

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042023\
 Data File : VD075766.D
 Acq On : 20 Apr 2023 17:28
 Operator : KP/SY
 Sample : VSTDICV025
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VICV130

Quant Time: Apr 21 06:03:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 21 05:54:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	375648	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	344058	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	168158	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	210536	25.548	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.200%
7) Chloroethane-d5	2.805	69	184965	25.978	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.920%
11) 1,1-Dichloroethene-d2	3.916	65	48614	25.588	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.360%
21) 2-Butanone-d5	6.987	46	36433	50.927	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.860%
24) Chloroform-d	7.563	84	240354	25.587	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.360%
26) 1,2-Dichloroethane-d4	8.234	65	104063	25.941	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.760%
32) Benzene-d6	8.204	84	521806	26.021	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.080%
36) 1,2-Dichloropropane-d6	9.210	67	141572	25.506	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.040%
41) Toluene-d8	10.269	98	492871	26.253	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.000%
43) trans-1,3-Dichloroprop...	10.528	79	59368	25.877	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.520%
47) 2-Hexanone-d5	10.881	63	34928	52.262	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.520%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	111633	26.283	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.120%
66) 1,2-Dichlorobenzene-d4	13.816	152	150875	25.366	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.480%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	136701	26.398	ug/L	98
3) Chloromethane	2.146	50	188819	26.156	ug/L	97
5) Vinyl chloride	2.281	62	238259	25.253	ug/L	98
6) Bromomethane	2.693	94	161642	25.496	ug/L	96
8) Chloroethane	2.840	64	153349	25.131	ug/L	94
9) Trichlorofluoromethane	3.175	101	189519	25.000	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	132144	25.946	ug/L	99
13) Acetone	4.028	43	27306	44.602	ug/L	98
14) Carbon disulfide	4.269	76	441682	25.602	ug/L	99
15) Methyl Acetate	4.558	43	33983	25.613	ug/L #	58
16) Methylene chloride	4.799	84	156334	20.515	ug/L	97
17) trans-1,2-Dichloroethene	5.316	96	139803	25.243	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	226896	25.540	ug/L	99
19) 1,1-Dichloroethane	6.116	63	208551	25.705	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	146788	25.066	ug/L	99
22) 2-Butanone	7.081	43	41224	51.650	ug/L	95
23) Bromochloromethane	7.428	128	68802	25.333	ug/L	97
25) Chloroform	7.599	83	229403	25.229	ug/L	99
27) 1,2-Dichloroethane	8.322	62	118790	25.309	ug/L	98

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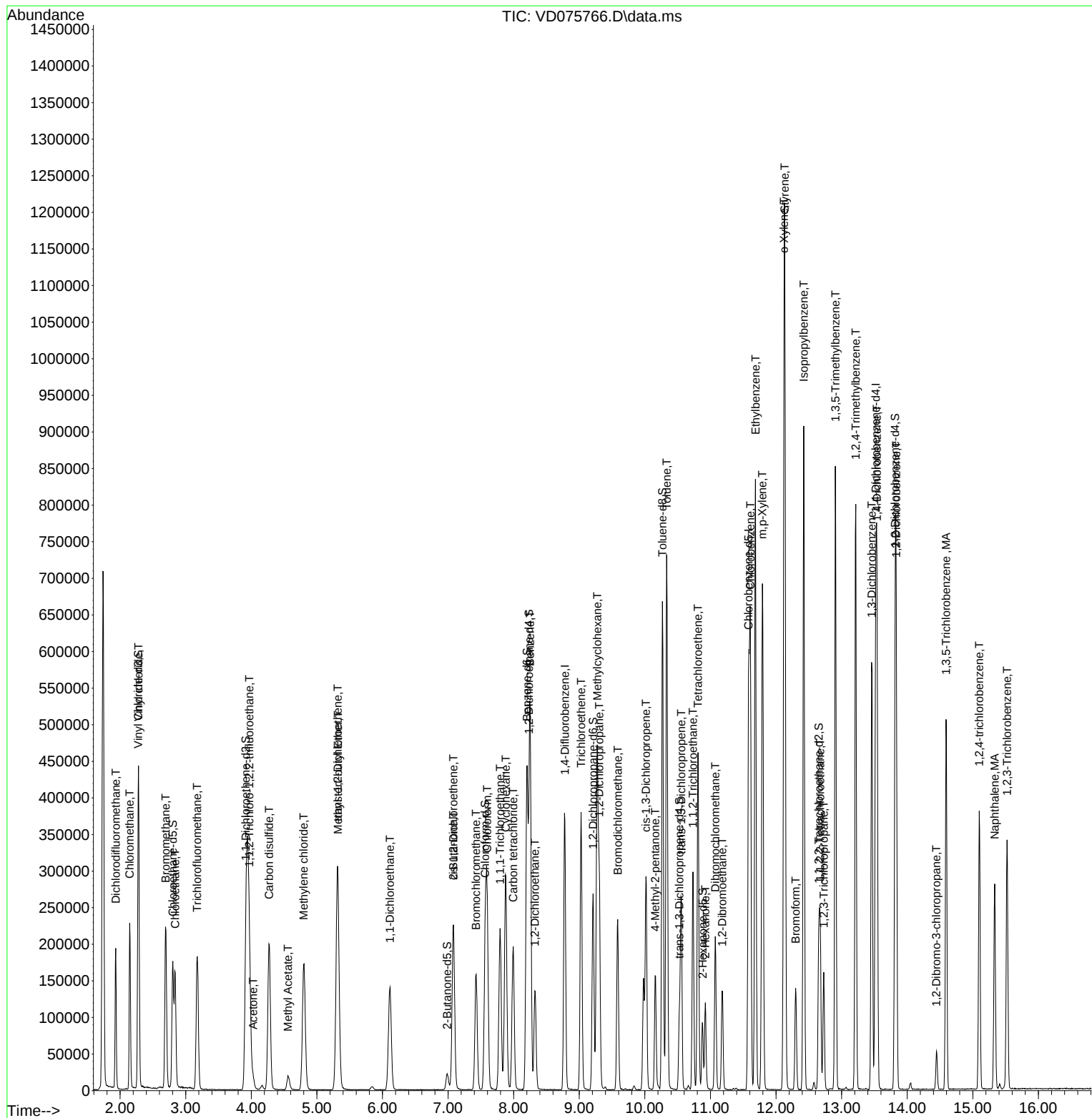
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.881	56	157359	26.717	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	183864	25.258	ug/L	99
31) Carbon tetrachloride	7.993	117	152599	26.129	ug/L	98
33) Benzene	8.251	78	539619	25.929	ug/L	100
34) Trichloroethene	9.028	95	136977	25.451	ug/L	98
35) Methylcyclohexane	9.275	83	224553	27.062	ug/L	98
37) 1,2-Dichloropropane	9.304	63	124151	25.970	ug/L	99
38) Bromodichloromethane	9.587	83	164839	25.573	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	197583	25.988	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	92877	53.286	ug/L	98
42) Toluene	10.334	91	601832	26.723	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	160450	26.270	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	103794	25.521	ug/L	98
46) Tetrachloroethene	10.810	164	110011	24.921	ug/L	92
48) 2-Hexanone	10.922	43	64325	52.349	ug/L	98
49) Dibromochloromethane	11.075	129	114002	25.748	ug/L	98
50) 1,2-Dibromoethane	11.181	107	95742	26.111	ug/L	99
51) Chlorobenzene	11.610	112	378069	25.660	ug/L	99
52) Ethylbenzene	11.687	91	618721	26.791	ug/L	97
53) m,p-Xylene	11.792	106	251856	27.388	ug/L	95
54) o-Xylene	12.122	106	233883	26.777	ug/L	99
55) Styrene	12.134	104	416553	27.401	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	108129	26.130	ug/L	97
59) Bromoform	12.298	173	66553	25.824	ug/L	99
60) Isopropylbenzene	12.422	105	598217	26.829	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	67771	25.655	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	457713	27.529	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	446414	27.853	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	269204	25.233	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	281185	25.113	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	240925	25.288	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	13019	24.653	ug/L	88
69) 1,3,5-Trichlorobenzene	14.592	180	160561	22.454	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	131265	22.151	ug/L	99
71) Naphthalene	15.333	128	258200	23.810	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	122615	23.180	ug/L	100

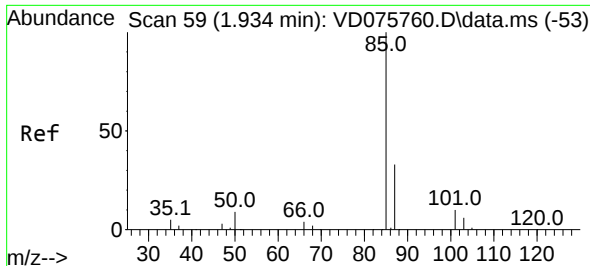
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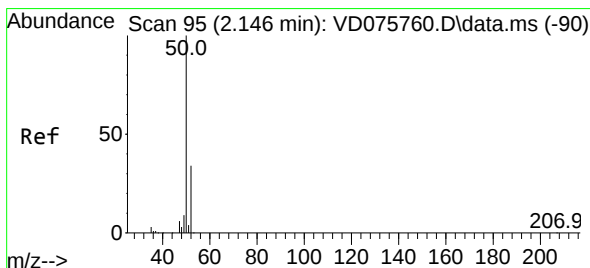
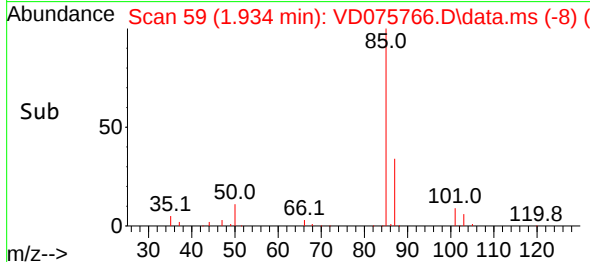
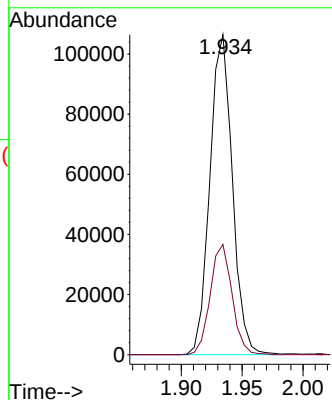
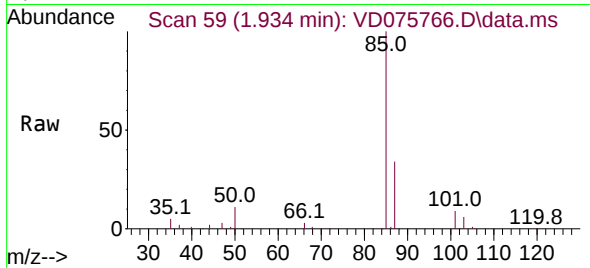




#2
 Dichlorodifluoromethane
 Concen: 26.398 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD075766.D
 Acq: 20 Apr 2023 17:28

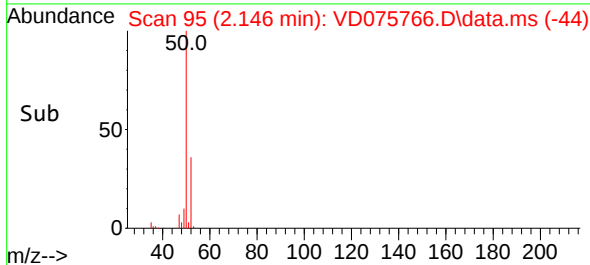
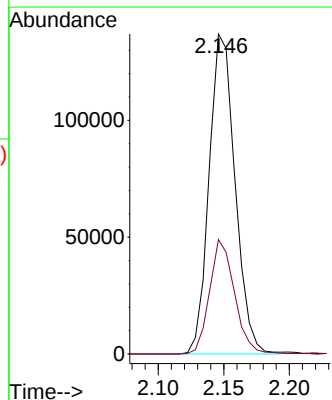
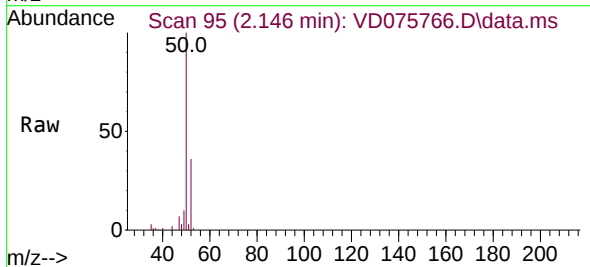
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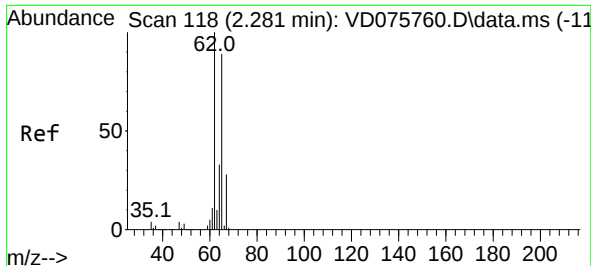
Tgt Ion: 85 Resp: 136701
 Ion Ratio Lower Upper
 85 100
 87 33.4 25.8 38.8



#3
 Chloromethane
 Concen: 26.156 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD075766.D
 Acq: 20 Apr 2023 17:28

Tgt Ion: 50 Resp: 188819
 Ion Ratio Lower Upper
 50 100
 52 35.8 23.7 44.1

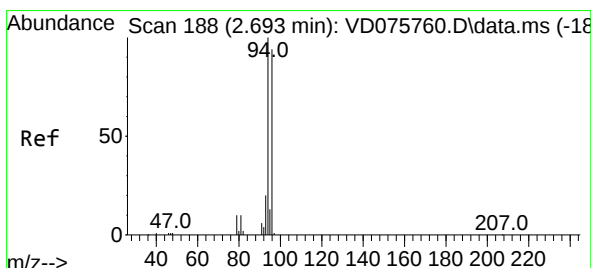
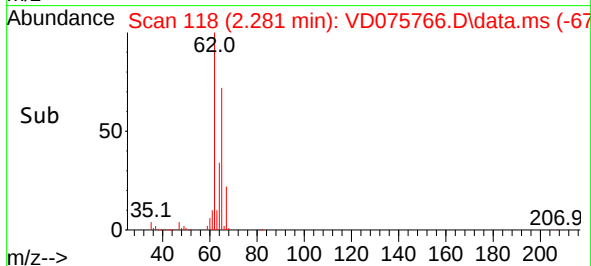
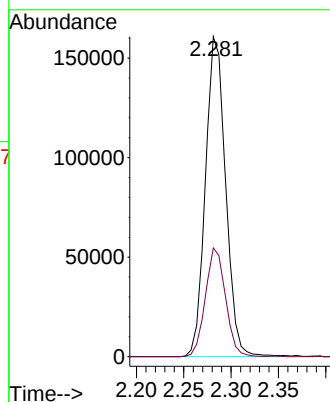
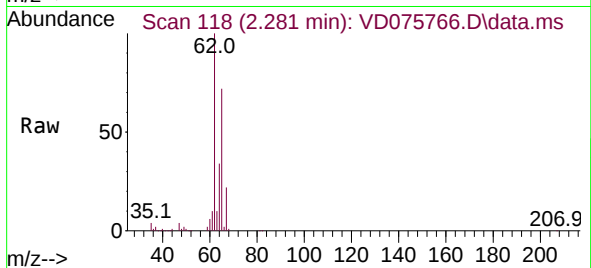




#5
 Vinyl chloride
 Concen: 25.253 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD075766.D
 Acq: 20 Apr 2023 17:28

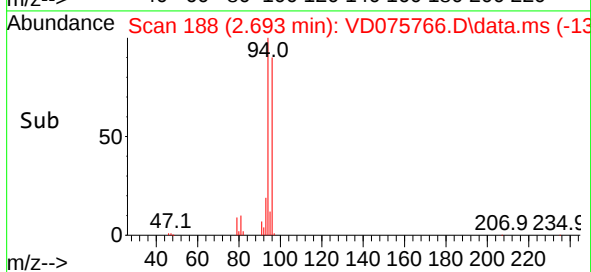
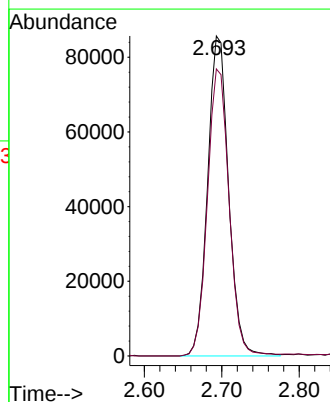
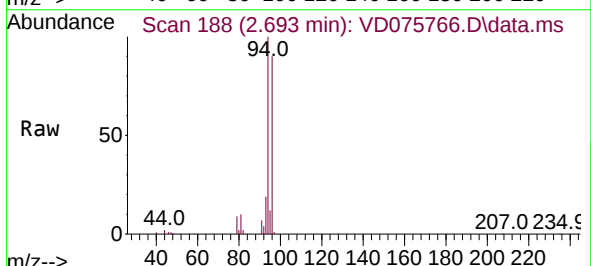
Instrument :
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 ClientSampleId :
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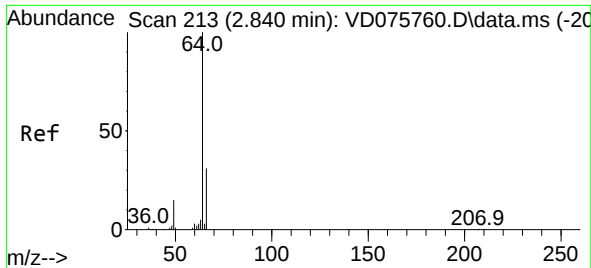
Tgt Ion: 62 Resp: 238259
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.2 43.0



#6
 Bromomethane
 Concen: 25.496 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD075766.D
 Acq: 20 Apr 2023 17:28

Tgt Ion: 94 Resp: 161642
 Ion Ratio Lower Upper
 94 100
 96 89.7 65.7 121.9

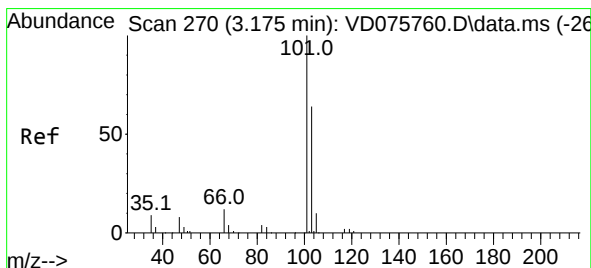
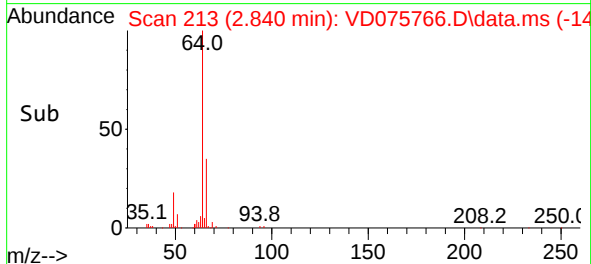
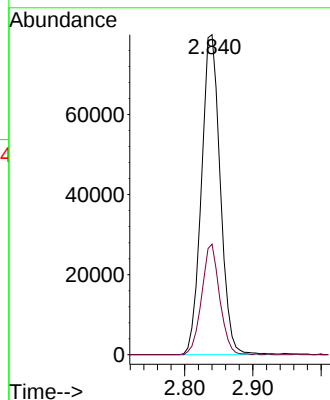
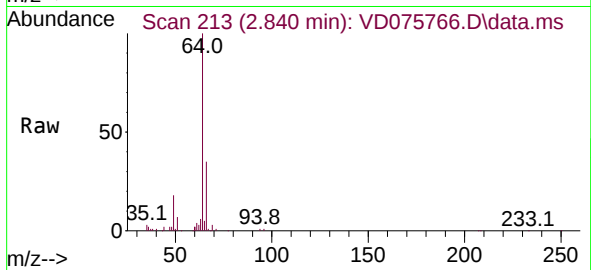




#8
Chloroethane
Concen: 25.131 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

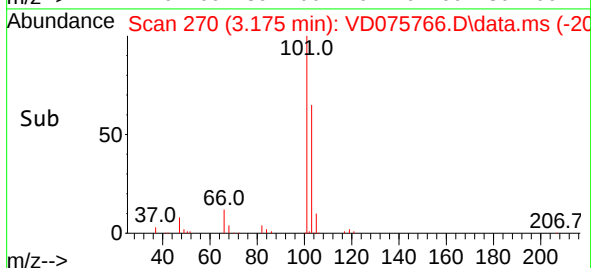
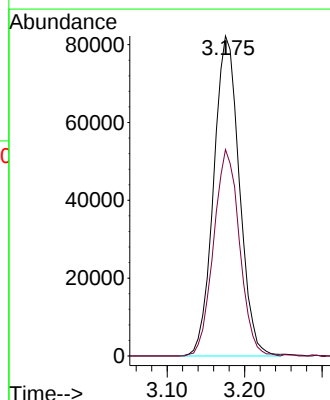
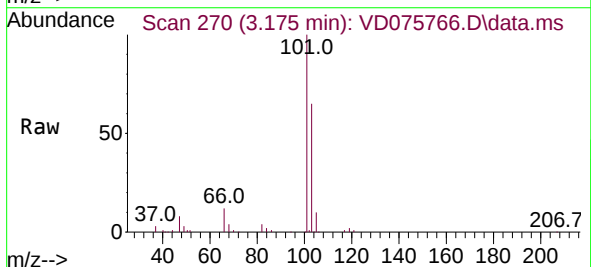
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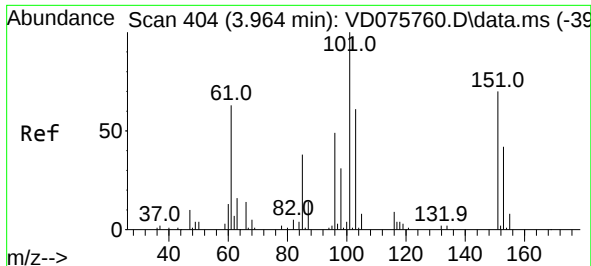
Tgt Ion: 64 Resp: 153349
Ion Ratio Lower Upper
64 100
66 34.5 21.8 40.4



#9
Trichlorofluoromethane
Concen: 25.000 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

Tgt Ion:101 Resp: 189519
Ion Ratio Lower Upper
101 100
103 64.9 52.2 78.4

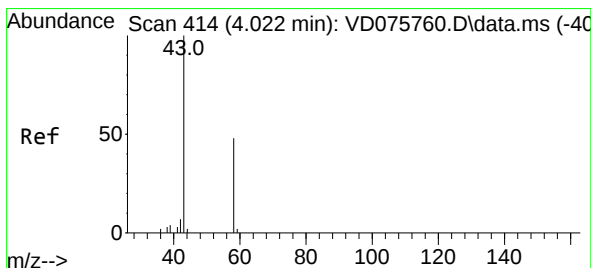
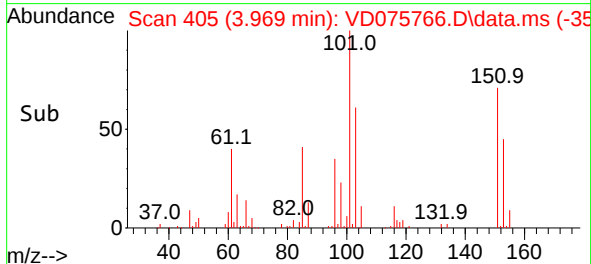
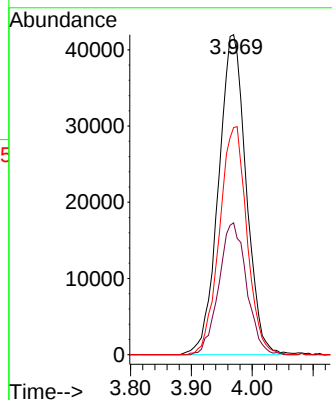
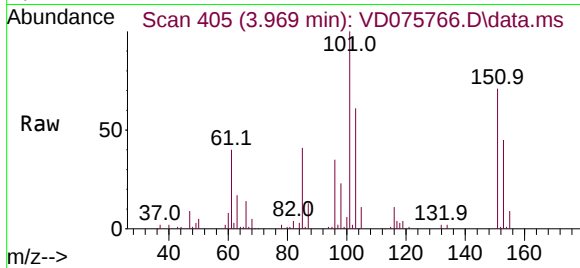




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.946 ug/L
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

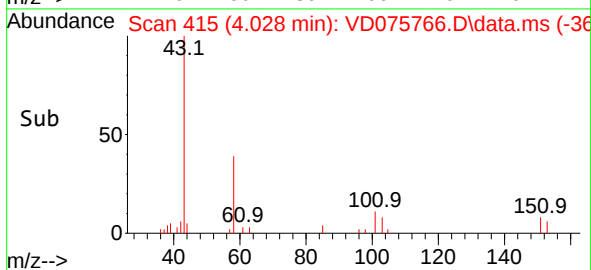
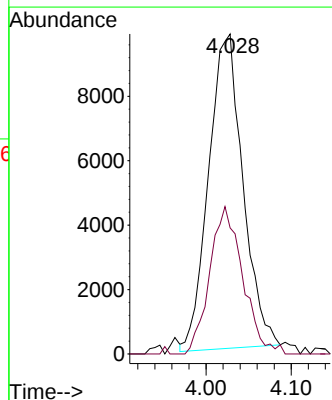
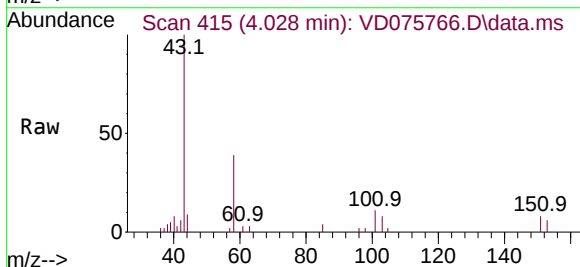
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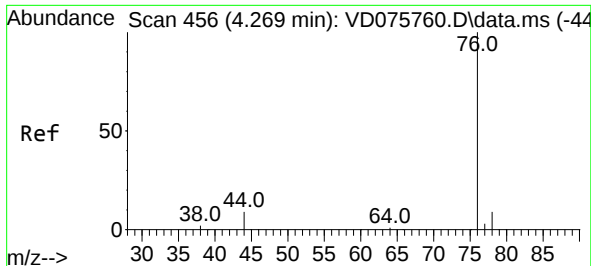
Tgt Ion:101 Resp: 132144
Ion Ratio Lower Upper
101 100
85 41.3 32.9 49.3
151 70.9 57.2 85.8



#13
Acetone
Concen: 44.602 ug/L
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

Tgt Ion: 43 Resp: 27306
Ion Ratio Lower Upper
43 100
58 44.7 0.0 87.4

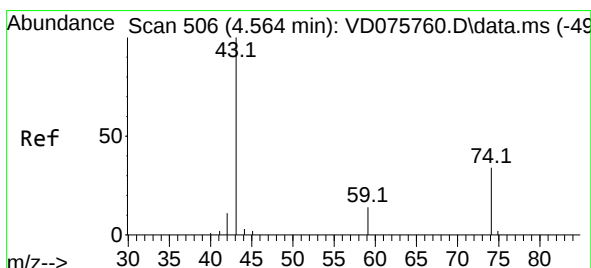
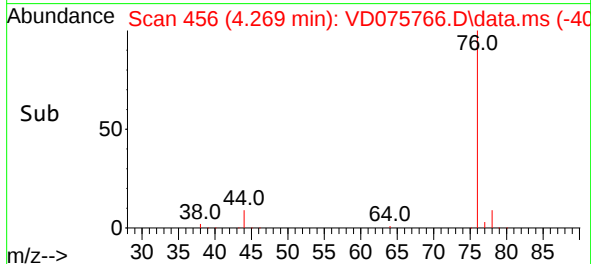
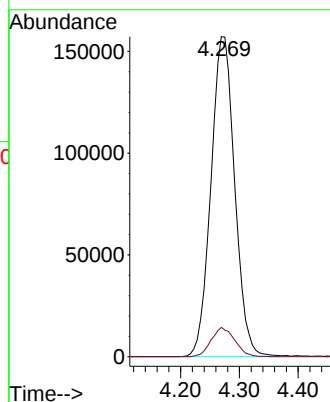
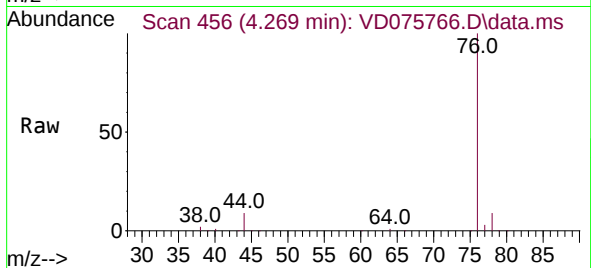




#14
Carbon disulfide
Concen: 25.602 ug/L
RT: 4.269 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

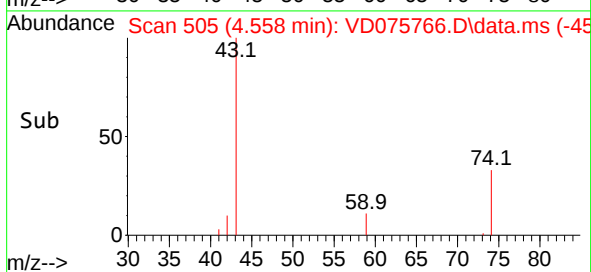
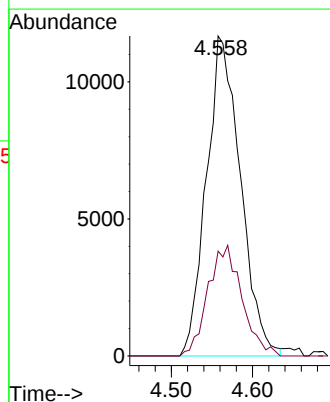
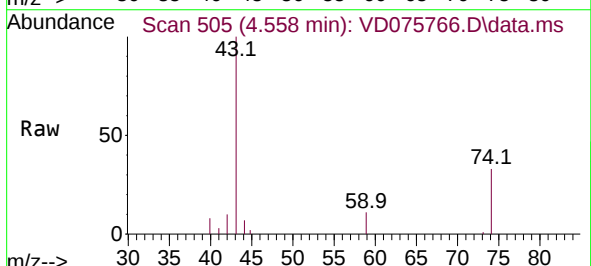
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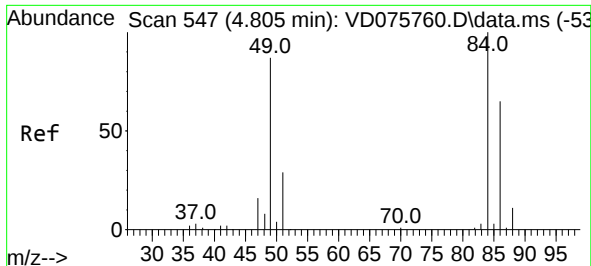
Tgt Ion: 76 Resp: 441682
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#15
Methyl Acetate
Concen: 25.613 ug/L
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

Tgt Ion: 43 Resp: 33983
Ion Ratio Lower Upper
43 100
74 33.9 12.8 19.2#

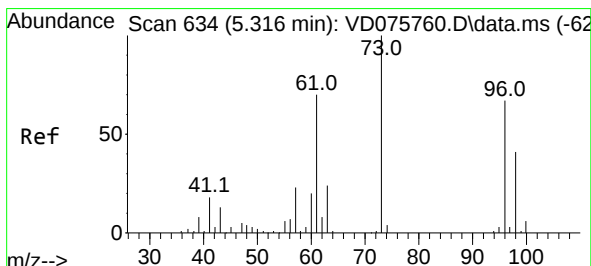
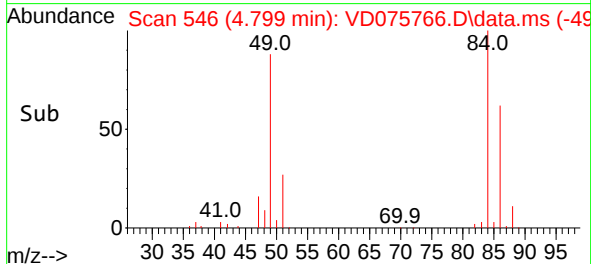
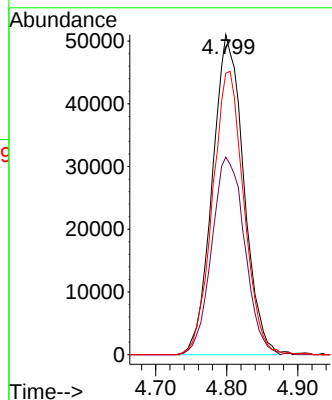
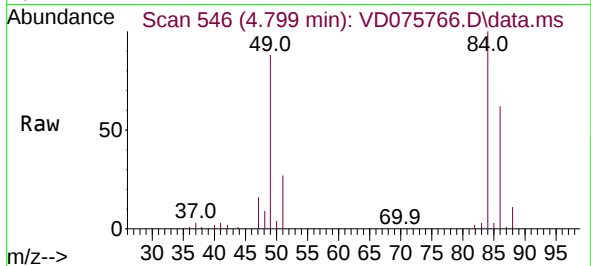




#16
Methylene chloride
Concen: 20.515 ug/L
RT: 4.799 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

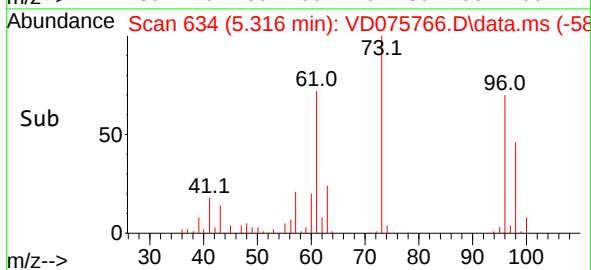
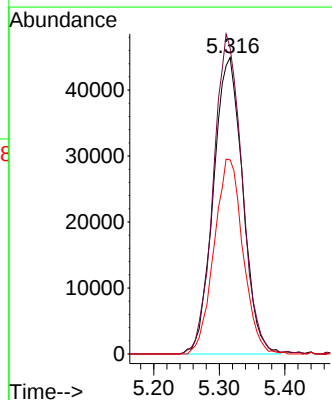
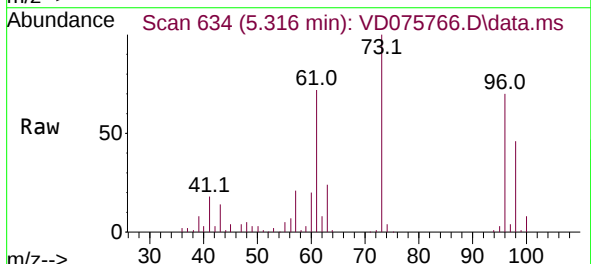
Instrument :
MSVOA_D
ClientSampleId :
VICV130

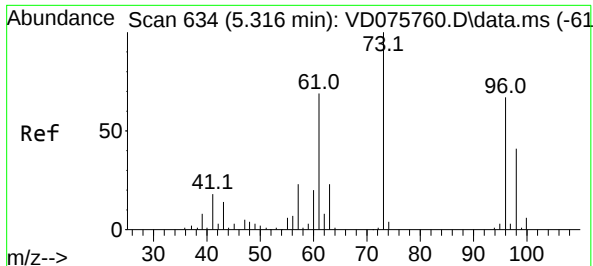
Tgt Ion: 84 Resp: 156334
Ion Ratio Lower Upper
84 100
86 61.7 45.8 85.2
49 88.0 60.8 112.8



#17
trans-1,2-Dichloroethene
Concen: 25.243 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

Tgt Ion: 96 Resp: 139803
Ion Ratio Lower Upper
96 100
61 103.2 72.9 135.5
98 65.4 43.0 79.8





#18

Methyl tert-butyl Ether

Concen: 25.540 ug/L

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD075766.D

Acq: 20 Apr 2023 17:28

Instrument :

MSVOA_D

ClientSampleId :

VICV130

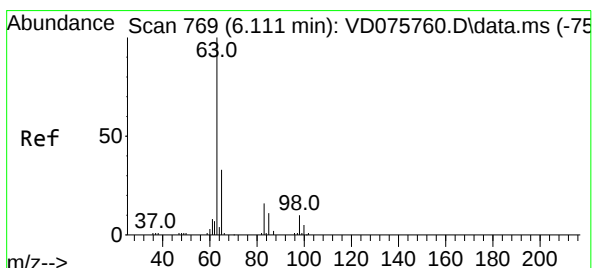
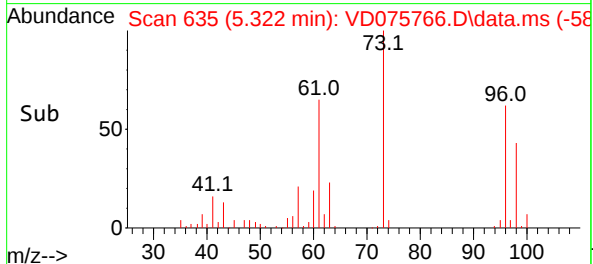
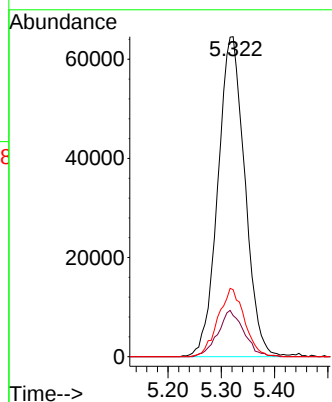
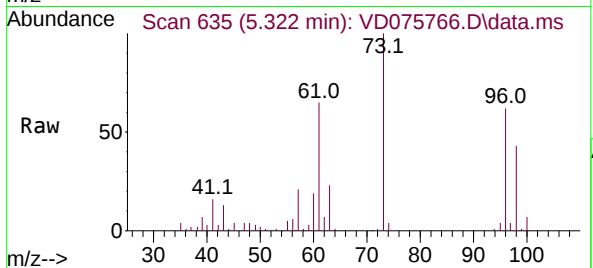
Tgt Ion: 73 Resp: 226896

Ion Ratio Lower Upper

73 100

43 13.9 11.3 16.9

57 20.9 16.3 24.5



#19

1,1-Dichloroethane

Concen: 25.705 ug/L

RT: 6.116 min Scan# 770

Delta R.T. 0.006 min

Lab File: VD075766.D

Acq: 20 Apr 2023 17:28

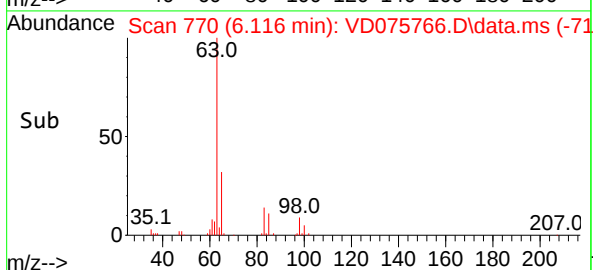
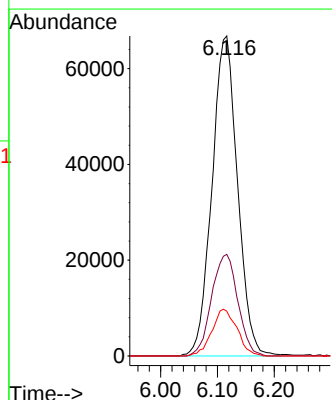
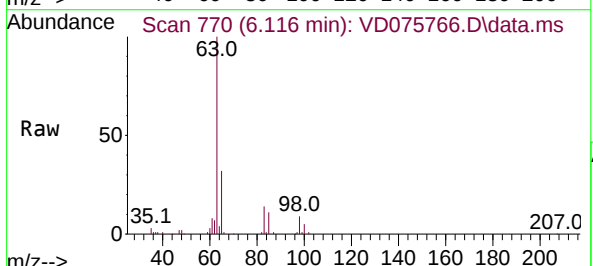
Tgt Ion: 63 Resp: 208551

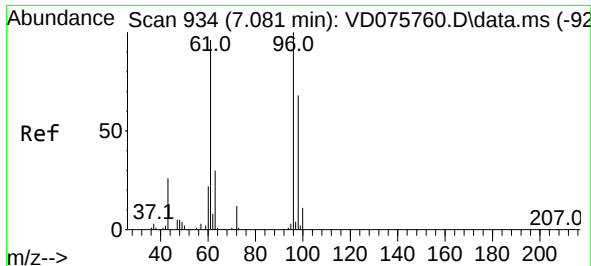
Ion Ratio Lower Upper

63 100

65 31.7 22.8 42.4

83 14.0 11.2 20.8



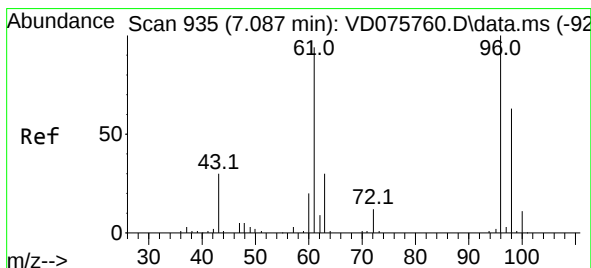
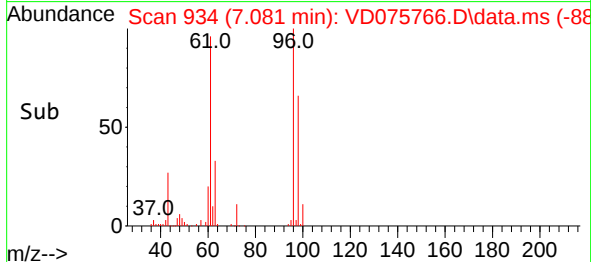
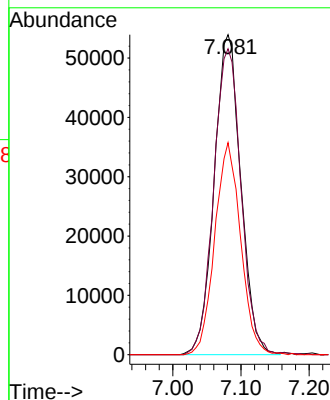
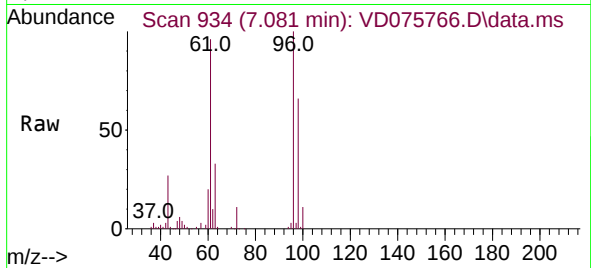


#20
 cis-1,2-Dichloroethene
 Concen: 25.066 ug/L
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD075766.D
 Acq: 20 Apr 2023 17:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VICV130

Tgt Ion: 96 Resp: 146788

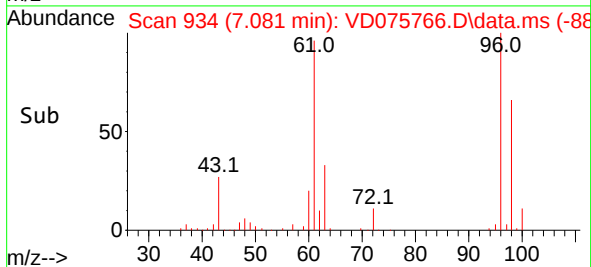
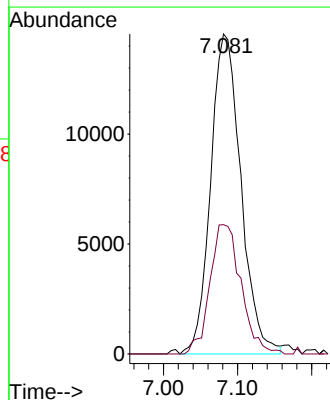
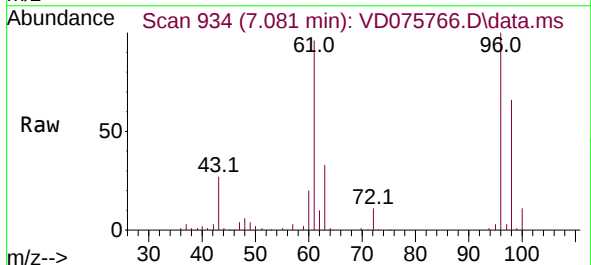
Ion	Ratio	Lower	Upper
96	100		
61	95.6	67.5	125.3
98	66.2	47.5	88.1

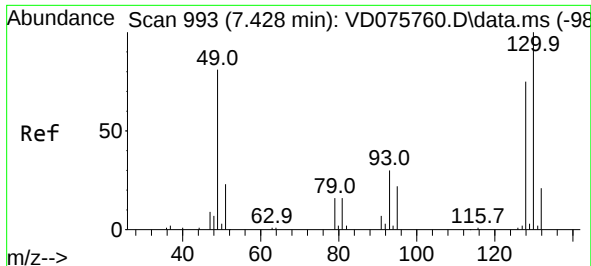


#22
 2-Butanone
 Concen: 51.650 ug/L
 RT: 7.081 min Scan# 934
 Delta R.T. -0.006 min
 Lab File: VD075766.D
 Acq: 20 Apr 2023 17:28

Tgt Ion: 43 Resp: 41224

Ion	Ratio	Lower	Upper
43	100		
72	38.0	20.5	61.5

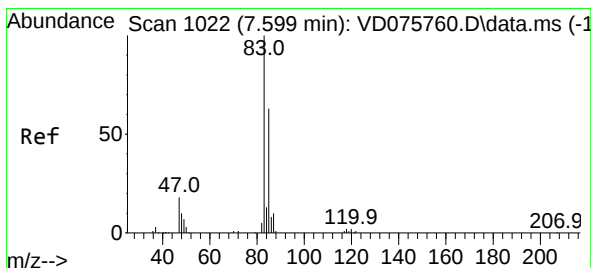
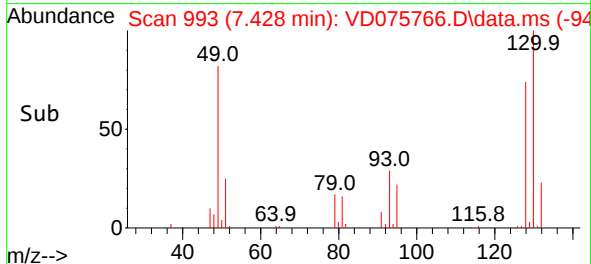
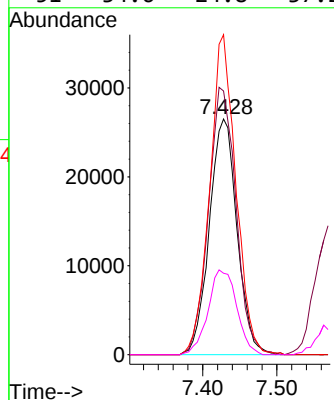
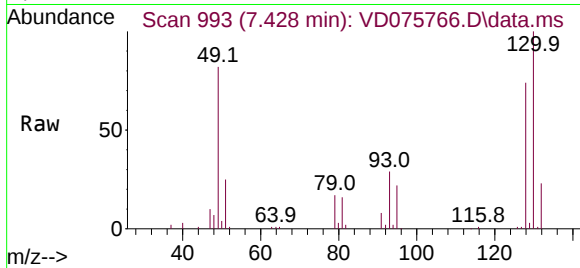




#23
Bromochloromethane
Concen: 25.333 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

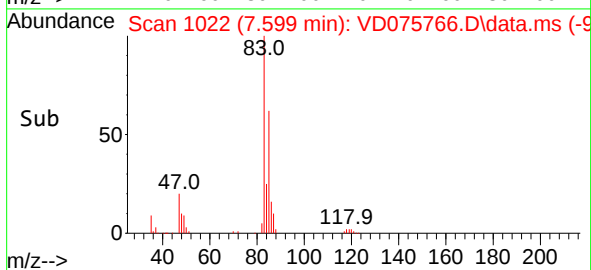
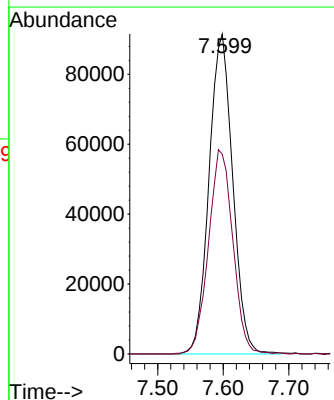
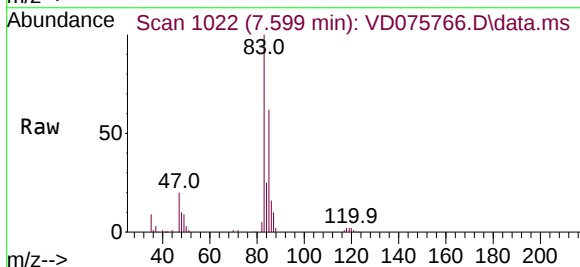
Instrument :
MSVOA_D
ClientSampleId :
VICV130

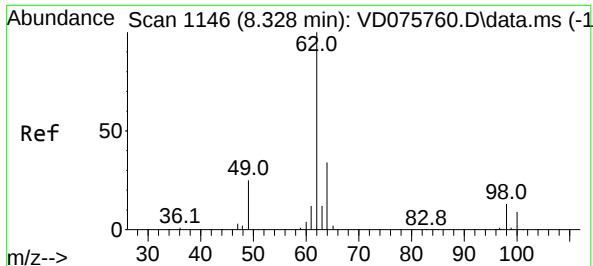
Tgt	Ion:128	Resp:	68802
Ion	Ratio	Lower	Upper
128	100		
49	111.9	76.4	142.0
130	135.8	93.5	173.7
51	34.6	24.8	37.2



#25
Chloroform
Concen: 25.229 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

Tgt Ion: 83	Resp: 229403
Ion Ratio	Lower Upper
83 100	
85 62.4	44.4 82.5





#27

1,2-Dichloroethane

Concen: 25.309 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD075766.D

Acq: 20 Apr 2023 17:28

Instrument :

MSVOA_D

ClientSampleId :

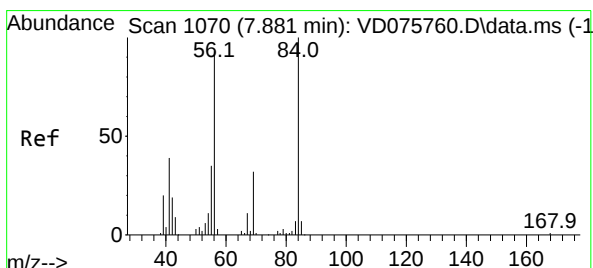
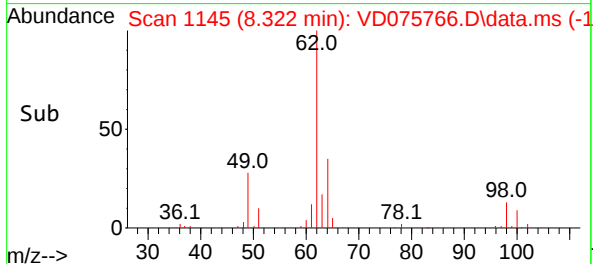
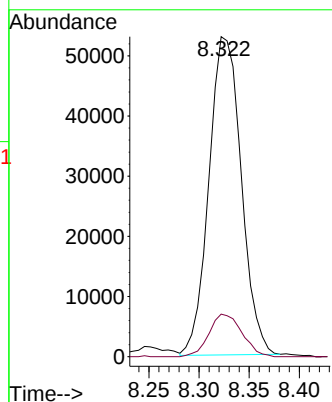
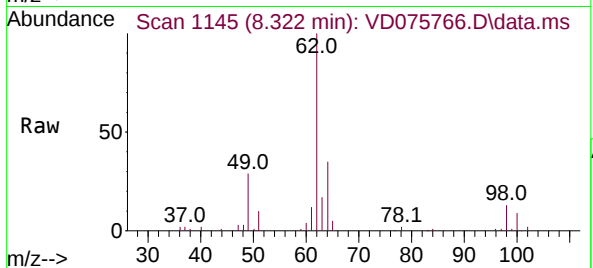
VICV130

Tgt Ion: 62 Resp: 118790

Ion Ratio Lower Upper

62 100

98 13.3 10.2 15.2



#29

Cyclohexane

Concen: 26.717 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD075766.D

Acq: 20 Apr 2023 17:28

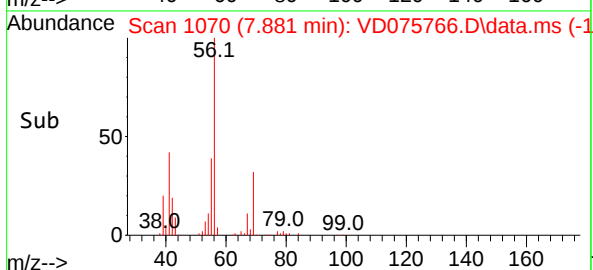
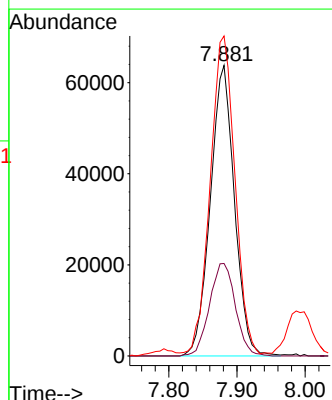
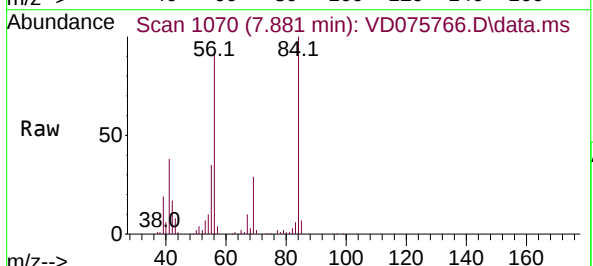
Tgt Ion: 56 Resp: 157359

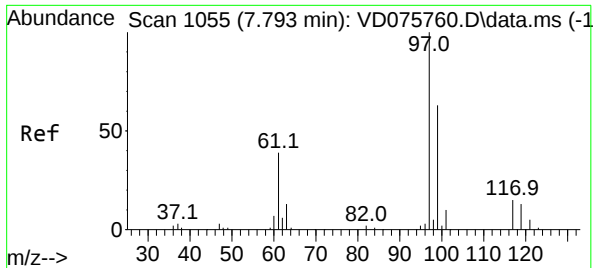
Ion Ratio Lower Upper

56 100

69 34.1 28.2 42.2

84 113.6 92.4 138.6





#30

1,1,1-Trichloroethane

Concen: 25.258 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075766.D

Acq: 20 Apr 2023 17:28

Instrument :

MSVOA_D

ClientSampleId :

VICV130

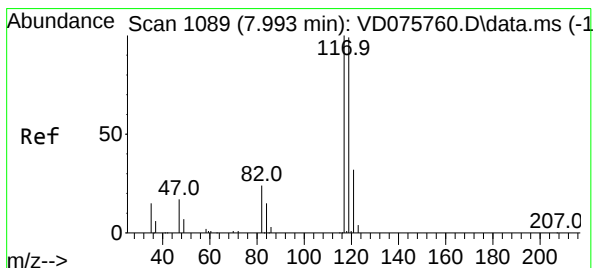
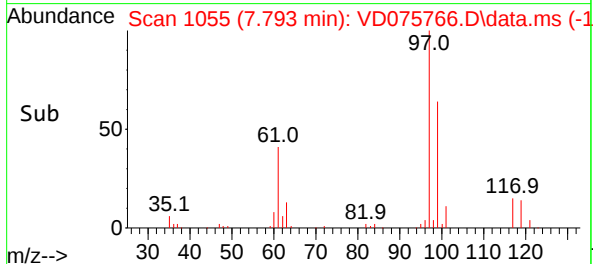
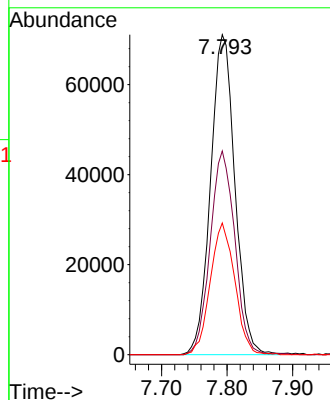
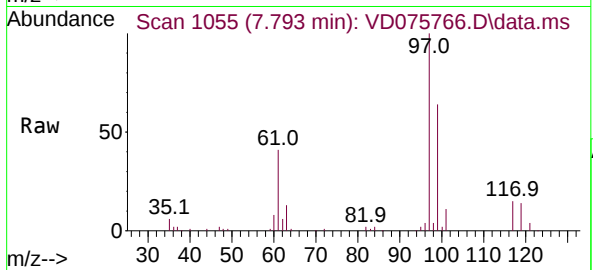
Tgt Ion: 97 Resp: 183864

Ion Ratio Lower Upper

97 100

99 64.0 51.5 77.3

61 41.3 32.1 48.1



#31

Carbon tetrachloride

Concen: 26.129 ug/L

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075766.D

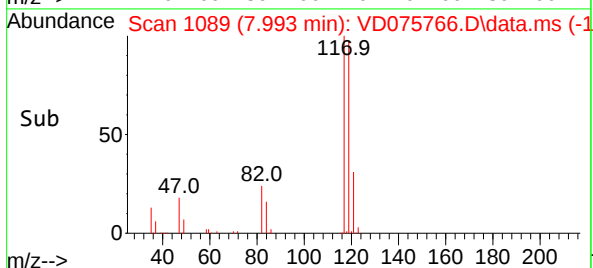
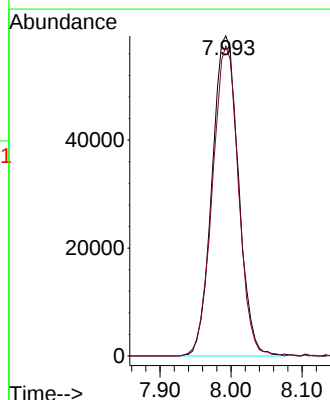
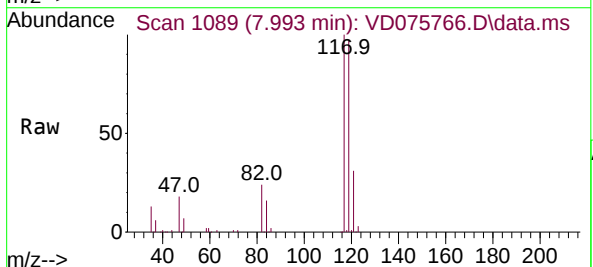
Acq: 20 Apr 2023 17:28

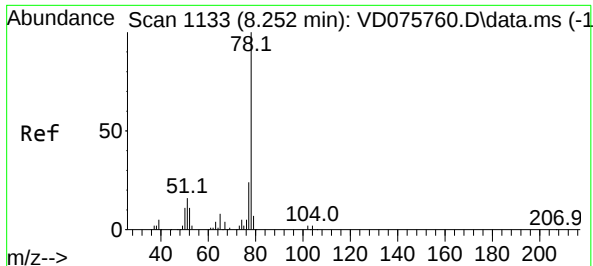
Tgt Ion: 117 Resp: 152599

Ion Ratio Lower Upper

117 100

119 95.8 78.2 117.4

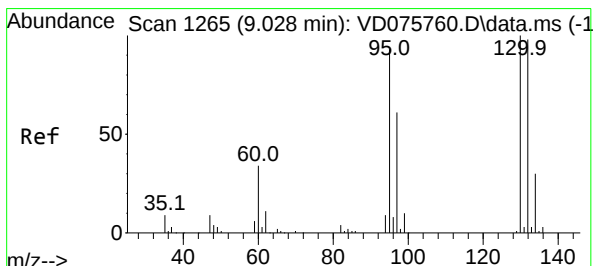
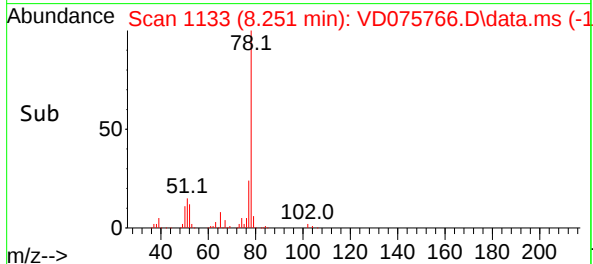
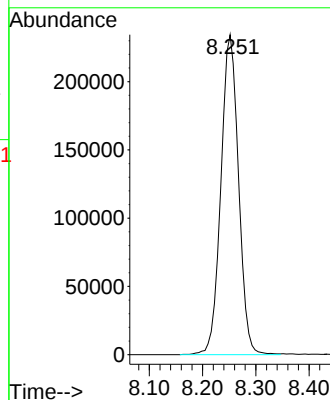
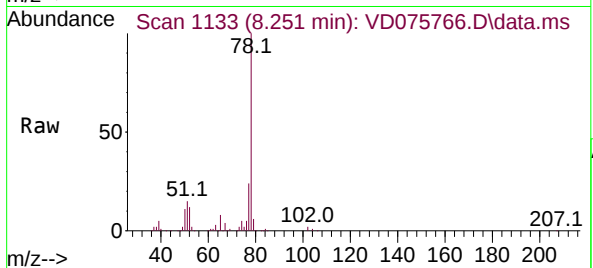




#33
Benzene
Concen: 25.929 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

Instrument :
MSVOA_D
ClientSampleId :
VICV130

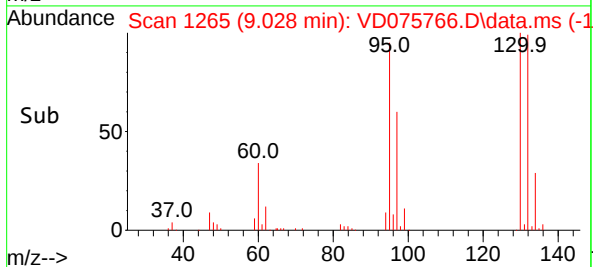
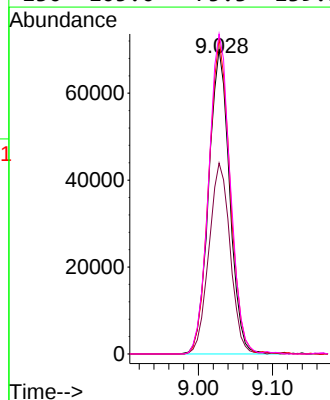
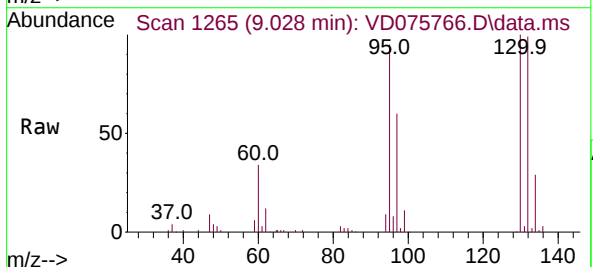
Tgt Ion: 78 Resp: 539619

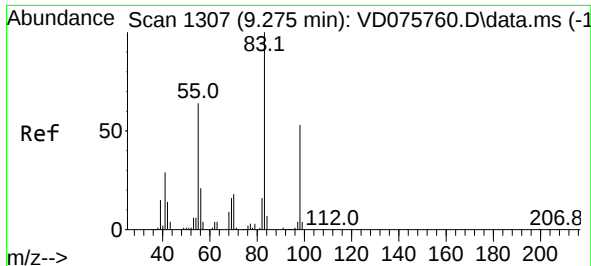


#34
Trichloroethene
Concen: 25.451 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

Tgt Ion: 95 Resp: 136977

Ion	Ratio	Lower	Upper
95	100		
97	62.6	46.0	85.4
132	103.6	73.3	136.1
130	105.0	75.3	139.9





#35

Methylcyclohexane

Concen: 27.062 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075766.D

Acq: 20 Apr 2023 17:28

Instrument :

MSVOA_D

ClientSampleId :

VICV130

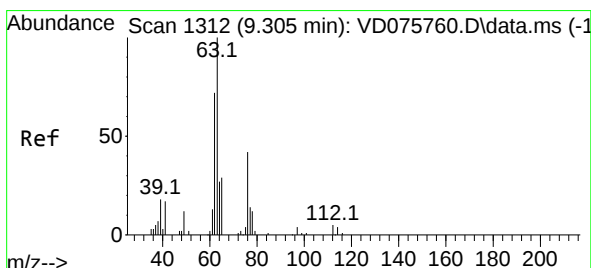
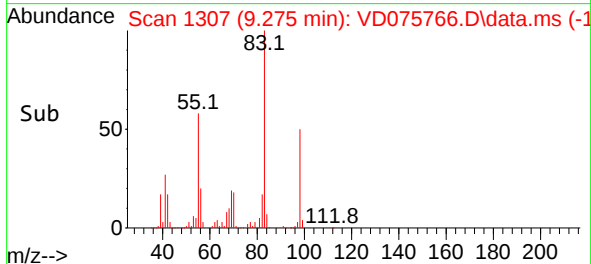
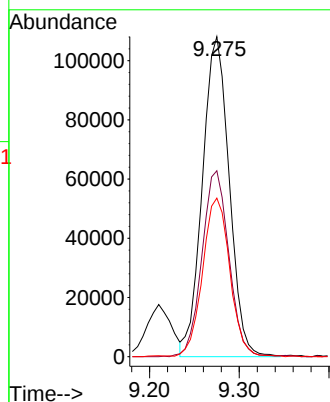
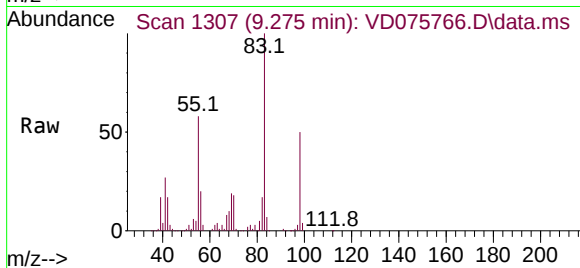
Tgt Ion: 83 Resp: 224553

Ion Ratio Lower Upper

83 100

55 58.0 48.2 72.2

98 50.3 40.8 61.2



#37

1,2-Dichloropropane

Concen: 25.970 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD075766.D

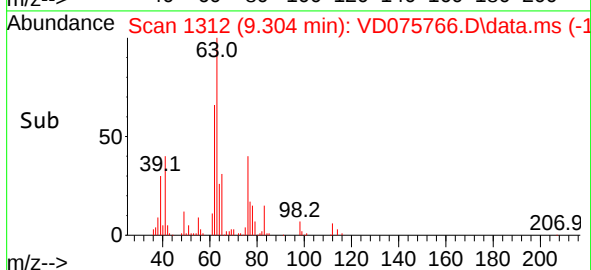
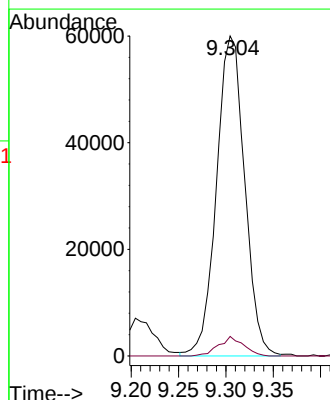
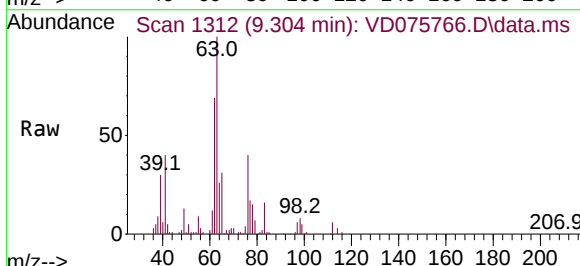
Acq: 20 Apr 2023 17:28

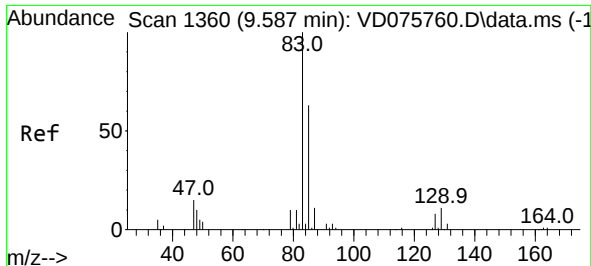
Tgt Ion: 63 Resp: 124151

Ion Ratio Lower Upper

63 100

112 5.4 4.0 6.0

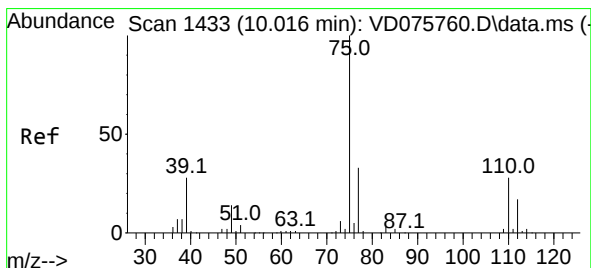
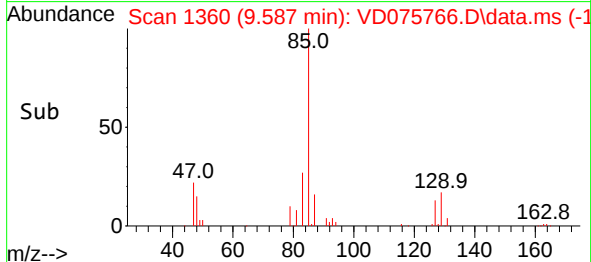
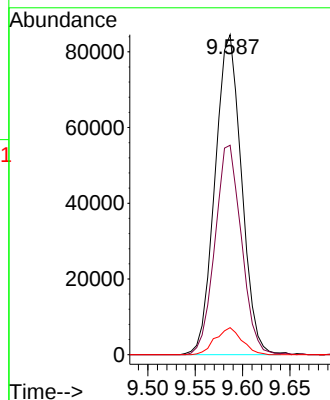
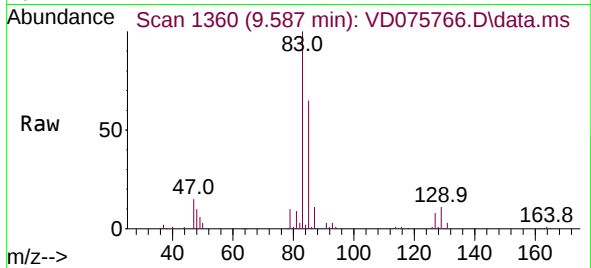




#38
Bromodichloromethane
Concen: 25.573 ug/L
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

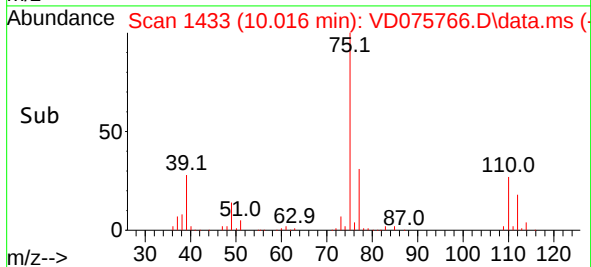
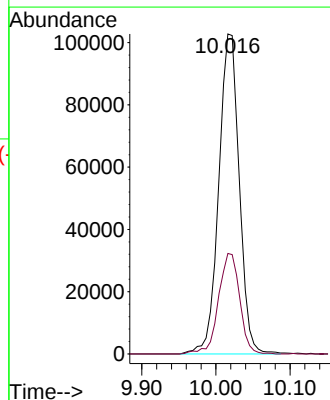
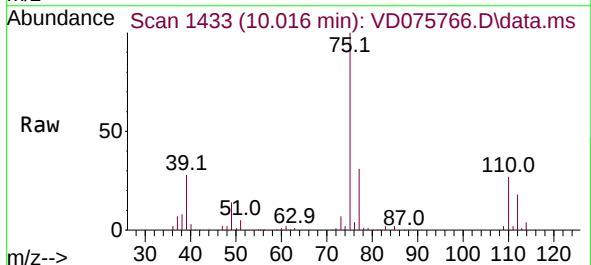
Instrument :
MSVOA_D
ClientSampleId :
VICV130

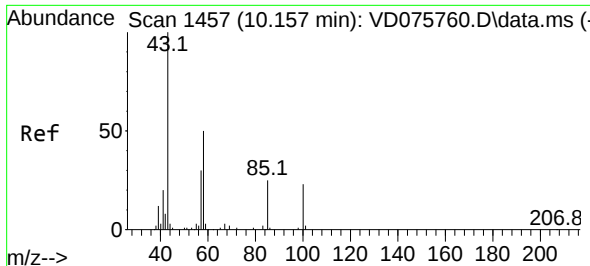
Tgt Ion: 83 Resp: 164839
Ion Ratio Lower Upper
83 100
85 65.4 44.2 82.2
127 8.4 6.3 9.5



#39
cis-1,3-Dichloropropene
Concen: 25.988 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

Tgt Ion: 75 Resp: 197583
Ion Ratio Lower Upper
75 100
77 31.4 23.4 43.6

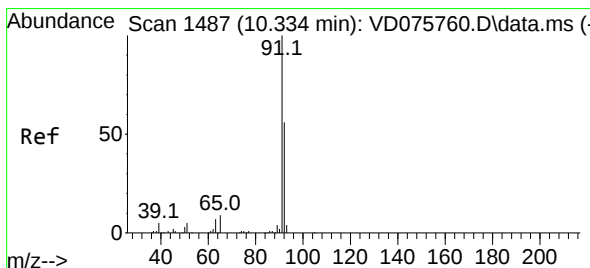
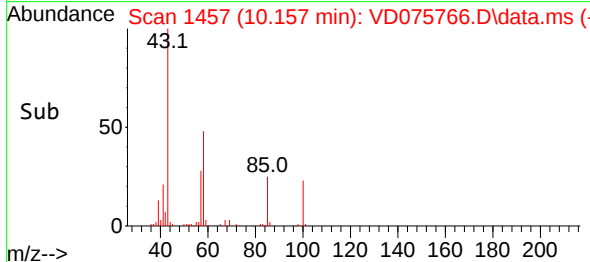
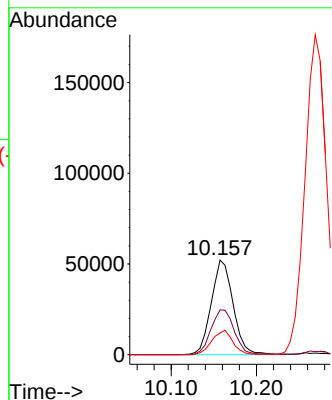
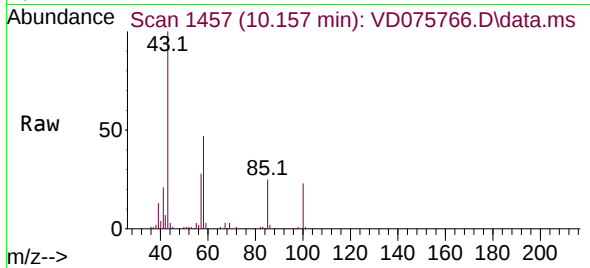




#40
4-Methyl-2-pentanone
Concen: 53.286 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

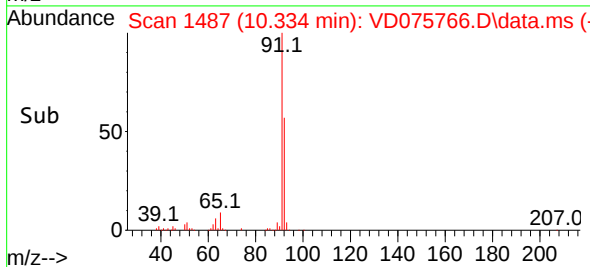
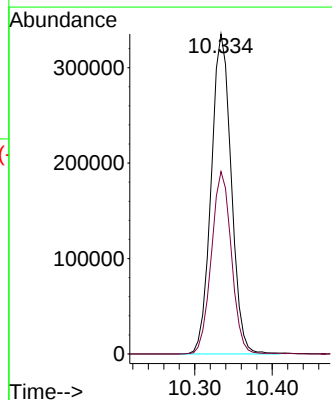
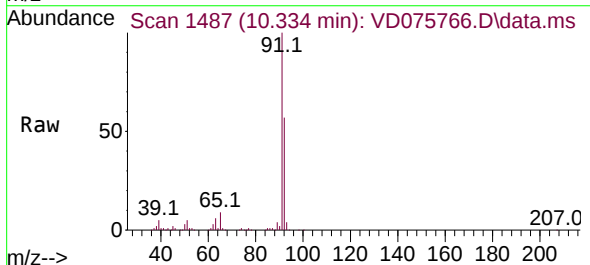
Instrument :
MSVOA_D
ClientSampleId :
VICV130

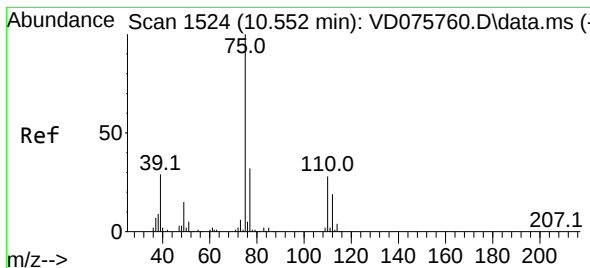
Tgt Ion: 43 Resp: 92877
Ion Ratio Lower Upper
43 100
58 50.1 39.1 58.7
100 24.9 19.4 29.0



#42
Toluene
Concen: 26.723 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

Tgt Ion: 91 Resp: 601832
Ion Ratio Lower Upper
91 100
92 57.0 39.3 72.9





#44

trans-1,3-Dichloropropene

Concen: 26.270 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.006 min

Lab File: VD075766.D

Acq: 20 Apr 2023 17:28

Instrument :

MSVOA_D

ClientSampleId :

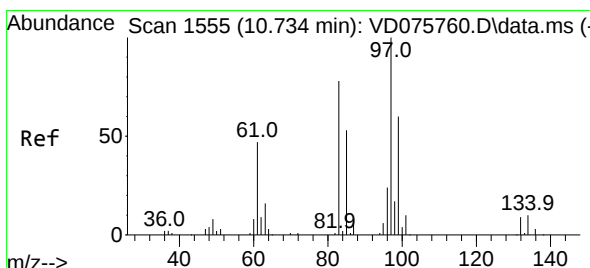
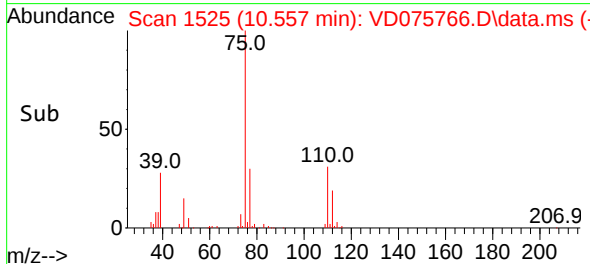
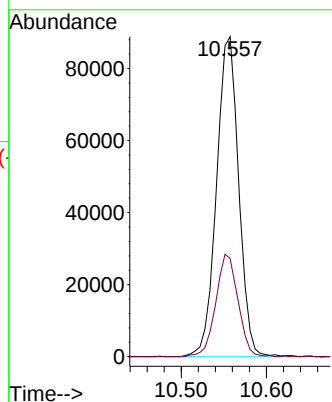
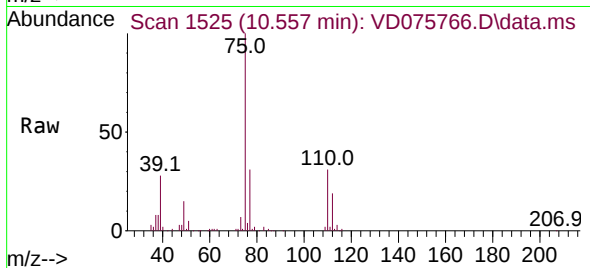
VICV130

Tgt Ion: 75 Resp: 160450

Ion Ratio Lower Upper

75 100

77 30.7 22.0 41.0



#45

1,1,2-Trichloroethane

Concen: 25.521 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD075766.D

Acq: 20 Apr 2023 17:28

Tgt Ion: 97 Resp: 103794

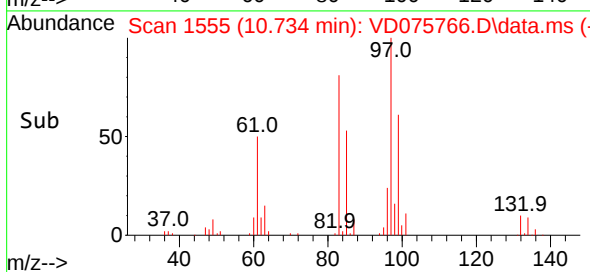
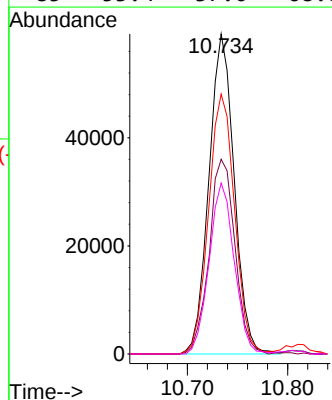
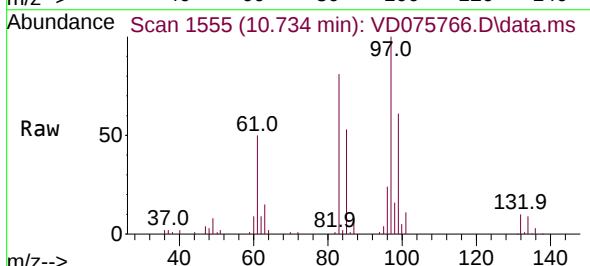
Ion Ratio Lower Upper

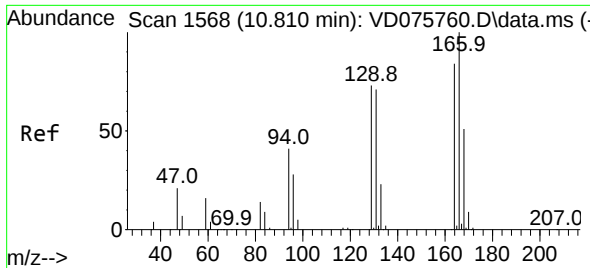
97 100

99 60.8 42.2 78.4

83 81.2 54.8 101.8

85 53.4 37.0 68.8

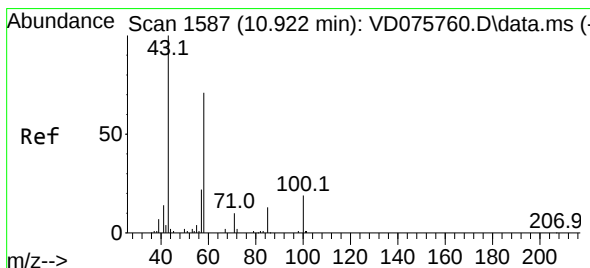
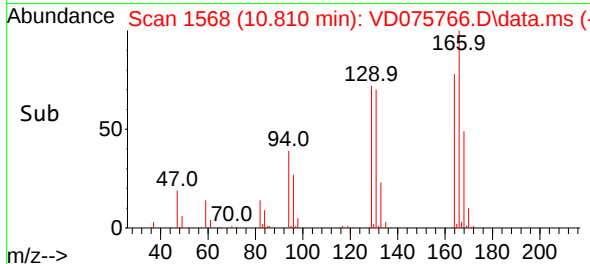
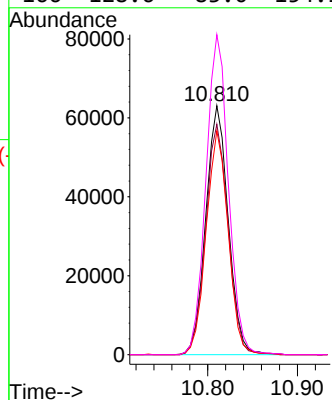
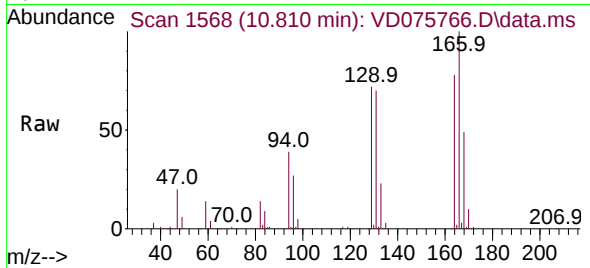




#46
Tetrachloroethene
Concen: 24.921 ug/L
RT: 10.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

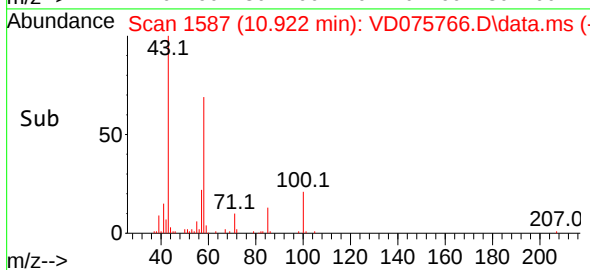
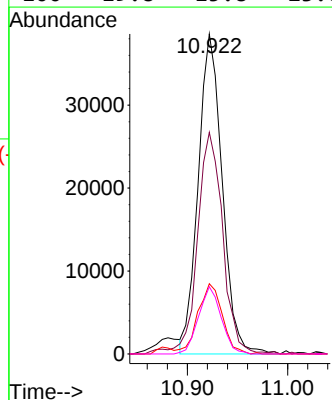
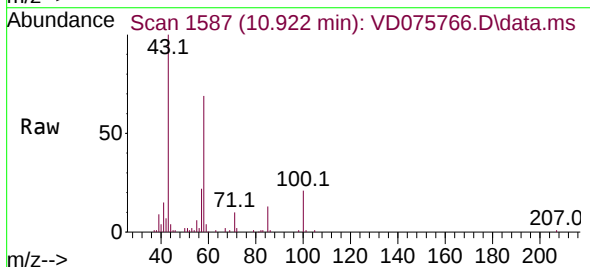
Instrument :
MSVOA_D
ClientSampleId :
VICV130

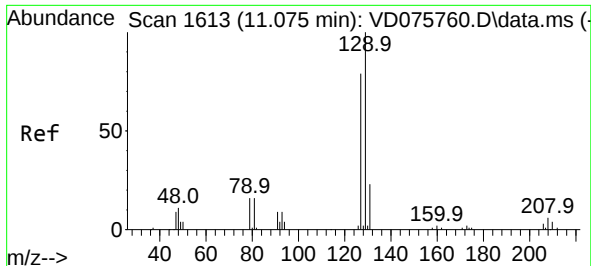
Tgt Ion:164 Resp: 110011
Ion Ratio Lower Upper
164 100
129 92.6 60.3 112.1
131 90.0 58.9 109.3
166 128.6 83.0 154.1



#48
2-Hexanone
Concen: 52.349 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

Tgt Ion: 43 Resp: 64325
Ion Ratio Lower Upper
43 100
58 71.7 59.7 89.5
57 22.3 17.9 26.9
100 19.8 15.8 23.6





#49

Dibromochloromethane

Concen: 25.748 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD075766.D

Acq: 20 Apr 2023 17:28

Instrument :

MSVOA_D

ClientSampleId :

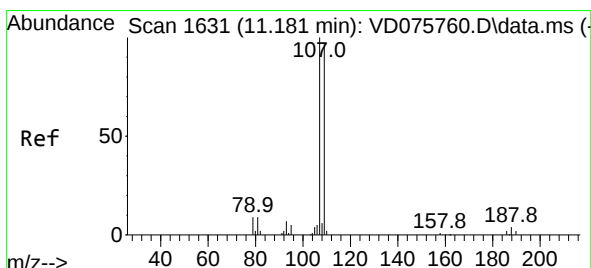
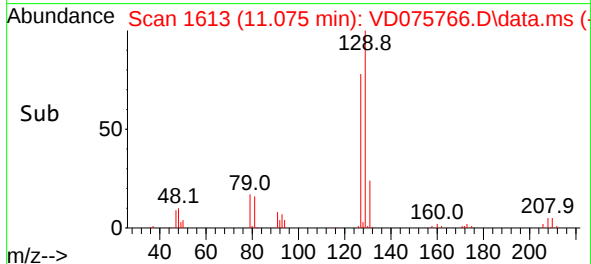
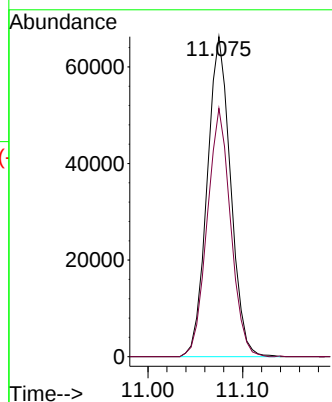
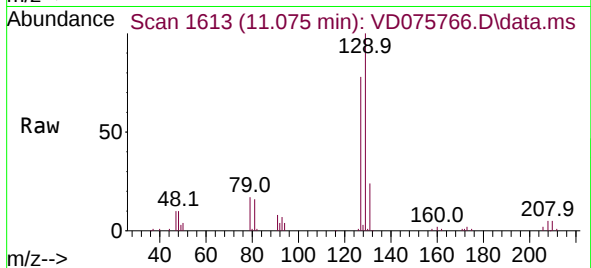
VICV130

Tgt Ion:129 Resp: 114002

Ion Ratio Lower Upper

129 100

127 77.6 55.6 103.4



#50

1,2-Dibromoethane

Concen: 26.111 ug/L

RT: 11.181 min Scan# 1631

Delta R.T. -0.000 min

Lab File: VD075766.D

Acq: 20 Apr 2023 17:28

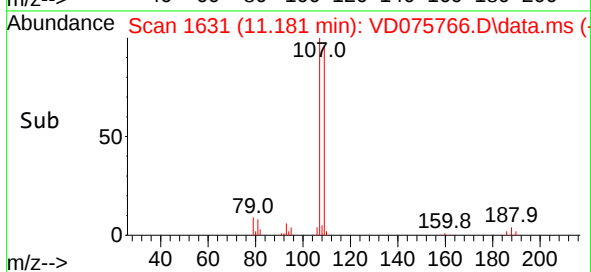
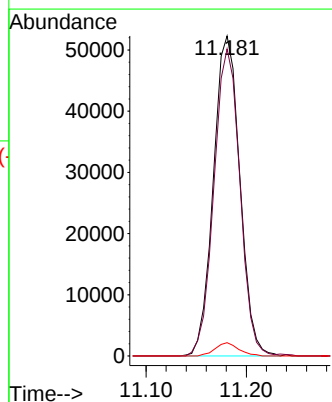
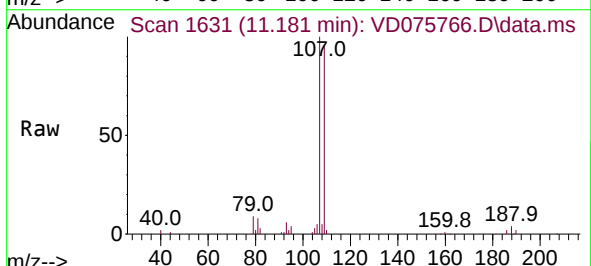
Tgt Ion:107 Resp: 95742

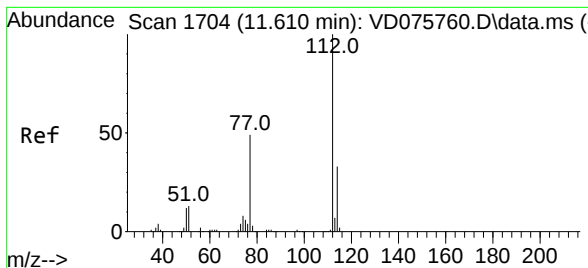
Ion Ratio Lower Upper

107 100

109 95.9 67.6 125.6

188 4.1 3.0 4.6





#51

Chlorobenzene

Concen: 25.660 ug/L

RT: 11.610 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VD075766.D

Acq: 20 Apr 2023 17:28

Instrument :

MSVOA_D

ClientSampleId :

VICV130

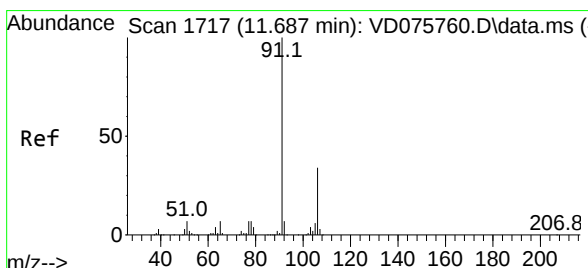
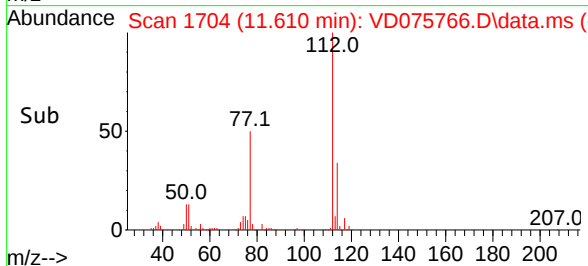
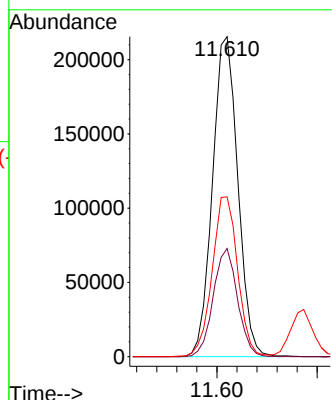
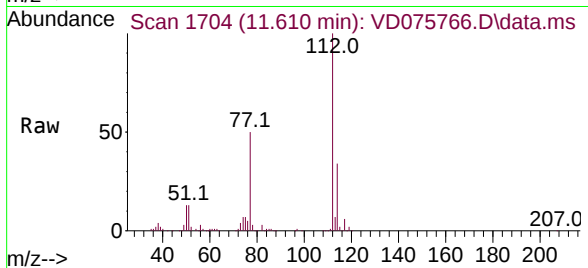
Tgt Ion:112 Resp: 378069

Ion Ratio Lower Upper

112 100

114 33.8 23.0 42.8

77 50.0 39.7 59.5



#52

Ethylbenzene

Concen: 26.791 ug/L

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD075766.D

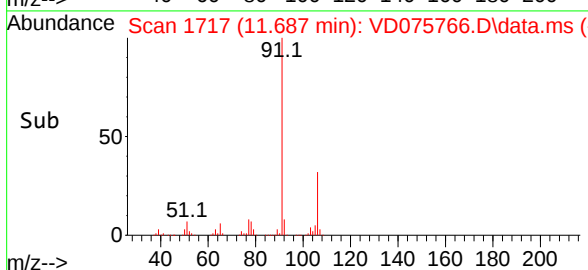
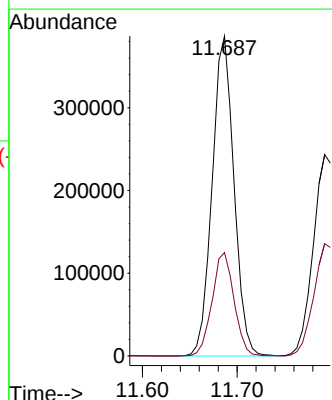
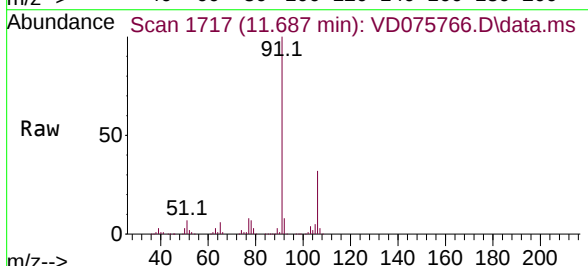
Acq: 20 Apr 2023 17:28

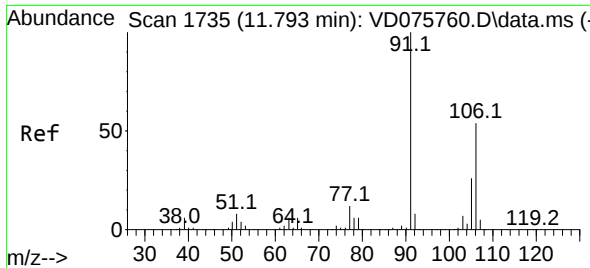
Tgt Ion: 91 Resp: 618721

Ion Ratio Lower Upper

91 100

106 32.3 23.7 43.9

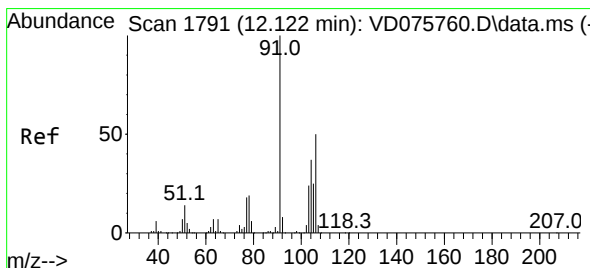
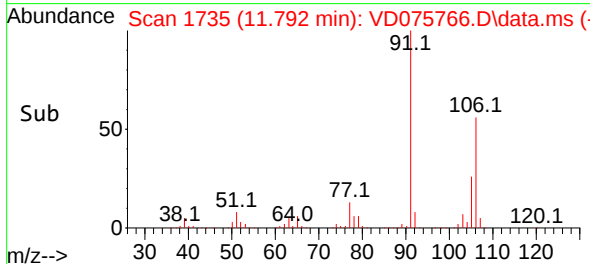
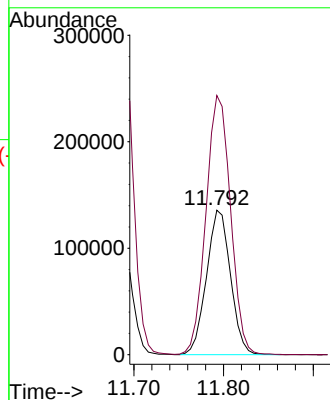
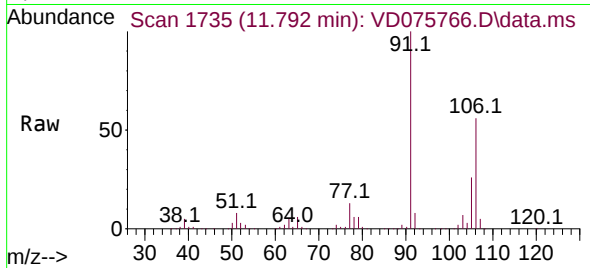




#53
m,p-Xylene
Concen: 27.388 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

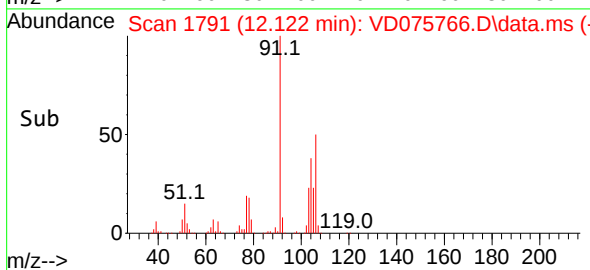
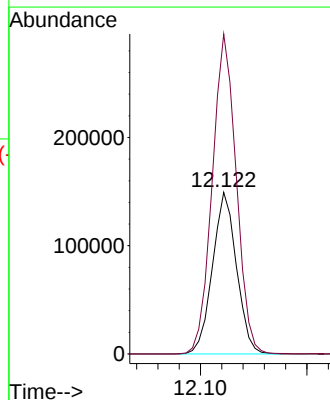
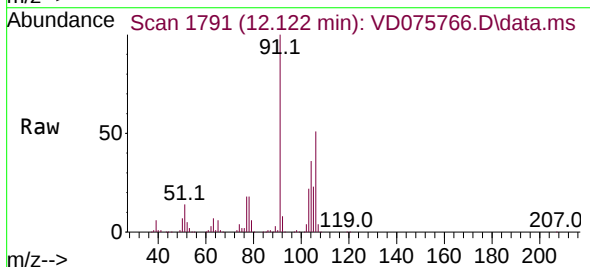
Instrument :
MSVOA_D
ClientSampleId :
VICV130

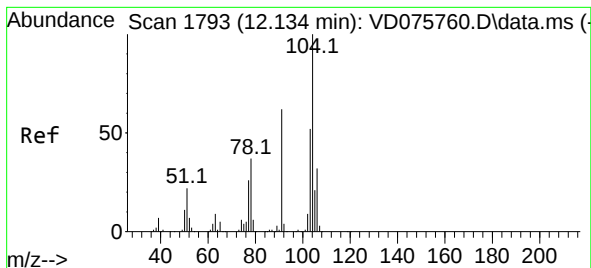
Tgt Ion:106 Resp: 251856
Ion Ratio Lower Upper
106 100
91 179.3 130.9 243.1



#54
o-Xylene
Concen: 26.777 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

Tgt Ion:106 Resp: 233883
Ion Ratio Lower Upper
106 100
91 198.0 139.8 259.6





#55

Styrene

Concen: 27.401 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD075766.D

Acq: 20 Apr 2023 17:28

Instrument :

MSVOA_D

ClientSampleId :

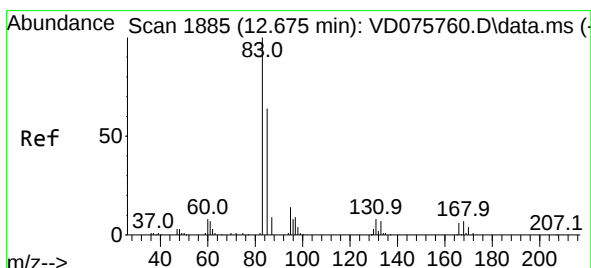
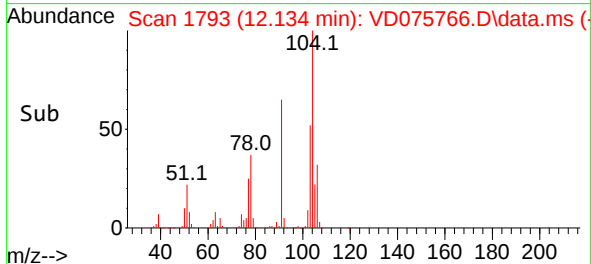
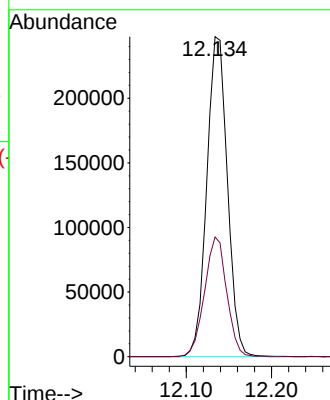
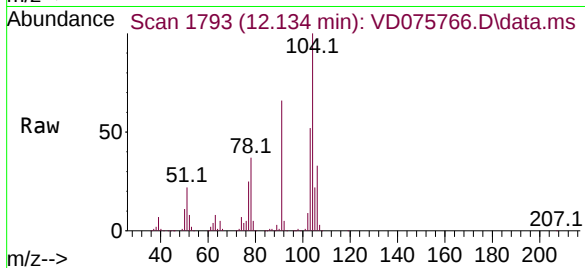
VICV130

Tgt Ion:104 Resp: 416553

Ion Ratio Lower Upper

104 100

78 37.4 26.2 48.6



#57

1,1,2,2-Tetrachloroethane

Concen: 26.130 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075766.D

Acq: 20 Apr 2023 17:28

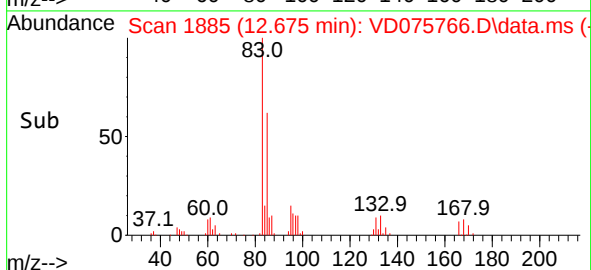
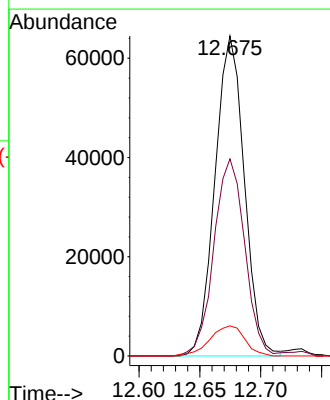
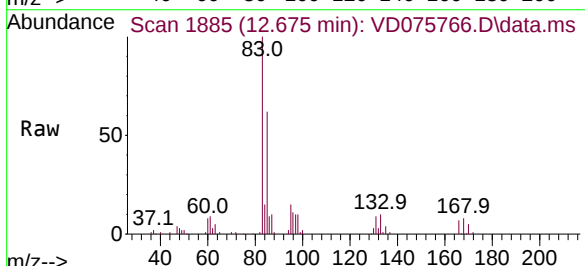
Tgt Ion: 83 Resp: 108129

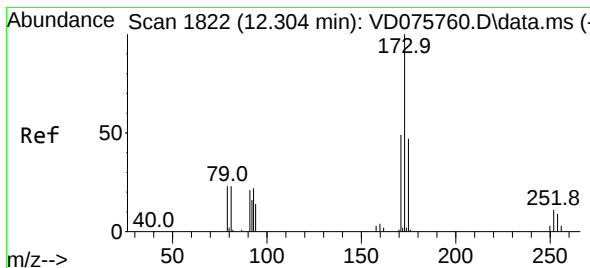
Ion Ratio Lower Upper

83 100

85 61.6 45.1 83.7

131 9.4 7.0 10.6





#59

Bromoform

Concen: 25.824 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. -0.006 min

Lab File: VD075766.D

Acq: 20 Apr 2023 17:28

Instrument :

MSVOA_D

ClientSampleId :

VICV130

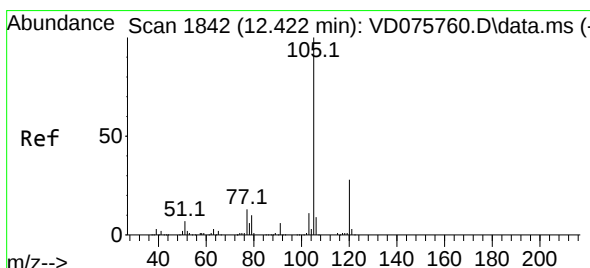
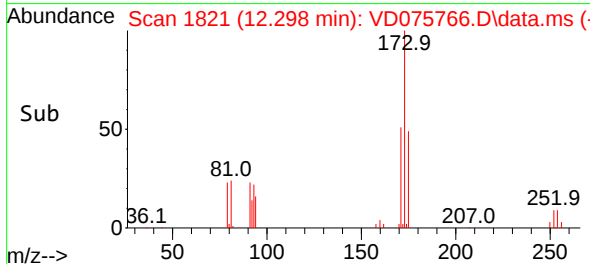
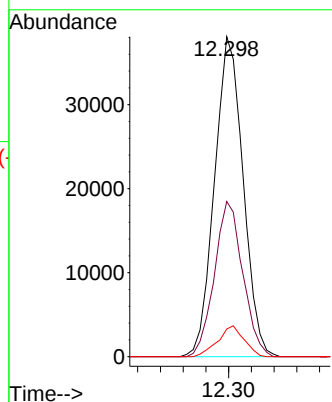
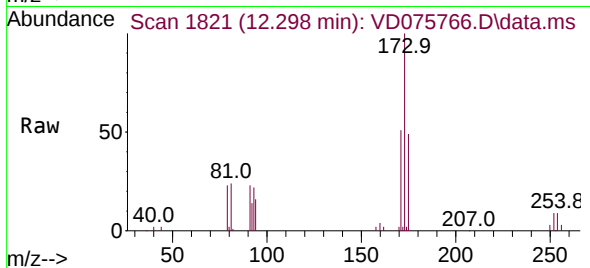
Tgt Ion:173 Resp: 66553

Ion Ratio Lower Upper

173 100

175 48.1 39.4 59.0

254 8.9 7.4 11.2



#60

Isopropylbenzene

Concen: 26.829 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD075766.D

Acq: 20 Apr 2023 17:28

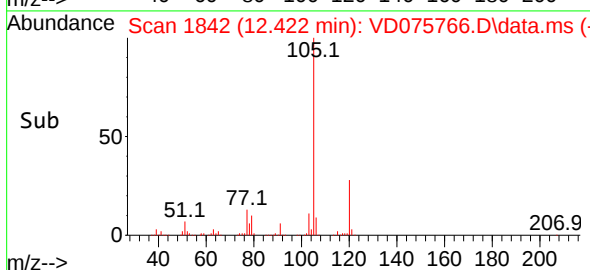
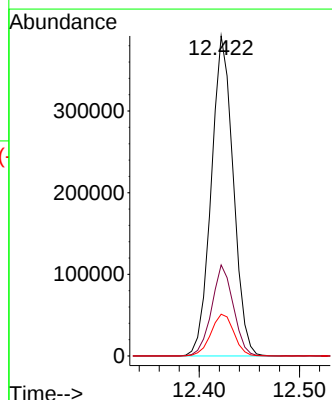
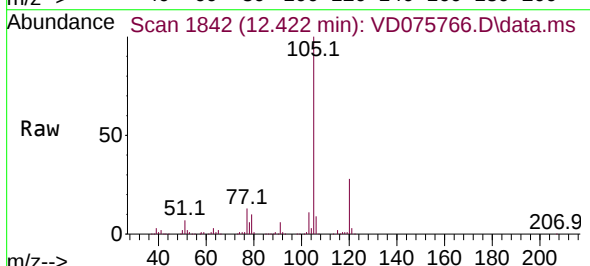
Tgt Ion:105 Resp: 598217

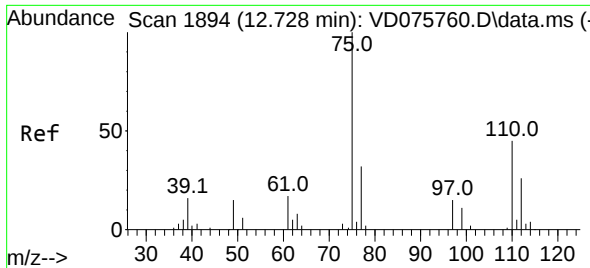
Ion Ratio Lower Upper

105 100

120 28.0 22.7 34.1

77 13.6 10.9 16.3

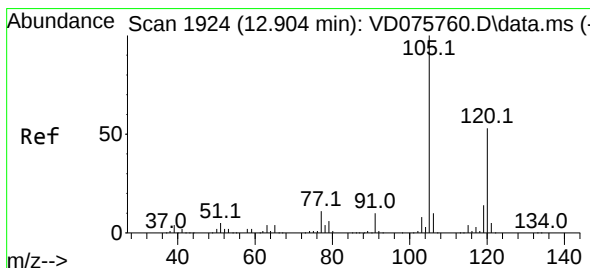
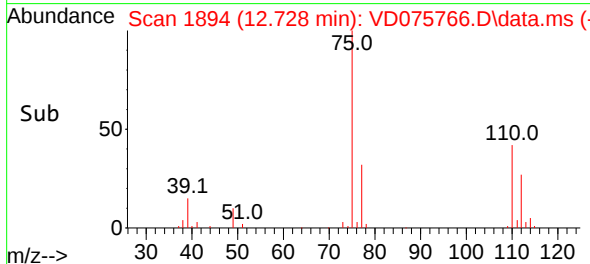
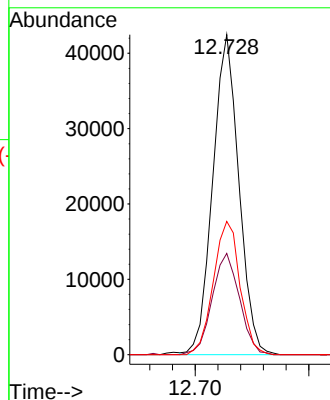
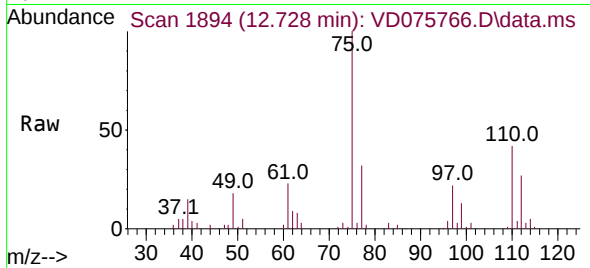




#61
1,2,3-Trichloropropane
Concen: 25.655 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

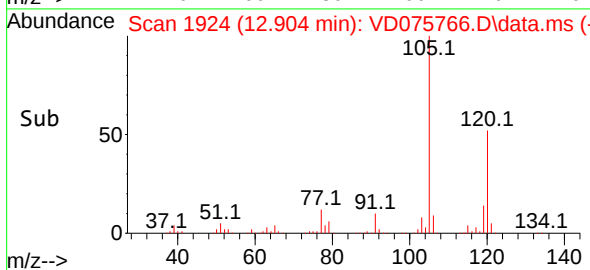
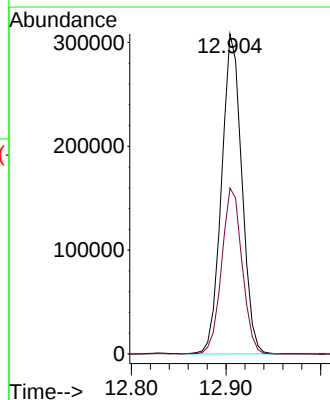
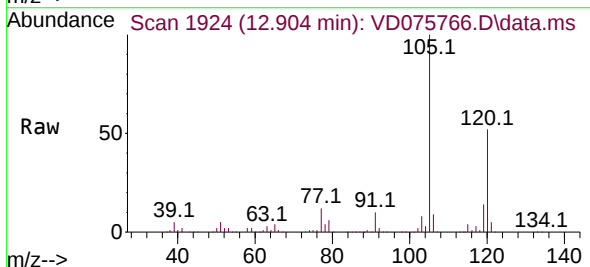
Instrument :
MSVOA_D
ClientSampleId :
VICV130

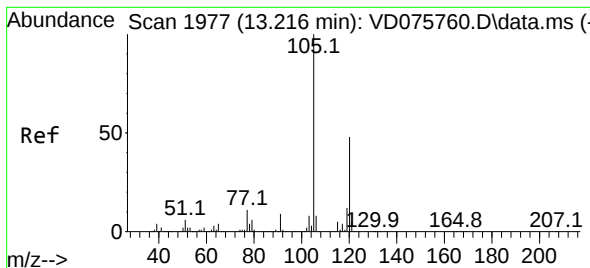
Tgt Ion: 75 Resp: 67771
Ion Ratio Lower Upper
75 100
77 33.2 26.6 39.8
110 42.5 33.5 50.3



#62
1,3,5-Trimethylbenzene
Concen: 27.529 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

Tgt Ion: 105 Resp: 457713
Ion Ratio Lower Upper
105 100
120 52.4 42.0 63.0





#63

1,2,4-Trimethylbenzene

Concen: 27.853 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD075766.D

Acq: 20 Apr 2023 17:28

Instrument :

MSVOA_D

ClientSampleId :

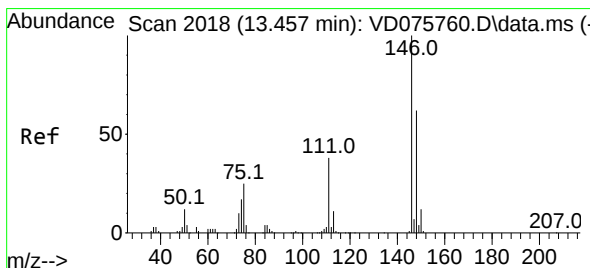
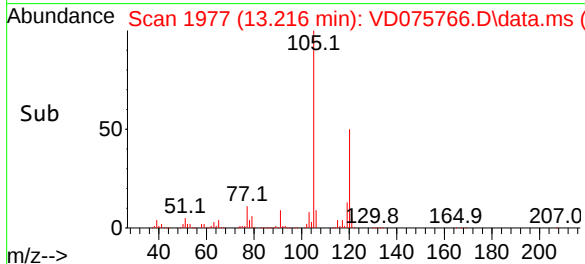
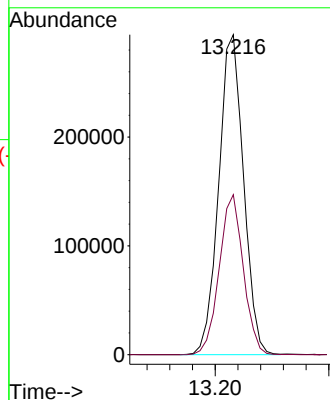
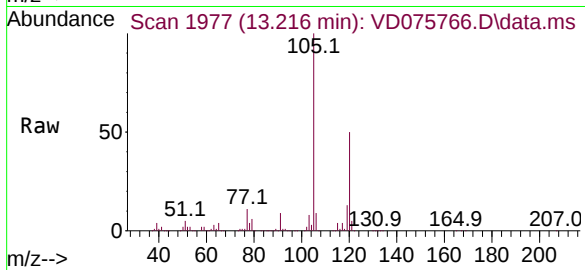
VICV130

Tgt Ion:105 Resp: 446414

Ion Ratio Lower Upper

105 100

120 48.4 39.0 58.6



#64

1,3-Dichlorobenzene

Concen: 25.233 ug/L

RT: 13.457 min Scan# 1818

Delta R.T. -0.000 min

Lab File: VD075766.D

Acq: 20 Apr 2023 17:28

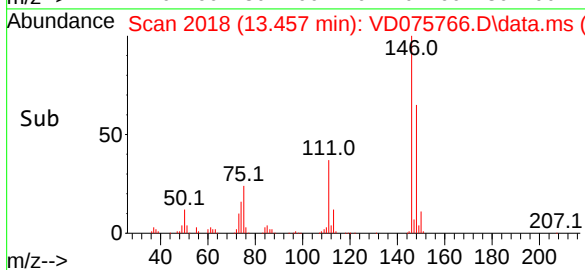
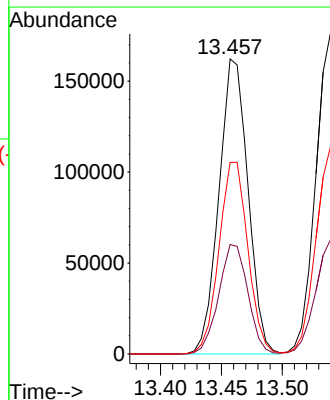
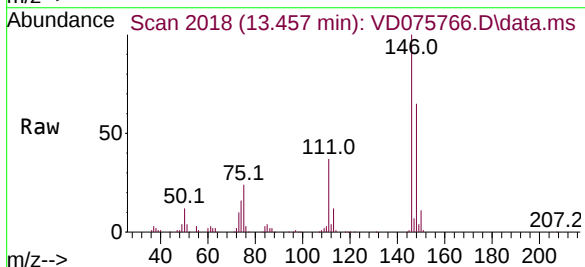
Tgt Ion:146 Resp: 269204

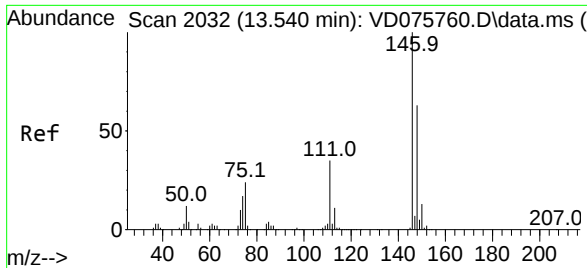
Ion Ratio Lower Upper

146 100

111 37.1 26.5 49.1

148 64.9 43.8 81.3

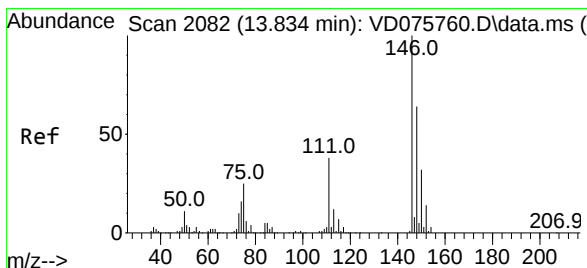
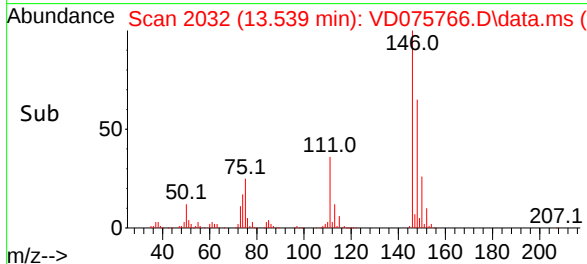
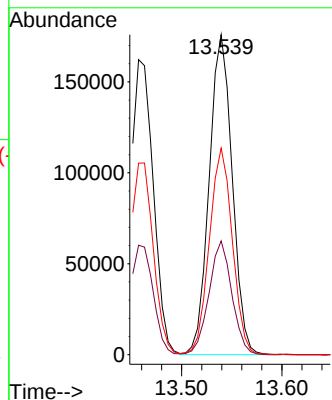
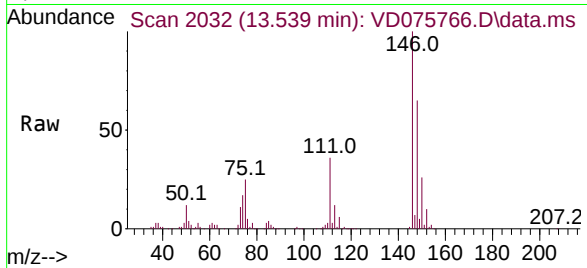




#65
1,4-Dichlorobenzene
Concen: 25.113 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

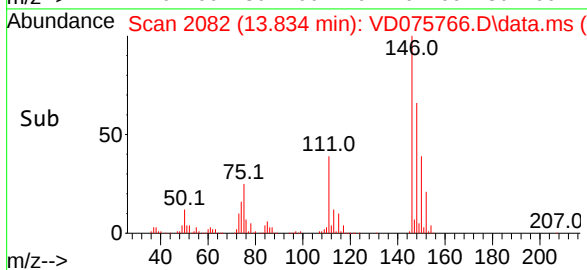
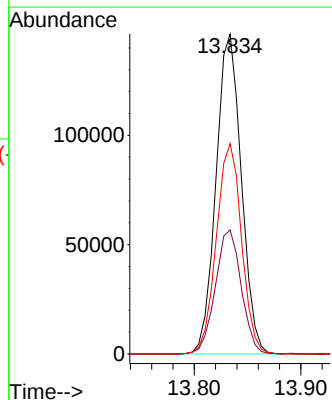
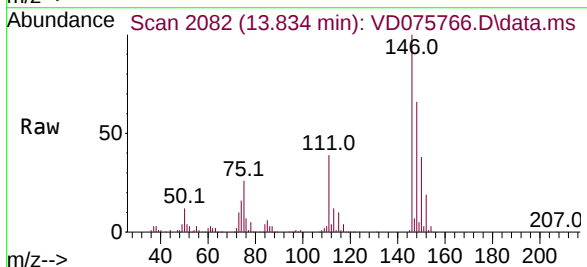
Instrument :
MSVOA_D
ClientSampleId :
VICV130

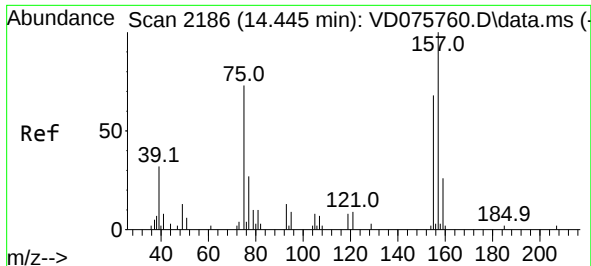
Tgt Ion:146 Resp: 281185
Ion Ratio Lower Upper
146 100
111 35.6 24.6 45.8
148 64.5 44.4 82.4



#67
1,2-Dichlorobenzene
Concen: 25.288 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

Tgt Ion:146 Resp: 240925
Ion Ratio Lower Upper
146 100
111 38.8 30.6 46.0
148 65.8 51.4 77.0

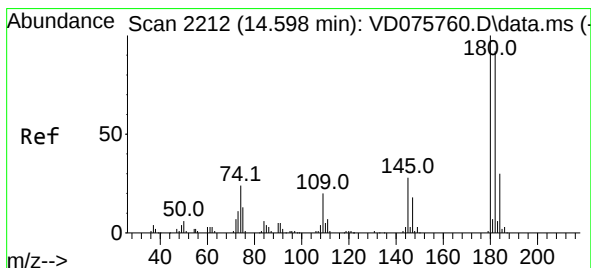
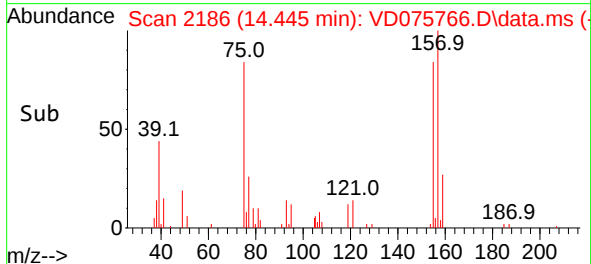
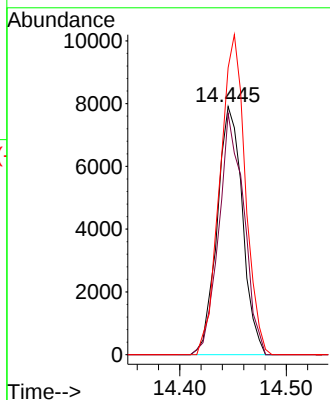
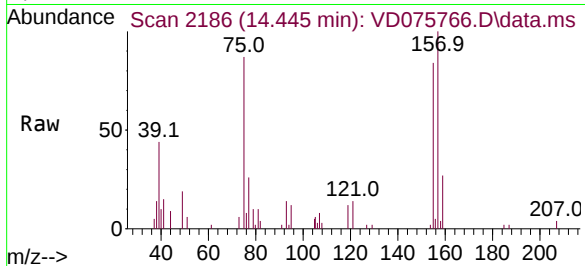




#68
1,2-Dibromo-3-chloropropane
Concen: 24.653 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

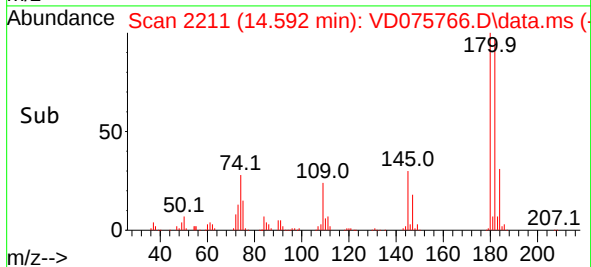
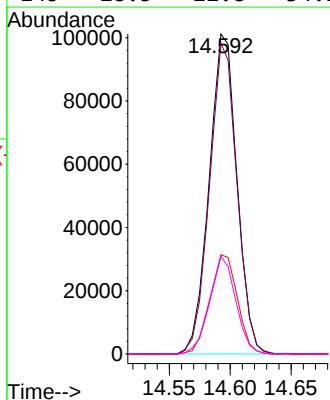
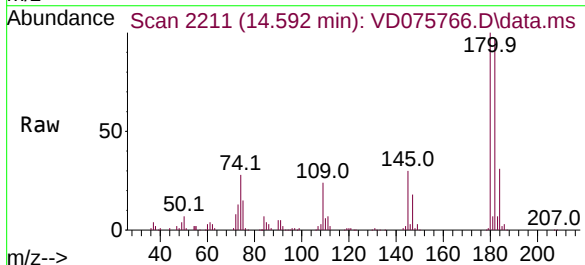
Instrument :
MSVOA_D
ClientSampleId :
VICV130

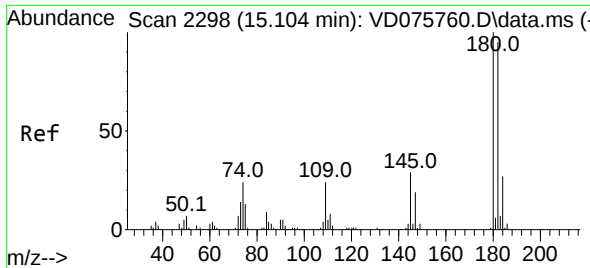
Tgt Ion: 75 Resp: 13019
Ion Ratio Lower Upper
75 100
155 97.2 74.6 111.8
157 115.5 109.4 164.2



#69
1,3,5-Trichlorobenzene
Concen: 22.454 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. -0.006 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

Tgt Ion:180 Resp: 160561
Ion Ratio Lower Upper
180 100
182 95.6 74.9 112.3
184 30.7 25.0 37.4
145 28.5 22.8 34.2

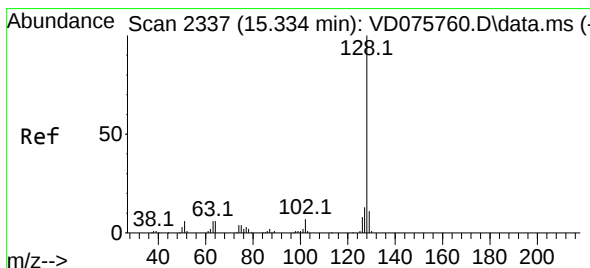
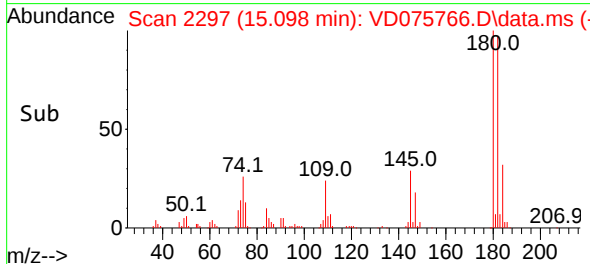
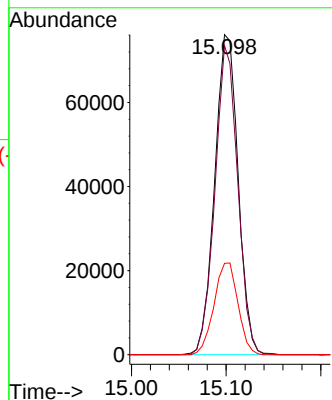
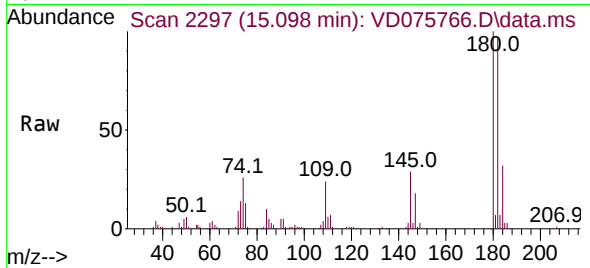




#70
1,2,4-trichlorobenzene
Concen: 22.151 ug/L
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

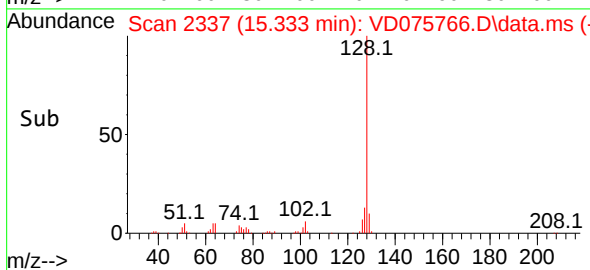
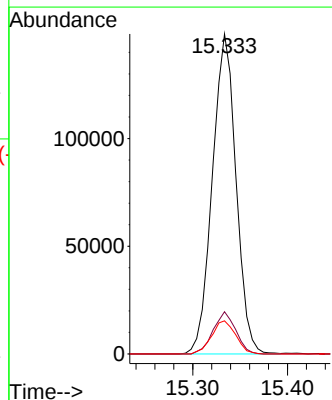
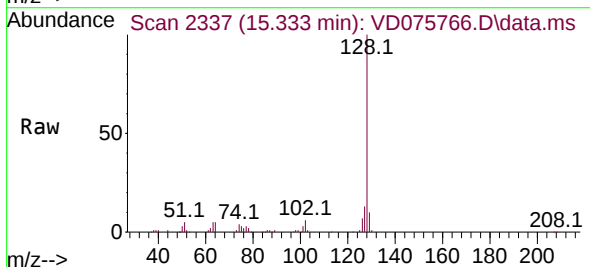
Instrument :
MSVOA_D
ClientSampleId :
VICV130

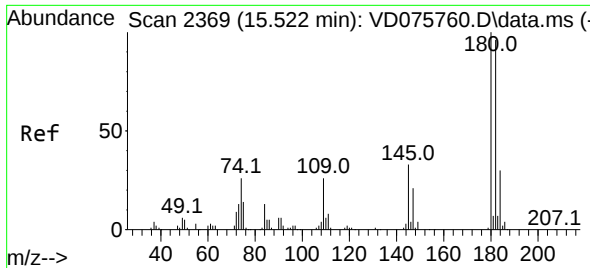
Tgt Ion:180 Resp: 131265
Ion Ratio Lower Upper
180 100
182 93.7 75.4 113.2
145 29.2 23.6 35.4



#71
Naphthalene
Concen: 23.810 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD075766.D
Acq: 20 Apr 2023 17:28

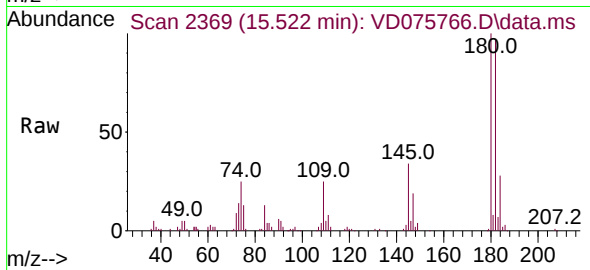
Tgt Ion:128 Resp: 258200
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.5 9.1 13.7





#72
 1,2,3-Trichlorobenzene
 Concen: 23.180 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD075766.D
 Acq: 20 Apr 2023 17:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VICV130



Tgt Ion:	180	Resp:	122615
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.3	114.5
145	30.4	25.0	37.6

