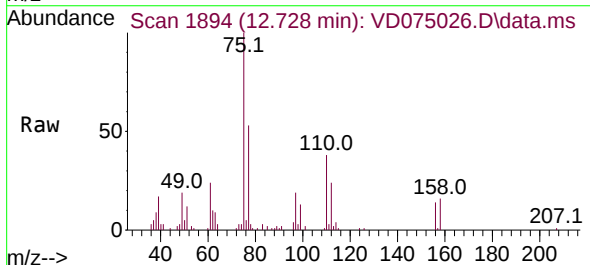
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

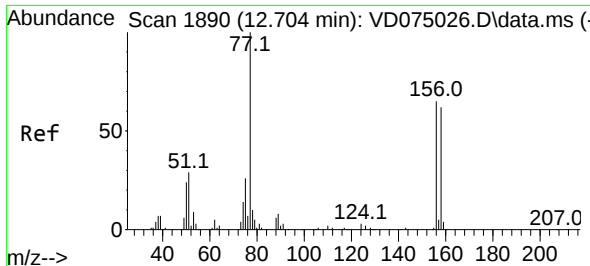
Tgt Ion: 83 Resp: 71333
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.6
85 65.1 32.6 97.7



#76
1,2,3-Trichloropropane
Concen: 54.616 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion: 75 Resp: 82847
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

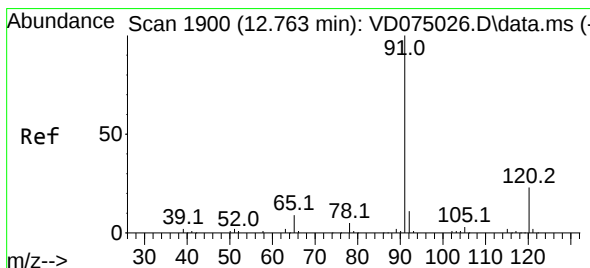
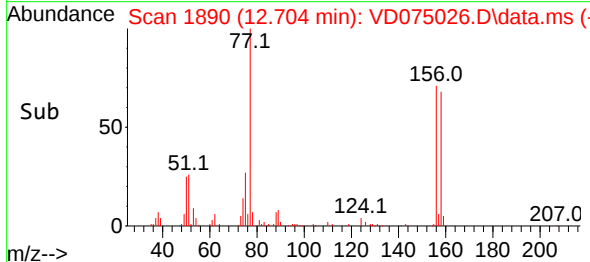
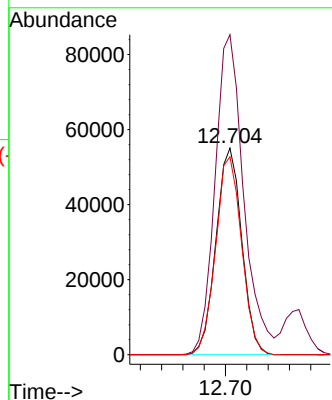
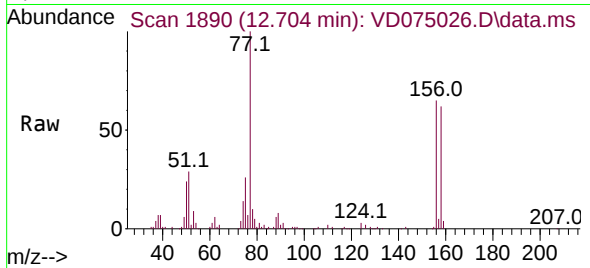




#77
Bromobenzene
Concen: 51.589 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

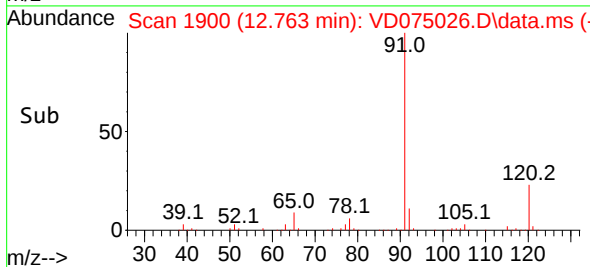
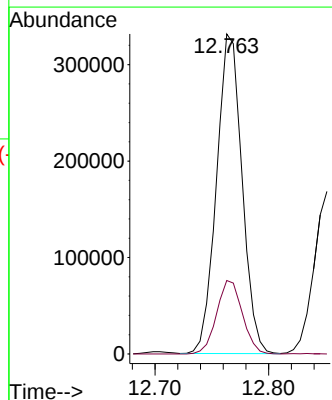
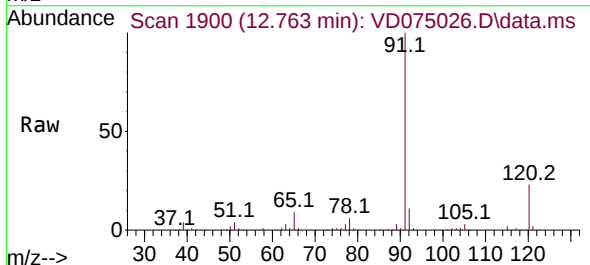
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

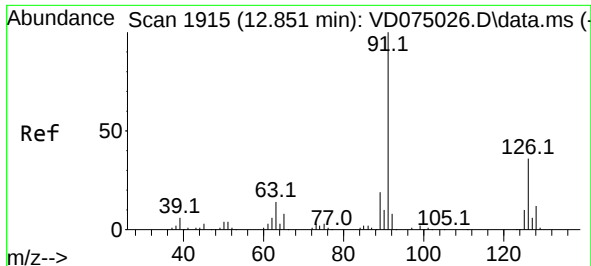
Tgt Ion:156 Resp: 92351
Ion Ratio Lower Upper
156 100
77 172.6 86.3 258.9
158 96.6 48.3 144.9



#78
n-propylbenzene
Concen: 53.884 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion: 91 Resp: 517736
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.7

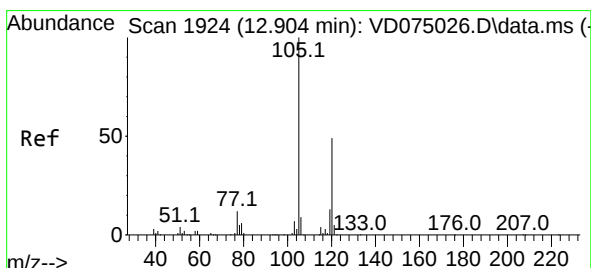
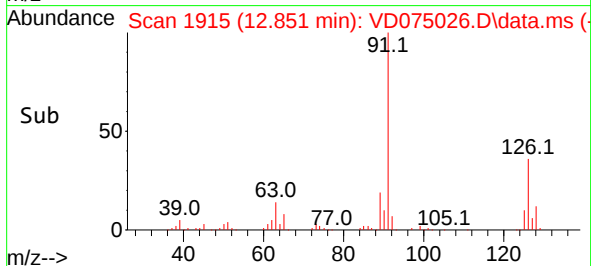
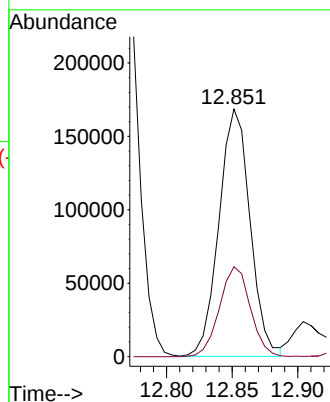
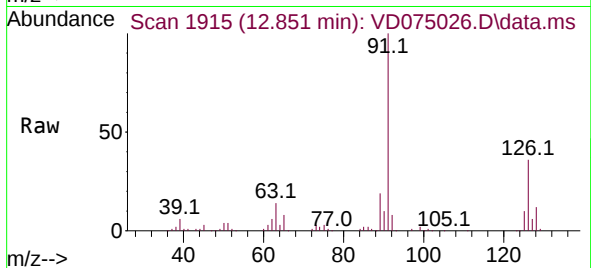




#79
2-Chlorotoluene
Concen: 52.535 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

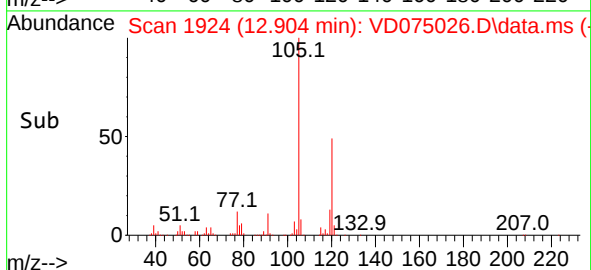
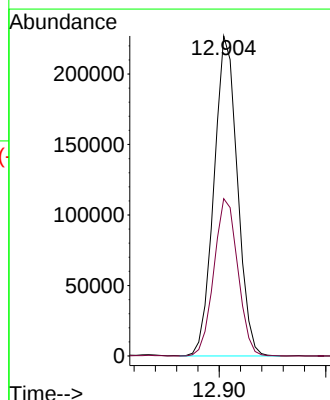
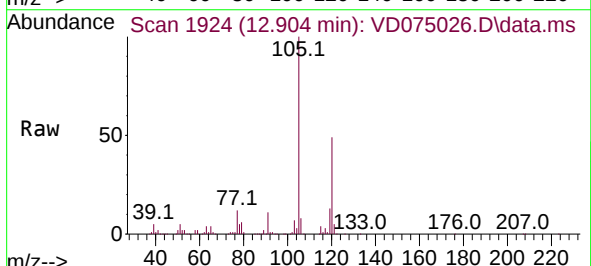
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

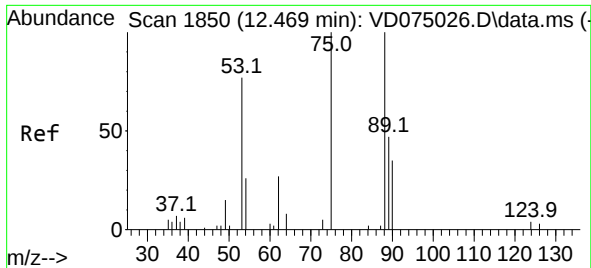
Tgt Ion: 91 Resp: 278052
Ion Ratio Lower Upper
91 100
126 36.0 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 53.040 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion: 105 Resp: 346085
Ion Ratio Lower Upper
105 100
120 50.2 25.1 75.3

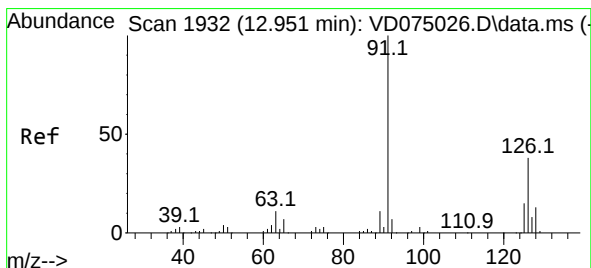
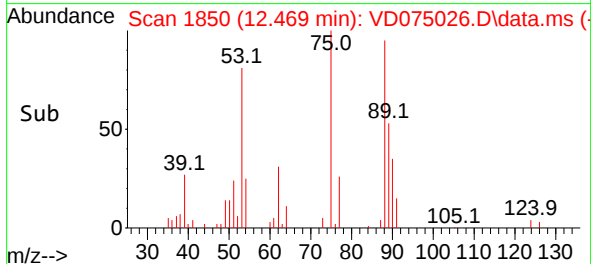
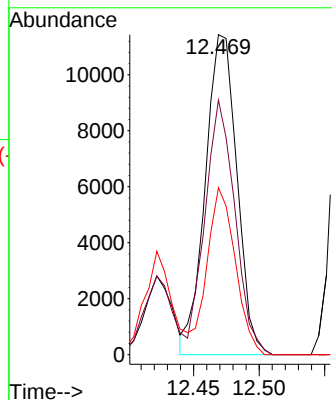
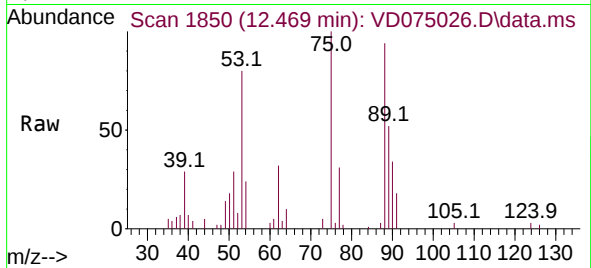




#81
trans-1,4-Dichloro-2-butene
Concen: 51.353 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

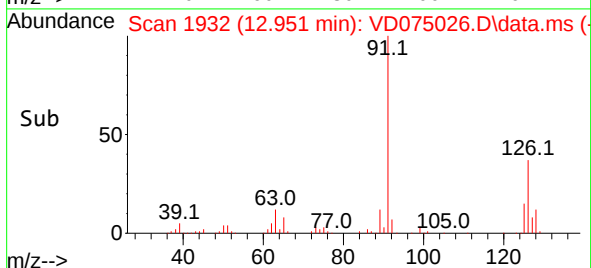
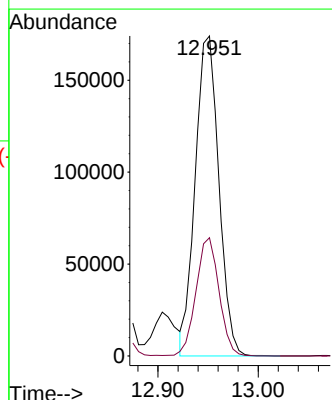
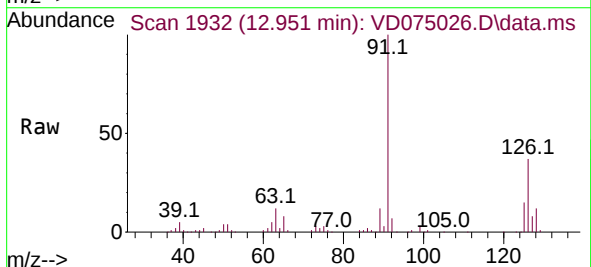
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

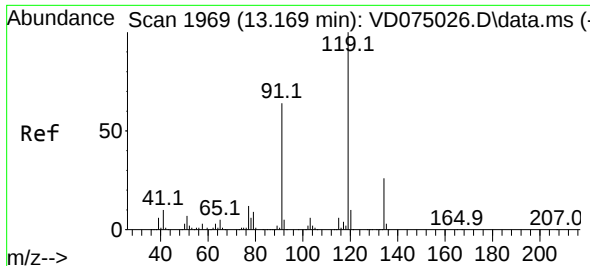
Tgt Ion: 75 Resp: 19188
Ion Ratio Lower Upper
75 100
53 75.0 60.0 90.0
89 46.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 52.054 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion: 91 Resp: 285185
Ion Ratio Lower Upper
91 100
126 36.1 18.1 54.1

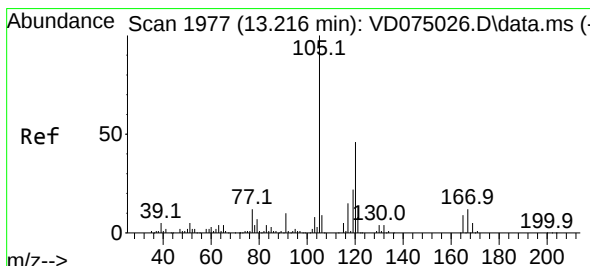
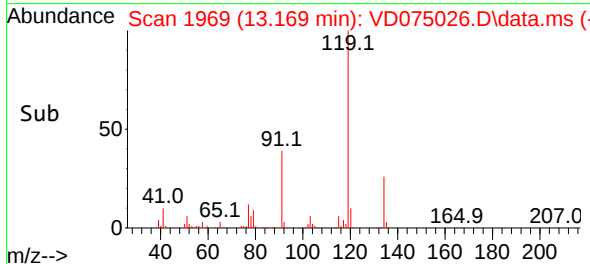
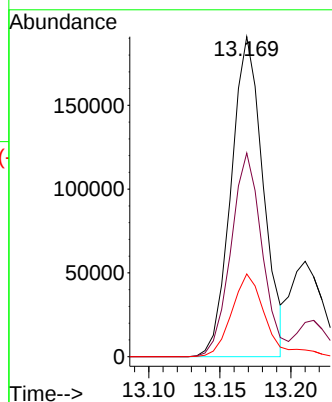
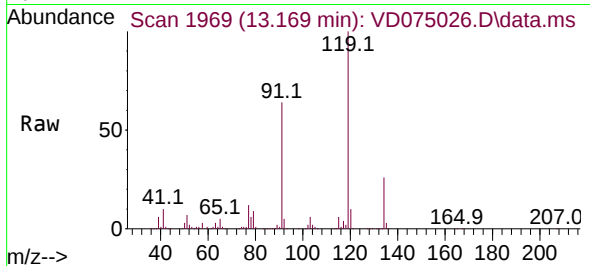




#83
 tert-Butylbenzene
 Concen: 53.203 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD075026.D
 Acq: 15 Dec 2022 14:09

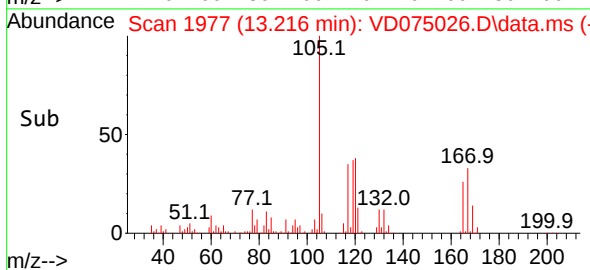
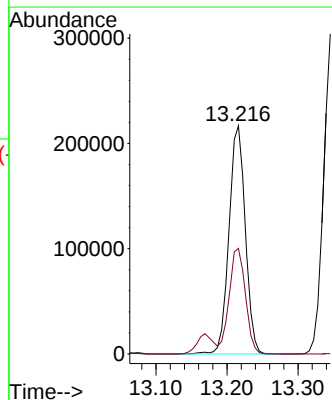
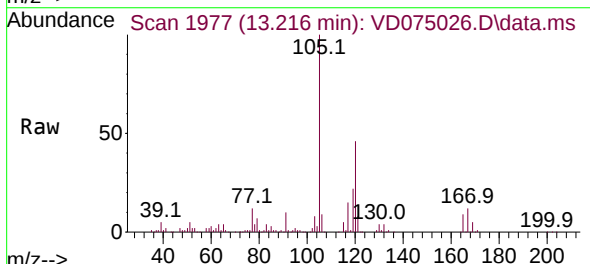
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

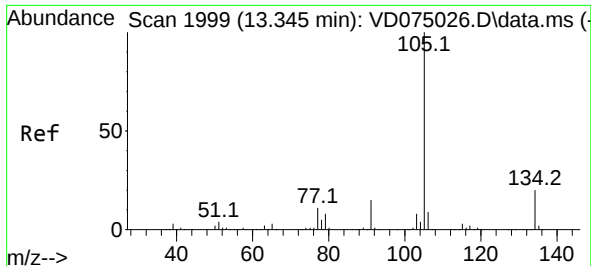
Tgt Ion:119 Resp: 299631
 Ion Ratio Lower Upper
 119 100
 91 62.4 31.2 93.6
 134 27.5 13.8 41.3



#84
 1,2,4-Trimethylbenzene
 Concen: 53.414 ug/l
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: VD075026.D
 Acq: 15 Dec 2022 14:09

Tgt Ion:105 Resp: 345429
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.3

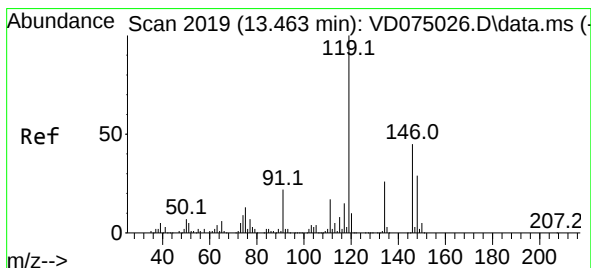
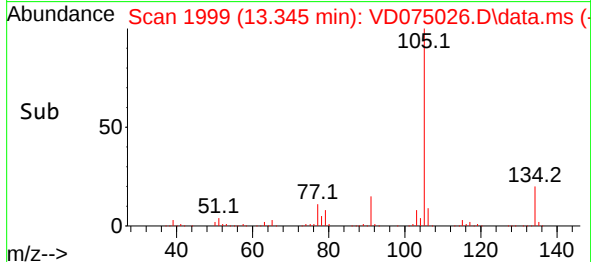
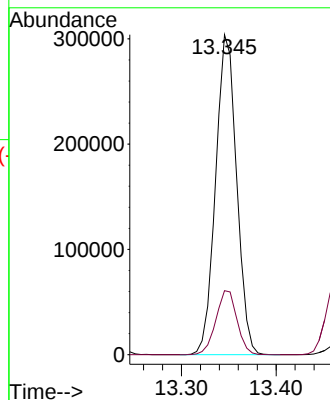
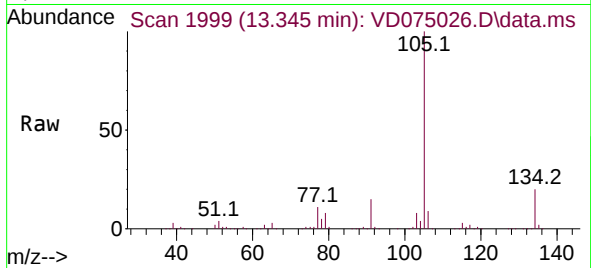




#85
 sec-Butylbenzene
 Concen: 53.368 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075026.D
 Acq: 15 Dec 2022 14:09

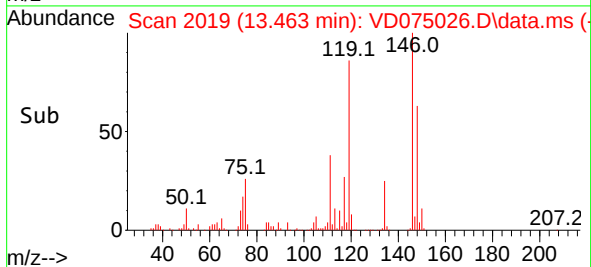
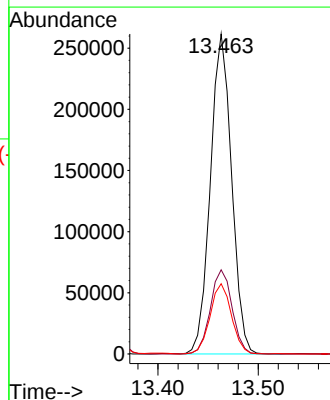
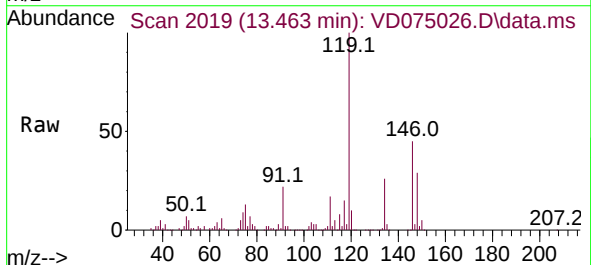
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

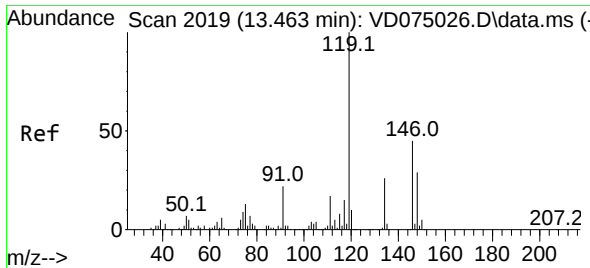
Tgt Ion:105 Resp: 468729
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 53.176 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075026.D
 Acq: 15 Dec 2022 14:09

Tgt Ion:119 Resp: 385740
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.2
 91 22.1 11.1 33.1

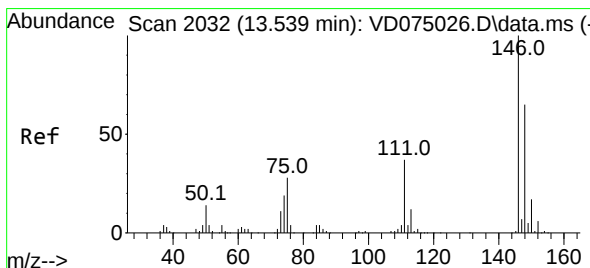
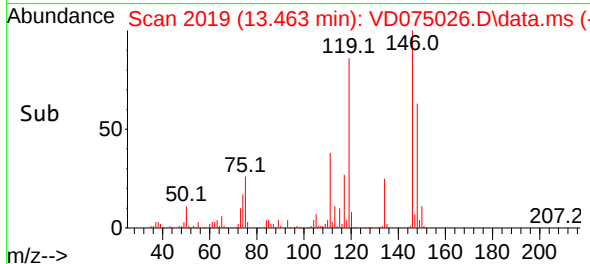
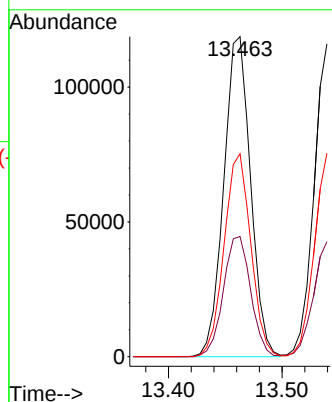
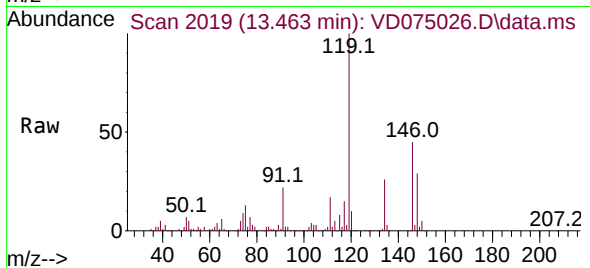




#87
 1,3-Dichlorobenzene
 Concen: 51.171 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075026.D
 Acq: 15 Dec 2022 14:09

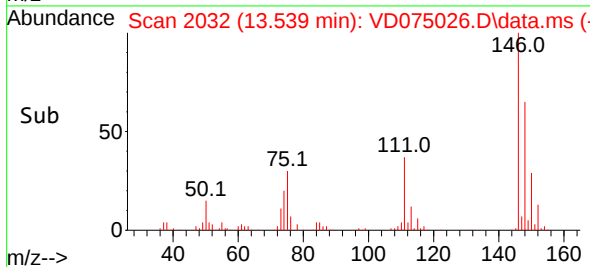
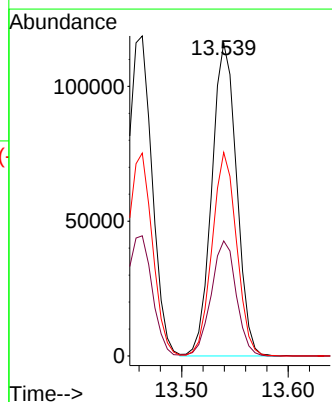
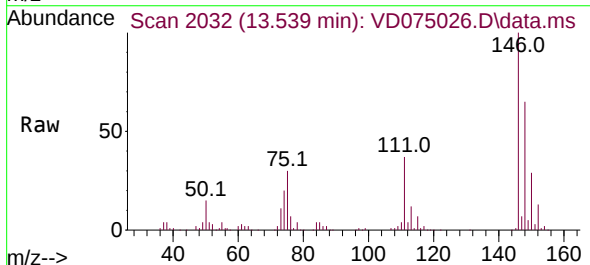
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

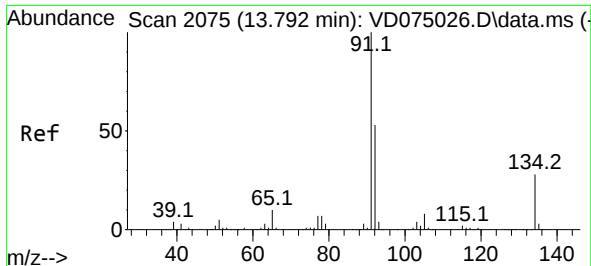
Tgt Ion:146 Resp: 194360
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.5
 148 63.4 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 50.292 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD075026.D
 Acq: 15 Dec 2022 14:09

Tgt Ion:146 Resp: 187791
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 55.6
 148 64.1 32.0 96.2

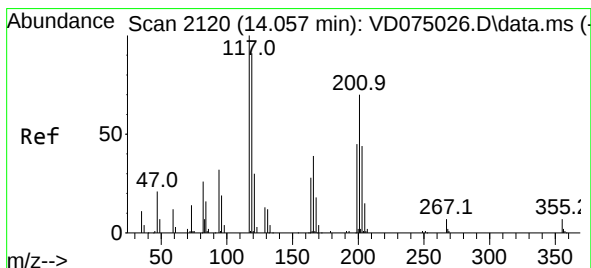
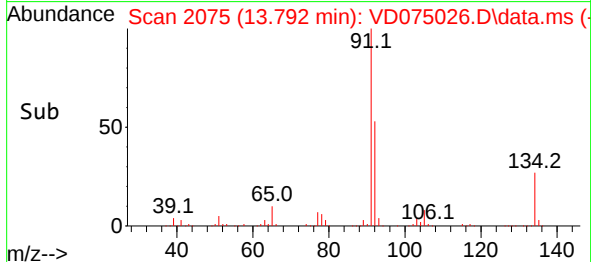
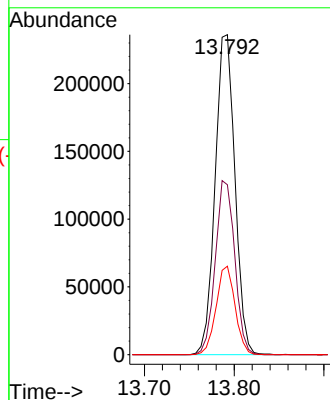
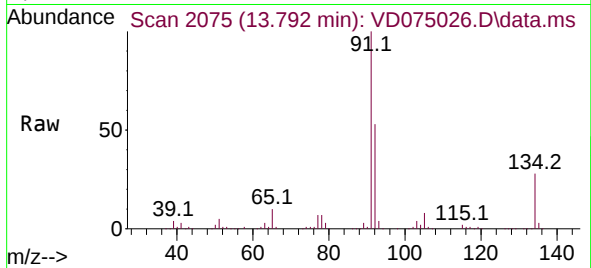




#89
n-Butylbenzene
Concen: 53.116 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

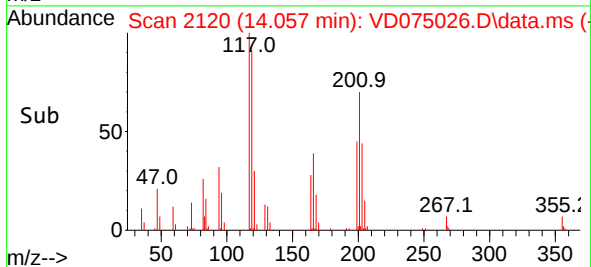
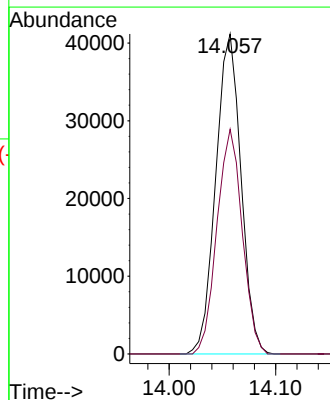
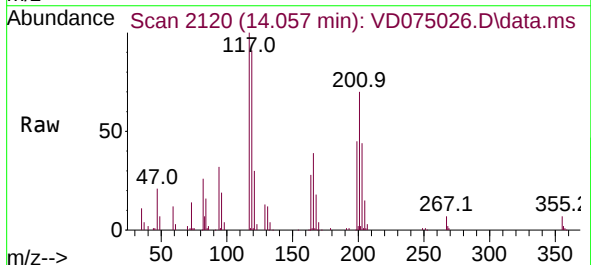
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

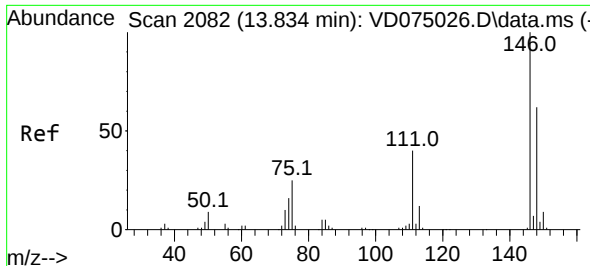
Tgt Ion: 91 Resp: 361368
Ion Ratio Lower Upper
91 100
92 53.5 26.8 80.3
134 26.5 13.3 39.8



#90
Hexachloroethane
Concen: 51.939 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion: 117 Resp: 67730
Ion Ratio Lower Upper
117 100
201 70.2 35.1 105.3





#91

1,2-Dichlorobenzene

Concen: 51.040 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

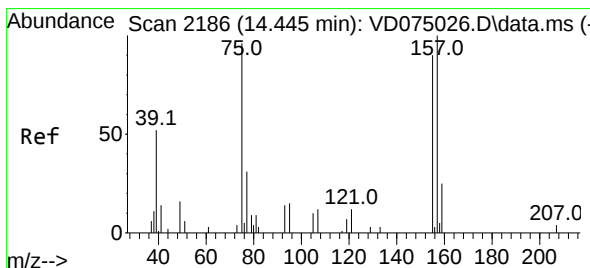
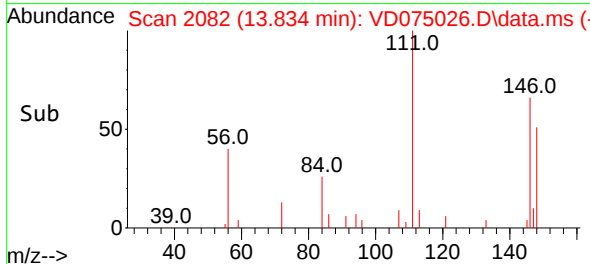
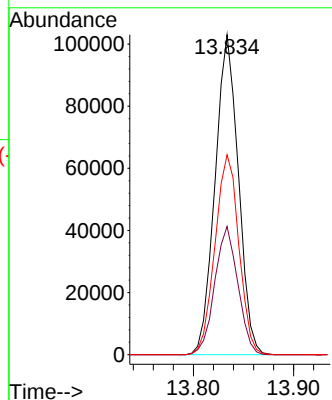
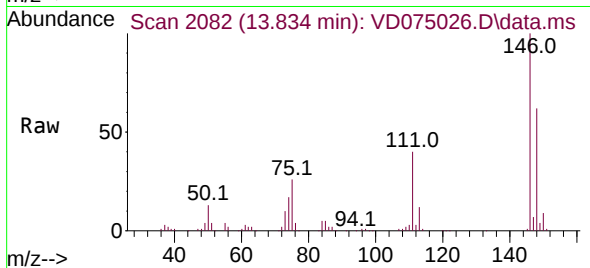
Tgt Ion:146 Resp: 166261

Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.7

148 63.9 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.919 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD075026.D

Acq: 15 Dec 2022 14:09

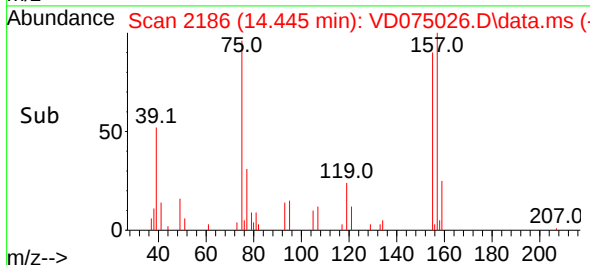
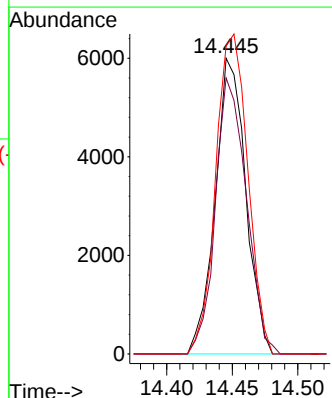
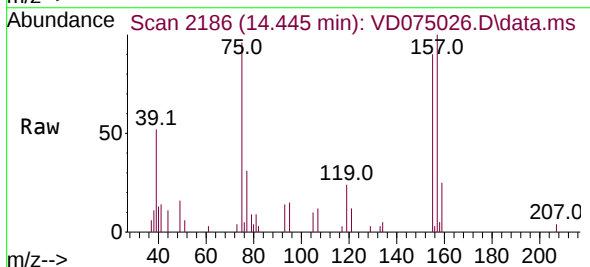
Tgt Ion: 75 Resp: 9730

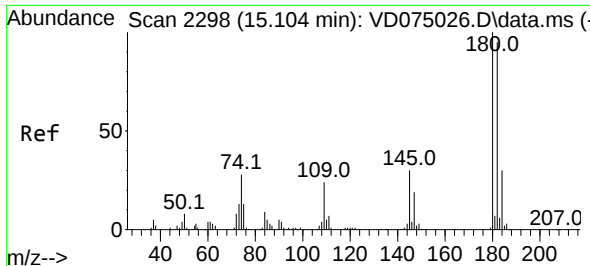
Ion Ratio Lower Upper

75 100

155 94.3 47.1 141.4

157 113.4 56.7 170.1

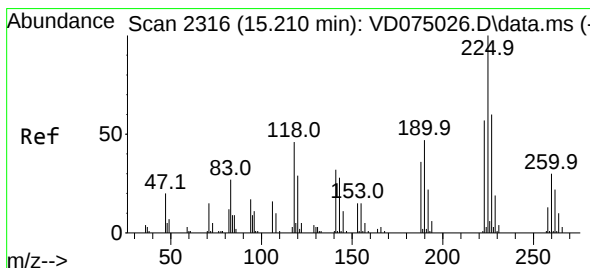
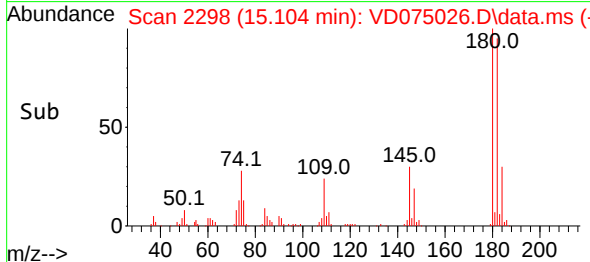
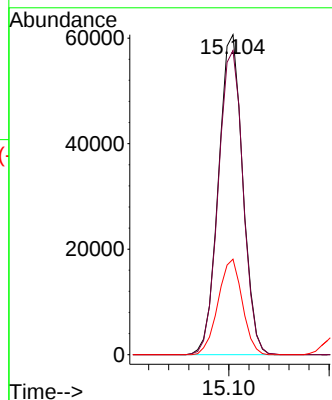
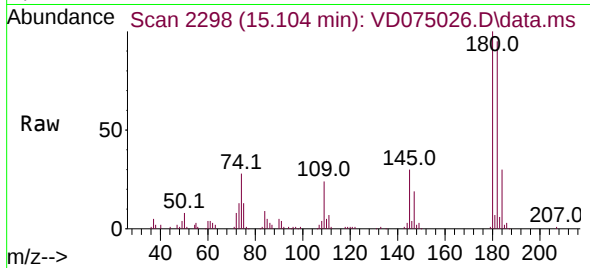




#93
1,2,4-Trichlorobenzene
Concen: 51.674 ug/l
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

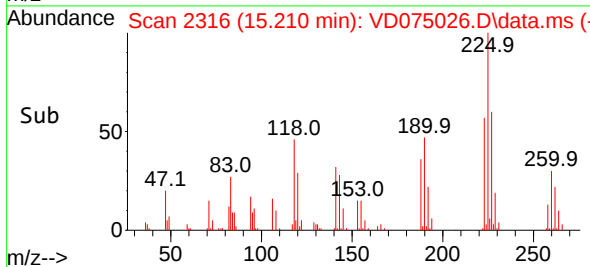
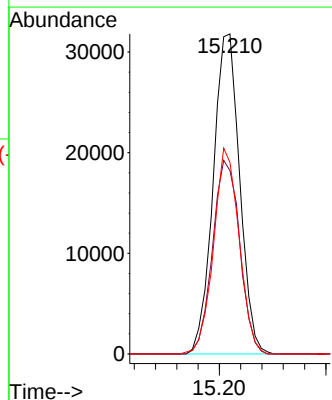
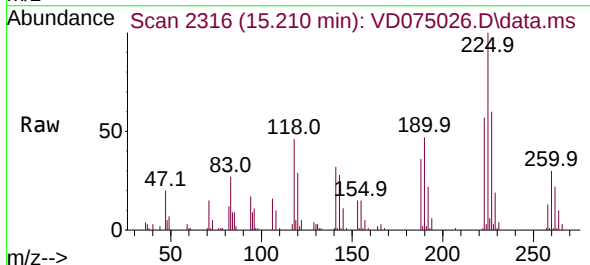
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

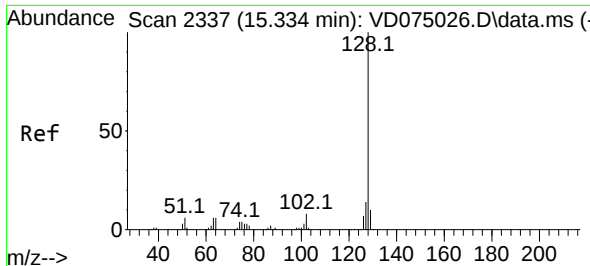
Tgt Ion:180 Resp: 101597
Ion Ratio Lower Upper
180 100
182 97.0 48.5 145.5
145 29.7 14.9 44.5



#94
Hexachlorobutadiene
Concen: 52.588 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion:225 Resp: 54873
Ion Ratio Lower Upper
225 100
223 62.0 31.0 93.0
227 62.0 31.0 93.0

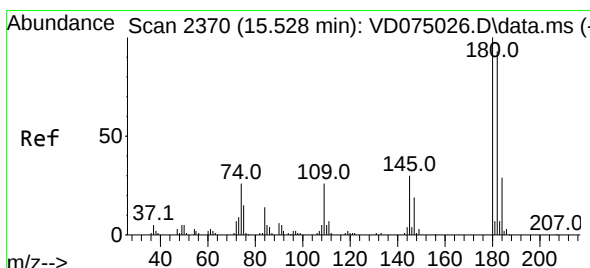
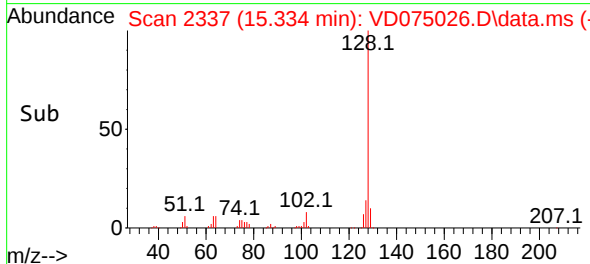
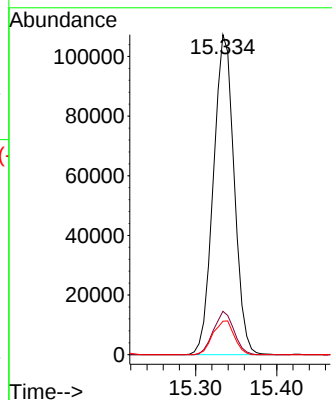
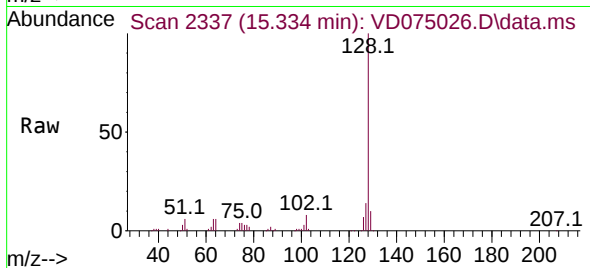




#95
Naphthalene
Concen: 52.046 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 190692
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.713 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.000 min
Lab File: VD075026.D
Acq: 15 Dec 2022 14:09

Tgt Ion:180 Resp: 88975
Ion Ratio Lower Upper
180 100
182 92.6 46.3 138.9
145 30.6 15.3 45.9

