

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011024\
 Data File : VW033560.D
 Acq On : 10 Jan 2024 15:04
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 11 00:37:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 11 00:32:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	349179	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	328181	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	170248	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	135365	50.441	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.880%
7) Chloroethane-d5	1.526	69	101321	47.676	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.360%
11) 1,1-Dichloroethene-d2	2.056	65	55044	47.660	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.320%
21) 2-Butanone-d5	3.780	46	172427	93.674	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.670%
24) Chloroform-d	4.246	84	227842	47.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.960%
26) 1,2-Dichloroethane-d4	4.941	65	146474	47.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.480%
32) Benzene-d6	4.960	84	454973	48.765	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.520%
36) 1,2-Dichloropropane-d6	5.989	67	147513	48.033	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.060%
41) Toluene-d8	7.243	98	410471	48.829	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.660%
43) trans-1,3-Dichloroprop...	7.551	79	74396	49.015	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.040%
47) 2-Hexanone-d5	8.021	63	124702	97.890	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.890%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	183361	46.768	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.540%
66) 1,2-Dichlorobenzene-d4	11.561	152	156078	48.320	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	140299	48.298	ug/L	99
3) Chloromethane	1.214	50	163763	49.577	ug/L	100
5) Vinyl chloride	1.285	62	155904	49.336	ug/L	98
6) Bromomethane	1.478	94	84949	51.436	ug/L	99
8) Chloroethane	1.545	64	93073	49.394	ug/L	99
9) Trichlorofluoromethane	1.712	101	190906	50.626	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	112941	50.836	ug/L	100
12) 1,1-Dichloroethene	2.069	96	104457	49.846	ug/L	97
13) Acetone	2.108	43	171413	97.398	ug/L	100
14) Carbon disulfide	2.240	76	359928	50.534	ug/L	99
15) Methyl Acetate	2.368	43	145514	50.563	ug/L #	100
16) Methylene chloride	2.445	84	125913	49.252	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	116491	49.764	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	422797	50.219	ug/L	100
19) 1,1-Dichloroethane	3.111	63	242802	50.734	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	130424	50.061	ug/L	99
22) 2-Butanone	3.860	43	214344	100.278	ug/L	95
23) Bromochloromethane	4.146	128	62867	49.671	ug/L	98
25) Chloroform	4.275	83	228619	50.384	ug/L	98

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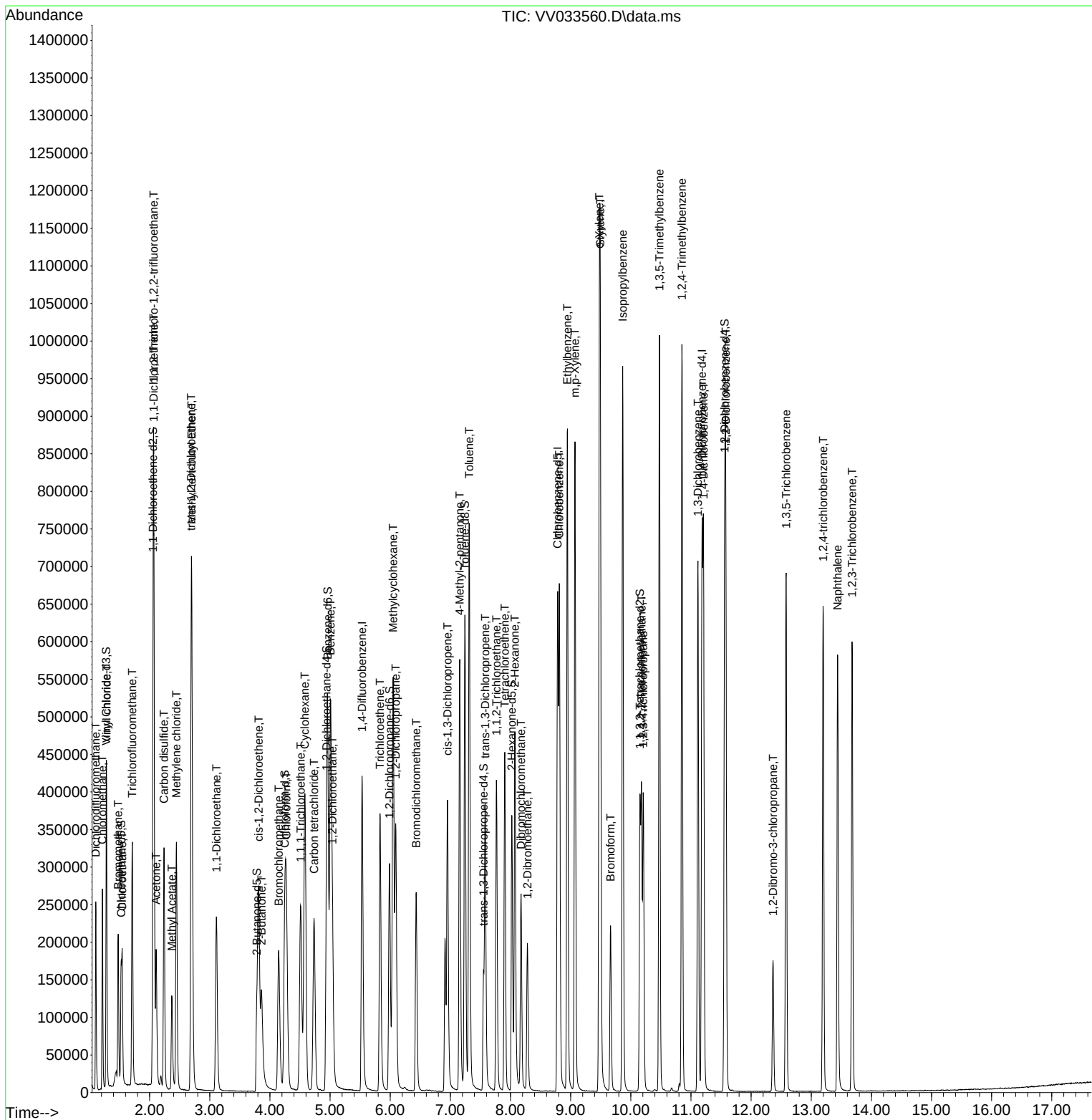
Instrument :
 MSVOA_V
 ClientSampleId :

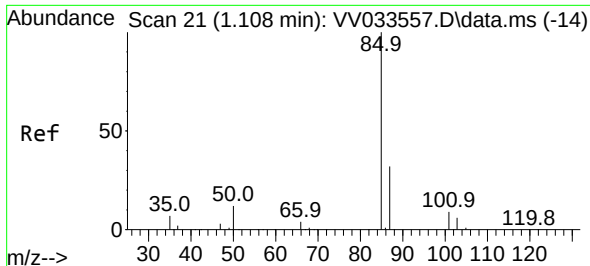
Quant Time: Jan 11 00:37:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 11 00:32:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	190366	50.229	ug/L	99
29) Cyclohexane	4.580	56	238967	51.651	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	204142	51.834	ug/L	99
31) Carbon tetrachloride	4.735	117	173315	51.557	ug/L	100
33) Benzene	5.008	78	497882	51.652	ug/L	100
34) Trichloroethene	5.831	95	132169	51.116	ug/L	98
35) Methylcyclohexane	6.050	83	229561	51.878	ug/L	100
37) 1,2-Dichloropropane	6.092	63	141029	53.168	ug/L	100
38) Bromodichloromethane	6.432	83	178304	51.385	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	232029	52.383	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	398174	101.308	ug/L	99
42) Toluene	7.313	91	525793	51.601	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	213374	52.274	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	124019	51.531	ug/L	99
46) Tetrachloroethene	7.905	164	97064	51.180	ug/L	97
48) 2-Hexanone	8.072	43	303003	96.752	ug/L	98
49) Dibromochloromethane	8.175	129	129152	51.525	ug/L	100
50) 1,2-Dibromoethane	8.281	107	130134	51.166	ug/L	99
51) Chlorobenzene	8.812	112	328423	50.600	ug/L	98
52) Ethylbenzene	8.947	91	607243	51.453	ug/L	98
53) m,p-Xylene	9.072	106	228323	52.403	ug/L	100
54) o-Xylene	9.477	106	222775	51.646	ug/L	100
55) Styrene	9.493	104	381437	51.219	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	193510	50.523	ug/L	99
59) Bromoform	9.664	173	94320	52.127	ug/L	98
60) Isopropylbenzene	9.866	105	601664	52.233	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	155744	51.546	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	512991	51.905	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	518320	52.635	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	265607	51.049	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	267341	51.244	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	262088	51.553	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	44576	51.125	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	200596	52.173	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	180047	51.594	ug/L	99
71) Naphthalene	13.439	128	443148	48.597	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	168821	51.830	ug/L	99

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

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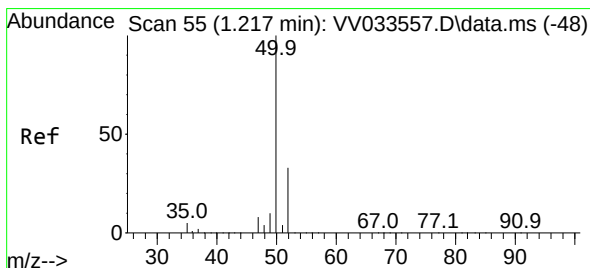
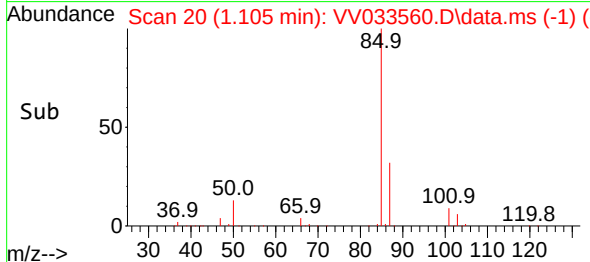
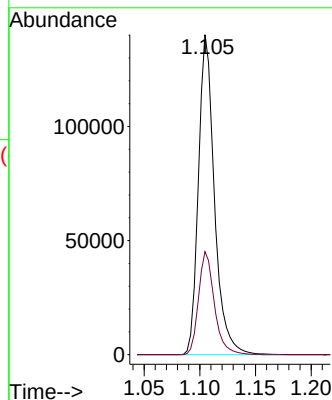
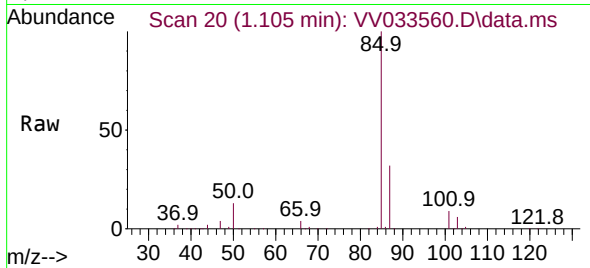




#2
 Dichlorodifluoromethane
 Concen: 48.298 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV033560.D
 Acq: 10 Jan 2024 15:04

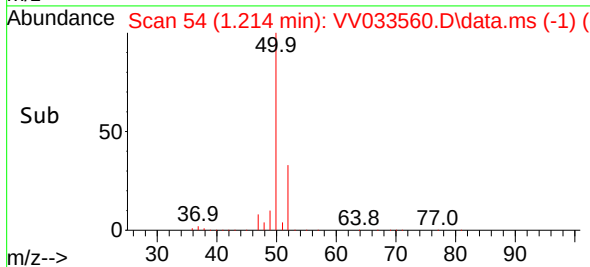
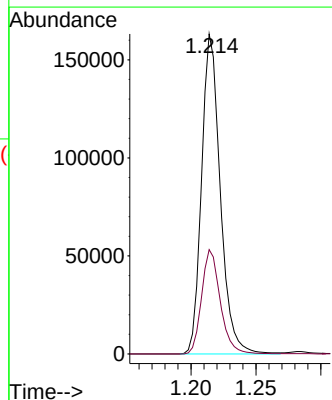
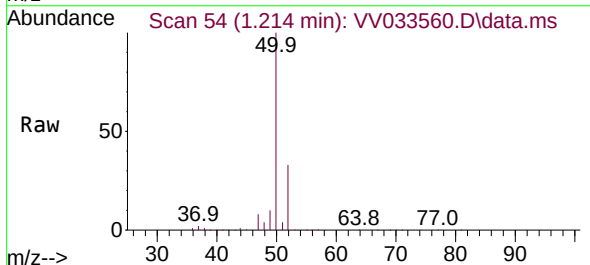
Instrument :
 MSVOA_V
 ClientSampleId :

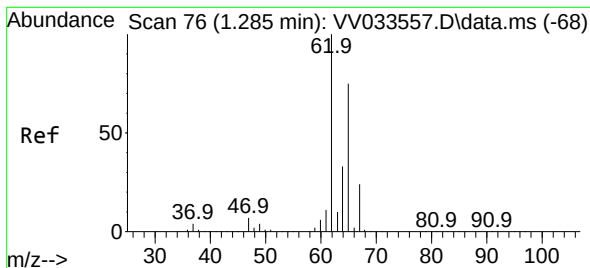
Tgt Ion: 85 Resp: 140299
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.8 38.6



#3
 Chloromethane
 Concen: 49.577 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV033560.D
 Acq: 10 Jan 2024 15:04

Tgt Ion: 50 Resp: 163763
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.8 42.4





#5

Vinyl chloride

Concen: 49.336 ug/L

RT: 1.285 min Scan# 71

Delta R.T. -0.000 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

Instrument :

MSVOA_V

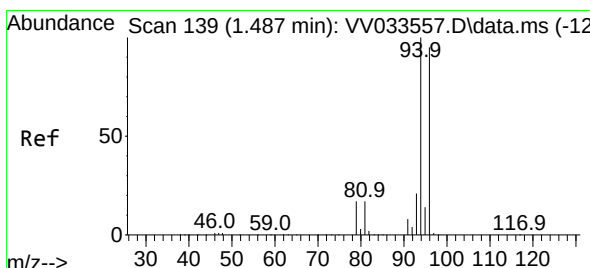
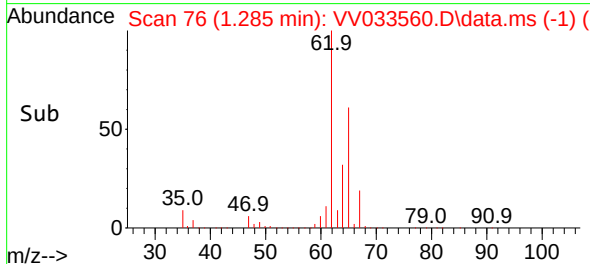
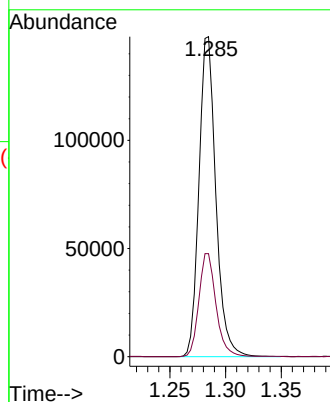
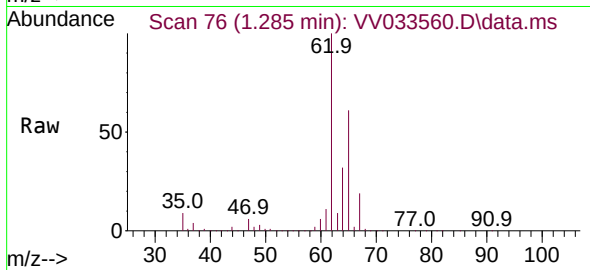
ClientSampleId :

Tgt Ion: 62 Resp: 155904

Ion Ratio Lower Upper

62 100

64 32.2 23.2 43.0



#6

Bromomethane

Concen: 51.436 ug/L

RT: 1.478 min Scan# 136

Delta R.T. -0.010 min

Lab File: VV033560.D

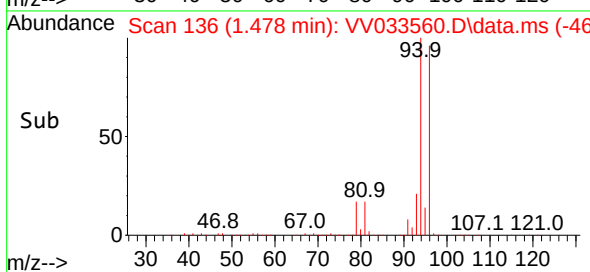
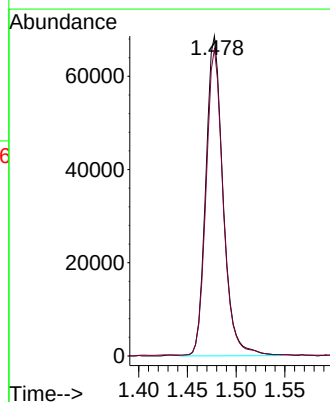
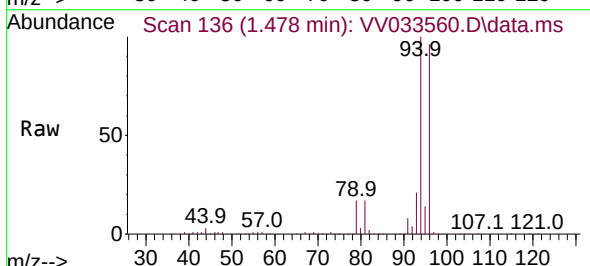
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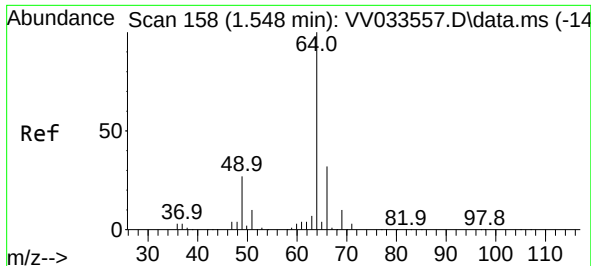
Tgt Ion: 94 Resp: 84949

Ion Ratio Lower Upper

94 100

96 96.0 66.4 123.2

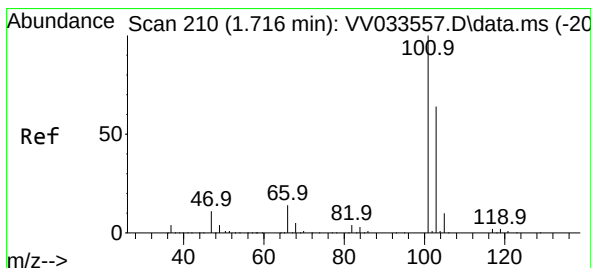
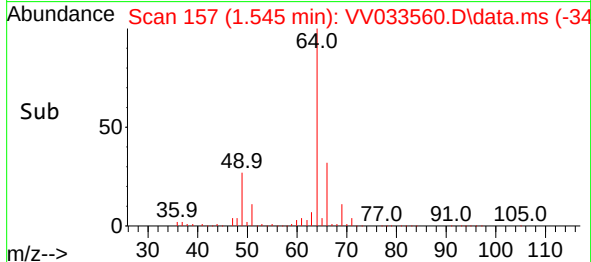
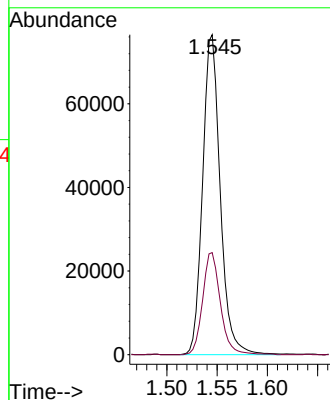
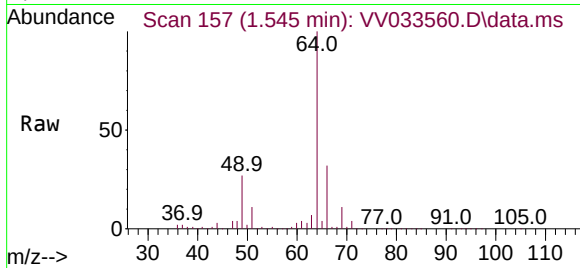




#8
Chloroethane
Concen: 49.394 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV033560.D
Acq: 10 Jan 2024 15:04

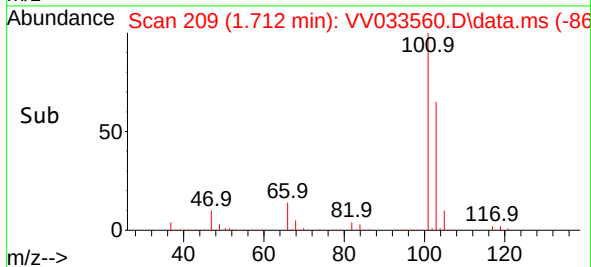
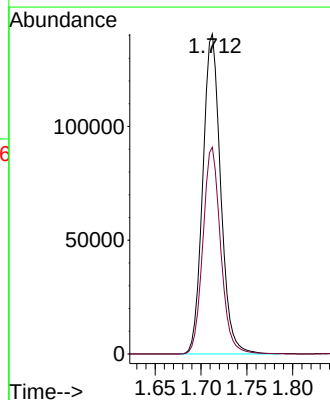
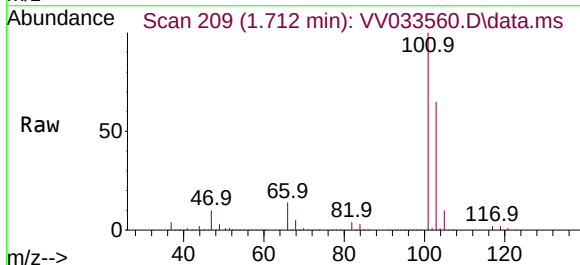
Instrument :
MSVOA_V
ClientSampleId :

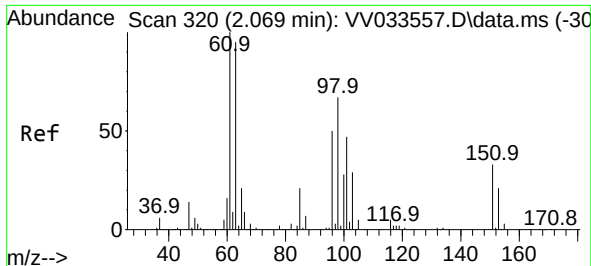
Tgt Ion: 64 Resp: 93073
Ion Ratio Lower Upper
64 100
66 31.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 50.626 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV033560.D
Acq: 10 Jan 2024 15:04

Tgt Ion:101 Resp: 190906
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9

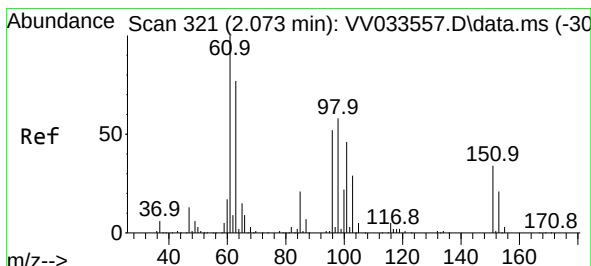
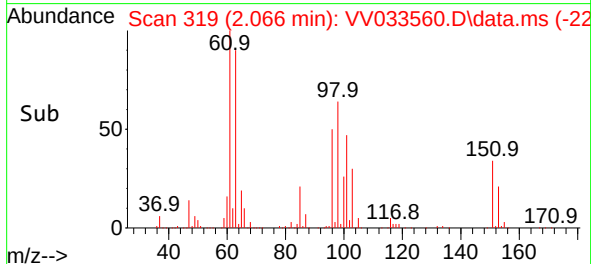
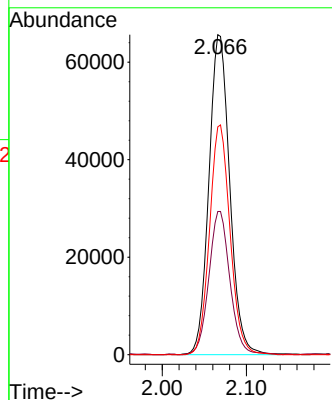
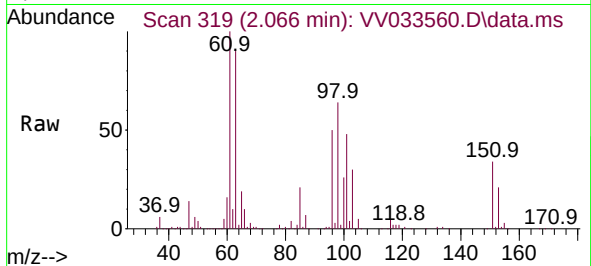




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.836 ug/L
 RT: 2.066 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV033560.D
 Acq: 10 Jan 2024 15:04

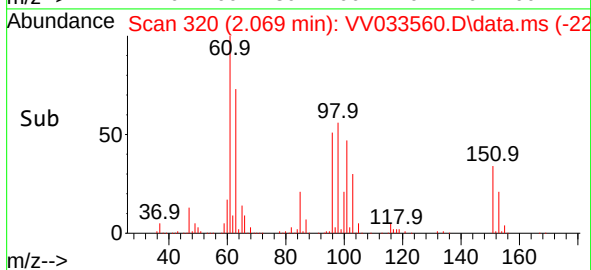
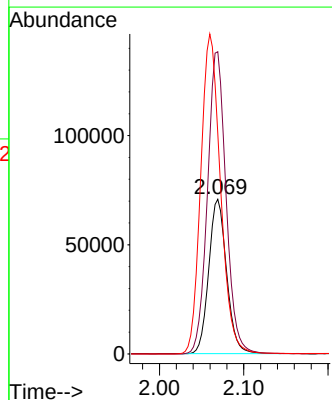
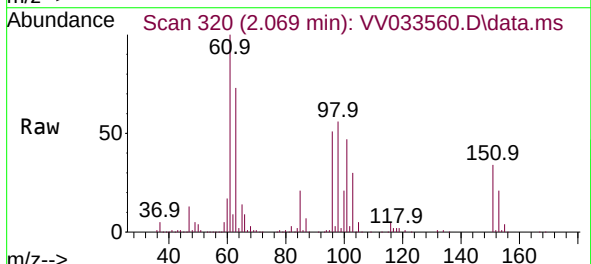
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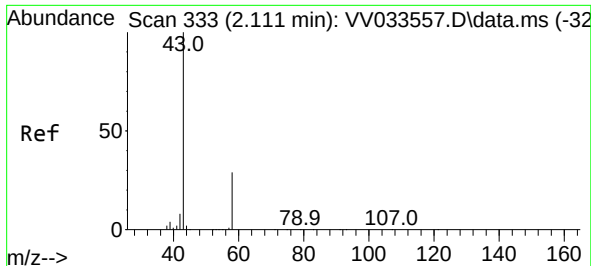
Tgt Ion:101 Resp: 112941
 Ion Ratio Lower Upper
 101 100
 85 45.3 36.2 54.4
 151 70.8 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 49.846 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.003 min
 Lab File: VV033560.D
 Acq: 10 Jan 2024 15:04

Tgt Ion: 96 Resp: 104457
 Ion Ratio Lower Upper
 96 100
 61 195.3 134.0 248.8
 63 142.4 103.4 192.0





#13

Acetone

Concen: 97.398 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

Instrument :

MSVOA_V

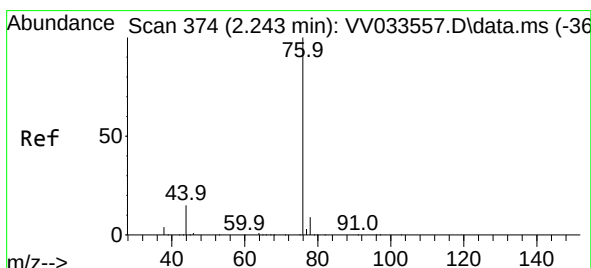
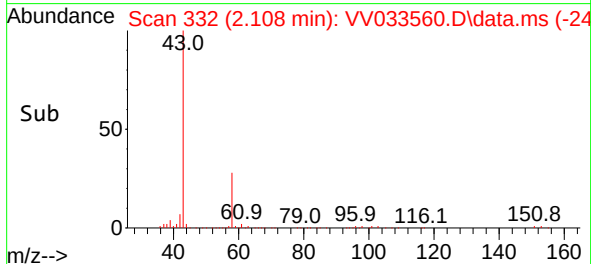
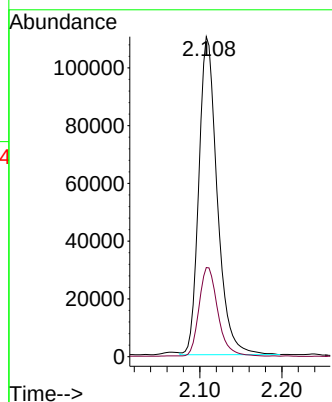
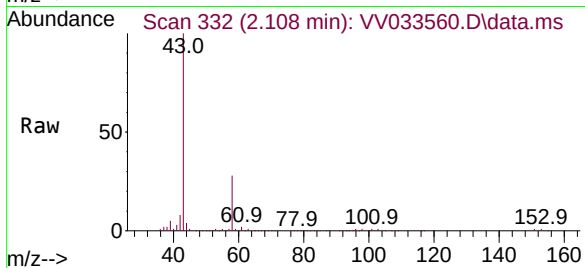
ClientSampleId :

Tgt Ion: 43 Resp: 171413

Ion Ratio Lower Upper

43 100

58 28.8 0.0 57.2



#14

Carbon disulfide

Concen: 50.534 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV033560.D

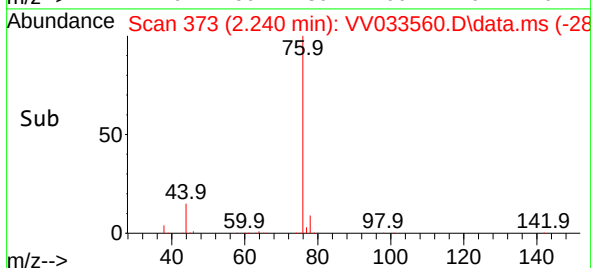
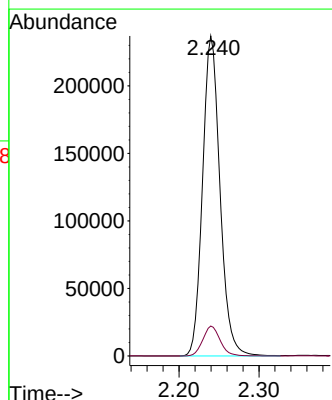
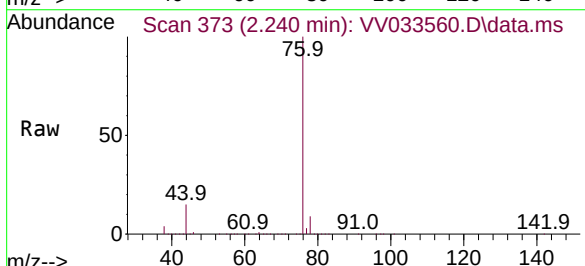
Acq: 10 Jan 2024 15:04

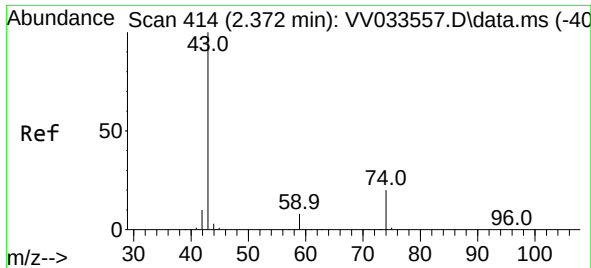
Tgt Ion: 76 Resp: 359928

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7





#15

Methyl Acetate

Concen: 50.563 ug/L

RT: 2.368 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

Instrument :

MSVOA_V

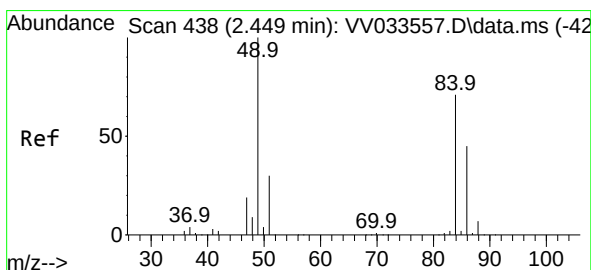
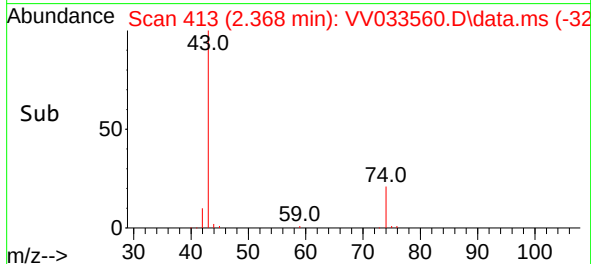
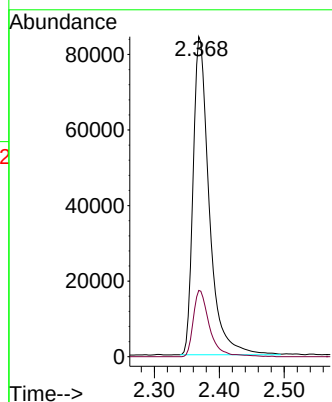
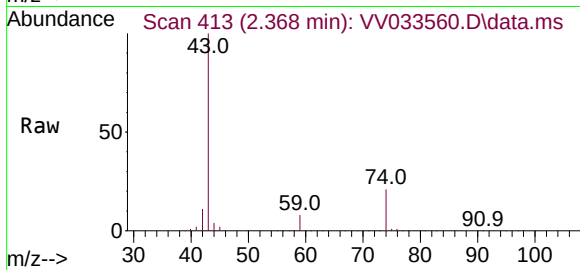
ClientSampleId :

Tgt Ion: 43 Resp: 145514

Ion Ratio Lower Upper

43 100

74 20.4 0.0 0.0#



#16

Methylene chloride

Concen: 49.252 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.003 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

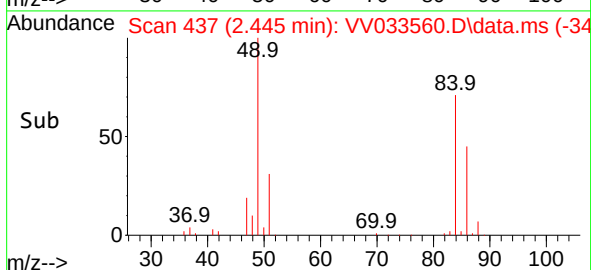
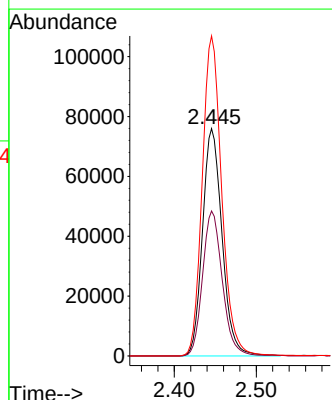
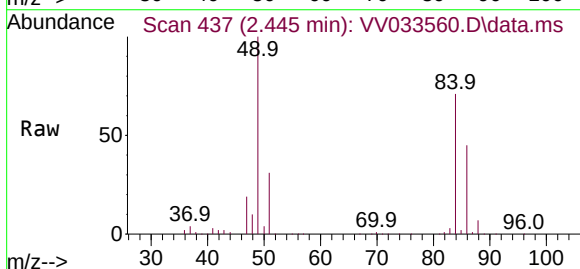
Tgt Ion: 84 Resp: 125913

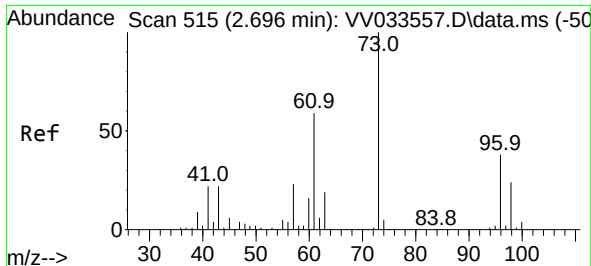
Ion Ratio Lower Upper

84 100

86 63.7 43.9 81.5

49 140.7 98.3 182.5





#17

trans-1,2-Dichloroethene

Concen: 49.764 ug/L

RT: 2.693 min Scan# 515

Delta R.T. -0.003 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

Instrument :

MSVOA_V

ClientSampleId :

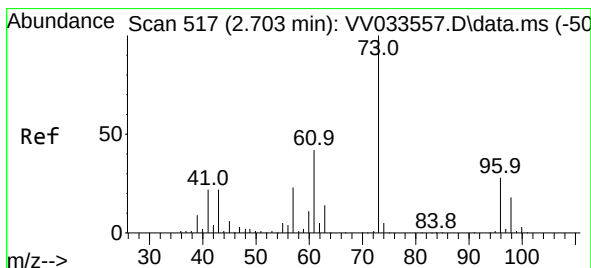
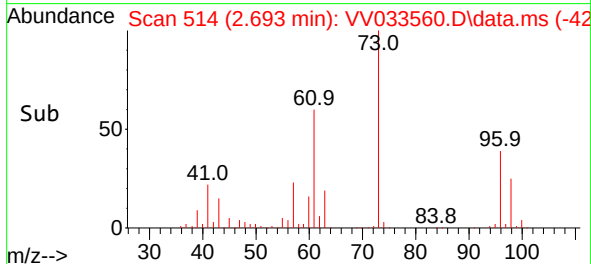
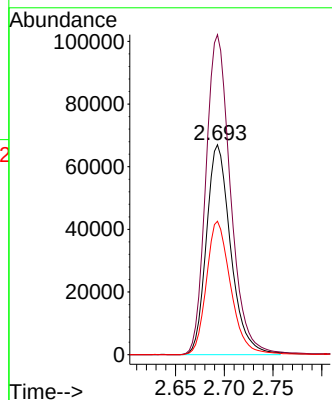
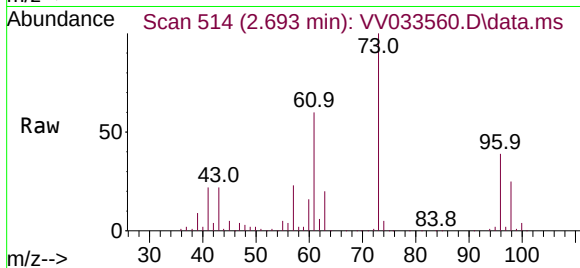
Tgt Ion: 96 Resp: 116491

Ion Ratio Lower Upper

96 100

61 152.5 108.4 201.4

98 63.6 43.8 81.4



#18

Methyl tert-butyl Ether

Concen: 50.219 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.003 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

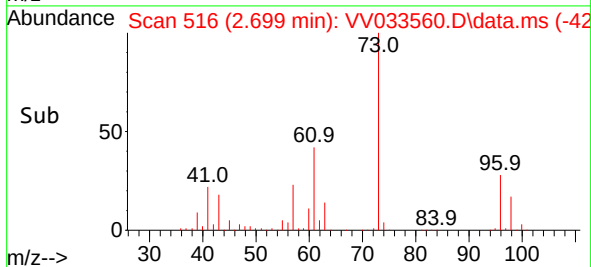
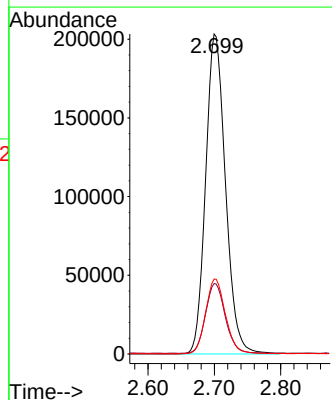
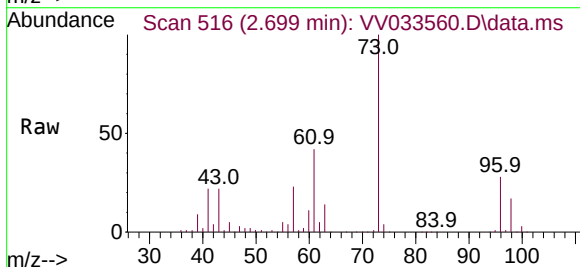
Tgt Ion: 73 Resp: 422797

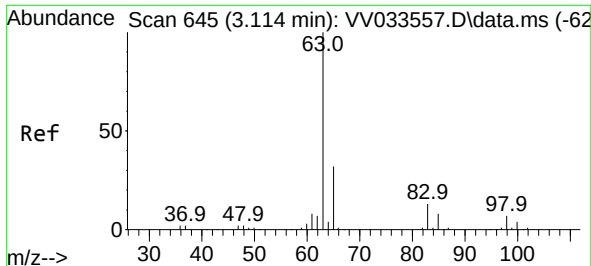
Ion Ratio Lower Upper

73 100

43 21.7 17.4 26.2

57 23.2 18.6 27.8





#19

1,1-Dichloroethane

Concen: 50.734 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

Instrument :

MSVOA_V

ClientSampleId :

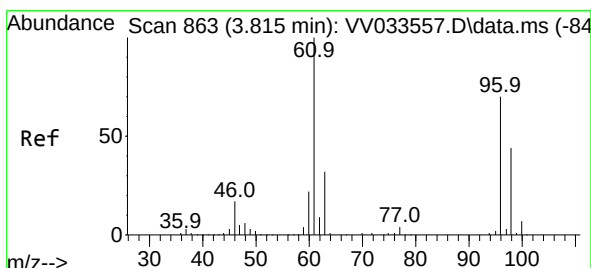
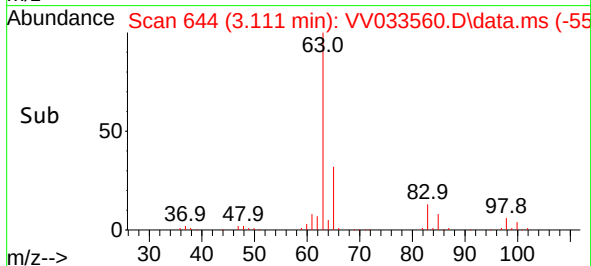
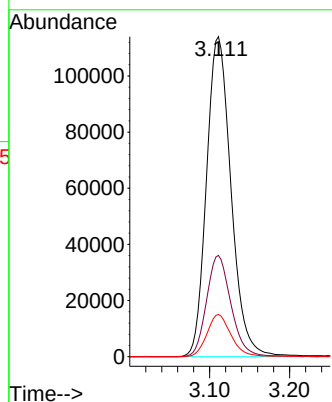
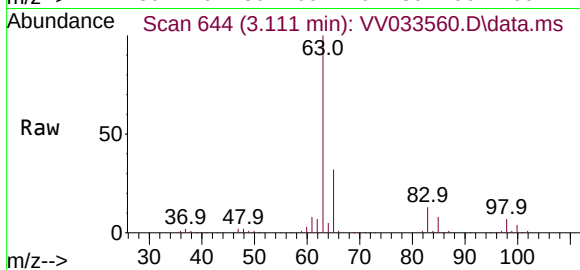
Tgt Ion: 63 Resp: 242802

Ion Ratio Lower Upper

63 100

65 31.6 22.4 41.6

83 13.2 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 50.061 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.003 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

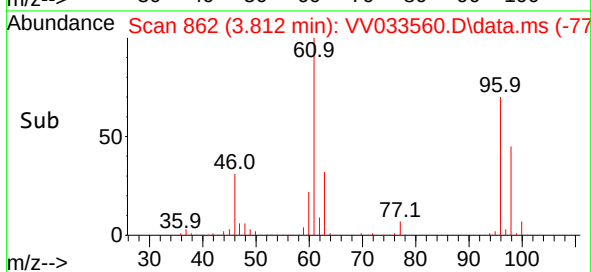
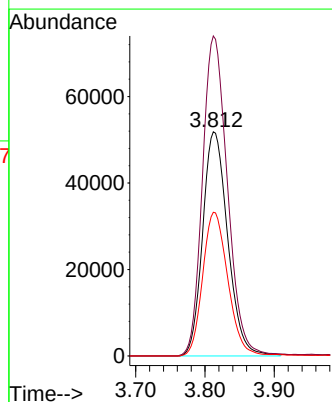
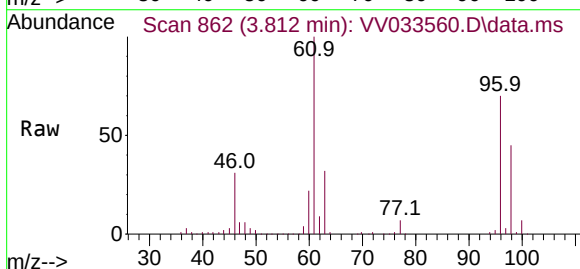
Tgt Ion: 96 Resp: 130424

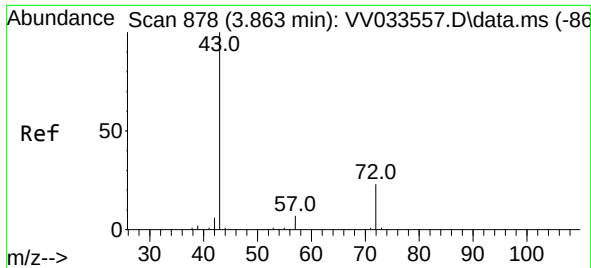
Ion Ratio Lower Upper

96 100

61 142.7 100.6 186.8

98 64.1 44.6 82.8

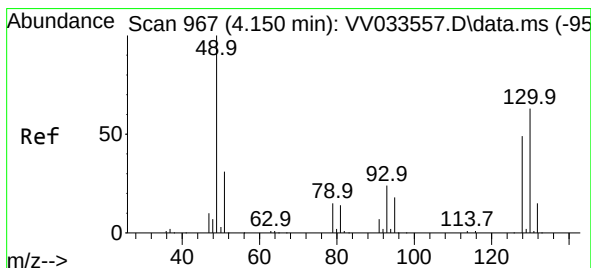
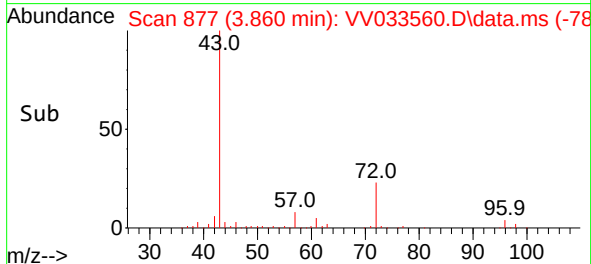
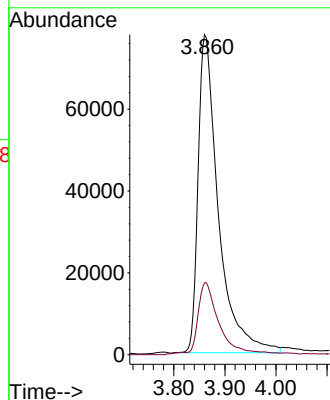
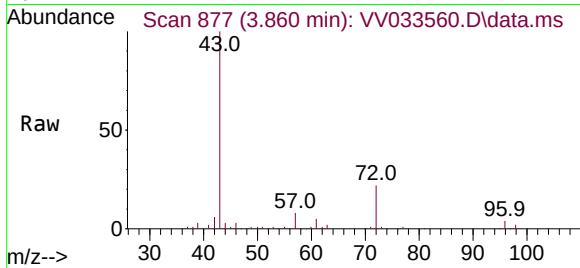




#22
2-Butanone
Concen: 100.278 ug/L
RT: 3.860 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV033560.D
Acq: 10 Jan 2024 15:04

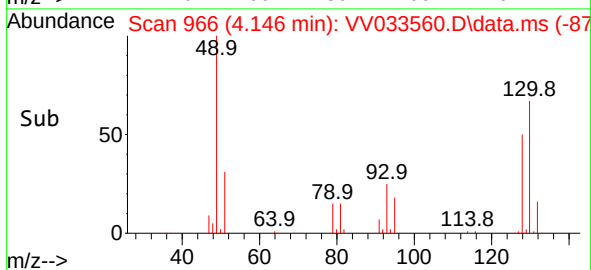
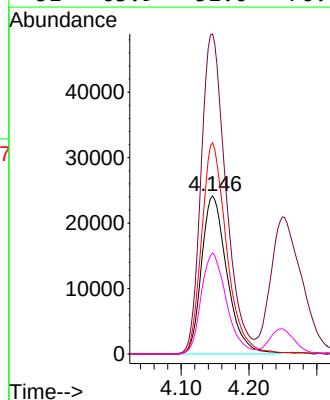
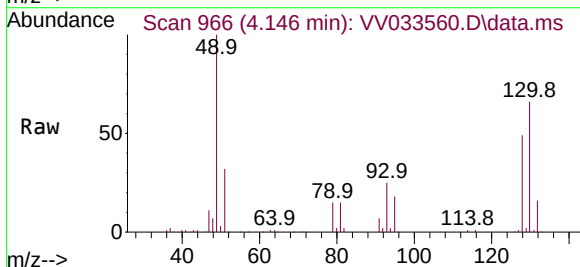
Instrument :
MSVOA_V
ClientSampleId :

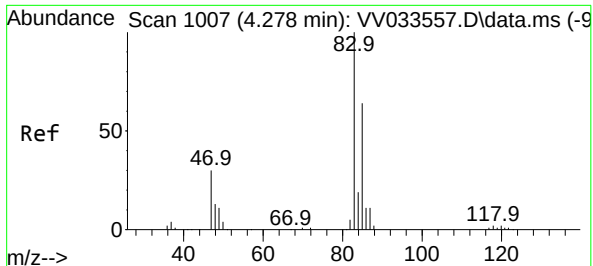
Tgt Ion: 43 Resp: 214344
Ion Ratio Lower Upper
43 100
72 21.5 11.9 35.5



#23
Bromochloromethane
Concen: 49.671 ug/L
RT: 4.146 min Scan# 966
Delta R.T. -0.003 min
Lab File: VV033560.D
Acq: 10 Jan 2024 15:04

Tgt Ion:128 Resp: 62867
Ion Ratio Lower Upper
128 100
49 202.7 143.9 267.2
130 133.8 90.6 168.2
51 63.9 51.0 76.6

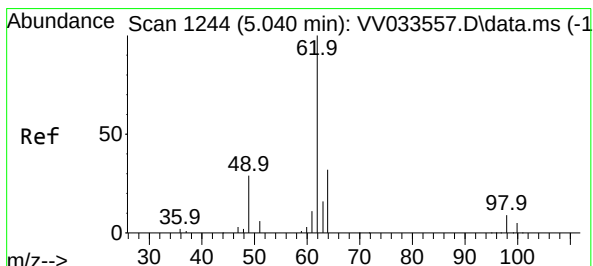
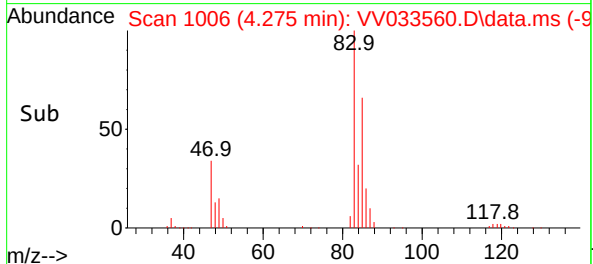
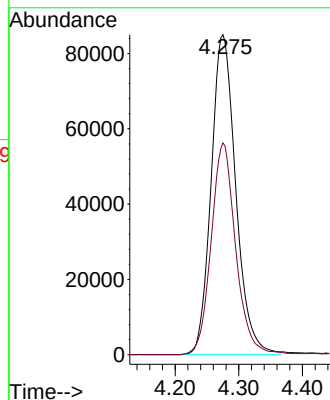
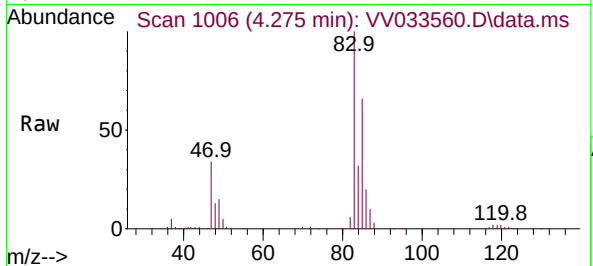




#25
Chloroform
Concen: 50.384 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.003 min
Lab File: VV033560.D
Acq: 10 Jan 2024 15:04

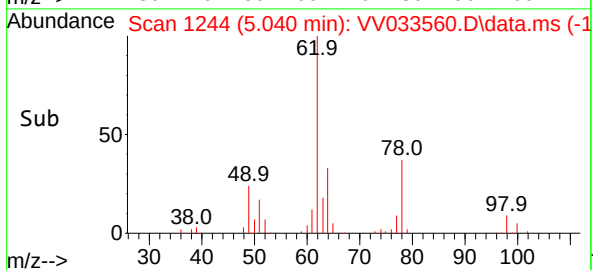
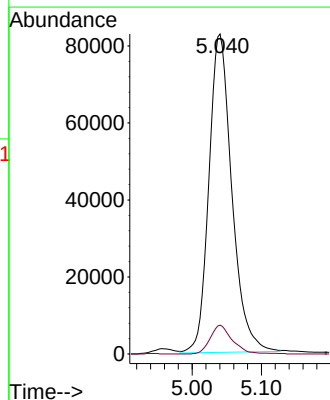
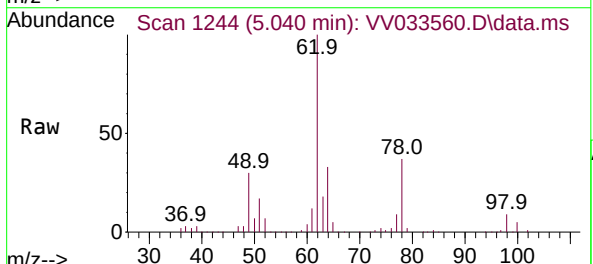
Instrument :
MSVOA_V
ClientSampleId :

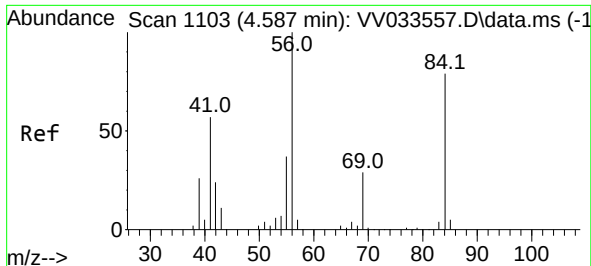
Tgt Ion: 83 Resp: 228619
Ion Ratio Lower Upper
83 100
85 66.2 45.1 83.9



#27
1,2-Dichloroethane
Concen: 50.229 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.000 min
Lab File: VV033560.D
Acq: 10 Jan 2024 15:04

Tgt Ion: 62 Resp: 190366
Ion Ratio Lower Upper
62 100
98 9.0 6.8 10.2





#29

Cyclohexane

Concen: 51.651 ug/L

RT: 4.580 min Scan# 1103

Delta R.T. -0.007 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

Instrument :

MSVOA_V

ClientSampleId :

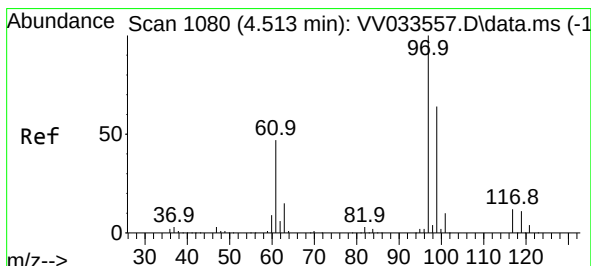
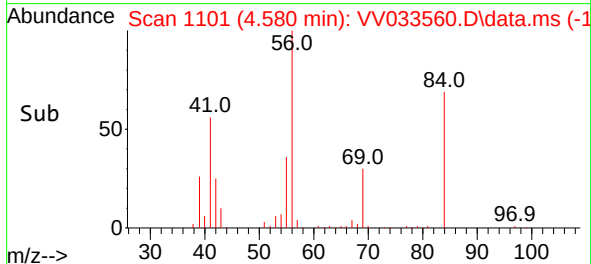
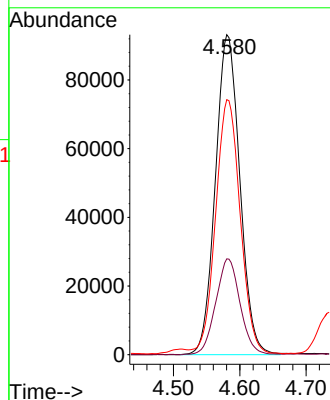
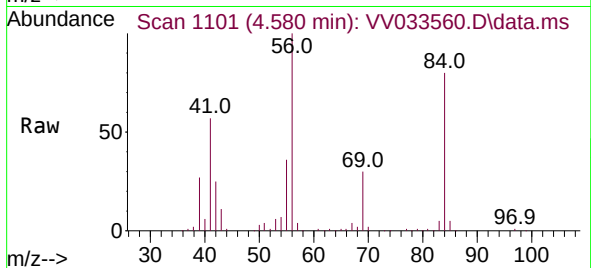
Tgt Ion: 56 Resp: 238967

Ion Ratio Lower Upper

56 100

69 29.8 23.8 35.6

84 79.4 63.8 95.6



#30

1,1,1-Trichloroethane

Concen: 51.834 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.000 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

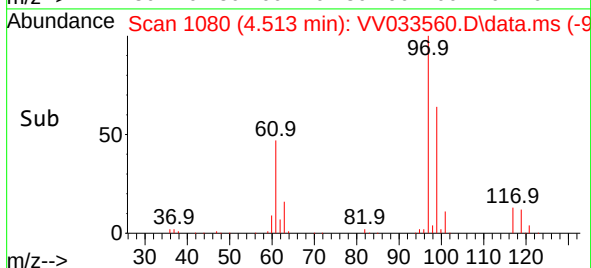
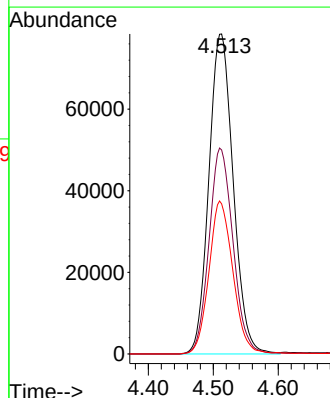
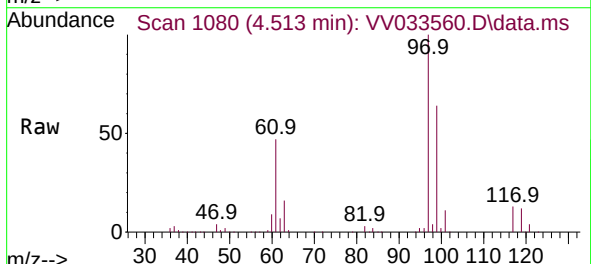
Tgt Ion: 97 Resp: 204142

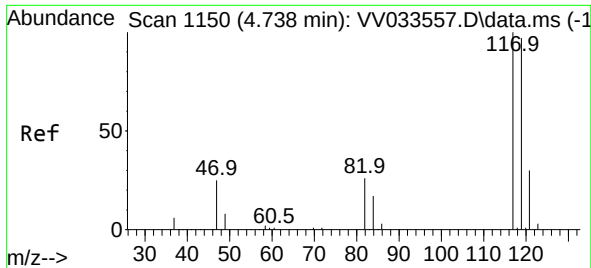
Ion Ratio Lower Upper

97 100

99 63.5 51.4 77.0

61 47.0 38.2 57.2

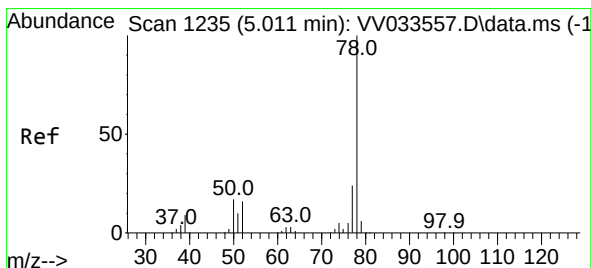
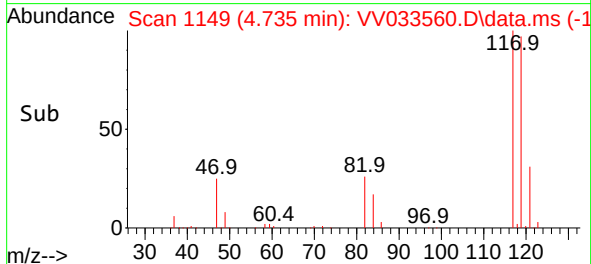
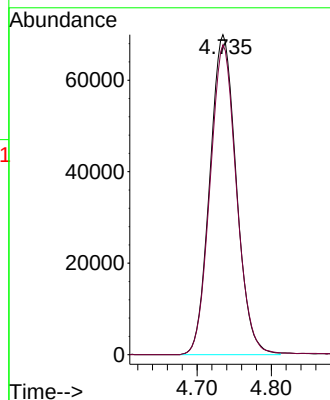
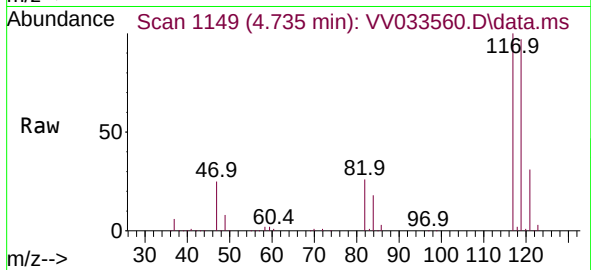




#31
Carbon tetrachloride
Concen: 51.557 ug/L
RT: 4.735 min Scan# 1150
Delta R.T. -0.003 min
Lab File: VV033560.D
Acq: 10 Jan 2024 15:04

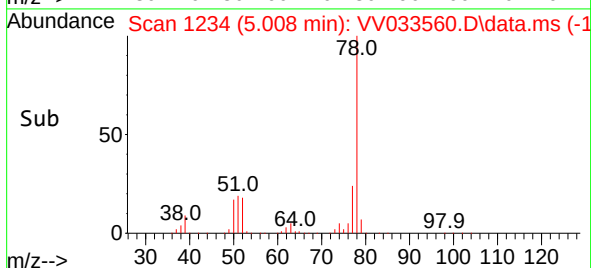
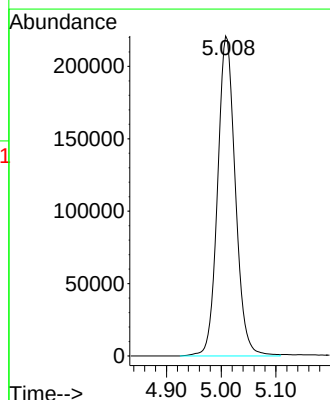
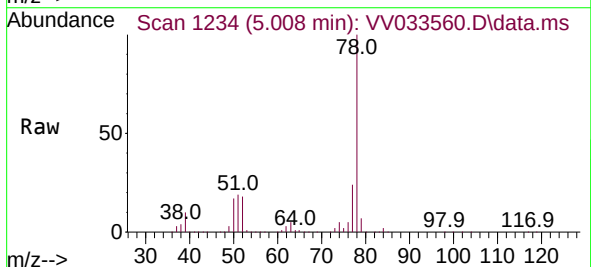
Instrument :
MSVOA_V
ClientSampleId :

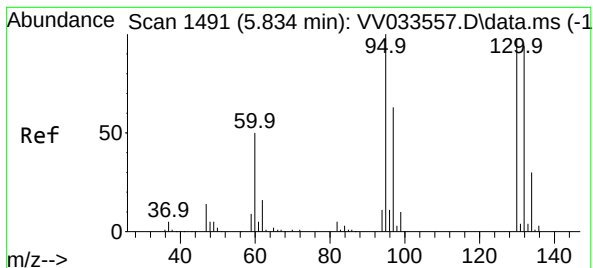
Tgt Ion:117 Resp: 173315
Ion Ratio Lower Upper
117 100
119 96.6 77.0 115.4



#33
Benzene
Concen: 51.652 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV033560.D
Acq: 10 Jan 2024 15:04

Tgt Ion: 78 Resp: 497882





#34

Trichloroethene

Concen: 51.116 ug/L

RT: 5.831 min Scan# 1491

Delta R.T. -0.003 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 132169

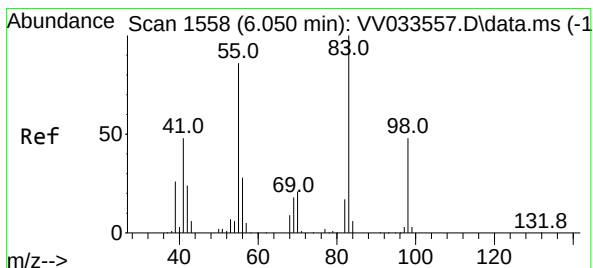
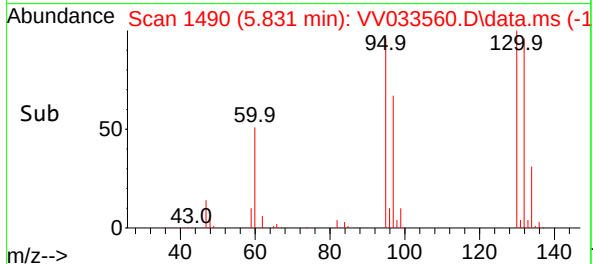
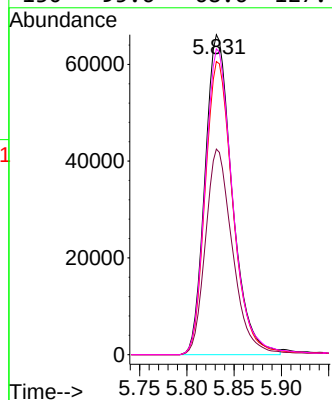
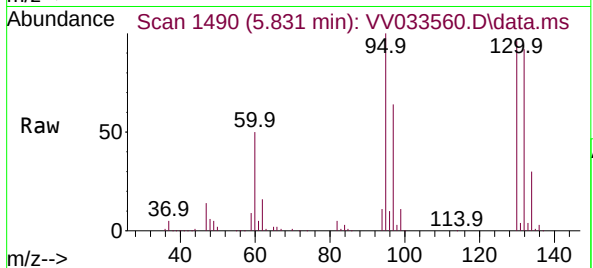
Ion Ratio Lower Upper

95 100

97 64.3 44.4 82.4

132 91.6 65.5 121.7

130 95.6 68.6 127.4



#35

Methylcyclohexane

Concen: 51.878 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

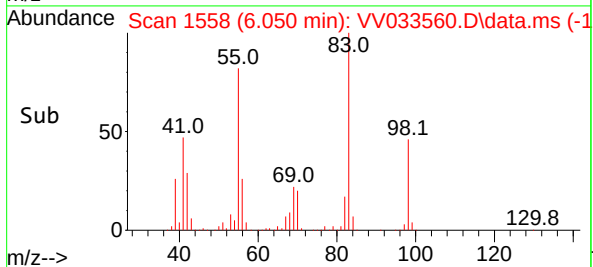
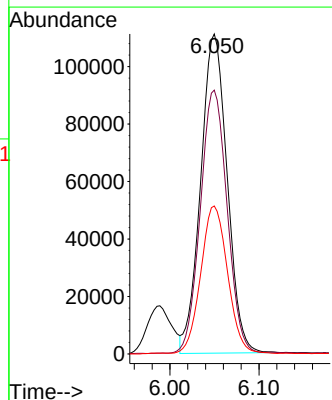
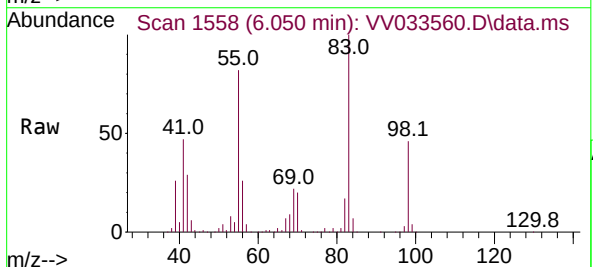
Tgt Ion: 83 Resp: 229561

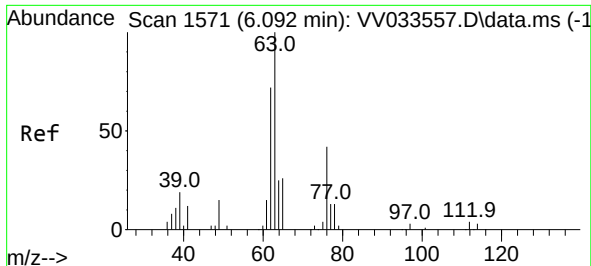
Ion Ratio Lower Upper

83 100

55 83.3 67.1 100.7

98 47.0 37.7 56.5





#37

1,2-Dichloropropane

Concen: 53.168 ug/L

RT: 6.092 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

Instrument :

MSVOA_V

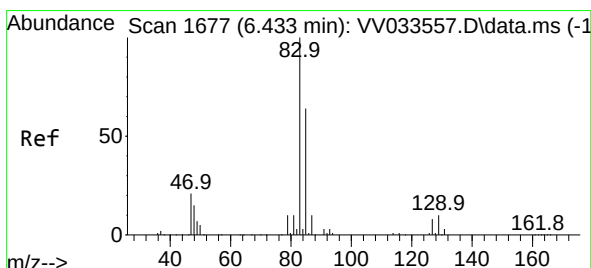
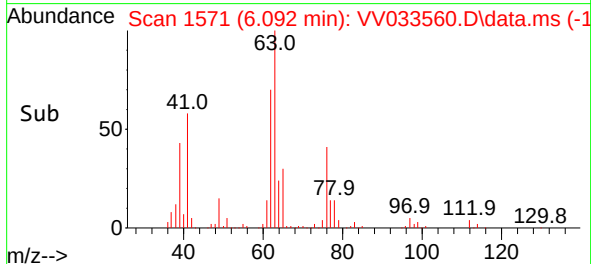
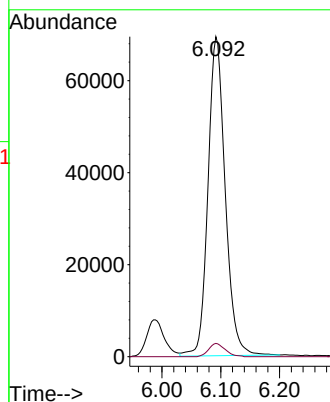
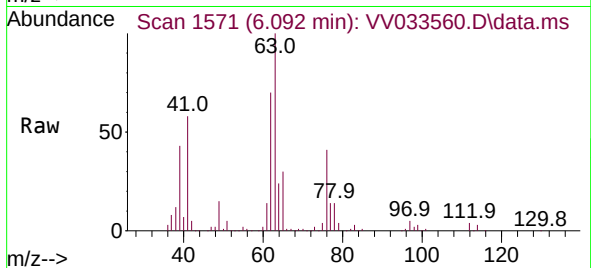
ClientSampleId :

Tgt Ion: 63 Resp: 141029

Ion Ratio Lower Upper

63 100

112 4.0 3.1 4.7



#38

Bromodichloromethane

Concen: 51.385 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

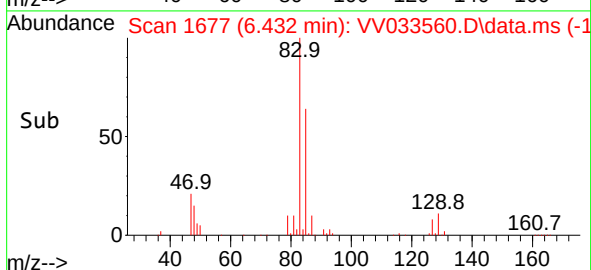
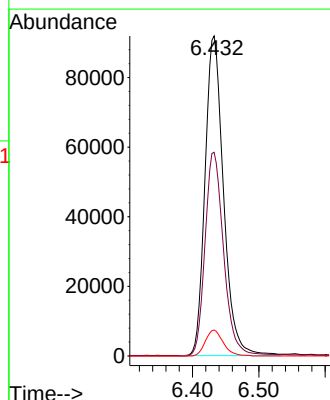
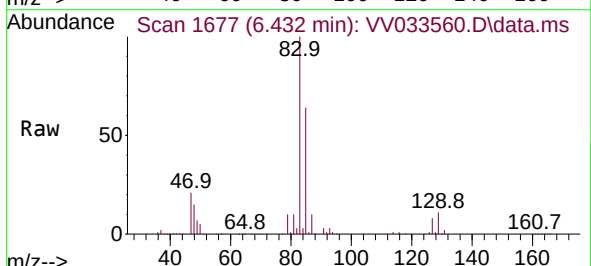
Tgt Ion: 83 Resp: 178304

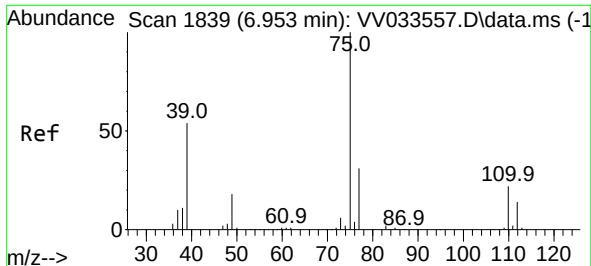
Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.7

127 8.1 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 52.383 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.000 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

Instrument :

MSVOA_V

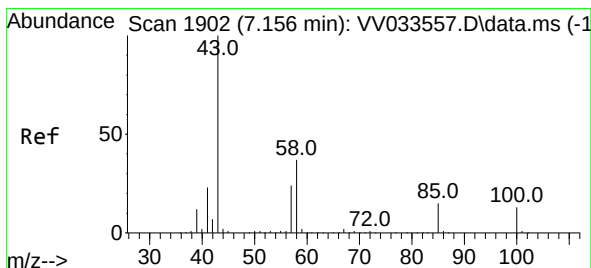
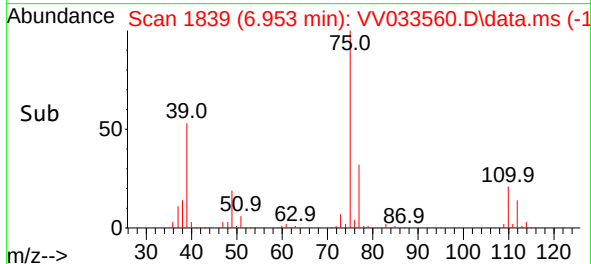
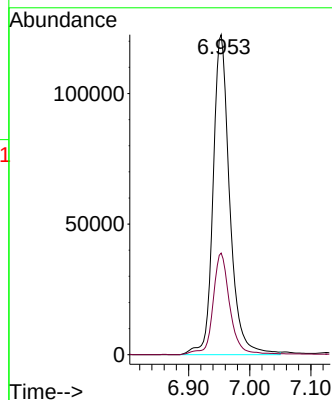
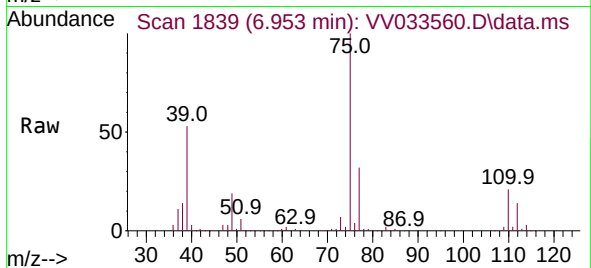
ClientSampleId :

Tgt Ion: 75 Resp: 232029

Ion Ratio Lower Upper

75 100

77 31.7 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 101.308 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

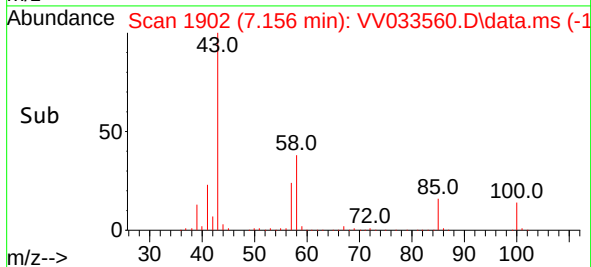
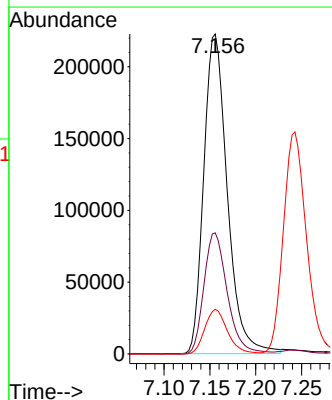
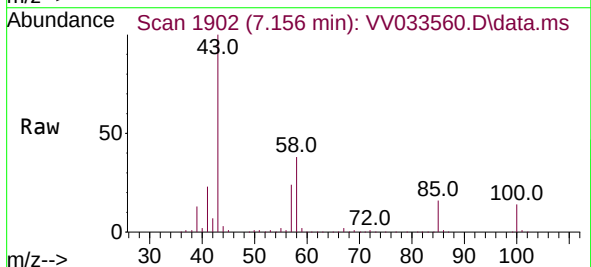
Tgt Ion: 43 Resp: 398174

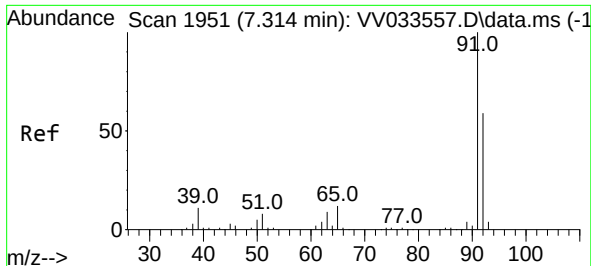
Ion Ratio Lower Upper

43 100

58 37.6 29.6 44.4

100 13.5 10.6 16.0





#42

Toluene

Concen: 51.601 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

Instrument :

MSVOA_V

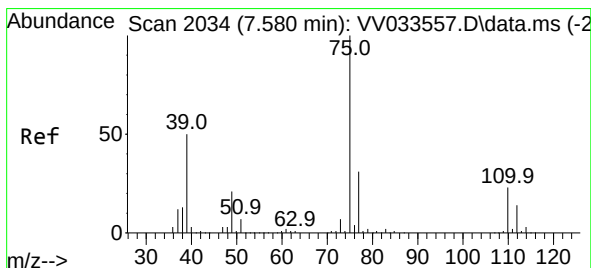
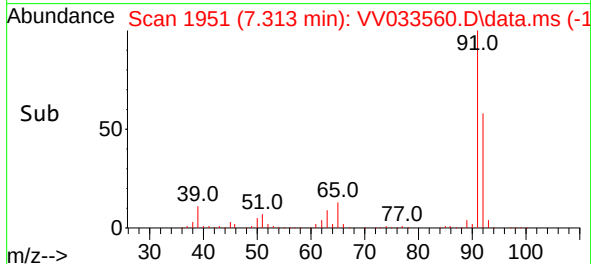
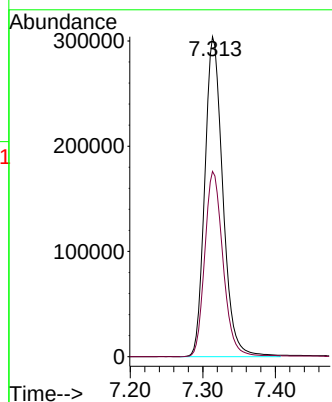
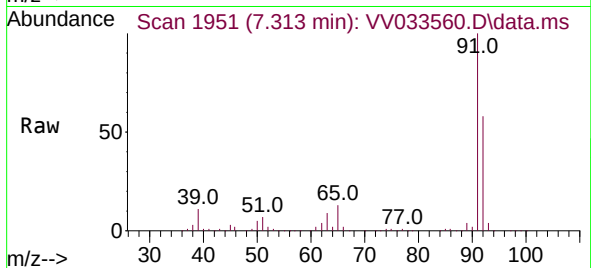
ClientSampleId :

Tgt Ion: 91 Resp: 525793

Ion Ratio Lower Upper

91 100

92 57.9 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 52.274 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.000 min

Lab File: VV033560.D

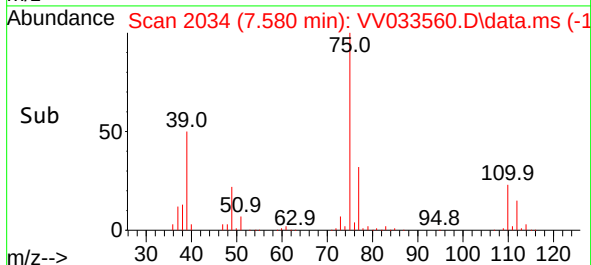
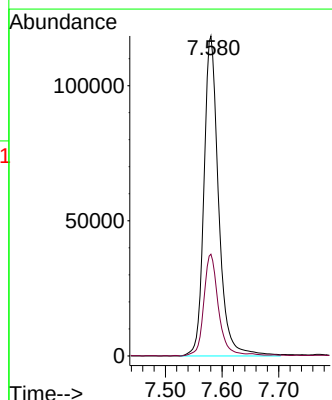
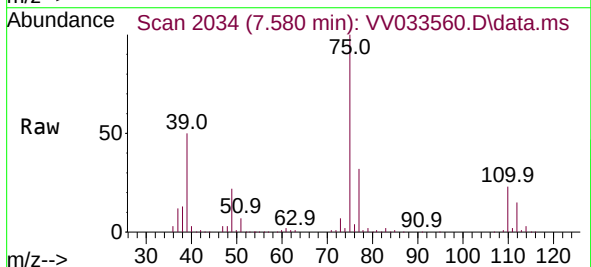
Acq: 10 Jan 2024 15:04

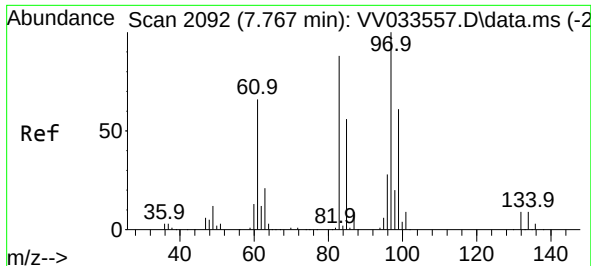
Tgt Ion: 75 Resp: 213374

Ion Ratio Lower Upper

75 100

77 31.8 21.6 40.0

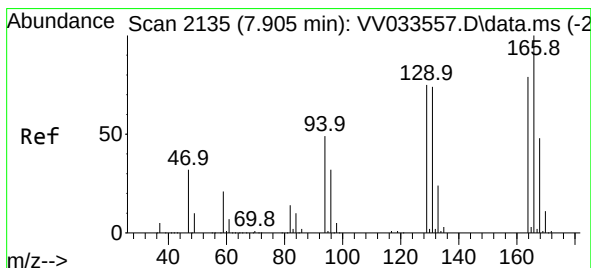
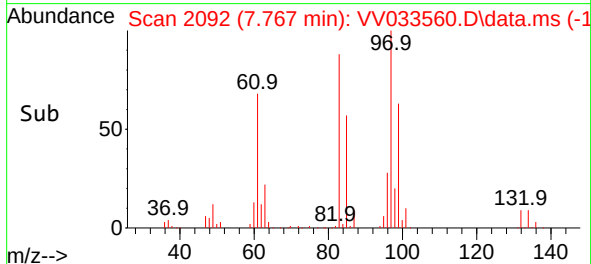
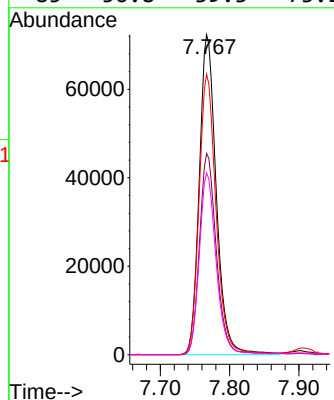
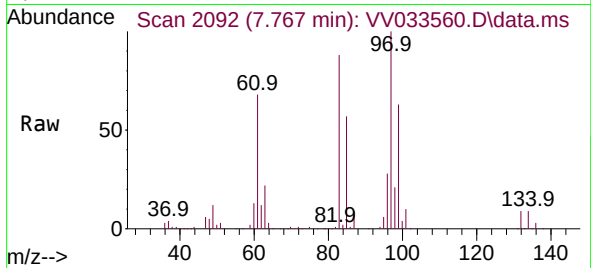




#45
1,1,2-Trichloroethane
Concen: 51.531 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV033560.D
Acq: 10 Jan 2024 15:04

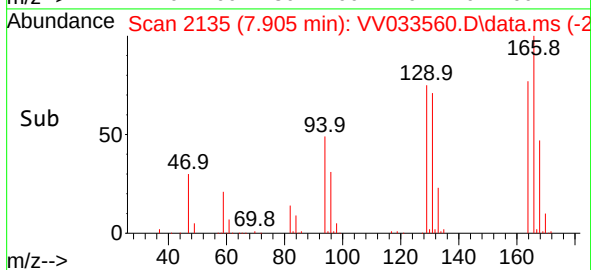
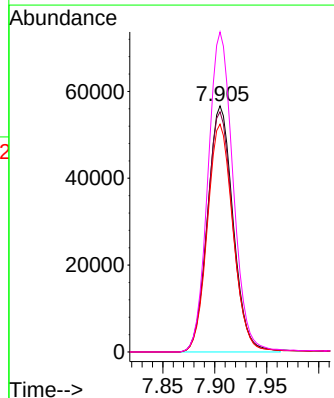
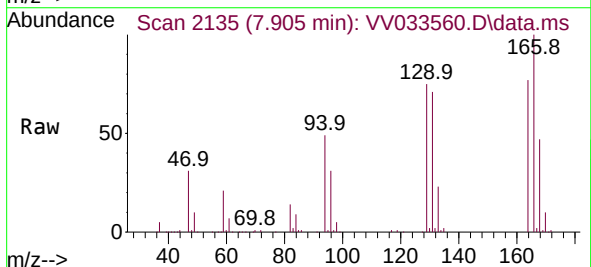
Instrument :
MSVOA_V
ClientSampleId :

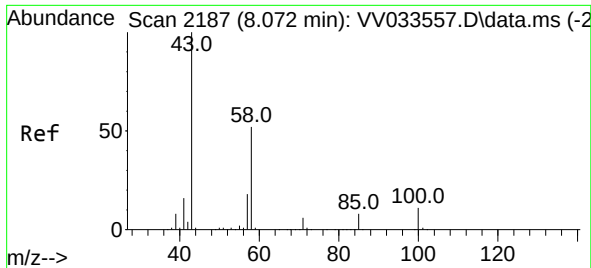
Tgt Ion:	97	Resp:	124019
Ion	Ratio	Lower	Upper
97	100		
99	62.8	42.8	79.6
83	87.7	61.2	113.8
85	56.8	39.3	73.1



#46
Tetrachloroethene
Concen: 51.180 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033560.D
Acq: 10 Jan 2024 15:04

Tgt Ion:	164	Resp:	97064
Ion	Ratio	Lower	Upper
164	100		
129	97.6	66.1	122.7
131	92.5	65.9	122.5
166	130.0	88.5	164.3



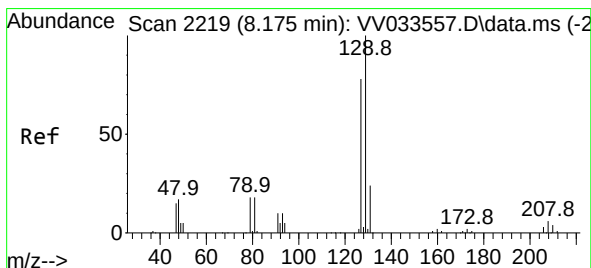
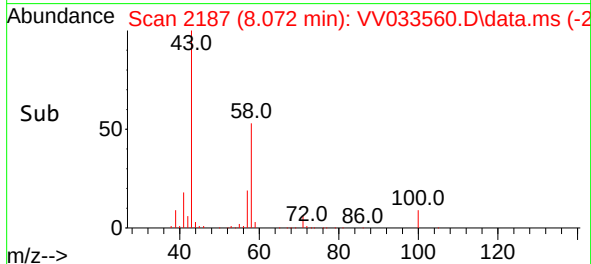
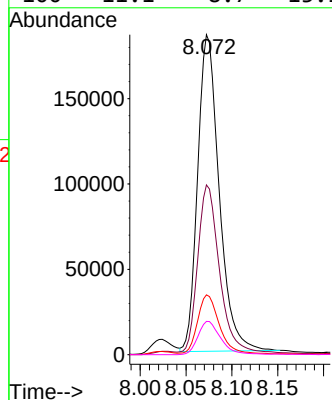
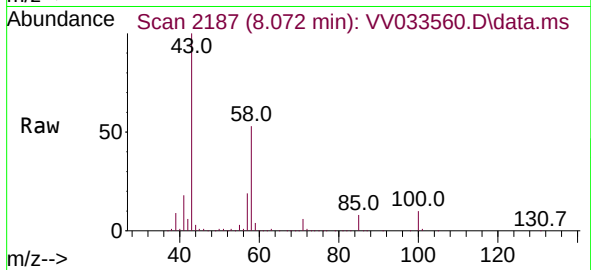


#48
2-Hexanone
Concen: 96.752 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV033560.D
Acq: 10 Jan 2024 15:04

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 303003

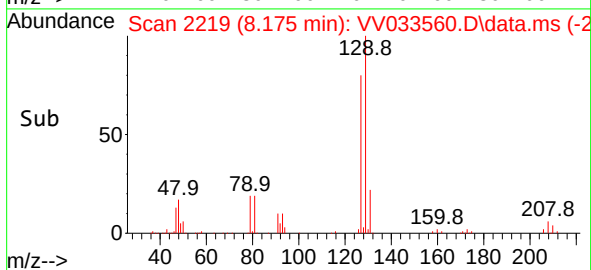
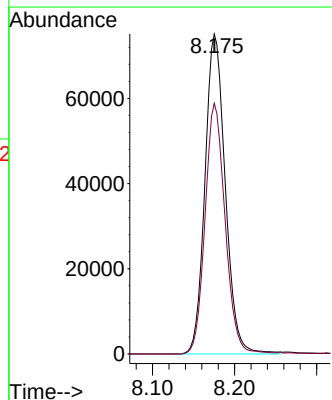
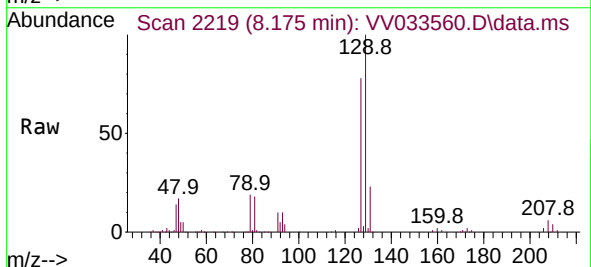
Ion	Ratio	Lower	Upper
43	100		
58	54.9	42.3	63.5
57	18.6	14.2	21.2
100	11.1	8.7	13.1

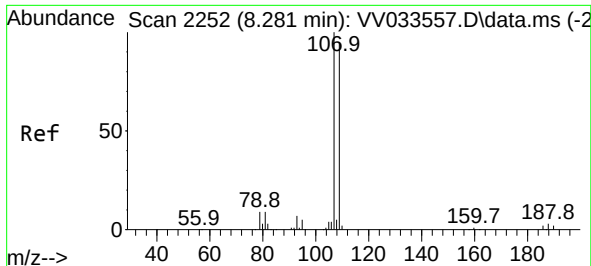


#49
Dibromochloromethane
Concen: 51.525 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV033560.D
Acq: 10 Jan 2024 15:04

Tgt Ion: 129 Resp: 129152

Ion	Ratio	Lower	Upper
129	100		
127	78.3	54.5	101.3





#50

1,2-Dibromoethane

Concen: 51.166 ug/L

RT: 8.281 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

Instrument :

MSVOA_V

ClientSampleId :

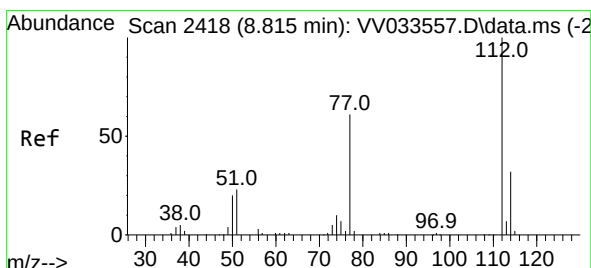
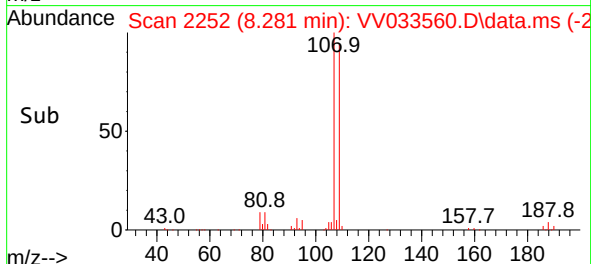
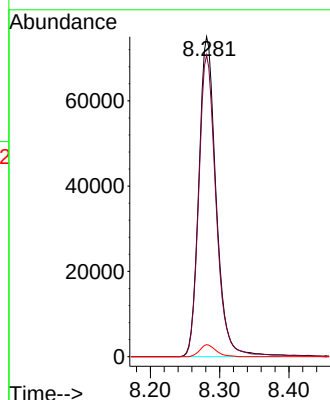
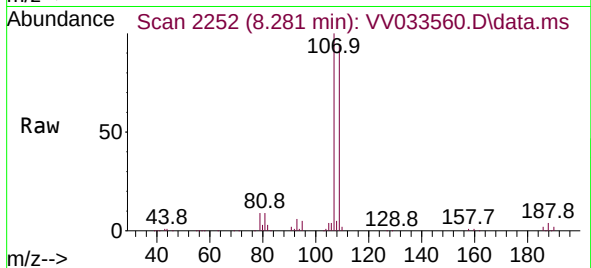
Tgt Ion:107 Resp: 130134

Ion Ratio Lower Upper

107 100

109 94.3 66.4 123.4

188 3.8 2.7 4.1



#51

Chlorobenzene

Concen: 50.600 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.003 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

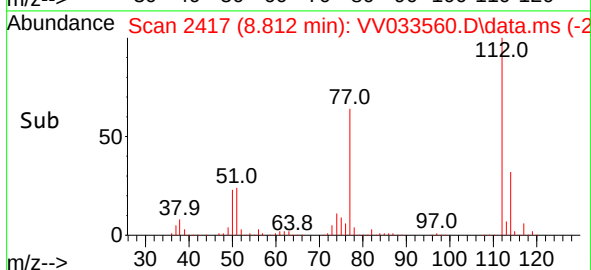
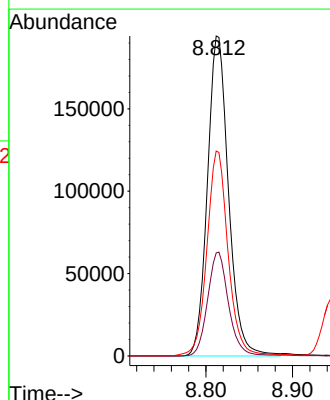
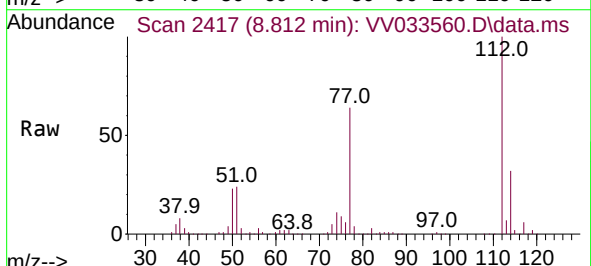
Tgt Ion:112 Resp: 328423

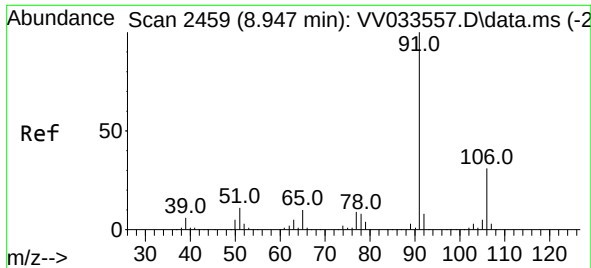
Ion Ratio Lower Upper

112 100

114 32.2 22.5 41.7

77 64.1 49.4 74.0

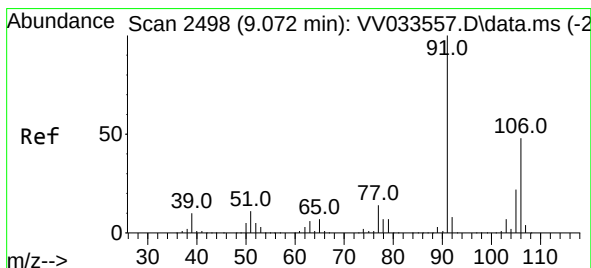
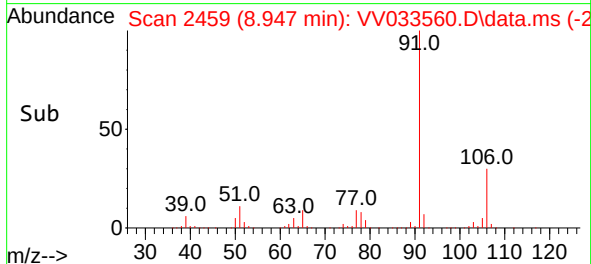
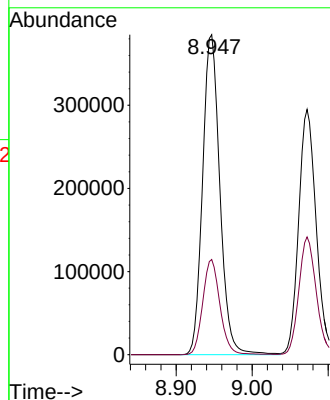
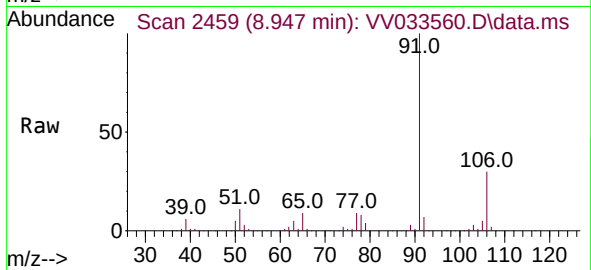




#52
Ethylbenzene
Concen: 51.453 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV033560.D
Acq: 10 Jan 2024 15:04

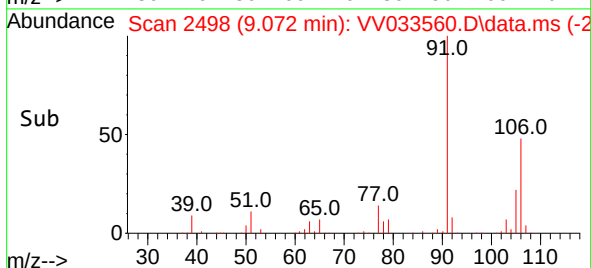
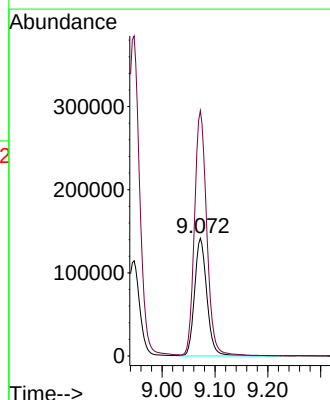
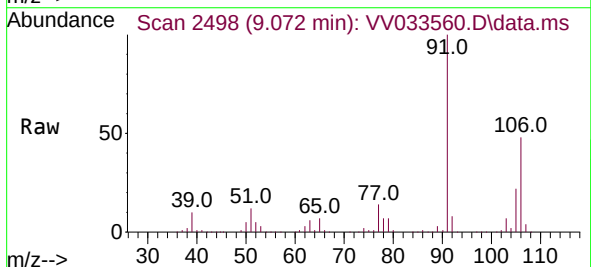
Instrument :
MSVOA_V
ClientSampleId :

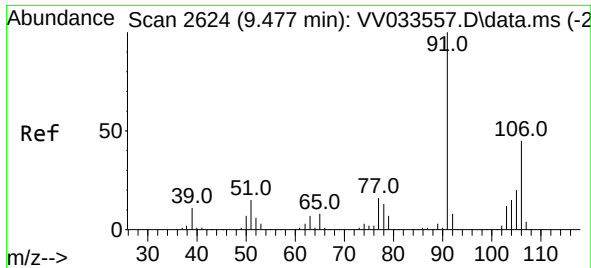
Tgt Ion: 91 Resp: 607243
Ion Ratio Lower Upper
91 100
106 29.7 21.5 39.9



#53
m,p-Xylene
Concen: 52.403 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033560.D
Acq: 10 Jan 2024 15:04

Tgt Ion: 106 Resp: 228323
Ion Ratio Lower Upper
106 100
91 208.4 146.1 271.3

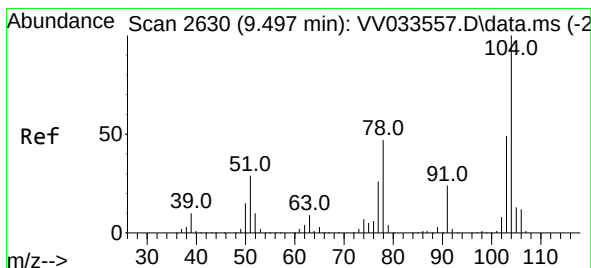
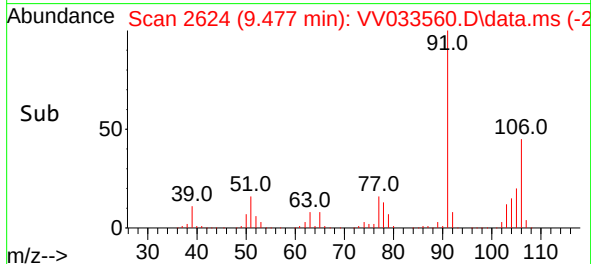
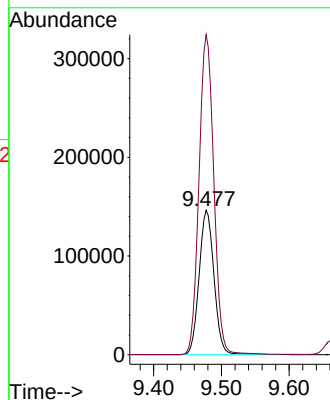
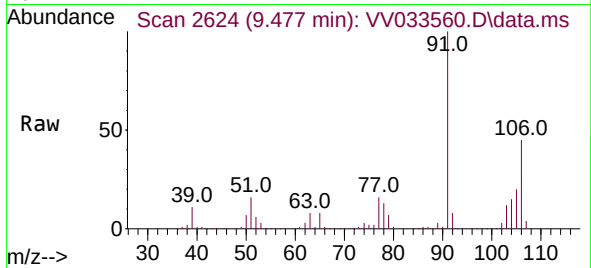




#54
o-Xylene
Concen: 51.646 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033560.D
Acq: 10 Jan 2024 15:04

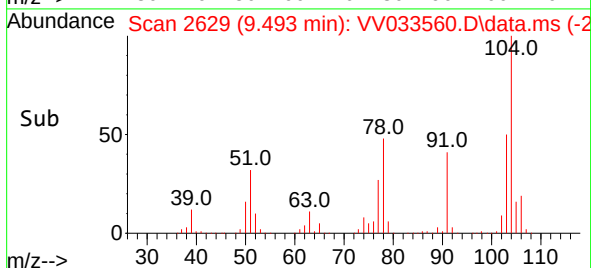
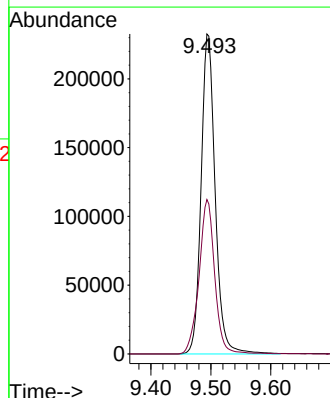
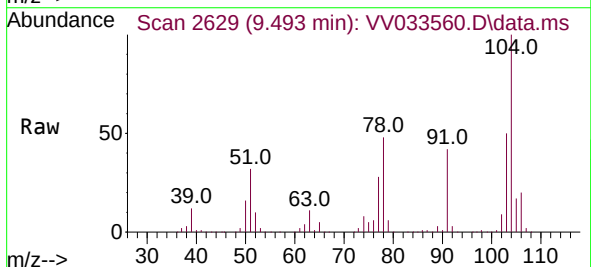
Instrument :
MSVOA_V
ClientSampleId :

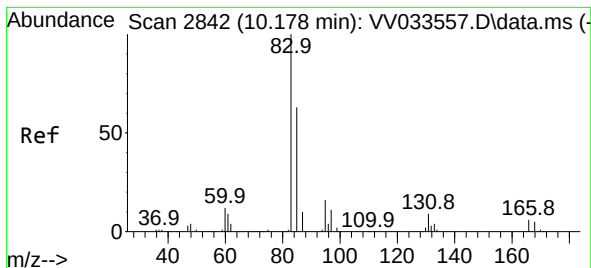
Tgt Ion:106 Resp: 222775
Ion Ratio Lower Upper
106 100
91 221.8 155.2 288.2



#55
Styrene
Concen: 51.219 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.003 min
Lab File: VV033560.D
Acq: 10 Jan 2024 15:04

Tgt Ion:104 Resp: 381437
Ion Ratio Lower Upper
104 100
78 48.3 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 50.523 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. -0.000 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

Instrument :

MSVOA_V

ClientSampleId :

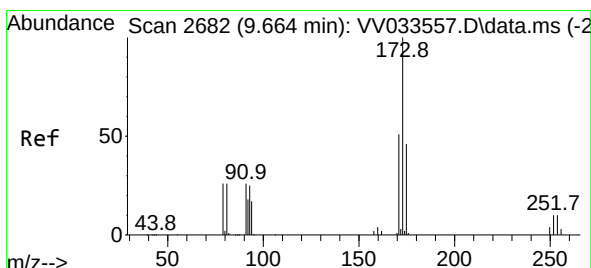
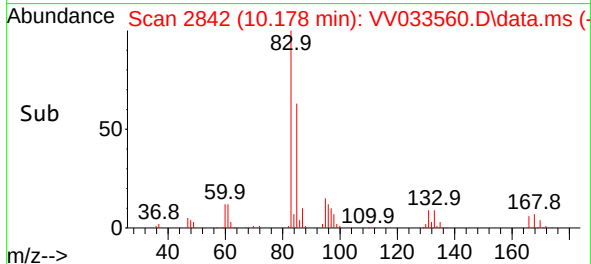
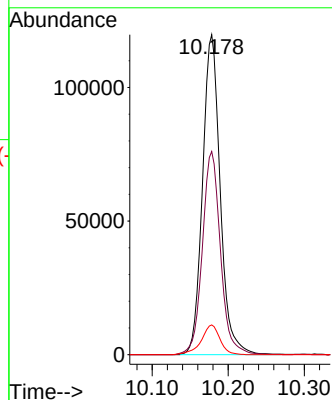
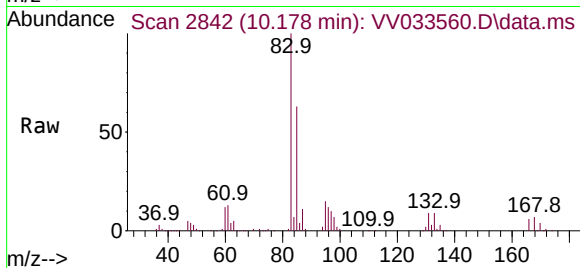
Tgt Ion: 83 Resp: 193510

Ion Ratio Lower Upper

83 100

85 63.5 44.9 83.5

131 9.3 7.5 11.3



#59

Bromoform

Concen: 52.127 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. -0.000 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

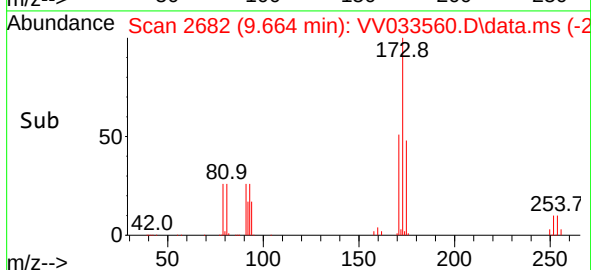
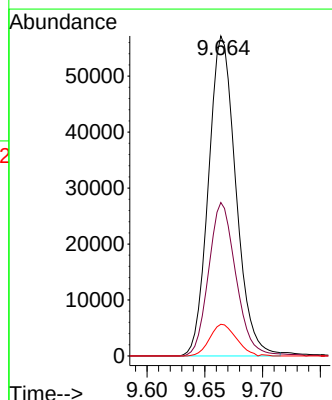
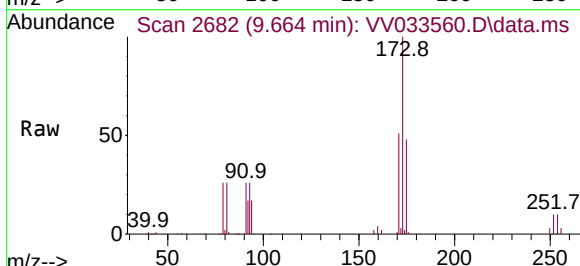
Tgt Ion: 173 Resp: 94320

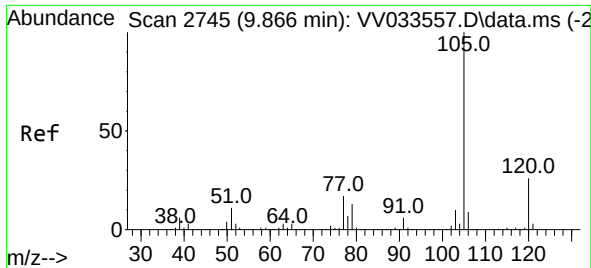
Ion Ratio Lower Upper

173 100

175 48.0 37.2 55.8

254 9.6 7.4 11.0

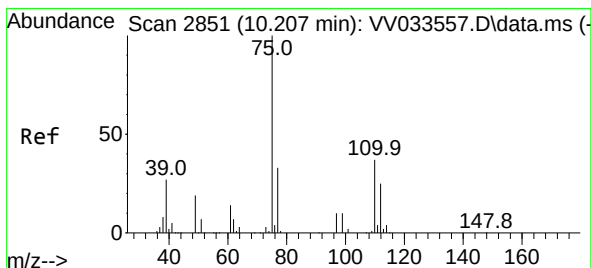
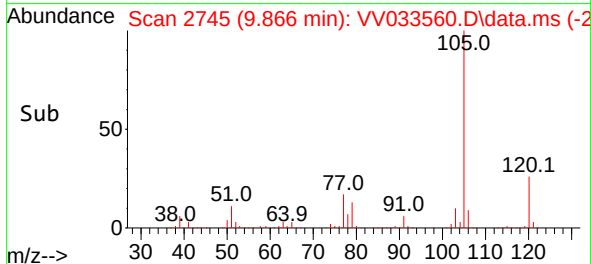
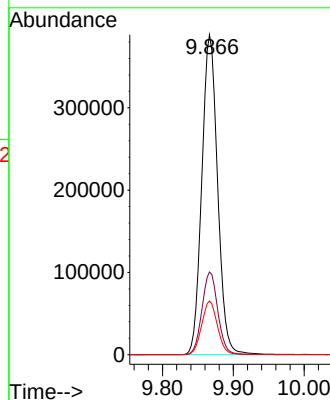
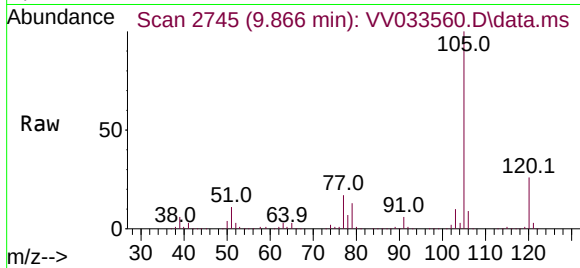




#60
Isopropylbenzene
Concen: 52.233 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033560.D
Acq: 10 Jan 2024 15:04

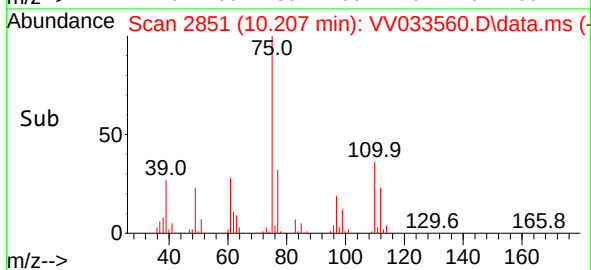
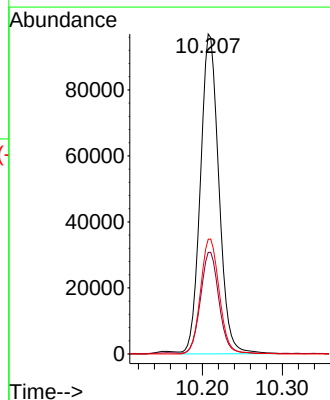
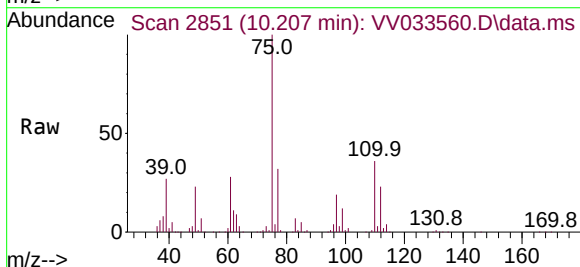
Instrument :
MSVOA_V
ClientSampleId :

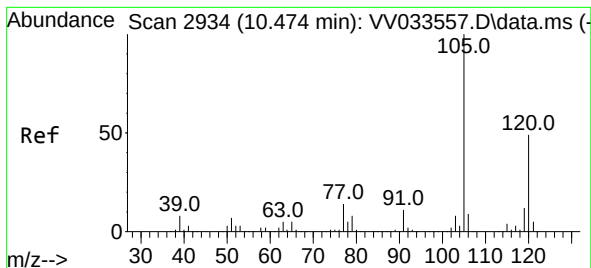
Tgt Ion:105 Resp: 601664
Ion Ratio Lower Upper
105 100
120 25.9 20.6 31.0
77 16.7 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 51.546 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV033560.D
Acq: 10 Jan 2024 15:04

Tgt Ion: 75 Resp: 155744
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9
110 36.7 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 51.905 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

Instrument :

MSVOA_V

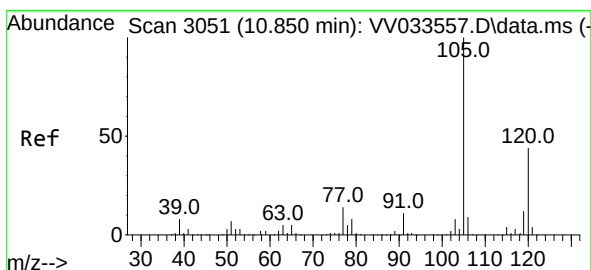
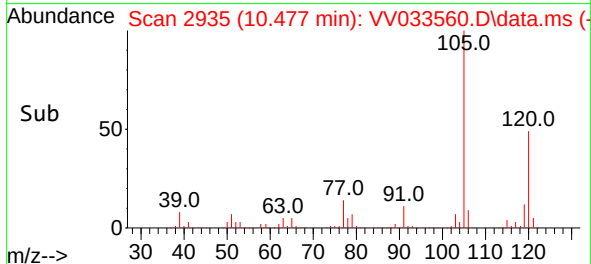
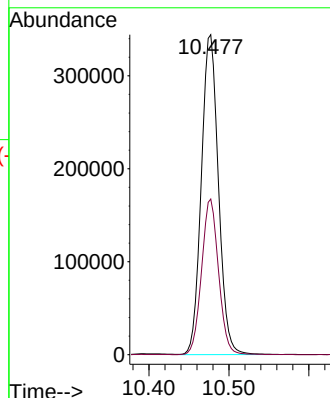
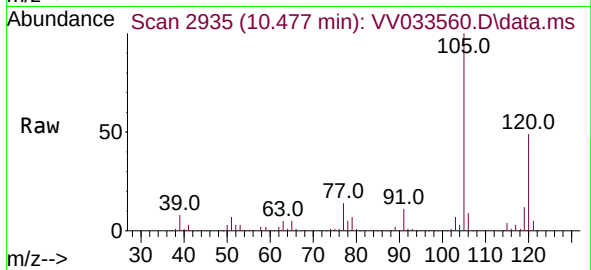
ClientSampleId :

Tgt Ion:105 Resp: 512991

Ion Ratio Lower Upper

105 100

120 48.2 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 52.635 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV033560.D

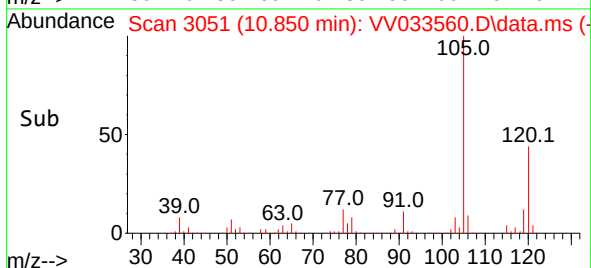
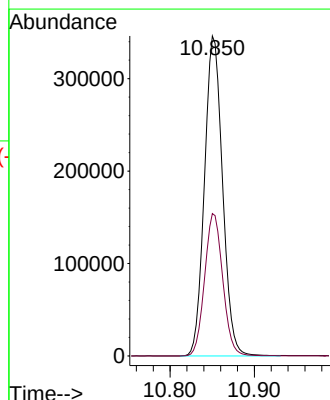
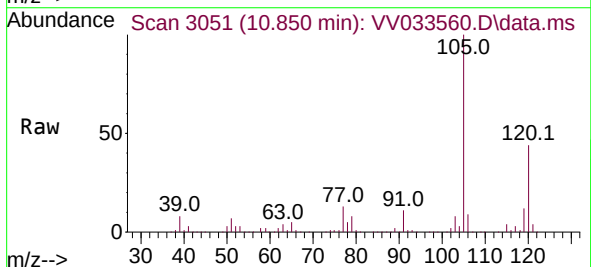
Acq: 10 Jan 2024 15:04

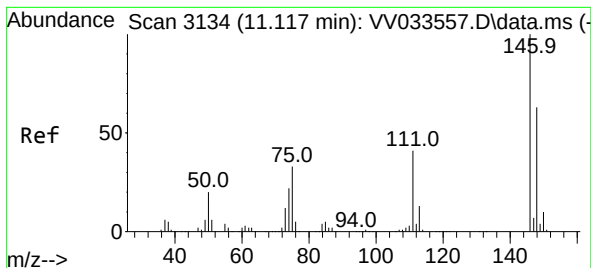
Tgt Ion:105 Resp: 518320

Ion Ratio Lower Upper

105 100

120 44.5 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 51.049 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

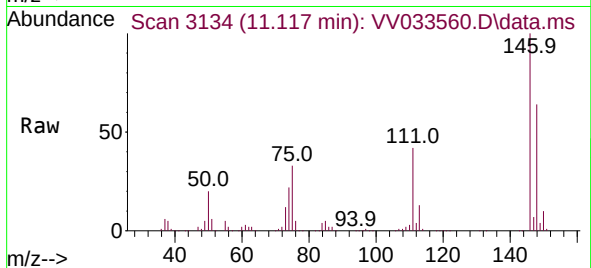
Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

Instrument :

MSVOA_V

ClientSampleId :



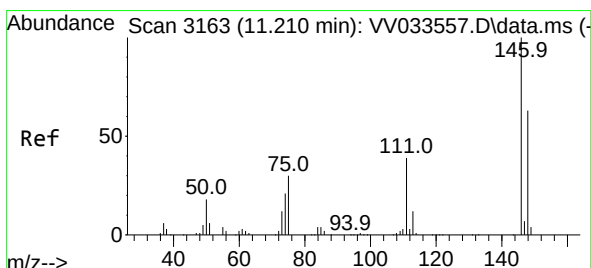
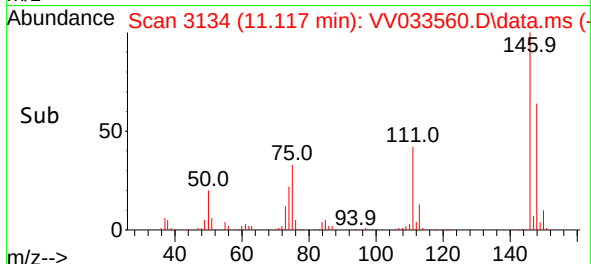
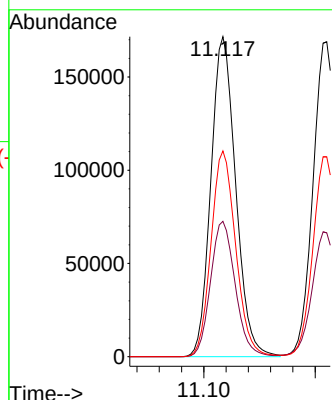
Tgt Ion:146 Resp: 265607

Ion Ratio Lower Upper

146 100

111 42.3 29.0 53.8

148 64.3 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 51.244 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

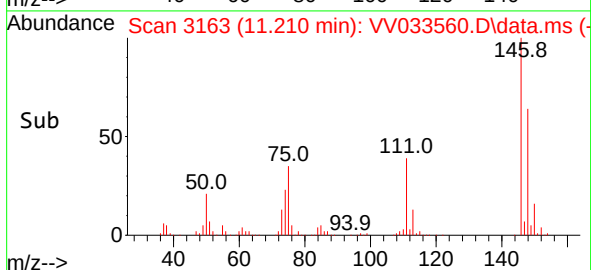
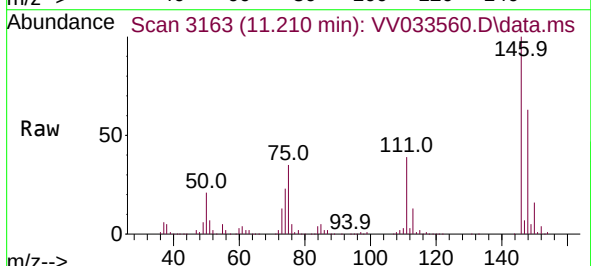
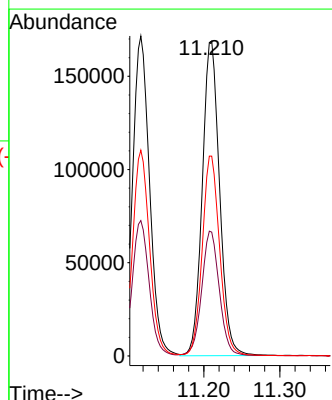
Tgt Ion:146 Resp: 267341

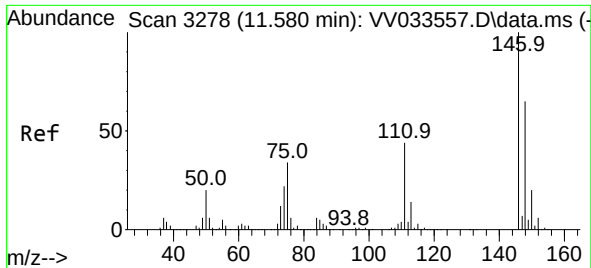
Ion Ratio Lower Upper

146 100

111 39.3 27.7 51.5

148 63.5 44.1 81.9

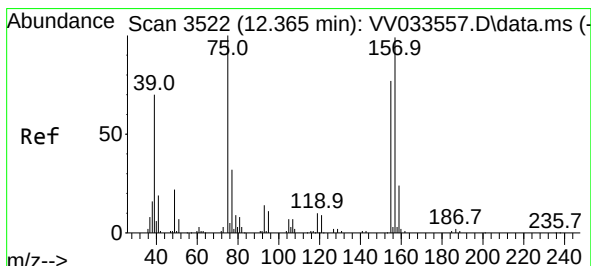
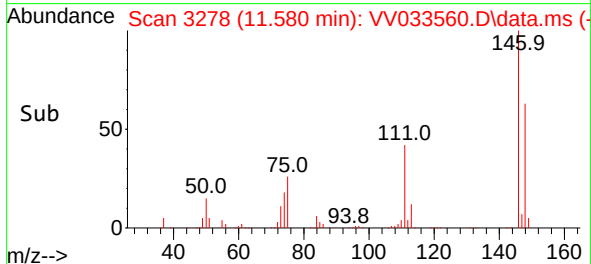
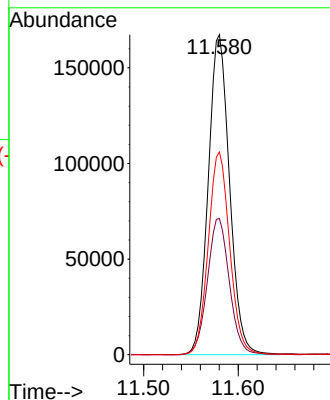
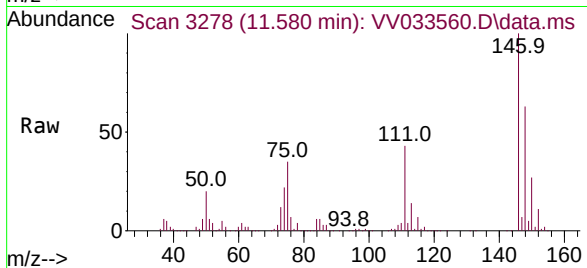




#67
 1,2-Dichlorobenzene
 Concen: 51.553 ug/L
 RT: 11.580 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV033560.D
 Acq: 10 Jan 2024 15:04

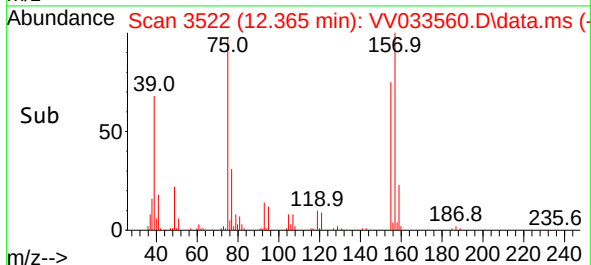
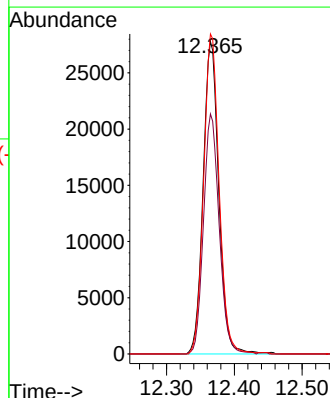
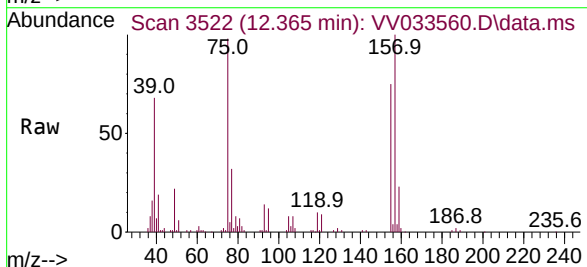
Instrument :
 MSVOA_V
 ClientSampleId :

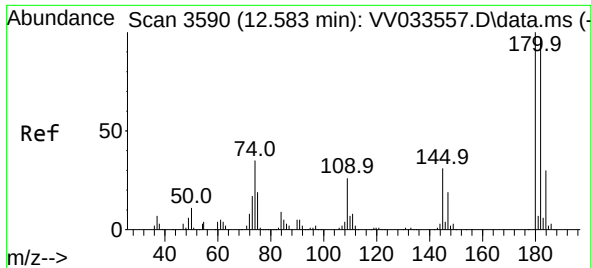
Tgt Ion:146 Resp: 262088
 Ion Ratio Lower Upper
 146 100
 111 42.5 35.4 53.0
 148 63.3 52.0 78.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 51.125 ug/L
 RT: 12.365 min Scan# 3522
 Delta R.T. -0.000 min
 Lab File: VV033560.D
 Acq: 10 Jan 2024 15:04

Tgt Ion: 75 Resp: 44576
 Ion Ratio Lower Upper
 75 100
 155 76.8 61.6 92.4
 157 102.5 79.2 118.8





#69

1,3,5-Trichlorobenzene

Concen: 52.173 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. -0.000 min

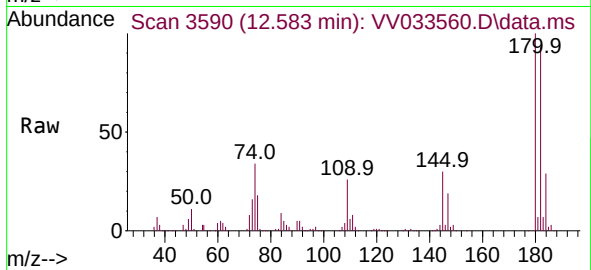
Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 200596

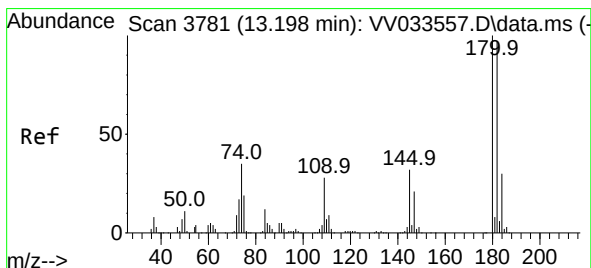
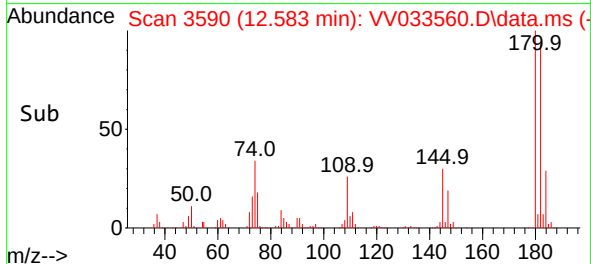
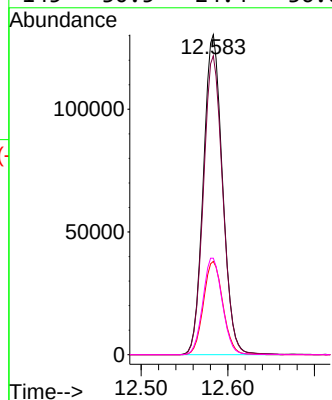
Ion Ratio Lower Upper

180 100

182 94.5 76.2 114.2

184 29.6 23.9 35.9

145 30.5 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 51.594 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

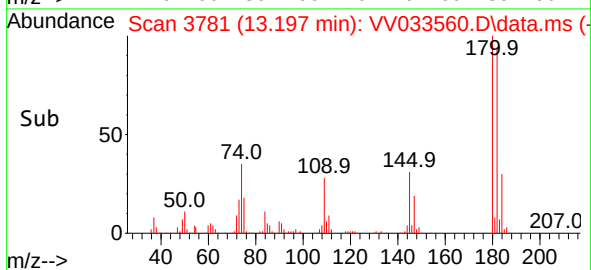
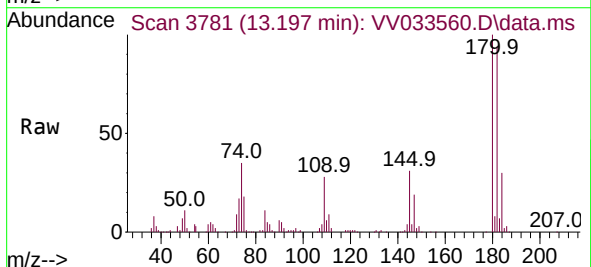
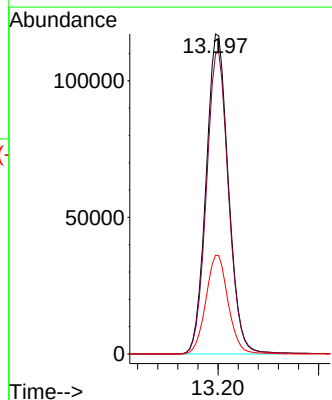
Tgt Ion:180 Resp: 180047

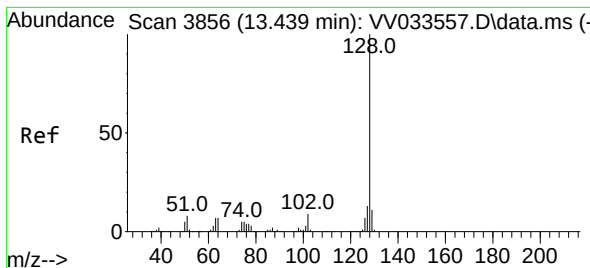
Ion Ratio Lower Upper

180 100

182 94.2 76.3 114.5

145 30.8 25.4 38.0





#71

Naphthalene

Concen: 48.597 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

Instrument :

MSVOA_V

ClientSampleId :

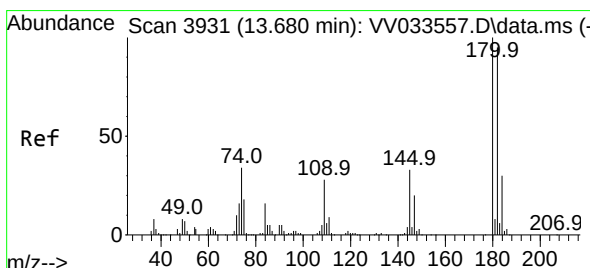
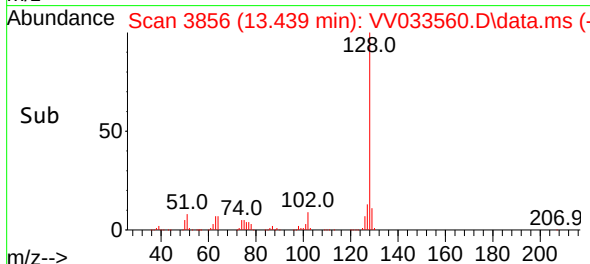
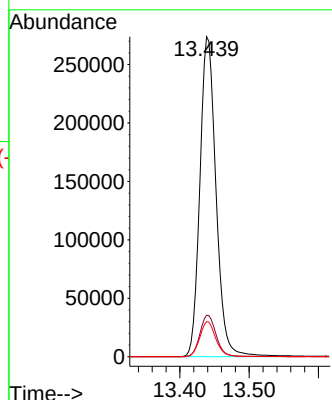
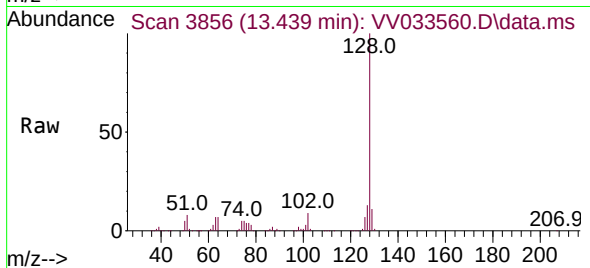
Tgt Ion:128 Resp: 443148

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 51.830 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV033560.D

Acq: 10 Jan 2024 15:04

Tgt Ion:180 Resp: 168821

Ion Ratio Lower Upper

180 100

182 94.3 76.0 114.0

145 33.1 26.3 39.5

