

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011823\
 Data File : VD075126.D
 Acq On : 18 Jan 2023 11:48
 Operator : KP/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Jan 19 01:08:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:06:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	97655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	173869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	151068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	66779	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	19557	19.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	39.240%#
35) Dibromofluoromethane	7.810	113	20920	19.763	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.520%#
50) Toluene-d8	10.269	98	80097	19.456	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	38.920%#
62) 4-Bromofluorobenzene	12.575	95	25223	19.405	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	38.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	20224	23.692	ug/l	90
3) Chloromethane	2.146	50	26791	20.999	ug/l	95
4) Vinyl Chloride	2.281	62	28452	20.940	ug/l	96
5) Bromomethane	2.681	94	18009	19.253	ug/l	96
6) Chloroethane	2.834	64	19018	20.372	ug/l	99
7) Trichlorofluoromethane	3.175	101	35188	20.588	ug/l	97
8) Diethyl Ether	3.587	74	10941	19.920	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.969	101	22619	21.154	ug/l	98
10) Methyl Iodide	4.169	142	28820	20.367	ug/l	96
11) Tert butyl alcohol	5.052	59	7576	106.152	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	23260	20.792	ug/l	98
13) Acrolein	3.799	56	7986	116.569	ug/l	90
14) Allyl chloride	4.563	41	36228	20.322	ug/l	98
15) Acrylonitrile	5.252	53	22842	95.889	ug/l	97
16) Acetone	4.022	43	24547	91.988	ug/l	94
17) Carbon Disulfide	4.275	76	75848	20.930	ug/l	98
18) Methyl Acetate	4.563	43	13798	19.156	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	45461	19.355	ug/l	94
20) Methylene Chloride	4.805	84	35574	20.861	ug/l	89
21) trans-1,2-Dichloroethene	5.310	96	24640	20.076	ug/l	95
22) Diisopropyl ether	6.216	45	67604	20.066	ug/l	96
23) Vinyl Acetate	6.157	43	146013	99.776	ug/l	99
24) 1,1-Dichloroethane	6.116	63	42318	19.952	ug/l	97
25) 2-Butanone	7.081	43	29283	91.437	ug/l	97
26) 2,2-Dichloropropane	7.075	77	38033	20.366	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	27625	20.284	ug/l	99
28) Bromochloromethane	7.428	49	12498	21.527	ug/l	100
29) Tetrahydrofuran	7.446	42	17632	96.573	ug/l	100
30) Chloroform	7.598	83	41672	19.763	ug/l	93
31) Cyclohexane	7.875	56	40994	20.718	ug/l	94
32) 1,1,1-Trichloroethane	7.798	97	36156	19.733	ug/l	99
36) 1,1-Dichloropropene	8.010	75	33448	19.805	ug/l	99
37) Ethyl Acetate	7.163	43	13378	19.317	ug/l	97
38) Carbon Tetrachloride	7.993	117	28083	20.028	ug/l	95
39) Methylcyclohexane	9.275	83	41652	20.117	ug/l	90
40) Benzene	8.251	78	95163	19.839	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	7348	17.611	ug/l	94
42) 1,2-Dichloroethane	8.328	62	24353	19.159	ug/l	98
43) Isopropyl Acetate	8.363	43	24605	18.589	ug/l	99
44) Trichloroethene	9.028	130	25948	19.364	ug/l	92
45) 1,2-Dichloropropane	9.310	63	22483	19.051	ug/l	95
46) Dibromomethane	9.398	93	12135	19.224	ug/l	94
47) Bromodichloromethane	9.587	83	28974	18.727	ug/l	96
48) Methyl methacrylate	9.381	41	12086	18.780	ug/l	96
49) 1,4-Dioxane	9.393	88	2228	374.090	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	59740	93.254	ug/l	99
52) Toluene	10.334	92	60120	19.935	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	27773	18.983	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	34838	19.413	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	15900	19.459	ug/l	95
56) Ethyl methacrylate	10.598	69	19109	18.906	ug/l	99
57) 1,3-Dichloropropane	10.881	76	27223	19.076	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	33954	100.481	ug/l	99
59) 2-Hexanone	10.922	43	42633	91.767	ug/l	99
60) Dibromochloromethane	11.075	129	18253	18.266	ug/l	97
61) 1,2-Dibromoethane	11.187	107	15395	19.488	ug/l	98
64) Tetrachloroethene	10.816	164	21658	19.997	ug/l	93
65) Chlorobenzene	11.610	112	60701	19.871	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.687	131	20272	19.595	ug/l	96
67) Ethyl Benzene	11.687	91	112112	20.112	ug/l	99
68) m/p-Xylenes	11.792	106	87264	40.626	ug/l	98
69) o-Xylene	12.122	106	39955	19.752	ug/l	98
70) Styrene	12.139	104	66595	19.676	ug/l	98
71) Bromoform	12.304	173	10016	18.379	ug/l #	99
73) Isopropylbenzene	12.422	105	106155	20.312	ug/l	99
74) N-amyl acetate	12.239	43	22227	19.350	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.681	83	16721	19.636	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	20743	32.930	ug/l #	100
77) Bromobenzene	12.704	156	24212	20.397	ug/l	99
78) n-propylbenzene	12.769	91	132084	20.374	ug/l	99
79) 2-Chlorotoluene	12.851	91	72024	20.260	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	86402	20.115	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.475	75	4542	18.854	ug/l	97
82) 4-Chlorotoluene	12.951	91	73509	19.968	ug/l	100
83) tert-Butylbenzene	13.169	119	77679	20.769	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	86221	20.478	ug/l	99
85) sec-Butylbenzene	13.351	105	115114	20.356	ug/l	98
86) p-Isopropyltoluene	13.463	119	93915	20.207	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	47634	20.292	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	45405	19.883	ug/l	97
89) n-Butylbenzene	13.792	91	90253	20.015	ug/l	99
90) Hexachloroethane	14.057	117	15939	19.736	ug/l	98
91) 1,2-Dichlorobenzene	13.833	146	40466	20.223	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2548	19.738	ug/l	98
93) 1,2,4-Trichlorobenzene	15.104	180	24928	19.214	ug/l	97
94) Hexachlorobutadiene	15.210	225	12670	19.786	ug/l	97
95) Naphthalene	15.339	128	48699	18.907	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	21906	19.487	ug/l	97

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QLast Update : Thu Jan 19 01:06:43 2023
Response via : Initial Calibration

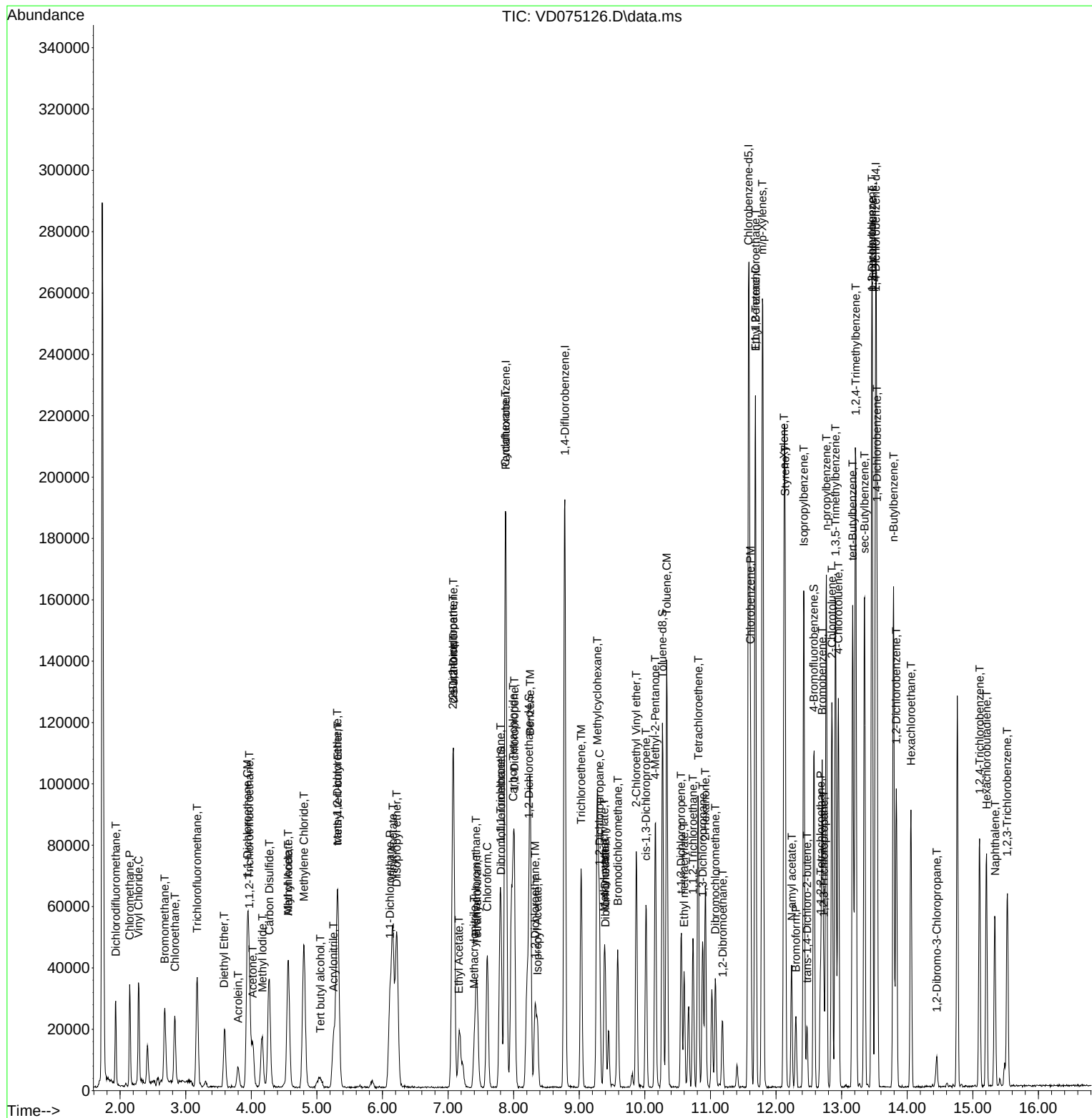
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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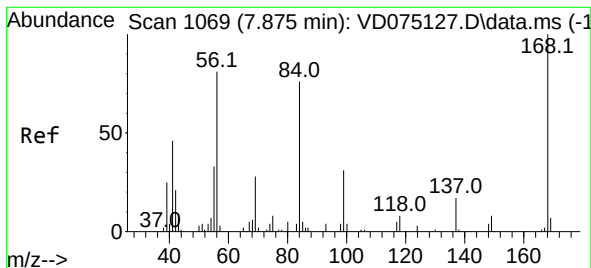
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD075126.D

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Instrument :

MSVOA_D

ClientSampleId :

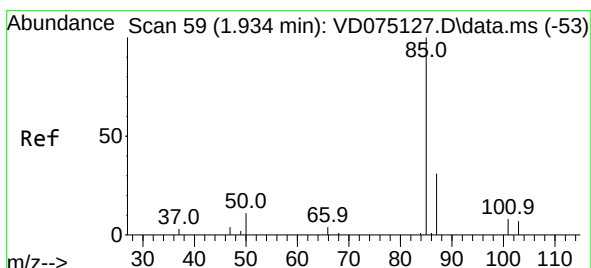
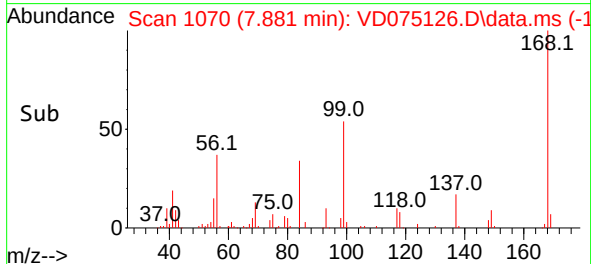
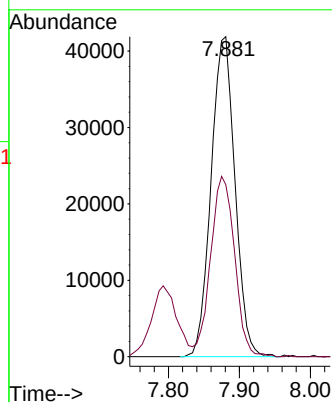
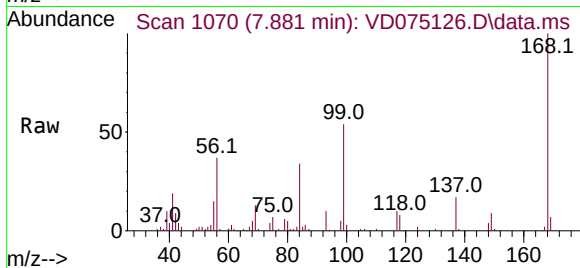
VSTDIC020

Tgt Ion:168 Resp: 97655

Ion Ratio Lower Upper

168 100

99 53.8 45.2 67.8



#2

Dichlorodifluoromethane

Concen: 23.692 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD075126.D

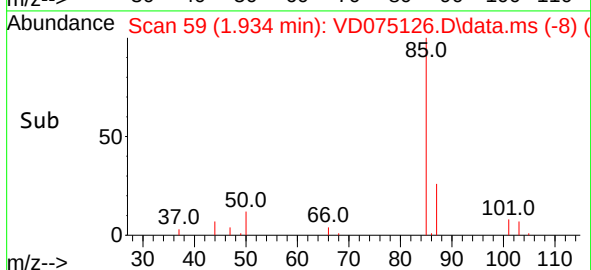
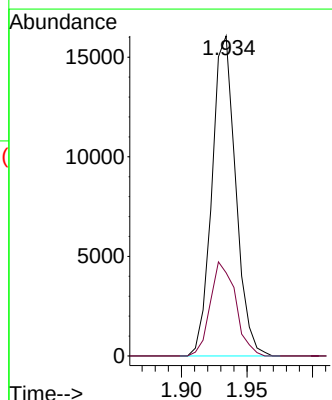
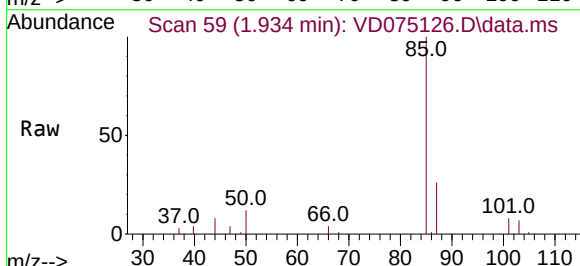
Acq: 18 Jan 2023 11:48

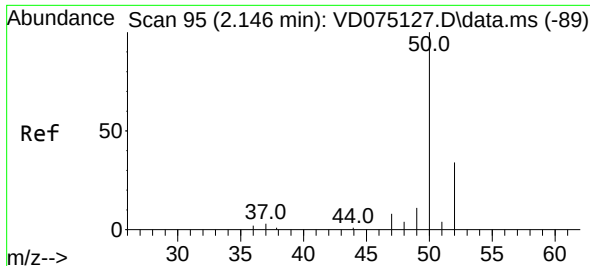
Tgt Ion: 85 Resp: 20224

Ion Ratio Lower Upper

85 100

87 26.0 15.7 47.0

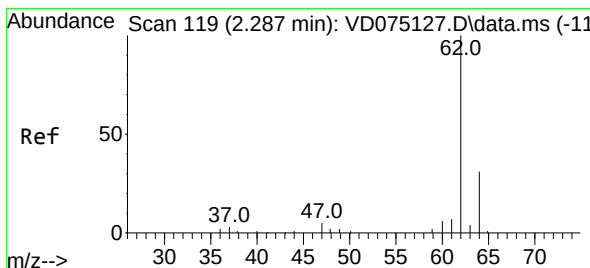
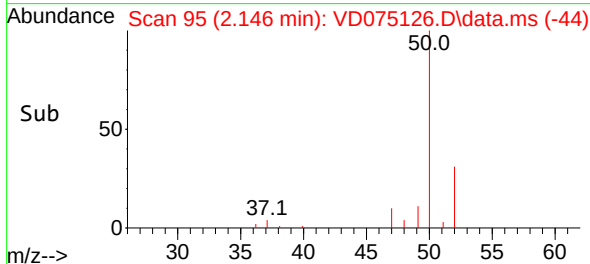
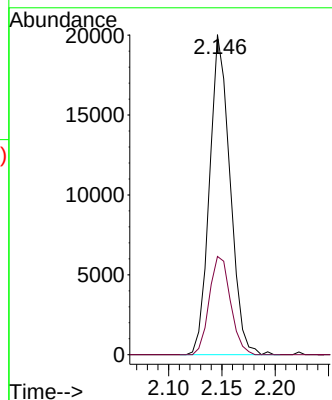
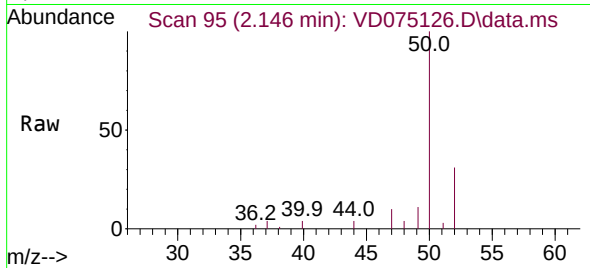




#3
Chloromethane
Concen: 20.999 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

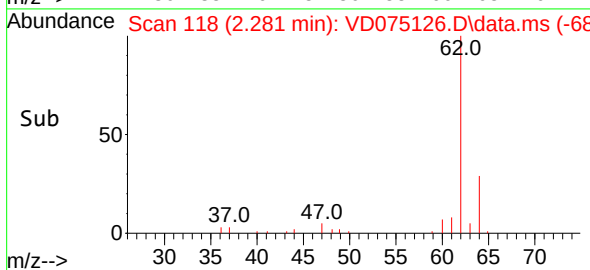
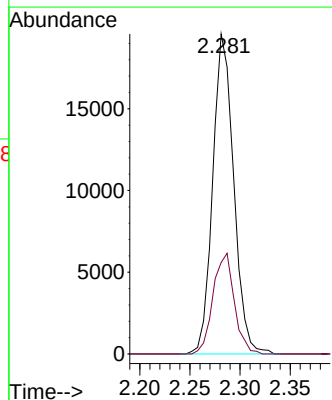
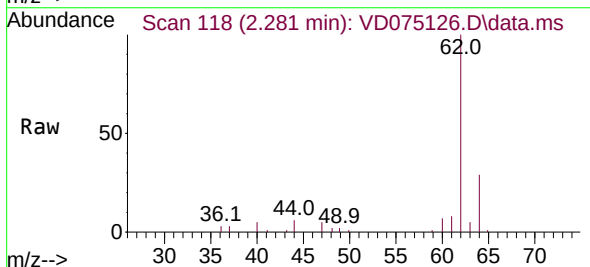
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

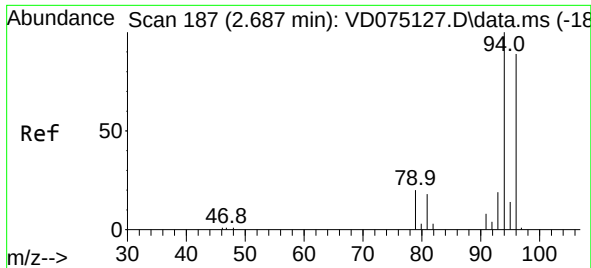
Tgt Ion: 50 Resp: 26791
Ion Ratio Lower Upper
50 100
52 30.7 27.0 40.6



#4
Vinyl Chloride
Concen: 20.940 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion: 62 Resp: 28452
Ion Ratio Lower Upper
62 100
64 28.6 24.8 37.2

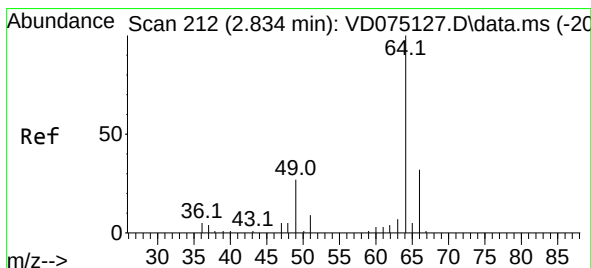
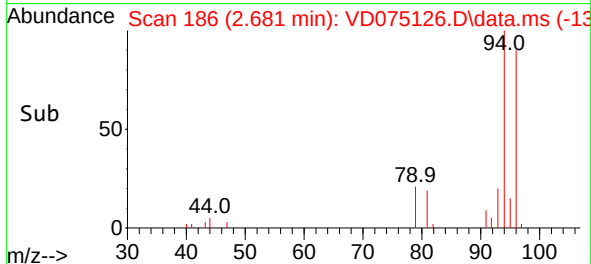
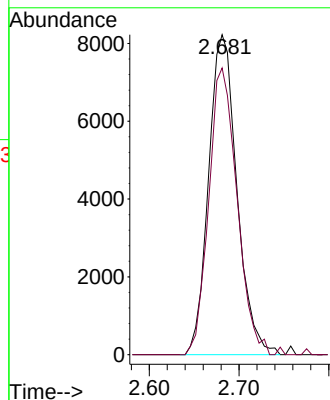
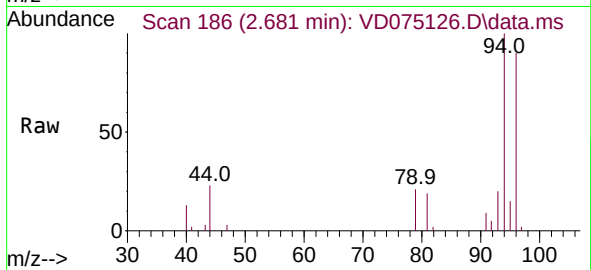




#5
Bromomethane
Concen: 19.253 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD075126.D
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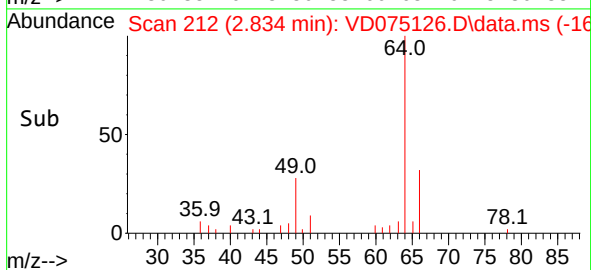
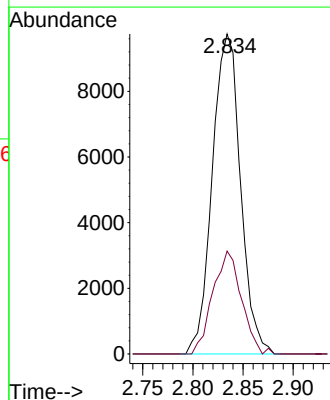
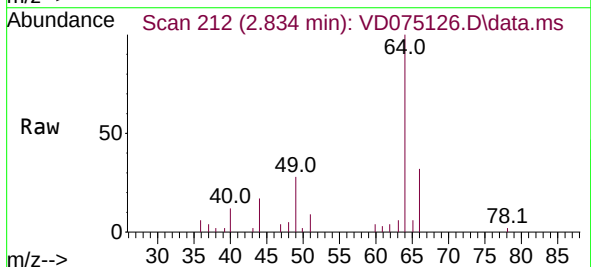
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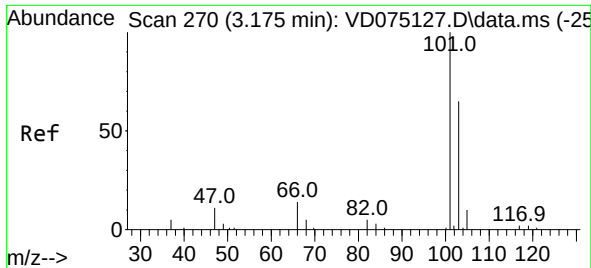
Tgt Ion: 94 Resp: 18009
Ion Ratio Lower Upper
94 100
96 89.4 74.8 112.2



#6
Chloroethane
Concen: 20.372 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion: 64 Resp: 19018
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.2

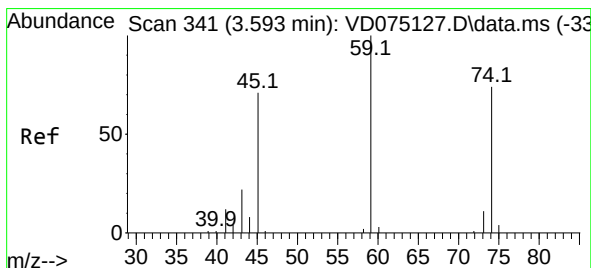
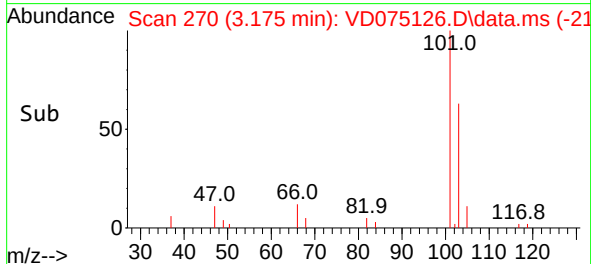
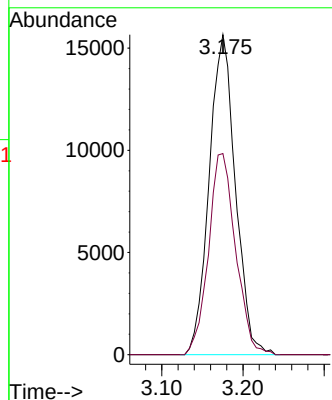
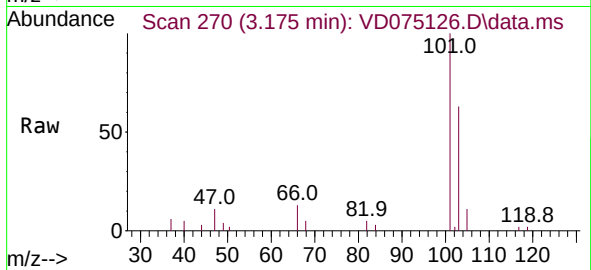




#7
Trichlorofluoromethane
Concen: 20.588 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075126.D
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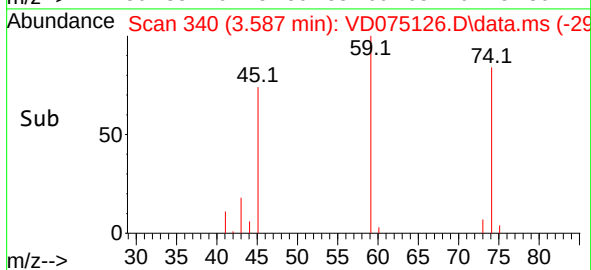
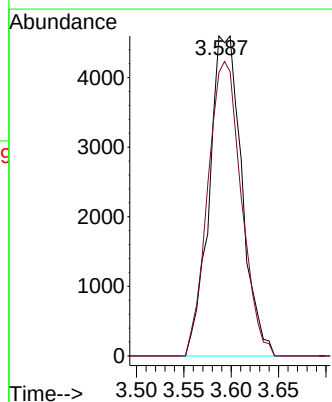
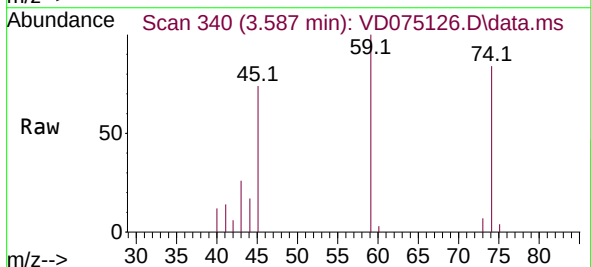
Instrument :
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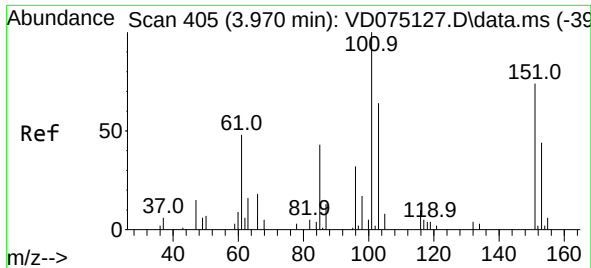
Tgt Ion:101 Resp: 35188
Ion Ratio Lower Upper
101 100
103 62.9 52.2 78.4



#8
Diethyl Ether
Concen: 19.920 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 10941
Ion Ratio Lower Upper
74 100
45 95.3 49.8 149.3

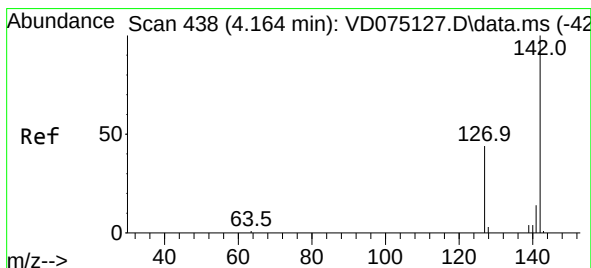
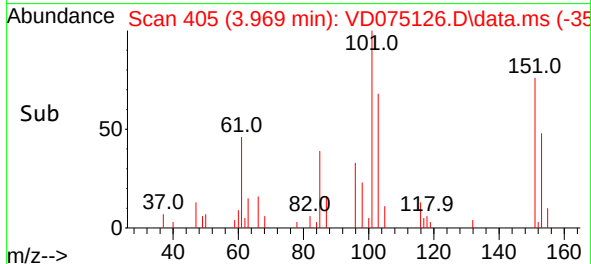
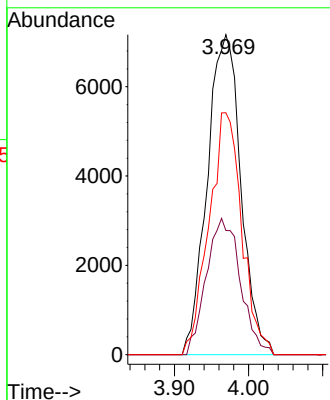
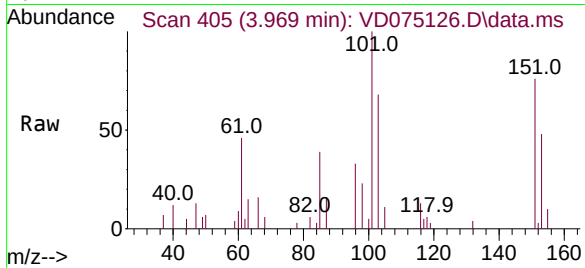




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.154 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

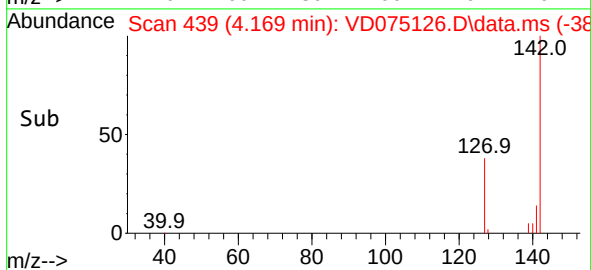
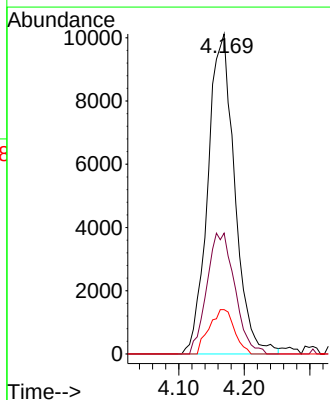
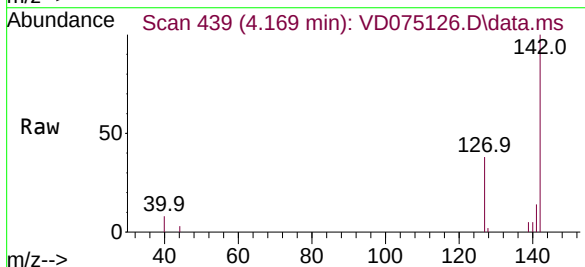
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

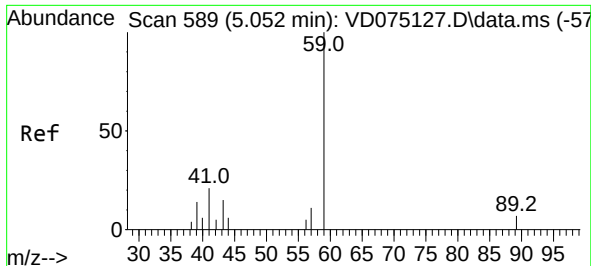
Tgt Ion:101	Resp:	22619
Ion	Ratio	Lower Upper
101	100	
85	43.1	36.9 55.3
151	73.7	58.9 88.3



#10
Methyl Iodide
Concen: 20.367 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion:142	Resp:	28820
Ion	Ratio	Lower Upper
142	100	
127	39.3	33.6 50.4
141	12.9	11.1 16.7

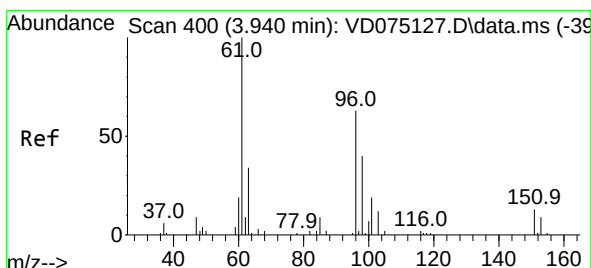
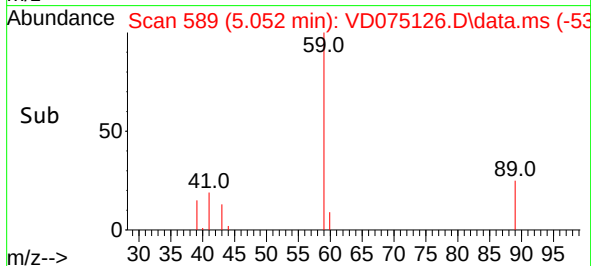
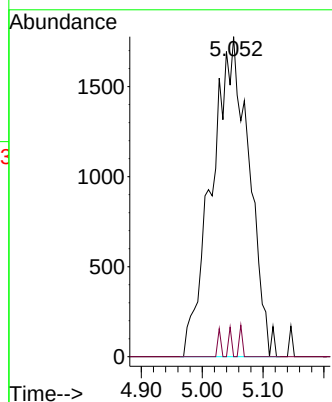
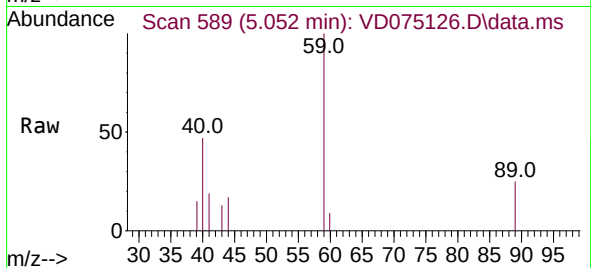




#11
Tert butyl alcohol
Concen: 106.152 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

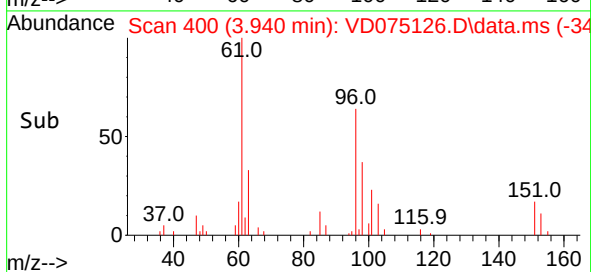
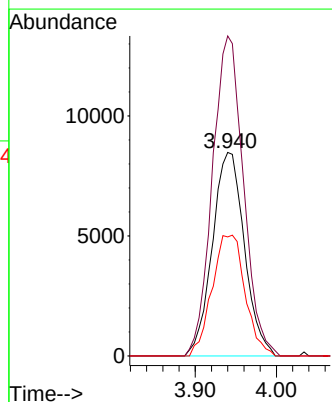
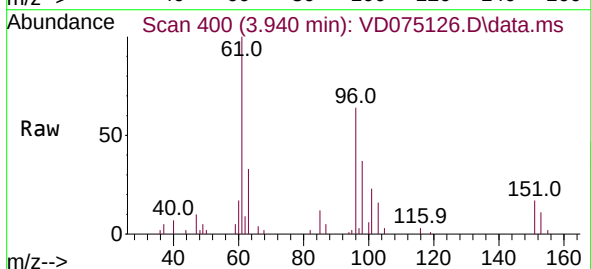
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

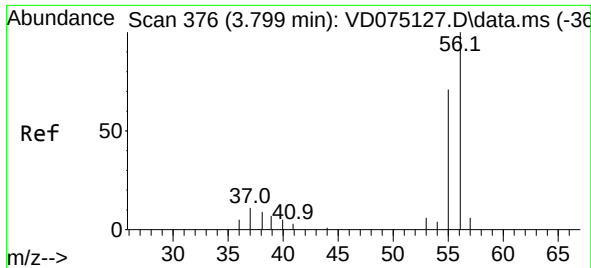
Tgt Ion: 59 Resp: 7576
Ion Ratio Lower Upper
59 100
57 0.0 2.9 4.3#



#12
1,1-Dichloroethene
Concen: 20.792 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion: 96 Resp: 23260
Ion Ratio Lower Upper
96 100
61 157.3 126.8 190.2
98 58.5 50.4 75.6

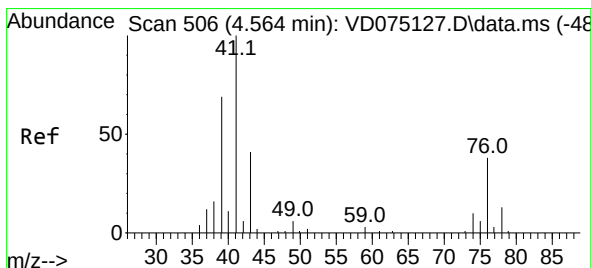
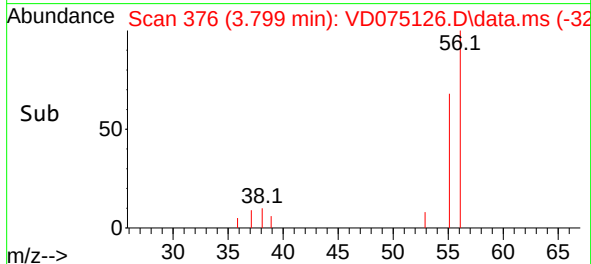
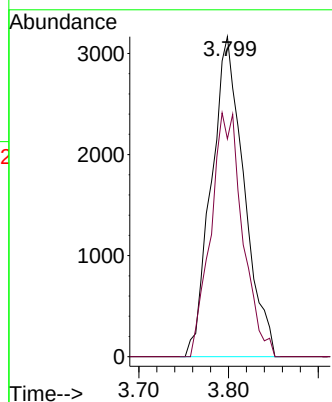
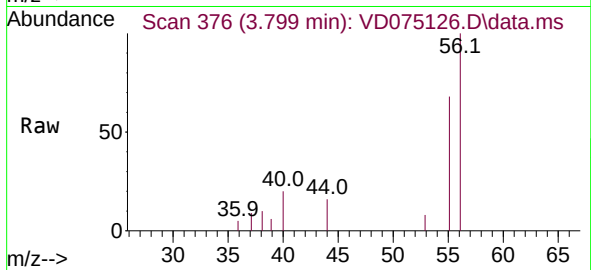




#13
Acrolein
Concen: 116.569 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

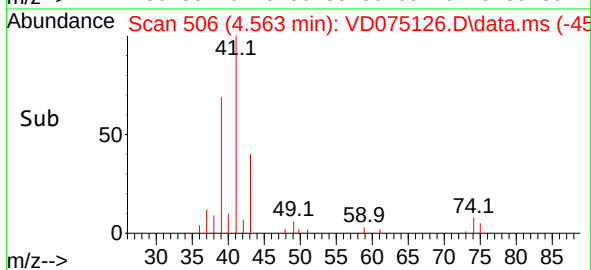
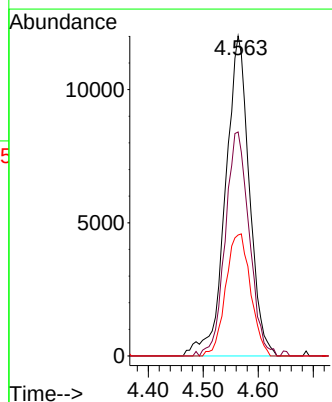
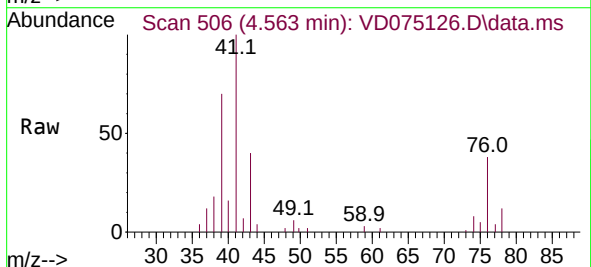
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

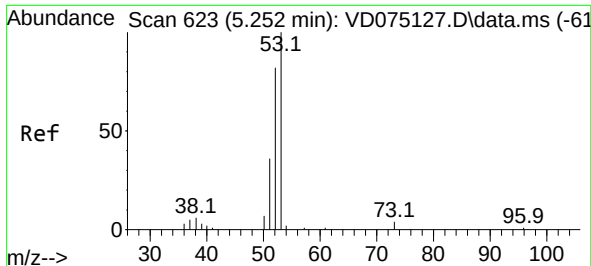
Tgt Ion: 56 Resp: 7986
Ion Ratio Lower Upper
56 100
55 74.5 53.0 79.6



#14
Allyl chloride
Concen: 20.322 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion: 41 Resp: 36228
Ion Ratio Lower Upper
41 100
39 70.4 55.4 83.0
76 39.6 30.2 45.2

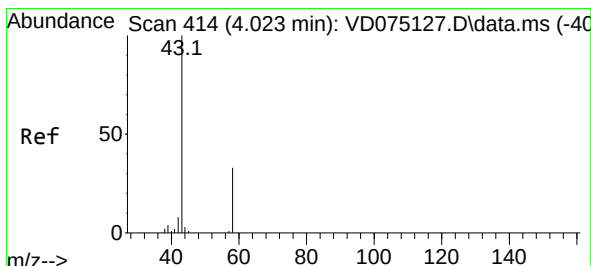
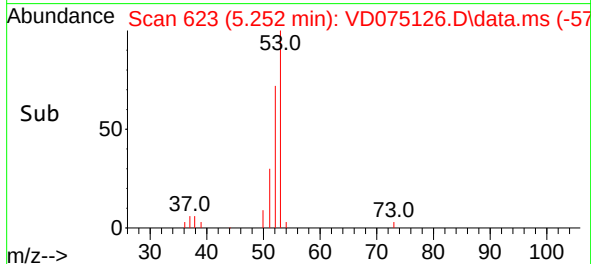
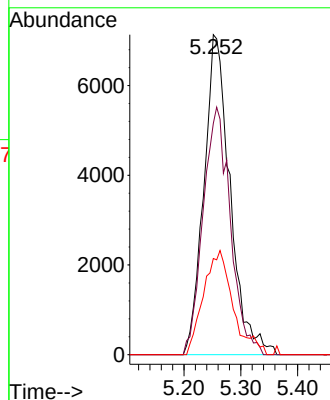
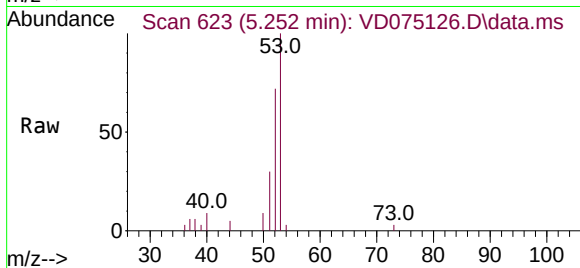




#15
Acrylonitrile
Concen: 95.889 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

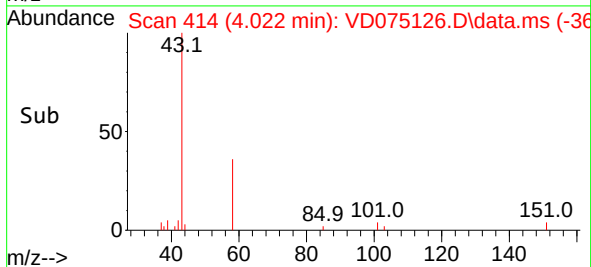
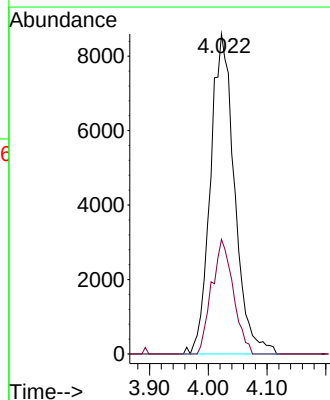
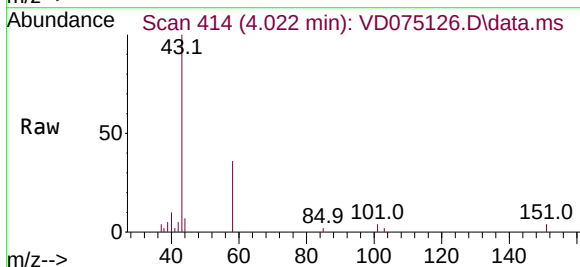
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

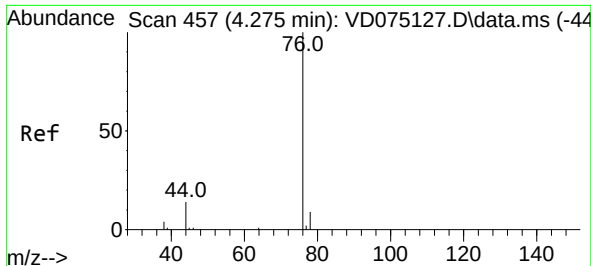
Tgt Ion: 53	Resp: 22842
Ion Ratio	Lower Upper
53 100	
52 80.3	67.0 100.6
51 36.5	30.1 45.1



#16
Acetone
Concen: 91.988 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion: 43	Resp: 24547
Ion Ratio	Lower Upper
43 100	
58 35.8	26.0 39.0

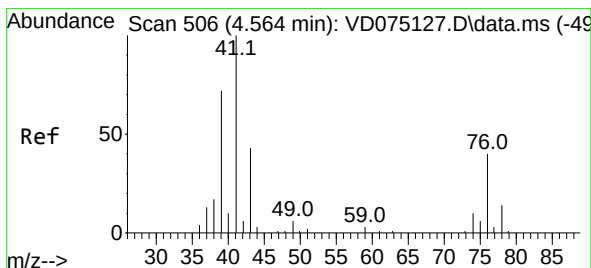
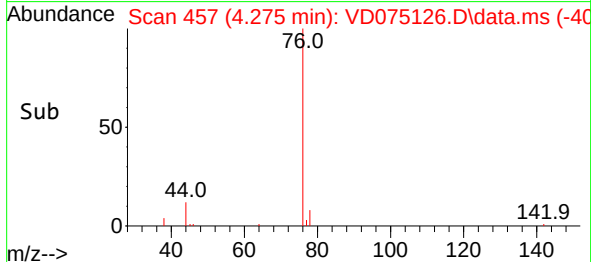
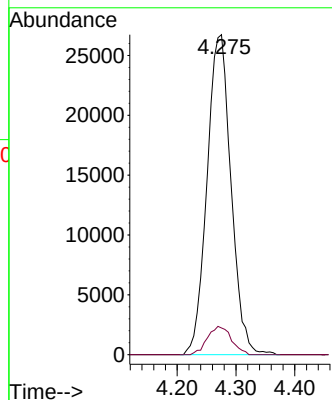
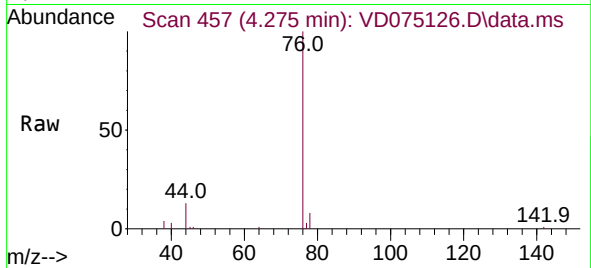




#17
Carbon Disulfide
Concen: 20.930 ug/l
RT: 4.275 min Scan# 417
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

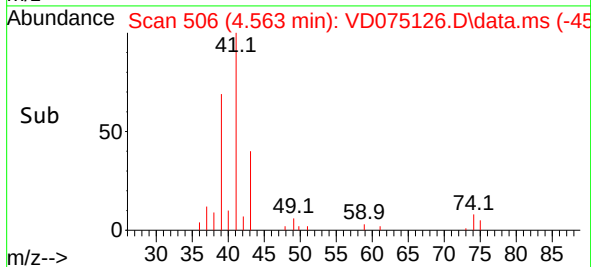
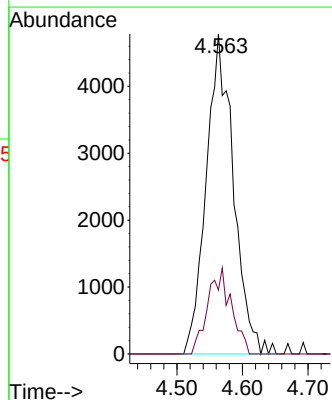
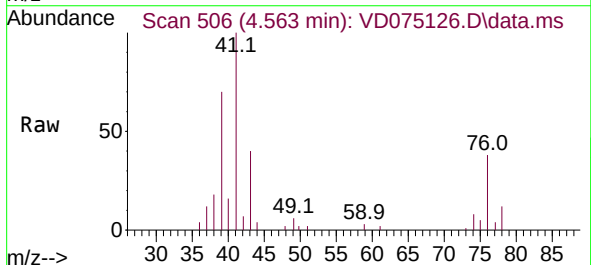
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

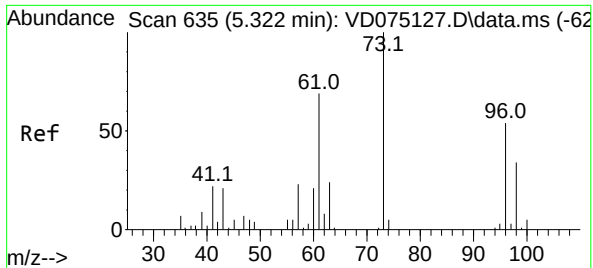
Tgt Ion: 76 Resp: 75848
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#18
Methyl Acetate
Concen: 19.156 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion: 43 Resp: 13798
Ion Ratio Lower Upper
43 100
74 23.1 18.5 27.7

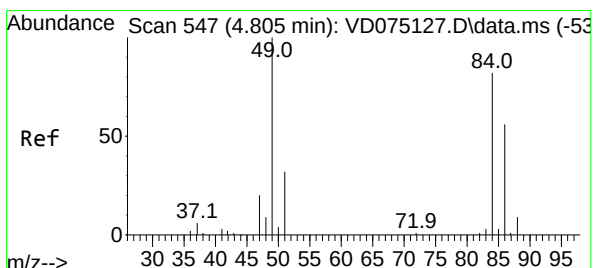
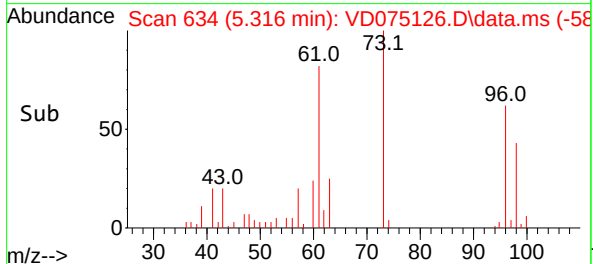
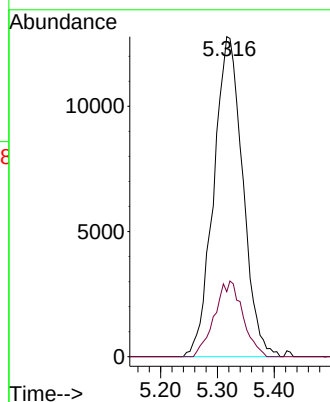
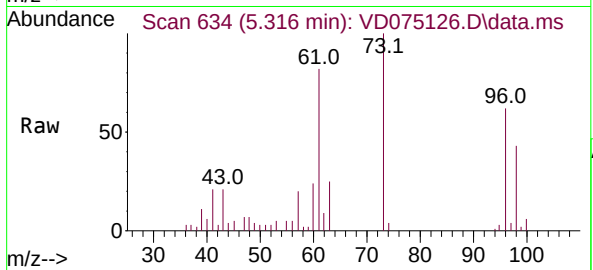




#19
Methyl tert-butyl Ether
Concen: 19.355 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

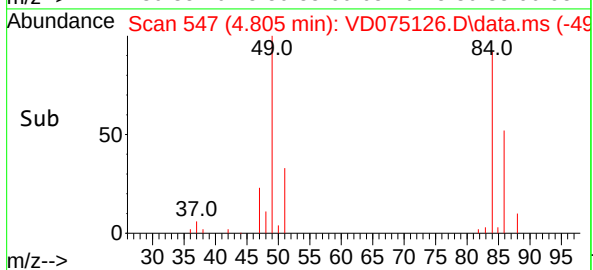
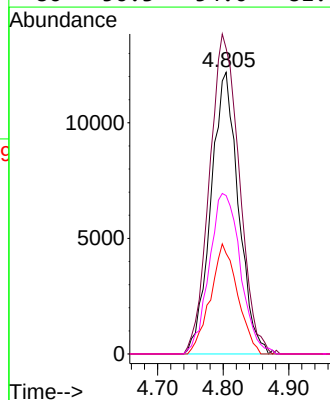
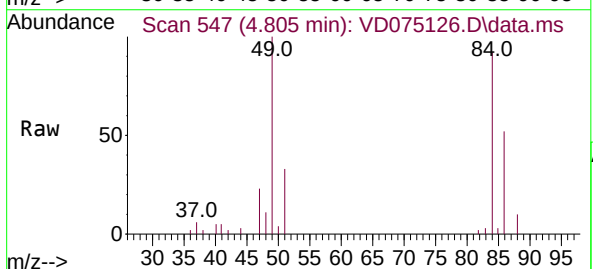
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

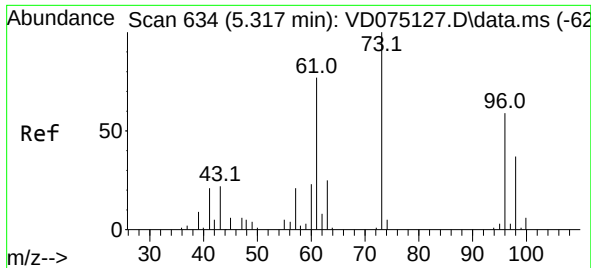
Tgt Ion: 73 Resp: 45461
Ion Ratio Lower Upper
73 100
57 20.3 18.5 27.7



#20
Methylene Chloride
Concen: 20.861 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion: 84 Resp: 35574
Ion Ratio Lower Upper
84 100
49 108.5 97.0 145.6
51 35.7 30.9 46.3
86 56.3 54.0 81.0

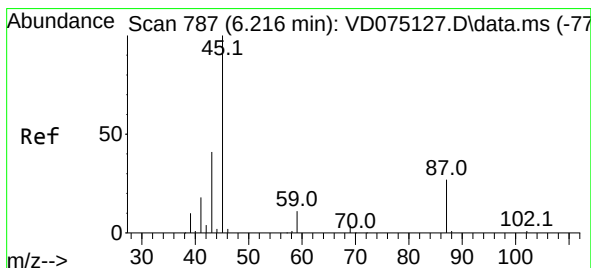
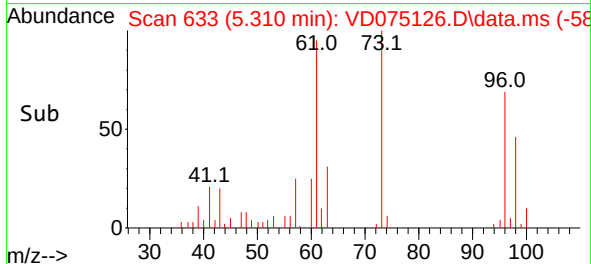
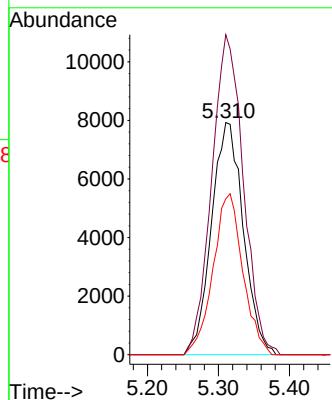
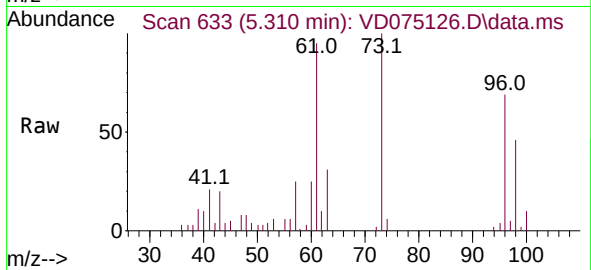




#21
trans-1,2-Dichloroethene
Concen: 20.076 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

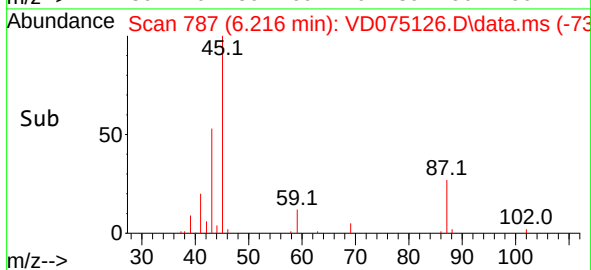
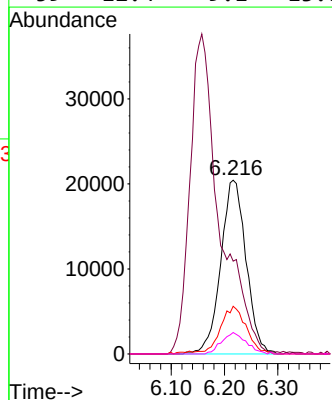
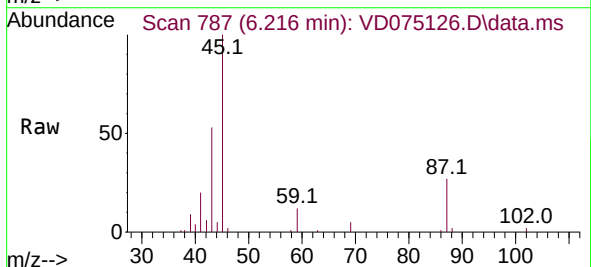
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

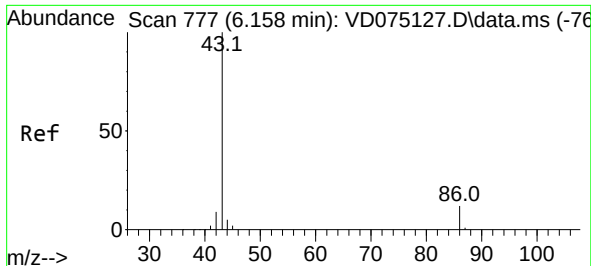
Tgt Ion: 96 Resp: 24640
Ion Ratio Lower Upper
96 100
61 137.8 105.7 158.5
98 67.1 50.4 75.6



#22
Diisopropyl ether
Concen: 20.066 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion: 45 Resp: 67604
Ion Ratio Lower Upper
45 100
43 52.6 45.3 67.9
87 27.5 22.1 33.1
59 12.4 9.1 13.7

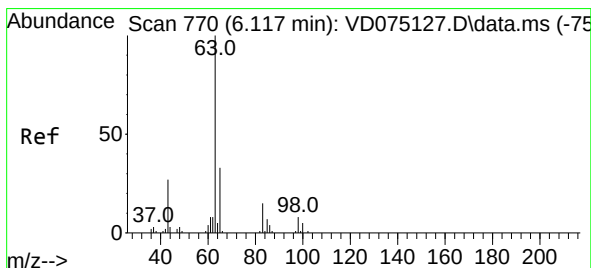
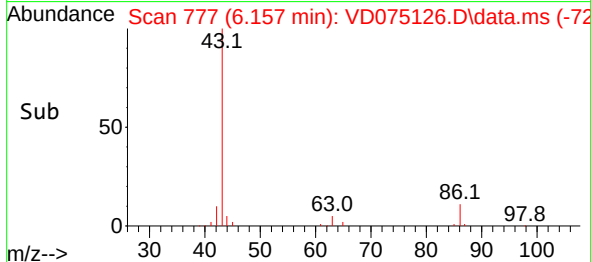
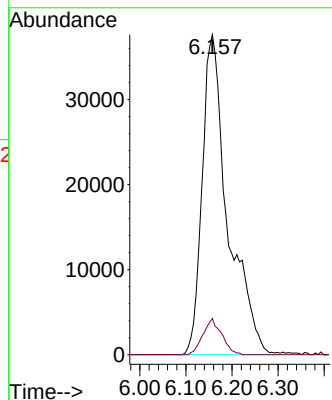
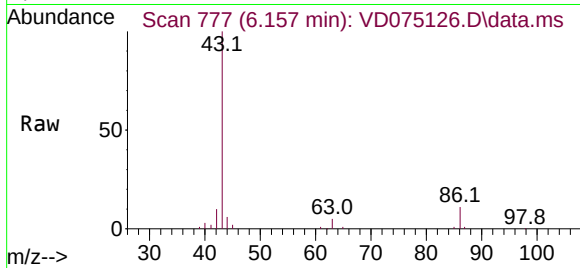




#23
 Vinyl Acetate
 Concen: 99.776 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD075126.D
 Acq: 18 Jan 2023 11:48

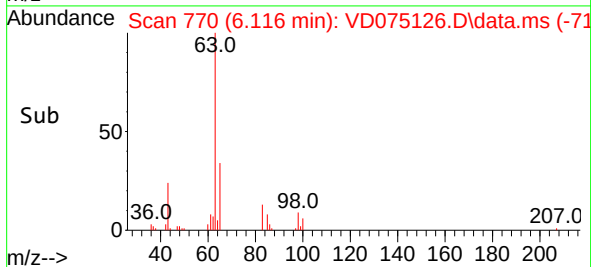
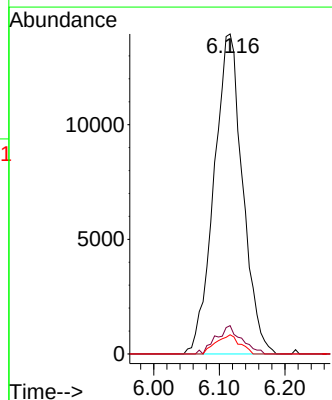
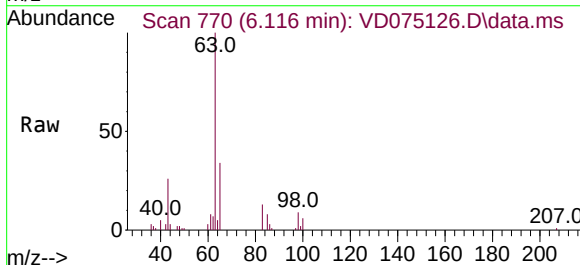
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

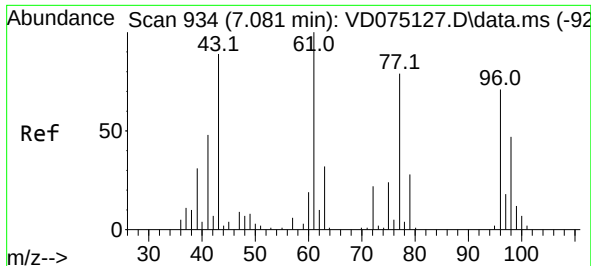
Tgt Ion: 43 Resp: 146013
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 19.952 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD075126.D
 Acq: 18 Jan 2023 11:48

Tgt Ion: 63 Resp: 42318
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.0 12.2
 100 6.0 2.5 7.4





#25

2-Butanone

Concen: 91.437 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075126.D

Acq: 18 Jan 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

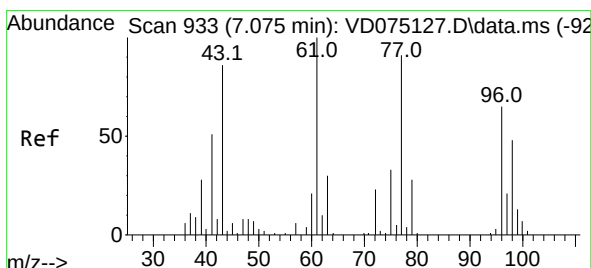
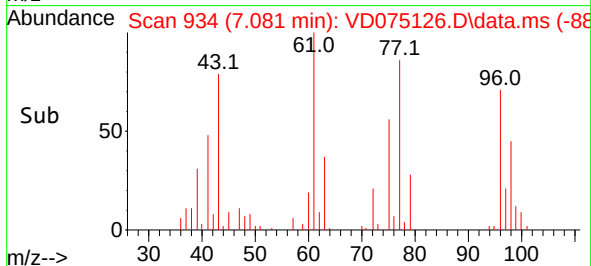
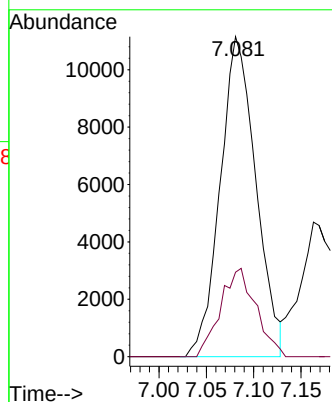
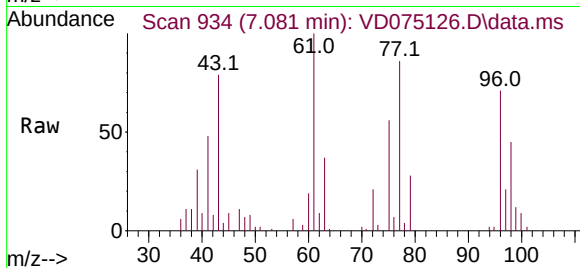
VSTDICC020

Tgt Ion: 43 Resp: 29283

Ion Ratio Lower Upper

43 100

72 26.4 19.8 29.8



#26

2,2-Dichloropropane

Concen: 20.366 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD075126.D

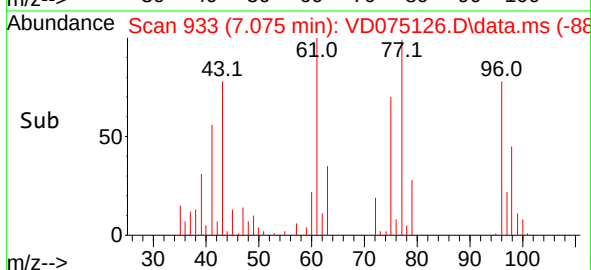
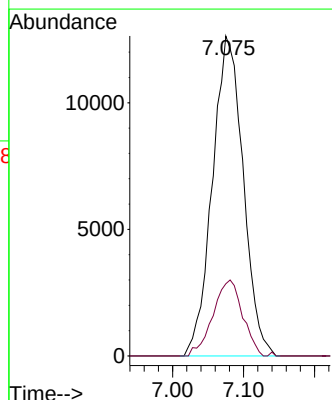
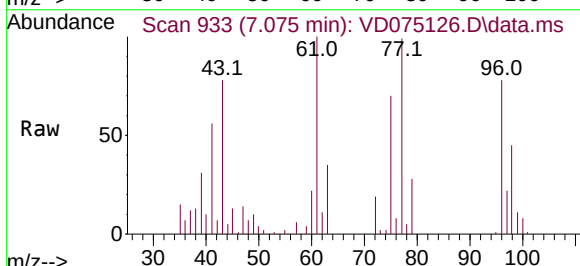
Acq: 18 Jan 2023 11:48

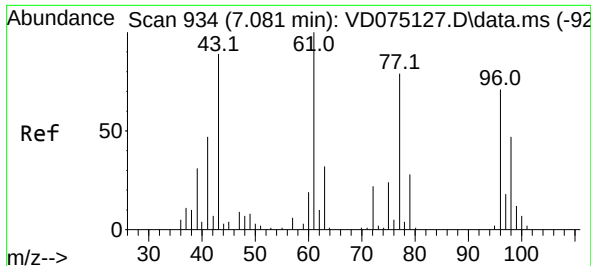
Tgt Ion: 77 Resp: 38033

Ion Ratio Lower Upper

77 100

97 22.8 12.0 36.0

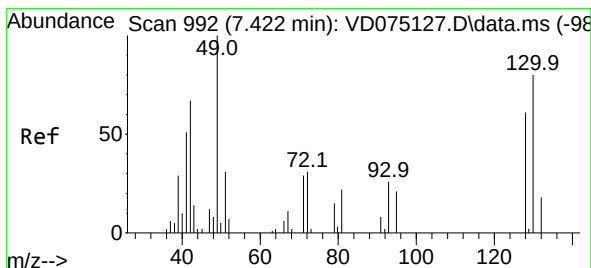
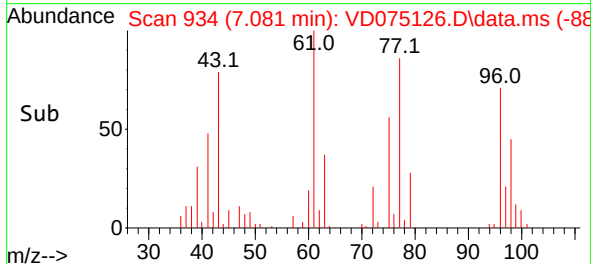
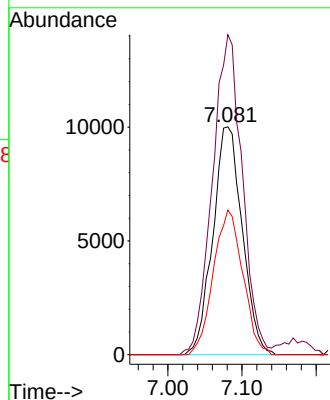
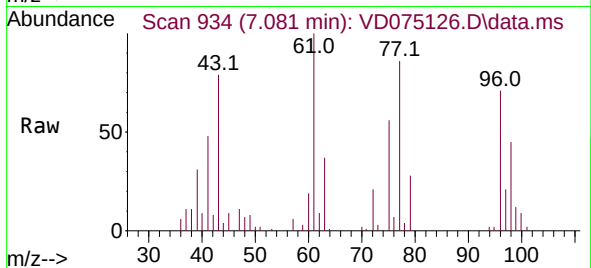




#27
 cis-1,2-Dichloroethene
 Concen: 20.284 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD075126.D
 Acq: 18 Jan 2023 11:48

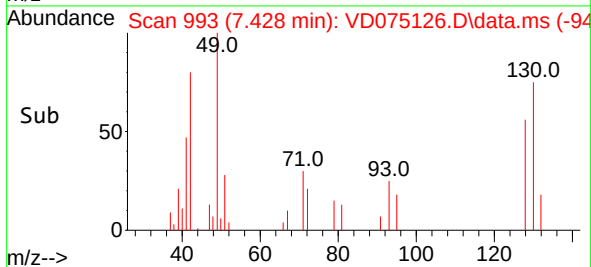
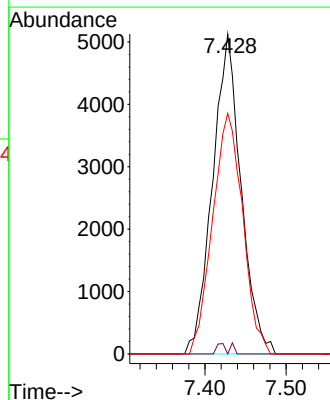
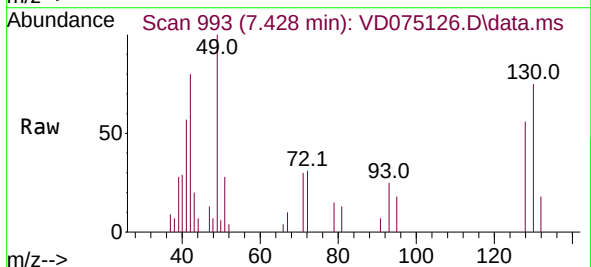
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

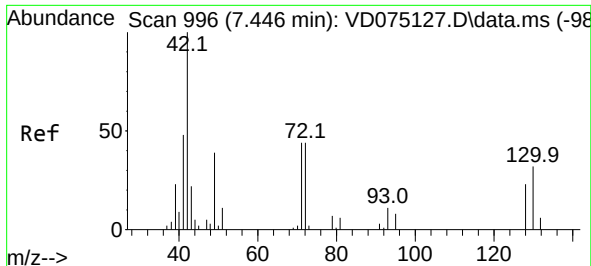
Tgt Ion: 96	Resp: 27625		
Ion Ratio	Lower	Upper	
96	100		
61	142.5	0.0	287.4
98	63.6	0.0	129.8



#28
 Bromochloromethane
 Concen: 21.527 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD075126.D
 Acq: 18 Jan 2023 11:48

Tgt Ion: 49	Resp: 12498
Ion Ratio	Lower Upper
49 100	
129 1.4	0.0 2.6
130 79.4	63.6 95.4





#29

Tetrahydrofuran

Concen: 96.573 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD075126.D

Acq: 18 Jan 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

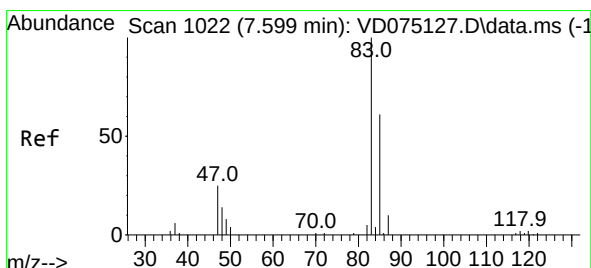
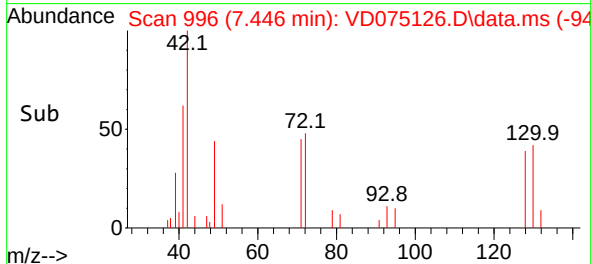
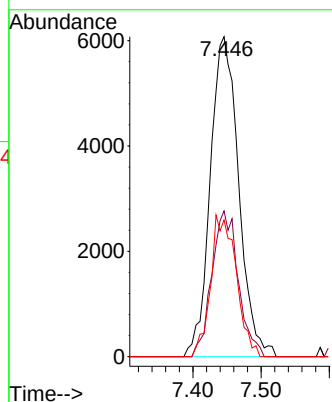
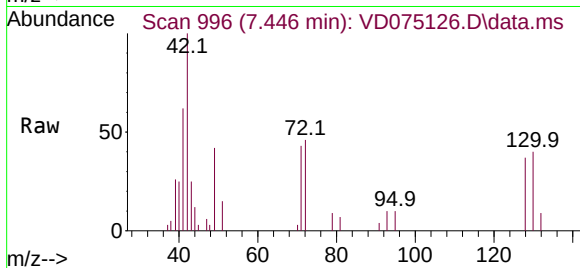
Tgt Ion: 42 Resp: 17632

Ion Ratio Lower Upper

42 100

72 42.4 33.8 50.8

71 39.7 31.6 47.4



#30

Chloroform

Concen: 19.763 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075126.D

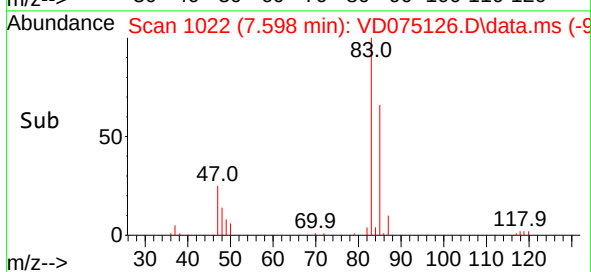
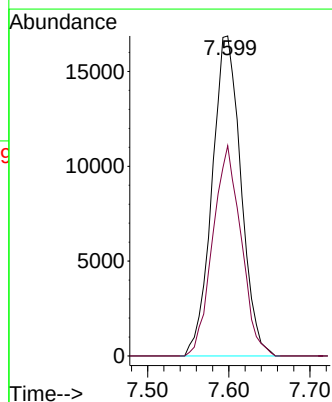
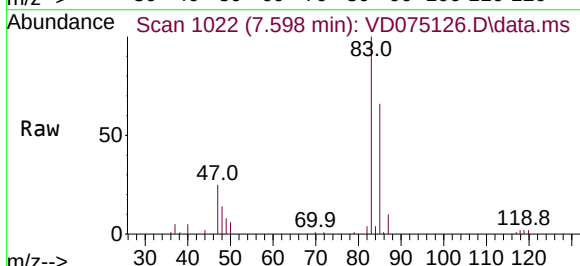
Acq: 18 Jan 2023 11:48

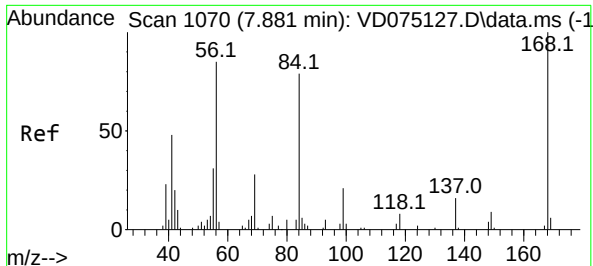
Tgt Ion: 83 Resp: 41672

Ion Ratio Lower Upper

83 100

85 65.7 48.5 72.7

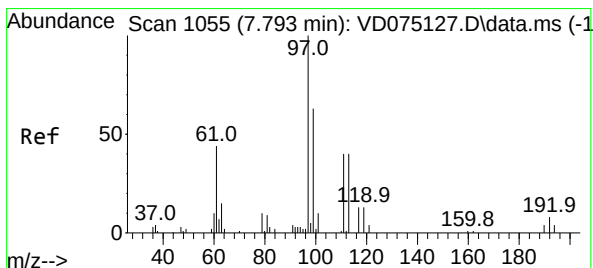
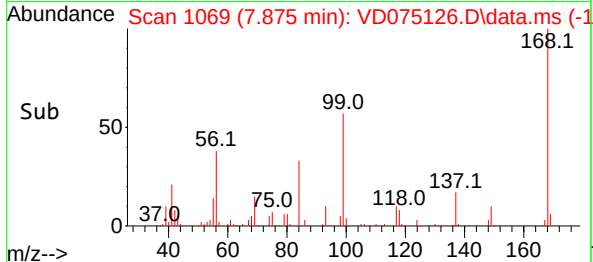
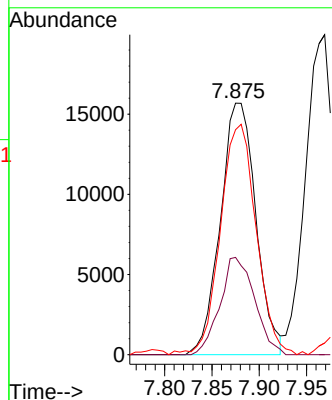
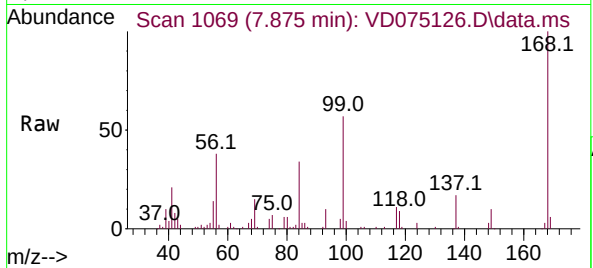




#31
Cyclohexane
Concen: 20.718 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

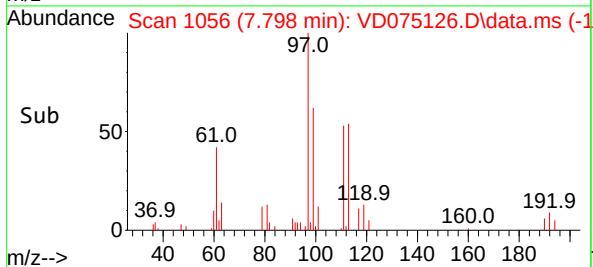
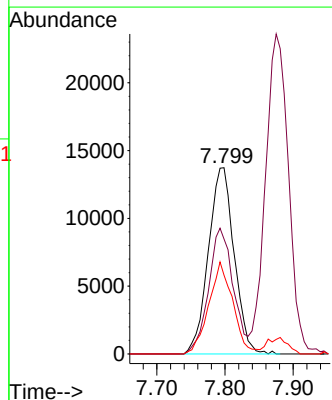
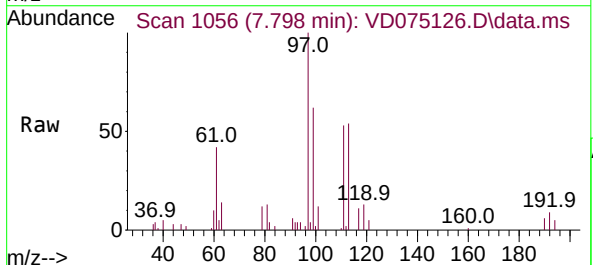
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

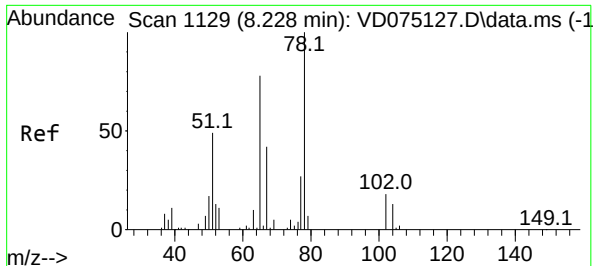
Tgt Ion: 56 Resp: 40994
Ion Ratio Lower Upper
56 100
69 38.7 26.6 40.0
84 88.4 74.1 111.1



#32
1,1,1-Trichloroethane
Concen: 19.733 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion: 97 Resp: 36156
Ion Ratio Lower Upper
97 100
99 64.7 51.7 77.5
61 46.2 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 19.619 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075126.D

Acq: 18 Jan 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

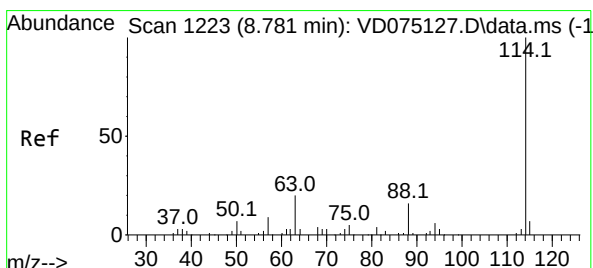
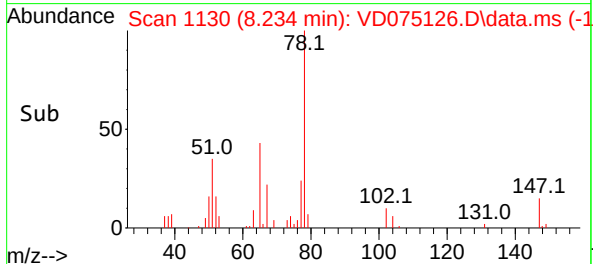
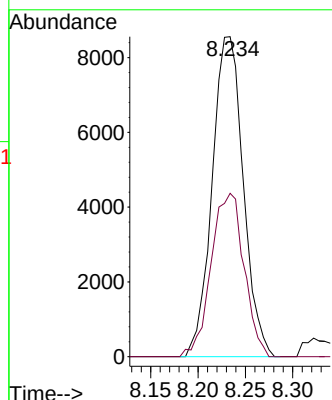
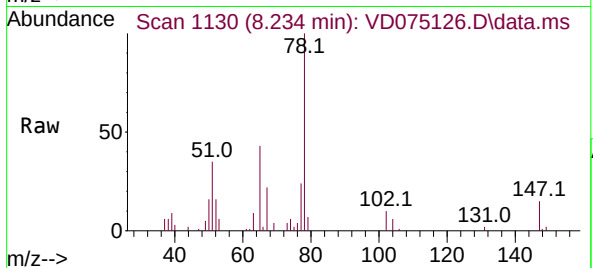
VSTDIC020

Tgt Ion: 65 Resp: 19557

Ion Ratio Lower Upper

65 100

67 53.9 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: VD075126.D

Acq: 18 Jan 2023 11:48

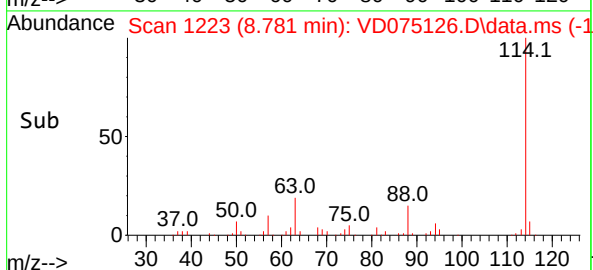
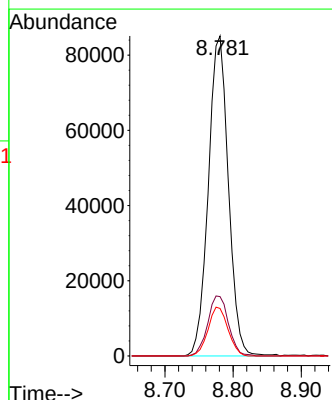
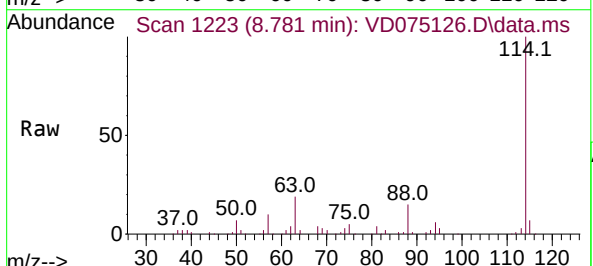
Tgt Ion: 114 Resp: 173869

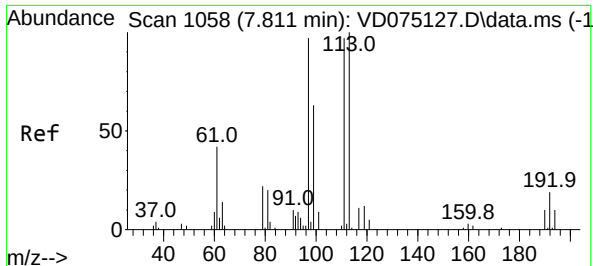
Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.2

88 14.8 0.0 32.2





#35

Dibromofluoromethane

Concen: 19.763 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075126.D

Acq: 18 Jan 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

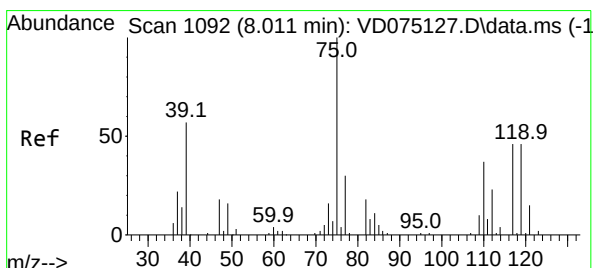
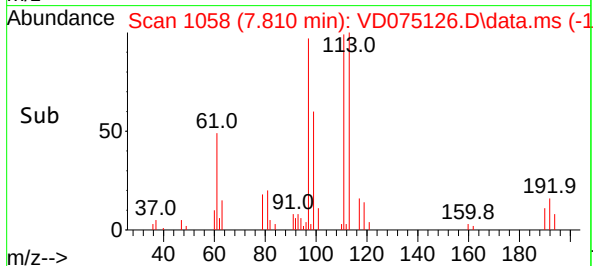
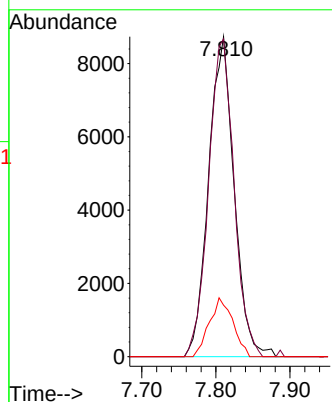
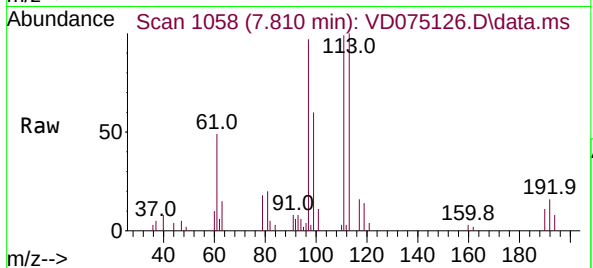
Tgt Ion:113 Resp: 20920

Ion Ratio Lower Upper

113 100

111 98.7 80.1 120.1

192 16.9 15.4 23.0



#36

1,1-Dichloropropene

Concen: 19.805 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD075126.D

Acq: 18 Jan 2023 11:48

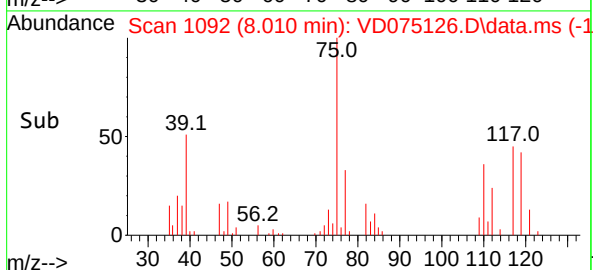
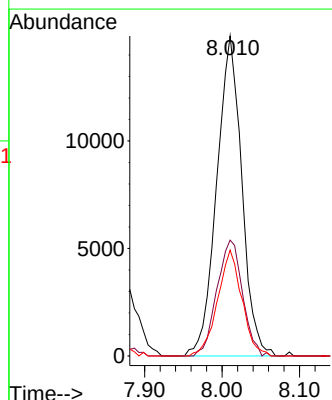
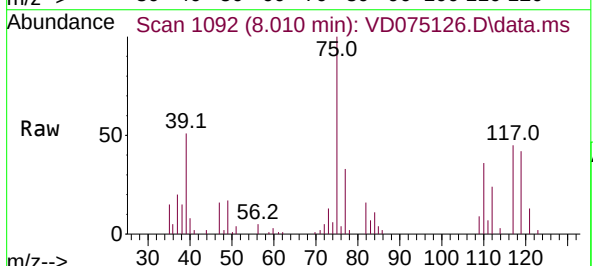
Tgt Ion: 75 Resp: 33448

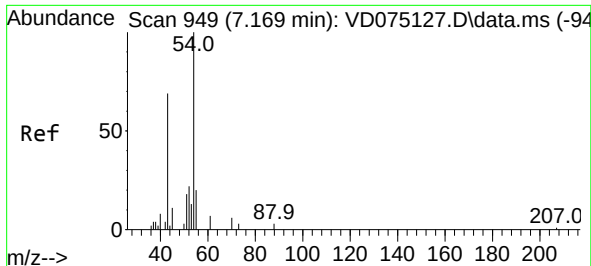
Ion Ratio Lower Upper

75 100

110 36.9 18.1 54.4

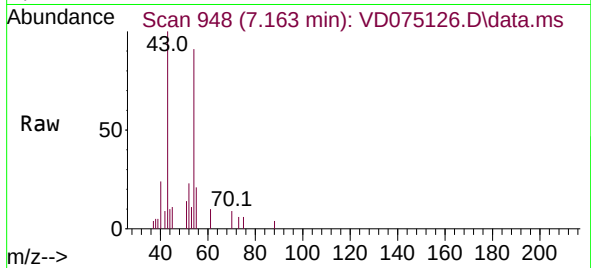
77 32.1 25.1 37.7



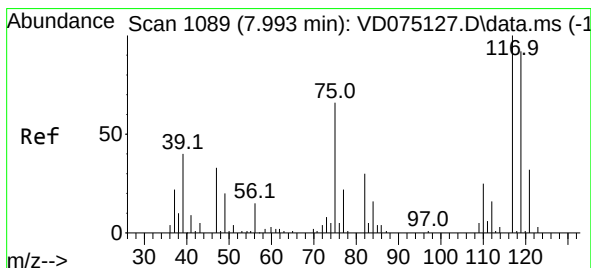
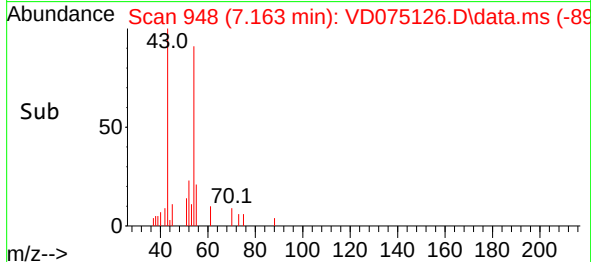
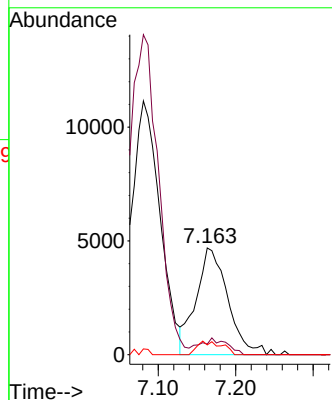


#37
Ethyl Acetate
Concen: 19.317 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

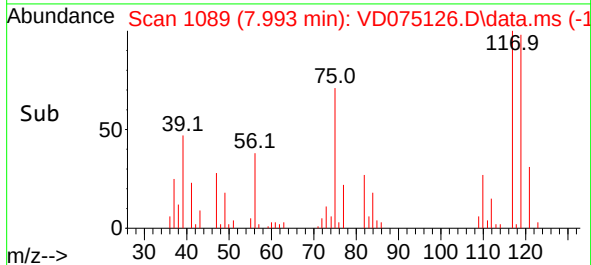
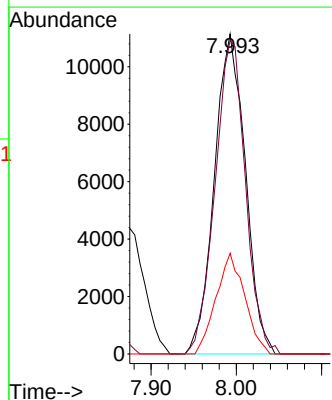
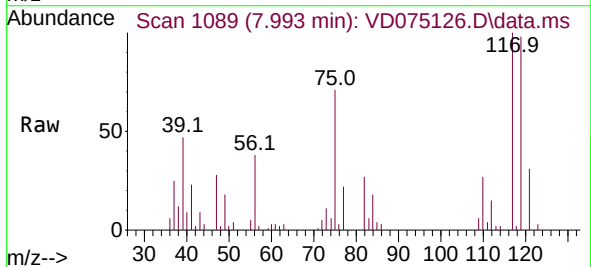


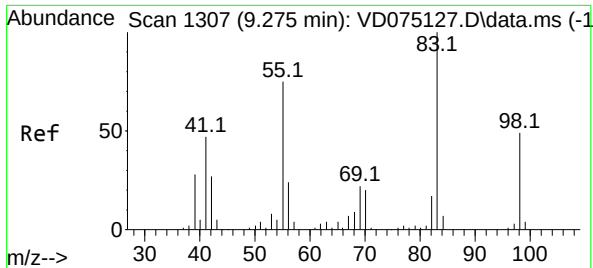
Tgt Ion: 43 Resp: 13378
Ion Ratio Lower Upper
43 100
61 13.2 11.7 17.5
70 9.7 8.8 13.2



#38
Carbon Tetrachloride
Concen: 20.028 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion: 117 Resp: 28083
Ion Ratio Lower Upper
117 100
119 98.0 73.6 110.4
121 31.4 25.4 38.0





#39

Methylcyclohexane

Concen: 20.117 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075126.D

Acq: 18 Jan 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

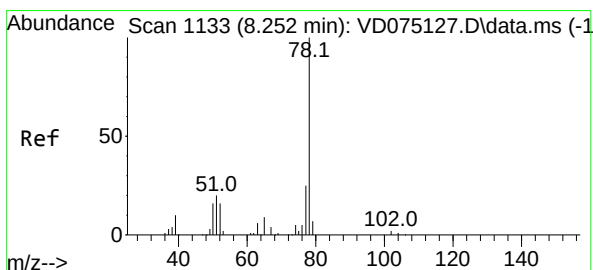
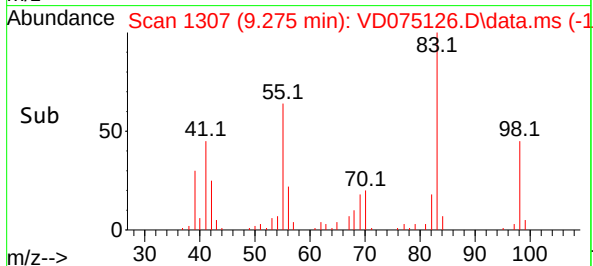
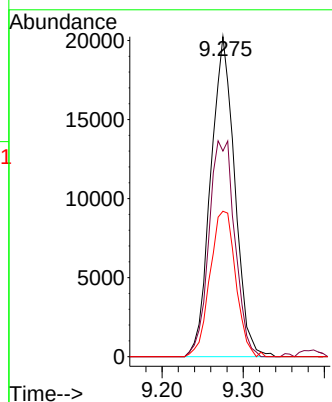
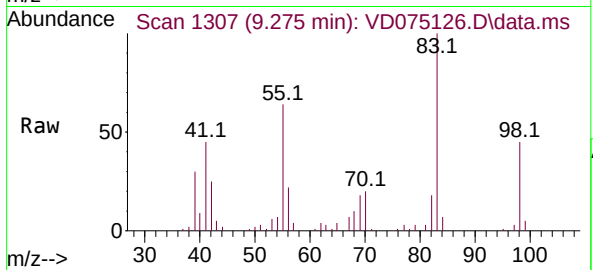
Tgt Ion: 83 Resp: 41652

Ion Ratio Lower Upper

83 100

55 64.2 60.0 90.0

98 45.4 39.0 58.4



#40

Benzene

Concen: 19.839 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075126.D

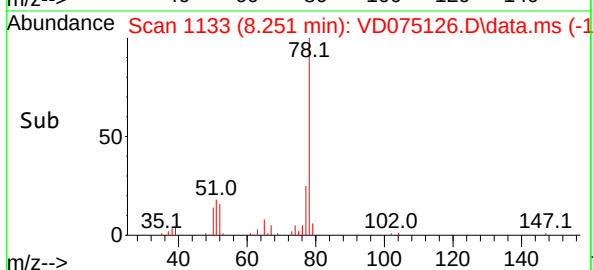
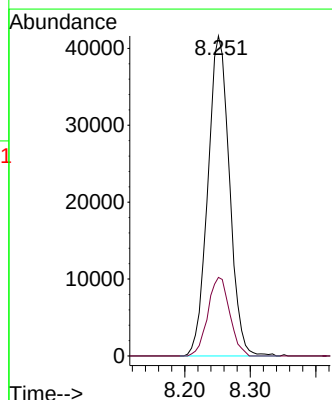
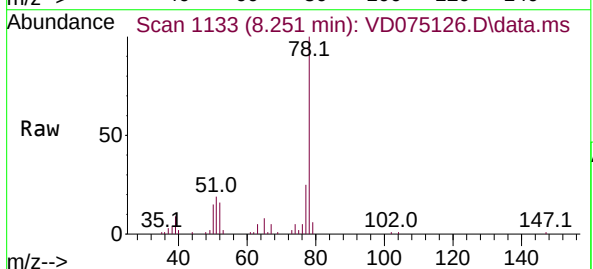
Acq: 18 Jan 2023 11:48

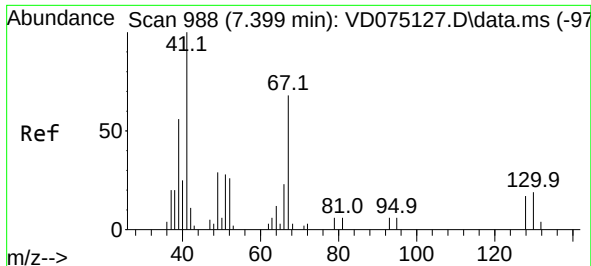
Tgt Ion: 78 Resp: 95163

Ion Ratio Lower Upper

78 100

77 24.6 19.8 29.6

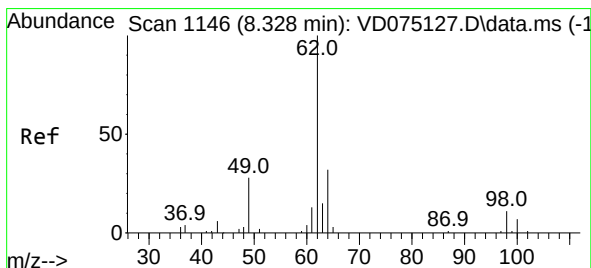
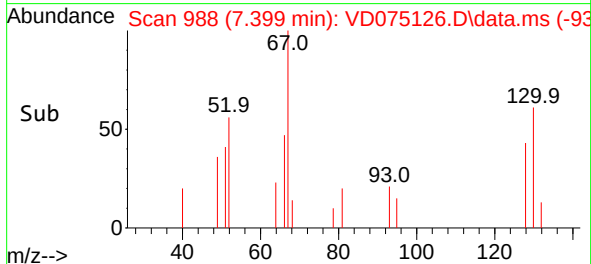
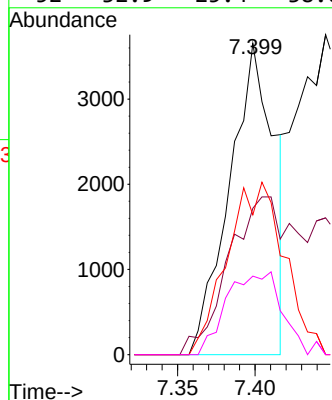
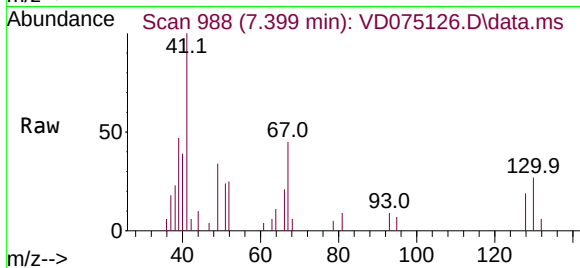




#41
Methacrylonitrile
Concen: 17.611 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

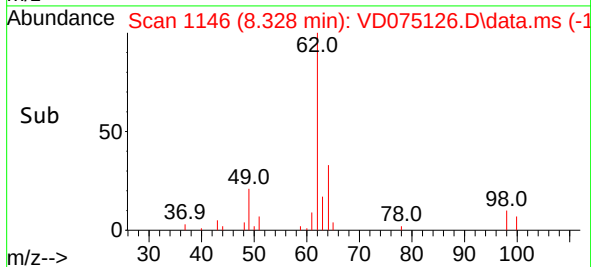
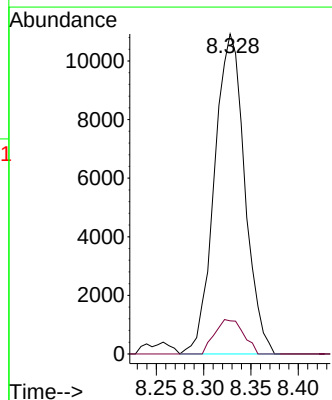
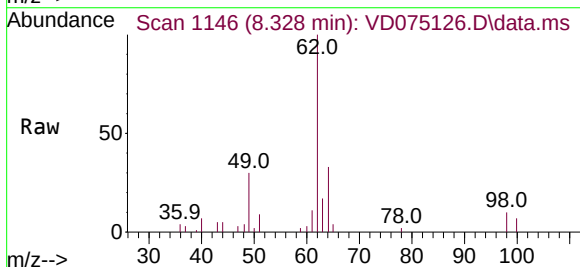
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

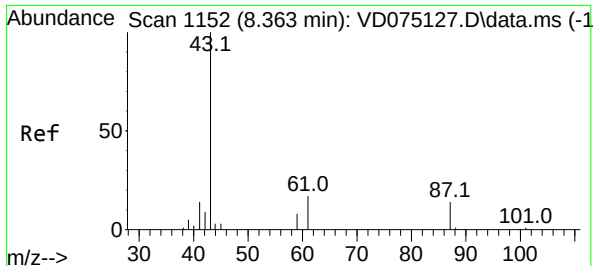
Tgt Ion: 41	Resp: 7348
Ion Ratio	Lower Upper
41 100	
39 77.9	57.8 86.6
67 70.5	60.5 90.7
52 32.9	25.4 38.0



#42
1,2-Dichloroethane
Concen: 19.159 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion: 62	Resp: 24353
Ion Ratio	Lower Upper
62 100	
98 10.2	0.0 19.2

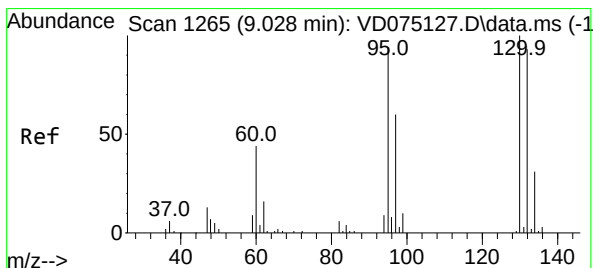
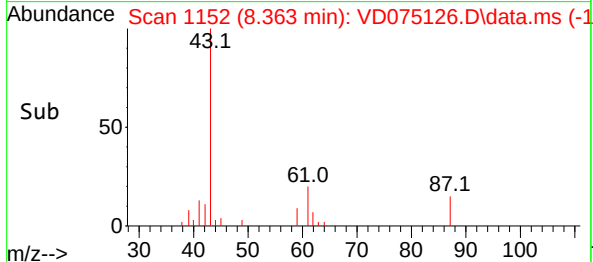
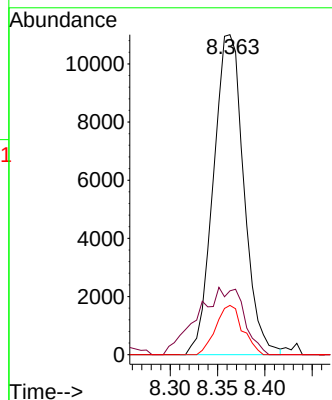
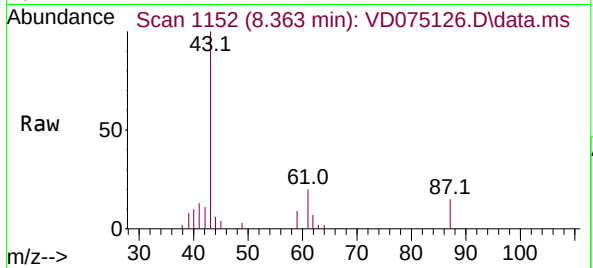




#43
Isopropyl Acetate
Concen: 18.589 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

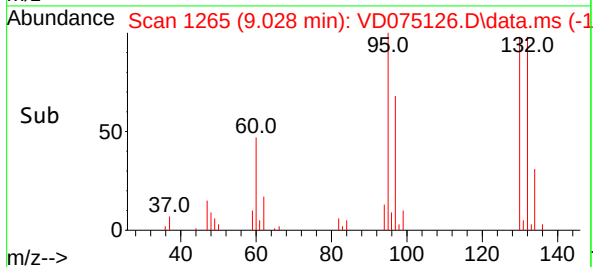
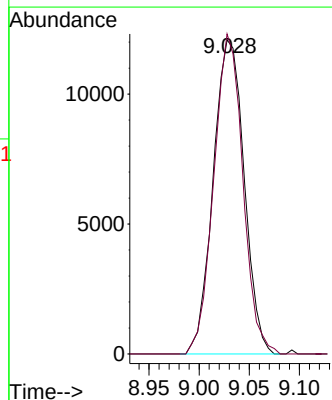
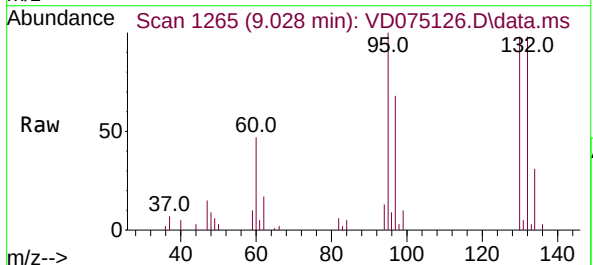
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

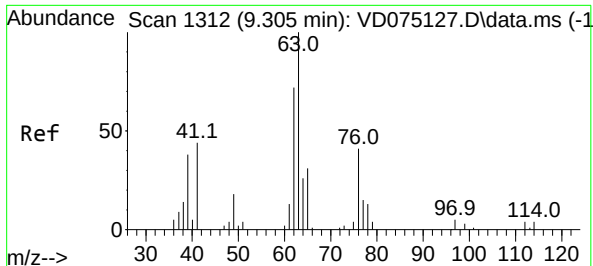
Tgt Ion:	43	Resp:	24605
Ion	Ratio	Lower	Upper
43	100		
61	31.9	25.0	37.6
87	13.6	10.6	16.0



#44
Trichloroethene
Concen: 19.364 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion:	130	Resp:	25948
Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	188.6





#45

1,2-Dichloropropane

Concen: 19.051 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075126.D

Acq: 18 Jan 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

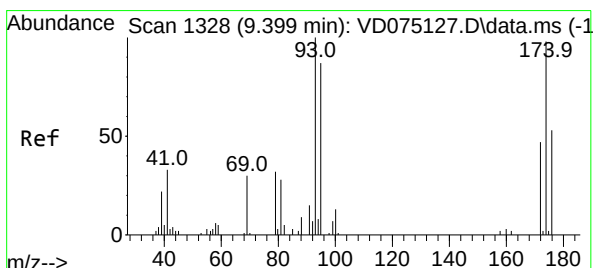
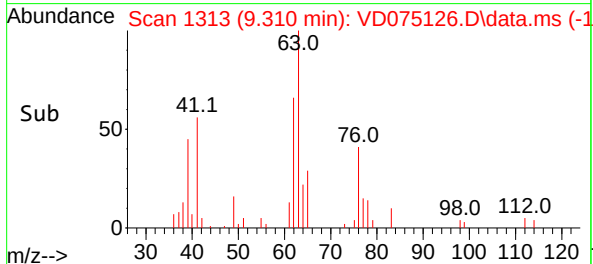
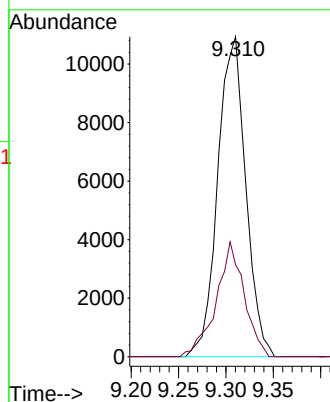
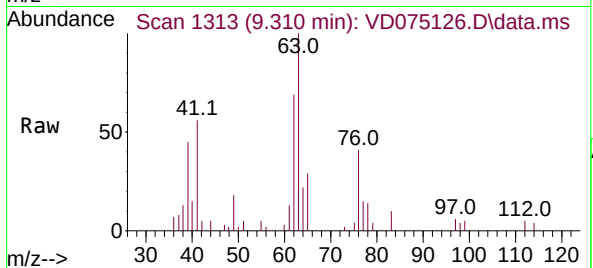
VSTDICC020

Tgt Ion: 63 Resp: 22483

Ion Ratio Lower Upper

63 100

65 28.8 25.1 37.7



#46

Dibromomethane

Concen: 19.224 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD075126.D

Acq: 18 Jan 2023 11:48

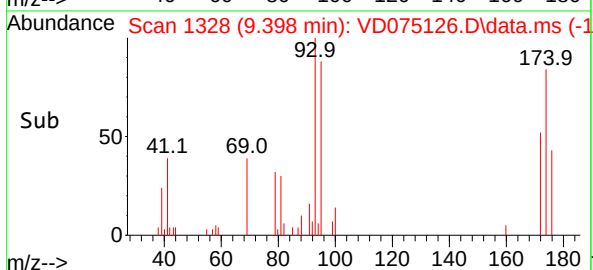
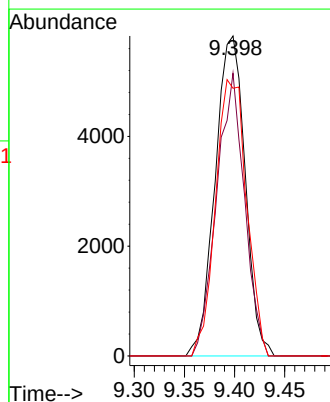
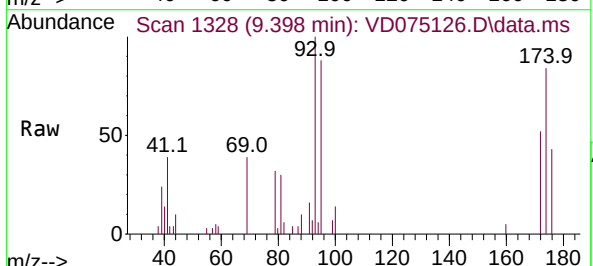
Tgt Ion: 93 Resp: 12135

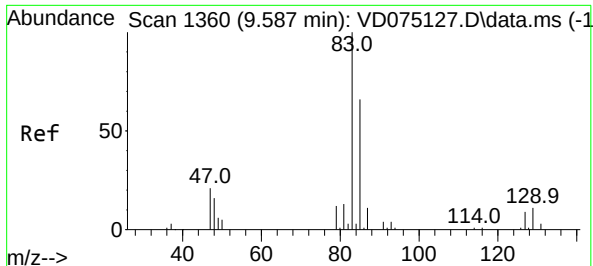
Ion Ratio Lower Upper

93 100

95 81.9 68.3 102.5

174 89.3 77.4 116.0





#47

Bromodichloromethane

Concen: 18.727 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD075126.D

Acq: 18 Jan 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

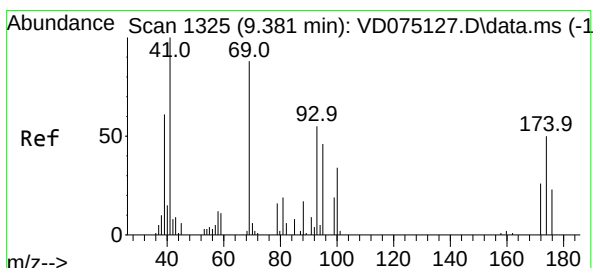
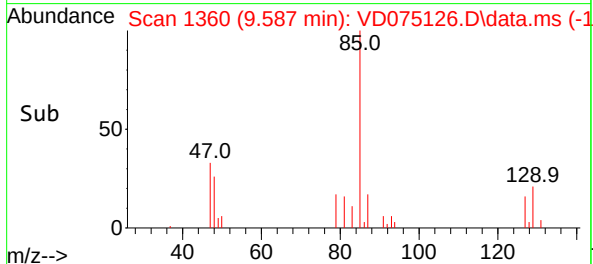
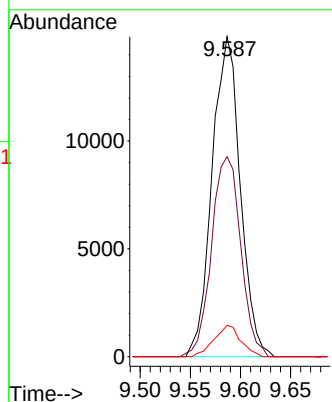
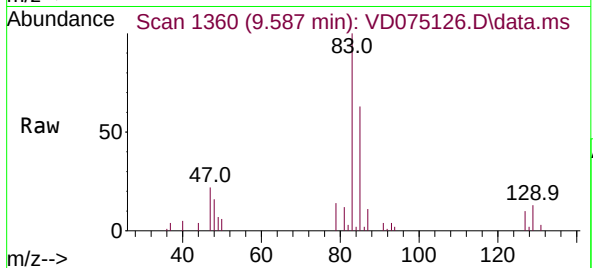
Tgt Ion: 83 Resp: 28974

Ion Ratio Lower Upper

83 100

85 62.5 53.0 79.4

127 9.8 7.0 10.4



#48

Methyl methacrylate

Concen: 18.780 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD075126.D

Acq: 18 Jan 2023 11:48

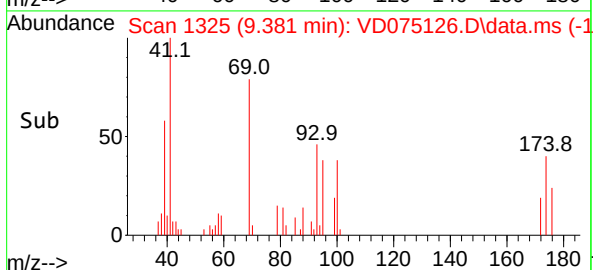
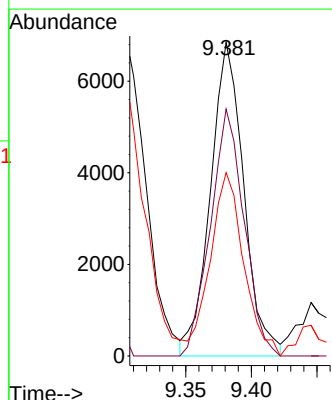
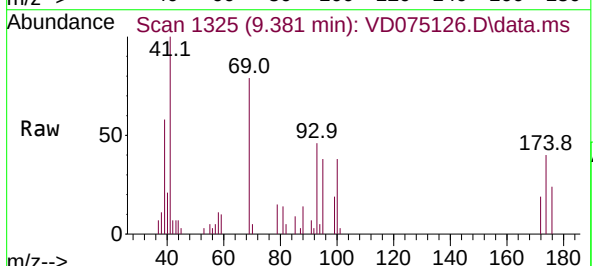
Tgt Ion: 41 Resp: 12086

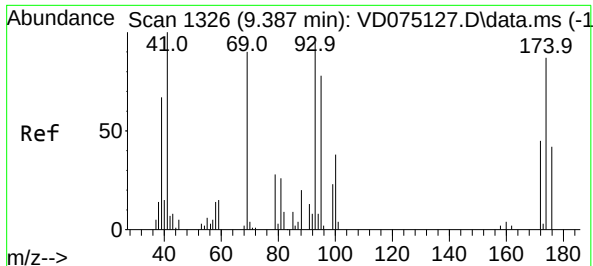
Ion Ratio Lower Upper

41 100

69 79.3 67.8 101.6

39 58.4 46.0 69.0





#49

1,4-Dioxane

Concen: 374.090 ug/l

RT: 9.393 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075126.D

Acq: 18 Jan 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

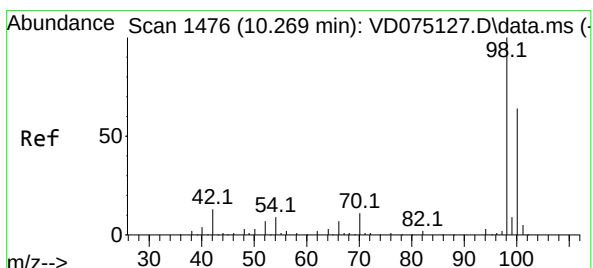
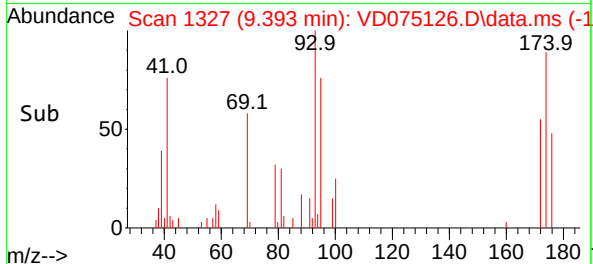
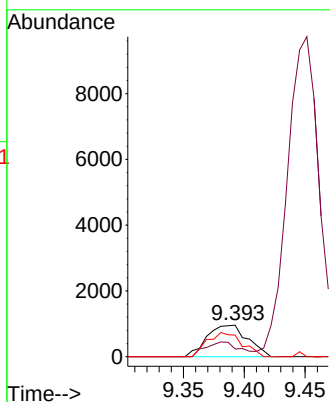
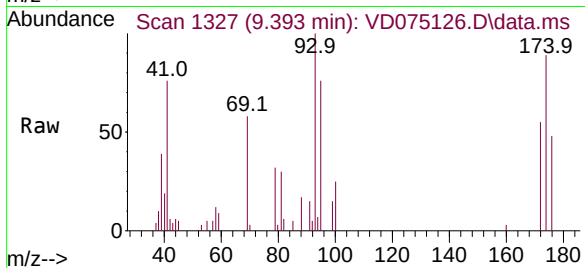
Tgt Ion: 88 Resp: 2228

Ion Ratio Lower Upper

88 100

43 40.7 35.6 53.4

58 65.6 57.4 86.2



#50

Toluene-d8

Concen: 19.456 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075126.D

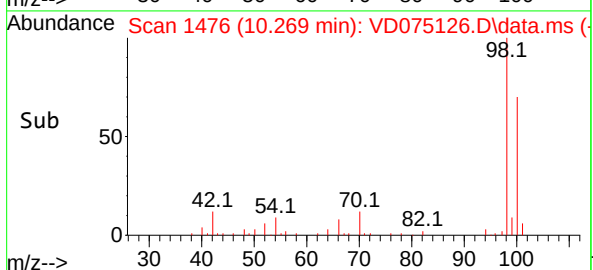
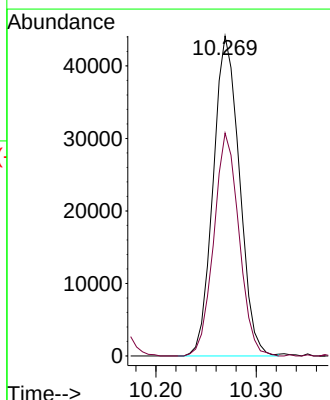
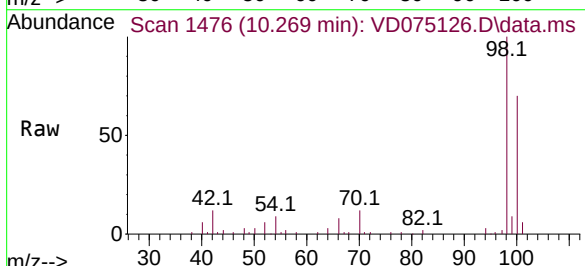
Acq: 18 Jan 2023 11:48

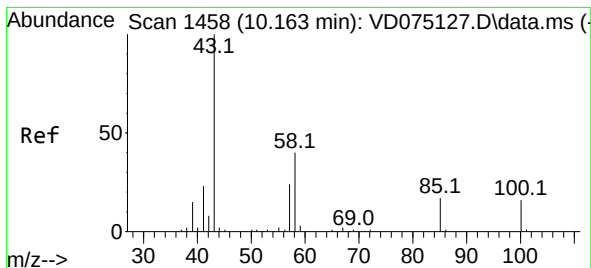
Tgt Ion: 98 Resp: 80097

Ion Ratio Lower Upper

98 100

100 66.9 52.7 79.1

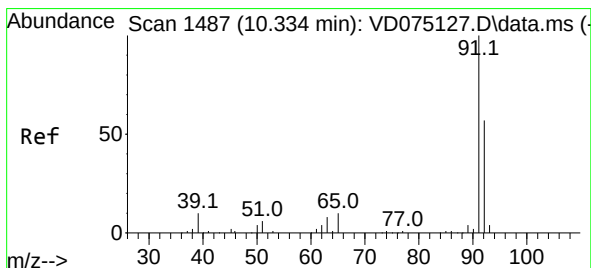
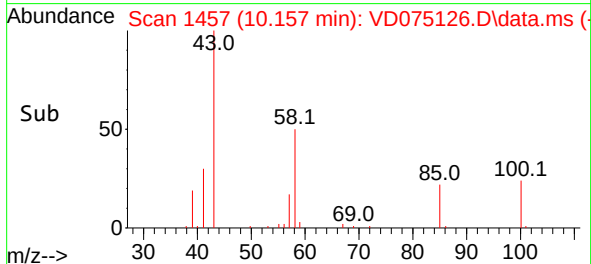
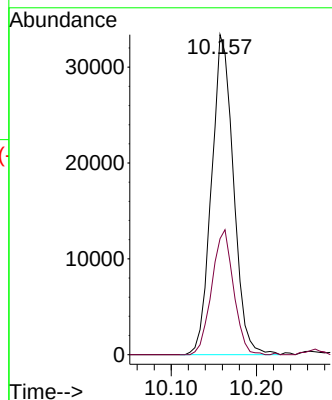
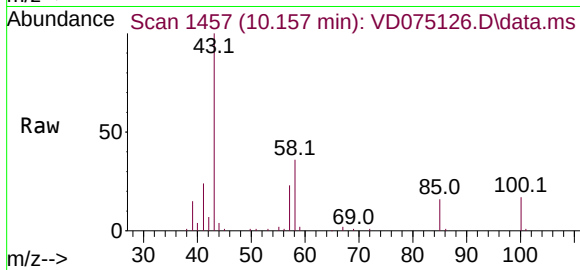




#51
4-Methyl-2-Pentanone
Concen: 93.254 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

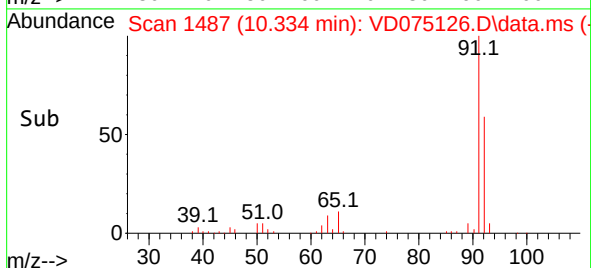
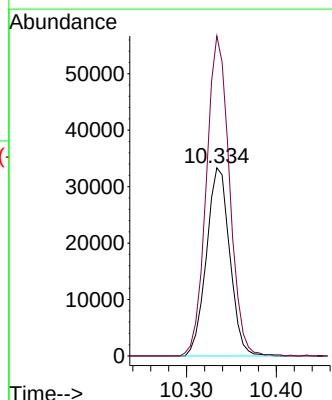
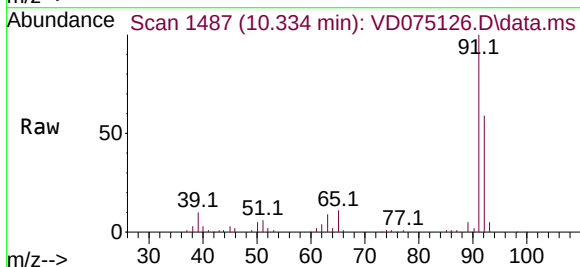
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

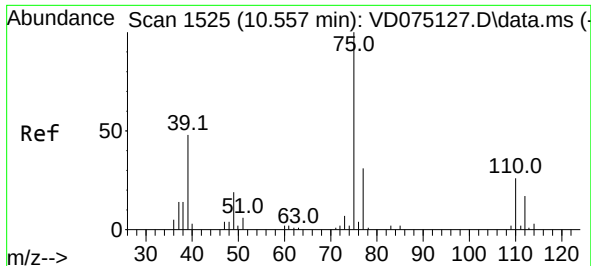
Tgt Ion: 43 Resp: 59740
Ion Ratio Lower Upper
43 100
58 38.6 31.4 47.0



#52
Toluene
Concen: 19.935 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion: 92 Resp: 60120
Ion Ratio Lower Upper
92 100
91 169.1 137.0 205.4

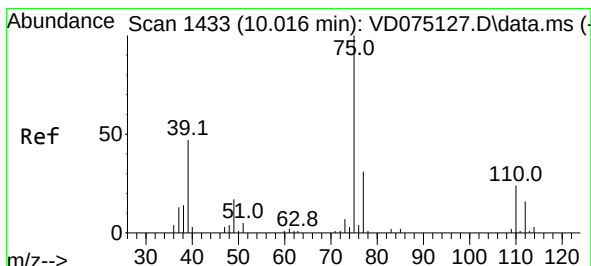
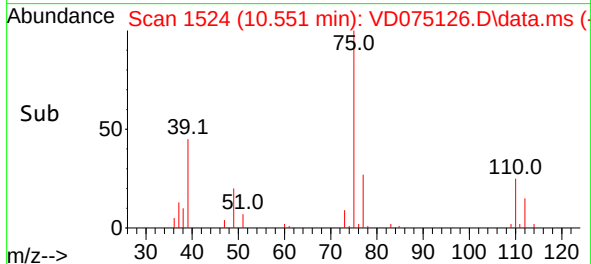
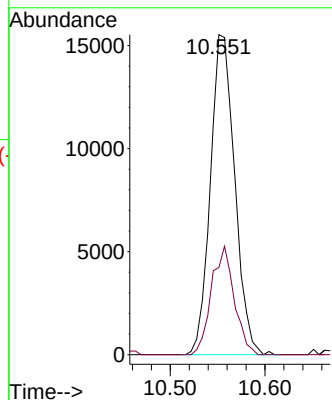
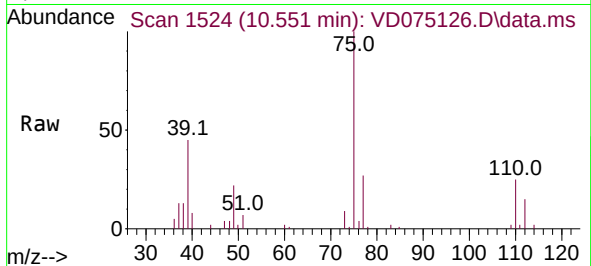




#53
 t-1,3-Dichloropropene
 Concen: 18.983 ug/l
 RT: 10.551 min Scan# 1525
 Delta R.T. -0.006 min
 Lab File: VD075126.D
 Acq: 18 Jan 2023 11:48

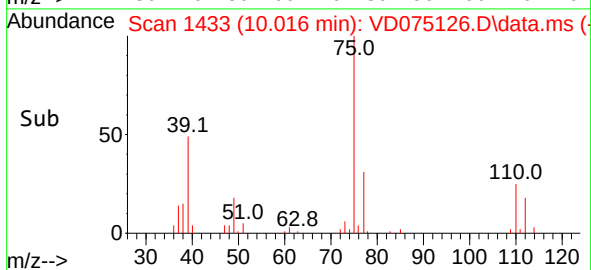
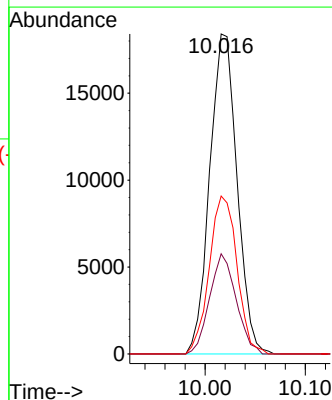
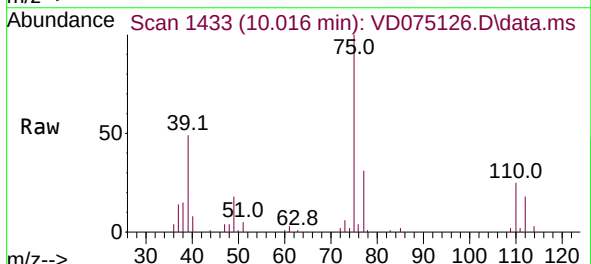
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

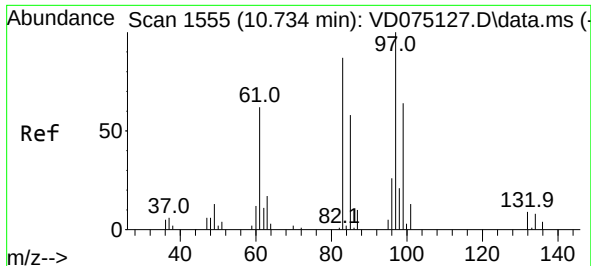
Tgt Ion: 75 Resp: 27773
 Ion Ratio Lower Upper
 75 100
 77 27.2 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.413 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075126.D
 Acq: 18 Jan 2023 11:48

Tgt Ion: 75 Resp: 34838
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.1 37.7
 39 49.3 37.9 56.9

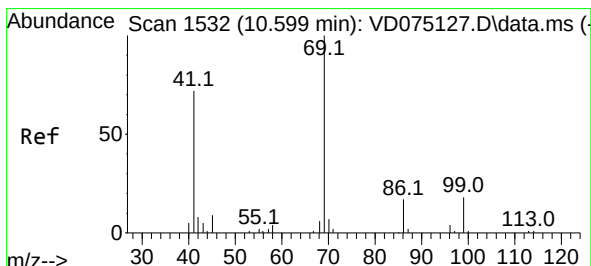
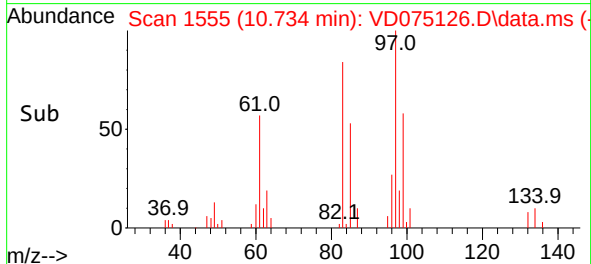
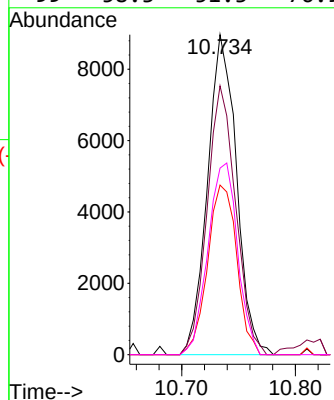
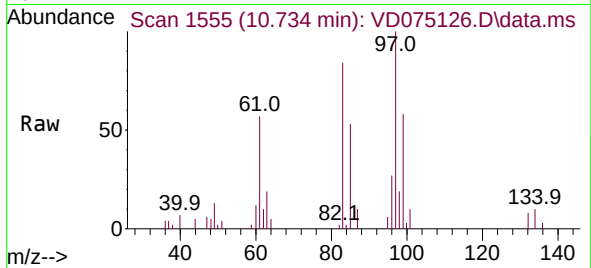




#55
1,1,2-Trichloroethane
Concen: 19.459 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

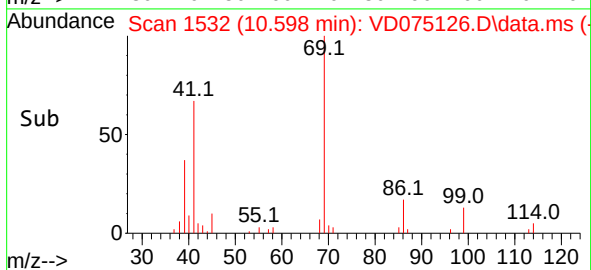
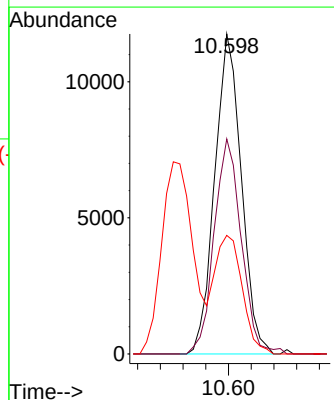
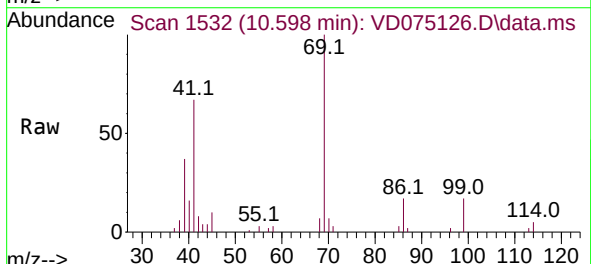
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

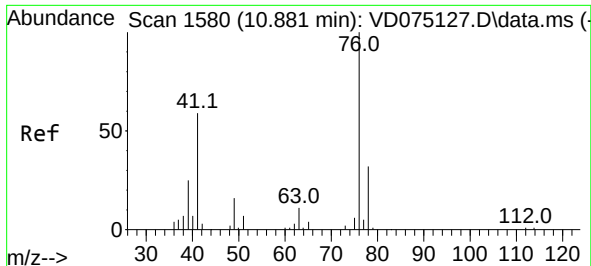
Tgt Ion:	97	Resp:	15900
Ion	Ratio	Lower	Upper
97	100		
83	84.0	69.4	104.0
85	53.0	46.0	69.0
99	58.3	51.3	76.9



#56
Ethyl methacrylate
Concen: 18.906 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion:	69	Resp:	19109
Ion	Ratio	Lower	Upper
69	100		
41	68.6	55.7	83.5
39	38.3	31.4	47.0





#57

1,3-Dichloropropane

Concen: 19.076 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075126.D

Acq: 18 Jan 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

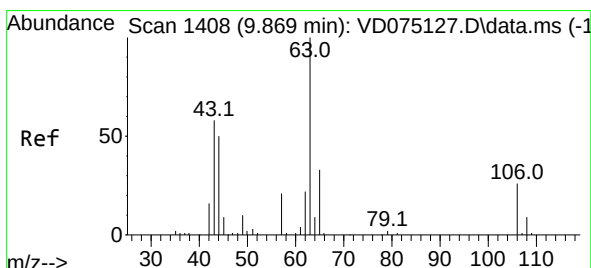
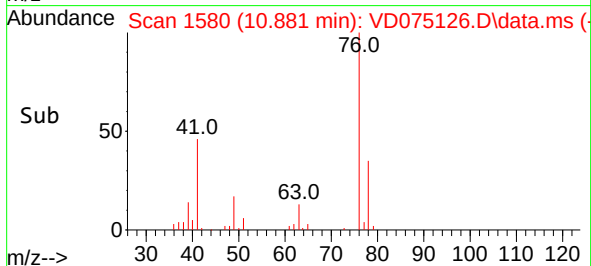
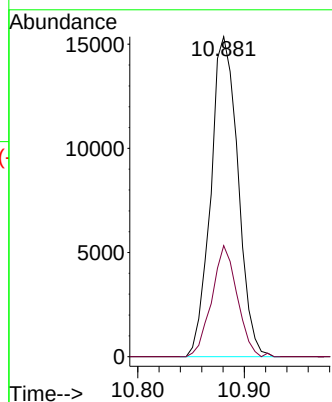
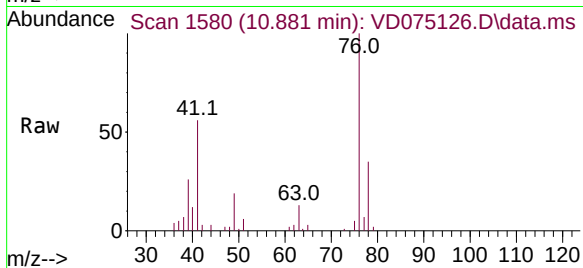
VSTDIC020

Tgt Ion: 76 Resp: 27223

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 100.481 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD075126.D

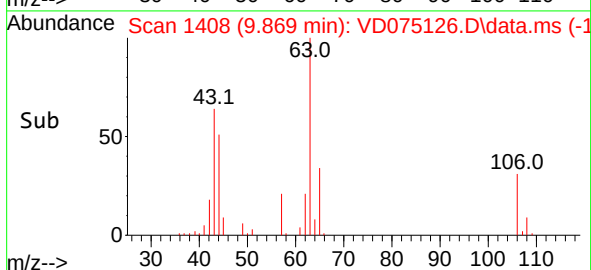
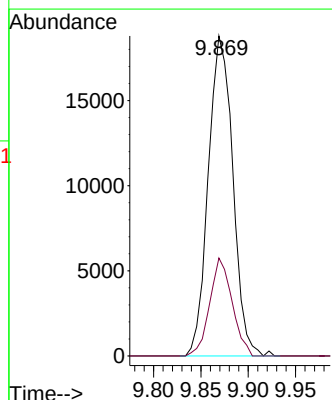
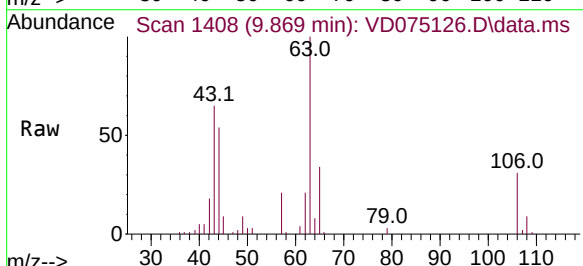
Acq: 18 Jan 2023 11:48

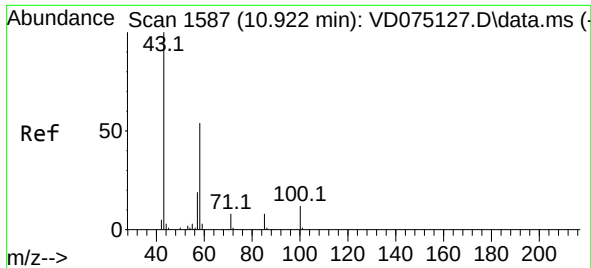
Tgt Ion: 63 Resp: 33954

Ion Ratio Lower Upper

63 100

106 27.9 22.6 33.8

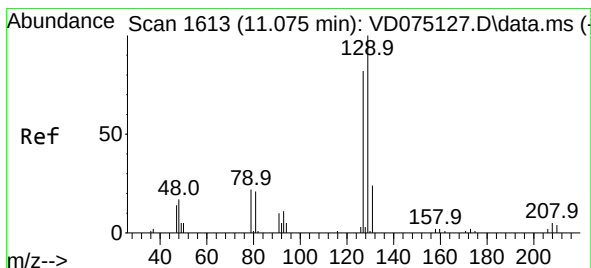
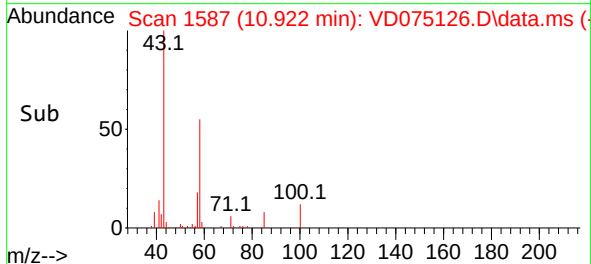
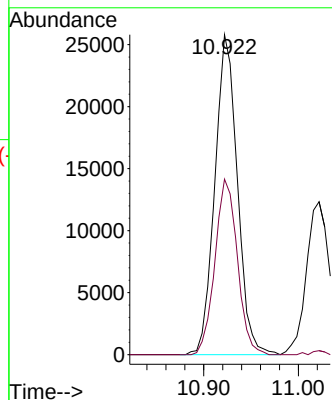
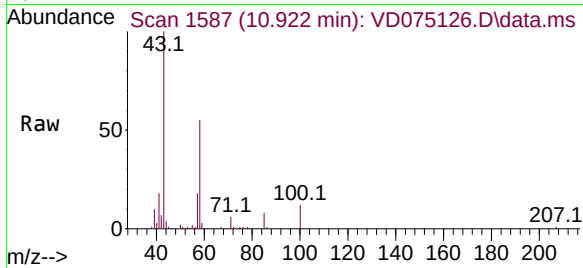




#59
2-Hexanone
Concen: 91.767 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

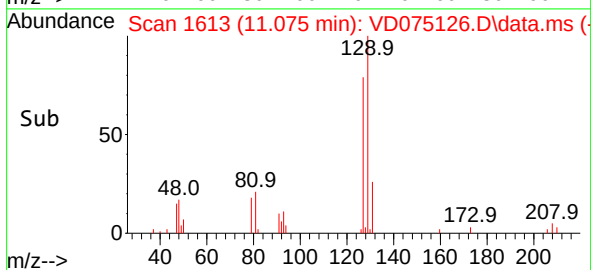
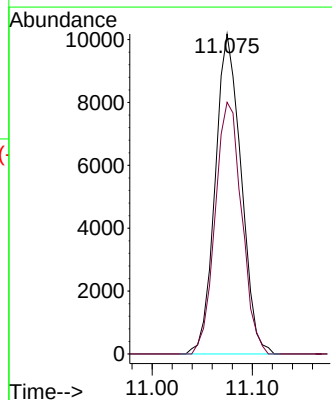
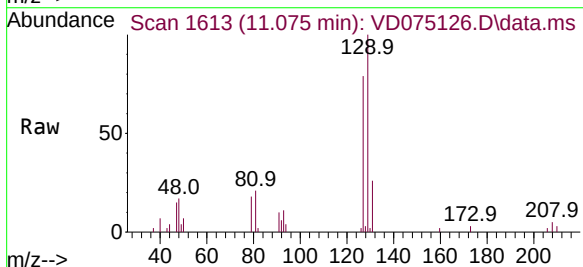
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

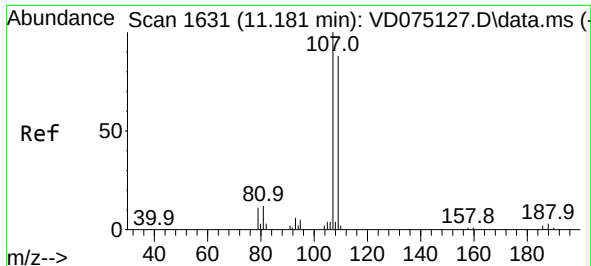
Tgt Ion: 43 Resp: 42633
Ion Ratio Lower Upper
43 100
58 54.6 26.8 80.4



#60
Dibromochloromethane
Concen: 18.266 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion: 129 Resp: 18253
Ion Ratio Lower Upper
129 100
127 80.7 38.9 116.6

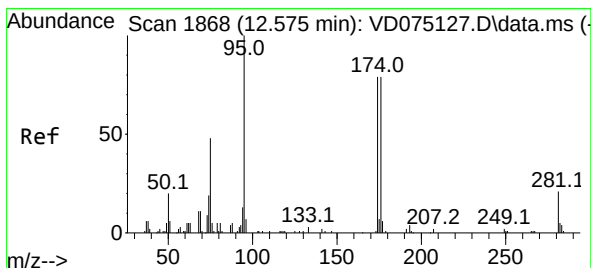
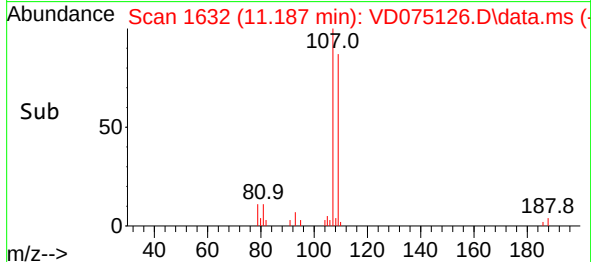
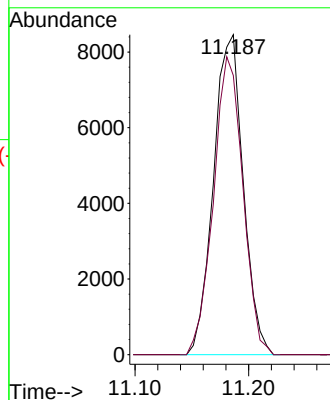
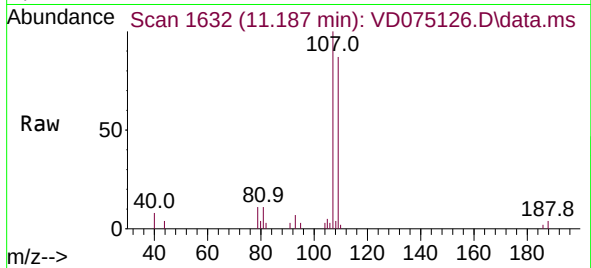




#61
1,2-Dibromoethane
Concen: 19.488 ug/l
RT: 11.187 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

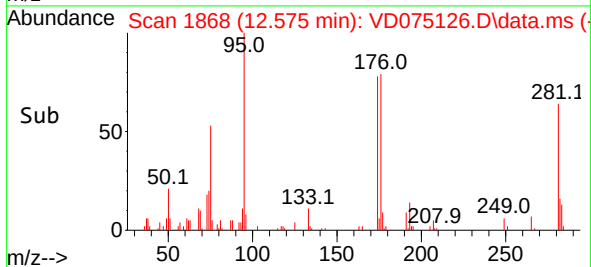
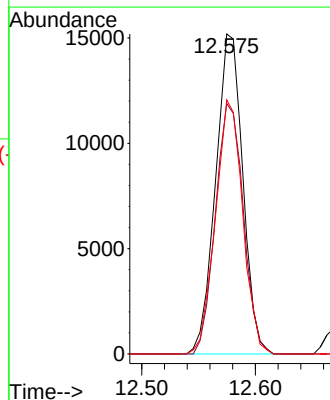
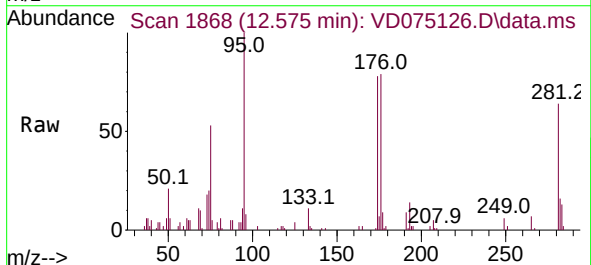
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

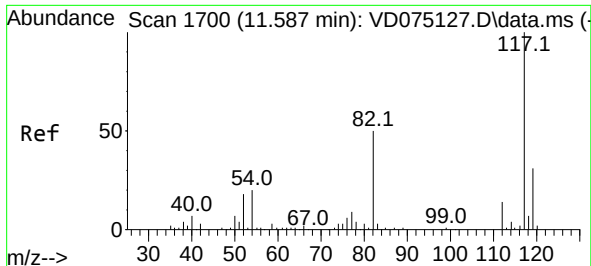
Tgt Ion:107 Resp: 15395
Ion Ratio Lower Upper
107 100
109 92.3 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 19.405 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion: 95 Resp: 25223
Ion Ratio Lower Upper
95 100
174 80.4 0.0 161.2
176 79.4 0.0 160.2

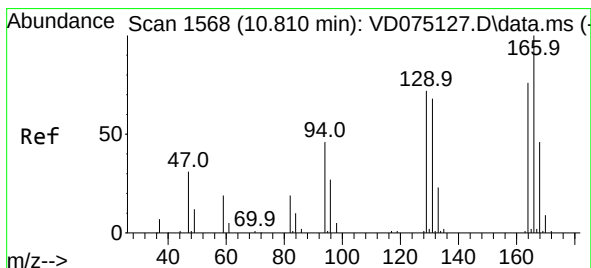
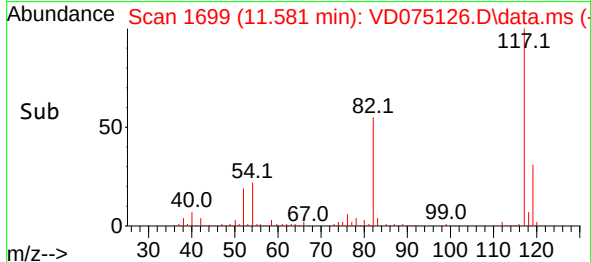
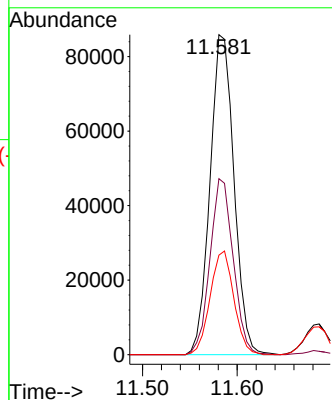
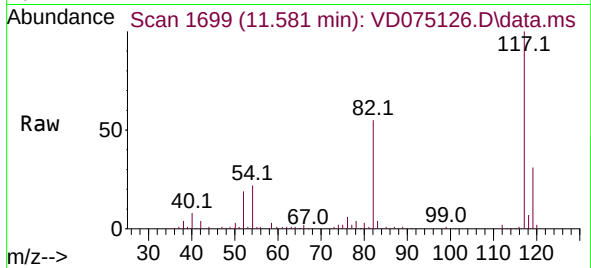




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

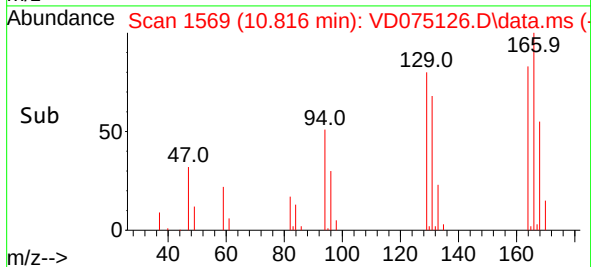
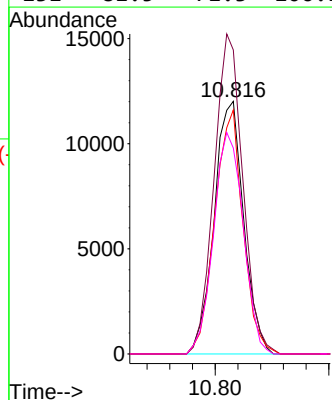
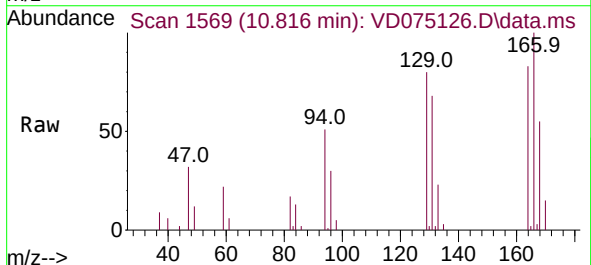
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

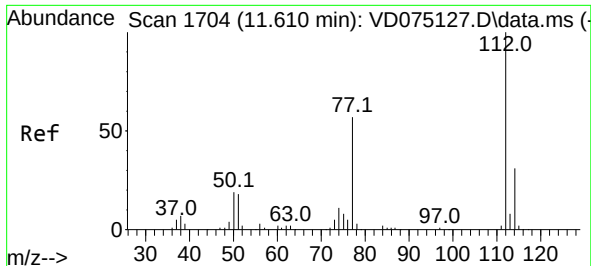
Tgt Ion:117 Resp: 151068
Ion Ratio Lower Upper
117 100
82 55.0 39.6 59.4
119 31.1 24.6 37.0



#64
Tetrachloroethene
Concen: 19.997 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion:164 Resp: 21658
Ion Ratio Lower Upper
164 100
166 120.3 105.3 157.9
129 96.6 76.2 114.4
131 81.5 71.3 106.9

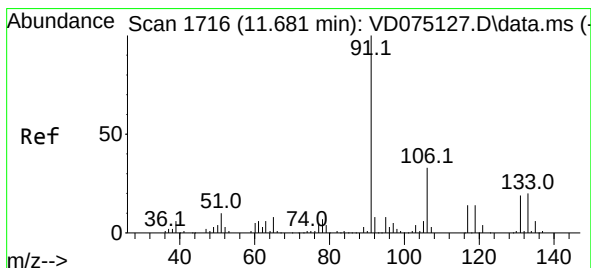
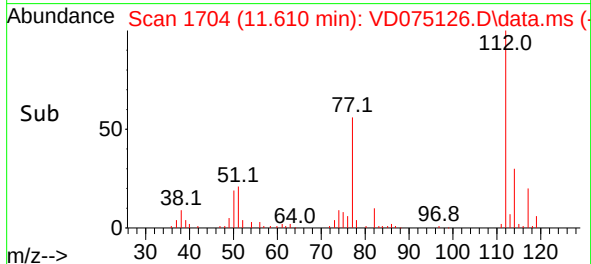
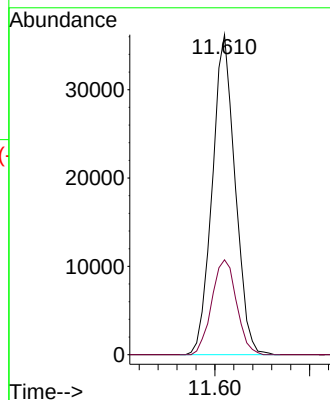
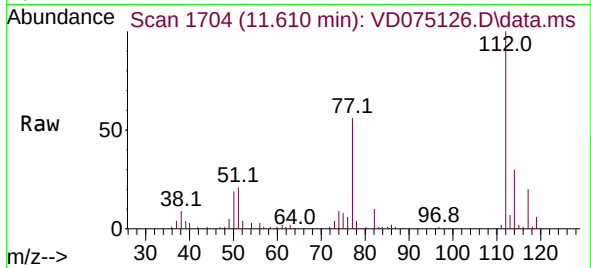




#65
Chlorobenzene
Concen: 19.871 ug/l
RT: 11.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

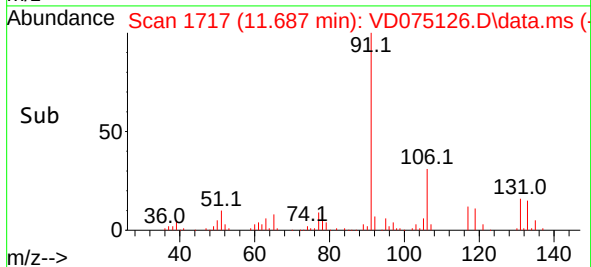
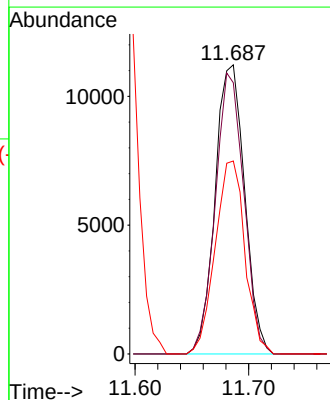
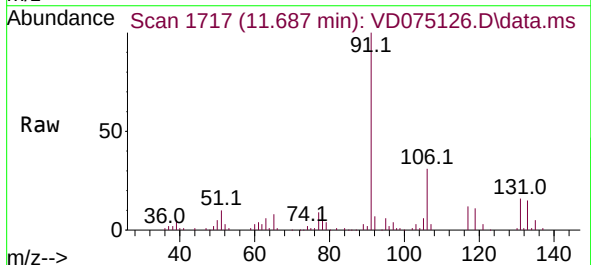
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

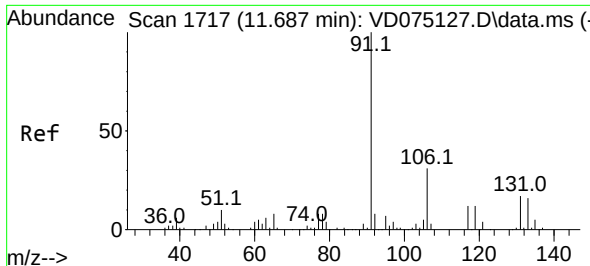
Tgt Ion:112 Resp: 60701
Ion Ratio Lower Upper
112 100
114 29.7 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.595 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion:131 Resp: 20272
Ion Ratio Lower Upper
131 100
133 94.0 49.0 147.2
119 67.3 34.8 104.5

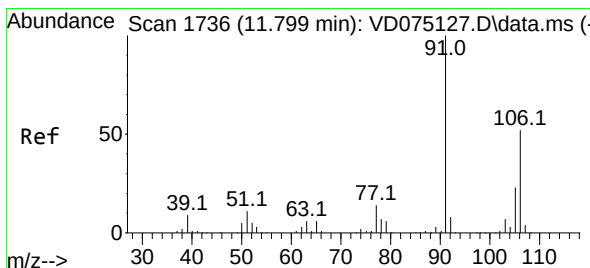
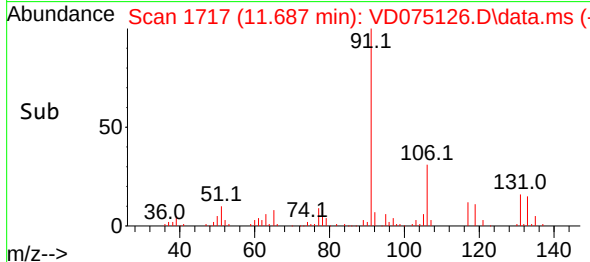
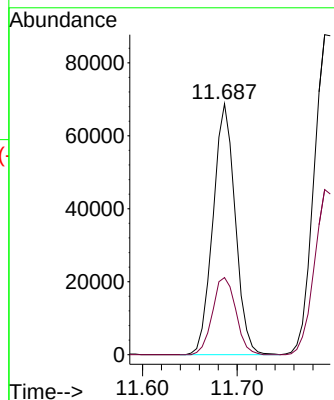
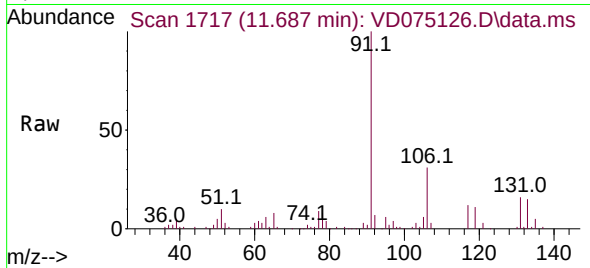




#67
Ethyl Benzene
Concen: 20.112 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

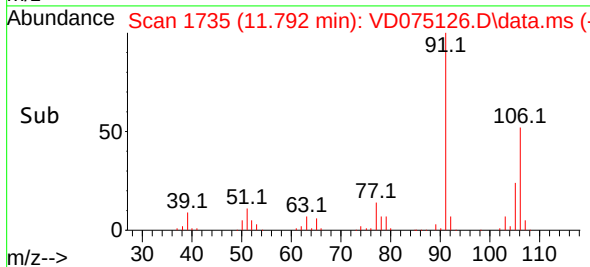
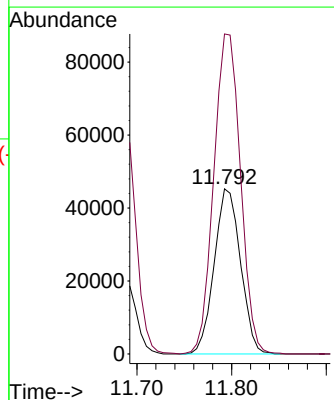
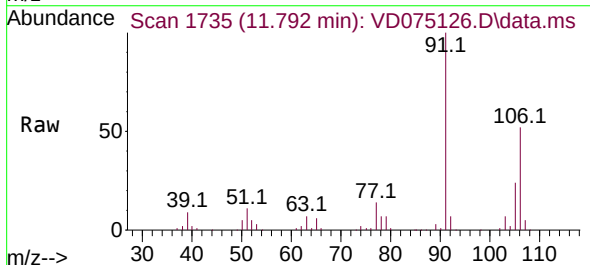
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

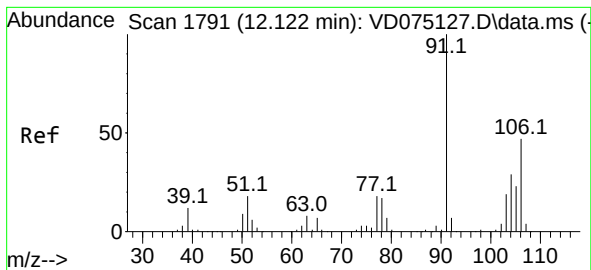
Tgt Ion: 91 Resp: 112112
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.6



#68
m/p-Xylenes
Concen: 40.626 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion:106 Resp: 87264
Ion Ratio Lower Upper
106 100
91 197.0 160.3 240.5





#69

o-Xylene

Concen: 19.752 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD075126.D

Acq: 18 Jan 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

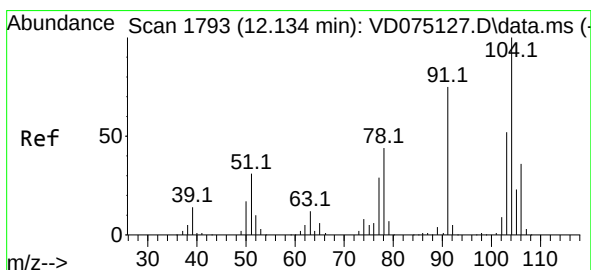
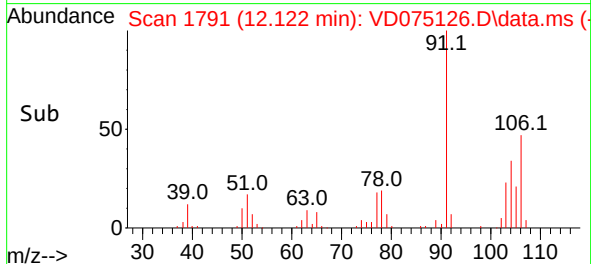
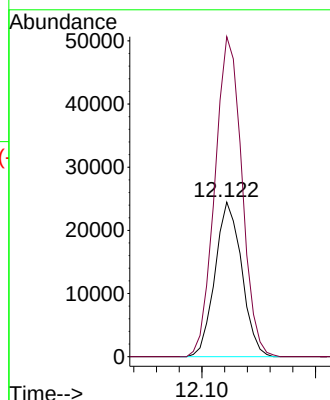
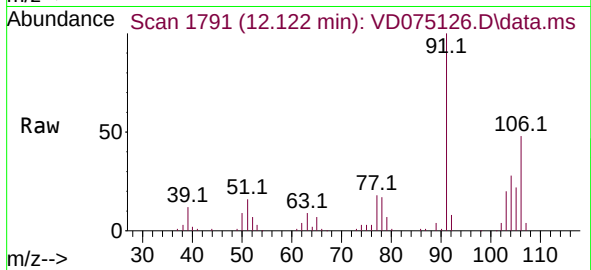
VSTDIC020

Tgt Ion:106 Resp: 39955

Ion Ratio Lower Upper

106 100

91 209.9 103.6 310.9



#70

Styrene

Concen: 19.676 ug/l

RT: 12.139 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VD075126.D

Acq: 18 Jan 2023 11:48

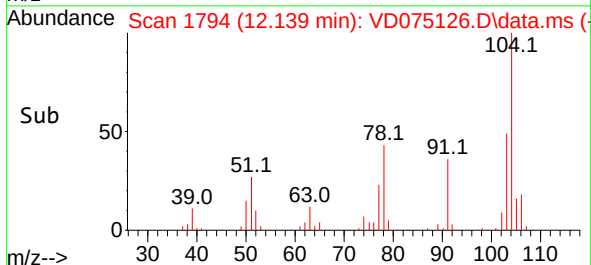
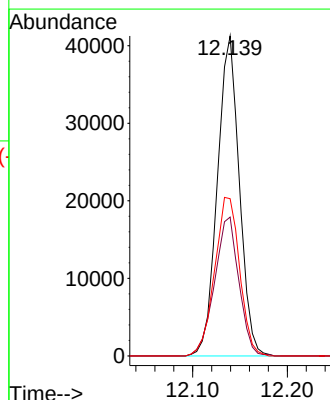
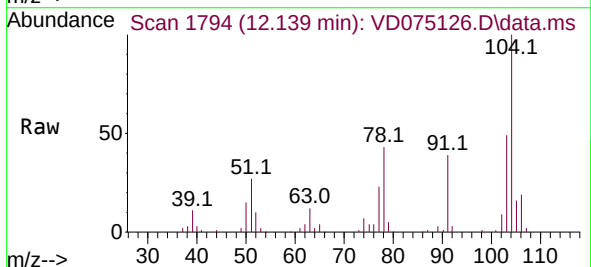
Tgt Ion:104 Resp: 66595

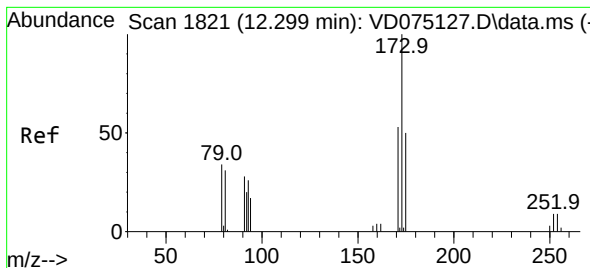
Ion Ratio Lower Upper

104 100

78 48.0 38.9 58.3

103 56.3 43.6 65.4





#71

Bromoform

Concen: 18.379 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VD075126.D

Acq: 18 Jan 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

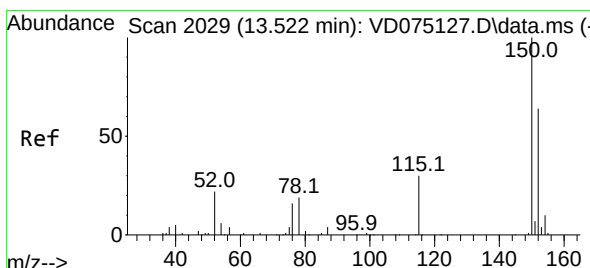
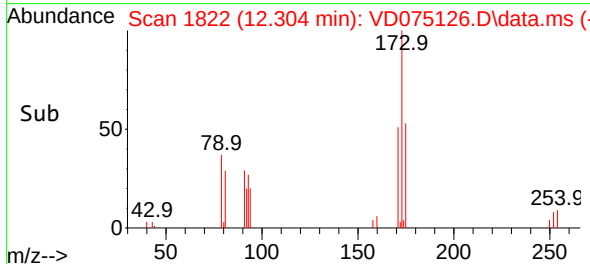
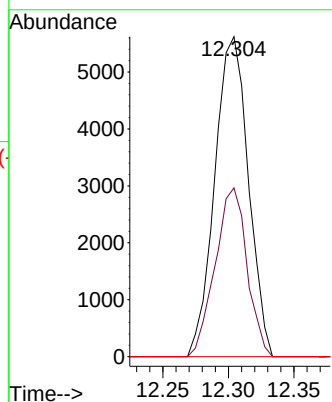
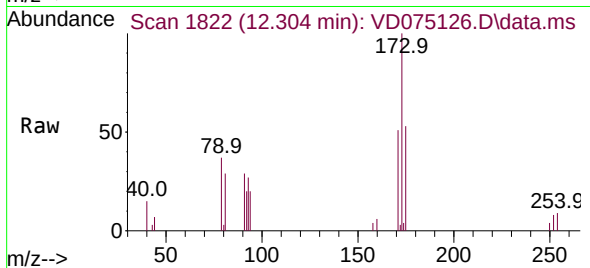
Tgt Ion:173 Resp: 10016

Ion Ratio Lower Upper

173 100

175 49.9 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: VD075126.D

Acq: 18 Jan 2023 11:48

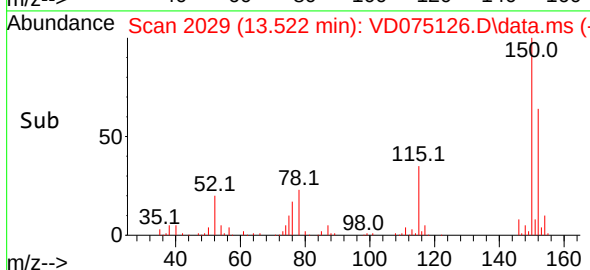
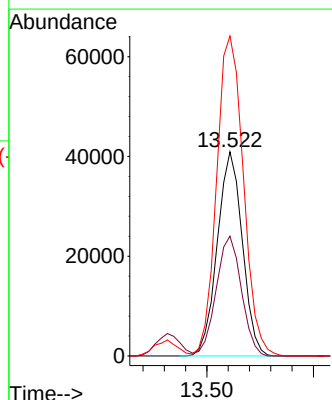
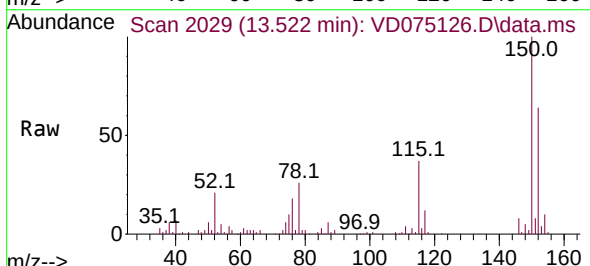
Tgt Ion:152 Resp: 66779

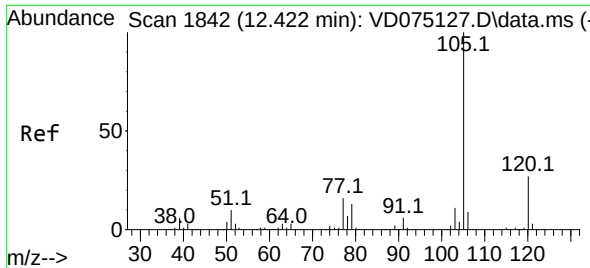
Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.4

150 167.1 0.0 348.6

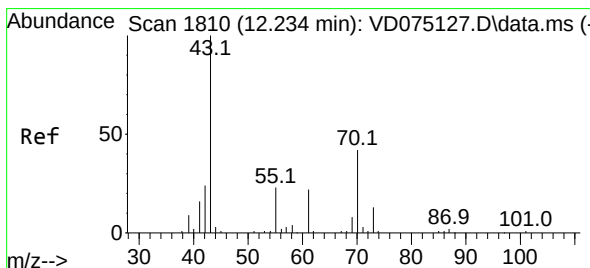
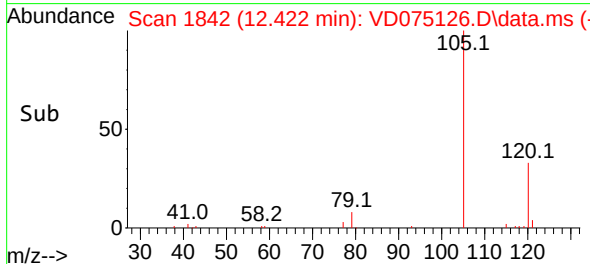
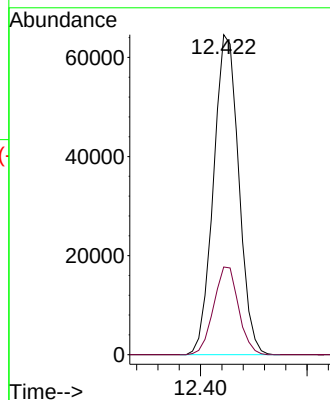
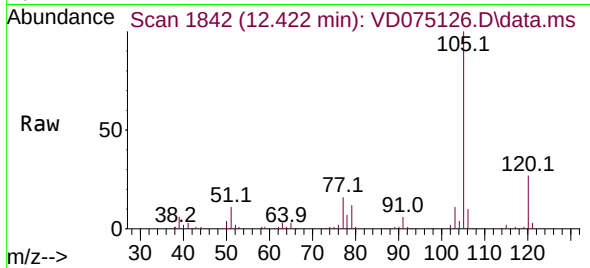




#73
Isopropylbenzene
Concen: 20.312 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

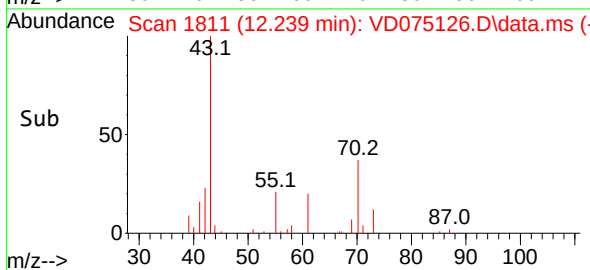
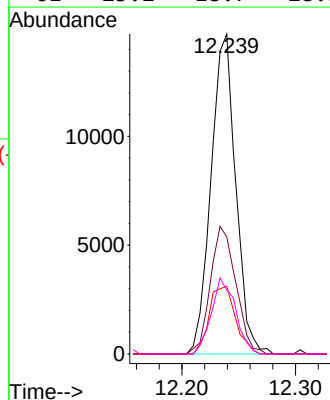
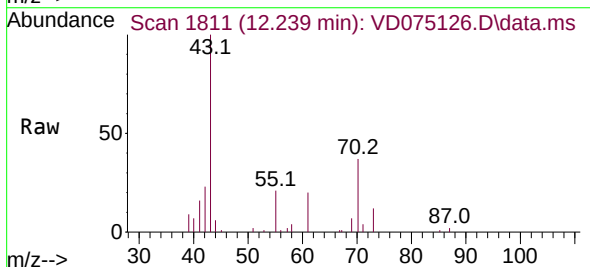
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

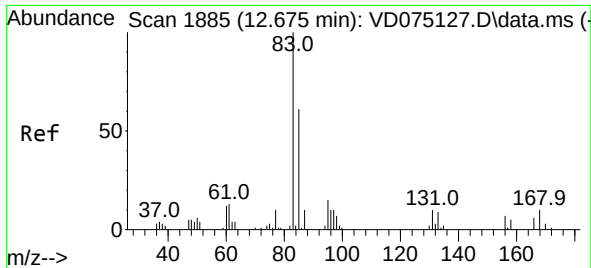
Tgt Ion:105 Resp: 106155
Ion Ratio Lower Upper
105 100
120 27.1 13.7 41.1



#74
N-ethyl acetate
Concen: 19.350 ug/l
RT: 12.239 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion: 43 Resp: 22227
Ion Ratio Lower Upper
43 100
70 41.1 32.6 49.0
55 22.5 17.8 26.8
61 23.2 18.7 28.1

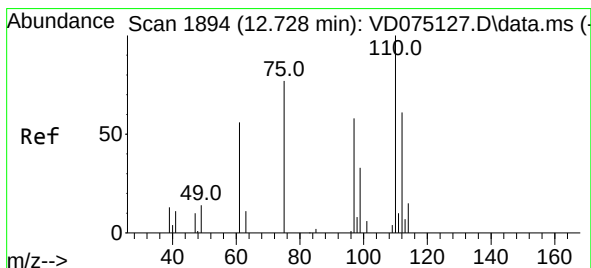
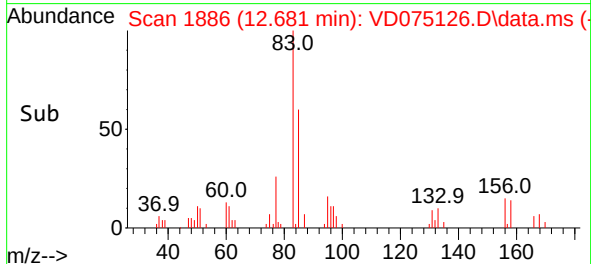
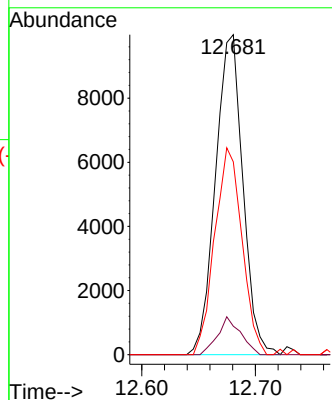
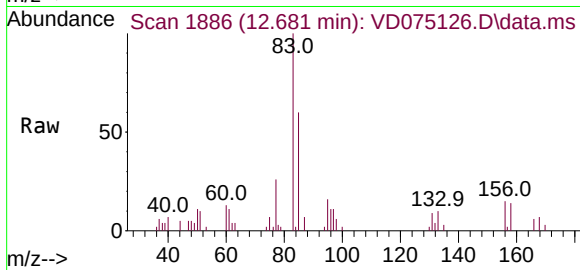




#75
1,1,2,2-Tetrachloroethane
Concen: 19.636 ug/l
RT: 12.681 min Scan# 1886
Delta R.T. 0.006 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

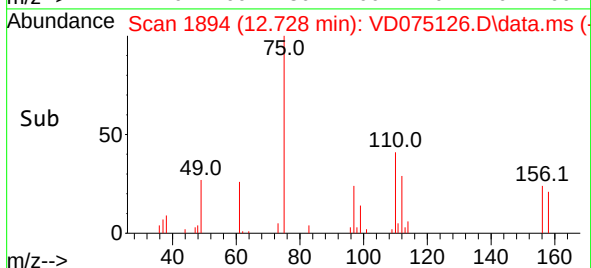
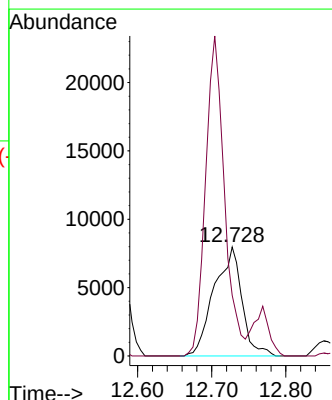
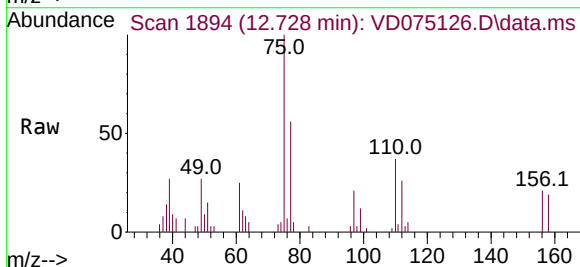
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

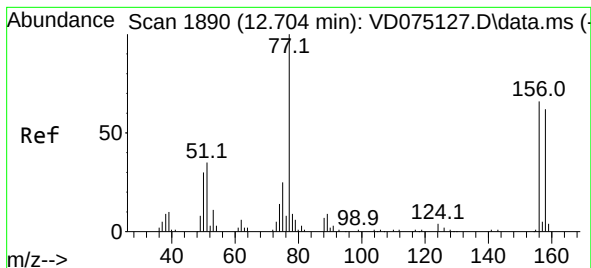
Tgt Ion: 83 Resp: 16721
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.6
85 64.5 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 32.930 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion: 75 Resp: 20743
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.397 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.000 min

Lab File: VD075126.D

Acq: 18 Jan 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

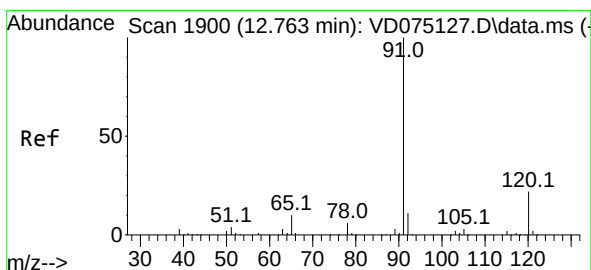
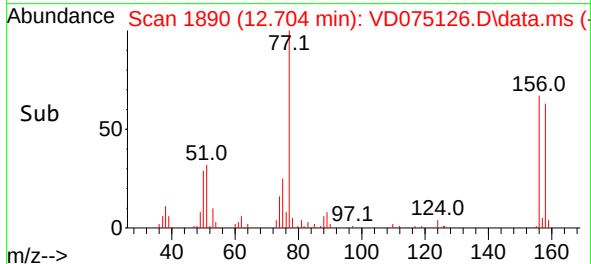
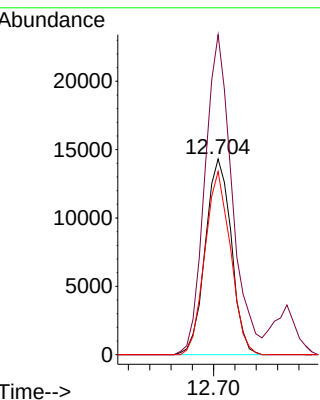
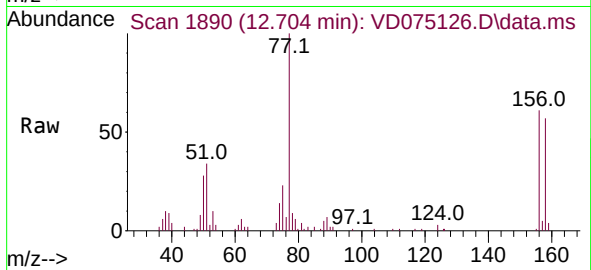
Tgt Ion:156 Resp: 24212

Ion Ratio Lower Upper

156 100

77 172.1 85.6 256.8

158 92.3 47.3 141.9



#78

n-propylbenzene

Concen: 20.374 ug/l

RT: 12.769 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VD075126.D

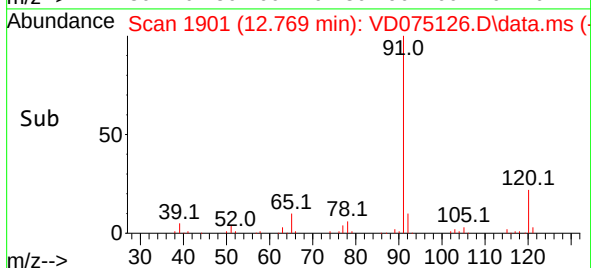
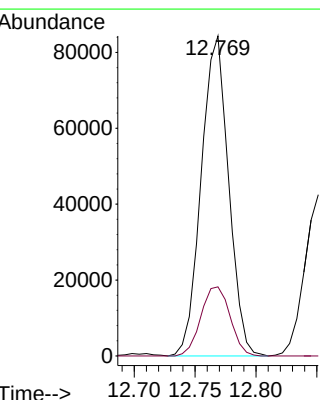
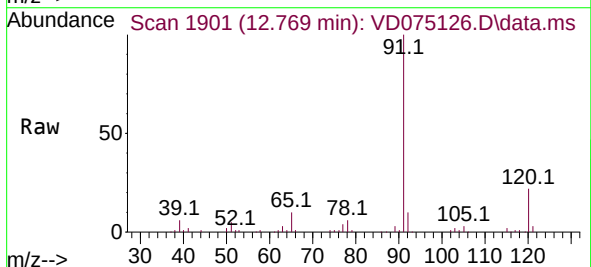
Acq: 18 Jan 2023 11:48

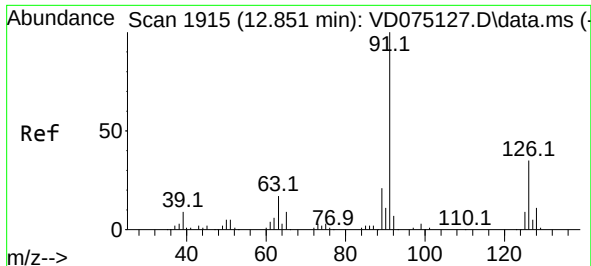
Tgt Ion: 91 Resp: 132084

Ion Ratio Lower Upper

91 100

120 23.0 11.7 35.0

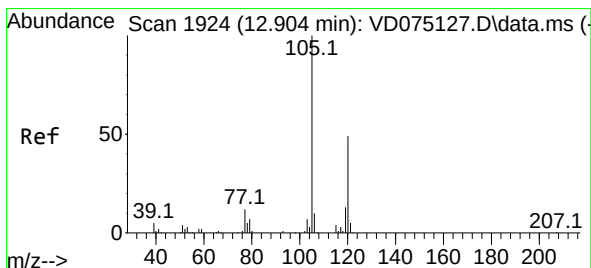
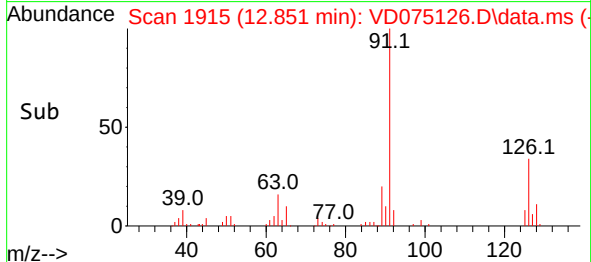
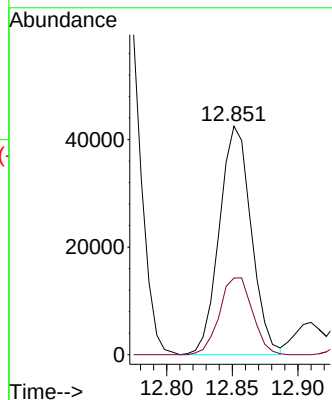
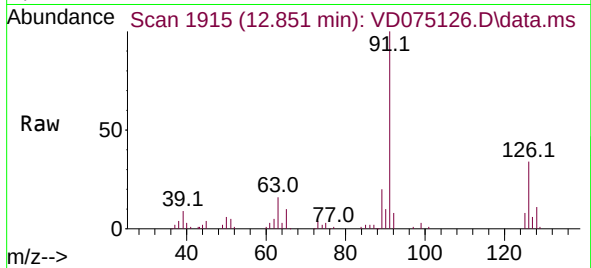




#79
2-Chlorotoluene
Concen: 20.260 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

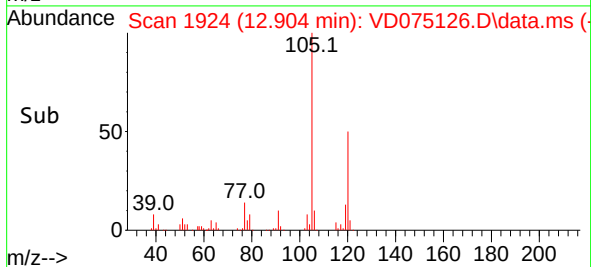
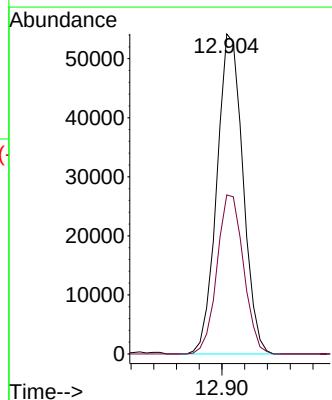
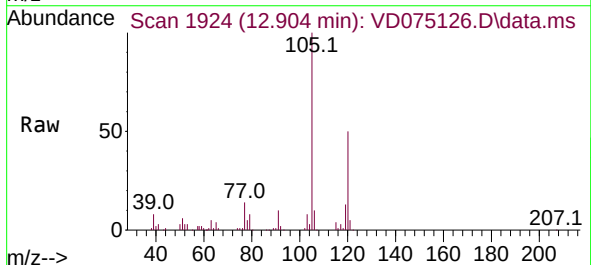
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

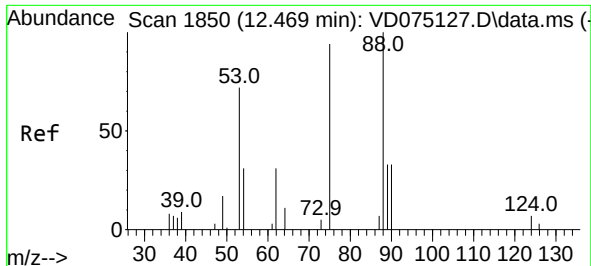
Tgt Ion: 91 Resp: 72024
Ion Ratio Lower Upper
91 100
126 34.6 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.115 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion: 105 Resp: 86402
Ion Ratio Lower Upper
105 100
120 50.5 24.6 73.8

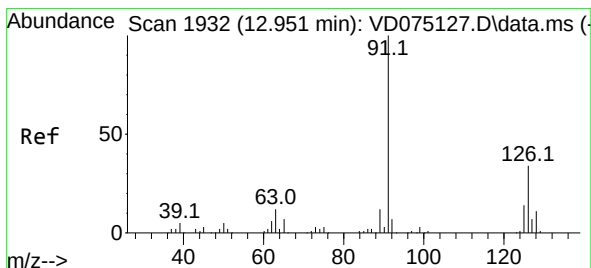
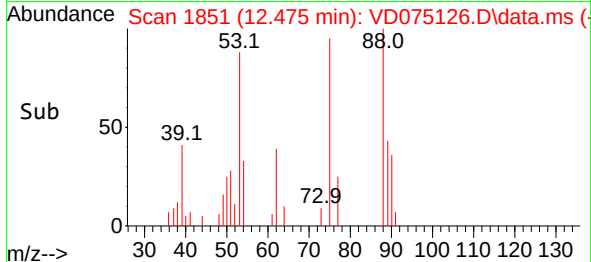
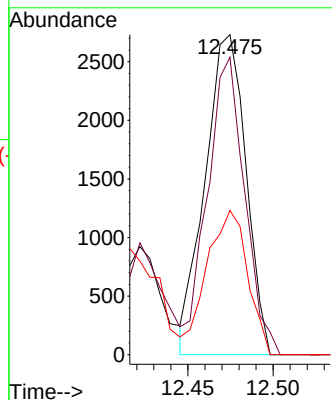
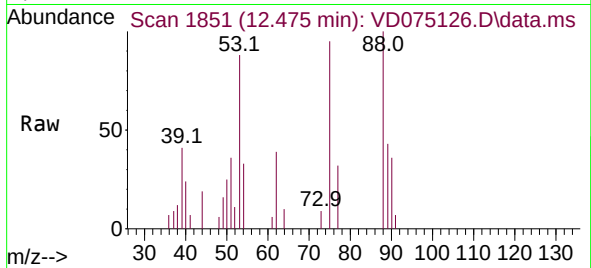




#81
trans-1,4-Dichloro-2-butene
Concen: 18.854 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

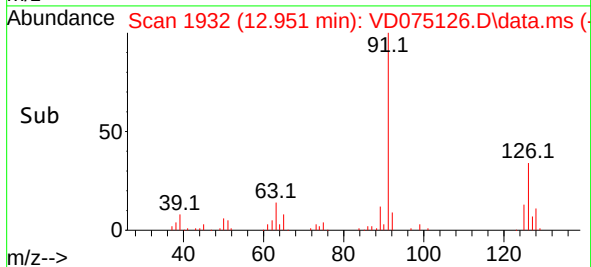
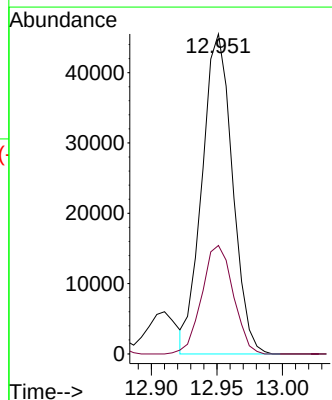
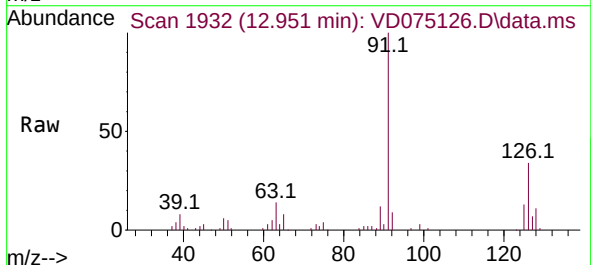
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

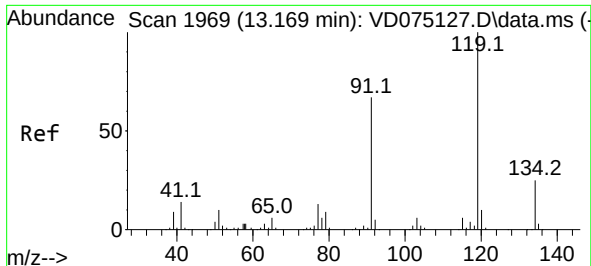
Tgt Ion: 75 Resp: 4542
Ion Ratio Lower Upper
75 100
53 85.0 70.5 105.7
89 45.2 34.6 52.0



#82
4-Chlorotoluene
Concen: 19.968 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion: 91 Resp: 73509
Ion Ratio Lower Upper
91 100
126 35.0 17.3 52.0

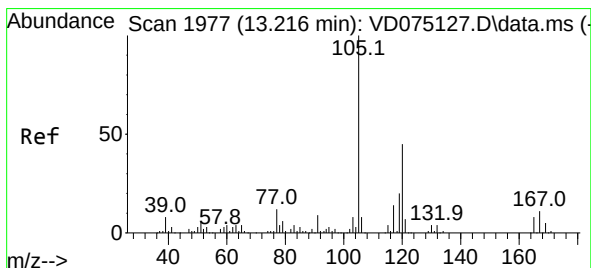
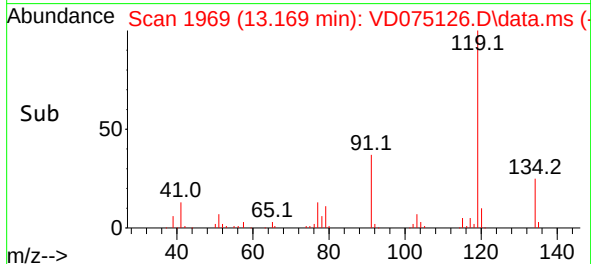
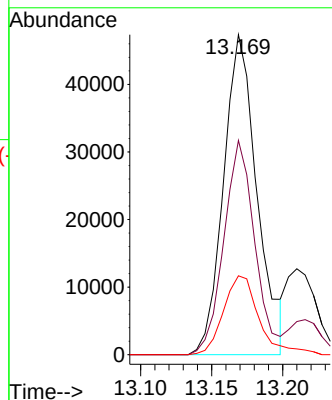
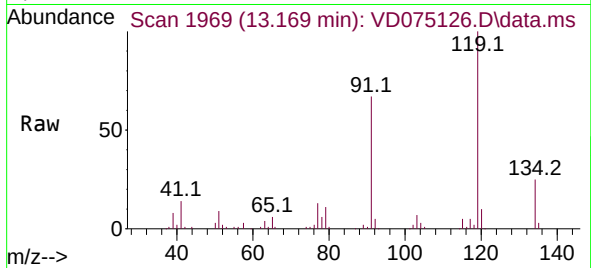




#83
tert-Butylbenzene
Concen: 20.769 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

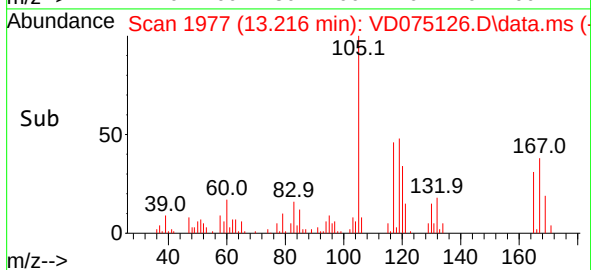
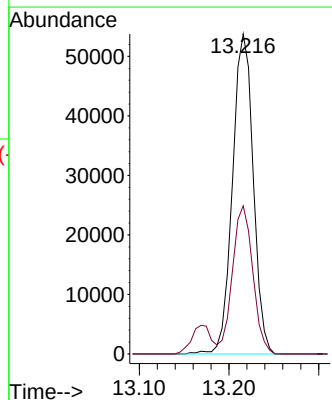
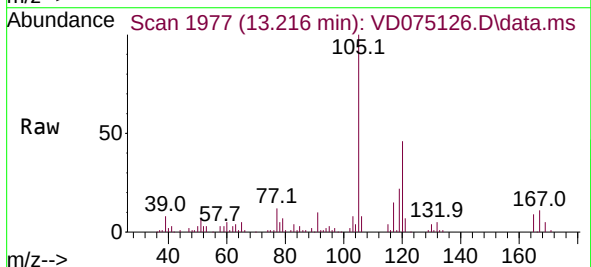
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

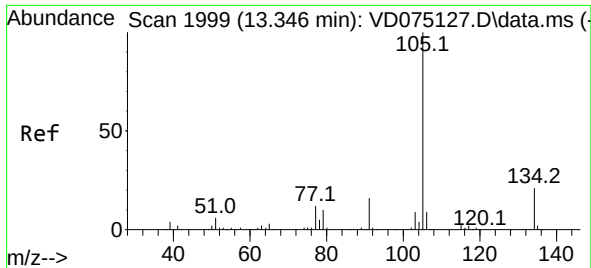
Tgt Ion:119 Resp: 77679
Ion Ratio Lower Upper
119 100
91 61.8 32.9 98.6
134 26.2 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 20.478 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion:105 Resp: 86221
Ion Ratio Lower Upper
105 100
120 45.4 23.2 69.5

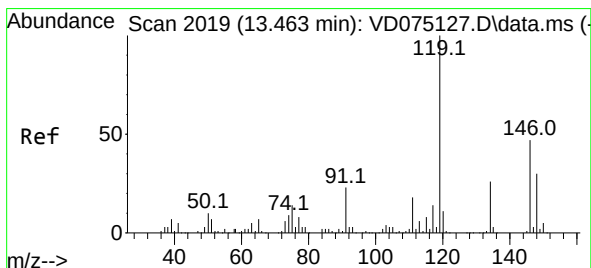
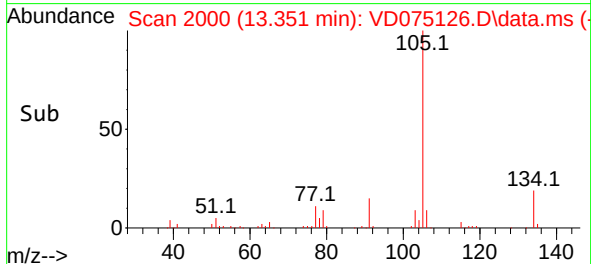
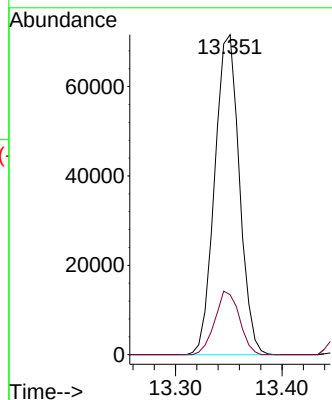
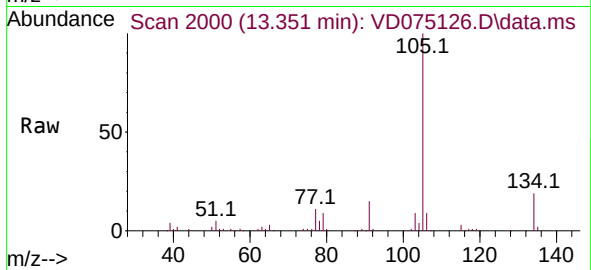




#85
 sec-Butylbenzene
 Concen: 20.356 ug/l
 RT: 13.351 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD075126.D
 Acq: 18 Jan 2023 11:48

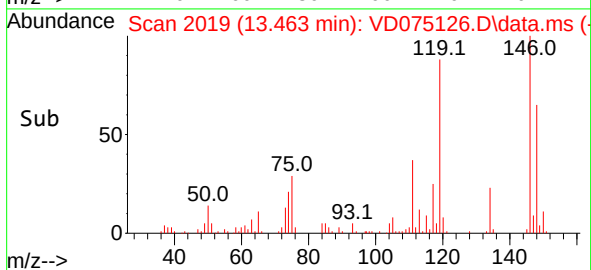
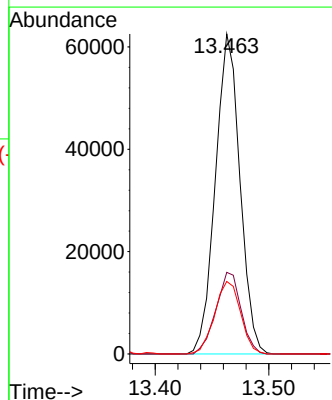
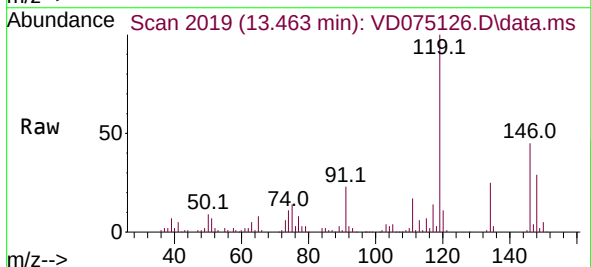
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

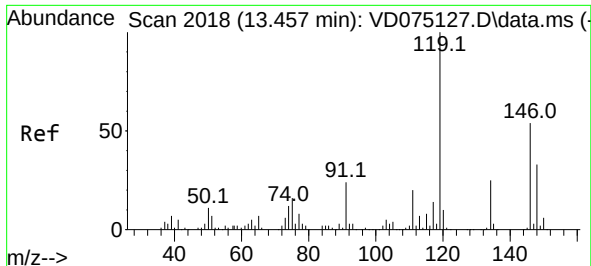
Tgt Ion:105 Resp: 115114
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 20.207 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075126.D
 Acq: 18 Jan 2023 11:48

Tgt Ion:119 Resp: 93915
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.8
 91 23.9 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 20.292 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD075126.D

Acq: 18 Jan 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

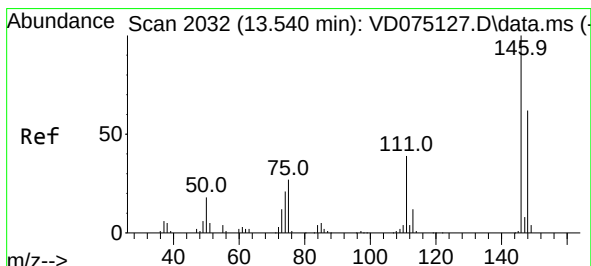
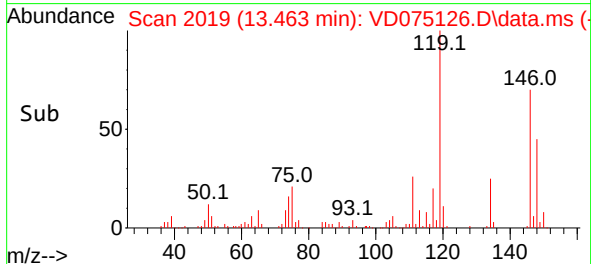
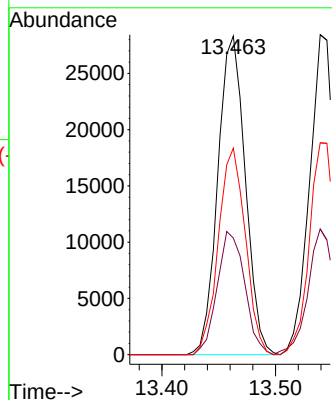
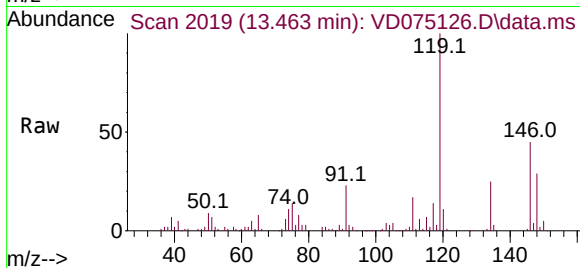
Tgt Ion:146 Resp: 47634

Ion Ratio Lower Upper

146 100

111 38.7 18.9 56.9

148 63.8 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 19.883 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD075126.D

Acq: 18 Jan 2023 11:48

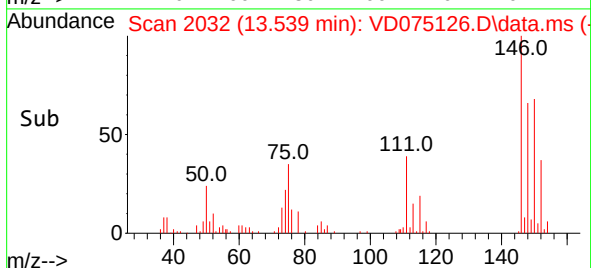
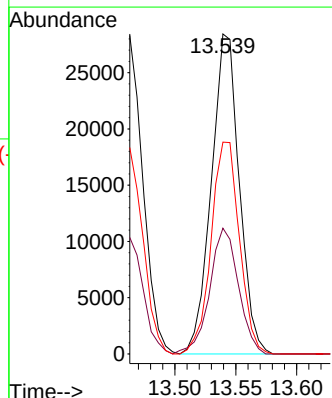
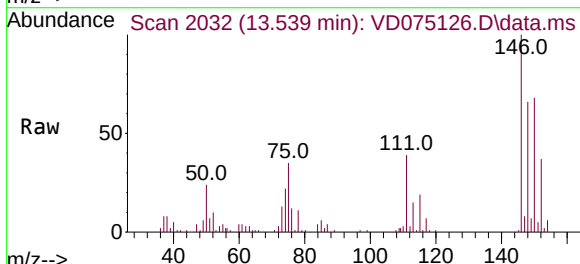
Tgt Ion:146 Resp: 45405

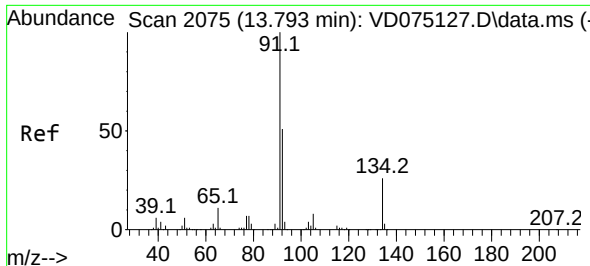
Ion Ratio Lower Upper

146 100

111 40.4 19.7 59.1

148 67.1 31.9 95.5





#89

n-Butylbenzene

Concen: 20.015 ug/l

RT: 13.792 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VD075126.D

Acq: 18 Jan 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

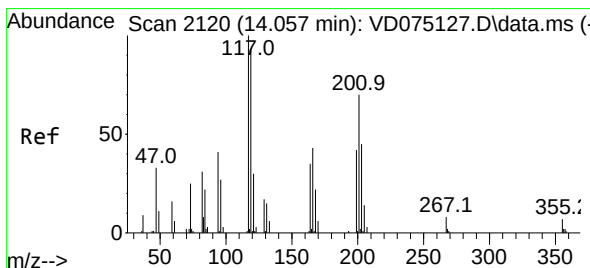
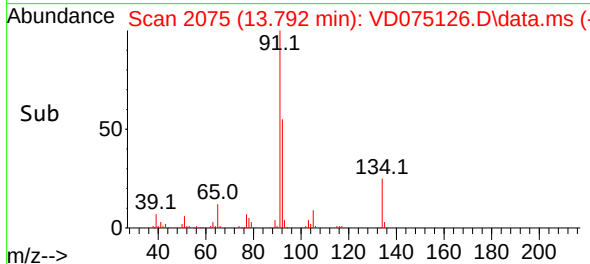
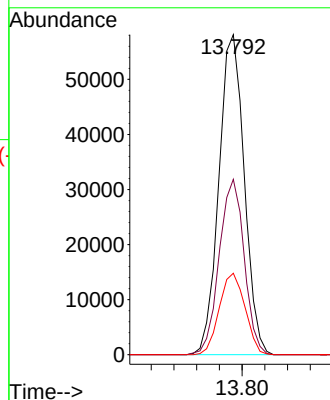
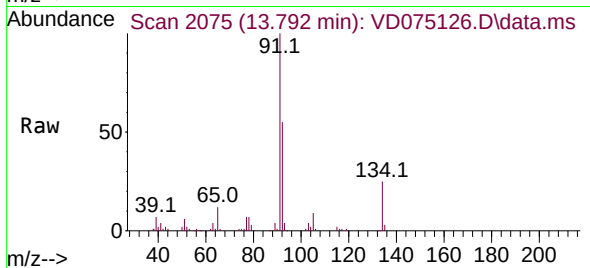
Tgt Ion: 91 Resp: 90253

Ion Ratio Lower Upper

91 100

92 53.9 26.8 80.3

134 25.8 13.3 39.8



#90

Hexachloroethane

Concen: 19.736 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. -0.000 min

Lab File: VD075126.D

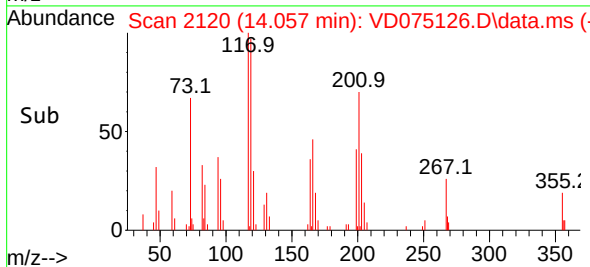
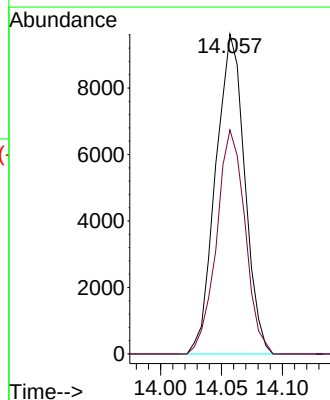
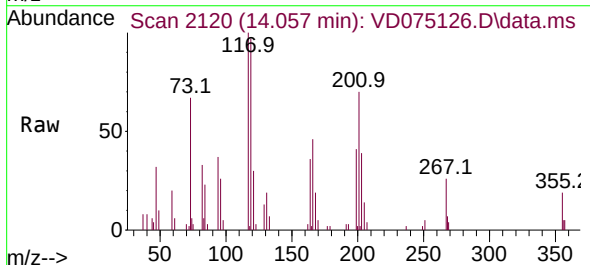
Acq: 18 Jan 2023 11:48

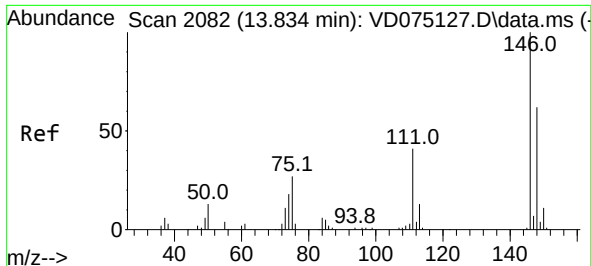
Tgt Ion: 117 Resp: 15939

Ion Ratio Lower Upper

117 100

201 68.9 35.1 105.5





#91

1,2-Dichlorobenzene

Concen: 20.223 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075126.D

Acq: 18 Jan 2023 11:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

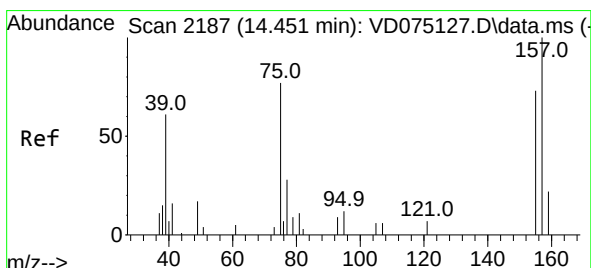
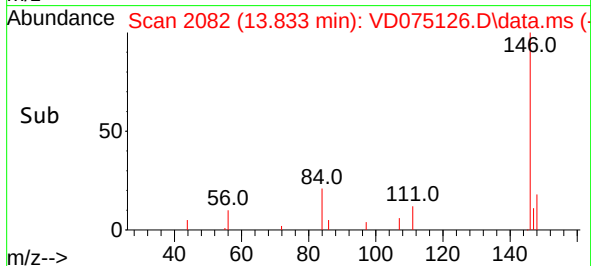
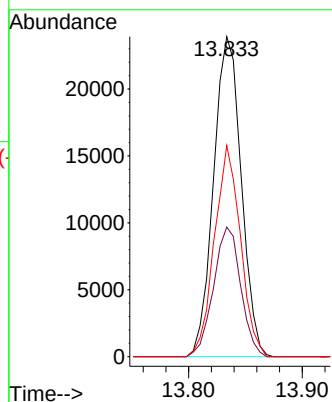
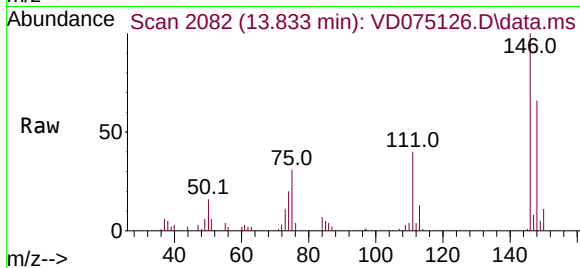
Tgt Ion:146 Resp: 40466

Ion Ratio Lower Upper

146 100

111 39.8 20.4 61.2

148 62.1 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.738 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD075126.D

Acq: 18 Jan 2023 11:48

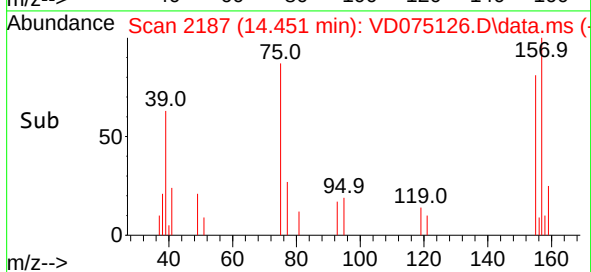
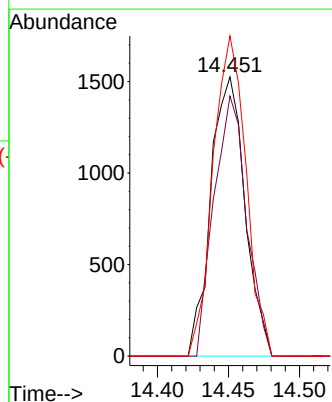
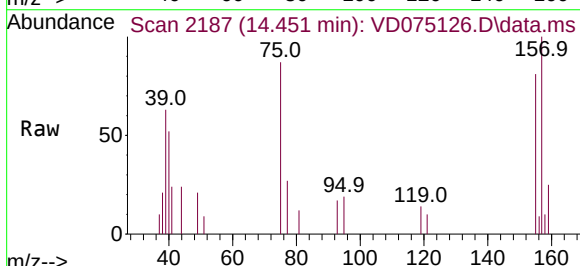
Tgt Ion: 75 Resp: 2548

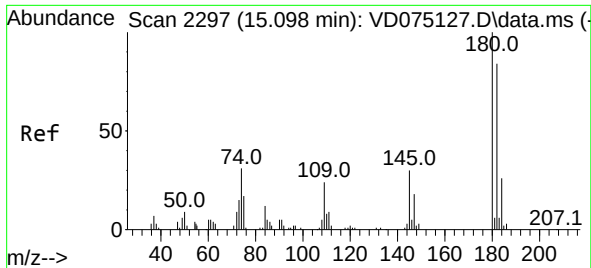
Ion Ratio Lower Upper

75 100

155 88.9 43.4 130.2

157 110.4 56.4 169.2

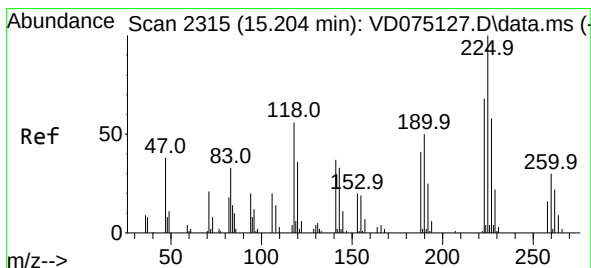
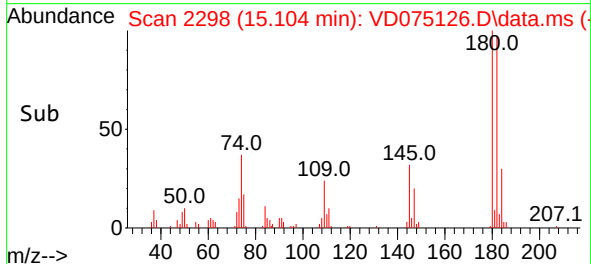
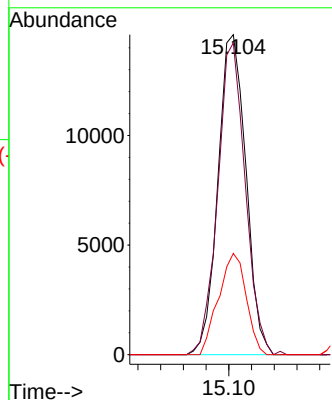
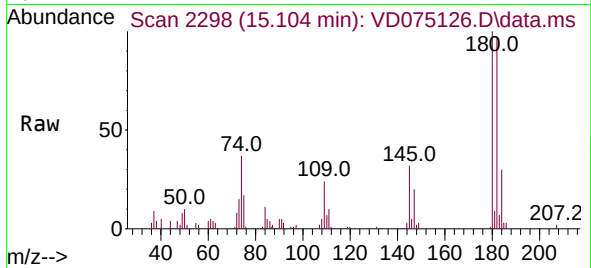




#93
1,2,4-Trichlorobenzene
Concen: 19.214 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

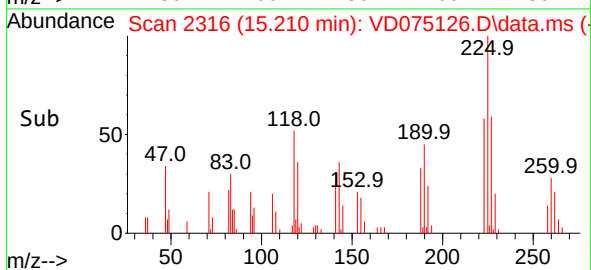
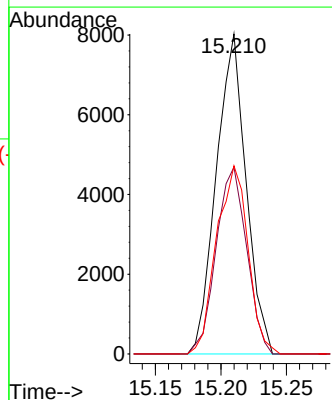
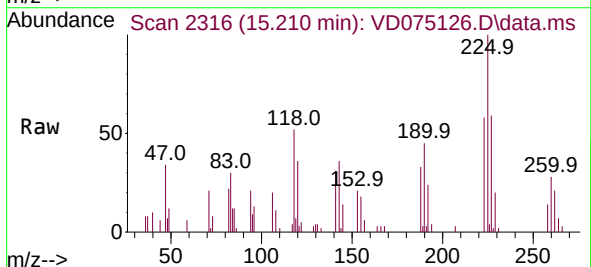
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

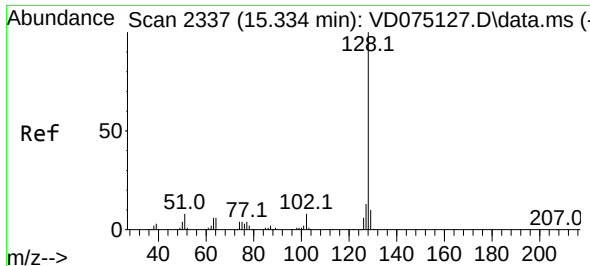
Tgt Ion:180 Resp: 24928
Ion Ratio Lower Upper
180 100
182 96.0 46.2 138.6
145 31.3 15.8 47.4



#94
Hexachlorobutadiene
Concen: 19.786 ug/l
RT: 15.210 min Scan# 2316
Delta R.T. 0.006 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion:225 Resp: 12670
Ion Ratio Lower Upper
225 100
223 59.8 31.8 95.4
227 62.2 30.7 92.1

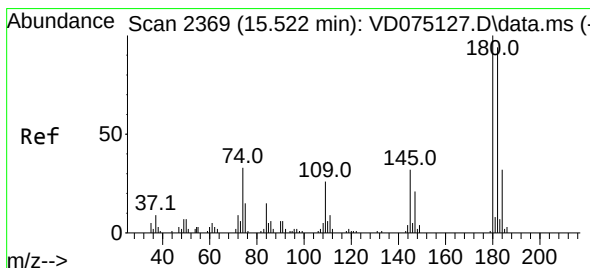
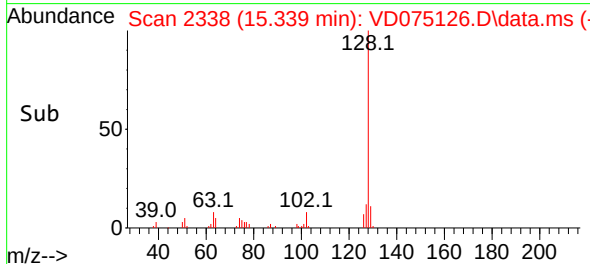
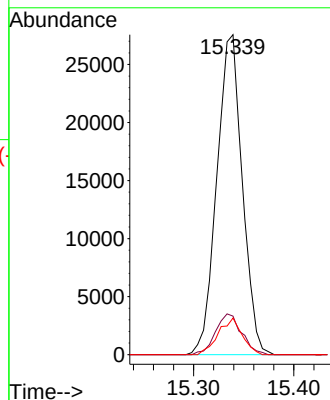
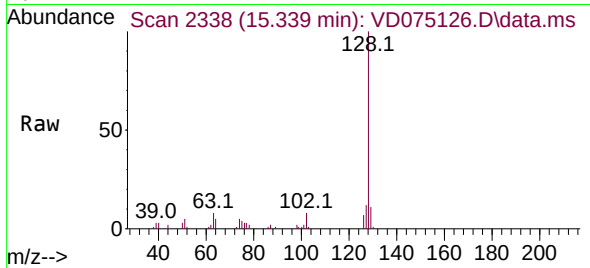




#95
Naphthalene
Concen: 18.907 ug/l
RT: 15.339 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:	128	Resp:	48699
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	10.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.487 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD075126.D
Acq: 18 Jan 2023 11:48

Tgt Ion:	180	Resp:	21906
Ion Ratio	Lower	Upper	
180	100		
182	90.3	47.0	141.0
145	33.6	16.1	48.3

