

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013124\
 Data File : VW033932.D
 Acq On : 31 Jan 2024 19:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 01 05:32:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 01 04:45:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	209958	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	197158	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	99603	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	64818	40.169	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.340%
7) Chloroethane-d5	1.529	69	53537	41.895	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.060	65	30275	43.595	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.200%
21) 2-Butanone-d5	3.783	46	93254	84.256	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.260%
24) Chloroform-d	4.249	84	124264	43.067	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.140%
26) 1,2-Dichloroethane-d4	4.940	65	83566	44.824	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.640%
32) Benzene-d6	4.960	84	228596	40.784	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.560%
36) 1,2-Dichloropropane-d6	5.989	67	69856	37.862	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.720%
41) Toluene-d8	7.243	98	207719	41.131	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.260%
43) trans-1,3-Dichloroprop...	7.551	79	38010	41.685	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.360%
47) 2-Hexanone-d5	8.024	63	65398	85.454	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.450%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	94824	40.258	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.520%
66) 1,2-Dichlorobenzene-d4	11.561	152	82837	43.835	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	68401	39.161	ug/L	99
3) Chloromethane	1.217	50	77170	38.853	ug/L	100
5) Vinyl chloride	1.281	62	78932	41.541	ug/L	100
6) Bromomethane	1.481	94	39189	39.463	ug/L	99
8) Chloroethane	1.545	64	50179	44.288	ug/L	98
9) Trichlorofluoromethane	1.712	101	124985	55.122	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	67034	50.180	ug/L	94
12) 1,1-Dichloroethene	2.069	96	63287	50.225	ug/L	93
13) Acetone	2.111	43	82430	77.894	ug/L	99
14) Carbon disulfide	2.240	76	173224	40.447	ug/L	99
15) Methyl Acetate	2.371	43	73125	42.258	ug/L #	100
16) Methylene chloride	2.445	84	66473	43.243	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	60020	42.641	ug/L	92
18) Methyl tert-butyl Ether	2.703	73	231554	45.741	ug/L	98
19) 1,1-Dichloroethane	3.111	63	124712	43.339	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	70454	44.974	ug/L	93
22) 2-Butanone	3.863	43	99846	77.686	ug/L	99
23) Bromochloromethane	4.146	128	36740	48.277	ug/L #	81
25) Chloroform	4.275	83	128216	46.994	ug/L	99

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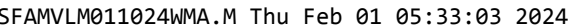
Instrument :
 MSVOA_V
 ClientSampleId :

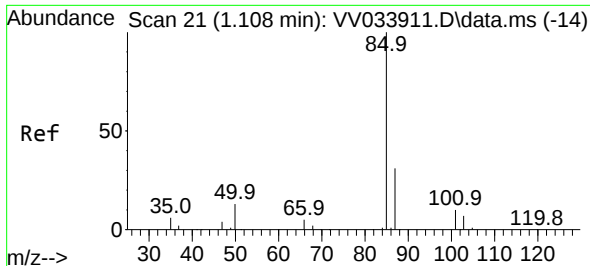
Quant Time: Feb 01 05:32:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 01 04:45:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	106146	46.579	ug/L	99
29) Cyclohexane	4.580	56	108677	39.100	ug/L	93
30) 1,1,1-Trichloroethane	4.513	97	118471	50.072	ug/L	98
31) Carbon tetrachloride	4.735	117	105419	52.200	ug/L	98
33) Benzene	5.008	78	253727	43.815	ug/L	100
34) Trichloroethene	5.834	95	68427	44.051	ug/L	98
35) Methylcyclohexane	6.050	83	108680	40.882	ug/L	96
37) 1,2-Dichloropropane	6.092	63	69131	43.383	ug/L	99
38) Bromodichloromethane	6.432	83	96996	46.529	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	117726	44.241	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	197148	83.496	ug/L #	96
42) Toluene	7.313	91	275085	44.938	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	109023	44.459	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	66377	45.909	ug/L	98
46) Tetrachloroethene	7.905	164	53639	47.078	ug/L	96
48) 2-Hexanone	8.072	43	151016	80.267	ug/L	98
49) Dibromochloromethane	8.175	129	71245	47.312	ug/L	99
50) 1,2-Dibromoethane	8.281	107	67819	44.386	ug/L #	100
51) Chlorobenzene	8.815	112	174897	44.854	ug/L	97
52) Ethylbenzene	8.947	91	313753	44.252	ug/L	99
53) m,p-Xylene	9.072	106	115453	44.108	ug/L	99
54) o-Xylene	9.477	106	114744	44.279	ug/L	99
55) Styrene	9.497	104	195449	43.686	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	100318	43.597	ug/L	99
59) Bromoform	9.664	173	50092	47.319	ug/L	96
60) Isopropylbenzene	9.866	105	316216	46.923	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	80412	45.490	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	265794	45.968	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	262752	45.607	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	139952	45.976	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	137919	45.187	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	139835	47.014	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	24629	48.283	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	103521	46.022	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	93136	45.618	ug/L	98
71) Naphthalene	13.439	128	235406	44.125	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	92803	48.699	ug/L	100

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

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QLast Update : Thu Feb 01 04:45:22 2024
Response via : Initial Calibration

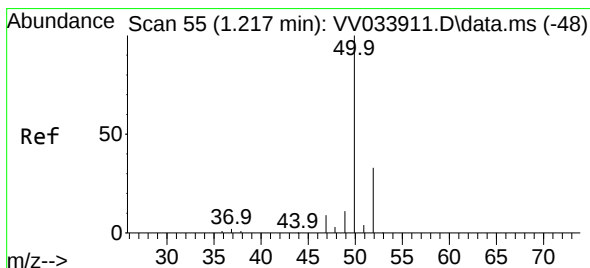
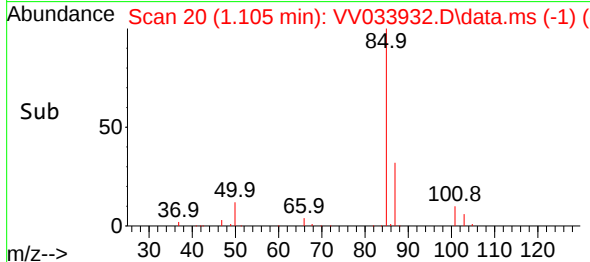
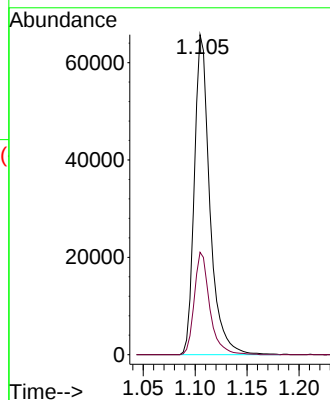
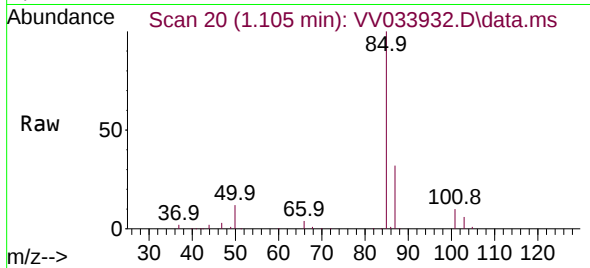




#2
 Dichlorodifluoromethane
 Concen: 39.161 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV033932.D
 Acq: 31 Jan 2024 19:52

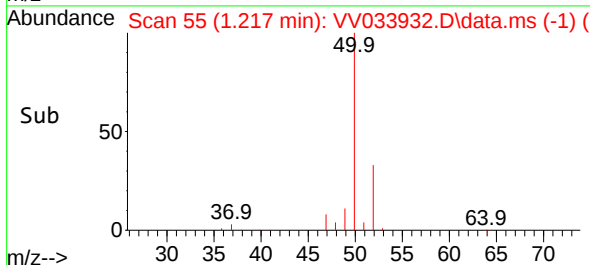
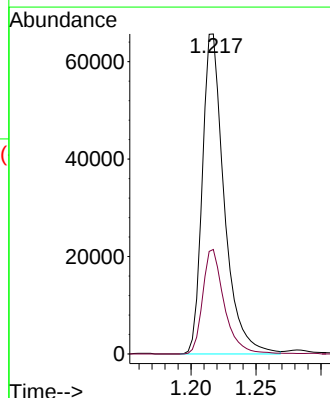
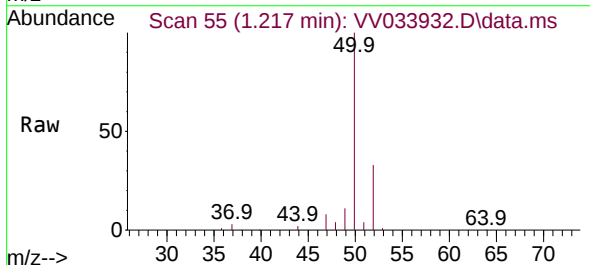
Instrument :
 MSVOA_V
 ClientSampleId :

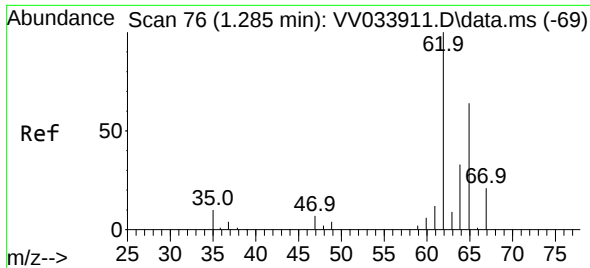
Tgt Ion: 85 Resp: 68401
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.8 38.6



#3
 Chloromethane
 Concen: 38.853 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV033932.D
 Acq: 31 Jan 2024 19:52

Tgt Ion: 50 Resp: 77170
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.8 42.4

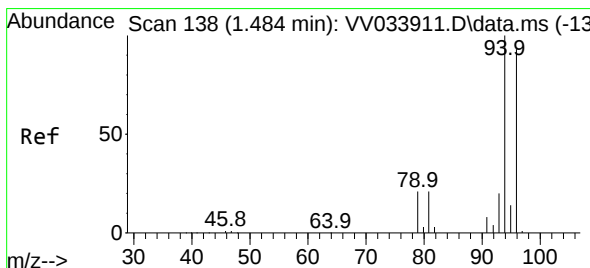
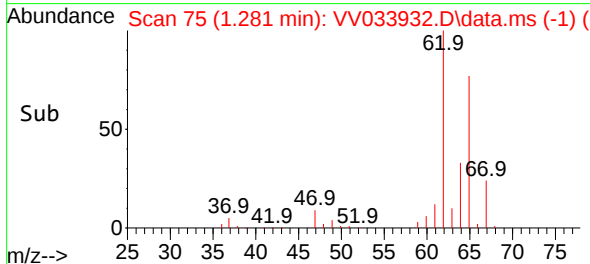
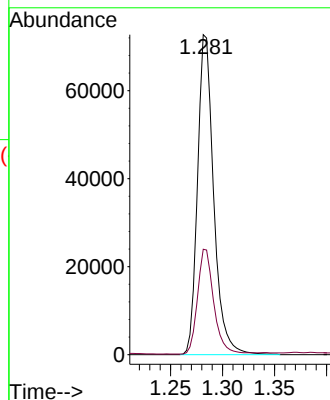
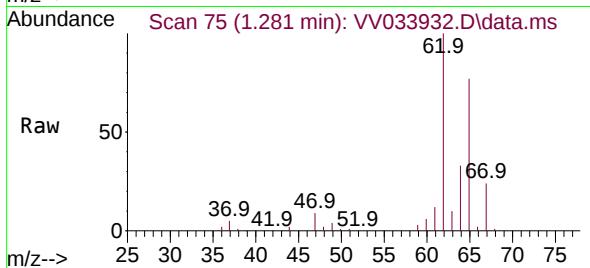




#5
 Vinyl chloride
 Concen: 41.541 ug/L
 RT: 1.281 min Scan# 76
 Delta R.T. -0.004 min
 Lab File: VV033932.D
 Acq: 31 Jan 2024 19:52

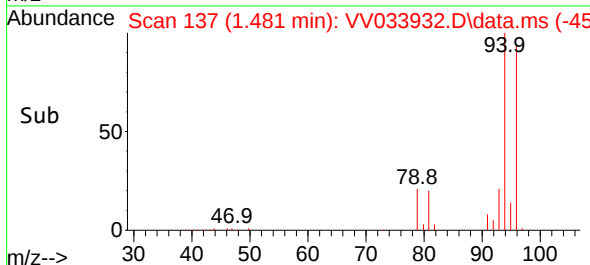
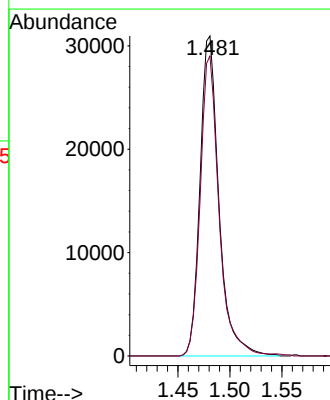
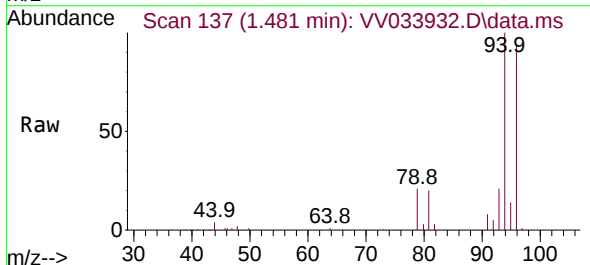
Instrument :
 MSVOA_V
 ClientSampleId :

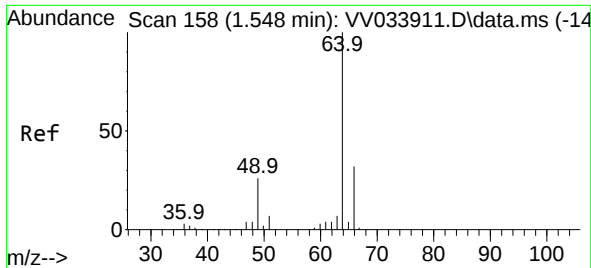
Tgt Ion: 62 Resp: 78932
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.2 43.0



#6
 Bromomethane
 Concen: 39.463 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.003 min
 Lab File: VV033932.D
 Acq: 31 Jan 2024 19:52

Tgt Ion: 94 Resp: 39189
 Ion Ratio Lower Upper
 94 100
 96 93.7 66.4 123.2

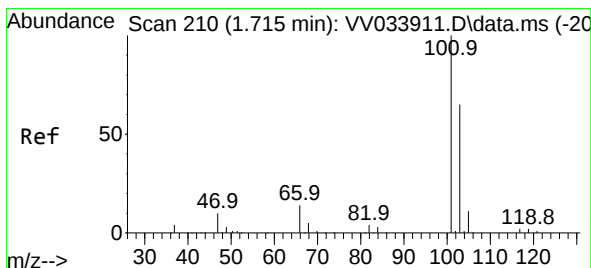
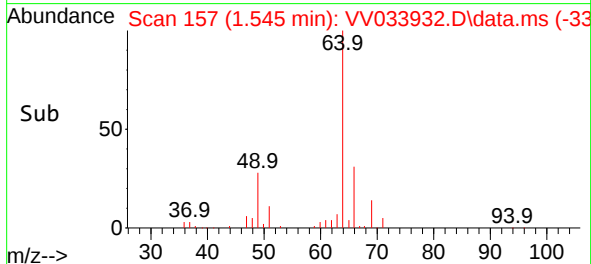
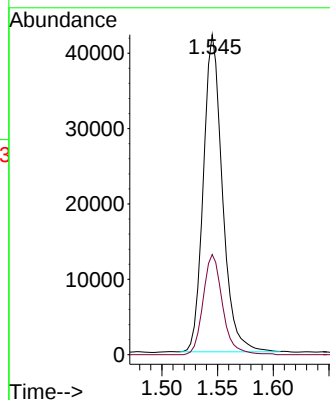
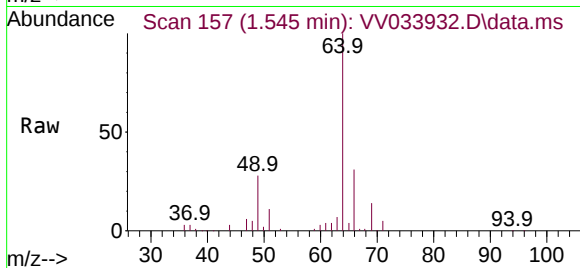




#8
Chloroethane
Concen: 44.288 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

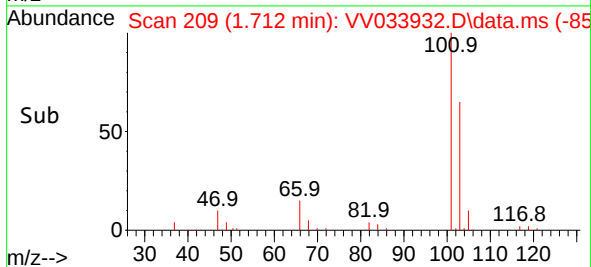
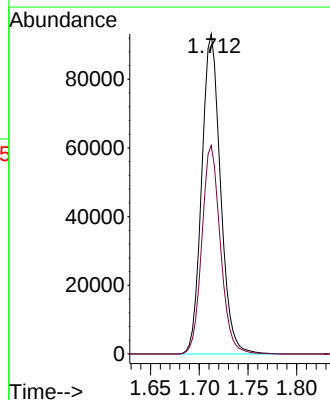
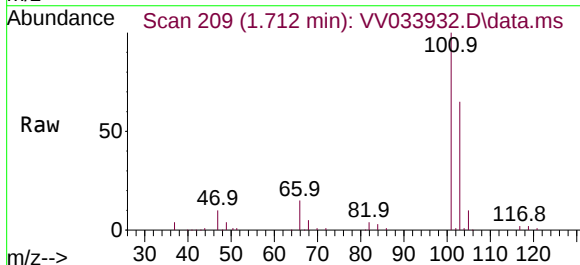
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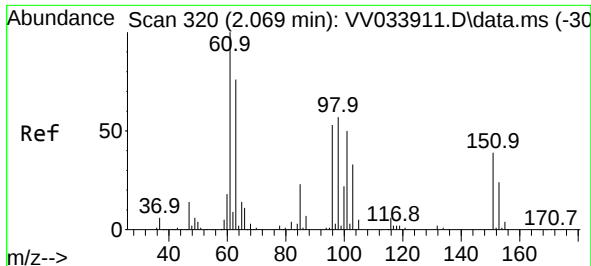
Tgt Ion: 64 Resp: 50179
Ion Ratio Lower Upper
64 100
66 31.3 22.5 41.9



#9
Trichlorofluoromethane
Concen: 55.122 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

Tgt Ion:101 Resp: 124985
Ion Ratio Lower Upper
101 100
103 64.3 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 50.180 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033932.D

Acq: 31 Jan 2024 19:52

Instrument :

MSVOA_V

ClientSampleId :

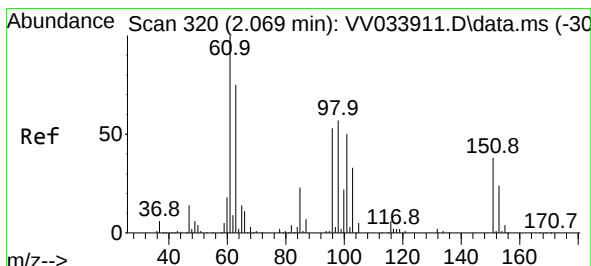
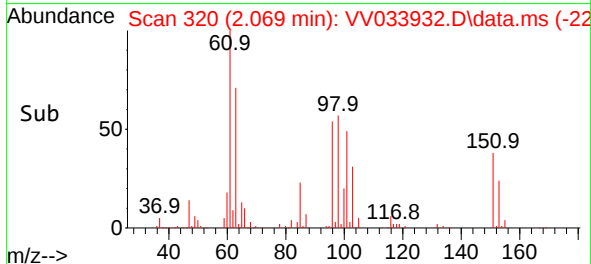
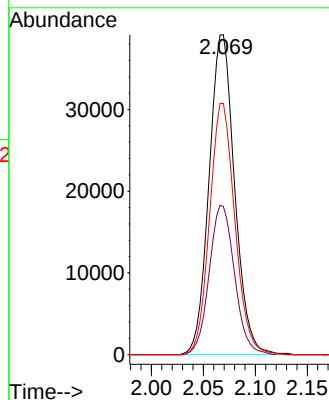
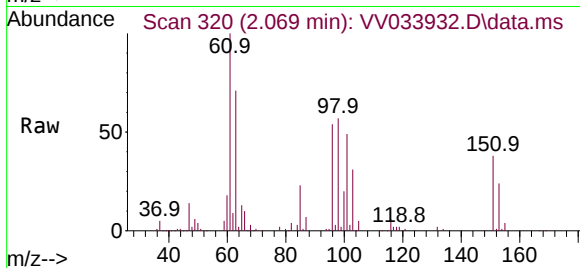
Tgt Ion:101 Resp: 67034

Ion Ratio Lower Upper

101 100

85 46.2 36.2 54.4

151 77.6 56.5 84.7



#12

1,1-Dichloroethene

Concen: 50.225 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV033932.D

Acq: 31 Jan 2024 19:52

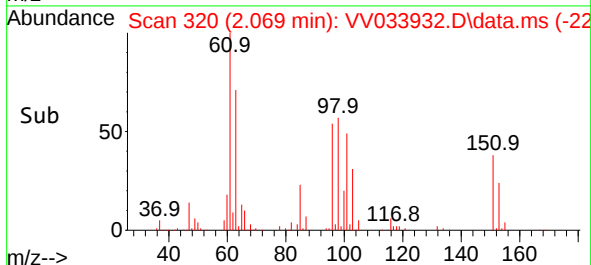
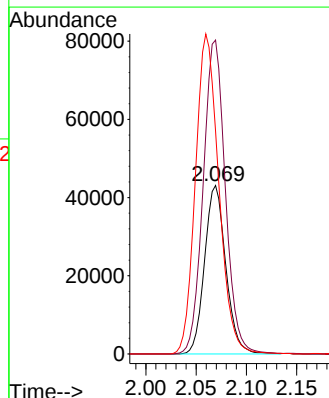
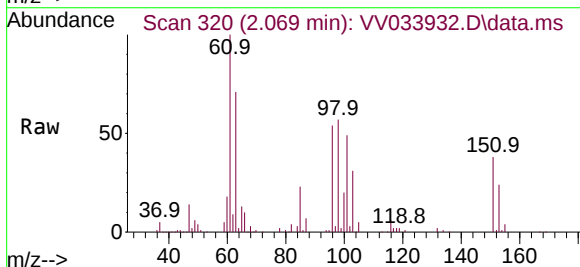
Tgt Ion: 96 Resp: 63287

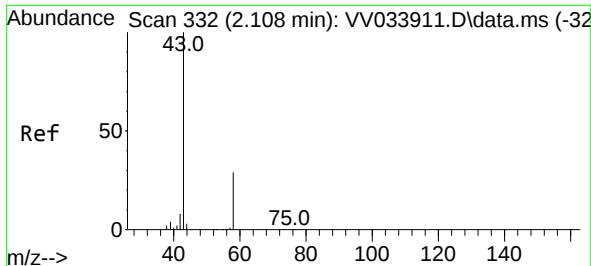
Ion Ratio Lower Upper

96 100

61 186.4 134.0 248.8

63 132.4 103.4 192.0





#13

Acetone

Concen: 77.894 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033932.D

Acq: 31 Jan 2024 19:52

Instrument :

MSVOA_V

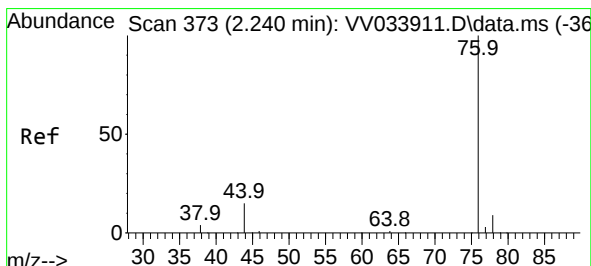
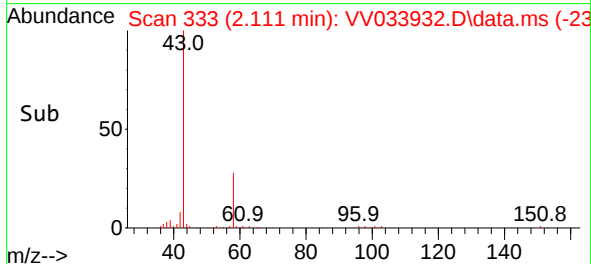
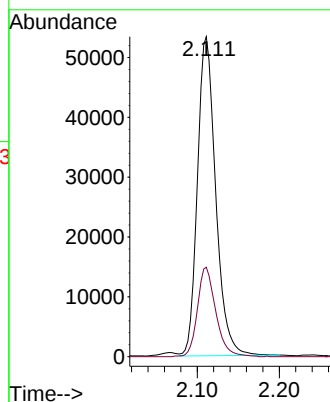
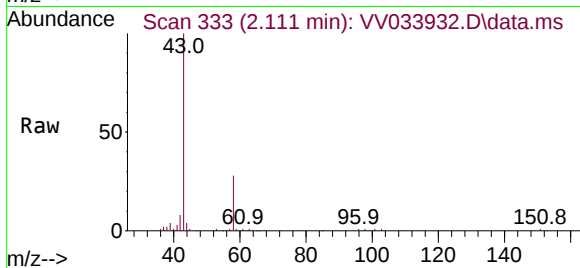
ClientSampleId :

Tgt Ion: 43 Resp: 82430

Ion Ratio Lower Upper

43 100

58 28.1 0.0 57.2



#14

Carbon disulfide

Concen: 40.447 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV033932.D

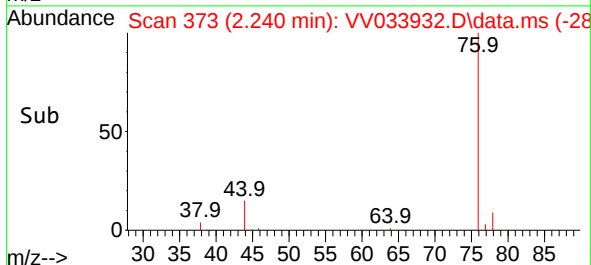
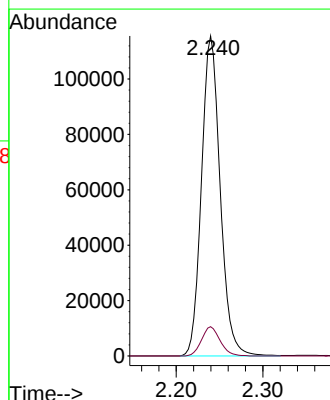
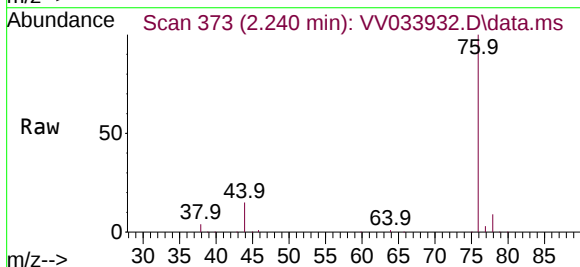
Acq: 31 Jan 2024 19:52

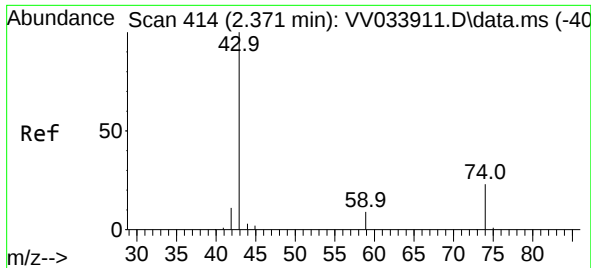
Tgt Ion: 76 Resp: 173224

Ion Ratio Lower Upper

76 100

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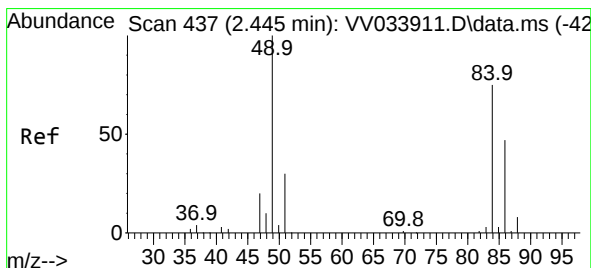
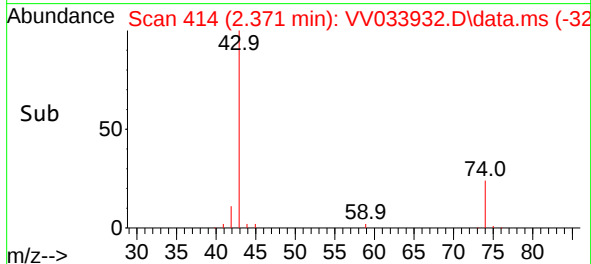
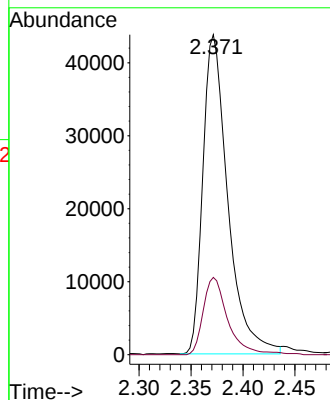
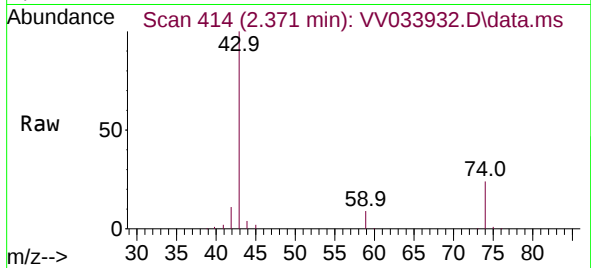




#15
Methyl Acetate
Concen: 42.258 ug/L
RT: 2.371 min Scan# 414
Delta R.T. 0.000 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

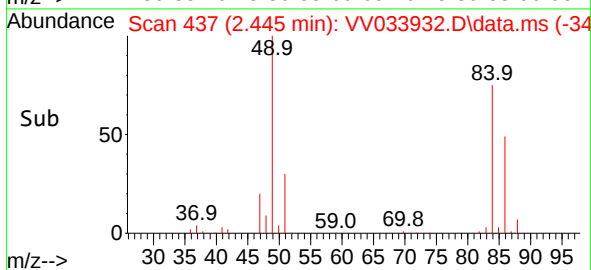
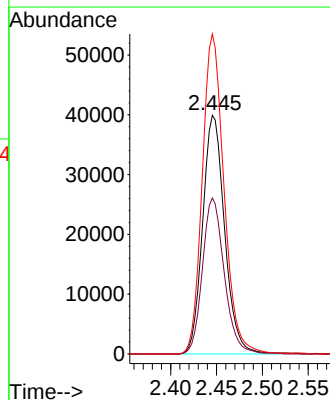
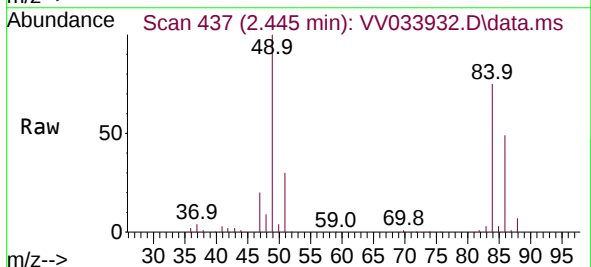
Instrument :
MSVOA_V
ClientSampleId :

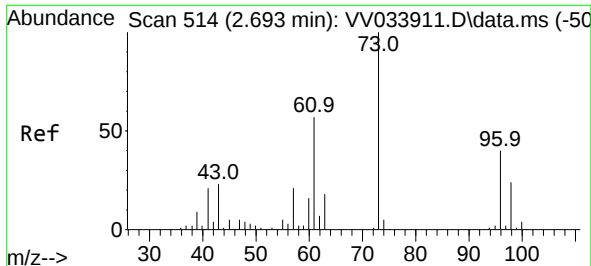
Tgt Ion: 43 Resp: 73125
Ion Ratio Lower Upper
43 100
74 23.8 0.0 0.0#



#16
Methylene chloride
Concen: 43.243 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

Tgt Ion: 84 Resp: 66473
Ion Ratio Lower Upper
84 100
86 65.3 43.9 81.5
49 134.0 98.3 182.5





#17

trans-1,2-Dichloroethene

Concen: 42.641 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

Lab File: VV033932.D

Acq: 31 Jan 2024 19:52

Instrument :

MSVOA_V

ClientSampleId :

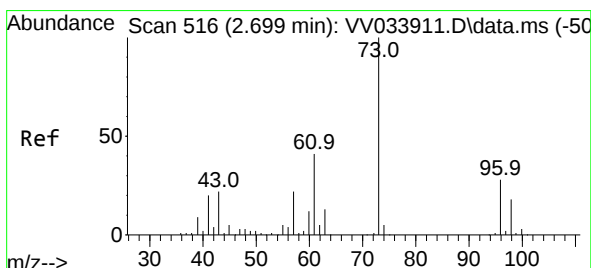
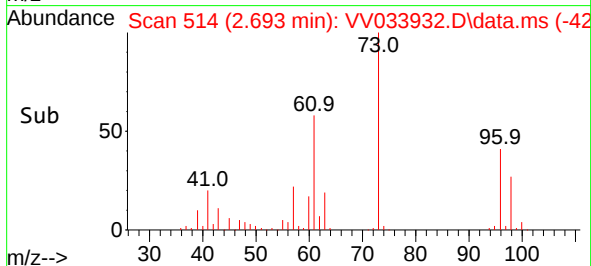
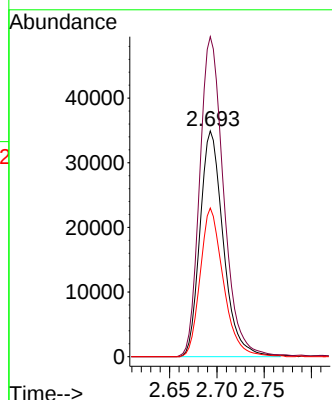
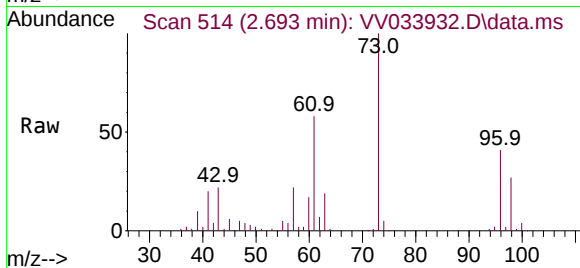
Tgt Ion: 96 Resp: 60020

Ion Ratio Lower Upper

96 100

61 141.7 108.4 201.4

98 65.8 43.8 81.4



#18

Methyl tert-butyl Ether

Concen: 45.741 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.004 min

Lab File: VV033932.D

Acq: 31 Jan 2024 19:52

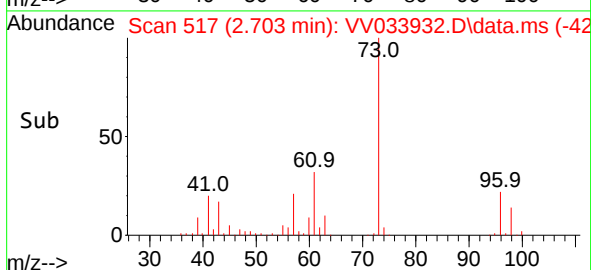
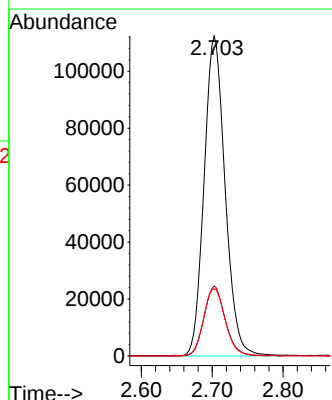
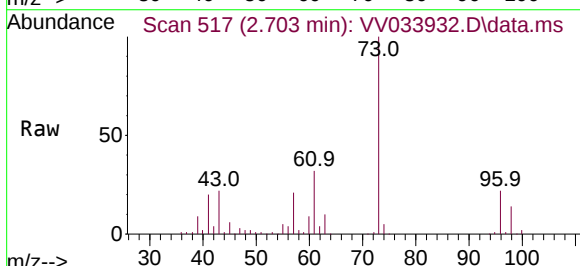
Tgt Ion: 73 Resp: 231554

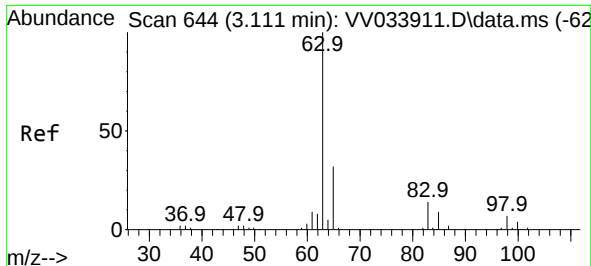
Ion Ratio Lower Upper

73 100

43 21.6 17.4 26.2

57 21.5 18.6 27.8





#19

1,1-Dichloroethane

Concen: 43.339 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV033932.D

Acq: 31 Jan 2024 19:52

Instrument :

MSVOA_V

ClientSampleId :

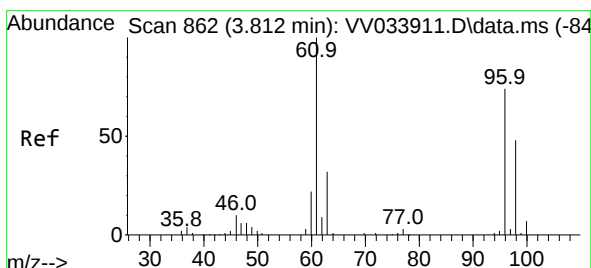
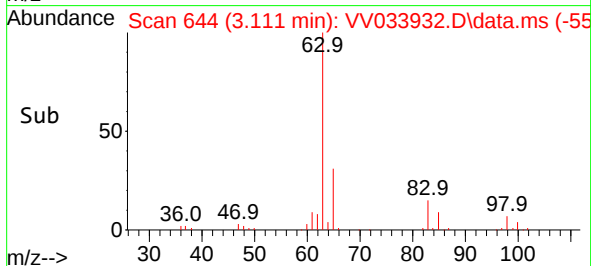
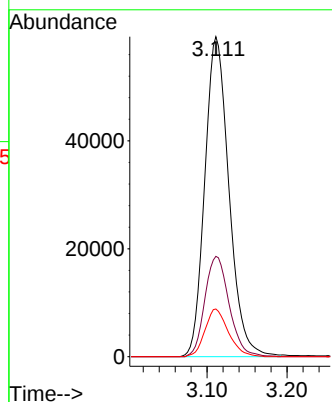
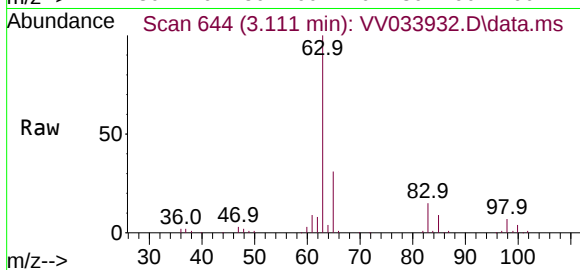
Tgt Ion: 63 Resp: 124712

Ion Ratio Lower Upper

63 100

65 31.4 22.4 41.6

83 14.9 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 44.974 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV033932.D

Acq: 31 Jan 2024 19:52

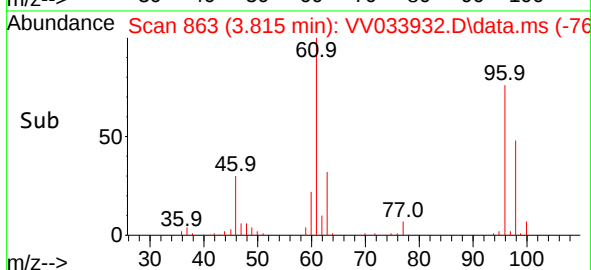
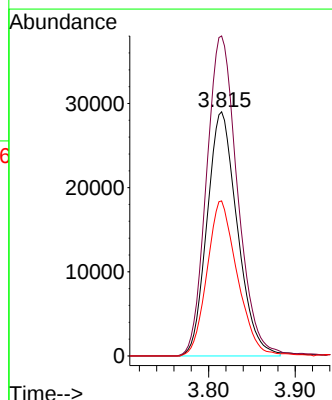
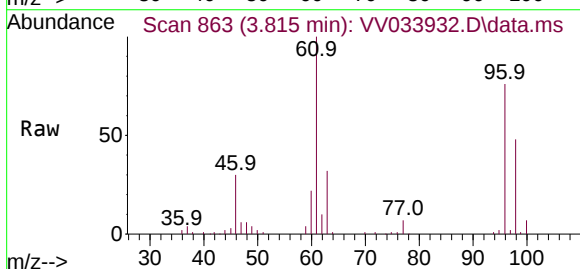
Tgt Ion: 96 Resp: 70454

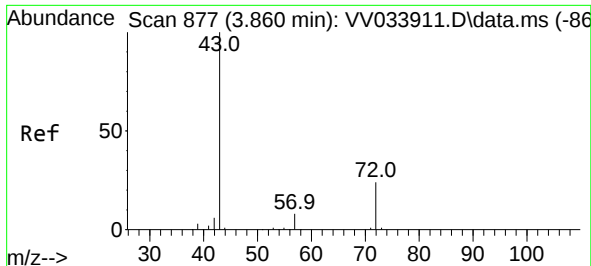
Ion Ratio Lower Upper

96 100

61 131.0 100.6 186.8

98 63.5 44.6 82.8

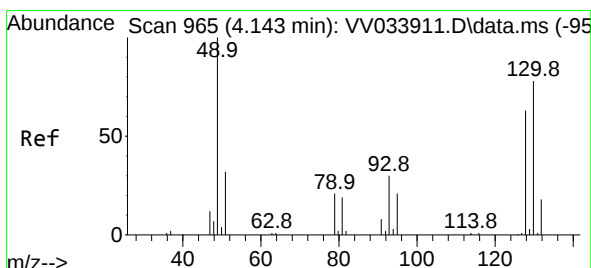
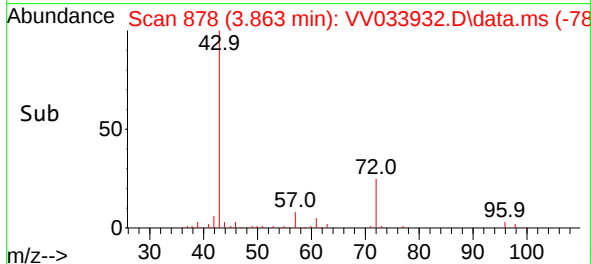
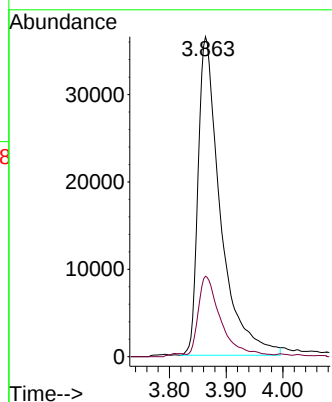
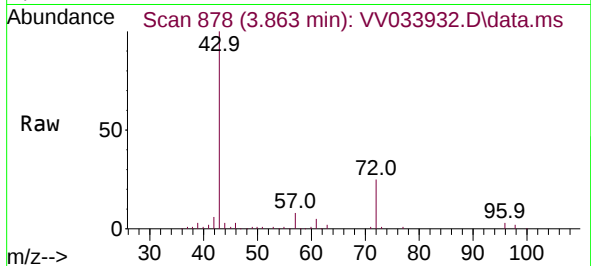




#22
2-Butanone
Concen: 77.686 ug/L
RT: 3.863 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

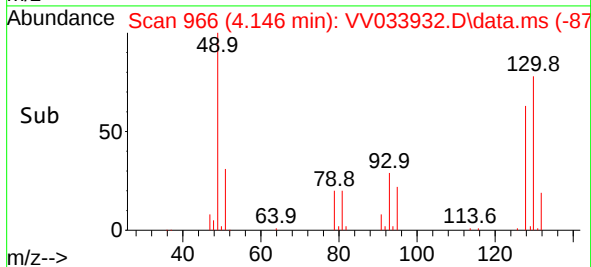
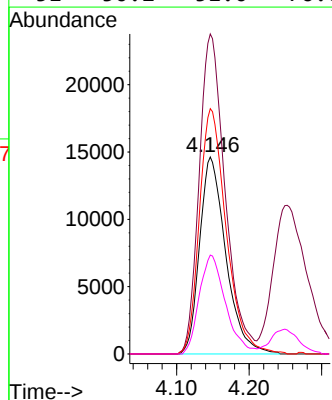
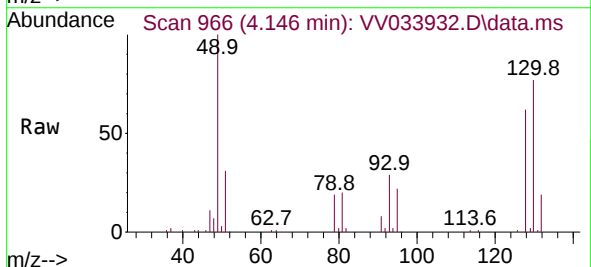
Instrument :
MSVOA_V
ClientSampleId :

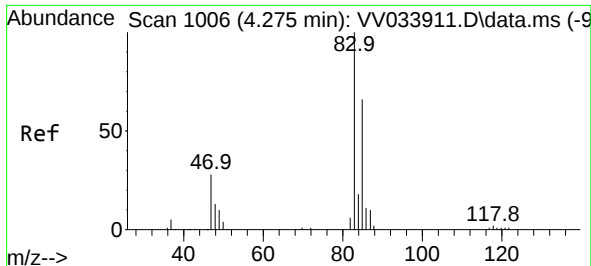
Tgt Ion: 43 Resp: 99846
Ion Ratio Lower Upper
43 100
72 23.4 11.9 35.5



#23
Bromochloromethane
Concen: 48.277 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

Tgt Ion:128 Resp: 36740
Ion Ratio Lower Upper
128 100
49 162.5 143.9 267.2
130 124.5 90.6 168.2
51 50.2 51.0 76.6#





#25

Chloroform

Concen: 46.994 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VV033932.D

Acq: 31 Jan 2024 19:52

Instrument :

MSVOA_V

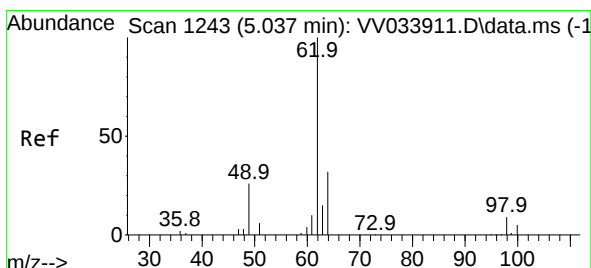
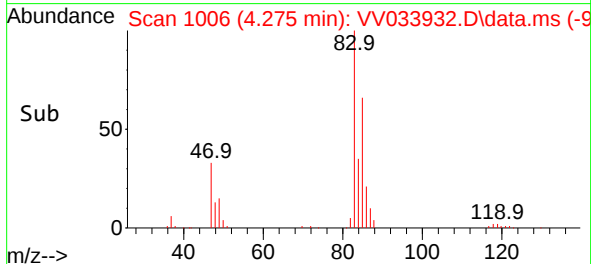
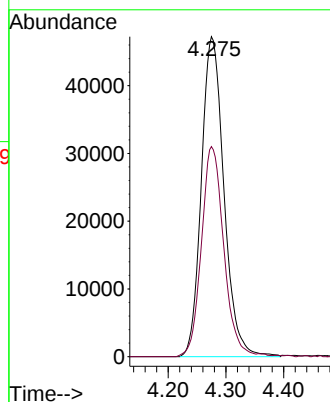
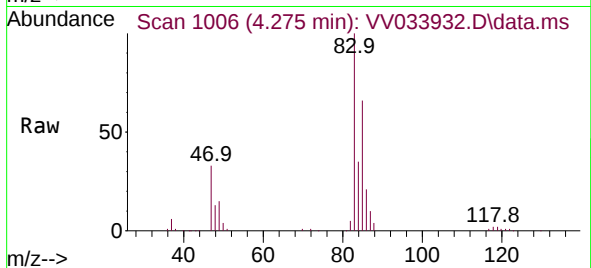
ClientSampleId :

Tgt Ion: 83 Resp: 128216

Ion Ratio Lower Upper

83 100

85 65.7 45.1 83.9



#27

1,2-Dichloroethane

Concen: 46.579 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV033932.D

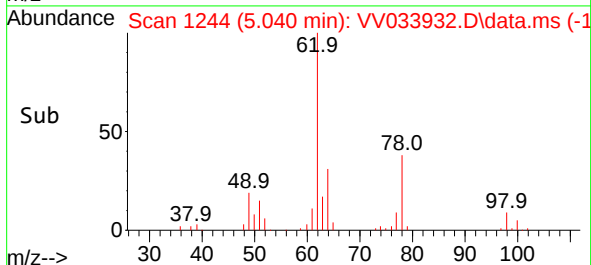
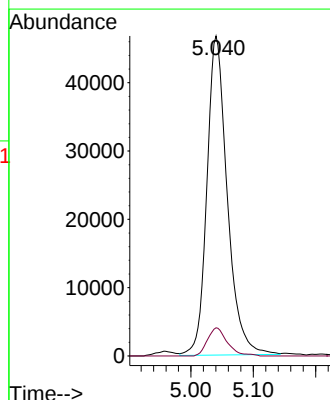
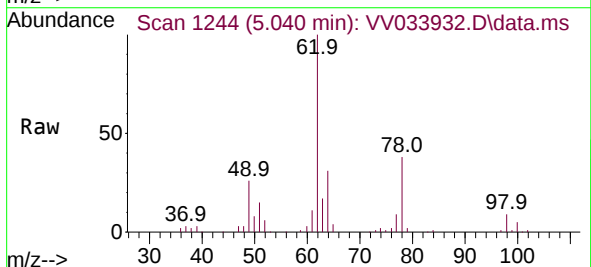
Acq: 31 Jan 2024 19:52

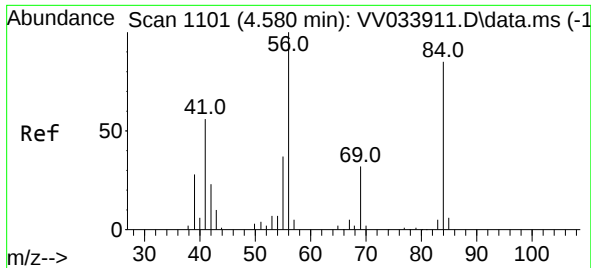
Tgt Ion: 62 Resp: 106146

Ion Ratio Lower Upper

62 100

98 8.8 6.8 10.2

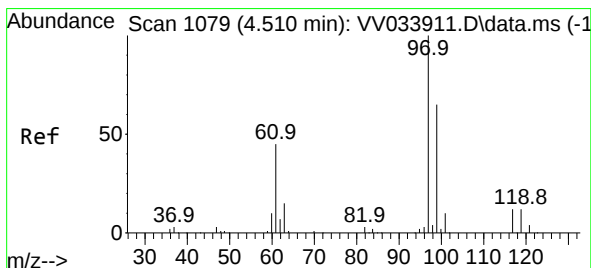
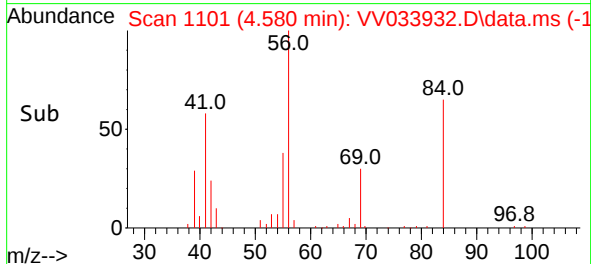
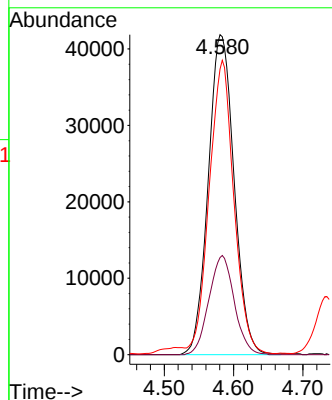
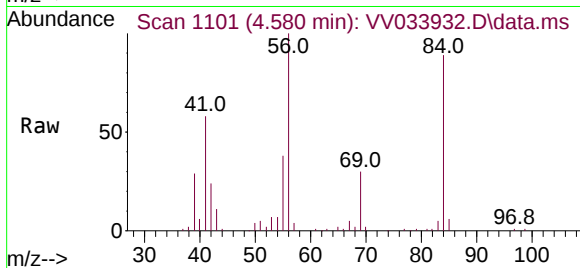




#29
Cyclohexane
Concen: 39.100 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

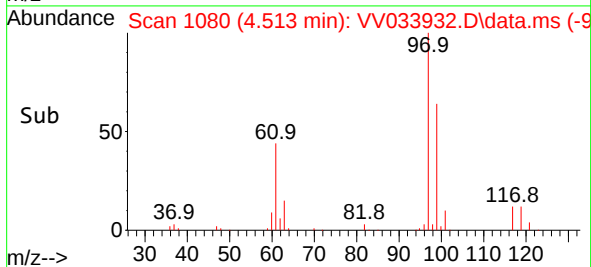
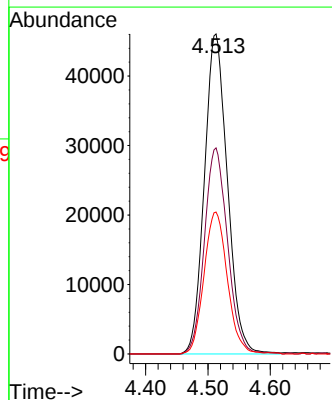
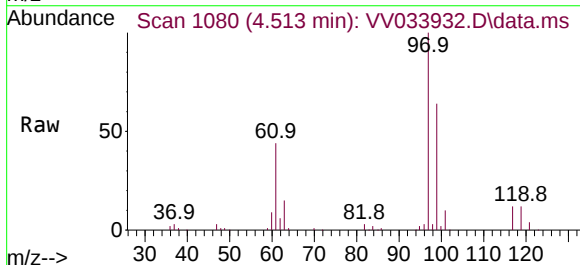
Instrument :
MSVOA_V
ClientSampleId :

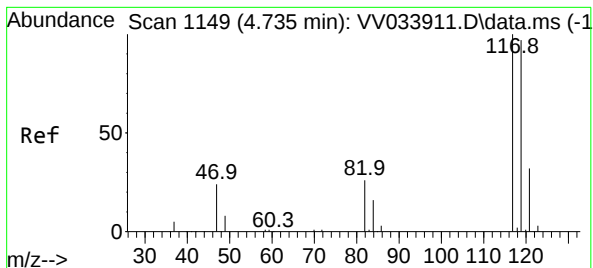
Tgt Ion: 56 Resp: 108677
Ion Ratio Lower Upper
56 100
69 30.3 23.8 35.6
84 87.3 63.8 95.6



#30
1,1,1-Trichloroethane
Concen: 50.072 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

Tgt Ion: 97 Resp: 118471
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 44.9 38.2 57.2





#31

Carbon tetrachloride

Concen: 52.200 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VV033932.D

Acq: 31 Jan 2024 19:52

Instrument :

MSVOA_V

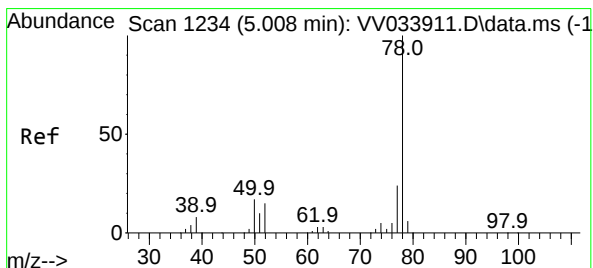
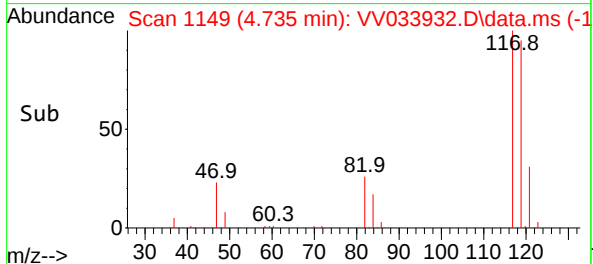
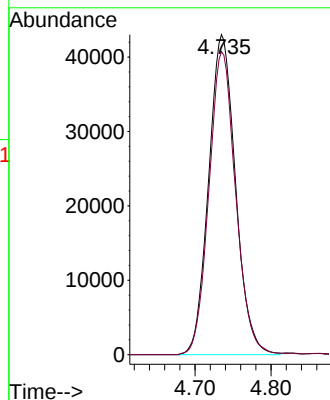
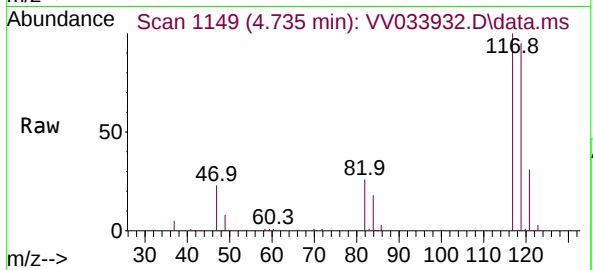
ClientSampleId :

Tgt Ion:117 Resp: 105419

Ion Ratio Lower Upper

117 100

119 94.2 77.0 115.4



#33

Benzene

Concen: 43.815 ug/L

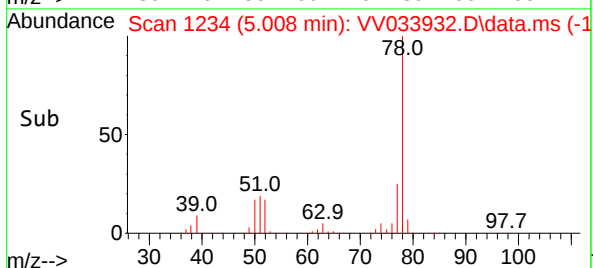
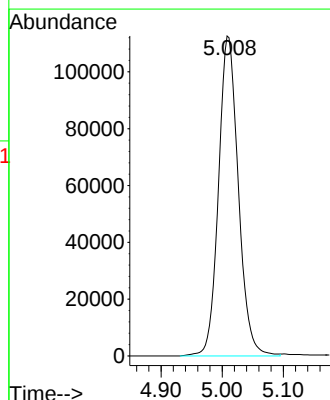
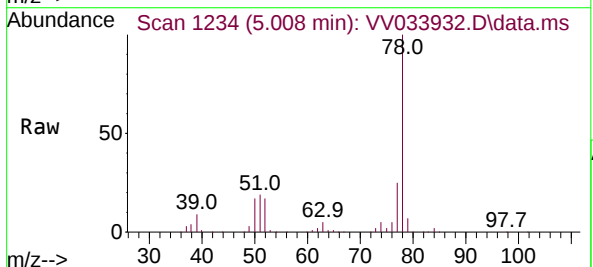
RT: 5.008 min Scan# 1234

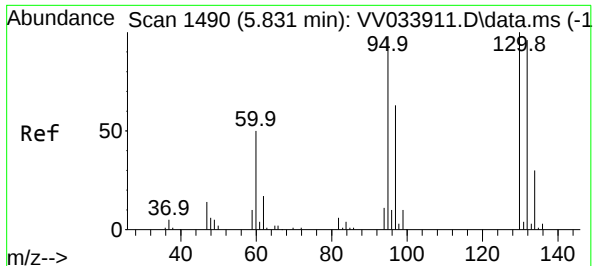
Delta R.T. 0.000 min

Lab File: VV033932.D

Acq: 31 Jan 2024 19:52

Tgt Ion: 78 Resp: 253727

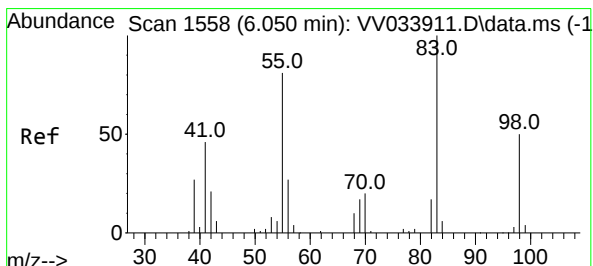
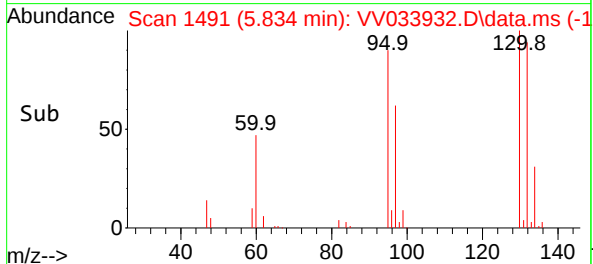
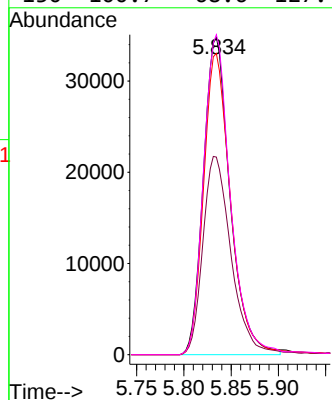
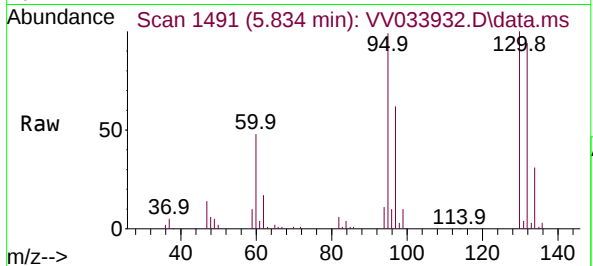




#34
Trichloroethene
Concen: 44.051 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

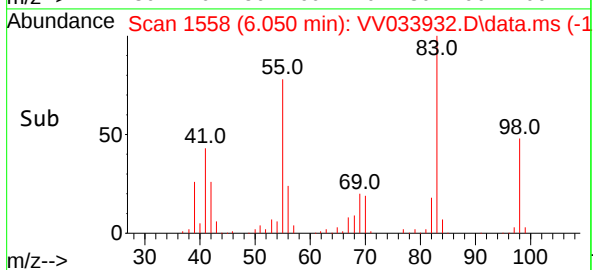
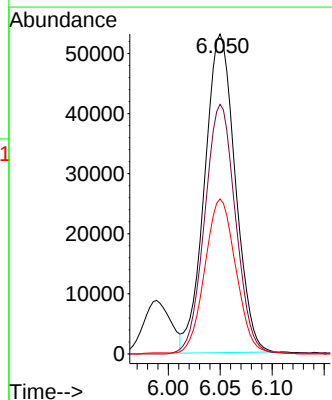
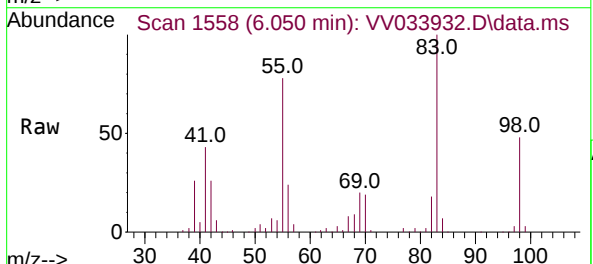
Instrument :
MSVOA_V
ClientSampleId :

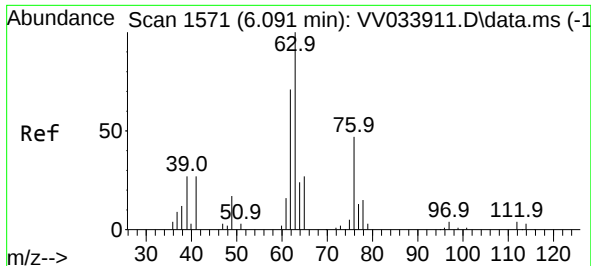
Tgt Ion: 95 Resp: 68427
Ion Ratio Lower Upper
95 100
97 62.2 44.4 82.4
132 94.8 65.5 121.7
130 100.7 68.6 127.4



#35
Methylcyclohexane
Concen: 40.882 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

Tgt Ion: 83 Resp: 108680
Ion Ratio Lower Upper
83 100
55 79.1 67.1 100.7
98 49.1 37.7 56.5





#37

1,2-Dichloropropane

Concen: 43.383 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.001 min

Lab File: VV033932.D

Acq: 31 Jan 2024 19:52

Instrument :

MSVOA_V

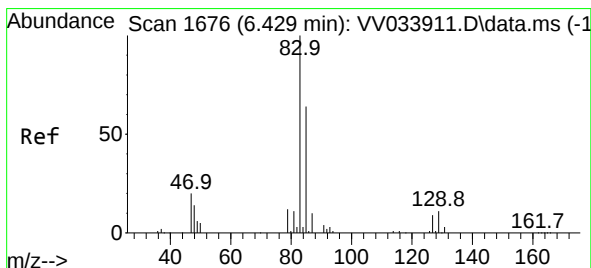
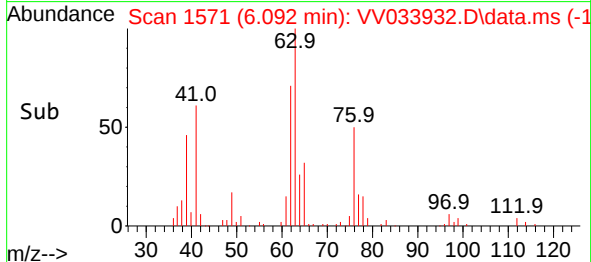
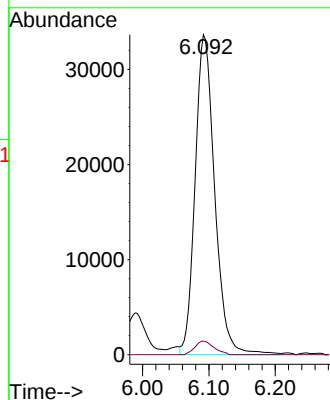
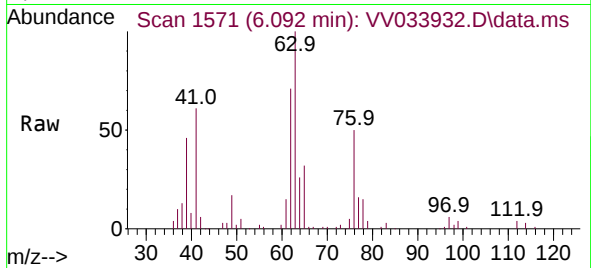
ClientSampleId :

Tgt Ion: 63 Resp: 69131

Ion Ratio Lower Upper

63 100

112 4.1 3.1 4.7



#38

Bromodichloromethane

Concen: 46.529 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.003 min

Lab File: VV033932.D

Acq: 31 Jan 2024 19:52

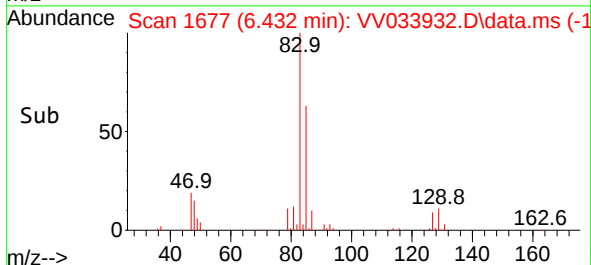
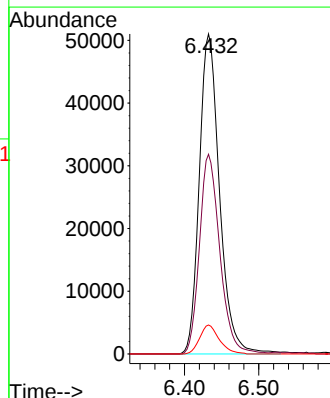
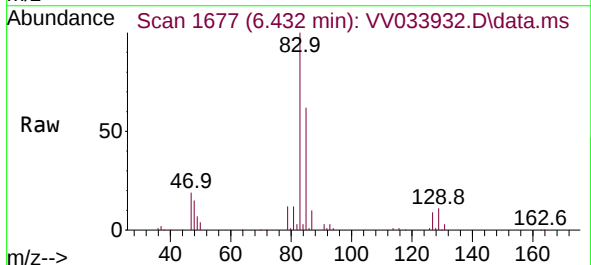
Tgt Ion: 83 Resp: 96996

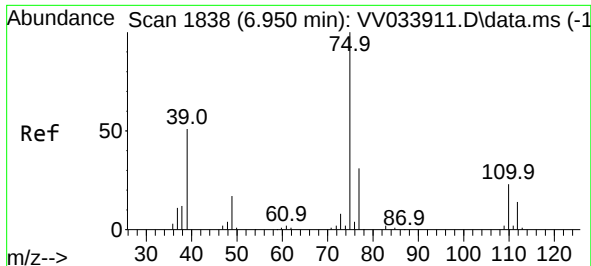
Ion Ratio Lower Upper

83 100

85 62.4 45.1 83.7

127 9.0 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 44.241 ug/L

RT: 6.953 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV033932.D

Acq: 31 Jan 2024 19:52

Instrument :

MSVOA_V

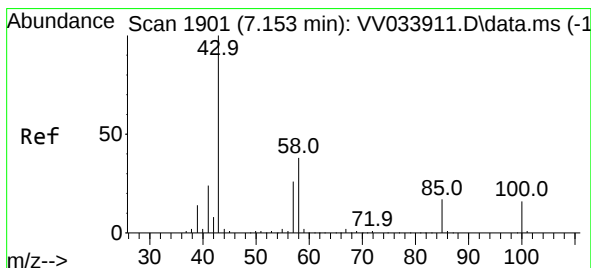
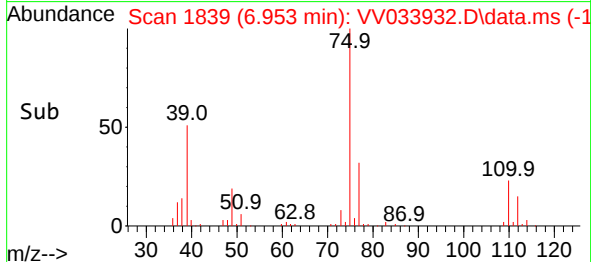
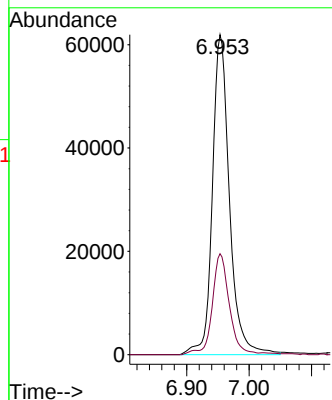
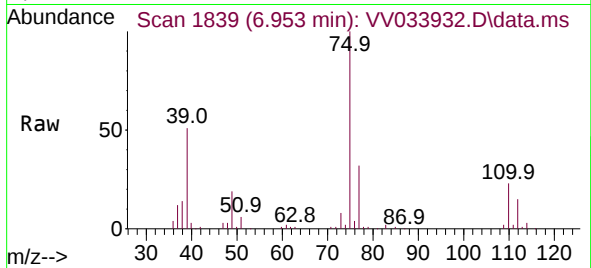
ClientSampleId :

Tgt Ion: 75 Resp: 117726

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 83.496 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.003 min

Lab File: VV033932.D

Acq: 31 Jan 2024 19:52

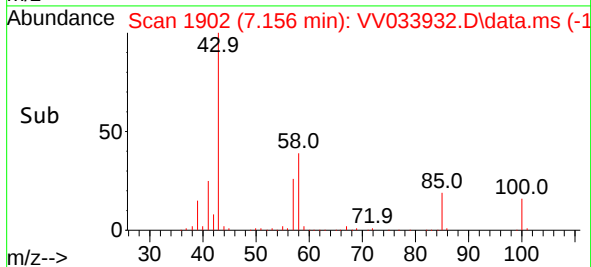
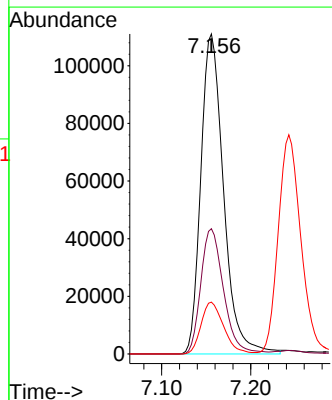
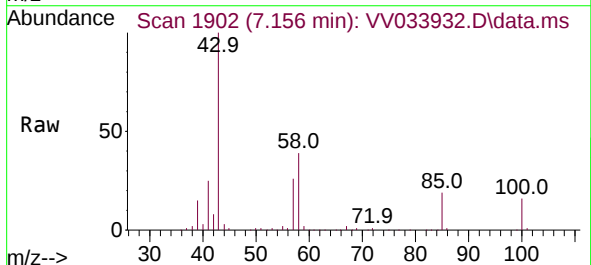
Tgt Ion: 43 Resp: 197148

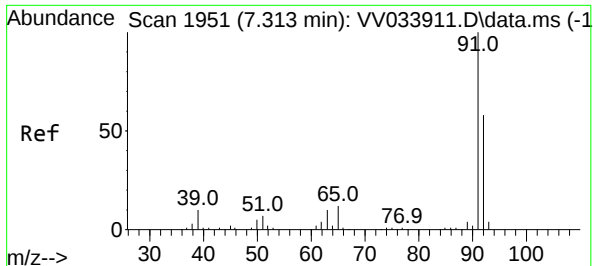
Ion Ratio Lower Upper

43 100

58 39.0 29.6 44.4

100 16.1 10.6 16.0





#42

Toluene

Concen: 44.938 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV033932.D

Acq: 31 Jan 2024 19:52

Instrument :

MSVOA_V

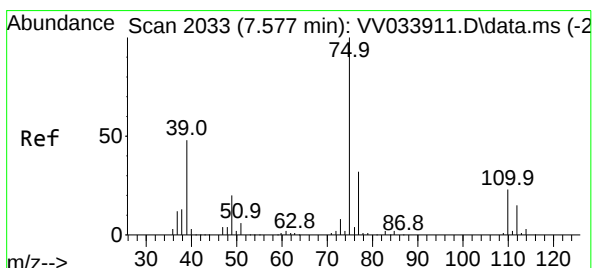
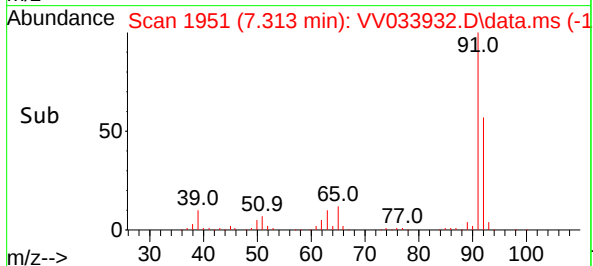
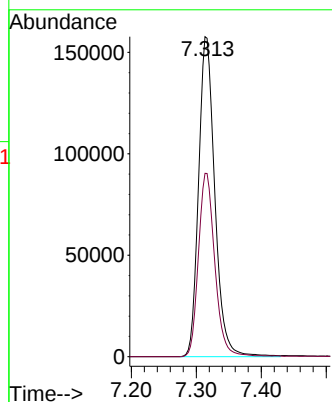
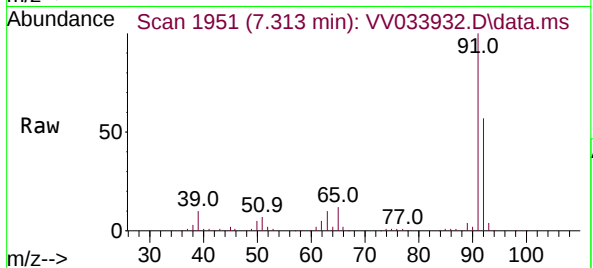
ClientSampleId :

Tgt Ion: 91 Resp: 275085

Ion Ratio Lower Upper

91 100

92 57.3 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 44.459 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV033932.D

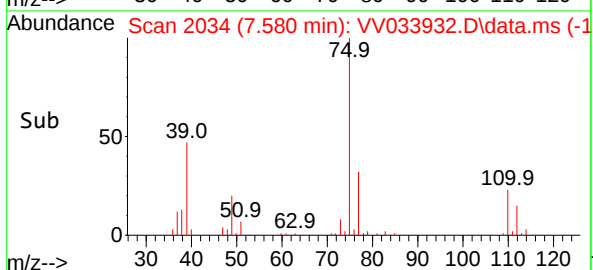
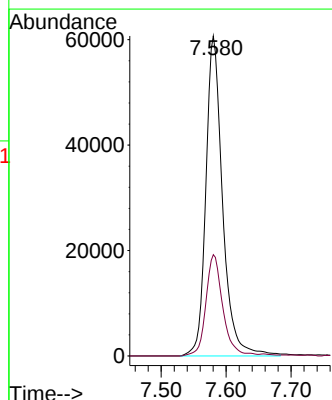
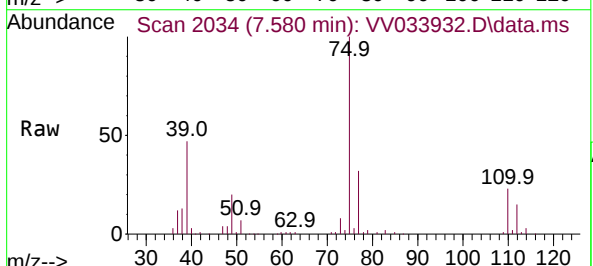
Acq: 31 Jan 2024 19:52

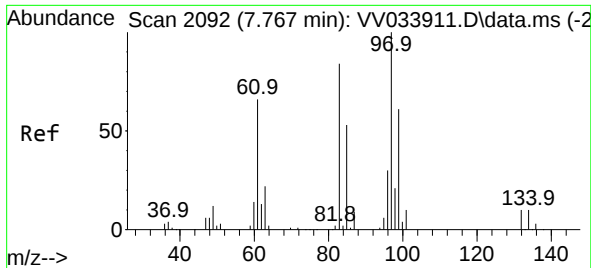
Tgt Ion: 75 Resp: 109023

Ion Ratio Lower Upper

75 100

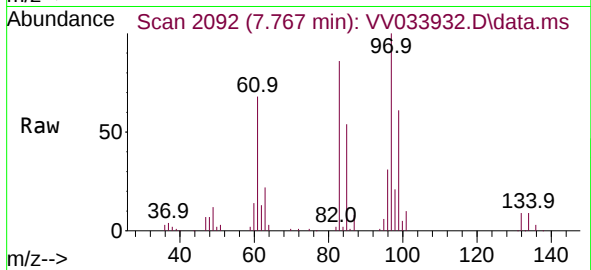
77 31.7 21.6 40.0



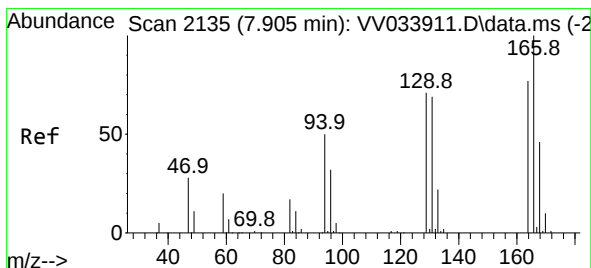
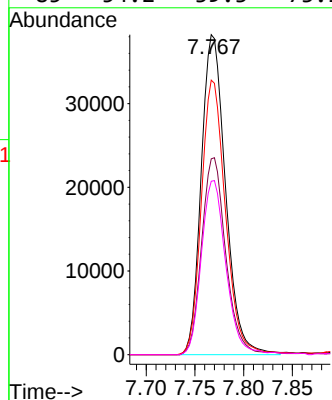
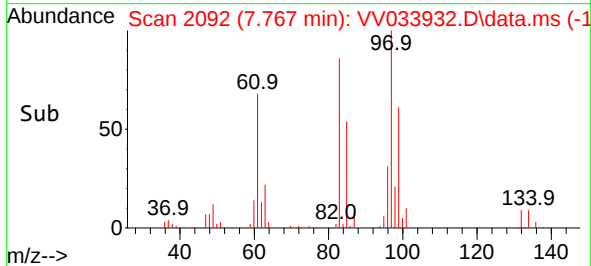


#45
1,1,2-Trichloroethane
Concen: 45.909 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

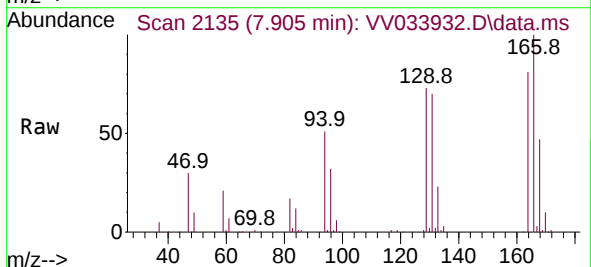
Instrument :
MSVOA_V
ClientSampleId :



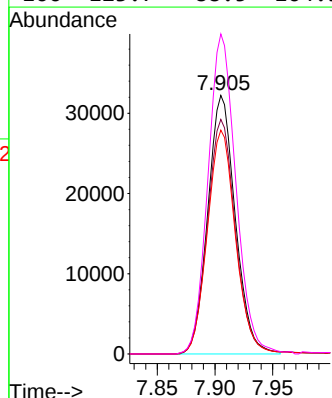
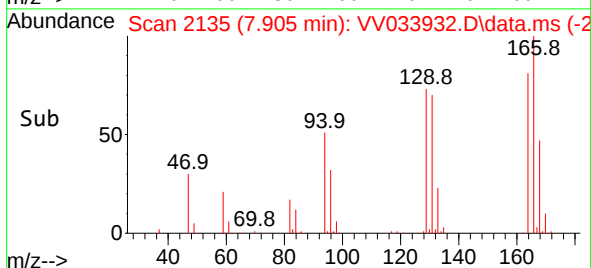
Tgt Ion:	97	Resp:	66377
Ion	Ratio	Lower	Upper
97	100		
99	61.2	42.8	79.6
83	85.8	61.2	113.8
85	54.2	39.3	73.1

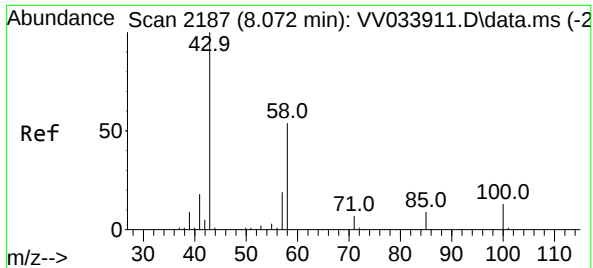


#46
Tetrachloroethene
Concen: 47.078 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52



Tgt Ion:	164	Resp:	53639
Ion	Ratio	Lower	Upper
164	100		
129	90.7	66.1	122.7
131	86.5	65.9	122.5
166	123.7	88.5	164.3

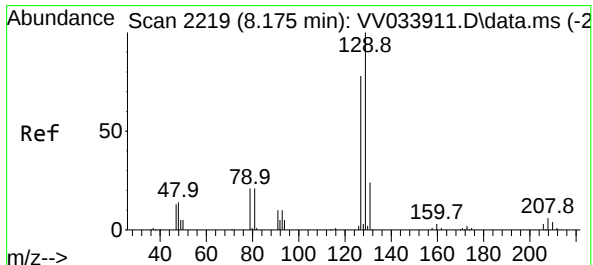
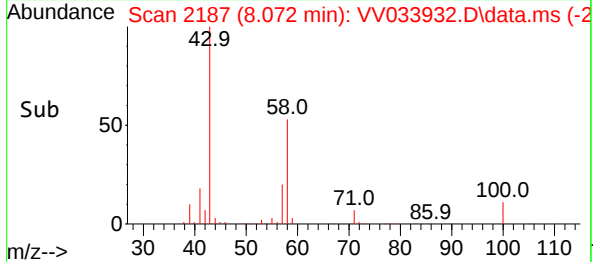
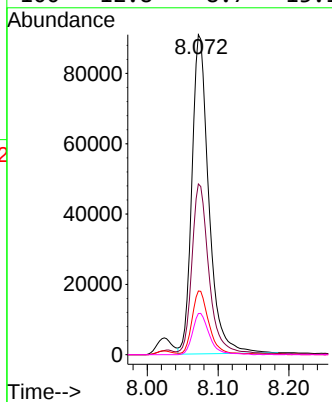
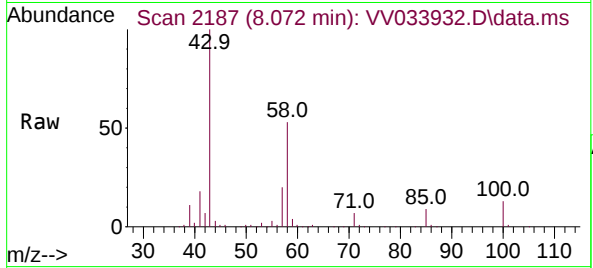




#48
2-Hexanone
Concen: 80.267 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

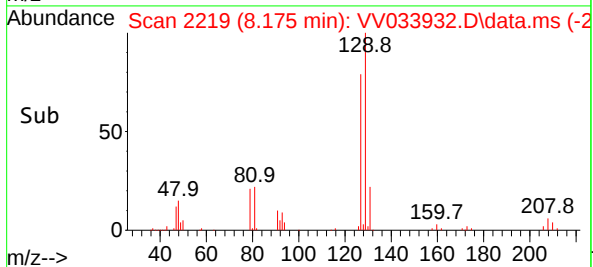
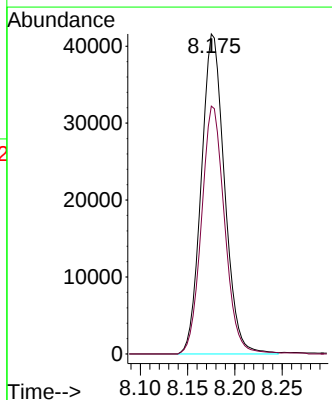
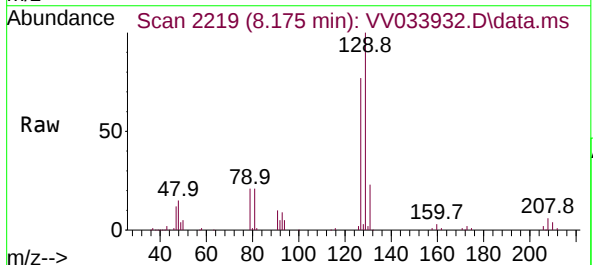
Instrument :
MSVOA_V
ClientSampleId :

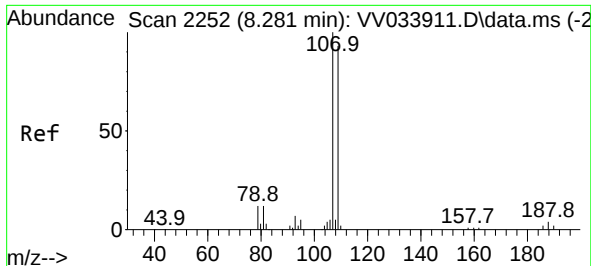
Tgt Ion: 43 Resp: 151016
Ion Ratio Lower Upper
43 100
58 53.5 42.3 63.5
57 18.8 14.2 21.2
100 12.8 8.7 13.1



#49
Dibromochloromethane
Concen: 47.312 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

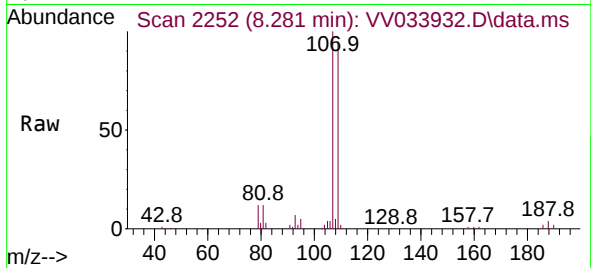
Tgt Ion: 129 Resp: 71245
Ion Ratio Lower Upper
129 100
127 77.4 54.5 101.3



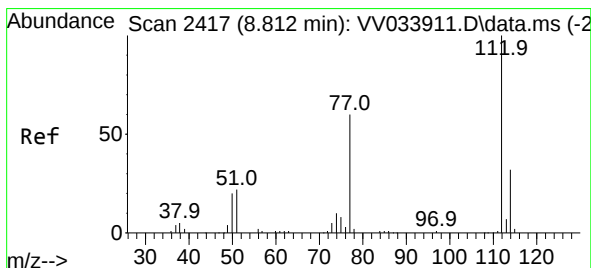
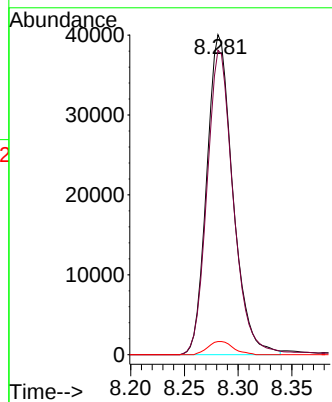
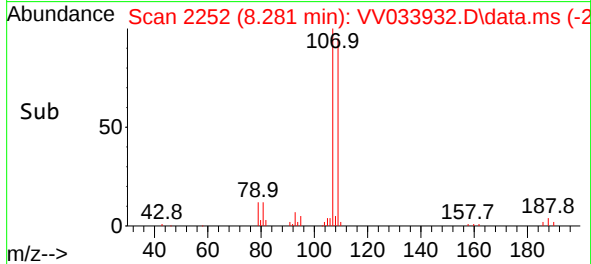


#50
1,2-Dibromoethane
Concen: 44.386 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

Instrument :
MSVOA_V
ClientSampleId :

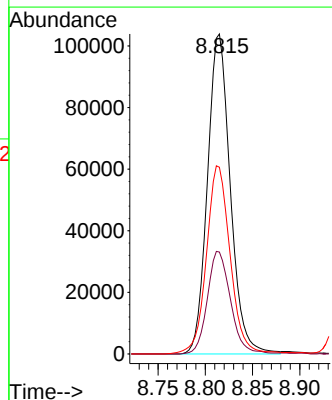
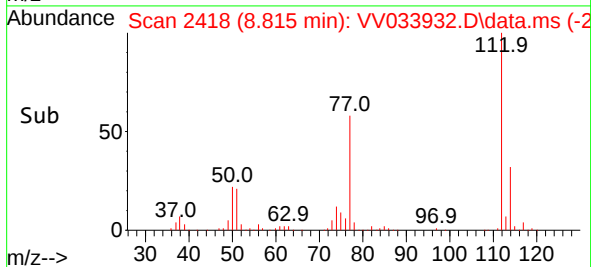
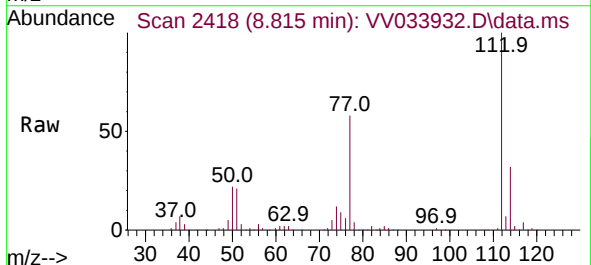


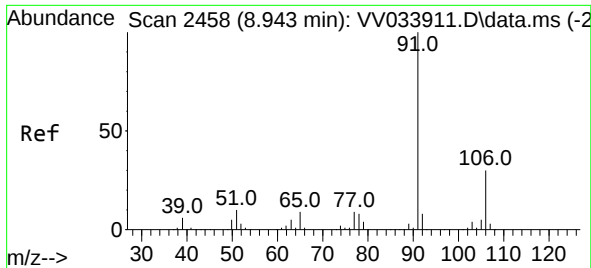
Tgt Ion:107 Resp: 67819
Ion Ratio Lower Upper
107 100
109 95.2 66.4 123.4
188 4.1 2.7 4.1#



#51
Chlorobenzene
Concen: 44.854 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

Tgt Ion:112 Resp: 174897
Ion Ratio Lower Upper
112 100
114 31.9 22.5 41.7
77 58.3 49.4 74.0

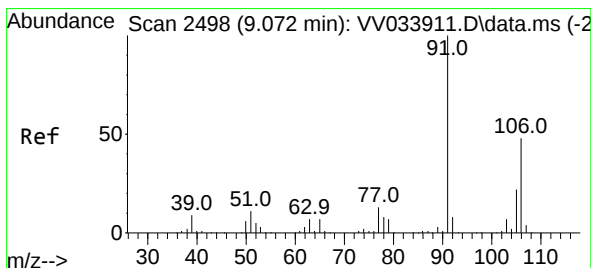
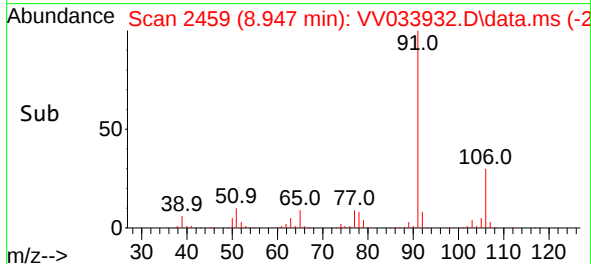
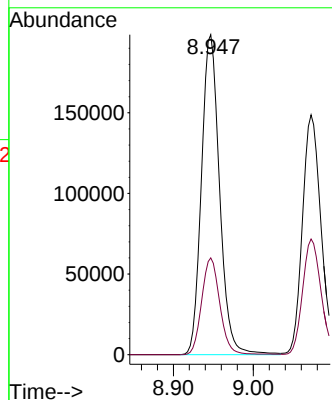
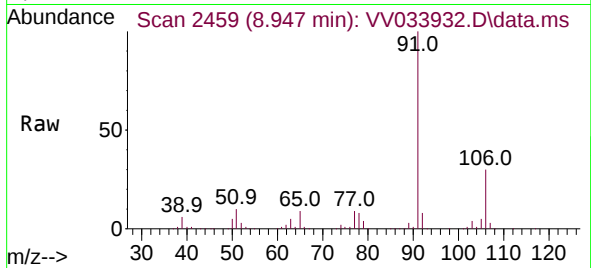




#52
Ethylbenzene
Concen: 44.252 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.004 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

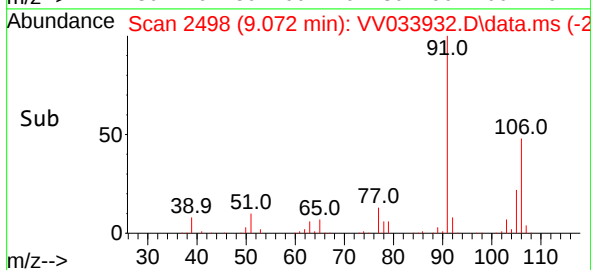
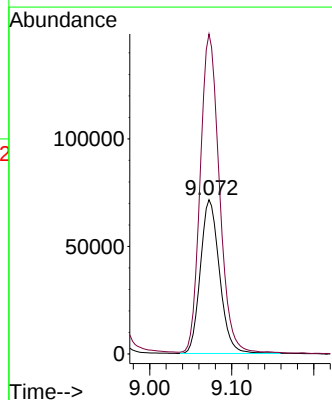
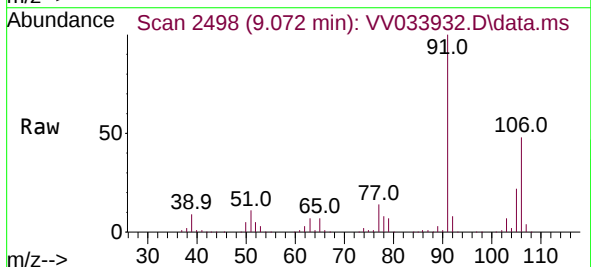
Instrument :
MSVOA_V
ClientSampleId :

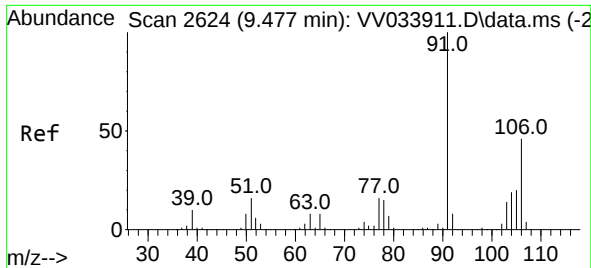
Tgt Ion: 91 Resp: 313753
Ion Ratio Lower Upper
91 100
106 30.3 21.5 39.9



#53
m,p-Xylene
Concen: 44.108 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

Tgt Ion:106 Resp: 115453
Ion Ratio Lower Upper
106 100
91 207.5 146.1 271.3

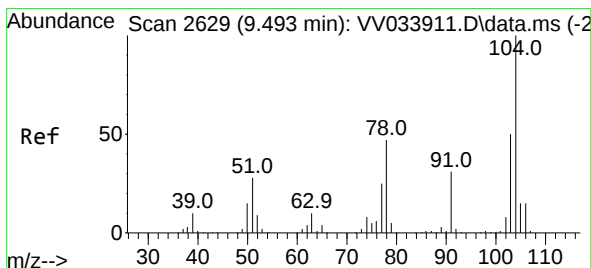
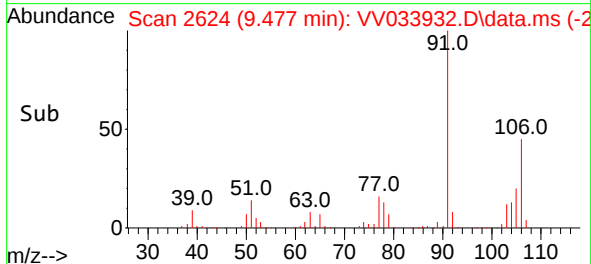
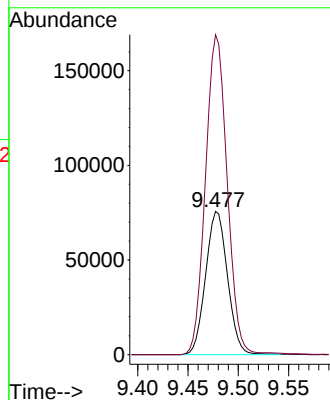
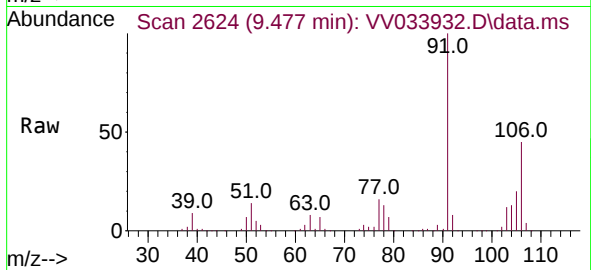




#54
o-Xylene
Concen: 44.279 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

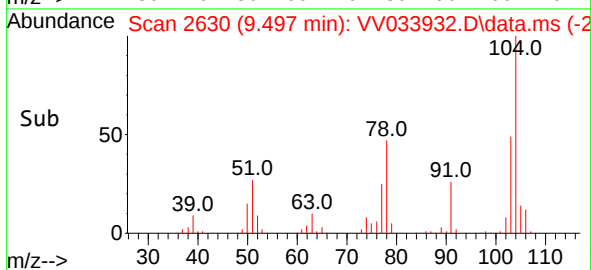
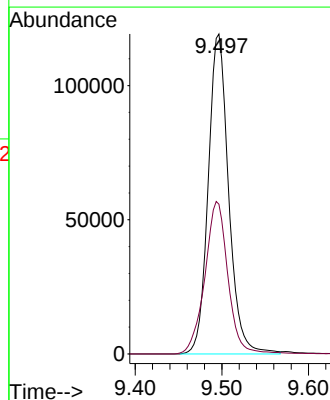
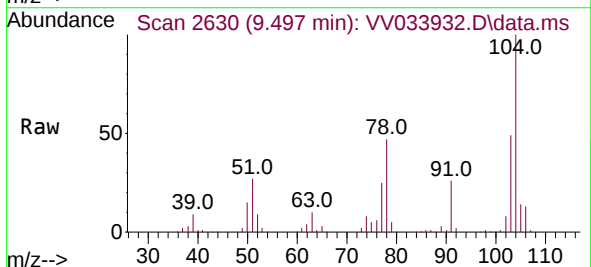
Instrument :
MSVOA_V
ClientSampleId :

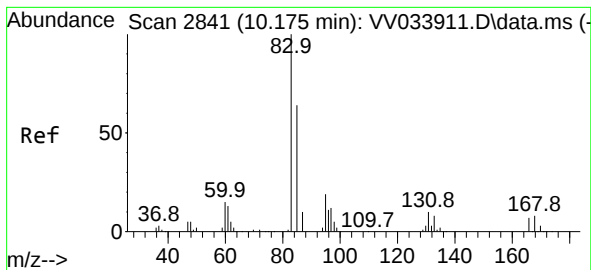
Tgt Ion:106 Resp: 114744
Ion Ratio Lower Upper
106 100
91 223.2 155.2 288.2



#55
Styrene
Concen: 43.686 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.004 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

Tgt Ion:104 Resp: 195449
Ion Ratio Lower Upper
104 100
78 46.8 33.0 61.4

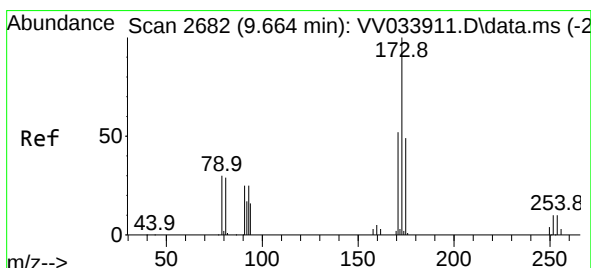
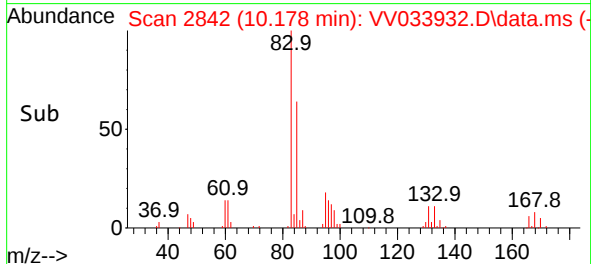
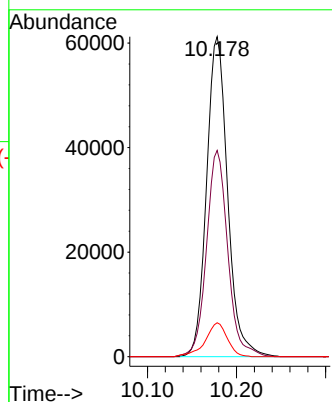
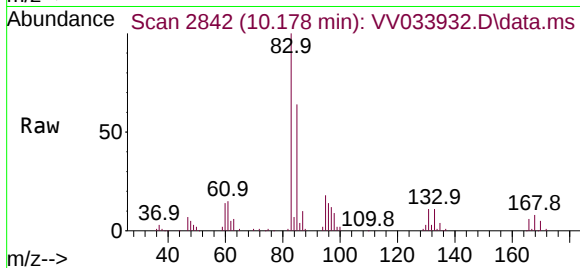




#57
 1,1,2,2-Tetrachloroethane
 Concen: 43.597 ug/L
 RT: 10.178 min Scan# 2841
 Delta R.T. 0.003 min
 Lab File: VV033932.D
 Acq: 31 Jan 2024 19:52

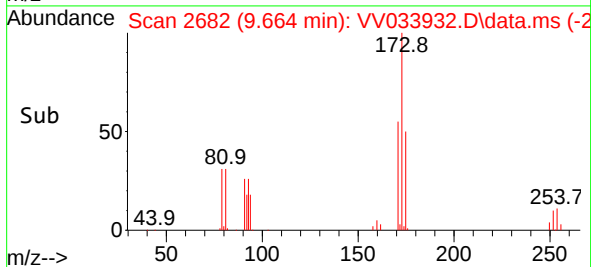
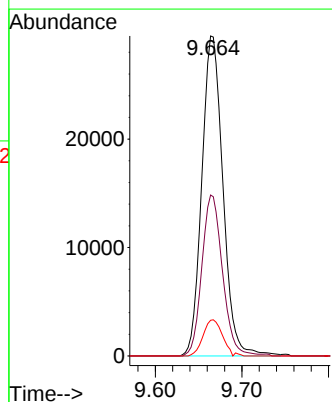
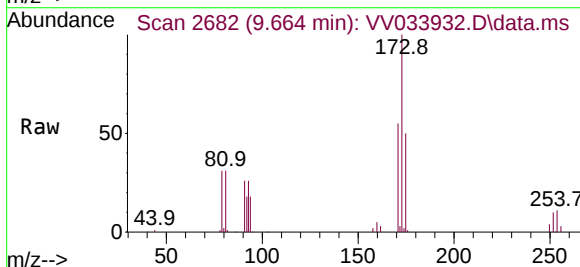
Instrument :
 MSVOA_V
 ClientSampleId :

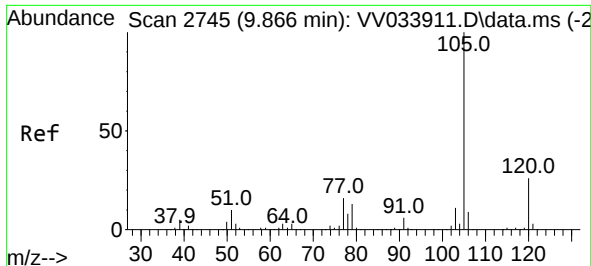
Tgt Ion: 83 Resp: 100318
 Ion Ratio Lower Upper
 83 100
 85 64.5 44.9 83.5
 131 10.6 7.5 11.3



#59
 Bromoform
 Concen: 47.319 ug/L
 RT: 9.664 min Scan# 2682
 Delta R.T. -0.000 min
 Lab File: VV033932.D
 Acq: 31 Jan 2024 19:52

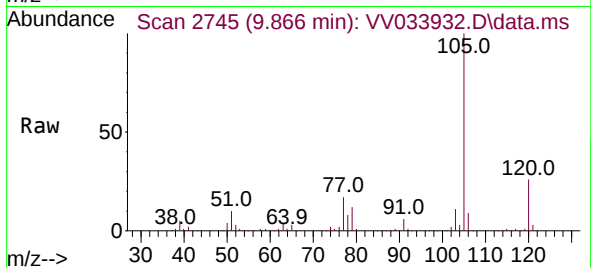
Tgt Ion: 173 Resp: 50092
 Ion Ratio Lower Upper
 173 100
 175 49.0 37.2 55.8
 254 10.2 7.4 11.0



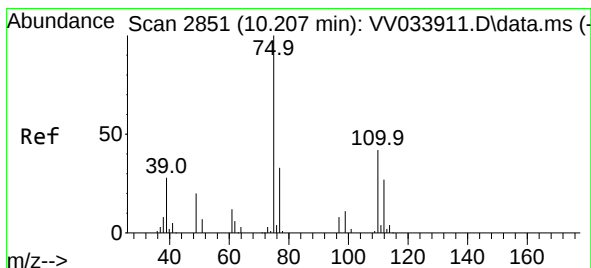
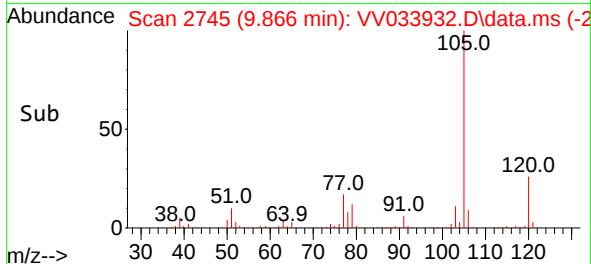
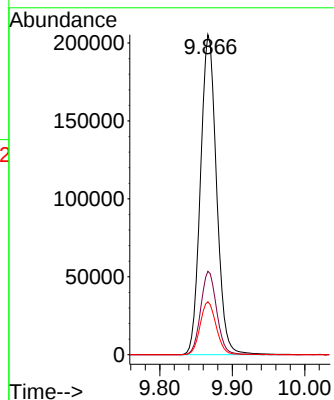


#60
Isopropylbenzene
Concen: 46.923 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

Instrument :
MSVOA_V
ClientSampleId :

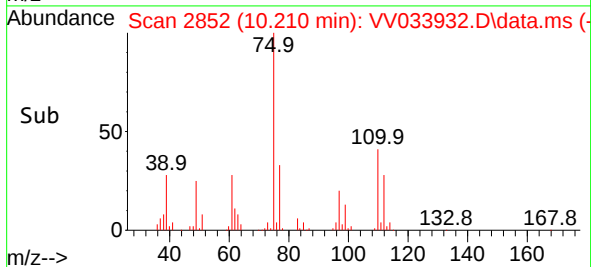
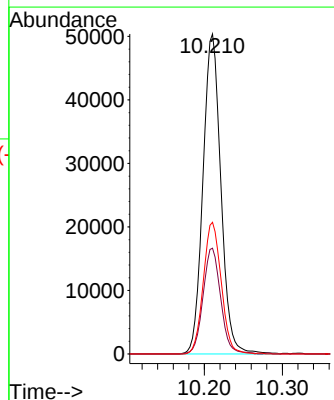
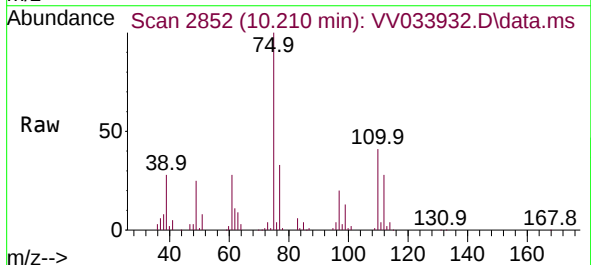


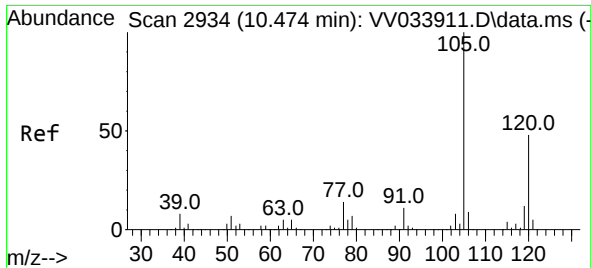
Tgt Ion:105 Resp: 316216
Ion Ratio Lower Upper
105 100
120 25.9 20.6 31.0
77 16.5 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 45.490 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.003 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

Tgt Ion: 75 Resp: 80412
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9
110 41.1 29.5 44.3

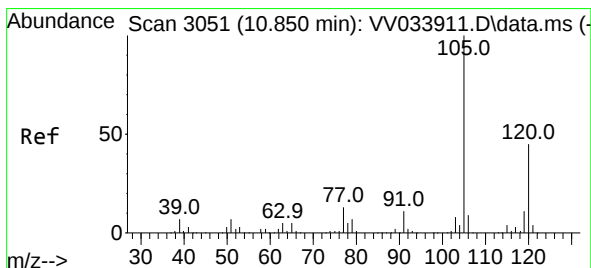
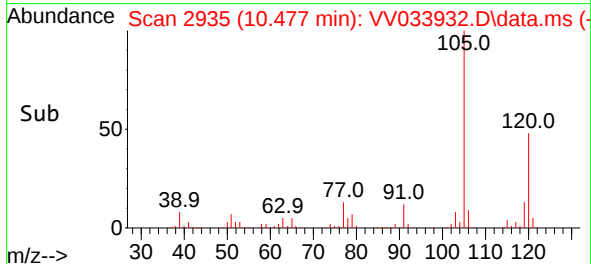
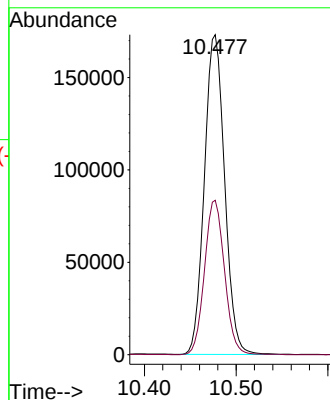
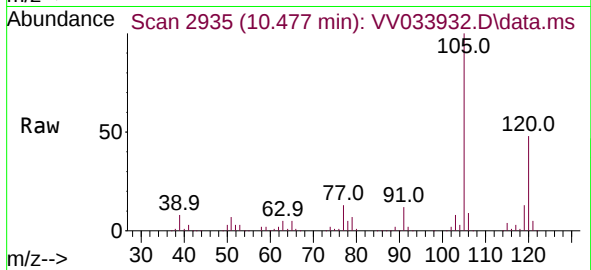




#62
1,3,5-Trimethylbenzene
Concen: 45.968 ug/L
RT: 10.477 min Scan# 2934
Delta R.T. 0.003 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

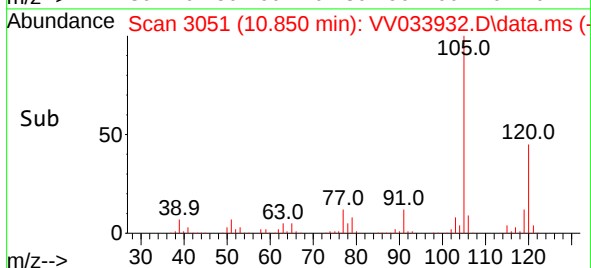
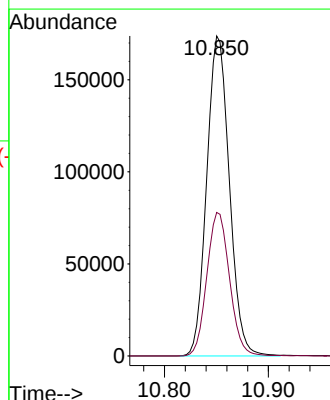
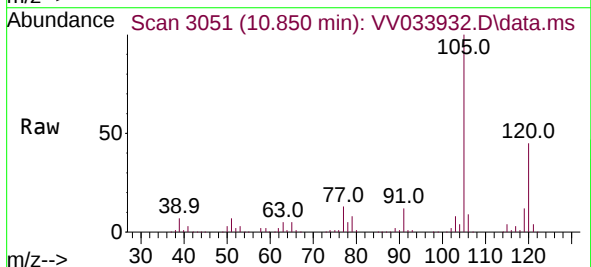
Instrument :
MSVOA_V
ClientSampleId :

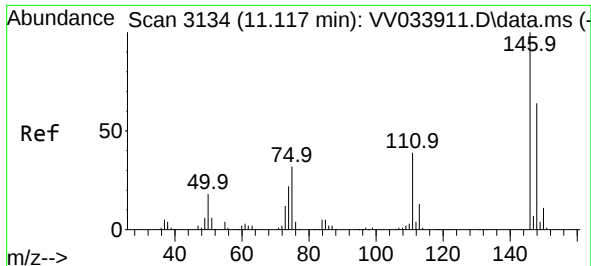
Tgt Ion:105 Resp: 265794
Ion Ratio Lower Upper
105 100
120 47.6 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 45.607 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

Tgt Ion:105 Resp: 262752
Ion Ratio Lower Upper
105 100
120 45.0 35.4 53.0

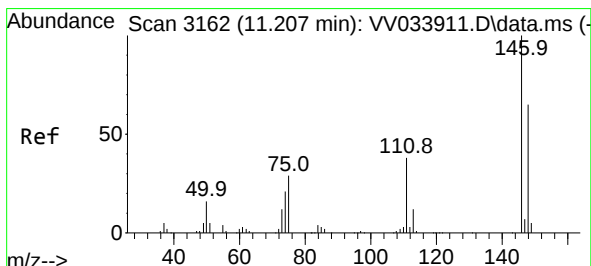
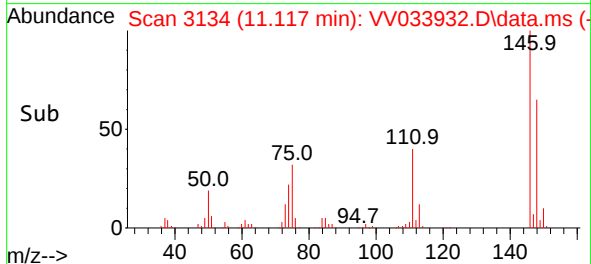
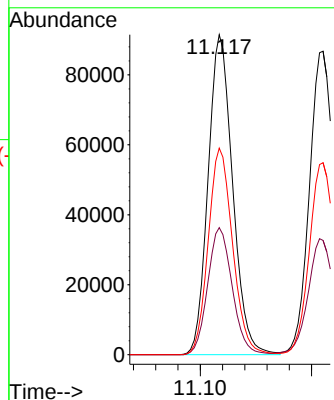
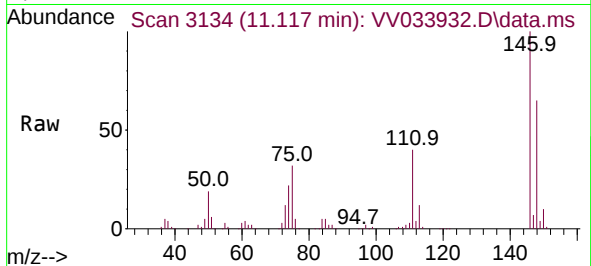




#64
1,3-Dichlorobenzene
Concen: 45.976 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

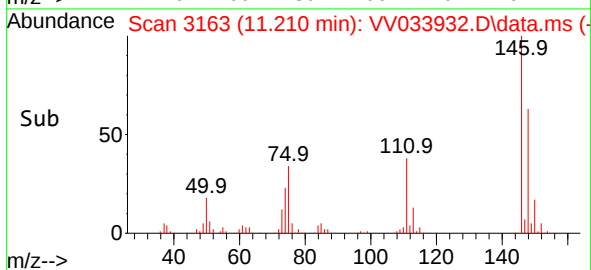
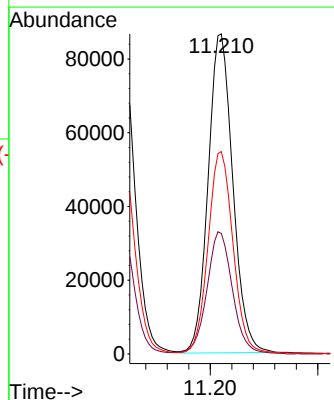
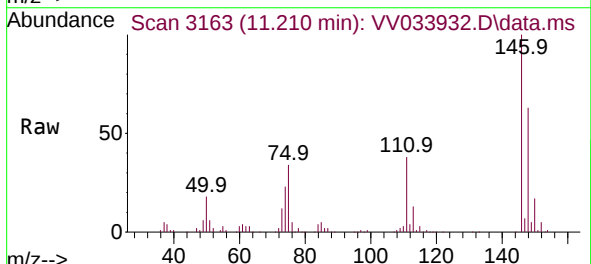
Instrument :
MSVOA_V
ClientSampleId :

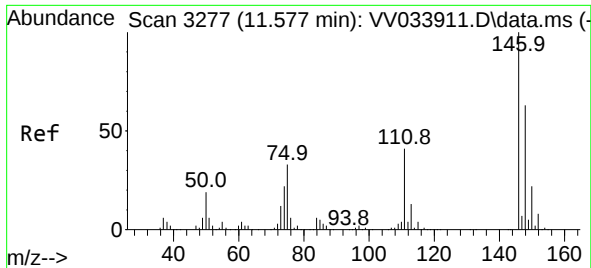
Tgt Ion:146 Resp: 139952
Ion Ratio Lower Upper
146 100
111 39.7 29.0 53.8
148 64.6 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 45.187 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

Tgt Ion:146 Resp: 137919
Ion Ratio Lower Upper
146 100
111 37.6 27.7 51.5
148 63.3 44.1 81.9

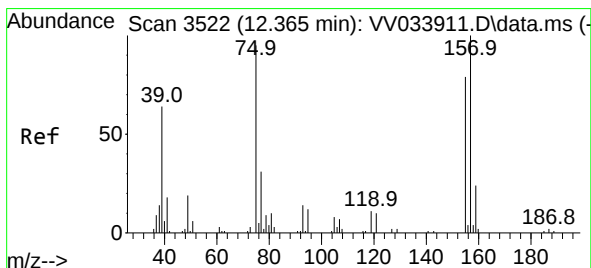
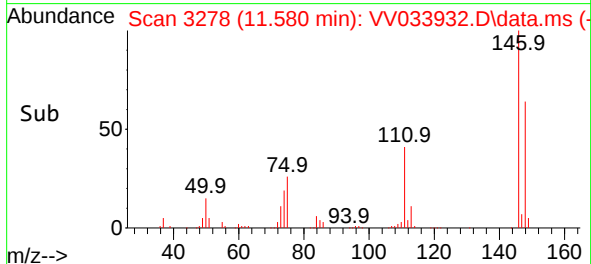
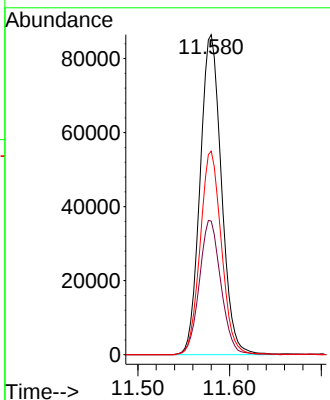
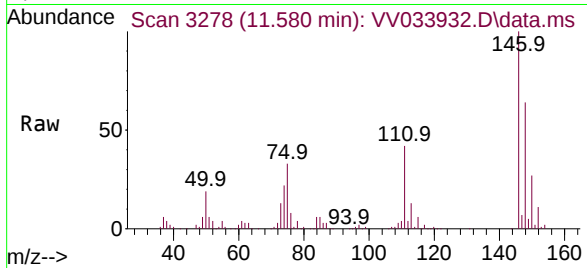




#67
1,2-Dichlorobenzene
Concen: 47.014 ug/L
RT: 11.580 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

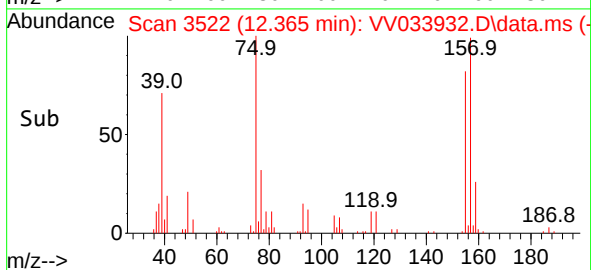
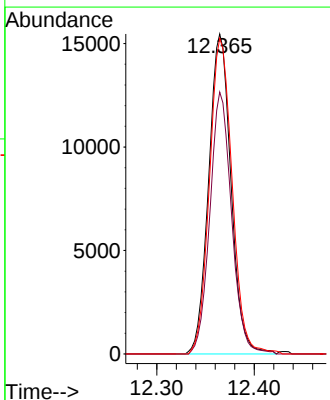
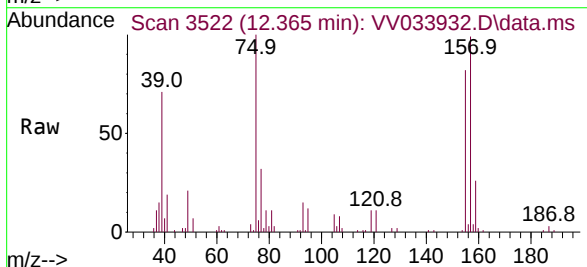
Instrument :
MSVOA_V
ClientSampleId :

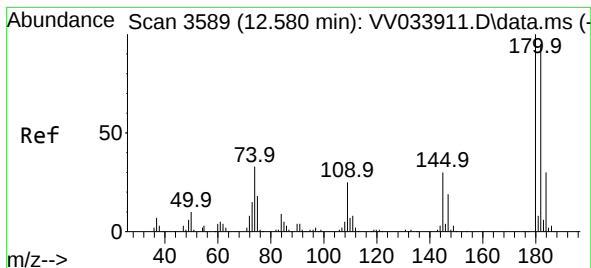
Tgt Ion:146 Resp: 139835
Ion Ratio Lower Upper
146 100
111 41.8 35.4 53.0
148 63.6 52.0 78.0



#68
1,2-Dibromo-3-chloropropane
Concen: 48.283 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. -0.000 min
Lab File: VV033932.D
Acq: 31 Jan 2024 19:52

Tgt Ion: 75 Resp: 24629
Ion Ratio Lower Upper
75 100
155 81.9 61.6 92.4
157 98.7 79.2 118.8





#69

1,3,5-Trichlorobenzene

Concen: 46.022 ug/L

RT: 12.583 min Scan# 3589

Delta R.T. 0.003 min

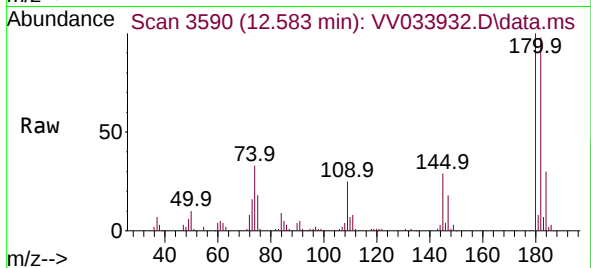
Lab File: VV033932.D

Acq: 31 Jan 2024 19:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 103521

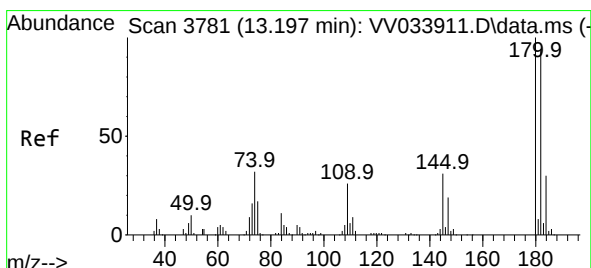
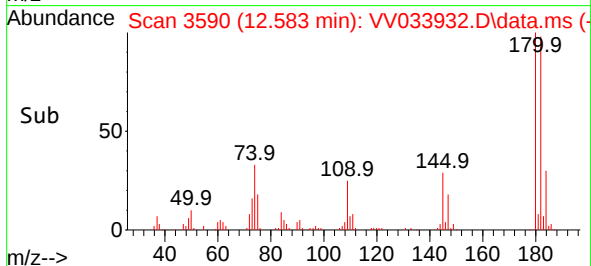
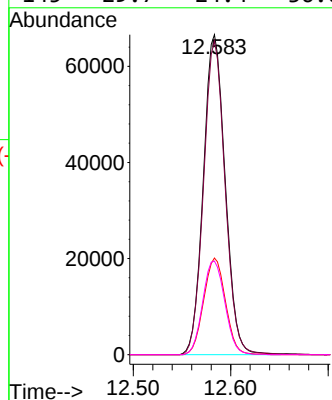
Ion Ratio Lower Upper

180 100

182 96.7 76.2 114.2

184 30.1 23.9 35.9

145 29.7 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 45.618 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV033932.D

Acq: 31 Jan 2024 19:52

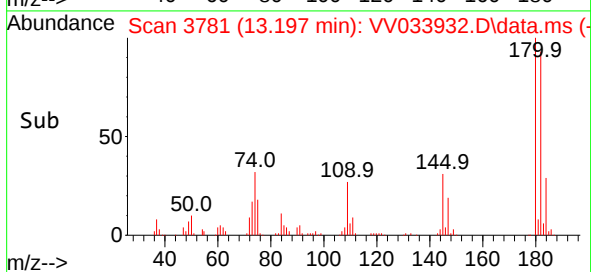
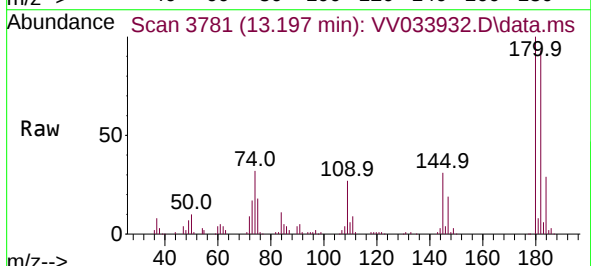
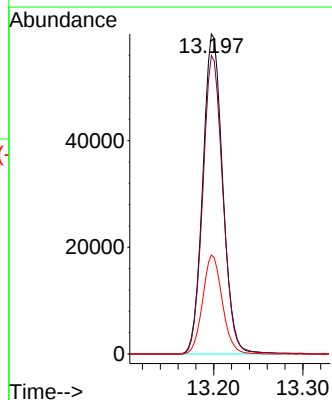
Tgt Ion:180 Resp: 93136

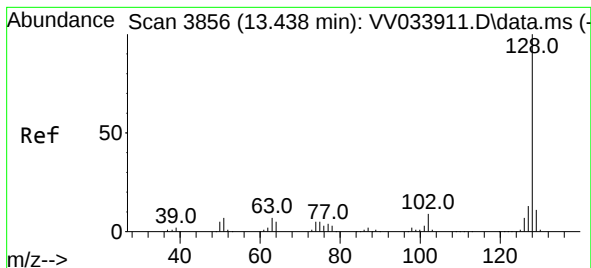
Ion Ratio Lower Upper

180 100

182 93.8 76.3 114.5

145 30.4 25.4 38.0





#71

Naphthalene

Concen: 44.125 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.001 min

Lab File: VV033932.D

Acq: 31 Jan 2024 19:52

Instrument :

MSVOA_V

ClientSampleId :

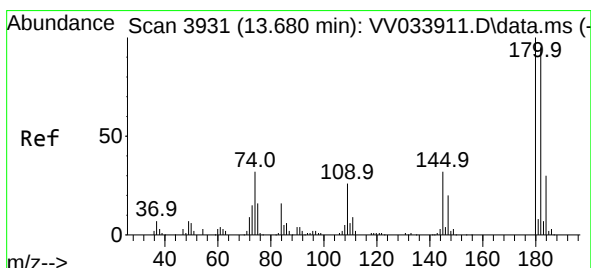
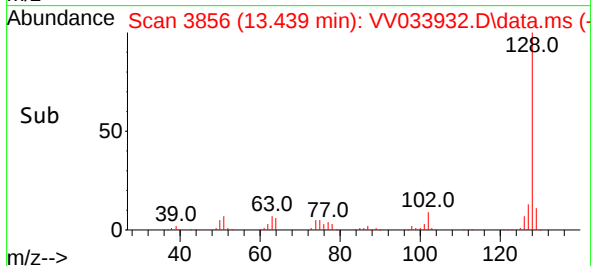
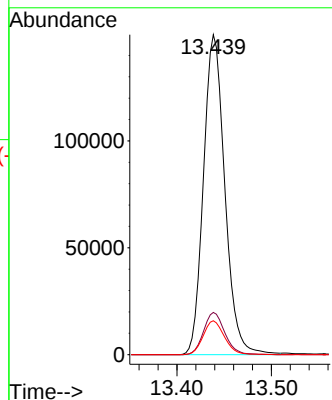
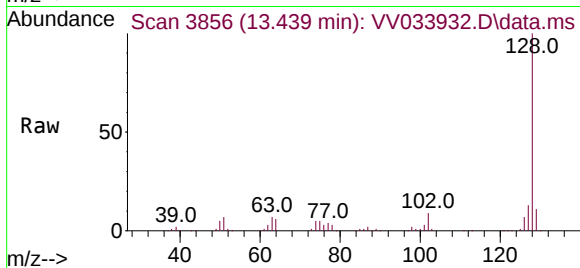
Tgt Ion:128 Resp: 235406

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.5 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 48.699 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV033932.D

Acq: 31 Jan 2024 19:52

Tgt Ion:180 Resp: 92803

Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

145 31.9 26.3 39.5

