

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030323\
 Data File : VD075442.D
 Acq On : 03 Mar 2023 09:30
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 03 23:20:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 03 04:38:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	330979	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	293242	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	149550	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	149454	18.186	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.760%
7) Chloroethane-d5	2.805	69	141124	19.843	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.360%
11) 1,1-Dichloroethene-d2	3.928	63	160324	20.886	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.560%
21) 2-Butanone-d5	6.987	46	30844	40.501	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.000%
24) Chloroform-d	7.569	84	190255	21.934	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.720%
26) 1,2-Dichloroethane-d4	8.234	65	79614	21.187	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.760%
32) Benzene-d6	8.205	84	380087	21.825	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.320%
36) 1,2-Dichloropropane-d6	9.211	67	107033	21.745	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.000%
41) Toluene-d8	10.269	98	347842	21.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.560%
43) trans-1,3-Dichloroprop...	10.528	79	43734	21.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.960%
47) 2-Hexanone-d5	10.881	63	28755	40.496	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.000%
56) 1,1,2,2-Tetrachloroeth...	12.652	84	89282	21.685	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.720%
66) 1,2-Dichlorobenzene-d4	13.816	152	112335	21.474	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	122202	23.999	ug/L	98
3) Chloromethane	2.152	50	175237	20.464	ug/L	100
5) Vinyl chloride	2.287	62	255178	23.695	ug/L	99
6) Bromomethane	2.699	94	168370	32.988	ug/L	99
8) Chloroethane	2.840	64	173841	25.670	ug/L	96
9) Trichlorofluoromethane	3.181	101	202172	25.078	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	140570	25.240	ug/L	97
12) 1,1-Dichloroethene	3.940	96	120790	24.631	ug/L	97
13) Acetone	4.023	43	40614	47.210	ug/L	70
14) Carbon disulfide	4.275	76	339477	24.757	ug/L	98
15) Methyl Acetate	4.570	43	34760	23.809	ug/L	97
16) Methylene chloride	4.805	84	141037	20.176	ug/L	99
17) trans-1,2-Dichloroethene	5.317	96	134568	25.599	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	238175	24.380	ug/L	99
19) 1,1-Dichloroethane	6.117	63	227843	25.621	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	152915	25.751	ug/L	96
22) 2-Butanone	7.081	43	48209	44.161	ug/L	94
23) Bromochloromethane	7.428	128	66760	26.241	ug/L	95
25) Chloroform	7.599	83	252373	26.027	ug/L	99

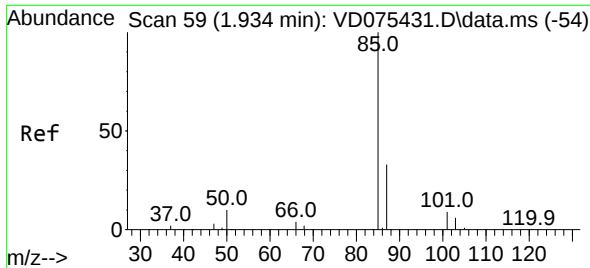
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030323\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 03 04:38:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	131391	25.127	ug/L	97
29) Cyclohexane	7.881	56	158570	25.272	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	207394	26.303	ug/L	99
31) Carbon tetrachloride	7.993	117	170029	27.150	ug/L	100
33) Benzene	8.252	78	547855	25.996	ug/L	100
34) Trichloroethene	9.028	95	141973	25.796	ug/L	96
35) Methylcyclohexane	9.275	83	221516	25.782	ug/L	100
37) 1,2-Dichloropropane	9.305	63	134779	26.026	ug/L	100
38) Bromodichloromethane	9.587	83	180871	26.403	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	202426	25.542	ug/L	96
40) 4-Methyl-2-pentanone	10.163	43	98622	49.660	ug/L	98
42) Toluene	10.334	91	627889	27.215	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	167391	25.635	ug/L	94
45) 1,1,2-Trichloroethane	10.734	97	109172	26.394	ug/L	97
46) Tetrachloroethene	10.810	164	112404	26.653	ug/L	97
48) 2-Hexanone	10.922	43	72930	49.912	ug/L	97
49) Dibromochloromethane	11.075	129	118321	26.188	ug/L	97
50) 1,2-Dibromoethane	11.181	107	97567	26.096	ug/L	98
51) Chlorobenzene	11.610	112	390490	26.040	ug/L	98
52) Ethylbenzene	11.687	91	663004	27.023	ug/L	98
53) m,p-Xylene	11.799	106	262334	27.138	ug/L	96
54) o-Xylene	12.122	106	251826	27.539	ug/L	99
55) Styrene	12.140	104	451100	27.775	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	116644	25.767	ug/L	96
59) Bromoform	12.304	173	67630	25.062	ug/L	99
60) Isopropylbenzene	12.422	105	675976	26.876	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	74537	24.864	ug/L	99
62) 1,3,5-Trimethylbenzene	12.910	105	512264	27.131	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	506417	27.430	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	289529	26.022	ug/L	96
65) 1,4-Dichlorobenzene	13.540	146	298627	26.092	ug/L	96
67) 1,2-Dichlorobenzene	13.834	146	256876	25.911	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	14521	24.943	ug/L	88
69) 1,3,5-Trichlorobenzene	14.598	180	178088	25.524	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	139375	24.845	ug/L	99
71) Naphthalene	15.334	128	270666	24.326	ug/L	98
72) 1,2,3-Trichlorobenzene	15.528	180	125560	25.392	ug/L	98

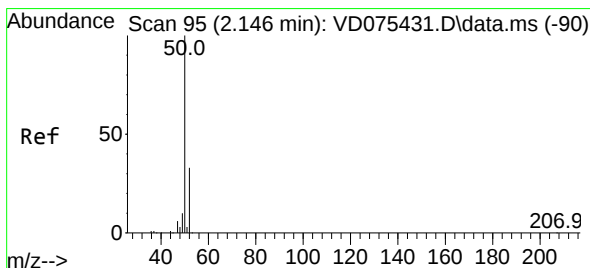
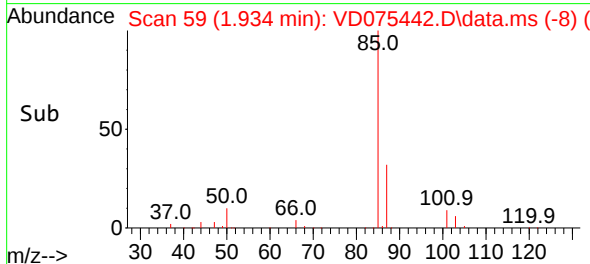
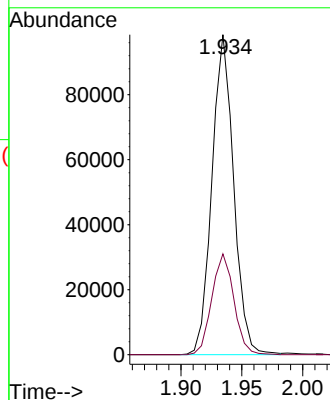
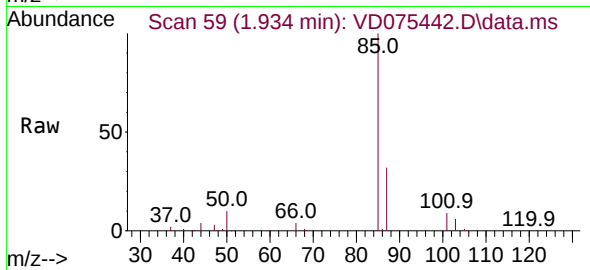
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#2
 Dichlorodifluoromethane
 Concen: 23.999 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD075442.D
 Acq: 03 Mar 2023 09:30

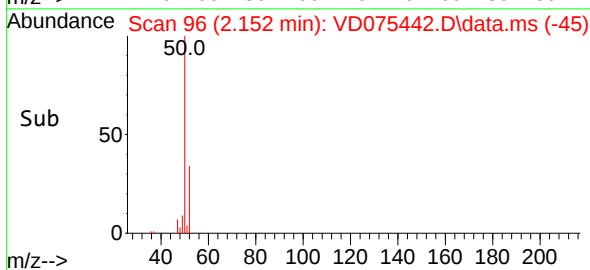
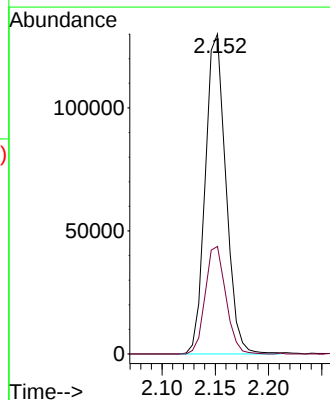
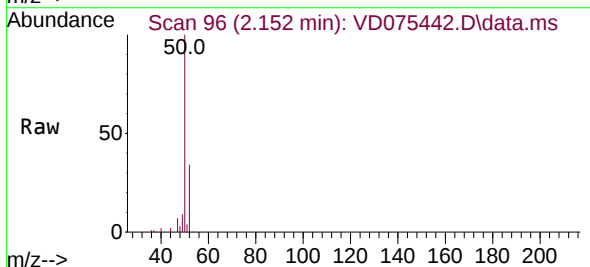
Instrument :
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 ClientSampleId :

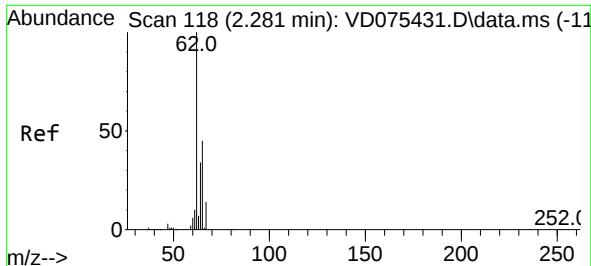
Tgt Ion: 85 Resp: 122202
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.4 39.6



#3
 Chloromethane
 Concen: 20.464 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VD075442.D
 Acq: 03 Mar 2023 09:30

Tgt Ion: 50 Resp: 175237
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.7 43.9

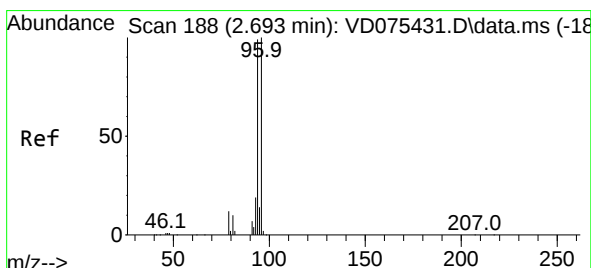
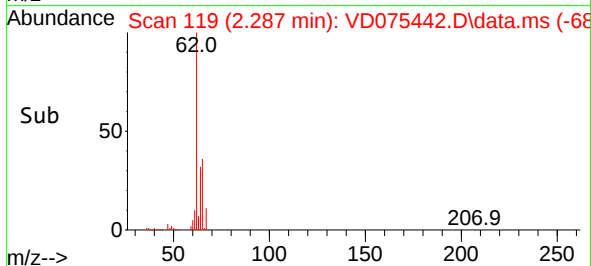
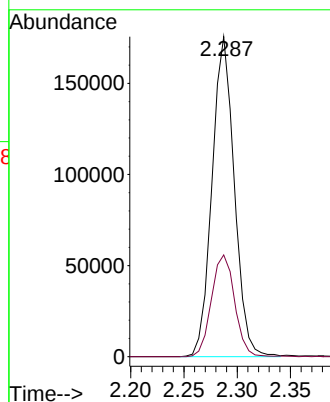
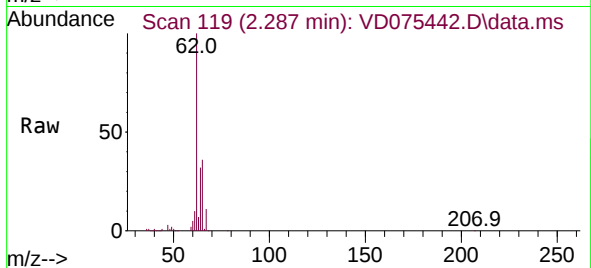




#5
Vinyl chloride
Concen: 23.695 ug/L
RT: 2.287 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

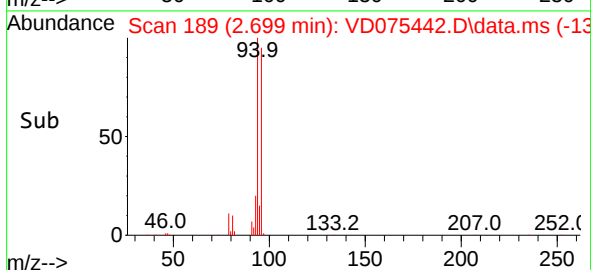
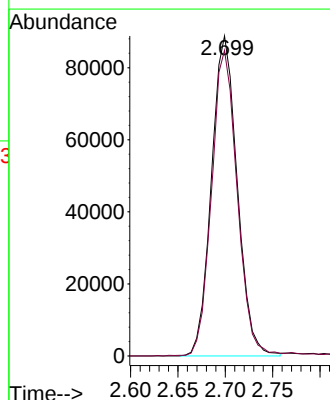
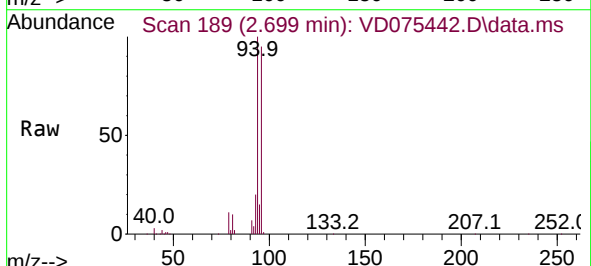
Instrument :
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ClientSampleId :

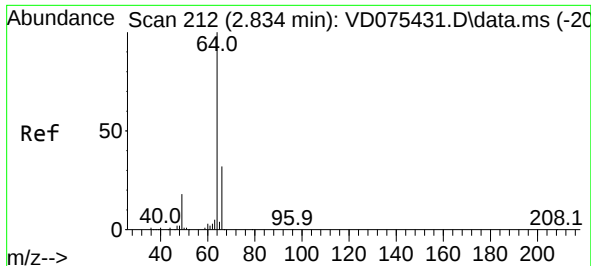
Tgt Ion: 62 Resp: 255178
Ion Ratio Lower Upper
62 100
64 31.8 22.7 42.3



#6
Bromomethane
Concen: 32.988 ug/L
RT: 2.699 min Scan# 189
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

Tgt Ion: 94 Resp: 168370
Ion Ratio Lower Upper
94 100
96 95.5 65.9 122.5

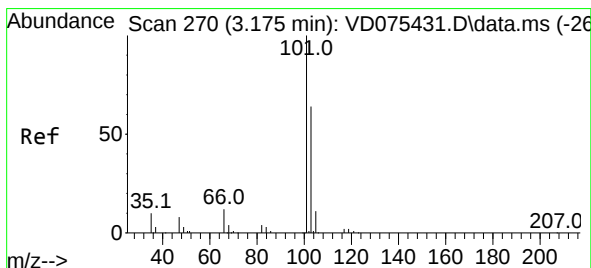
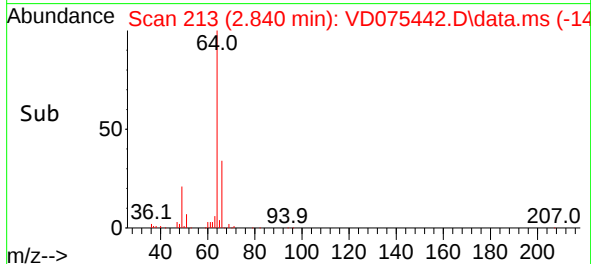
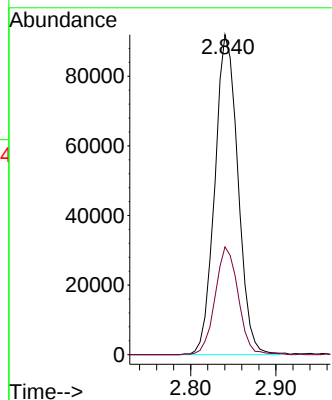
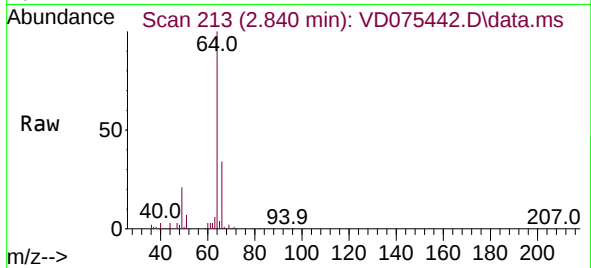




#8
Chloroethane
Concen: 25.670 ug/L
RT: 2.840 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

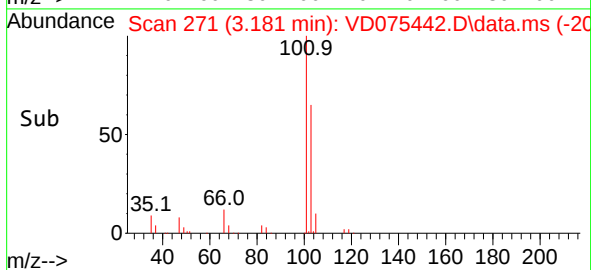
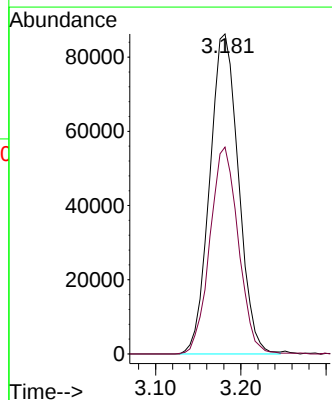
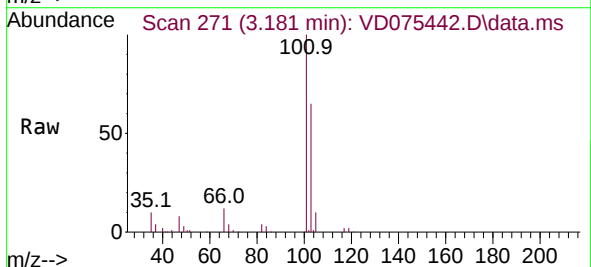
Instrument :
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ClientSampleId :

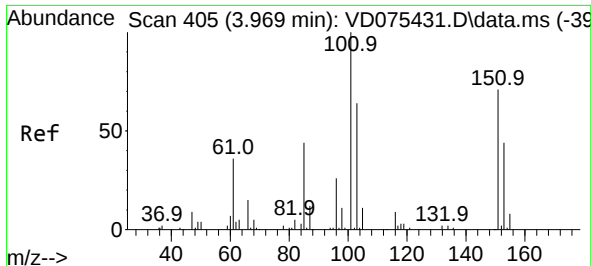
Tgt Ion: 64 Resp: 173841
Ion Ratio Lower Upper
64 100
66 33.7 22.2 41.2



#9
Trichlorofluoromethane
Concen: 25.078 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

Tgt Ion:101 Resp: 202172
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.8

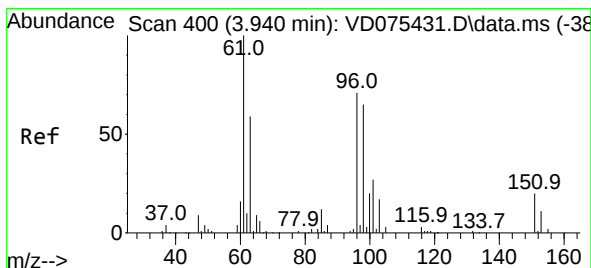
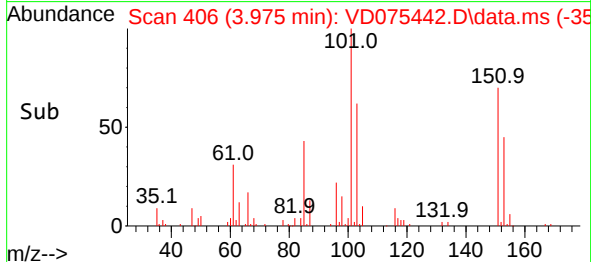
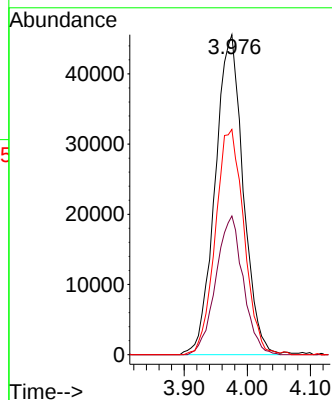
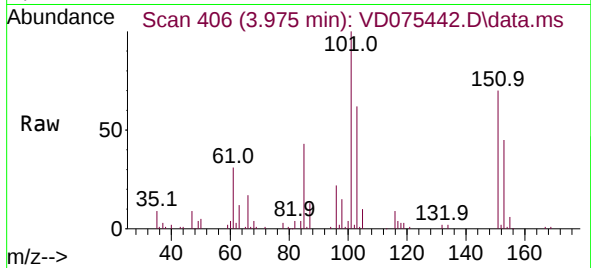




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.240 ug/L
 RT: 3.975 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VD075442.D
 Acq: 03 Mar 2023 09:30

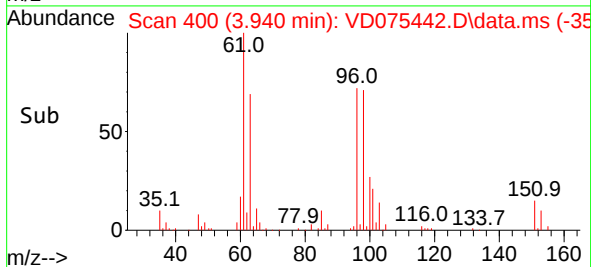
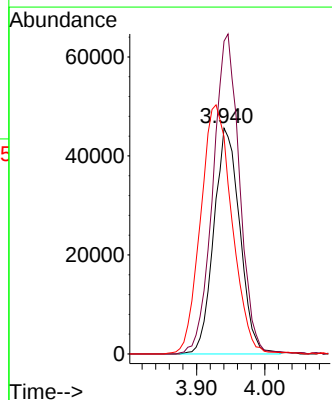
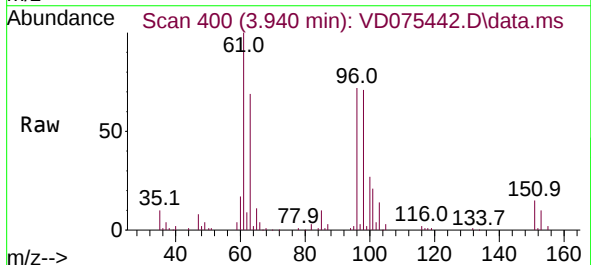
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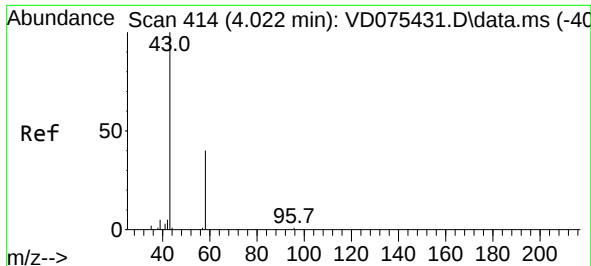
Tgt Ion:101 Resp: 140570
 Ion Ratio Lower Upper
 101 100
 85 42.3 34.0 51.0
 151 71.7 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 24.631 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: VD075442.D
 Acq: 03 Mar 2023 09:30

Tgt Ion: 96 Resp: 120790
 Ion Ratio Lower Upper
 96 100
 61 138.5 97.5 181.1
 63 96.2 62.4 116.0





#13

Acetone

Concen: 47.210 ug/L

RT: 4.023 min Scan# 41

Delta R.T. 0.000 min

Lab File: VD075442.D

Acq: 03 Mar 2023 09:30

Instrument :

MSVOA_D

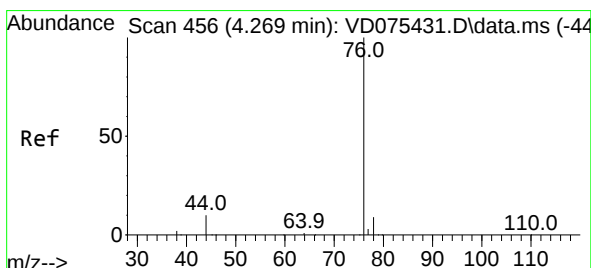
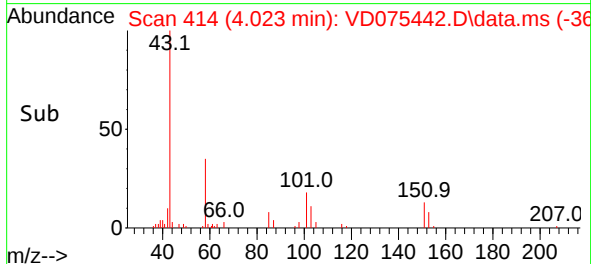
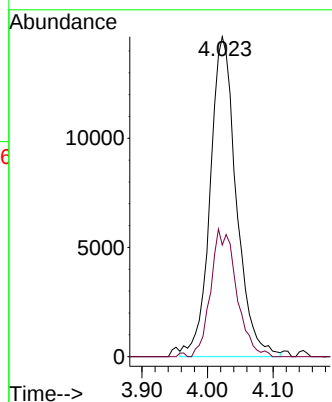
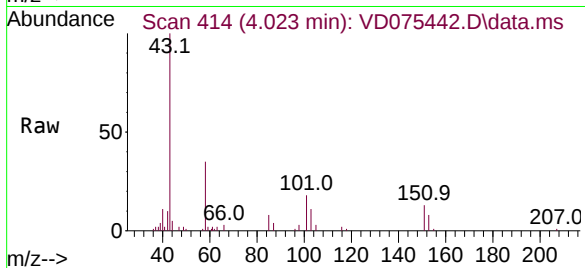
ClientSampleId :

Tgt Ion: 43 Resp: 40614

Ion Ratio Lower Upper

43 100

58 19.6 0.0 75.4



#14

Carbon disulfide

Concen: 24.757 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD075442.D

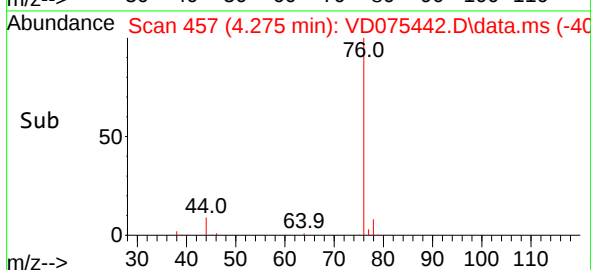
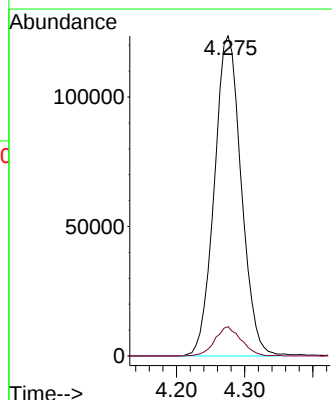
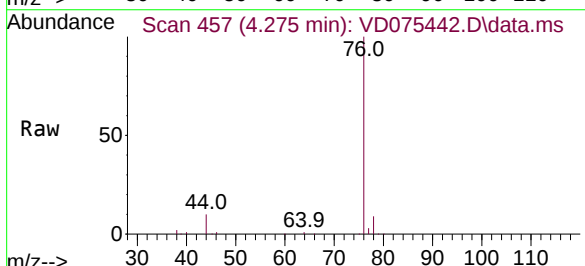
Acq: 03 Mar 2023 09:30

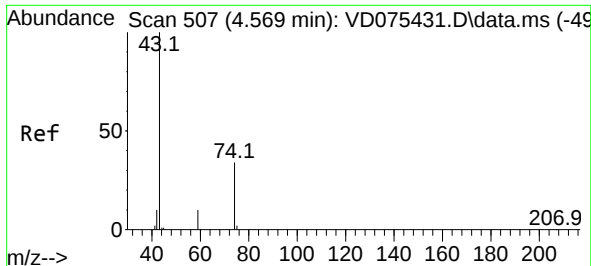
Tgt Ion: 76 Resp: 339477

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2

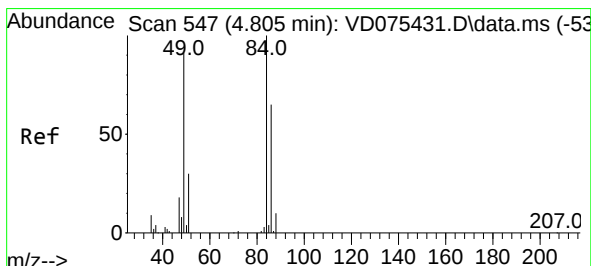
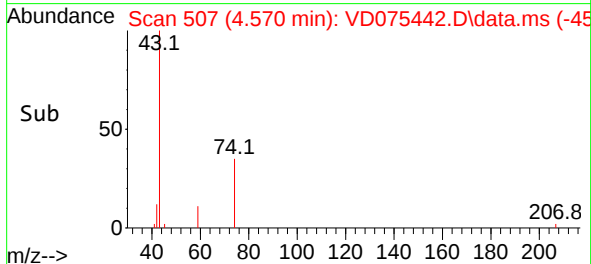
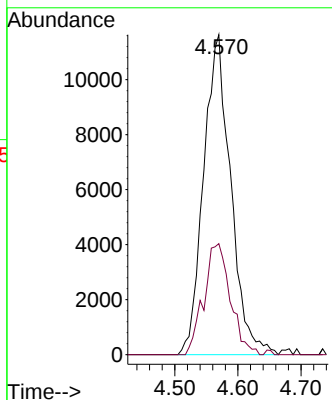
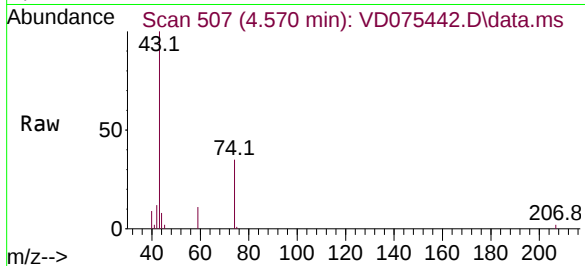




#15
Methyl Acetate
Concen: 23.809 ug/L
RT: 4.570 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

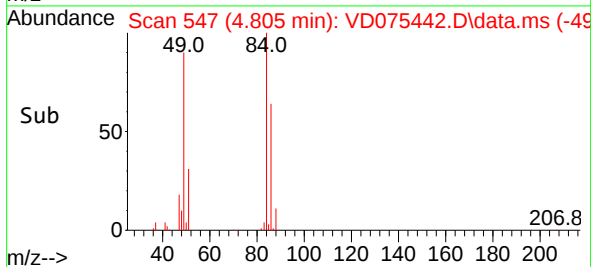
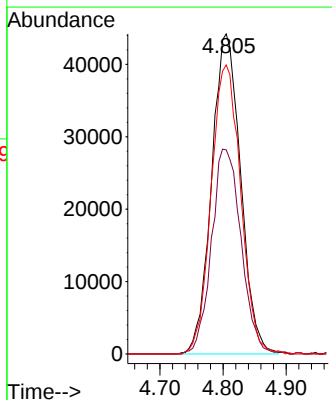
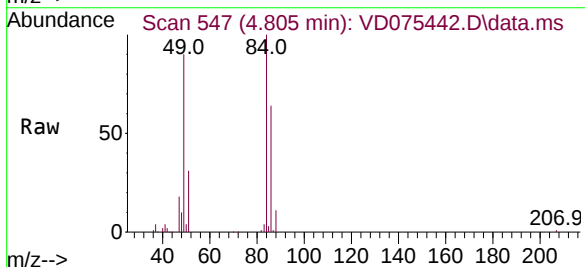
Instrument :
MSVOA_D
ClientSampleId :

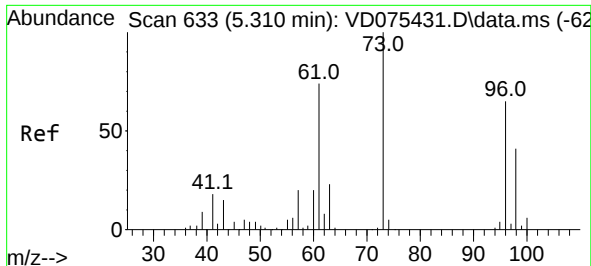
Tgt Ion: 43 Resp: 34760
Ion Ratio Lower Upper
43 100
74 33.8 25.7 38.5



#16
Methylene chloride
Concen: 20.176 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

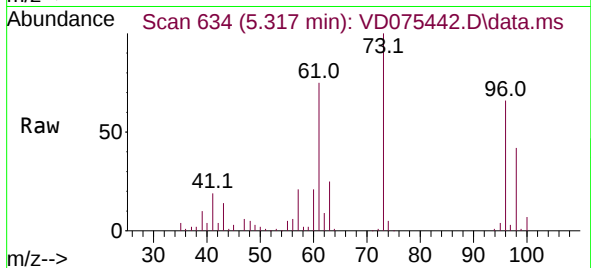
Tgt Ion: 84 Resp: 141037
Ion Ratio Lower Upper
84 100
86 63.8 44.2 82.2
49 90.3 63.6 118.2



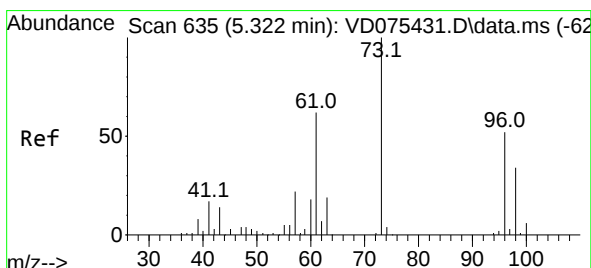
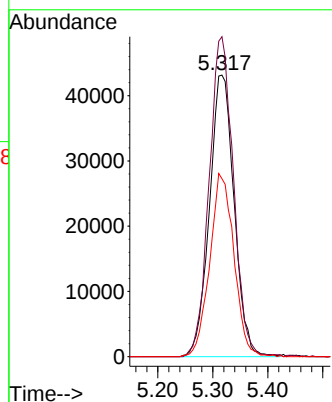
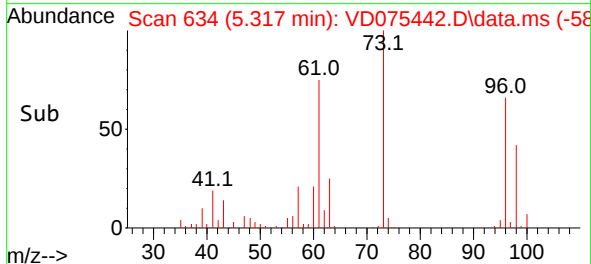


#17
trans-1,2-Dichloroethene
Concen: 25.599 ug/L
RT: 5.317 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

Instrument :
MSVOA_D
ClientSampleId :

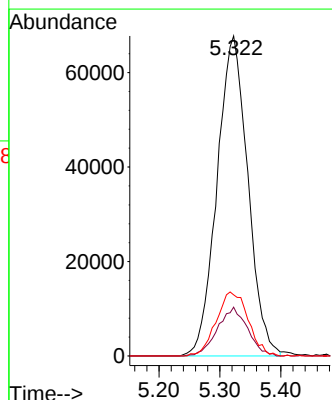
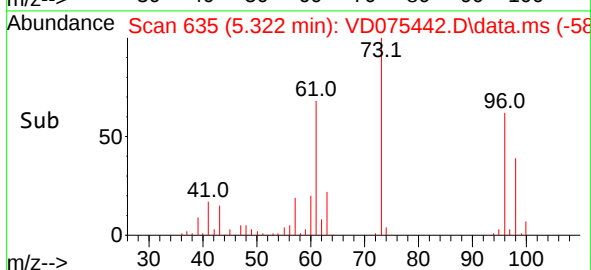
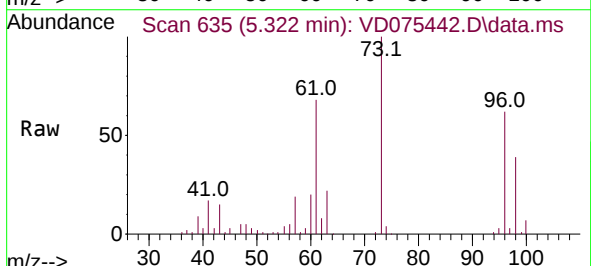


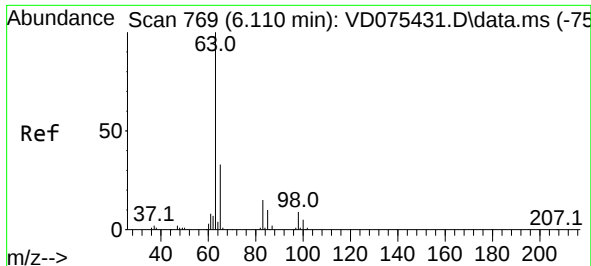
Tgt Ion: 96 Resp: 134568
Ion Ratio Lower Upper
96 100
61 113.6 77.8 144.6
98 63.2 47.0 87.4



#18
Methyl tert-butyl Ether
Concen: 24.380 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

Tgt Ion: 73 Resp: 238175
Ion Ratio Lower Upper
73 100
43 14.9 12.1 18.1
57 20.6 17.0 25.4





#19

1,1-Dichloroethane

Concen: 25.621 ug/L

RT: 6.117 min Scan# 7

Delta R.T. 0.000 min

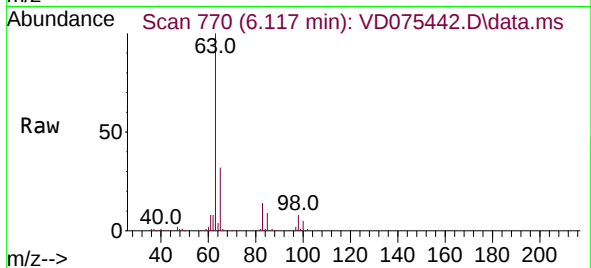
Lab File: VD075442.D

Acq: 03 Mar 2023 09:30

Instrument :

MSVOA_D

ClientSampleId :



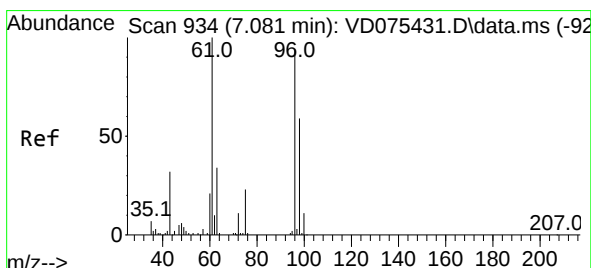
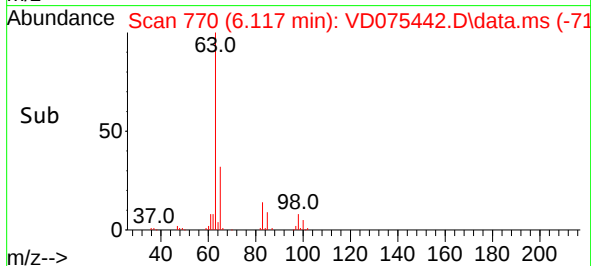
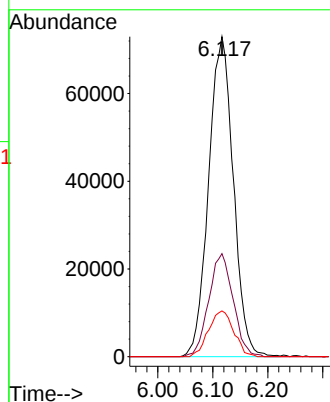
Tgt Ion: 63 Resp: 227843

Ion Ratio Lower Upper

63 100

65 32.2 21.1 39.3

83 14.3 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 25.751 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD075442.D

Acq: 03 Mar 2023 09:30

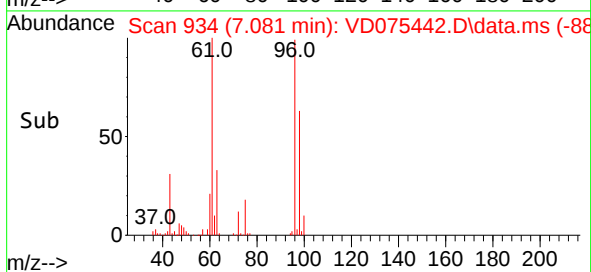
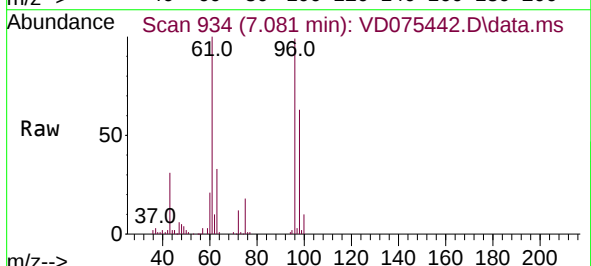
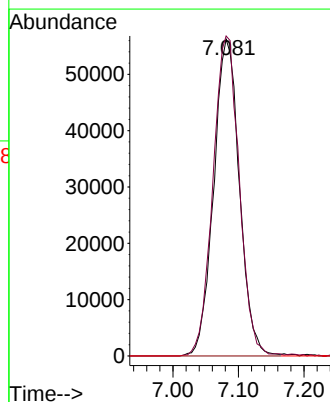
Tgt Ion: 96 Resp: 152915

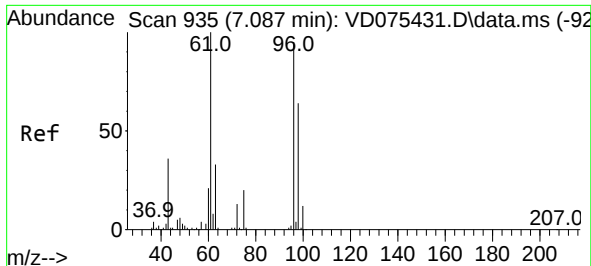
Ion Ratio Lower Upper

96 100

61 101.1 73.9 137.3

68 0.0 0.0 0.0

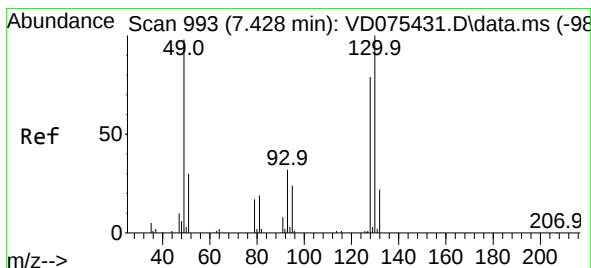
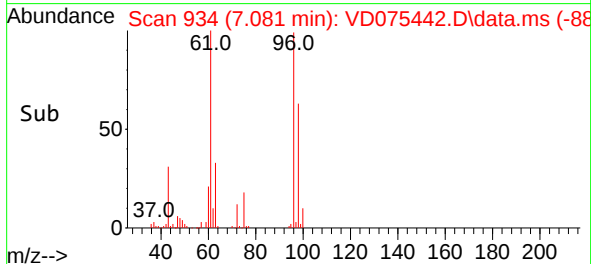
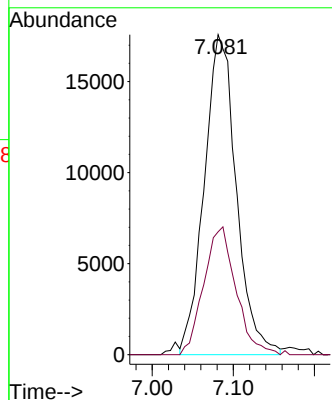
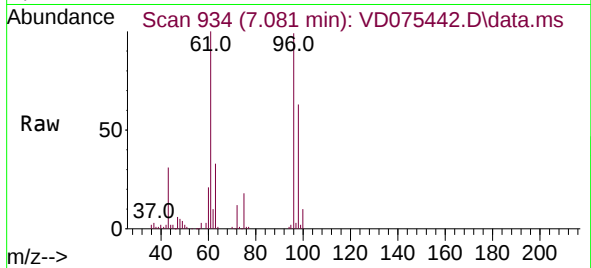




#22
2-Butanone
Concen: 44.161 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

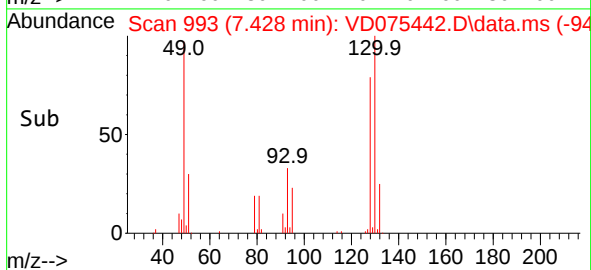
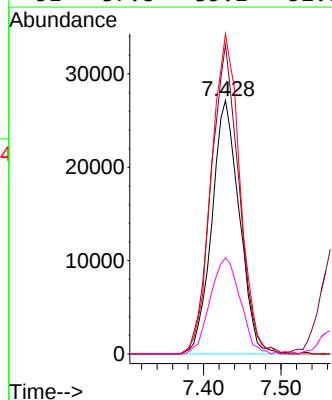
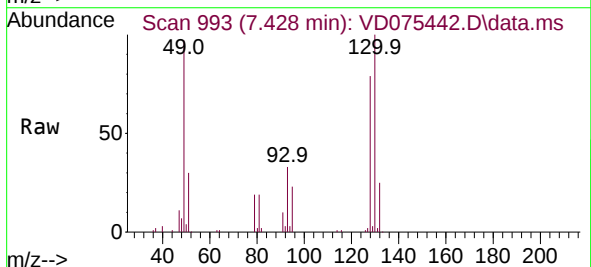
Instrument :
MSVOA_D
ClientSampleId :

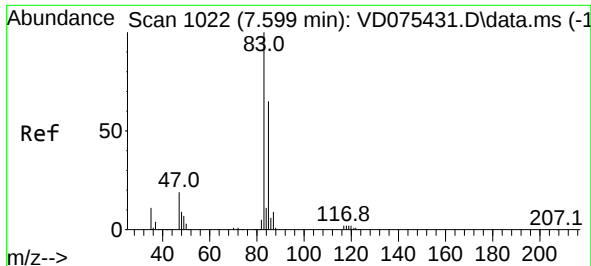
Tgt Ion: 43 Resp: 48209
Ion Ratio Lower Upper
43 100
72 40.1 18.3 54.9



#23
Bromochloromethane
Concen: 26.241 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

Tgt Ion: 128 Resp: 66760
Ion Ratio Lower Upper
128 100
49 121.9 84.2 156.4
130 126.2 82.5 153.1
51 37.8 35.1 52.7





#25

Chloroform

Concen: 26.027 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD075442.D

Acq: 03 Mar 2023 09:30

Instrument :

MSVOA_D

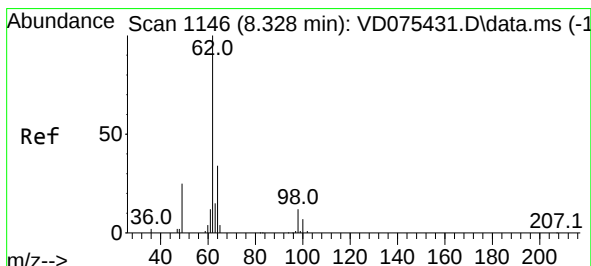
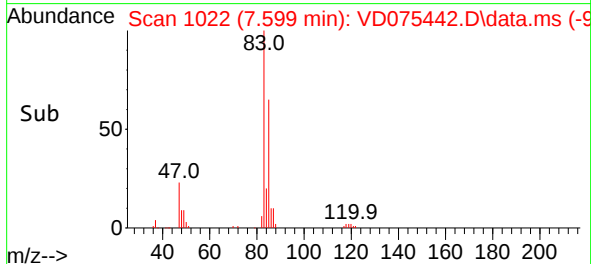
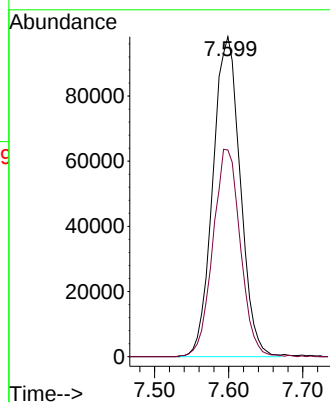
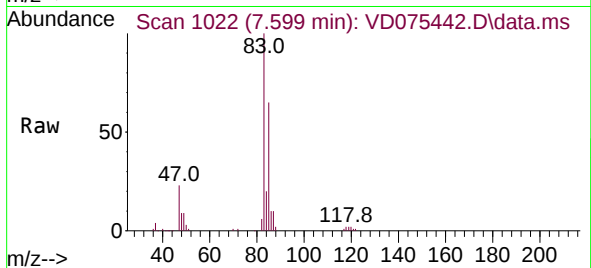
ClientSampleId :

Tgt Ion: 83 Resp: 252373

Ion Ratio Lower Upper

83 100

85 64.6 44.9 83.3



#27

1,2-Dichloroethane

Concen: 25.127 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD075442.D

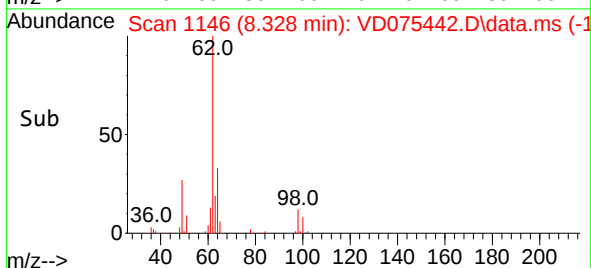
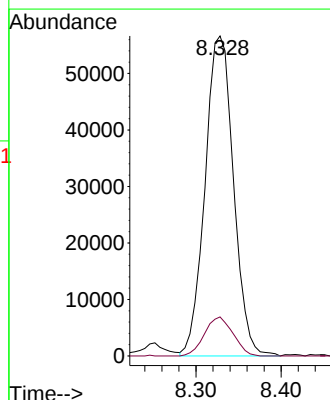
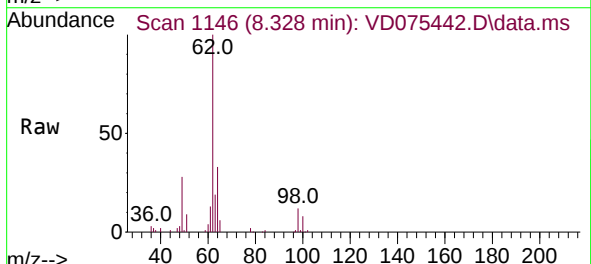
Acq: 03 Mar 2023 09:30

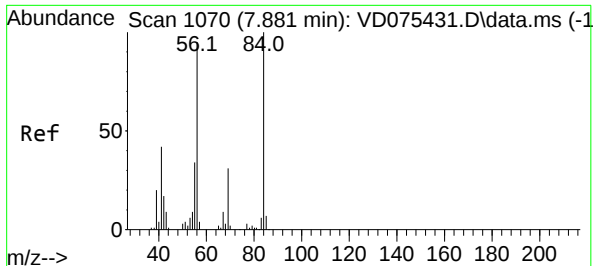
Tgt Ion: 62 Resp: 131391

Ion Ratio Lower Upper

62 100

98 12.2 8.8 13.2





#29

Cyclohexane

Concen: 25.272 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD075442.D

Acq: 03 Mar 2023 09:30

Instrument :

MSVOA_D

ClientSampleId :

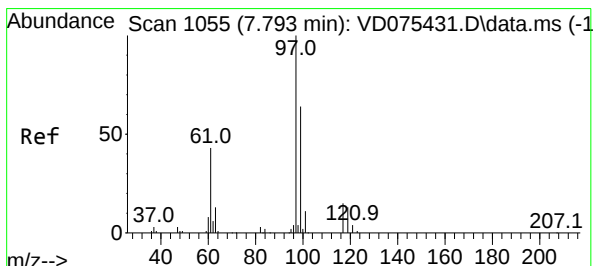
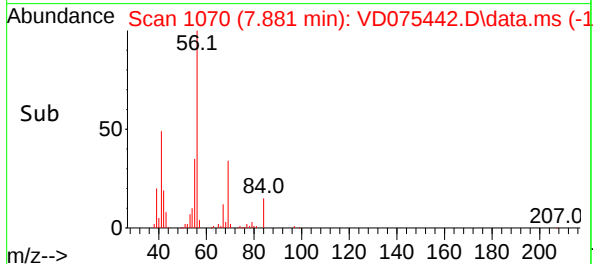
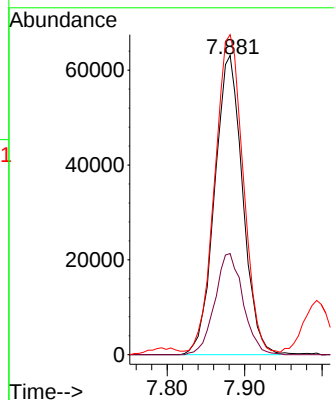
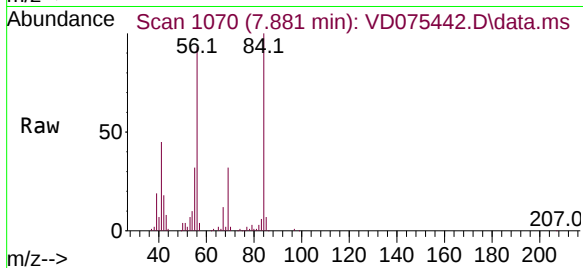
Tgt Ion: 56 Resp: 158570

Ion Ratio Lower Upper

56 100

69 34.0 27.0 40.6

84 109.6 85.0 127.6



#30

1,1,1-Trichloroethane

Concen: 26.303 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD075442.D

Acq: 03 Mar 2023 09:30

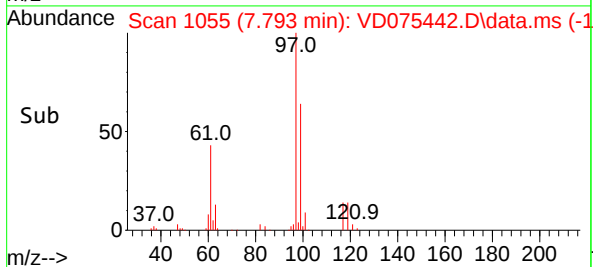
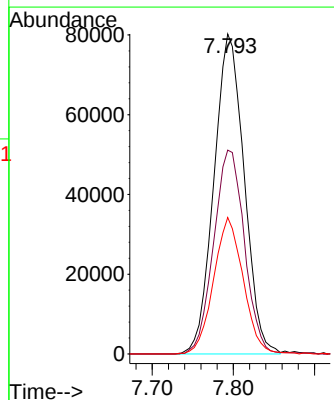
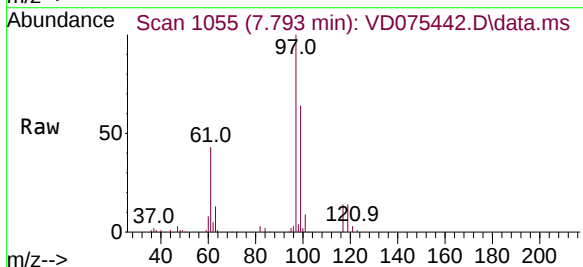
Tgt Ion: 97 Resp: 207394

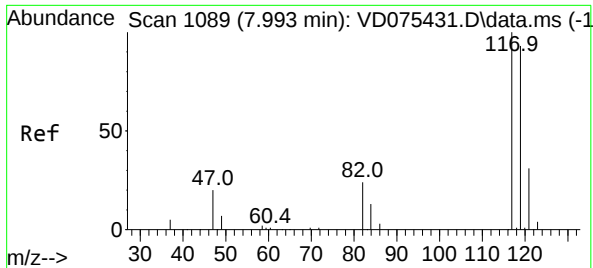
Ion Ratio Lower Upper

97 100

99 64.7 51.0 76.4

61 41.8 34.0 51.0

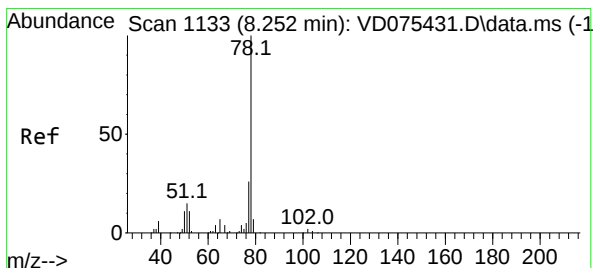
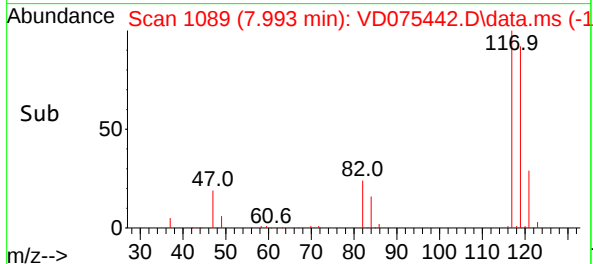
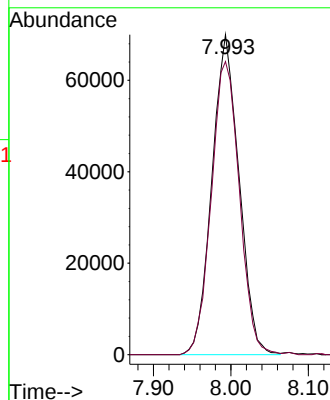
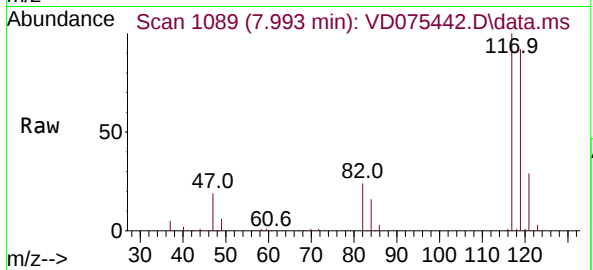




#31
Carbon tetrachloride
Concen: 27.150 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

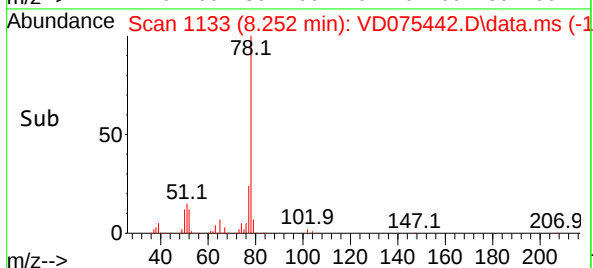
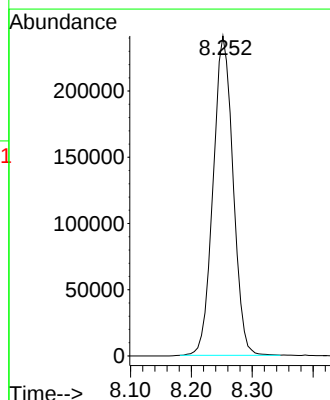
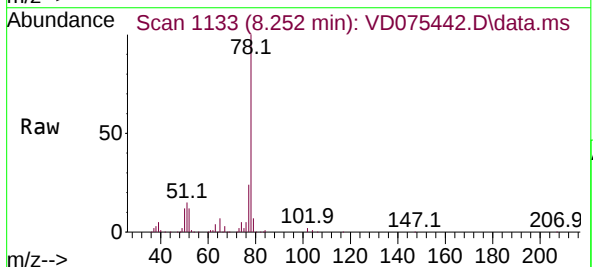
Instrument :
MSVOA_D
ClientSampleId :

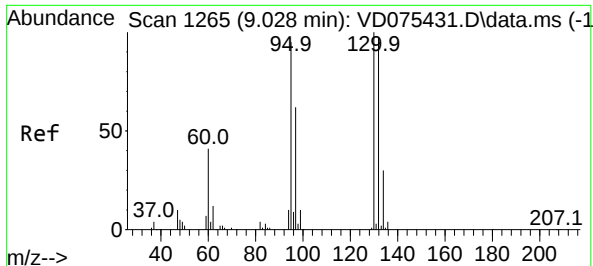
Tgt Ion:117 Resp: 170029
Ion Ratio Lower Upper
117 100
119 94.9 76.2 114.2



#33
Benzene
Concen: 25.996 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

Tgt Ion: 78 Resp: 547855





#34

Trichloroethene

Concen: 25.796 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD075442.D

Acq: 03 Mar 2023 09:30

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 141973

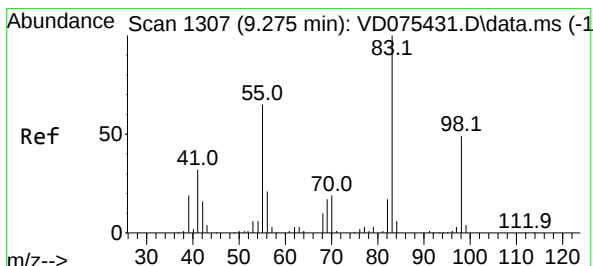
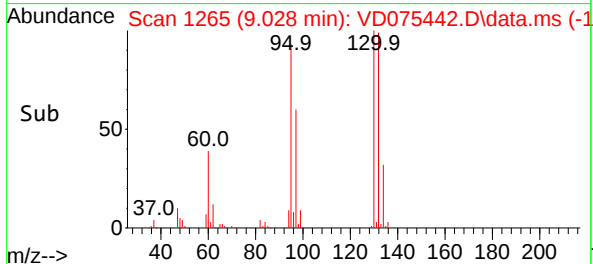
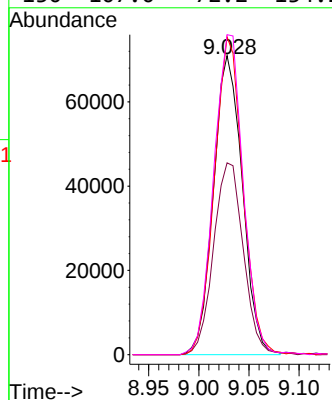
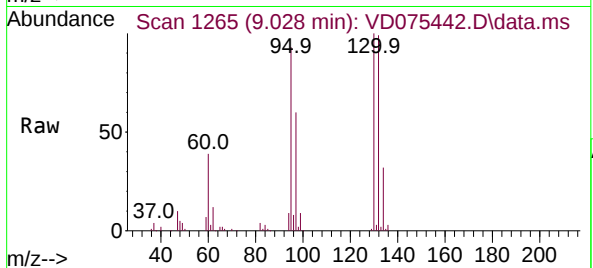
Ion Ratio Lower Upper

95 100

97 64.1 44.7 83.1

132 106.3 70.0 130.0

130 107.0 72.2 134.2



#35

Methylcyclohexane

Concen: 25.782 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD075442.D

Acq: 03 Mar 2023 09:30

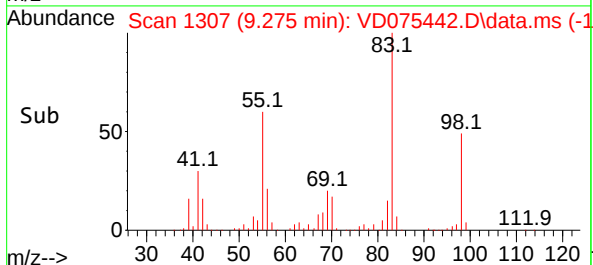
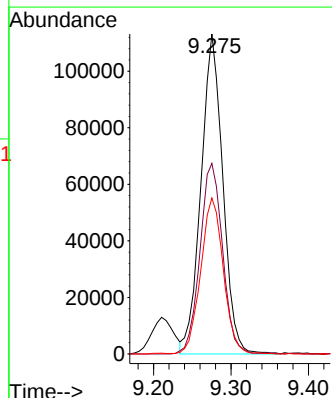
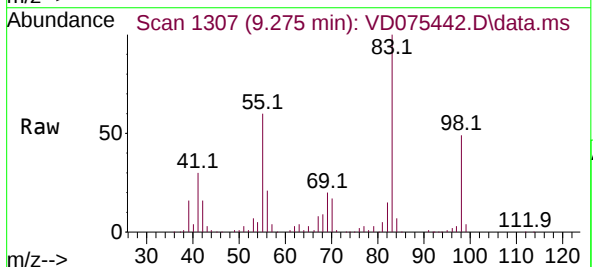
Tgt Ion: 83 Resp: 221516

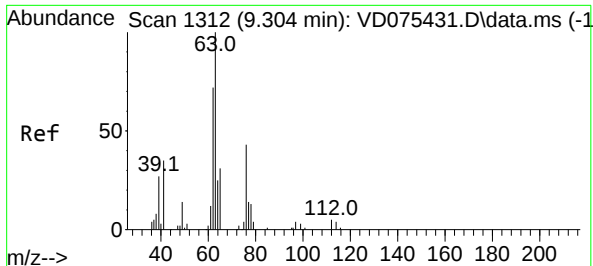
Ion Ratio Lower Upper

83 100

55 61.5 49.3 73.9

98 50.3 39.8 59.6





#37

1,2-Dichloropropane

Concen: 26.026 ug/L

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075442.D

Acq: 03 Mar 2023 09:30

Instrument :

MSVOA_D

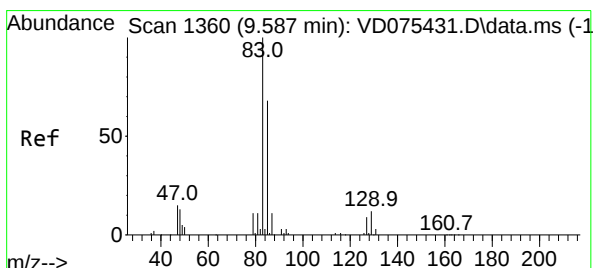
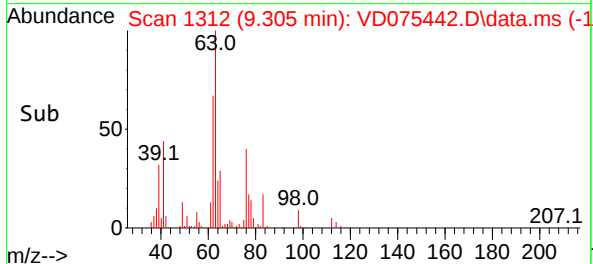
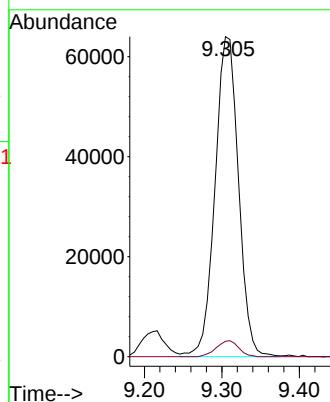
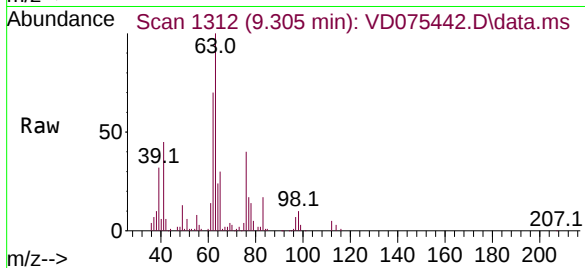
ClientSampleId :

Tgt Ion: 63 Resp: 134779

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.6



#38

Bromodichloromethane

Concen: 26.403 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075442.D

Acq: 03 Mar 2023 09:30

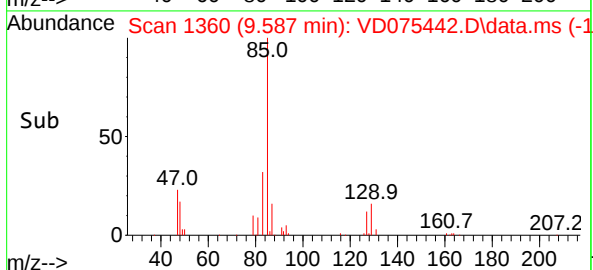
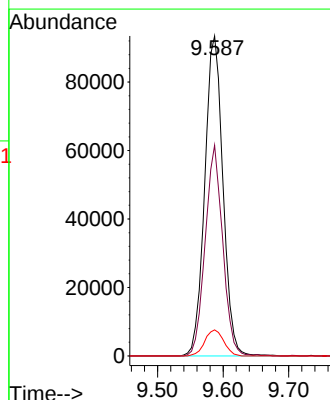
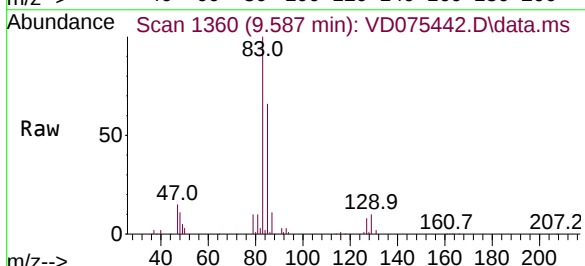
Tgt Ion: 83 Resp: 180871

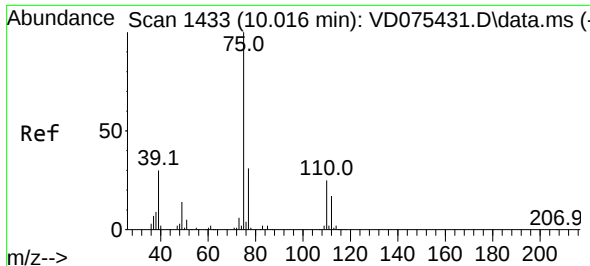
Ion Ratio Lower Upper

83 100

85 65.9 44.6 82.8

127 8.1 6.6 9.8

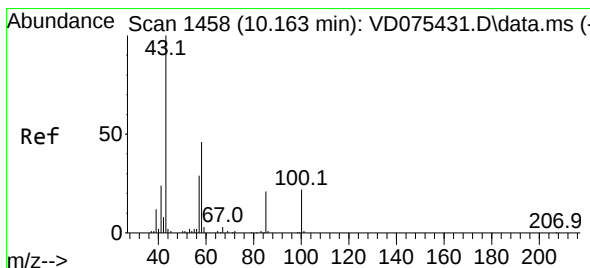
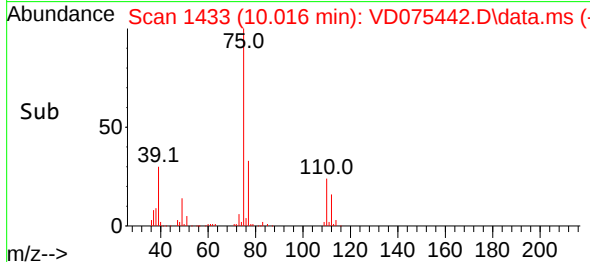
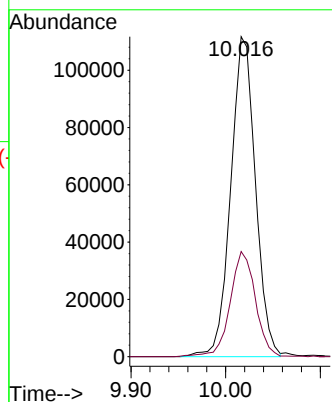
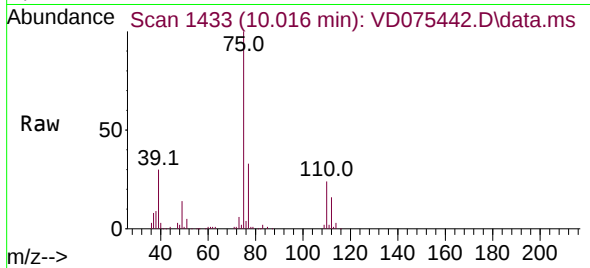




#39
 cis-1,3-Dichloropropene
 Concen: 25.542 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.006 min
 Lab File: VD075442.D
 Acq: 03 Mar 2023 09:30

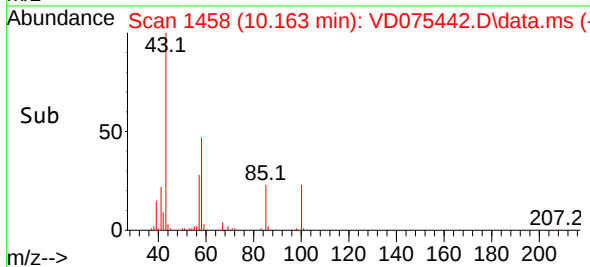
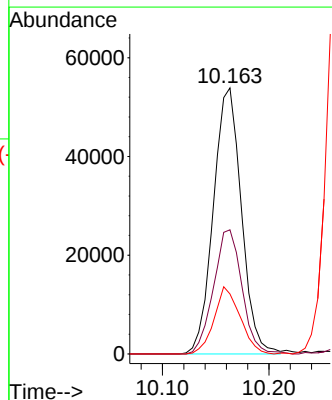
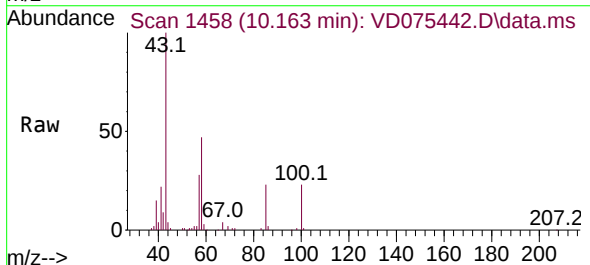
Instrument :
 MSVOA_D
 ClientSampleId :

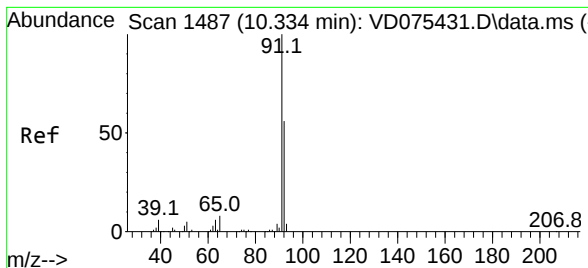
Tgt Ion: 75 Resp: 202426
 Ion Ratio Lower Upper
 75 100
 77 32.8 21.6 40.0



#40
 4-Methyl-2-pentanone
 Concen: 49.660 ug/L
 RT: 10.163 min Scan# 1458
 Delta R.T. 0.000 min
 Lab File: VD075442.D
 Acq: 03 Mar 2023 09:30

Tgt Ion: 43 Resp: 98622
 Ion Ratio Lower Upper
 43 100
 58 47.2 39.0 58.6
 100 23.4 18.7 28.1





#42

Toluene

Concen: 27.215 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075442.D

Acq: 03 Mar 2023 09:30

Instrument :

MSVOA_D

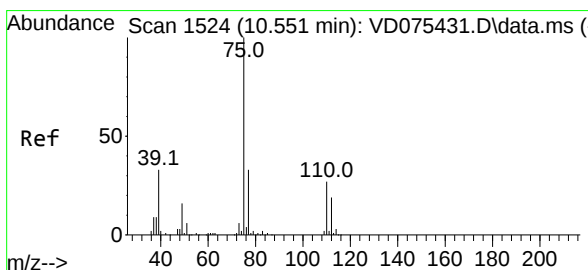
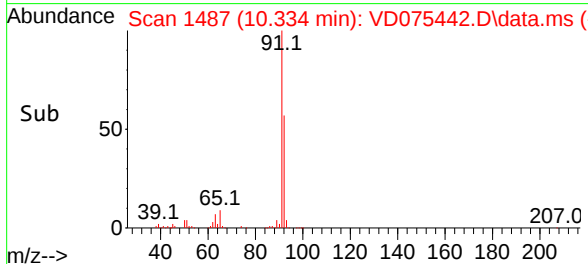
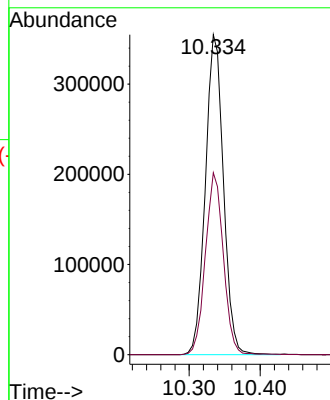
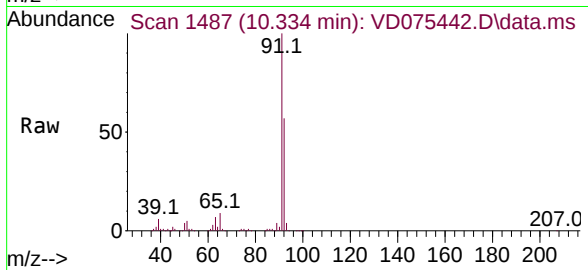
ClientSampleId :

Tgt Ion: 91 Resp: 627889

Ion Ratio Lower Upper

91 100

92 56.9 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 25.635 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD075442.D

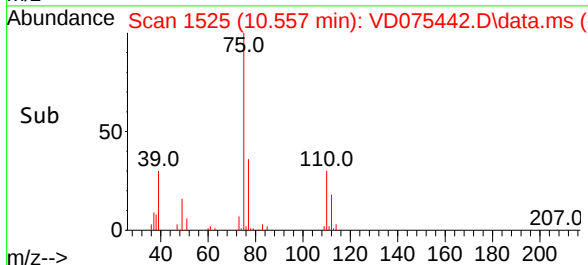
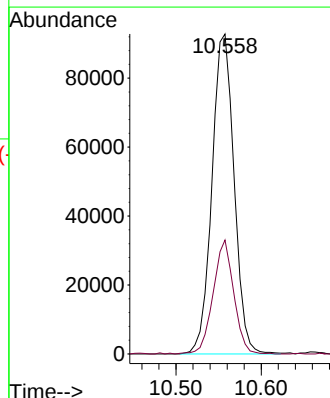
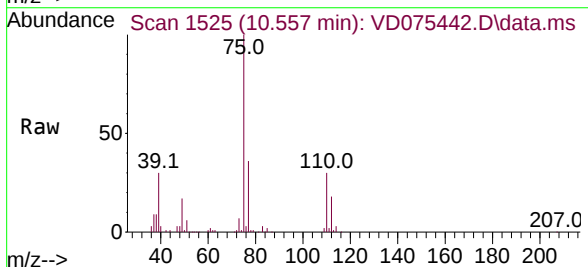
Acq: 03 Mar 2023 09:30

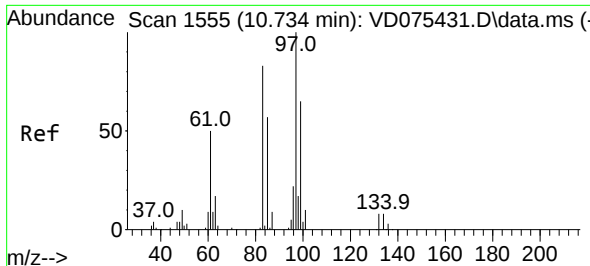
Tgt Ion: 75 Resp: 167391

Ion Ratio Lower Upper

75 100

77 35.6 22.4 41.6

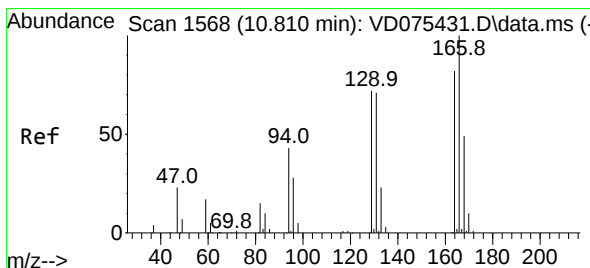
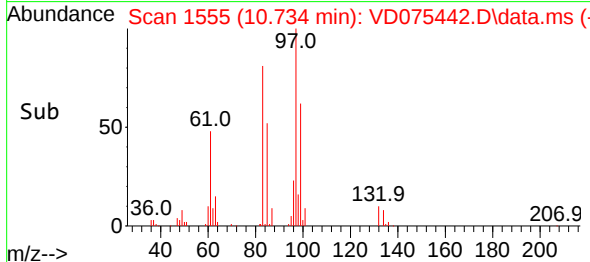
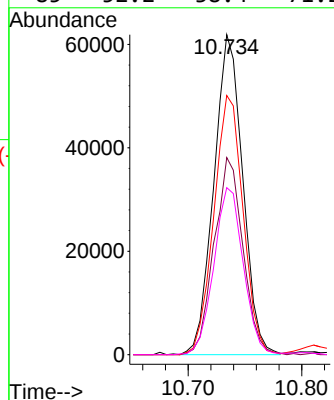
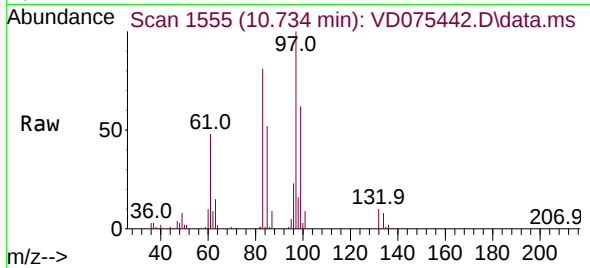




#45
1,1,2-Trichloroethane
Concen: 26.394 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

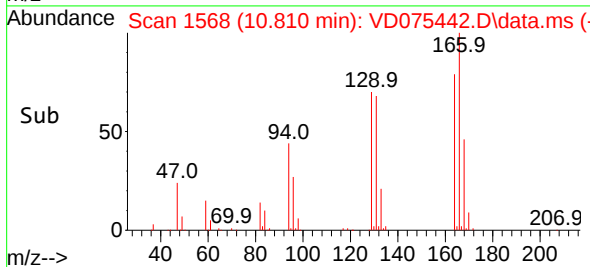
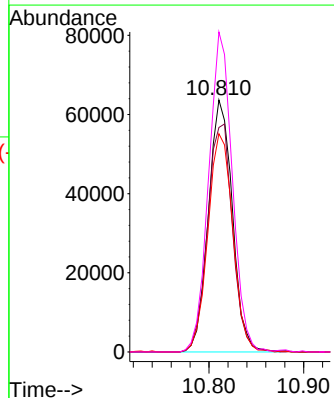
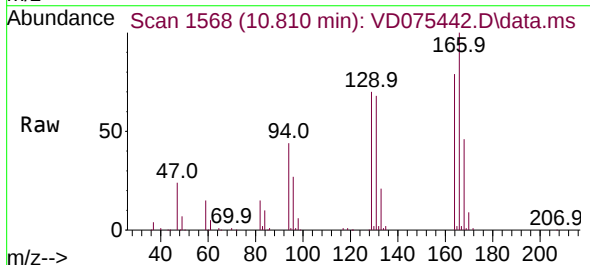
Instrument :
MSVOA_D
ClientSampleId :

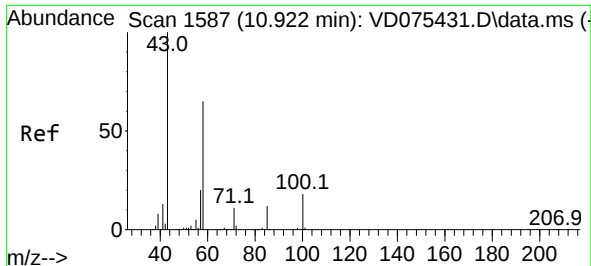
Tgt Ion: 97	Resp: 109172
Ion Ratio	Lower Upper
97 100	
99 61.6	40.9 76.0
83 81.0	57.7 107.1
85 52.2	38.4 71.2



#46
Tetrachloroethene
Concen: 26.653 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

Tgt	Ion:164	Resp:	112404
Ion	Ratio	Lower	Upper
164	100		
129	89.1	65.4	121.4
131	86.6	64.1	119.1
166	127.0	88.5	164.3

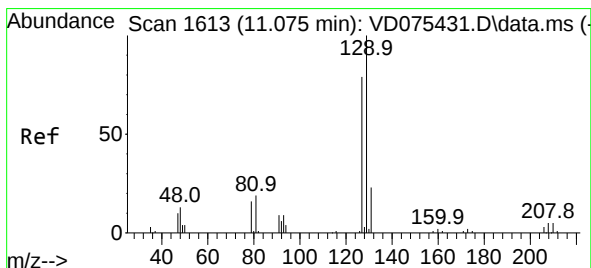
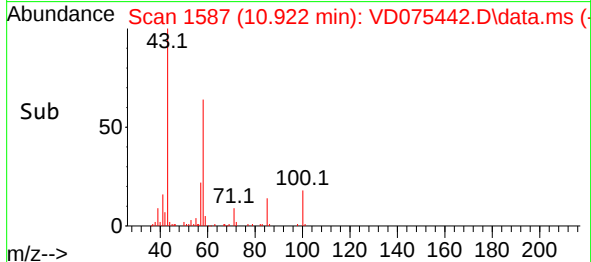
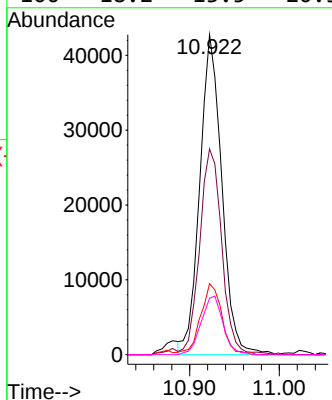
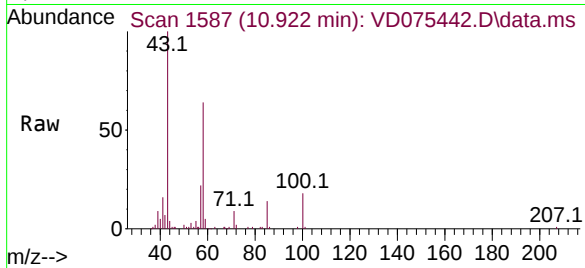




#48
2-Hexanone
Concen: 49.912 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

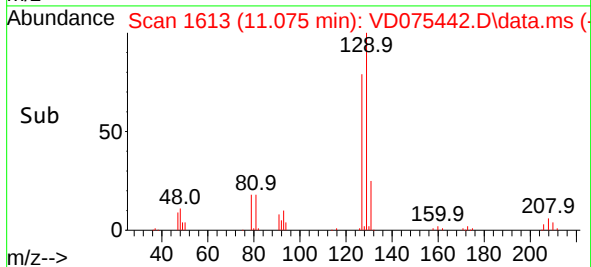
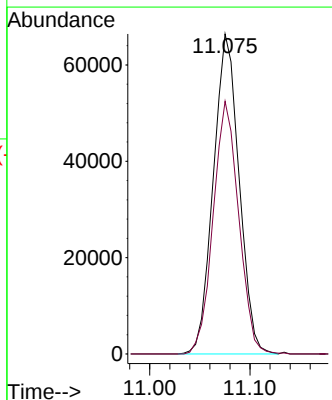
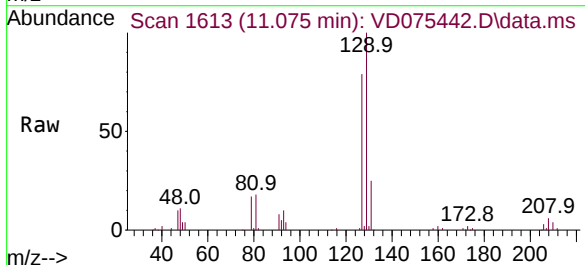
Instrument :
MSVOA_D
ClientSampleId :

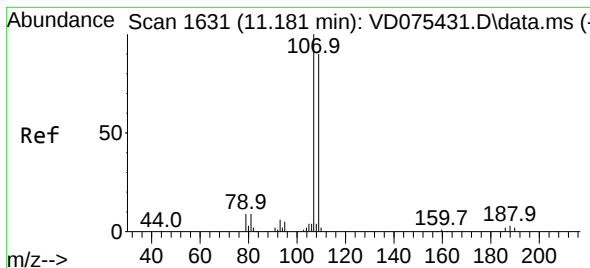
Tgt Ion: 43 Resp: 72930
Ion Ratio Lower Upper
43 100
58 64.1 53.1 79.7
57 21.6 16.7 25.1
100 18.2 13.5 20.3



#49
Dibromochloromethane
Concen: 26.188 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

Tgt Ion: 129 Resp: 118321
Ion Ratio Lower Upper
129 100
127 79.0 53.7 99.7





#50

1,2-Dibromoethane

Concen: 26.096 ug/L

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075442.D

Acq: 03 Mar 2023 09:30

Instrument :

MSVOA_D

ClientSampleId :

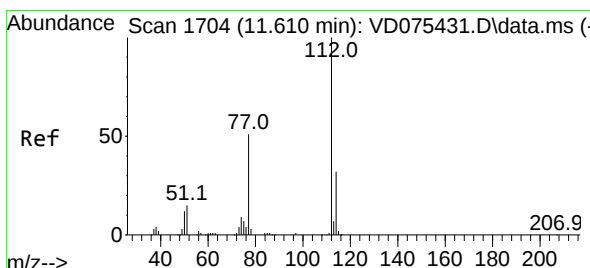
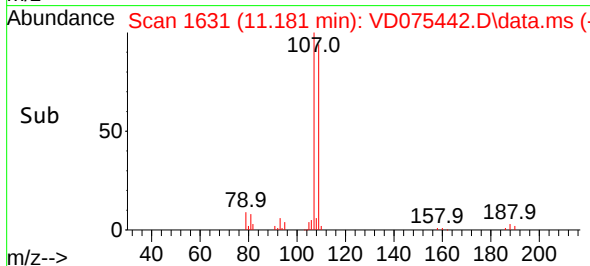
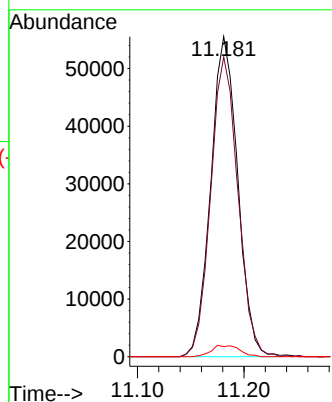
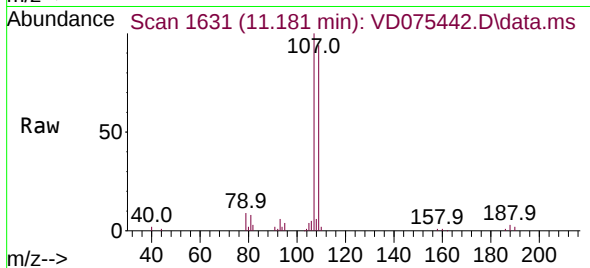
Tgt Ion:107 Resp: 97567

Ion Ratio Lower Upper

107 100

109 93.7 64.2 119.2

188 3.2 2.3 3.5



#51

Chlorobenzene

Concen: 26.040 ug/L

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD075442.D

Acq: 03 Mar 2023 09:30

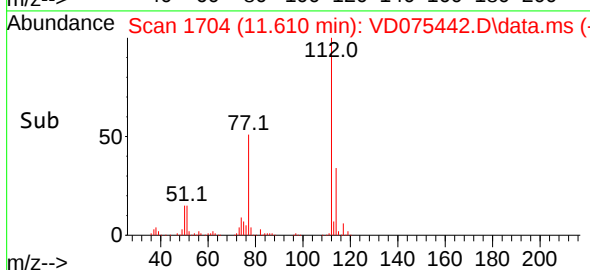
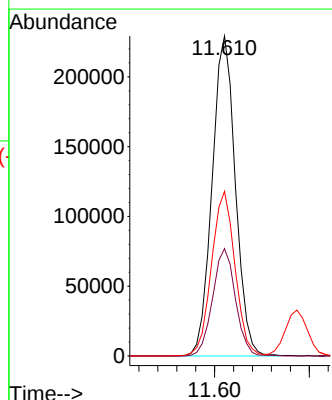
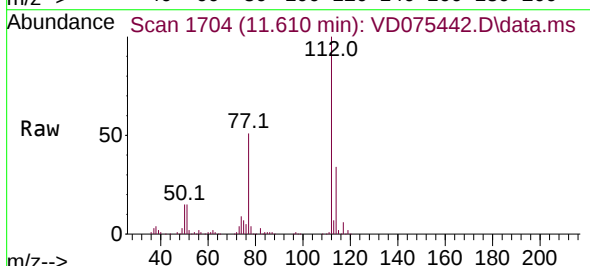
Tgt Ion:112 Resp: 390490

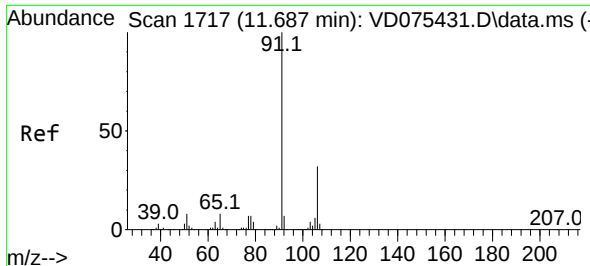
Ion Ratio Lower Upper

112 100

114 33.6 22.3 41.3

77 51.5 40.2 60.2

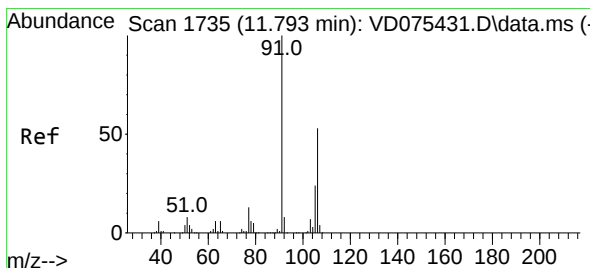
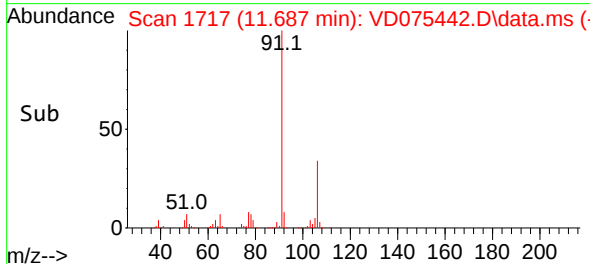
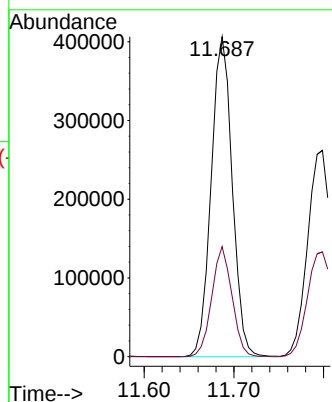
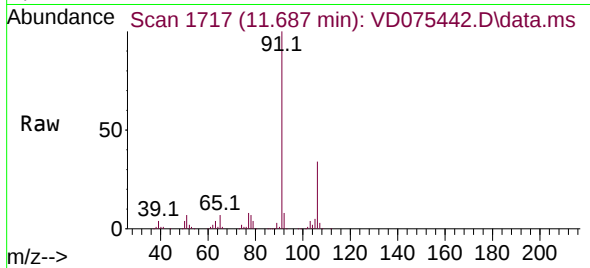




#52
Ethylbenzene
Concen: 27.023 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

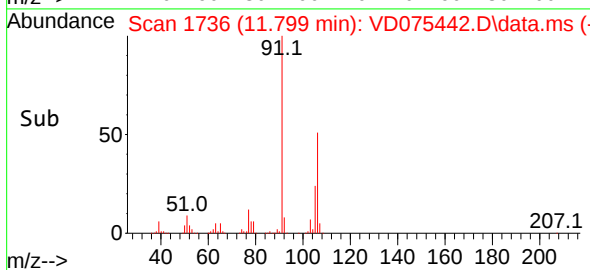
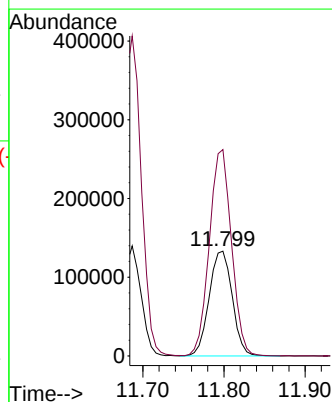
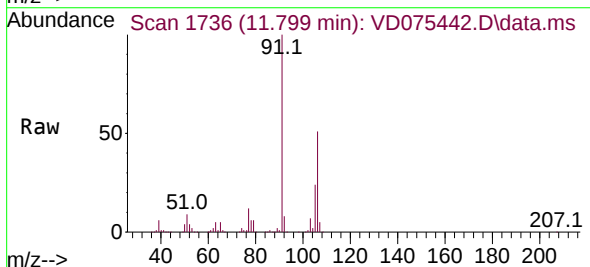
Instrument :
MSVOA_D
ClientSampleId :

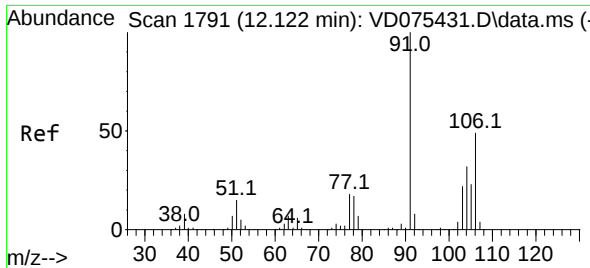
Tgt Ion: 91 Resp: 663004
Ion Ratio Lower Upper
91 100
106 34.4 23.1 42.9



#53
m,p-Xylene
Concen: 27.138 ug/L
RT: 11.799 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

Tgt Ion:106 Resp: 262334
Ion Ratio Lower Upper
106 100
91 196.9 134.1 249.1

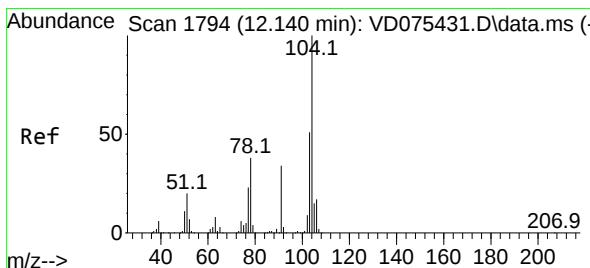
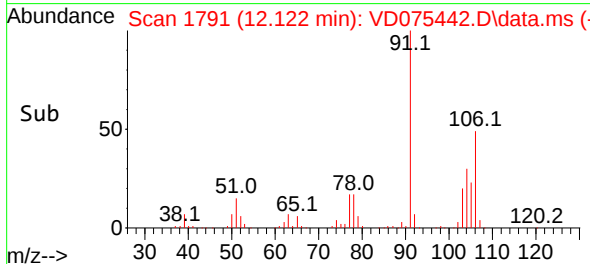
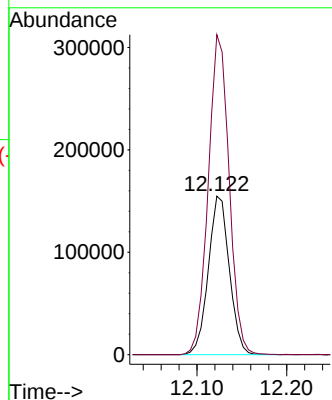
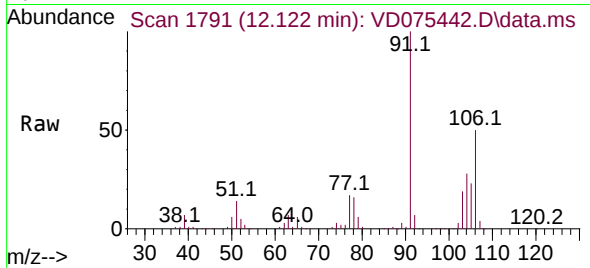




#54
o-Xylene
Concen: 27.539 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

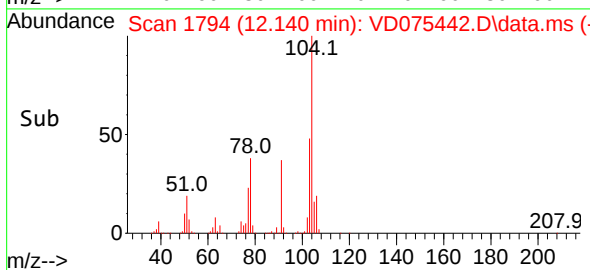
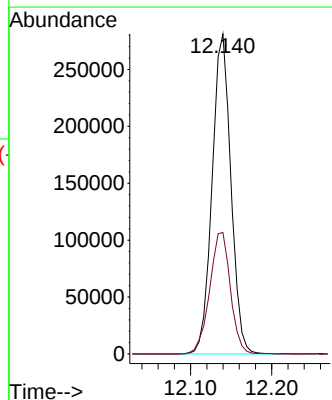
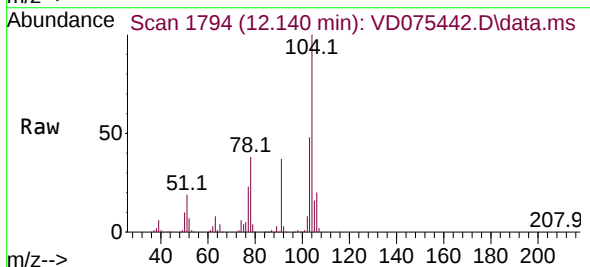
Instrument :
MSVOA_D
ClientSampleId :

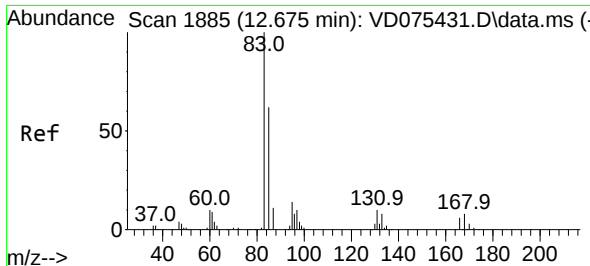
Tgt Ion:106 Resp: 251826
Ion Ratio Lower Upper
106 100
91 201.9 142.3 264.3



#55
Styrene
Concen: 27.775 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

Tgt Ion:104 Resp: 451100
Ion Ratio Lower Upper
104 100
78 38.0 26.0 48.2

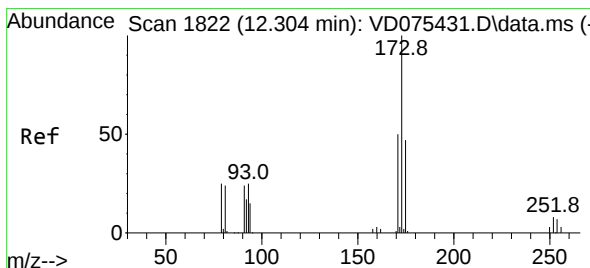
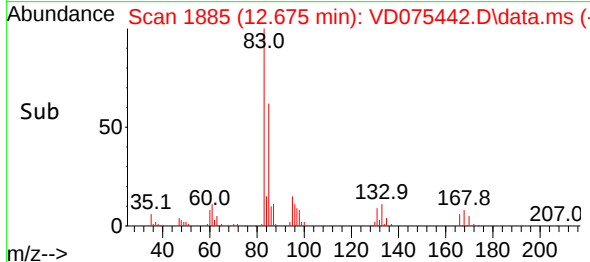
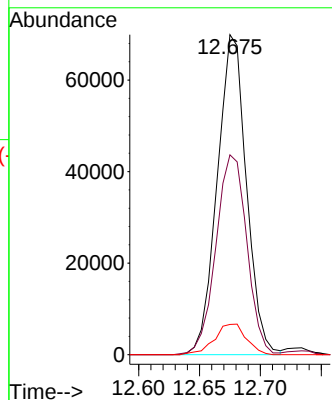
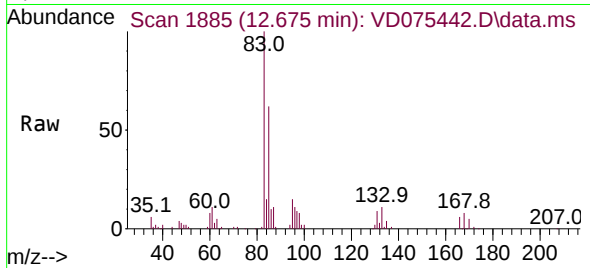




#57
1,1,2,2-Tetrachloroethane
Concen: 25.767 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

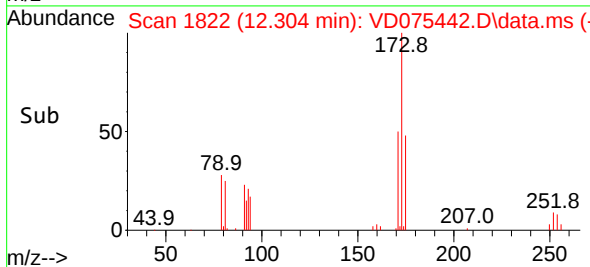
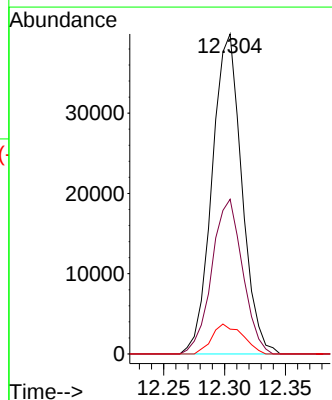
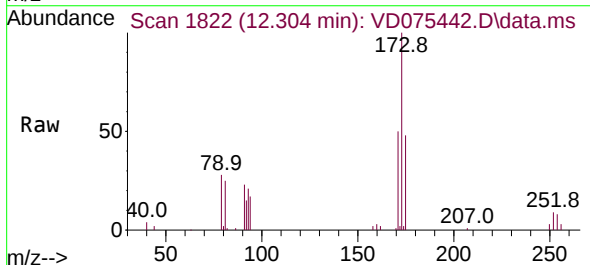
Instrument :
MSVOA_D
ClientSampleId :

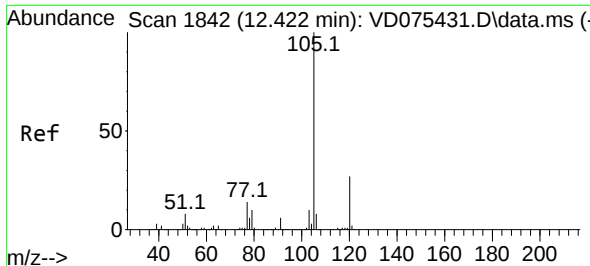
Tgt Ion: 83 Resp: 116644
Ion Ratio Lower Upper
83 100
85 62.4 46.3 85.9
131 9.5 8.1 12.1



#59
Bromoform
Concen: 25.062 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

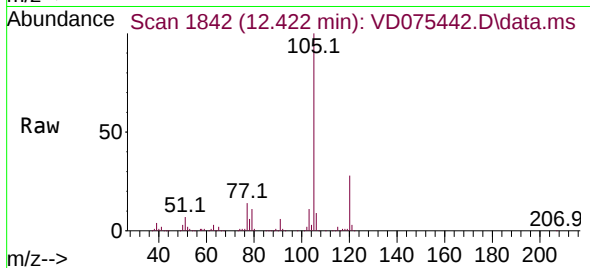
Tgt Ion:173 Resp: 67630
Ion Ratio Lower Upper
173 100
175 50.1 39.3 58.9
254 9.6 7.3 10.9



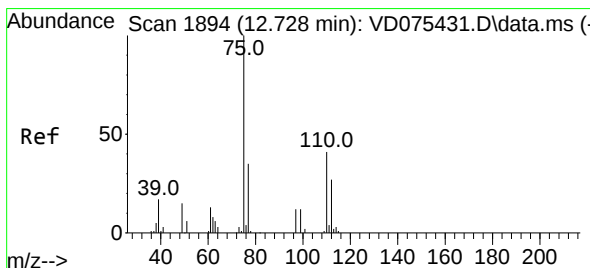
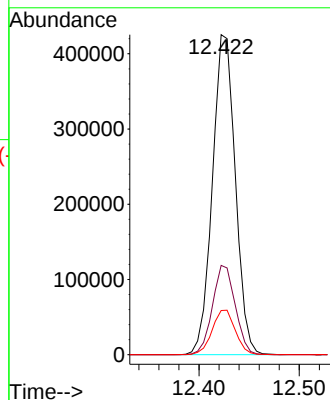
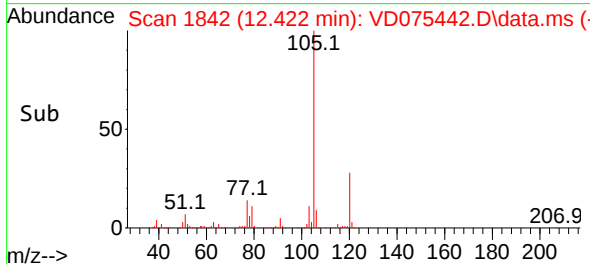


#60
Isopropylbenzene
Concen: 26.876 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

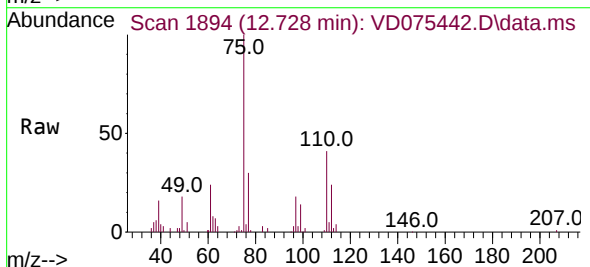
Instrument :
MSVOA_D
ClientSampleId :



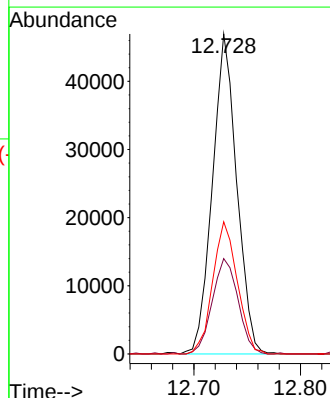
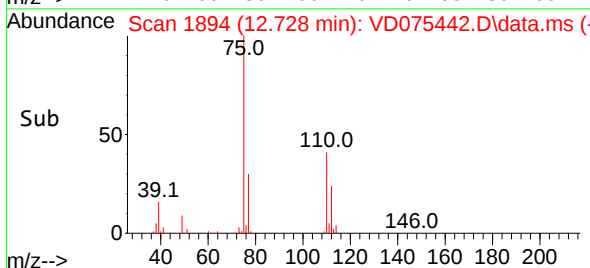
Tgt Ion:105 Resp: 675976
Ion Ratio Lower Upper
105 100
120 27.7 21.8 32.6
77 14.1 11.3 16.9

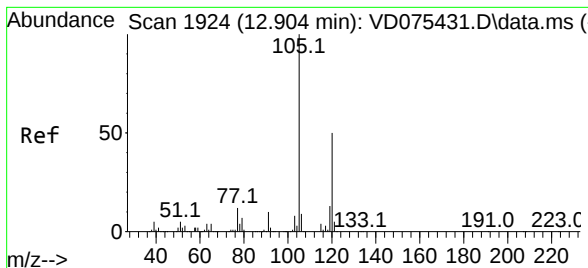


#61
1,2,3-Trichloropropane
Concen: 24.864 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30



Tgt Ion: 75 Resp: 74537
Ion Ratio Lower Upper
75 100
77 31.5 26.2 39.4
110 41.8 33.2 49.8

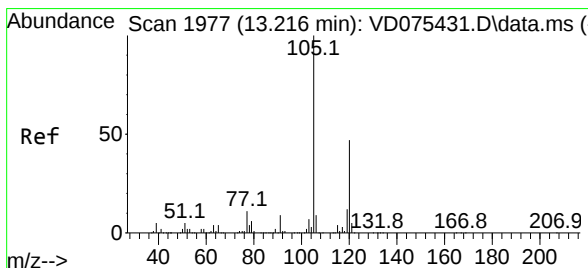
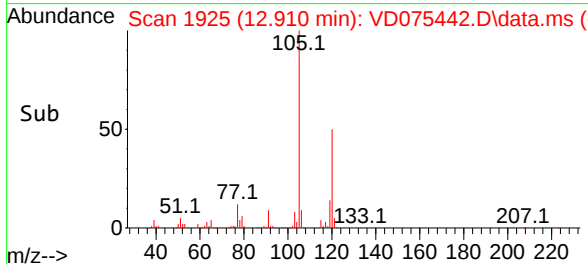
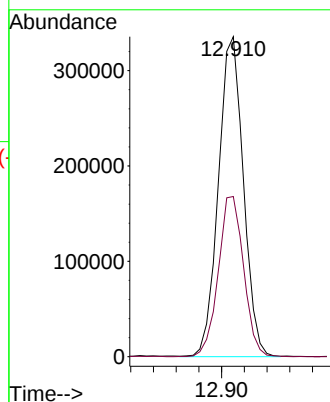
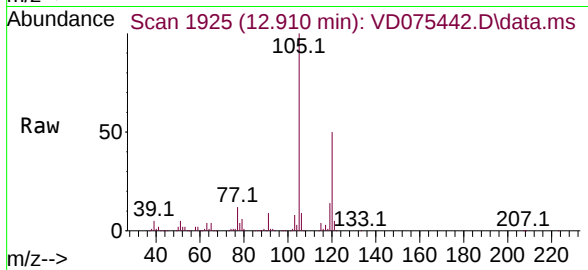




#62
1,3,5-Trimethylbenzene
Concen: 27.131 ug/L
RT: 12.910 min Scan# 1925
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

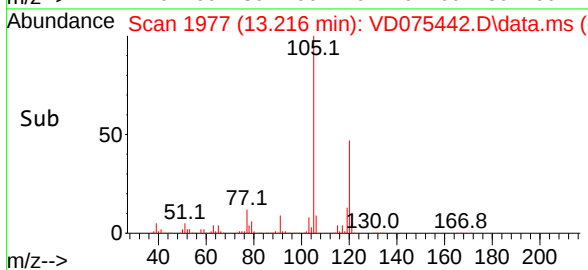
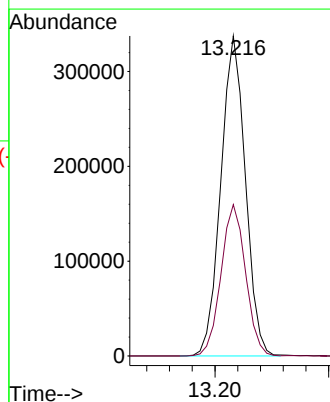
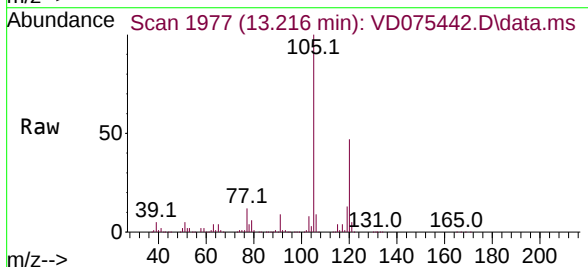
Instrument :
MSVOA_D
ClientSampleId :

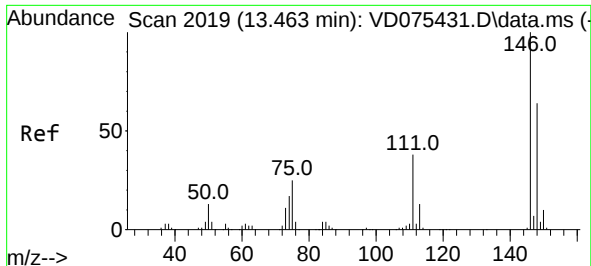
Tgt Ion:105 Resp: 512264
Ion Ratio Lower Upper
105 100
120 50.8 40.6 60.8



#63
1,2,4-Trimethylbenzene
Concen: 27.430 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

Tgt Ion:105 Resp: 506417
Ion Ratio Lower Upper
105 100
120 47.3 38.2 57.2

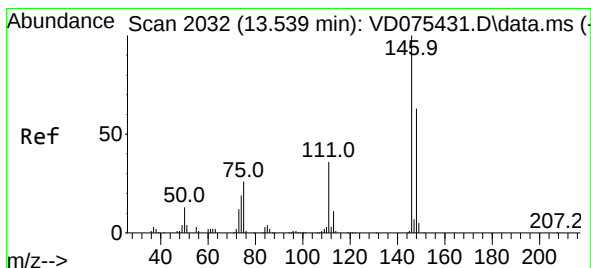
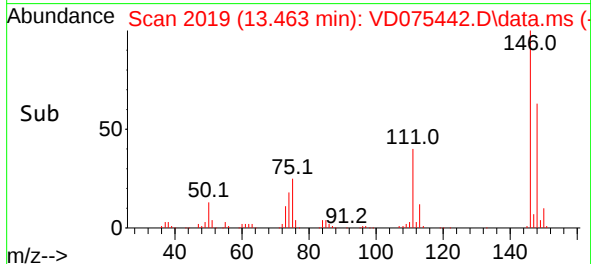
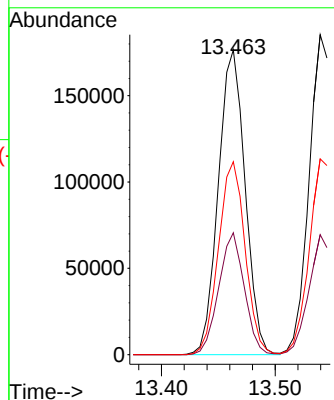
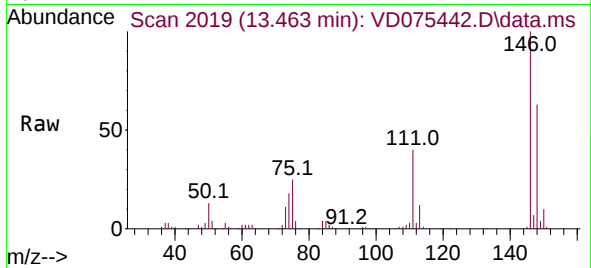




#64
1,3-Dichlorobenzene
Concen: 26.022 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

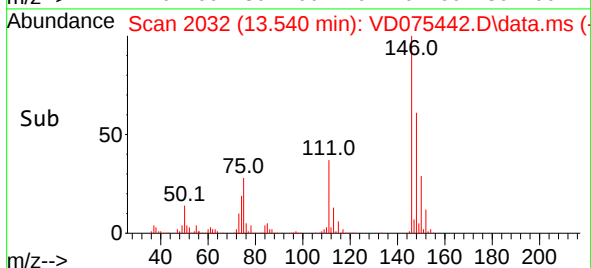
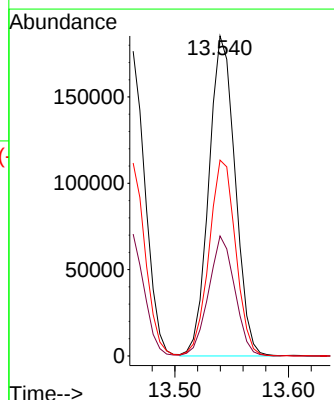
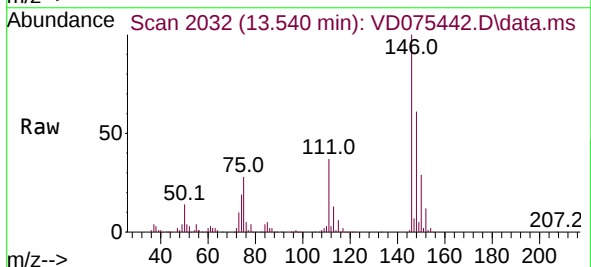
Instrument :
MSVOA_D
ClientSampleId :

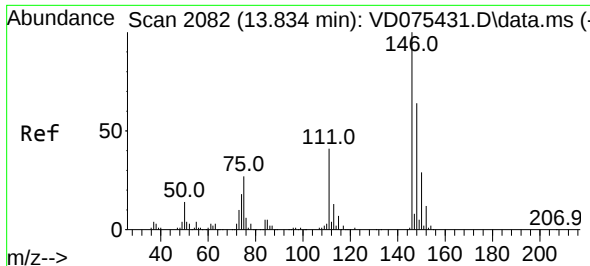
Tgt Ion:146 Resp: 289529
Ion Ratio Lower Upper
146 100
111 40.0 26.0 48.2
148 63.3 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 26.092 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

Tgt Ion:146 Resp: 298627
Ion Ratio Lower Upper
146 100
111 37.5 24.8 46.1
148 61.2 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 25.911 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075442.D

Acq: 03 Mar 2023 09:30

Instrument :

MSVOA_D

ClientSampleId :

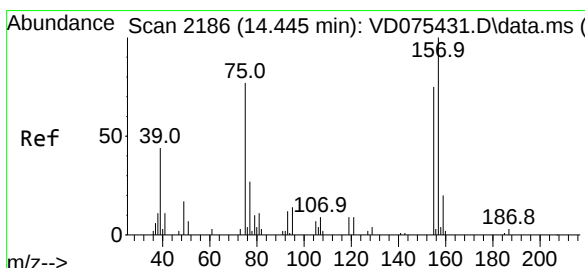
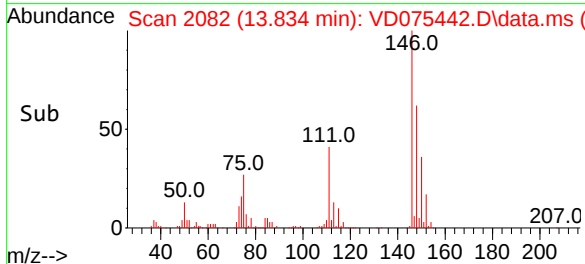
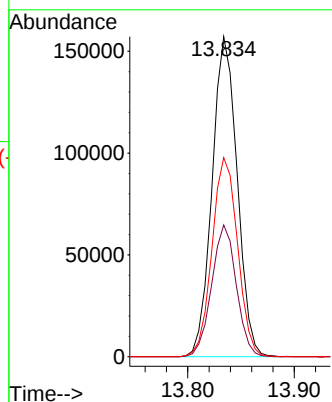
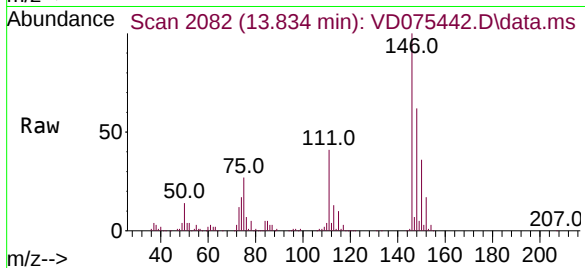
Tgt Ion:146 Resp: 256876

Ion Ratio Lower Upper

146 100

111 41.2 31.0 46.6

148 62.2 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 24.943 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD075442.D

Acq: 03 Mar 2023 09:30

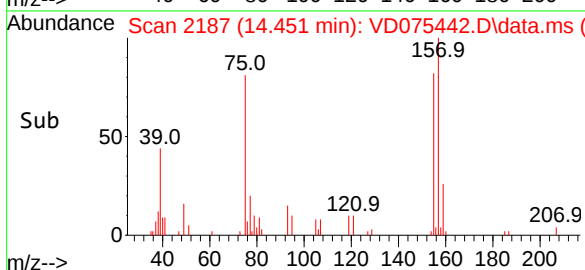
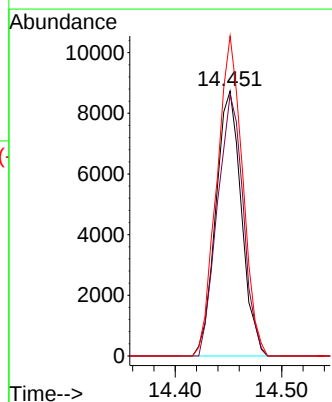
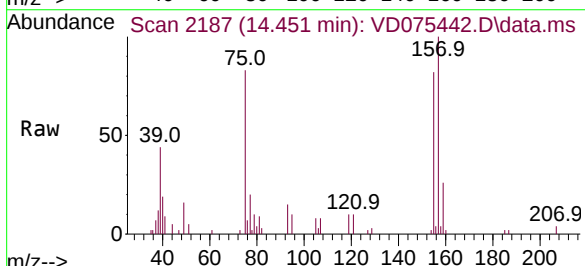
Tgt Ion: 75 Resp: 14521

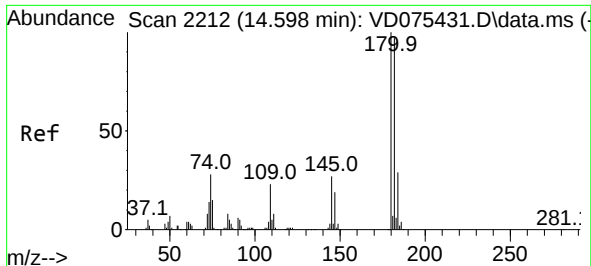
Ion Ratio Lower Upper

75 100

155 98.8 71.3 106.9

157 120.8 85.8 128.6





#69

1,3,5-Trichlorobenzene

Concen: 25.524 ug/L

RT: 14.598 min Scan# 2212

Delta R.T. 0.000 min

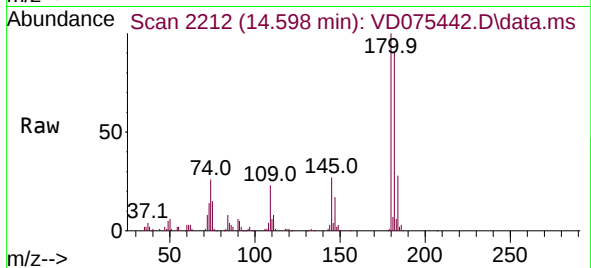
Lab File: VD075442.D

Acq: 03 Mar 2023 09:30

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 178088

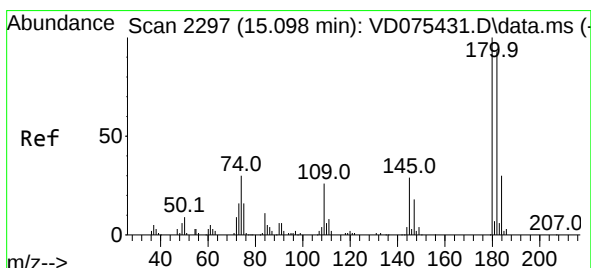
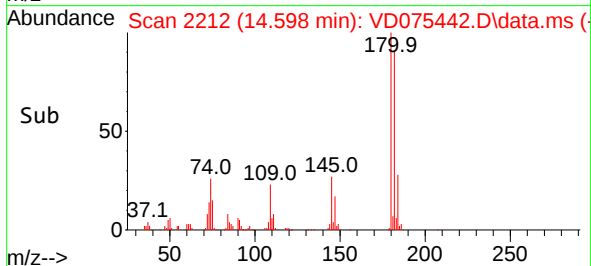
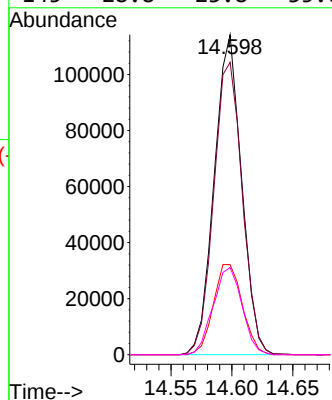
Ion Ratio Lower Upper

180 100

182 95.4 76.5 114.7

184 29.9 23.6 35.4

145 28.8 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 24.845 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075442.D

Acq: 03 Mar 2023 09:30

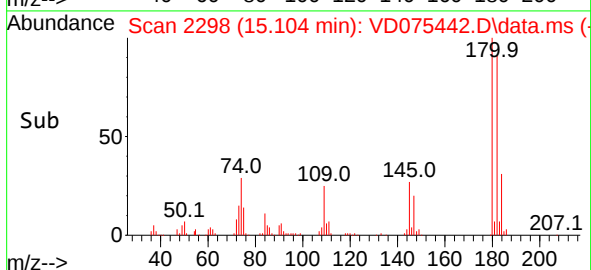
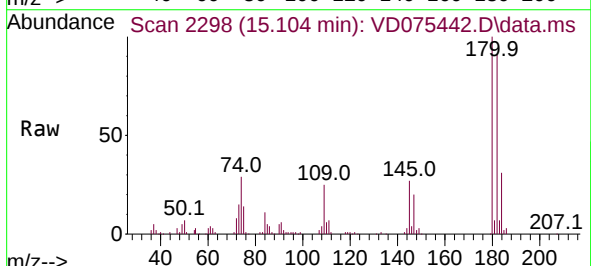
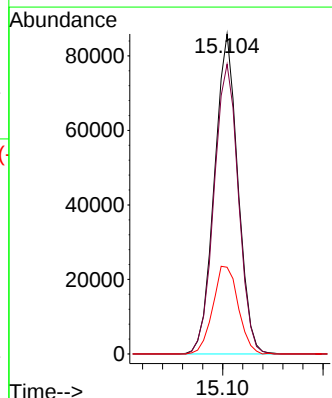
Tgt Ion:180 Resp: 139375

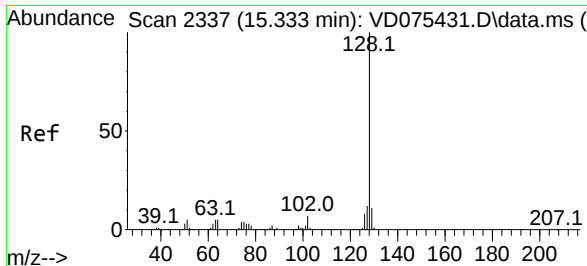
Ion Ratio Lower Upper

180 100

182 93.8 74.3 111.5

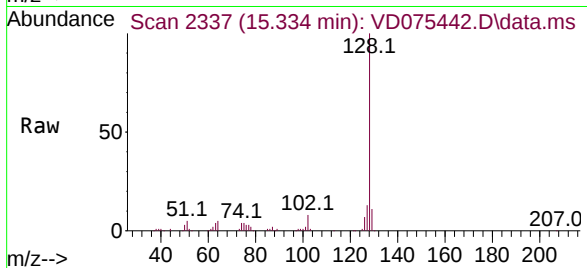
145 29.6 23.0 34.6



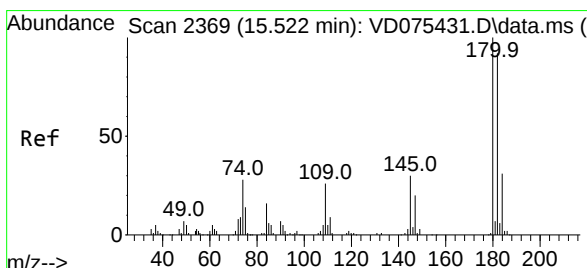
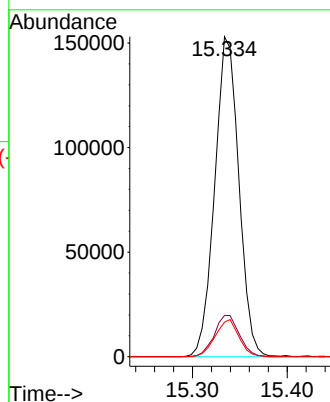
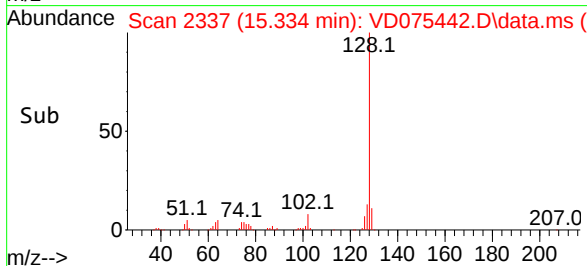


#71
Naphthalene
Concen: 24.326 ug/L
RT: 15.334 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 270666
Ion Ratio Lower Upper
128 100
127 13.4 10.1 15.1
129 11.4 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 25.392 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. 0.000 min
Lab File: VD075442.D
Acq: 03 Mar 2023 09:30

Tgt Ion:180 Resp: 125560
Ion Ratio Lower Upper
180 100
182 96.2 75.3 112.9
145 31.3 25.1 37.7

