

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
 Data File : VD075906.D
 Acq On : 29 Apr 2023 00:20
 Operator : KP/SY
 Sample : 02525-14MS
 Misc : 5.73G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCL0MS

Quant Time: Apr 29 05:16:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 29 05:12:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	135694	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	142291	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	70031	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	66680	22.400	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.600%
7) Chloroethane-d5	2.805	69	62608	24.342	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.360%
11) 1,1-Dichloroethene-d2	3.916	65	14462	21.073	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.280%
21) 2-Butanone-d5	6.987	46	28915	111.891	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	223.780%#
24) Chloroform-d	7.569	84	95666	28.193	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.760%
26) 1,2-Dichloroethane-d4	8.228	65	52742	36.397	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	145.600%#
32) Benzene-d6	8.204	84	188247	22.699	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	9.210	67	59313	25.839	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.360%
41) Toluene-d8	10.269	98	173388	22.332	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.320%
43) trans-1,3-Dichloroprop...	10.528	79	27226	28.694	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	114.760%
47) 2-Hexanone-d5	10.881	63	24988	90.407	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	180.820%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	73190	41.666	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	166.680%#
66) 1,2-Dichlorobenzene-d4	13.816	152	64435	26.012	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	40680	21.747	ug/L	100
3) Chloromethane	2.146	50	73131	28.044	ug/L	99
5) Vinyl chloride	2.287	62	79002	23.180	ug/L	94
6) Bromomethane	2.693	94	55356	24.172	ug/L	94
8) Chloroethane	2.834	64	56095	25.449	ug/L	95
9) Trichlorofluoromethane	3.175	101	60723	22.174	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	37381	20.319	ug/L #	82
12) 1,1-Dichloroethene	3.940	96	40335	22.607	ug/L	83
13) Acetone	4.016	43	27069	122.402	ug/L	98
14) Carbon disulfide	4.275	76	145575	23.360	ug/L	96
15) Methyl Acetate	4.563	43	26157	54.576	ug/L #	57
16) Methylene chloride	4.805	84	67246	24.429	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	49585	24.785	ug/L	90
18) Methyl tert-butyl Ether	5.316	73	115226	35.906	ug/L	100
19) 1,1-Dichloroethane	6.110	63	83213	28.393	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	58730	27.763	ug/L	89
22) 2-Butanone	7.075	43	30296	105.082	ug/L	95
23) Bromochloromethane	7.428	128	34342	35.005	ug/L	92
25) Chloroform	7.599	83	96455	29.366	ug/L	97

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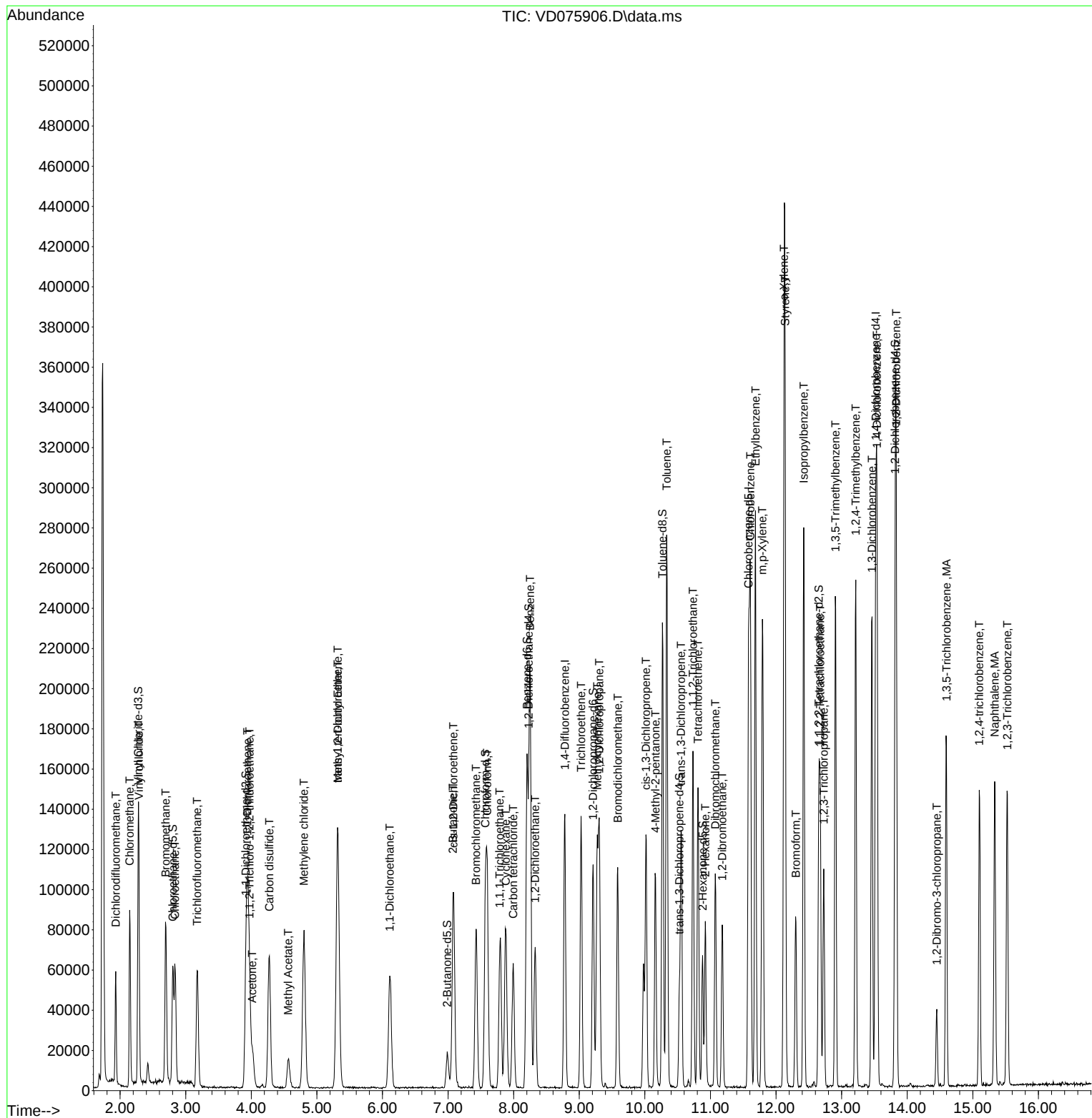
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	64324	37.939	ug/L	99
29) Cyclohexane	7.881	56	40237	16.518	ug/L	94
30) 1,1,1-Trichloroethane	7.787	97	64147	21.307	ug/L	97
31) Carbon tetrachloride	7.993	117	48243	19.974	ug/L	99
33) Benzene	8.251	78	203601	23.655	ug/L	100
34) Trichloroethene	9.028	95	47566	21.370	ug/L	91
35) Methylcyclohexane	9.275	83	51609	15.039	ug/L	98
37) 1,2-Dichloropropane	9.304	63	54719	27.676	ug/L	99
38) Bromodichloromethane	9.587	83	75189	28.205	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	80327	25.547	ug/L	96
40) 4-Methyl-2-pentanone	10.163	43	64288	89.184	ug/L	97
42) Toluene	10.334	91	223881	24.037	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	77728	30.772	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	57010	33.894	ug/L	97
46) Tetrachloroethene	10.810	164	38401	21.034	ug/L	92
48) 2-Hexanone	10.922	43	45180	88.906	ug/L	96
49) Dibromochloromethane	11.075	129	58902	32.167	ug/L	91
50) 1,2-Dibromoethane	11.181	107	56316	37.137	ug/L	96
51) Chlorobenzene	11.610	112	150767	24.743	ug/L	96
52) Ethylbenzene	11.687	91	205577	21.524	ug/L	98
53) m,p-Xylene	11.792	106	83801	22.035	ug/L	99
54) o-Xylene	12.122	106	84404	23.366	ug/L	99
55) Styrene	12.139	104	161369	25.667	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	70018	40.913	ug/L	98
59) Bromoform	12.304	173	40078	37.341	ug/L	98
60) Isopropylbenzene	12.422	105	186739	20.110	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	45834	41.663	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	137455	19.851	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	142015	21.276	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	107279	24.145	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	112893	24.210	ug/L	96
67) 1,2-Dichlorobenzene	13.834	146	104958	26.453	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	9677	44.001	ug/L	86
69) 1,3,5-Trichlorobenzene	14.598	180	58380	19.604	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	50731	20.556	ug/L	99
71) Naphthalene	15.333	128	140826	31.182	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	53469	24.272	ug/L	98

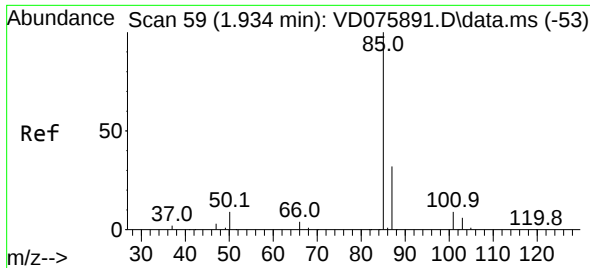
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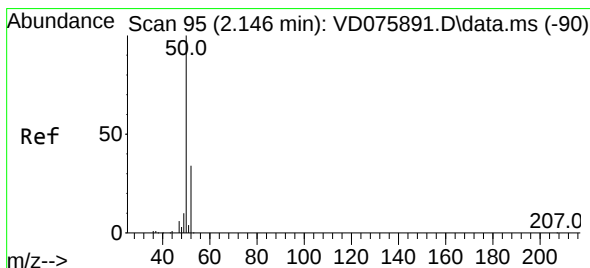
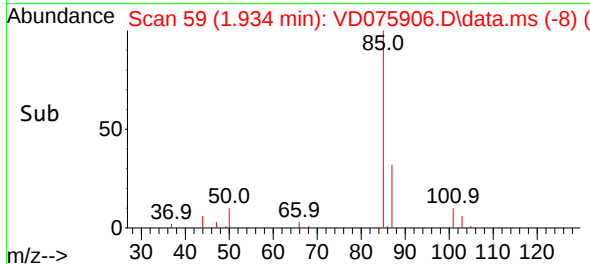
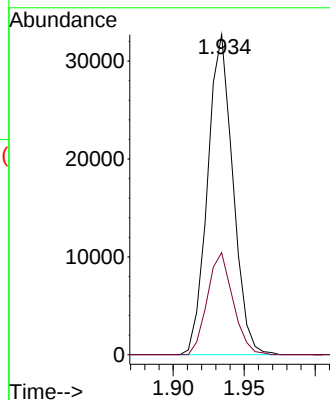
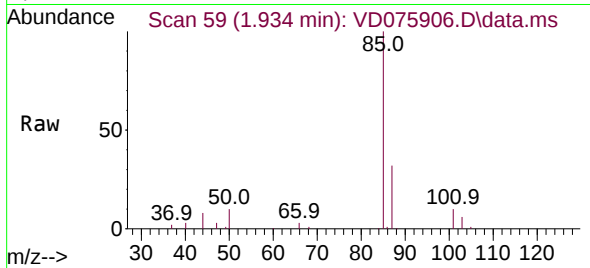




#2
 Dichlorodifluoromethane
 Concen: 21.747 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD075906.D
 Acq: 29 Apr 2023 00:20

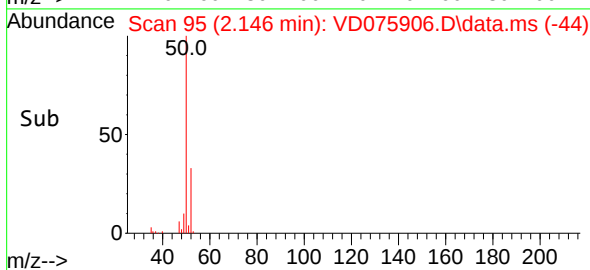
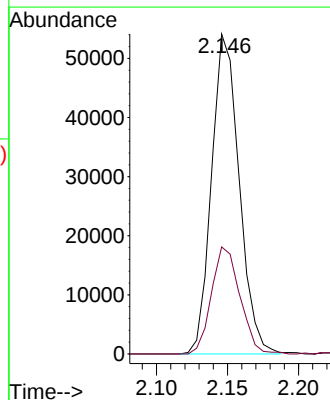
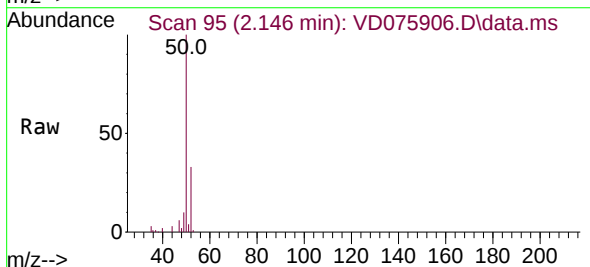
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 ClientSampleId :
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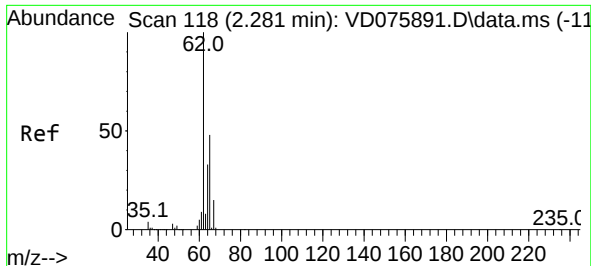
Tgt Ion: 85 Resp: 40680
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.8



#3
 Chloromethane
 Concen: 28.044 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD075906.D
 Acq: 29 Apr 2023 00:20

Tgt Ion: 50 Resp: 73131
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.7 44.1

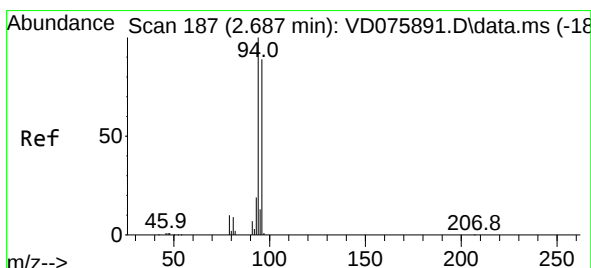
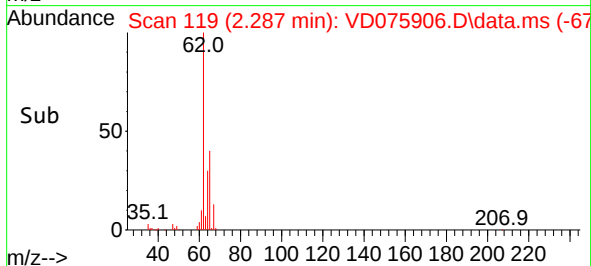
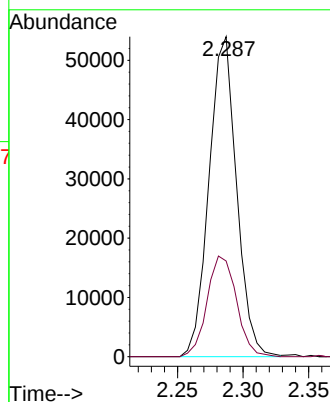
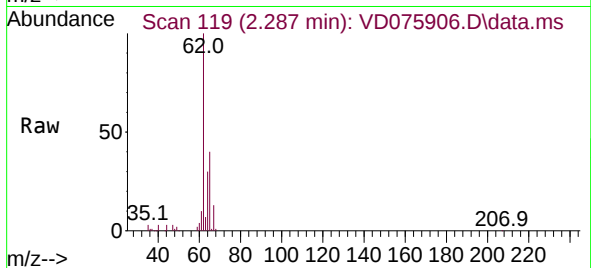




#5
 Vinyl chloride
 Concen: 23.180 ug/L
 RT: 2.287 min Scan# 118
 Delta R.T. 0.006 min
 Lab File: VD075906.D
 Acq: 29 Apr 2023 00:20

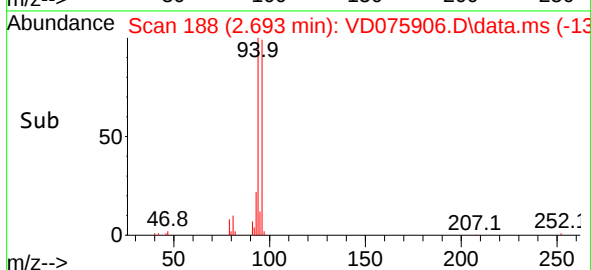
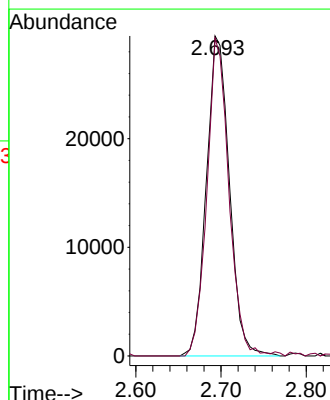
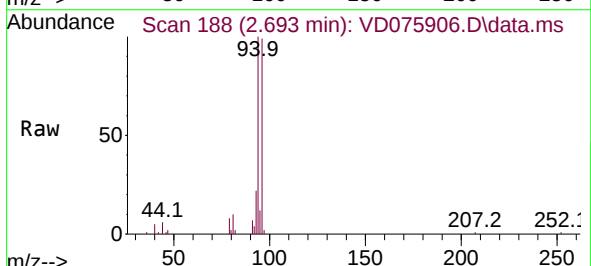
Instrument :
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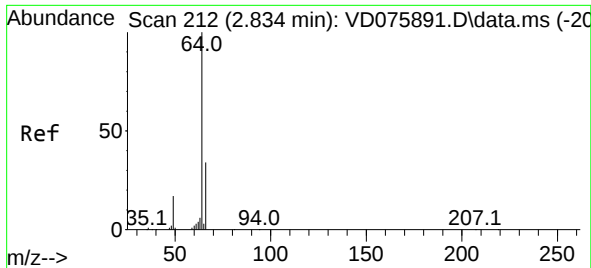
Tgt Ion: 62 Resp: 79002
 Ion Ratio Lower Upper
 62 100
 64 29.9 23.2 43.0



#6
 Bromomethane
 Concen: 24.172 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.006 min
 Lab File: VD075906.D
 Acq: 29 Apr 2023 00:20

Tgt Ion: 94 Resp: 55356
 Ion Ratio Lower Upper
 94 100
 96 99.3 65.7 121.9

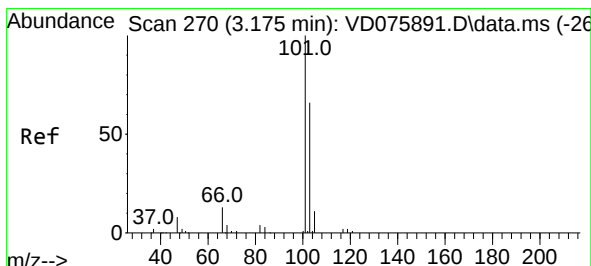
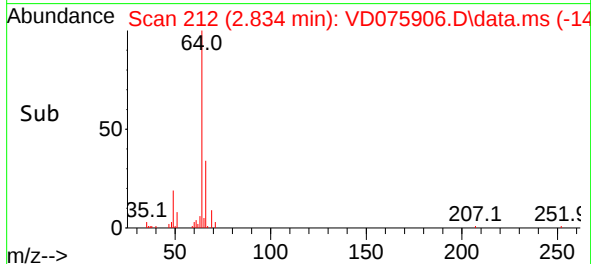
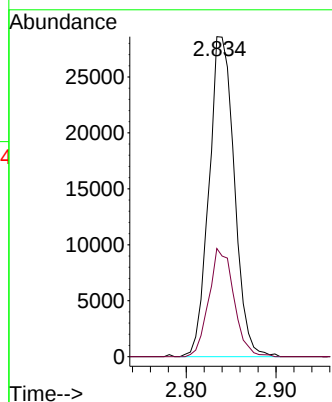
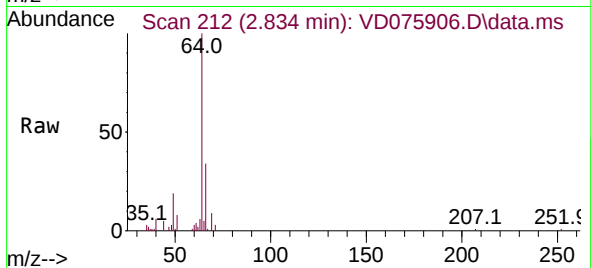




#8
Chloroethane
Concen: 25.449 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

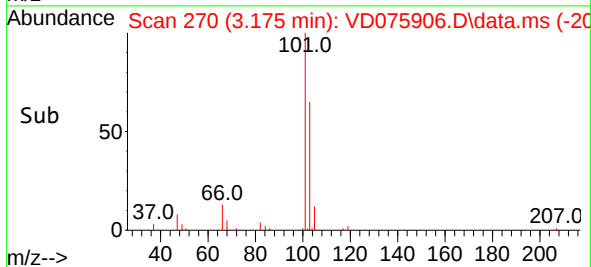
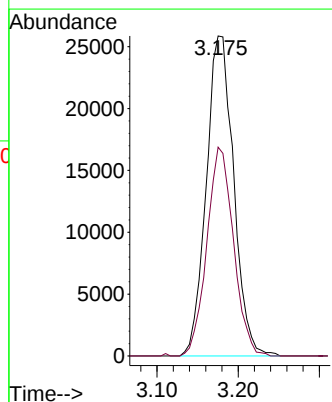
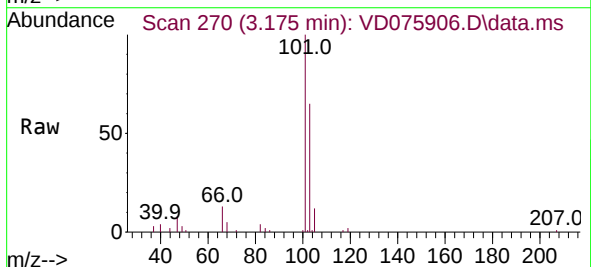
Instrument :
MSVOA_D
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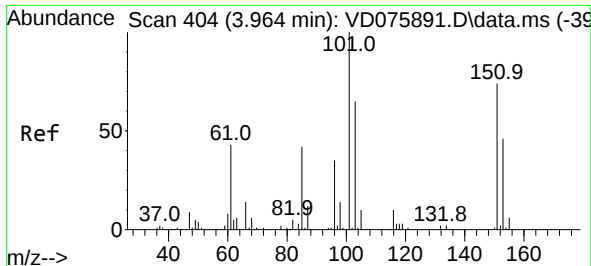
Tgt Ion: 64 Resp: 56095
Ion Ratio Lower Upper
64 100
66 33.8 21.8 40.4



#9
Trichlorofluoromethane
Concen: 22.174 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

Tgt Ion:101 Resp: 60723
Ion Ratio Lower Upper
101 100
103 63.3 52.2 78.4

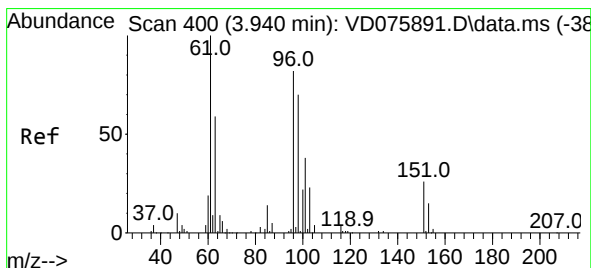
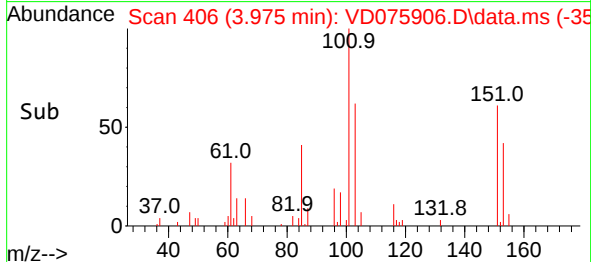
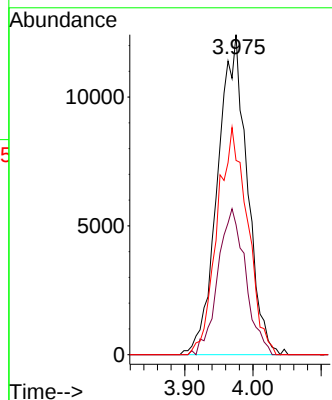
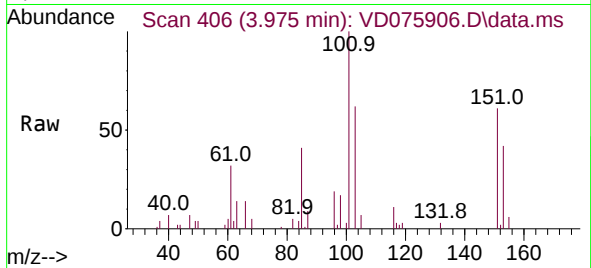




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.319 ug/L
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

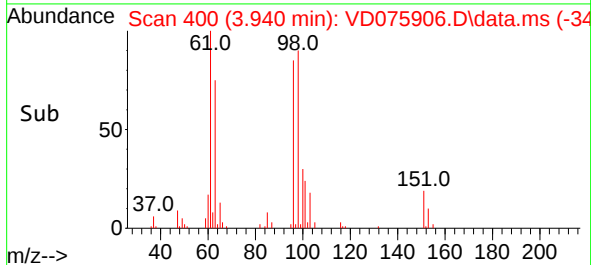
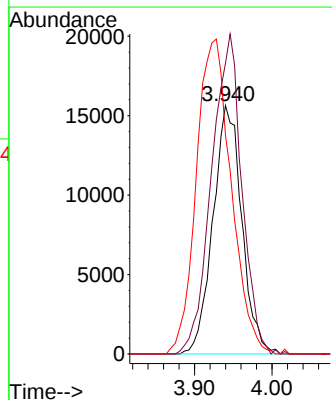
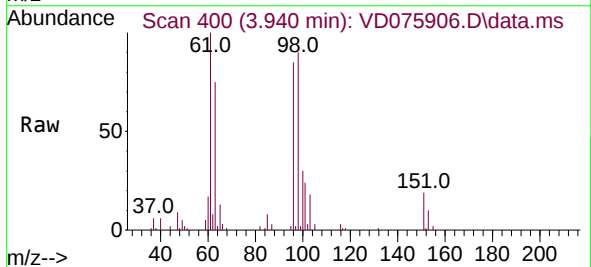
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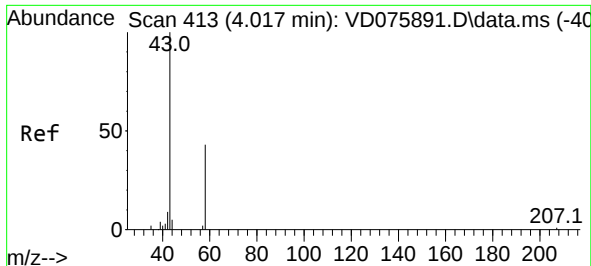
Tgt Ion:101 Resp: 37381
Ion Ratio Lower Upper
101 100
85 42.8 32.9 49.3
151 49.0 57.2 85.8#



#12
1,1-Dichloroethene
Concen: 22.607 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

Tgt Ion: 96 Resp: 40335
Ion Ratio Lower Upper
96 100
61 117.0 92.6 172.0
63 88.0 77.4 143.8

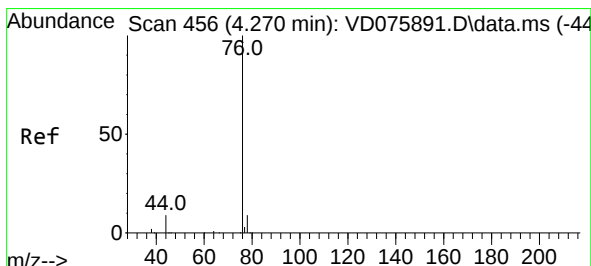
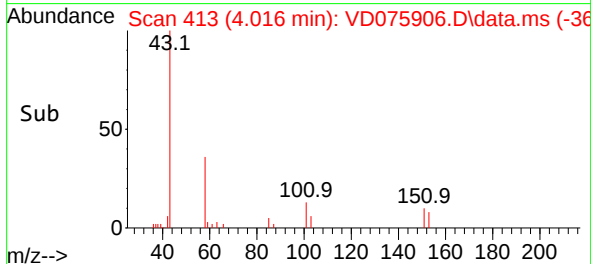
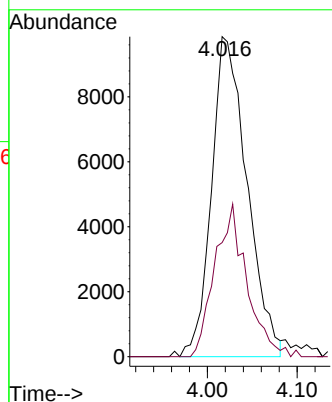
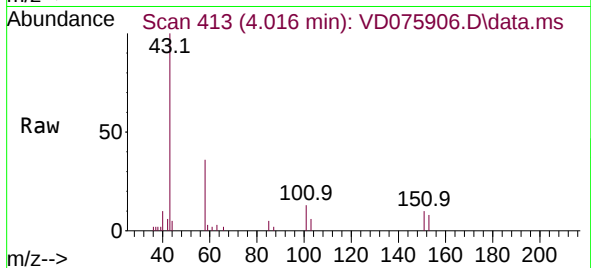




#13
Acetone
Concen: 122.402 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD075906.D
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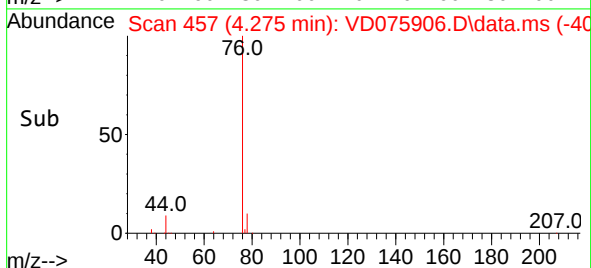
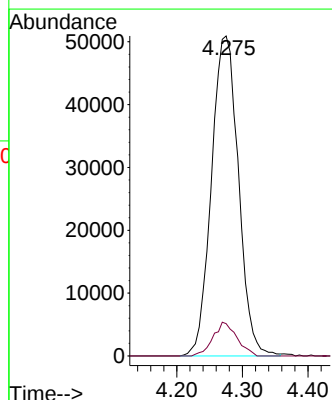
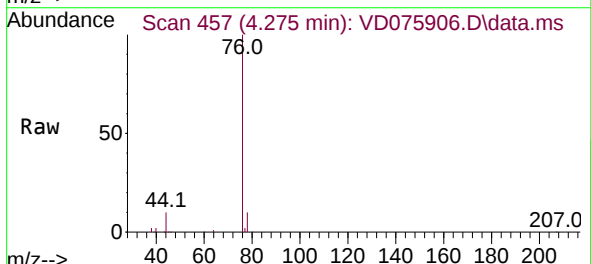
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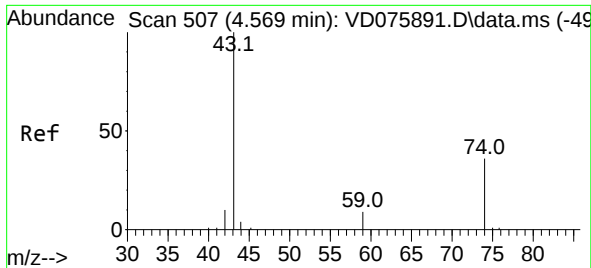
Tgt Ion: 43 Resp: 27069
Ion Ratio Lower Upper
43 100
58 42.5 0.0 87.4



#14
Carbon disulfide
Concen: 23.360 ug/L
RT: 4.275 min Scan# 457
Delta R.T. 0.006 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

Tgt Ion: 76 Resp: 145575
Ion Ratio Lower Upper
76 100
78 10.1 7.0 10.6

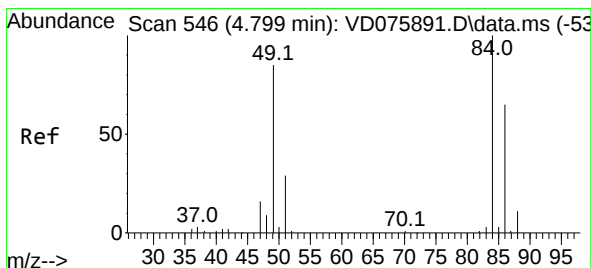
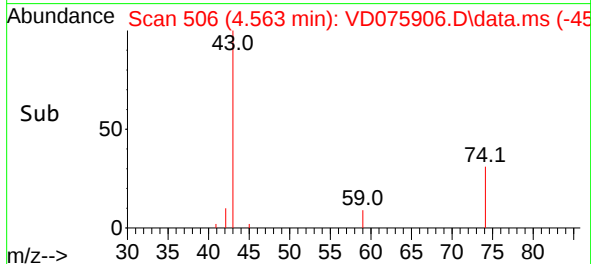
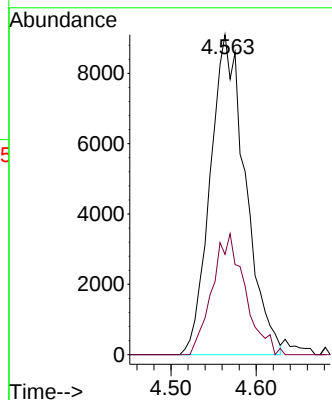
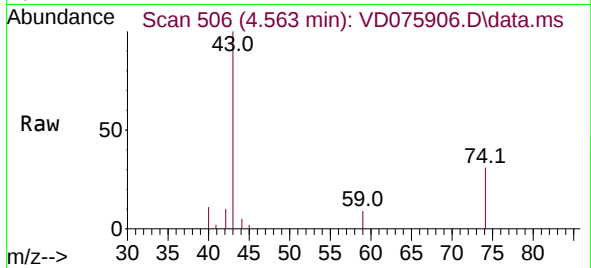




#15
Methyl Acetate
Concen: 54.576 ug/L
RT: 4.563 min Scan# 50
Delta R.T. -0.006 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

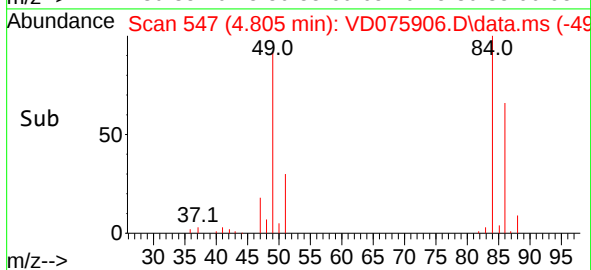
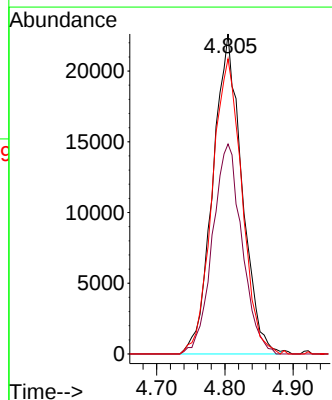
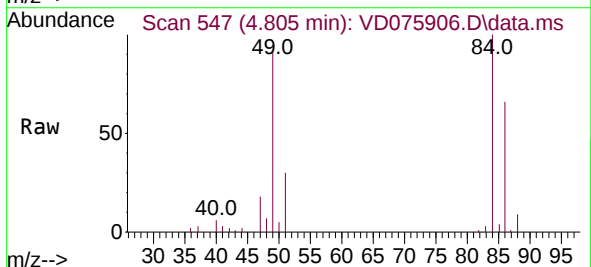
Instrument :
MSVOA_D
ClientSampleId :
DCCL0MS

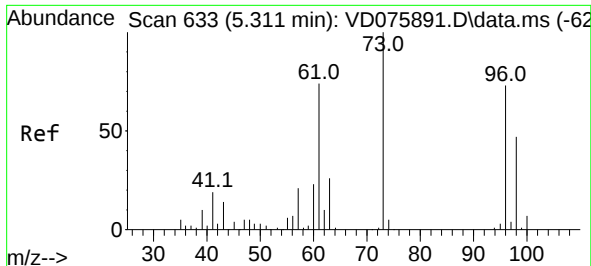
Tgt Ion: 43 Resp: 26157
Ion Ratio Lower Upper
43 100
74 34.2 12.8 19.2#



#16
Methylene chloride
Concen: 24.429 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

Tgt Ion: 84 Resp: 67246
Ion Ratio Lower Upper
84 100
86 65.6 45.8 85.2
49 92.3 60.8 112.8

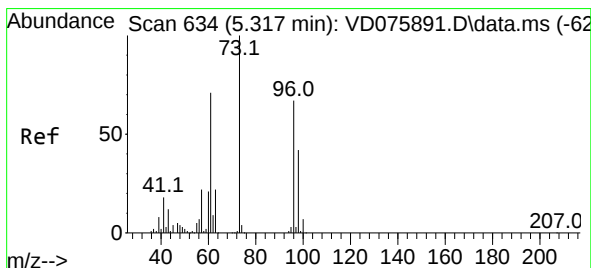
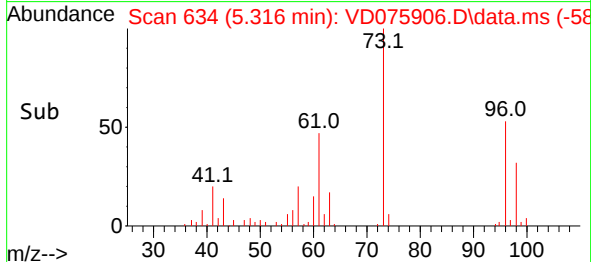
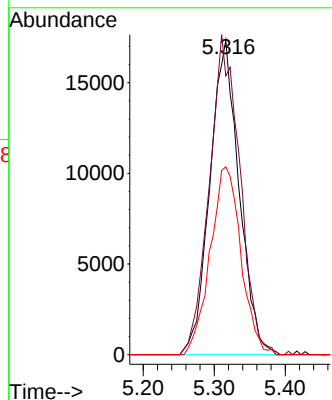
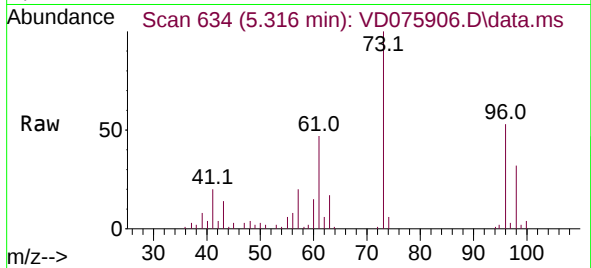




#17
trans-1,2-Dichloroethene
Concen: 24.785 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

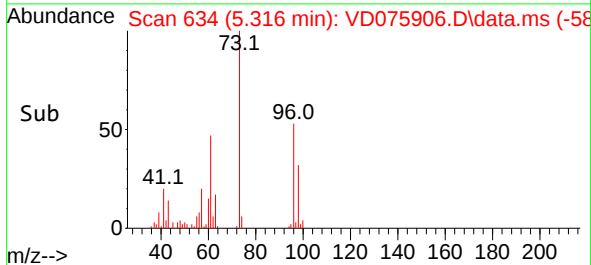
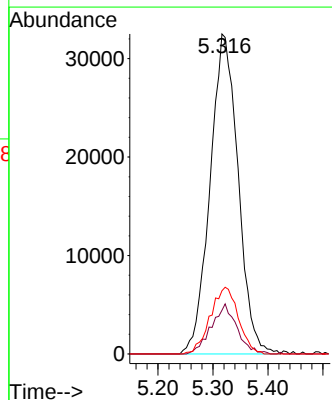
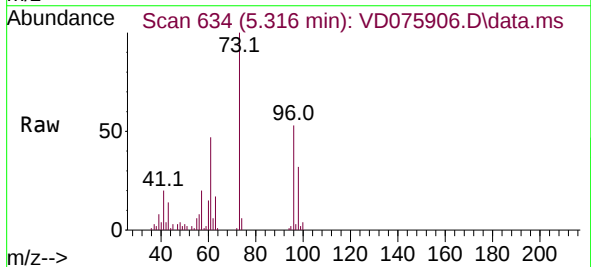
Instrument :
MSVOA_D
ClientSampleId :
DCCL0MS

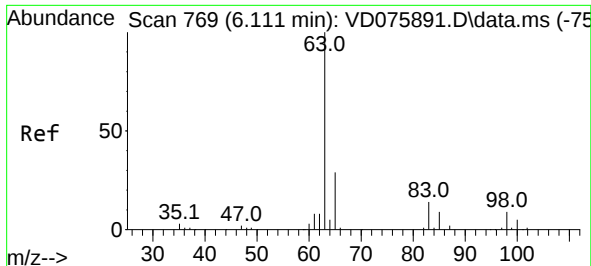
Tgt Ion: 96 Resp: 49585
Ion Ratio Lower Upper
96 100
61 88.7 72.9 135.5
98 59.7 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 35.906 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

Tgt Ion: 73 Resp: 115226
Ion Ratio Lower Upper
73 100
43 14.0 11.3 16.9
57 20.7 16.3 24.5





#19

1,1-Dichloroethane

Concen: 28.393 ug/L

RT: 6.110 min Scan# 769

Delta R.T. -0.000 min

Lab File: VD075906.D

Acq: 29 Apr 2023 00:20

Instrument :

MSVOA_D

ClientSampleId :

DCCL0MS

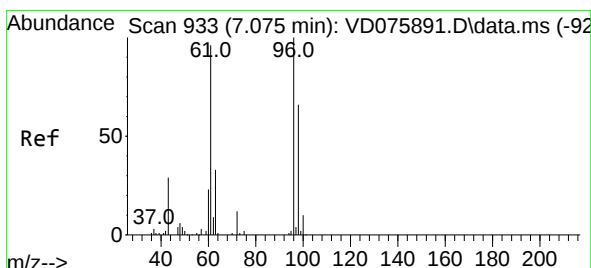
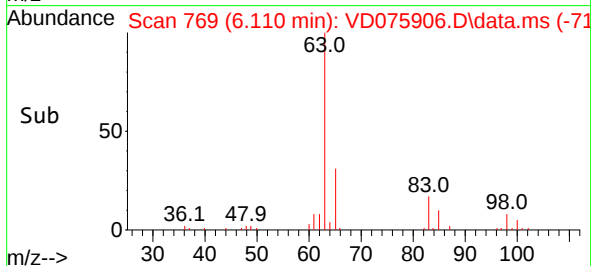
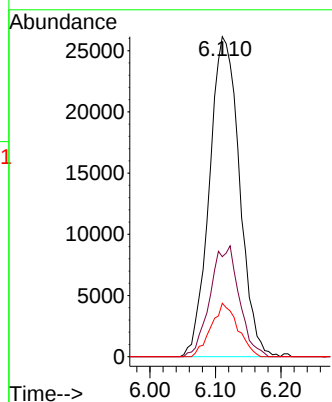
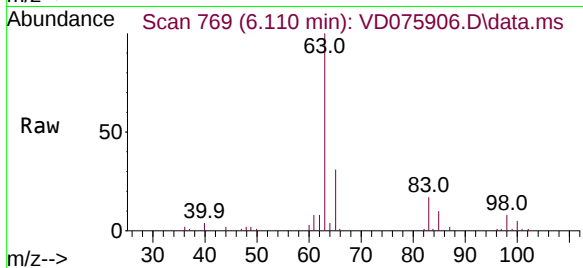
Tgt Ion: 63 Resp: 83213

Ion Ratio Lower Upper

63 100

65 31.3 22.8 42.4

83 16.7 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 27.763 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD075906.D

Acq: 29 Apr 2023 00:20

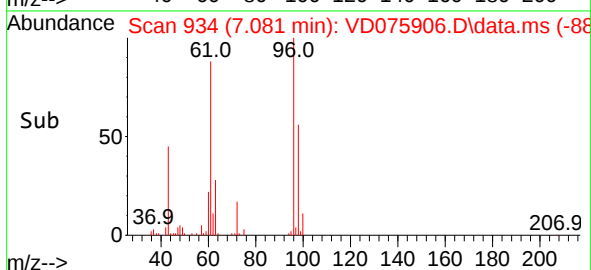
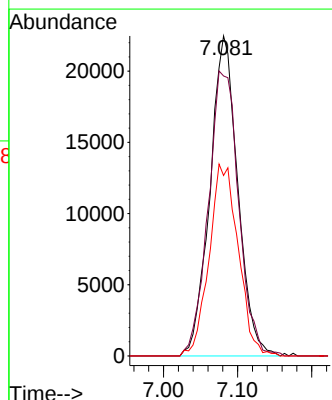
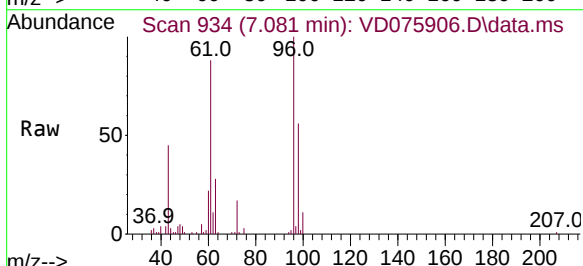
Tgt Ion: 96 Resp: 58730

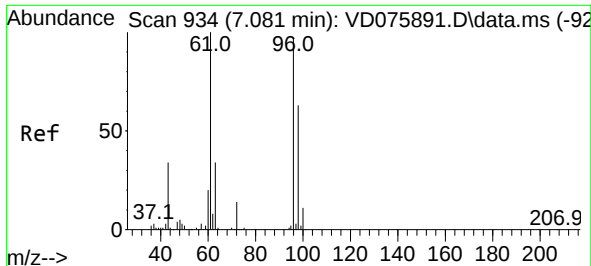
Ion Ratio Lower Upper

96 100

61 87.5 67.5 125.3

98 56.4 47.5 88.1

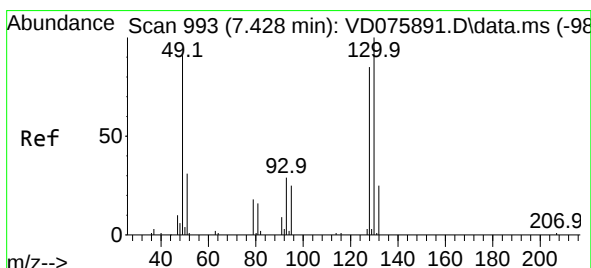
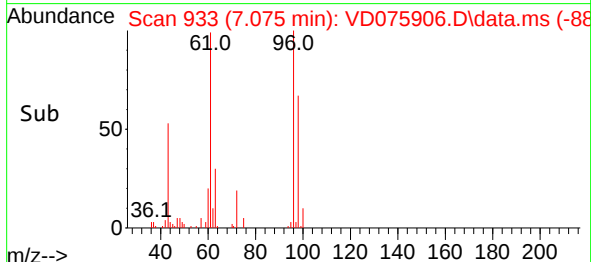
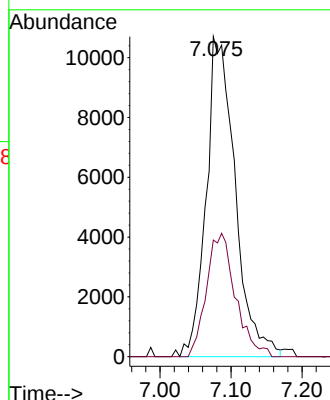
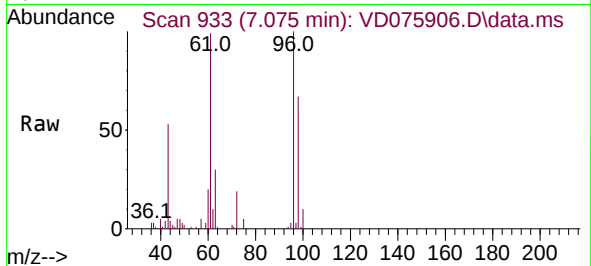




#22
2-Butanone
Concen: 105.082 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

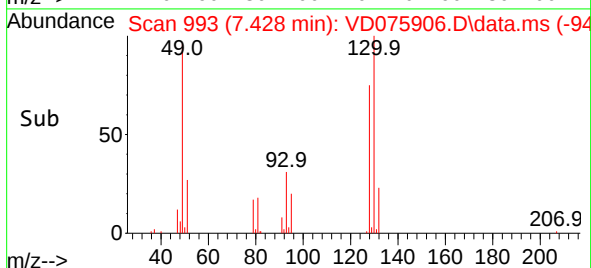
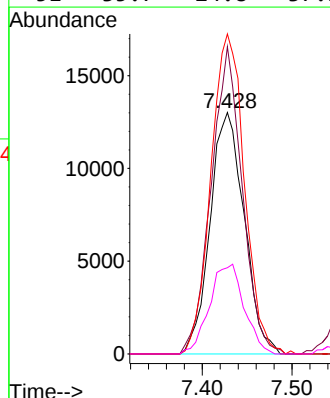
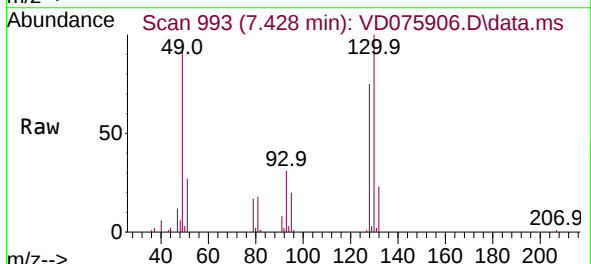
Instrument :
MSVOA_D
ClientSampleId :
DCCL0MS

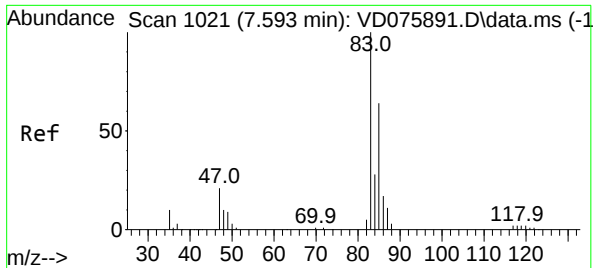
Tgt Ion: 43 Resp: 30296
Ion Ratio Lower Upper
43 100
72 38.0 20.5 61.5



#23
Bromochloromethane
Concen: 35.005 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

Tgt Ion:128 Resp: 34342
Ion Ratio Lower Upper
128 100
49 127.3 76.4 142.0
130 132.6 93.5 173.7
51 35.7 24.8 37.2





#25

Chloroform

Concen: 29.366 ug/L

RT: 7.599 min Scan# 1021

Delta R.T. 0.006 min

Lab File: VD075906.D

Acq: 29 Apr 2023 00:20

Instrument :

MSVOA_D

ClientSampleId :

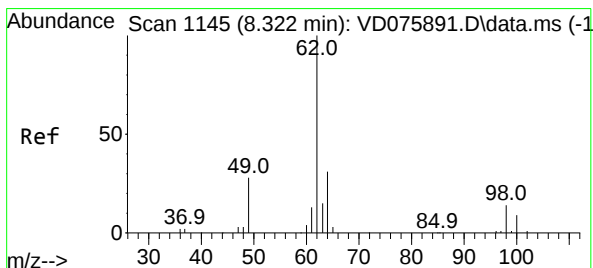
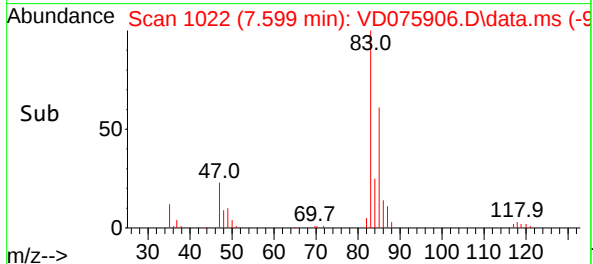
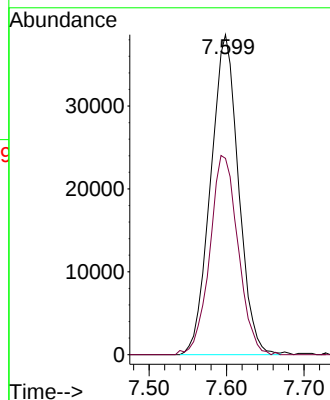
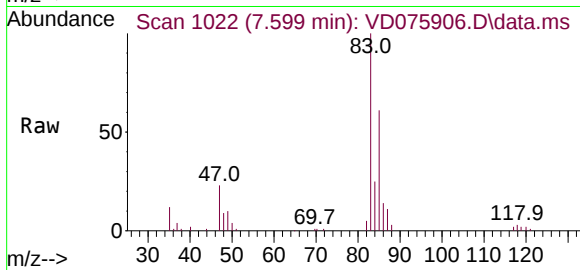
DCCL0MS

Tgt Ion: 83 Resp: 96455

Ion Ratio Lower Upper

83 100

85 61.4 44.4 82.5



#27

1,2-Dichloroethane

Concen: 37.939 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD075906.D

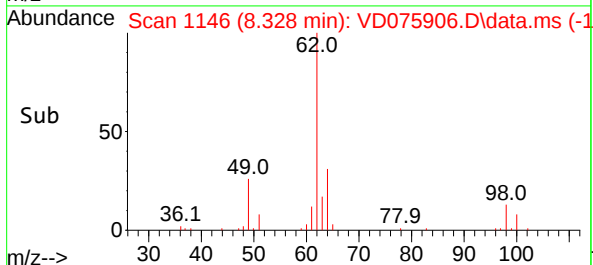
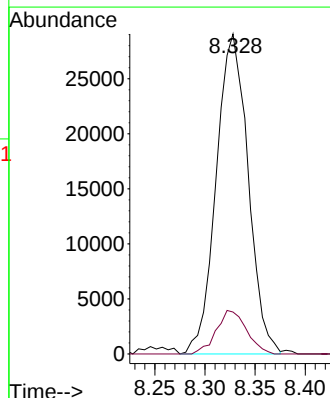
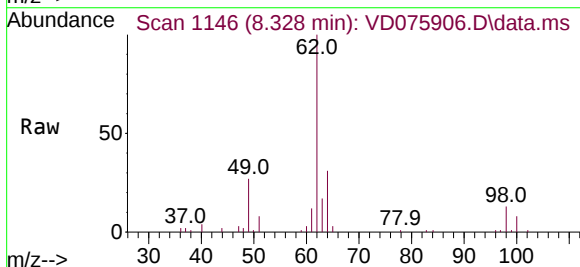
Acq: 29 Apr 2023 00:20

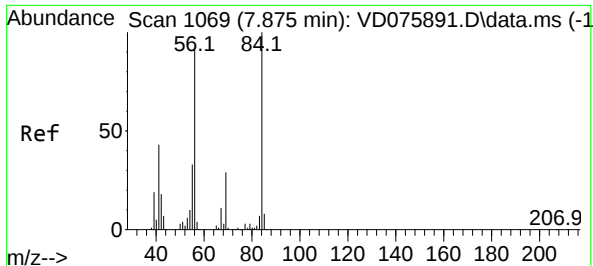
Tgt Ion: 62 Resp: 64324

Ion Ratio Lower Upper

62 100

98 13.1 10.2 15.2





#29

Cyclohexane

Concen: 16.518 ug/L

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD075906.D

Acq: 29 Apr 2023 00:20

Instrument :

MSVOA_D

ClientSampleId :

DCCL0MS

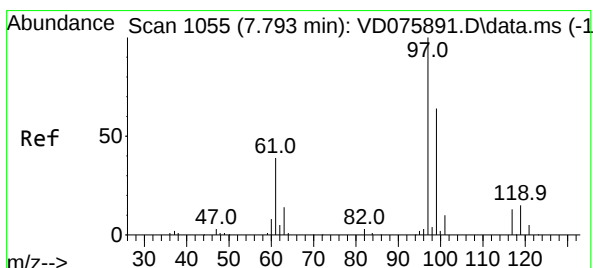
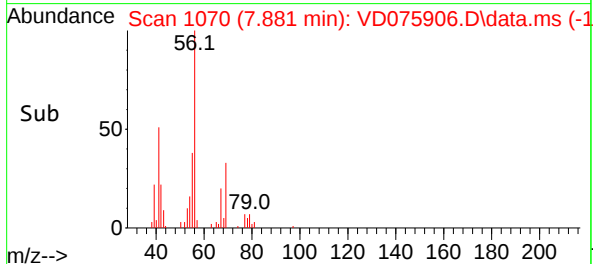
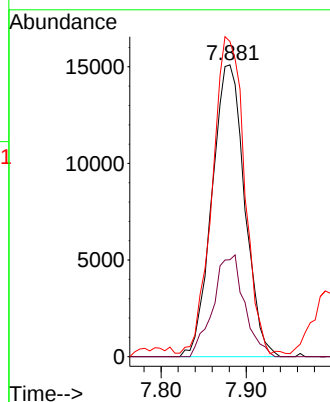
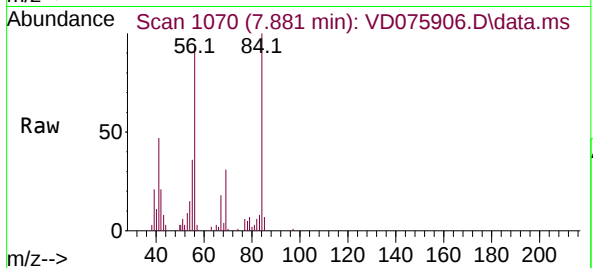
Tgt Ion: 56 Resp: 40237

Ion Ratio Lower Upper

56 100

69 33.3 28.2 42.2

84 108.8 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 21.307 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD075906.D

Acq: 29 Apr 2023 00:20

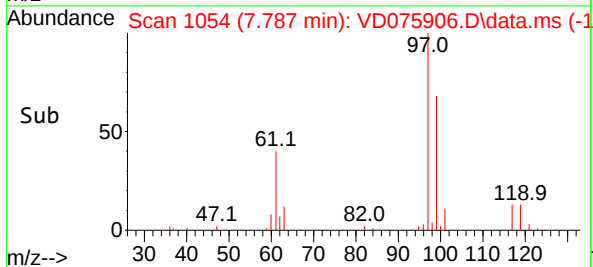
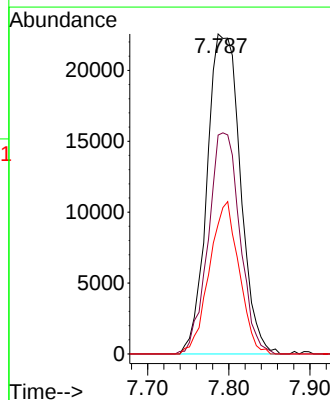
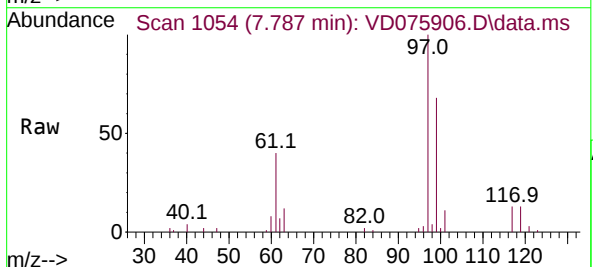
Tgt Ion: 97 Resp: 64147

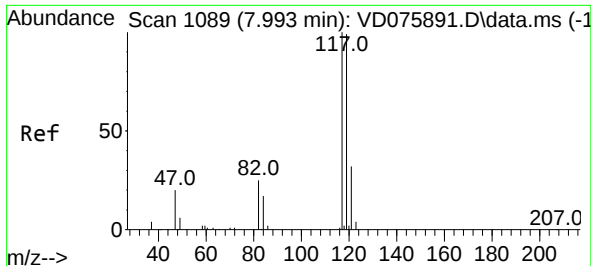
Ion Ratio Lower Upper

97 100

99 65.9 51.5 77.3

61 42.6 32.1 48.1

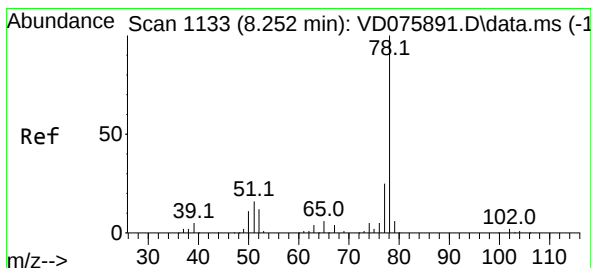
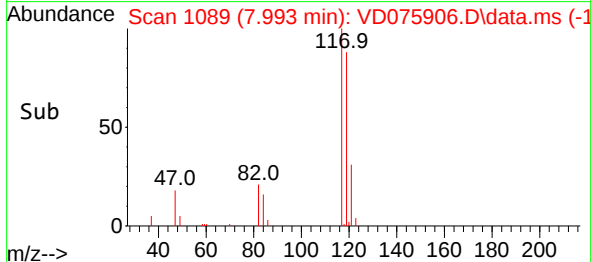
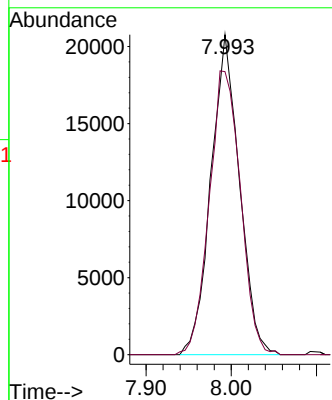
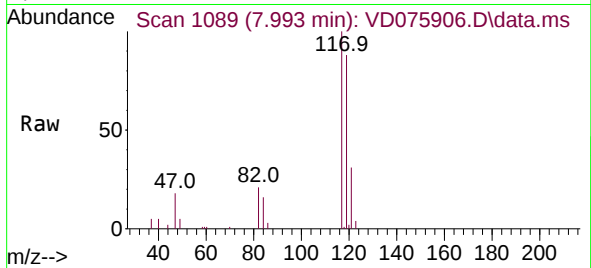




#31
Carbon tetrachloride
Concen: 19.974 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

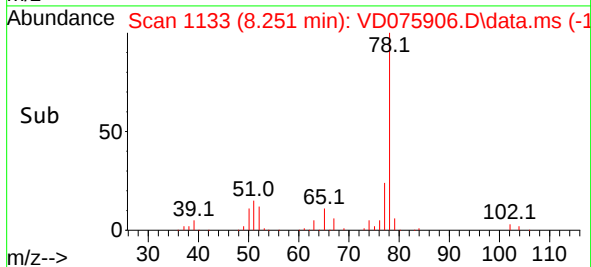
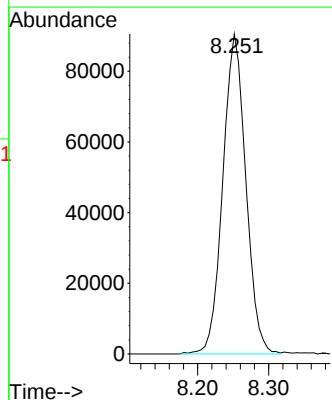
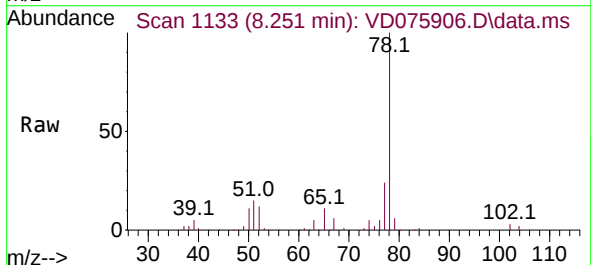
Instrument :
MSVOA_D
ClientSampleId :
DCCL0MS

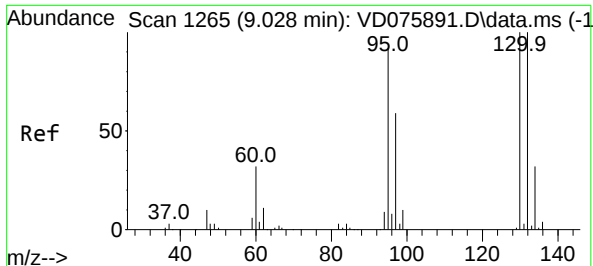
Tgt Ion:117 Resp: 48243
Ion Ratio Lower Upper
117 100
119 96.8 78.2 117.4



#33
Benzene
Concen: 23.655 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

Tgt Ion: 78 Resp: 203601



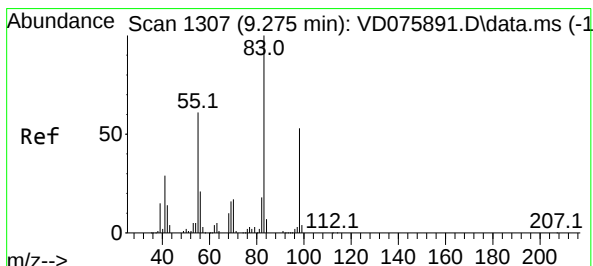
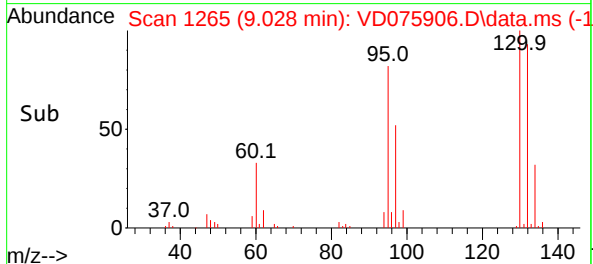
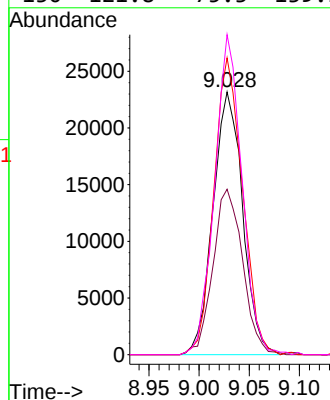
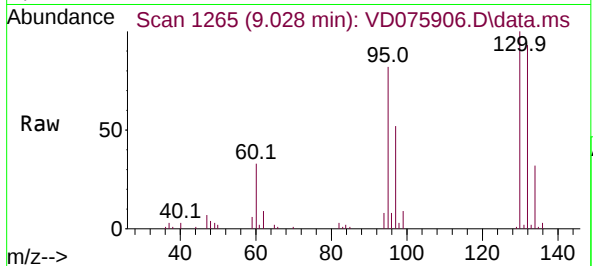


#34
Trichloroethene
Concen: 21.370 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

Instrument :
MSVOA_D
ClientSampleId :
DCCL0MS

Tgt Ion: 95 Resp: 47566

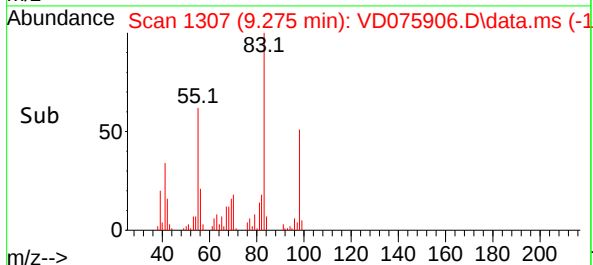
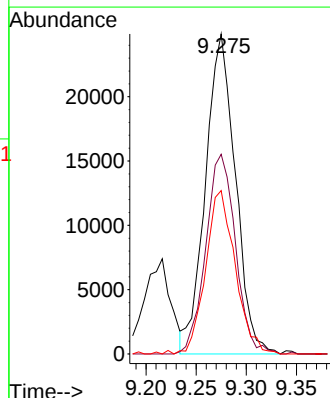
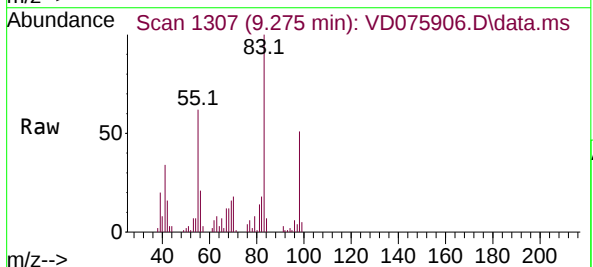
Ion	Ratio	Lower	Upper
95	100		
97	63.0	46.0	85.4
132	113.0	73.3	136.1
130	121.8	75.3	139.9

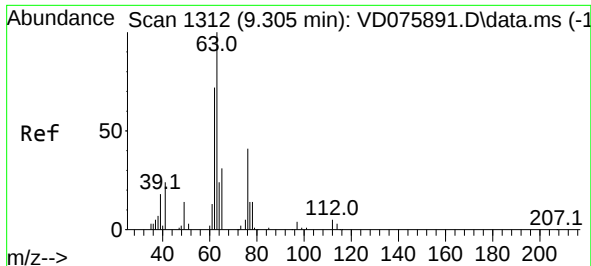


#35
Methylcyclohexane
Concen: 15.039 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

Tgt Ion: 83 Resp: 51609

Ion	Ratio	Lower	Upper
83	100		
55	62.0	48.2	72.2
98	50.3	40.8	61.2





#37

1,2-Dichloropropane

Concen: 27.676 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD075906.D

Acq: 29 Apr 2023 00:20

Instrument :

MSVOA_D

ClientSampleId :

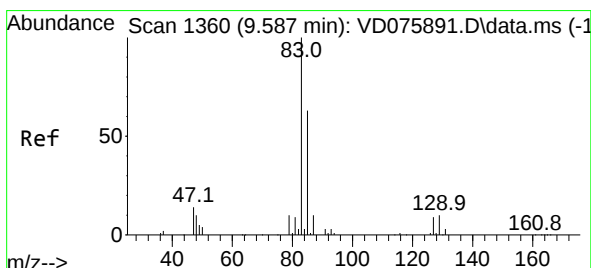
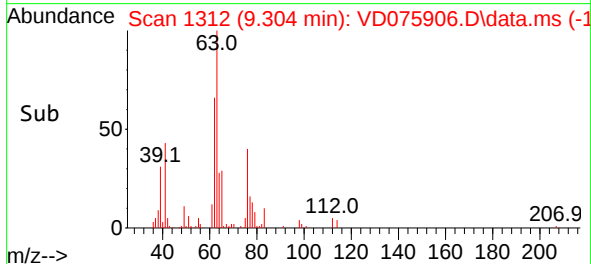
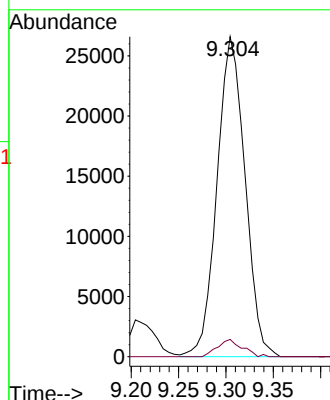
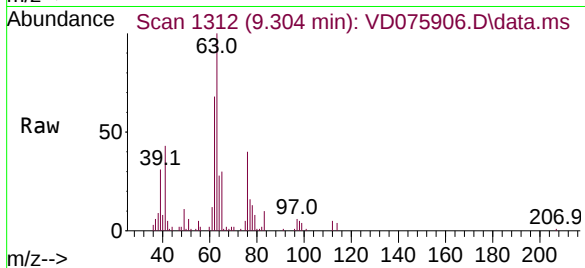
DCCL0MS

Tgt Ion: 63 Resp: 54719

Ion Ratio Lower Upper

63 100

112 4.7 4.0 6.0



#38

Bromodichloromethane

Concen: 28.205 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD075906.D

Acq: 29 Apr 2023 00:20

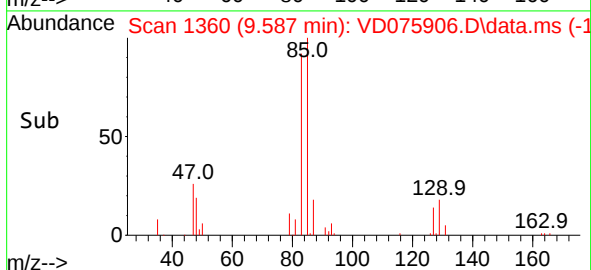
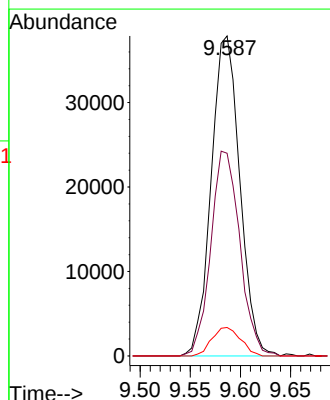
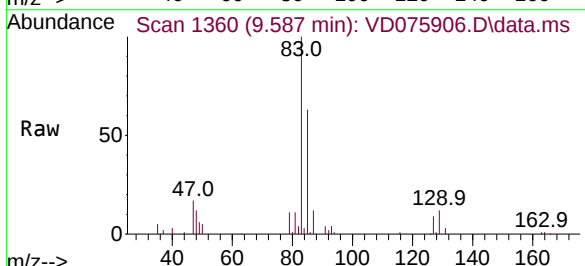
Tgt Ion: 83 Resp: 75189

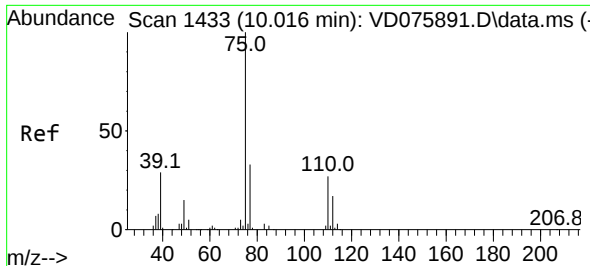
Ion Ratio Lower Upper

83 100

85 63.3 44.2 82.2

127 8.9 6.3 9.5

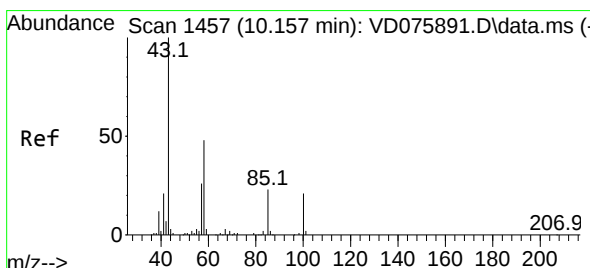
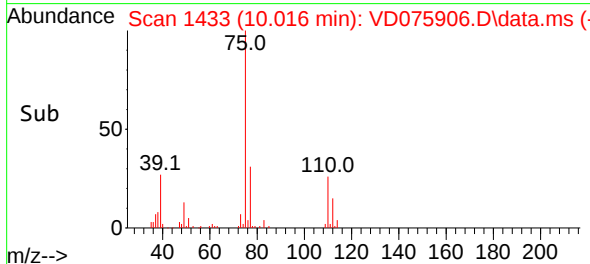
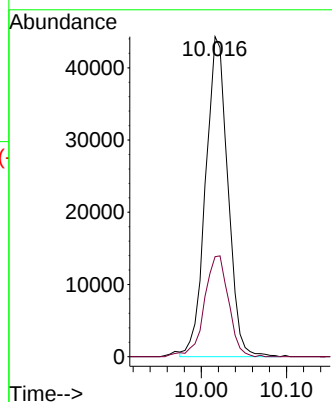
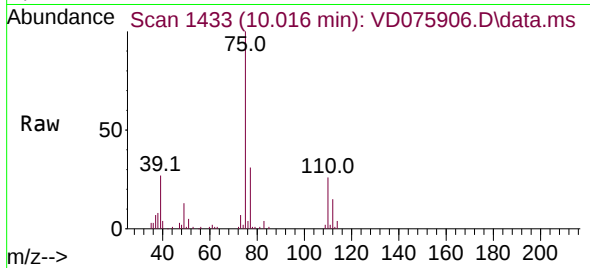




#39
 cis-1,3-Dichloropropene
 Concen: 25.547 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075906.D
 Acq: 29 Apr 2023 00:20

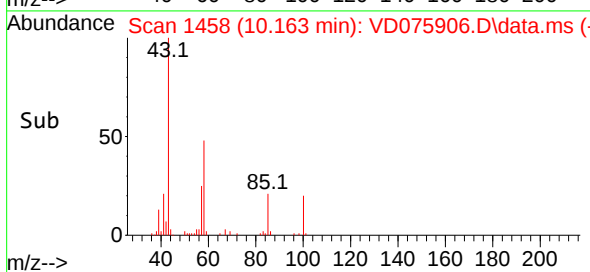
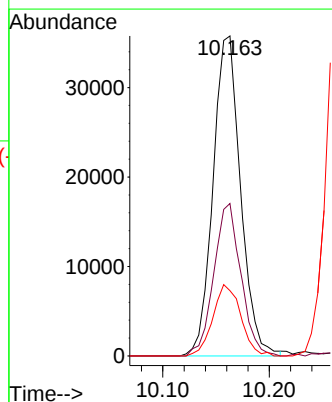
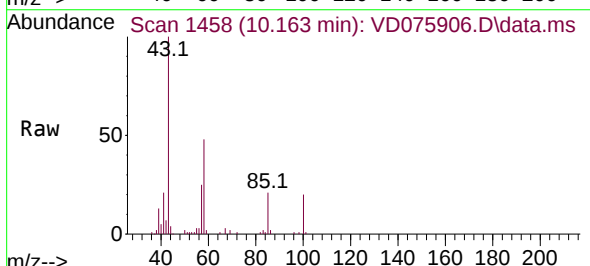
Instrument :
 MSVOA_D
 ClientSampleId :
 DCCL0MS

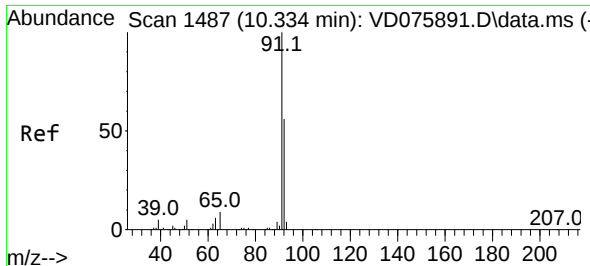
Tgt Ion: 75 Resp: 80327
 Ion Ratio Lower Upper
 75 100
 77 31.3 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 89.184 ug/L
 RT: 10.163 min Scan# 1458
 Delta R.T. 0.006 min
 Lab File: VD075906.D
 Acq: 29 Apr 2023 00:20

Tgt Ion: 43 Resp: 64288
 Ion Ratio Lower Upper
 43 100
 58 46.8 39.1 58.7
 100 22.6 19.4 29.0





#42

Toluene

Concen: 24.037 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075906.D

Acq: 29 Apr 2023 00:20

Instrument :

MSVOA_D

ClientSampleId :

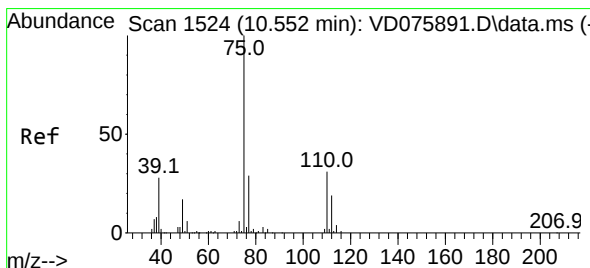
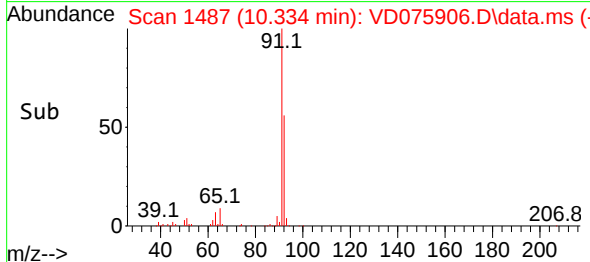
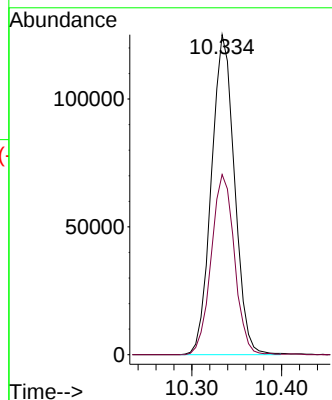
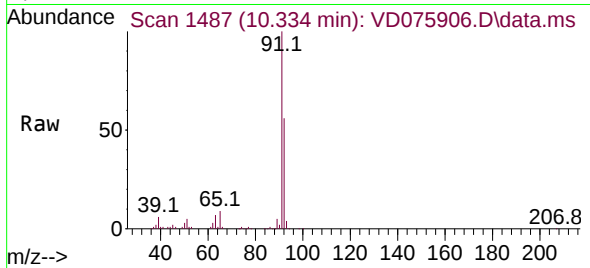
DCCL0MS

Tgt Ion: 91 Resp: 223881

Ion Ratio Lower Upper

91 100

92 56.3 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 30.772 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD075906.D

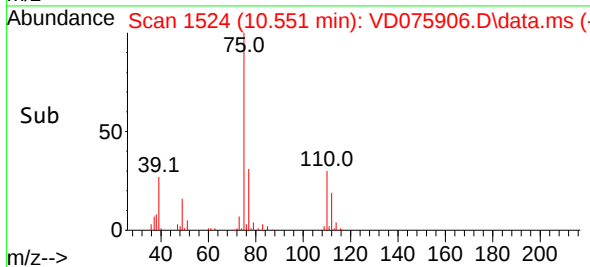
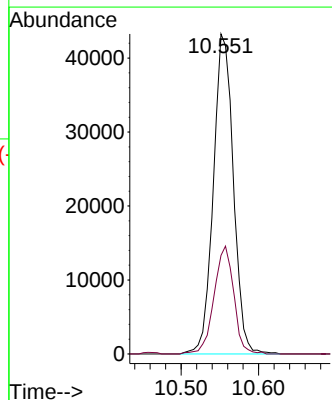
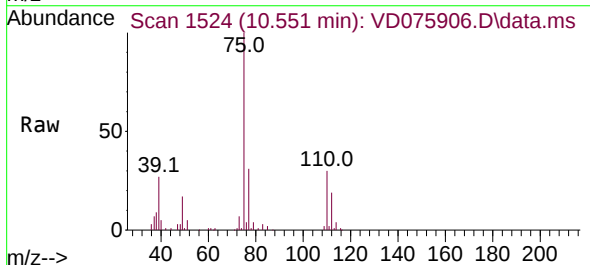
Acq: 29 Apr 2023 00:20

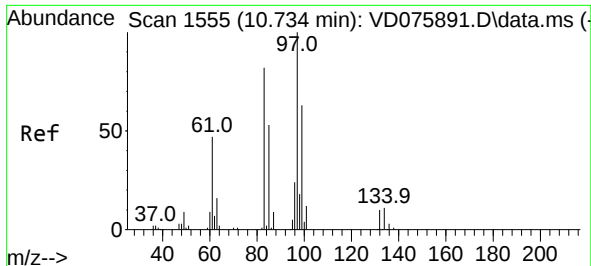
Tgt Ion: 75 Resp: 77728

Ion Ratio Lower Upper

75 100

77 30.8 22.0 41.0

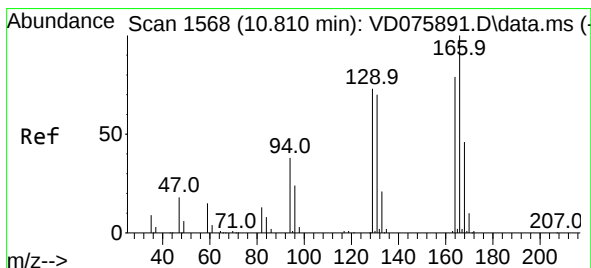
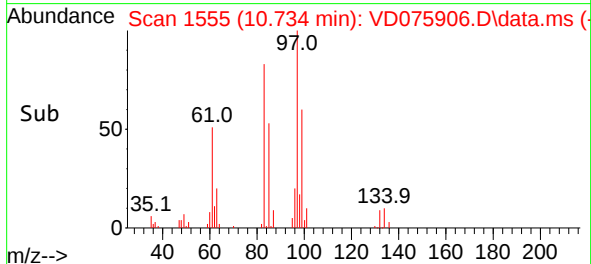
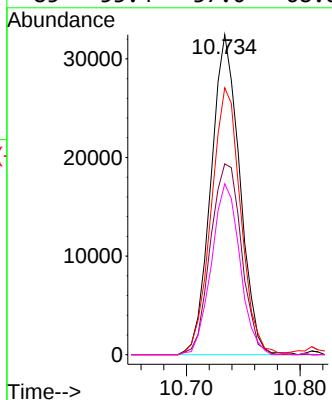
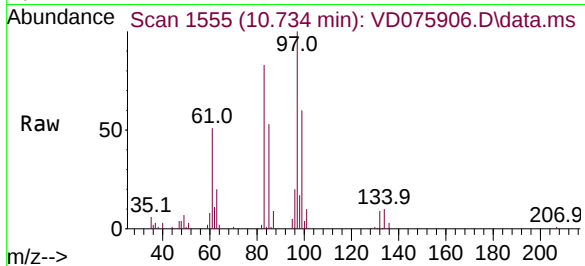




#45
1,1,2-Trichloroethane
Concen: 33.894 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

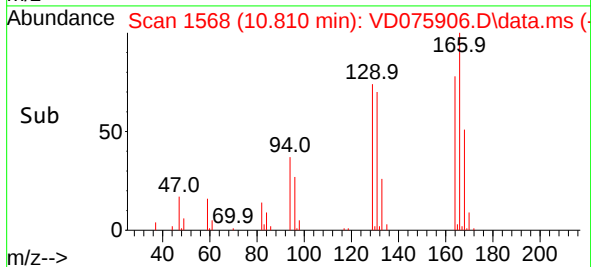
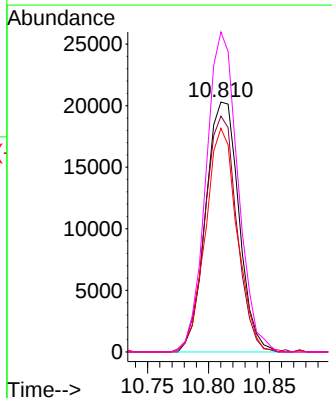
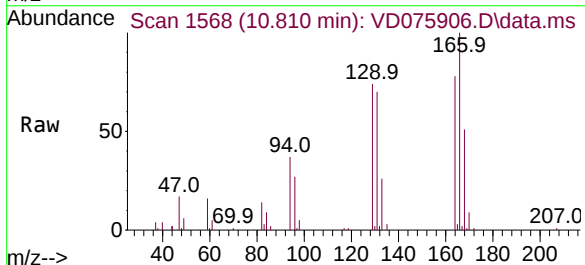
Instrument :
MSVOA_D
ClientSampleId :
DCCL0MS

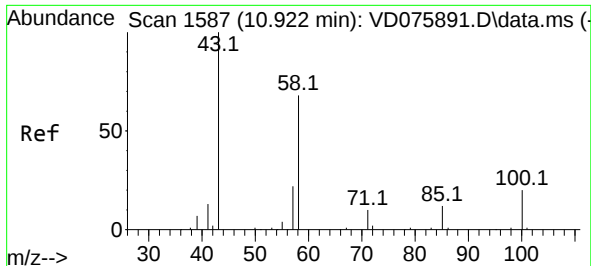
Tgt Ion: 97	Resp: 57010
Ion Ratio	Lower Upper
97 100	
99 59.7	42.2 78.4
83 83.4	54.8 101.8
85 53.4	37.0 68.8



#46
Tetrachloroethene
Concen: 21.034 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

Tgt	Ion:164	Resp:	38401
Ion	Ratio	Lower	Upper
164	100		
129	94.4	60.3	112.1
131	89.5	58.9	109.3
166	128.1	83.0	154.1

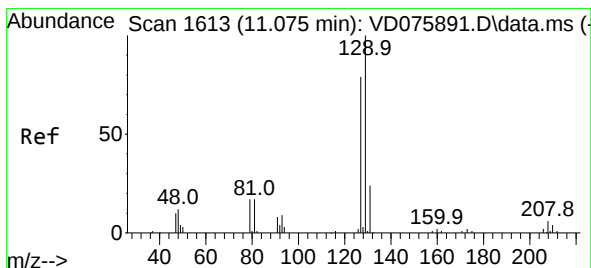
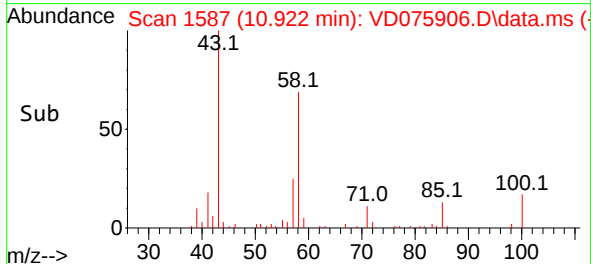
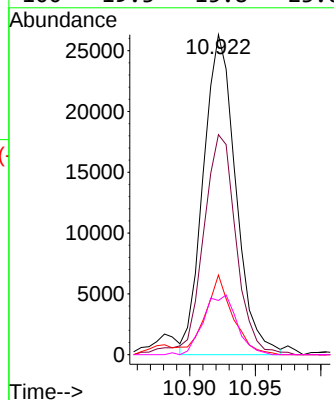
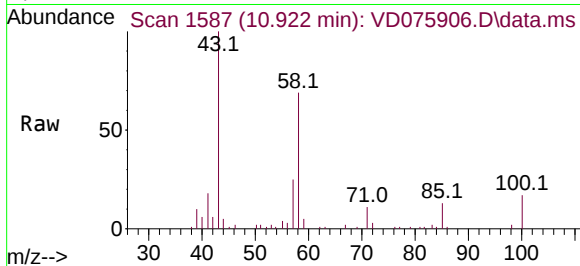




#48
2-Hexanone
Concen: 88.906 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

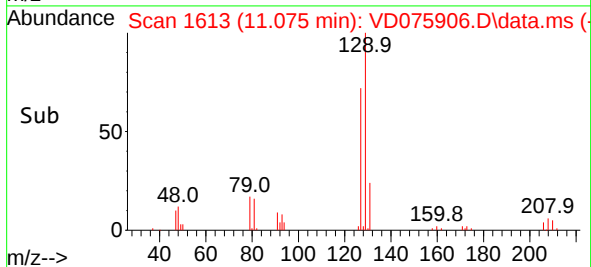
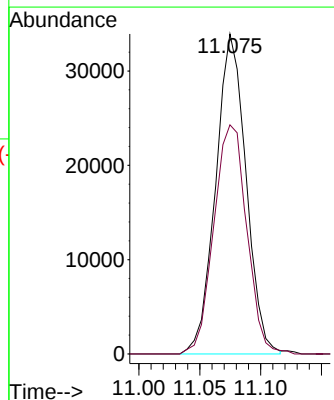
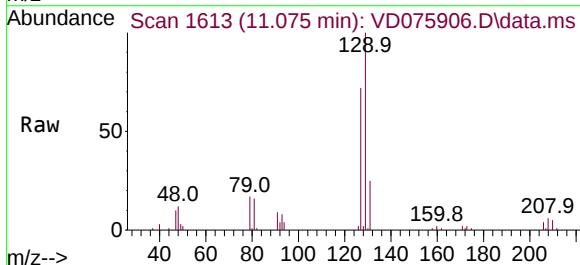
Instrument :
MSVOA_D
ClientSampleId :
DCCL0MS

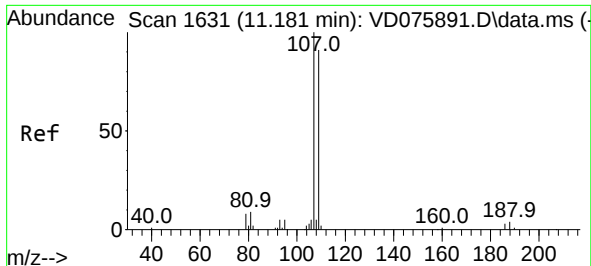
Tgt Ion:	43	Resp:	45180
Ion	Ratio	Lower	Upper
43	100		
58	70.2	59.7	89.5
57	21.1	17.9	26.9
100	19.3	15.8	23.6



#49
Dibromochloromethane
Concen: 32.167 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

Tgt Ion:	129	Resp:	58902
Ion	Ratio	Lower	Upper
129	100		
127	71.6	55.6	103.4

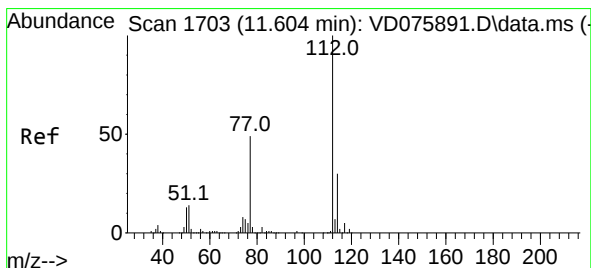
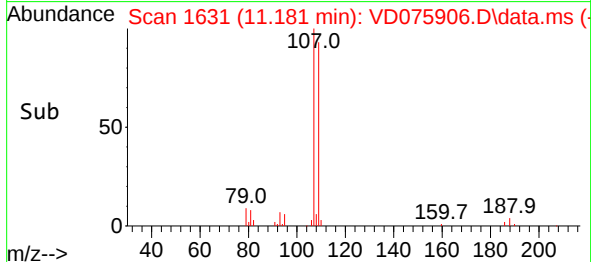
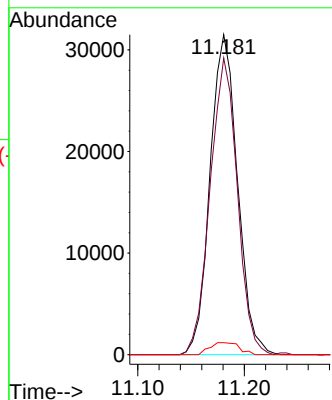
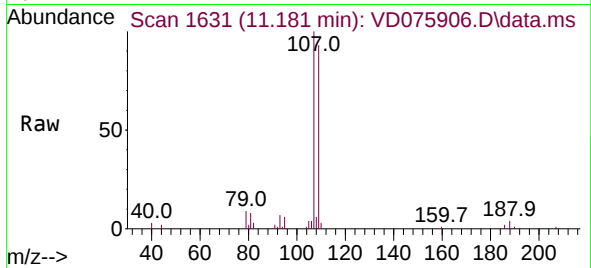




#50
1,2-Dibromoethane
Concen: 37.137 ug/L
RT: 11.181 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

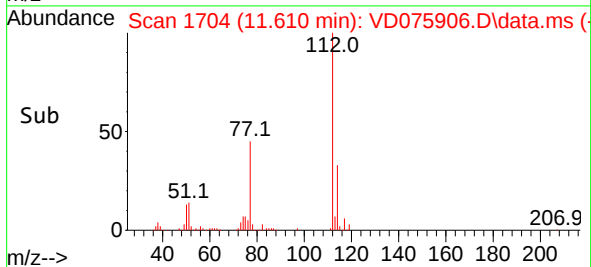
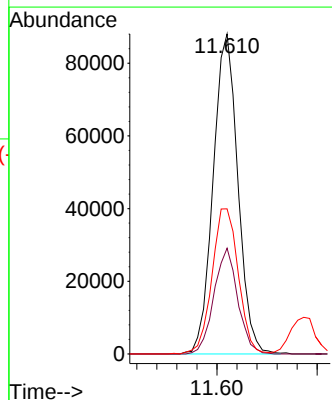
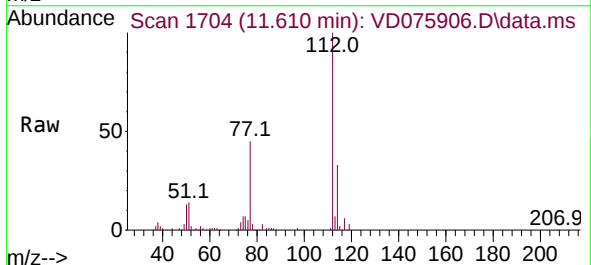
Instrument :
MSVOA_D
ClientSampleId :
DCCL0MS

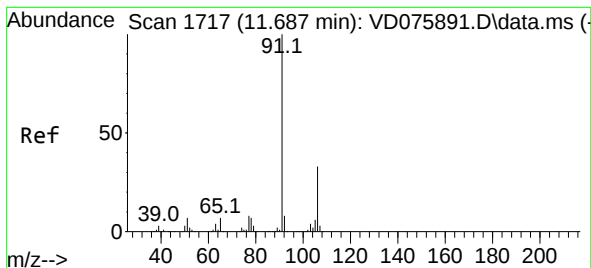
Tgt Ion:107 Resp: 56316
Ion Ratio Lower Upper
107 100
109 92.7 67.6 125.6
188 3.7 3.0 4.6



#51
Chlorobenzene
Concen: 24.743 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

Tgt Ion:112 Resp: 150767
Ion Ratio Lower Upper
112 100
114 33.0 23.0 42.8
77 45.3 39.7 59.5





#52

Ethylbenzene

Concen: 21.524 ug/L

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD075906.D

Acq: 29 Apr 2023 00:20

Instrument :

MSVOA_D

ClientSampleId :

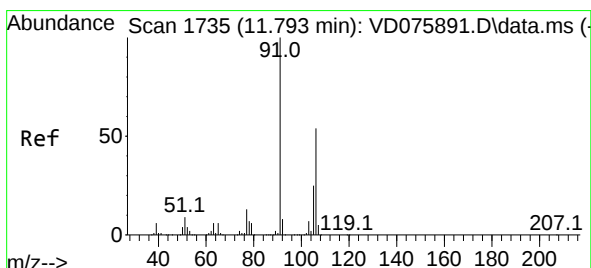
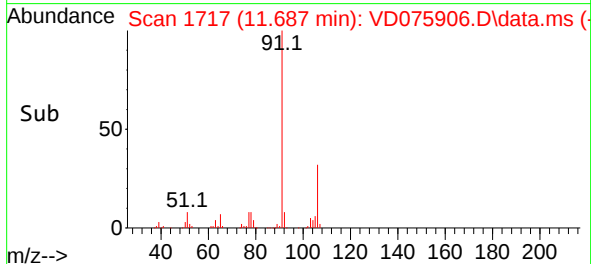
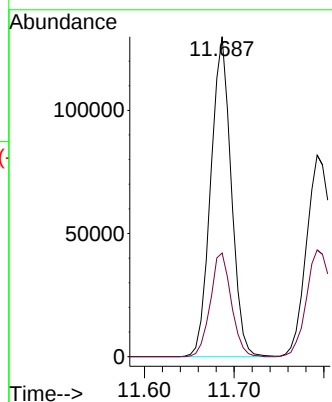
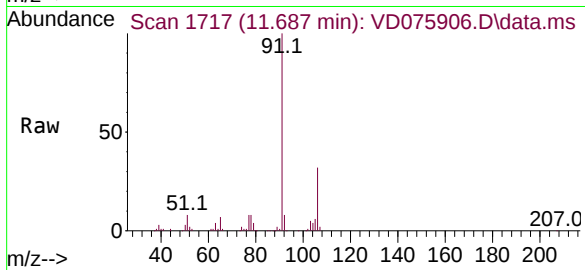
DCCL0MS

Tgt Ion: 91 Resp: 205577

Ion Ratio Lower Upper

91 100

106 32.4 23.7 43.9



#53

m,p-Xylene

Concen: 22.035 ug/L

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD075906.D

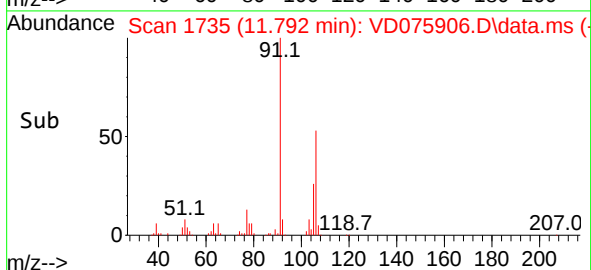
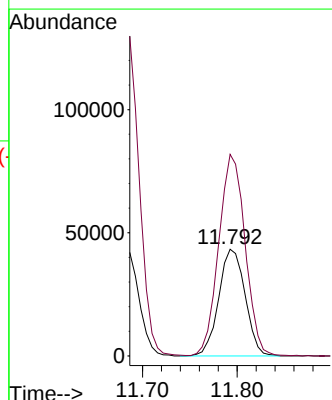
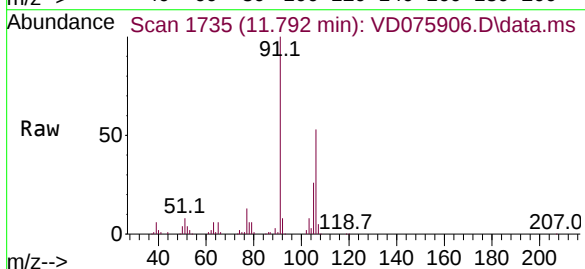
Acq: 29 Apr 2023 00:20

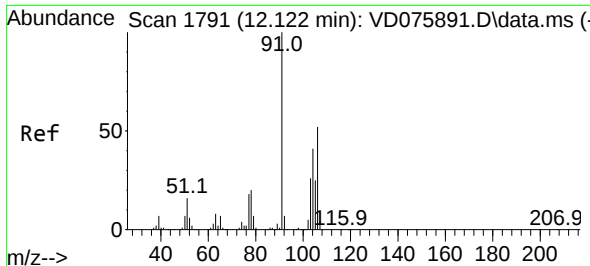
Tgt Ion: 106 Resp: 83801

Ion Ratio Lower Upper

106 100

91 188.9 130.9 243.1

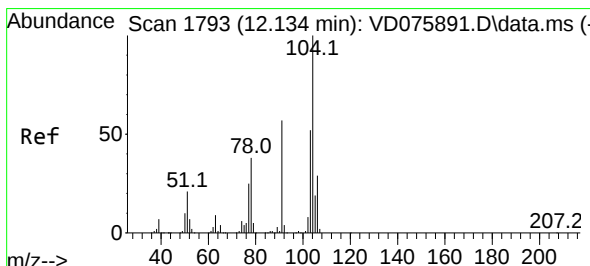
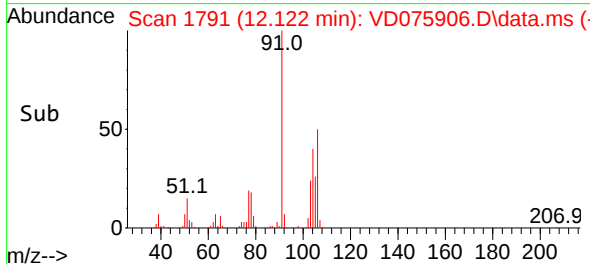
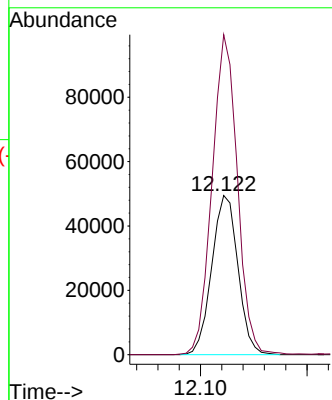
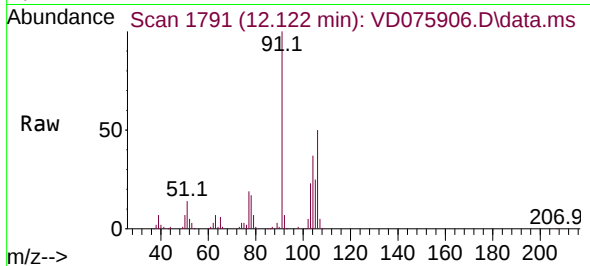




#54
o-Xylene
Concen: 23.366 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

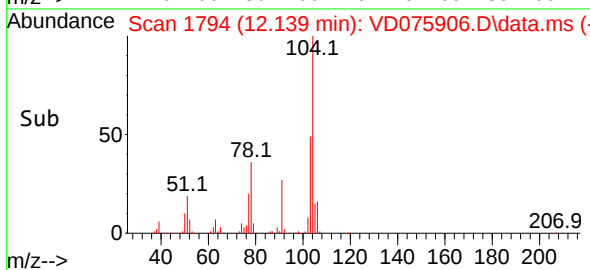
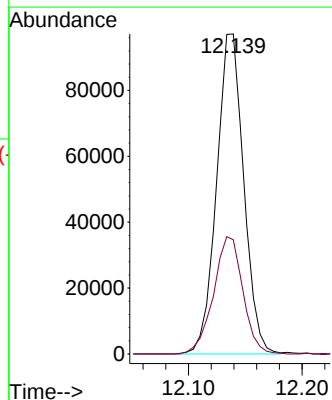
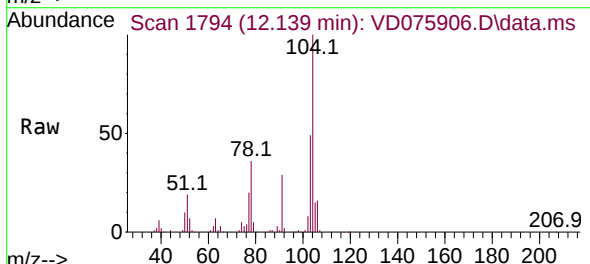
Instrument :
MSVOA_D
ClientSampleId :
DCCL0MS

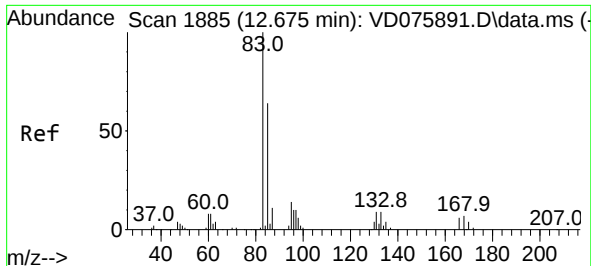
Tgt Ion:106 Resp: 84404
Ion Ratio Lower Upper
106 100
91 201.0 139.8 259.6



#55
Styrene
Concen: 25.667 ug/L
RT: 12.139 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

Tgt Ion:104 Resp: 161369
Ion Ratio Lower Upper
104 100
78 35.7 26.2 48.6

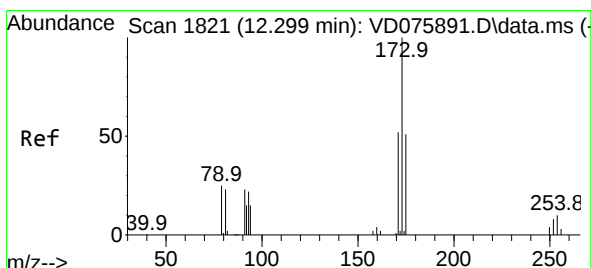
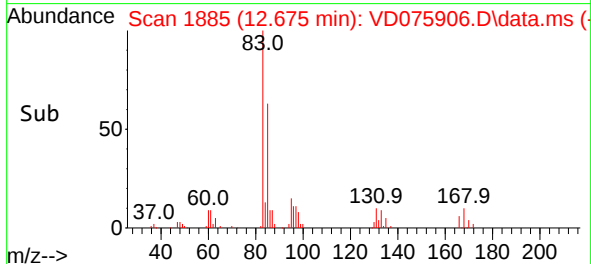
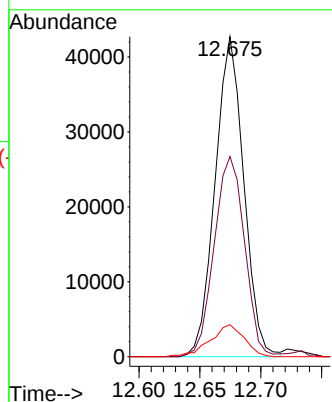
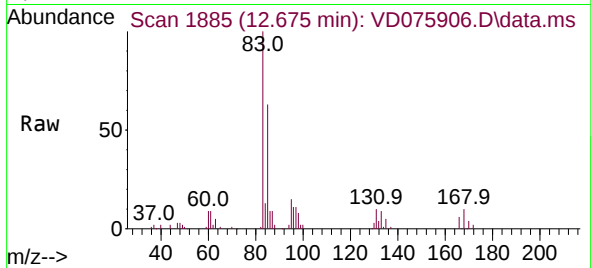




#57
1,1,2,2-Tetrachloroethane
Concen: 40.913 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

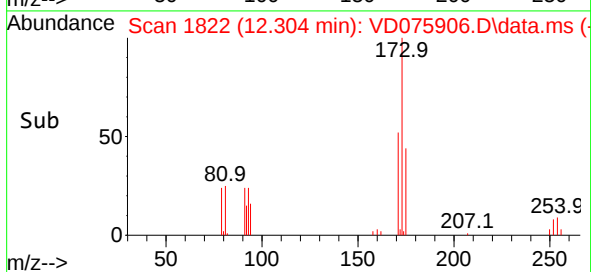
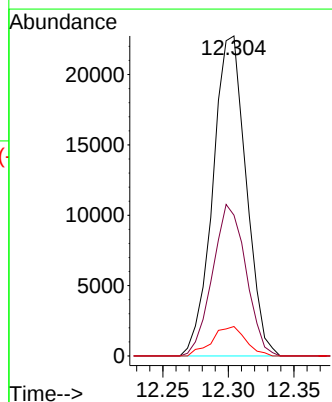
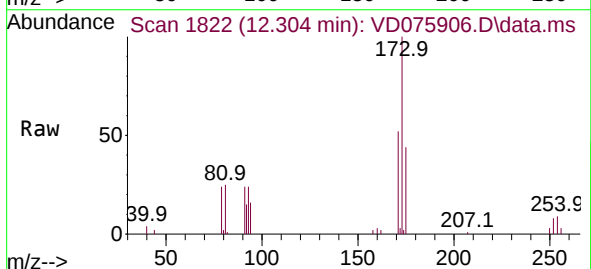
Instrument :
MSVOA_D
ClientSampleId :
DCCL0MS

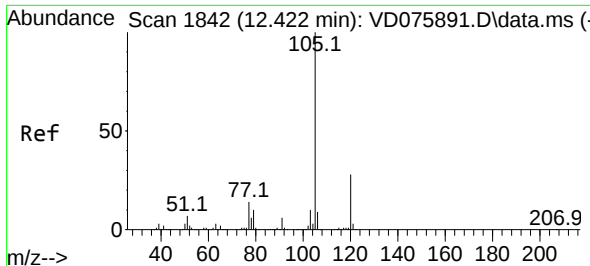
Tgt Ion: 83 Resp: 70018
Ion Ratio Lower Upper
83 100
85 62.6 45.1 83.7
131 10.0 7.0 10.6



#59
Bromoform
Concen: 37.341 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

Tgt Ion: 173 Resp: 40078
Ion Ratio Lower Upper
173 100
175 47.6 39.4 59.0
254 9.4 7.4 11.2

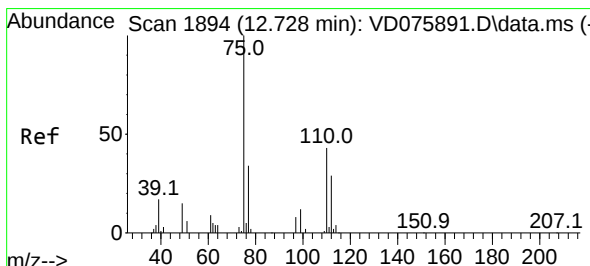
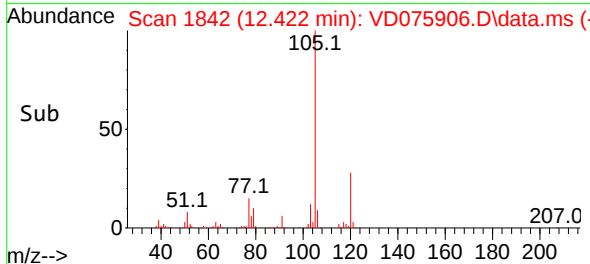
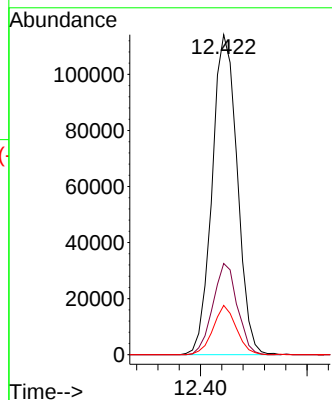
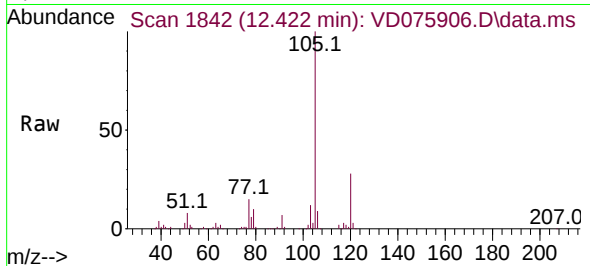




#60
Isopropylbenzene
Concen: 20.110 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

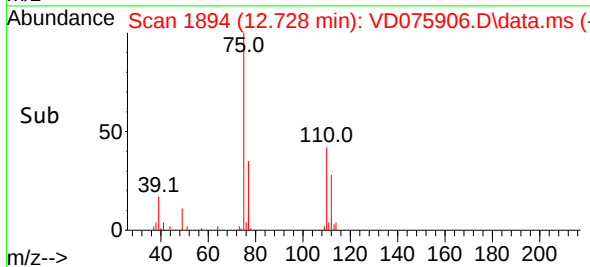
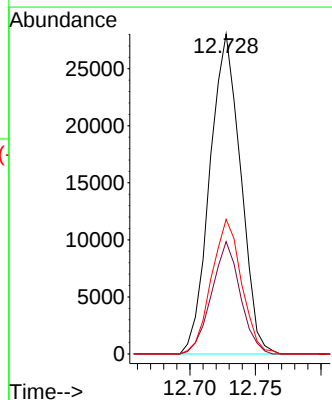
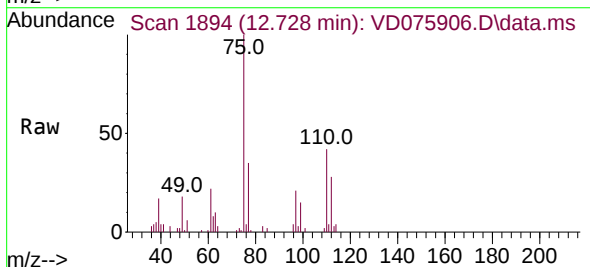
Instrument :
MSVOA_D
ClientSampleId :
DCCL0MS

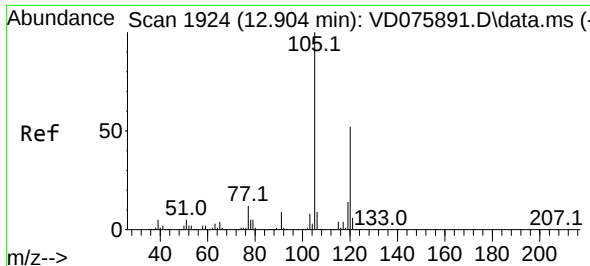
Tgt Ion:105 Resp: 186739
Ion Ratio Lower Upper
105 100
120 27.7 22.7 34.1
77 14.2 10.9 16.3



#61
1,2,3-Trichloropropane
Concen: 41.663 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

Tgt Ion: 75 Resp: 45834
Ion Ratio Lower Upper
75 100
77 32.6 26.6 39.8
110 41.1 33.5 50.3

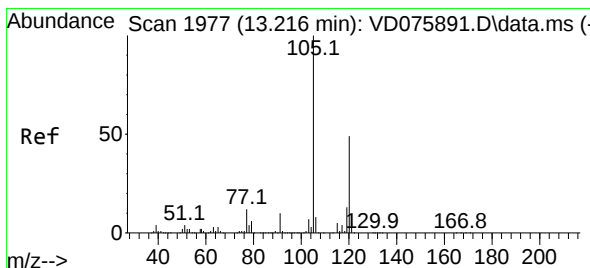
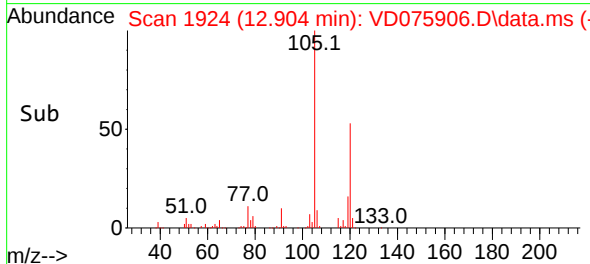
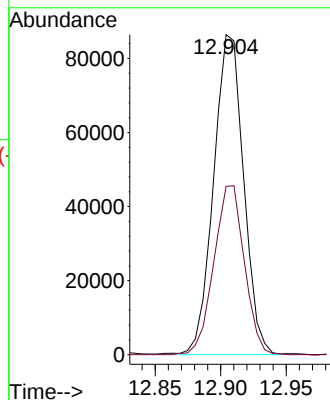
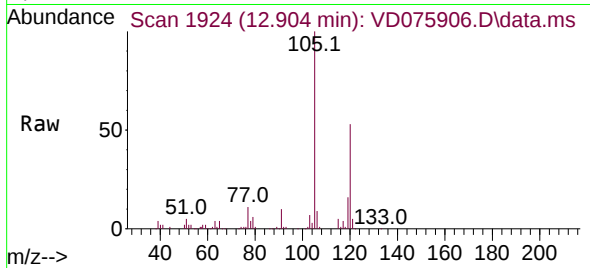




#62
 1,3,5-Trimethylbenzene
 Concen: 19.851 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD075906.D
 Acq: 29 Apr 2023 00:20

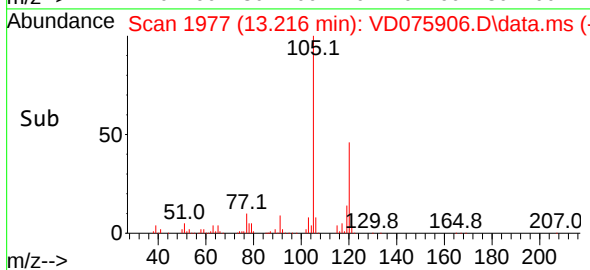
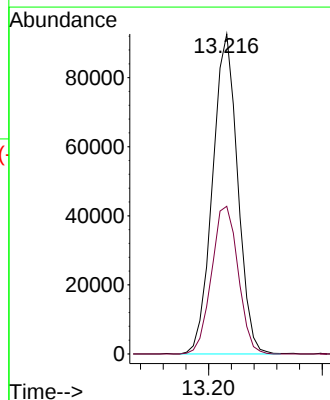
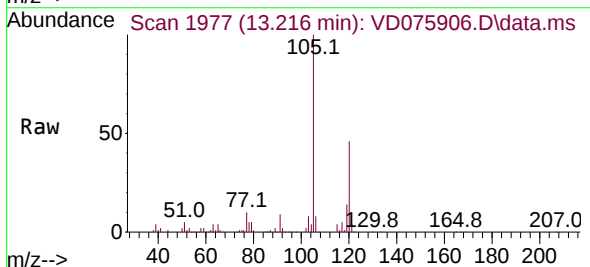
Instrument :
 MSVOA_D
 ClientSampleId :
 DCCL0MS

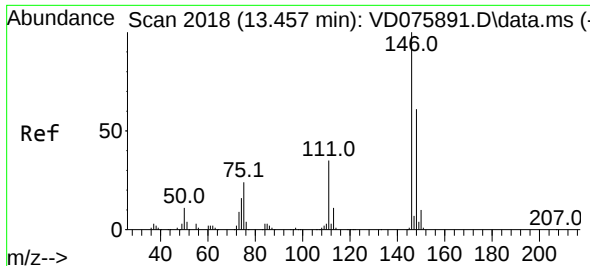
Tgt Ion:105 Resp: 137455
 Ion Ratio Lower Upper
 105 100
 120 53.6 42.0 63.0



#63
 1,2,4-Trimethylbenzene
 Concen: 21.276 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. -0.000 min
 Lab File: VD075906.D
 Acq: 29 Apr 2023 00:20

Tgt Ion:105 Resp: 142015
 Ion Ratio Lower Upper
 105 100
 120 48.8 39.0 58.6

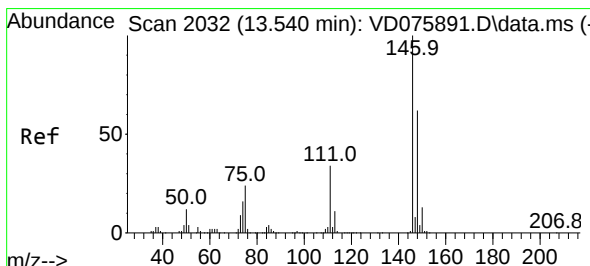
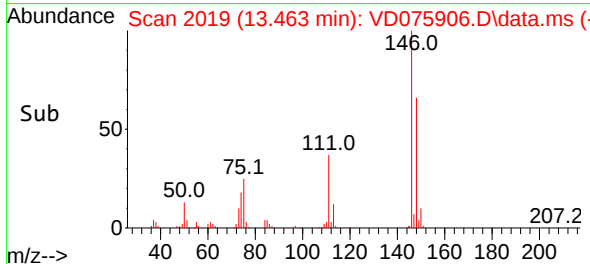
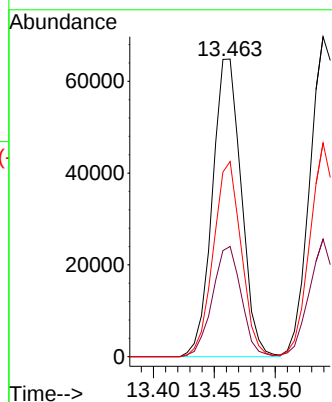
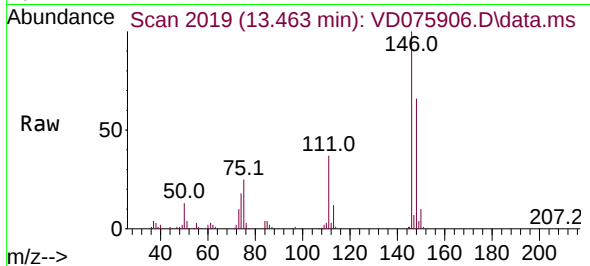




#64
1,3-Dichlorobenzene
Concen: 24.145 ug/L
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

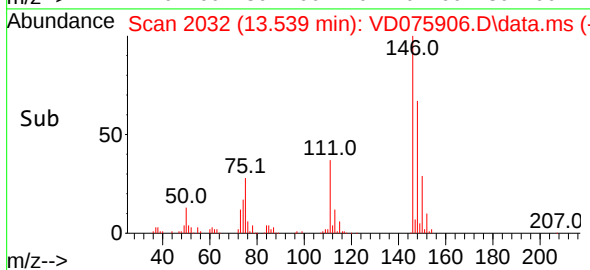
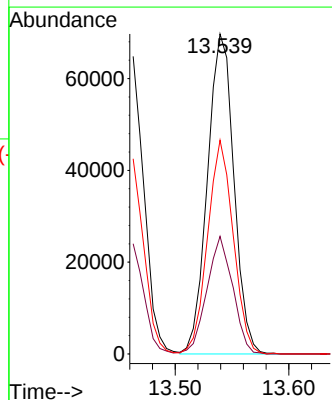
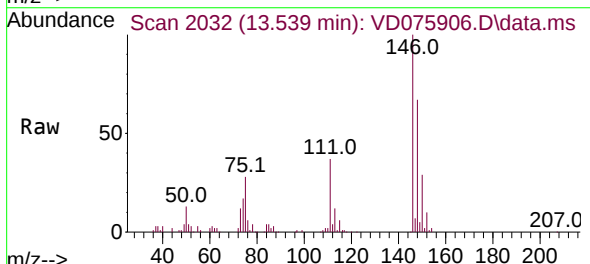
Instrument :
MSVOA_D
ClientSampleId :
DCCL0MS

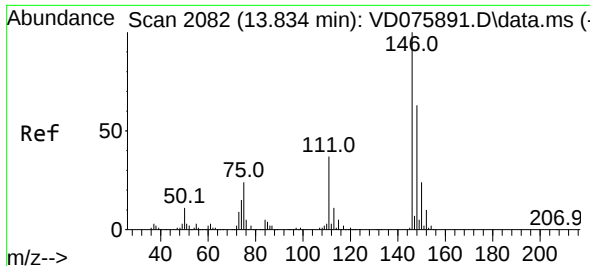
Tgt Ion:146 Resp: 107279
Ion Ratio Lower Upper
146 100
111 37.0 26.5 49.1
148 65.6 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 24.210 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075906.D
Acq: 29 Apr 2023 00:20

Tgt Ion:146 Resp: 112893
Ion Ratio Lower Upper
146 100
111 36.7 24.6 45.8
148 66.8 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 26.453 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075906.D

Acq: 29 Apr 2023 00:20

Instrument :

MSVOA_D

ClientSampleId :

DCCL0MS

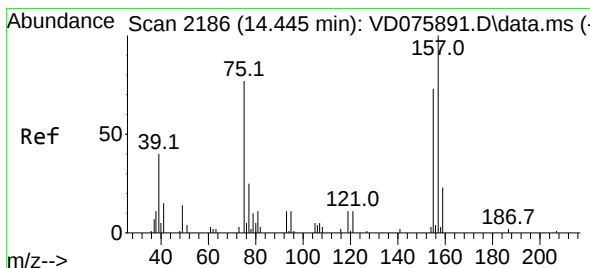
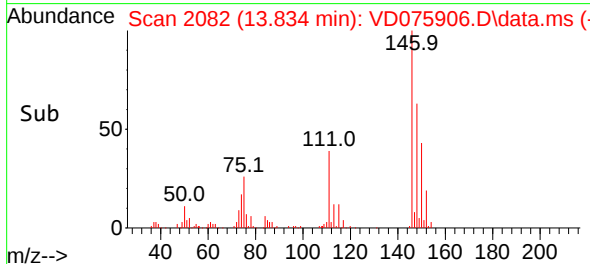
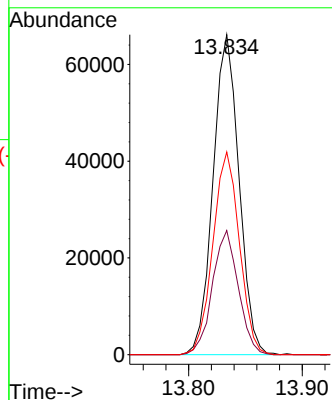
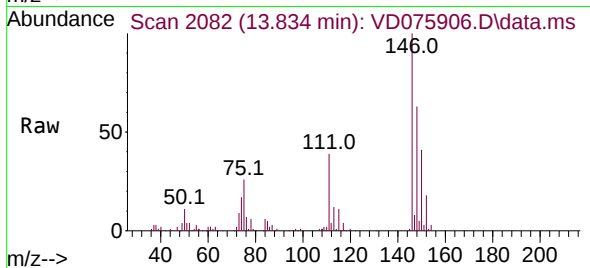
Tgt Ion:146 Resp: 104958

Ion Ratio Lower Upper

146 100

111 38.8 30.6 46.0

148 63.4 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 44.001 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075906.D

Acq: 29 Apr 2023 00:20

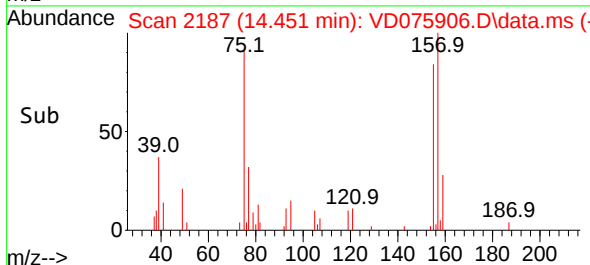
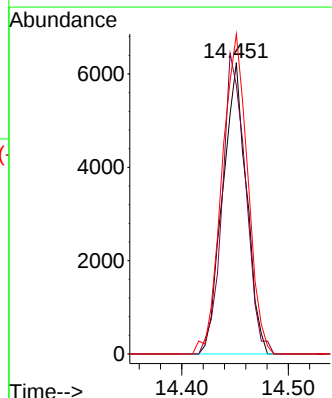
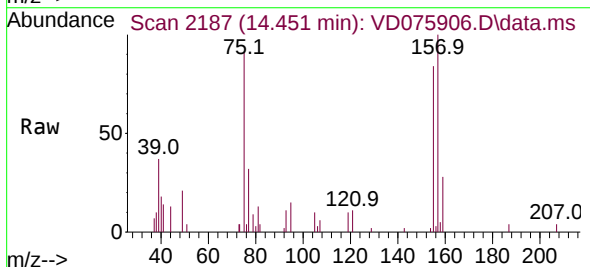
Tgt Ion: 75 Resp: 9677

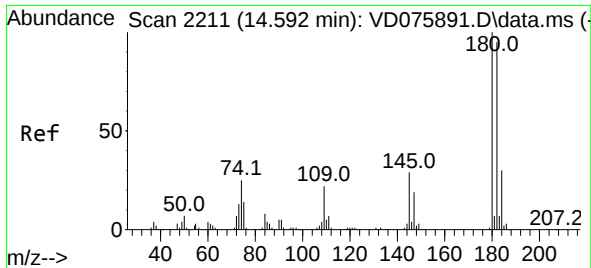
Ion Ratio Lower Upper

75 100

155 92.2 74.6 111.8

157 109.9 109.4 164.2

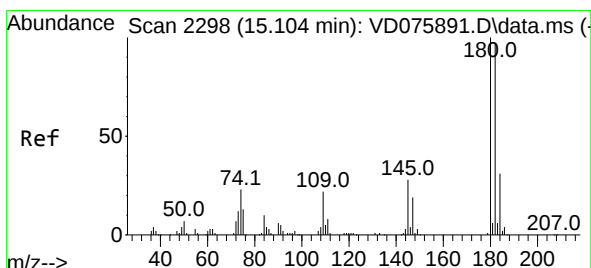
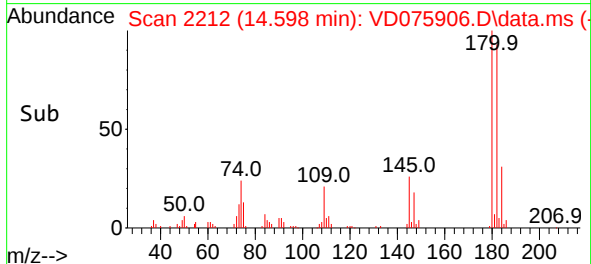
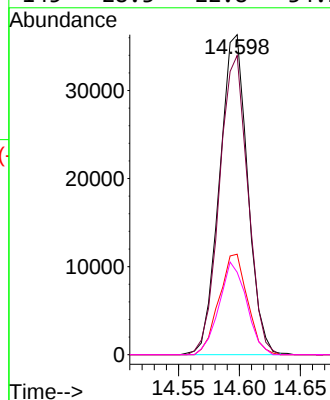
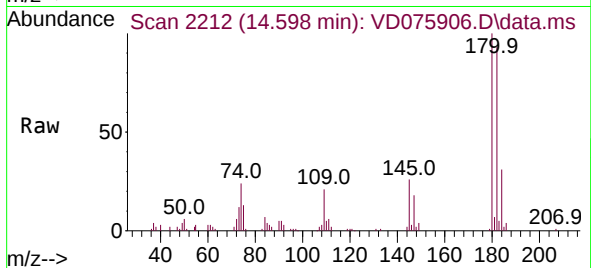




#69
 1,3,5-Trichlorobenzene
 Concen: 19.604 ug/L
 RT: 14.598 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD075906.D
 Acq: 29 Apr 2023 00:20

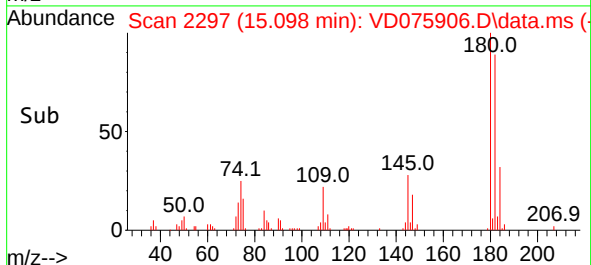
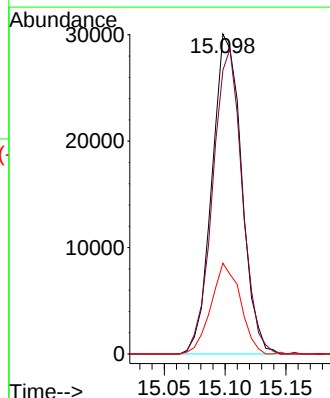
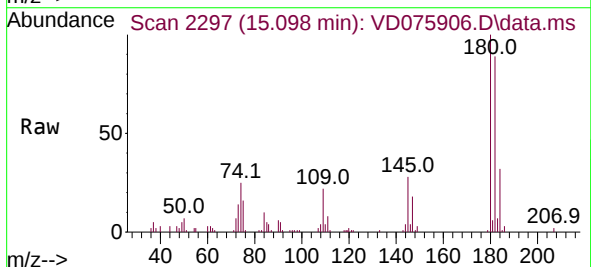
Instrument :
 MSVOA_D
 ClientSampleId :
 DCCL0MS

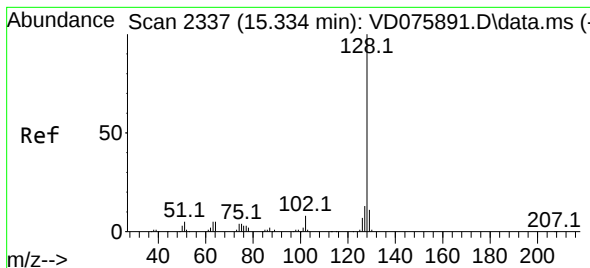
Tgt Ion:180	Resp:	58380
Ion Ratio	Lower	Upper
180	100	
182	94.3	74.9 112.3
184	31.8	25.0 37.4
145	28.3	22.8 34.2



#70
 1,2,4-trichlorobenzene
 Concen: 20.556 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD075906.D
 Acq: 29 Apr 2023 00:20

Tgt Ion:180	Resp:	50731
Ion Ratio	Lower	Upper
180	100	
182	94.8	75.4 113.2
145	28.2	23.6 35.4





#71

Naphthalene

Concen: 31.182 ug/L

RT: 15.333 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD075906.D

Acq: 29 Apr 2023 00:20

Instrument :

MSVOA_D

ClientSampleId :

DCCL0MS

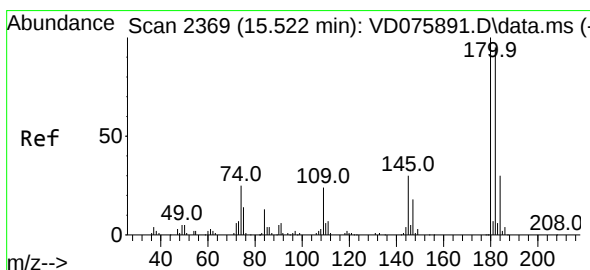
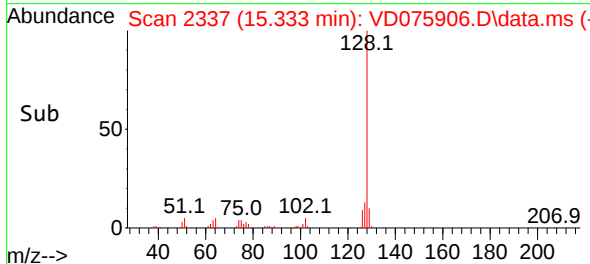
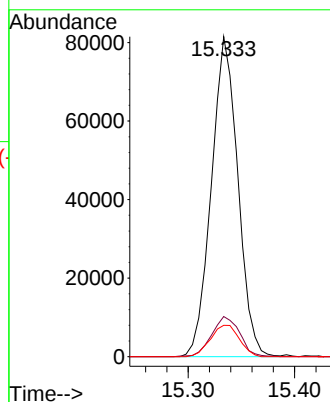
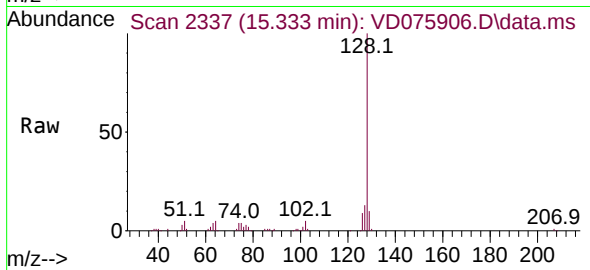
Tgt Ion:128 Resp: 140826

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.7 9.1 13.7



#72

1,2,3-Trichlorobenzene

Concen: 24.272 ug/L

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD075906.D

Acq: 29 Apr 2023 00:20

Tgt Ion:180 Resp: 53469

Ion Ratio Lower Upper

180 100

182 96.6 76.3 114.5

145 30.0 25.0 37.6

