

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
 Data File : VD075907.D
 Acq On : 29 Apr 2023 00:49
 Operator : KP/SY
 Sample : 02525-15MSD
 Misc : 5.90G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCL0MSD

Quant Time: Apr 29 05:17:20 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	338508	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.586	117	315451	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	153153	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	174885	23.550	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.200%
7) Chloroethane-d5	2.805	69	151919	23.677	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.720%
11) 1,1-Dichloroethene-d2	3.916	65	38437	22.451	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.800%
21) 2-Butanone-d5	6.987	46	32260	50.041	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.080%
24) Chloroform-d	7.569	84	209248	24.719	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.880%
26) 1,2-Dichloroethane-d4	8.234	65	89304	24.704	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	8.204	84	437841	23.814	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.240%
36) 1,2-Dichloropropane-d6	9.210	67	124042	24.374	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.480%
41) Toluene-d8	10.269	98	410279	23.836	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.360%
43) trans-1,3-Dichloroprop...	10.528	79	48299	22.961	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.840%
47) 2-Hexanone-d5	10.875	63	28498	46.508	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.020%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	94594	24.291	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.160%
66) 1,2-Dichlorobenzene-d4	13.816	152	124188	22.925	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	125456	26.884	ug/L	97
3) Chloromethane	2.146	50	180739	27.783	ug/L	99
5) Vinyl chloride	2.281	62	222984	26.227	ug/L	99
6) Bromomethane	2.693	94	140472	24.588	ug/L	98
8) Chloroethane	2.840	64	145000	26.370	ug/L	96
9) Trichlorofluoromethane	3.175	101	173487	25.396	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	115325	25.128	ug/L	97
12) 1,1-Dichloroethene	3.940	96	116709	26.222	ug/L	90
13) Acetone	4.034	43	30722	55.687	ug/L	97
14) Carbon disulfide	4.275	76	390897	25.145	ug/L	98
15) Methyl Acetate	4.563	43	32565	27.237	ug/L #	63
16) Methylene chloride	4.805	84	151452	22.055	ug/L	100
17) trans-1,2-Dichloroethene	5.316	96	126910	25.429	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	205067	25.616	ug/L #	90
19) 1,1-Dichloroethane	6.110	63	199640	27.306	ug/L	98
20) cis-1,2-Dichloroethene	7.087	96	137214	26.001	ug/L	96
22) 2-Butanone	7.087	43	36567	50.842	ug/L #	61
23) Bromochloromethane	7.434	128	66250	27.070	ug/L	93
25) Chloroform	7.593	83	217354	26.526	ug/L	98

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 Response via : Initial Calibration

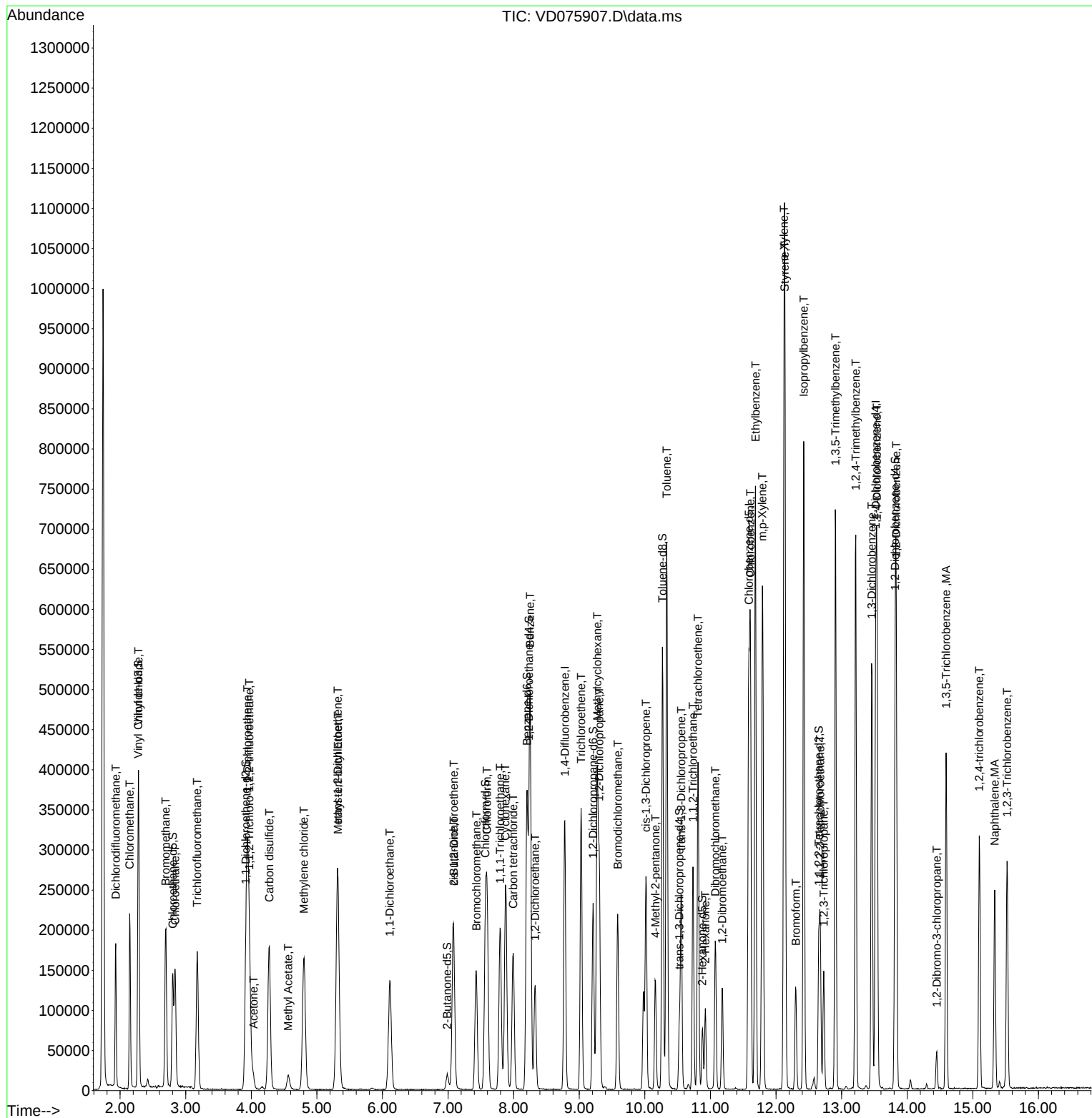
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	115355	27.274	ug/L	97
29) Cyclohexane	7.875	56	137052	25.379	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	173302	25.966	ug/L	99
31) Carbon tetrachloride	7.993	117	136934	25.573	ug/L	98
33) Benzene	8.251	78	501088	26.261	ug/L	100
34) Trichloroethene	9.028	95	125406	25.414	ug/L	97
35) Methylcyclohexane	9.275	83	178528	23.466	ug/L	97
37) 1,2-Dichloropropane	9.304	63	120222	27.428	ug/L	99
38) Bromodichloromethane	9.587	83	152763	25.848	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	175877	25.231	ug/L	100
40) 4-Methyl-2-pentanone	10.163	43	83343	52.152	ug/L	97
42) Toluene	10.334	91	554389	26.848	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	144741	25.847	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	95363	25.574	ug/L	96
46) Tetrachloroethene	10.810	164	100730	24.888	ug/L	97
48) 2-Hexanone	10.922	43	56217	49.900	ug/L	93
49) Dibromochloromethane	11.075	129	103727	25.552	ug/L	95
50) 1,2-Dibromoethane	11.181	107	85526	25.440	ug/L	100
51) Chlorobenzene	11.610	112	351708	26.036	ug/L	100
52) Ethylbenzene	11.687	91	557103	26.310	ug/L	100
53) m,p-Xylene	11.792	106	224602	26.639	ug/L	99
54) o-Xylene	12.122	106	215726	26.938	ug/L	99
55) Styrene	12.134	104	378964	27.189	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	96458	25.423	ug/L	98
59) Bromoform	12.304	173	60686	25.854	ug/L	99
60) Isopropylbenzene	12.422	105	527168	25.959	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	62380	25.928	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	395112	26.092	ug/L	97
63) 1,2,4-Trimethylbenzene	13.216	105	387022	26.513	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	250923	25.824	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	255766	25.080	ug/L	99
67) 1,2-Dichlorobenzene	13.833	146	225344	25.970	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	11297	23.488	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.592	180	141246	21.688	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	109740	20.333	ug/L	99
71) Naphthalene	15.333	128	226162	22.898	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	104965	21.787	ug/L	99

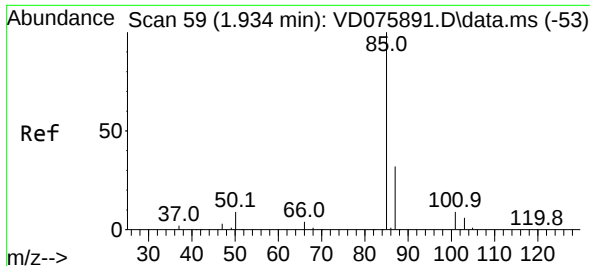
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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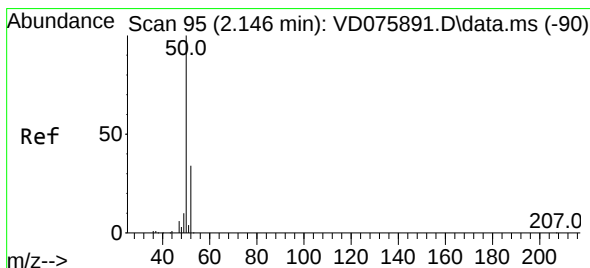
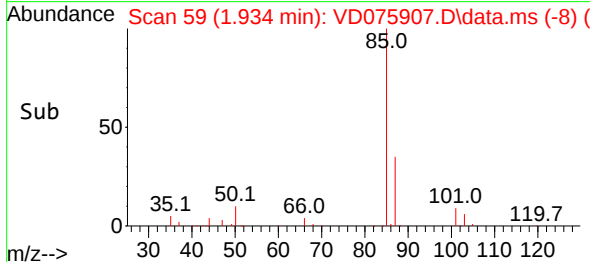
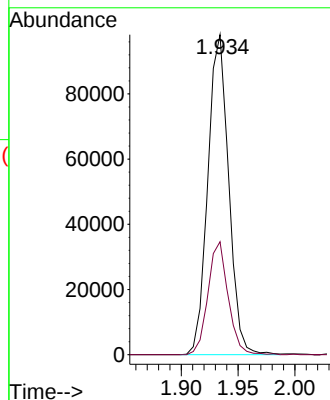
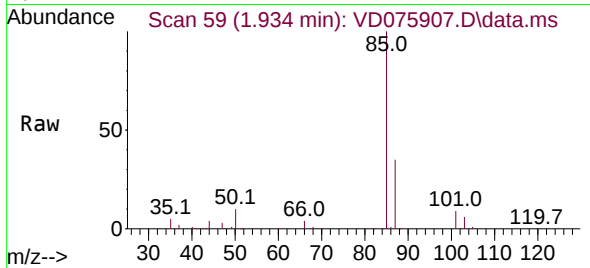




#2
 Dichlorodifluoromethane
 Concen: 26.884 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD075907.D
 Acq: 29 Apr 2023 00:49

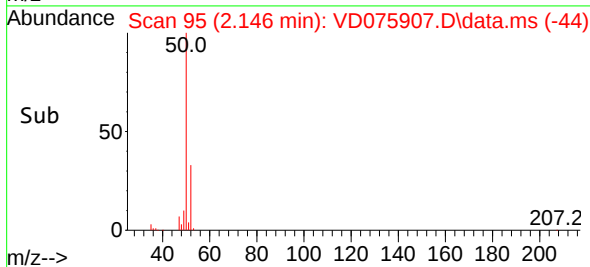
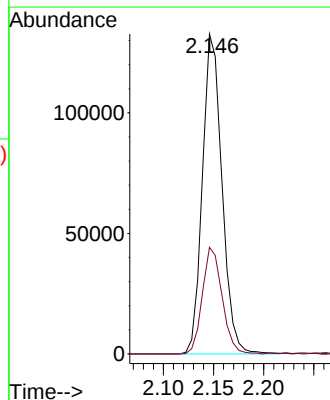
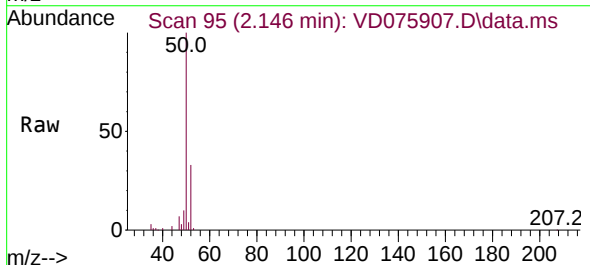
Instrument :
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 ClientSampleId :
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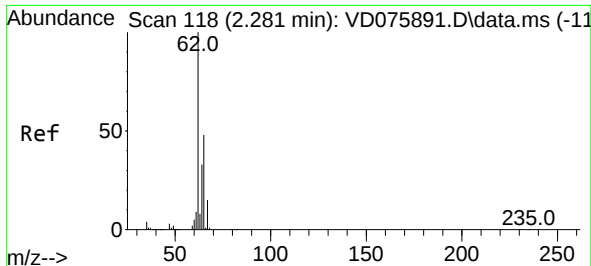
Tgt Ion: 85 Resp: 125456
 Ion Ratio Lower Upper
 85 100
 87 34.1 25.8 38.8



#3
 Chloromethane
 Concen: 27.783 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD075907.D
 Acq: 29 Apr 2023 00:49

Tgt Ion: 50 Resp: 180739
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.7 44.1

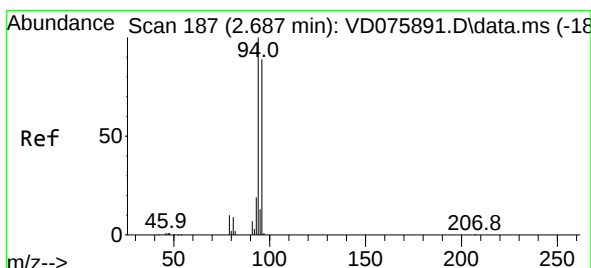
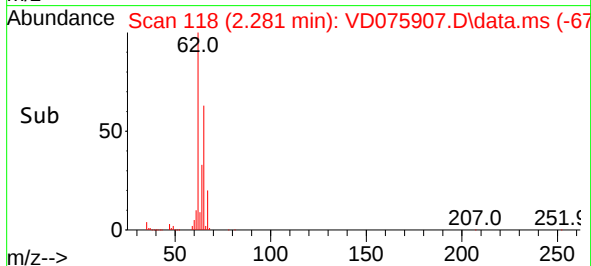
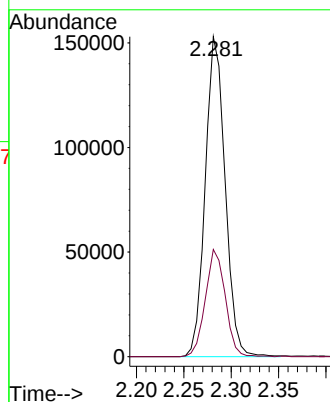
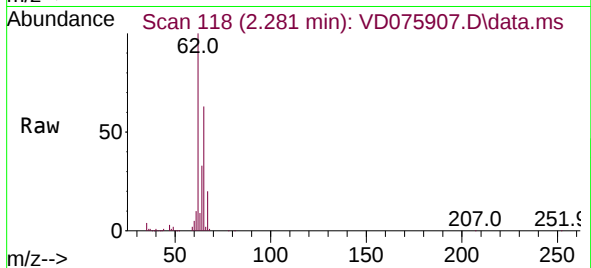




#5
 Vinyl chloride
 Concen: 26.227 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD075907.D
 Acq: 29 Apr 2023 00:49

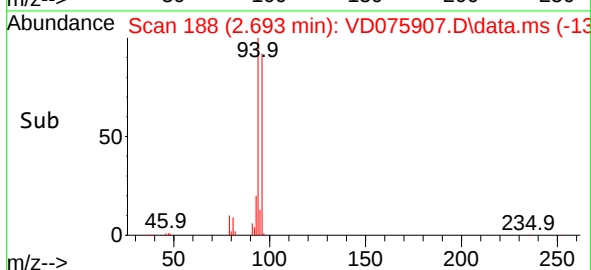
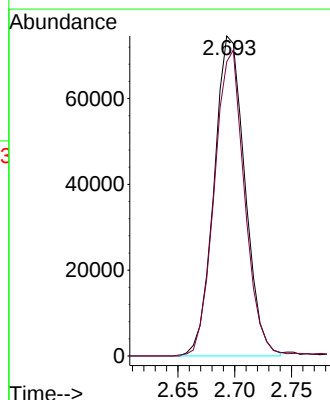
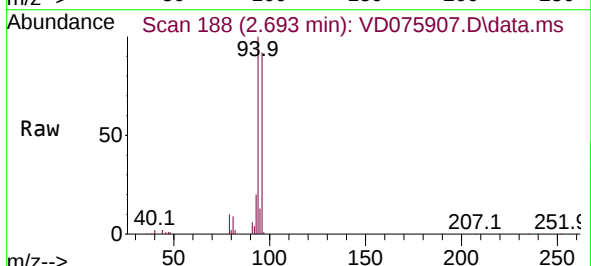
Instrument :
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 ClientSampleId :
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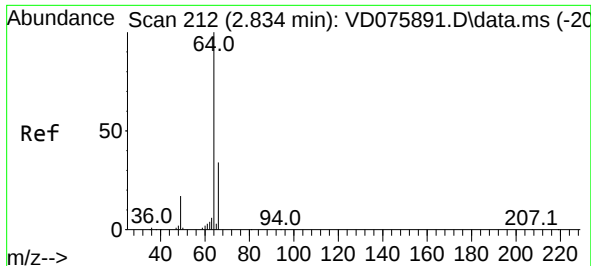
Tgt Ion: 62 Resp: 222984
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.2 43.0



#6
 Bromomethane
 Concen: 24.588 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.006 min
 Lab File: VD075907.D
 Acq: 29 Apr 2023 00:49

Tgt Ion: 94 Resp: 140472
 Ion Ratio Lower Upper
 94 100
 96 92.0 65.7 121.9

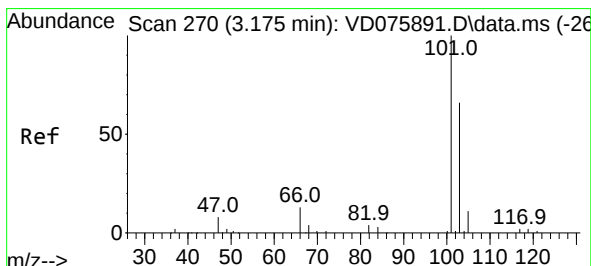
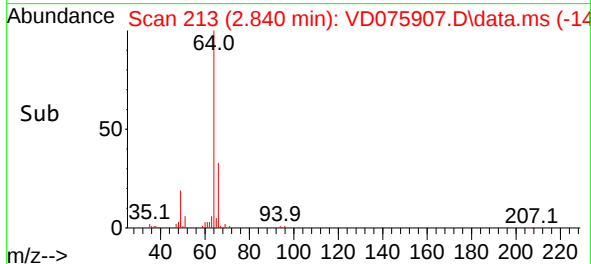
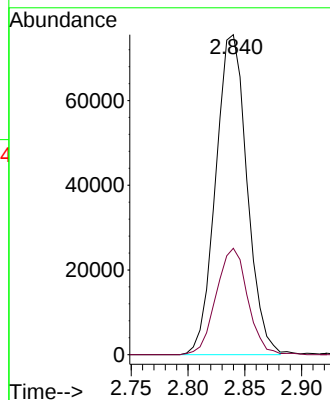
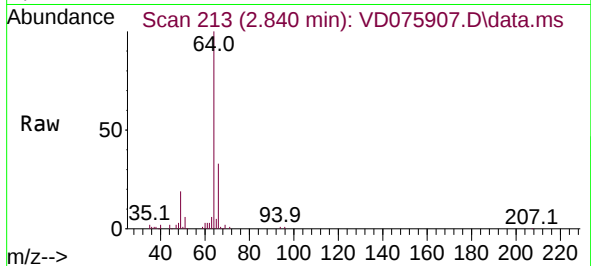




#8
Chloroethane
Concen: 26.370 ug/L
RT: 2.840 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD075907.D
Acq: 29 Apr 2023 00:49

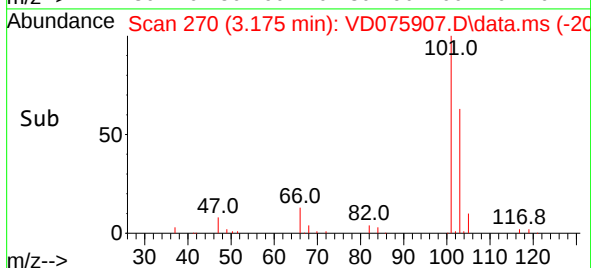
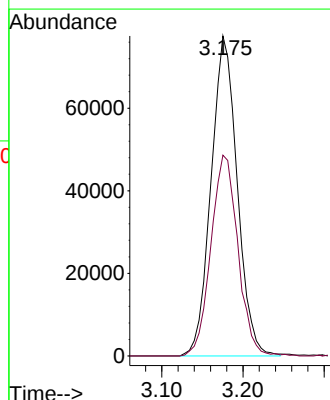
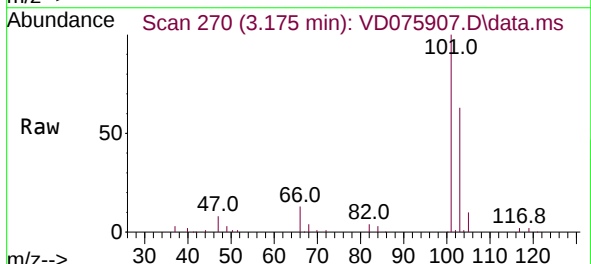
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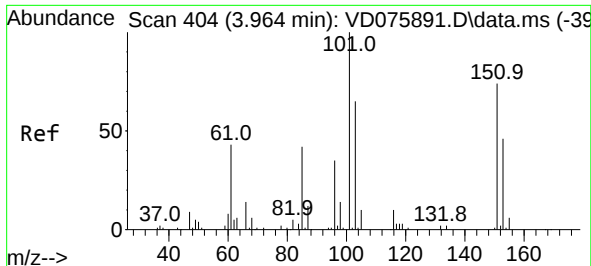
Tgt Ion: 64 Resp: 145000
Ion Ratio Lower Upper
64 100
66 33.2 21.8 40.4



#9
Trichlorofluoromethane
Concen: 25.396 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD075907.D
Acq: 29 Apr 2023 00:49

Tgt Ion: 101 Resp: 173487
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4

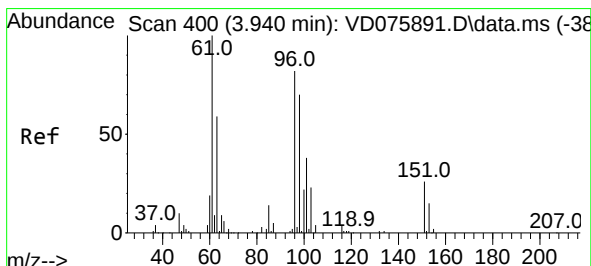
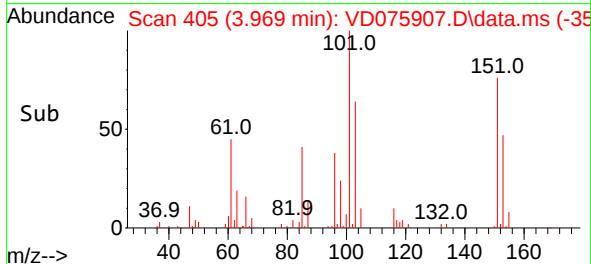
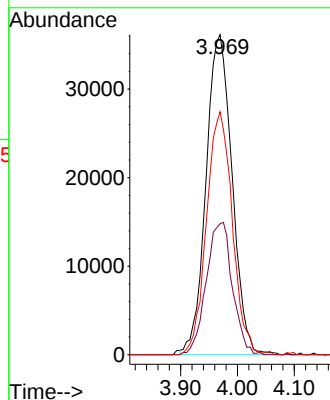
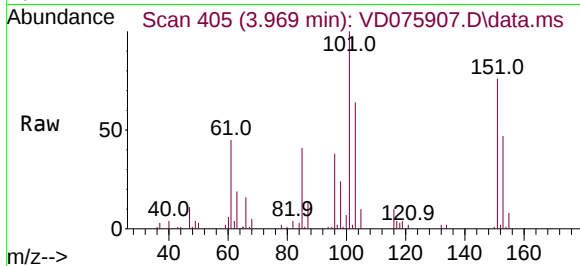




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.128 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VD075907.D
 Acq: 29 Apr 2023 00:49

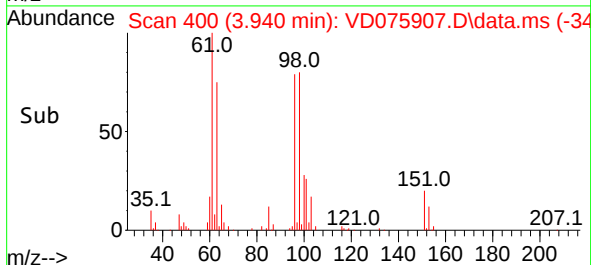
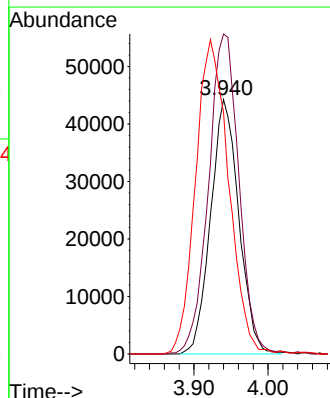
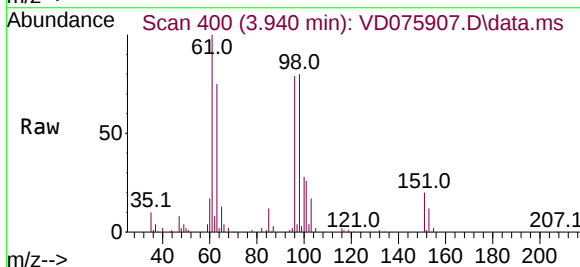
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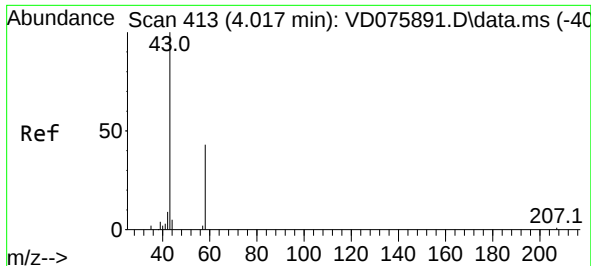
Tgt Ion:101 Resp: 115325
 Ion Ratio Lower Upper
 101 100
 85 41.2 32.9 49.3
 151 74.9 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 26.222 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VD075907.D
 Acq: 29 Apr 2023 00:49

Tgt Ion: 96 Resp: 116709
 Ion Ratio Lower Upper
 96 100
 61 125.8 92.6 172.0
 63 95.0 77.4 143.8





#13

Acetone

Concen: 55.687 ug/L

RT: 4.034 min Scan# 41

Delta R.T. 0.017 min

Lab File: VD075907.D

Acq: 29 Apr 2023 00:49

Instrument :

MSVOA_D

ClientSampleId :

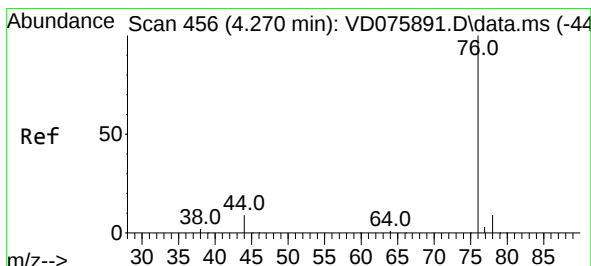
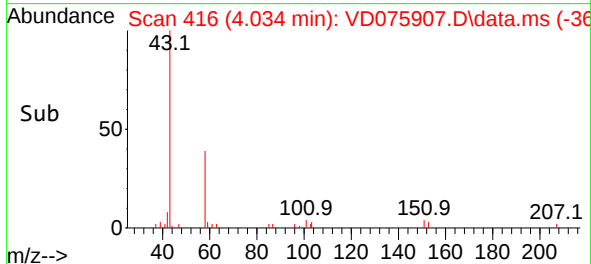
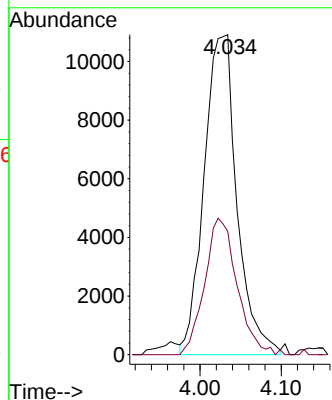
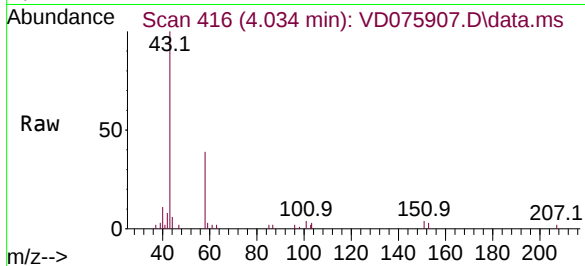
DCCL0MSD

Tgt Ion: 43 Resp: 30722

Ion Ratio Lower Upper

43 100

58 41.6 0.0 87.4



#14

Carbon disulfide

Concen: 25.145 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.006 min

Lab File: VD075907.D

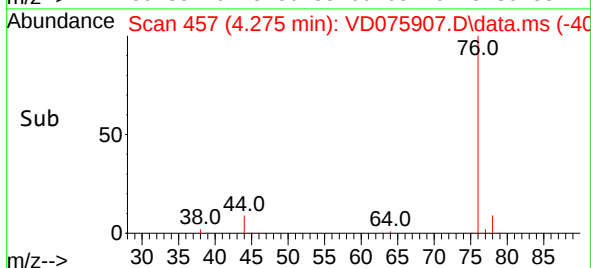
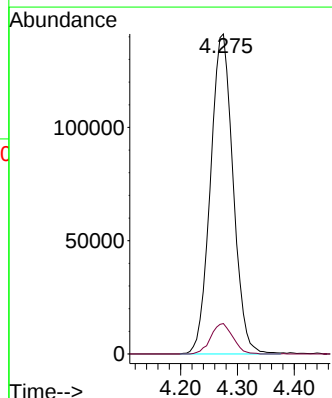
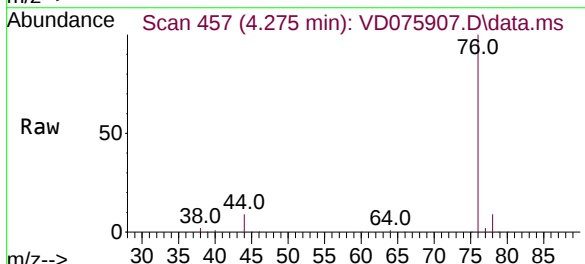
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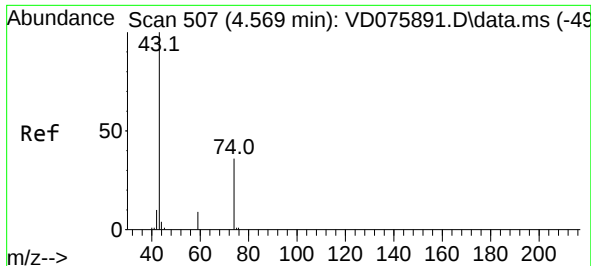
Tgt Ion: 76 Resp: 390897

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6

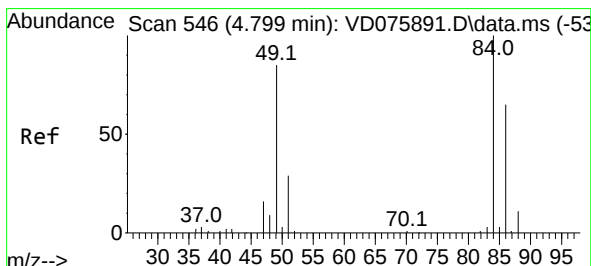
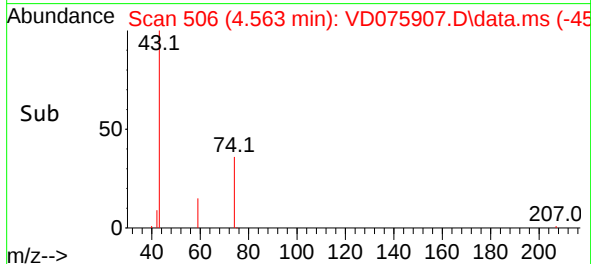
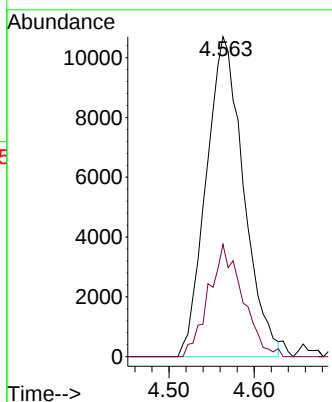
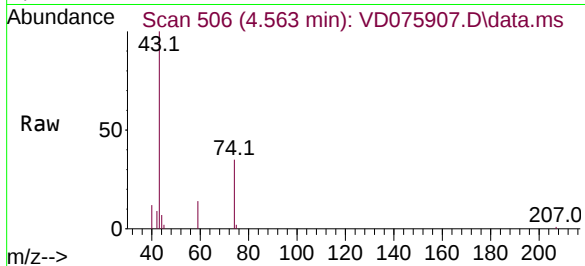




#15
Methyl Acetate
Concen: 27.237 ug/L
RT: 4.563 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD075907.D
Acq: 29 Apr 2023 00:49

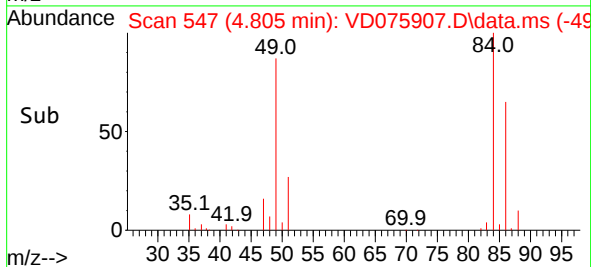
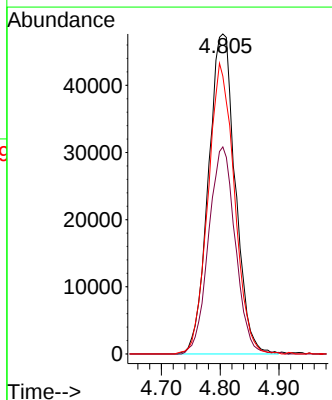
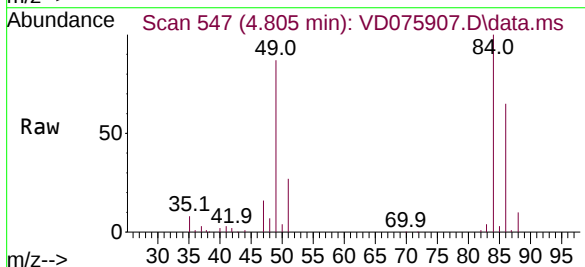
Instrument :
MSVOA_D
ClientSampleId :
DCCL0MSD

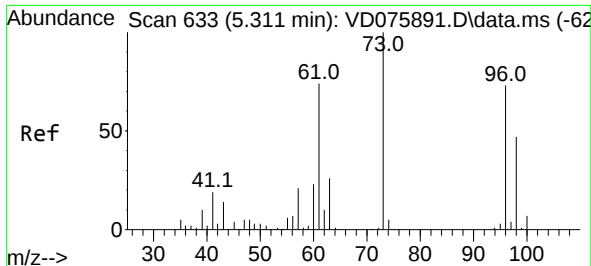
Tgt Ion: 43 Resp: 32565
Ion Ratio Lower Upper
43 100
74 31.7 12.8 19.2#



#16
Methylene chloride
Concen: 22.055 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075907.D
Acq: 29 Apr 2023 00:49

Tgt Ion: 84 Resp: 151452
Ion Ratio Lower Upper
84 100
86 64.7 45.8 85.2
49 86.8 60.8 112.8





#17

trans-1,2-Dichloroethene

Concen: 25.429 ug/L

RT: 5.316 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD075907.D

Acq: 29 Apr 2023 00:49

Instrument :

MSVOA_D

ClientSampleId :

DCCL0MSD

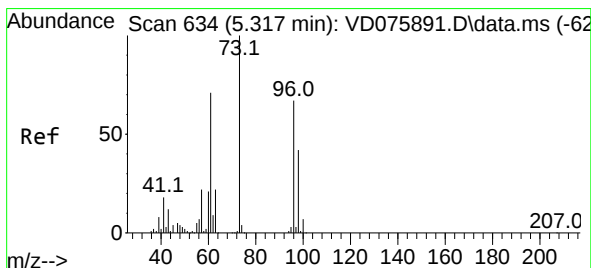
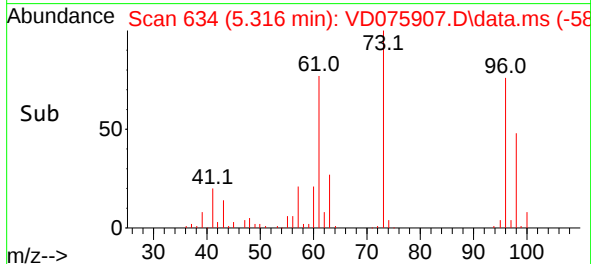
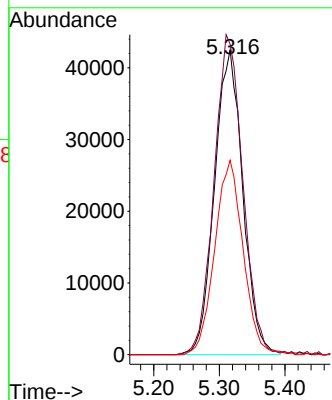
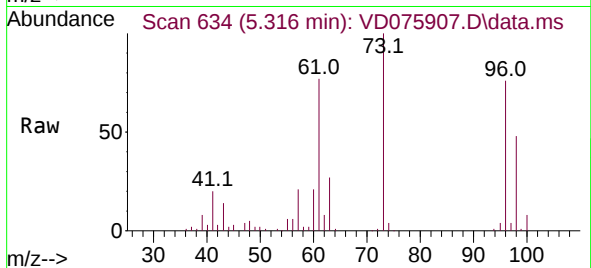
Tgt Ion: 96 Resp: 126910

Ion Ratio Lower Upper

96 100

61 101.9 72.9 135.5

98 63.8 43.0 79.8



#18

Methyl tert-butyl Ether

Concen: 25.616 ug/L

RT: 5.322 min Scan# 635

Delta R.T. 0.006 min

Lab File: VD075907.D

Acq: 29 Apr 2023 00:49

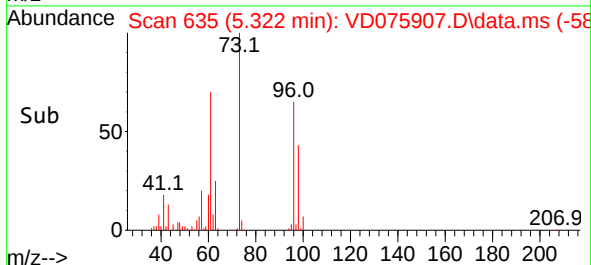
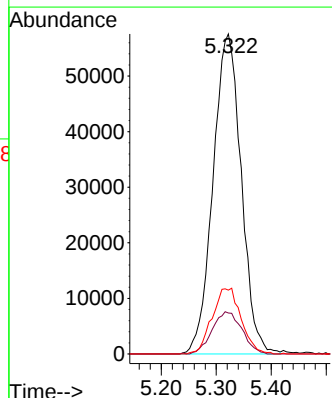
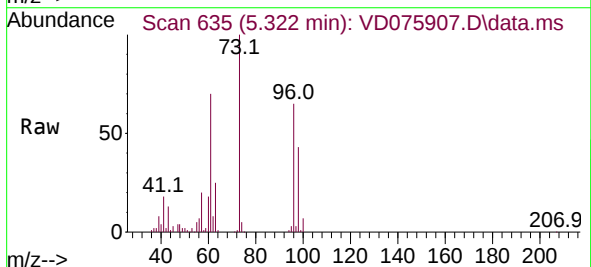
Tgt Ion: 73 Resp: 205067

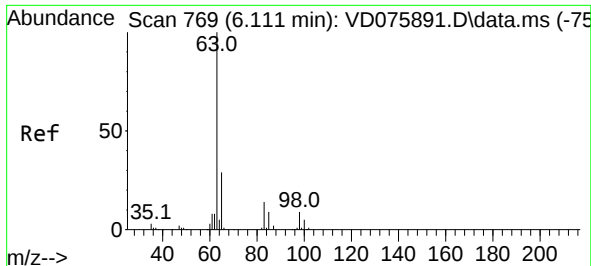
Ion Ratio Lower Upper

73 100

43 13.9 11.3 16.9

57 12.6 16.3 24.5#





#19

1,1-Dichloroethane

Concen: 27.306 ug/L

RT: 6.110 min Scan# 70

Delta R.T. -0.000 min

Lab File: VD075907.D

Acq: 29 Apr 2023 00:49

Instrument :

MSVOA_D

ClientSampleId :

DCCL0MSD

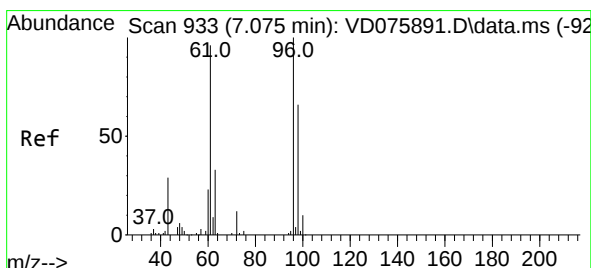
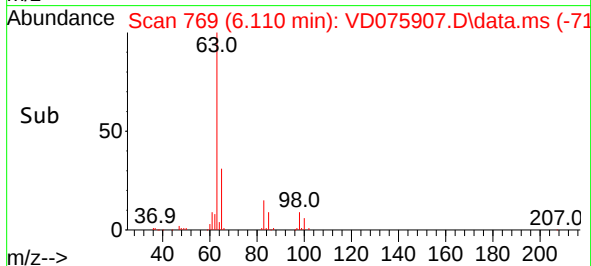
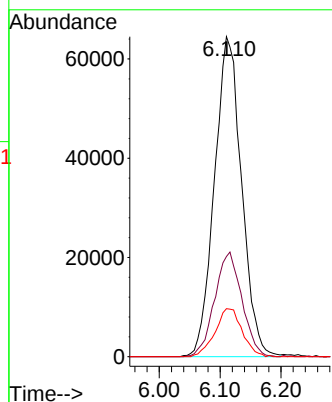
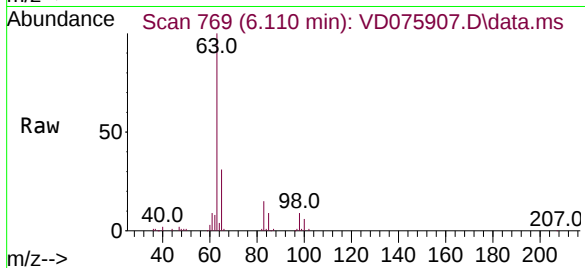
Tgt Ion: 63 Resp: 199640

Ion Ratio Lower Upper

63 100

65 31.3 22.8 42.4

83 15.0 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 26.001 ug/L

RT: 7.087 min Scan# 935

Delta R.T. 0.012 min

Lab File: VD075907.D

Acq: 29 Apr 2023 00:49

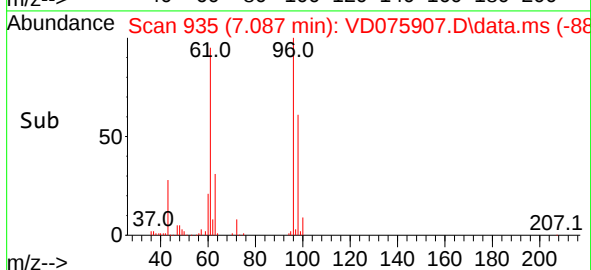
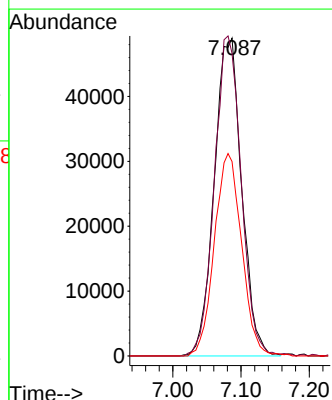
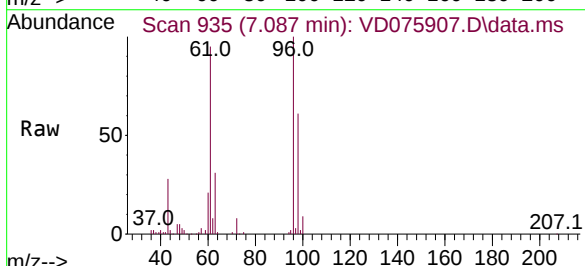
Tgt Ion: 96 Resp: 137214

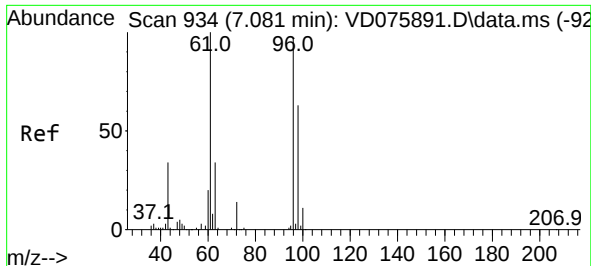
Ion Ratio Lower Upper

96 100

61 95.2 67.5 125.3

98 61.2 47.5 88.1

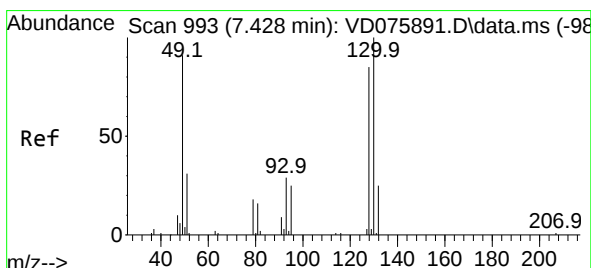
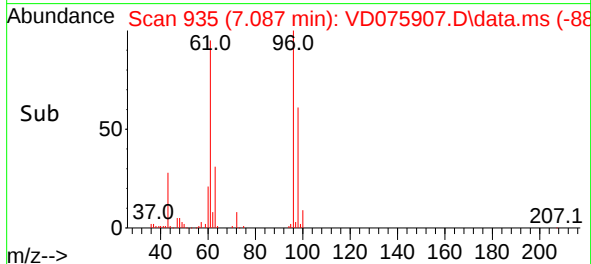
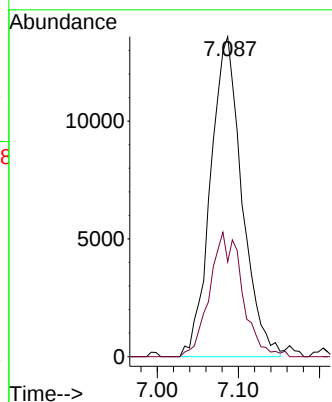
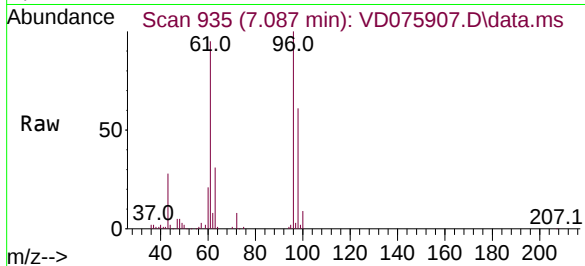




#22
2-Butanone
Concen: 50.842 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075907.D
Acq: 29 Apr 2023 00:49

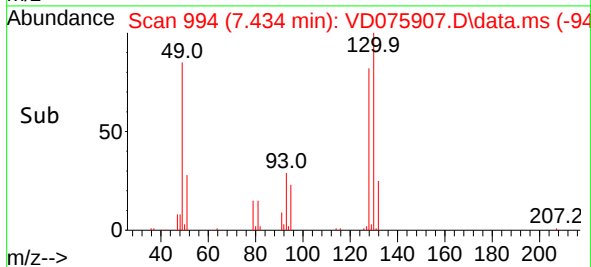
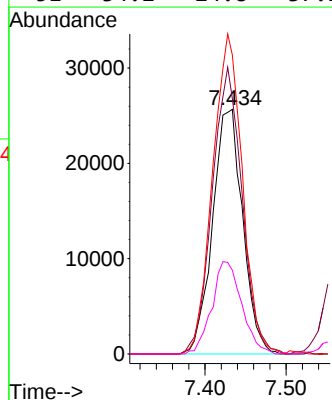
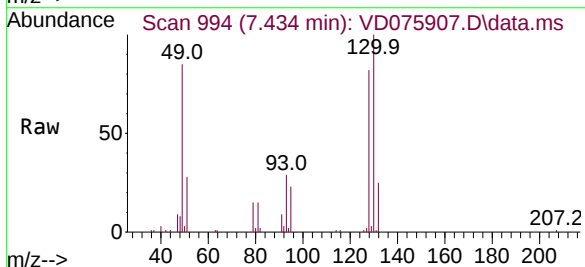
Instrument :
MSVOA_D
ClientSampleId :
DCCL0MSD

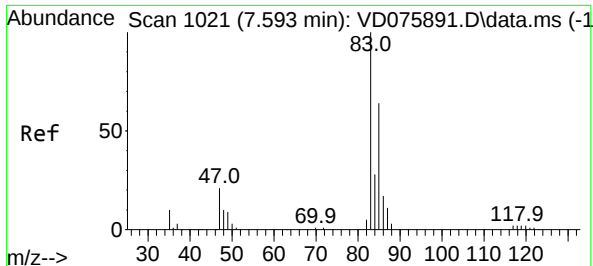
Tgt Ion: 43 Resp: 36567
Ion Ratio Lower Upper
43 100
72 16.9 20.5 61.5#



#23
Bromochloromethane
Concen: 27.070 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD075907.D
Acq: 29 Apr 2023 00:49

Tgt Ion: 128 Resp: 66250
Ion Ratio Lower Upper
128 100
49 104.4 76.4 142.0
130 122.2 93.5 173.7
51 34.2 24.8 37.2





#25

Chloroform

Concen: 26.526 ug/L

RT: 7.593 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VD075907.D

Acq: 29 Apr 2023 00:49

Instrument :

MSVOA_D

ClientSampleId :

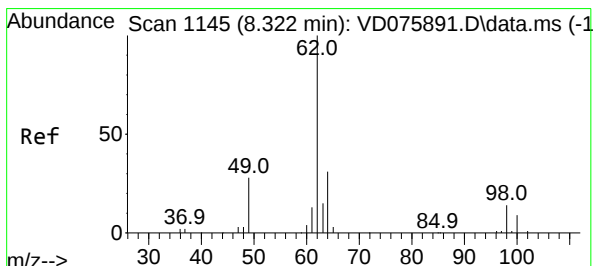
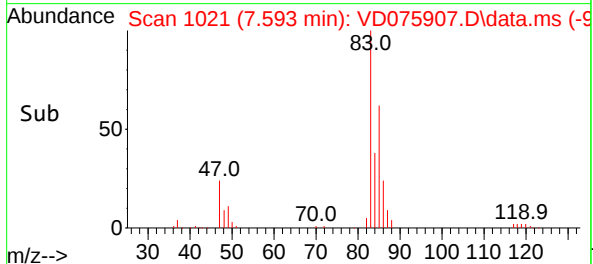
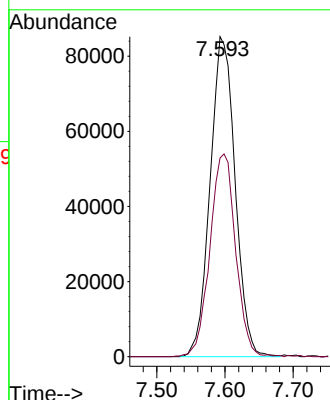
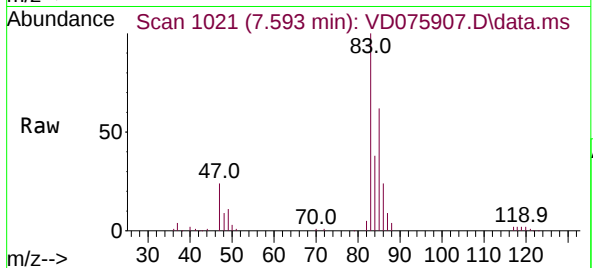
DCCL0MSD

Tgt Ion: 83 Resp: 217354

Ion Ratio Lower Upper

83 100

85 62.1 44.4 82.5



#27

1,2-Dichloroethane

Concen: 27.274 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD075907.D

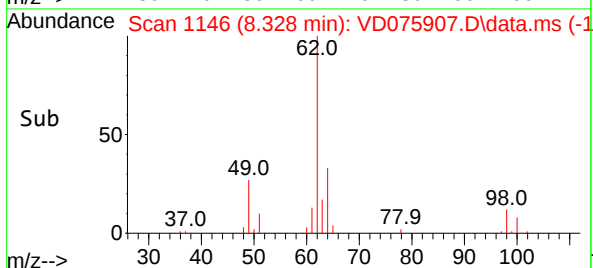
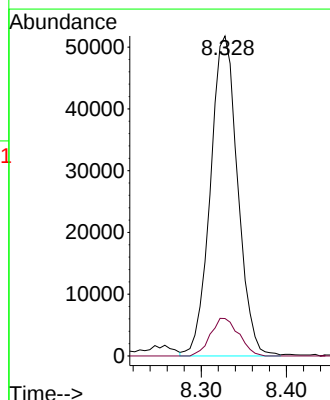
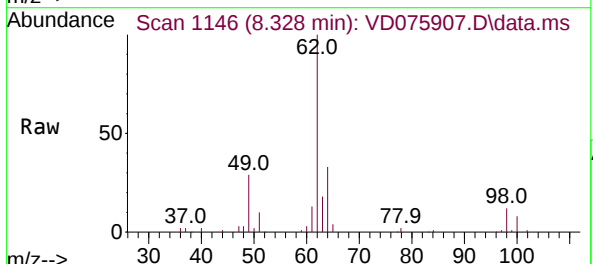
Acq: 29 Apr 2023 00:49

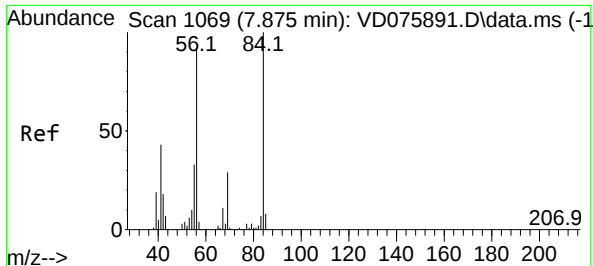
Tgt Ion: 62 Resp: 115355

Ion Ratio Lower Upper

62 100

98 11.7 10.2 15.2





#29

Cyclohexane

Concen: 25.379 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD075907.D

Acq: 29 Apr 2023 00:49

Instrument :

MSVOA_D

ClientSampleId :

DCCL0MSD

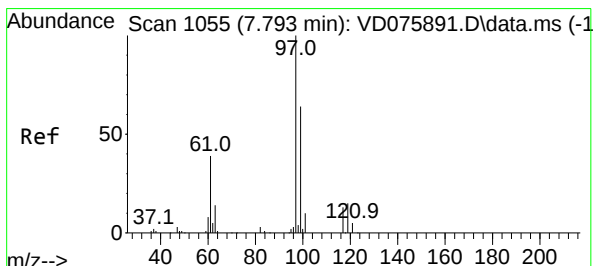
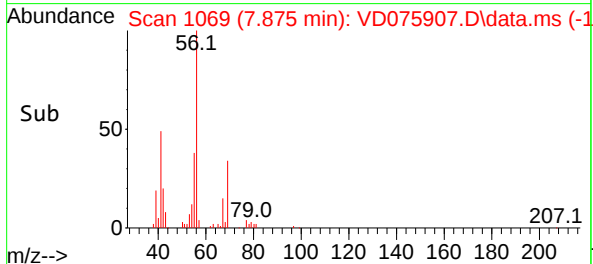
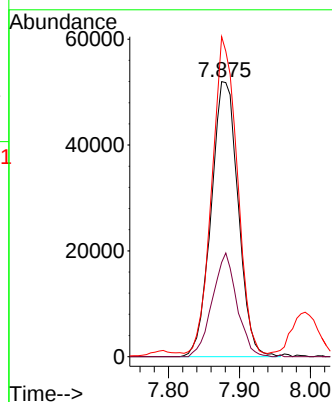
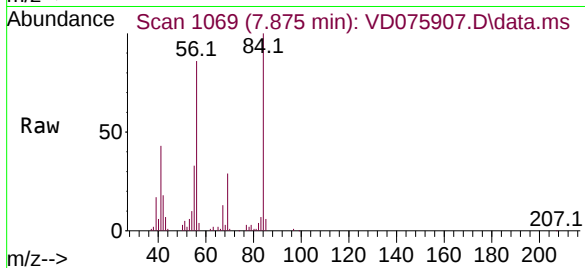
Tgt Ion: 56 Resp: 137052

Ion Ratio Lower Upper

56 100

69 34.3 28.2 42.2

84 110.2 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 25.966 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075907.D

Acq: 29 Apr 2023 00:49

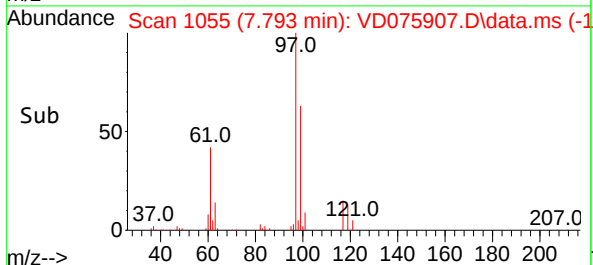
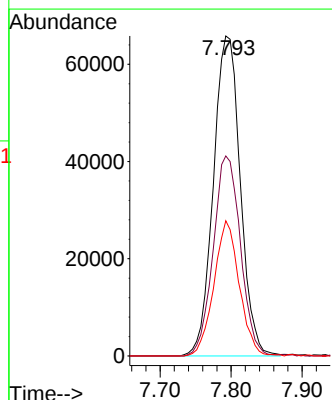
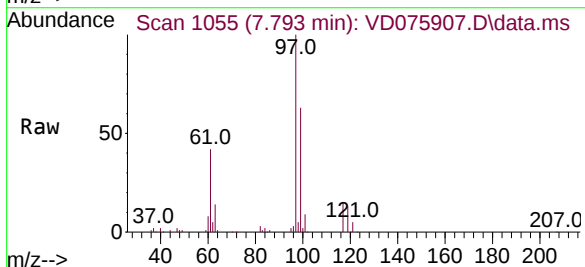
Tgt Ion: 97 Resp: 173302

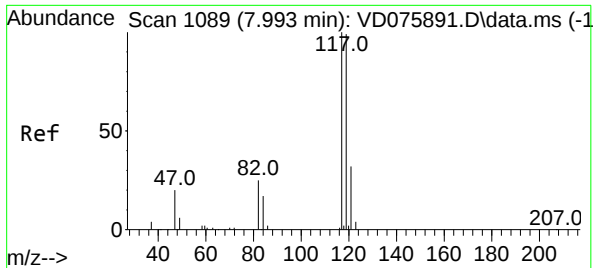
Ion Ratio Lower Upper

97 100

99 63.3 51.5 77.3

61 39.8 32.1 48.1

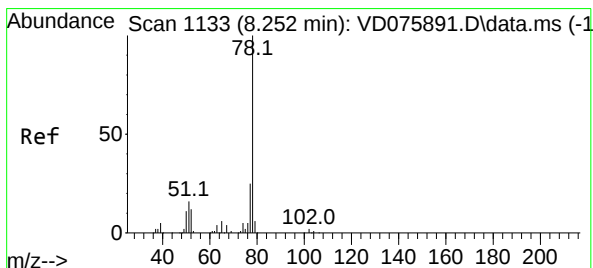
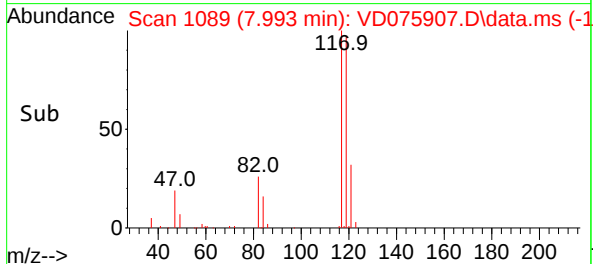
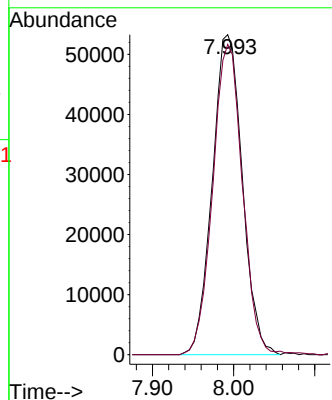
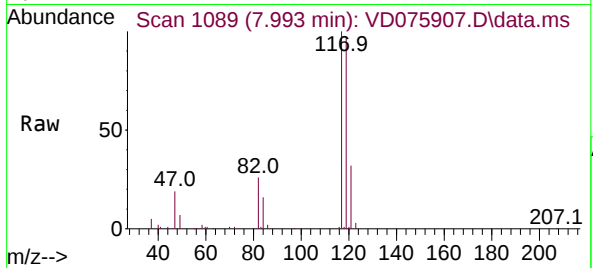




#31
Carbon tetrachloride
Concen: 25.573 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075907.D
Acq: 29 Apr 2023 00:49

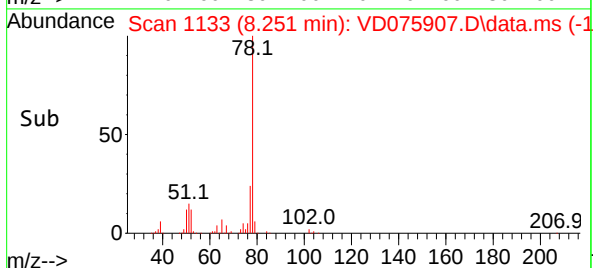
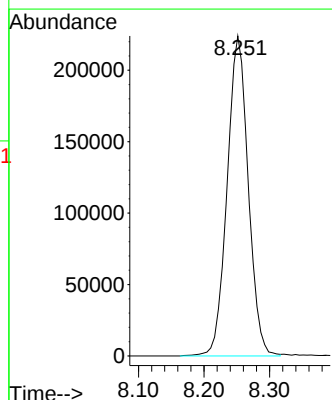
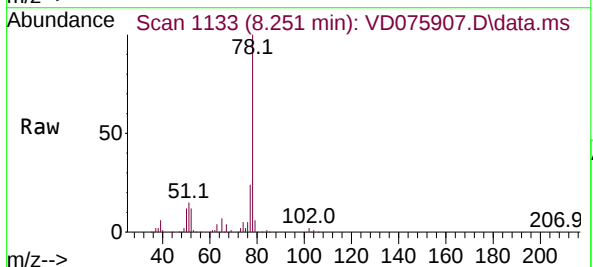
Instrument :
MSVOA_D
ClientSampleId :
DCCL0MSD

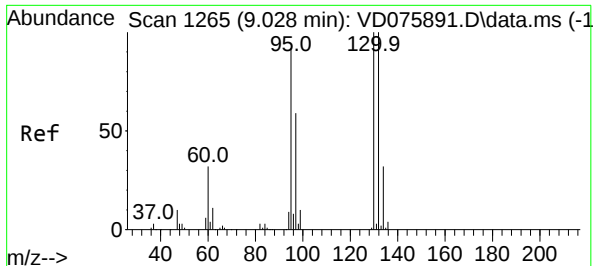
Tgt Ion:117 Resp: 136934
Ion Ratio Lower Upper
117 100
119 95.4 78.2 117.4



#33
Benzene
Concen: 26.261 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075907.D
Acq: 29 Apr 2023 00:49

Tgt Ion: 78 Resp: 501088



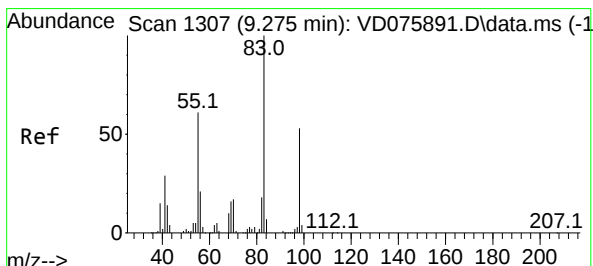
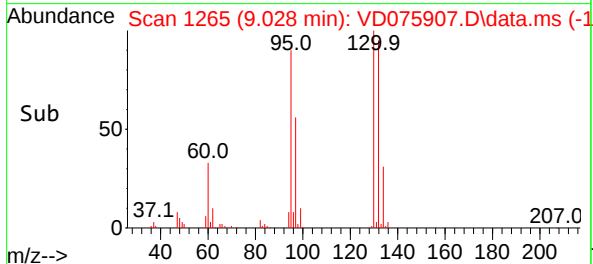
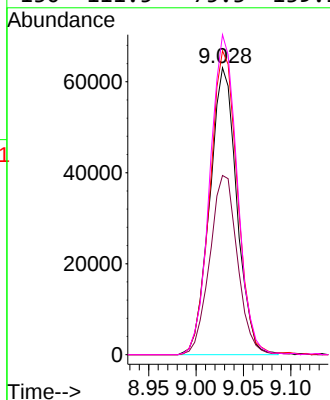
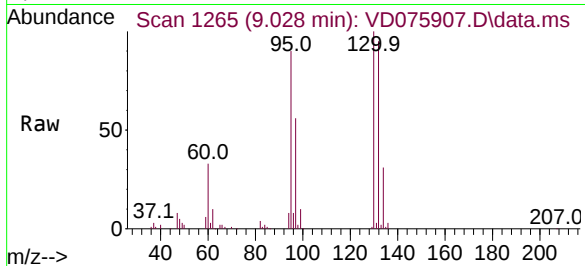


#34
 Trichloroethene
 Concen: 25.414 ug/L
 RT: 9.028 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD075907.D
 Acq: 29 Apr 2023 00:49

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCL0MSD

Tgt Ion: 95 Resp: 125406

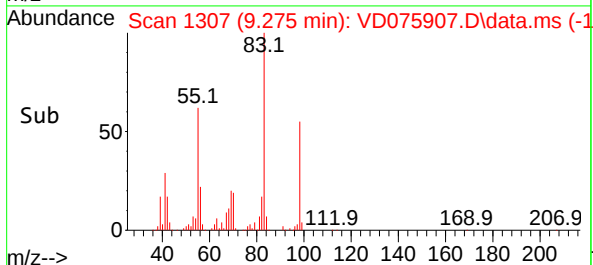
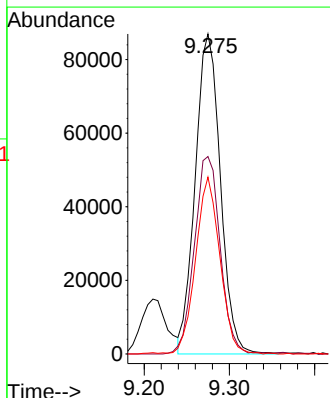
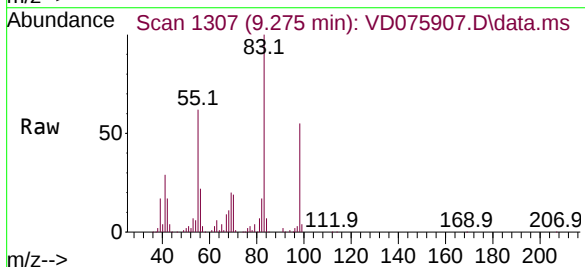
Ion	Ratio	Lower	Upper
95	100		
97	62.4	46.0	85.4
132	105.9	73.3	136.1
130	111.5	75.3	139.9

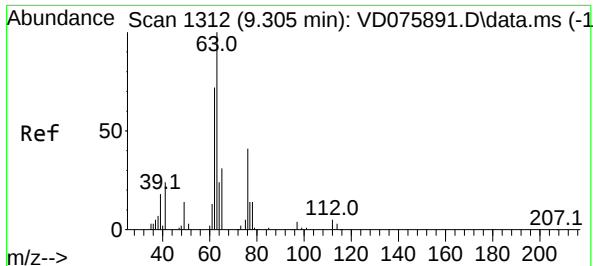


#35
 Methylcyclohexane
 Concen: 23.466 ug/L
 RT: 9.275 min Scan# 1307
 Delta R.T. -0.000 min
 Lab File: VD075907.D
 Acq: 29 Apr 2023 00:49

Tgt Ion: 83 Resp: 178528

Ion	Ratio	Lower	Upper
83	100		
55	62.9	48.2	72.2
98	53.3	40.8	61.2





#37

1,2-Dichloropropane

Concen: 27.428 ug/L

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075907.D

Acq: 29 Apr 2023 00:49

Instrument :

MSVOA_D

ClientSampleId :

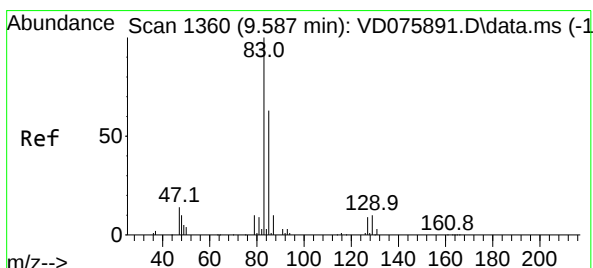
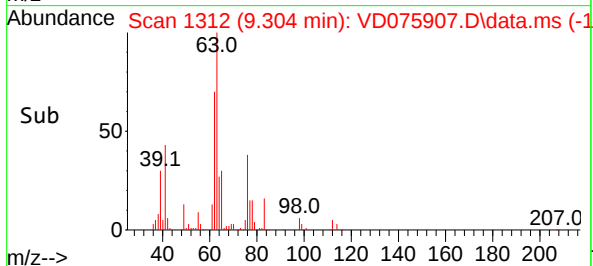
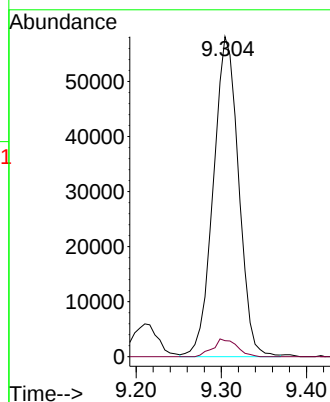
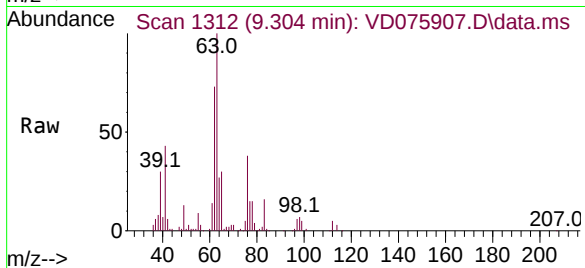
DCCL0MSD

Tgt Ion: 63 Resp: 120222

Ion Ratio Lower Upper

63 100

112 5.3 4.0 6.0



#38

Bromodichloromethane

Concen: 25.848 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD075907.D

Acq: 29 Apr 2023 00:49

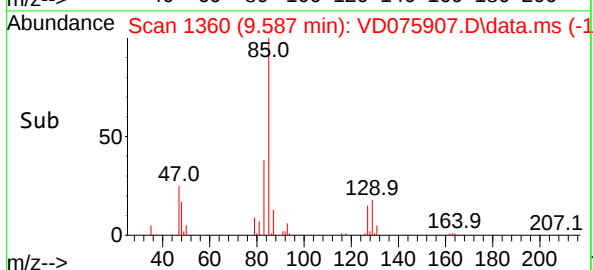
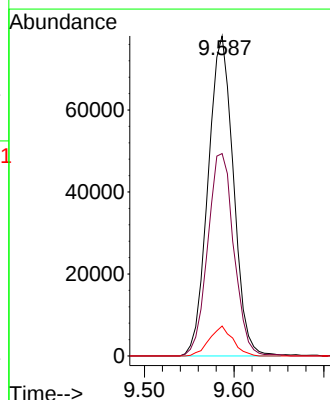
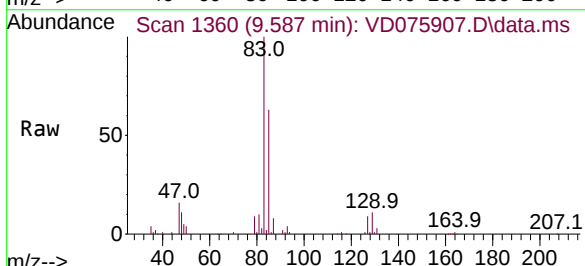
Tgt Ion: 83 Resp: 152763

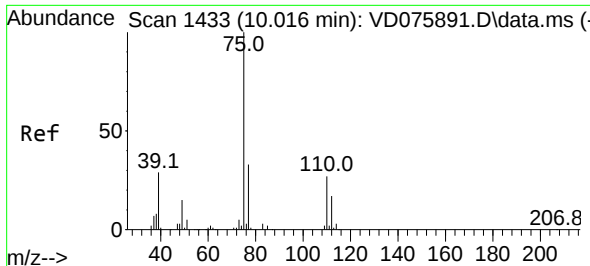
Ion Ratio Lower Upper

83 100

85 63.3 44.2 82.2

127 9.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 25.231 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD075907.D

Acq: 29 Apr 2023 00:49

Instrument :

MSVOA_D

ClientSampleId :

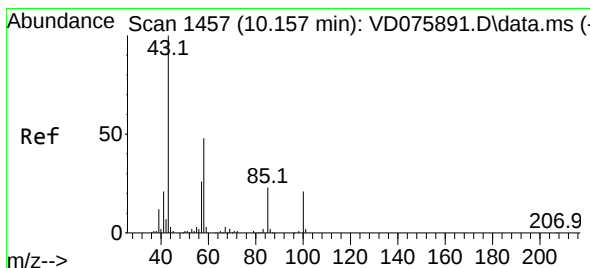
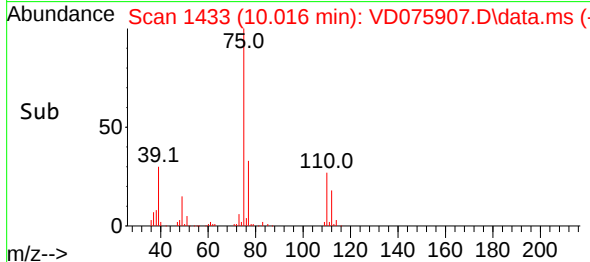
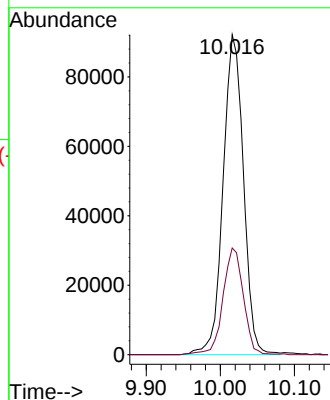
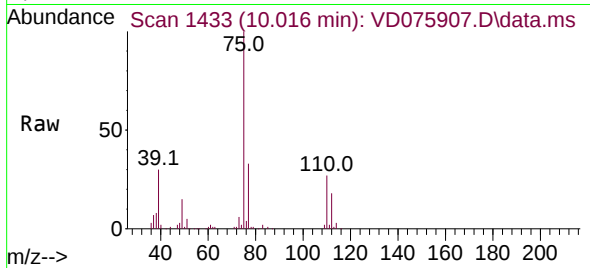
DCCL0MSD

Tgt Ion: 75 Resp: 175877

Ion Ratio Lower Upper

75 100

77 33.3 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 52.152 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD075907.D

Acq: 29 Apr 2023 00:49

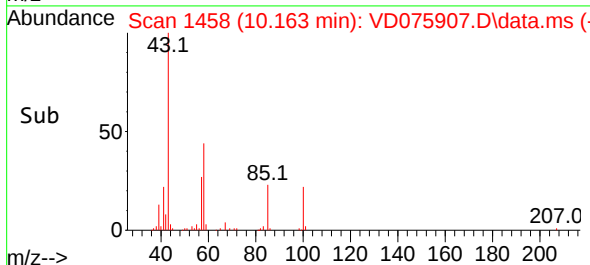
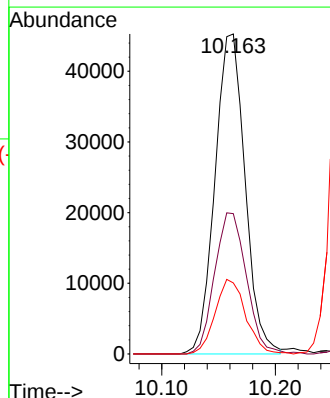
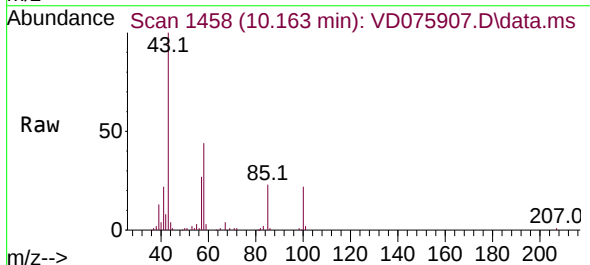
Tgt Ion: 43 Resp: 83343

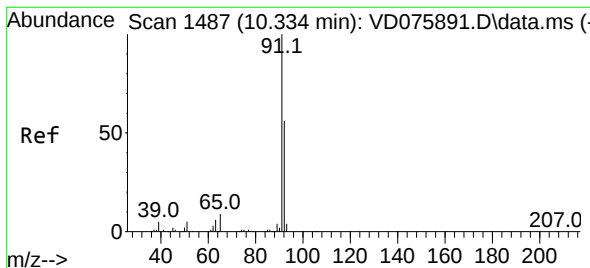
Ion Ratio Lower Upper

43 100

58 46.4 39.1 58.7

100 23.6 19.4 29.0





#42

Toluene

Concen: 26.848 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075907.D

Acq: 29 Apr 2023 00:49

Instrument :

MSVOA_D

ClientSampleId :

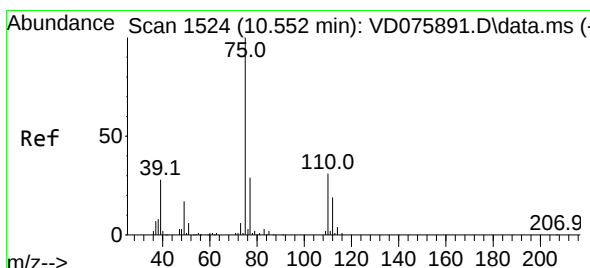
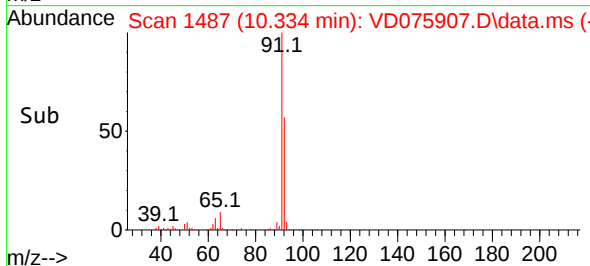
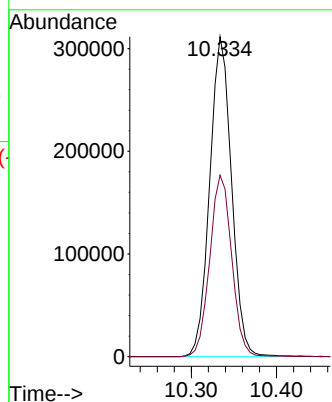
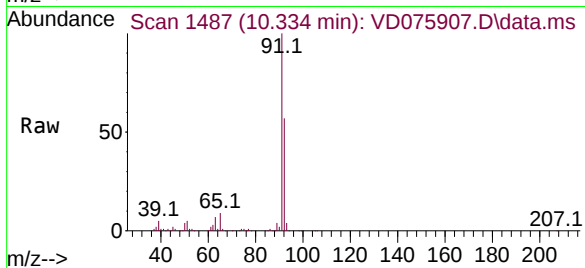
DCCL0MSD

Tgt Ion: 91 Resp: 554389

Ion Ratio Lower Upper

91 100

92 56.7 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 25.847 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.006 min

Lab File: VD075907.D

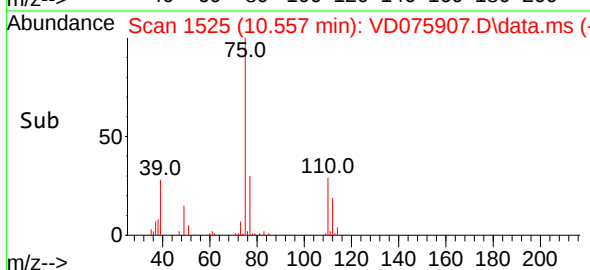
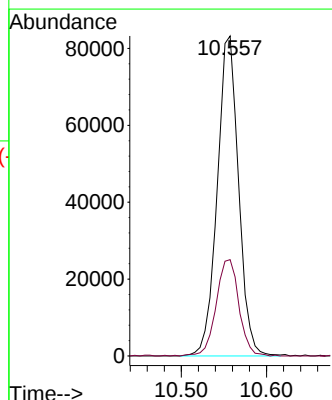
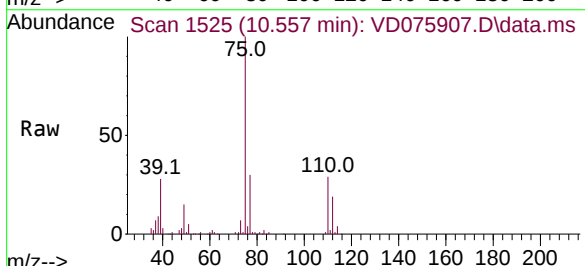
Acq: 29 Apr 2023 00:49

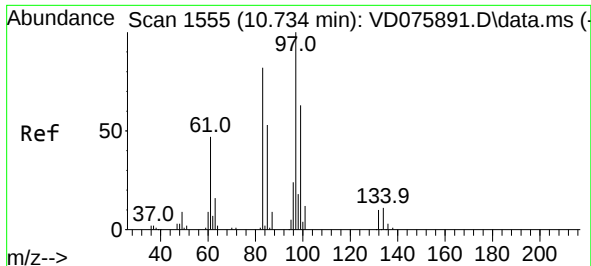
Tgt Ion: 75 Resp: 144741

Ion Ratio Lower Upper

75 100

77 30.1 22.0 41.0

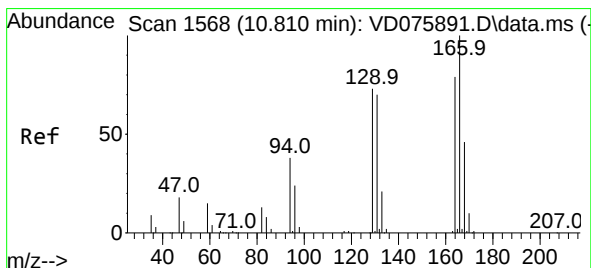
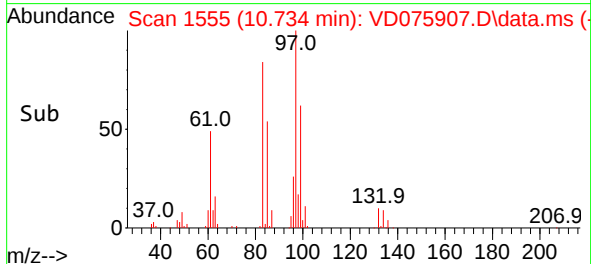
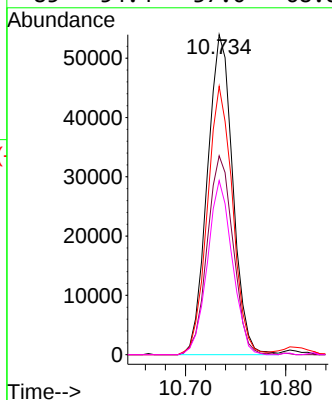
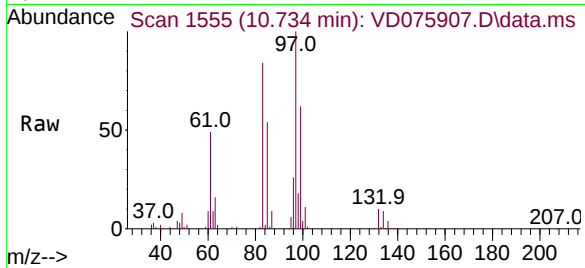




#45
1,1,2-Trichloroethane
Concen: 25.574 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075907.D
Acq: 29 Apr 2023 00:49

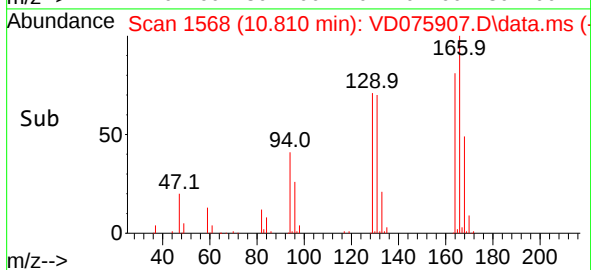
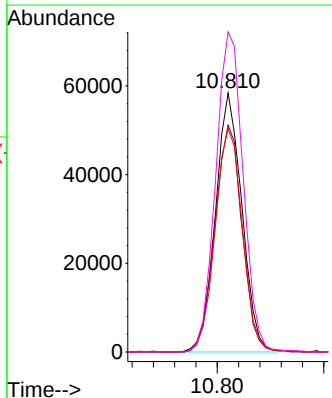
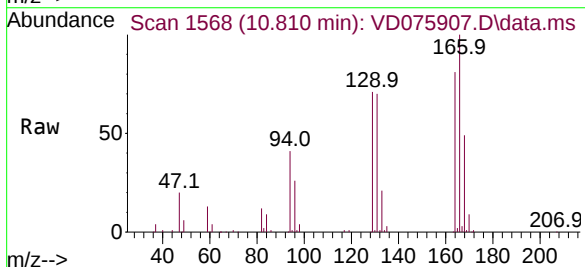
Instrument :
MSVOA_D
ClientSampleId :
DCCL0MSD

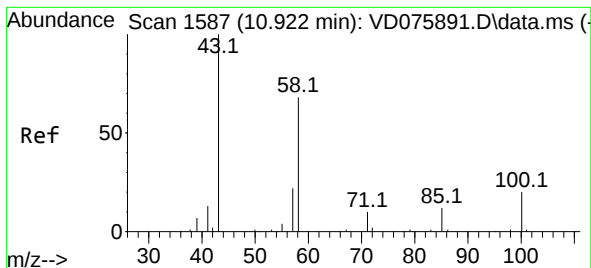
Tgt Ion: 97	Resp: 95363
Ion Ratio	Lower Upper
97 100	
99 62.2	42.2 78.4
83 83.8	54.8 101.8
85 54.4	37.0 68.8



#46
Tetrachloroethene
Concen: 24.888 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075907.D
Acq: 29 Apr 2023 00:49

Tgt	Ion:164	Resp:	100730
Ion	Ratio	Lower	Upper
164	100		
129	87.6	60.3	112.1
131	86.4	58.9	109.3
166	123.6	83.0	154.1





#48

2-Hexanone

Concen: 49.900 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

Lab File: VD075907.D

Acq: 29 Apr 2023 00:49

Instrument :

MSVOA_D

ClientSampleId :

DCCL0MSD

Tgt Ion: 43 Resp: 56217

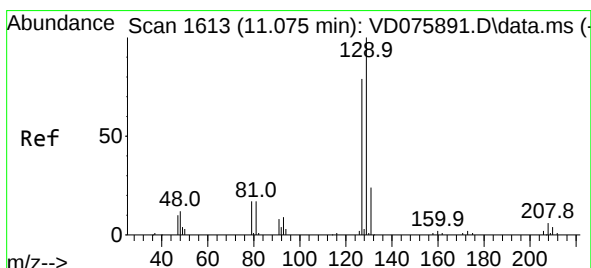
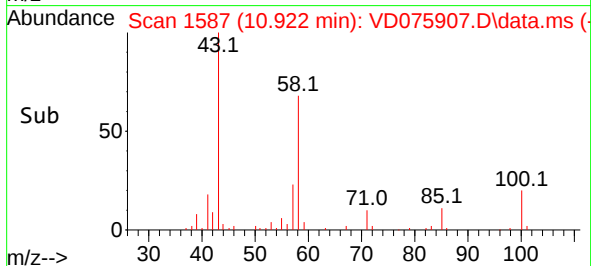
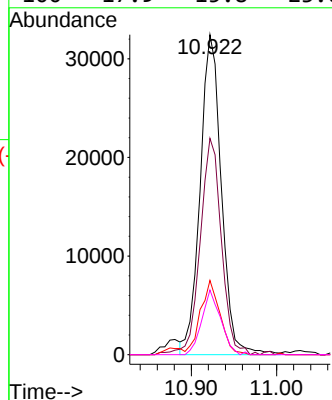
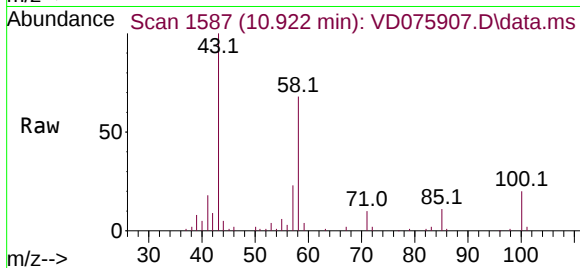
Ion Ratio Lower Upper

43 100

58 66.6 59.7 89.5

57 21.5 17.9 26.9

100 17.9 15.8 23.6



#49

Dibromochloromethane

Concen: 25.552 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD075907.D

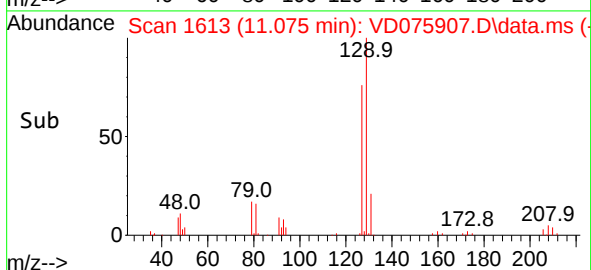
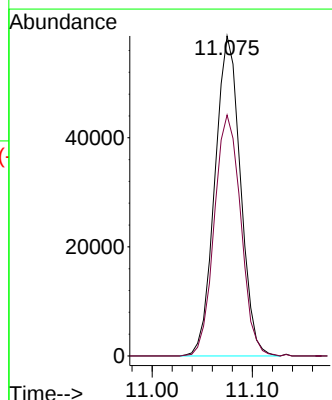
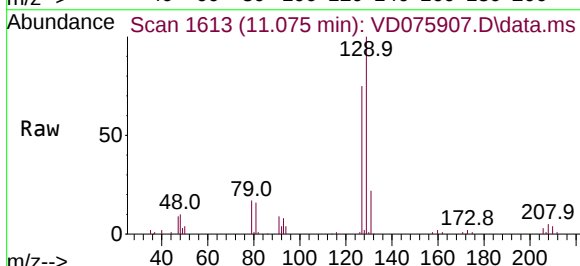
Acq: 29 Apr 2023 00:49

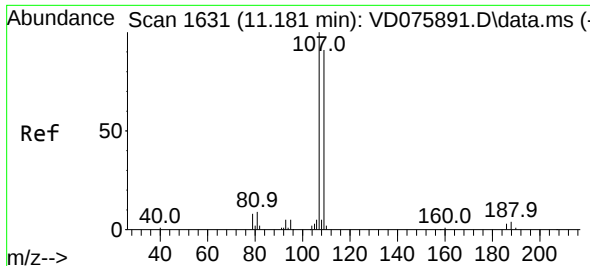
Tgt Ion:129 Resp: 103727

Ion Ratio Lower Upper

129 100

127 75.3 55.6 103.4

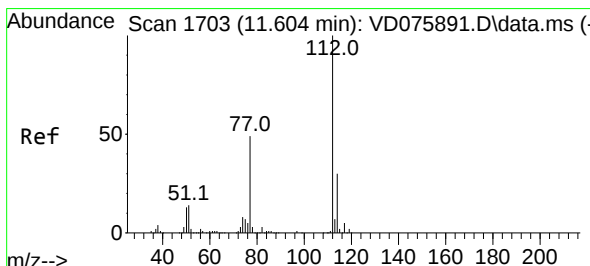
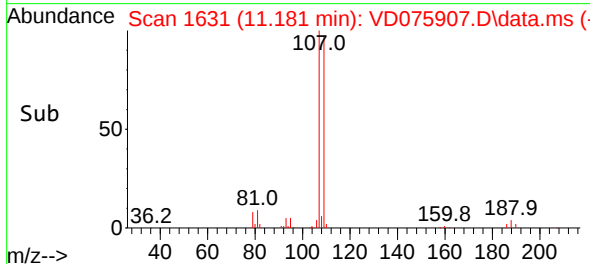
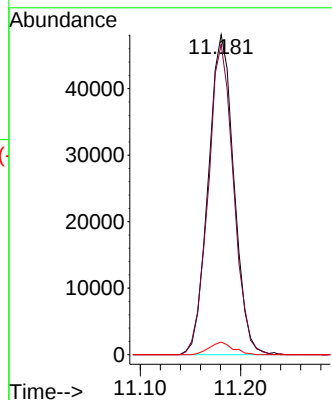
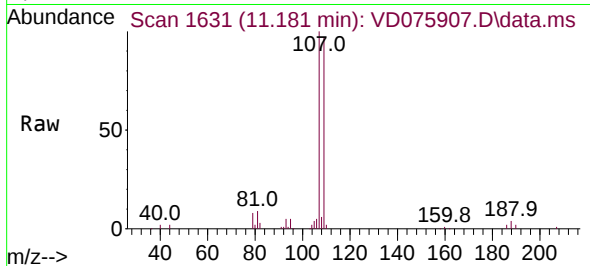




#50
1,2-Dibromoethane
Concen: 25.440 ug/L
RT: 11.181 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075907.D
Acq: 29 Apr 2023 00:49

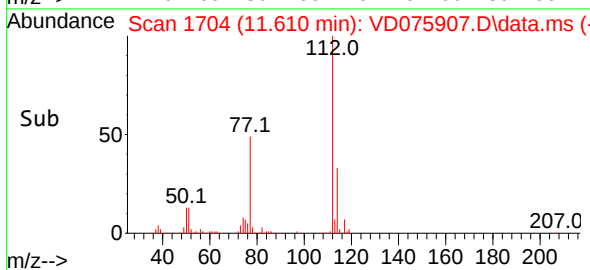
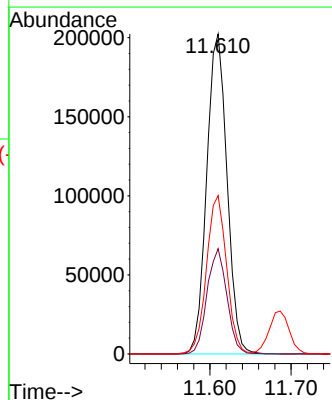
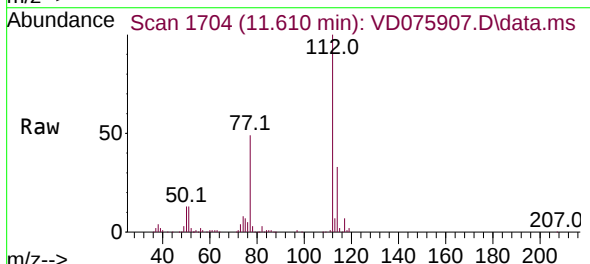
Instrument :
MSVOA_D
ClientSampleId :
DCCL0MSD

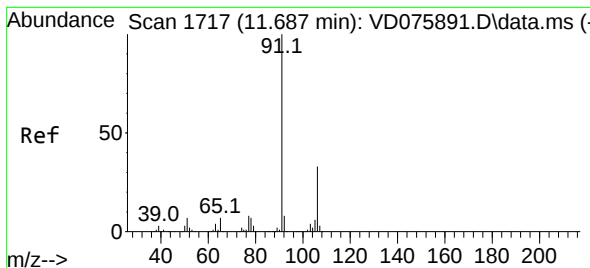
Tgt Ion:107 Resp: 85526
Ion Ratio Lower Upper
107 100
109 97.0 67.6 125.6
188 4.0 3.0 4.6



#51
Chlorobenzene
Concen: 26.036 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD075907.D
Acq: 29 Apr 2023 00:49

Tgt Ion:112 Resp: 351708
Ion Ratio Lower Upper
112 100
114 32.9 23.0 42.8
77 49.5 39.7 59.5





#52

Ethylbenzene

Concen: 26.310 ug/L

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD075907.D

Acq: 29 Apr 2023 00:49

Instrument :

MSVOA_D

ClientSampleId :

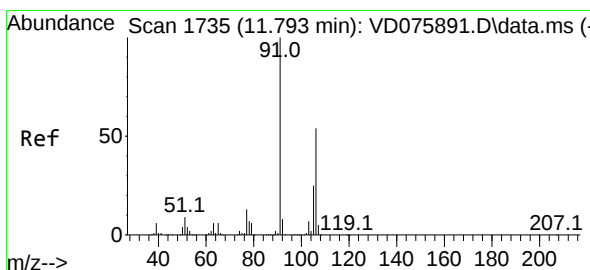
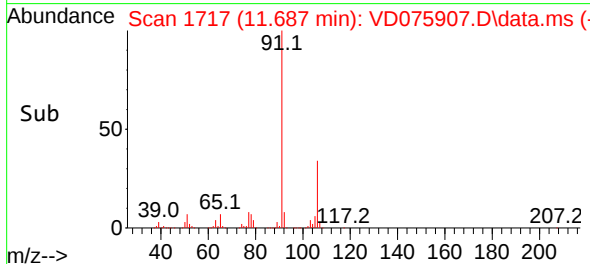
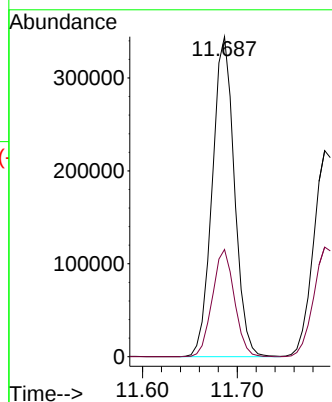
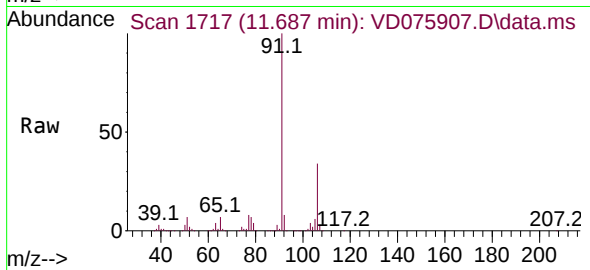
DCCL0MSD

Tgt Ion: 91 Resp: 557103

Ion Ratio Lower Upper

91 100

106 33.5 23.7 43.9



#53

m,p-Xylene

Concen: 26.639 ug/L

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD075907.D

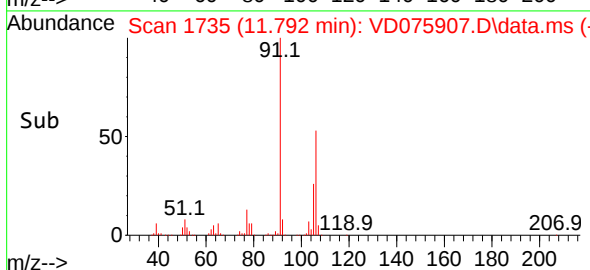
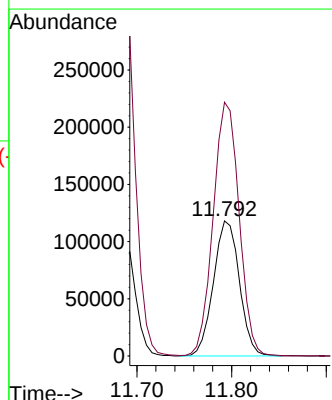
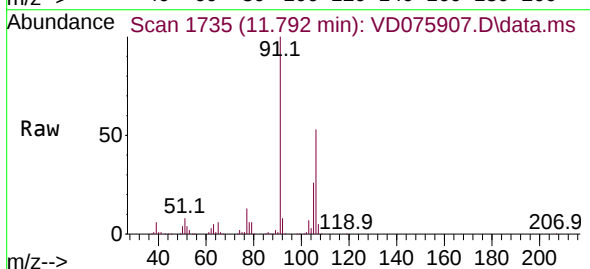
Acq: 29 Apr 2023 00:49

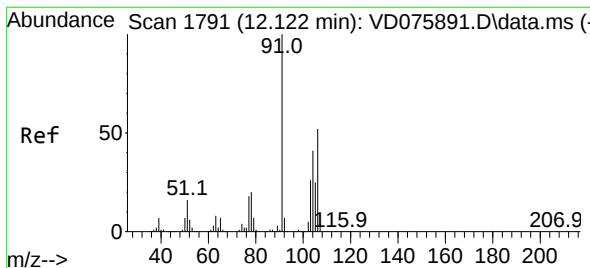
Tgt Ion:106 Resp: 224602

Ion Ratio Lower Upper

106 100

91 188.0 130.9 243.1





#54

o-Xylene

Concen: 26.938 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD075907.D

Acq: 29 Apr 2023 00:49

Instrument :

MSVOA_D

ClientSampleId :

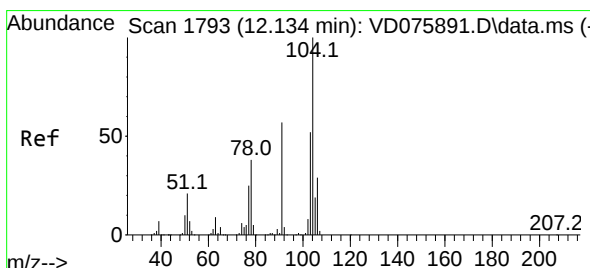
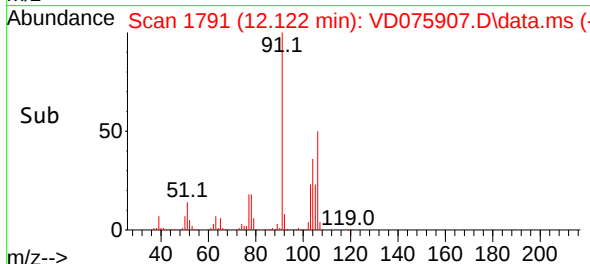
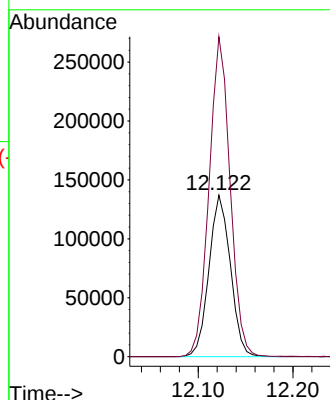
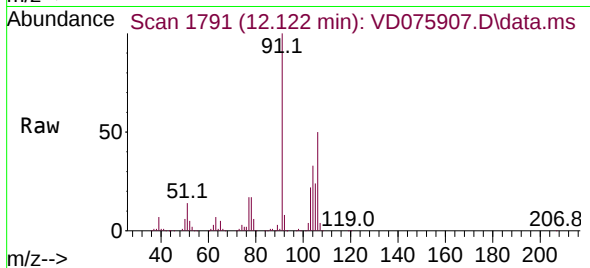
DCCL0MSD

Tgt Ion:106 Resp: 215726

Ion Ratio Lower Upper

106 100

91 198.3 139.8 259.6



#55

Styrene

Concen: 27.189 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD075907.D

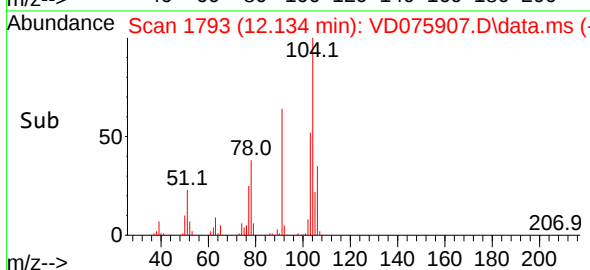
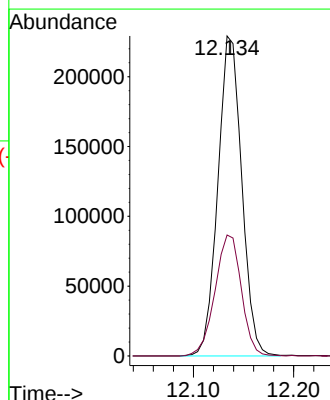
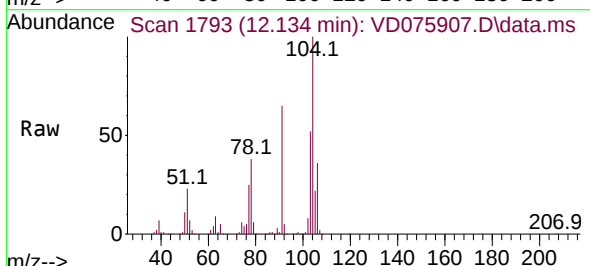
Acq: 29 Apr 2023 00:49

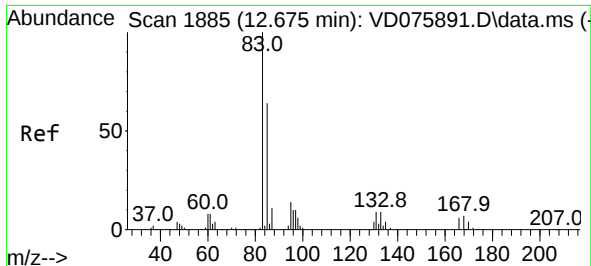
Tgt Ion:104 Resp: 378964

Ion Ratio Lower Upper

104 100

78 37.8 26.2 48.6

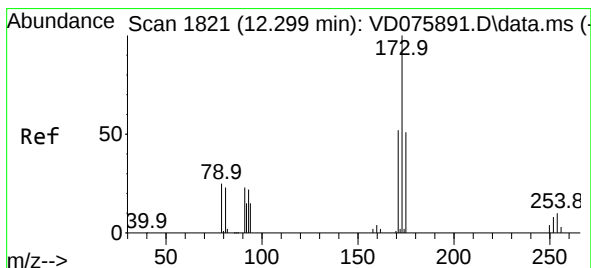
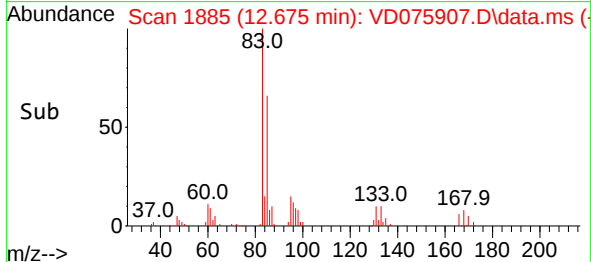
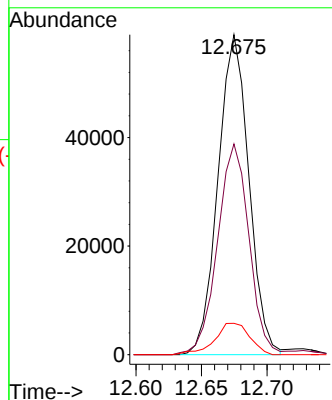
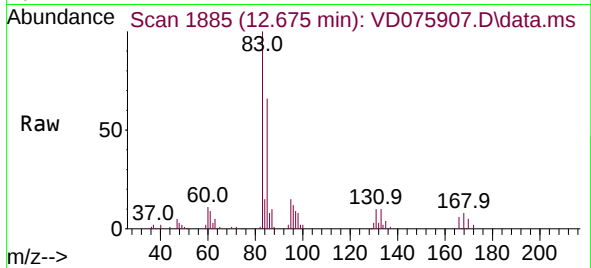




#57
1,1,2,2-Tetrachloroethane
Concen: 25.423 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075907.D
Acq: 29 Apr 2023 00:49

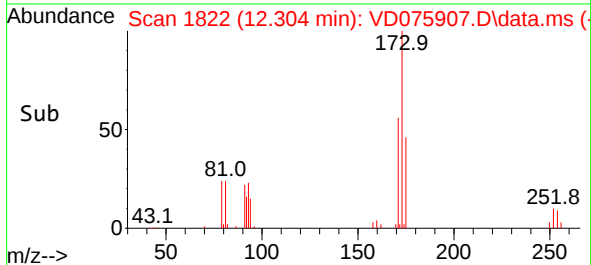
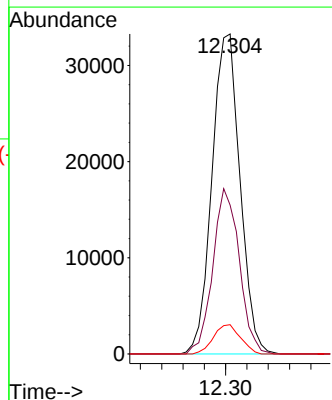
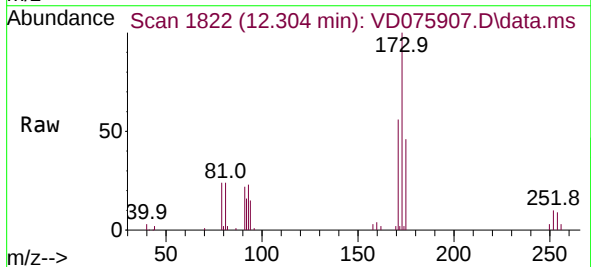
Instrument :
MSVOA_D
ClientSampleId :
DCCL0MSD

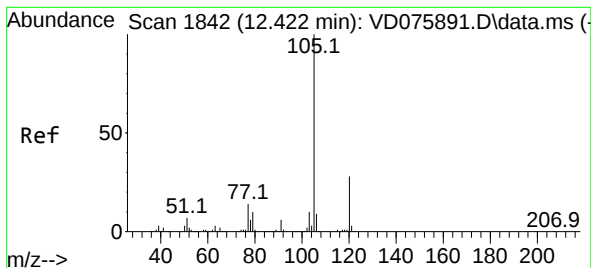
Tgt Ion: 83 Resp: 96458
Ion Ratio Lower Upper
83 100
85 65.9 45.1 83.7
131 9.8 7.0 10.6



#59
Bromoform
Concen: 25.854 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD075907.D
Acq: 29 Apr 2023 00:49

Tgt Ion: 173 Resp: 60686
Ion Ratio Lower Upper
173 100
175 48.8 39.4 59.0
254 8.8 7.4 11.2





#60

Isopropylbenzene

Concen: 25.959 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD075907.D

Acq: 29 Apr 2023 00:49

Instrument :

MSVOA_D

ClientSampleId :

DCCL0MSD

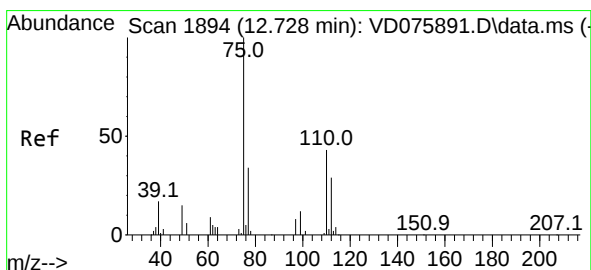
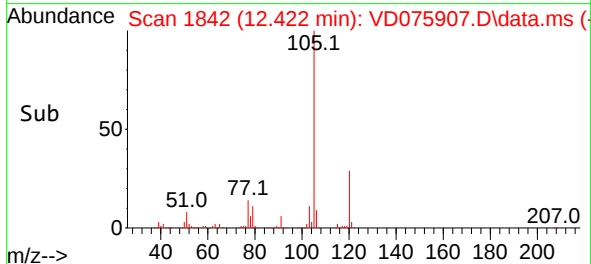
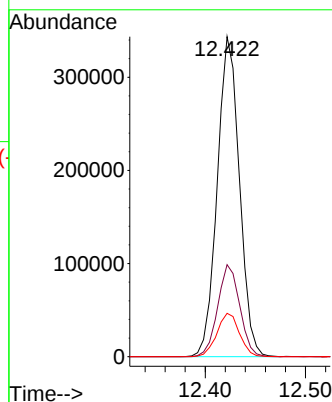
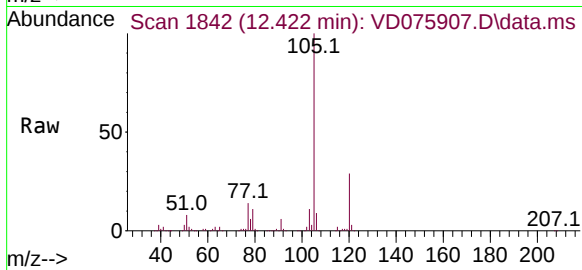
Tgt Ion:105 Resp: 527168

Ion Ratio Lower Upper

105 100

120 28.6 22.7 34.1

77 13.8 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 25.928 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075907.D

Acq: 29 Apr 2023 00:49

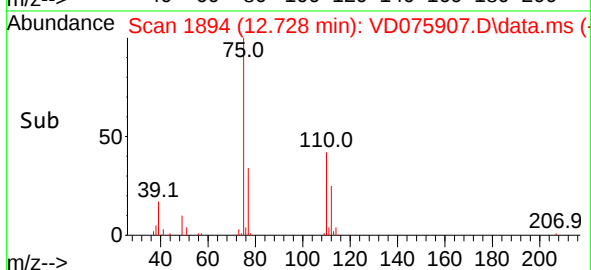
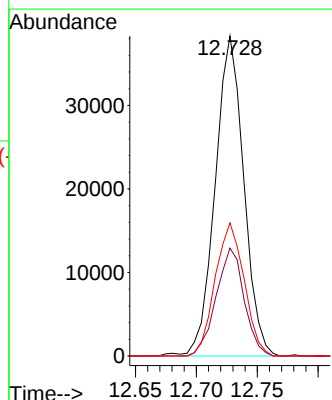
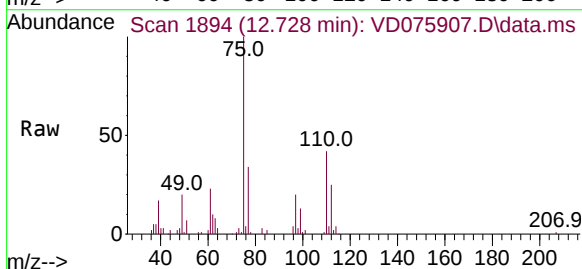
Tgt Ion: 75 Resp: 62380

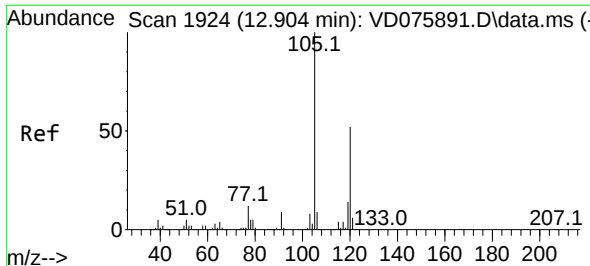
Ion Ratio Lower Upper

75 100

77 33.0 26.6 39.8

110 42.3 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 26.092 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD075907.D

Acq: 29 Apr 2023 00:49

Instrument :

MSVOA_D

ClientSampleId :

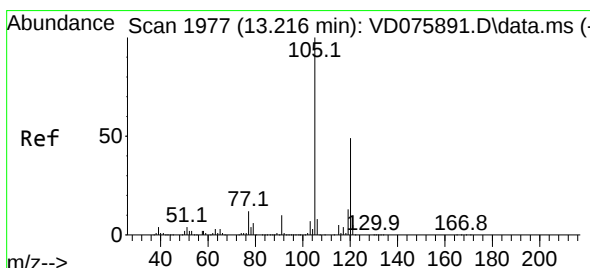
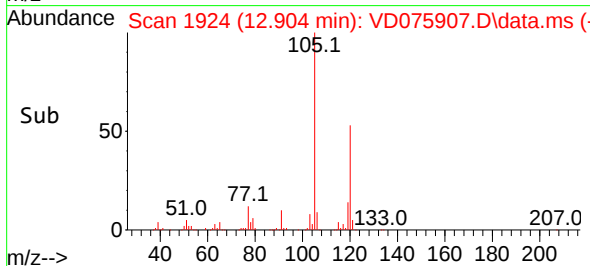
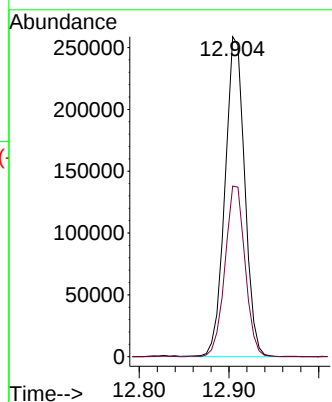
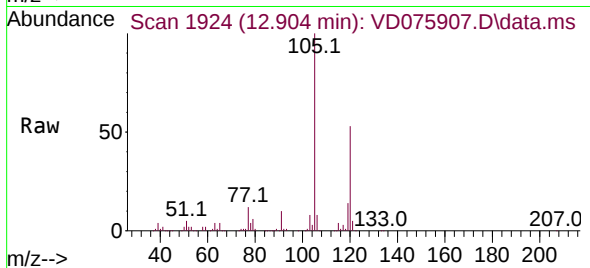
DCCL0MSD

Tgt Ion:105 Resp: 395112

Ion Ratio Lower Upper

105 100

120 54.3 42.0 63.0



#63

1,2,4-Trimethylbenzene

Concen: 26.513 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD075907.D

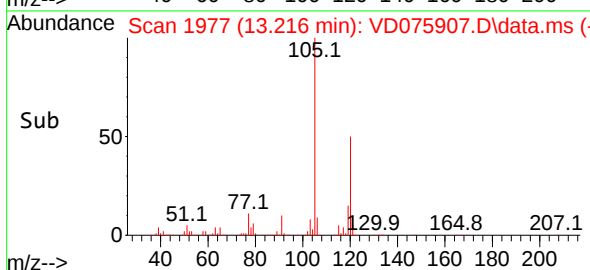
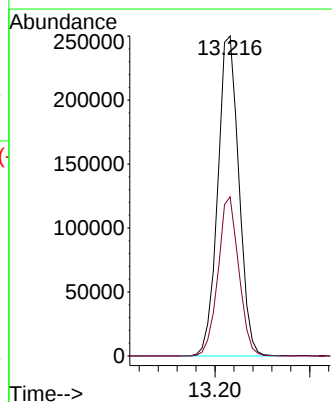
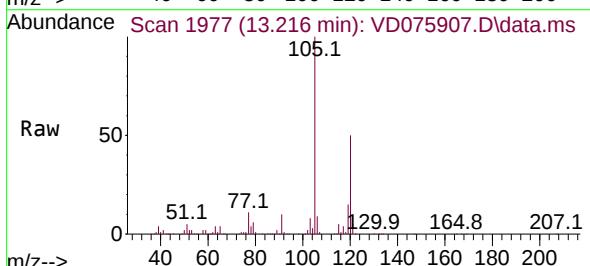
Acq: 29 Apr 2023 00:49

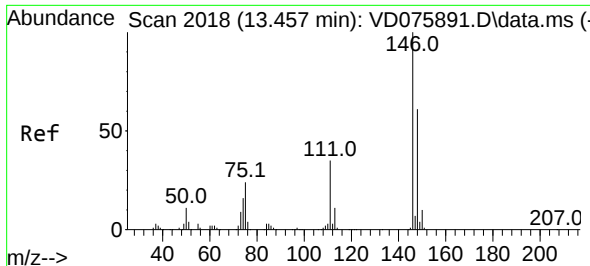
Tgt Ion:105 Resp: 387022

Ion Ratio Lower Upper

105 100

120 48.8 39.0 58.6

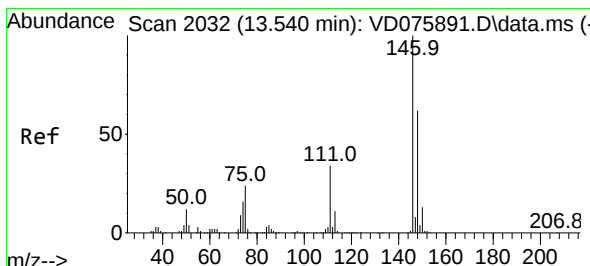
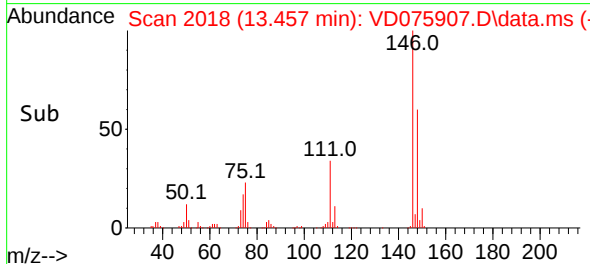
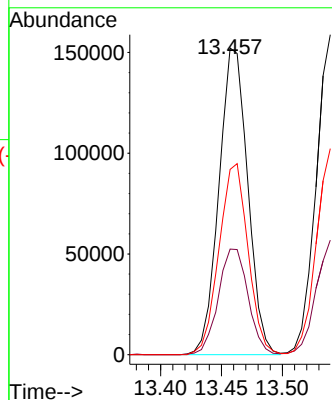
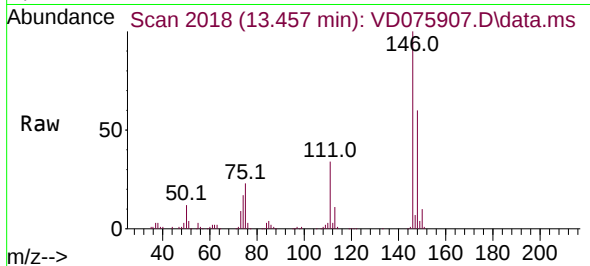




#64
1,3-Dichlorobenzene
Concen: 25.824 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD075907.D
Acq: 29 Apr 2023 00:49

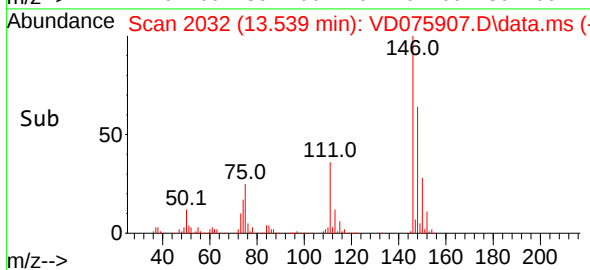
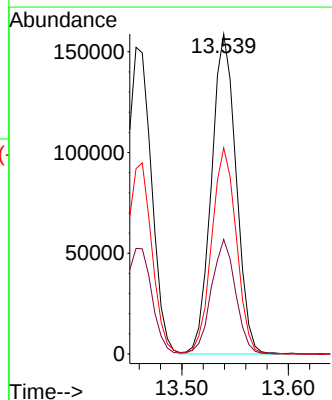
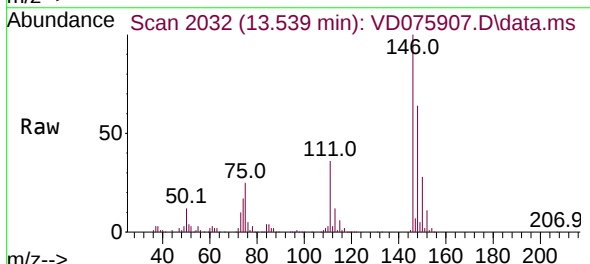
Instrument :
MSVOA_D
ClientSampleId :
DCCL0MSD

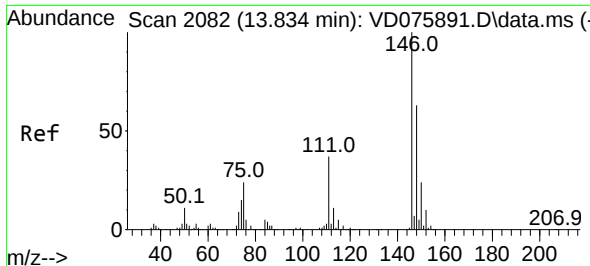
Tgt Ion:146 Resp: 250923
Ion Ratio Lower Upper
146 100
111 34.4 26.5 49.1
148 60.4 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 25.080 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075907.D
Acq: 29 Apr 2023 00:49

Tgt Ion:146 Resp: 255766
Ion Ratio Lower Upper
146 100
111 35.8 24.6 45.8
148 64.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 25.970 ug/L

RT: 13.833 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD075907.D

Acq: 29 Apr 2023 00:49

Instrument :

MSVOA_D

ClientSampleId :

DCCL0MSD

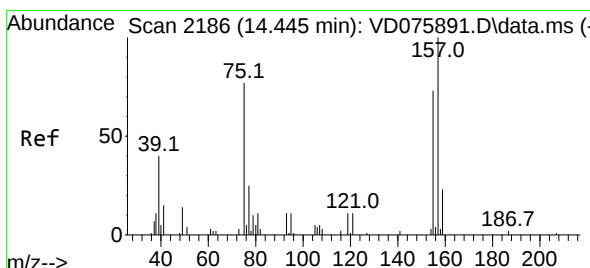
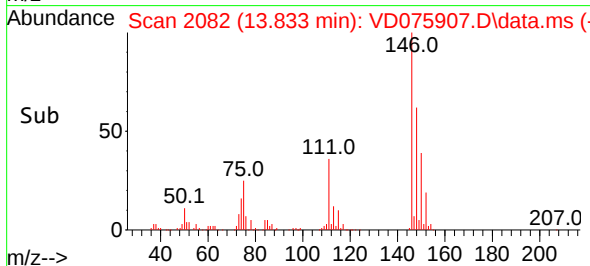
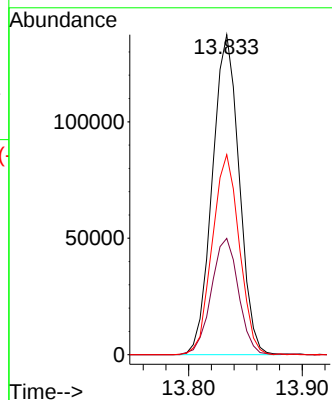
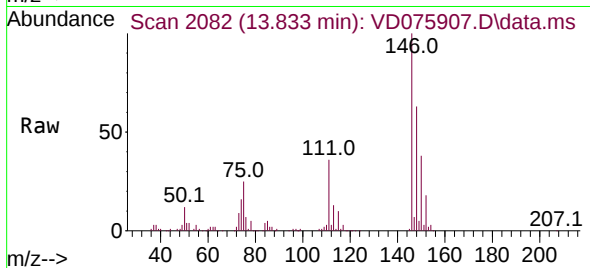
Tgt Ion:146 Resp: 225344

Ion Ratio Lower Upper

146 100

111 36.4 30.6 46.0

148 62.5 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.488 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD075907.D

Acq: 29 Apr 2023 00:49

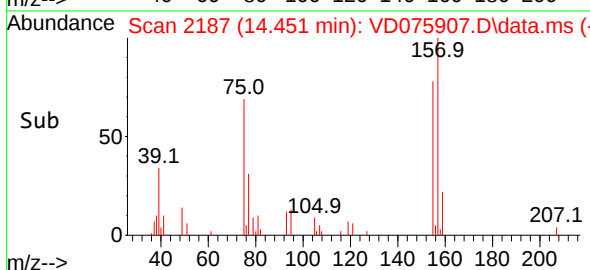
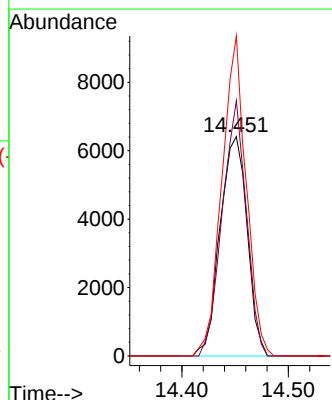
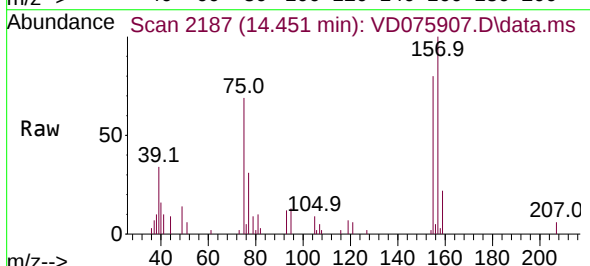
Tgt Ion: 75 Resp: 11297

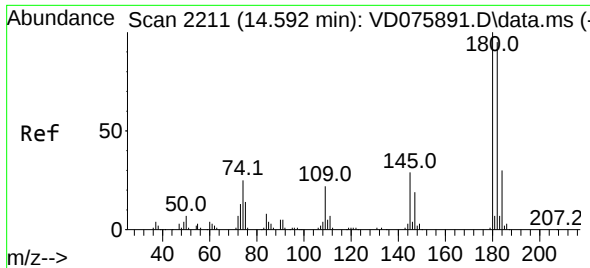
Ion Ratio Lower Upper

75 100

155 116.3 74.6 111.8#

157 145.9 109.4 164.2

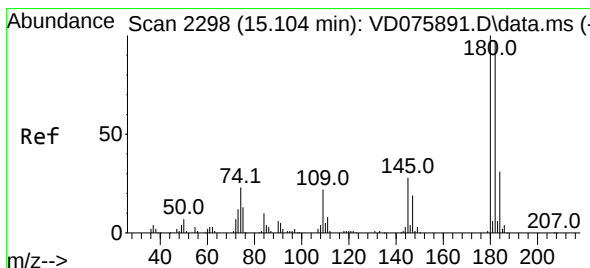
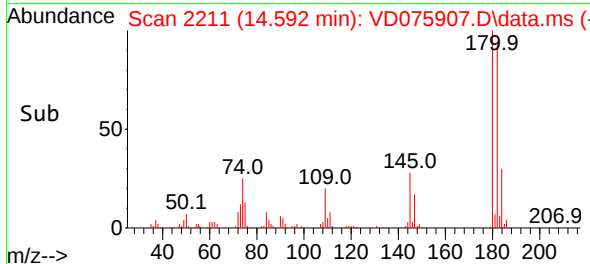
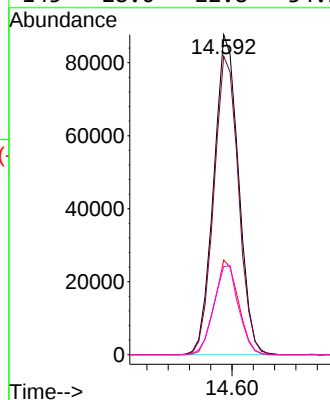
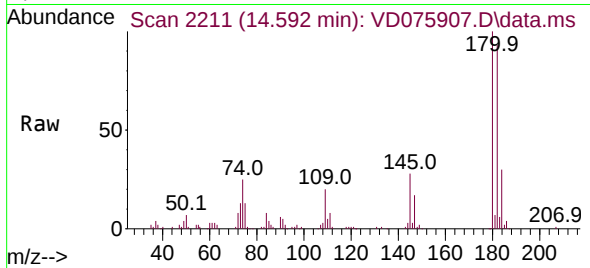




#69
 1,3,5-Trichlorobenzene
 Concen: 21.688 ug/L
 RT: 14.592 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VD075907.D
 Acq: 29 Apr 2023 00:49

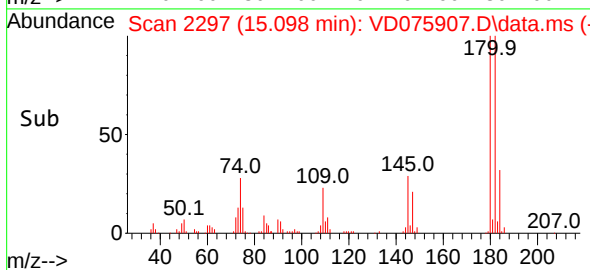
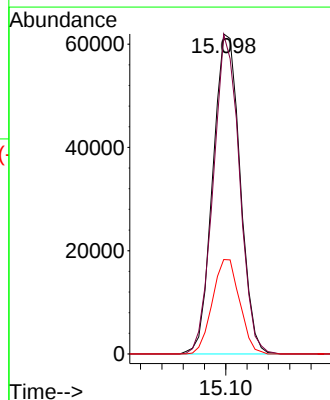
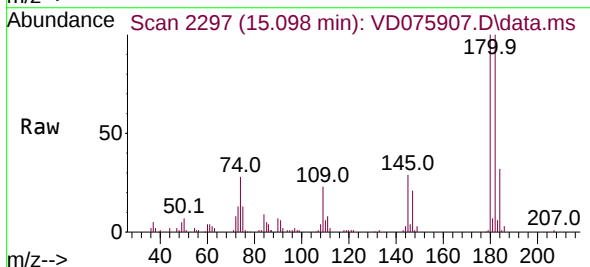
Instrument :
 MSVOA_D
 ClientSampleId :
 DCCL0MSD

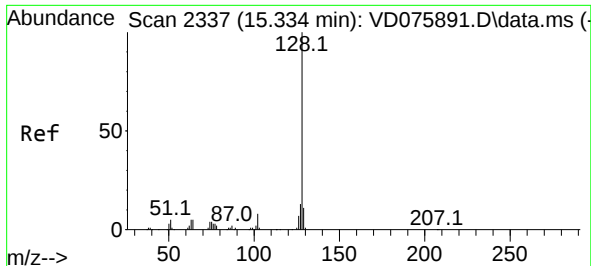
Tgt Ion:180	Resp:	141246
Ion Ratio	Lower	Upper
180	100	
182	92.8	74.9 112.3
184	28.8	25.0 37.4
145	28.0	22.8 34.2



#70
 1,2,4-trichlorobenzene
 Concen: 20.333 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD075907.D
 Acq: 29 Apr 2023 00:49

Tgt Ion:180	Resp:	109740
Ion Ratio	Lower	Upper
180	100	
182	96.0	75.4 113.2
145	29.5	23.6 35.4

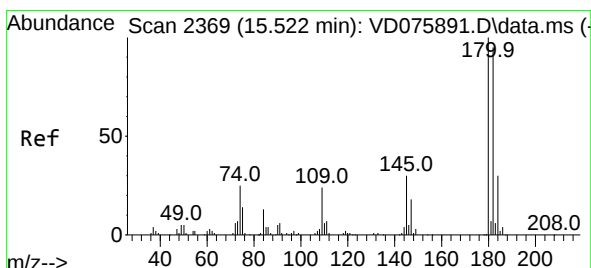
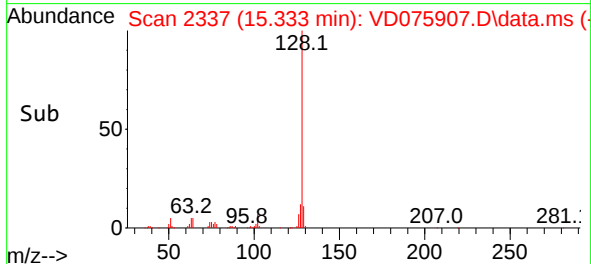
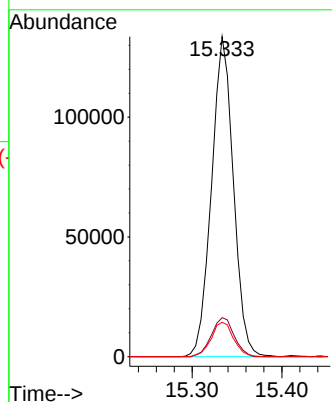
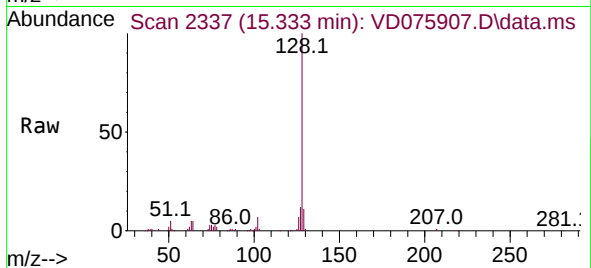




#71
Naphthalene
Concen: 22.898 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075907.D
Acq: 29 Apr 2023 00:49

Instrument :
MSVOA_D
ClientSampleId :
DCCL0MSD

Tgt Ion:128 Resp: 226162
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 11.0 9.1 13.7



#72
1,2,3-Trichlorobenzene
Concen: 21.787 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD075907.D
Acq: 29 Apr 2023 00:49

Tgt Ion:180 Resp: 104965
Ion Ratio Lower Upper
180 100
182 94.9 76.3 114.5
145 30.7 25.0 37.6

