

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075146.D
 Acq On : 20 Jan 2023 11:13
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 23 00:24:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	87549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	150535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	130836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	59366	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	44472	49.780	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.560%
35) Dibromofluoromethane	7.805	113	46918	51.579	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.160%
50) Toluene-d8	10.269	98	185290	51.734	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.460%
62) 4-Bromofluorobenzene	12.575	95	57435	50.528	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	35307	51.921	ug/l	99
3) Chloromethane	2.146	50	51829	45.829	ug/l	99
4) Vinyl Chloride	2.281	62	56901	46.889	ug/l	97
5) Bromomethane	2.693	94	39063	47.332	ug/l	100
6) Chloroethane	2.834	64	41232	49.003	ug/l	95
7) Trichlorofluoromethane	3.175	101	79531	51.560	ug/l	97
8) Diethyl Ether	3.593	74	25564	51.437	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.969	101	50649	53.190	ug/l	97
10) Methyl Iodide	4.164	142	64604	50.400	ug/l	98
11) Tert butyl alcohol	5.058	59	14381	230.745	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	52222	52.094	ug/l	90
13) Acrolein	3.799	56	12061	232.711	ug/l	96
14) Allyl chloride	4.564	41	84473	51.923	ug/l	98
15) Acrylonitrile	5.252	53	55730	265.190	ug/l	98
16) Acetone	4.017	43	70787	300.426	ug/l	99
17) Carbon Disulfide	4.269	76	169543	52.144	ug/l	99
18) Methyl Acetate	4.564	43	32383	50.562	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	107220	51.202	ug/l	99
20) Methylene Chloride	4.799	84	60348	49.014	ug/l	98
21) trans-1,2-Dichloroethene	5.311	96	58244	52.191	ug/l	96
22) Diisopropyl ether	6.216	45	157678	52.073	ug/l	98
23) Vinyl Acetate	6.158	43	378433	283.562	ug/l	98
24) 1,1-Dichloroethane	6.116	63	100857	53.001	ug/l	97
25) 2-Butanone	7.081	43	80160	281.484	ug/l	94
26) 2,2-Dichloropropane	7.075	77	84148	49.606	ug/l	100
27) cis-1,2-Dichloroethene	7.087	96	62923	51.726	ug/l	98
28) Bromochloromethane	7.428	49	25280	48.657	ug/l	96
29) Tetrahydrofuran	7.446	42	42305	260.458	ug/l	98
30) Chloroform	7.599	83	97276	51.262	ug/l	95
31) Cyclohexane	7.881	56	91494	51.065	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	86186	52.718	ug/l	99
36) 1,1-Dichloropropene	8.005	75	77573	53.077	ug/l	100
37) Ethyl Acetate	7.169	43	30191	51.275	ug/l	98
38) Carbon Tetrachloride	7.993	117	67593	54.929	ug/l	99
39) Methylcyclohexane	9.275	83	99062	55.001	ug/l	98
40) Benzene	8.252	78	218691	52.470	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	17649	49.814	ug/l	94
42) 1,2-Dichloroethane	8.328	62	58190	53.151	ug/l	99
43) Isopropyl Acetate	8.363	43	59908	52.284	ug/l	98
44) Trichloroethene	9.028	130	60442	51.570	ug/l	94
45) 1,2-Dichloropropane	9.305	63	55143	53.710	ug/l	100
46) Dibromomethane	9.393	93	28053	51.810	ug/l	99
47) Bromodichloromethane	9.587	83	71209	53.010	ug/l	92
48) Methyl methacrylate	9.381	41	28284	50.479	ug/l	98
49) 1,4-Dioxane	9.381	88	5451	1054.529	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	146015	265.368	ug/l	99
52) Toluene	10.340	92	138802	52.698	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	66417	52.260	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	82933	53.413	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	37523	52.365	ug/l	97
56) Ethyl methacrylate	10.604	69	45930	53.300	ug/l	99
57) 1,3-Dichloropropane	10.881	76	64609	52.472	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	81317	275.772	ug/l	99
59) 2-Hexanone	10.922	43	114072	286.719	ug/l	99
60) Dibromochloromethane	11.075	129	45252	52.394	ug/l	98
61) 1,2-Dibromoethane	11.181	107	35116	51.291	ug/l	100
64) Tetrachloroethene	10.810	164	49845	53.350	ug/l	95
65) Chlorobenzene	11.610	112	140009	52.223	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.687	131	48499	53.782	ug/l	97
67) Ethyl Benzene	11.687	91	259813	53.838	ug/l	98
68) m/p-Xylenes	11.798	106	199580	107.057	ug/l	97
69) o-Xylene	12.122	106	93139	53.262	ug/l	100
70) Styrene	12.140	104	153776	52.899	ug/l	99
71) Bromoform	12.304	173	25017	53.726	ug/l #	96
73) Isopropylbenzene	12.422	105	249210	53.145	ug/l	100
74) N-amyl acetate	12.234	43	52161	50.779	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	39654	53.075	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	50585	100.609	ug/l #	100
77) Bromobenzene	12.704	156	53866	50.291	ug/l	97
78) n-propylbenzene	12.769	91	299521	51.979	ug/l	100
79) 2-Chlorotoluene	12.851	91	164329	51.852	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	201502	52.449	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	12073	55.698	ug/l	97
82) 4-Chlorotoluene	12.951	91	166226	51.014	ug/l	99
83) tert-Butylbenzene	13.169	119	179459	53.985	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	198623	52.643	ug/l	99
85) sec-Butylbenzene	13.351	105	265431	52.562	ug/l	98
86) p-Isopropyltoluene	13.463	119	217189	52.533	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	106905	51.490	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	105489	51.641	ug/l	99
89) n-Butylbenzene	13.793	91	210257	52.190	ug/l	100
90) Hexachloroethane	14.057	117	38487	52.717	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	91200	51.343	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5937	51.971	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	59112	50.678	ug/l	99
94) Hexachlorobutadiene	15.210	225	29075	50.862	ug/l	99
95) Naphthalene	15.339	128	112258	48.345	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	50204	50.442	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration

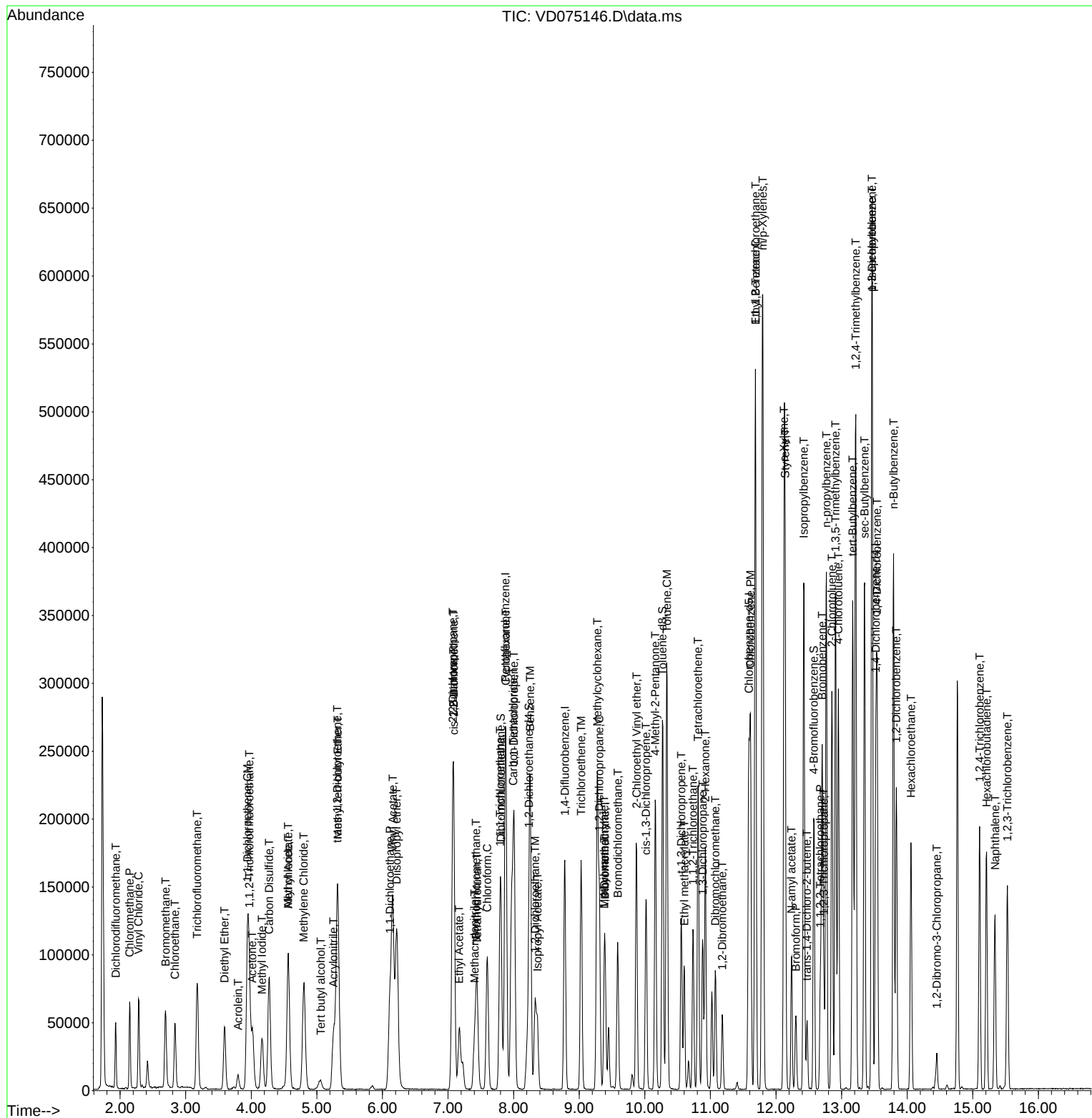
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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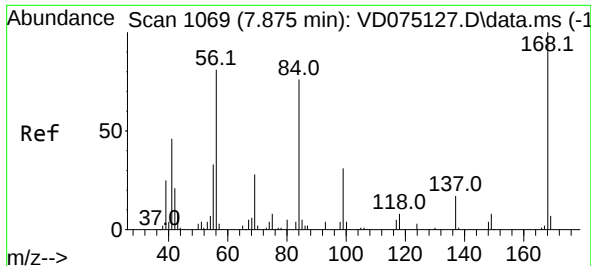
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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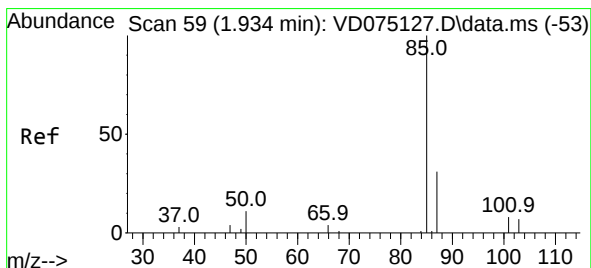
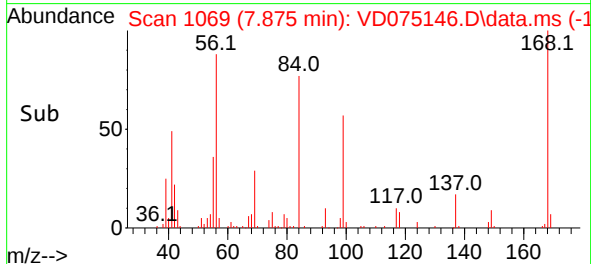
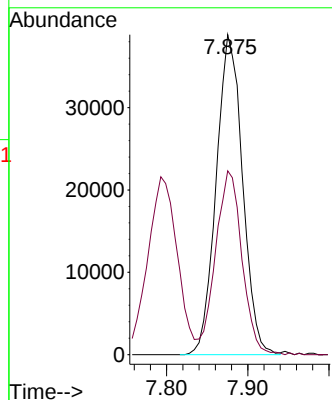
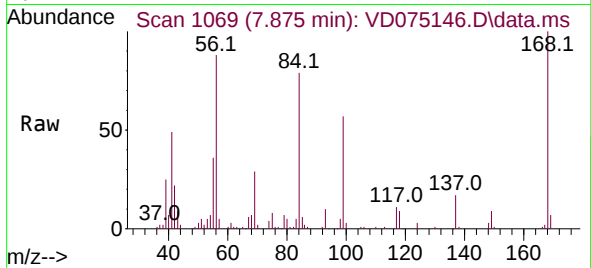




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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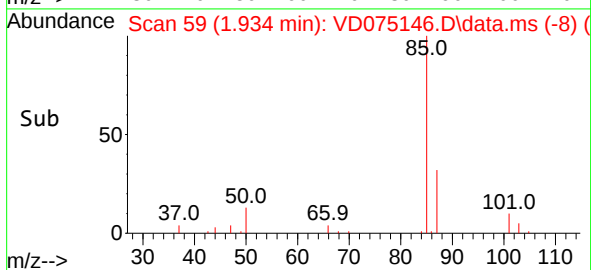
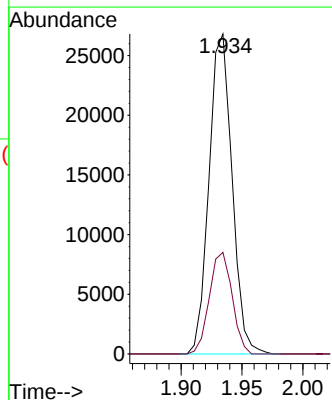
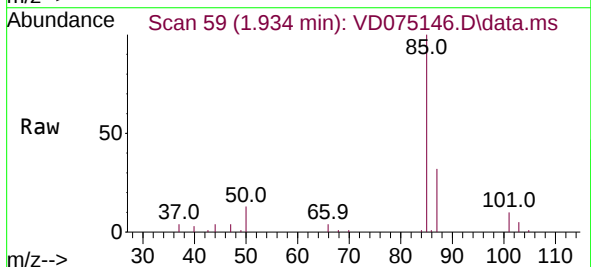
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

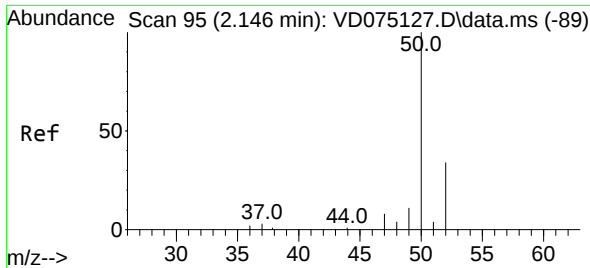
Tgt Ion:168 Resp: 87549
Ion Ratio Lower Upper
168 100
99 56.9 45.2 67.8



#2
Dichlorodifluoromethane
Concen: 51.921 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion: 85 Resp: 35307
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.0

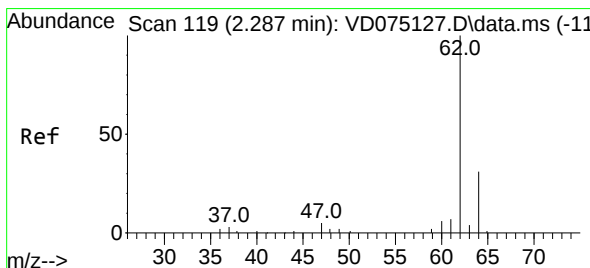
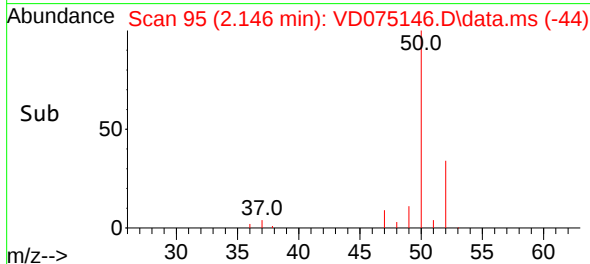
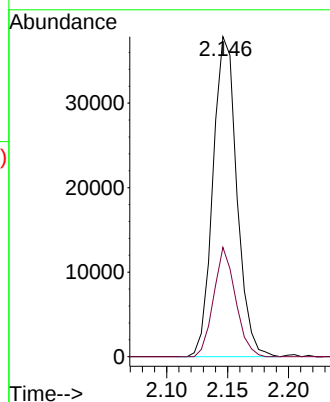
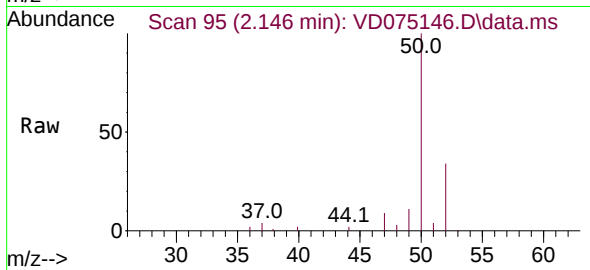




#3
Chloromethane
Concen: 45.829 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

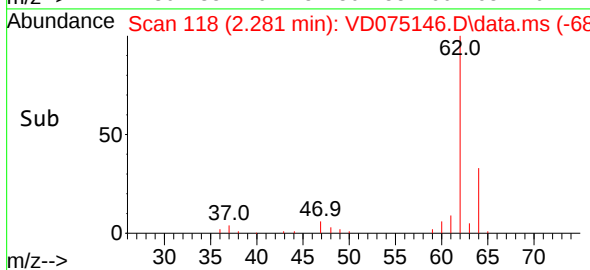
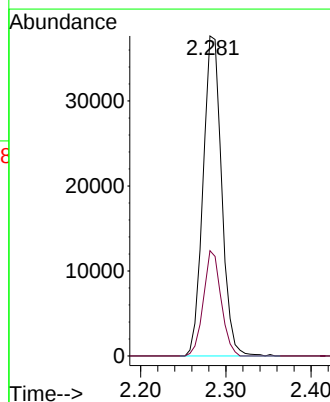
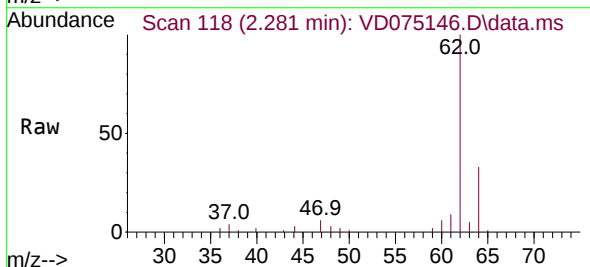
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ClientSampleId :
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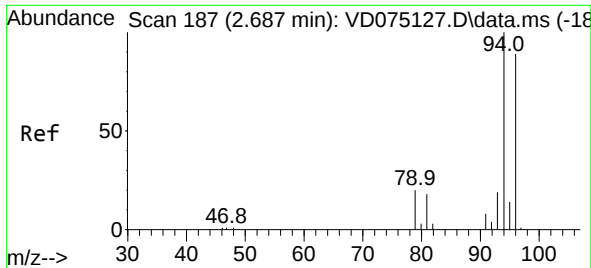
Tgt Ion: 50 Resp: 51829
Ion Ratio Lower Upper
50 100
52 34.2 27.0 40.6



#4
Vinyl Chloride
Concen: 46.889 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion: 62 Resp: 56901
Ion Ratio Lower Upper
62 100
64 32.9 24.8 37.2

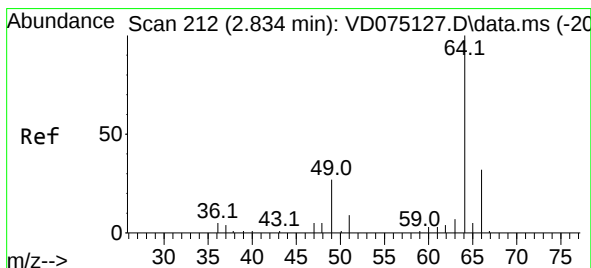
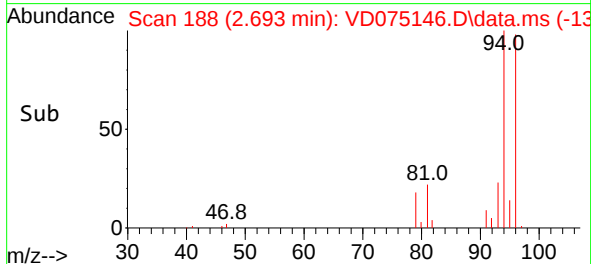
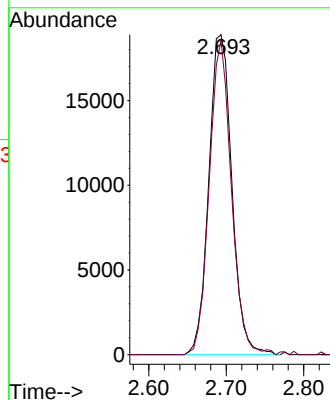
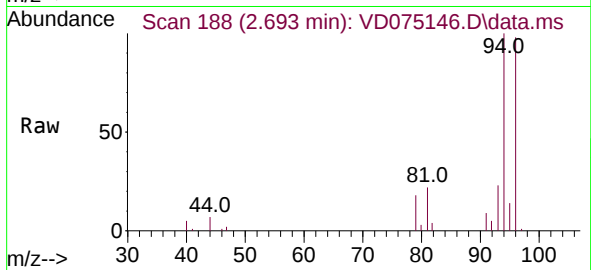




#5
Bromomethane
Concen: 47.332 ug/l
RT: 2.693 min Scan# 187
Delta R.T. 0.006 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

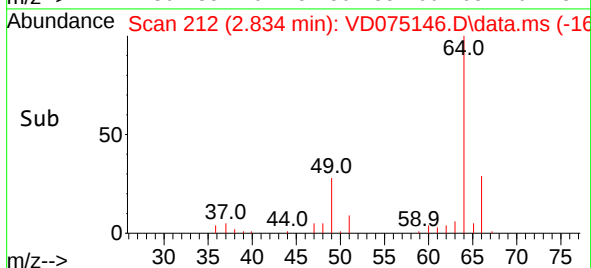
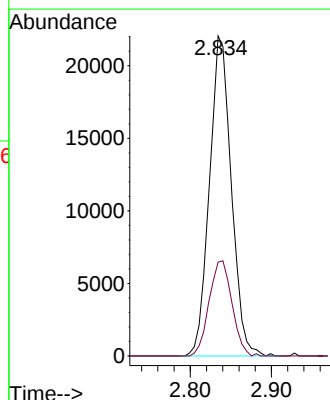
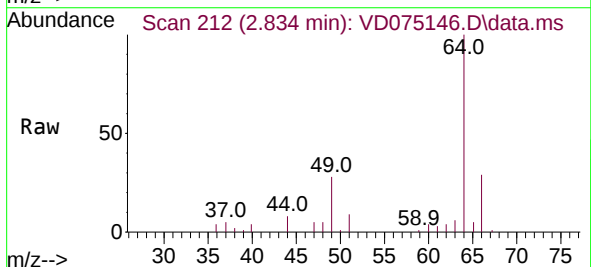
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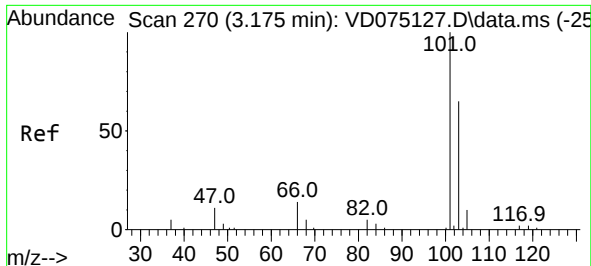
Tgt Ion: 94 Resp: 39063
Ion Ratio Lower Upper
94 100
96 93.9 74.8 112.2



#6
Chloroethane
Concen: 49.003 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion: 64 Resp: 41232
Ion Ratio Lower Upper
64 100
66 29.3 25.4 38.2

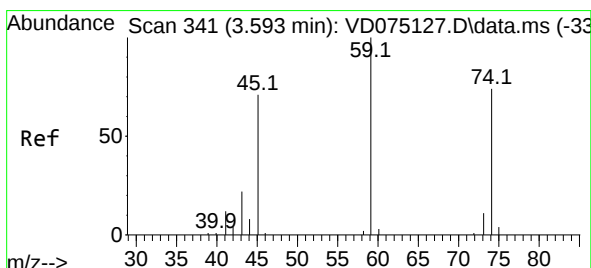
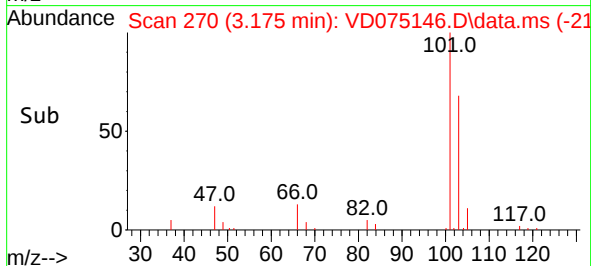
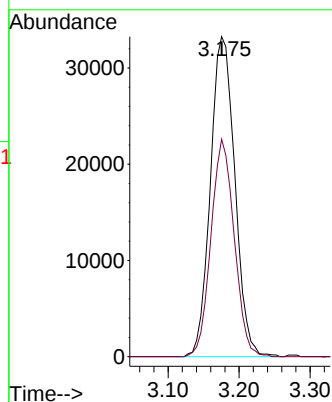
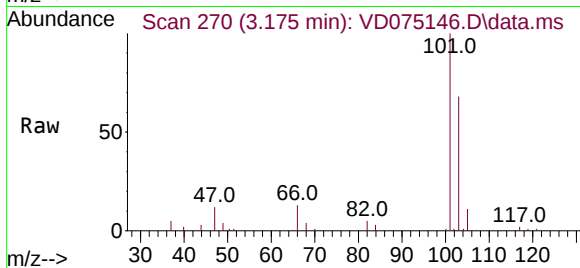




#7
Trichlorofluoromethane
Concen: 51.560 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075146.D
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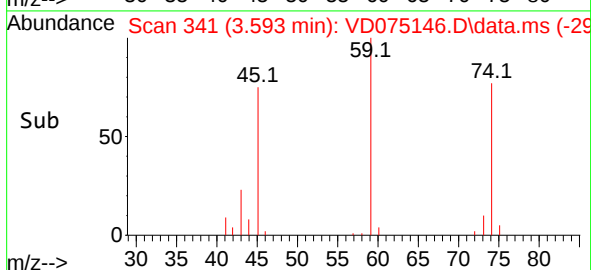
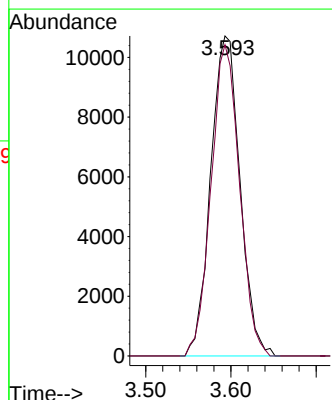
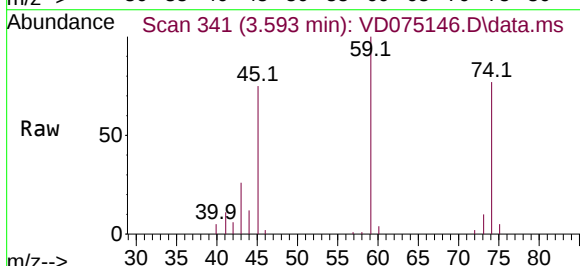
Instrument :
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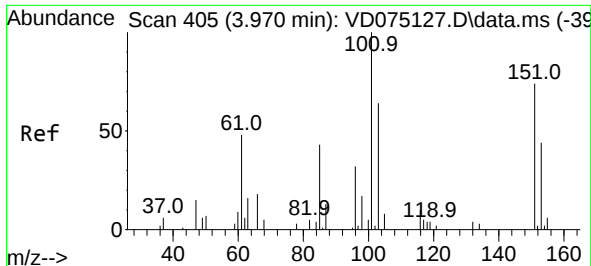
Tgt Ion:101 Resp: 79531
Ion Ratio Lower Upper
101 100
103 68.0 52.2 78.4



#8
Diethyl Ether
Concen: 51.437 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD075146.D
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Tgt Ion: 74 Resp: 25564
Ion Ratio Lower Upper
74 100
45 94.5 49.8 149.3

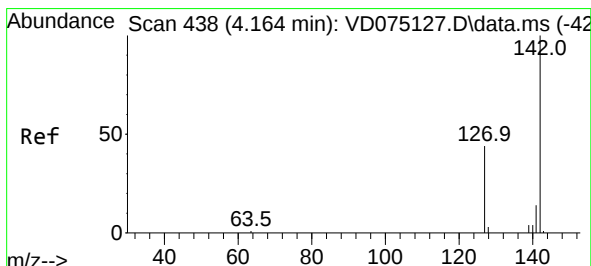
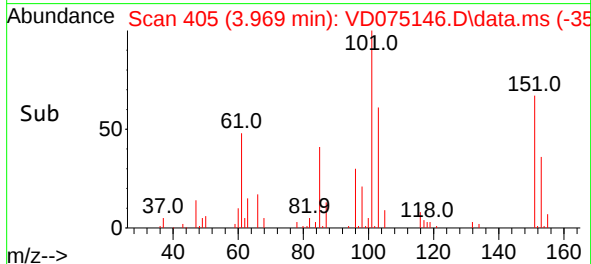
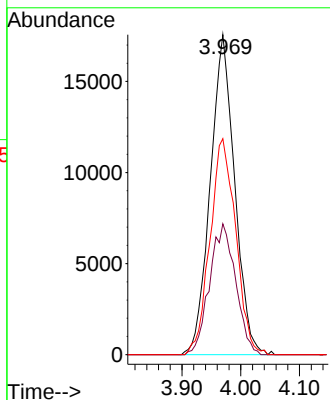
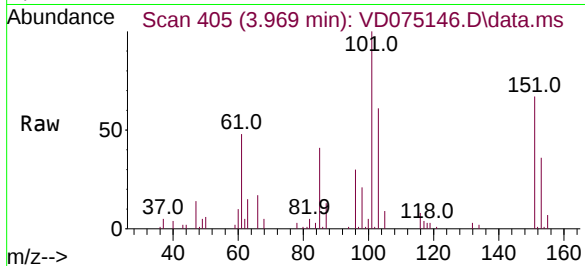




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.190 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

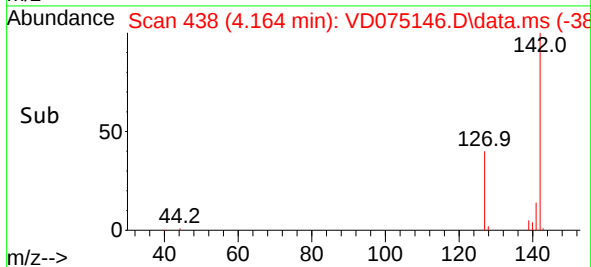
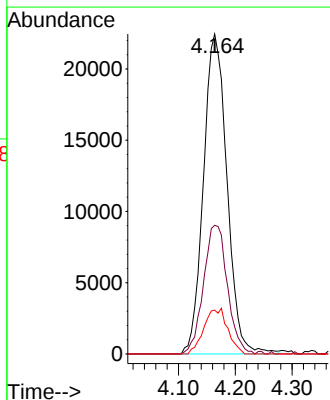
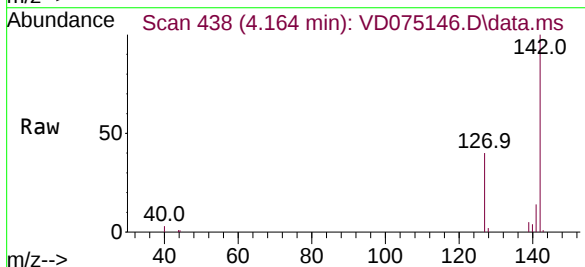
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 50649
Ion Ratio Lower Upper
101 100
85 43.7 36.9 55.3
151 71.1 58.9 88.3



#10
Methyl Iodide
Concen: 50.400 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion:142 Resp: 64604
Ion Ratio Lower Upper
142 100
127 40.8 33.6 50.4
141 14.3 11.1 16.7

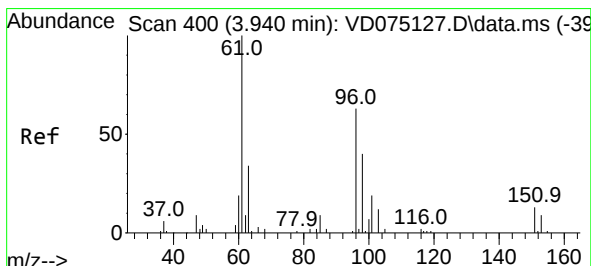
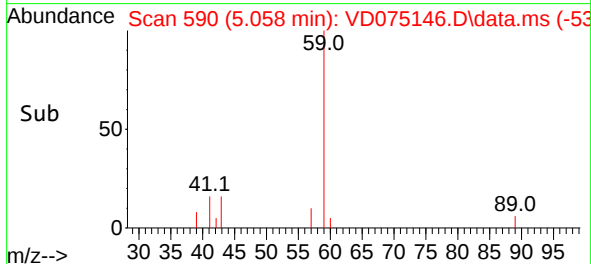
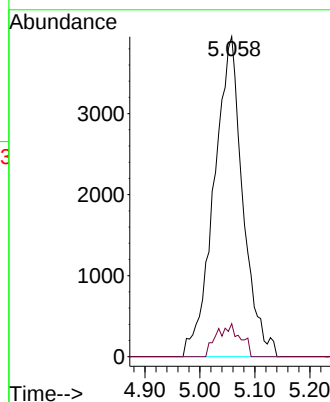
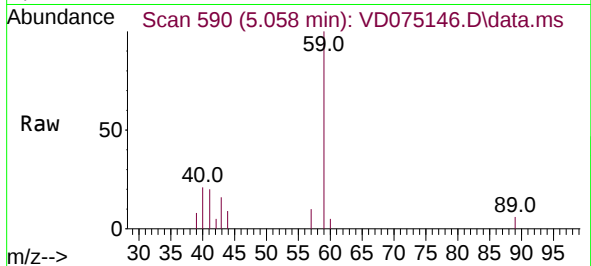




#11
Tert butyl alcohol
Concen: 230.745 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

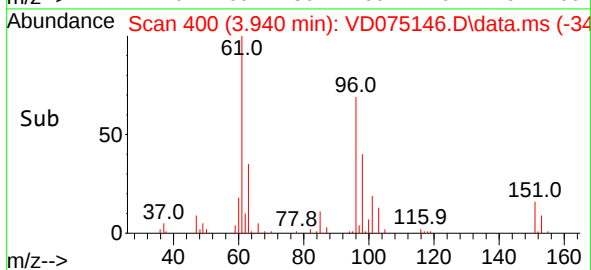
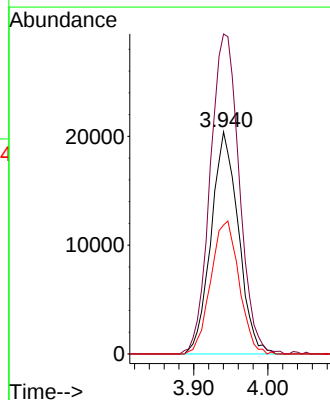
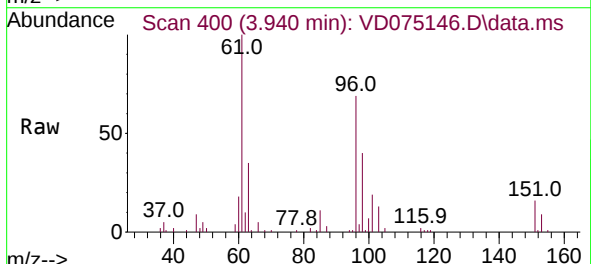
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

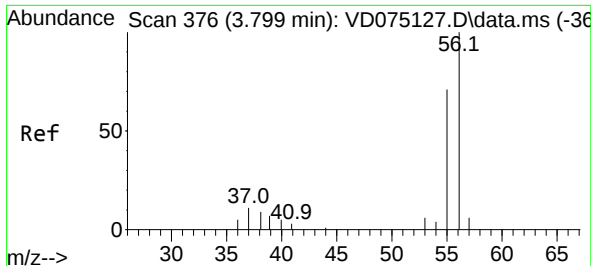
Tgt Ion: 59 Resp: 14381
Ion Ratio Lower Upper
59 100
57 0.0 2.9 4.3#



#12
1,1-Dichloroethene
Concen: 52.094 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion: 96 Resp: 52222
Ion Ratio Lower Upper
96 100
61 144.1 126.8 190.2
98 58.0 50.4 75.6

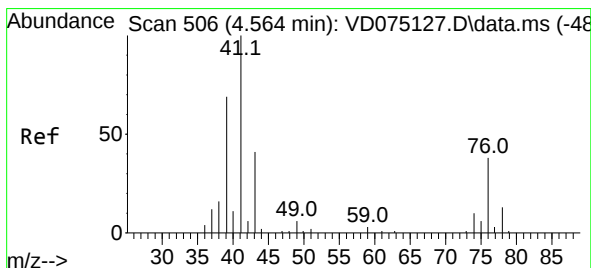
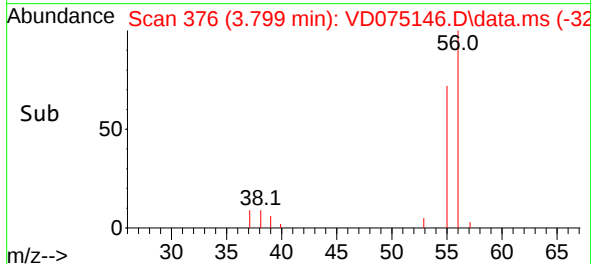
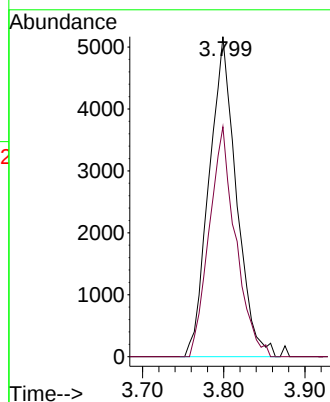
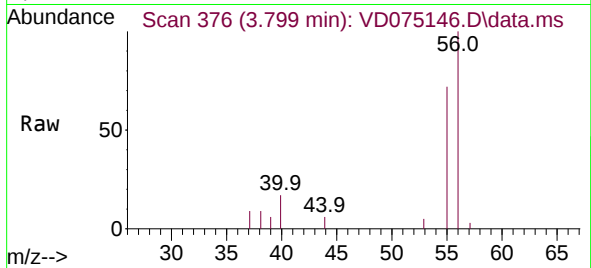




#13
Acrolein
Concen: 232.711 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

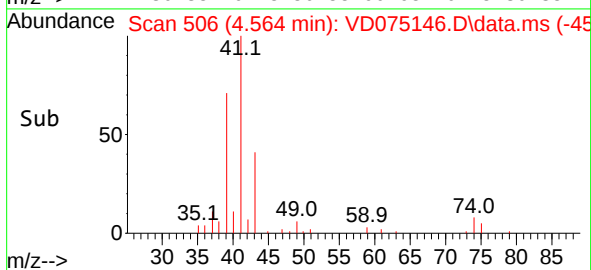
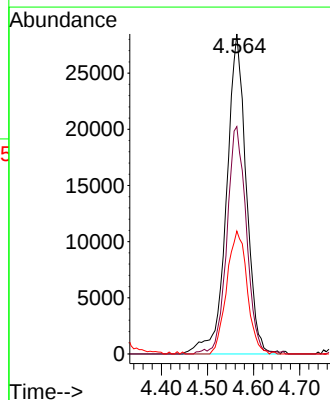
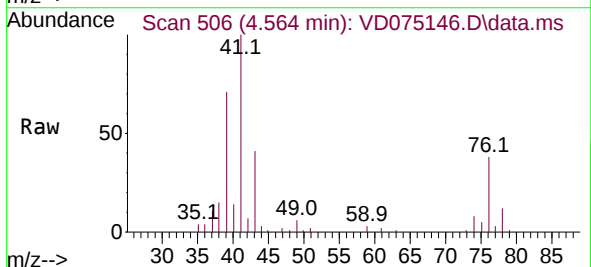
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

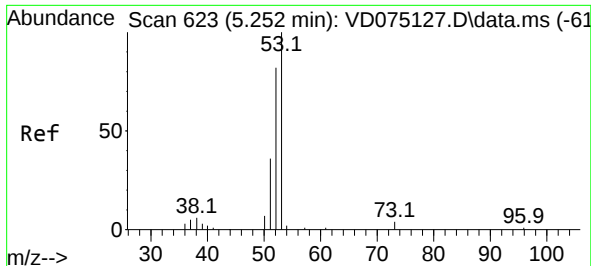
Tgt Ion: 56 Resp: 12061
Ion Ratio Lower Upper
56 100
55 69.5 53.0 79.6



#14
Allyl chloride
Concen: 51.923 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion: 41 Resp: 84473
Ion Ratio Lower Upper
41 100
39 70.2 55.4 83.0
76 39.7 30.2 45.2

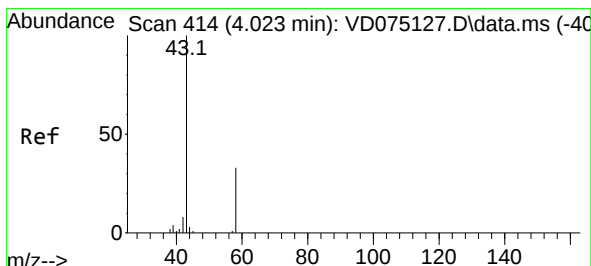
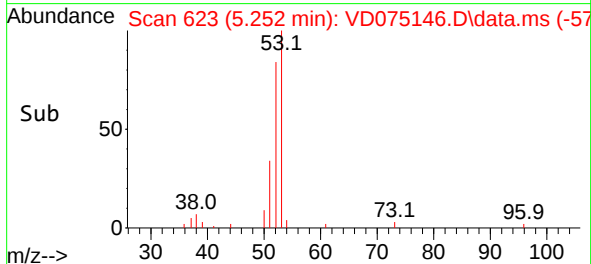
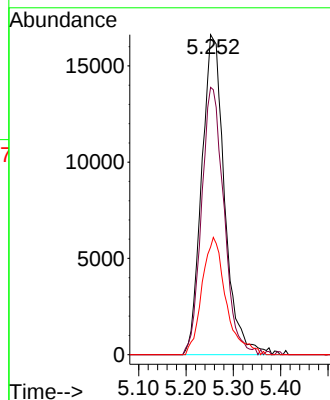
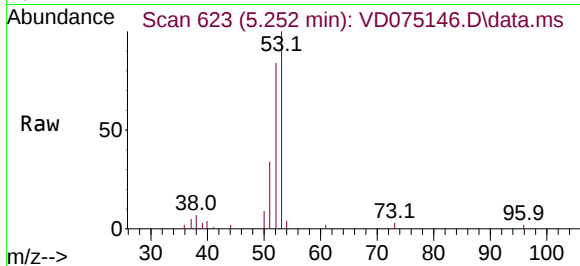




#15
Acrylonitrile
Concen: 265.190 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

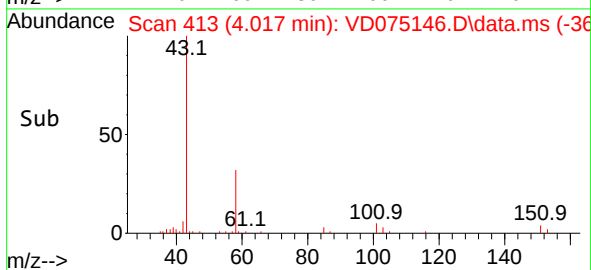
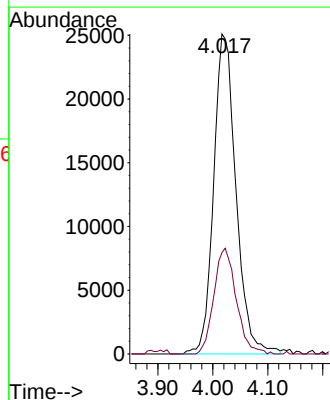
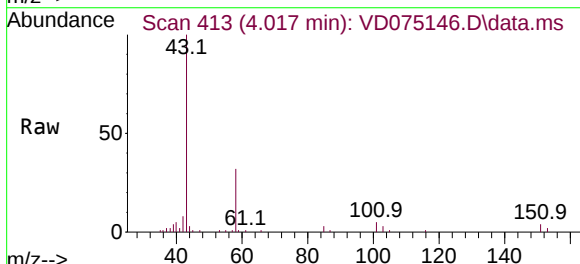
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

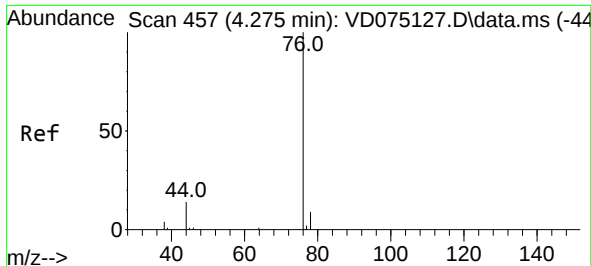
Tgt Ion: 53	Resp: 55730
Ion Ratio	Lower Upper
53 100	
52 81.8	67.0 100.6
51 38.4	30.1 45.1



#16
Acetone
Concen: 300.426 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion: 43	Resp: 70787		
Ion Ratio	Lower	Upper	
43 100			
58 31.7	26.0	39.0	

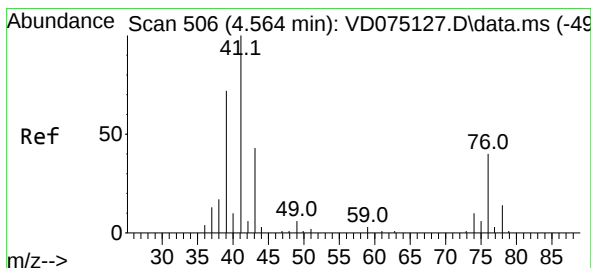
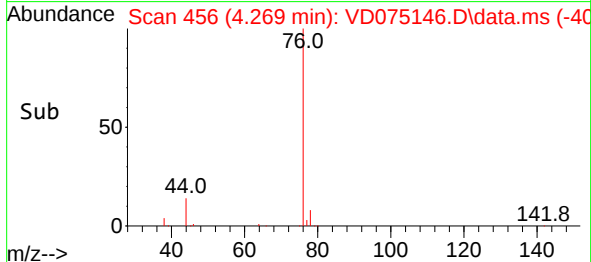
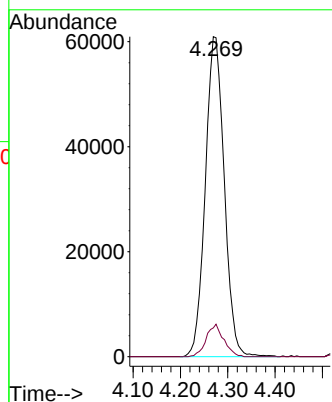
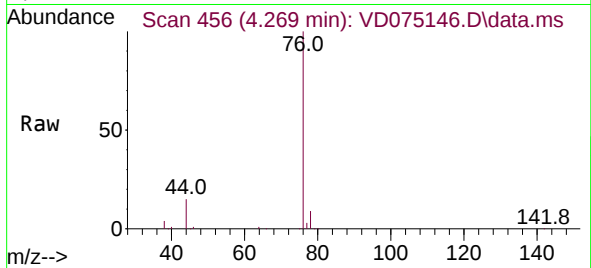




#17
Carbon Disulfide
Concen: 52.144 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

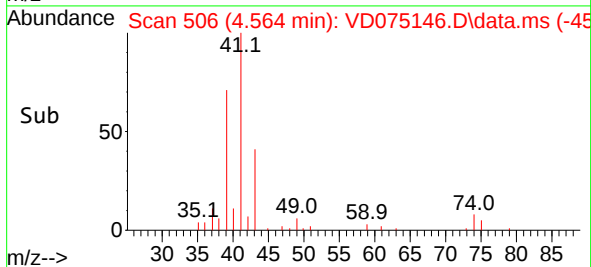
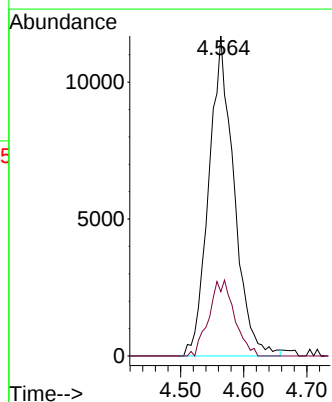
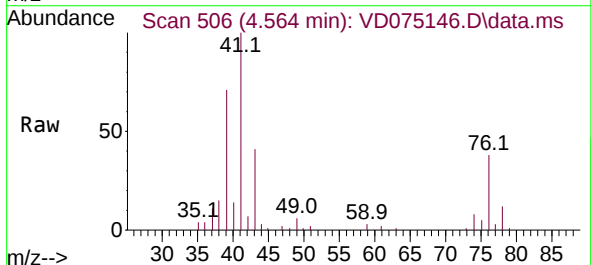
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

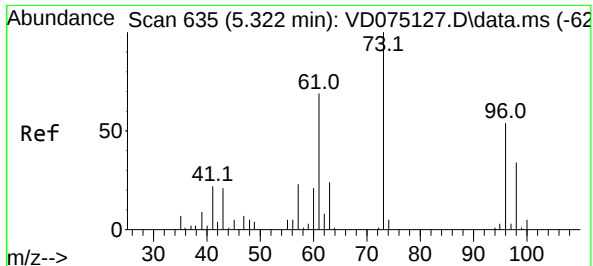
Tgt Ion: 76 Resp: 169543
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 50.562 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion: 43 Resp: 32383
Ion Ratio Lower Upper
43 100
74 23.9 18.5 27.7





#19

Methyl tert-butyl Ether

Concen: 51.202 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

Instrument :

MSVOA_D

ClientSampleId :

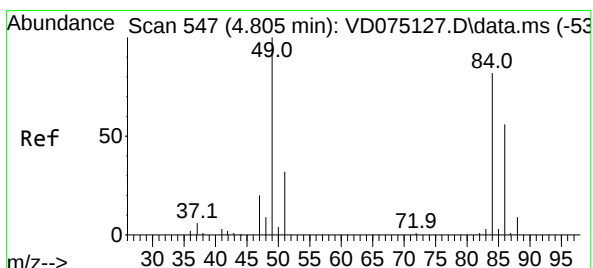
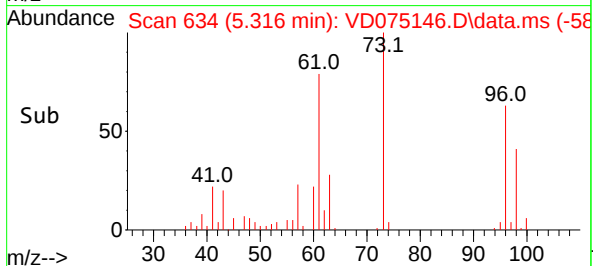
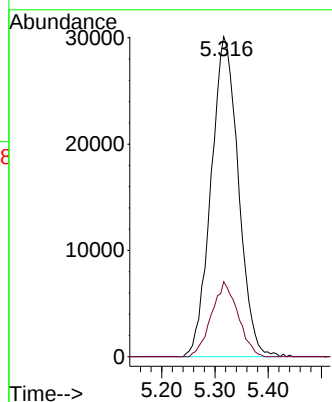
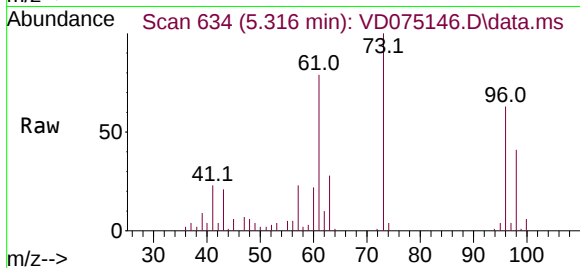
VSTDCCC050

Tgt Ion: 73 Resp: 107220

Ion Ratio Lower Upper

73 100

57 23.5 18.5 27.7



#20

Methylene Chloride

Concen: 49.014 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

Tgt Ion: 84 Resp: 60348

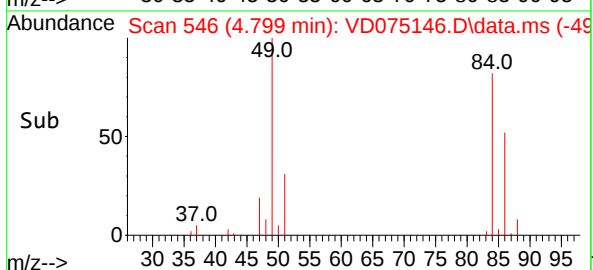
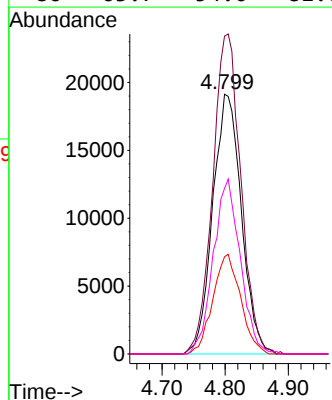
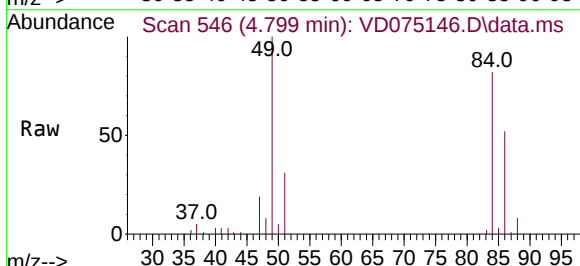
Ion Ratio Lower Upper

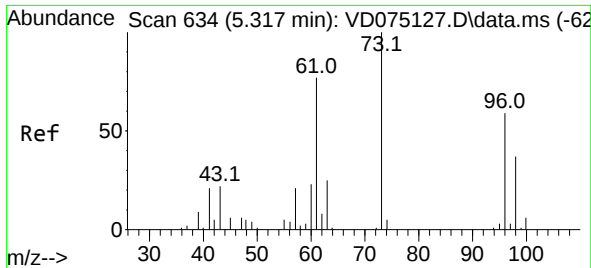
84 100

49 122.3 97.0 145.6

51 37.4 30.9 46.3

86 63.7 54.0 81.0

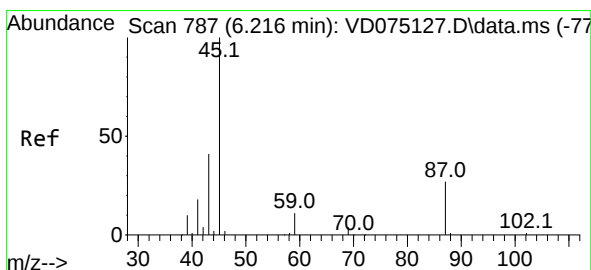
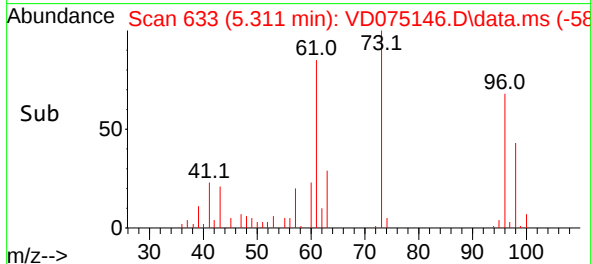
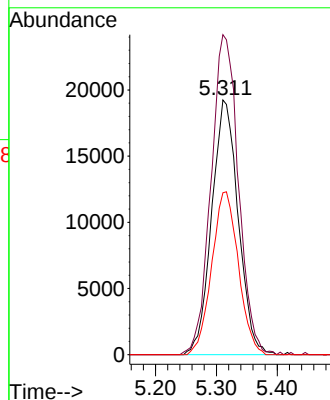
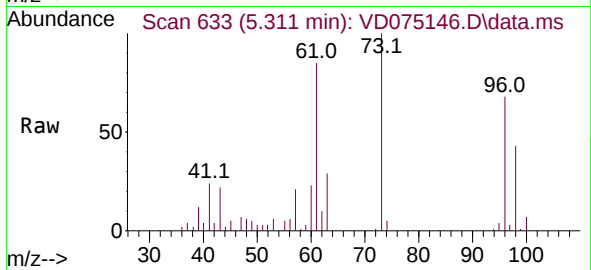




#21
trans-1,2-Dichloroethene
Concen: 52.191 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

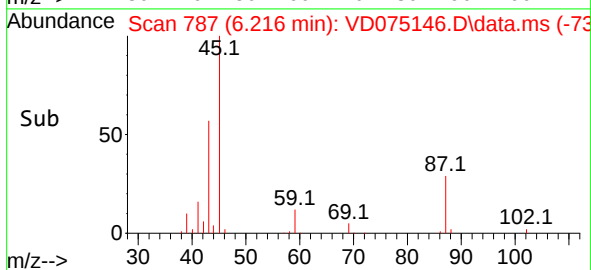
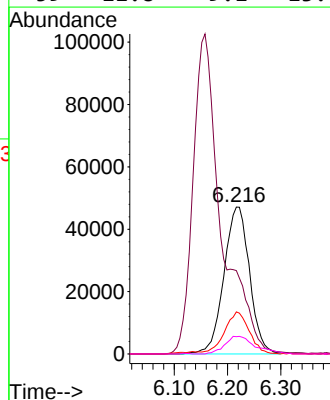
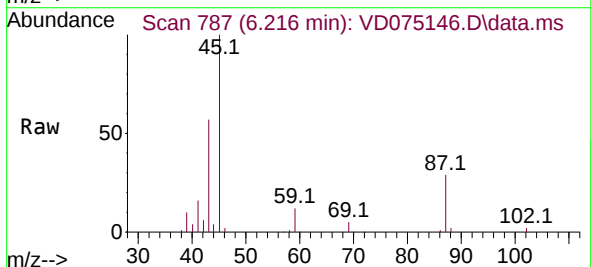
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

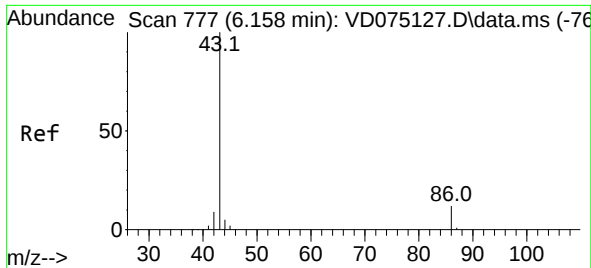
Tgt Ion: 96 Resp: 58244
Ion Ratio Lower Upper
96 100
61 125.7 105.7 158.5
98 63.6 50.4 75.6



#22
Diisopropyl ether
Concen: 52.073 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion: 45 Resp: 157678
Ion Ratio Lower Upper
45 100
43 55.3 45.3 67.9
87 28.7 22.1 33.1
59 11.8 9.1 13.7

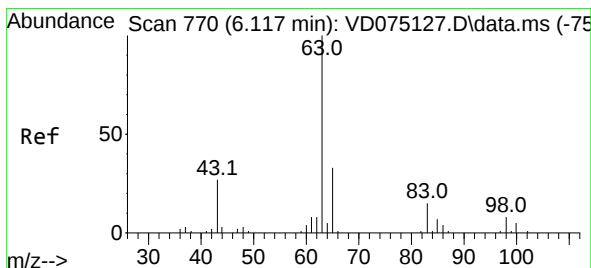
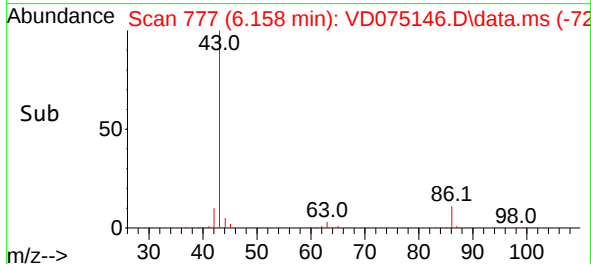
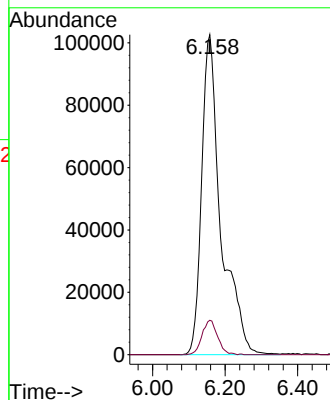
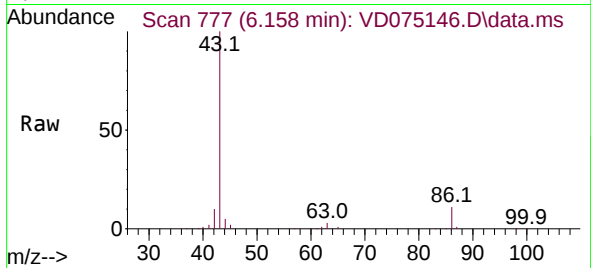




#23
 Vinyl Acetate
 Concen: 283.562 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD075146.D
 Acq: 20 Jan 2023 11:13

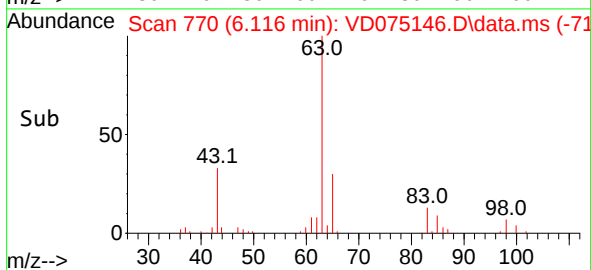
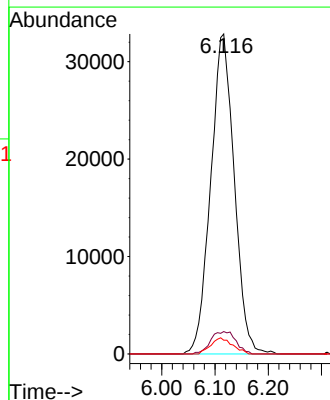
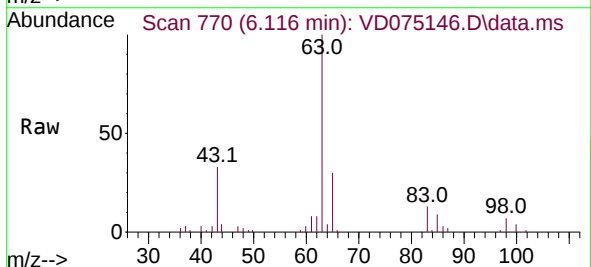
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

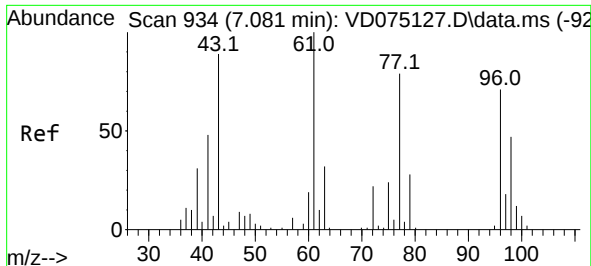
Tgt Ion: 43 Resp: 378433
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 53.001 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD075146.D
 Acq: 20 Jan 2023 11:13

Tgt Ion: 63 Resp: 100857
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 12.2
 100 4.3 2.5 7.4

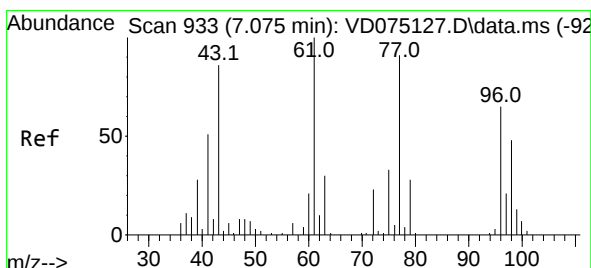
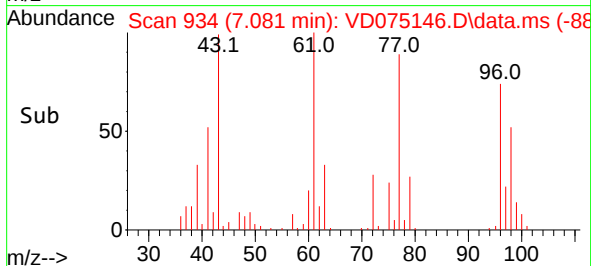
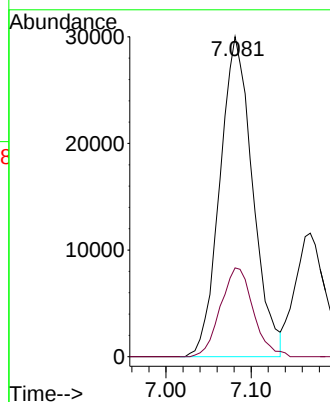
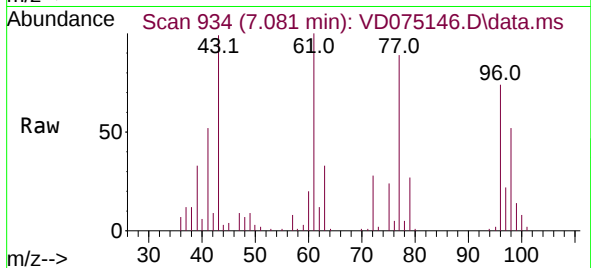




#25
2-Butanone
Concen: 281.484 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

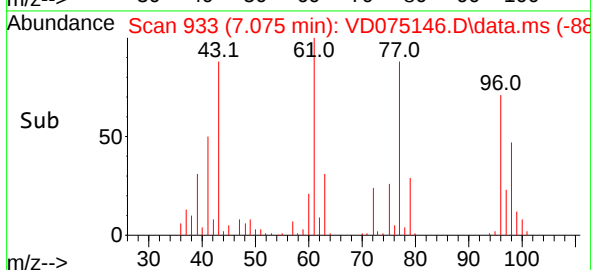
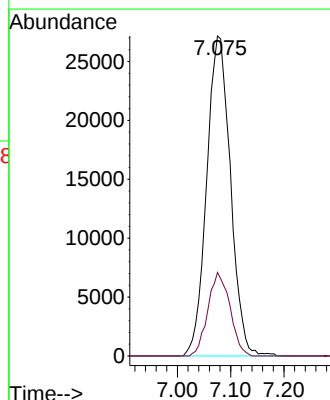
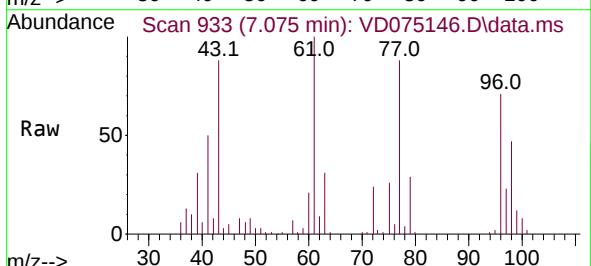
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

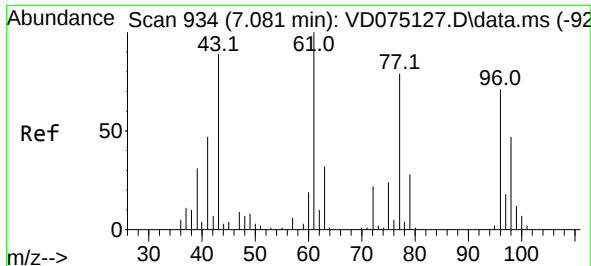
Tgt Ion: 43 Resp: 80160
Ion Ratio Lower Upper
43 100
72 27.8 19.8 29.8



#26
2,2-Dichloropropane
Concen: 49.606 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion: 77 Resp: 84148
Ion Ratio Lower Upper
77 100
97 24.2 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 51.726 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

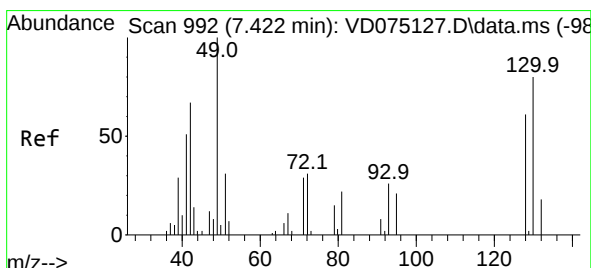
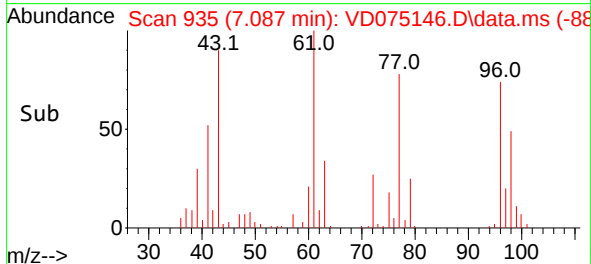
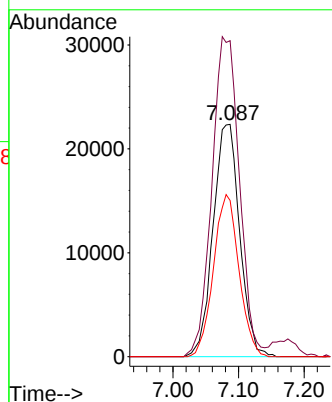
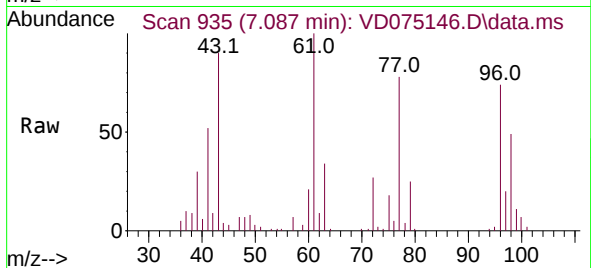
Tgt Ion: 96 Resp: 62923

Ion Ratio Lower Upper

96 100

61 142.3 0.0 287.4

98 66.9 0.0 129.8



#28

Bromochloromethane

Concen: 48.657 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

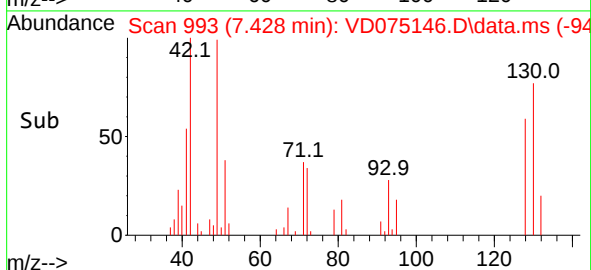
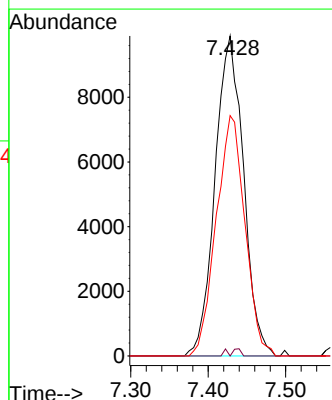
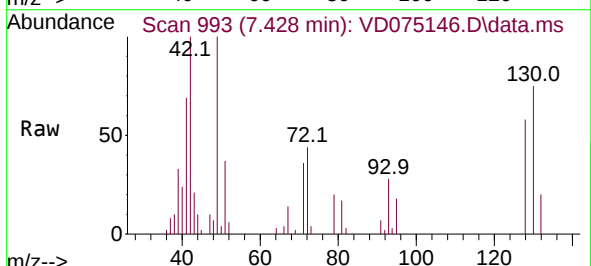
Tgt Ion: 49 Resp: 25280

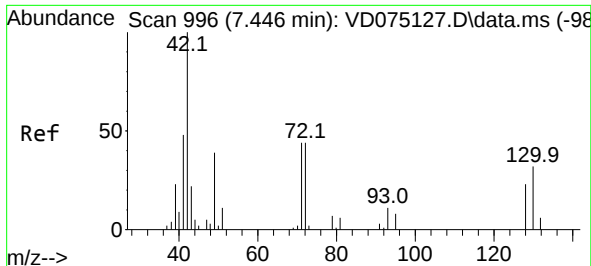
Ion Ratio Lower Upper

49 100

129 0.9 0.0 2.6

130 76.0 63.6 95.4





#29

Tetrahydrofuran

Concen: 260.458 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

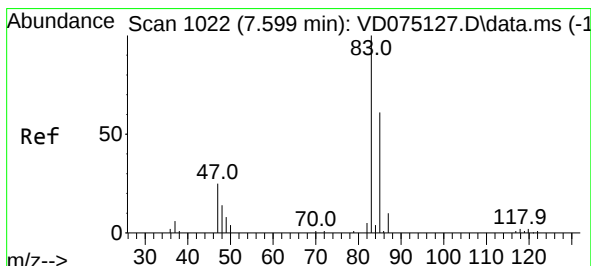
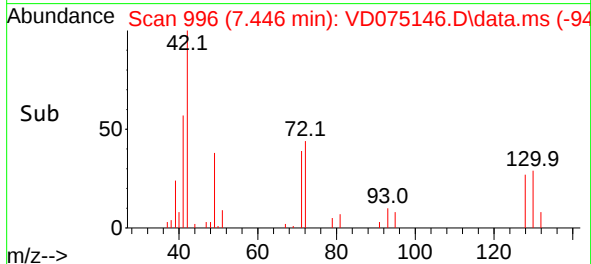
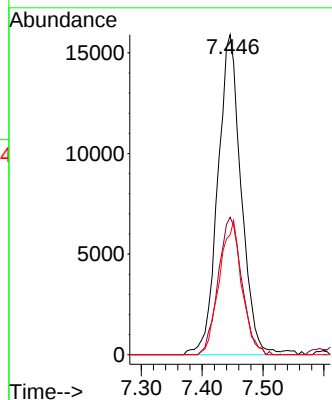
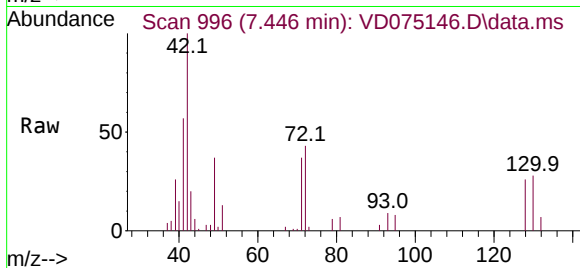
Tgt Ion: 42 Resp: 42305

Ion Ratio Lower Upper

42 100

72 43.4 33.8 50.8

71 40.5 31.6 47.4



#30

Chloroform

Concen: 51.262 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075146.D

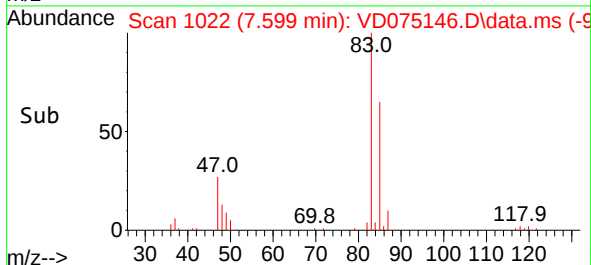
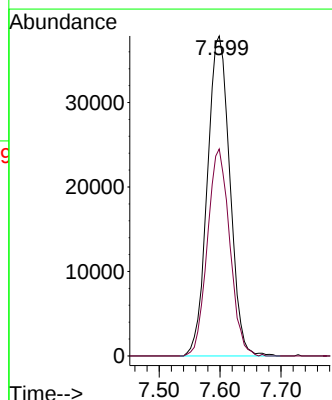
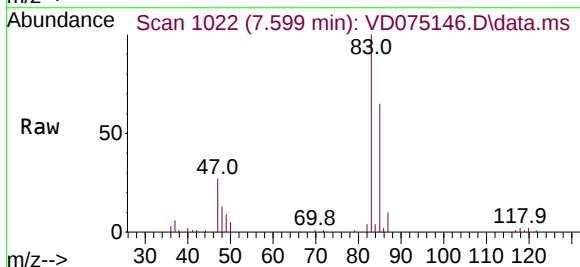
Acq: 20 Jan 2023 11:13

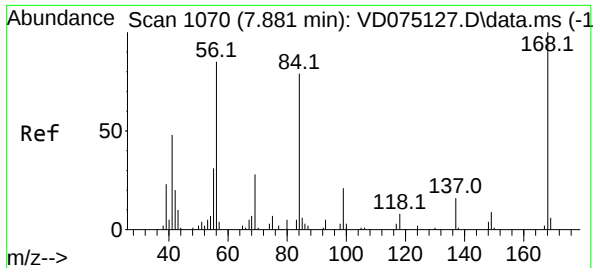
Tgt Ion: 83 Resp: 97276

Ion Ratio Lower Upper

83 100

85 64.7 48.5 72.7

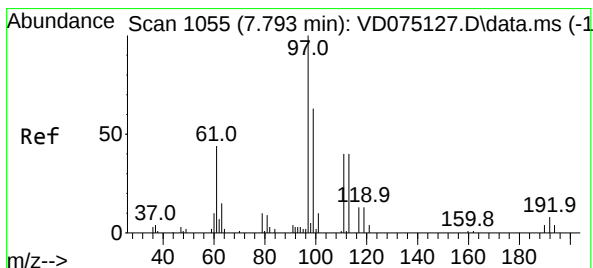
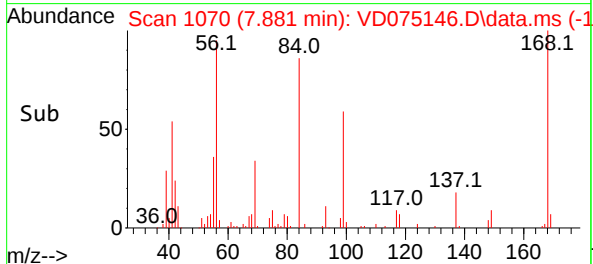
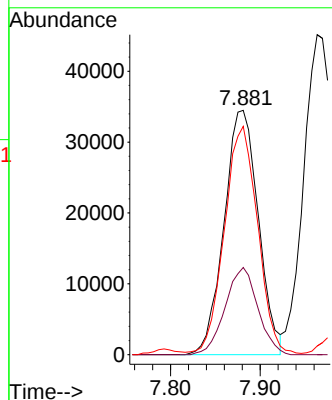
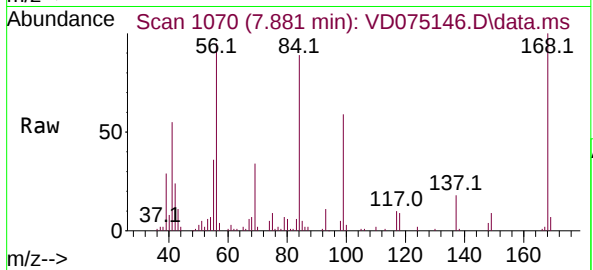




#31
Cyclohexane
Concen: 51.065 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

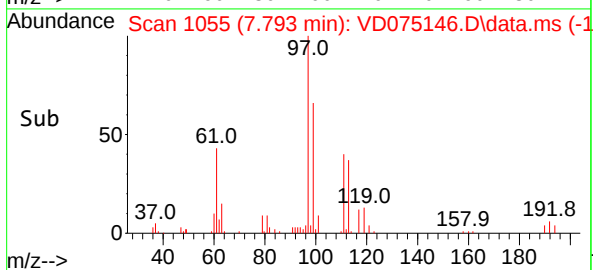
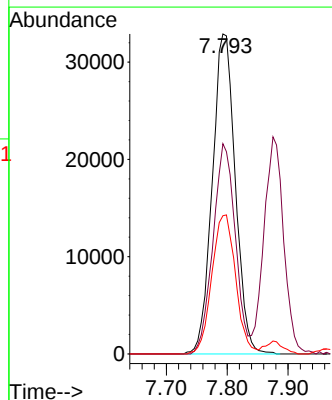
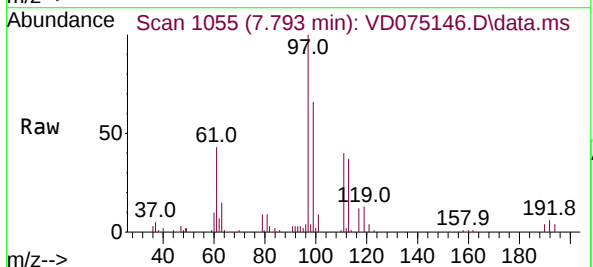
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

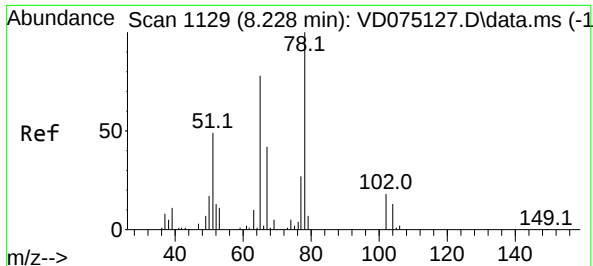
Tgt Ion: 56 Resp: 91494
Ion Ratio Lower Upper
56 100
69 35.7 26.6 40.0
84 92.3 74.1 111.1



#32
1,1,1-Trichloroethane
Concen: 52.718 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion: 97 Resp: 86186
Ion Ratio Lower Upper
97 100
99 63.4 51.7 77.5
61 45.0 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 49.780 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

Instrument :

MSVOA_D

ClientSampleId :

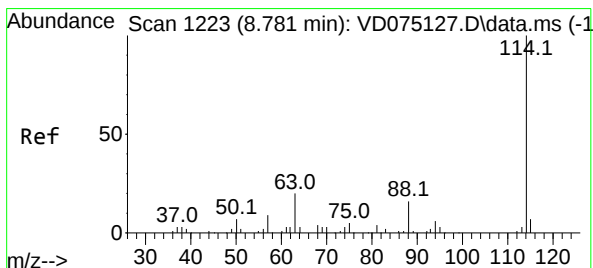
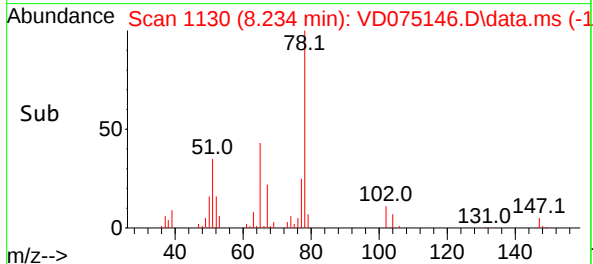
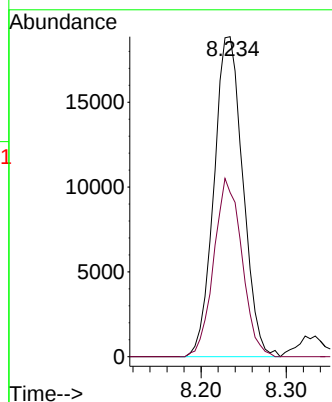
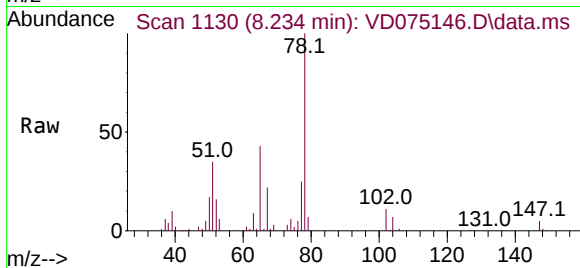
VSTDCCC050

Tgt Ion: 65 Resp: 44472

Ion Ratio Lower Upper

65 100

67 54.0 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

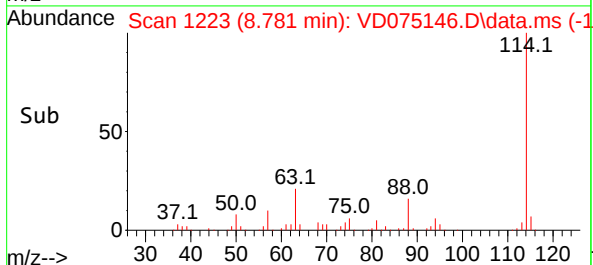
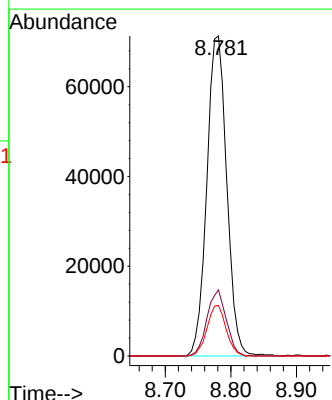
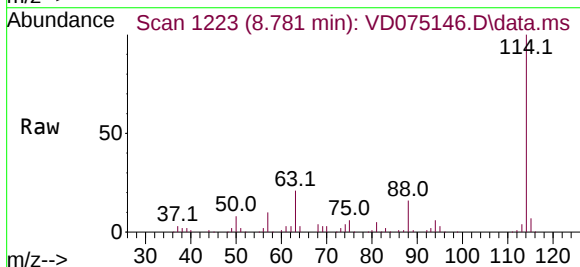
Tgt Ion: 114 Resp: 150535

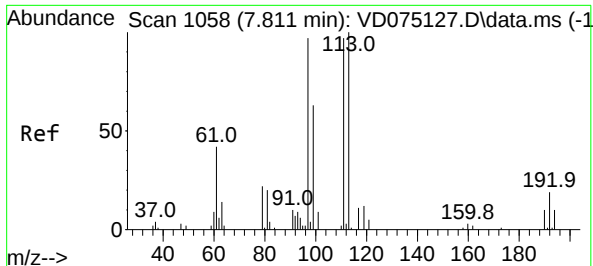
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 15.8 0.0 32.2

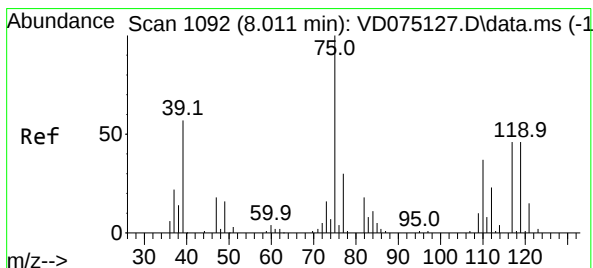
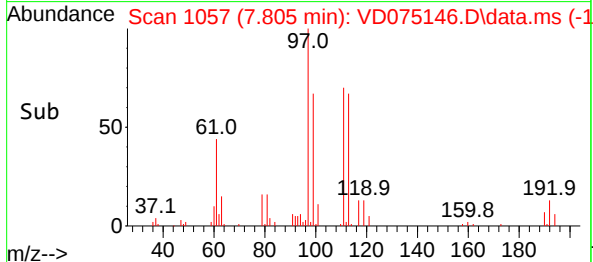
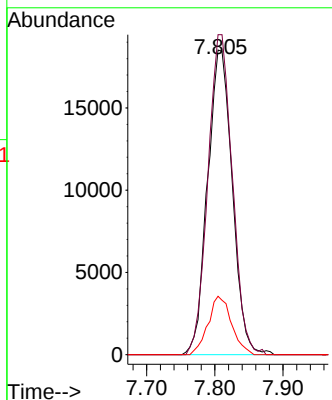
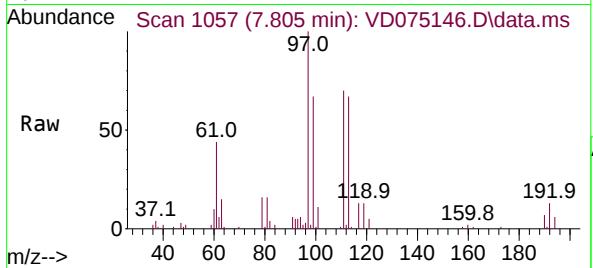




#35
 Dibromofluoromethane
 Concen: 51.579 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VD075146.D
 Acq: 20 Jan 2023 11:13

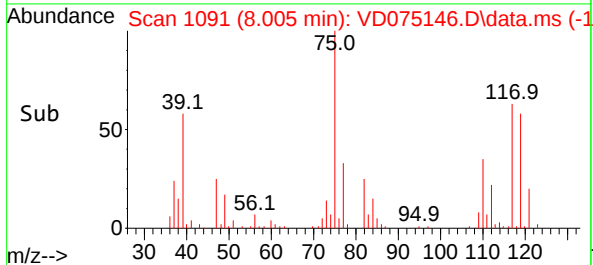
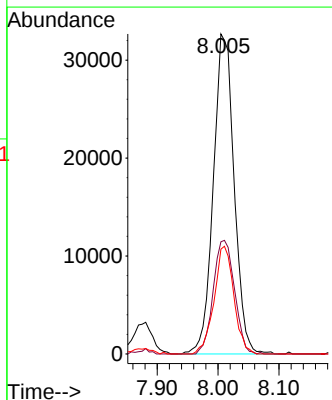
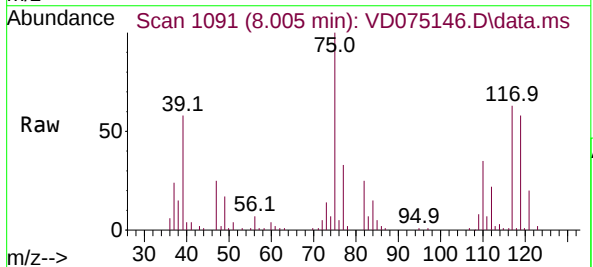
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

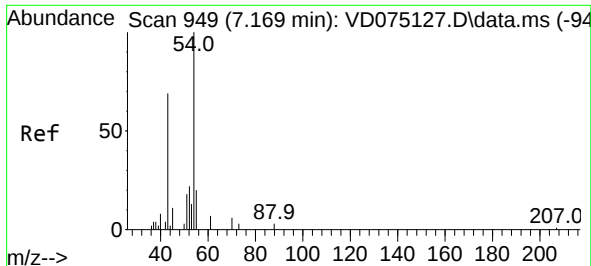
Tgt Ion:	113	Resp:	46918
Ion Ratio	Lower	Upper	
113	100		
111	103.5	80.1	120.1
192	18.2	15.4	23.0



#36
 1,1-Dichloropropene
 Concen: 53.077 ug/l
 RT: 8.005 min Scan# 1091
 Delta R.T. -0.006 min
 Lab File: VD075146.D
 Acq: 20 Jan 2023 11:13

Tgt Ion:	75	Resp:	77573
Ion Ratio	Lower	Upper	
75	100		
110	36.3	18.1	54.4
77	32.0	25.1	37.7





#37

Ethyl Acetate

Concen: 51.275 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

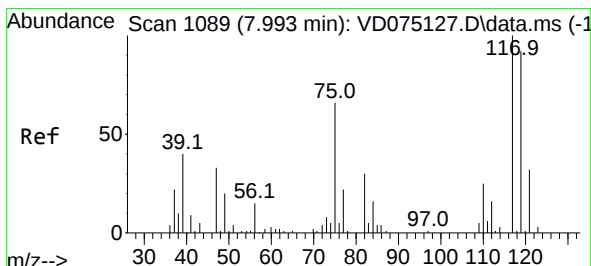
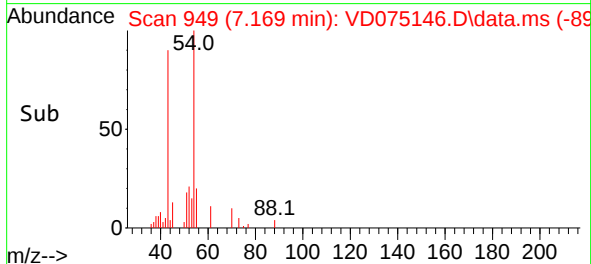
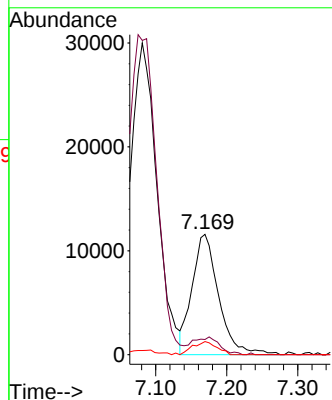
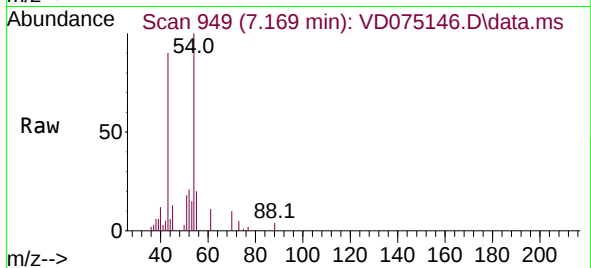
Tgt Ion: 43 Resp: 30191

Ion Ratio Lower Upper

43 100

61 14.9 11.7 17.5

70 9.9 8.8 13.2



#38

Carbon Tetrachloride

Concen: 54.929 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

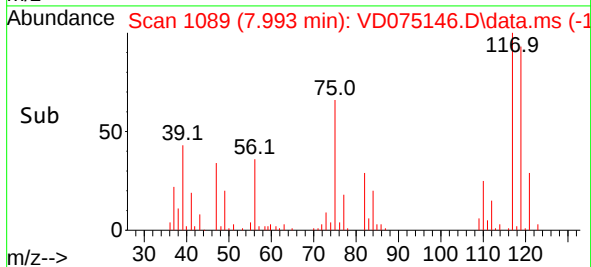
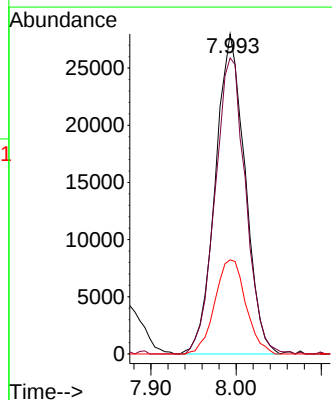
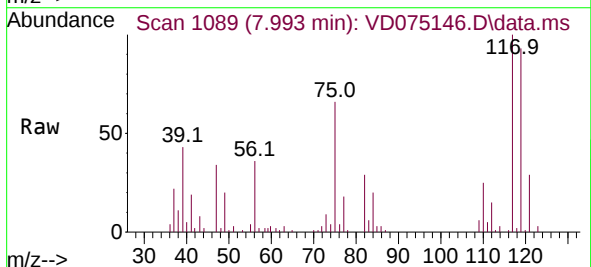
Tgt Ion: 117 Resp: 67593

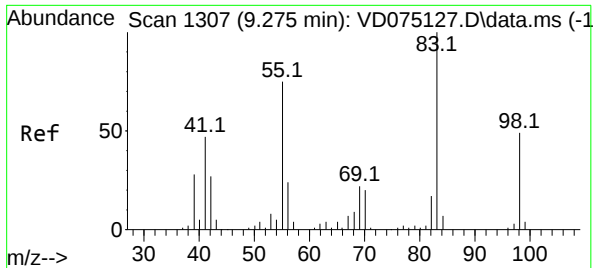
Ion Ratio Lower Upper

117 100

119 92.5 73.6 110.4

121 29.4 25.4 38.0





#39

Methylcyclohexane

Concen: 55.001 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

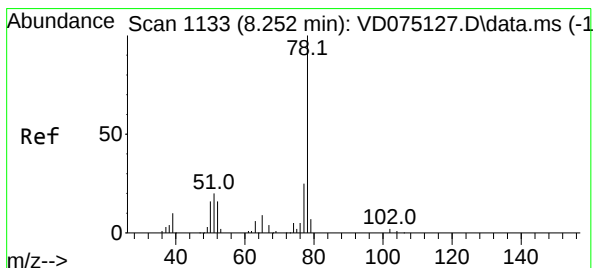
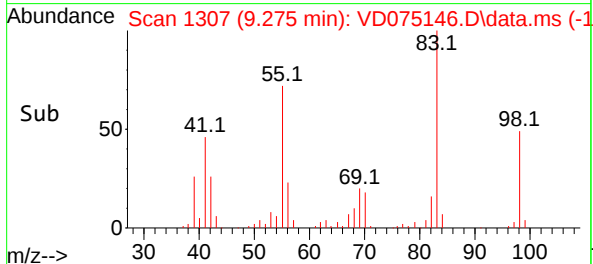
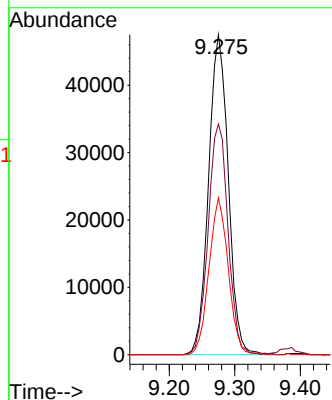
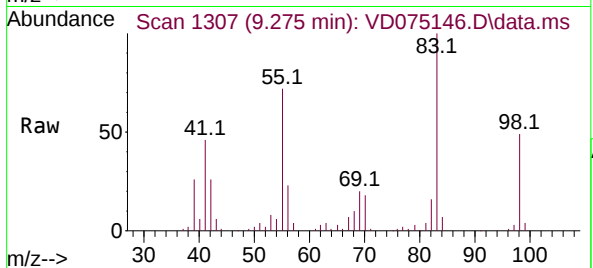
Tgt Ion: 83 Resp: 99062

Ion Ratio Lower Upper

83 100

55 72.1 60.0 90.0

98 49.1 39.0 58.4



#40

Benzene

Concen: 52.470 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075146.D

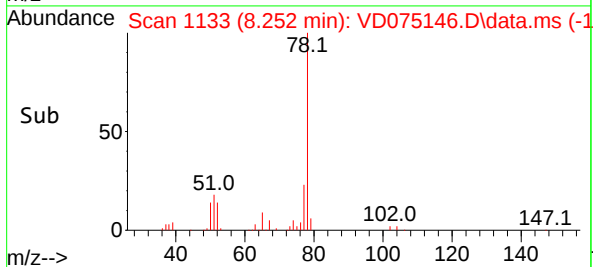
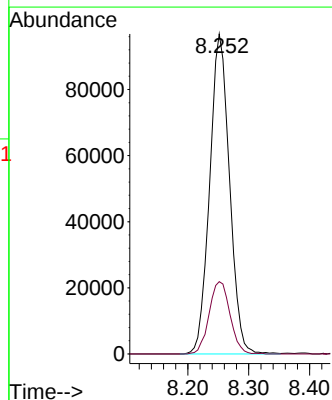
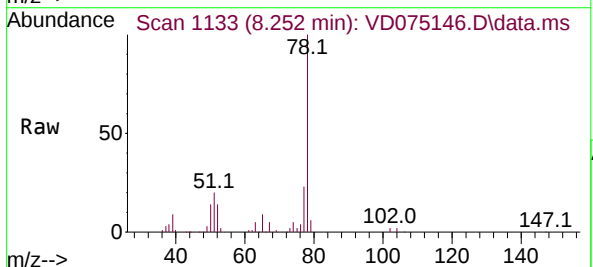
Acq: 20 Jan 2023 11:13

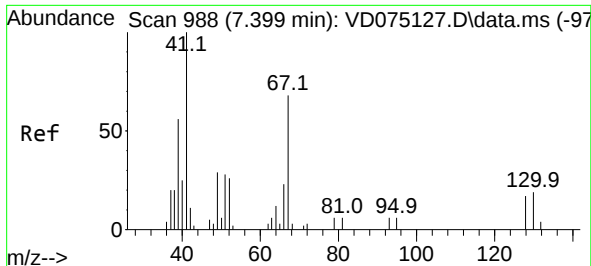
Tgt Ion: 78 Resp: 218691

Ion Ratio Lower Upper

78 100

77 22.6 19.8 29.6



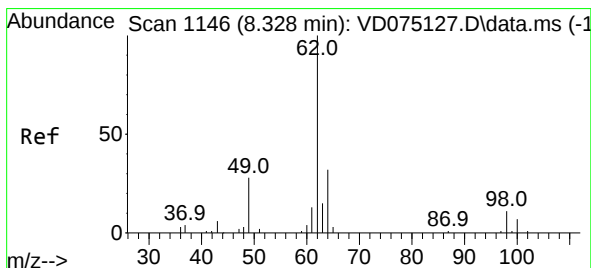
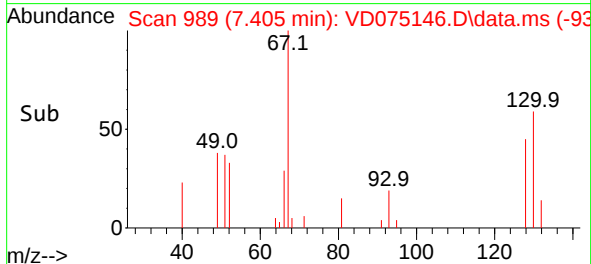
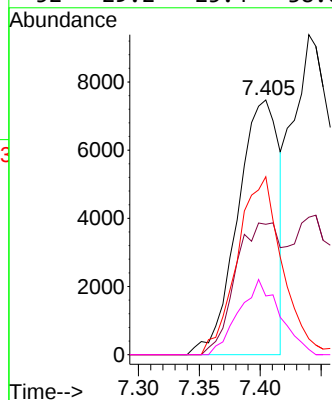
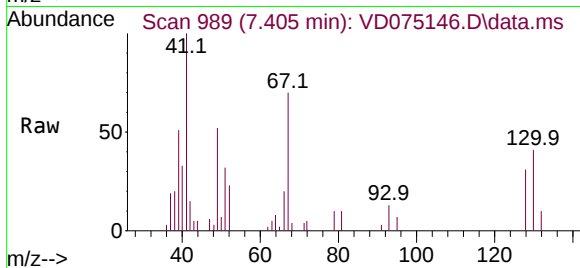


#41
Methacrylonitrile
Concen: 49.814 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 17649

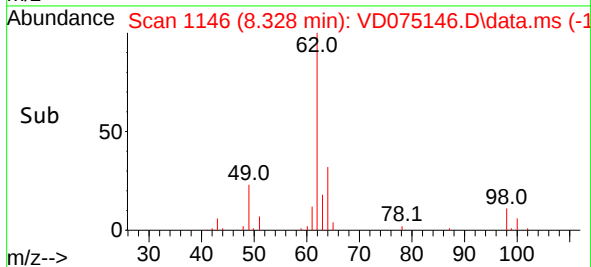
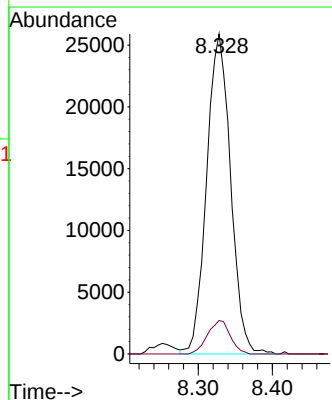
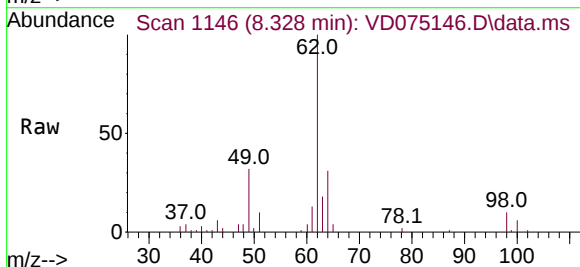
Ion	Ratio	Lower	Upper
41	100		
39	60.9	57.8	86.6
67	75.4	60.5	90.7
52	29.2	25.4	38.0

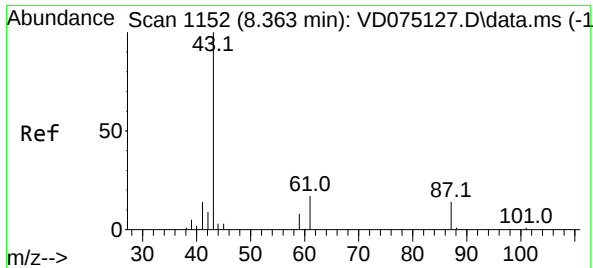


#42
1,2-Dichloroethane
Concen: 53.151 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion: 62 Resp: 58190

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.2





#43

Isopropyl Acetate

Concen: 52.284 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. -0.000 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

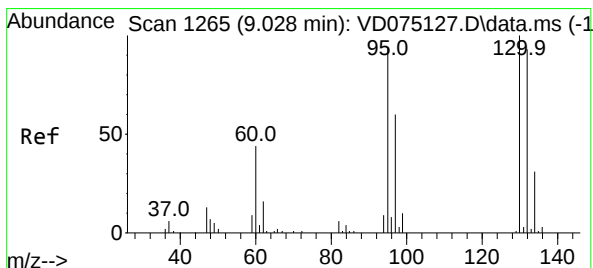
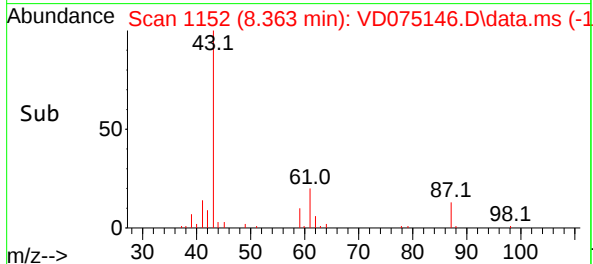
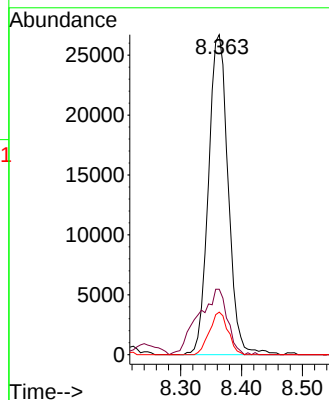
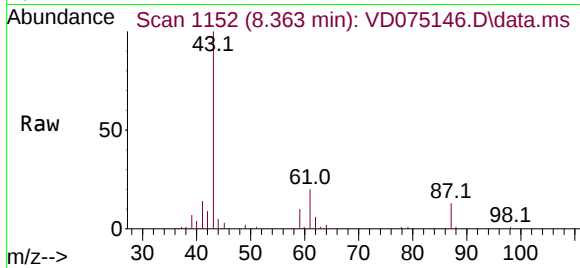
Tgt Ion: 43 Resp: 59908

Ion Ratio Lower Upper

43 100

61 30.2 25.0 37.6

87 12.6 10.6 16.0



#44

Trichloroethene

Concen: 51.570 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD075146.D

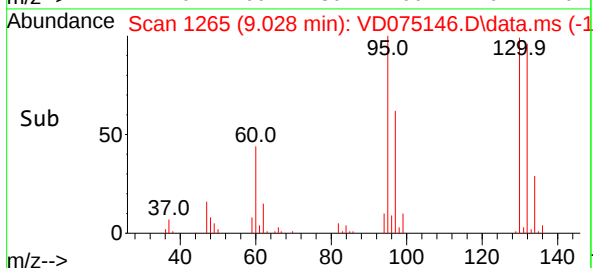
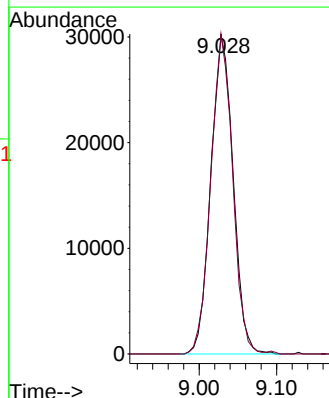
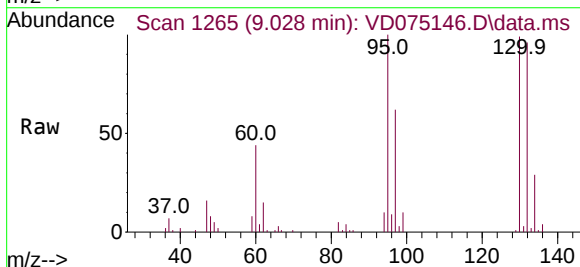
Acq: 20 Jan 2023 11:13

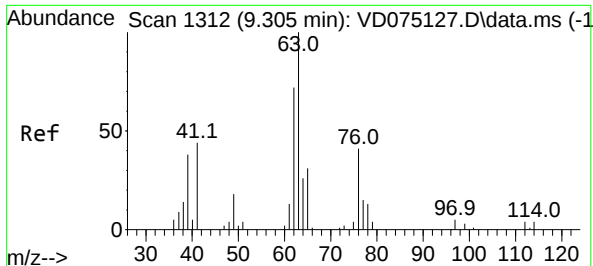
Tgt Ion: 130 Resp: 60442

Ion Ratio Lower Upper

130 100

95 100.6 0.0 188.6





#45

1,2-Dichloropropane

Concen: 53.710 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

Instrument :

MSVOA_D

ClientSampleId :

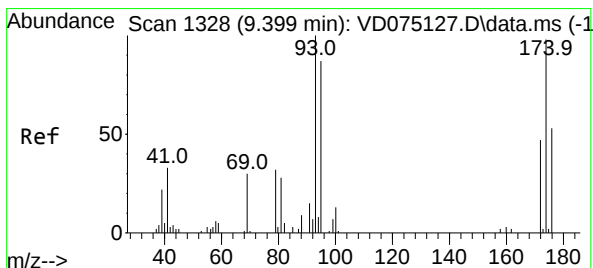
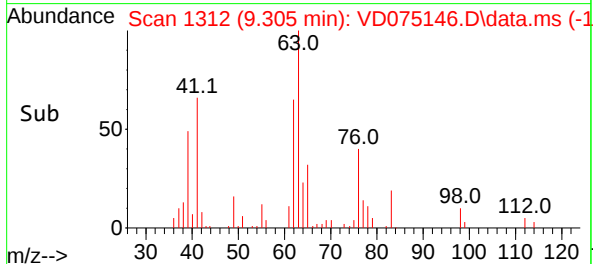
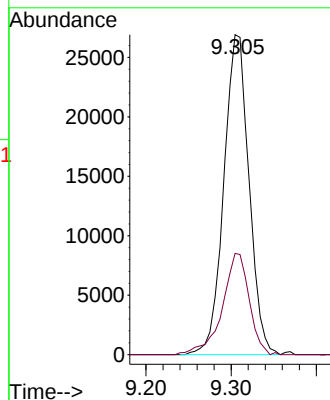
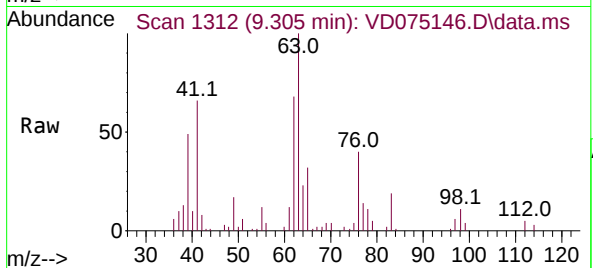
VSTDCCC050

Tgt Ion: 63 Resp: 55143

Ion Ratio Lower Upper

63 100

65 31.6 25.1 37.7



#46

Dibromomethane

Concen: 51.810 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

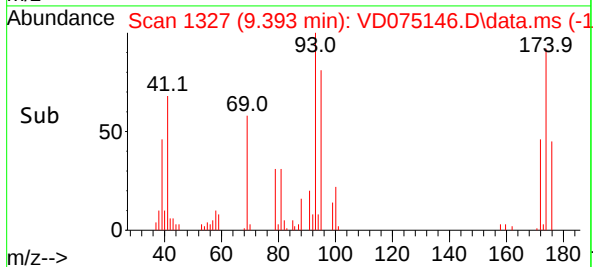
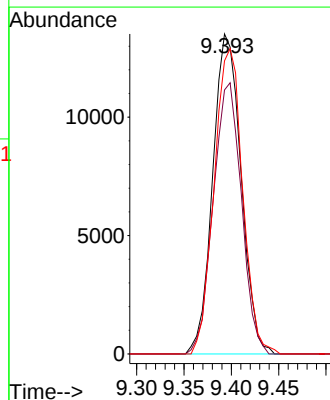
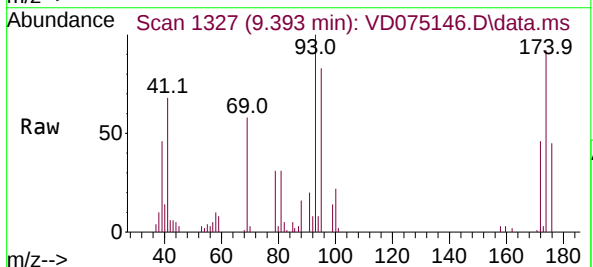
Tgt Ion: 93 Resp: 28053

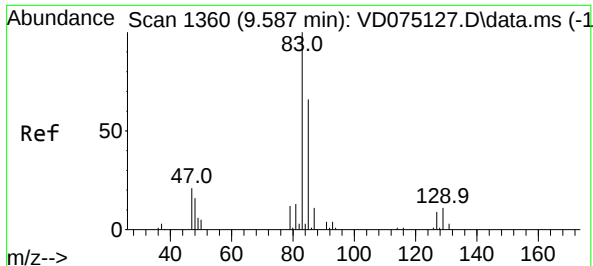
Ion Ratio Lower Upper

93 100

95 84.5 68.3 102.5

174 96.1 77.4 116.0





#47

Bromodichloromethane

Concen: 53.010 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

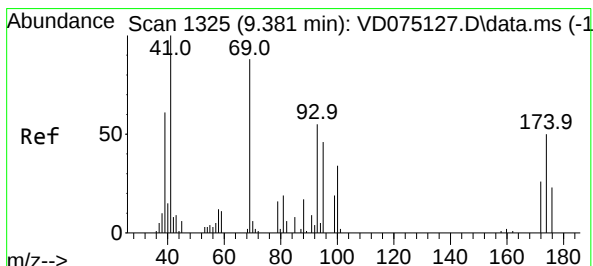
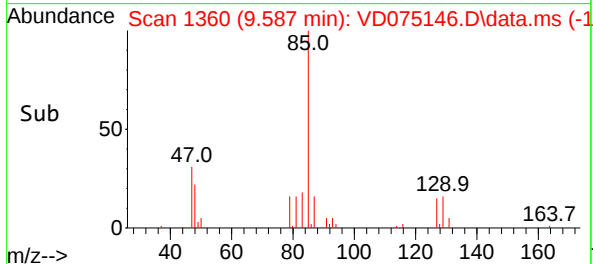
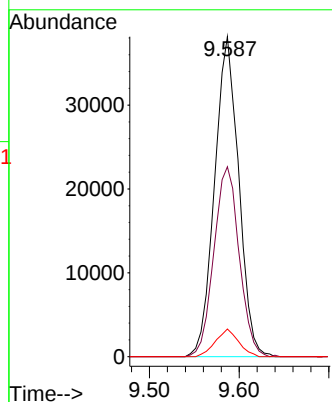
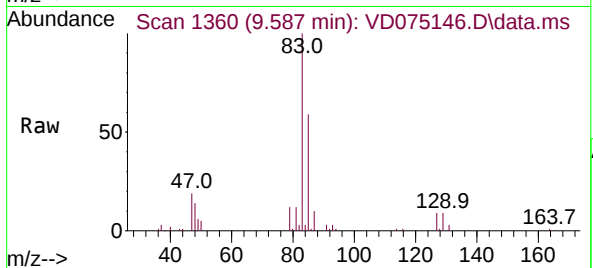
Tgt Ion: 83 Resp: 71209

Ion Ratio Lower Upper

83 100

85 59.4 53.0 79.4

127 8.6 7.0 10.4



#48

Methyl methacrylate

Concen: 50.479 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

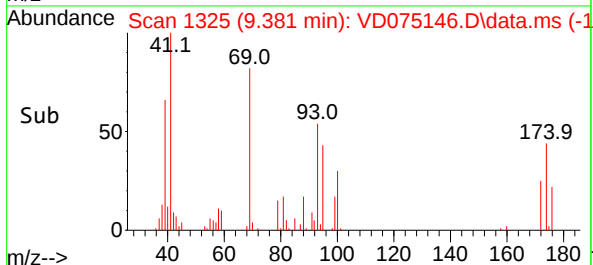
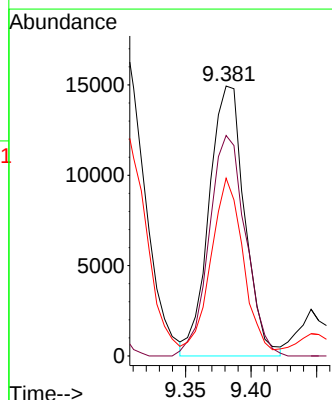
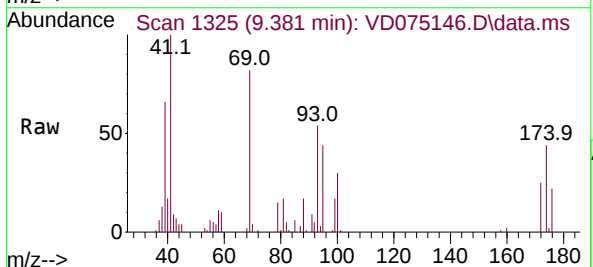
Tgt Ion: 41 Resp: 28284

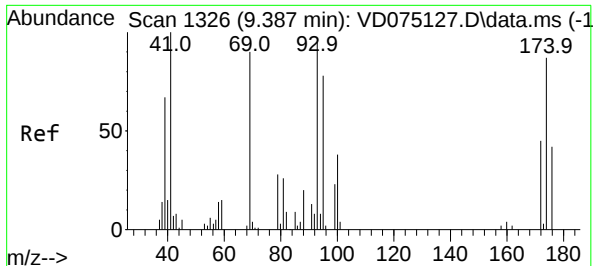
Ion Ratio Lower Upper

41 100

69 83.4 67.8 101.6

39 56.1 46.0 69.0





#49

1,4-Dioxane

Concen: 1054.529 ug/l

RT: 9.381 min Scan# 1326

Delta R.T. -0.006 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

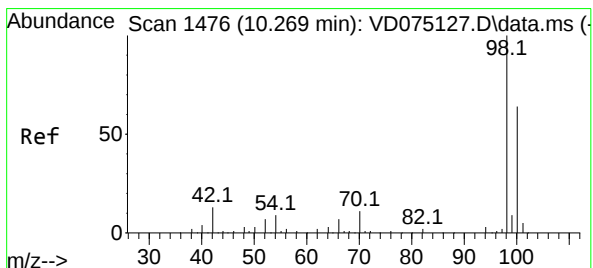
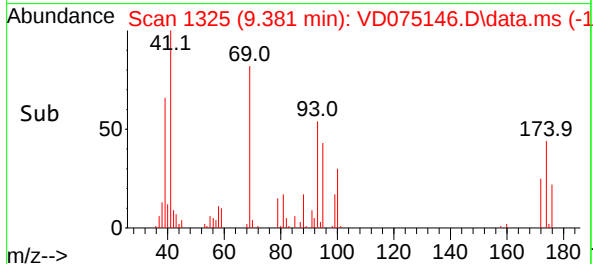
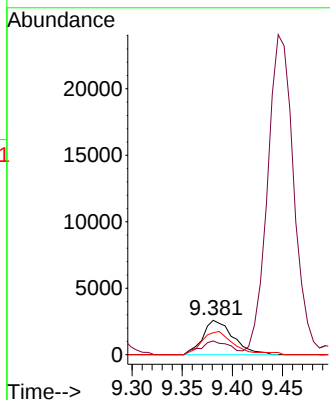
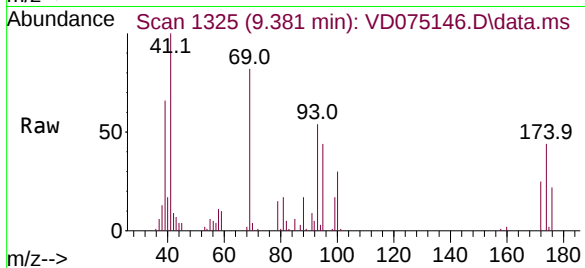
Tgt Ion: 88 Resp: 5451

Ion Ratio Lower Upper

88 100

43 39.9 35.6 53.4

58 71.2 57.4 86.2



#50

Toluene-d8

Concen: 51.734 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075146.D

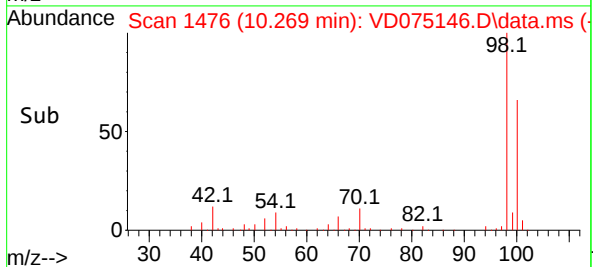
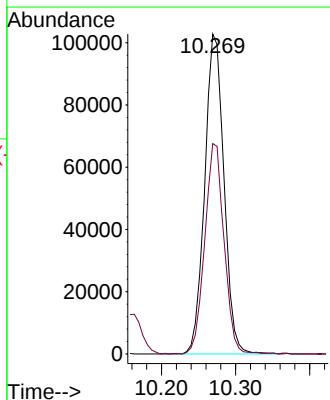
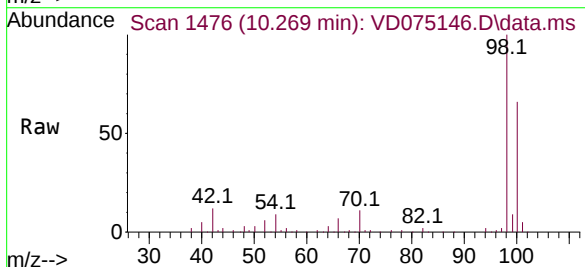
Acq: 20 Jan 2023 11:13

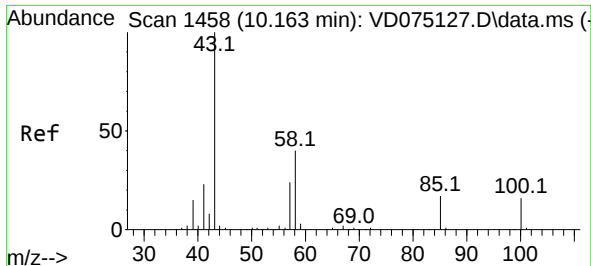
Tgt Ion: 98 Resp: 185290

Ion Ratio Lower Upper

98 100

100 66.0 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 265.368 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

Instrument :

MSVOA_D

ClientSampleId :

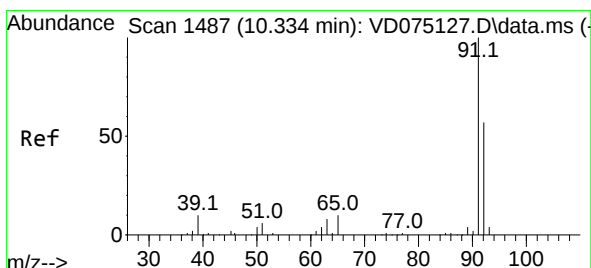
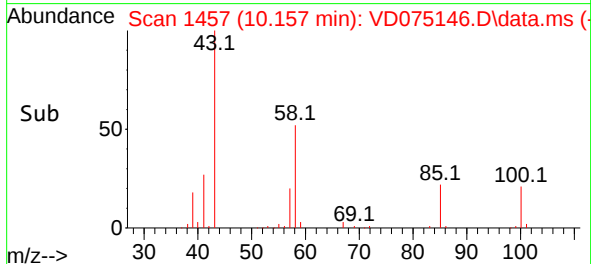
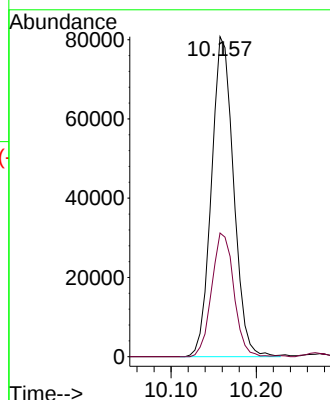
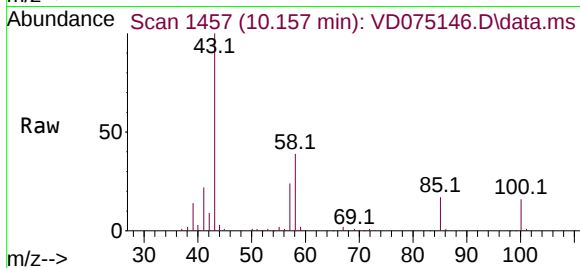
VSTDCCC050

Tgt Ion: 43 Resp: 146015

Ion Ratio Lower Upper

43 100

58 38.6 31.4 47.0



#52

Toluene

Concen: 52.698 ug/l

RT: 10.340 min Scan# 1488

Delta R.T. 0.006 min

Lab File: VD075146.D

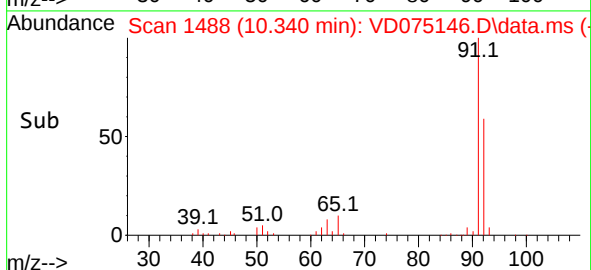
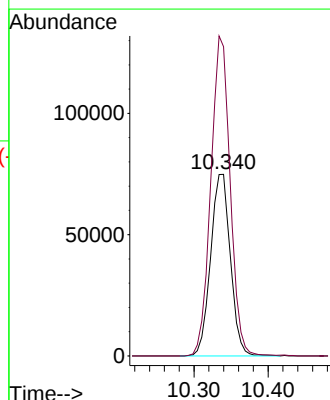
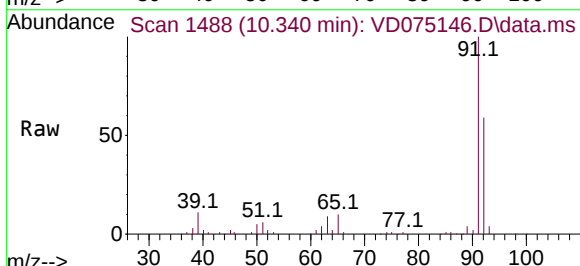
Acq: 20 Jan 2023 11:13

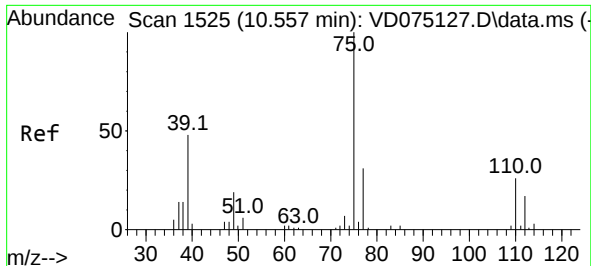
Tgt Ion: 92 Resp: 138802

Ion Ratio Lower Upper

92 100

91 172.3 137.0 205.4

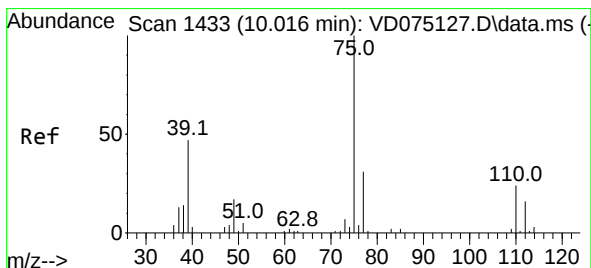
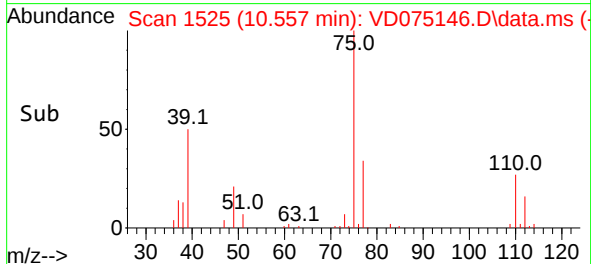
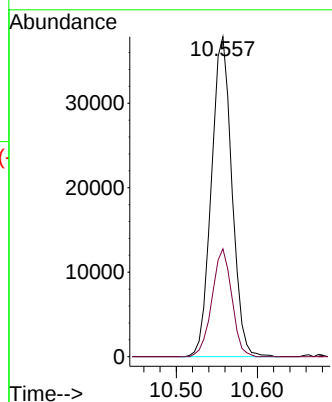
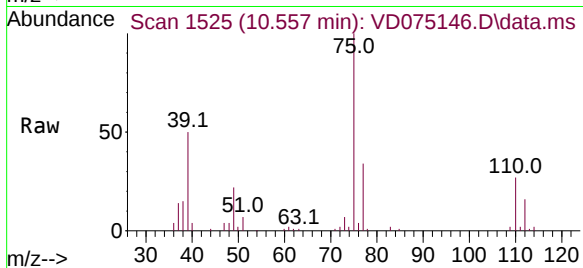




#53
t-1,3-Dichloropropene
Concen: 52.260 ug/l
RT: 10.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

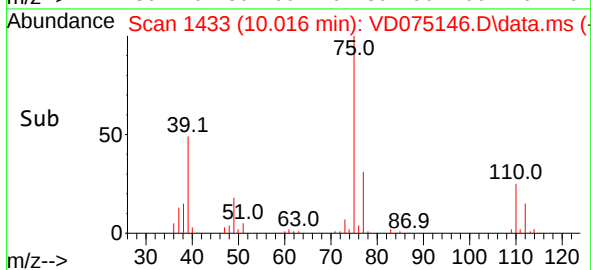
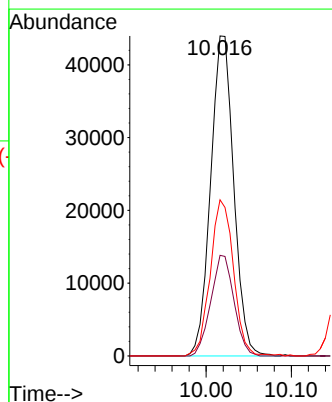
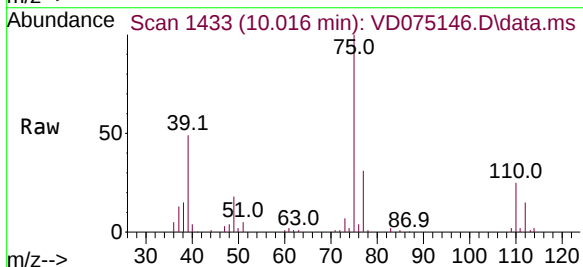
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

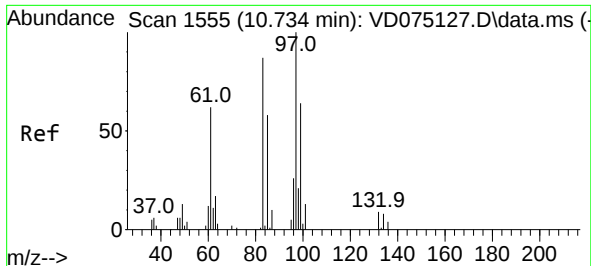
Tgt Ion: 75 Resp: 66417
Ion Ratio Lower Upper
75 100
77 33.7 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 53.413 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion: 75 Resp: 82933
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7
39 48.8 37.9 56.9

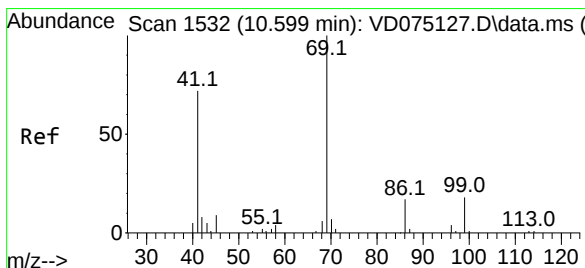
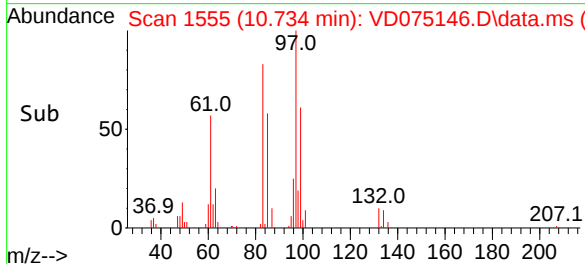
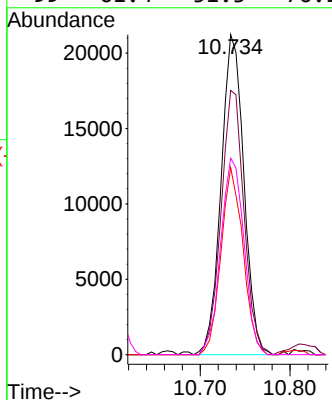
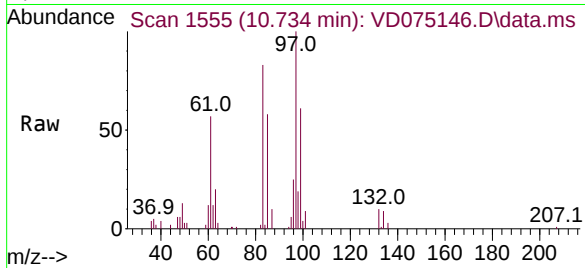




#55
1,1,2-Trichloroethane
Concen: 52.365 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

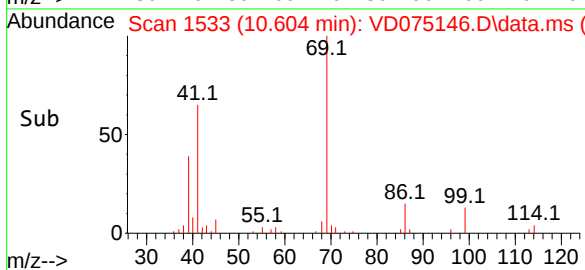
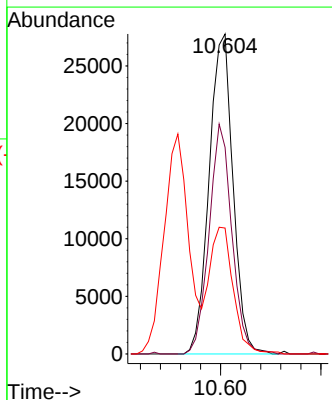
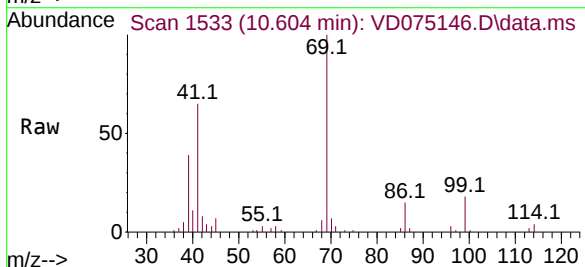
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

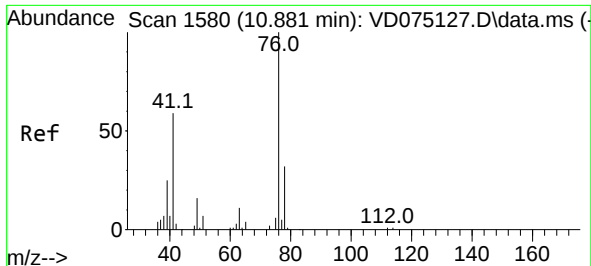
Tgt Ion:	97	Resp:	37523
Ion	Ratio	Lower	Upper
97	100		
83	82.6	69.4	104.0
85	58.5	46.0	69.0
99	61.4	51.3	76.9



#56
Ethyl methacrylate
Concen: 53.300 ug/l
RT: 10.604 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion:	69	Resp:	45930
Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.7	83.5
39	39.5	31.4	47.0





#57

1,3-Dichloropropane

Concen: 52.472 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

Instrument :

MSVOA_D

ClientSampleId :

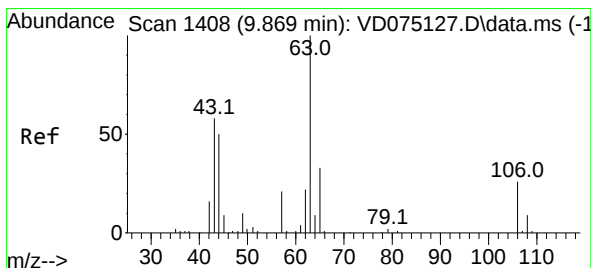
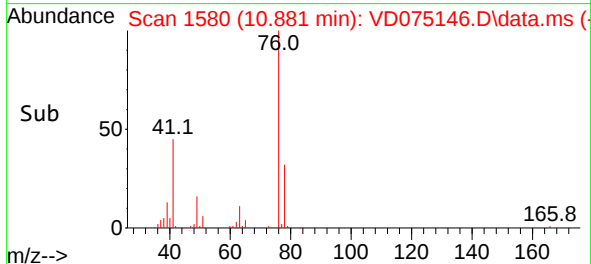
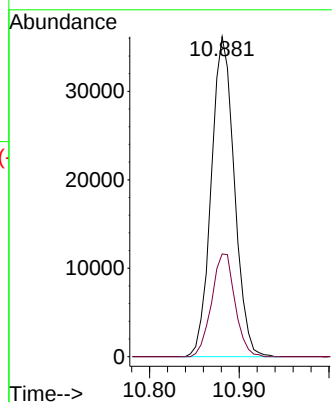
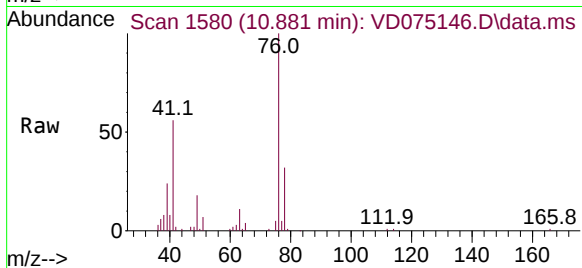
VSTDCCC050

Tgt Ion: 76 Resp: 64609

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 275.772 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD075146.D

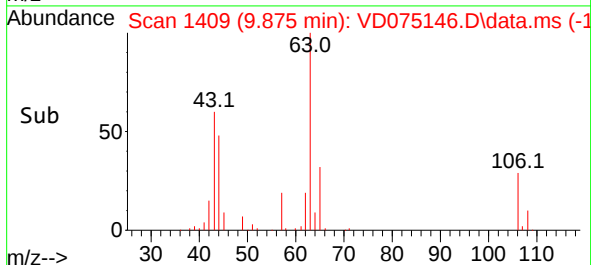
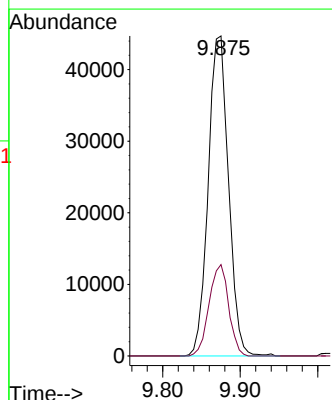
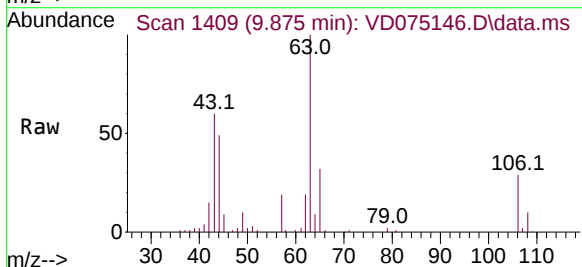
Acq: 20 Jan 2023 11:13

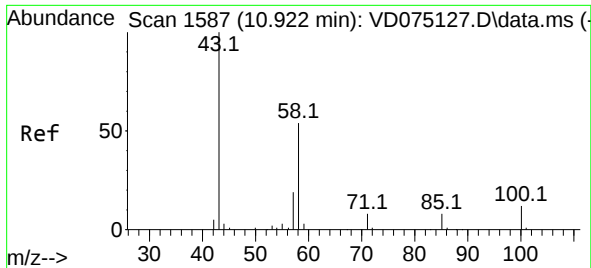
Tgt Ion: 63 Resp: 81317

Ion Ratio Lower Upper

63 100

106 27.5 22.6 33.8

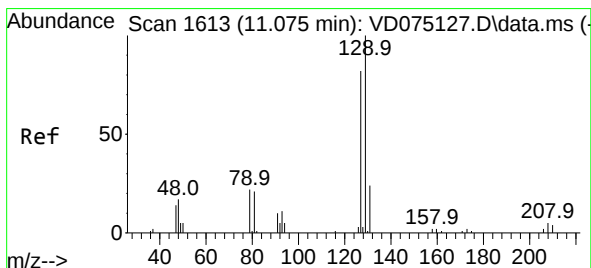
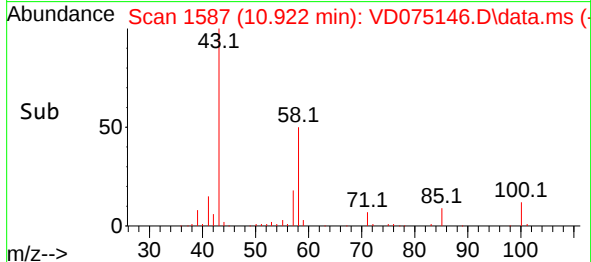
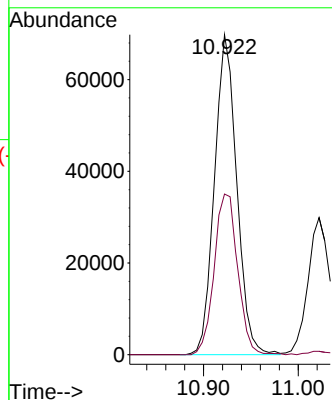
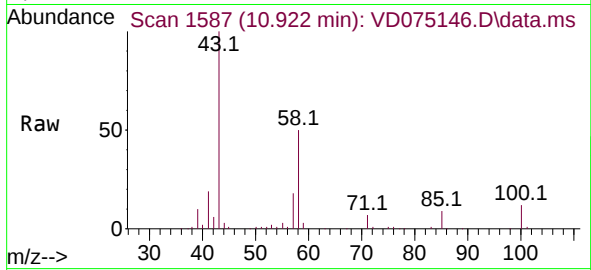




#59
2-Hexanone
Concen: 286.719 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

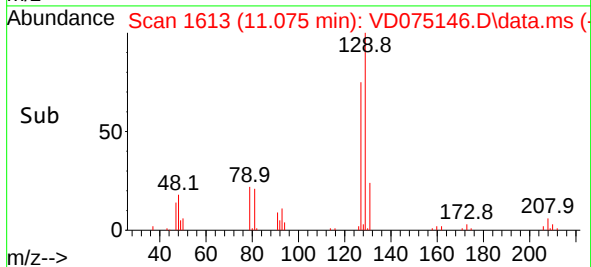
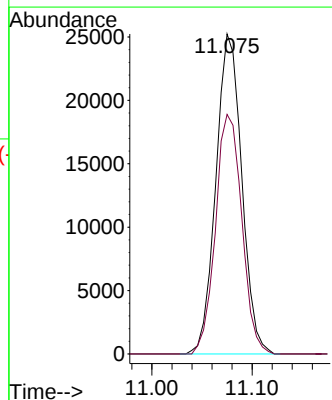
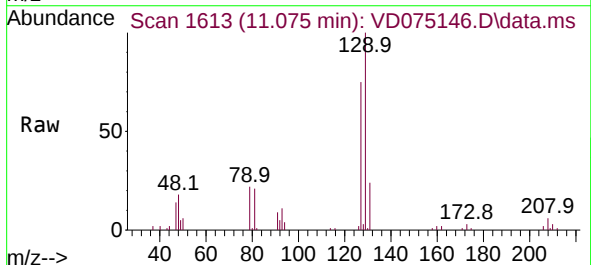
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

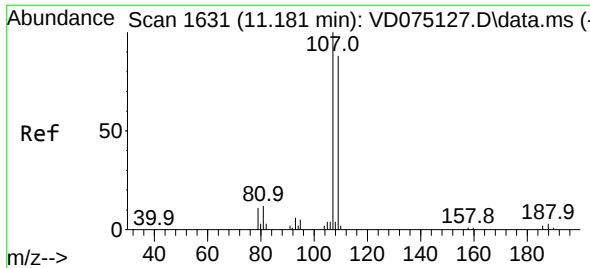
Tgt Ion: 43 Resp: 114072
Ion Ratio Lower Upper
43 100
58 52.9 26.8 80.4



#60
Dibromochloromethane
Concen: 52.394 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion: 129 Resp: 45252
Ion Ratio Lower Upper
129 100
127 76.1 38.9 116.6

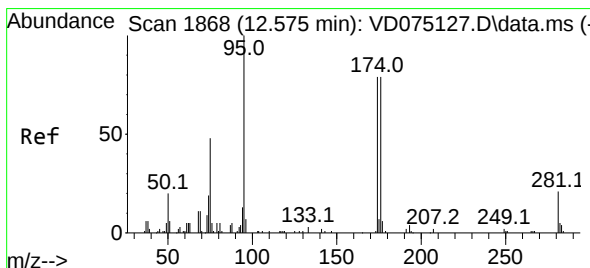
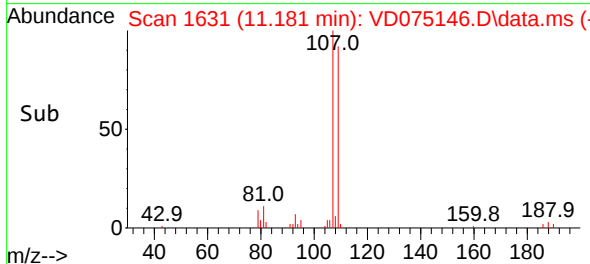
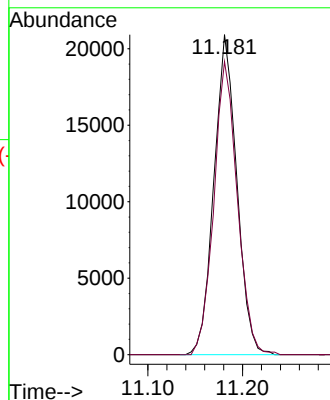
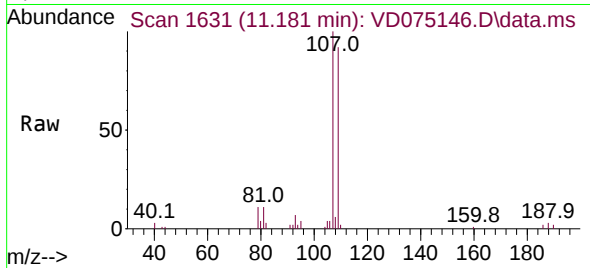




#61
1,2-Dibromoethane
Concen: 51.291 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

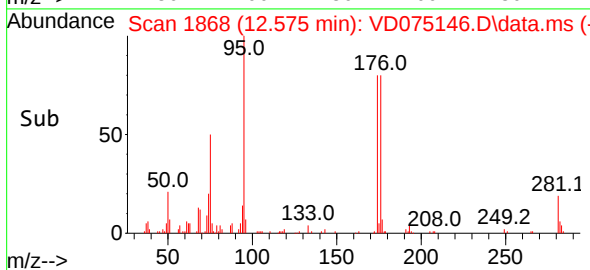
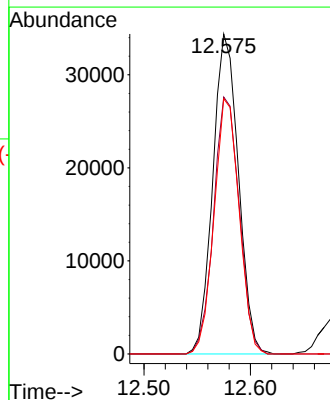
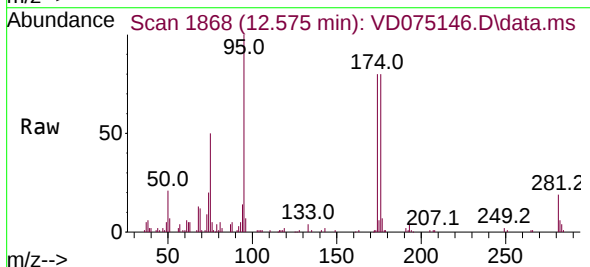
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

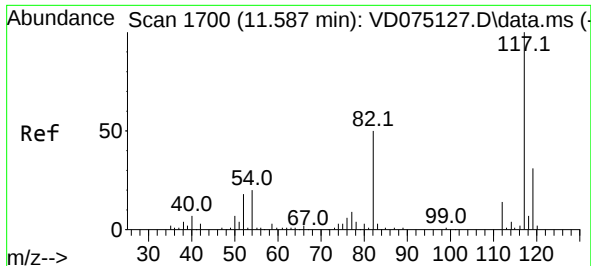
Tgt Ion:107 Resp: 35116
Ion Ratio Lower Upper
107 100
109 93.9 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 50.528 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion: 95 Resp: 57435
Ion Ratio Lower Upper
95 100
174 80.2 0.0 161.2
176 77.8 0.0 160.2

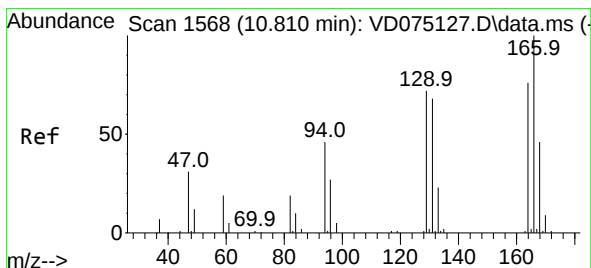
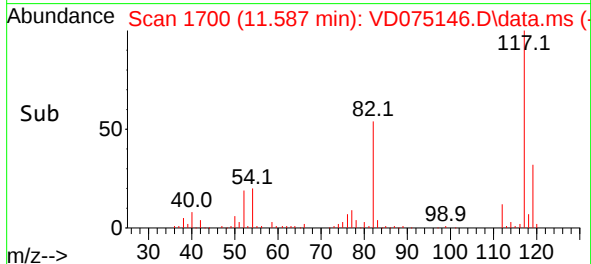
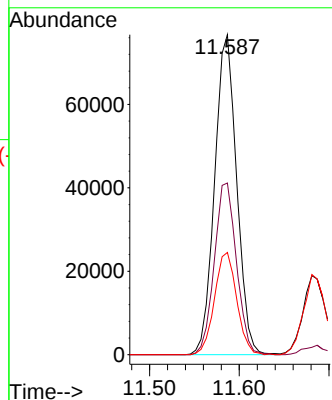
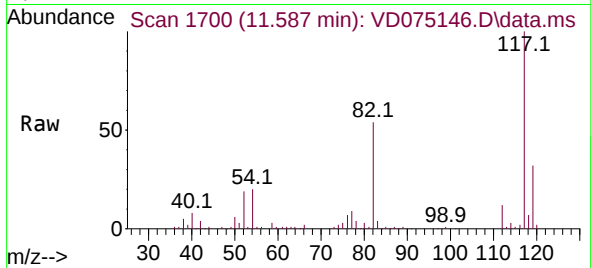




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

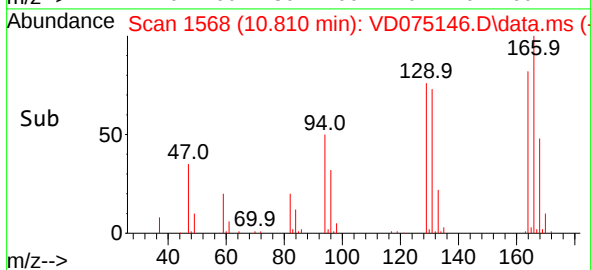
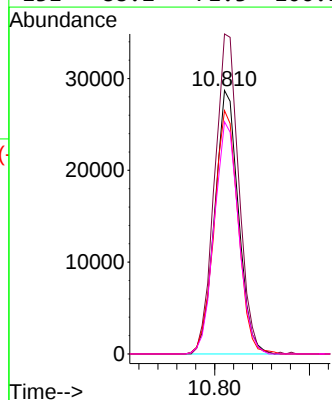
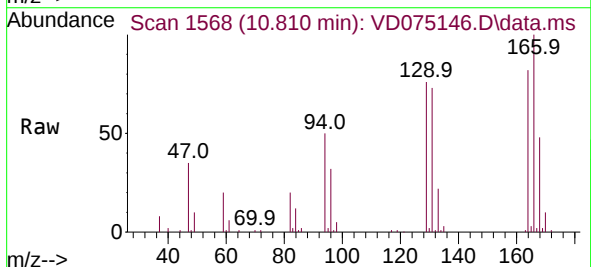
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

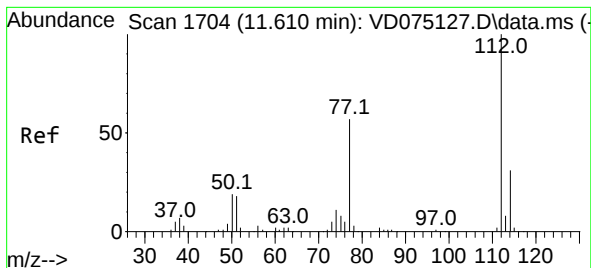
Tgt Ion:117 Resp: 130836
Ion Ratio Lower Upper
117 100
82 53.6 39.6 59.4
119 32.0 24.6 37.0



#64
Tetrachloroethene
Concen: 53.350 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion:164 Resp: 49845
Ion Ratio Lower Upper
164 100
166 121.5 105.3 157.9
129 92.4 76.2 114.4
131 88.2 71.3 106.9





#65

Chlorobenzene

Concen: 52.223 ug/l

RT: 11.610 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

Instrument :

MSVOA_D

ClientSampleId :

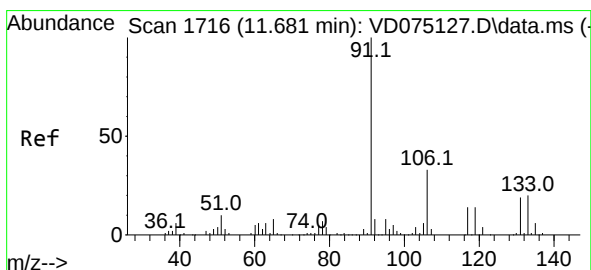
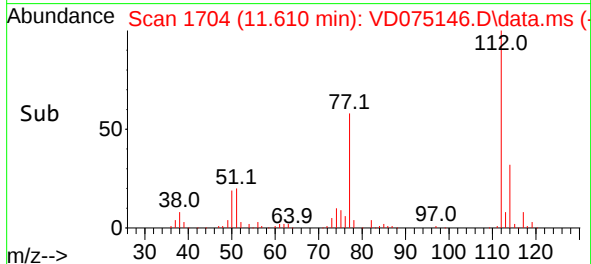
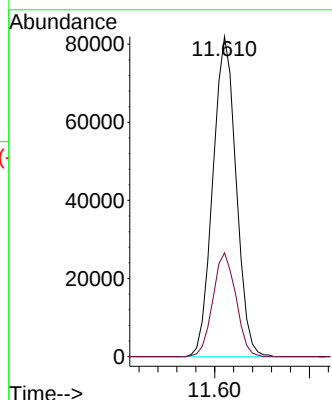
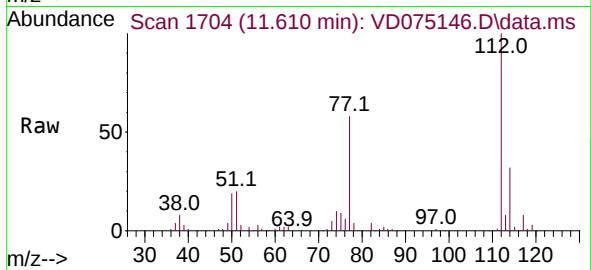
VSTDCCC050

Tgt Ion:112 Resp: 140009

Ion Ratio Lower Upper

112 100

114 32.4 24.7 37.1



#66

1,1,1,2-Tetrachloroethane

Concen: 53.782 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

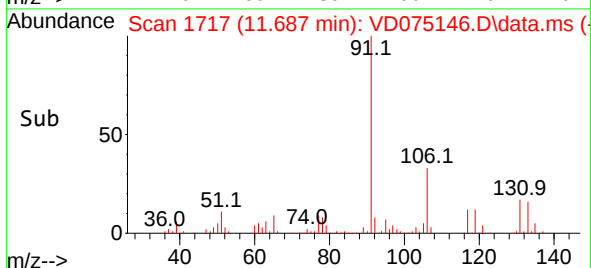
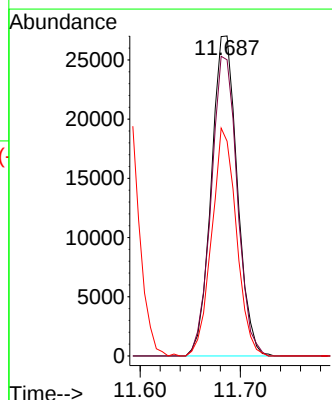
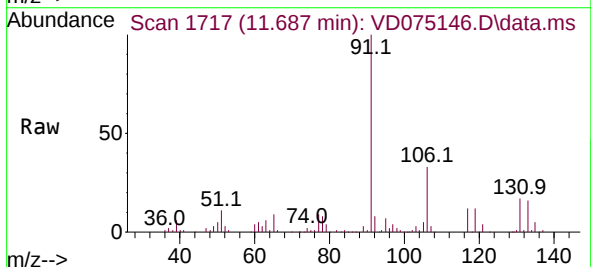
Tgt Ion:131 Resp: 48499

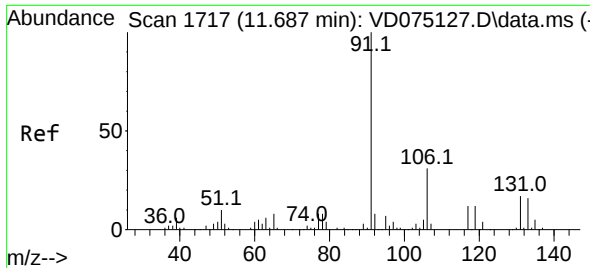
Ion Ratio Lower Upper

131 100

133 94.2 49.0 147.2

119 67.7 34.8 104.5

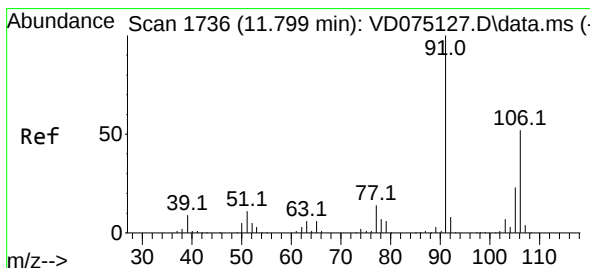
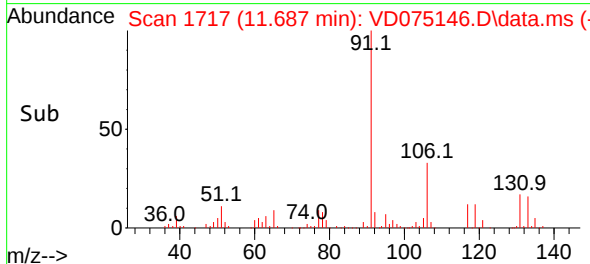
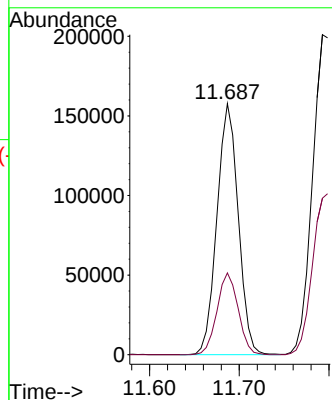
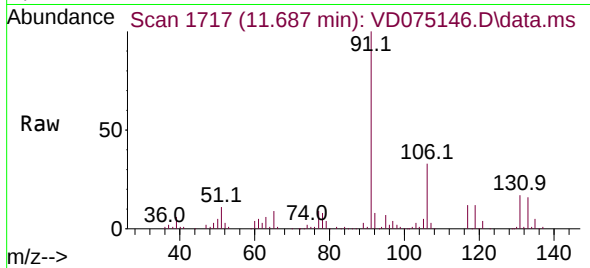




#67
Ethyl Benzene
Concen: 53.838 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

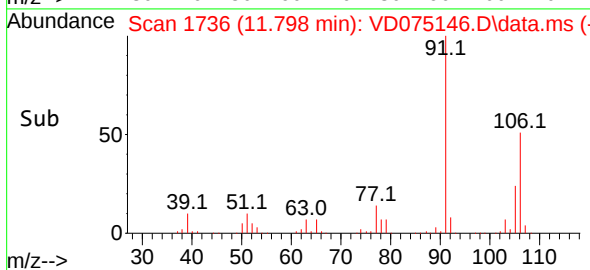
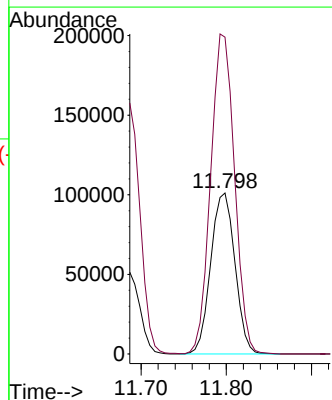
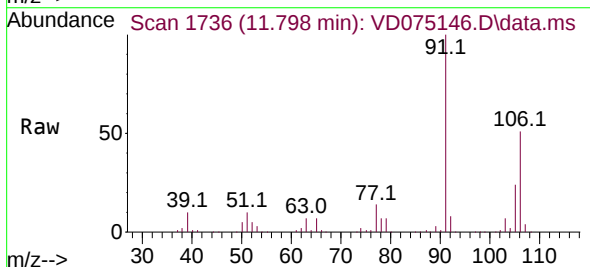
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

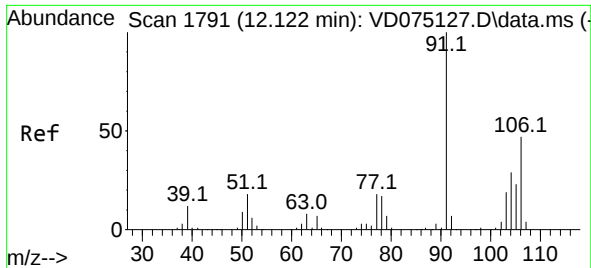
Tgt Ion: 91 Resp: 259813
Ion Ratio Lower Upper
91 100
106 32.6 25.0 37.6



#68
m/p-Xylenes
Concen: 107.057 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion:106 Resp: 199580
Ion Ratio Lower Upper
106 100
91 196.3 160.3 240.5

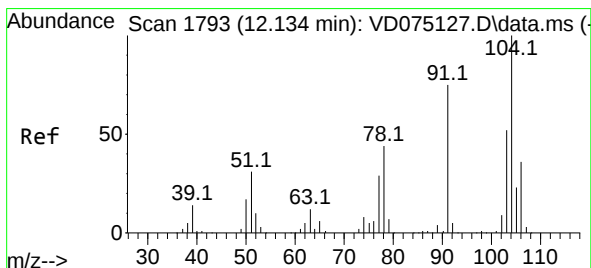
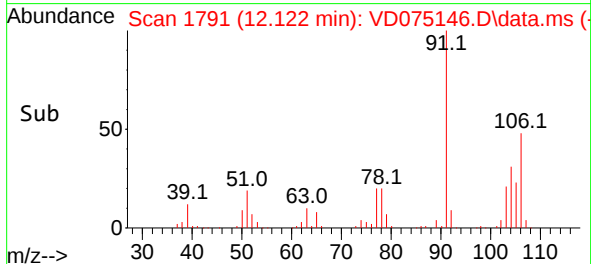
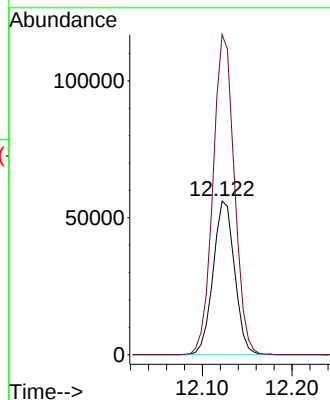
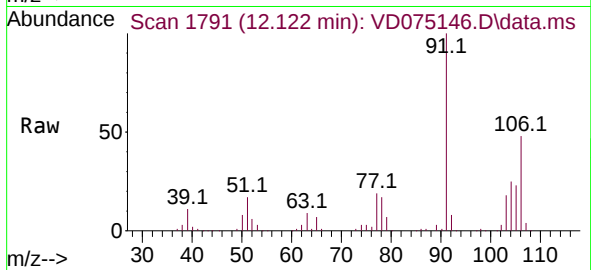




#69
o-Xylene
Concen: 53.262 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

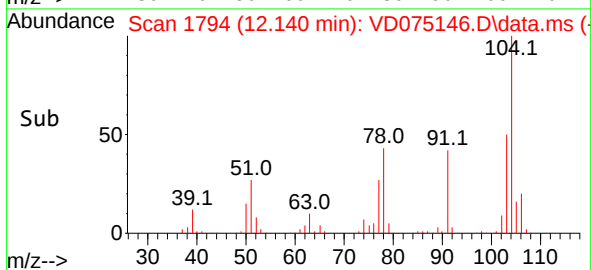
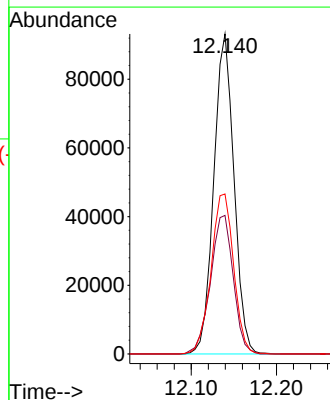
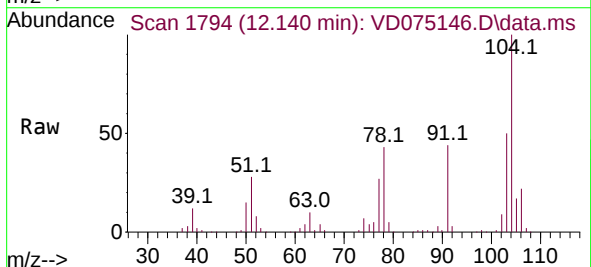
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

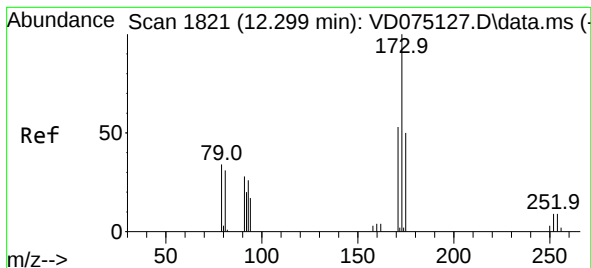
Tgt Ion:106 Resp: 93139
Ion Ratio Lower Upper
106 100
91 208.0 103.6 310.9



#70
Styrene
Concen: 52.899 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion:104 Resp: 153776
Ion Ratio Lower Upper
104 100
78 48.8 38.9 58.3
103 55.9 43.6 65.4





#71

Bromoform

Concen: 53.726 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

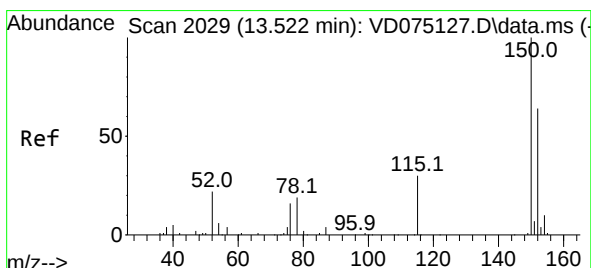
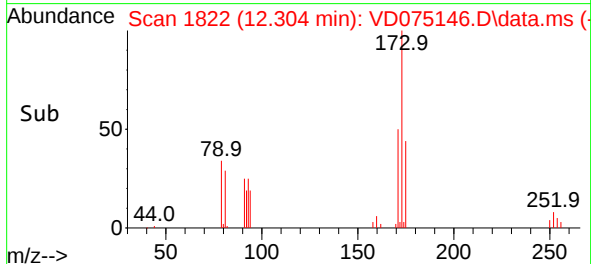
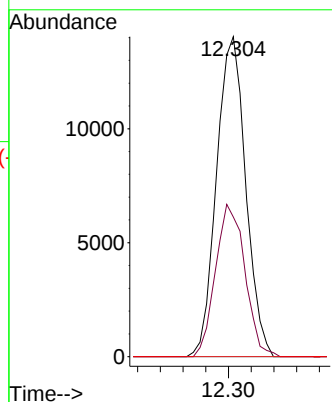
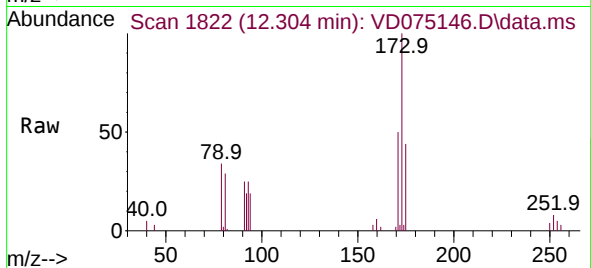
Tgt Ion:173 Resp: 25017

Ion Ratio Lower Upper

173 100

175 48.0 25.4 76.0

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: VD075146.D

Acq: 20 Jan 2023 11:13

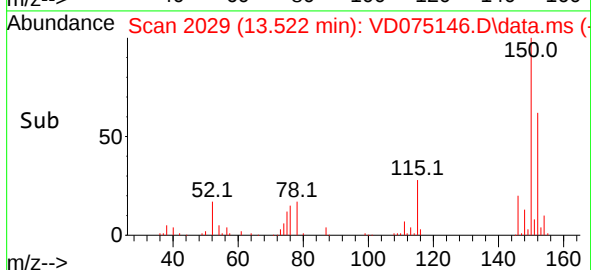
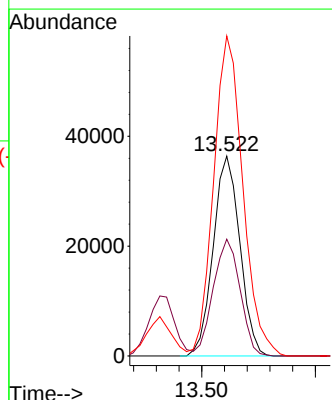
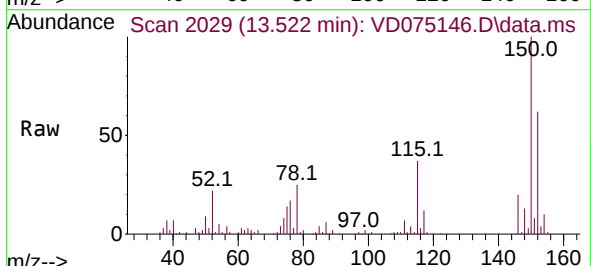
Tgt Ion:152 Resp: 59366

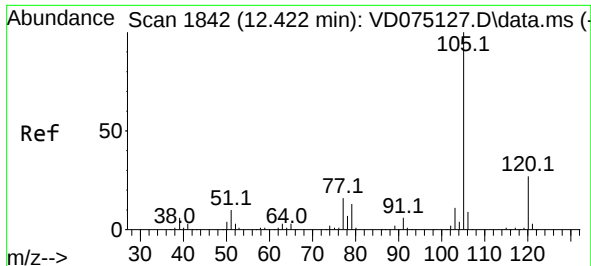
Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.4

150 175.3 0.0 348.6

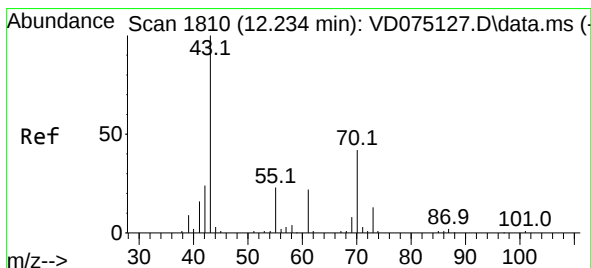
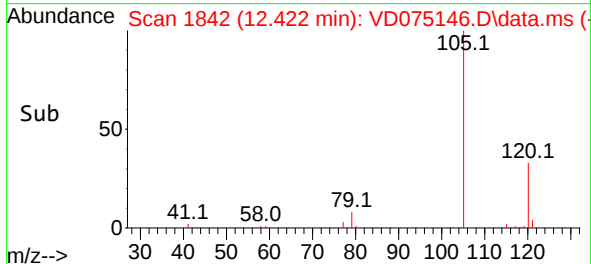
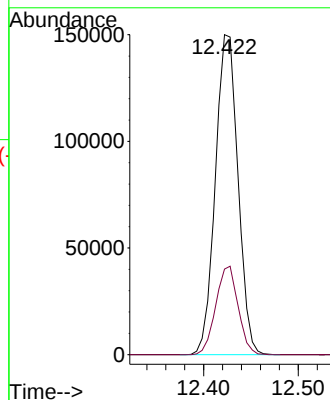
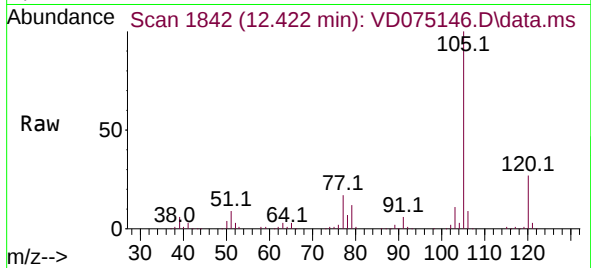




#73
Isopropylbenzene
Concen: 53.145 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

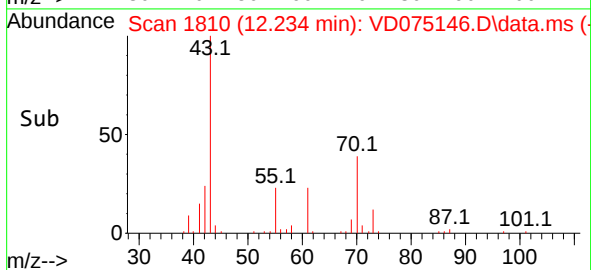
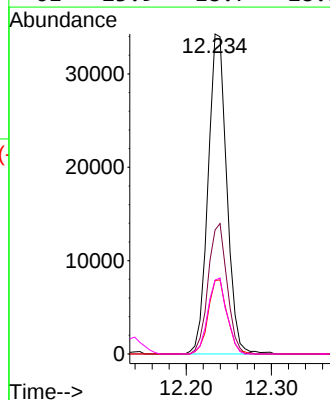
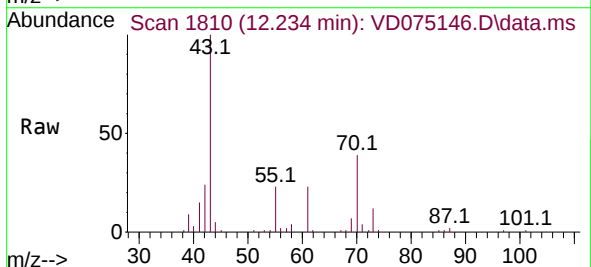
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

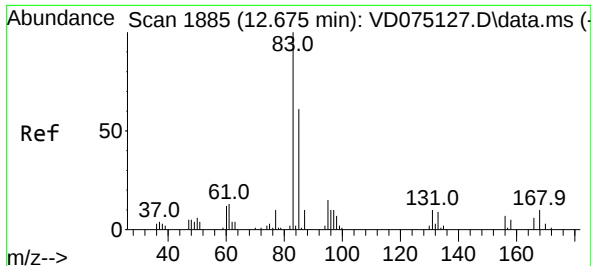
Tgt Ion:105 Resp: 249210
Ion Ratio Lower Upper
105 100
120 27.2 13.7 41.1



#74
N-ethyl acetate
Concen: 50.779 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion: 43 Resp: 52161
Ion Ratio Lower Upper
43 100
70 41.2 32.6 49.0
55 23.4 17.8 26.8
61 23.9 18.7 28.1

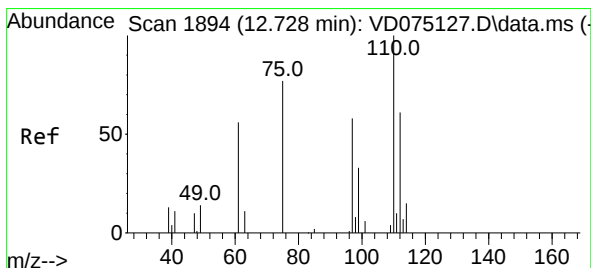
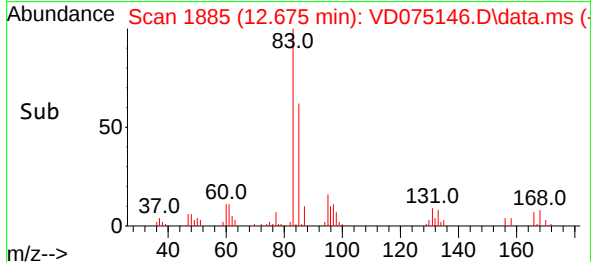
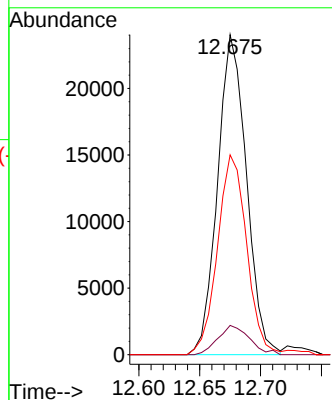
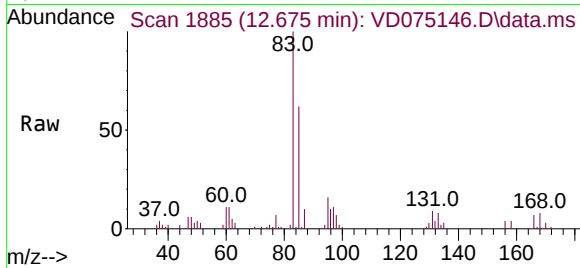




#75
1,1,2,2-Tetrachloroethane
Concen: 53.075 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

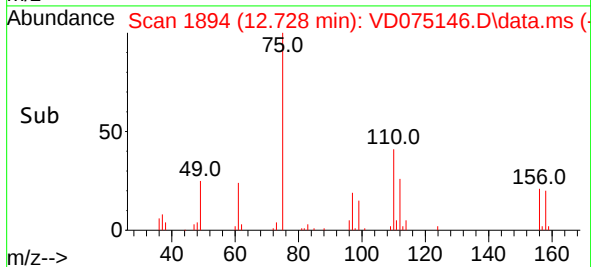
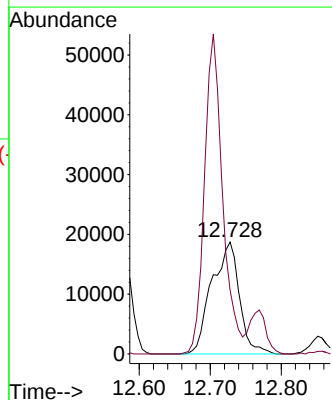
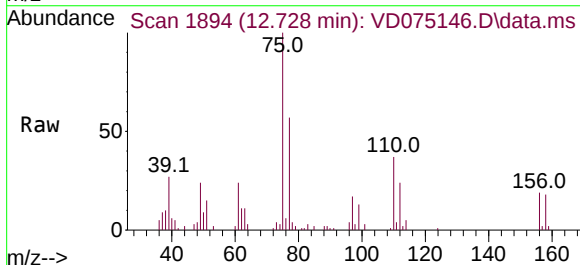
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

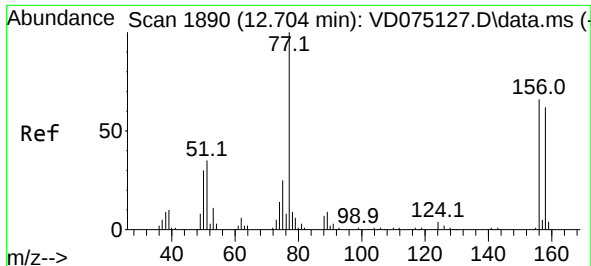
Tgt Ion: 83 Resp: 39654
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.6
85 63.0 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 100.609 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion: 75 Resp: 50585
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

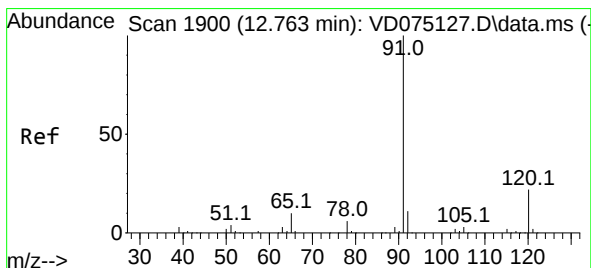
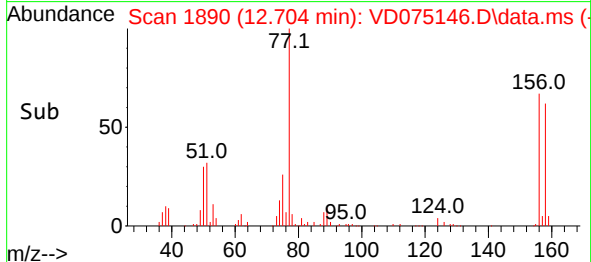
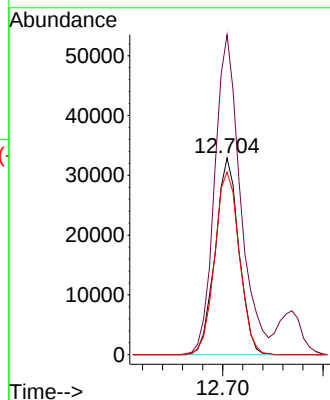
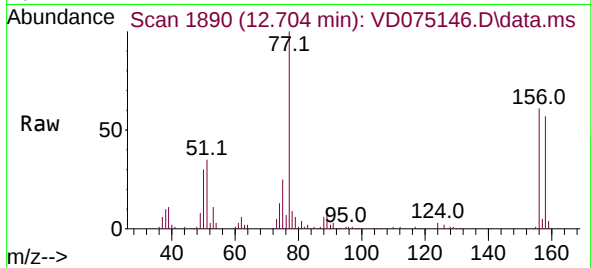




#77
Bromobenzene
Concen: 50.291 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

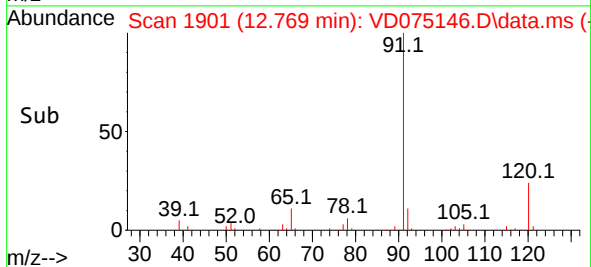
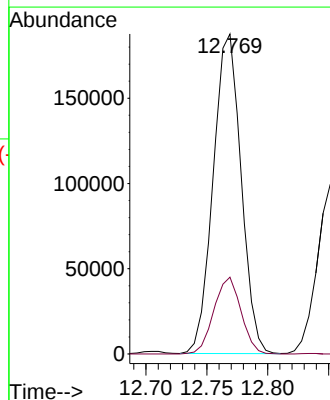
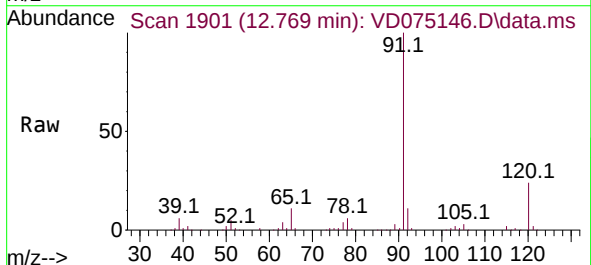
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

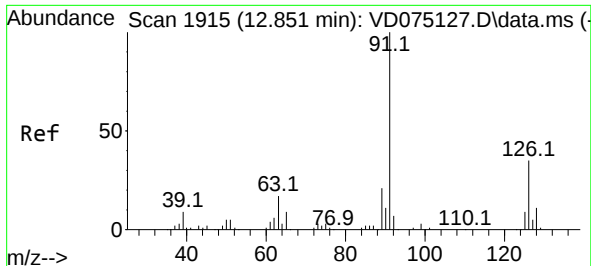
Tgt Ion:156 Resp: 53866
Ion Ratio Lower Upper
156 100
77 176.9 85.6 256.8
158 96.4 47.3 141.9



#78
n-propylbenzene
Concen: 51.979 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion: 91 Resp: 299521
Ion Ratio Lower Upper
91 100
120 23.3 11.7 35.0

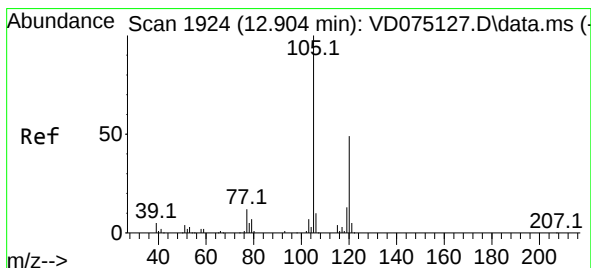
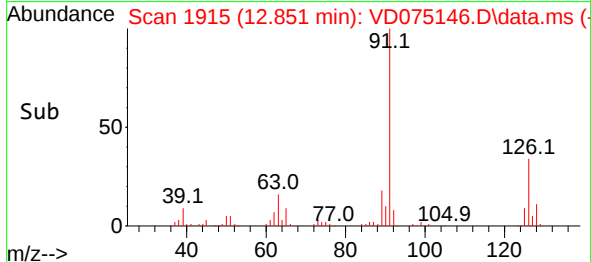
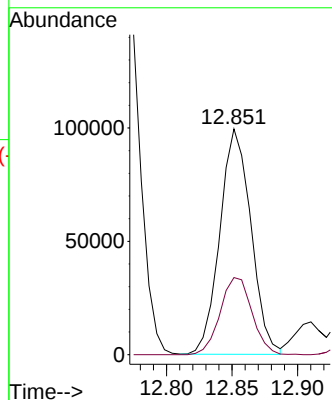
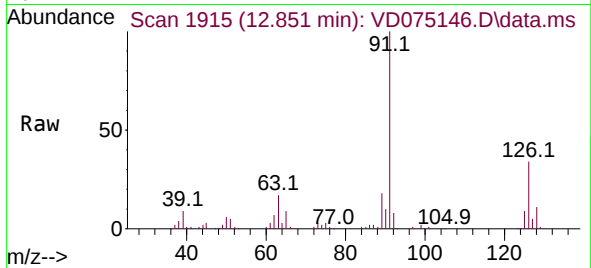




#79
2-Chlorotoluene
Concen: 51.852 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

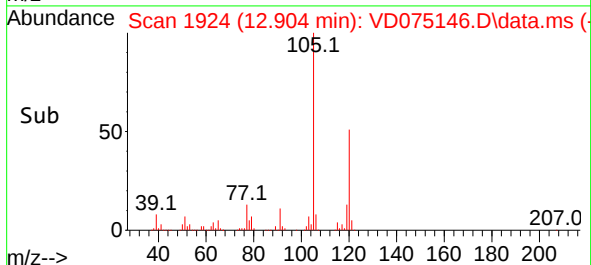
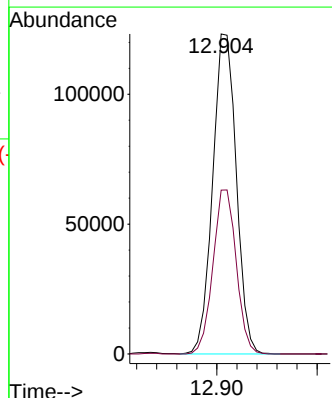
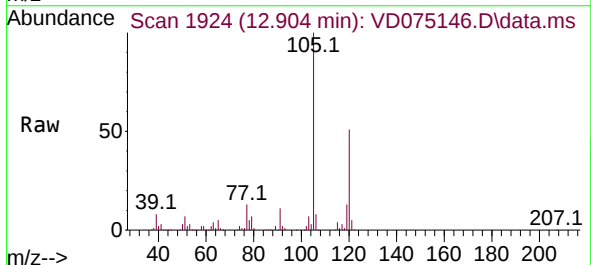
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

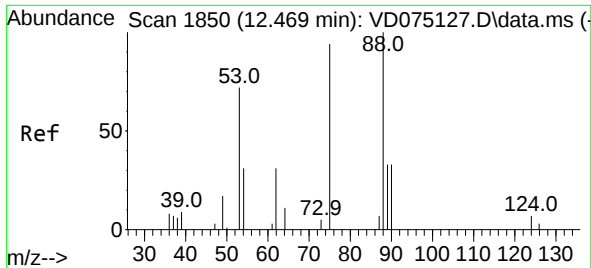
Tgt Ion: 91 Resp: 164329
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 52.449 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion: 105 Resp: 201502
Ion Ratio Lower Upper
105 100
120 50.6 24.6 73.8

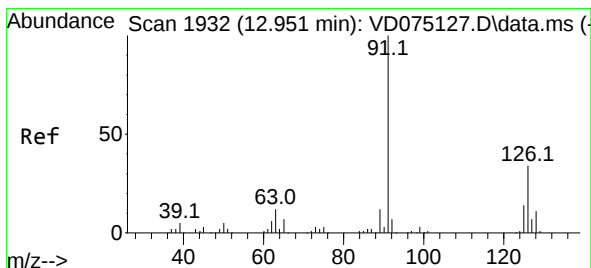
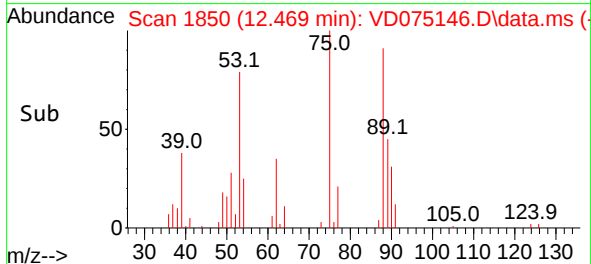
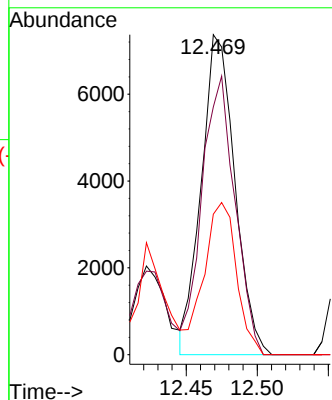
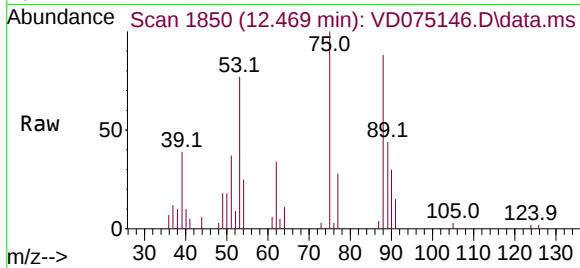




#81
trans-1,4-Dichloro-2-butene
Concen: 55.698 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

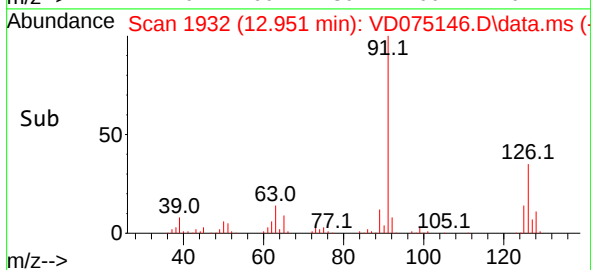
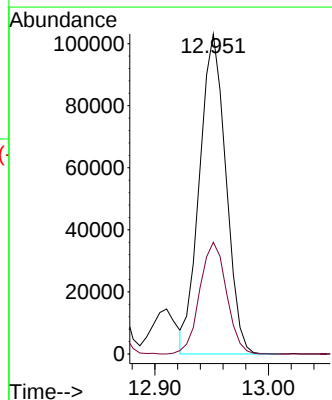
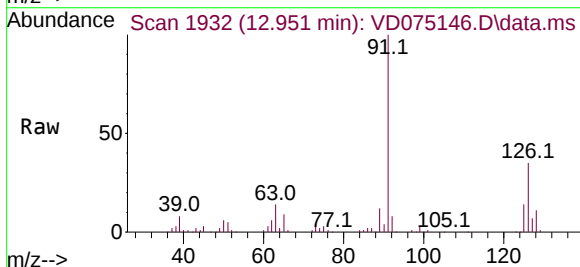
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

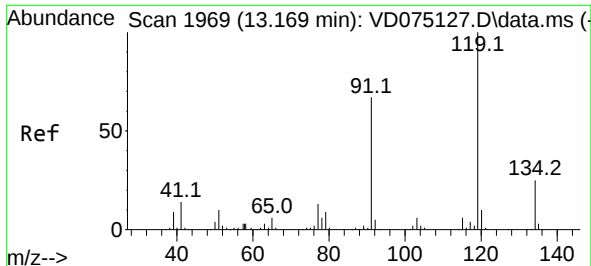
Tgt Ion: 75 Resp: 12073
Ion Ratio Lower Upper
75 100
53 86.1 70.5 105.7
89 46.8 34.6 52.0



#82
4-Chlorotoluene
Concen: 51.014 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion: 91 Resp: 166226
Ion Ratio Lower Upper
91 100
126 35.3 17.3 52.0

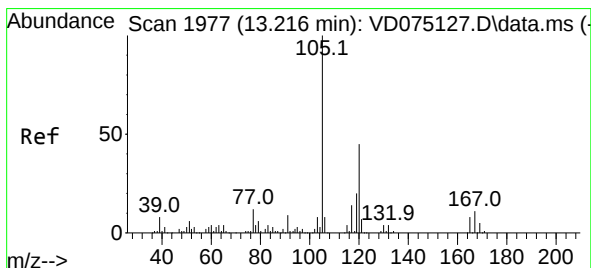
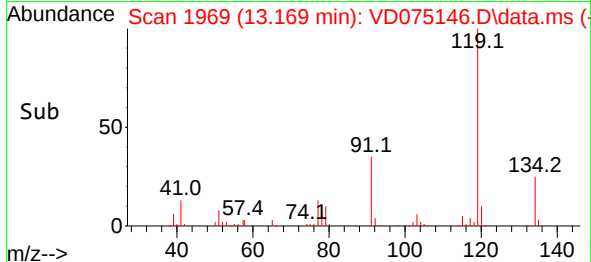
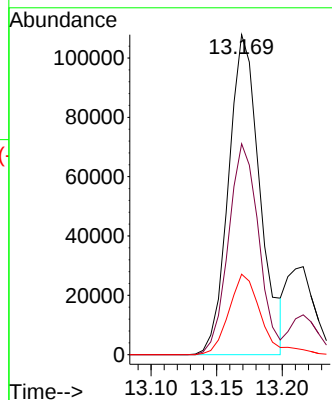
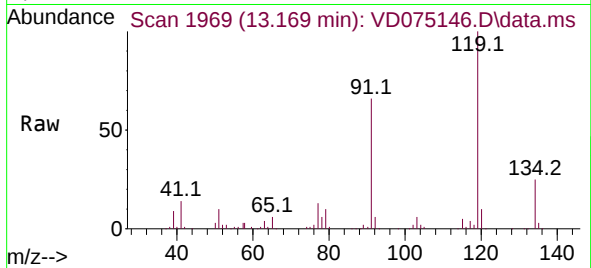




#83
tert-Butylbenzene
Concen: 53.985 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

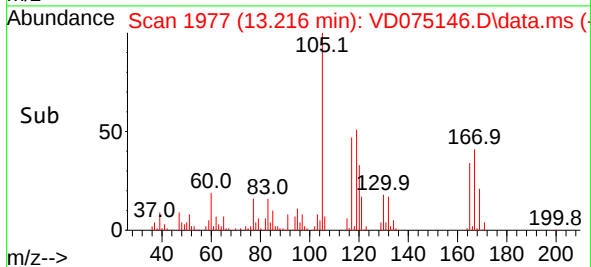
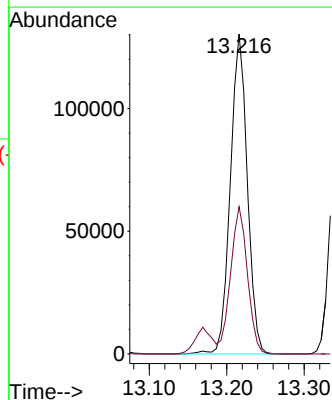
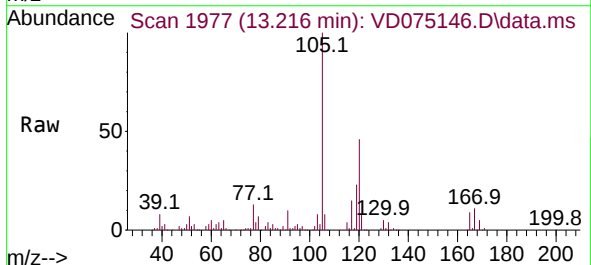
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

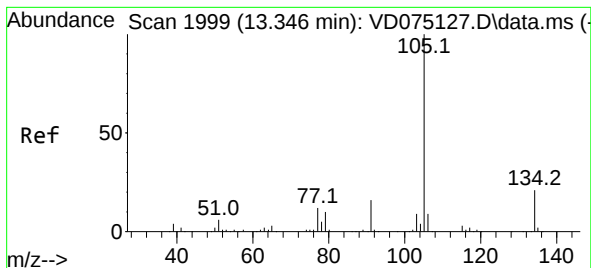
Tgt Ion:119 Resp: 179459
Ion Ratio Lower Upper
119 100
91 63.8 32.9 98.6
134 26.0 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 52.643 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion:105 Resp: 198623
Ion Ratio Lower Upper
105 100
120 45.8 23.2 69.5





#85

sec-Butylbenzene

Concen: 52.562 ug/l

RT: 13.351 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

Instrument :

MSVOA_D

ClientSampleId :

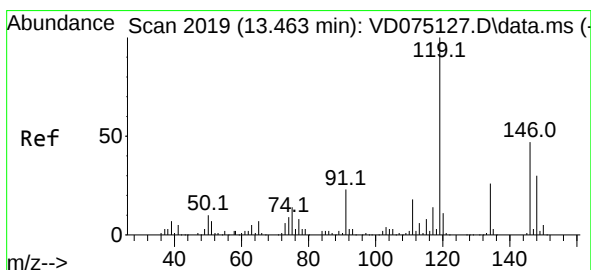
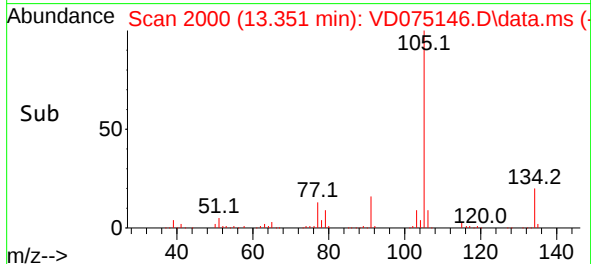
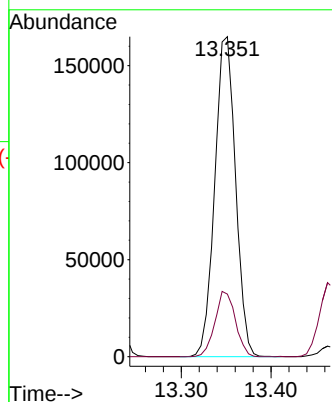
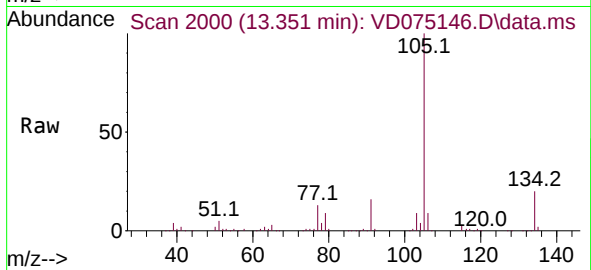
VSTDCCC050

Tgt Ion:105 Resp: 265431

Ion Ratio Lower Upper

105 100

134 20.0 10.4 31.2



#86

p-Isopropyltoluene

Concen: 52.533 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

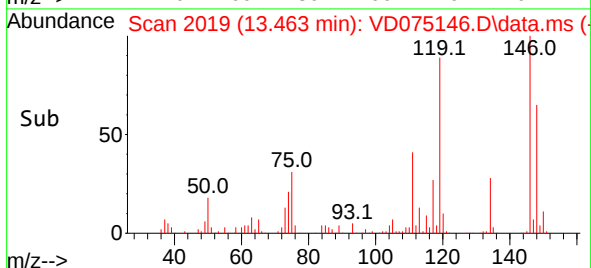
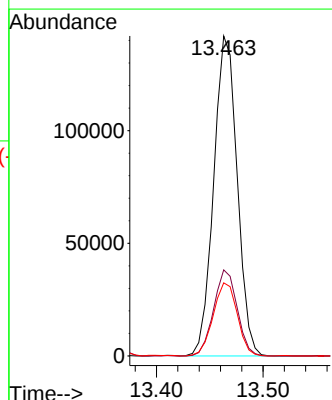
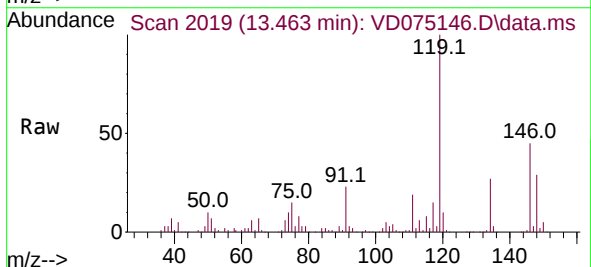
Tgt Ion:119 Resp: 217189

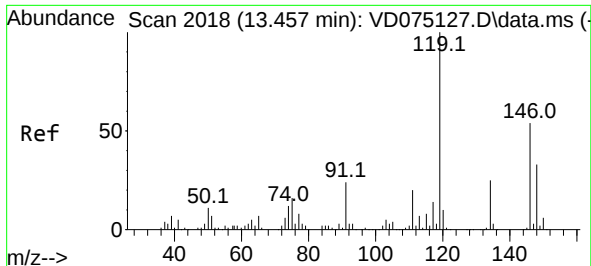
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 23.5 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 51.490 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

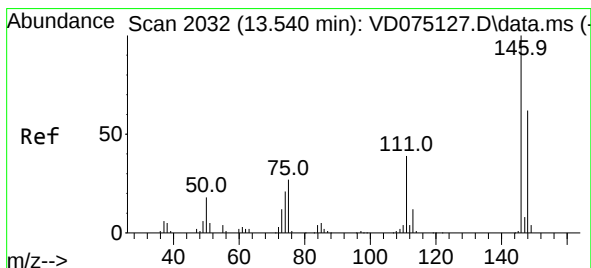
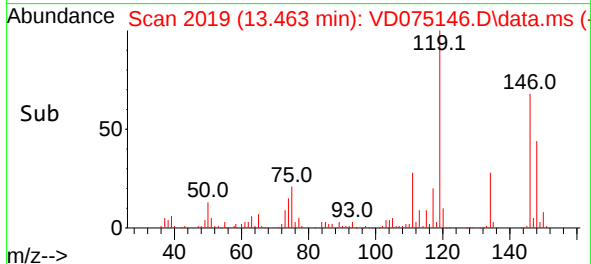
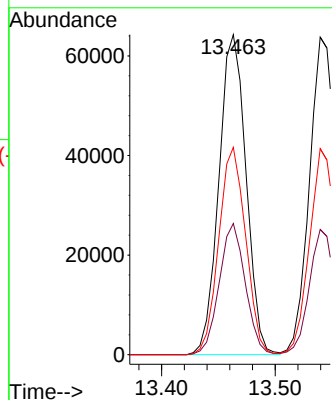
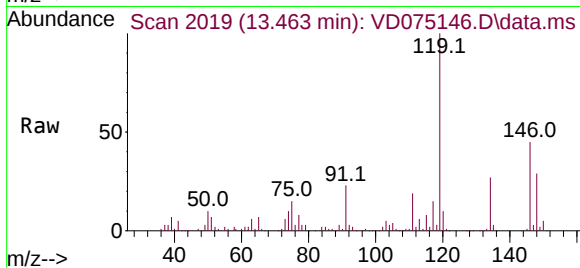
Tgt Ion:146 Resp: 106905

Ion Ratio Lower Upper

146 100

111 39.4 18.9 56.9

148 64.1 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 51.641 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

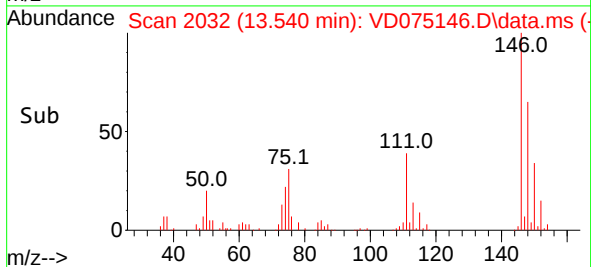
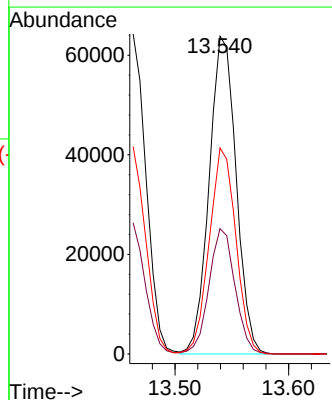
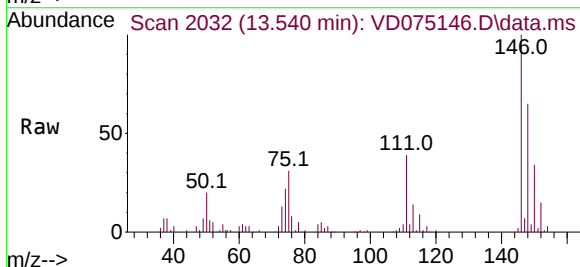
Tgt Ion:146 Resp: 105489

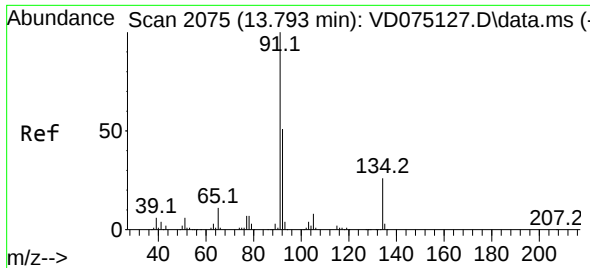
Ion Ratio Lower Upper

146 100

111 38.0 19.7 59.1

148 63.9 31.9 95.5

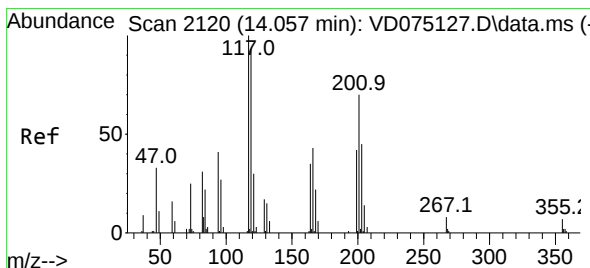
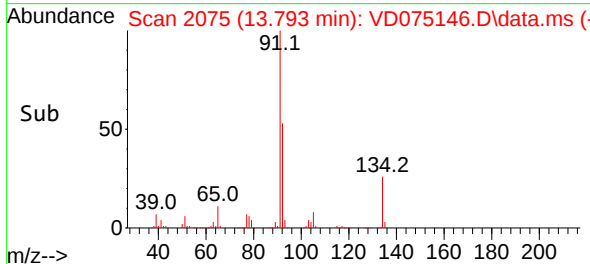
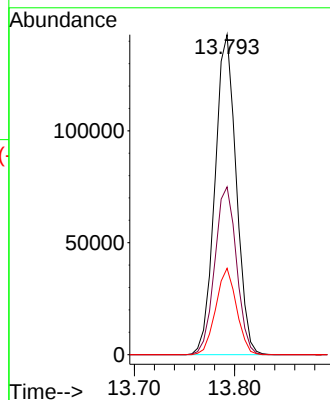
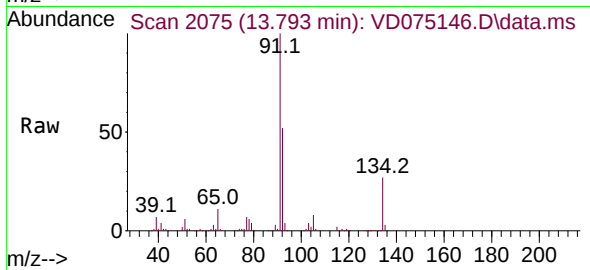




#89
n-Butylbenzene
Concen: 52.190 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

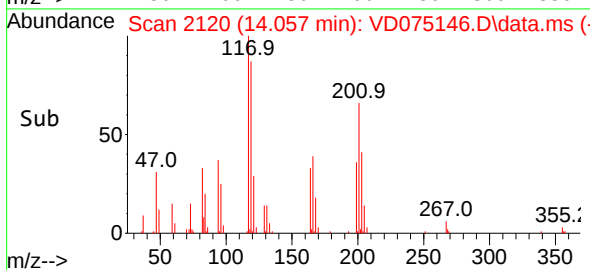
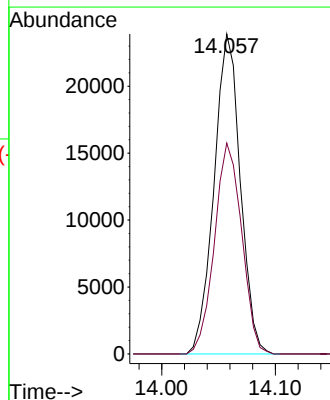
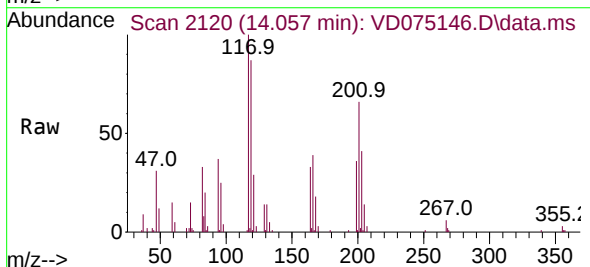
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

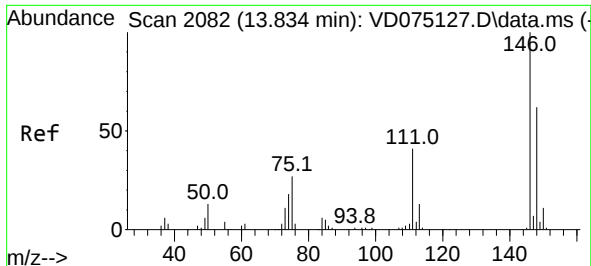
Tgt Ion: 91 Resp: 210257
Ion Ratio Lower Upper
91 100
92 53.6 26.8 80.3
134 26.4 13.3 39.8



#90
Hexachloroethane
Concen: 52.717 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion: 117 Resp: 38487
Ion Ratio Lower Upper
117 100
201 68.2 35.1 105.5





#91

1,2-Dichlorobenzene

Concen: 51.343 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

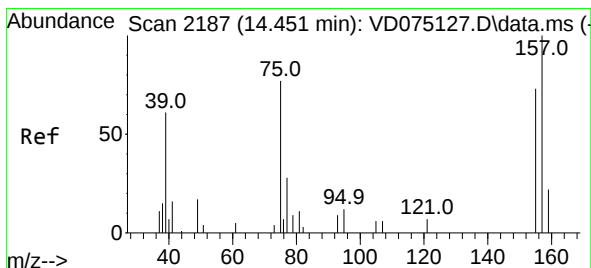
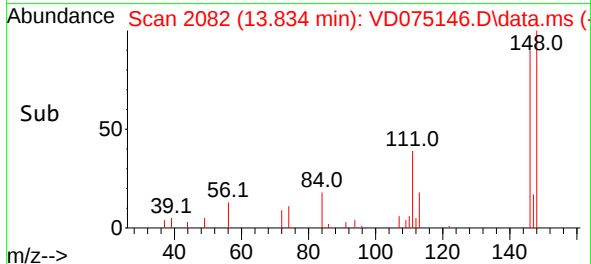
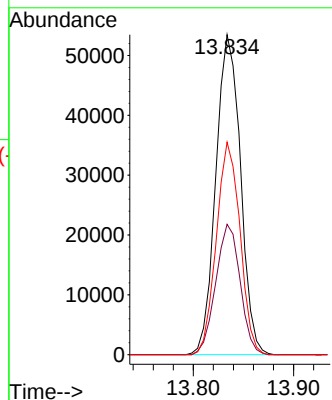
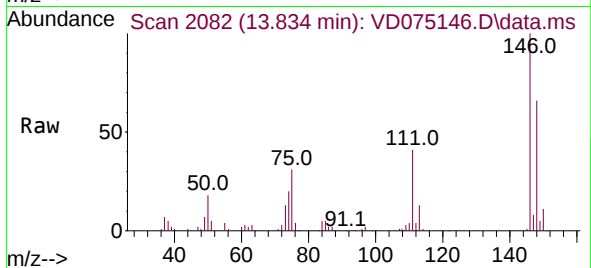
Tgt Ion:146 Resp: 91200

Ion Ratio Lower Upper

146 100

111 40.3 20.4 61.2

148 63.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.971 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

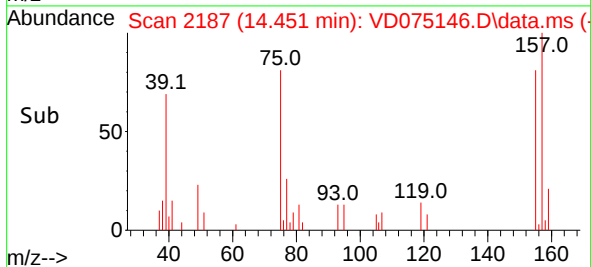
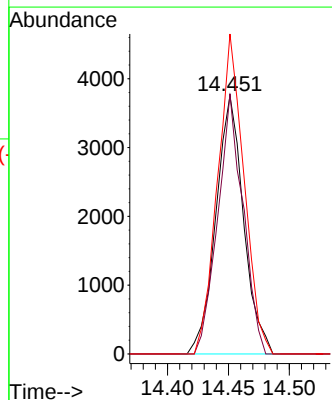
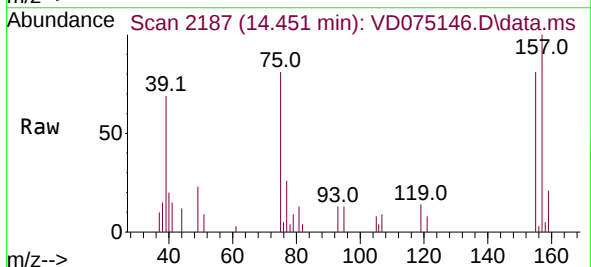
Tgt Ion: 75 Resp: 5937

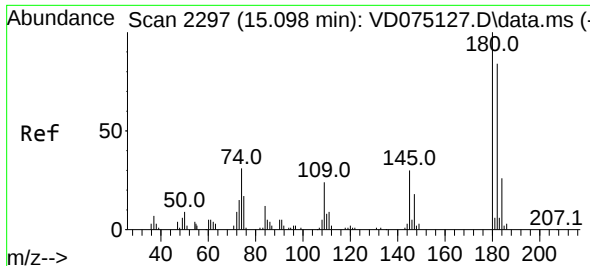
Ion Ratio Lower Upper

75 100

155 91.8 43.4 130.2

157 118.2 56.4 169.2





#93

1,2,4-Trichlorobenzene

Concen: 50.678 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

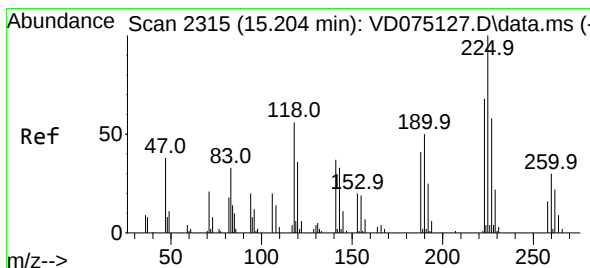
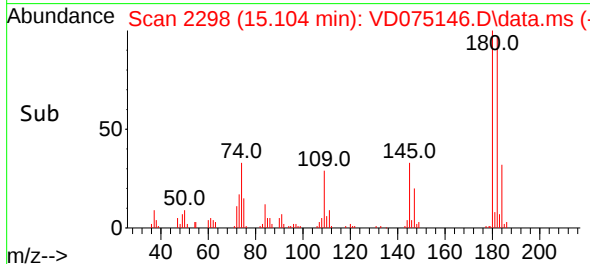
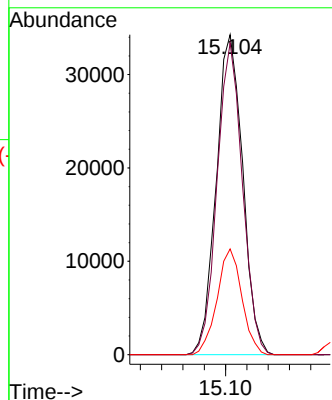
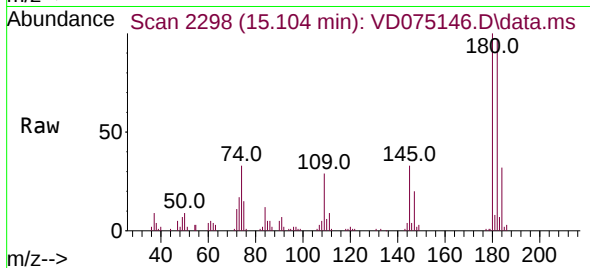
Tgt Ion:180 Resp: 59112

Ion Ratio Lower Upper

180 100

182 93.0 46.2 138.6

145 31.0 15.8 47.4



#94

Hexachlorobutadiene

Concen: 50.862 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD075146.D

Acq: 20 Jan 2023 11:13

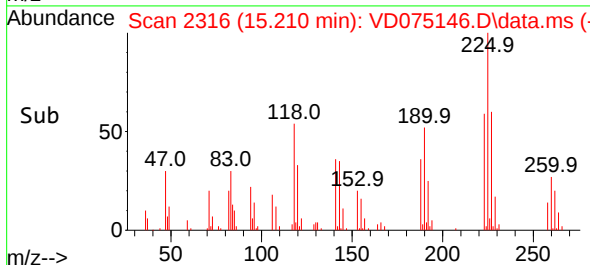
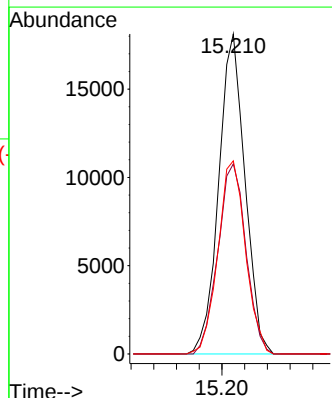
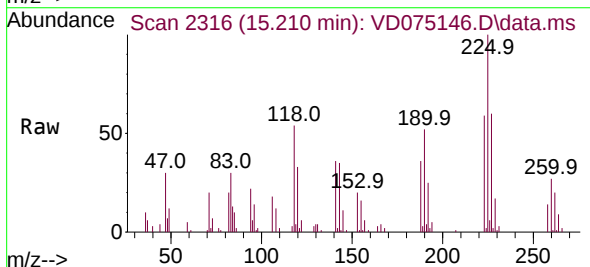
Tgt Ion:225 Resp: 29075

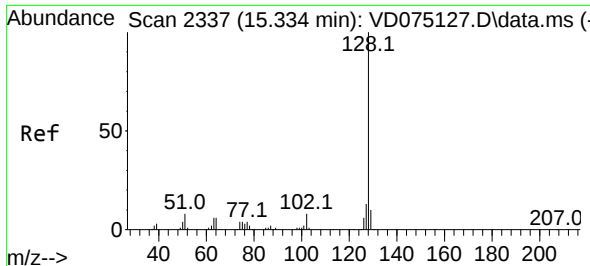
Ion Ratio Lower Upper

225 100

223 63.4 31.8 95.4

227 63.3 30.7 92.1

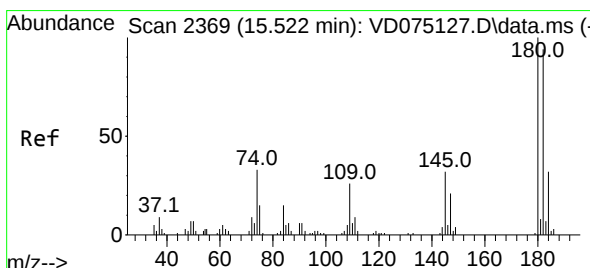
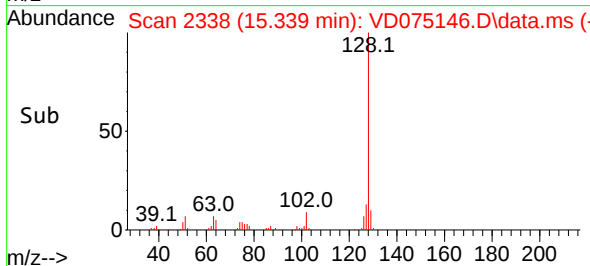
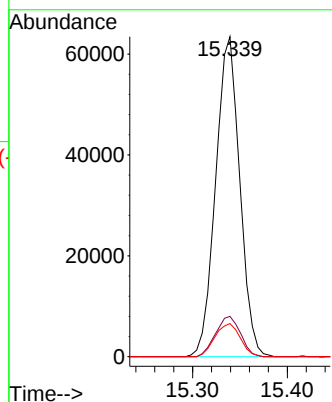
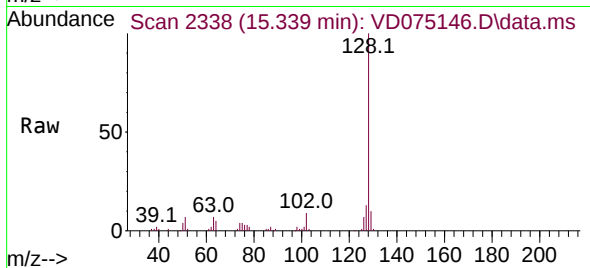




#95
Naphthalene
Concen: 48.345 ug/l
RT: 15.339 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128	Resp:	112258
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.6 15.8
129	10.9	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.442 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD075146.D
Acq: 20 Jan 2023 11:13

Tgt Ion:180	Resp:	50204
Ion Ratio	Lower	Upper
180	100	
182	91.7	47.0 141.0
145	33.4	16.1 48.3

