

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112123\
 Data File : VW033040.D
 Acq On : 21 Nov 2023 08:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 03:46:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM112023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 20 23:40:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	358214	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	353763	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	216044	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	75768	40.455	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.900%
7) Chloroethane-d5	1.532	69	58278	40.459	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.920%
11) 1,1-Dichloroethene-d2	2.060	65	32168	41.975	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.960%
21) 2-Butanone-d5	3.780	46	99709	83.674	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.670%
24) Chloroform-d	4.246	84	203216	44.027	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.060%
26) 1,2-Dichloroethane-d4	4.937	65	123952	43.050	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.100%
32) Benzene-d6	4.957	84	368672	44.751	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.500%
36) 1,2-Dichloropropane-d6	5.986	67	104026	44.530	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.060%
41) Toluene-d8	7.243	98	359922	45.767	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.540%
43) trans-1,3-Dichloroprop...	7.551	79	60302	44.216	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.440%
47) 2-Hexanone-d5	8.021	63	83415	86.288	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.290%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	151047	42.477	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.960%
66) 1,2-Dichlorobenzene-d4	11.561	152	169472	43.989	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	167439	43.266	ug/L	97
3) Chloromethane	1.214	50	113817	39.409	ug/L	99
5) Vinyl chloride	1.285	62	109781	40.976	ug/L	98
6) Bromomethane	1.484	94	71669	40.483	ug/L	98
8) Chloroethane	1.548	64	59705	40.291	ug/L	99
9) Trichlorofluoromethane	1.716	101	186976	43.108	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	91529	42.796	ug/L	96
12) 1,1-Dichloroethene	2.069	96	85437	43.265	ug/L	96
13) Acetone	2.108	43	93665	80.335	ug/L	97
14) Carbon disulfide	2.243	76	285416	43.458	ug/L	99
15) Methyl Acetate	2.368	43	83101	40.656	ug/L	98
16) Methylene chloride	2.445	84	115377	41.240	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	111602	44.160	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	345594	43.594	ug/L	99
19) 1,1-Dichloroethane	3.111	63	192265	42.590	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	123817	43.697	ug/L	99
22) 2-Butanone	3.860	43	125491	83.125	ug/L	100
23) Bromochloromethane	4.146	128	68305	43.827	ug/L	99
25) Chloroform	4.272	83	220561	43.409	ug/L	99

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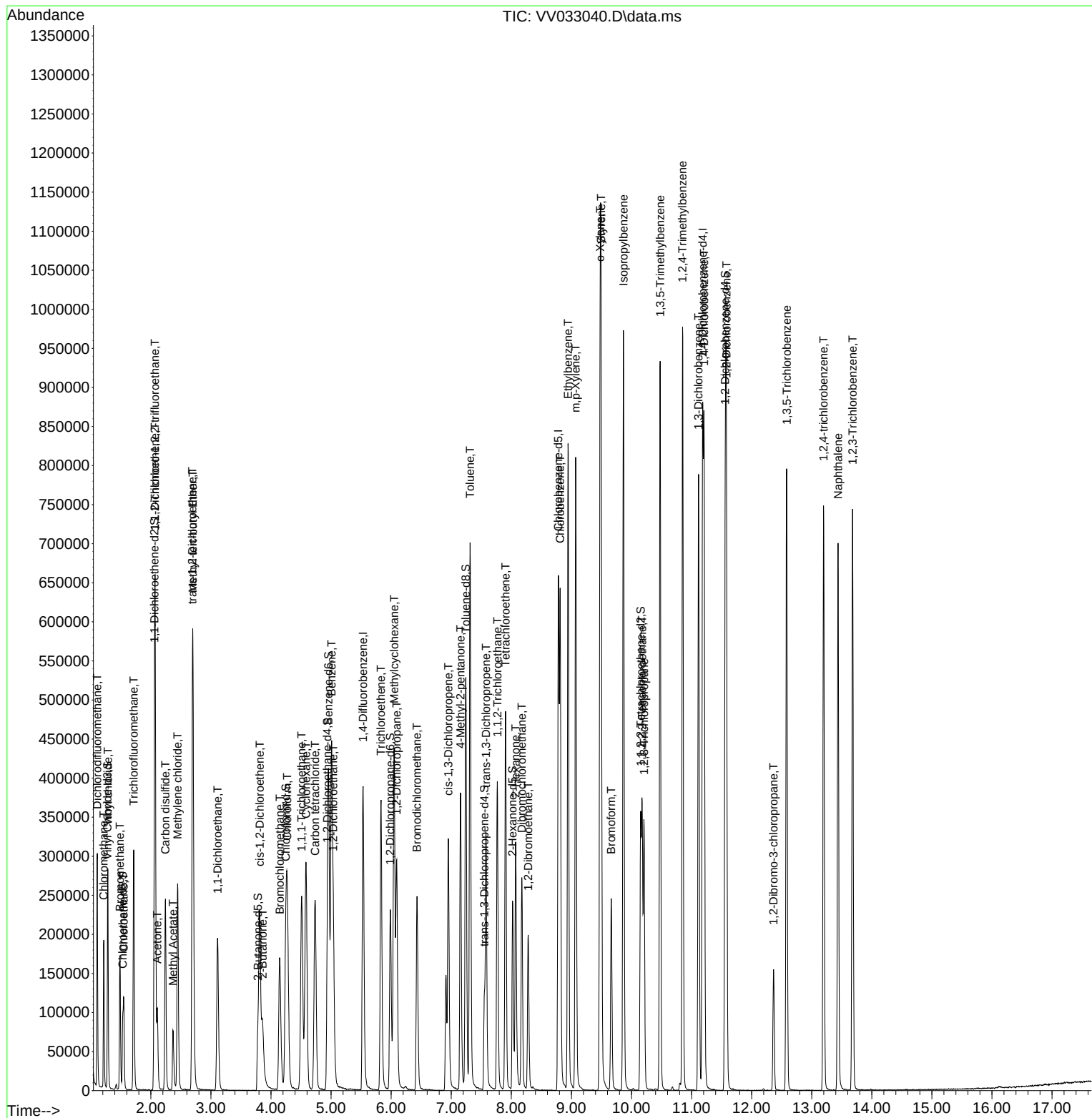
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	174816	44.103	ug/L	97
29) Cyclohexane	4.584	56	157199	46.057	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	209764	45.398	ug/L	99
31) Carbon tetrachloride	4.735	117	193942	45.041	ug/L	100
33) Benzene	5.008	78	449641	45.695	ug/L	100
34) Trichloroethene	5.831	95	127548	45.987	ug/L	99
35) Methylcyclohexane	6.050	83	194074	48.142	ug/L	99
37) 1,2-Dichloropropane	6.092	63	107449	44.488	ug/L	99
38) Bromodichloromethane	6.429	83	164962	43.958	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	191560	46.070	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	229086	86.714	ug/L	98
42) Toluene	7.313	91	503073	46.141	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	187831	44.955	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	119949	44.099	ug/L	99
46) Tetrachloroethene	7.905	164	109888	45.464	ug/L	98
48) 2-Hexanone	8.072	43	180557	86.389	ug/L	98
49) Dibromochloromethane	8.175	129	137414	43.833	ug/L	98
50) 1,2-Dibromoethane	8.281	107	127012	44.585	ug/L	97
51) Chlorobenzene	8.812	112	342521	44.271	ug/L	99
52) Ethylbenzene	8.944	91	575622	45.989	ug/L	100
53) m,p-Xylene	9.072	106	226064	45.970	ug/L	97
54) o-Xylene	9.477	106	219111	46.288	ug/L	98
55) Styrene	9.493	104	395332	46.817	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	162258	42.228	ug/L	98
59) Bromoform	9.664	173	108382	43.046	ug/L	100
60) Isopropylbenzene	9.866	105	614449	46.915	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	129788	41.643	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	493544	46.968	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	521855	47.406	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	320887	45.731	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	323726	43.403	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	313948	44.589	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	35855	39.546	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	251717	46.142	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	229957	45.997	ug/L	99
71) Naphthalene	13.439	128	553894	44.794	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	225909	46.606	ug/L	99

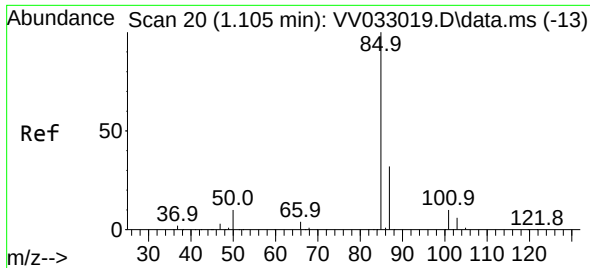
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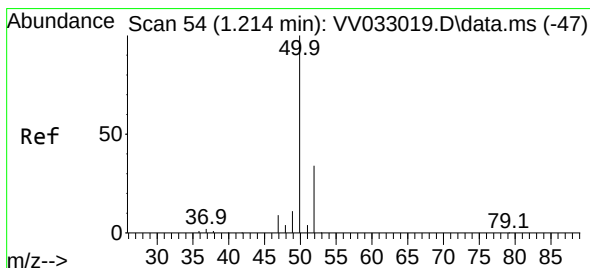
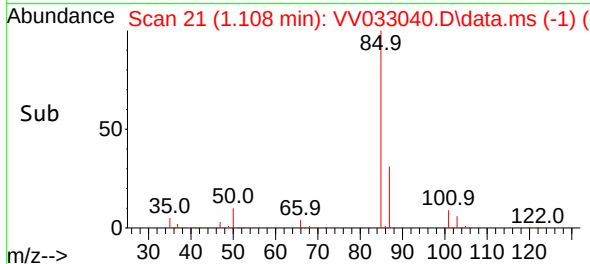
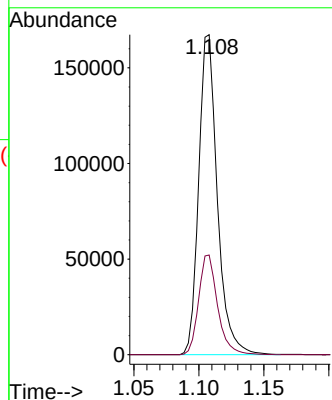
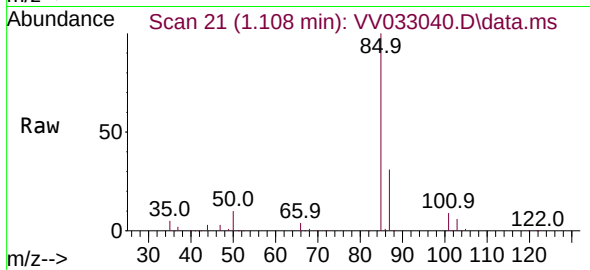




#2
Dichlorodifluoromethane
Concen: 43.266 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

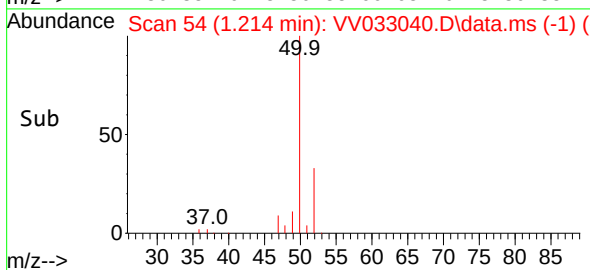
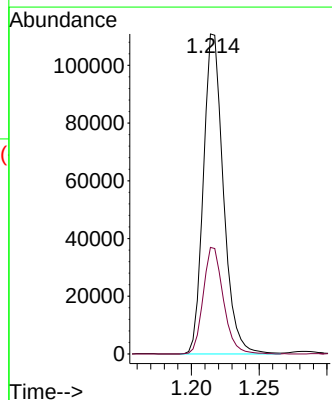
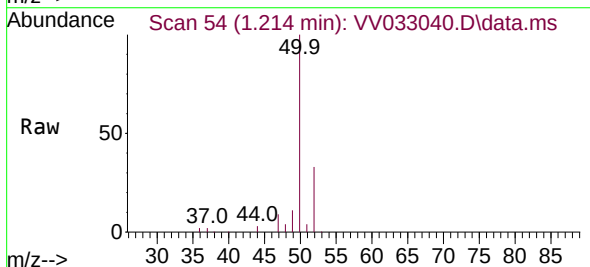
Instrument :
MSVOA_V
ClientSampleId :

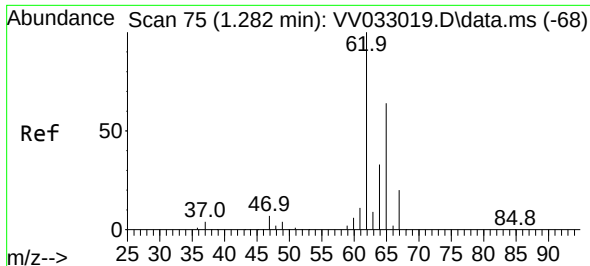
Tgt Ion: 85 Resp: 167439
Ion Ratio Lower Upper
85 100
87 31.7 26.8 40.2



#3
Chloromethane
Concen: 39.409 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

Tgt Ion: 50 Resp: 113817
Ion Ratio Lower Upper
50 100
52 33.3 22.7 42.3

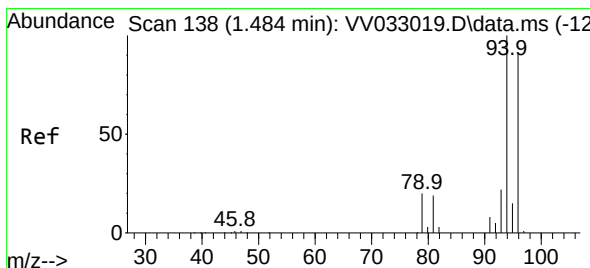
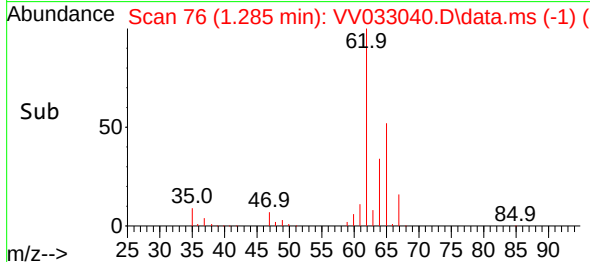
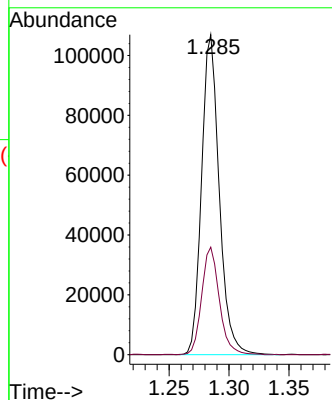
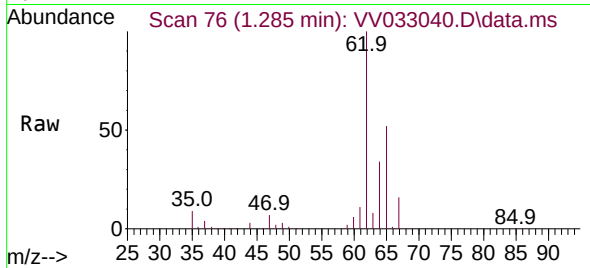




#5
 Vinyl chloride
 Concen: 40.976 ug/L
 RT: 1.285 min Scan# 75
 Delta R.T. 0.003 min
 Lab File: VV033040.D
 Acq: 21 Nov 2023 08:46

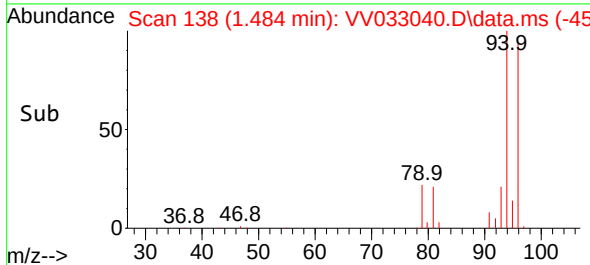
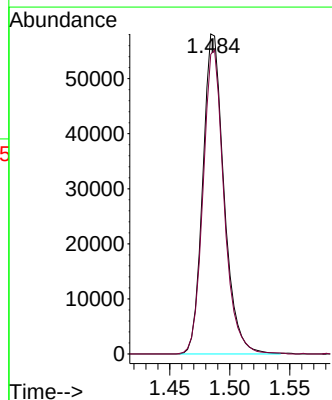
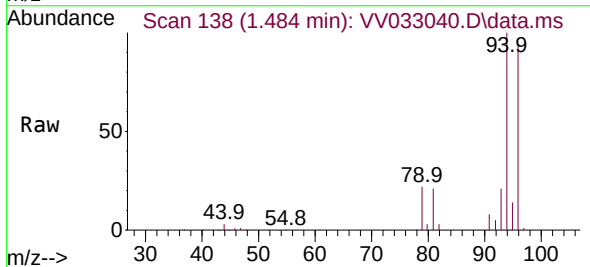
Instrument :
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 ClientSampleId :

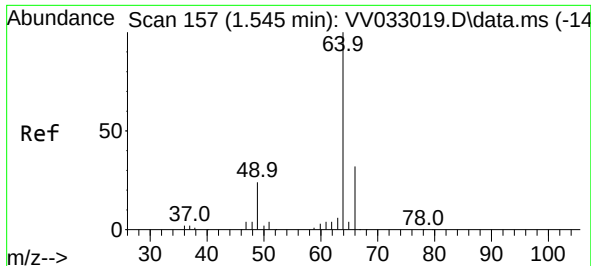
Tgt Ion: 62 Resp: 109781
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.7 42.1



#6
 Bromomethane
 Concen: 40.483 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV033040.D
 Acq: 21 Nov 2023 08:46

Tgt Ion: 94 Resp: 71669
 Ion Ratio Lower Upper
 94 100
 96 93.7 64.4 119.6

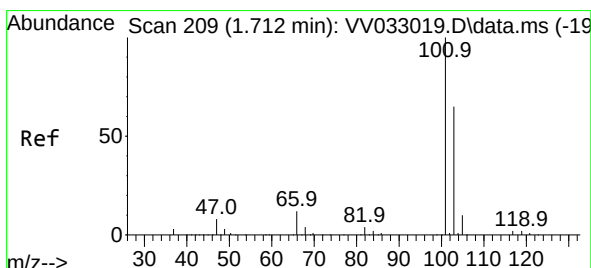
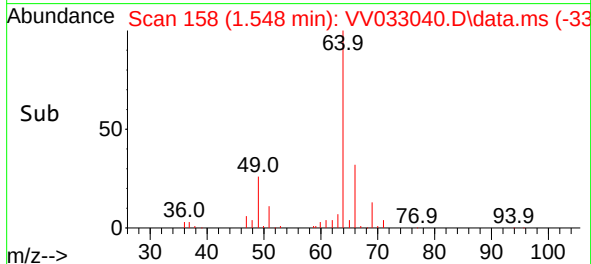
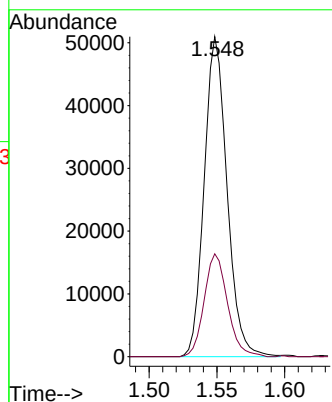
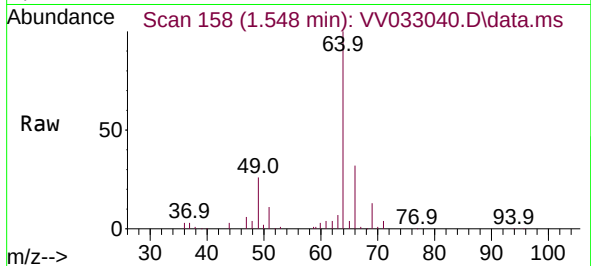




#8
Chloroethane
Concen: 40.291 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

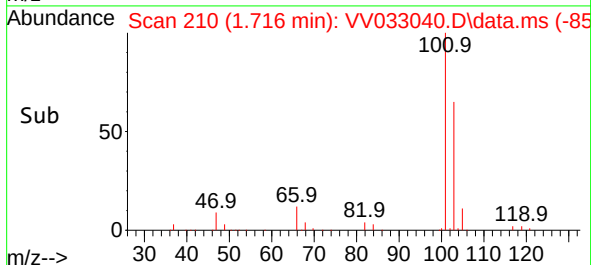
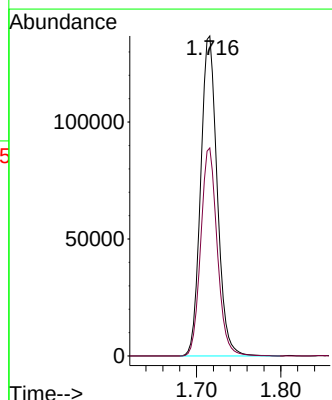
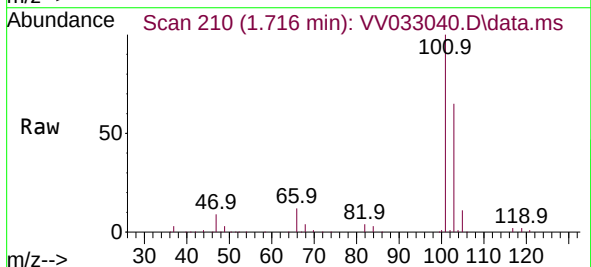
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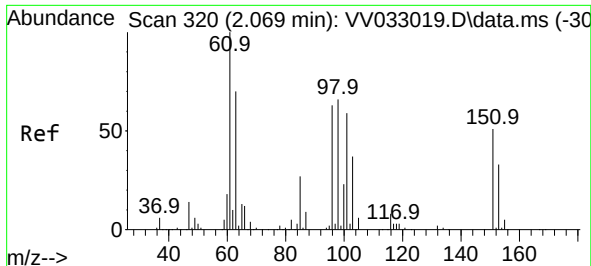
Tgt Ion: 64 Resp: 59705
Ion Ratio Lower Upper
64 100
66 32.2 22.8 42.4



#9
Trichlorofluoromethane
Concen: 43.108 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

Tgt Ion:101 Resp: 186976
Ion Ratio Lower Upper
101 100
103 64.9 52.1 78.1

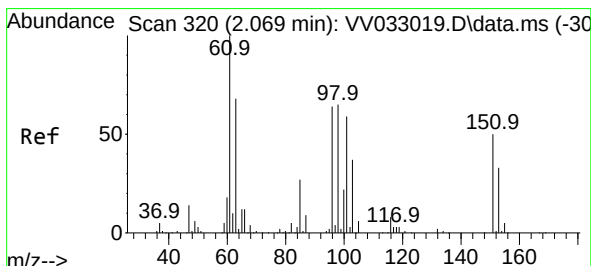
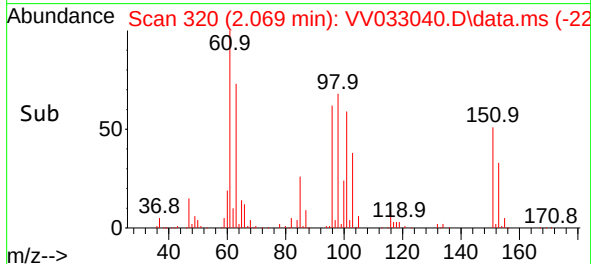
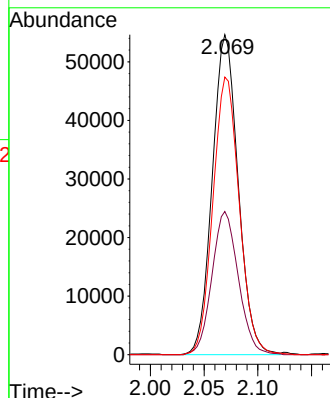
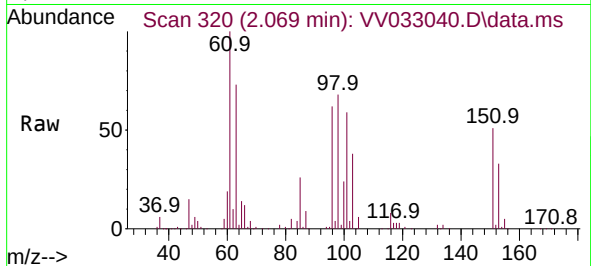




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 42.796 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV033040.D
 Acq: 21 Nov 2023 08:46

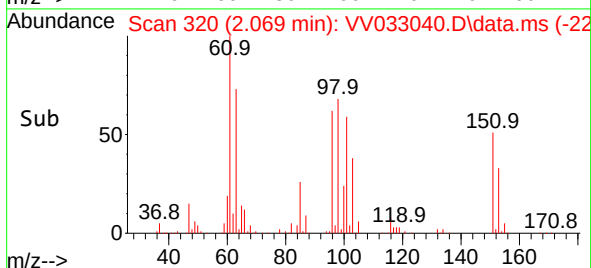
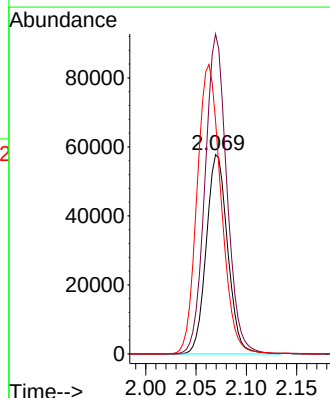
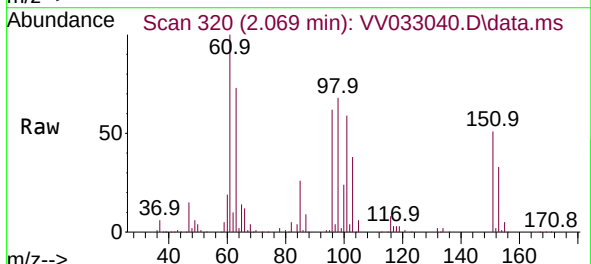
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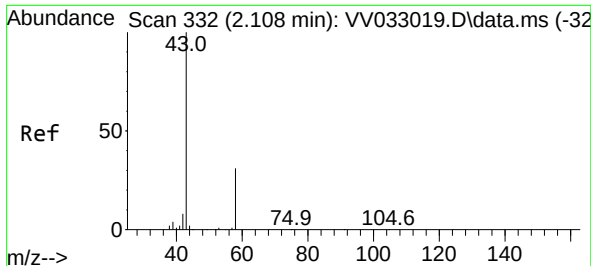
Tgt Ion:101 Resp: 91529
 Ion Ratio Lower Upper
 101 100
 85 45.6 35.5 53.3
 151 88.2 67.0 100.4



#12
 1,1-Dichloroethene
 Concen: 43.265 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV033040.D
 Acq: 21 Nov 2023 08:46

Tgt Ion: 96 Resp: 85437
 Ion Ratio Lower Upper
 96 100
 61 160.6 116.6 216.6
 63 117.0 84.8 157.4





#13

Acetone

Concen: 80.335 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033040.D

Acq: 21 Nov 2023 08:46

Instrument :

MSVOA_V

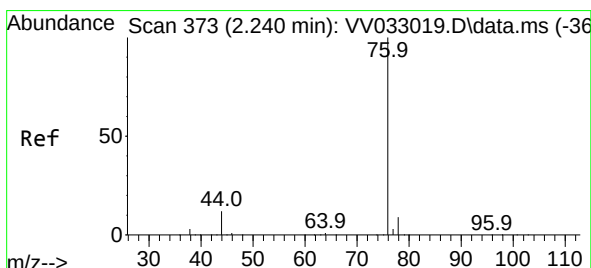
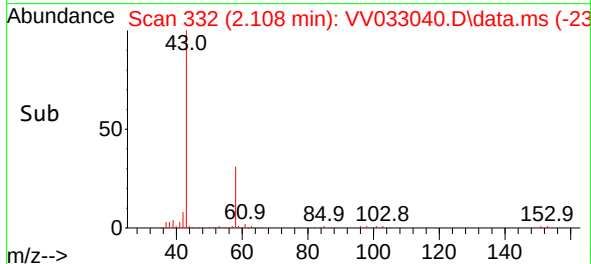
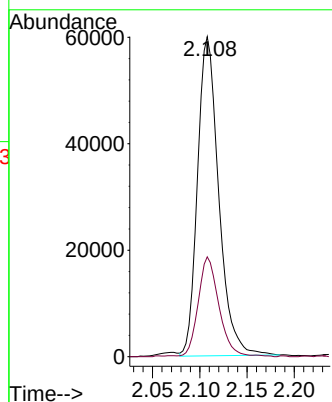
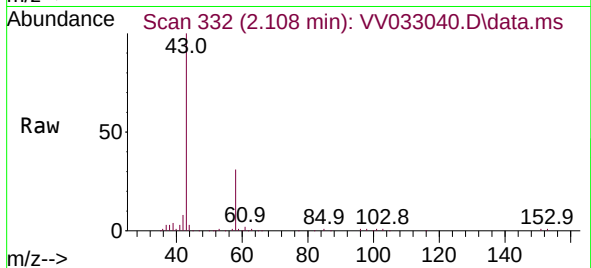
ClientSampleId :

Tgt Ion: 43 Resp: 93665

Ion Ratio Lower Upper

43 100

58 29.9 0.0 62.6



#14

Carbon disulfide

Concen: 43.458 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV033040.D

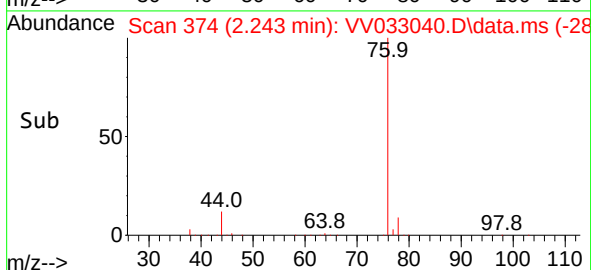
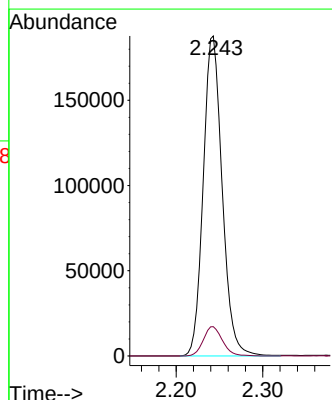
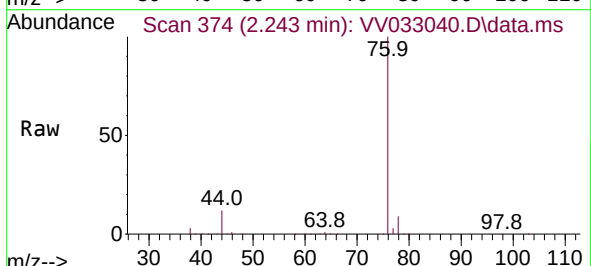
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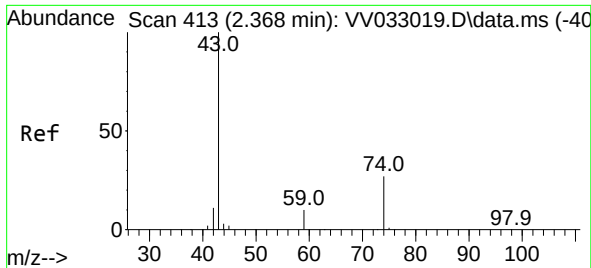
Tgt Ion: 76 Resp: 285416

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4

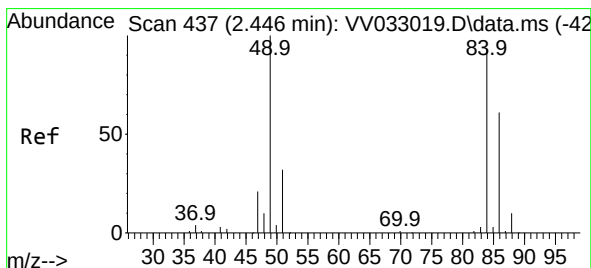
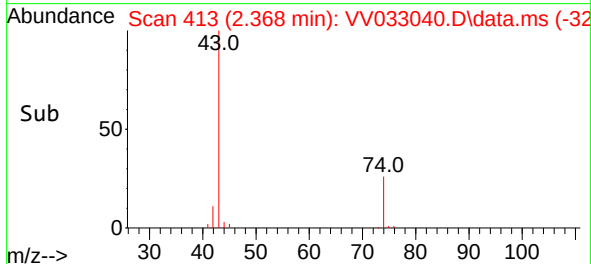
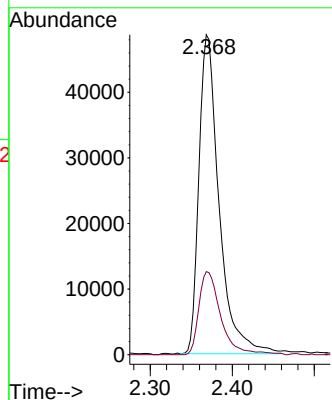
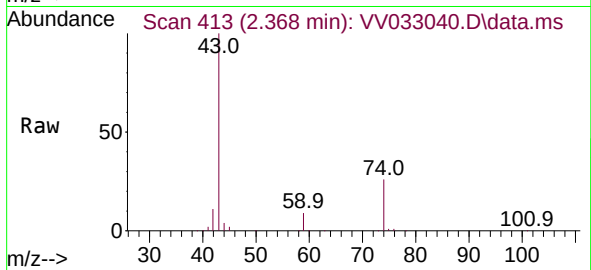




#15
Methyl Acetate
Concen: 40.656 ug/L
RT: 2.368 min Scan# 413
Delta R.T. -0.000 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

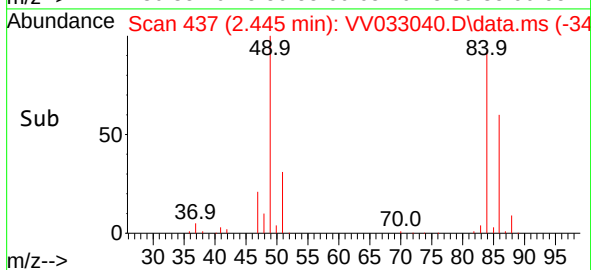
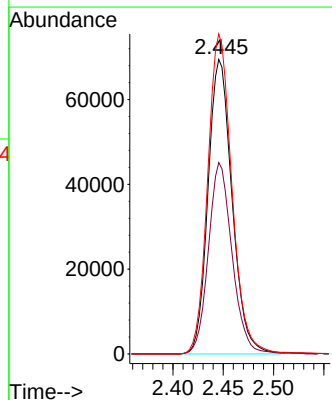
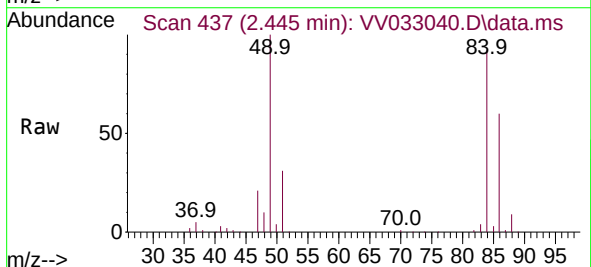
Instrument :
MSVOA_V
ClientSampleId :

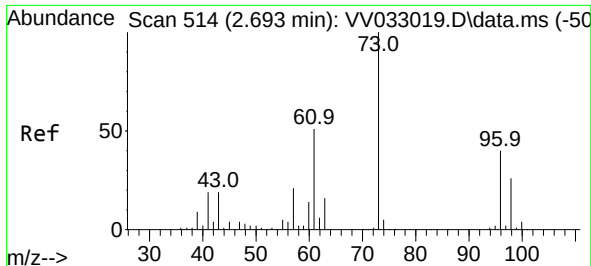
Tgt Ion: 43 Resp: 83101
Ion Ratio Lower Upper
43 100
74 27.5 22.7 34.1



#16
Methylene chloride
Concen: 41.240 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

Tgt Ion: 84 Resp: 115377
Ion Ratio Lower Upper
84 100
86 65.0 44.7 83.1
49 108.6 76.6 142.3

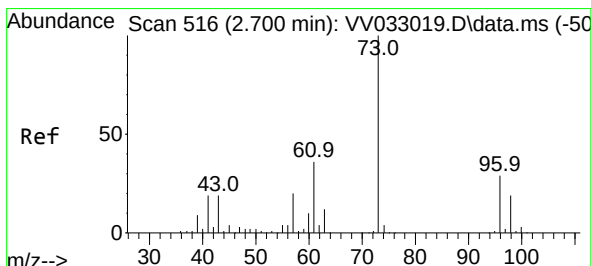
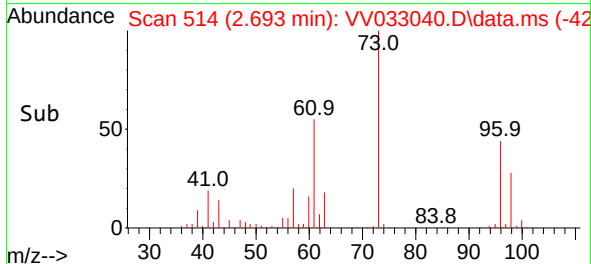
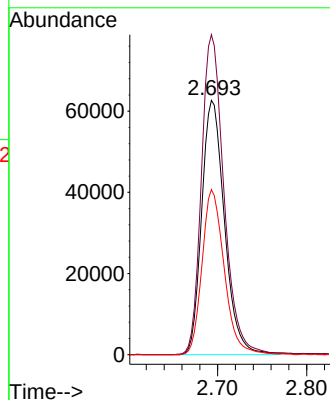
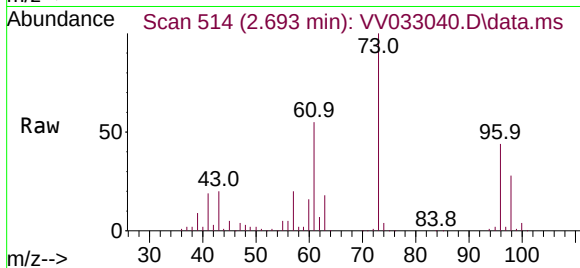




#17
trans-1,2-Dichloroethene
Concen: 44.160 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

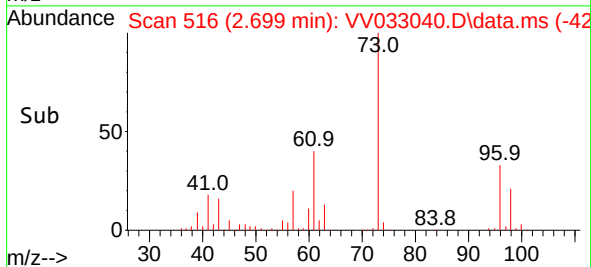
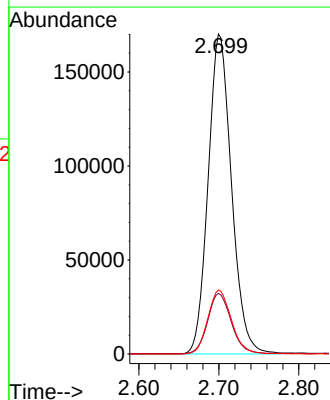
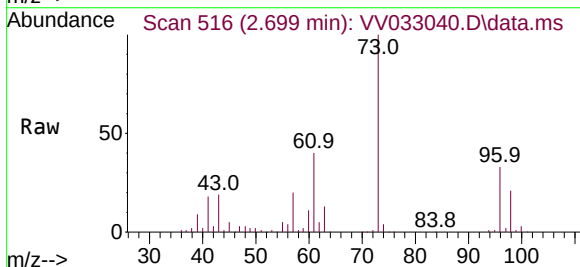
Instrument :
MSVOA_V
ClientSampleId :

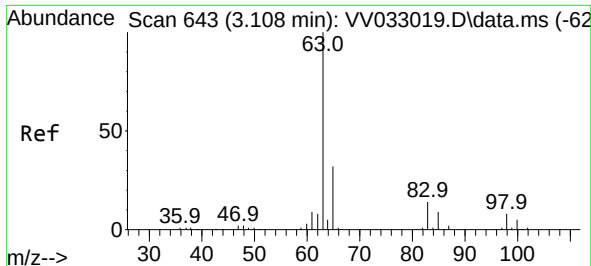
Tgt Ion: 96 Resp: 111602
Ion Ratio Lower Upper
96 100
61 125.8 89.5 166.3
98 64.9 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 43.594 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

Tgt Ion: 73 Resp: 345594
Ion Ratio Lower Upper
73 100
43 18.8 15.2 22.8
57 20.1 15.8 23.8

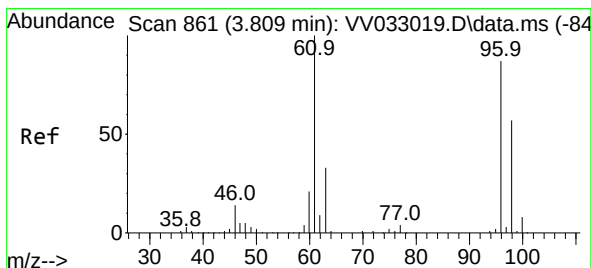
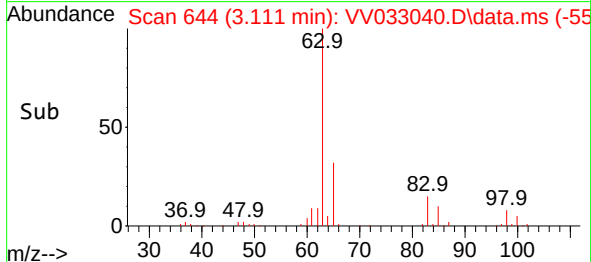
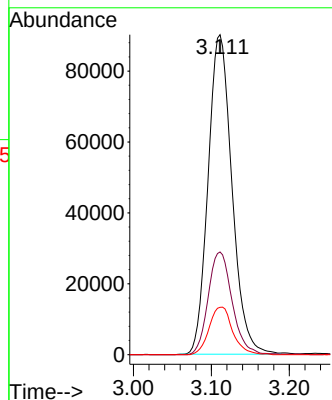
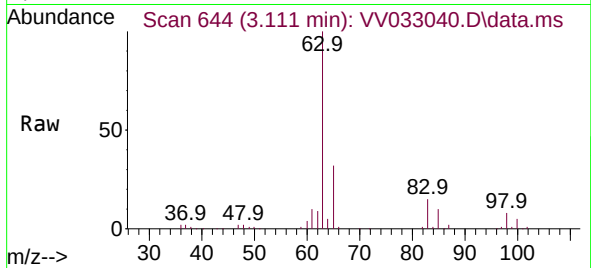




#19
 1,1-Dichloroethane
 Concen: 42.590 ug/L
 RT: 3.111 min Scan# 64
 Delta R.T. 0.003 min
 Lab File: VV033040.D
 Acq: 21 Nov 2023 08:46

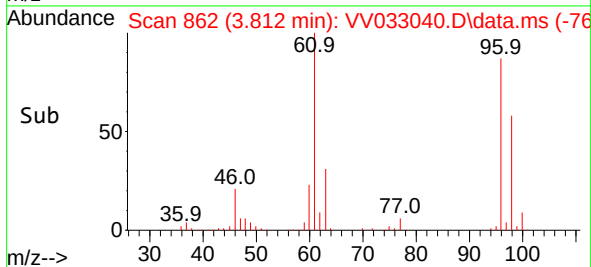
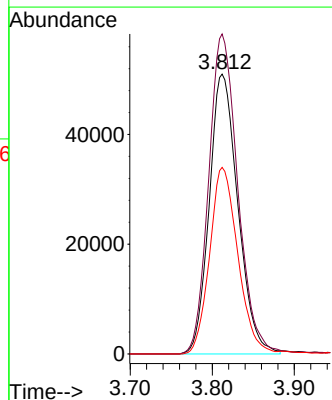
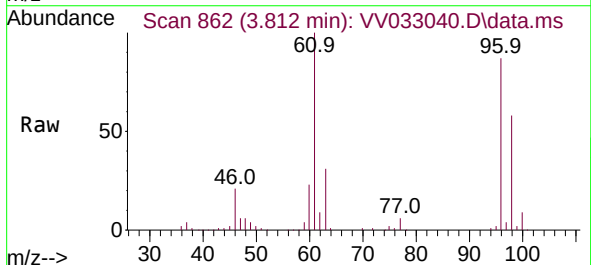
Instrument :
 MSVOA_V
 ClientSampleId :

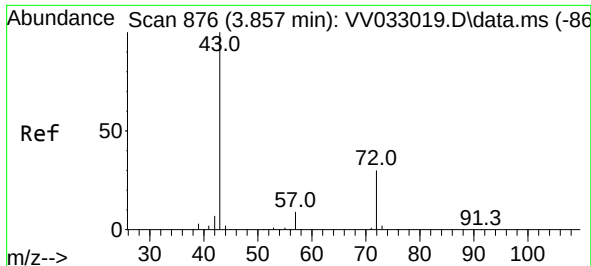
Tgt Ion: 63 Resp: 192265
 Ion Ratio Lower Upper
 63 100
 65 32.1 22.4 41.6
 83 14.8 10.7 19.9



#20
 cis-1,2-Dichloroethene
 Concen: 43.697 ug/L
 RT: 3.812 min Scan# 862
 Delta R.T. 0.003 min
 Lab File: VV033040.D
 Acq: 21 Nov 2023 08:46

Tgt Ion: 96 Resp: 123817
 Ion Ratio Lower Upper
 96 100
 61 114.3 80.2 149.0
 98 66.7 45.1 83.7

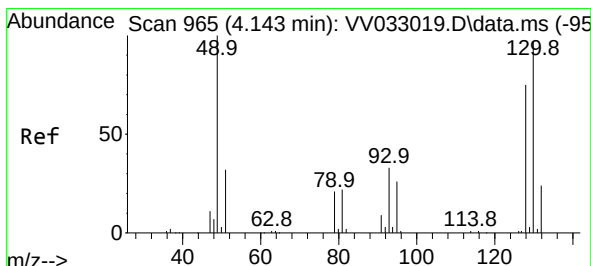
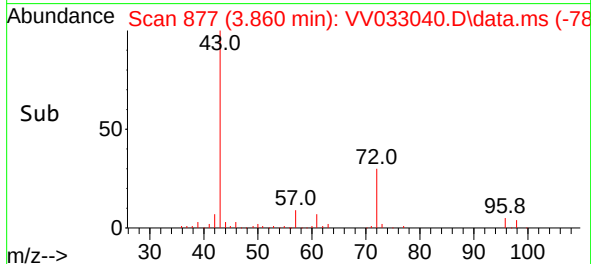
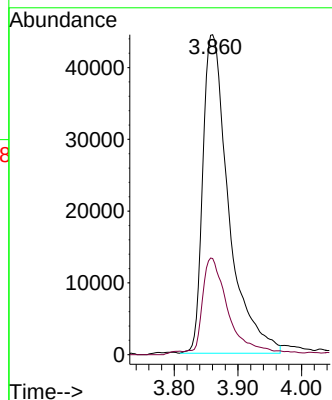
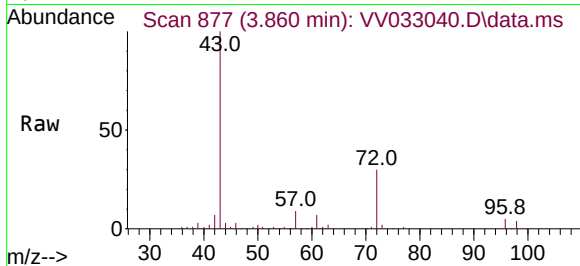




#22
2-Butanone
Concen: 83.125 ug/L
RT: 3.860 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

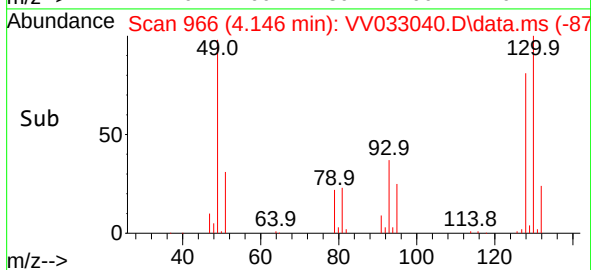
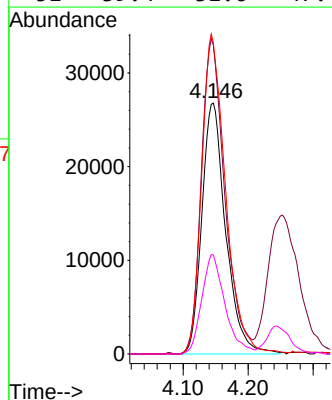
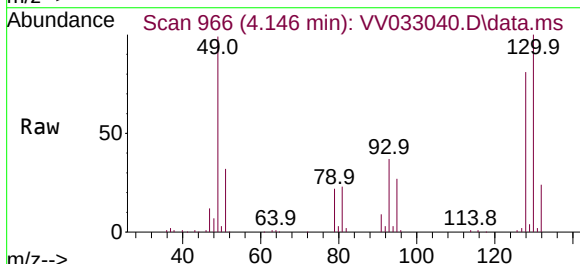
Instrument :
MSVOA_V
ClientSampleId :

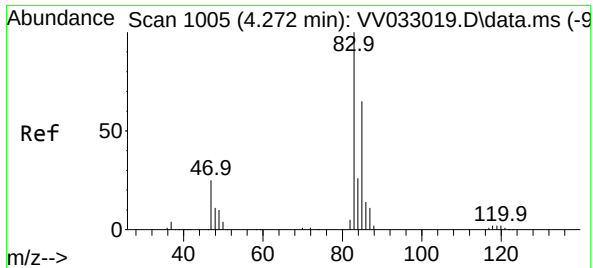
Tgt Ion: 43 Resp: 125491
Ion Ratio Lower Upper
43 100
72 27.7 13.9 41.7



#23
Bromochloromethane
Concen: 43.827 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

Tgt Ion:128 Resp: 68305
Ion Ratio Lower Upper
128 100
49 123.1 87.1 161.7
130 124.0 88.1 163.5
51 39.4 31.6 47.4

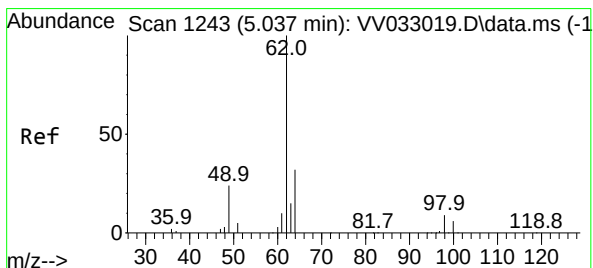
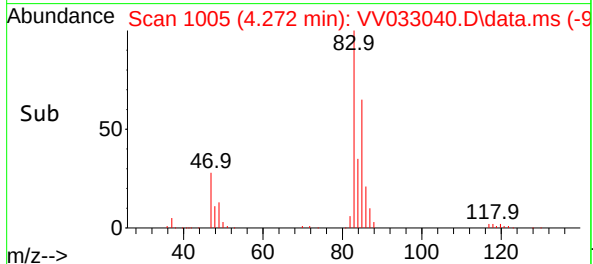
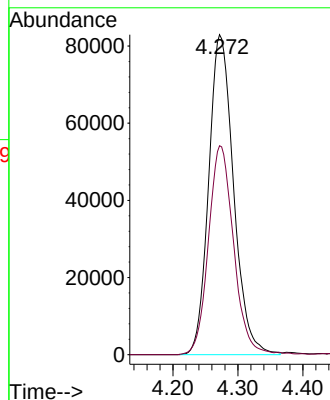
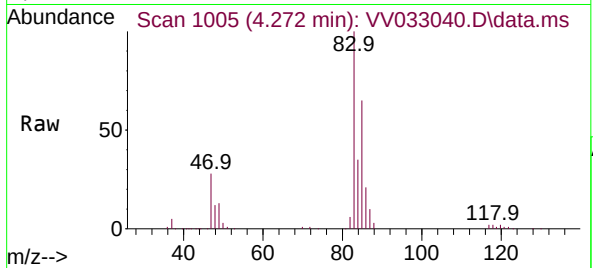




#25
Chloroform
Concen: 43.409 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. -0.000 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

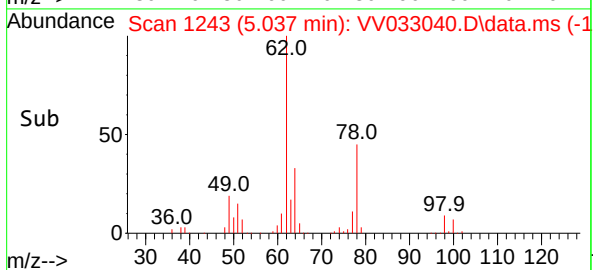
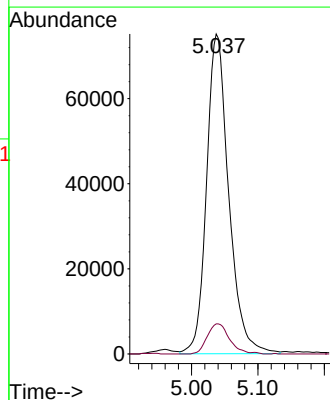
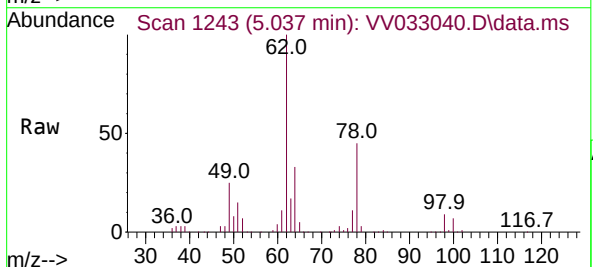
Instrument :
MSVOA_V
ClientSampleId :

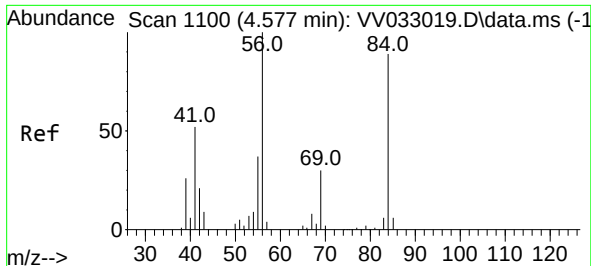
Tgt Ion: 83 Resp: 220561
Ion Ratio Lower Upper
83 100
85 65.3 46.2 85.8



#27
1,2-Dichloroethane
Concen: 44.103 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

Tgt Ion: 62 Resp: 174816
Ion Ratio Lower Upper
62 100
98 9.4 8.3 12.5





#29

Cyclohexane

Concen: 46.057 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VV033040.D

Acq: 21 Nov 2023 08:46

Instrument :

MSVOA_V

ClientSampleId :

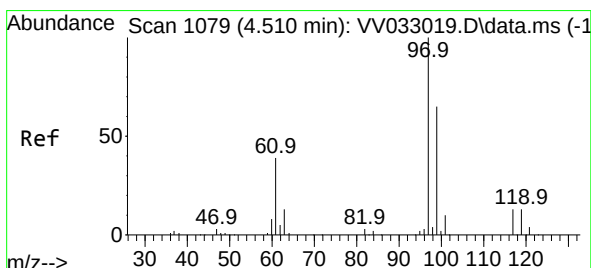
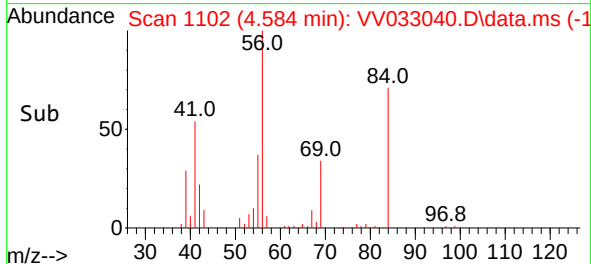
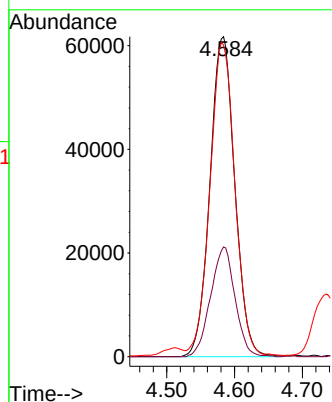
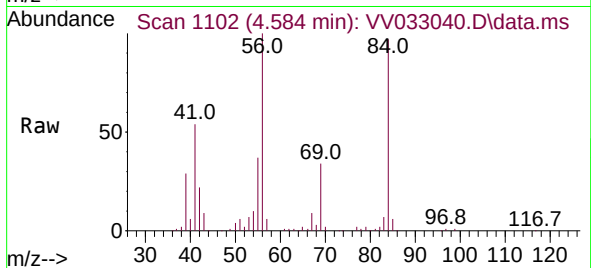
Tgt Ion: 56 Resp: 157199

Ion Ratio Lower Upper

56 100

69 33.6 26.7 40.1

84 96.7 78.1 117.1



#30

1,1,1-Trichloroethane

Concen: 45.398 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VV033040.D

Acq: 21 Nov 2023 08:46

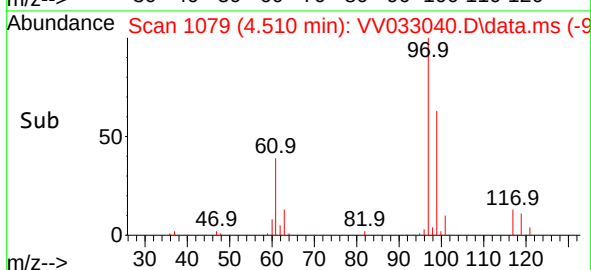
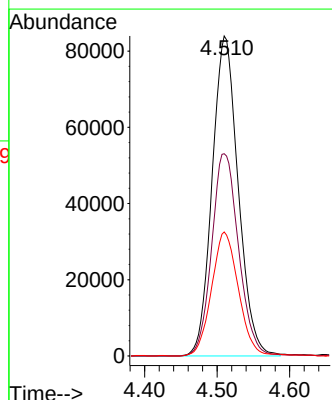
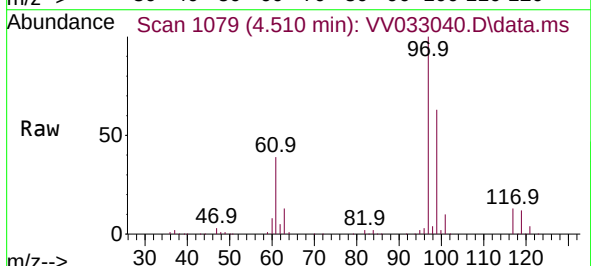
Tgt Ion: 97 Resp: 209764

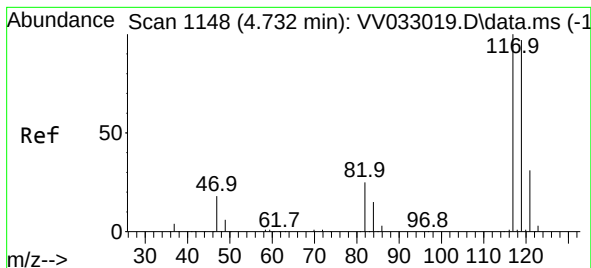
Ion Ratio Lower Upper

97 100

99 65.4 51.2 76.8

61 39.7 32.1 48.1





#31

Carbon tetrachloride

Concen: 45.041 ug/L

RT: 4.735 min Scan# 1148

Delta R.T. 0.003 min

Lab File: VV033040.D

Acq: 21 Nov 2023 08:46

Instrument :

MSVOA_V

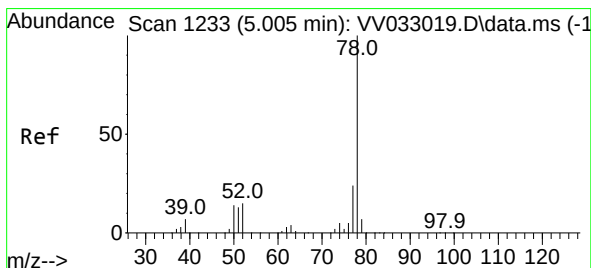
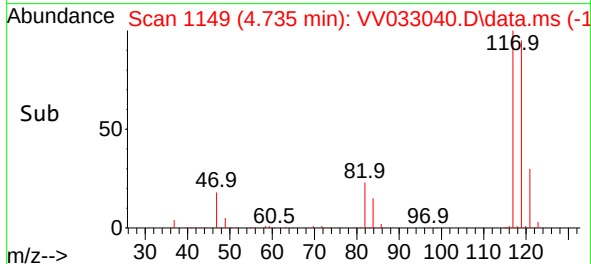
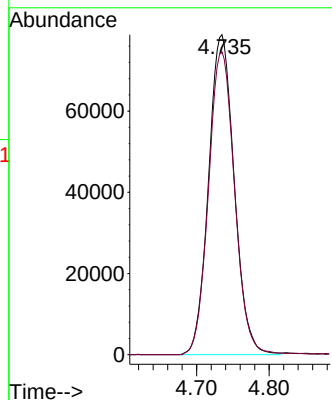
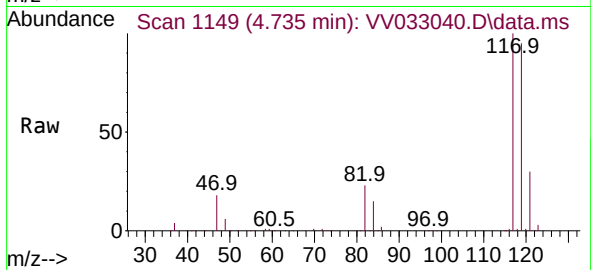
ClientSampleId :

Tgt Ion:117 Resp: 193942

Ion Ratio Lower Upper

117 100

119 96.0 76.5 114.7



#33

Benzene

Concen: 45.695 ug/L

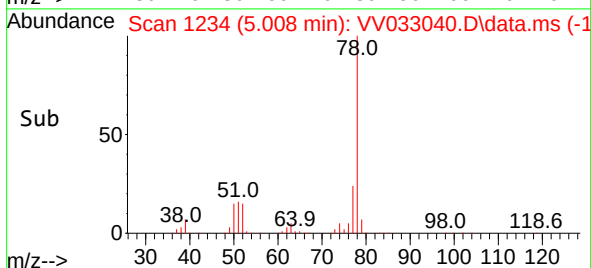
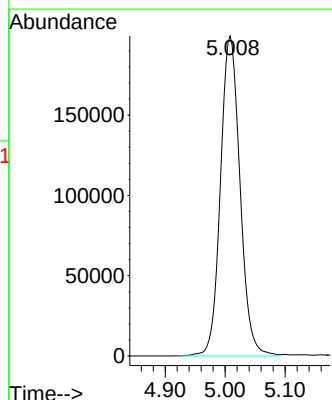
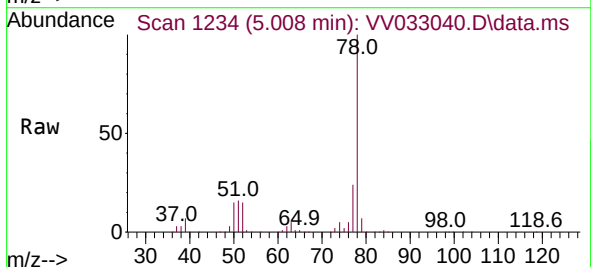
RT: 5.008 min Scan# 1234

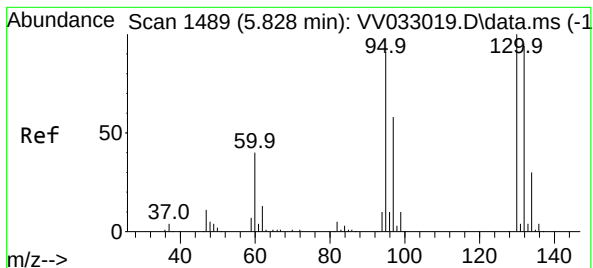
Delta R.T. 0.003 min

Lab File: VV033040.D

Acq: 21 Nov 2023 08:46

Tgt Ion: 78 Resp: 449641





#34

Trichloroethene

Concen: 45.987 ug/L

RT: 5.831 min Scan# 14

Delta R.T. 0.003 min

Lab File: VV033040.D

Acq: 21 Nov 2023 08:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 127548

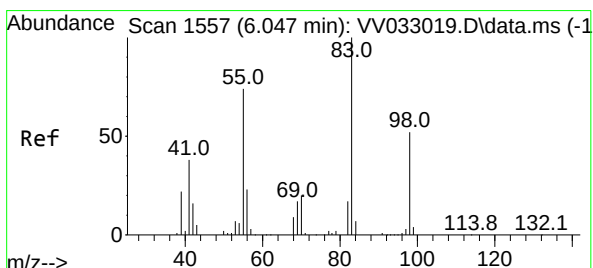
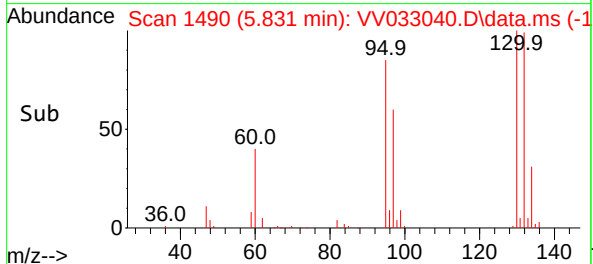
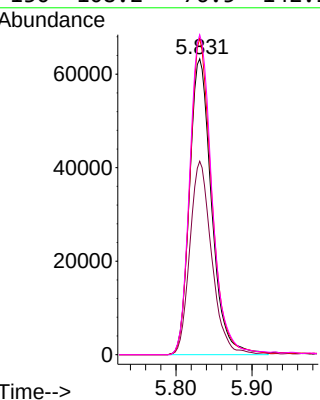
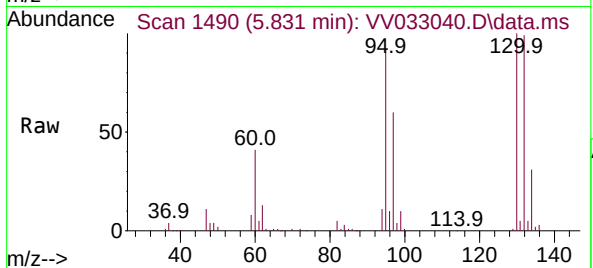
Ion Ratio Lower Upper

95 100

97 65.4 46.0 85.4

132 106.9 76.0 141.2

130 108.2 76.5 142.1



#35

Methylcyclohexane

Concen: 48.142 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV033040.D

Acq: 21 Nov 2023 08:46

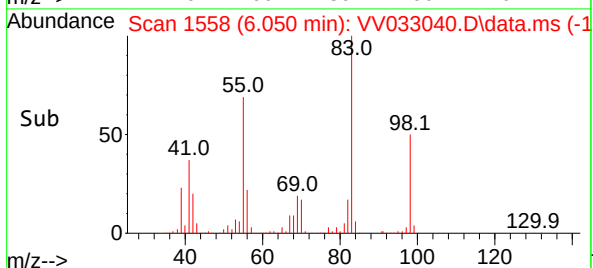
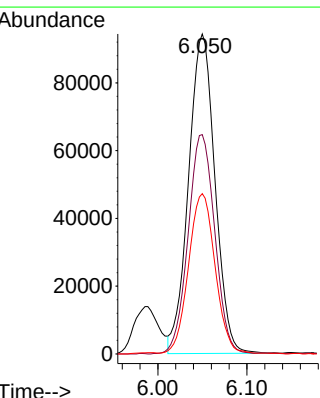
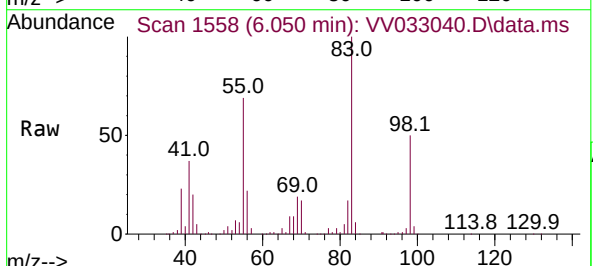
Tgt Ion: 83 Resp: 194074

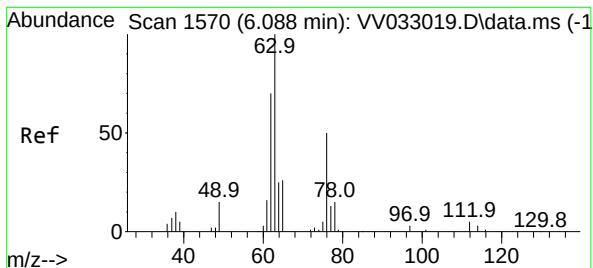
Ion Ratio Lower Upper

83 100

55 69.4 56.3 84.5

98 50.2 40.5 60.7





#37

1,2-Dichloropropane

Concen: 44.488 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV033040.D

Acq: 21 Nov 2023 08:46

Instrument :

MSVOA_V

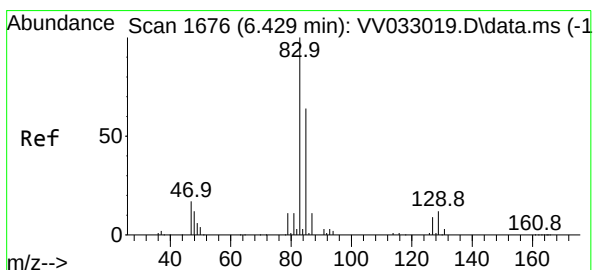
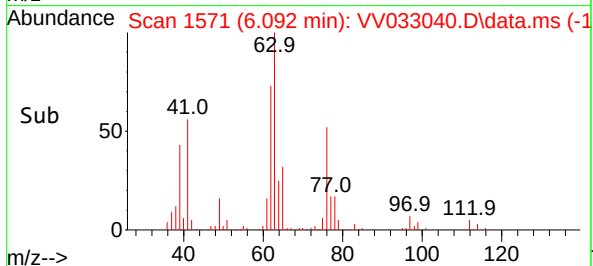
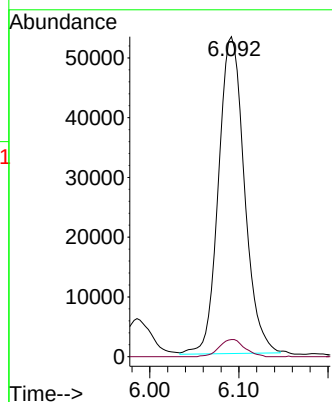
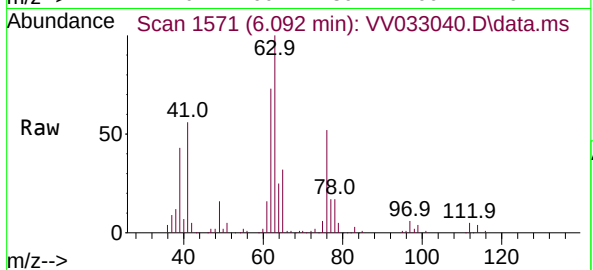
ClientSampleId :

Tgt Ion: 63 Resp: 107449

Ion Ratio Lower Upper

63 100

112 5.3 4.6 7.0



#38

Bromodichloromethane

Concen: 43.958 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VV033040.D

Acq: 21 Nov 2023 08:46

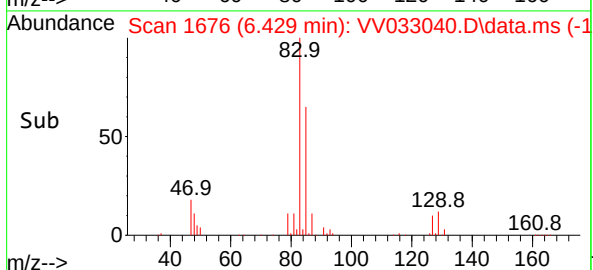
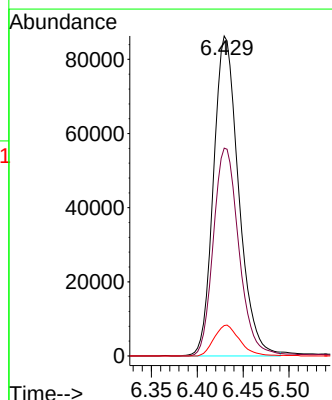
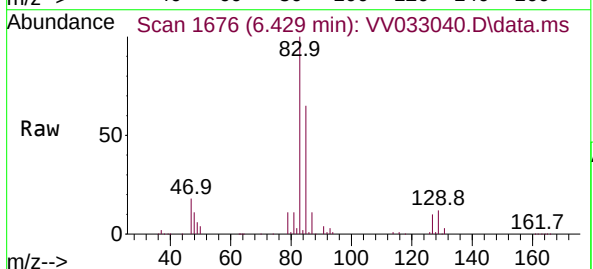
Tgt Ion: 83 Resp: 164962

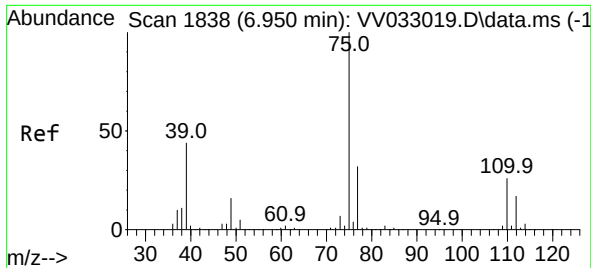
Ion Ratio Lower Upper

83 100

85 64.9 44.7 83.1

127 9.5 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 46.070 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV033040.D

Acq: 21 Nov 2023 08:46

Instrument :

MSVOA_V

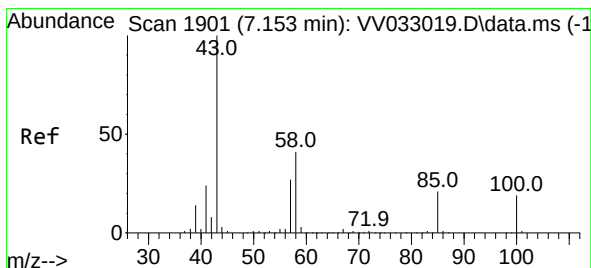
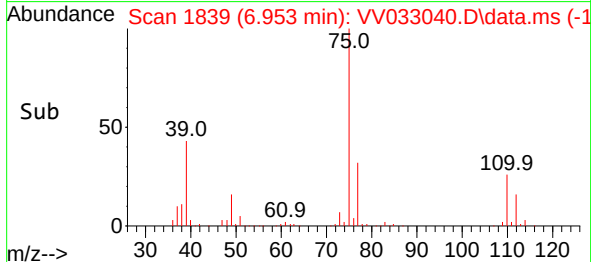
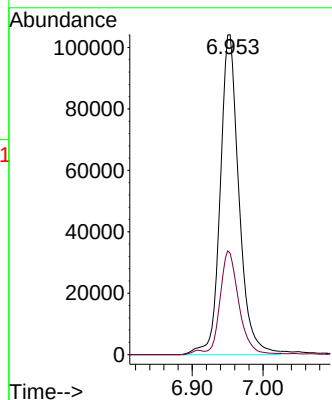
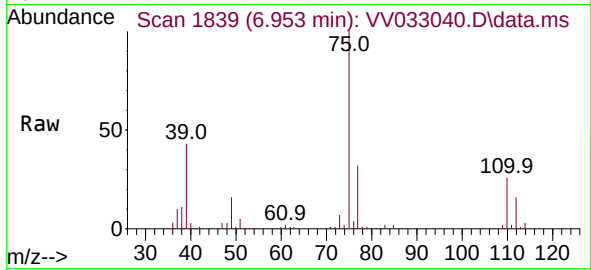
ClientSampleId :

Tgt Ion: 75 Resp: 191560

Ion Ratio Lower Upper

75 100

77 31.7 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 86.714 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VV033040.D

Acq: 21 Nov 2023 08:46

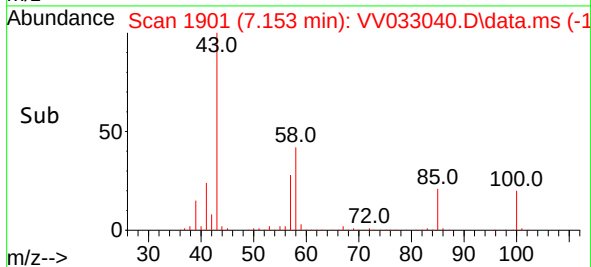
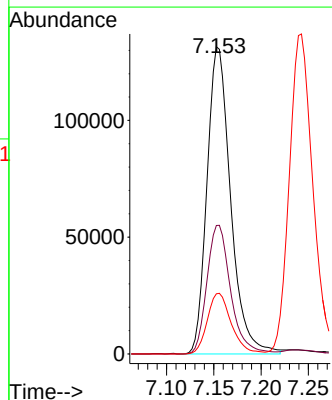
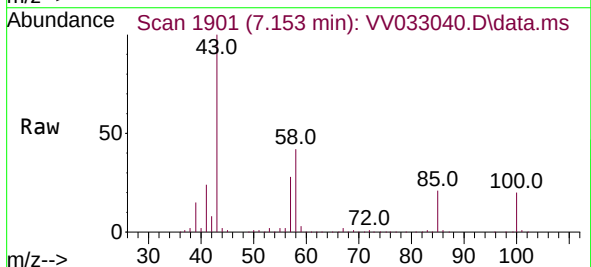
Tgt Ion: 43 Resp: 229086

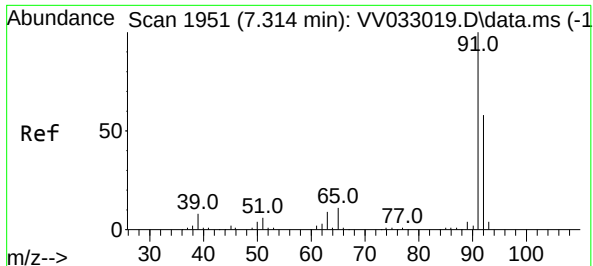
Ion Ratio Lower Upper

43 100

58 42.1 33.2 49.8

100 20.0 14.9 22.3

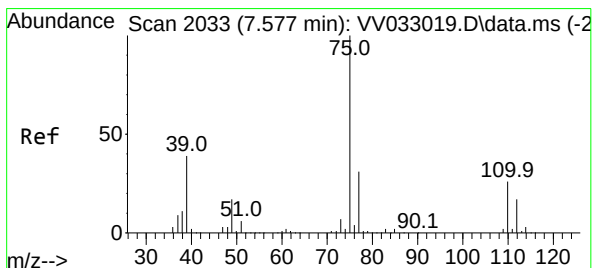
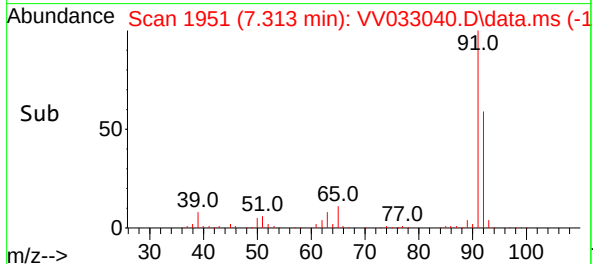
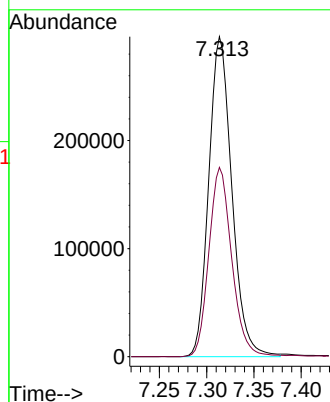
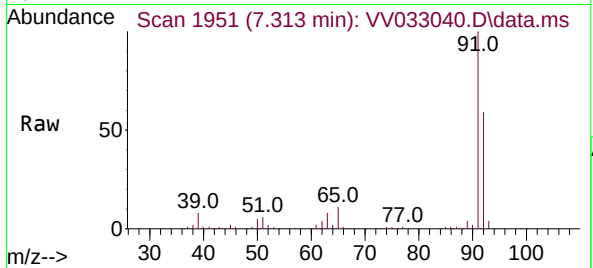




#42
Toluene
Concen: 46.141 ug/L
RT: 7.313 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

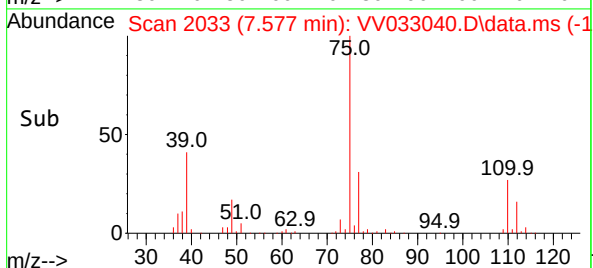
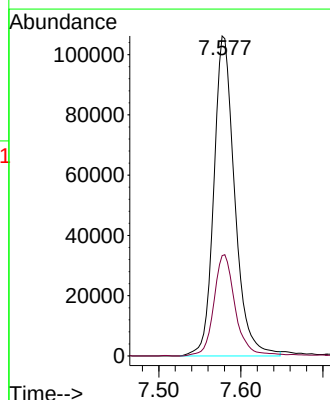
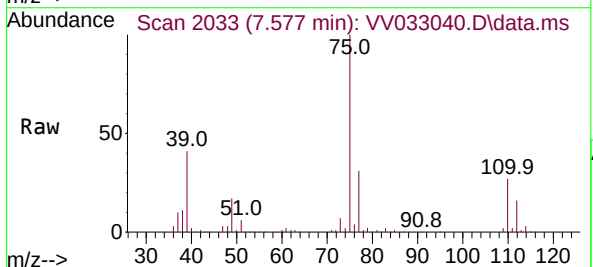
Instrument :
MSVOA_V
ClientSampleId :

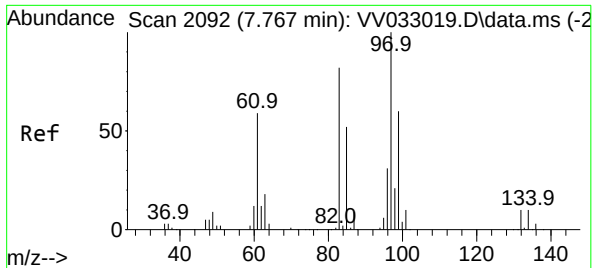
Tgt Ion: 91 Resp: 503073
Ion Ratio Lower Upper
91 100
92 59.2 40.9 75.9



#44
trans-1,3-Dichloropropene
Concen: 44.955 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

Tgt Ion: 75 Resp: 187831
Ion Ratio Lower Upper
75 100
77 31.3 21.9 40.7



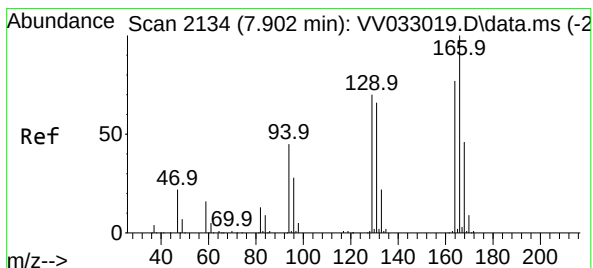
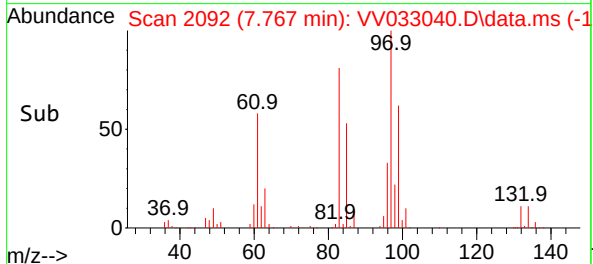
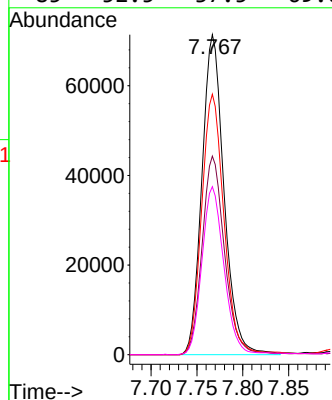
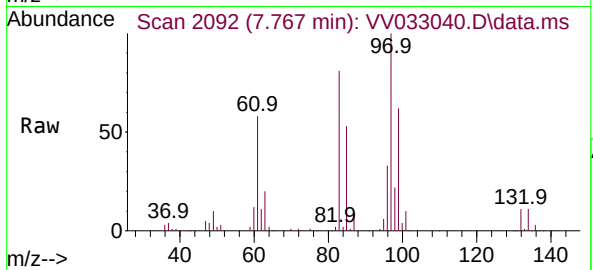


#45
1,1,2-Trichloroethane
Concen: 44.099 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 119949

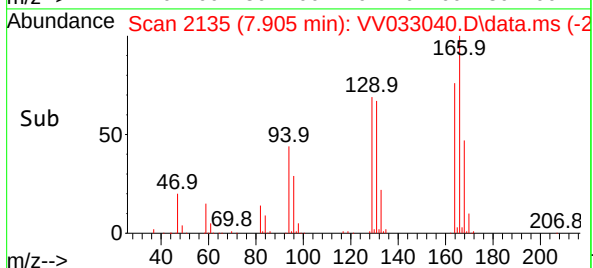
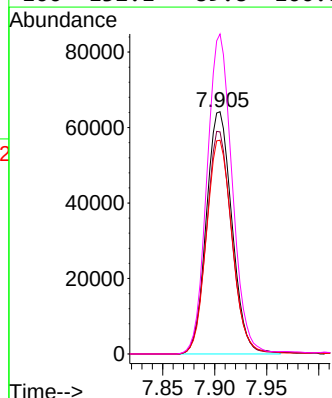
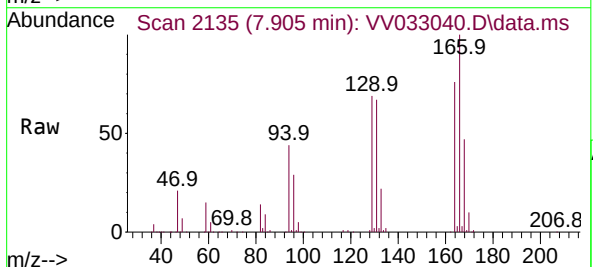
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.5	80.9
83	81.4	55.6	103.2
85	52.5	37.5	69.6

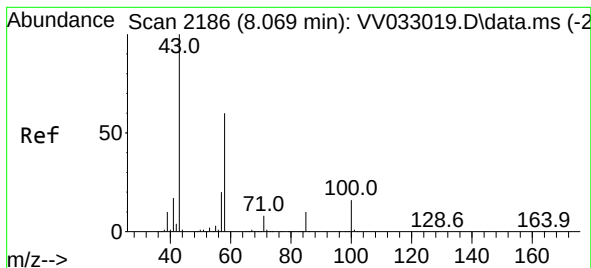


#46
Tetrachloroethene
Concen: 45.464 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

Tgt Ion: 164 Resp: 109888

Ion	Ratio	Lower	Upper
164	100		
129	91.7	65.7	122.1
131	88.2	62.5	116.1
166	132.1	89.8	166.8





#48

2-Hexanone

Concen: 86.389 ug/L

RT: 8.072 min Scan# 2186

Delta R.T. 0.003 min

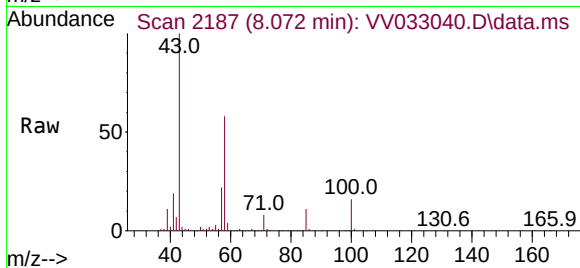
Lab File: VV033040.D

Acq: 21 Nov 2023 08:46

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 180557

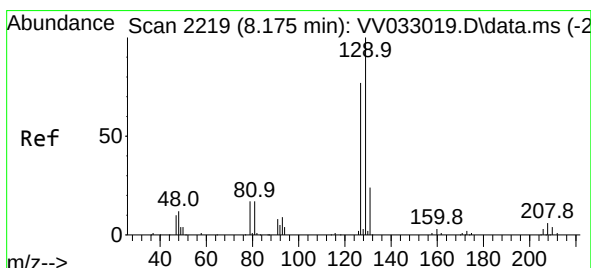
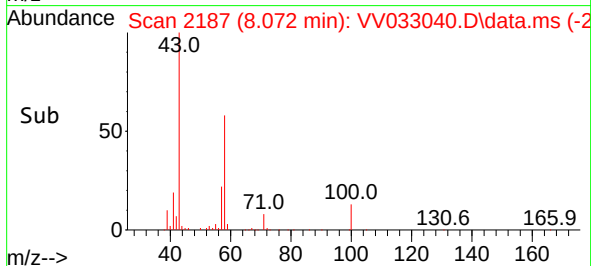
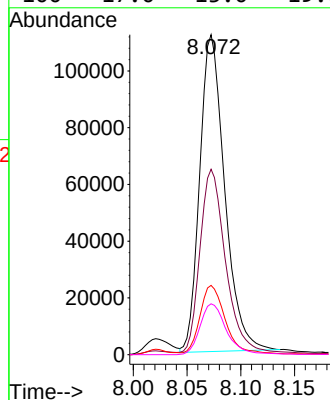
Ion Ratio Lower Upper

43 100

58 60.6 47.0 70.6

57 22.0 17.0 25.6

100 17.0 13.0 19.6



#49

Dibromochloromethane

Concen: 43.833 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. -0.000 min

Lab File: VV033040.D

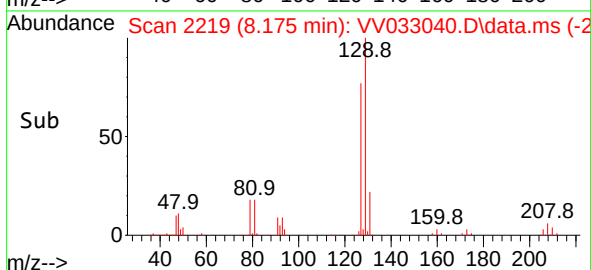
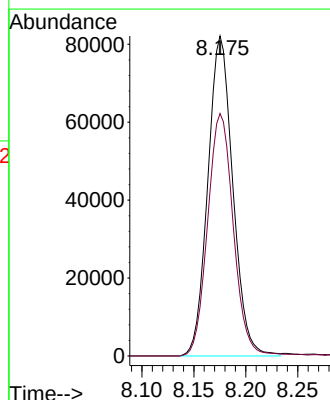
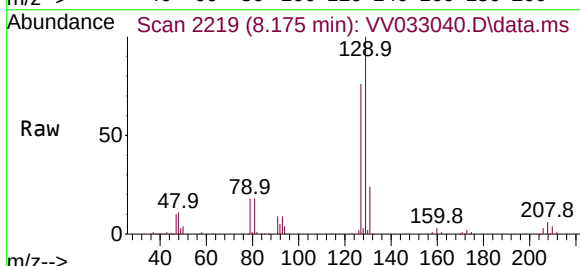
Acq: 21 Nov 2023 08:46

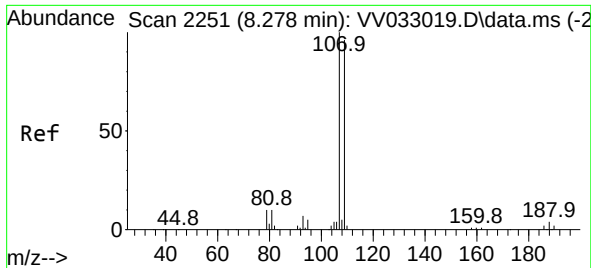
Tgt Ion:129 Resp: 137414

Ion Ratio Lower Upper

129 100

127 75.7 54.4 101.0





#50

1,2-Dibromoethane

Concen: 44.585 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV033040.D

Acq: 21 Nov 2023 08:46

Instrument :

MSVOA_V

ClientSampleId :

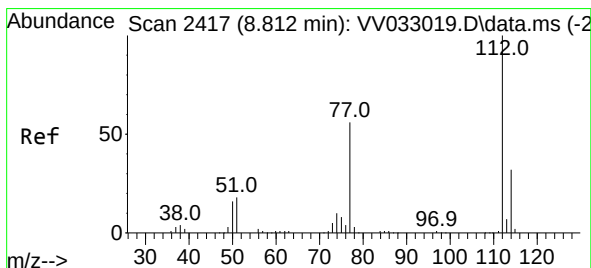
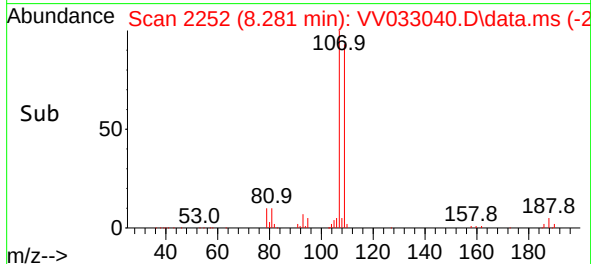
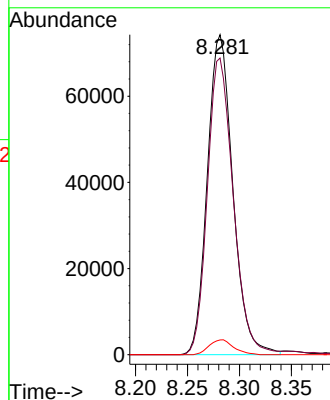
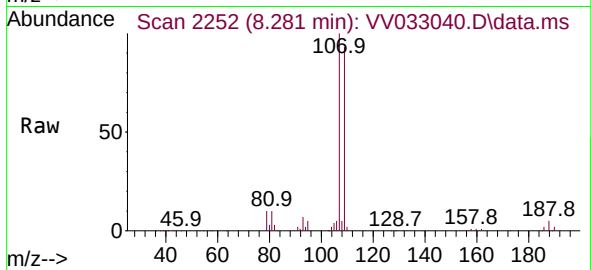
Tgt Ion:107 Resp: 127012

Ion Ratio Lower Upper

107 100

109 92.7 67.3 125.1

188 4.6 3.3 4.9



#51

Chlorobenzene

Concen: 44.271 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV033040.D

Acq: 21 Nov 2023 08:46

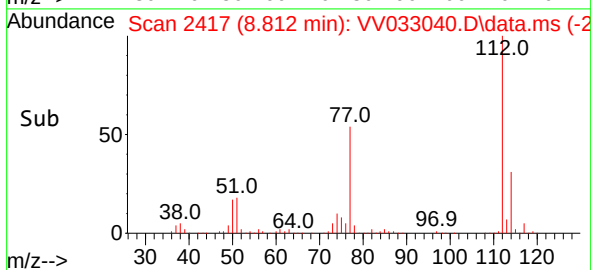
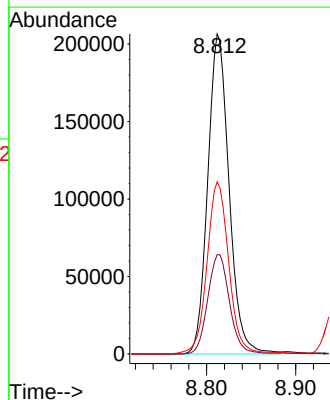
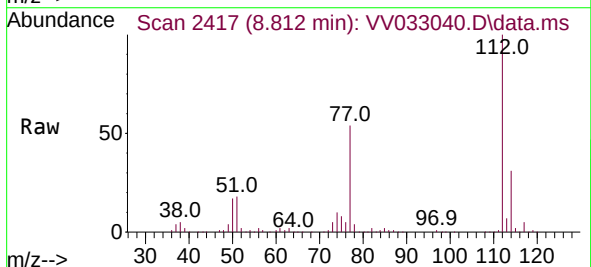
Tgt Ion:112 Resp: 342521

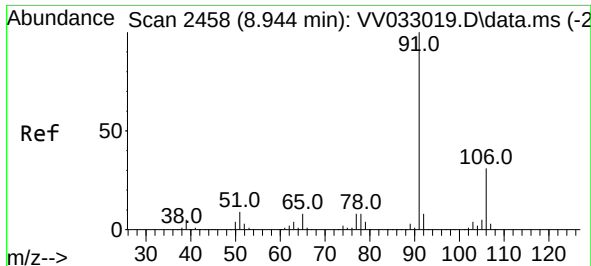
Ion Ratio Lower Upper

112 100

114 31.0 22.3 41.5

77 53.8 43.0 64.6

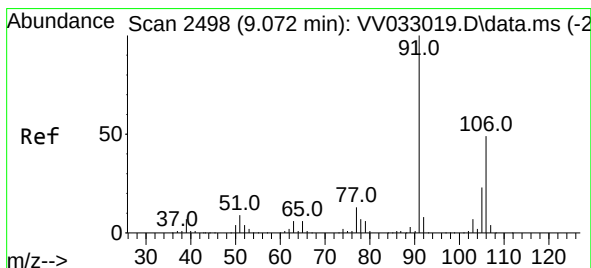
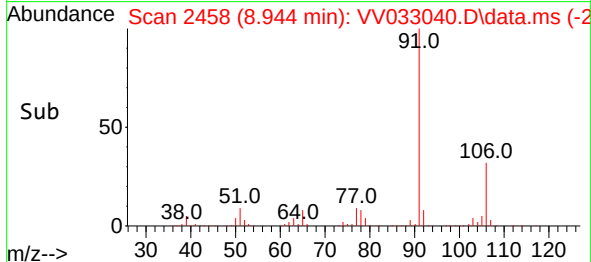
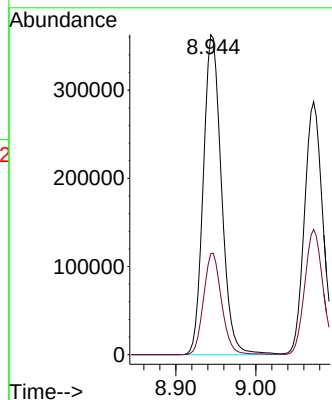
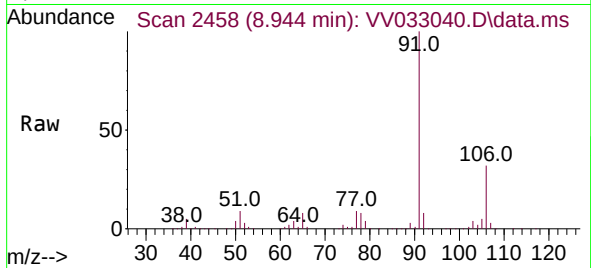




#52
Ethylbenzene
Concen: 45.989 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

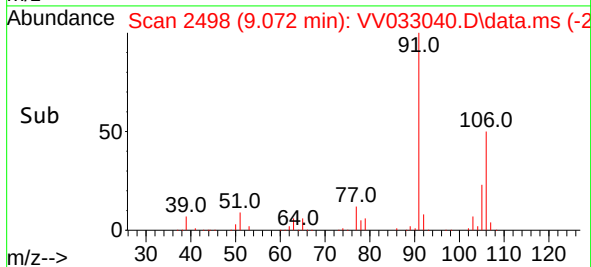
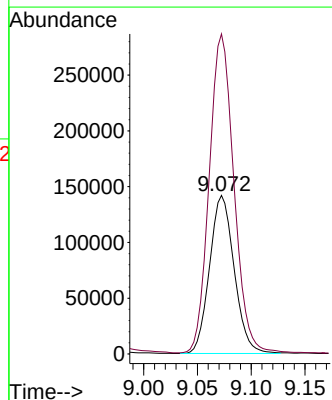
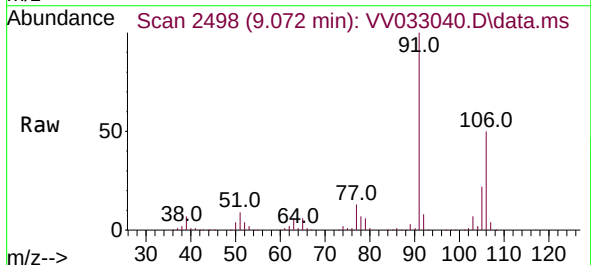
Instrument :
MSVOA_V
ClientSampleId :

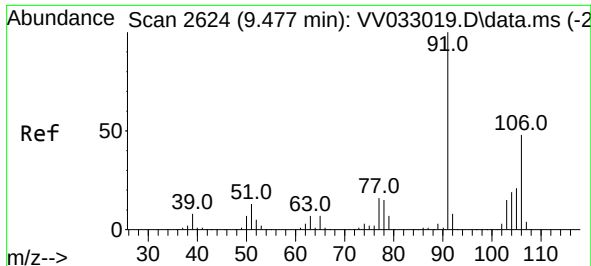
Tgt Ion: 91 Resp: 575622
Ion Ratio Lower Upper
91 100
106 31.5 22.1 41.1



#53
m,p-Xylene
Concen: 45.970 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

Tgt Ion: 106 Resp: 226064
Ion Ratio Lower Upper
106 100
91 201.8 138.6 257.4

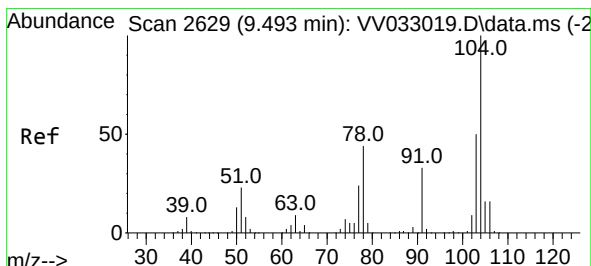
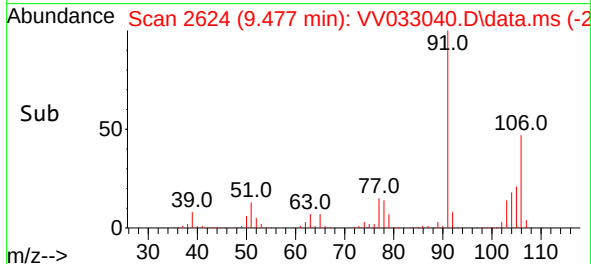
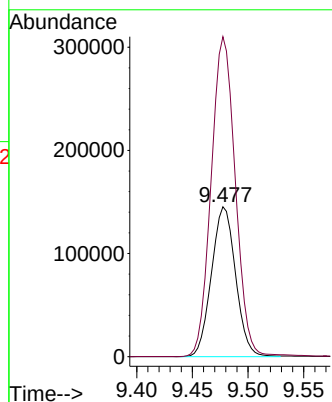
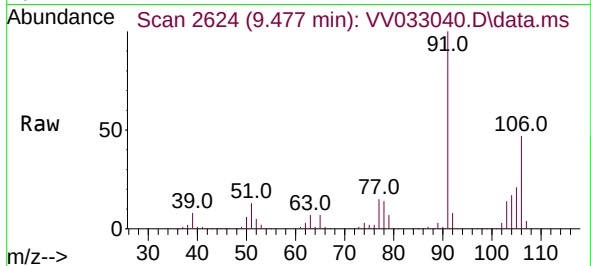




#54
o-Xylene
Concen: 46.288 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

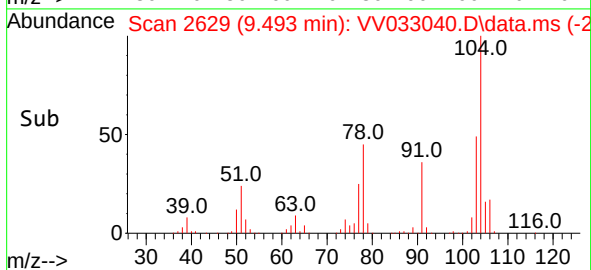
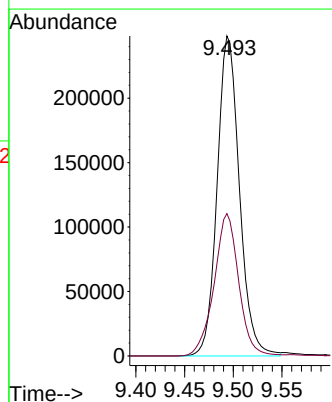
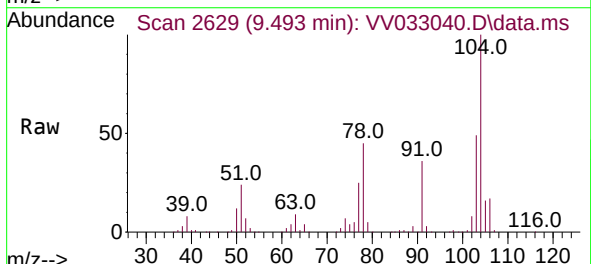
Instrument :
MSVOA_V
ClientSampleId :

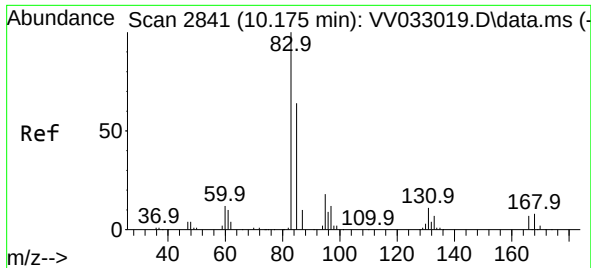
Tgt Ion:106 Resp: 219111
Ion Ratio Lower Upper
106 100
91 213.4 147.3 273.5



#55
Styrene
Concen: 46.817 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

Tgt Ion:104 Resp: 395332
Ion Ratio Lower Upper
104 100
78 44.5 30.2 56.2

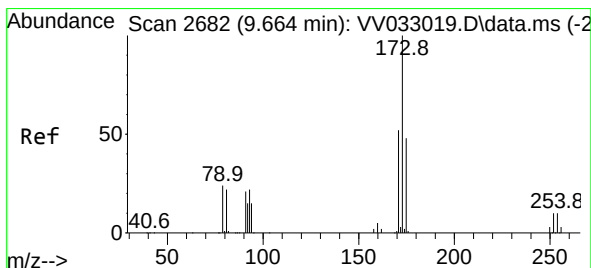
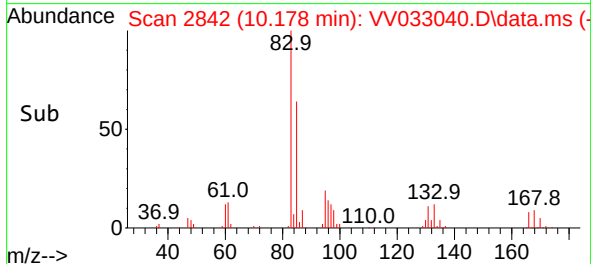
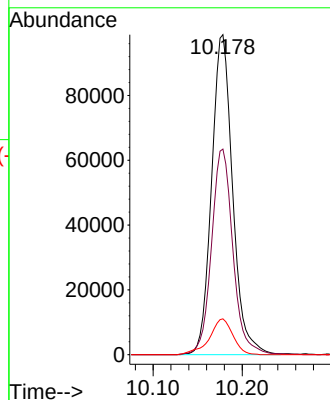
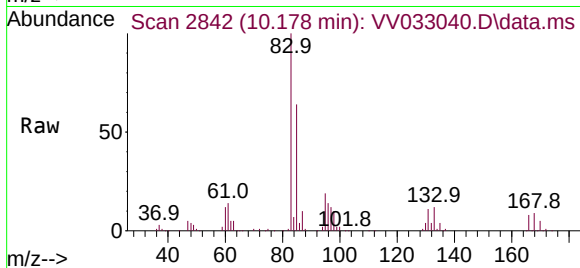




#57
1,1,2,2-Tetrachloroethane
Concen: 42.228 ug/L
RT: 10.178 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

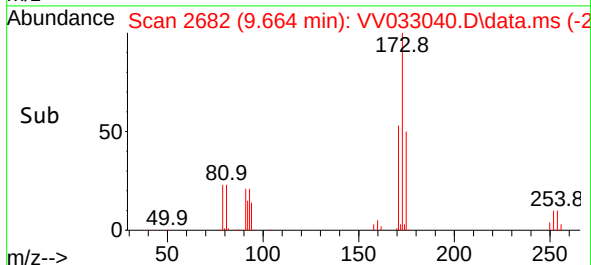
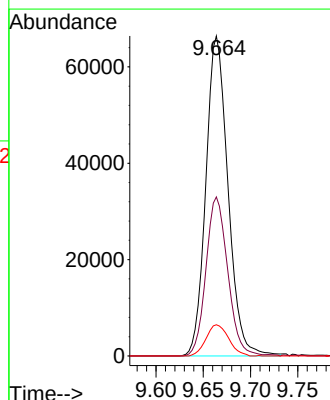
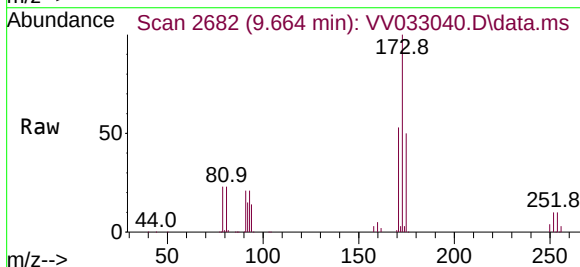
Instrument :
MSVOA_V
ClientSampleId :

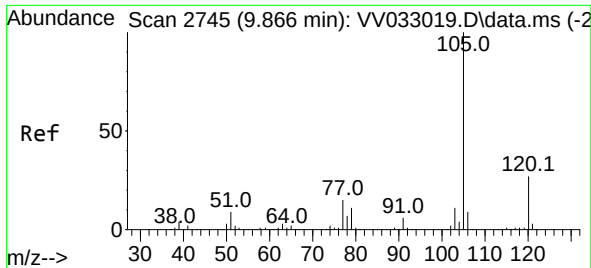
Tgt Ion: 83 Resp: 162258
Ion Ratio Lower Upper
83 100
85 64.2 45.8 85.2
131 11.2 9.4 14.0



#59
Bromoform
Concen: 43.046 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

Tgt Ion: 173 Resp: 108382
Ion Ratio Lower Upper
173 100
175 48.7 38.7 58.1
254 10.0 7.9 11.9

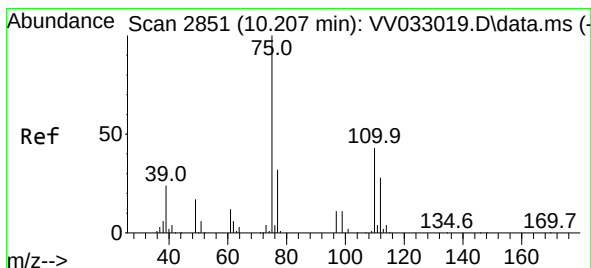
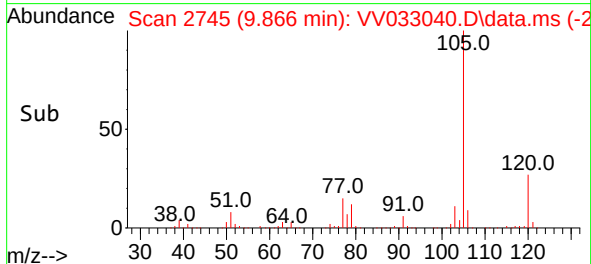
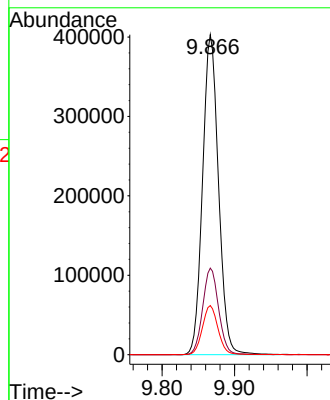
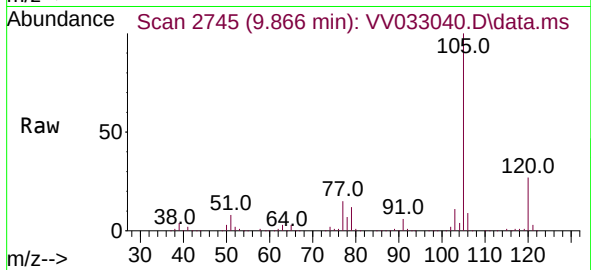




#60
Isopropylbenzene
Concen: 46.915 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

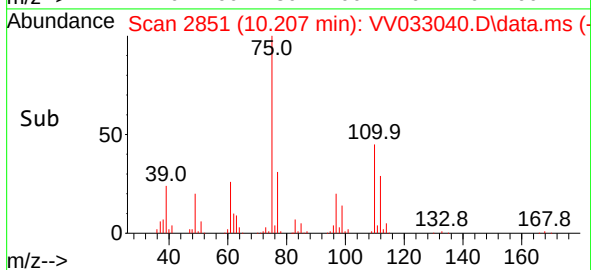
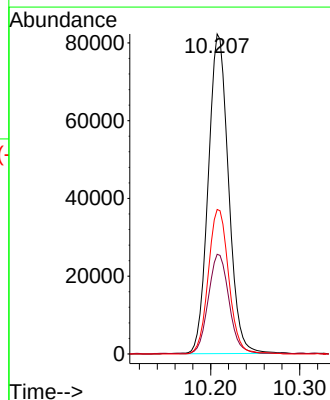
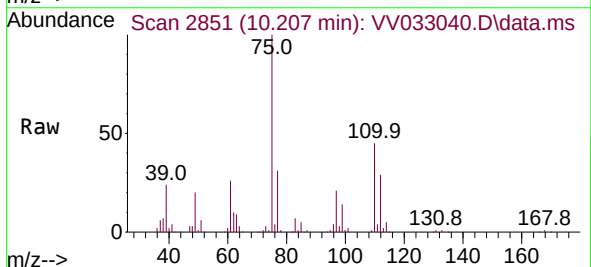
Instrument :
MSVOA_V
ClientSampleId :

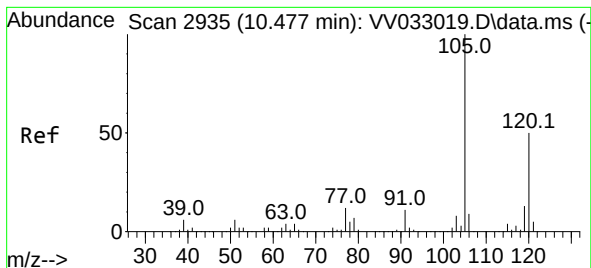
Tgt Ion:105 Resp: 614449
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.2
77 15.0 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 41.643 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

Tgt Ion: 75 Resp: 129788
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.2
110 45.5 36.2 54.4

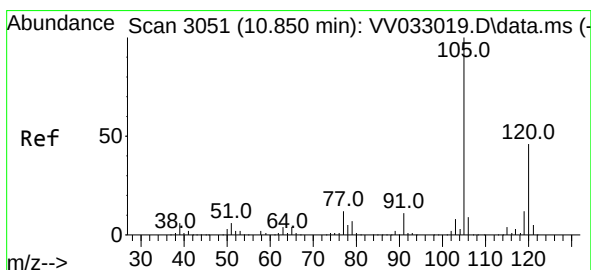
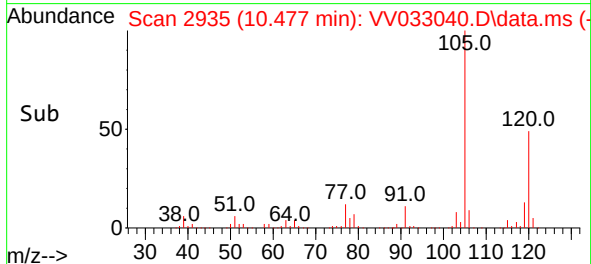
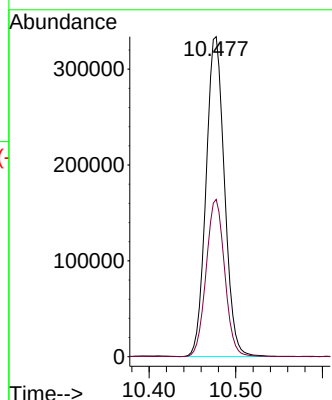
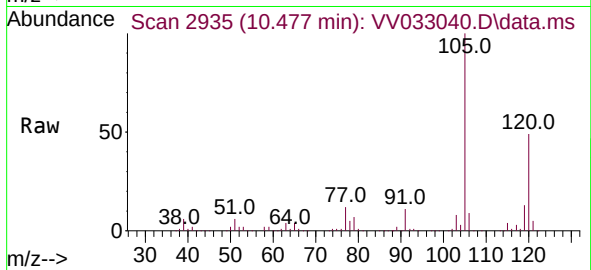




#62
1,3,5-Trimethylbenzene
Concen: 46.968 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

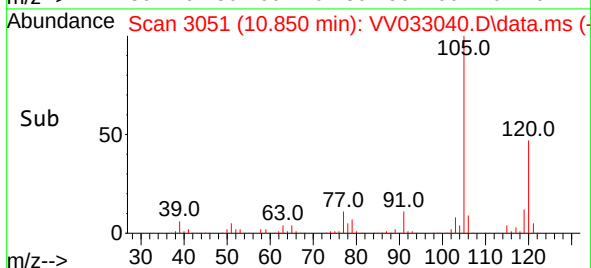
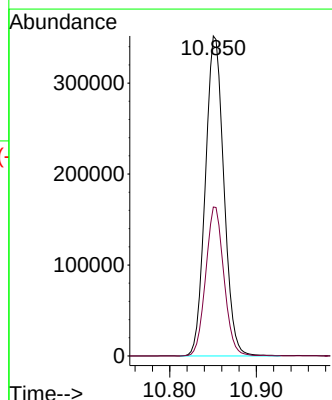
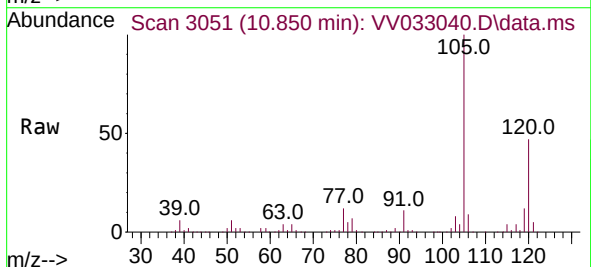
Instrument :
MSVOA_V
ClientSampleId :

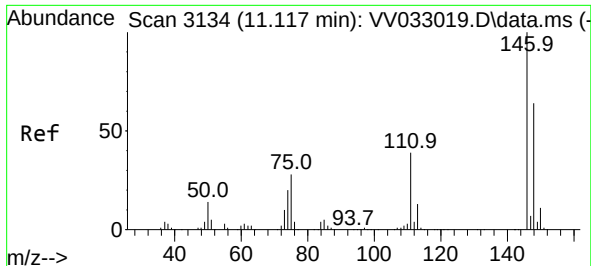
Tgt Ion:105 Resp: 493544
Ion Ratio Lower Upper
105 100
120 49.6 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 47.406 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

Tgt Ion:105 Resp: 521855
Ion Ratio Lower Upper
105 100
120 45.8 36.7 55.1

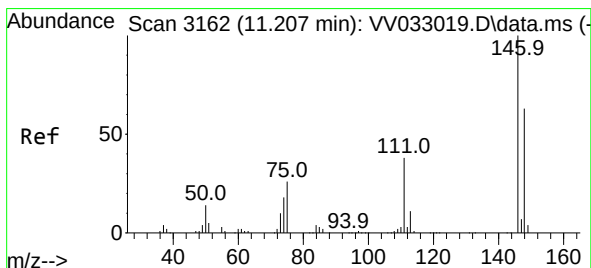
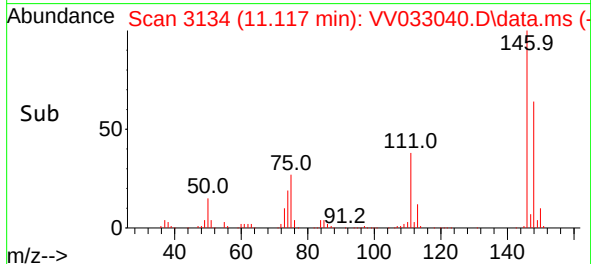
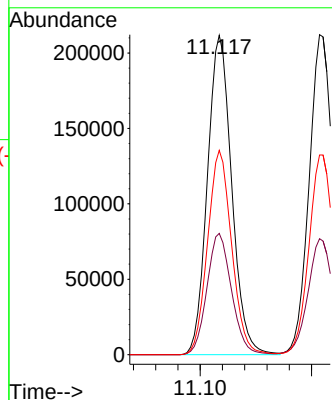
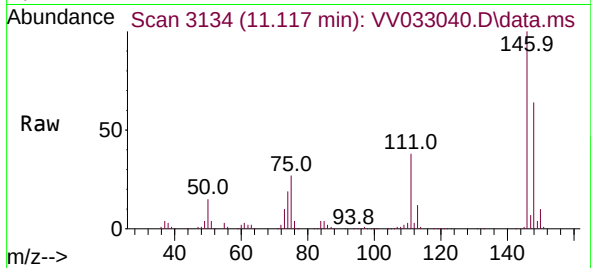




#64
1,3-Dichlorobenzene
Concen: 45.731 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

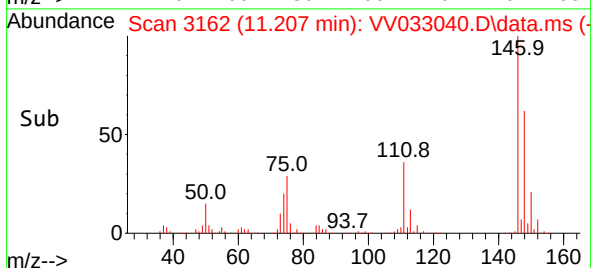
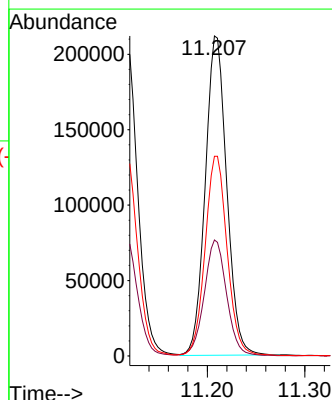
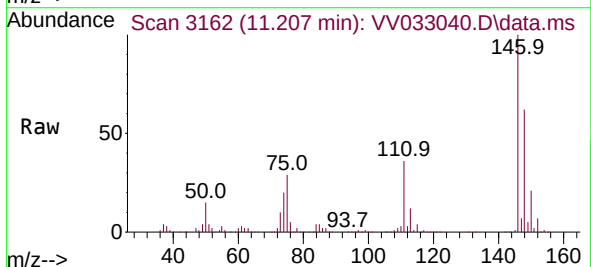
Instrument :
MSVOA_V
ClientSampleId :

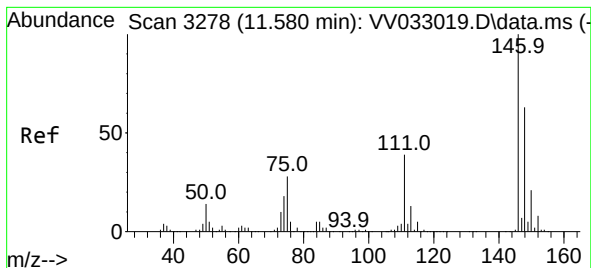
Tgt Ion:146 Resp: 320887
Ion Ratio Lower Upper
146 100
111 38.0 26.5 49.1
148 64.0 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 43.403 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV033040.D
Acq: 21 Nov 2023 08:46

Tgt Ion:146 Resp: 323726
Ion Ratio Lower Upper
146 100
111 36.2 25.1 46.7
148 62.4 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 44.589 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033040.D

Acq: 21 Nov 2023 08:46

Instrument :

MSVOA_V

ClientSampleId :

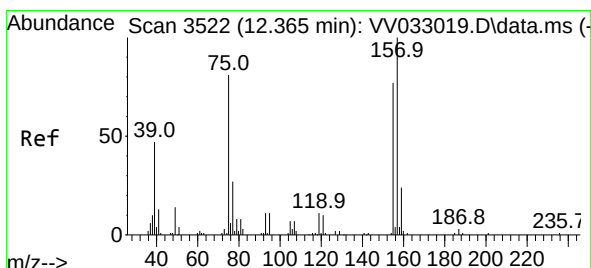
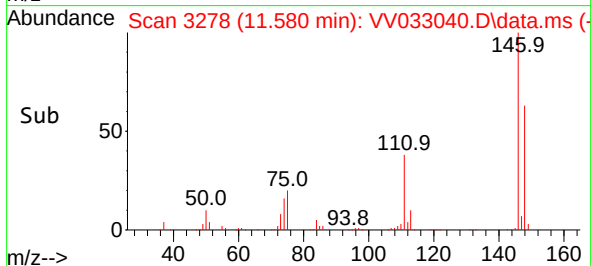
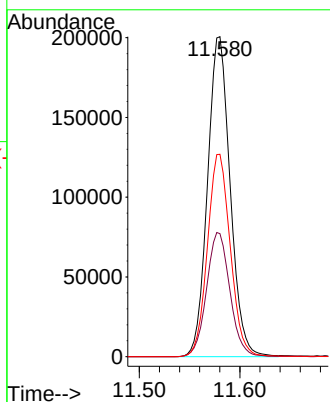
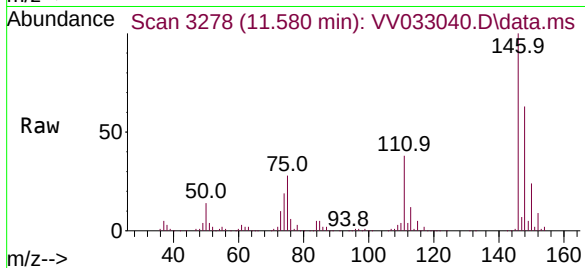
Tgt Ion:146 Resp: 313948

Ion Ratio Lower Upper

146 100

111 38.4 31.8 47.6

148 63.3 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 39.546 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033040.D

Acq: 21 Nov 2023 08:46

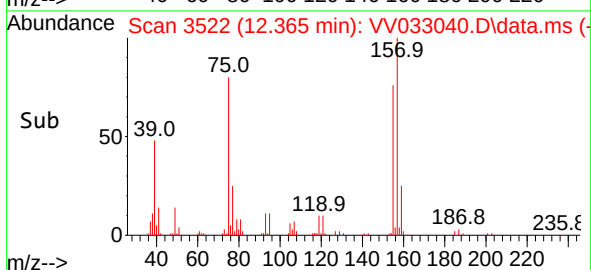
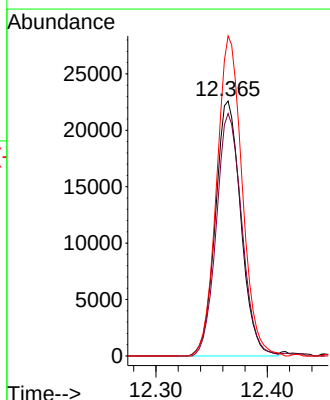
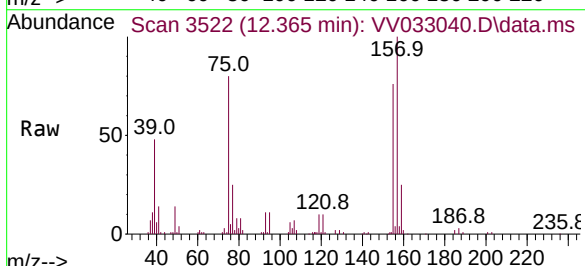
Tgt Ion: 75 Resp: 35855

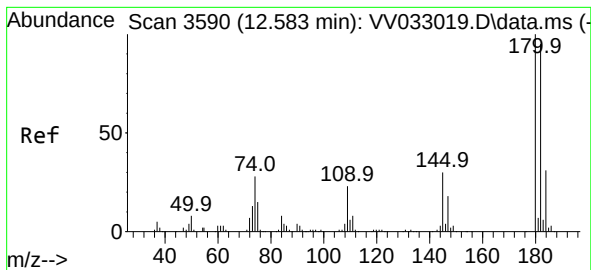
Ion Ratio Lower Upper

75 100

155 95.1 79.8 119.8

157 125.5 102.5 153.7





#69

1,3,5-Trichlorobenzene

Concen: 46.142 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. -0.000 min

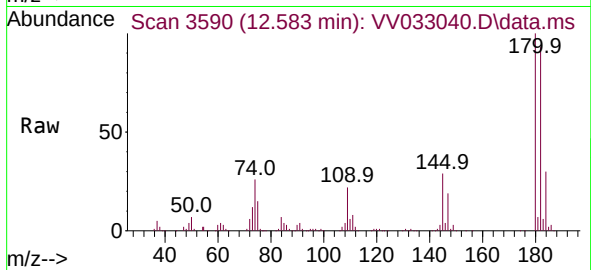
Lab File: VV033040.D

Acq: 21 Nov 2023 08:46

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 251717

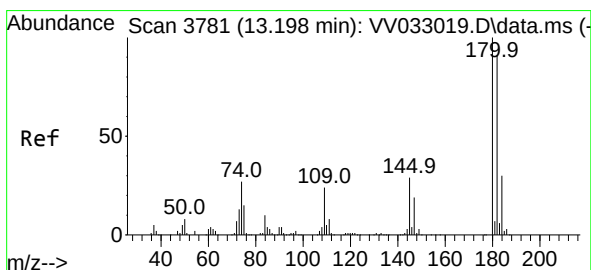
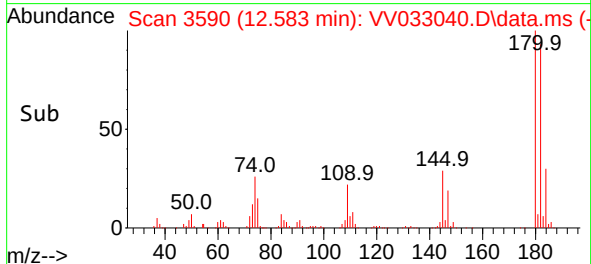
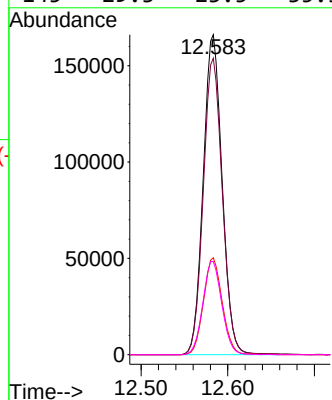
Ion Ratio Lower Upper

180 100

182 93.4 76.6 115.0

184 30.1 24.5 36.7

145 29.3 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 45.997 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV033040.D

Acq: 21 Nov 2023 08:46

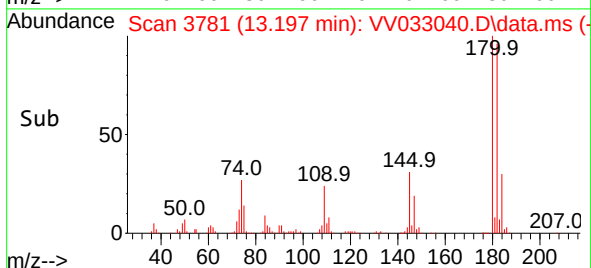
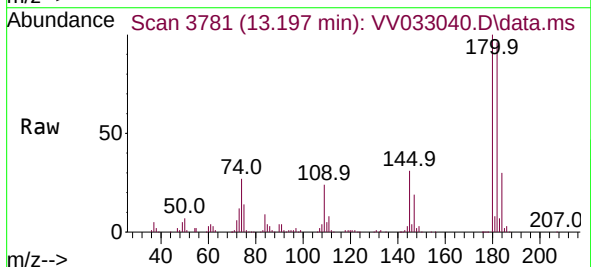
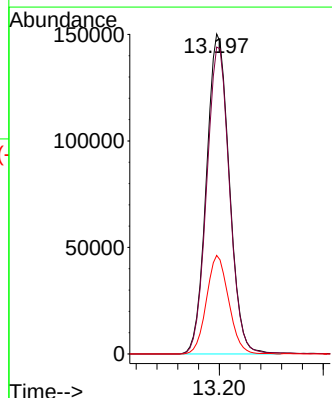
Tgt Ion:180 Resp: 229957

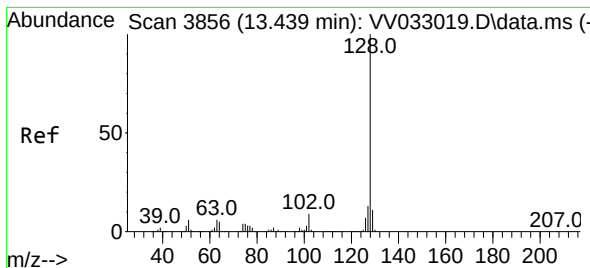
Ion Ratio Lower Upper

180 100

182 95.5 76.8 115.2

145 29.7 23.2 34.8





#71

Naphthalene

Concen: 44.794 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV033040.D

Acq: 21 Nov 2023 08:46

Instrument :

MSVOA_V

ClientSampleId :

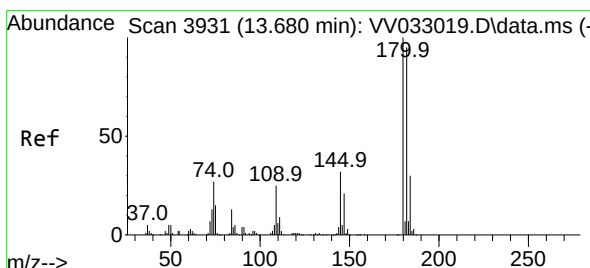
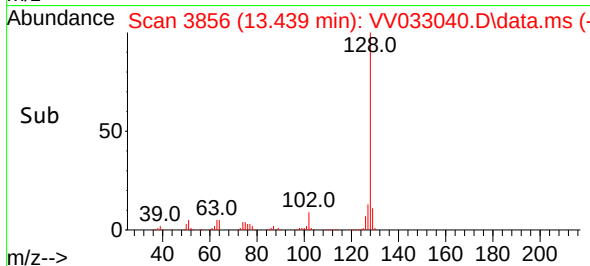
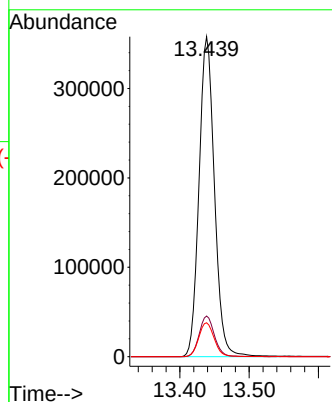
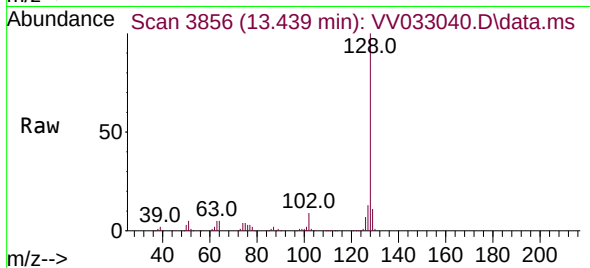
Tgt Ion:128 Resp: 553894

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 46.606 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV033040.D

Acq: 21 Nov 2023 08:46

Tgt Ion:180 Resp: 225909

Ion Ratio Lower Upper

180 100

182 94.6 76.6 114.8

145 31.3 25.5 38.3

