

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075150.D
 Acq On : 20 Jan 2023 13:45
 Operator : KP/SY
 Sample : VD0120SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0120SBS02

Quant Time: Jan 23 00:31:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	78332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	142964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	128592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	58018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	44838	56.095	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.200%
35) Dibromofluoromethane	7.810	113	45797	53.013	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.020%
50) Toluene-d8	10.269	98	181451	53.345	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.700%
62) 4-Bromofluorobenzene	12.575	95	57742	53.489	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.980%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	16744	25.810	ug/l	100
3) Chloromethane	2.146	50	22911	22.642	ug/l	98
4) Vinyl Chloride	2.281	62	21786	20.065	ug/l	98
5) Bromomethane	2.687	94	15595	21.120	ug/l	97
6) Chloroethane	2.834	64	15556	20.663	ug/l	97
7) Trichlorofluoromethane	3.175	101	29230	21.180	ug/l	99
8) Diethyl Ether	3.593	74	9792	22.021	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.969	101	18471	21.680	ug/l	99
10) Methyl Iodide	4.163	142	21116	18.412	ug/l	99
11) Tert butyl alcohol	5.034	59	3575	64.111	ug/l #	89
12) 1,1-Dichloroethene	3.946	96	20141	22.456	ug/l	89
13) Acrolein	3.793	56	6739	133.197	ug/l	96
14) Allyl chloride	4.563	41	31684	21.767	ug/l	99
15) Acrylonitrile	5.251	53	22449	119.392	ug/l	95
16) Acetone	4.022	43	21046	99.831	ug/l	96
17) Carbon Disulfide	4.269	76	63561	21.849	ug/l	98
18) Methyl Acetate	4.569	43	13044	22.763	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	40831	21.793	ug/l	96
20) Methylene Chloride	4.798	84	27243	20.105	ug/l	95
21) trans-1,2-Dichloroethene	5.310	96	21087	21.119	ug/l	96
22) Diisopropyl ether	6.216	45	58926	21.750	ug/l	96
23) Vinyl Acetate	6.157	43	118156	98.952	ug/l	99
24) 1,1-Dichloroethane	6.116	63	36826	21.629	ug/l	98
25) 2-Butanone	7.081	43	27005	105.987	ug/l #	88
26) 2,2-Dichloropropane	7.081	77	30829	20.312	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	23491	21.583	ug/l	99
28) Bromochloromethane	7.428	49	11183	24.057	ug/l #	94
29) Tetrahydrofuran	7.445	42	14988	103.134	ug/l	96
30) Chloroform	7.598	83	36571	21.540	ug/l	99
31) Cyclohexane	7.881	56	34816	21.718	ug/l	96
32) 1,1,1-Trichloroethane	7.792	97	30406	20.787	ug/l	98
36) 1,1-Dichloropropene	8.016	75	29109	20.972	ug/l	99
37) Ethyl Acetate	7.169	43	11336	20.272	ug/l #	77
38) Carbon Tetrachloride	7.992	117	23397	20.020	ug/l	97
39) Methylcyclohexane	9.275	83	35990	21.041	ug/l	97
40) Benzene	8.257	78	84656	21.387	ug/l	97

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Instrument :
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 ClientSampleId :
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Quant Time: Jan 23 00:31:03 2023
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 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	6420	19.080	ug/l	94
42) 1,2-Dichloroethane	8.322	62	21768	20.936	ug/l	97
43) Isopropyl Acetate	8.363	43	22364	20.551	ug/l	98
44) Trichloroethene	9.028	130	22876	20.552	ug/l	95
45) 1,2-Dichloropropane	9.310	63	20164	20.680	ug/l	99
46) Dibromomethane	9.398	93	11132	21.648	ug/l	90
47) Bromodichloromethane	9.586	83	25968	20.355	ug/l	100
48) Methyl methacrylate	9.381	41	11392	21.408	ug/l	91
49) 1,4-Dioxane	9.375	88	1879	382.754	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	55776	106.735	ug/l	98
52) Toluene	10.333	92	51696	20.667	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	24172	20.027	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	30475	20.667	ug/l	96
55) 1,1,2-Trichloroethane	10.733	97	14229	20.909	ug/l	97
56) Ethyl methacrylate	10.604	69	16941	20.700	ug/l	100
57) 1,3-Dichloropropane	10.881	76	25108	21.471	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	29564	105.571	ug/l	100
59) 2-Hexanone	10.928	43	39696	105.059	ug/l	99
60) Dibromochloromethane	11.075	129	16415	20.012	ug/l	99
61) 1,2-Dibromoethane	11.181	107	13652	20.996	ug/l	95
64) Tetrachloroethene	10.816	164	17673	19.246	ug/l	97
65) Chlorobenzene	11.610	112	53680	20.372	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.686	131	17354	19.580	ug/l	99
67) Ethyl Benzene	11.686	91	96677	20.383	ug/l	99
68) m/p-Xylenes	11.798	106	76194	41.585	ug/l	95
69) o-Xylene	12.122	106	35908	20.892	ug/l	99
70) Styrene	12.139	104	59225	20.729	ug/l	99
71) Bromoform	12.304	173	9093	19.869	ug/l #	95
73) Isopropylbenzene	12.428	105	91940	20.062	ug/l	99
74) N-amyl acetate	12.239	43	19440	19.365	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	15853	21.711	ug/l	97
76) 1,2,3-Trichloropropane	12.727	75	19542	39.770	ug/l #	100
77) Bromobenzene	12.704	156	19839	18.953	ug/l	92
78) n-propylbenzene	12.769	91	114163	20.272	ug/l	100
79) 2-Chlorotoluene	12.851	91	61288	19.788	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	75225	20.035	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	4091	19.312	ug/l	94
82) 4-Chlorotoluene	12.951	91	64851	20.365	ug/l	99
83) tert-Butylbenzene	13.169	119	66075	20.339	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	73929	20.049	ug/l	100
85) sec-Butylbenzene	13.345	105	100360	20.336	ug/l	97
86) p-Isopropyltoluene	13.463	119	80055	19.813	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	40237	19.830	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	41521	20.798	ug/l	99
89) n-Butylbenzene	13.792	91	79235	20.125	ug/l	99
90) Hexachloroethane	14.057	117	13854	19.417	ug/l	95
91) 1,2-Dichlorobenzene	13.833	146	35436	20.413	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2427	21.739	ug/l	89
93) 1,2,4-Trichlorobenzene	15.104	180	20781	18.230	ug/l	99
94) Hexachlorobutadiene	15.210	225	10476	18.752	ug/l	98
95) Naphthalene	15.339	128	41539	18.305	ug/l	99
96) 1,2,3-Trichlorobenzene	15.527	180	17863	18.365	ug/l	99

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Instrument :
MSVOA_D
ClientSampleId :
VD0120SBS02

Quant Time: Jan 23 00:31:03 2023
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Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration

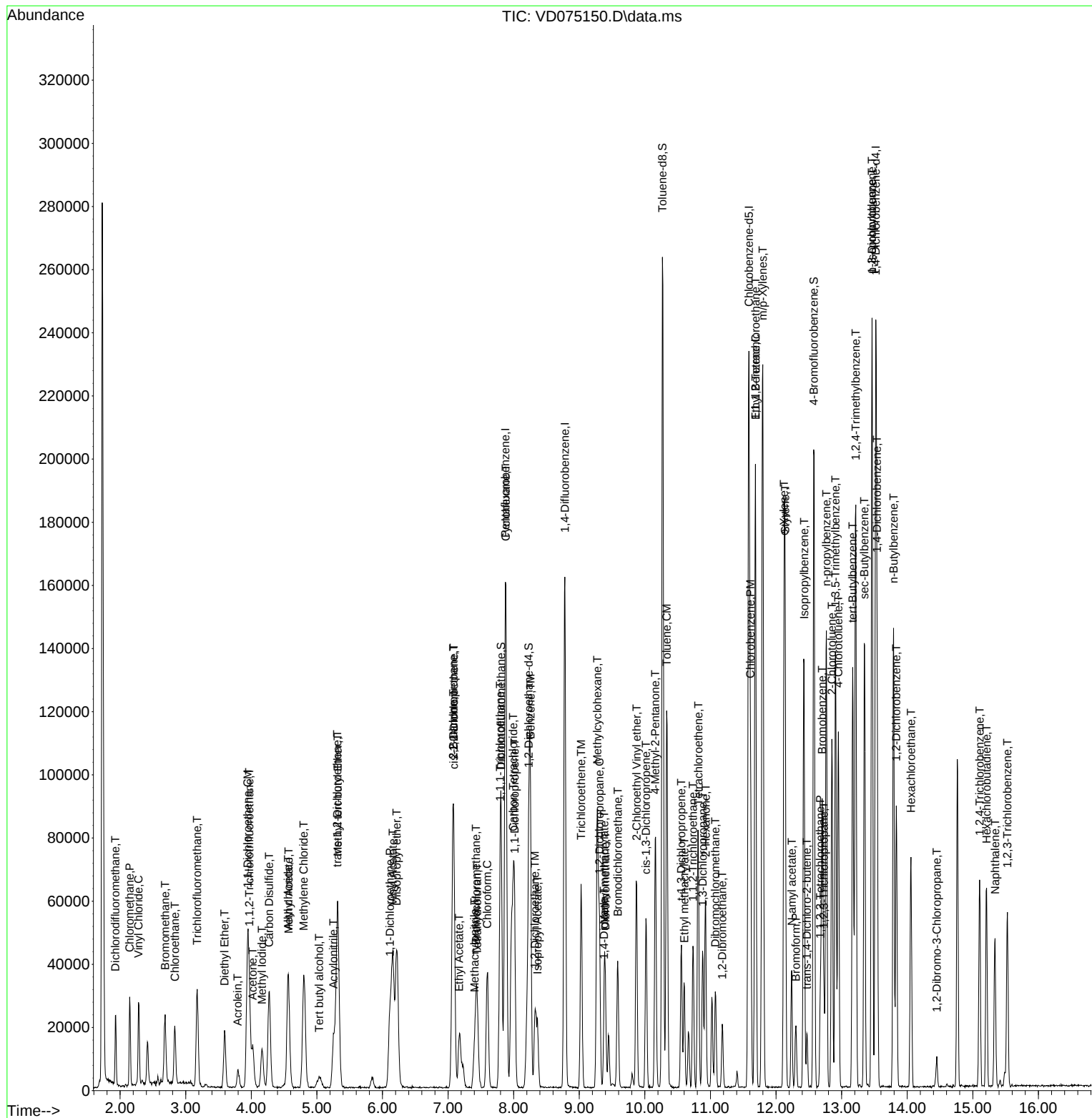
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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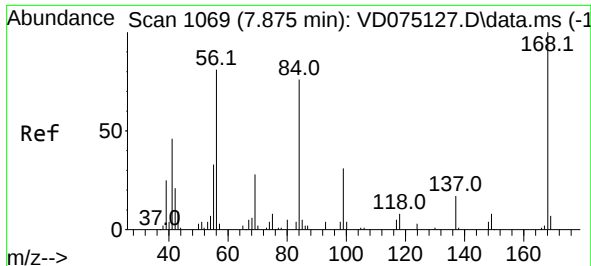
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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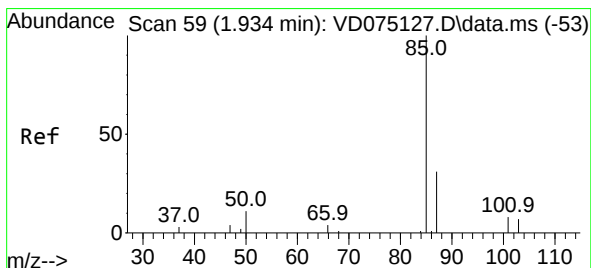
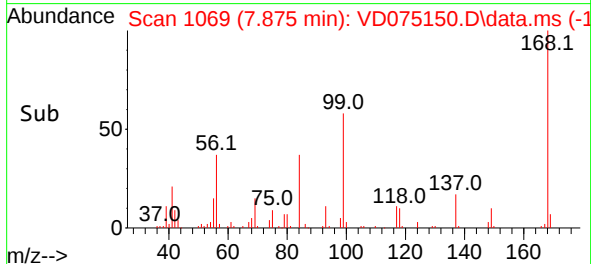
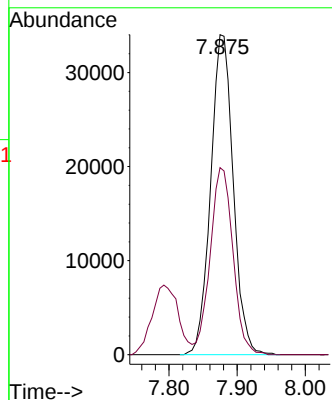
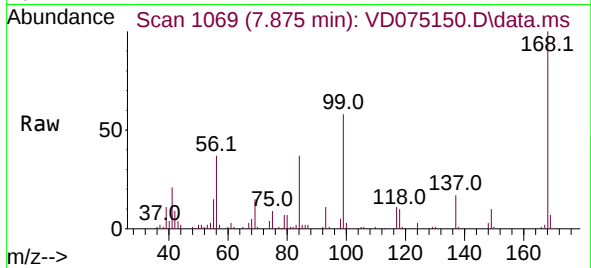




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

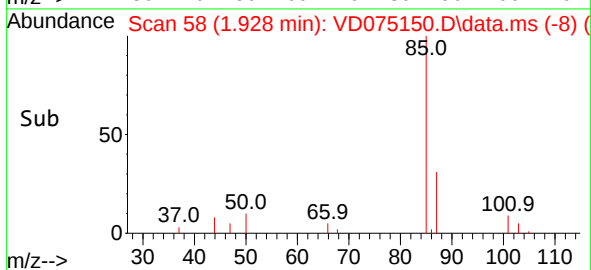
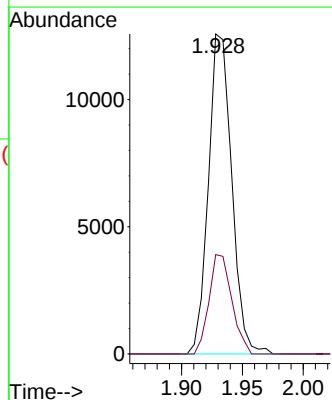
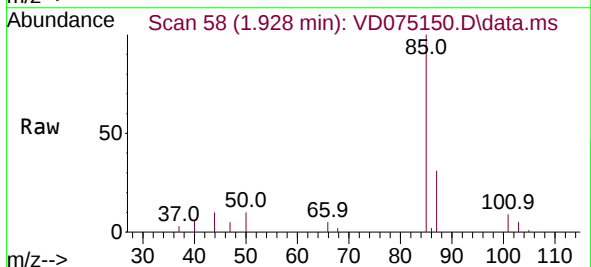
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBS02

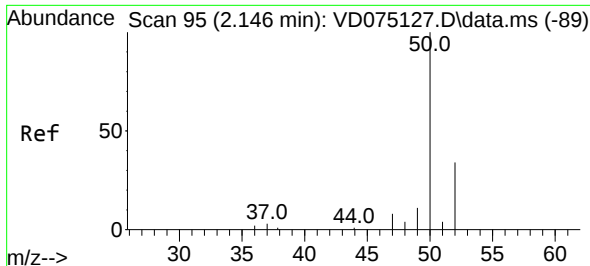
Tgt Ion:168 Resp: 78332
Ion Ratio Lower Upper
168 100
99 58.5 45.2 67.8



#2
Dichlorodifluoromethane
Concen: 25.810 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 85 Resp: 16744
Ion Ratio Lower Upper
85 100
87 31.0 15.7 47.0

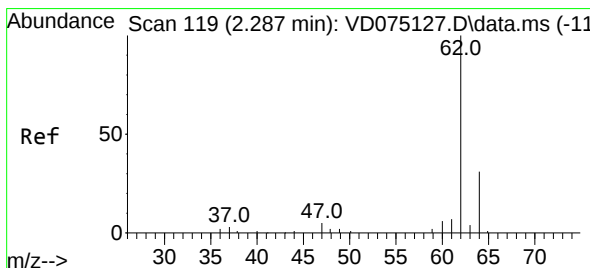
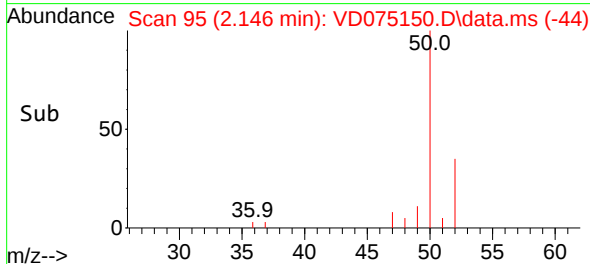
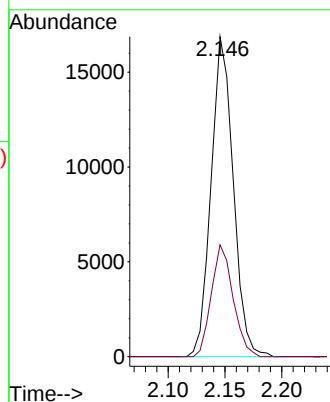
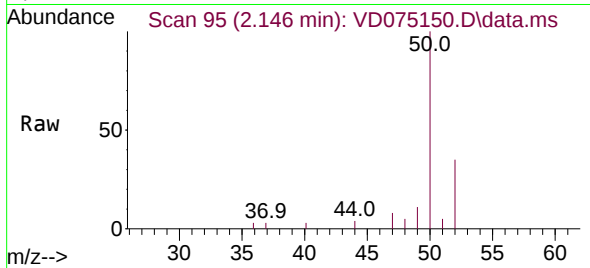




#3
Chloromethane
Concen: 22.642 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

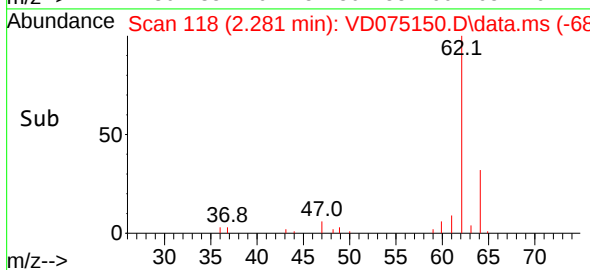
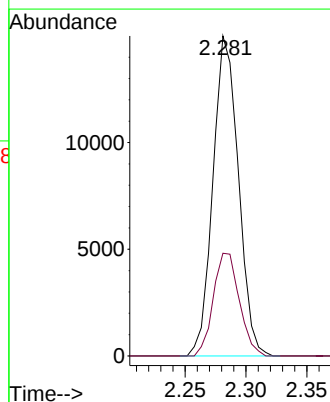
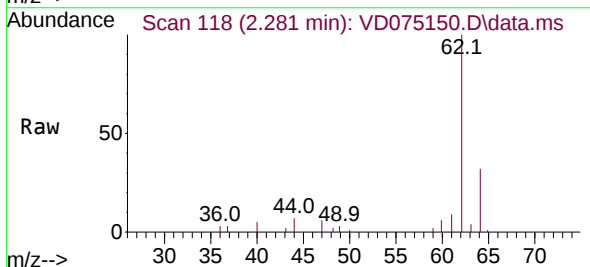
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBS02

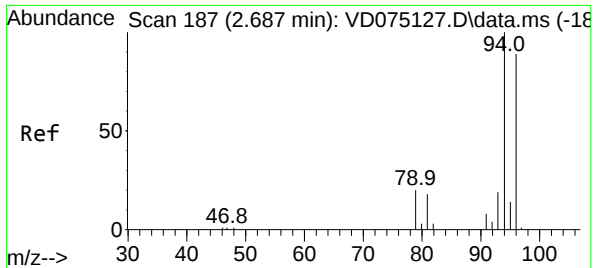
Tgt Ion: 50 Resp: 22911
Ion Ratio Lower Upper
50 100
52 34.9 27.0 40.6



#4
Vinyl Chloride
Concen: 20.065 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 62 Resp: 21786
Ion Ratio Lower Upper
62 100
64 32.1 24.8 37.2

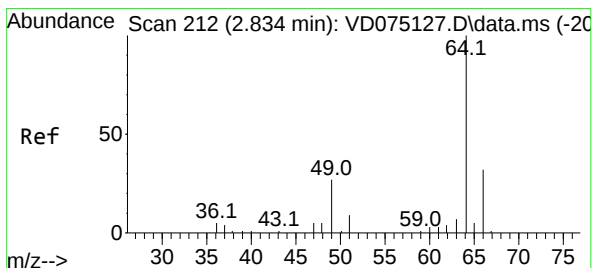
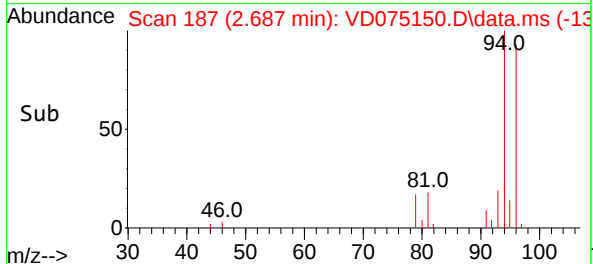
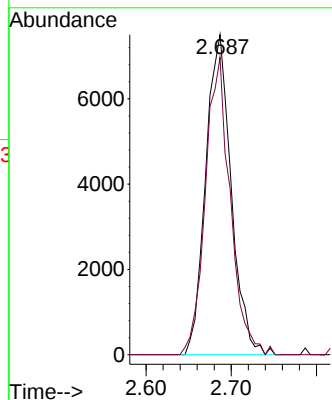
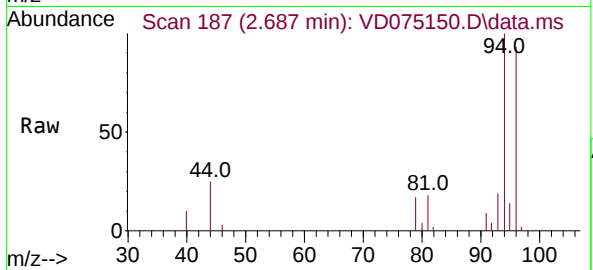




#5
Bromomethane
Concen: 21.120 ug/l
RT: 2.687 min Scan# 187
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

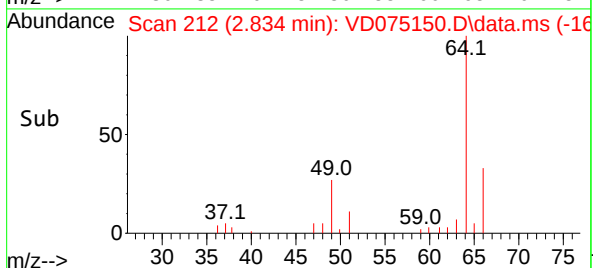
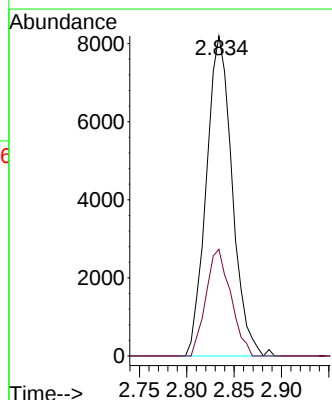
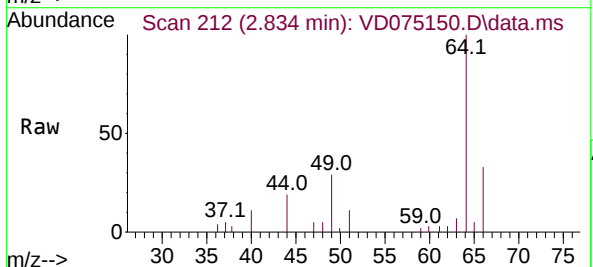
Instrument :
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VD0120SBS02

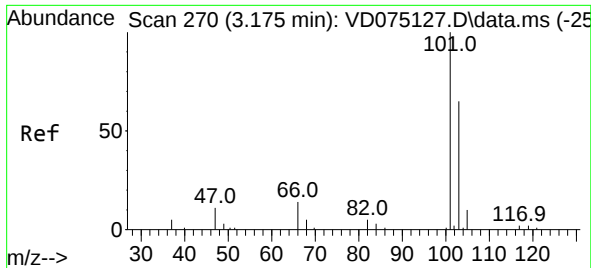
Tgt Ion: 94 Resp: 15595
Ion Ratio Lower Upper
94 100
96 90.7 74.8 112.2



#6
Chloroethane
Concen: 20.663 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 64 Resp: 15556
Ion Ratio Lower Upper
64 100
66 33.3 25.4 38.2

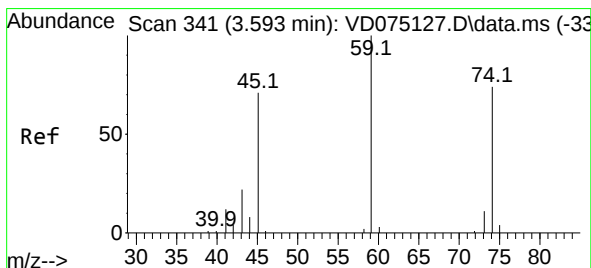
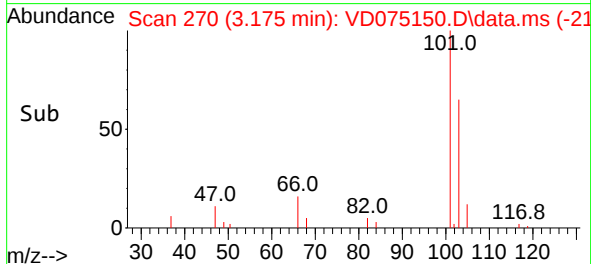
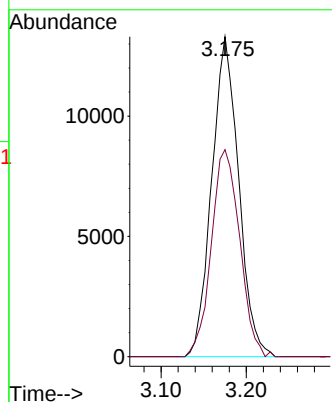
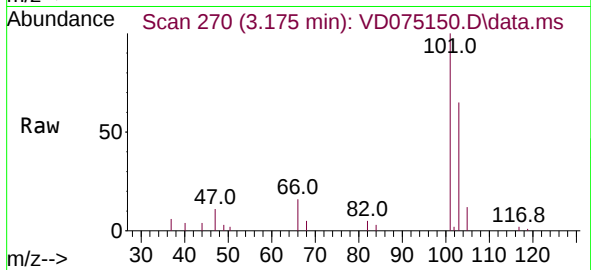




#7
 Trichlorofluoromethane
 Concen: 21.180 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD075150.D
 Acq: 20 Jan 2023 13:45

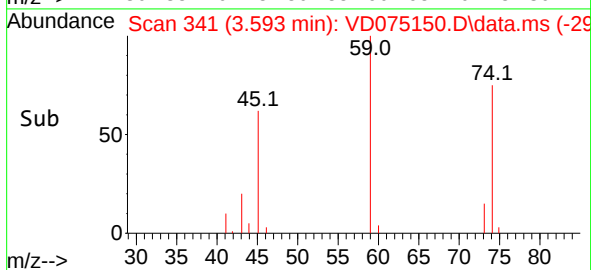
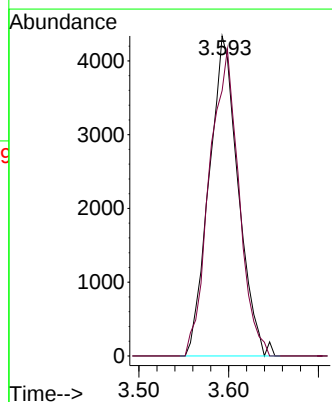
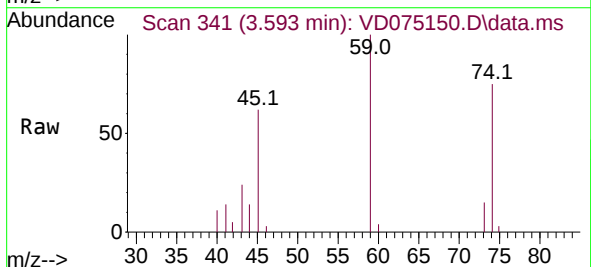
Instrument :
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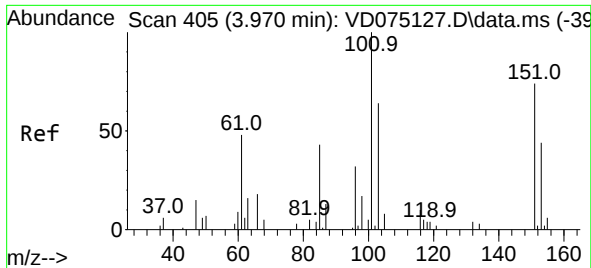
Tgt Ion:101 Resp: 29230
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.2 78.4



#8
 Diethyl Ether
 Concen: 22.021 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD075150.D
 Acq: 20 Jan 2023 13:45

Tgt Ion: 74 Resp: 9792
 Ion Ratio Lower Upper
 74 100
 45 96.6 49.8 149.3

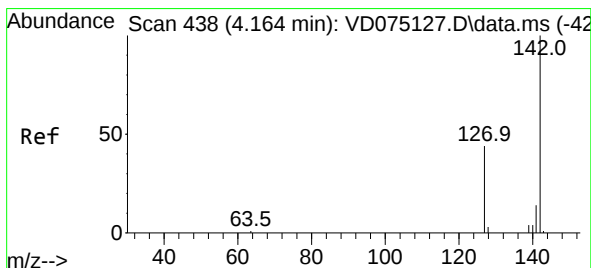
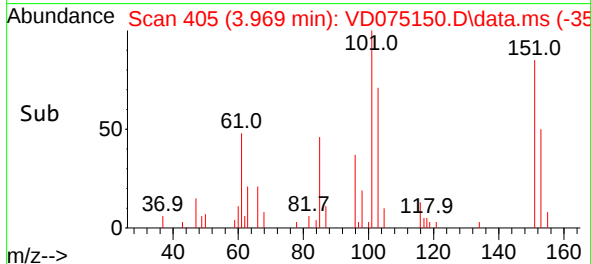
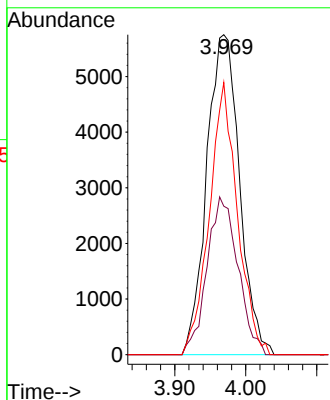
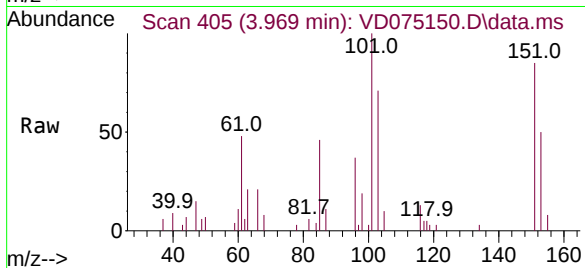




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.680 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

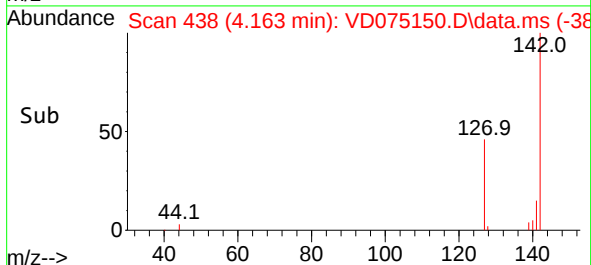
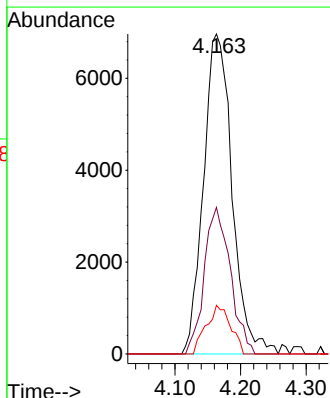
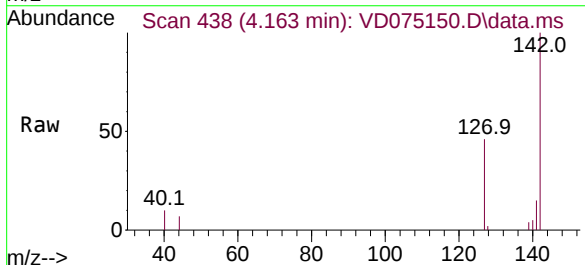
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBS02

Tgt Ion:101	Resp:	18471
Ion	Ratio	Lower Upper
101	100	
85	46.6	36.9 55.3
151	72.8	58.9 88.3



#10
Methyl Iodide
Concen: 18.412 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

Tgt Ion:142	Resp:	21116
Ion	Ratio	Lower Upper
142	100	
127	41.7	33.6 50.4
141	12.9	11.1 16.7





#11

Tert butyl alcohol

Concen: 64.111 ug/l

RT: 5.034 min Scan# 51

Delta R.T. -0.018 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

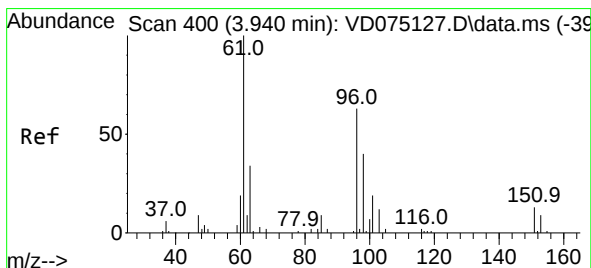
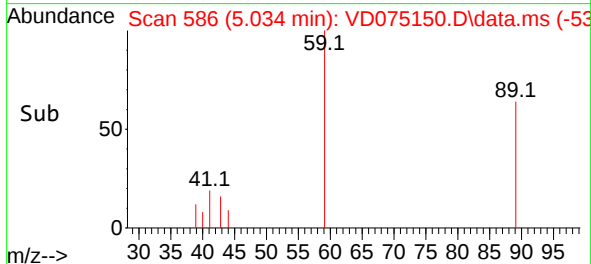
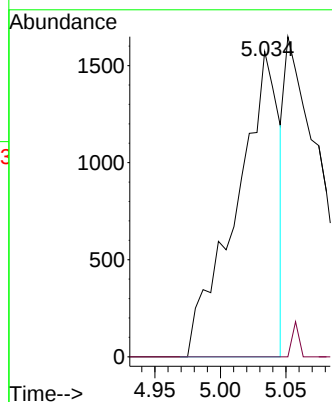
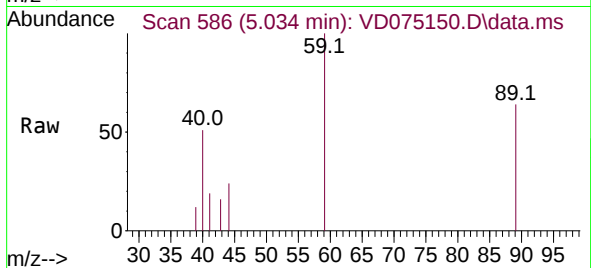
VD0120SBS02

Tgt Ion: 59 Resp: 3575

Ion Ratio Lower Upper

59 100

57 0.0 2.9 4.3#



#12

1,1-Dichloroethene

Concen: 22.456 ug/l

RT: 3.946 min Scan# 401

Delta R.T. 0.005 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

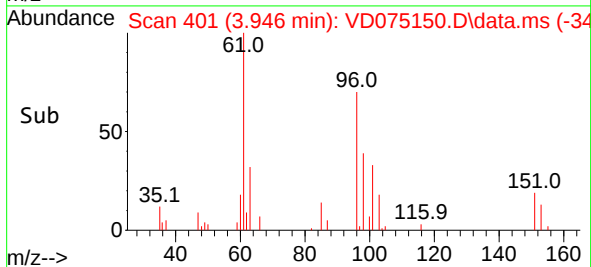
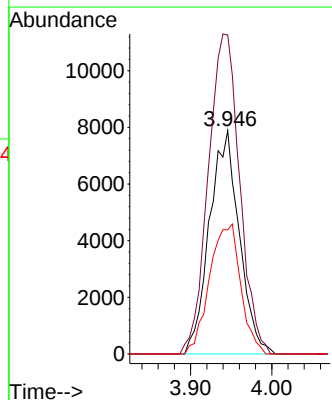
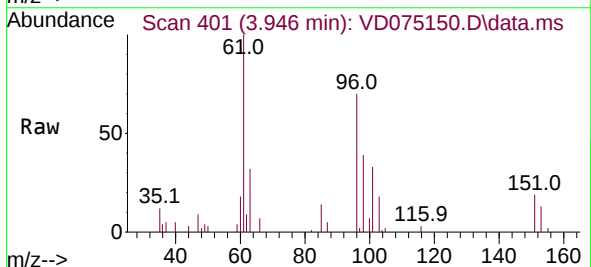
Tgt Ion: 96 Resp: 20141

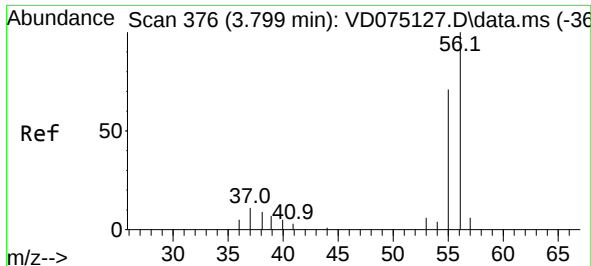
Ion Ratio Lower Upper

96 100

61 142.7 126.8 190.2

98 55.6 50.4 75.6

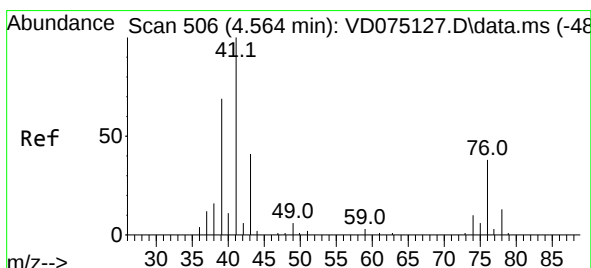
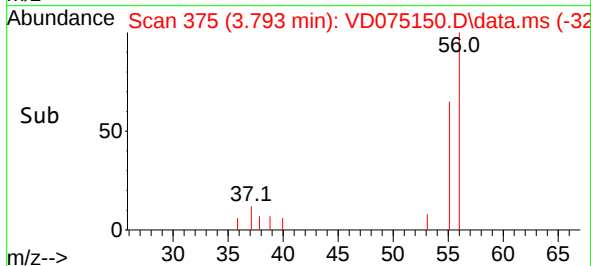
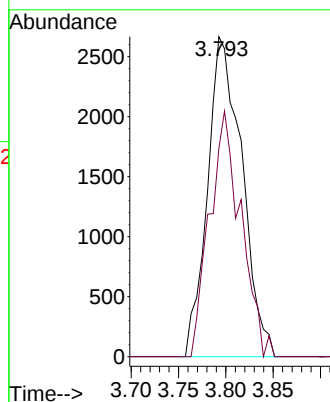
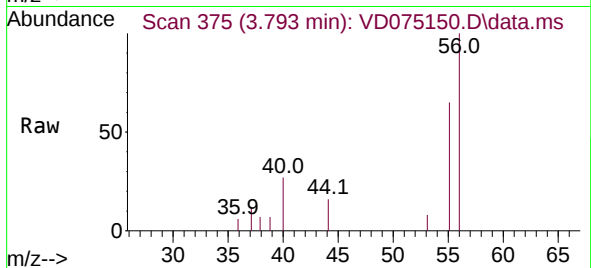




#13
Acrolein
Concen: 133.197 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

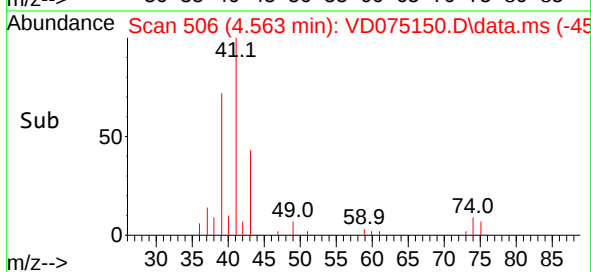
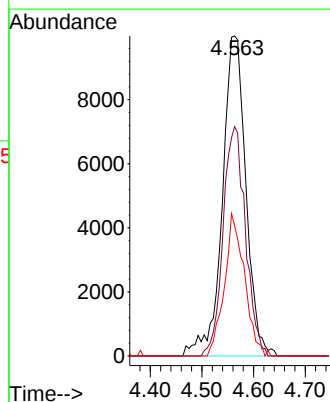
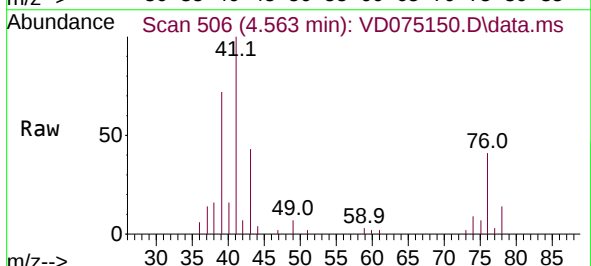
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBS02

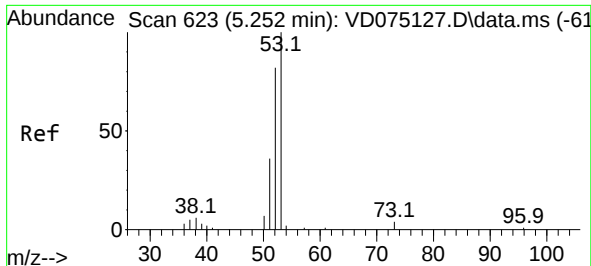
Tgt Ion: 56 Resp: 6739
Ion Ratio Lower Upper
56 100
55 69.9 53.0 79.6



#14
Allyl chloride
Concen: 21.767 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 41 Resp: 31684
Ion Ratio Lower Upper
41 100
39 67.8 55.4 83.0
76 37.9 30.2 45.2

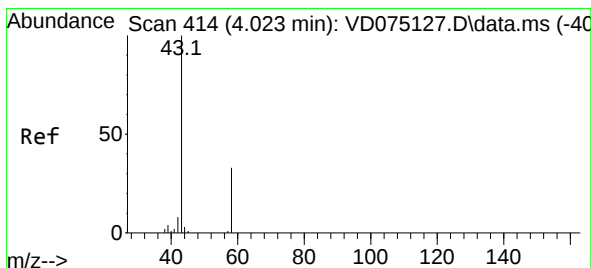
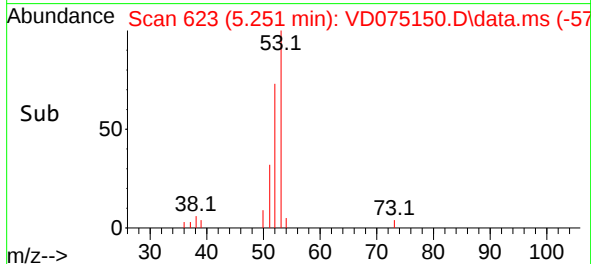
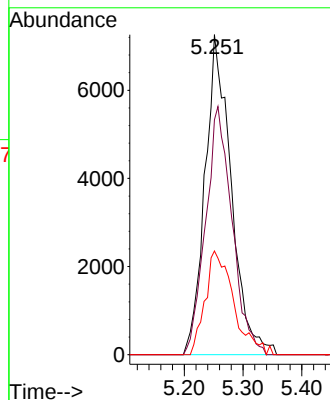
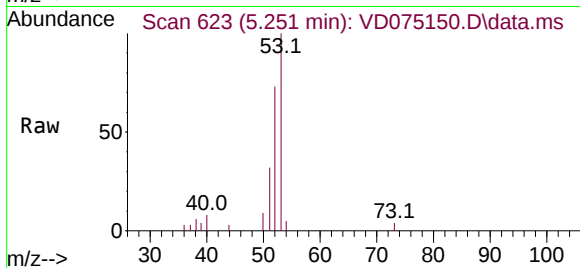




#15
Acrylonitrile
Concen: 119.392 ug/l
RT: 5.251 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

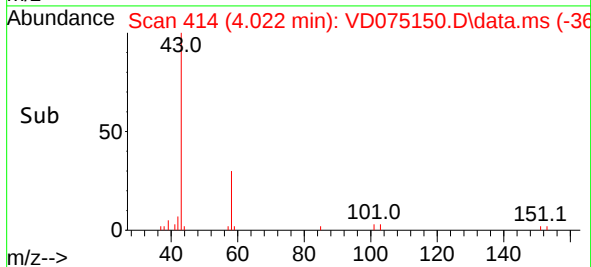
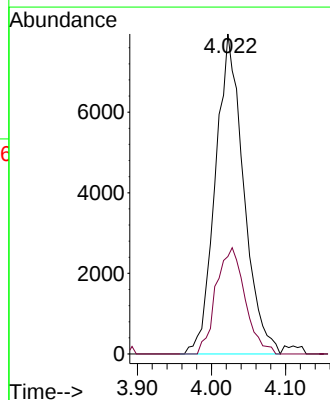
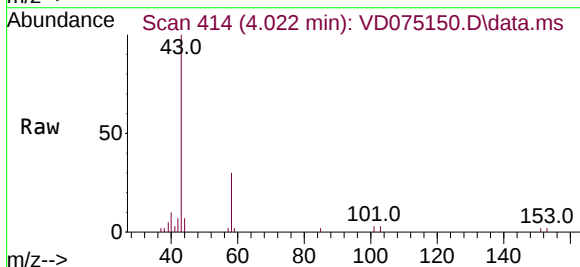
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBS02

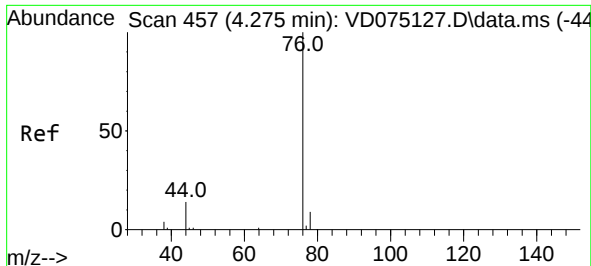
Tgt Ion:	53	Resp:	22449
Ion	Ratio	Lower	Upper
53	100		
52	78.4	67.0	100.6
51	35.3	30.1	45.1



#16
Acetone
Concen: 99.831 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

Tgt Ion:	43	Resp:	21046
Ion	Ratio	Lower	Upper
43	100		
58	30.4	26.0	39.0

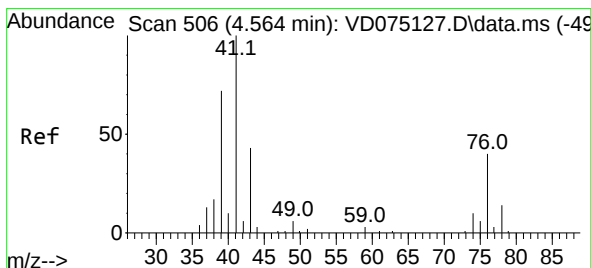
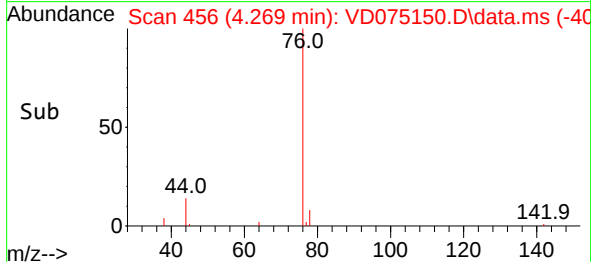
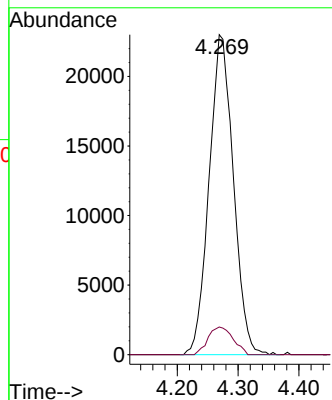
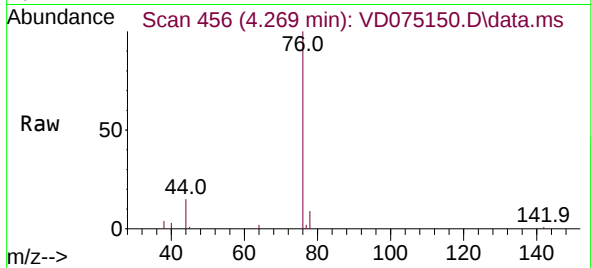




#17
Carbon Disulfide
Concen: 21.849 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

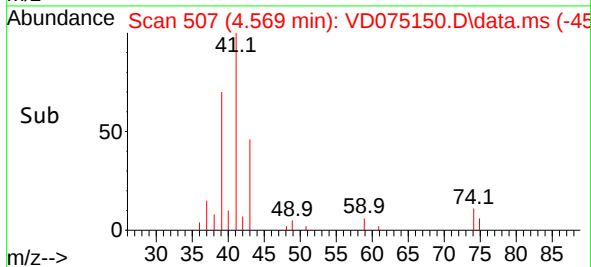
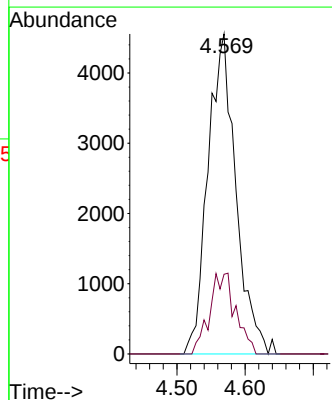
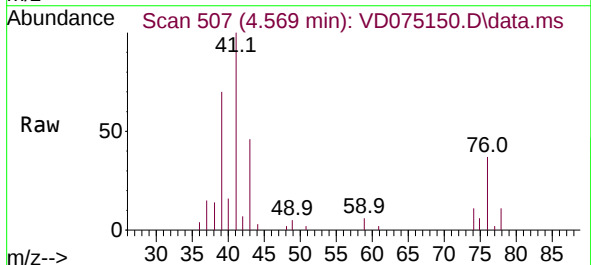
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBS02

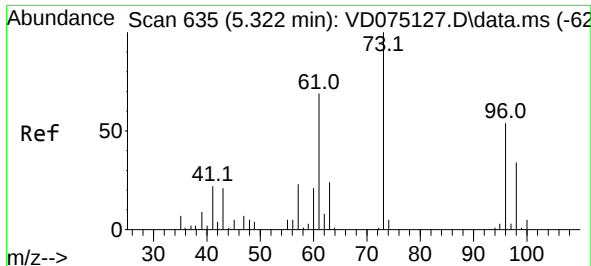
Tgt Ion: 76 Resp: 63561
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 22.763 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.005 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 43 Resp: 13044
Ion Ratio Lower Upper
43 100
74 23.5 18.5 27.7





#19

Methyl tert-butyl Ether

Concen: 21.793 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

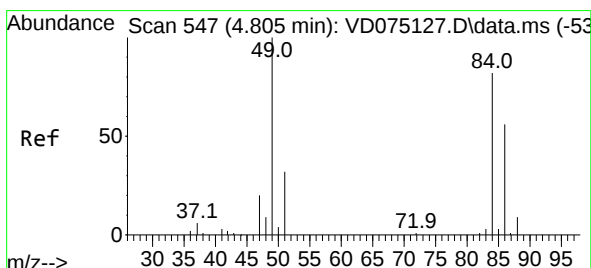
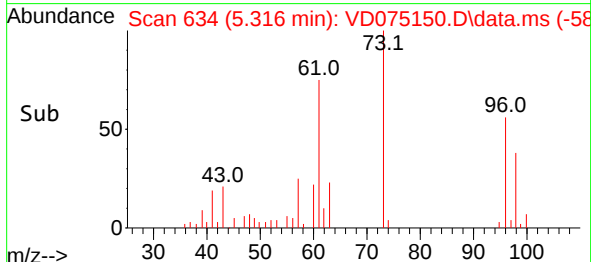
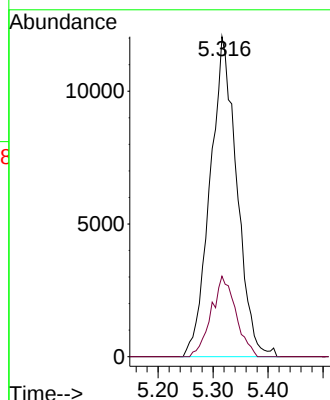
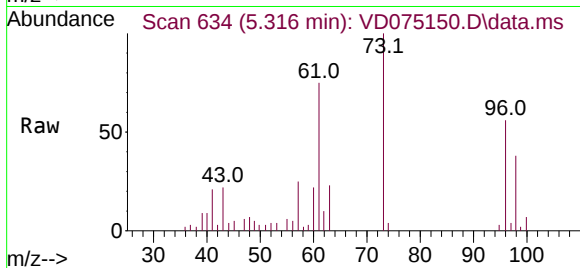
VD0120SBS02

Tgt Ion: 73 Resp: 40831

Ion Ratio Lower Upper

73 100

57 25.2 18.5 27.7



#20

Methylene Chloride

Concen: 20.105 ug/l

RT: 4.798 min Scan# 546

Delta R.T. -0.007 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

Tgt Ion: 84 Resp: 27243

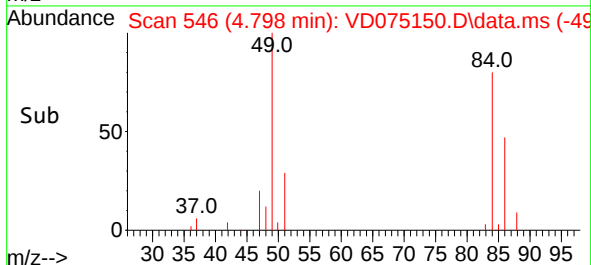
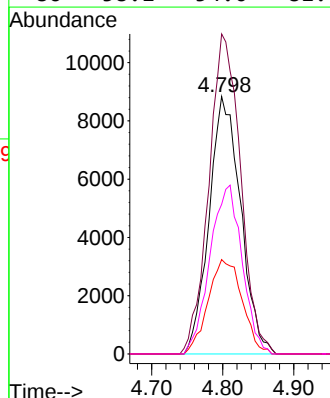
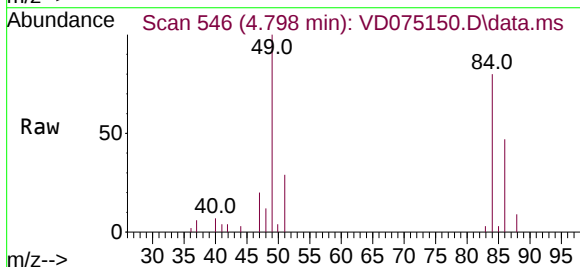
Ion Ratio Lower Upper

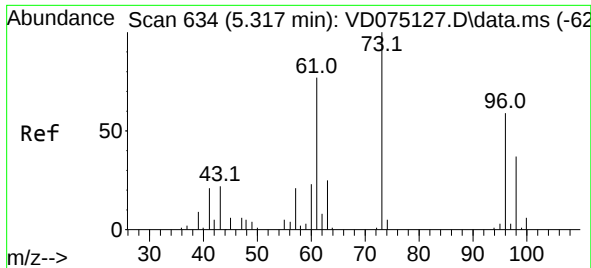
84 100

49 124.3 97.0 145.6

51 36.6 30.9 46.3

86 58.1 54.0 81.0

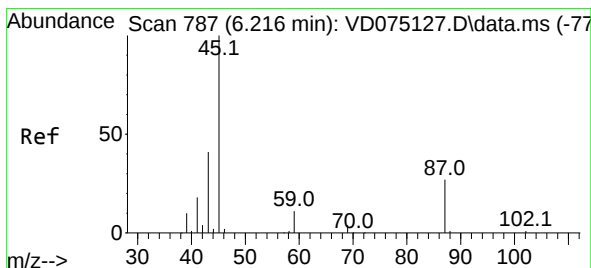
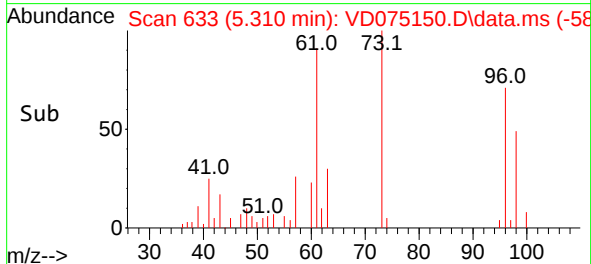
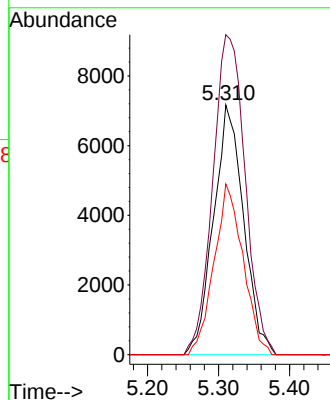
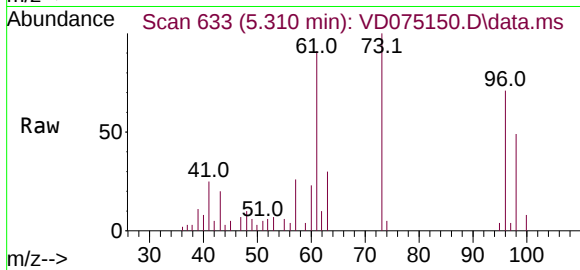




#21
trans-1,2-Dichloroethene
Concen: 21.119 ug/l
RT: 5.310 min Scan# 610
Delta R.T. -0.006 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

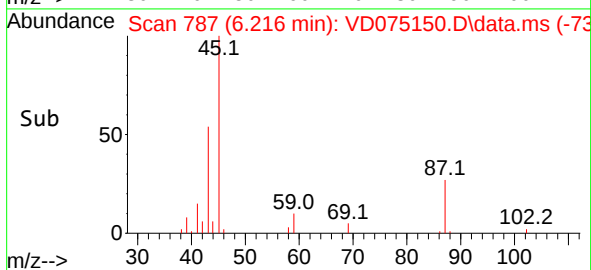
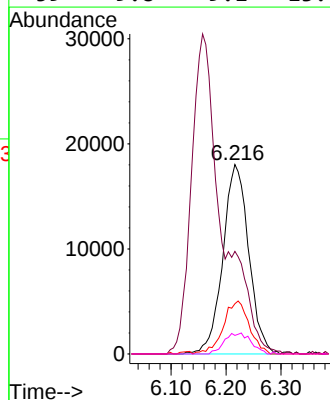
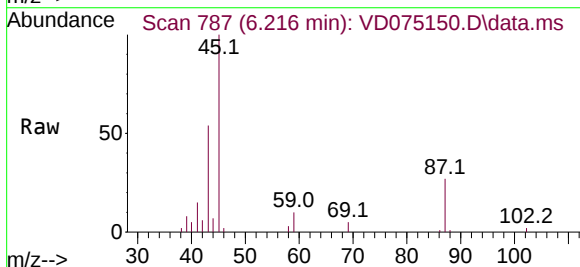
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBS02

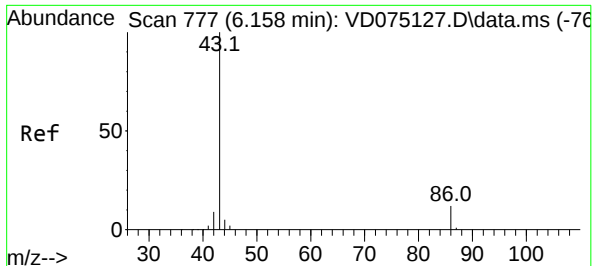
Tgt Ion:	96	Resp:	21087
Ion	Ratio	Lower	Upper
96	100		
61	128.2	105.7	158.5
98	68.4	50.4	75.6



#22
Diisopropyl ether
Concen: 21.750 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

Tgt Ion:	45	Resp:	58926
Ion	Ratio	Lower	Upper
45	100		
43	52.6	45.3	67.9
87	26.5	22.1	33.1
59	9.8	9.1	13.7

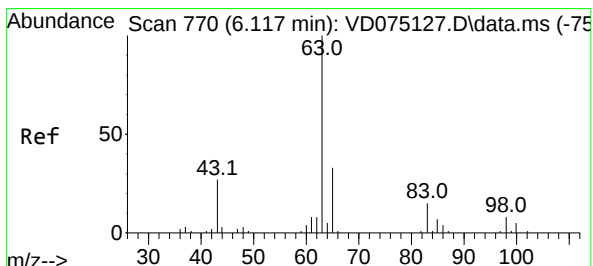
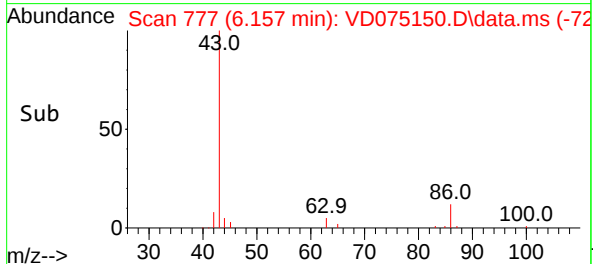
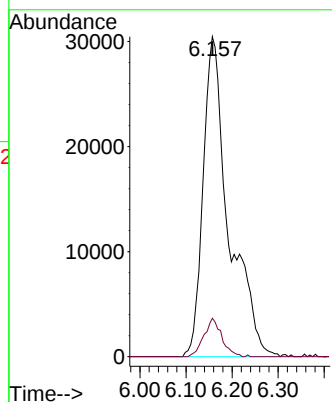
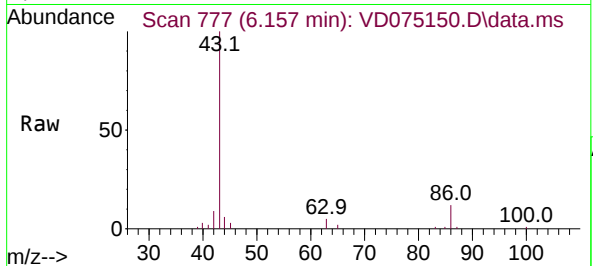




#23
 Vinyl Acetate
 Concen: 98.952 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD075150.D
 Acq: 20 Jan 2023 13:45

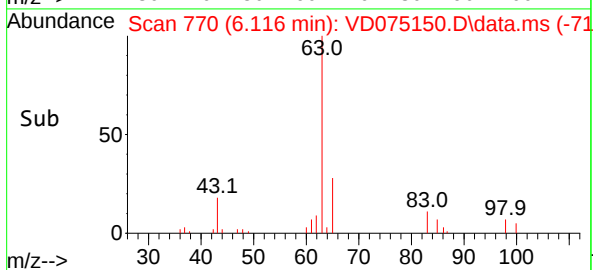
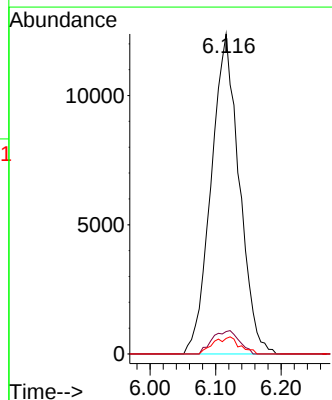
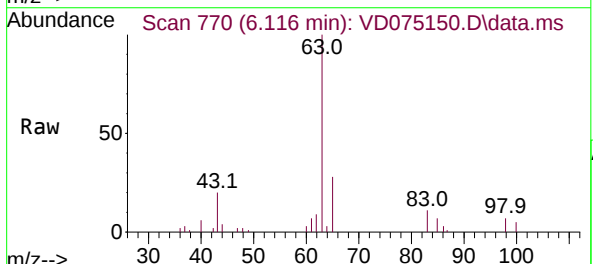
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0120SBS02

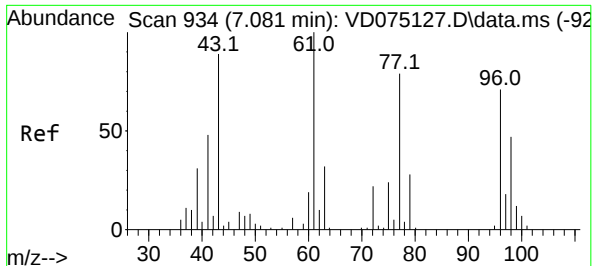
Tgt Ion: 43 Resp: 118156
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 21.629 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD075150.D
 Acq: 20 Jan 2023 13:45

Tgt Ion: 63 Resp: 36826
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 12.2
 100 4.9 2.5 7.4





#25

2-Butanone

Concen: 105.987 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

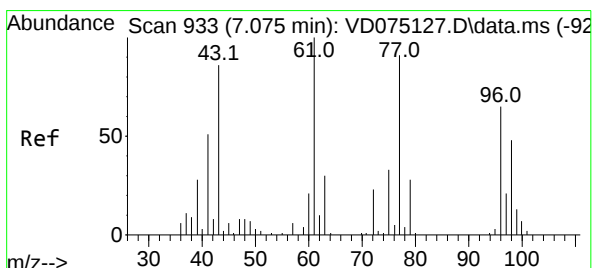
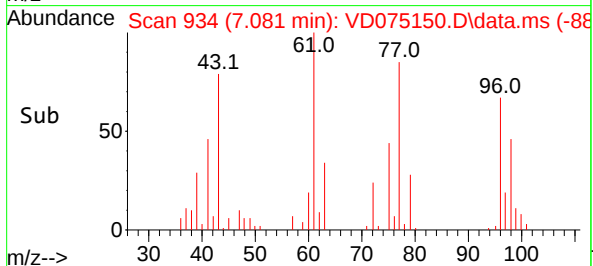
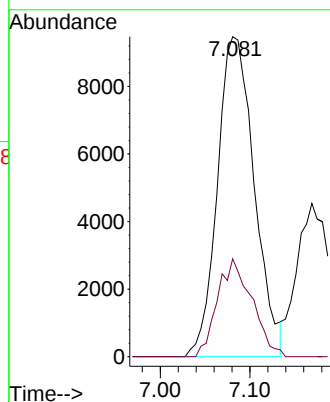
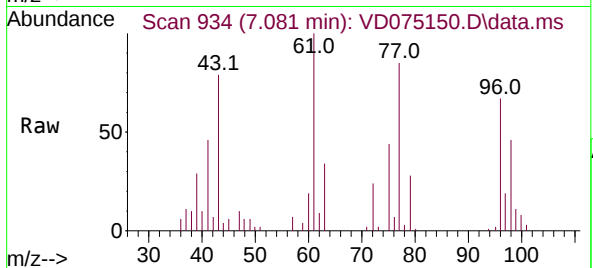
VD0120SBS02

Tgt Ion: 43 Resp: 27005

Ion Ratio Lower Upper

43 100

72 30.6 19.8 29.8#



#26

2,2-Dichloropropane

Concen: 20.312 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.005 min

Lab File: VD075150.D

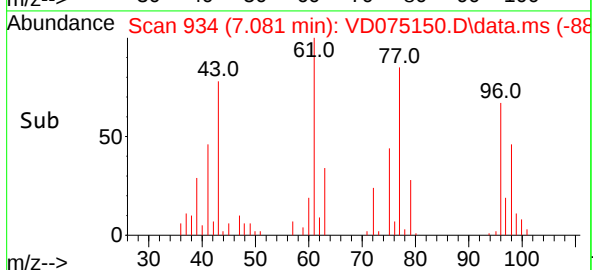
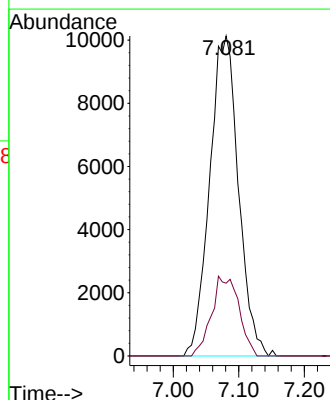
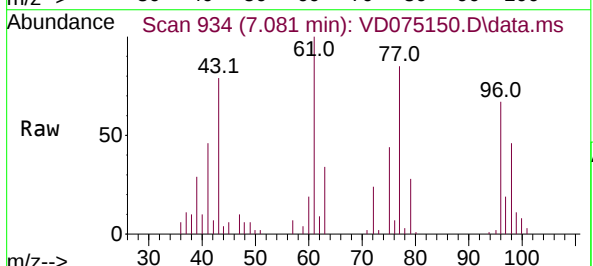
Acq: 20 Jan 2023 13:45

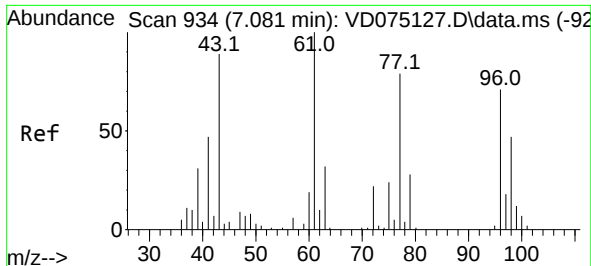
Tgt Ion: 77 Resp: 30829

Ion Ratio Lower Upper

77 100

97 23.7 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 21.583 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.005 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

VD0120SBS02

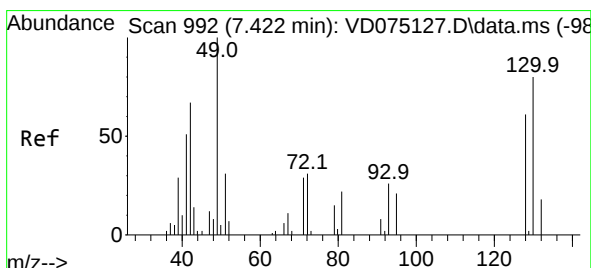
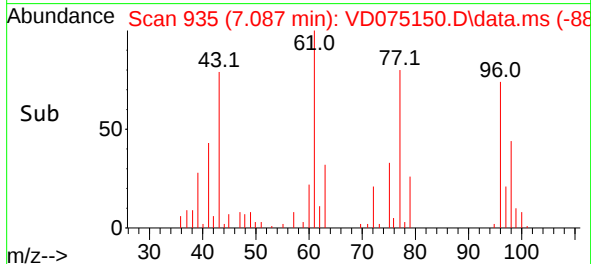
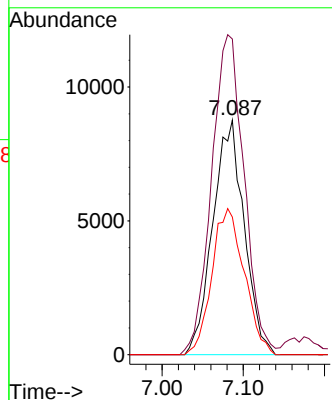
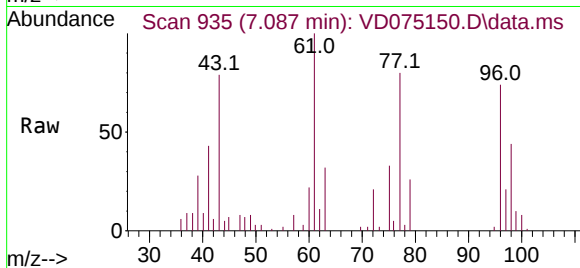
Tgt Ion: 96 Resp: 23491

Ion Ratio Lower Upper

96 100

61 142.0 0.0 287.4

98 64.5 0.0 129.8



#28

Bromochloromethane

Concen: 24.057 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.005 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

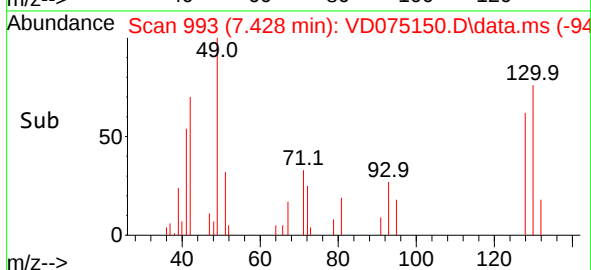
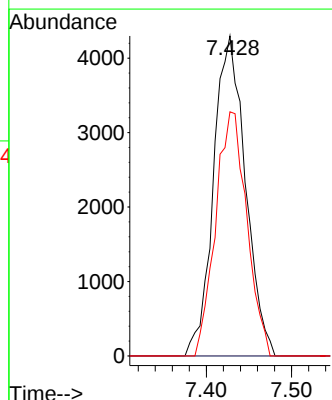
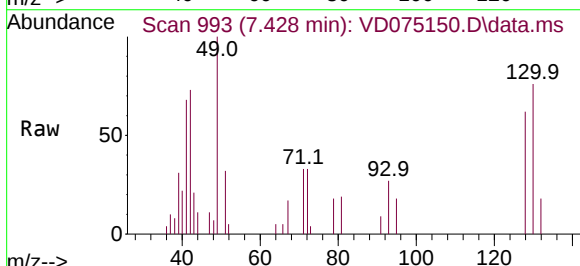
Tgt Ion: 49 Resp: 11183

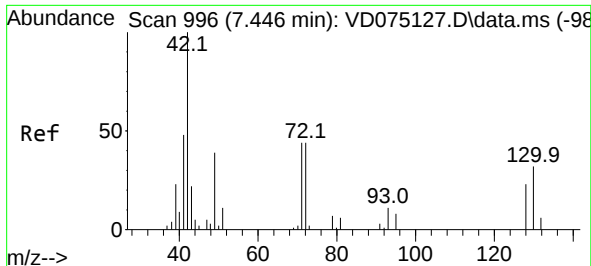
Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.6

130 74.5 63.6 95.4





#29

Tetrahydrofuran

Concen: 103.134 ug/l

RT: 7.445 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

VD0120SBS02

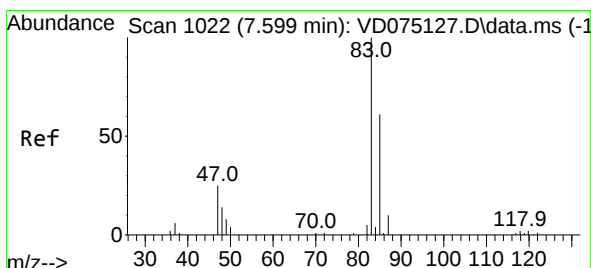
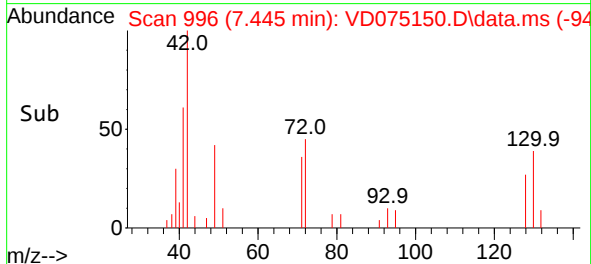
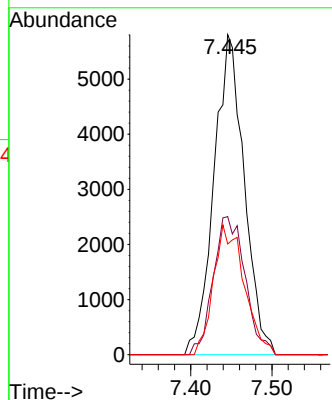
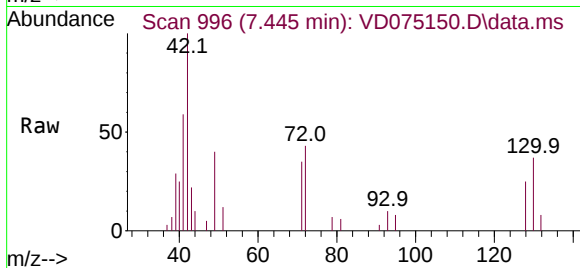
Tgt Ion: 42 Resp: 14988

Ion Ratio Lower Upper

42 100

72 45.6 33.8 50.8

71 41.2 31.6 47.4



#30

Chloroform

Concen: 21.540 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075150.D

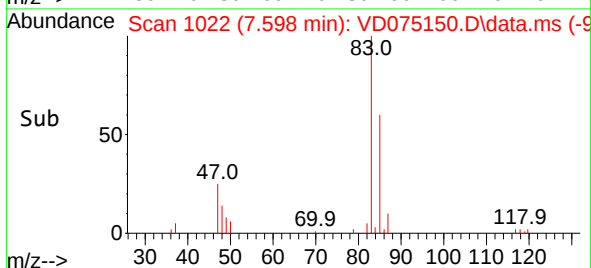
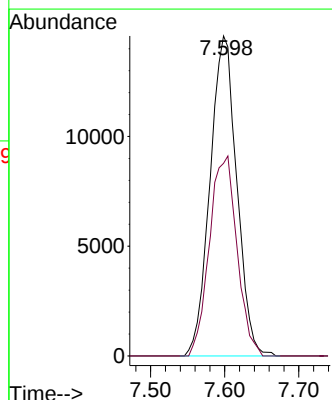
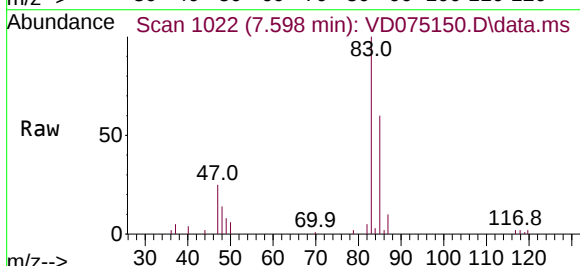
Acq: 20 Jan 2023 13:45

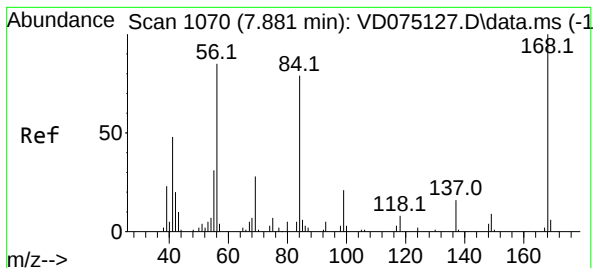
Tgt Ion: 83 Resp: 36571

Ion Ratio Lower Upper

83 100

85 60.2 48.5 72.7





#31

Cyclohexane

Concen: 21.718 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

VD0120SBS02

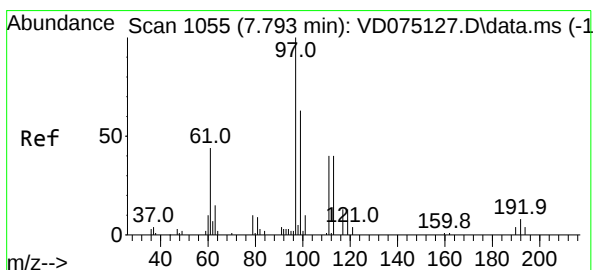
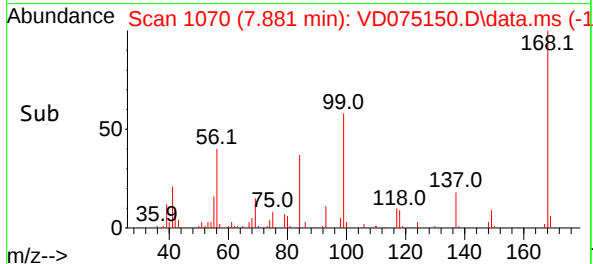
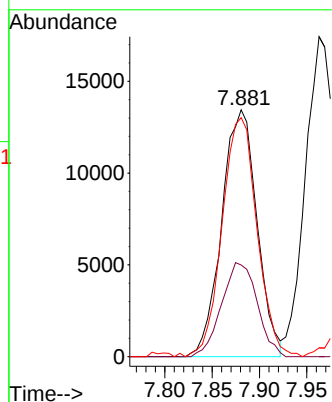
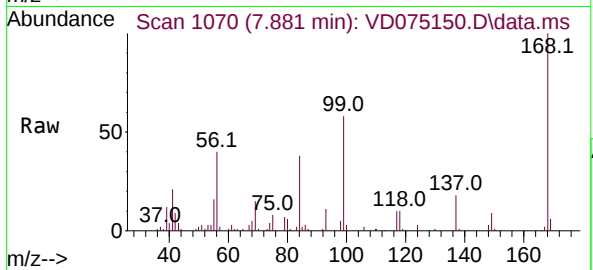
Tgt Ion: 56 Resp: 34816

Ion Ratio Lower Upper

56 100

69 37.2 26.6 40.0

84 95.4 74.1 111.1



#32

1,1,1-Trichloroethane

Concen: 20.787 ug/l

RT: 7.792 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

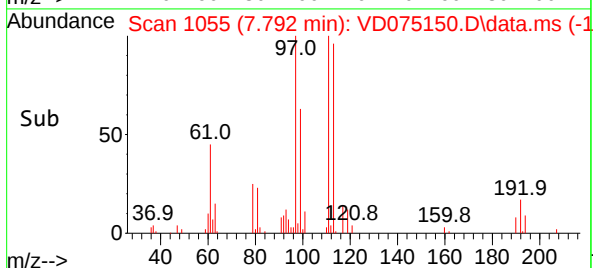
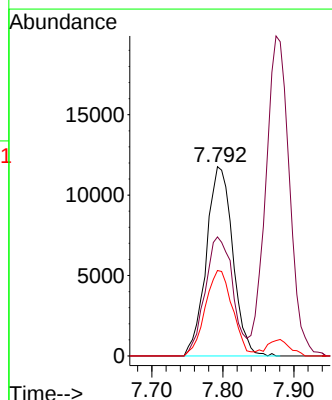
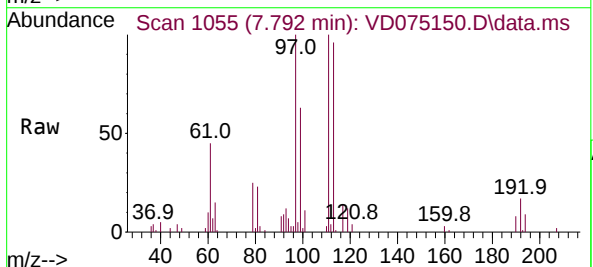
Tgt Ion: 97 Resp: 30406

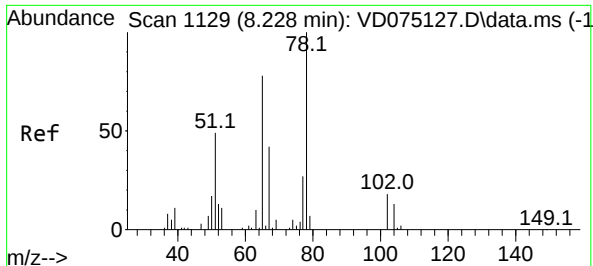
Ion Ratio Lower Upper

97 100

99 65.9 51.7 77.5

61 46.3 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 56.095 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

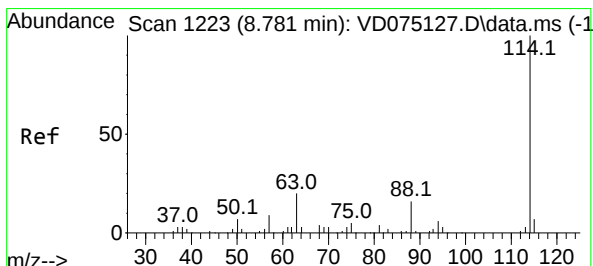
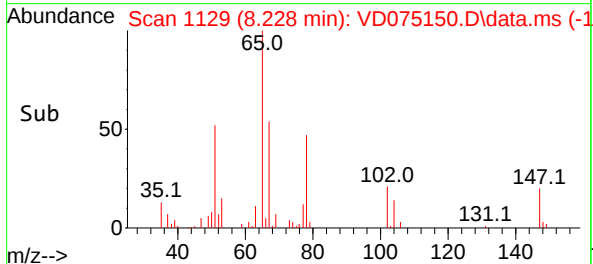
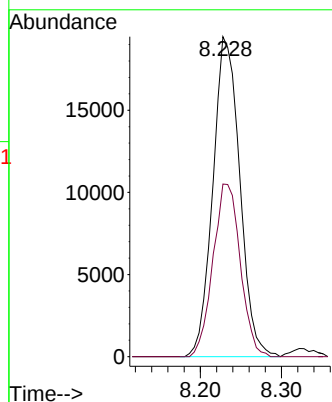
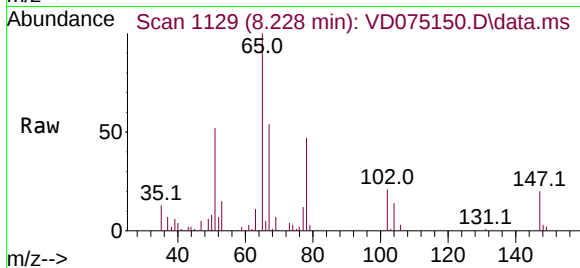
VD0120SBS02

Tgt Ion: 65 Resp: 44838

Ion Ratio Lower Upper

65 100

67 54.8 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: VD075150.D

Acq: 20 Jan 2023 13:45

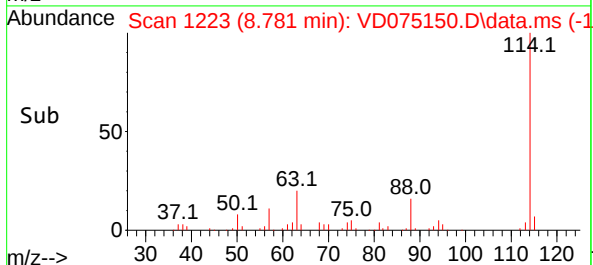
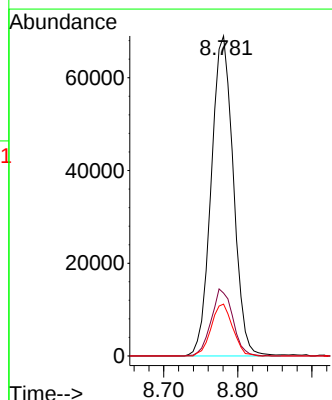
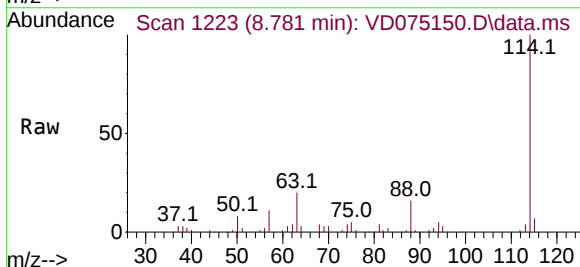
Tgt Ion: 114 Resp: 142964

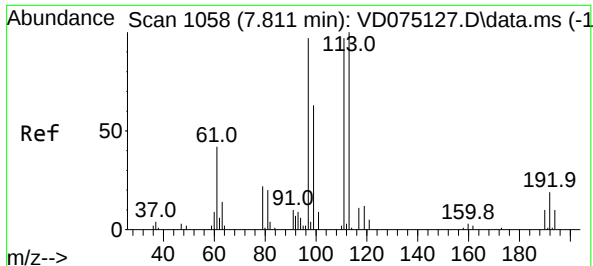
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

88 16.2 0.0 32.2





#35

Dibromofluoromethane

Concen: 53.013 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

VD0120SBS02

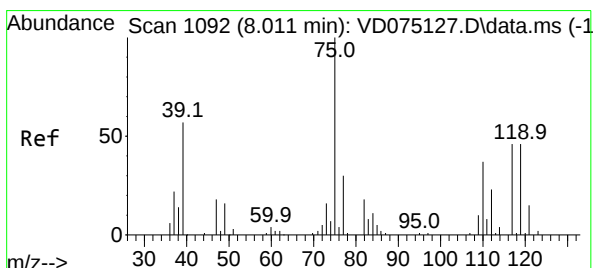
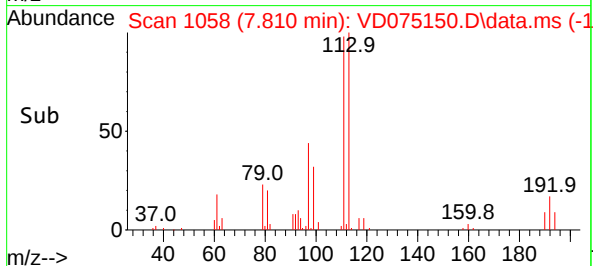
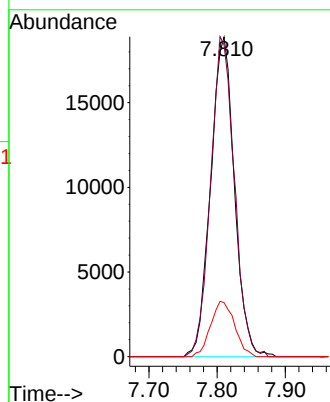
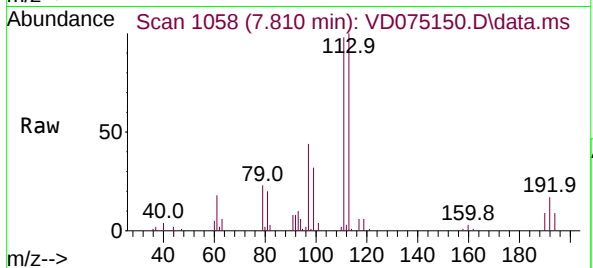
Tgt Ion:113 Resp: 45797

Ion Ratio Lower Upper

113 100

111 99.9 80.1 120.1

192 17.5 15.4 23.0



#36

1,1-Dichloropropene

Concen: 20.972 ug/l

RT: 8.016 min Scan# 1093

Delta R.T. 0.005 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

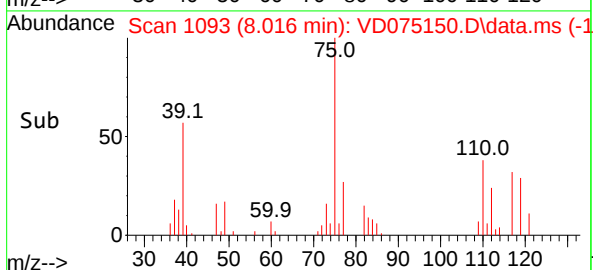
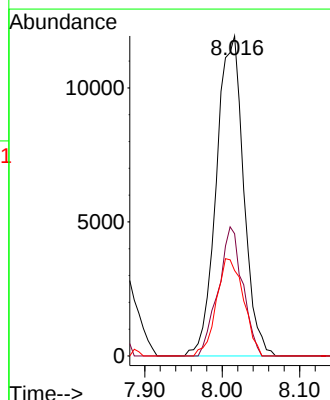
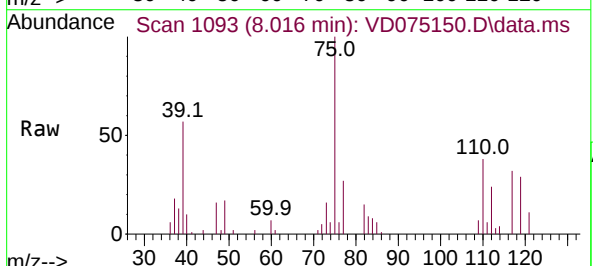
Tgt Ion: 75 Resp: 29109

Ion Ratio Lower Upper

75 100

110 36.2 18.1 54.4

77 30.4 25.1 37.7





#37

Ethyl Acetate

Concen: 20.272 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

VD0120SBS02

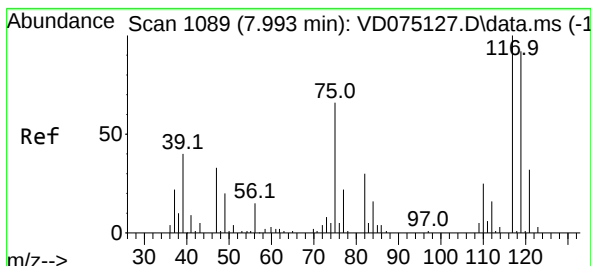
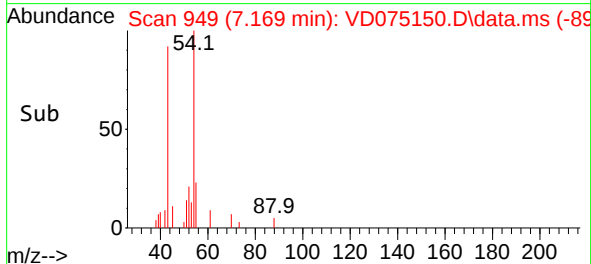
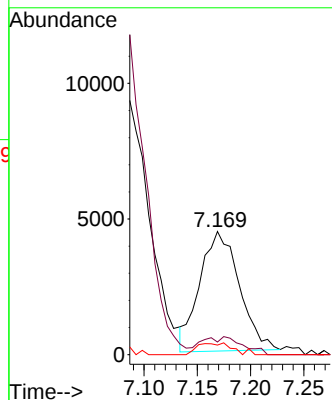
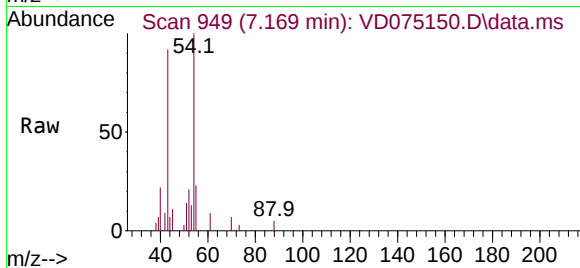
Tgt Ion: 43 Resp: 11336

Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

70 8.7 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 20.020 ug/l

RT: 7.992 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

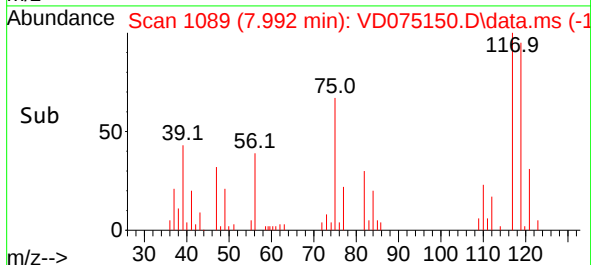
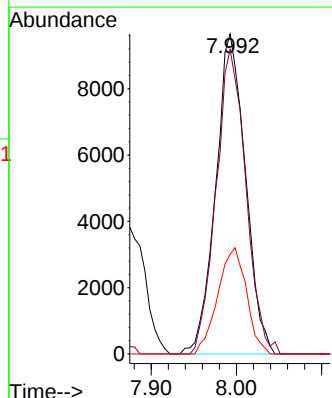
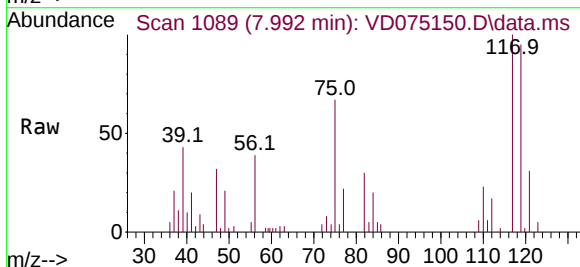
Tgt Ion: 117 Resp: 23397

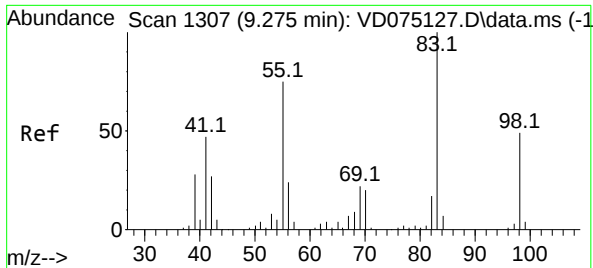
Ion Ratio Lower Upper

117 100

119 95.1 73.6 110.4

121 31.1 25.4 38.0





#39

Methylcyclohexane

Concen: 21.041 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

VD0120SBS02

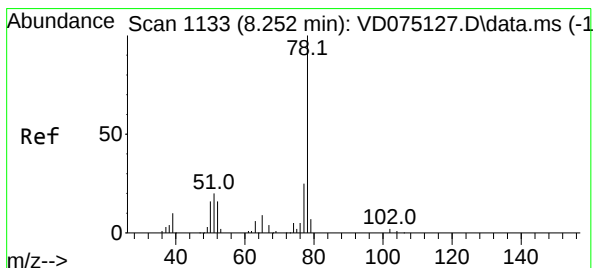
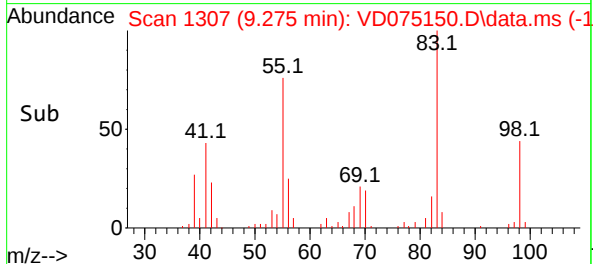
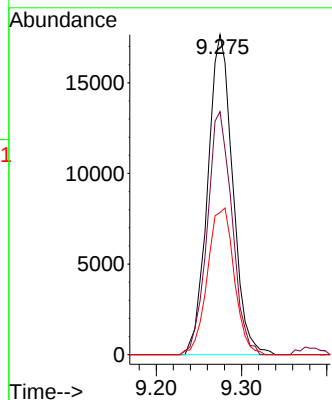
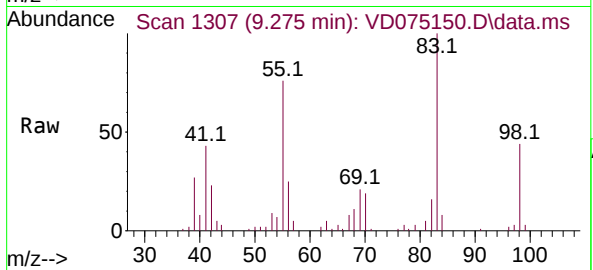
Tgt Ion: 83 Resp: 35990

Ion Ratio Lower Upper

83 100

55 75.9 60.0 90.0

98 44.4 39.0 58.4



#40

Benzene

Concen: 21.387 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.005 min

Lab File: VD075150.D

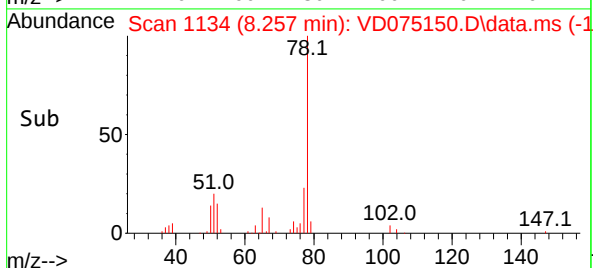
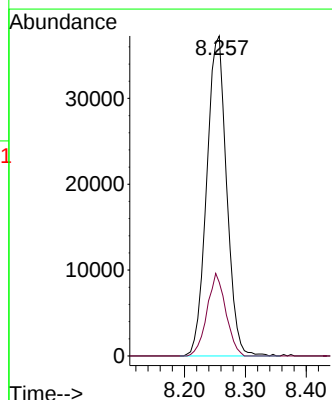
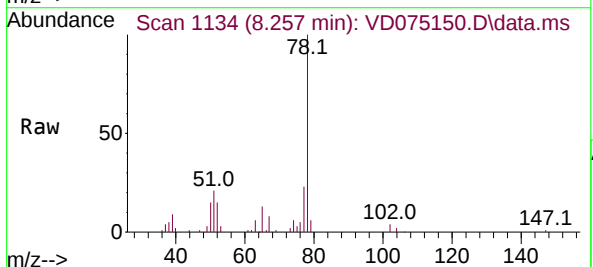
Acq: 20 Jan 2023 13:45

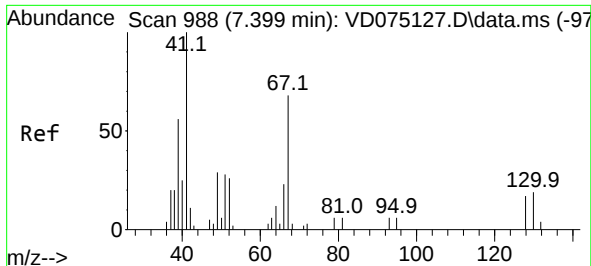
Tgt Ion: 78 Resp: 84656

Ion Ratio Lower Upper

78 100

77 23.0 19.8 29.6



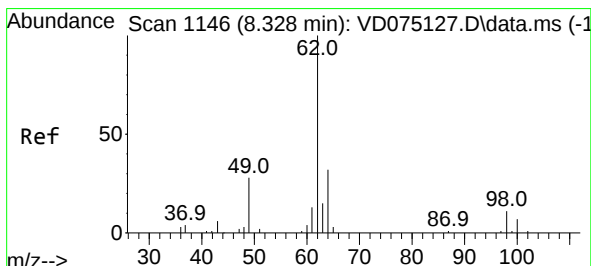
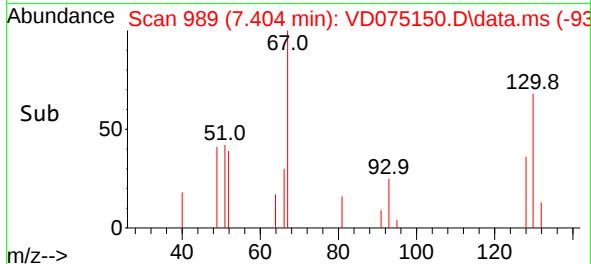
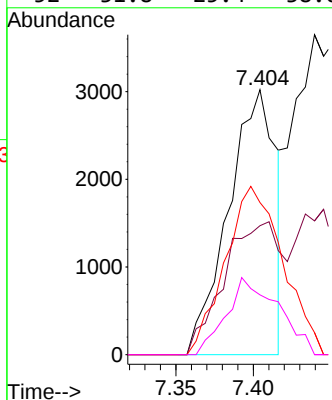
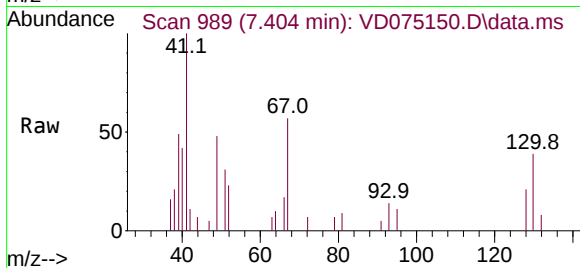


#41
Methacrylonitrile
Concen: 19.080 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

Instrument :
MSVOA_D
ClientSampleId :
VD0120SBS02

Tgt Ion: 41 Resp: 6420

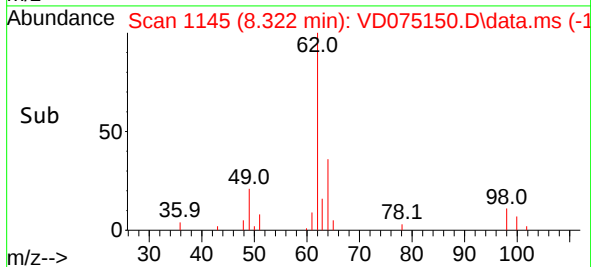
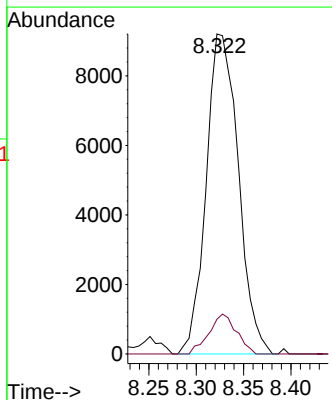
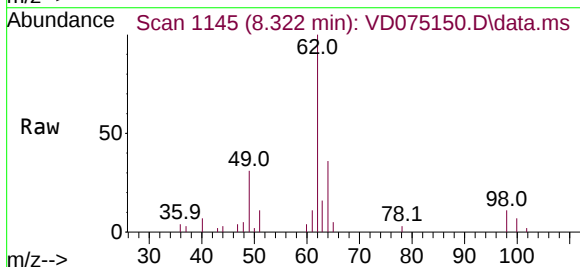
Ion	Ratio	Lower	Upper
41	100		
39	62.3	57.8	86.6
67	77.3	60.5	90.7
52	31.8	25.4	38.0

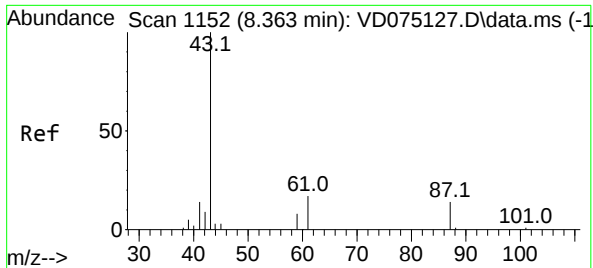


#42
1,2-Dichloroethane
Concen: 20.936 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 62 Resp: 21768

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	19.2

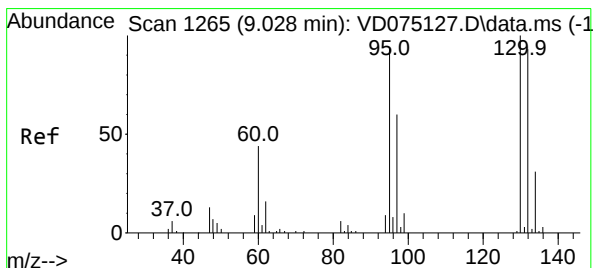
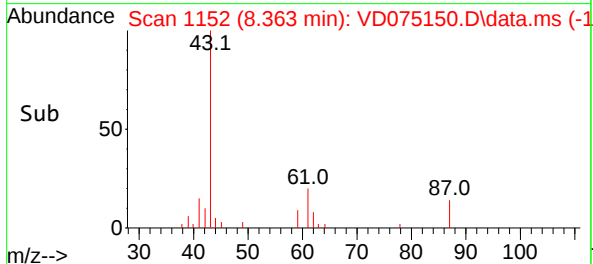
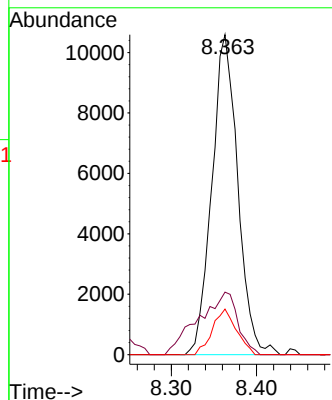
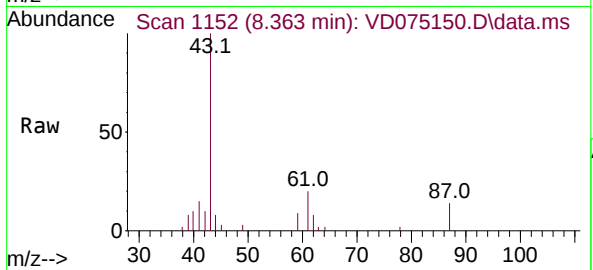




#43
Isopropyl Acetate
Concen: 20.551 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

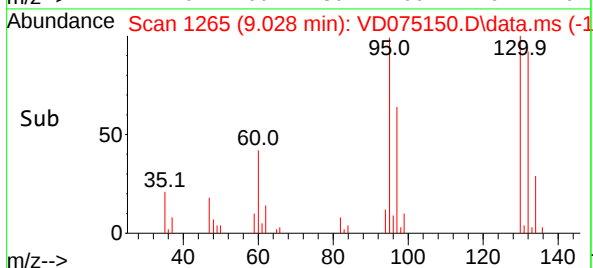
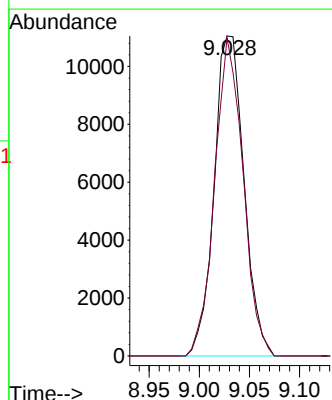
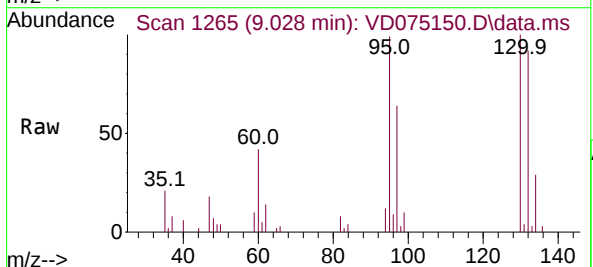
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBS02

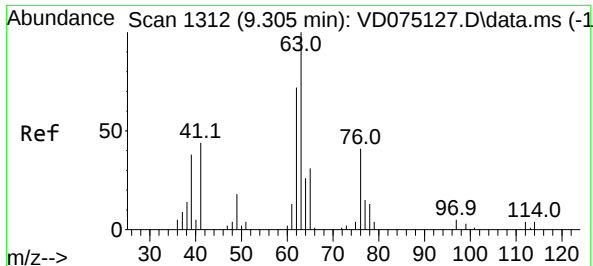
Tgt Ion:	43	Resp:	22364
Ion	Ratio	Lower	Upper
43	100		
61	29.7	25.0	37.6
87	13.2	10.6	16.0



#44
Trichloroethene
Concen: 20.552 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

Tgt Ion:	130	Resp:	22876
Ion	Ratio	Lower	Upper
130	100		
95	99.4	0.0	188.6





#45

1,2-Dichloropropane

Concen: 20.680 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

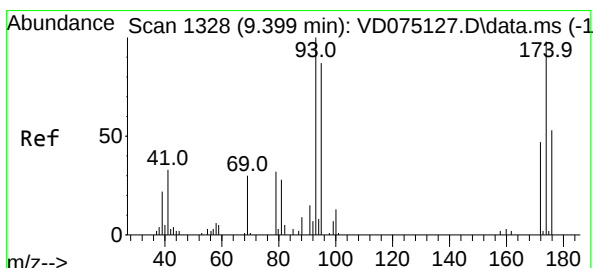
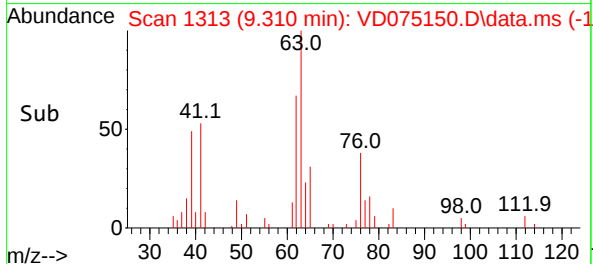
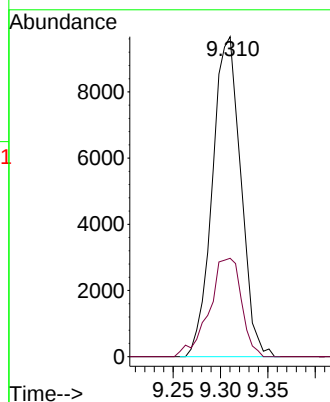
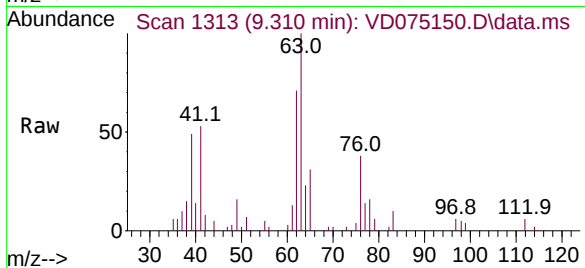
VD0120SBS02

Tgt Ion: 63 Resp: 20164

Ion Ratio Lower Upper

63 100

65 30.8 25.1 37.7



#46

Dibromomethane

Concen: 21.648 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

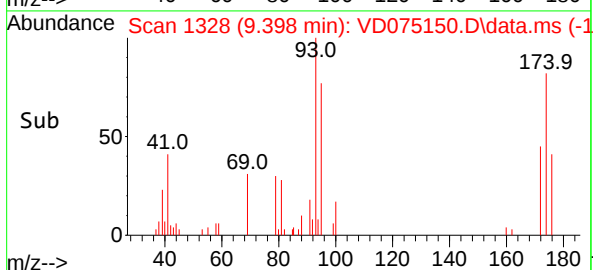
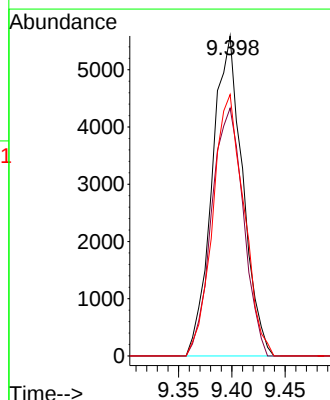
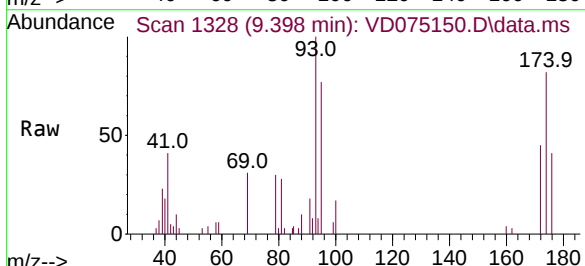
Tgt Ion: 93 Resp: 11132

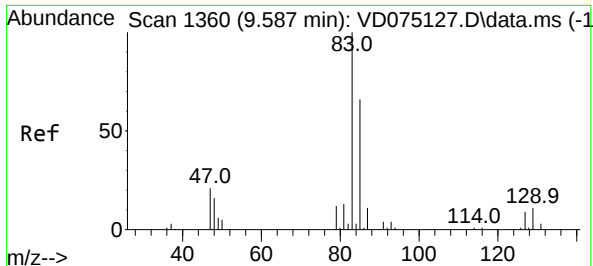
Ion Ratio Lower Upper

93 100

95 80.6 68.3 102.5

174 83.4 77.4 116.0





#47

Bromodichloromethane

Concen: 20.355 ug/l

RT: 9.586 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

VD0120SBS02

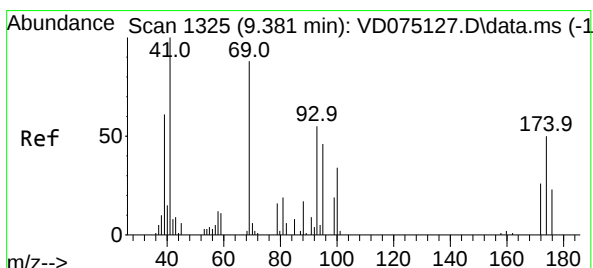
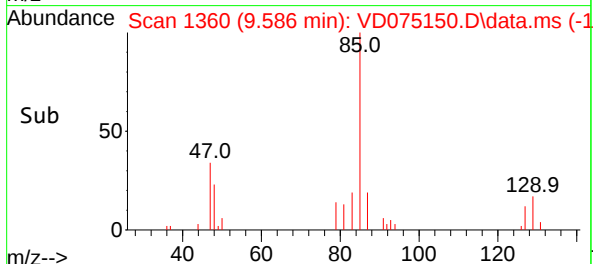
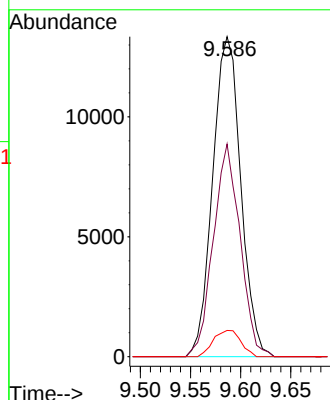
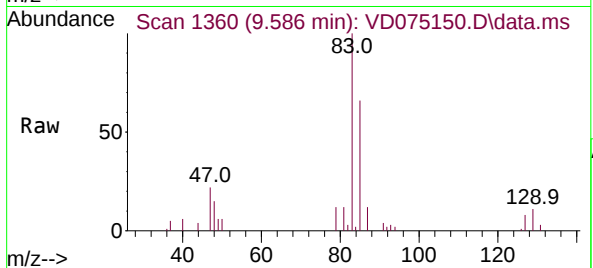
Tgt Ion: 83 Resp: 25968

Ion Ratio Lower Upper

83 100

85 66.4 53.0 79.4

127 8.2 7.0 10.4



#48

Methyl methacrylate

Concen: 21.408 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

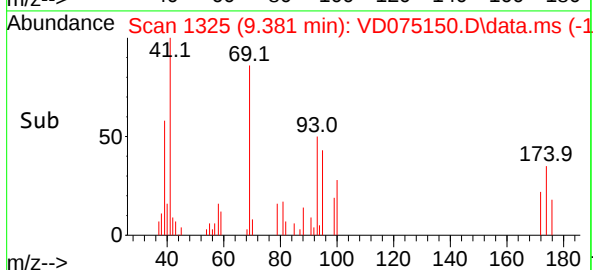
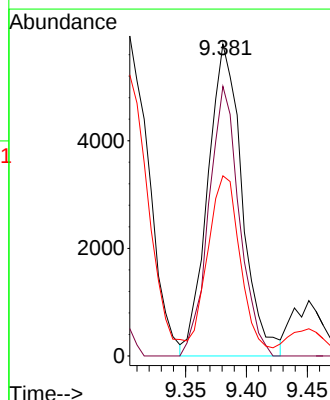
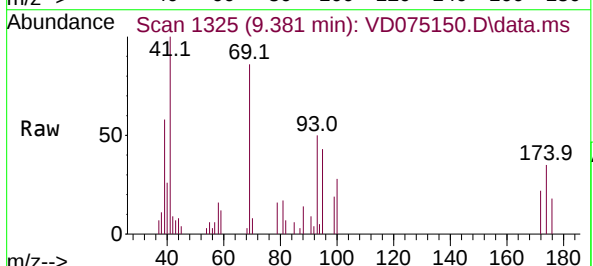
Tgt Ion: 41 Resp: 11392

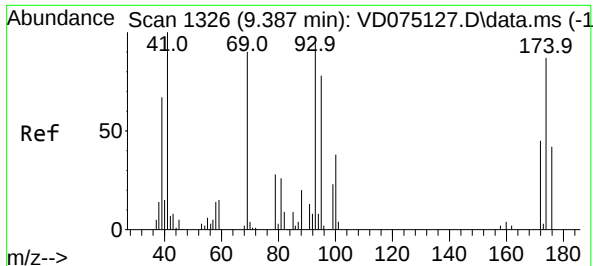
Ion Ratio Lower Upper

41 100

69 77.0 67.8 101.6

39 50.5 46.0 69.0





#49

1,4-Dioxane

Concen: 382.754 ug/l

RT: 9.375 min Scan# 1

Delta R.T. -0.012 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

VD0120SBS02

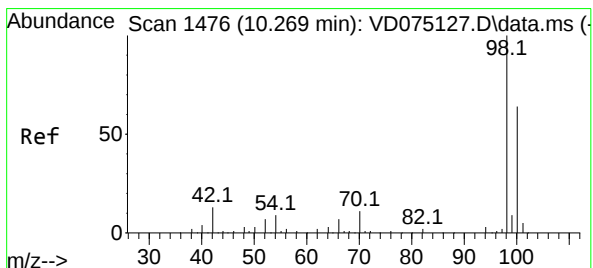
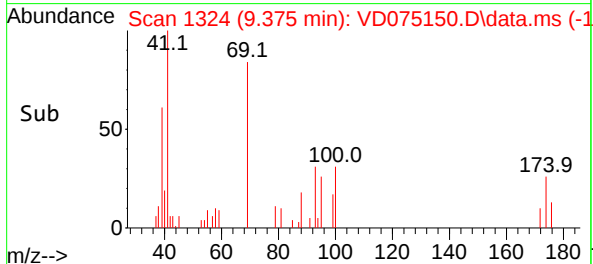
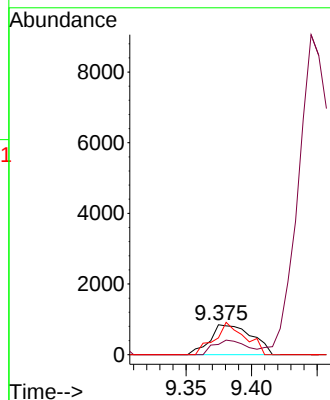
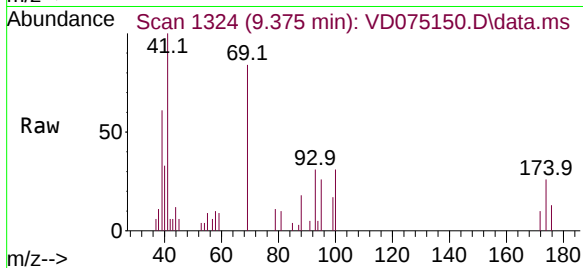
Tgt Ion: 88 Resp: 1879

Ion Ratio Lower Upper

88 100

43 37.8 35.6 53.4

58 78.1 57.4 86.2



#50

Toluene-d8

Concen: 53.345 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075150.D

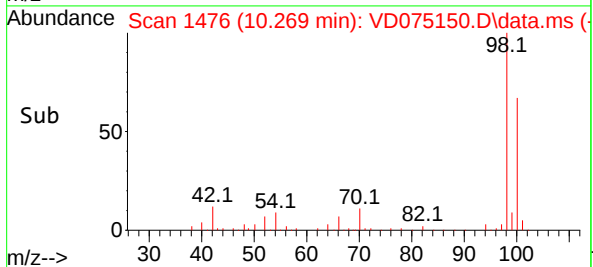
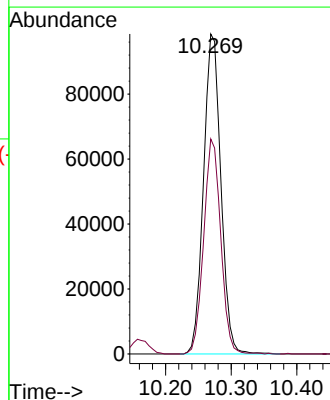
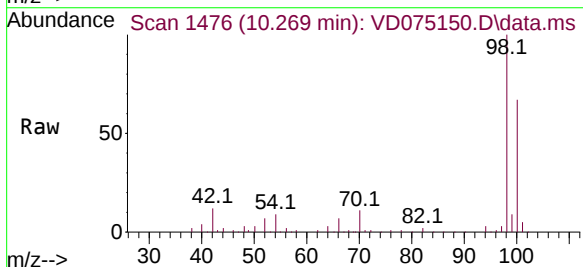
Acq: 20 Jan 2023 13:45

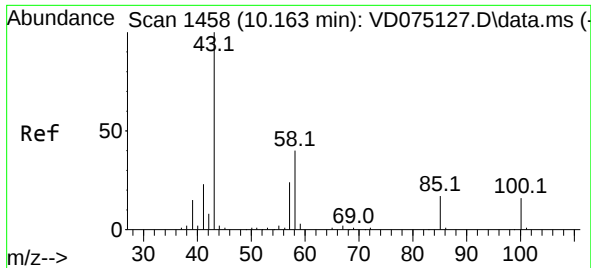
Tgt Ion: 98 Resp: 181451

Ion Ratio Lower Upper

98 100

100 66.1 52.7 79.1

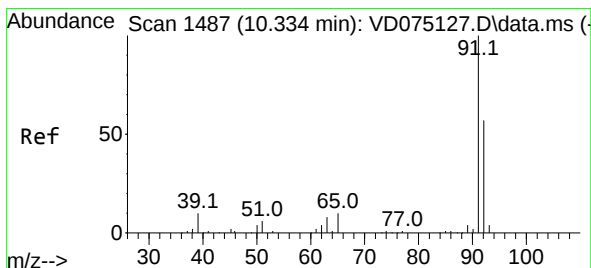
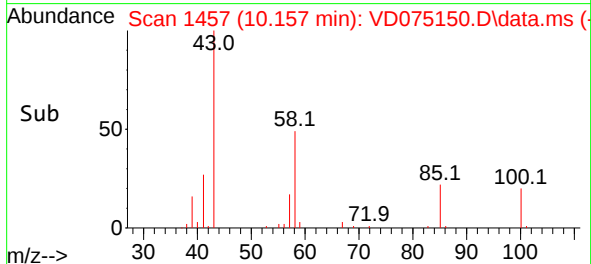
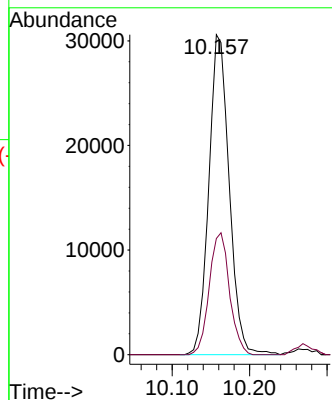
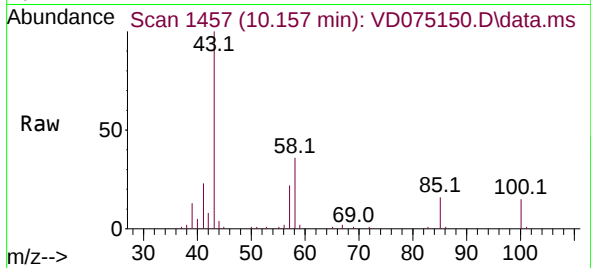




#51
4-Methyl-2-Pentanone
Concen: 106.735 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

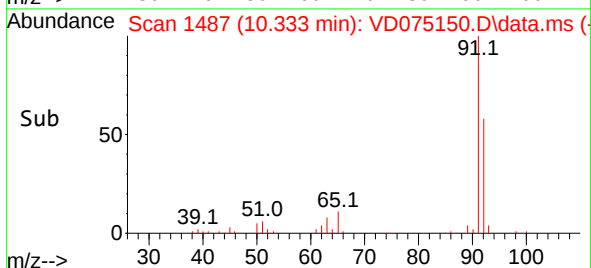
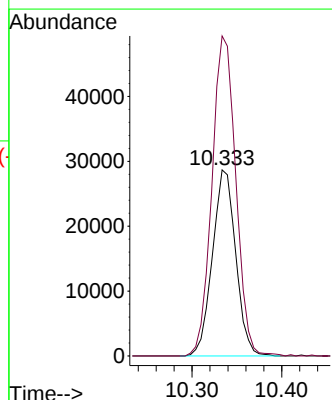
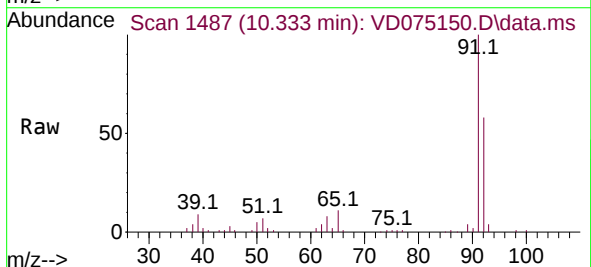
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBS02

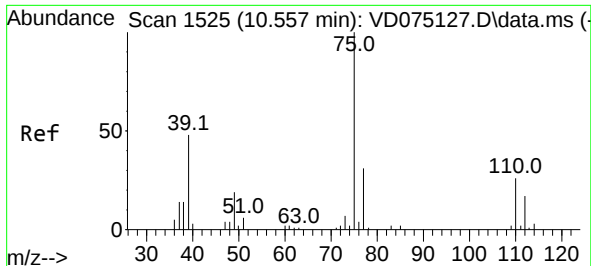
Tgt Ion: 43 Resp: 55776
Ion Ratio Lower Upper
43 100
58 37.9 31.4 47.0



#52
Toluene
Concen: 20.667 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 92 Resp: 51696
Ion Ratio Lower Upper
92 100
91 176.3 137.0 205.4

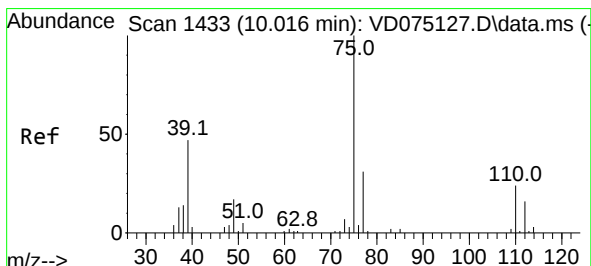
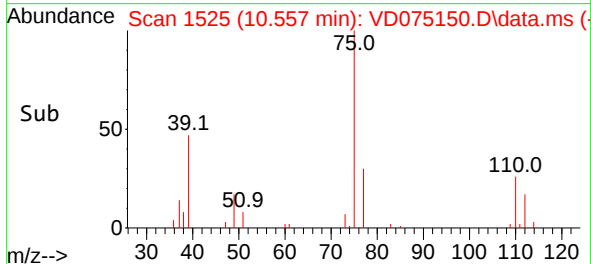
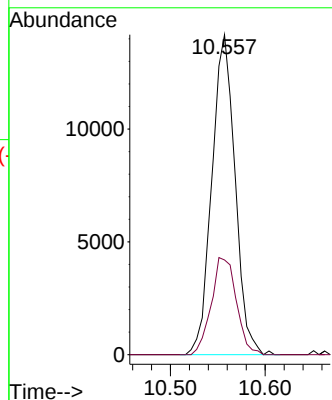
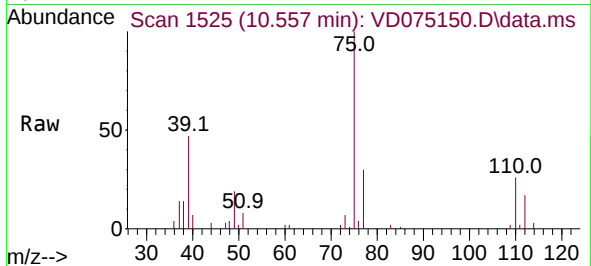




#53
t-1,3-Dichloropropene
Concen: 20.027 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

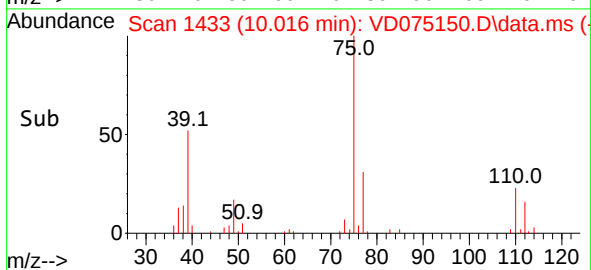
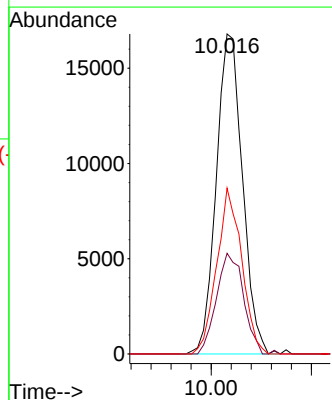
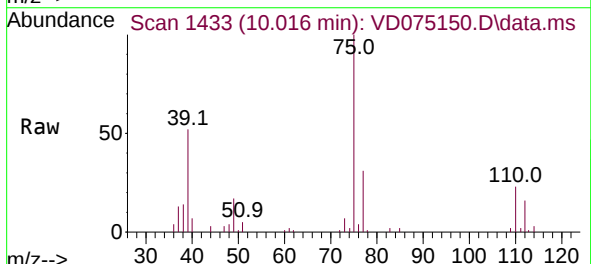
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBS02

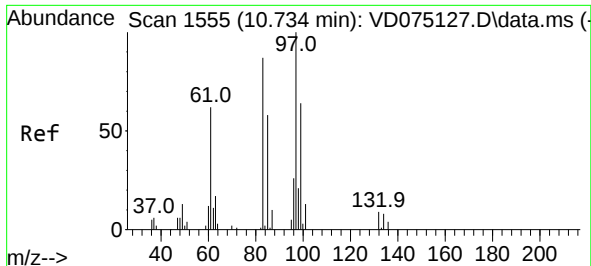
Tgt Ion: 75 Resp: 24172
Ion Ratio Lower Upper
75 100
77 29.6 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 20.667 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 75 Resp: 30475
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7
39 51.8 37.9 56.9

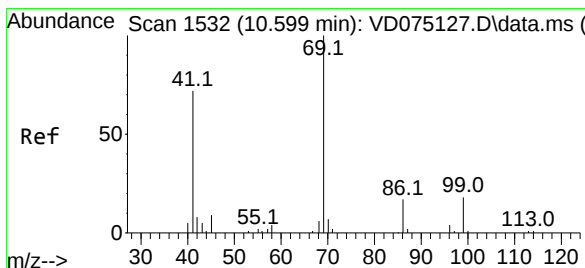
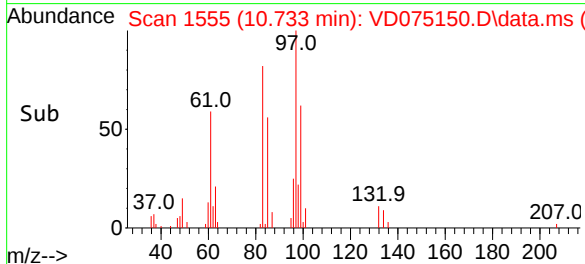
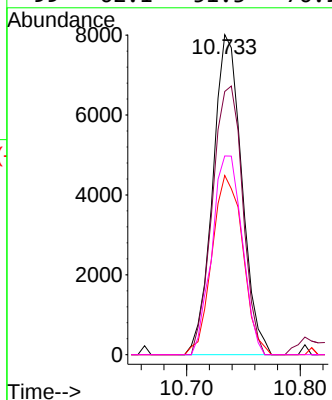
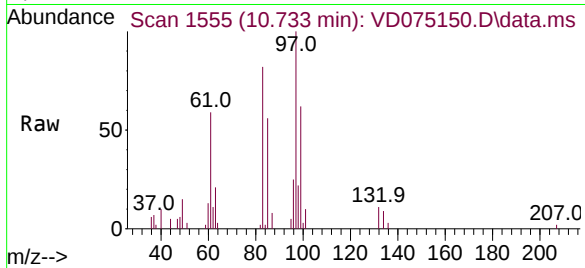




#55
1,1,2-Trichloroethane
Concen: 20.909 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

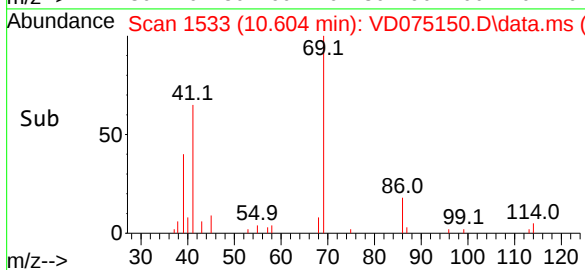
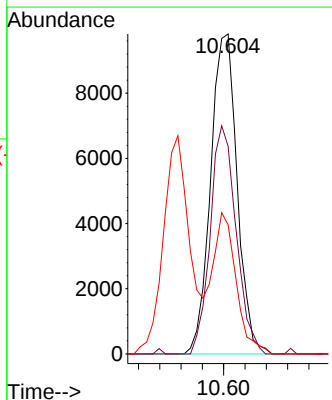
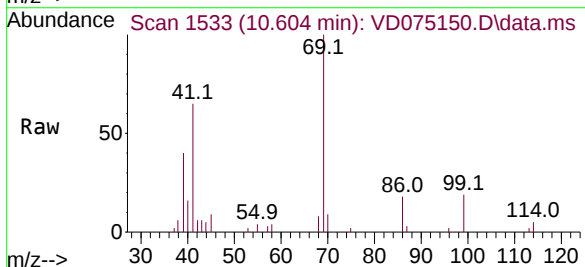
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBS02

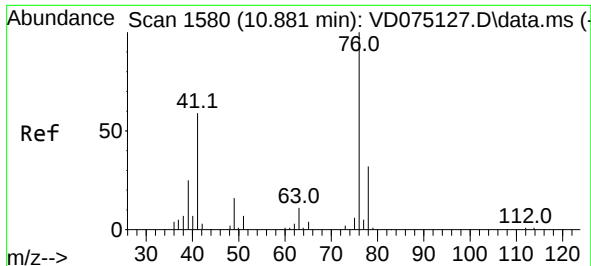
Tgt Ion: 97	Resp: 14229
Ion Ratio	Lower Upper
97 100	
83 82.2	69.4 104.0
85 56.0	46.0 69.0
99 62.1	51.3 76.9



#56
Ethyl methacrylate
Concen: 20.700 ug/l
RT: 10.604 min Scan# 1533
Delta R.T. 0.005 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 69	Resp: 16941
Ion Ratio	Lower Upper
69 100	
41 69.7	55.7 83.5
39 39.4	31.4 47.0





#57

1,3-Dichloropropane

Concen: 21.471 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

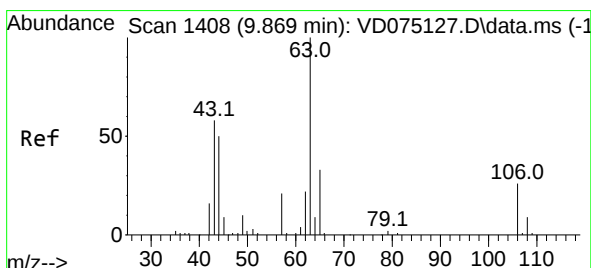
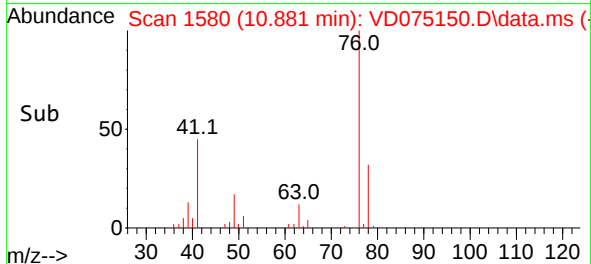
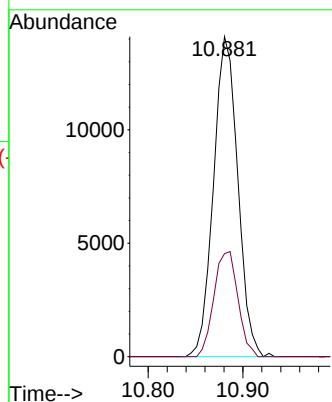
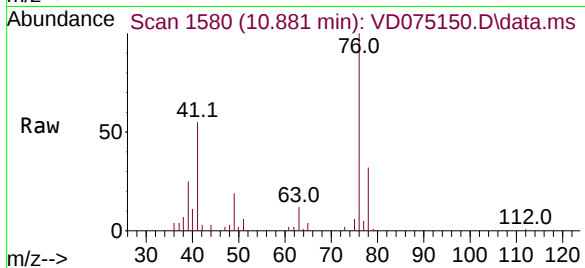
VD0120SBS02

Tgt Ion: 76 Resp: 25108

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 105.571 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.005 min

Lab File: VD075150.D

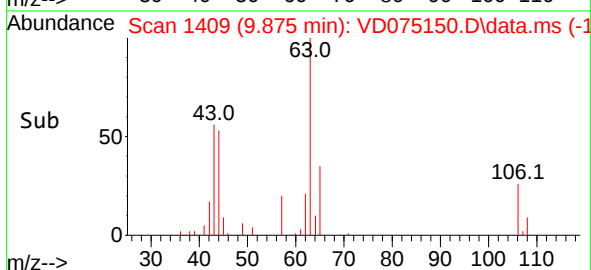
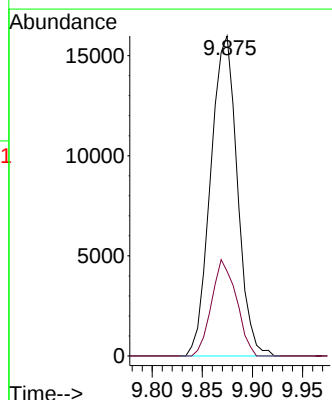
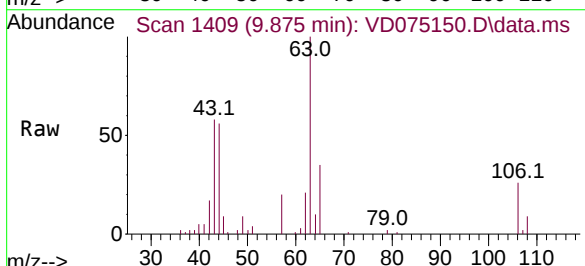
Acq: 20 Jan 2023 13:45

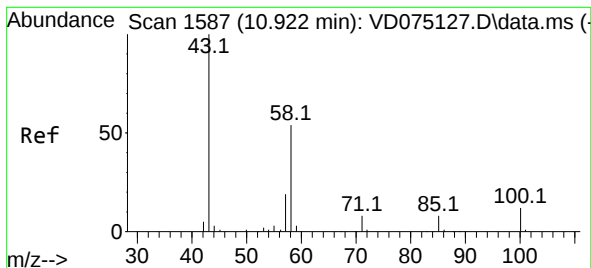
Tgt Ion: 63 Resp: 29564

Ion Ratio Lower Upper

63 100

106 28.0 22.6 33.8

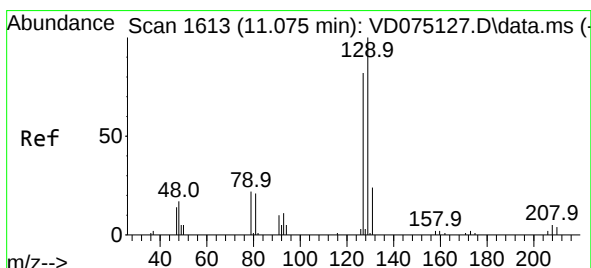
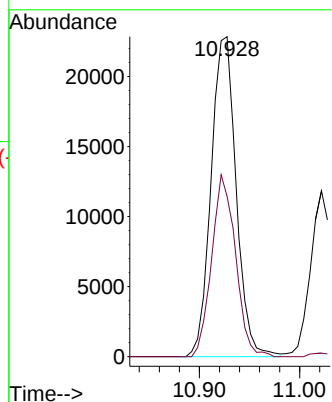
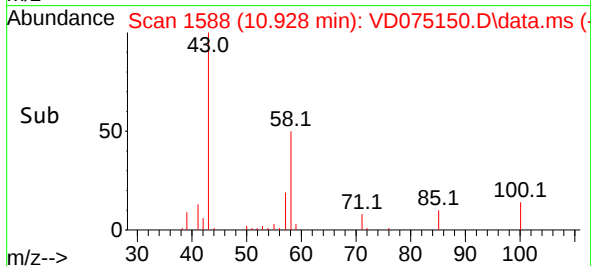
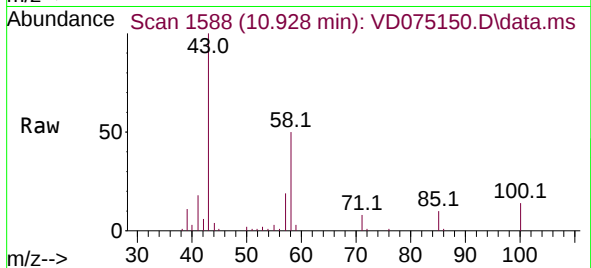




#59
2-Hexanone
Concen: 105.059 ug/l
RT: 10.928 min Scan# 1587
Delta R.T. 0.005 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

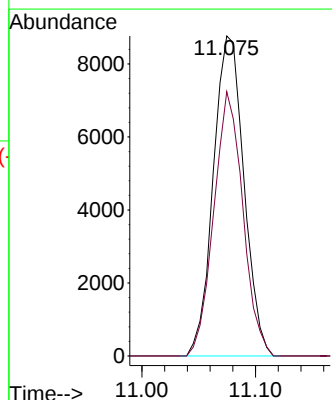
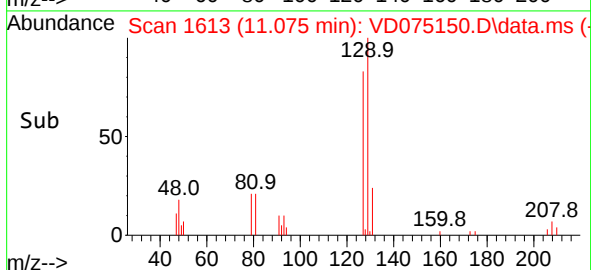
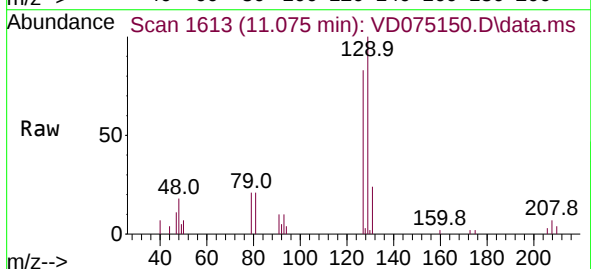
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBS02

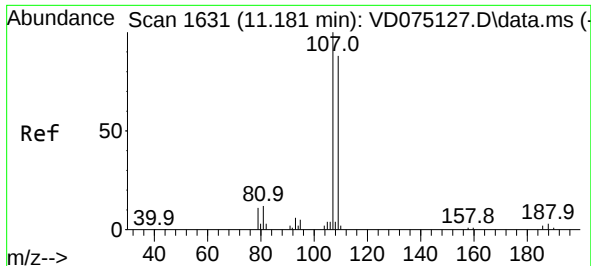
Tgt Ion: 43 Resp: 39696
Ion Ratio Lower Upper
43 100
58 54.0 26.8 80.4



#60
Dibromochloromethane
Concen: 20.012 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 129 Resp: 16415
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.6

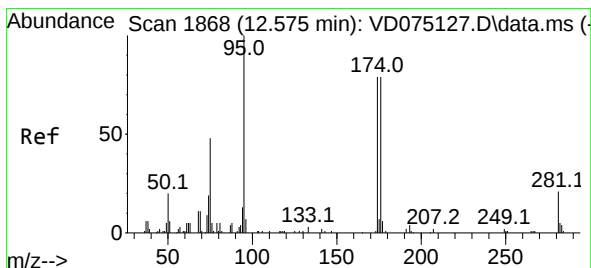
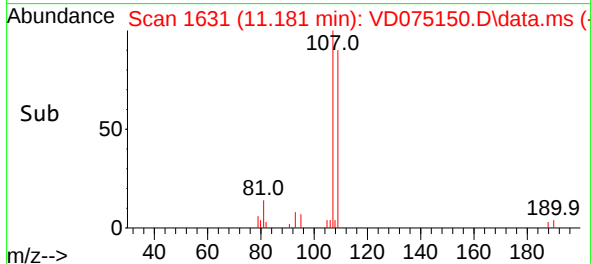
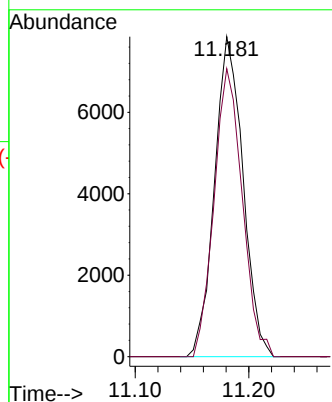
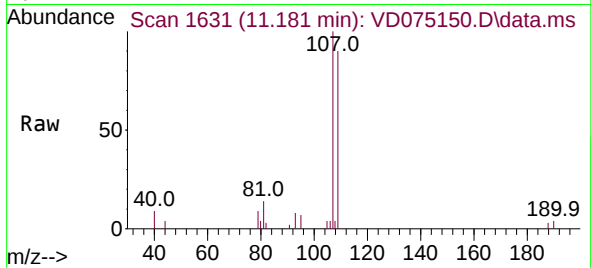




#61
1,2-Dibromoethane
Concen: 20.996 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

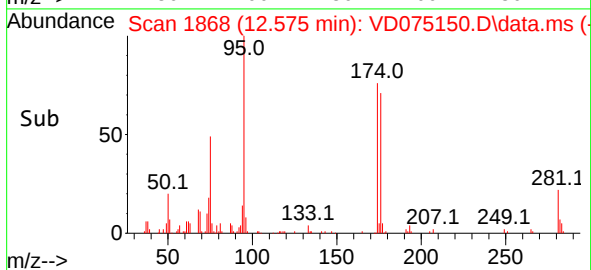
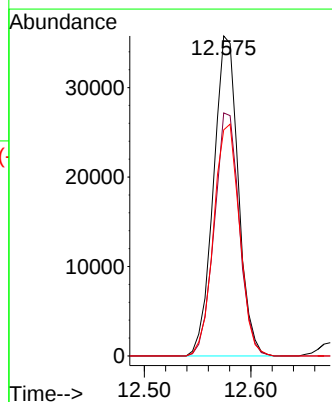
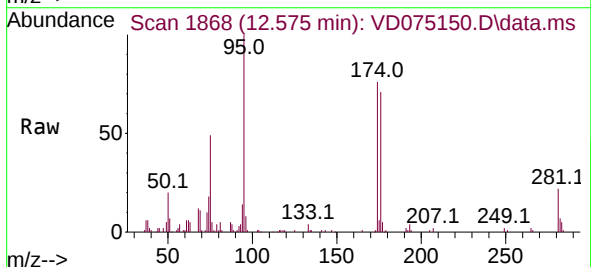
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBS02

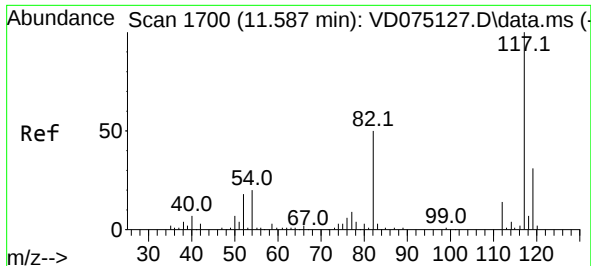
Tgt Ion:107 Resp: 13652
Ion Ratio Lower Upper
107 100
109 89.3 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 53.489 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 95 Resp: 57742
Ion Ratio Lower Upper
95 100
174 76.5 0.0 161.2
176 75.5 0.0 160.2

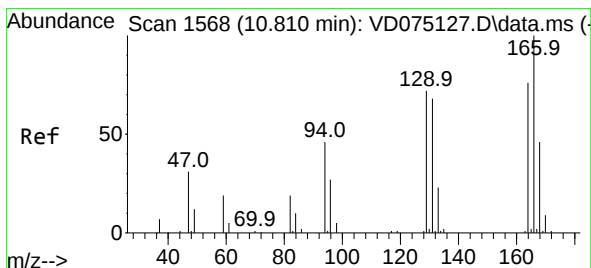
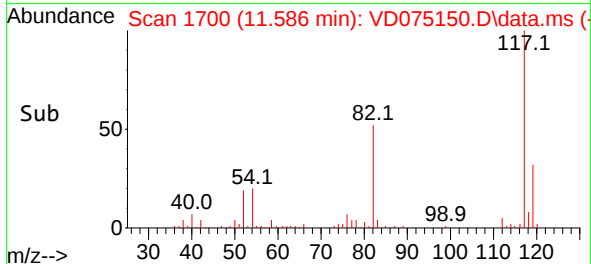
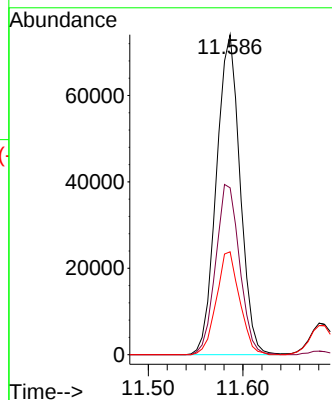
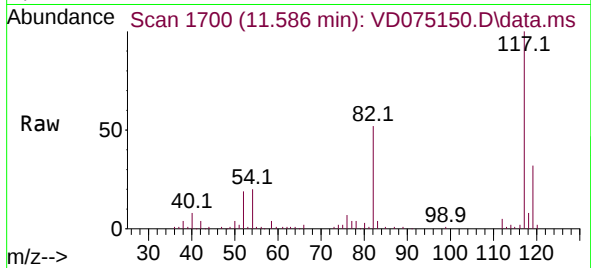




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

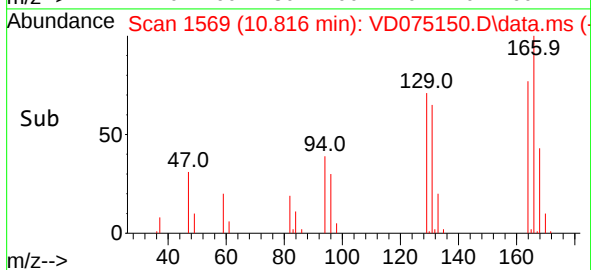
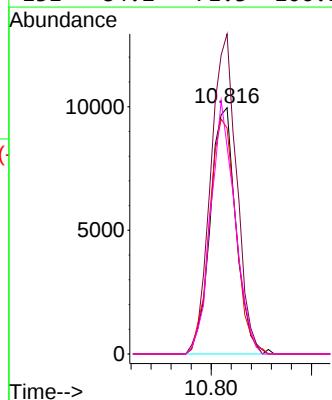
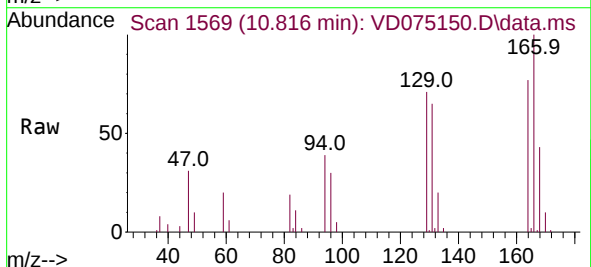
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBS02

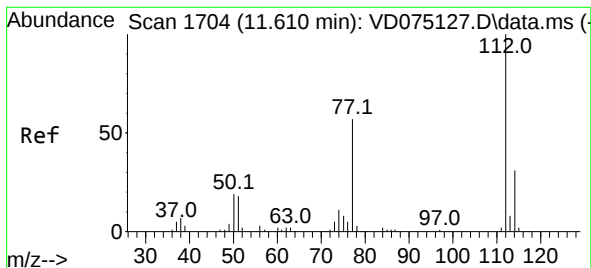
Tgt Ion:117 Resp: 128592
Ion Ratio Lower Upper
117 100
82 52.2 39.6 59.4
119 32.1 24.6 37.0



#64
Tetrachloroethene
Concen: 19.246 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.005 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

Tgt Ion:164 Resp: 17673
Ion Ratio Lower Upper
164 100
166 130.0 105.3 157.9
129 91.8 76.2 114.4
131 84.2 71.3 106.9





#65

Chlorobenzene

Concen: 20.372 ug/l

RT: 11.610 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

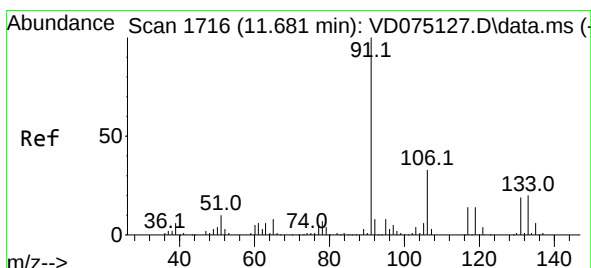
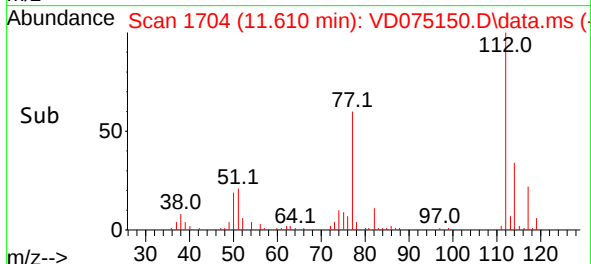
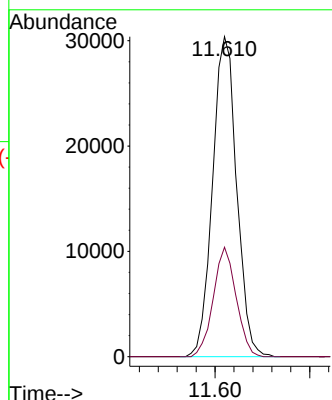
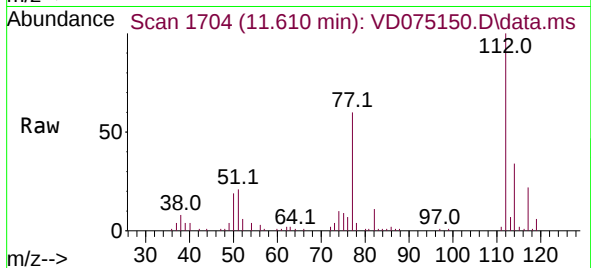
VD0120SBS02

Tgt Ion:112 Resp: 53680

Ion Ratio Lower Upper

112 100

114 34.2 24.7 37.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.580 ug/l

RT: 11.686 min Scan# 1717

Delta R.T. 0.005 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

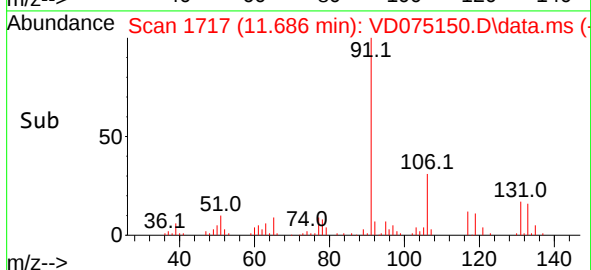
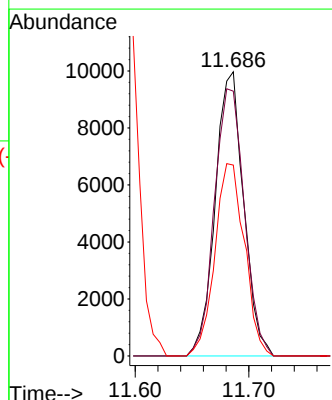
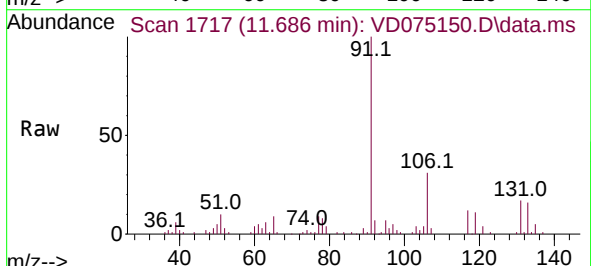
Tgt Ion:131 Resp: 17354

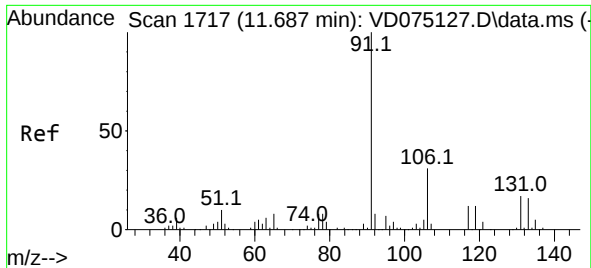
Ion Ratio Lower Upper

131 100

133 98.9 49.0 147.2

119 70.6 34.8 104.5

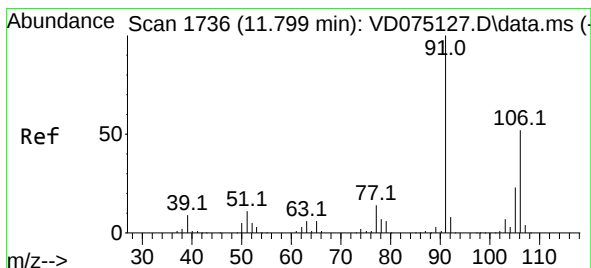
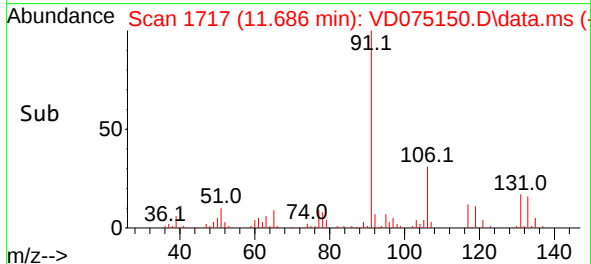
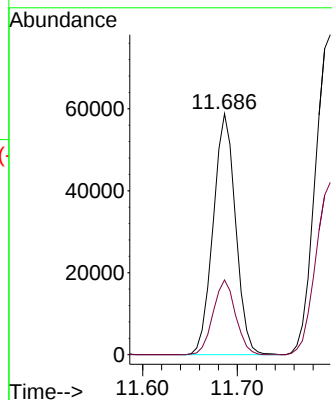
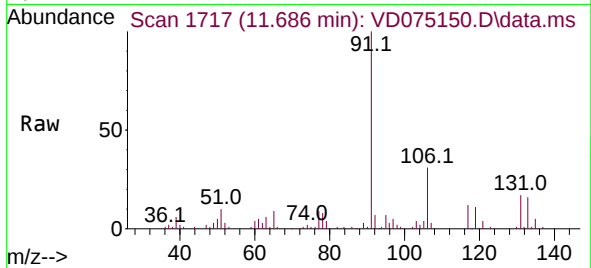




#67
Ethyl Benzene
Concen: 20.383 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

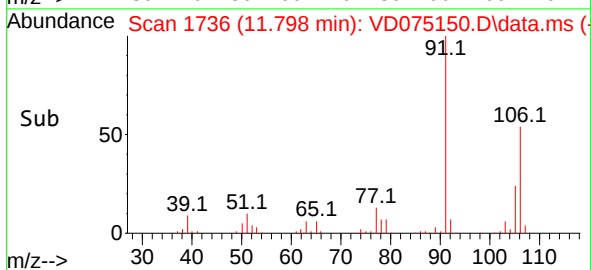
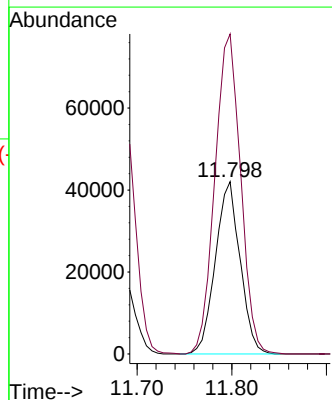
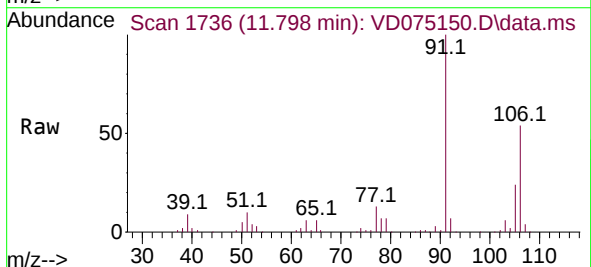
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBS02

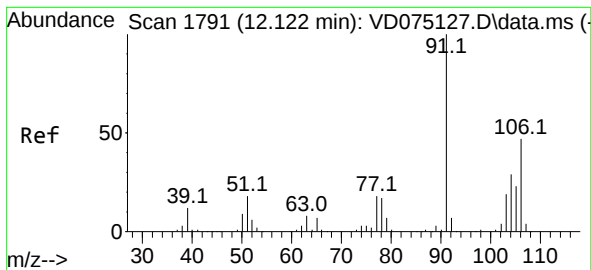
Tgt Ion: 91 Resp: 96677
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6



#68
m/p-Xylenes
Concen: 41.585 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

Tgt Ion:106 Resp: 76194
Ion Ratio Lower Upper
106 100
91 193.4 160.3 240.5

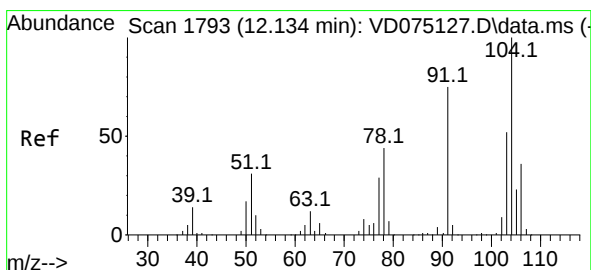
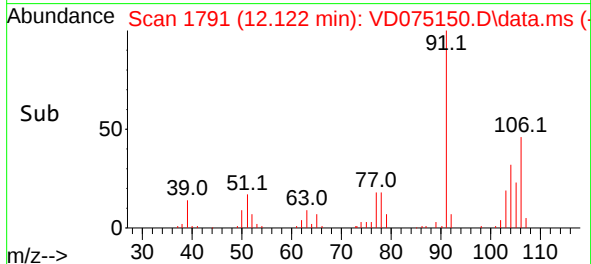
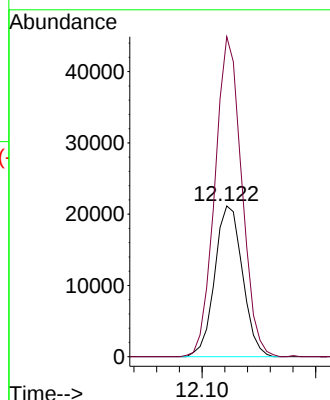
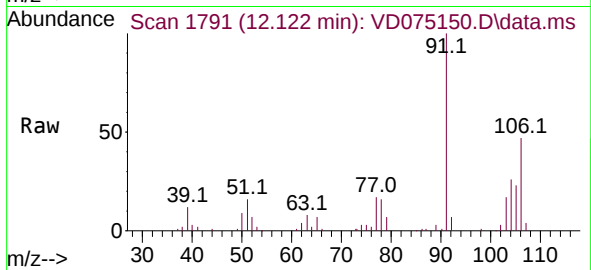




#69
o-Xylene
Concen: 20.892 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

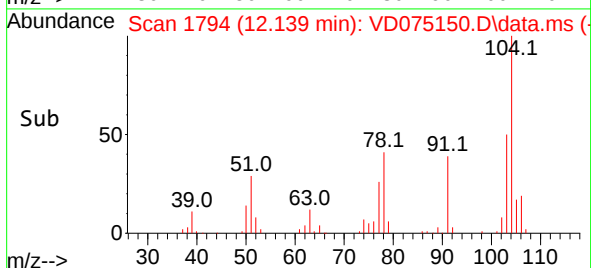
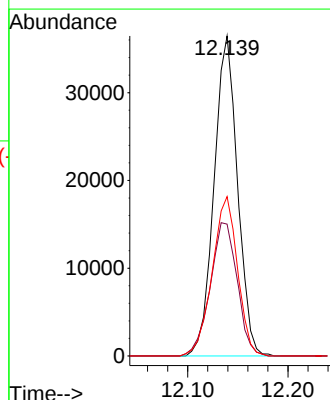
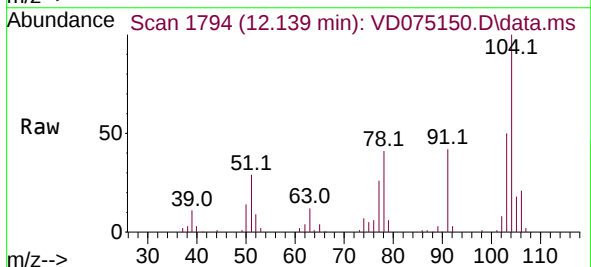
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBS02

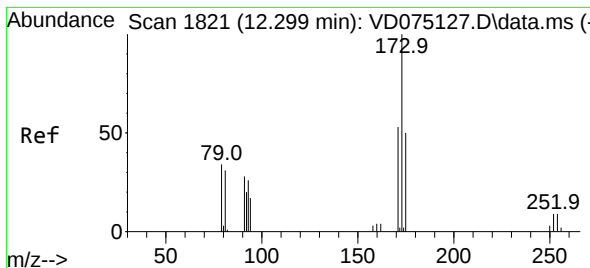
Tgt Ion:106 Resp: 35908
Ion Ratio Lower Upper
106 100
91 205.4 103.6 310.9



#70
Styrene
Concen: 20.729 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.005 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

Tgt Ion:104 Resp: 59225
Ion Ratio Lower Upper
104 100
78 47.8 38.9 58.3
103 53.8 43.6 65.4





#71

Bromoform

Concen: 19.869 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.005 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

VD0120SBS02

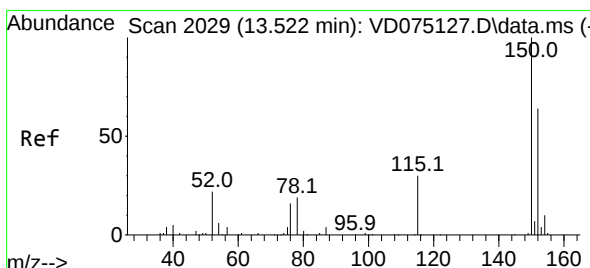
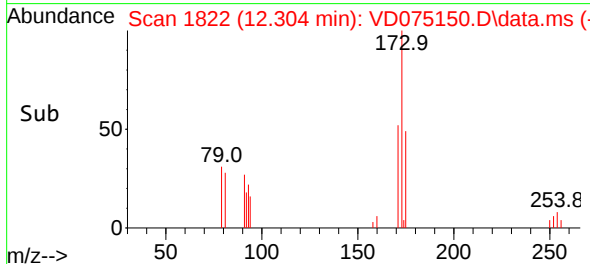
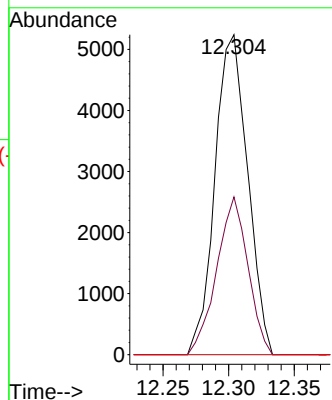
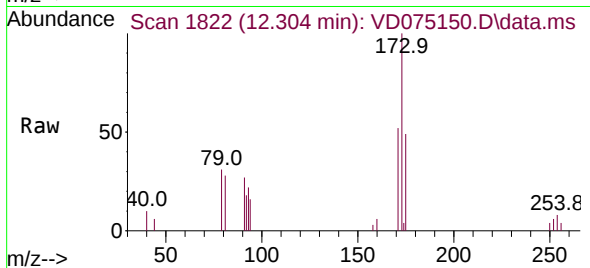
Tgt Ion:173 Resp: 9093

Ion Ratio Lower Upper

173 100

175 47.1 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: VD075150.D

Acq: 20 Jan 2023 13:45

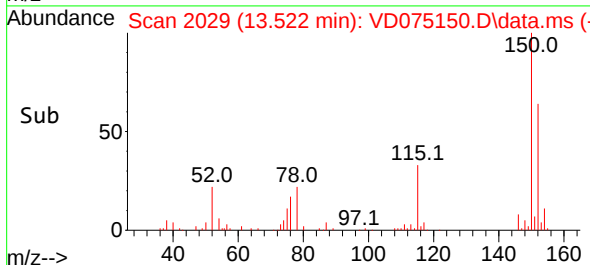
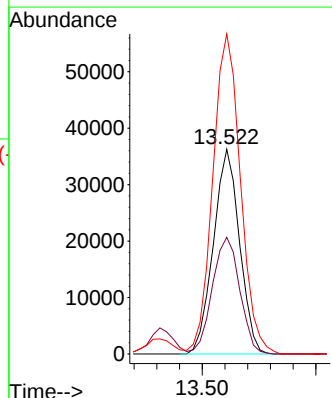
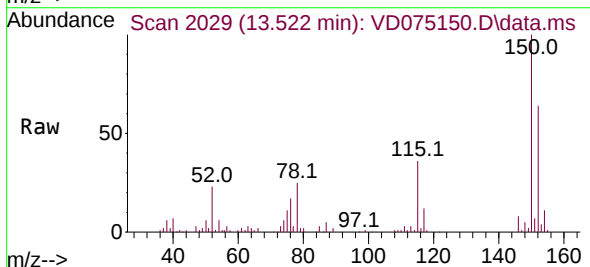
Tgt Ion:152 Resp: 58018

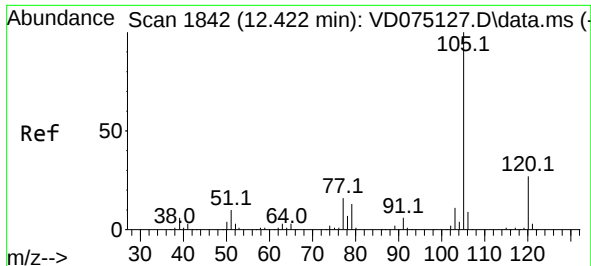
Ion Ratio Lower Upper

152 100

115 59.8 28.8 86.4

150 164.9 0.0 348.6

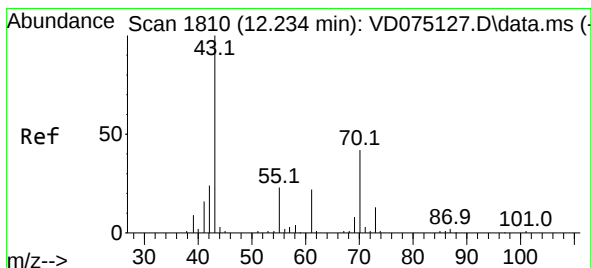
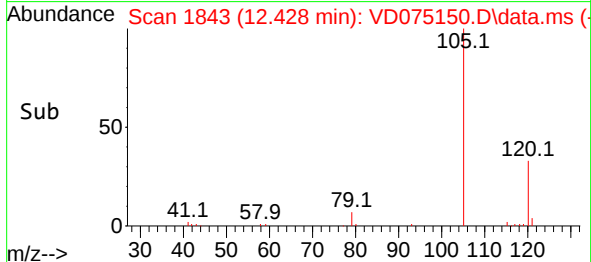
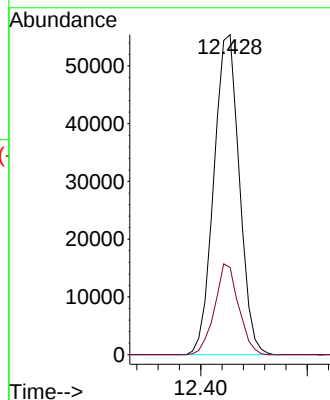
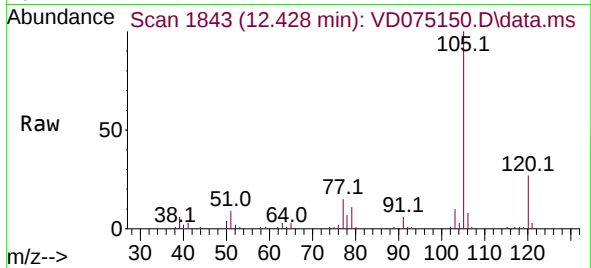




#73
Isopropylbenzene
Concen: 20.062 ug/l
RT: 12.428 min Scan# 1842
Delta R.T. 0.005 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

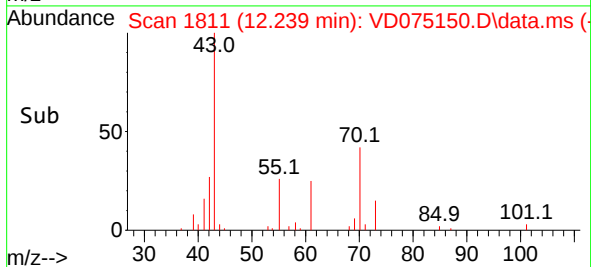
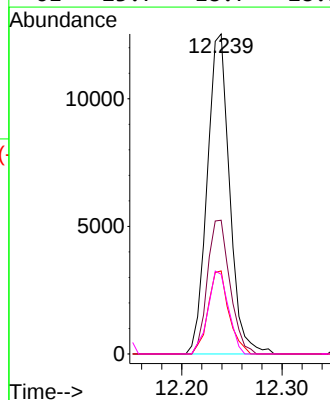
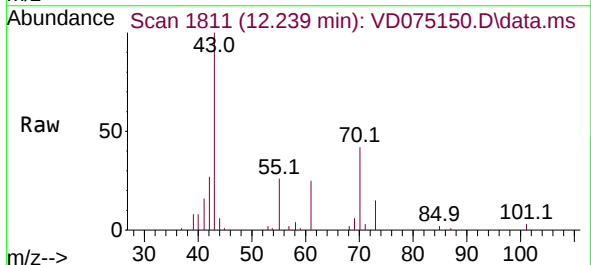
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBS02

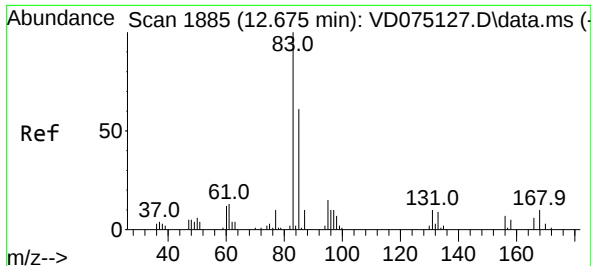
Tgt Ion:105 Resp: 91940
Ion Ratio Lower Upper
105 100
120 26.7 13.7 41.1



#74
N-ethyl acetate
Concen: 19.365 ug/l
RT: 12.239 min Scan# 1811
Delta R.T. 0.005 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 43 Resp: 19440
Ion Ratio Lower Upper
43 100
70 42.0 32.6 49.0
55 24.1 17.8 26.8
61 23.7 18.7 28.1

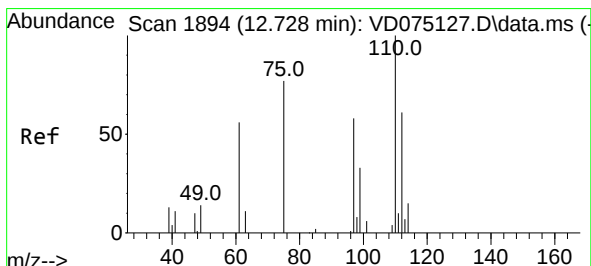
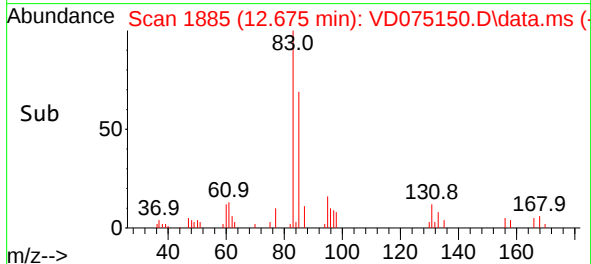
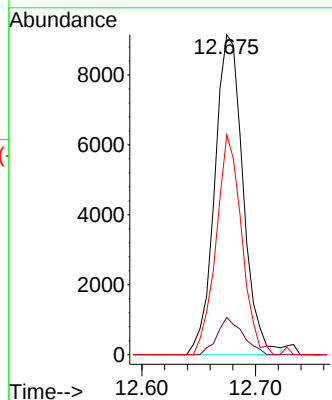
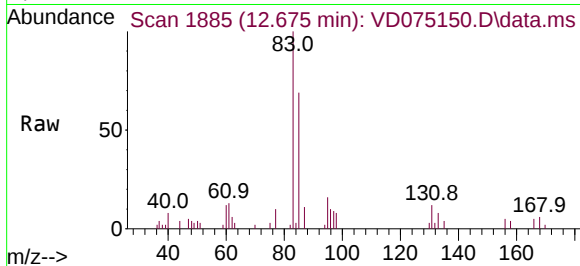




#75
1,1,2,2-Tetrachloroethane
Concen: 21.711 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

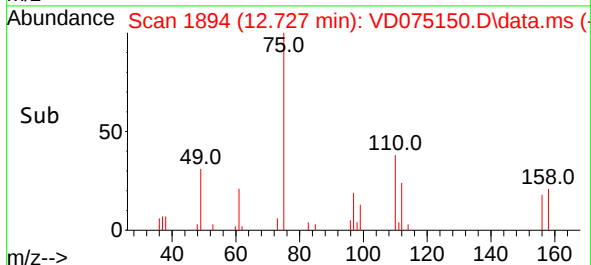
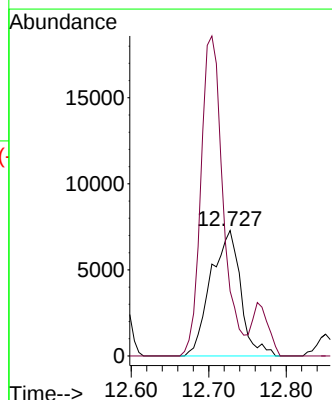
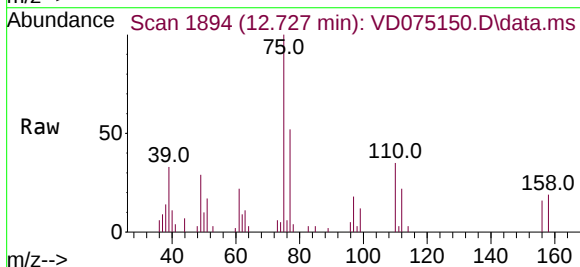
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBS02

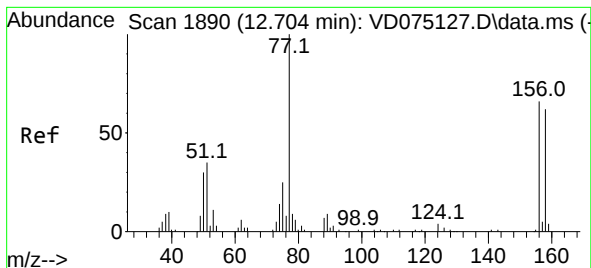
Tgt Ion: 83 Resp: 15853
Ion Ratio Lower Upper
83 100
131 10.5 4.9 14.6
85 61.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 39.770 ug/l
RT: 12.727 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 75 Resp: 19542
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.953 ug/l

RT: 12.704 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

VD0120SBS02

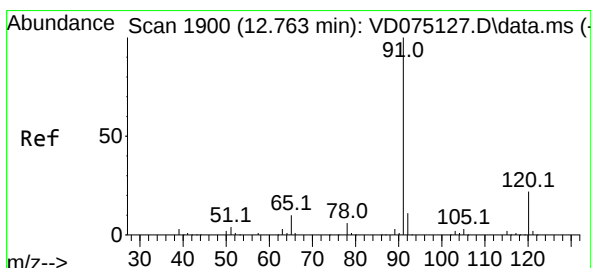
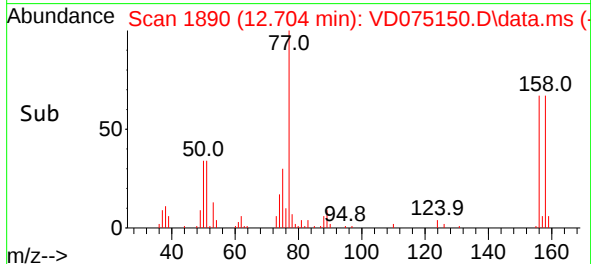
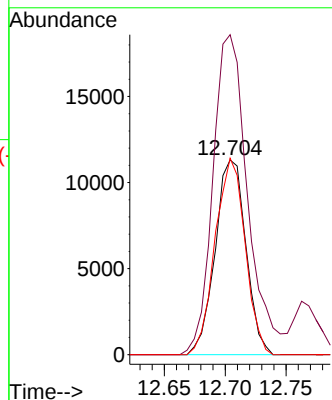
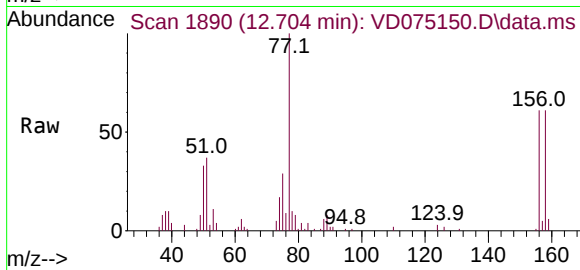
Tgt Ion:156 Resp: 19839

Ion Ratio Lower Upper

156 100

77 184.7 85.6 256.8

158 98.4 47.3 141.9



#78

n-propylbenzene

Concen: 20.272 ug/l

RT: 12.769 min Scan# 1901

Delta R.T. 0.005 min

Lab File: VD075150.D

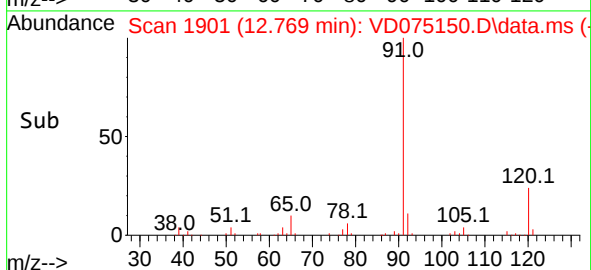
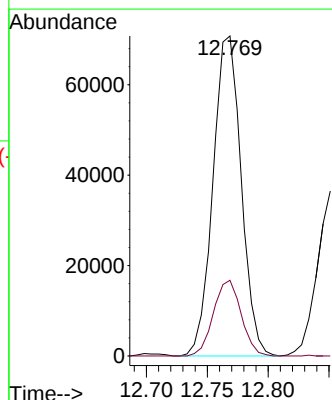
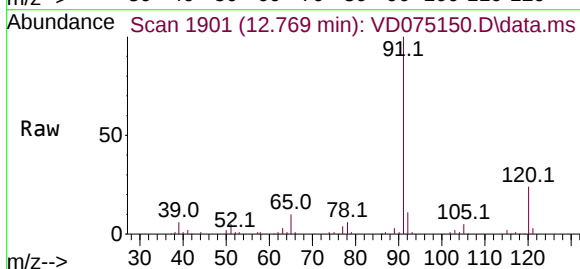
Acq: 20 Jan 2023 13:45

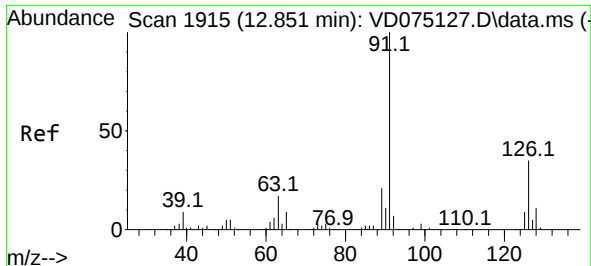
Tgt Ion: 91 Resp: 114163

Ion Ratio Lower Upper

91 100

120 23.2 11.7 35.0

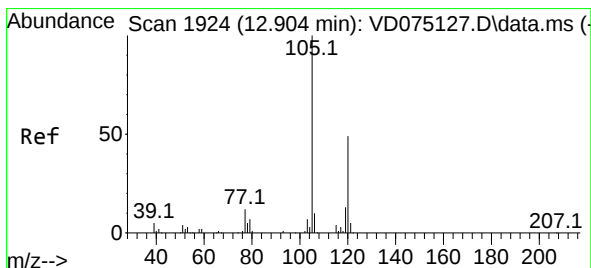
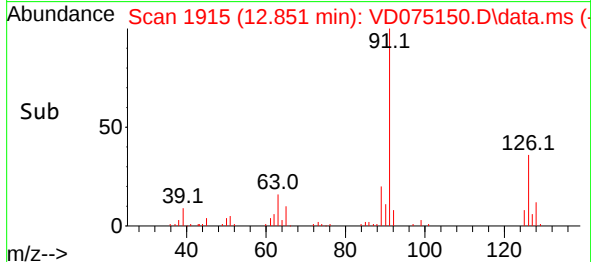
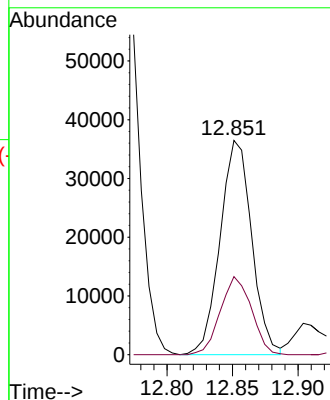
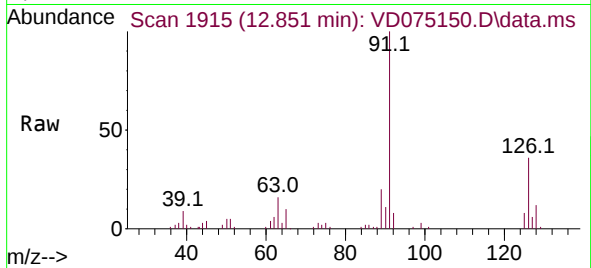




#79
2-Chlorotoluene
Concen: 19.788 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

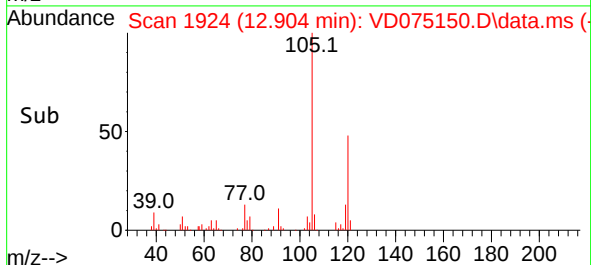
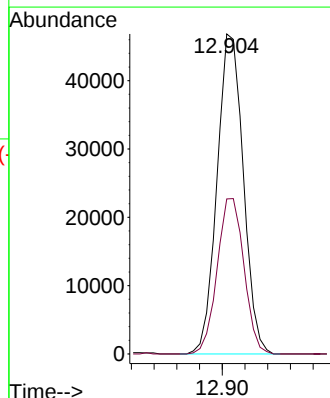
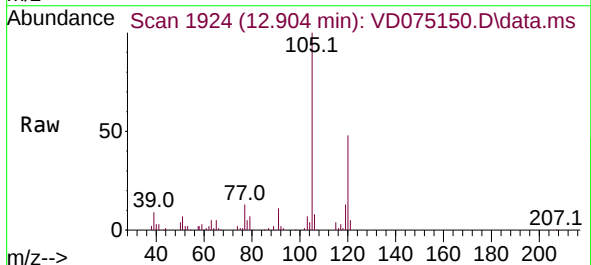
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBS02

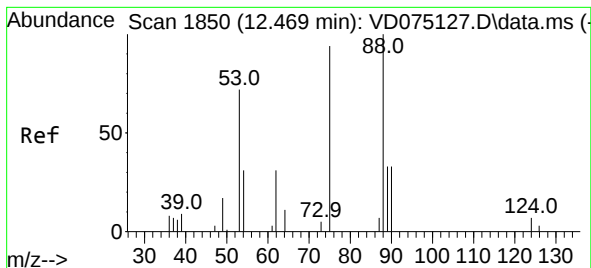
Tgt Ion: 91 Resp: 61288
Ion Ratio Lower Upper
91 100
126 35.7 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.035 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 105 Resp: 75225
Ion Ratio Lower Upper
105 100
120 49.6 24.6 73.8

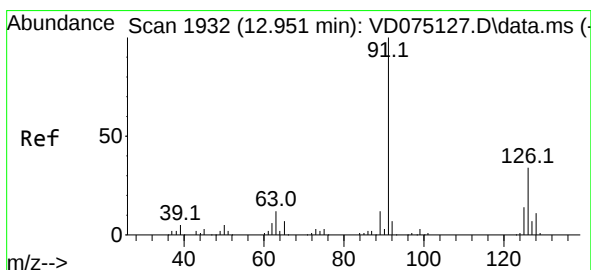
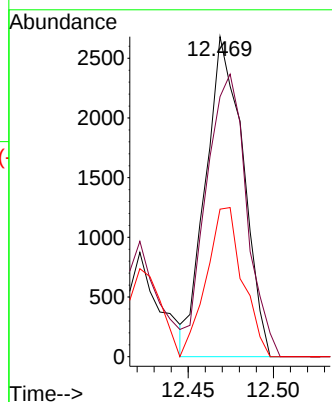
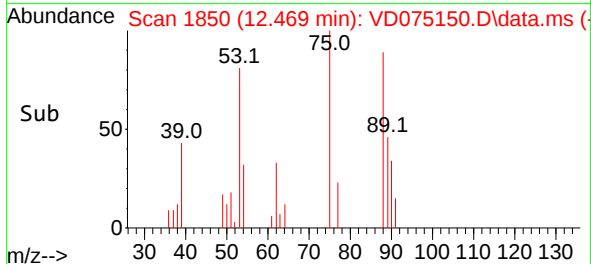
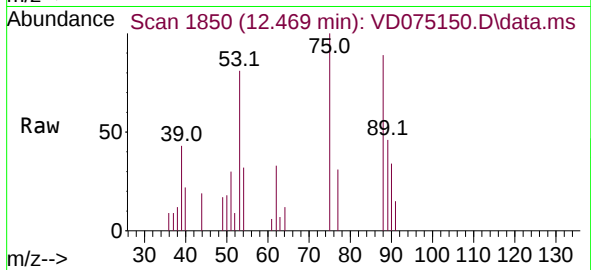




#81
trans-1,4-Dichloro-2-butene
Concen: 19.312 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

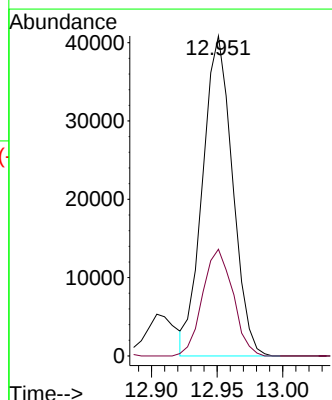
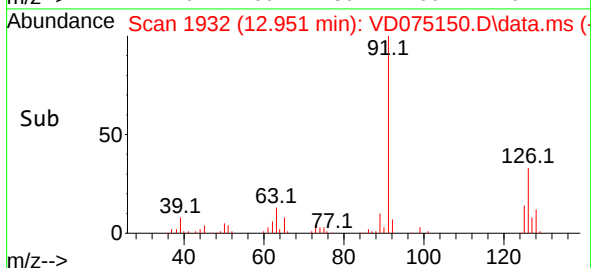
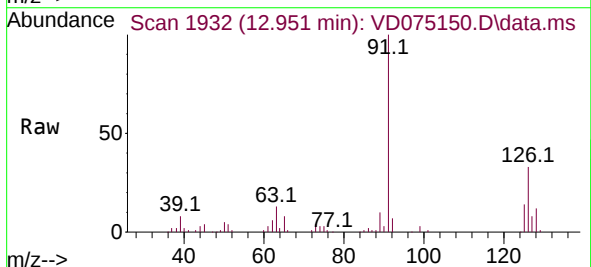
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBS02

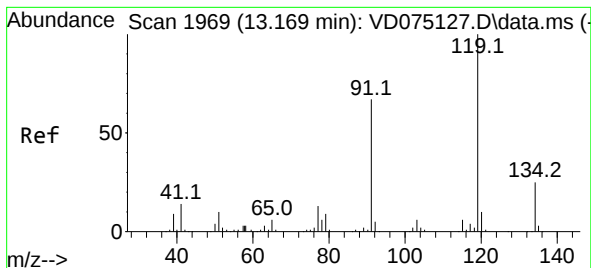
Tgt Ion: 75 Resp: 4091
Ion Ratio Lower Upper
75 100
53 95.2 70.5 105.7
89 45.3 34.6 52.0



#82
4-Chlorotoluene
Concen: 20.365 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 91 Resp: 64851
Ion Ratio Lower Upper
91 100
126 33.9 17.3 52.0





#83

tert-Butylbenzene

Concen: 20.339 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

VD0120SBS02

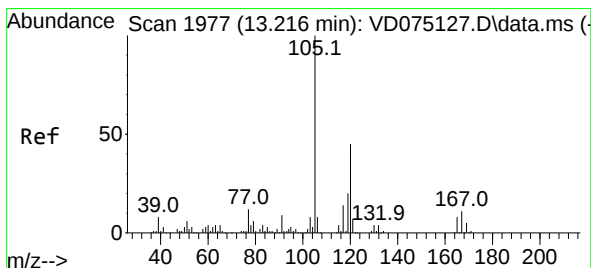
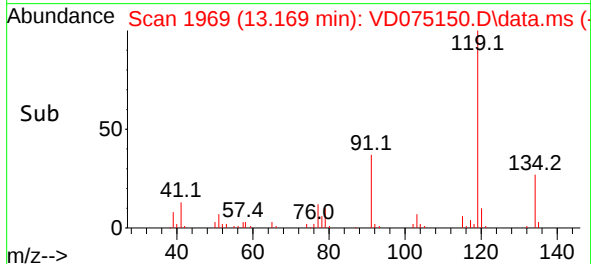
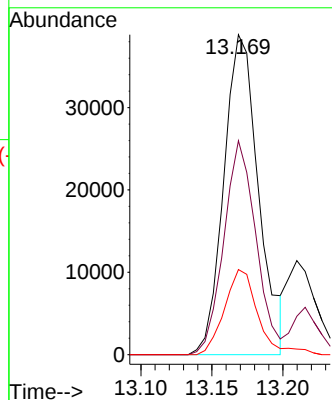
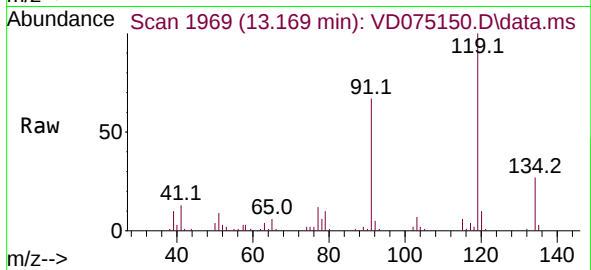
Tgt Ion:119 Resp: 66075

Ion Ratio Lower Upper

119 100

91 62.0 32.9 98.6

134 25.7 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 20.049 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD075150.D

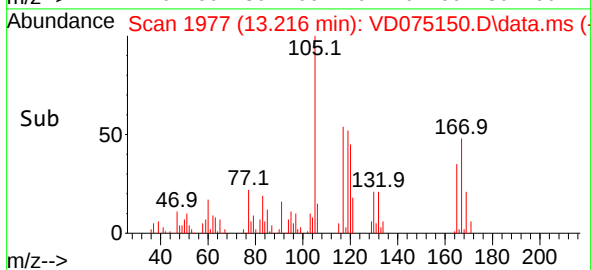
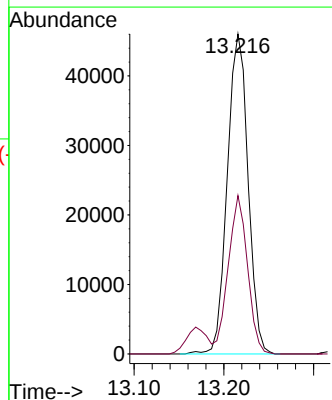
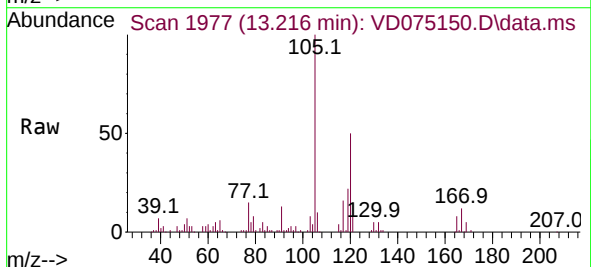
Acq: 20 Jan 2023 13:45

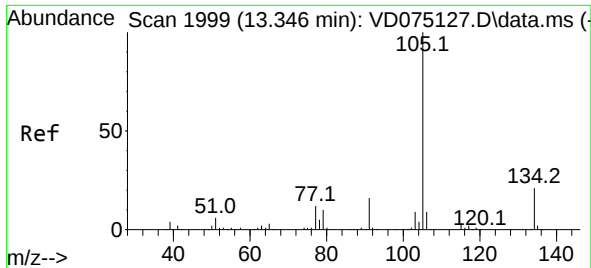
Tgt Ion:105 Resp: 73929

Ion Ratio Lower Upper

105 100

120 46.2 23.2 69.5

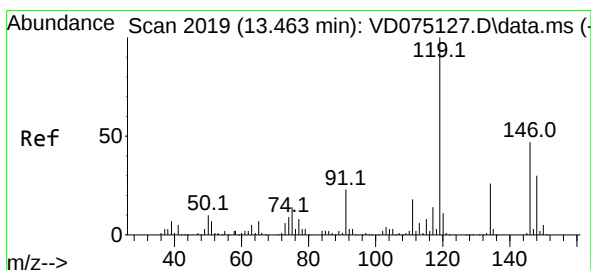
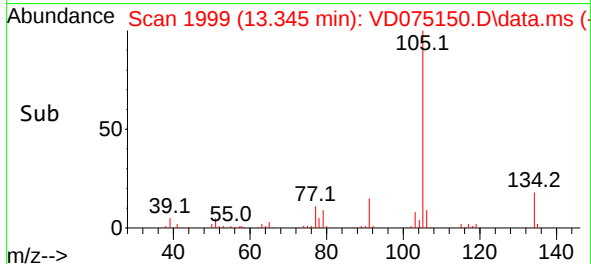
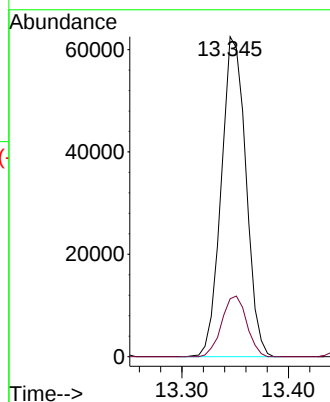
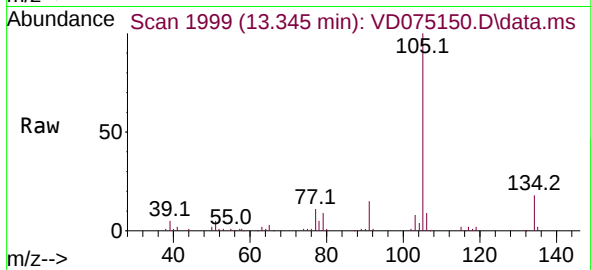




#85
 sec-Butylbenzene
 Concen: 20.336 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD075150.D
 Acq: 20 Jan 2023 13:45

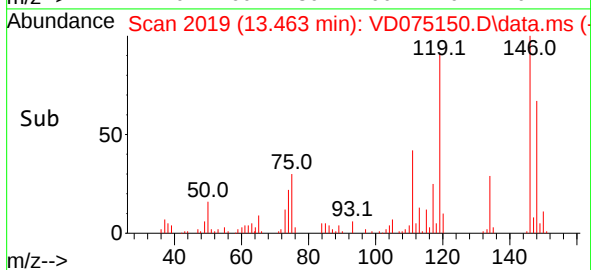
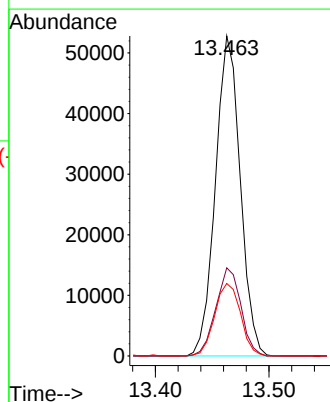
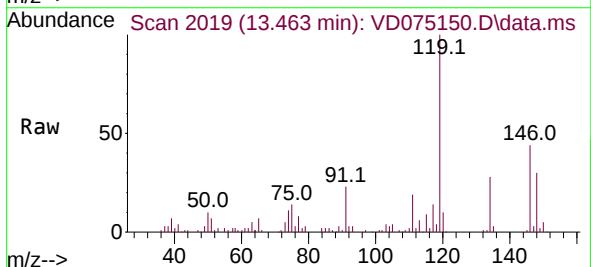
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0120SBS02

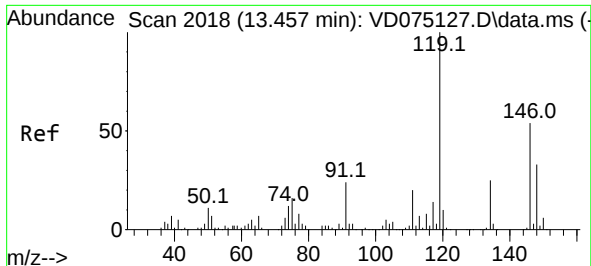
Tgt Ion:105 Resp: 100360
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 19.813 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075150.D
 Acq: 20 Jan 2023 13:45

Tgt Ion:119 Resp: 80055
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.3 39.8
 91 23.6 11.9 35.5

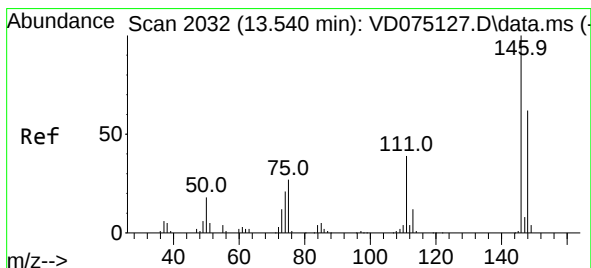
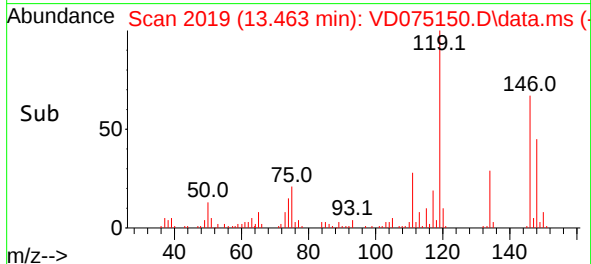
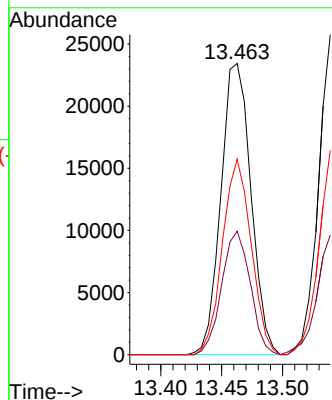
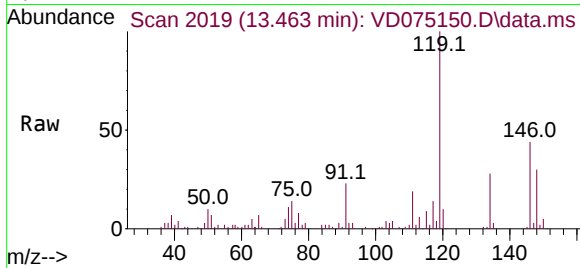




#87
 1,3-Dichlorobenzene
 Concen: 19.830 ug/l
 RT: 13.463 min Scan# 2018
 Delta R.T. 0.005 min
 Lab File: VD075150.D
 Acq: 20 Jan 2023 13:45

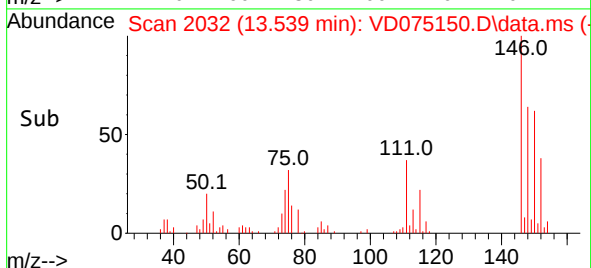
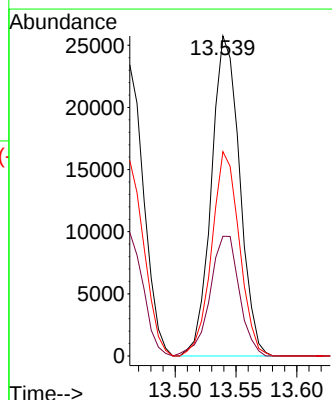
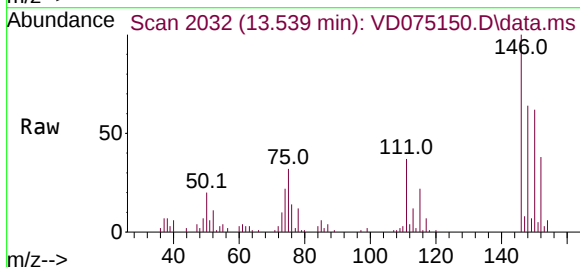
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0120SBS02

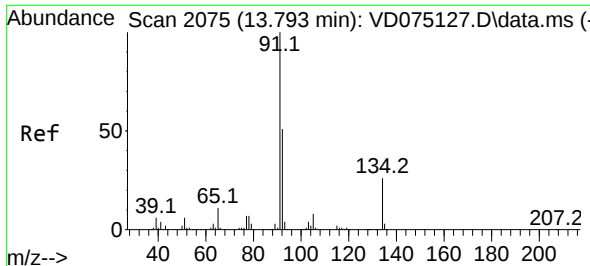
Tgt Ion:146 Resp: 40237
 Ion Ratio Lower Upper
 146 100
 111 40.3 18.9 56.9
 148 64.2 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 20.798 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD075150.D
 Acq: 20 Jan 2023 13:45

Tgt Ion:146 Resp: 41521
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.7 59.1
 148 62.8 31.9 95.5

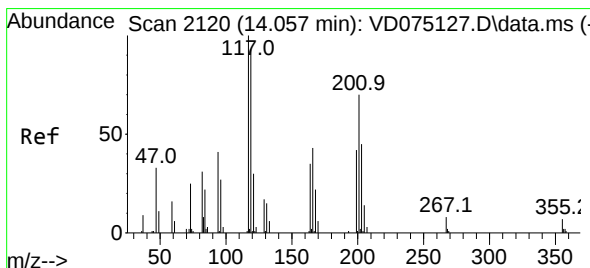
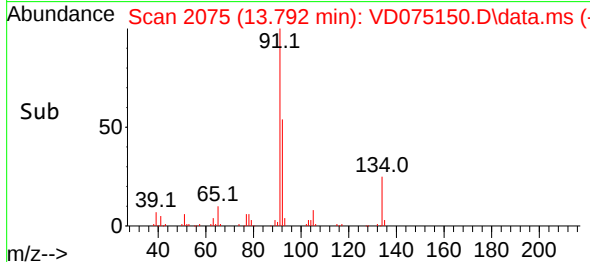
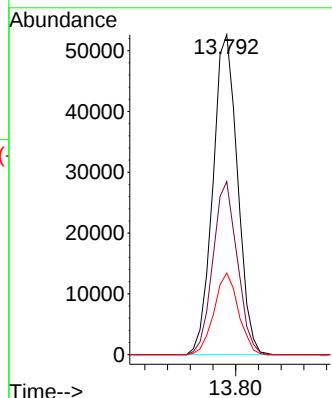
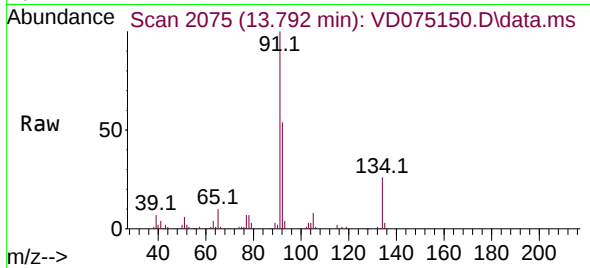




#89
n-Butylbenzene
Concen: 20.125 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

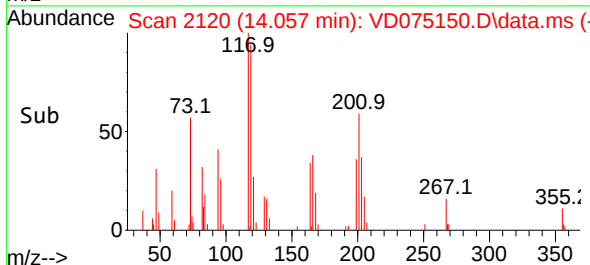
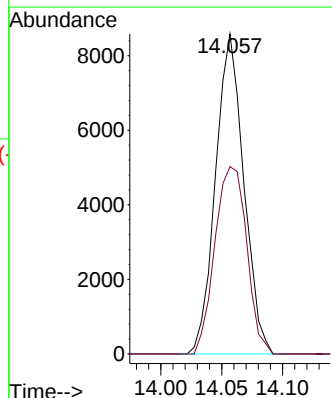
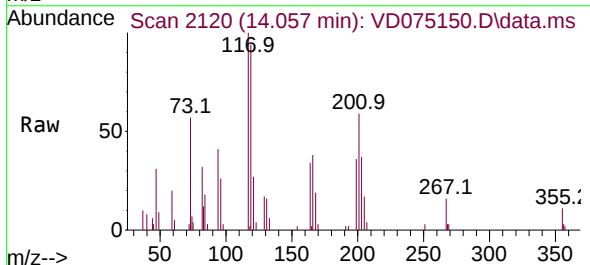
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBS02

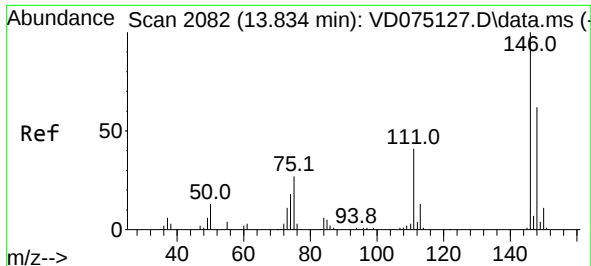
Tgt Ion: 91	Resp:	79235
Ion Ratio	Lower	Upper
91	100	
92	53.6	26.8 80.3
134	25.3	13.3 39.8



#90
Hexachloroethane
Concen: 19.417 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD075150.D
Acq: 20 Jan 2023 13:45

Tgt Ion: 117	Resp:	13854
Ion Ratio	Lower	Upper
117	100	
201	65.8	35.1 105.5





#91

1,2-Dichlorobenzene

Concen: 20.413 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

VD0120SBS02

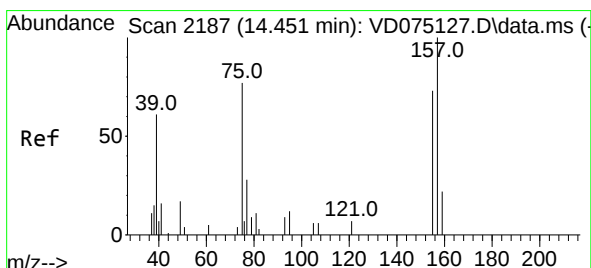
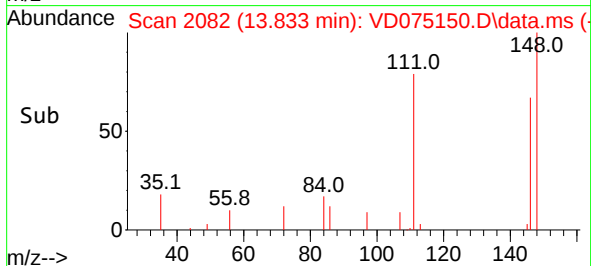
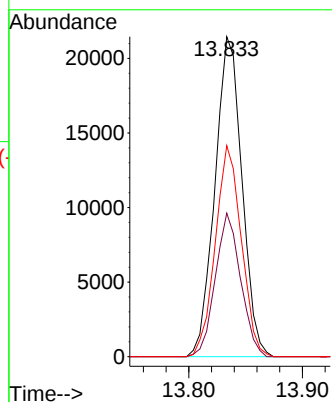
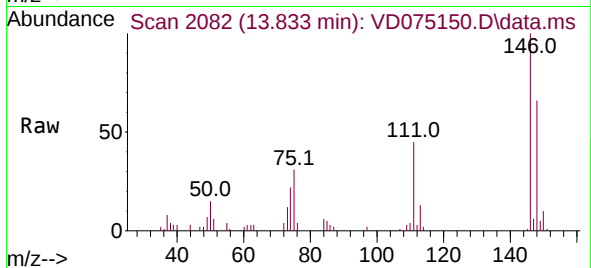
Tgt Ion:146 Resp: 35436

Ion Ratio Lower Upper

146 100

111 41.9 20.4 61.2

148 63.5 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.739 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

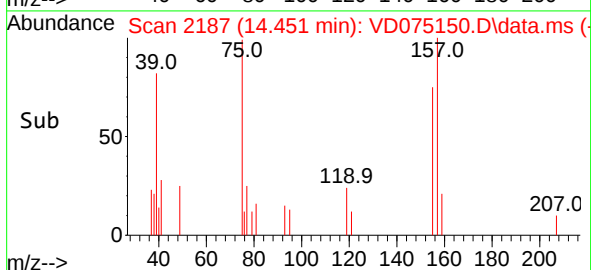
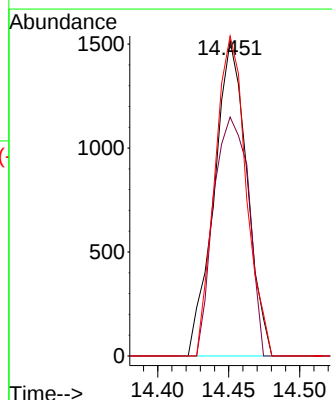
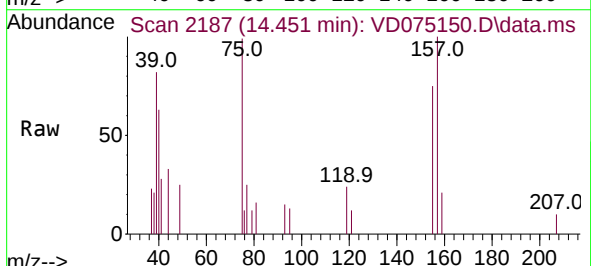
Tgt Ion: 75 Resp: 2427

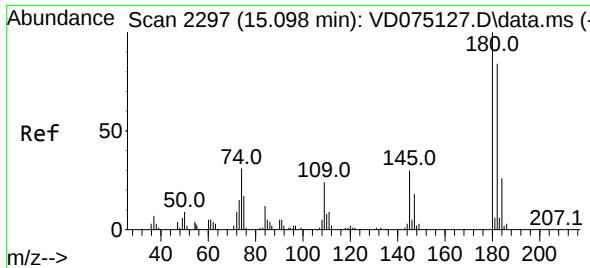
Ion Ratio Lower Upper

75 100

155 81.3 43.4 130.2

157 97.0 56.4 169.2

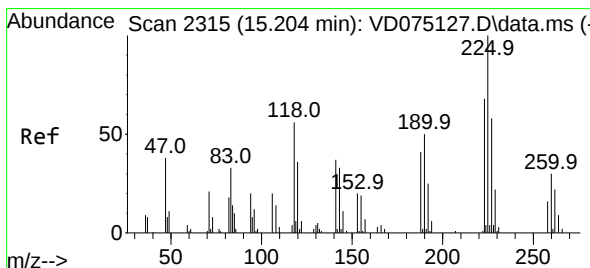
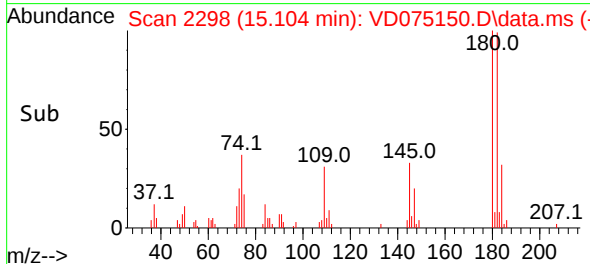
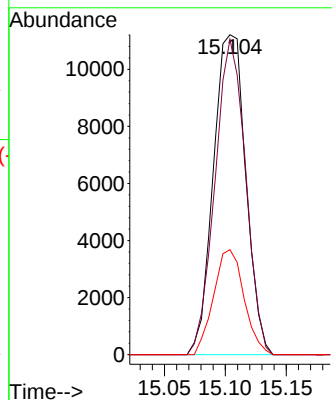
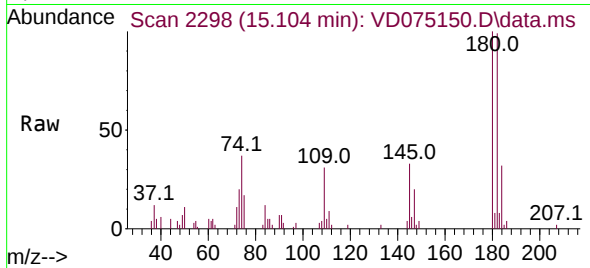




#93
 1,2,4-Trichlorobenzene
 Concen: 18.230 ug/l
 RT: 15.104 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: VD075150.D
 Acq: 20 Jan 2023 13:45

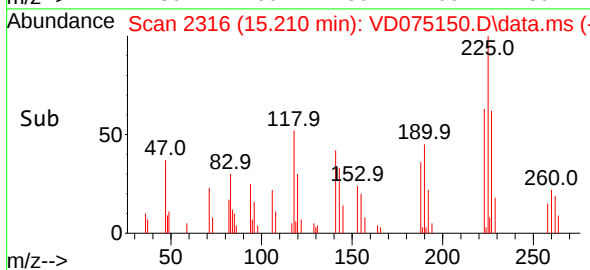
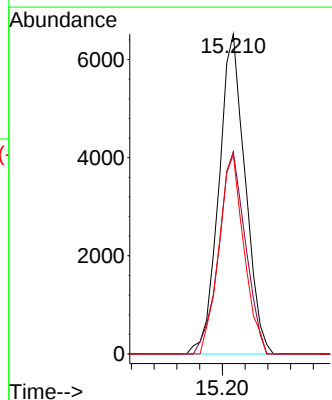
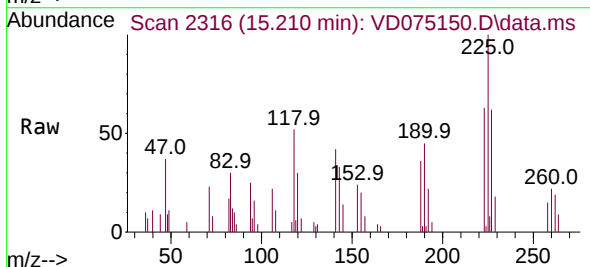
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0120SBS02

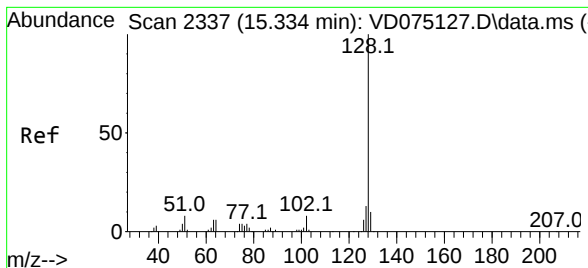
Tgt Ion:180 Resp: 20781
 Ion Ratio Lower Upper
 180 100
 182 92.9 46.2 138.6
 145 30.9 15.8 47.4



#94
 Hexachlorobutadiene
 Concen: 18.752 ug/l
 RT: 15.210 min Scan# 2316
 Delta R.T. 0.005 min
 Lab File: VD075150.D
 Acq: 20 Jan 2023 13:45

Tgt Ion:225 Resp: 10476
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.8 95.4
 227 59.2 30.7 92.1





#95

Naphthalene

Concen: 18.305 ug/l

RT: 15.339 min Scan# 21

Delta R.T. 0.005 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

Instrument :

MSVOA_D

ClientSampleId :

VD0120SBS02

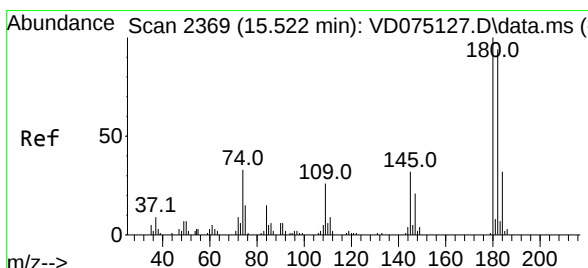
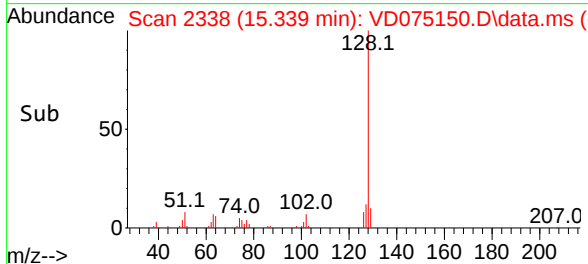
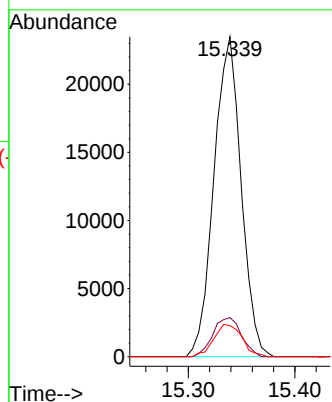
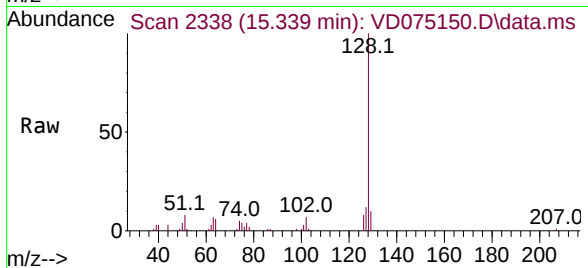
Tgt Ion:128 Resp: 41539

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 10.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.365 ug/l

RT: 15.527 min Scan# 2370

Delta R.T. 0.005 min

Lab File: VD075150.D

Acq: 20 Jan 2023 13:45

Tgt Ion:180 Resp: 17863

Ion Ratio Lower Upper

180 100

182 94.2 47.0 141.0

145 33.4 16.1 48.3

