

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031424\
 Data File : VV034615.D
 Acq On : 14 Mar 2024 19:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 15 03:40:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 03:33:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	300771	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	281343	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	149006	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	138537	53.133	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.260%
7) Chloroethane-d5	1.532	69	113399	55.825	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.660%
11) 1,1-Dichloroethene-d2	2.056	65	61879	52.476	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.960%
21) 2-Butanone-d5	3.793	46	205908	118.090	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.090%
24) Chloroform-d	4.246	84	254997	55.313	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.620%
26) 1,2-Dichloroethane-d4	4.941	65	164905	54.739	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.480%
32) Benzene-d6	4.960	84	477775	56.268	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.540%
36) 1,2-Dichloropropane-d6	5.989	67	142660	55.054	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.100%
41) Toluene-d8	7.243	98	419970	54.655	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.320%
43) trans-1,3-Dichloroprop...	7.551	79	66936	51.439	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.880%
47) 2-Hexanone-d5	8.024	63	144488	111.662	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.660%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	191125	56.047	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.100%
66) 1,2-Dichlorobenzene-d4	11.561	152	160027	52.541	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	155066	49.151	ug/L	99
3) Chloromethane	1.214	50	153696	49.579	ug/L	99
5) Vinyl chloride	1.282	62	155522	51.682	ug/L	98
6) Bromomethane	1.487	94	91540	50.701	ug/L	98
8) Chloroethane	1.548	64	92305	51.608	ug/L	99
9) Trichlorofluoromethane	1.712	101	226553	50.274	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	123368	50.795	ug/L	99
12) 1,1-Dichloroethene	2.069	96	115210	51.155	ug/L	98
13) Acetone	2.127	43	152435	72.721	ug/L	97
14) Carbon disulfide	2.240	76	324999	51.997	ug/L	100
15) Methyl Acetate	2.375	43	160217	59.745	ug/L	100
16) Methylene chloride	2.445	84	132490	55.459	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	117777	54.030	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	440115	56.222	ug/L	99
19) 1,1-Dichloroethane	3.111	63	243114	56.933	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	133496	56.443	ug/L	95
22) 2-Butanone	3.876	43	210118	101.511	ug/L	99
23) Bromochloromethane	4.146	128	70615	57.739	ug/L	96
25) Chloroform	4.275	83	243774	55.078	ug/L	99

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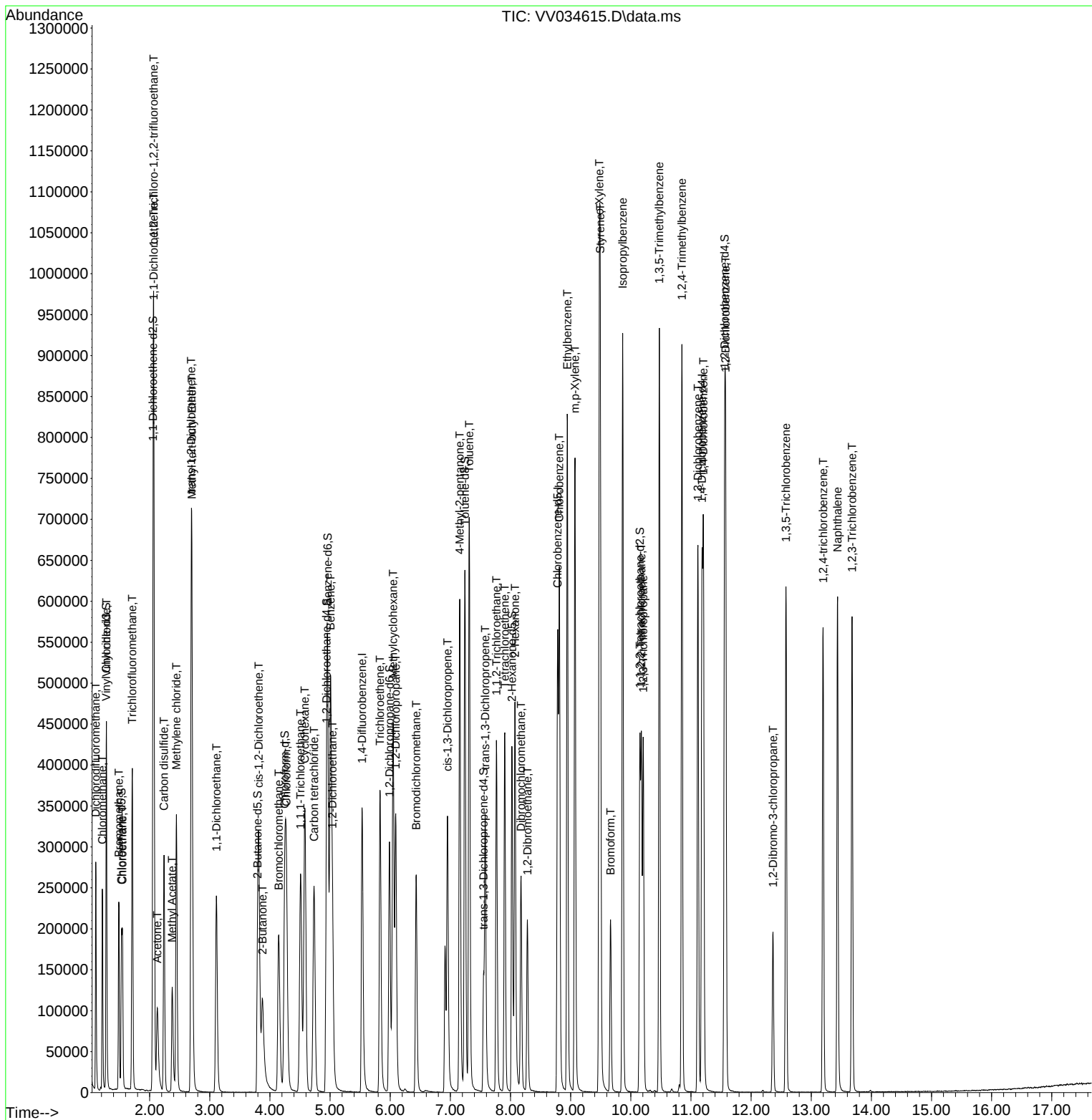
Instrument :
 MSVOA_V
 ClientSampleId :

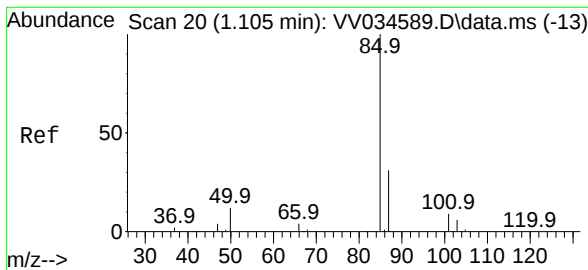
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	197524	54.929	ug/L	100
29) Cyclohexane	4.580	56	195347	52.788	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	222502	55.151	ug/L	99
31) Carbon tetrachloride	4.735	117	193512	54.176	ug/L	99
33) Benzene	5.008	78	494507	56.626	ug/L	100
34) Trichloroethene	5.831	95	128101	51.605	ug/L	95
35) Methylcyclohexane	6.050	83	189855	50.308	ug/L	99
37) 1,2-Dichloropropane	6.092	63	127292	55.675	ug/L	100
38) Bromodichloromethane	6.432	83	175382	54.534	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	206382	55.714	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	398933	118.330	ug/L	100
42) Toluene	7.313	91	504283	54.562	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	192617	54.065	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	125006	56.666	ug/L	98
46) Tetrachloroethene	7.905	164	93584	50.692	ug/L	98
48) 2-Hexanone	8.075	43	309381	115.163	ug/L	99
49) Dibromochloromethane	8.175	129	130243	55.947	ug/L	97
50) 1,2-Dibromoethane	8.281	107	134525	57.467	ug/L	96
51) Chlorobenzene	8.812	112	322146	53.915	ug/L	100
52) Ethylbenzene	8.944	91	558233	53.904	ug/L	100
53) m,p-Xylene	9.072	106	210088	53.459	ug/L	100
54) o-Xylene	9.477	106	207591	53.945	ug/L	99
55) Styrene	9.493	104	363639	55.811	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	194001	58.551	ug/L	99
59) Bromoform	9.664	173	89609	54.241	ug/L	100
60) Isopropylbenzene	9.866	105	568535	53.948	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	162706	57.203	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	475250	53.461	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	475070	54.033	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	256678	52.678	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	261290	52.806	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	257419	52.723	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	48123	56.797	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	180713	49.438	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	164184	49.918	ug/L	99
71) Naphthalene	13.439	128	450139	51.163	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	167293	52.138	ug/L	98

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

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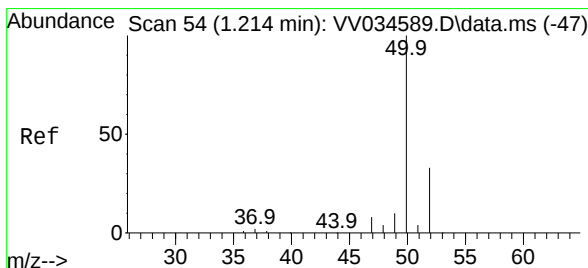
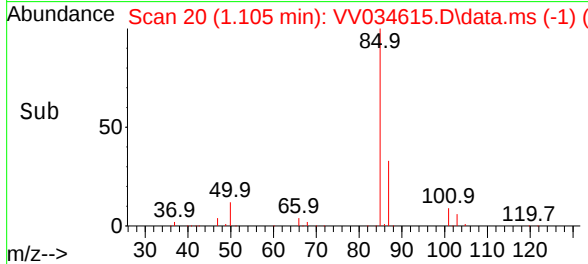
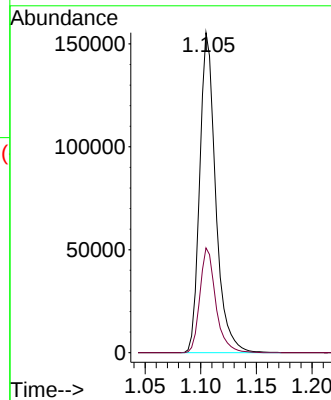
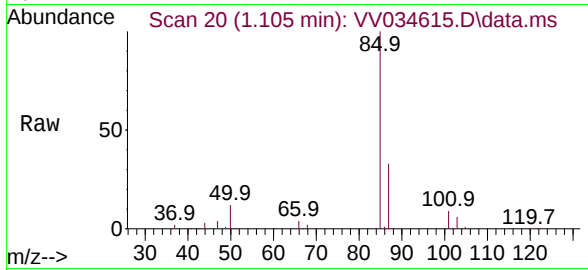




#2
Dichlorodifluoromethane
Concen: 49.151 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV034615.D
Acq: 14 Mar 2024 19:50

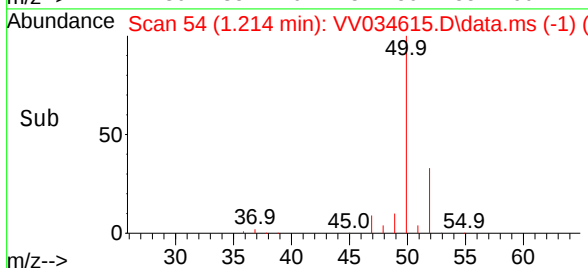
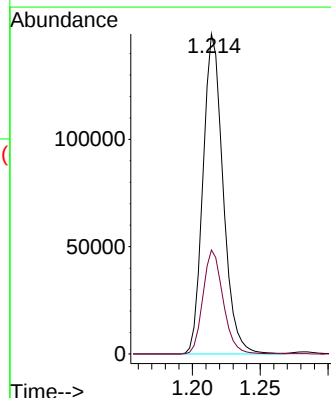
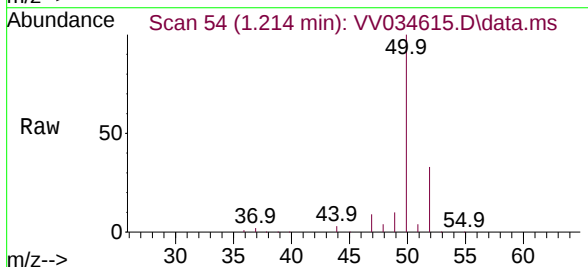
Instrument :
MSVOA_V
ClientSampleId :

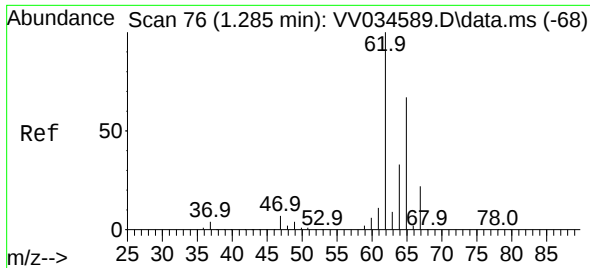
Tgt Ion: 85 Resp: 155066
Ion Ratio Lower Upper
85 100
87 32.5 25.5 38.3



#3
Chloromethane
Concen: 49.579 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV034615.D
Acq: 14 Mar 2024 19:50

Tgt Ion: 50 Resp: 153696
Ion Ratio Lower Upper
50 100
52 32.5 23.0 42.8

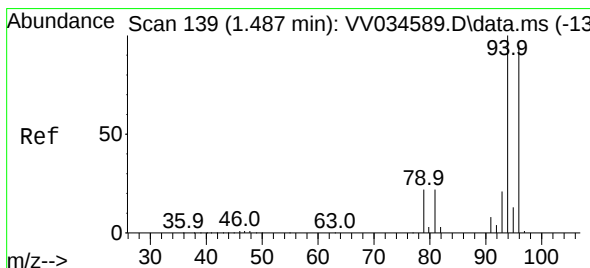
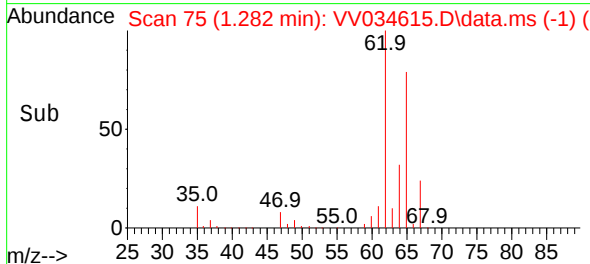
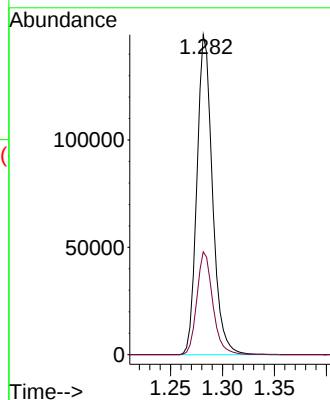
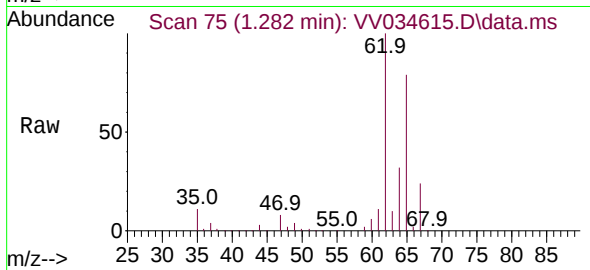




#5
 Vinyl chloride
 Concen: 51.682 ug/L
 RT: 1.282 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV034615.D
 Acq: 14 Mar 2024 19:50

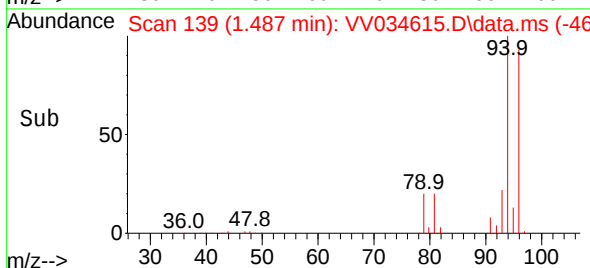
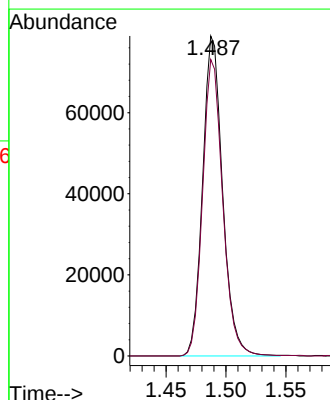
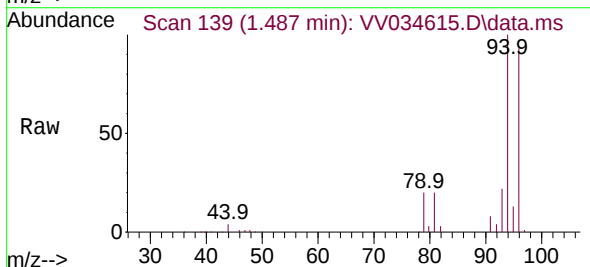
Instrument :
 MSVOA_V
 ClientSampleId :

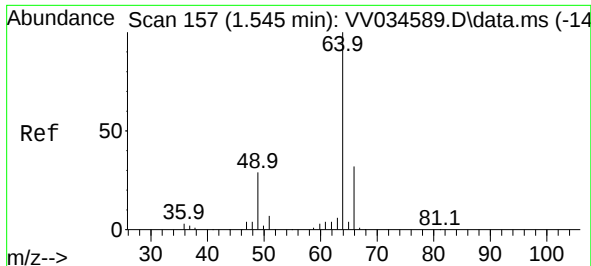
Tgt Ion: 62 Resp: 155522
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.4 43.6



#6
 Bromomethane
 Concen: 50.701 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV034615.D
 Acq: 14 Mar 2024 19:50

Tgt Ion: 94 Resp: 91540
 Ion Ratio Lower Upper
 94 100
 96 92.6 66.0 122.6

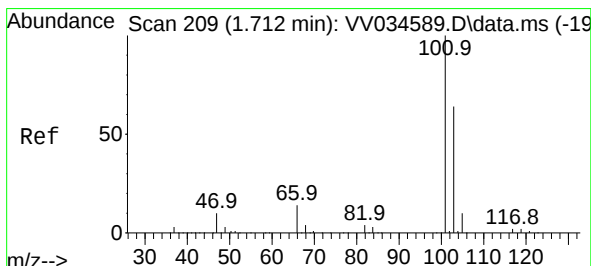
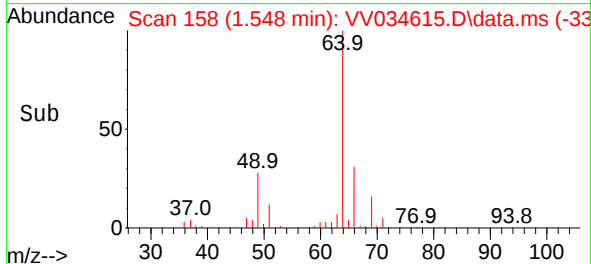
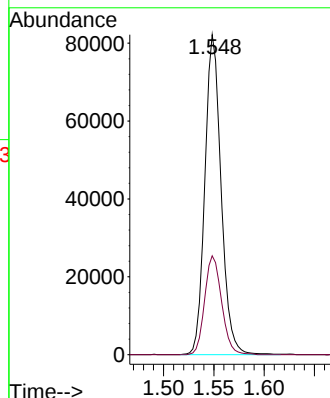
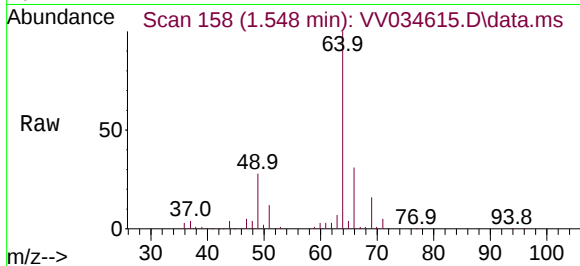




#8
Chloroethane
Concen: 51.608 ug/L
RT: 1.548 min Scan# 157
Delta R.T. 0.003 min
Lab File: VV034615.D
Acq: 14 Mar 2024 19:50

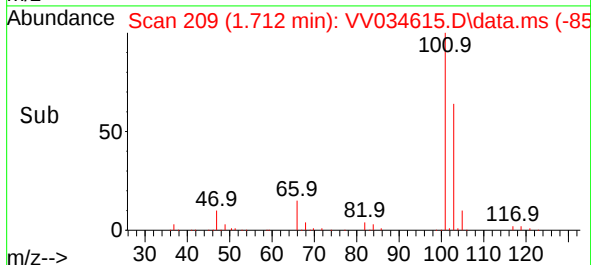
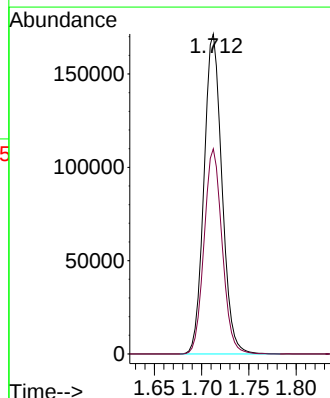
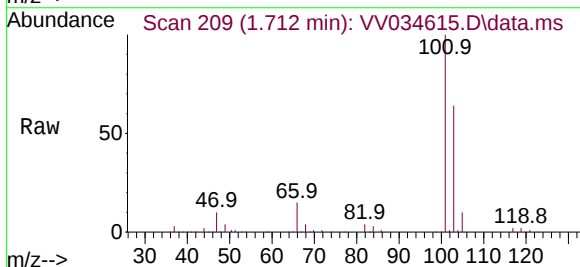
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ClientSampleId :

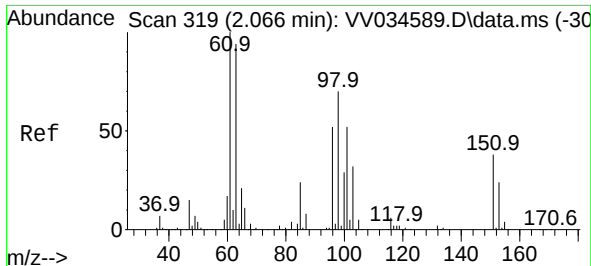
Tgt Ion: 64 Resp: 92305
Ion Ratio Lower Upper
64 100
66 30.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 50.274 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV034615.D
Acq: 14 Mar 2024 19:50

Tgt Ion:101 Resp: 226553
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8





#10

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

Concen: 50.795 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

Instrument :

MSVOA_V

ClientSampleId :

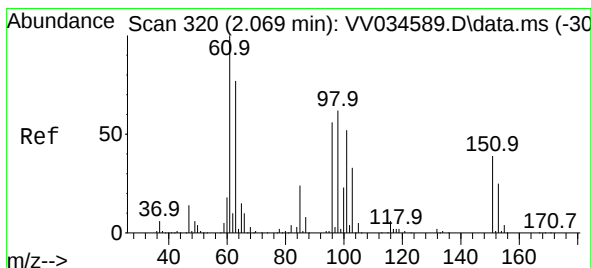
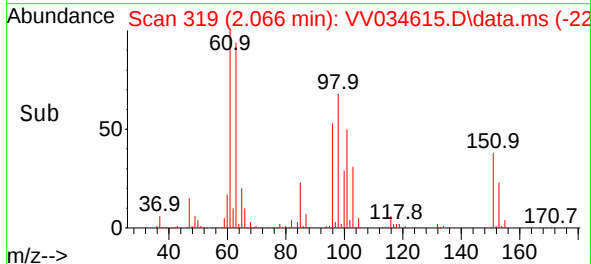
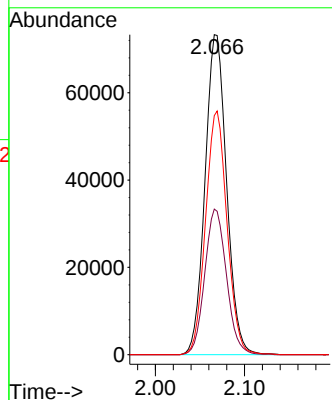
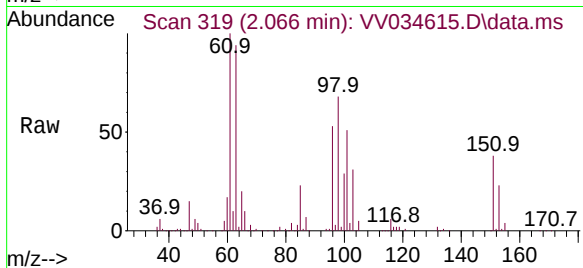
Tgt Ion:101 Resp: 123368

Ion Ratio Lower Upper

101 100

85 45.8 37.4 56.0

151 75.7 61.4 92.2



#12

1,1-Dichloroethene

Concen: 51.155 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

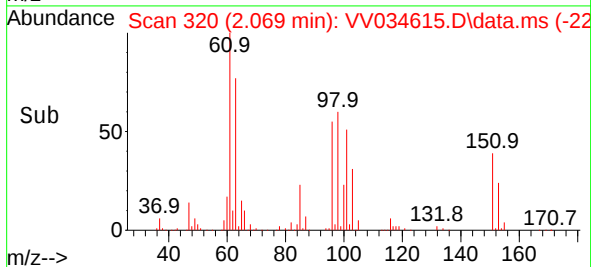
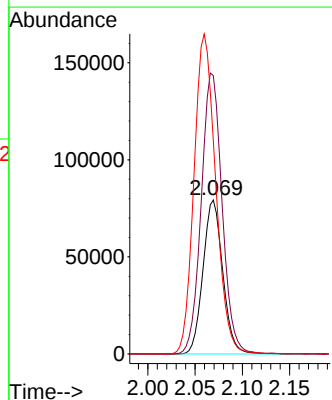
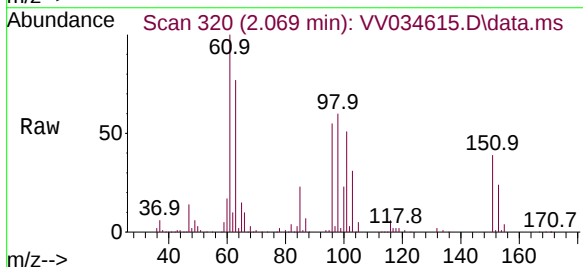
Tgt Ion: 96 Resp: 115210

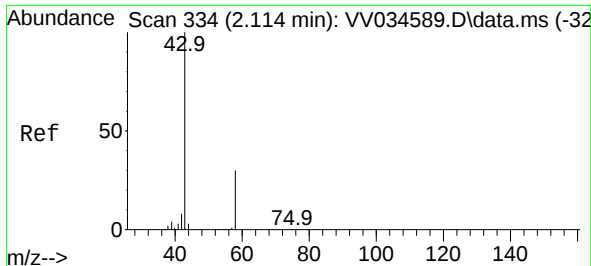
Ion Ratio Lower Upper

96 100

61 180.8 128.9 239.3

63 138.6 98.0 182.0





#13

Acetone

Concen: 72.721 ug/L

RT: 2.127 min Scan# 334

Delta R.T. 0.013 min

Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

Instrument :

MSVOA_V

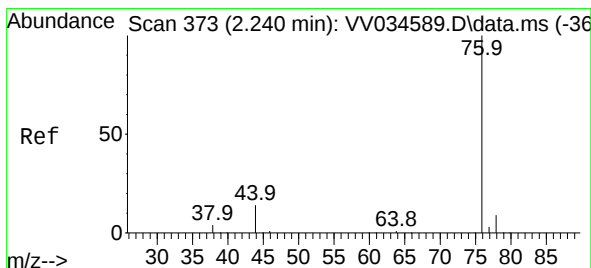
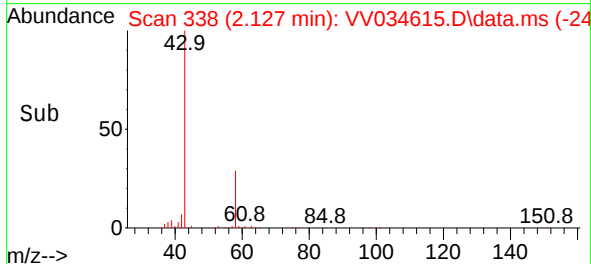
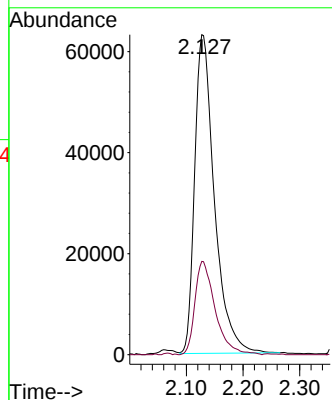
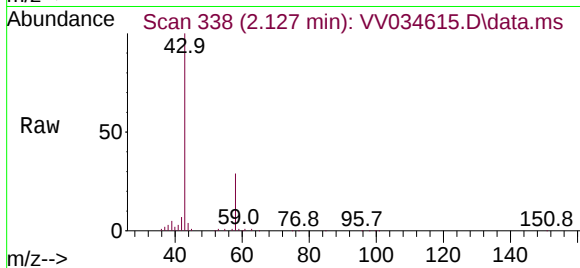
ClientSampleId :

Tgt Ion: 43 Resp: 152435

Ion Ratio Lower Upper

43 100

58 30.1 0.0 57.2



#14

Carbon disulfide

Concen: 51.997 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV034615.D

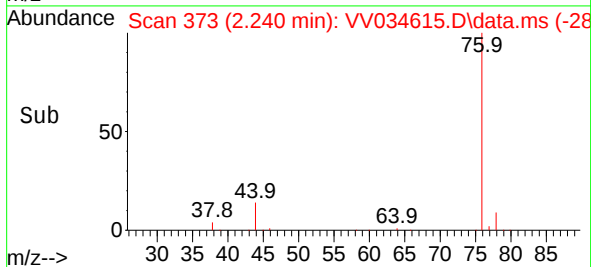
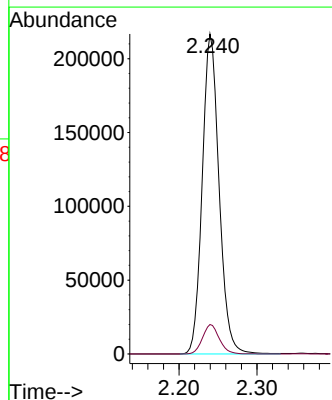
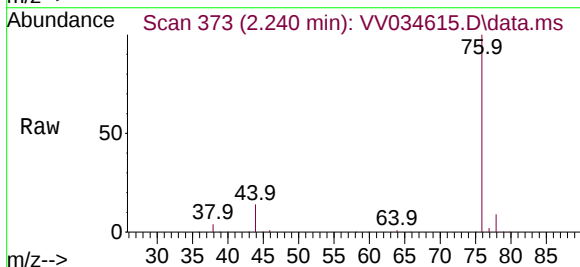
Acq: 14 Mar 2024 19:50

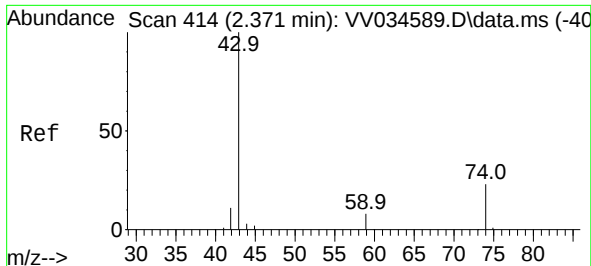
Tgt Ion: 76 Resp: 324999

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3





#15

Methyl Acetate

Concen: 59.745 ug/L

RT: 2.375 min Scan# 414

Delta R.T. 0.003 min

Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

Instrument :

MSVOA_V

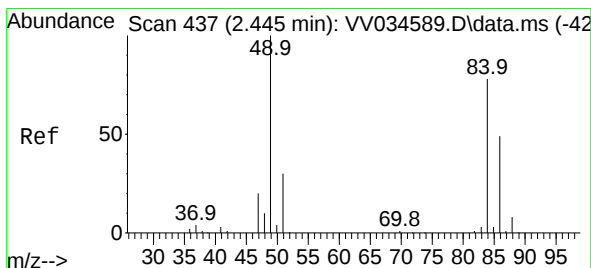
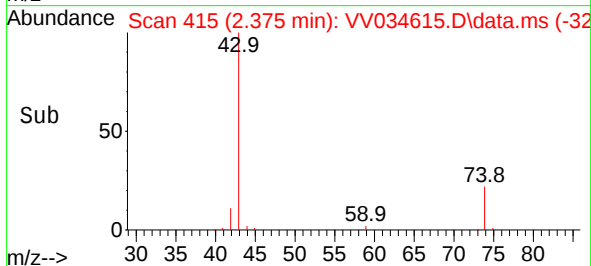
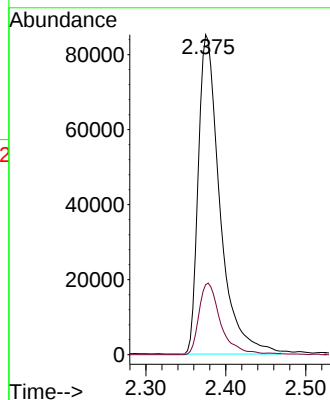
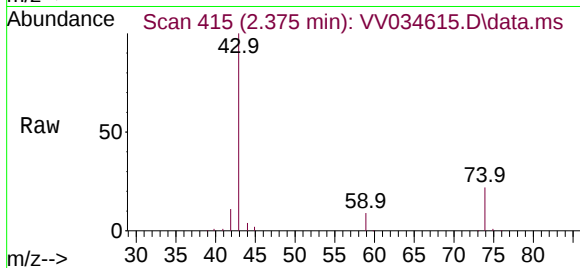
ClientSampleId :

Tgt Ion: 43 Resp: 160217

Ion Ratio Lower Upper

43 100

74 22.3 17.8 26.8



#16

Methylene chloride

Concen: 55.459 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

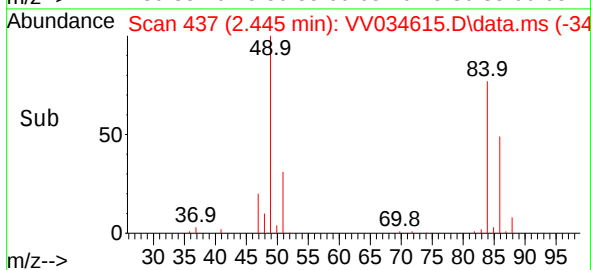
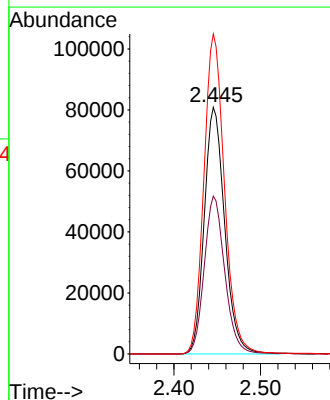
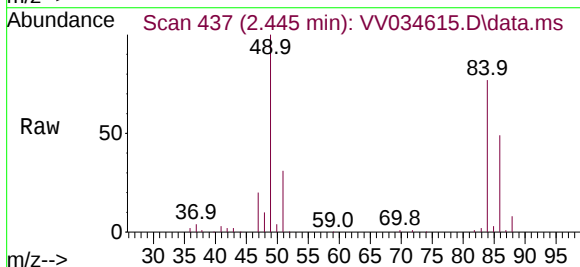
Tgt Ion: 84 Resp: 132490

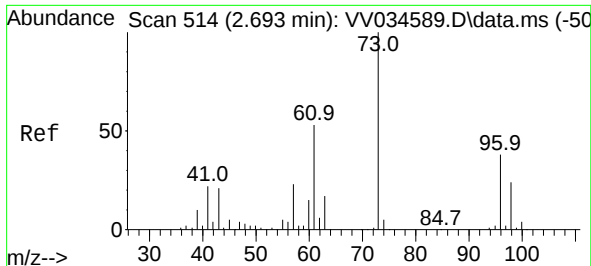
Ion Ratio Lower Upper

84 100

86 64.0 45.6 84.6

49 129.7 92.3 171.3

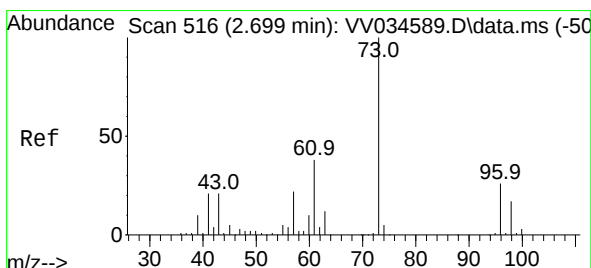
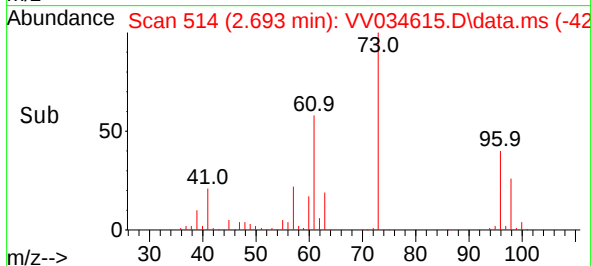
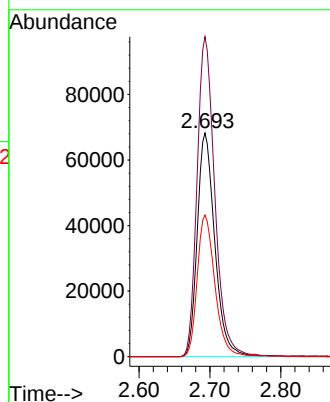
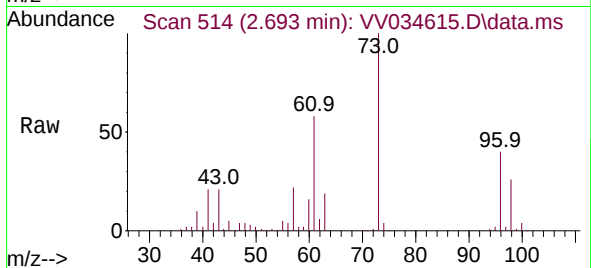




#17
trans-1,2-Dichloroethene
Concen: 54.030 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV034615.D
Acq: 14 Mar 2024 19:50

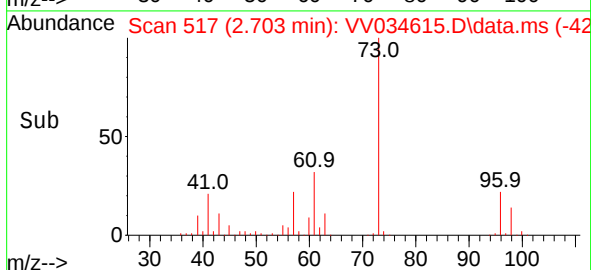
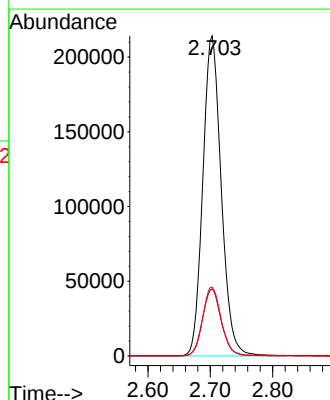
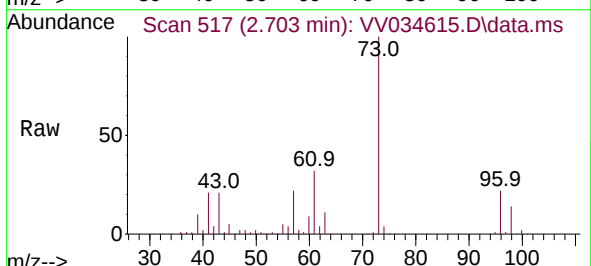
Instrument :
MSVOA_V
ClientSampleId :

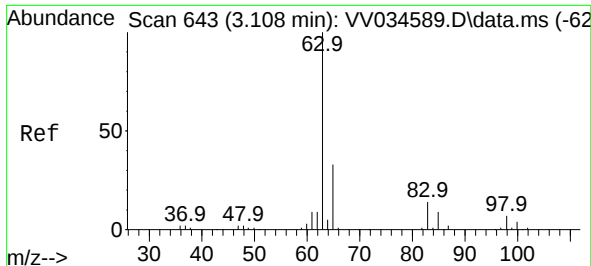
Tgt Ion: 96 Resp: 117777
Ion Ratio Lower Upper
96 100
61 143.1 98.8 183.4
98 63.3 46.1 85.5



#18
Methyl tert-butyl Ether
Concen: 56.222 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV034615.D
Acq: 14 Mar 2024 19:50

Tgt Ion: 73 Resp: 440115
Ion Ratio Lower Upper
73 100
43 20.7 17.1 25.7
57 21.7 17.6 26.4





#19

1,1-Dichloroethane

Concen: 56.933 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

Instrument :

MSVOA_V

ClientSampleId :

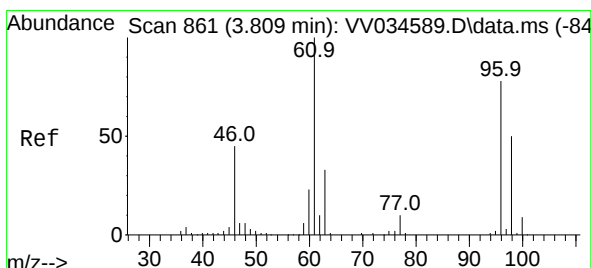
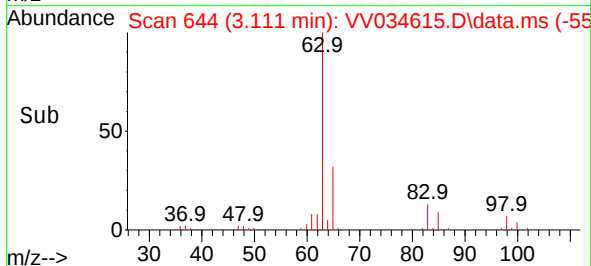
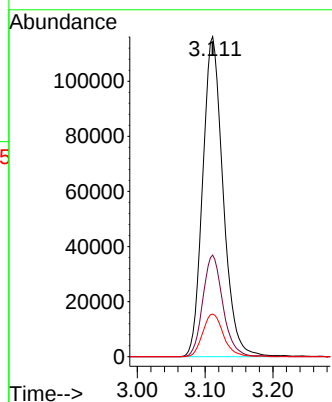
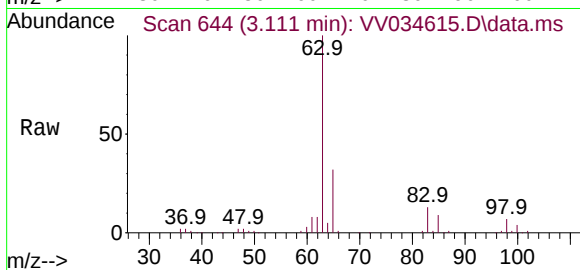
Tgt Ion: 63 Resp: 243114

Ion Ratio Lower Upper

63 100

65 31.8 22.1 41.1

83 13.3 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 56.443 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.003 min

Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

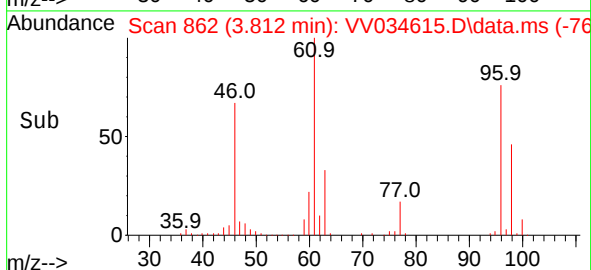
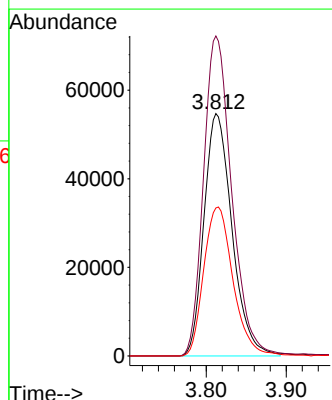
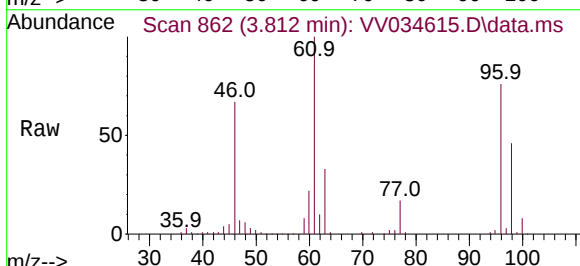
Tgt Ion: 96 Resp: 133496

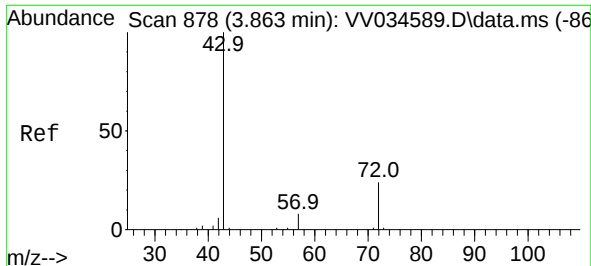
Ion Ratio Lower Upper

96 100

61 132.0 96.0 178.4

98 61.1 46.0 85.4

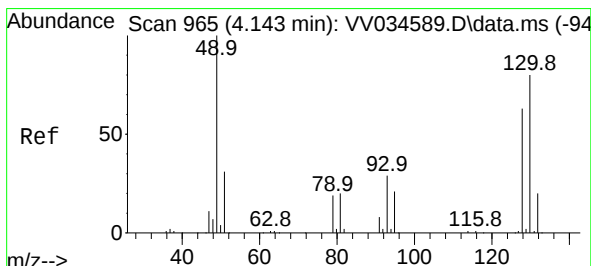
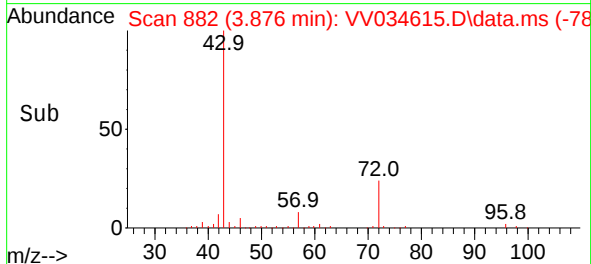
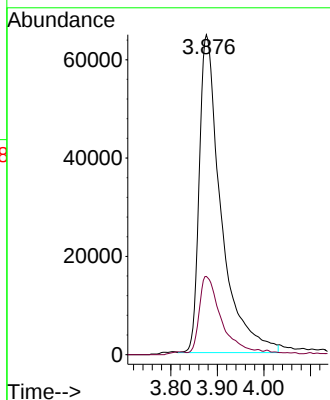
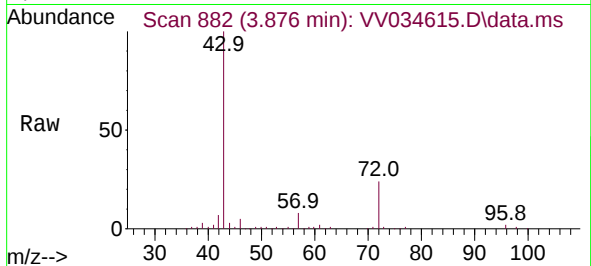




#22
2-Butanone
Concen: 101.511 ug/L
RT: 3.876 min Scan# 81
Delta R.T. 0.013 min
Lab File: VV034615.D
Acq: 14 Mar 2024 19:50

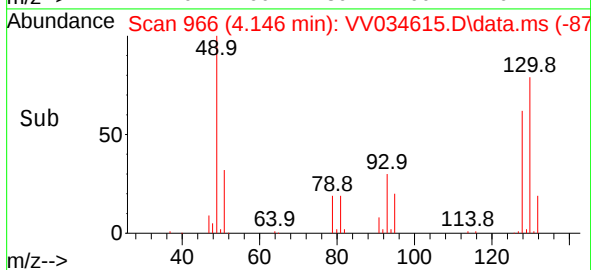
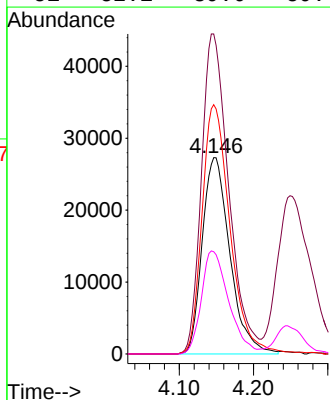
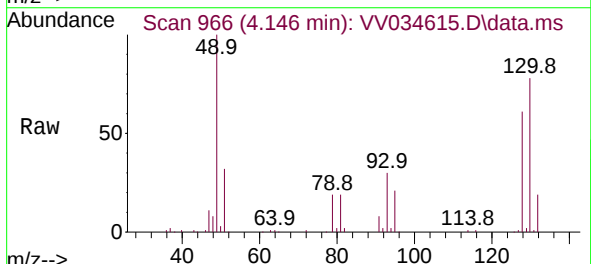
Instrument :
MSVOA_V
ClientSampleId :

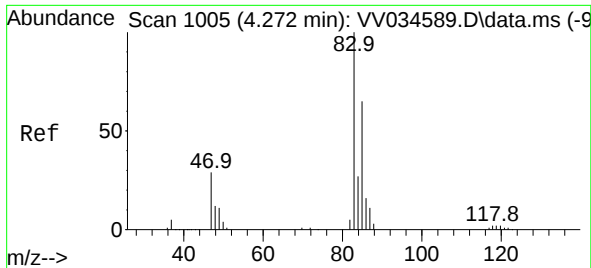
Tgt Ion: 43 Resp: 210118
Ion Ratio Lower Upper
43 100
72 23.5 11.5 34.4



#23
Bromochloromethane
Concen: 57.739 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV034615.D
Acq: 14 Mar 2024 19:50

Tgt Ion:128 Resp: 70615
Ion Ratio Lower Upper
128 100
49 163.0 109.4 203.2
130 127.0 87.7 162.9
51 52.1 39.6 59.4





#25

Chloroform

Concen: 55.078 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

Instrument :

MSVOA_V

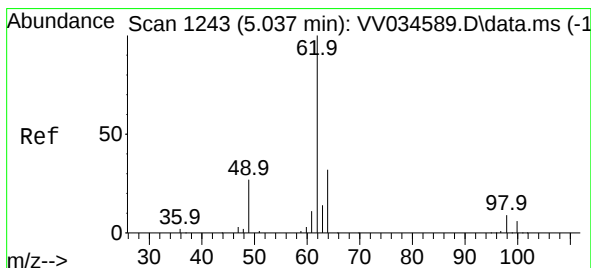
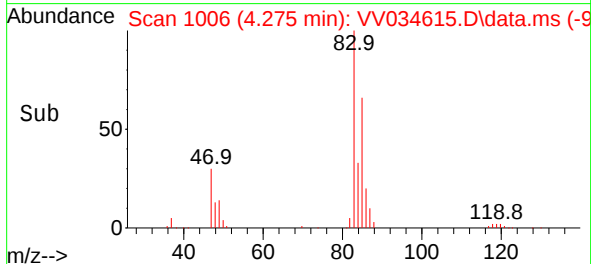
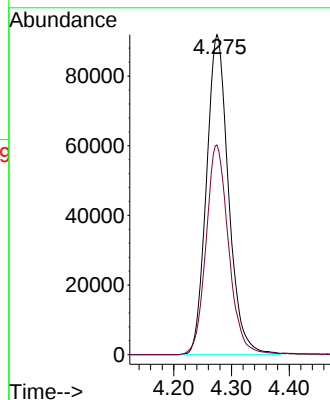
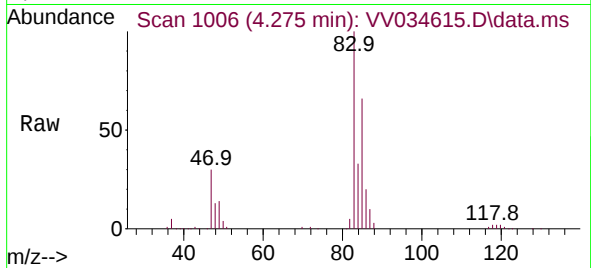
ClientSampleId :

Tgt Ion: 83 Resp: 243774

Ion Ratio Lower Upper

83 100

85 65.5 45.5 84.5



#27

1,2-Dichloroethane

Concen: 54.929 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VV034615.D

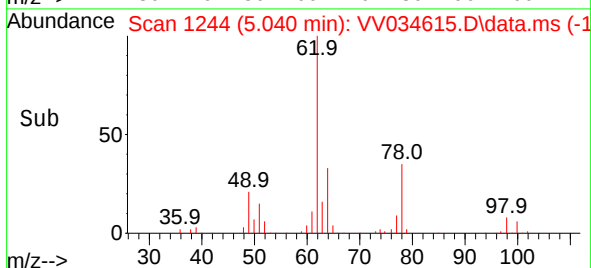
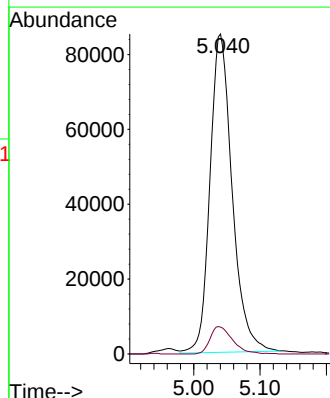
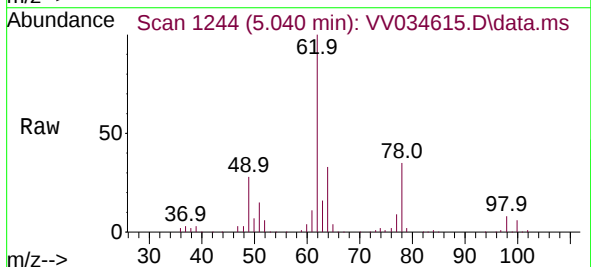
Acq: 14 Mar 2024 19:50

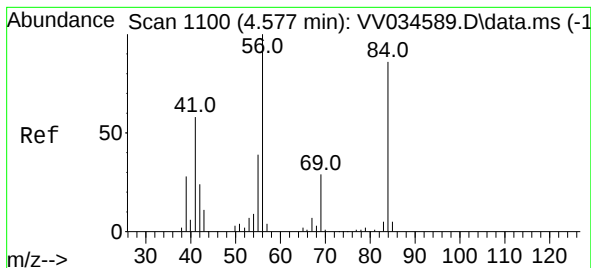
Tgt Ion: 62 Resp: 197524

Ion Ratio Lower Upper

62 100

98 8.4 6.6 10.0





#29

Cyclohexane

Concen: 52.788 ug/L

RT: 4.580 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

Instrument :

MSVOA_V

ClientSampleId :

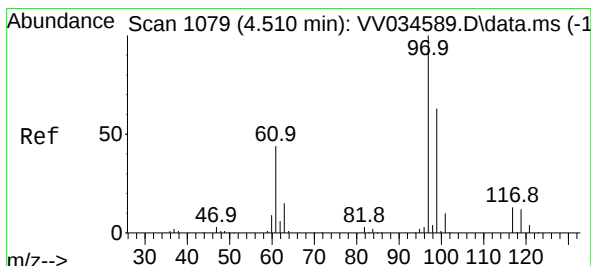
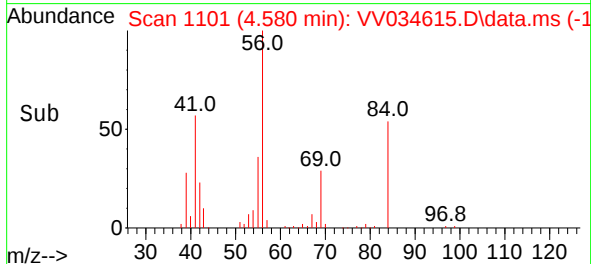
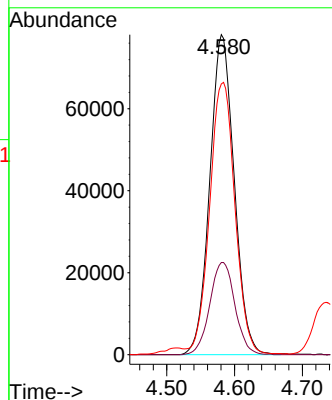
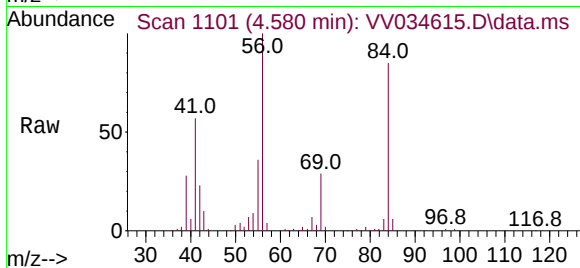
Tgt Ion: 56 Resp: 195347

Ion Ratio Lower Upper

56 100

69 29.6 24.2 36.4

84 87.6 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 55.151 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

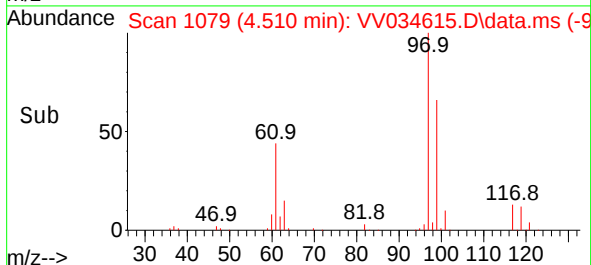
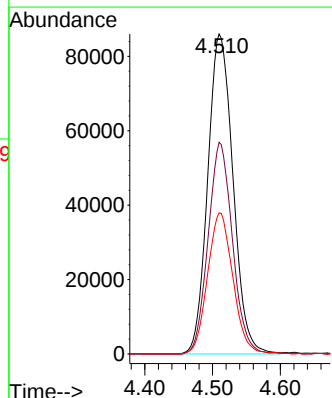
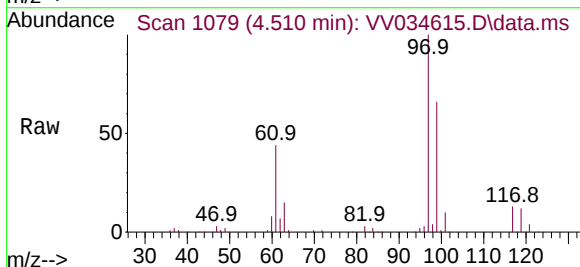
Tgt Ion: 97 Resp: 222502

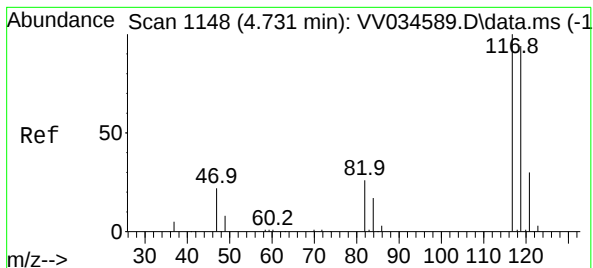
Ion Ratio Lower Upper

97 100

99 63.8 51.3 76.9

61 44.1 36.0 54.0





#31

Carbon tetrachloride

Concen: 54.176 ug/L

RT: 4.735 min Scan# 1148

Delta R.T. 0.003 min

Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

Instrument :

MSVOA_V

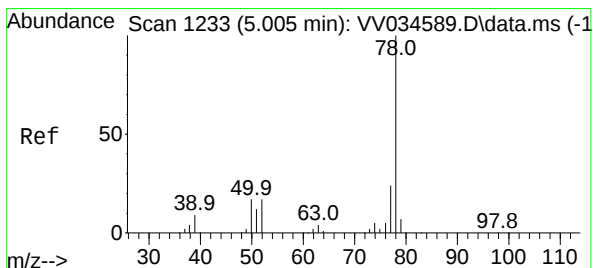
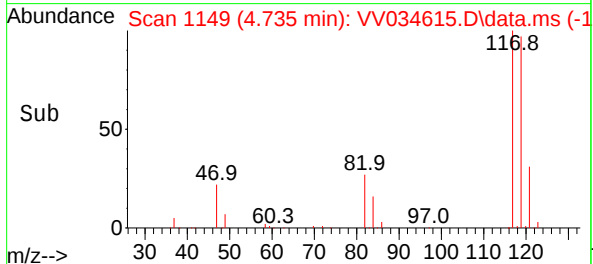
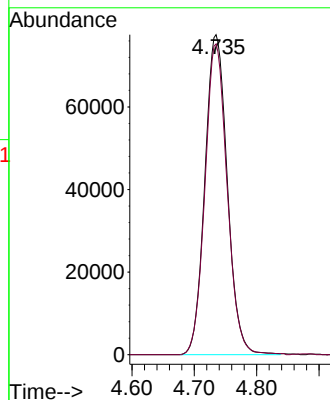
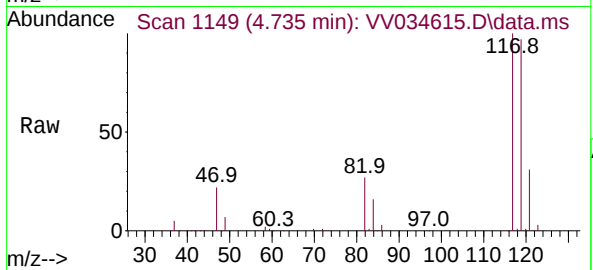
ClientSampleId :

Tgt Ion:117 Resp: 193512

Ion Ratio Lower Upper

117 100

119 96.2 77.5 116.3



#33

Benzene

Concen: 56.626 ug/L

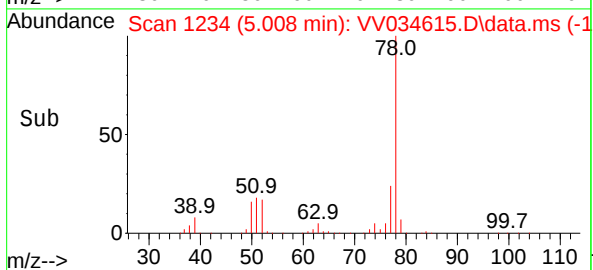
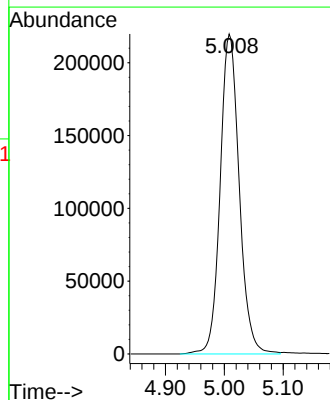
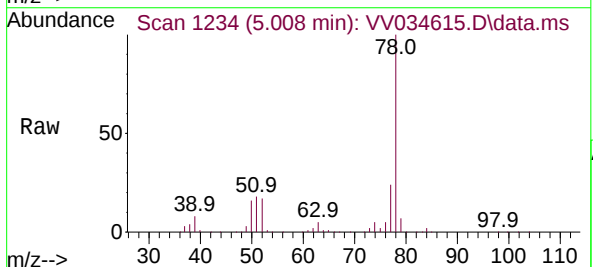
RT: 5.008 min Scan# 1234

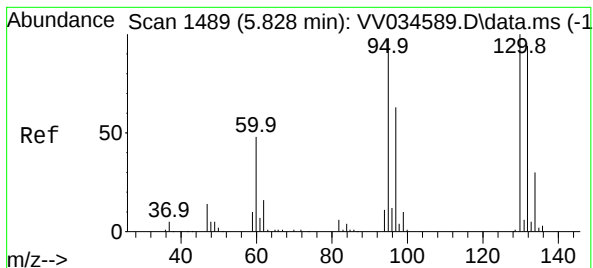
Delta R.T. 0.003 min

Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

Tgt Ion: 78 Resp: 494507





#34

Trichloroethene

Concen: 51.605 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 128101

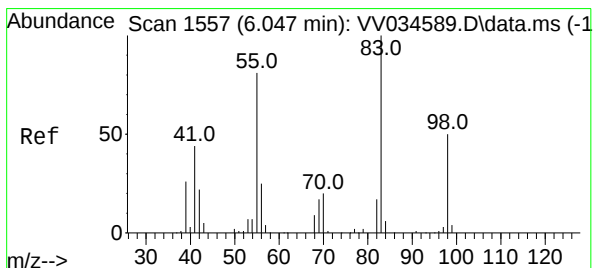
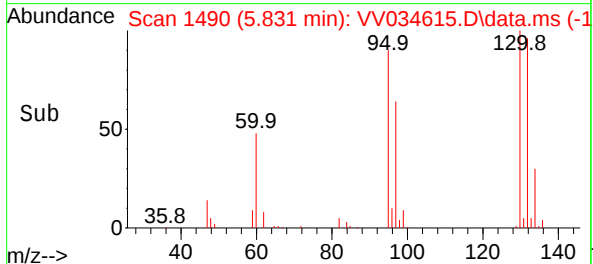
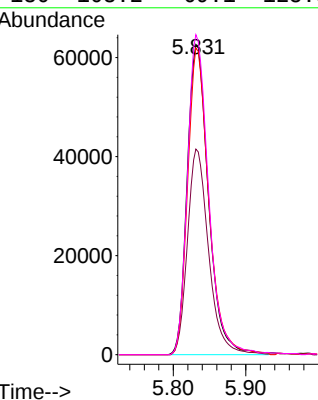
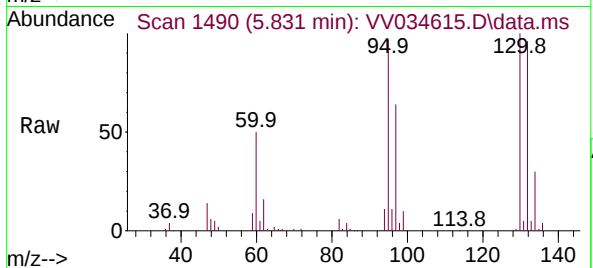
Ion Ratio Lower Upper

95 100

97 66.3 44.7 83.1

132 98.9 65.3 121.3

130 103.2 69.1 128.3



#35

Methylcyclohexane

Concen: 50.308 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

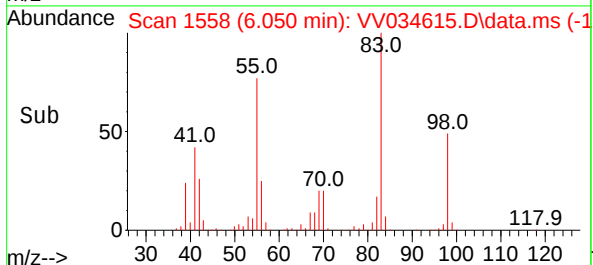
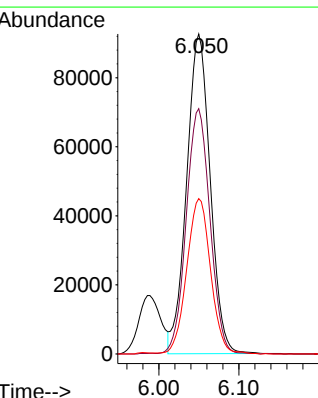
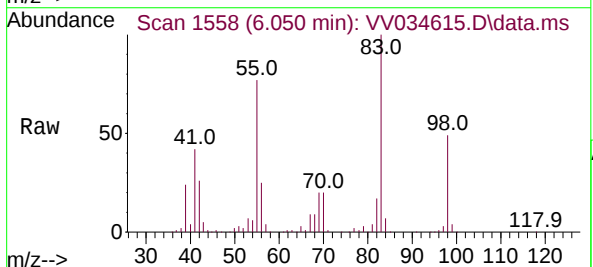
Tgt Ion: 83 Resp: 189855

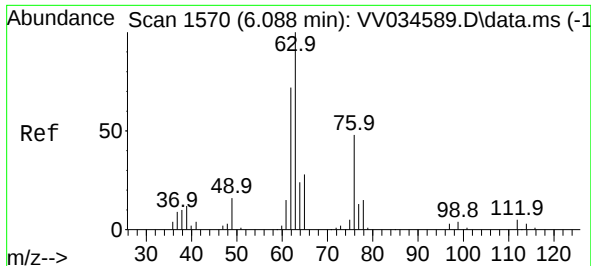
Ion Ratio Lower Upper

83 100

55 76.8 62.6 94.0

98 49.4 39.5 59.3

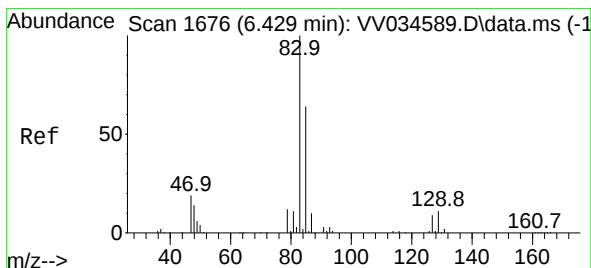
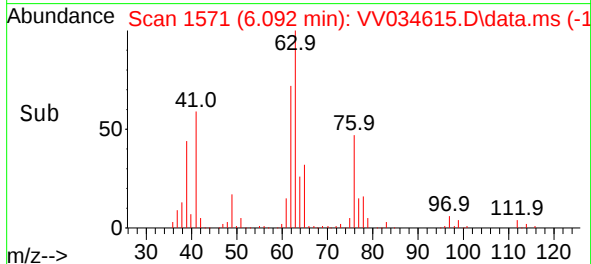
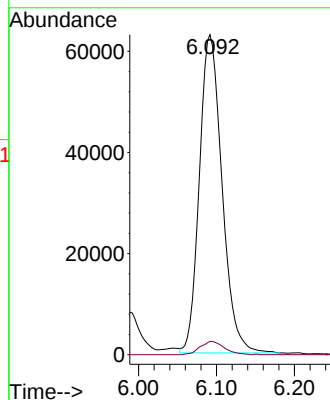
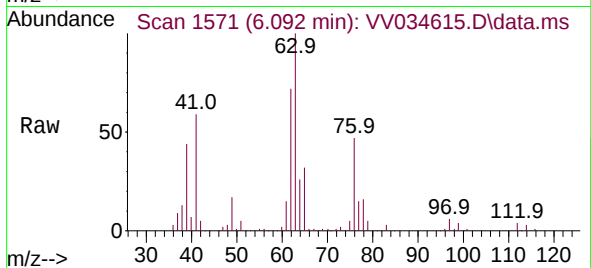




#37
1,2-Dichloropropane
Concen: 55.675 ug/L
RT: 6.092 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV034615.D
Acq: 14 Mar 2024 19:50

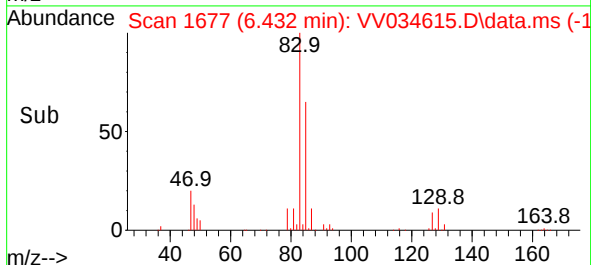
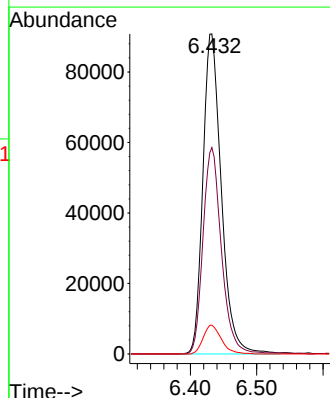
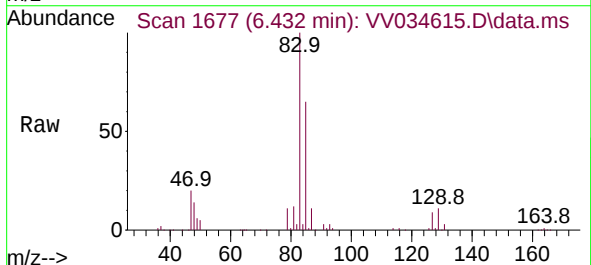
Instrument :
MSVOA_V
ClientSampleId :

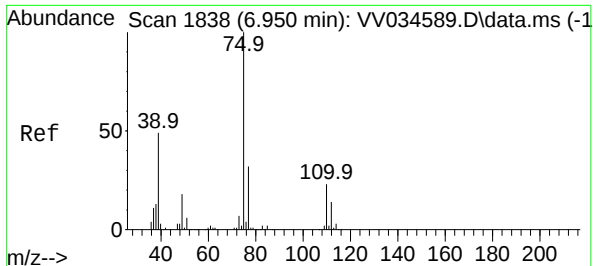
Tgt Ion: 63 Resp: 127292
Ion Ratio Lower Upper
63 100
112 4.4 3.5 5.3



#38
Bromodichloromethane
Concen: 54.534 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV034615.D
Acq: 14 Mar 2024 19:50

Tgt Ion: 83 Resp: 175382
Ion Ratio Lower Upper
83 100
85 64.5 44.6 82.8
127 9.0 6.9 10.3

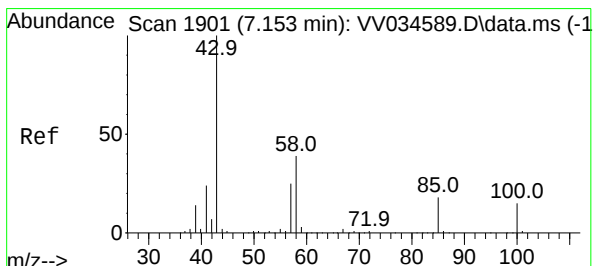
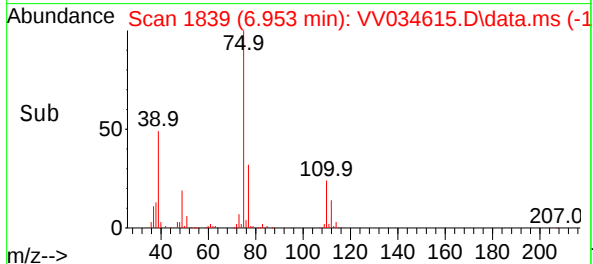
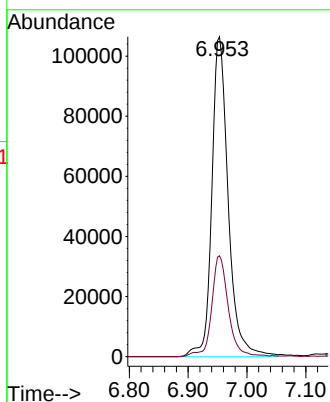
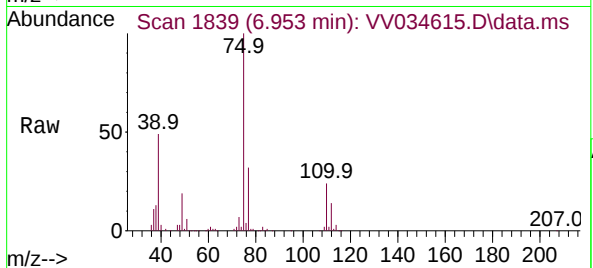




#39
cis-1,3-Dichloropropene
Concen: 55.714 ug/L
RT: 6.953 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV034615.D
Acq: 14 Mar 2024 19:50

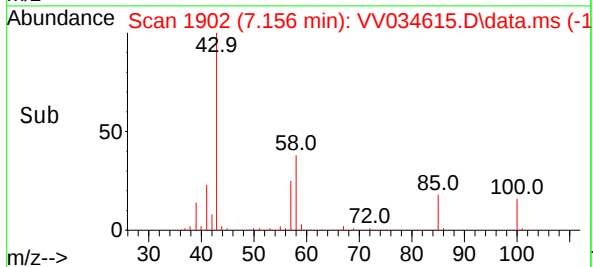
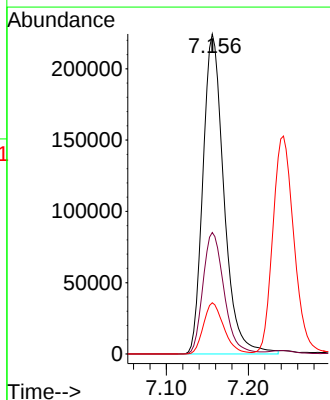
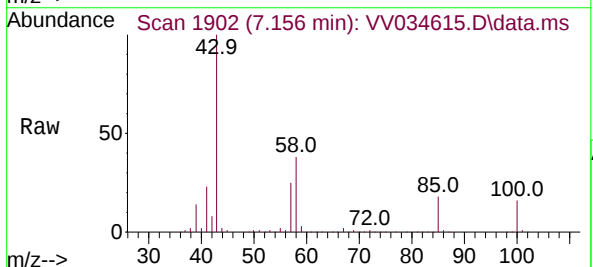
Instrument :
MSVOA_V
ClientSampleId :

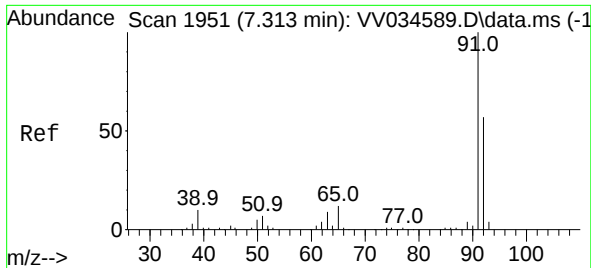
Tgt Ion: 75 Resp: 206382
Ion Ratio Lower Upper
75 100
77 31.5 20.9 38.9



#40
4-Methyl-2-pentanone
Concen: 118.330 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. 0.003 min
Lab File: VV034615.D
Acq: 14 Mar 2024 19:50

Tgt Ion: 43 Resp: 398933
Ion Ratio Lower Upper
43 100
58 38.4 30.6 46.0
100 15.6 12.5 18.7





#42

Toluene

Concen: 54.562 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

Instrument :

MSVOA_V

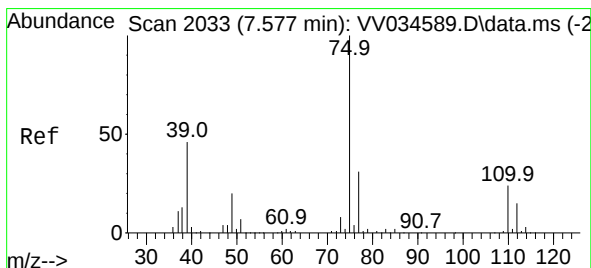
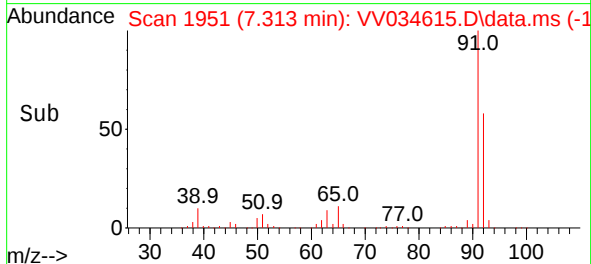
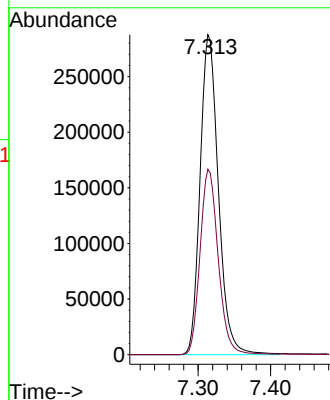
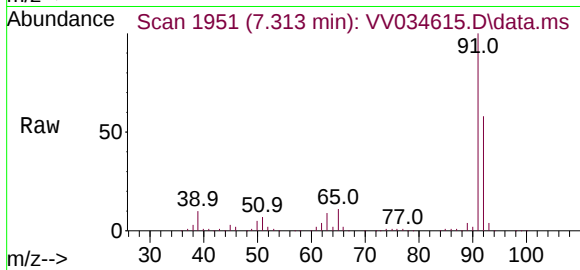
ClientSampleId :

Tgt Ion: 91 Resp: 504283

Ion Ratio Lower Upper

91 100

92 58.0 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 54.065 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV034615.D

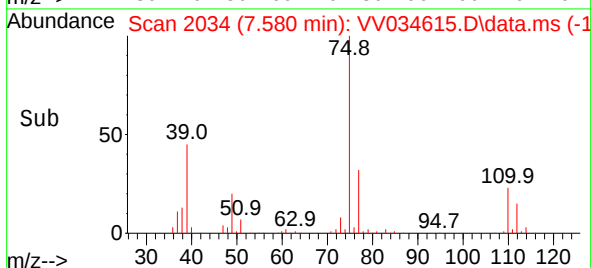
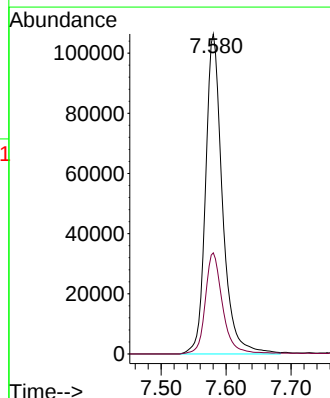
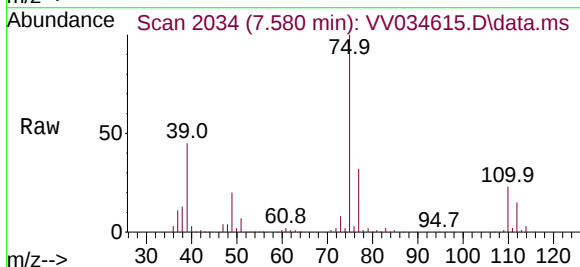
Acq: 14 Mar 2024 19:50

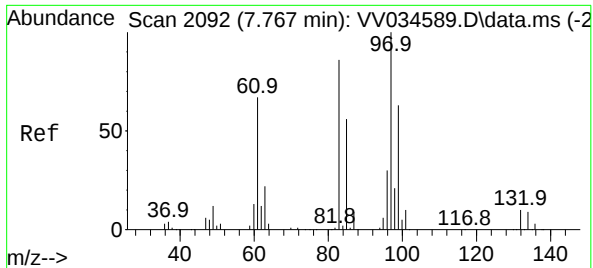
Tgt Ion: 75 Resp: 192617

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.4

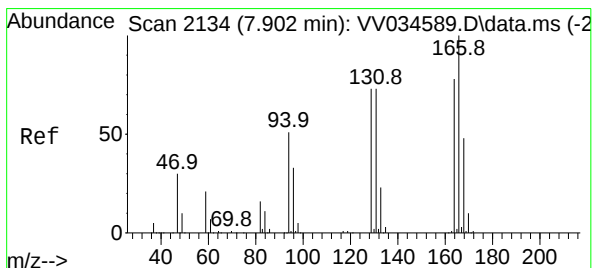
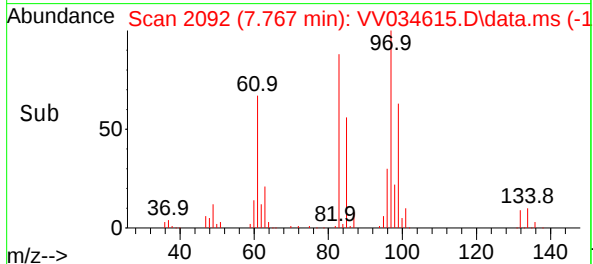
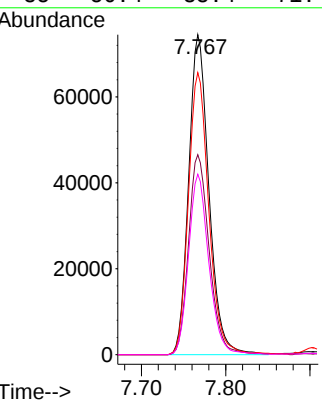
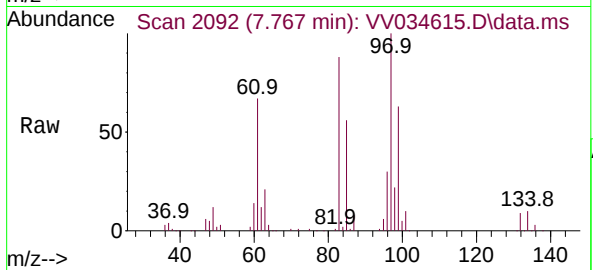




#45
1,1,2-Trichloroethane
Concen: 56.666 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV034615.D
Acq: 14 Mar 2024 19:50

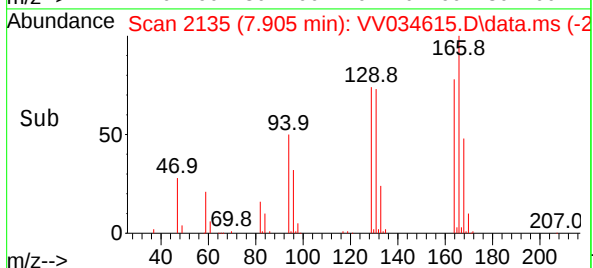
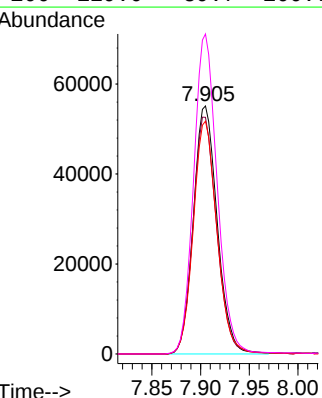
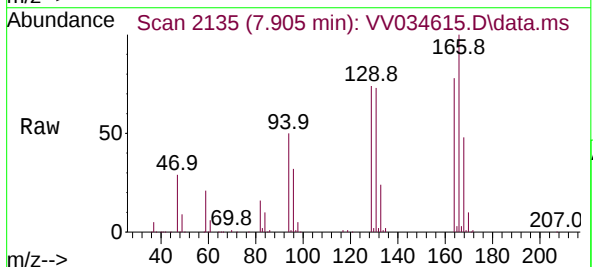
Instrument :
MSVOA_V
ClientSampleId :

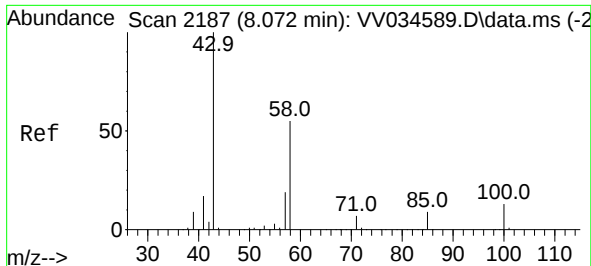
Tgt Ion:	97	Resp:	125006
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.8	81.4
83	88.2	59.4	110.2
85	56.4	38.4	71.4



#46
Tetrachloroethene
Concen: 50.692 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034615.D
Acq: 14 Mar 2024 19:50

Tgt Ion:	164	Resp:	93584
Ion	Ratio	Lower	Upper
164	100		
129	95.4	65.7	121.9
131	93.9	62.2	115.6
166	129.0	89.7	166.7

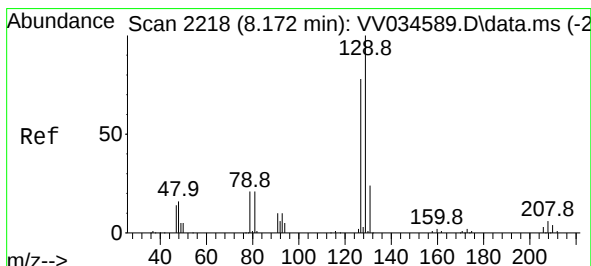
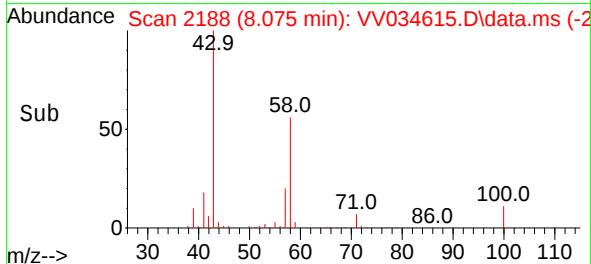
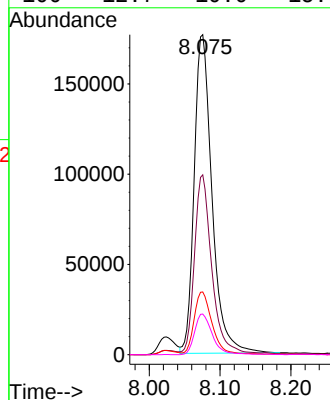
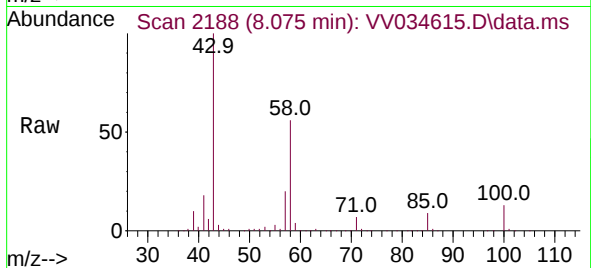




#48
2-Hexanone
Concen: 115.163 ug/L
RT: 8.075 min Scan# 2187
Delta R.T. 0.003 min
Lab File: VV034615.D
Acq: 14 Mar 2024 19:50

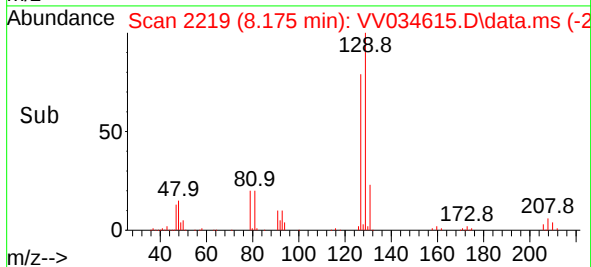
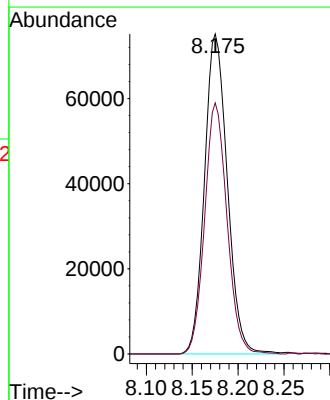
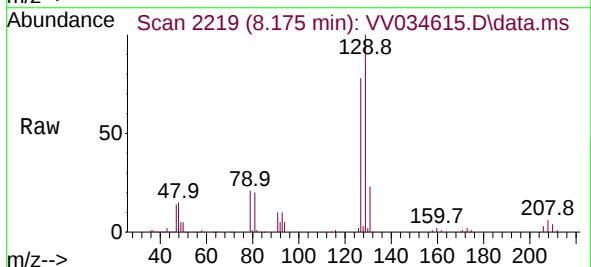
Instrument :
MSVOA_V
ClientSampleId :

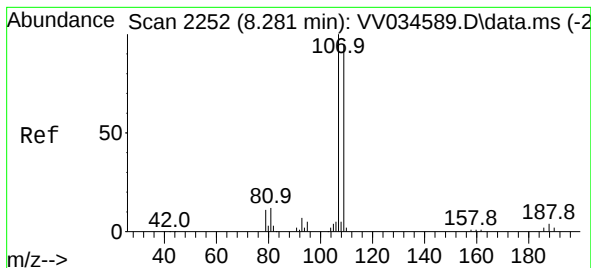
Tgt Ion: 43 Resp: 309381
Ion Ratio Lower Upper
43 100
58 53.7 42.0 63.0
57 19.6 15.2 22.8
100 12.7 10.0 15.0



#49
Dibromochloromethane
Concen: 55.947 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV034615.D
Acq: 14 Mar 2024 19:50

Tgt Ion: 129 Resp: 130243
Ion Ratio Lower Upper
129 100
127 78.5 53.3 98.9





#50

1,2-Dibromoethane

Concen: 57.467 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

Instrument :

MSVOA_V

ClientSampleId :

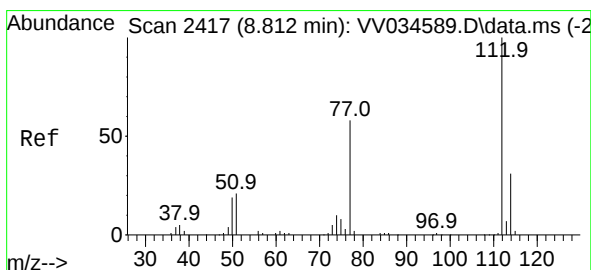
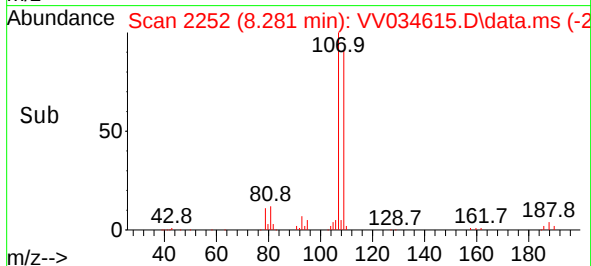
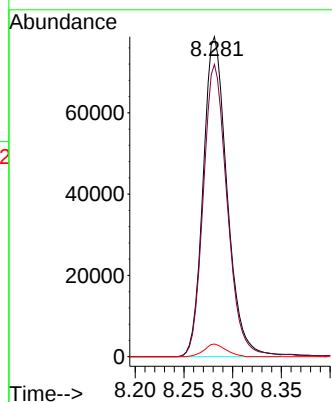
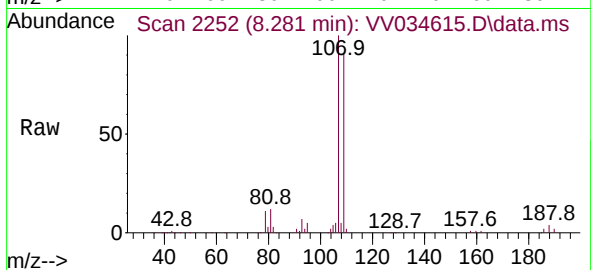
Tgt Ion:107 Resp: 134525

Ion Ratio Lower Upper

107 100

109 91.3 66.5 123.5

188 4.0 3.4 5.2



#51

Chlorobenzene

Concen: 53.915 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

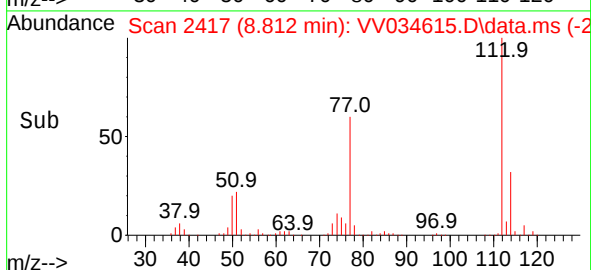
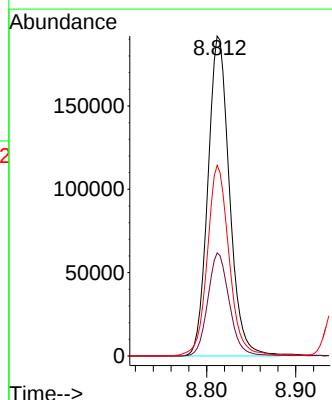
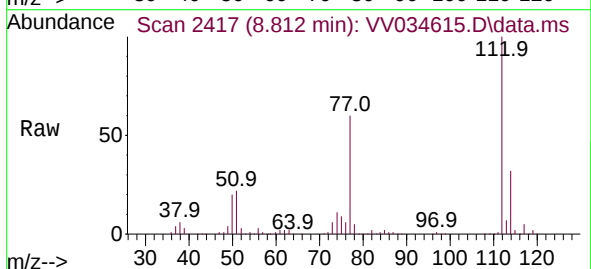
Tgt Ion:112 Resp: 322146

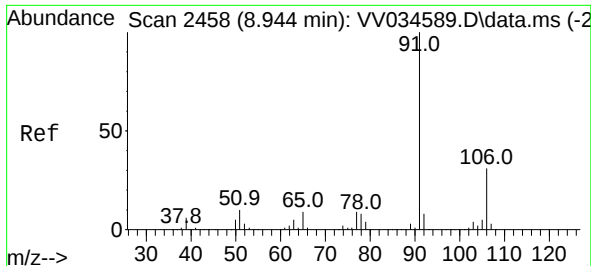
Ion Ratio Lower Upper

112 100

114 32.2 22.3 41.5

77 59.5 47.7 71.5





#52

Ethylbenzene

Concen: 53.904 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

Instrument :

MSVOA_V

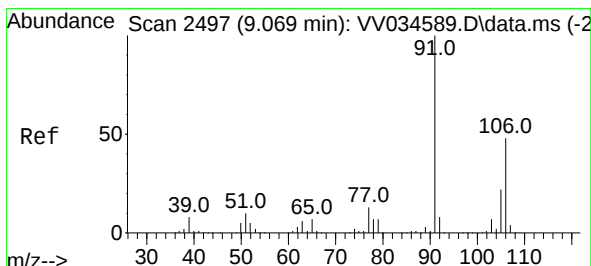
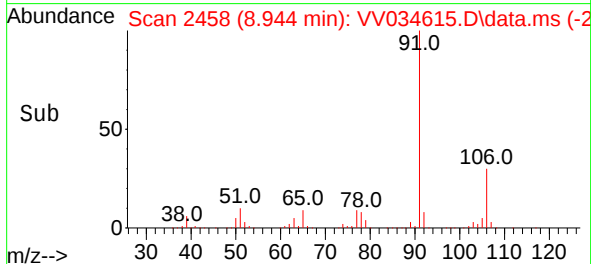
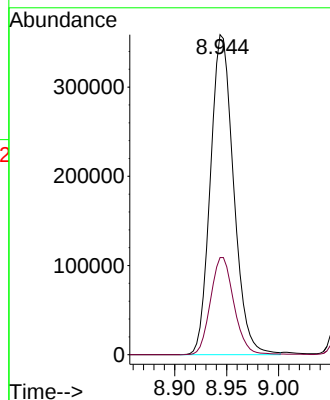
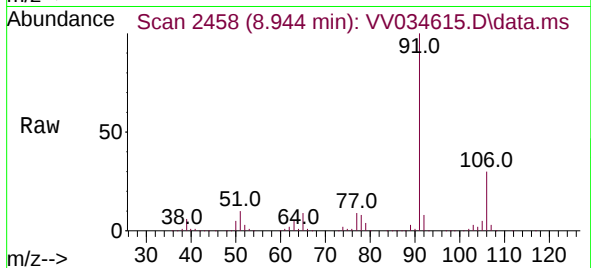
ClientSampleId :

Tgt Ion: 91 Resp: 558233

Ion Ratio Lower Upper

91 100

106 30.3 21.3 39.5



#53

m,p-Xylene

Concen: 53.459 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.003 min

Lab File: VV034615.D

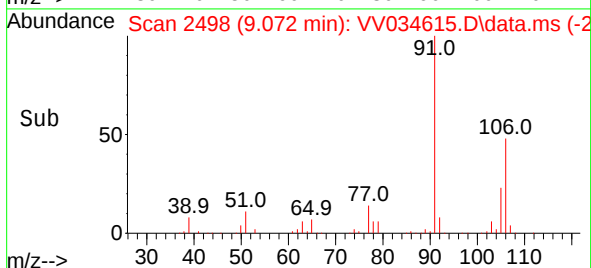
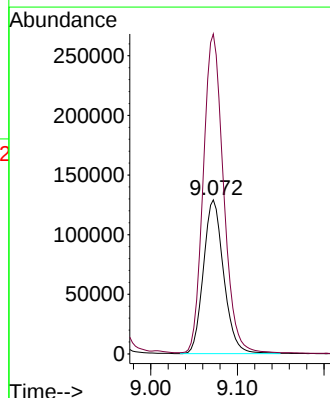
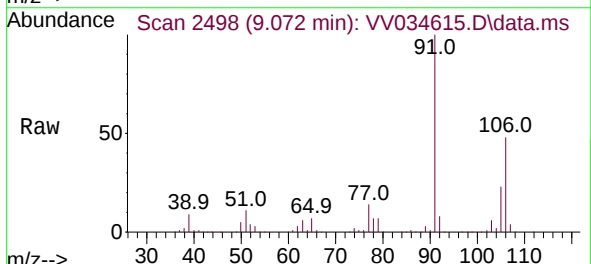
Acq: 14 Mar 2024 19:50

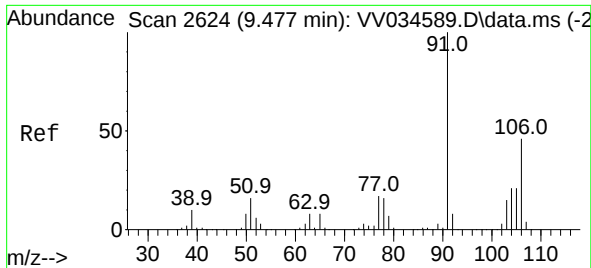
Tgt Ion:106 Resp: 210088

Ion Ratio Lower Upper

106 100

91 207.8 145.3 269.9

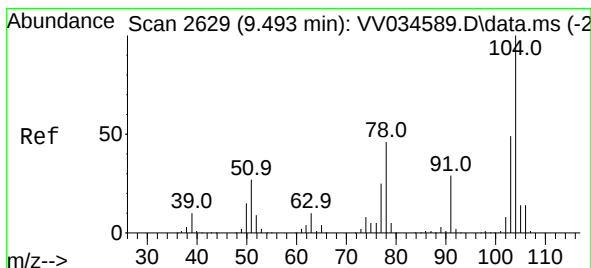
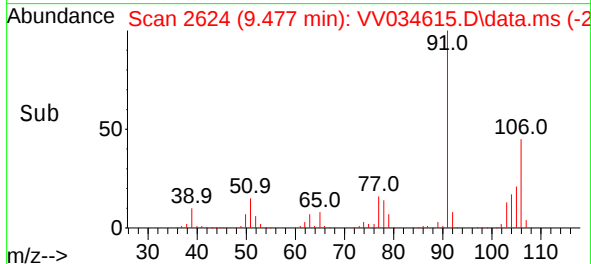
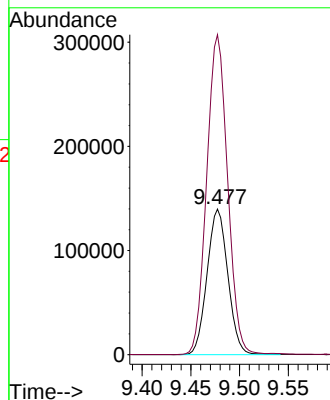
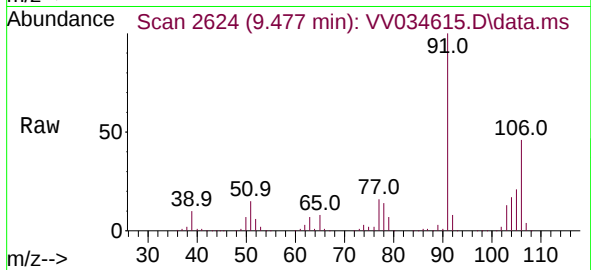




#54
o-Xylene
Concen: 53.945 ug/L
RT: 9.477 min Scan# 207591
Delta R.T. 0.000 min
Lab File: VV034615.D
Acq: 14 Mar 2024 19:50

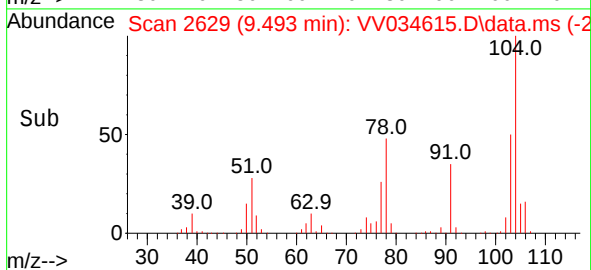
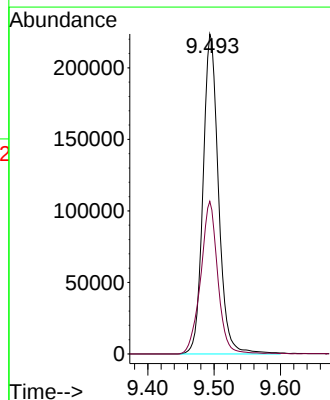
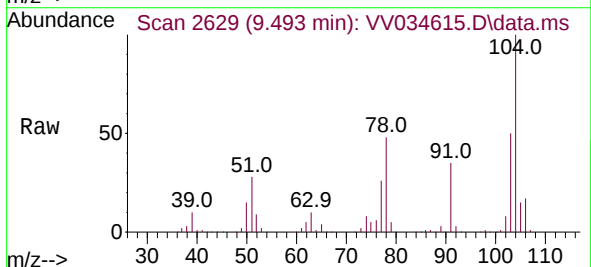
Instrument :
MSVOA_V
ClientSampleId :

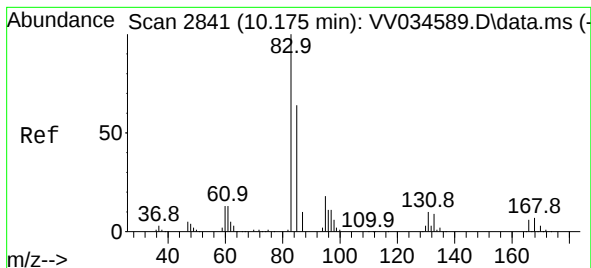
Tgt Ion:106 Resp: 207591
Ion Ratio Lower Upper
106 100
91 219.7 152.2 282.7



#55
Styrene
Concen: 55.811 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV034615.D
Acq: 14 Mar 2024 19:50

Tgt Ion:104 Resp: 363639
Ion Ratio Lower Upper
104 100
78 47.7 33.0 61.4

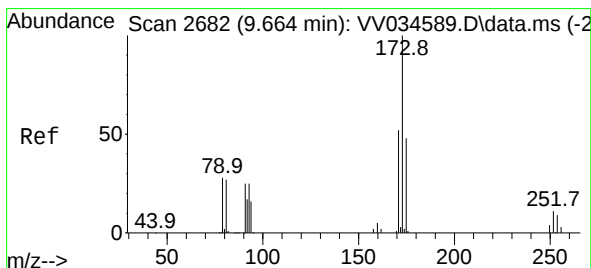
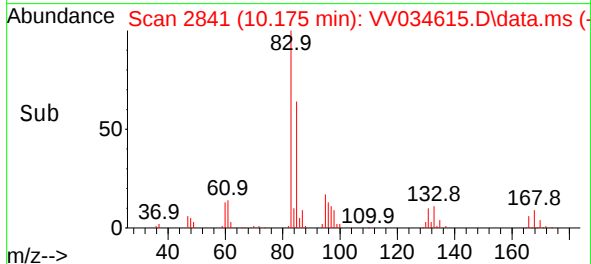
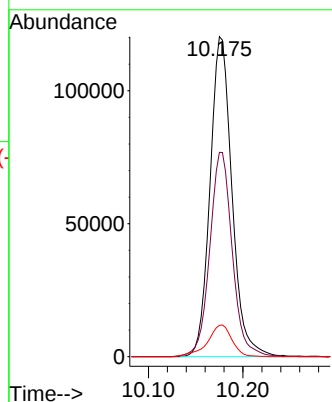
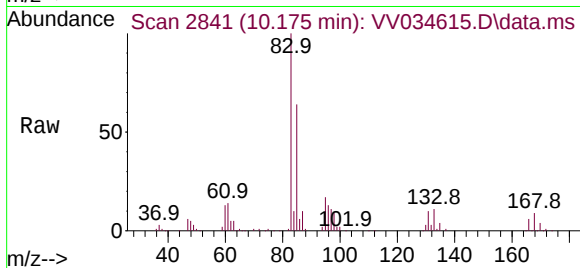




#57
1,1,2,2-Tetrachloroethane
Concen: 58.551 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV034615.D
Acq: 14 Mar 2024 19:50

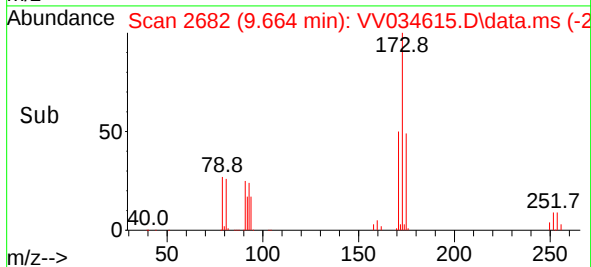
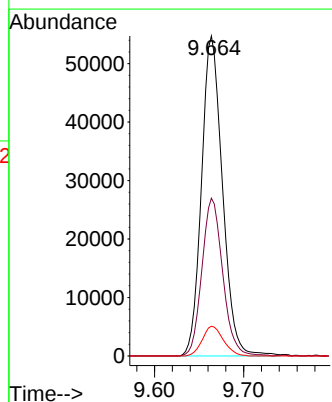
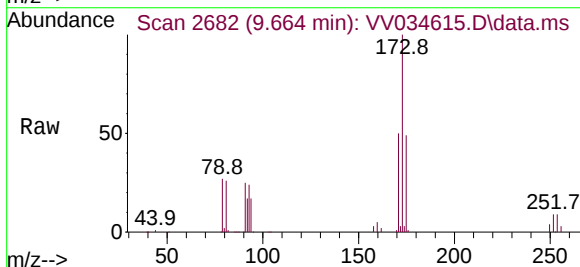
Instrument :
MSVOA_V
ClientSampleId :

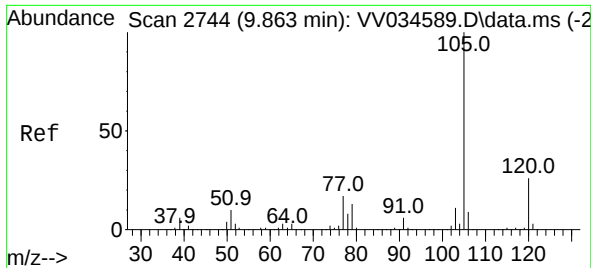
Tgt Ion: 83 Resp: 194001
Ion Ratio Lower Upper
83 100
85 63.9 45.4 84.2
131 9.8 8.3 12.5



#59
Bromoform
Concen: 54.241 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV034615.D
Acq: 14 Mar 2024 19:50

Tgt Ion: 173 Resp: 89609
Ion Ratio Lower Upper
173 100
175 48.8 39.1 58.7
254 9.3 7.8 11.8

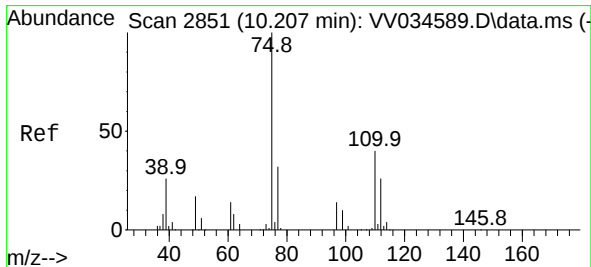
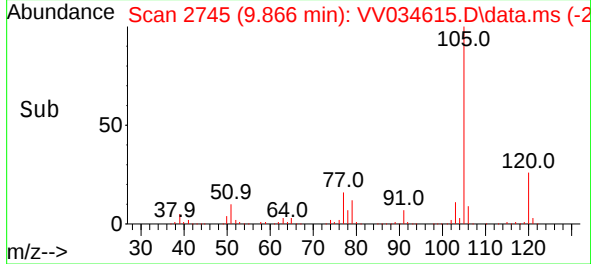
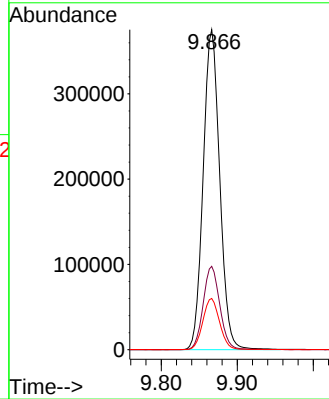
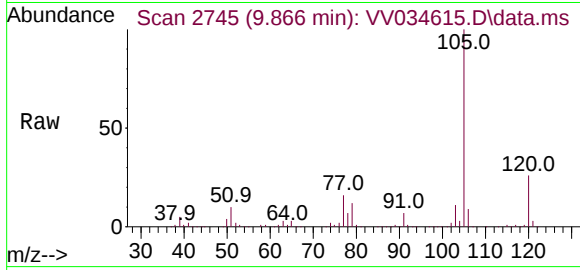




#60
Isopropylbenzene
Concen: 53.948 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034615.D
Acq: 14 Mar 2024 19:50

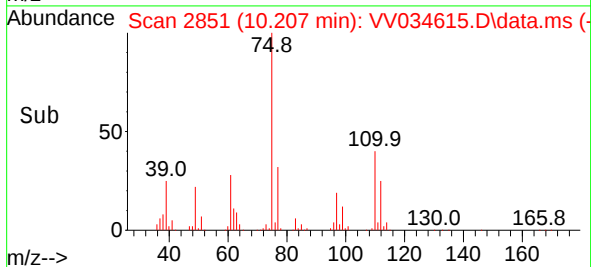
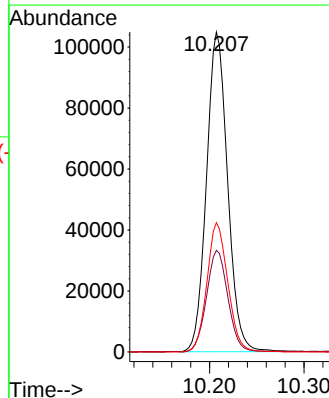
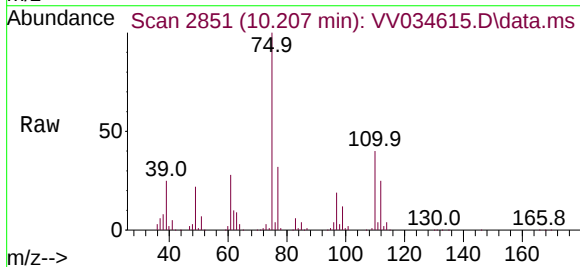
Instrument :
MSVOA_V
ClientSampleId :

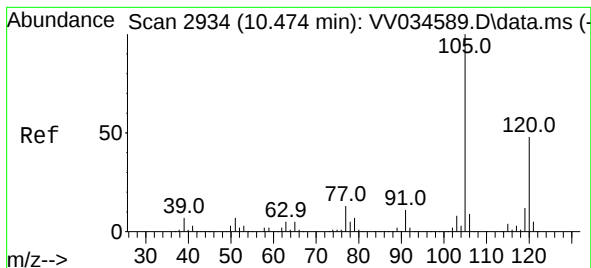
Tgt Ion:105 Resp: 568535
Ion Ratio Lower Upper
105 100
120 26.1 20.8 31.2
77 16.2 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 57.203 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV034615.D
Acq: 14 Mar 2024 19:50

Tgt Ion: 75 Resp: 162706
Ion Ratio Lower Upper
75 100
77 32.4 25.9 38.9
110 40.0 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 53.461 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

Instrument :

MSVOA_V

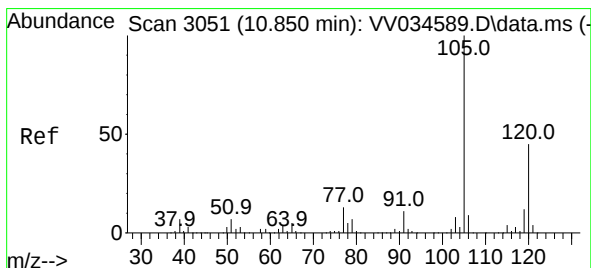
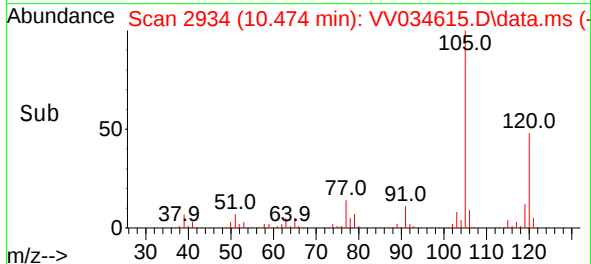
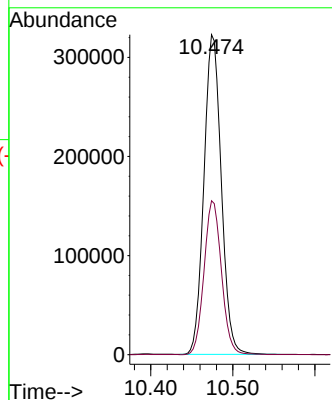
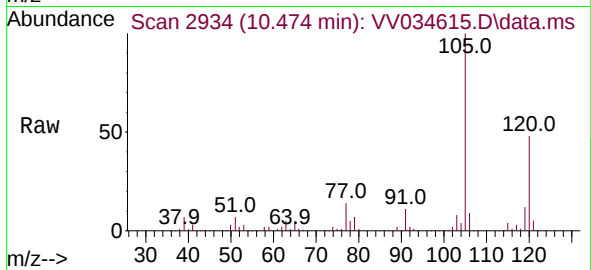
ClientSampleId :

Tgt Ion:105 Resp: 475250

Ion Ratio Lower Upper

105 100

120 48.3 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 54.033 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034615.D

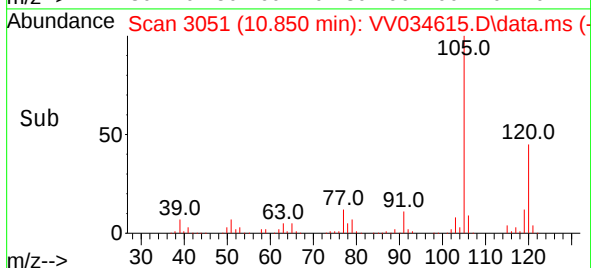
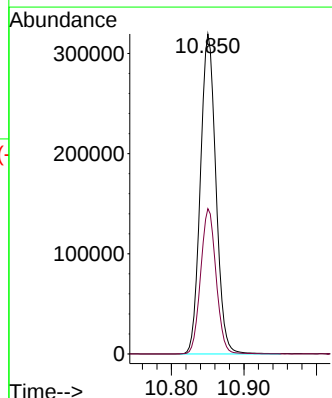
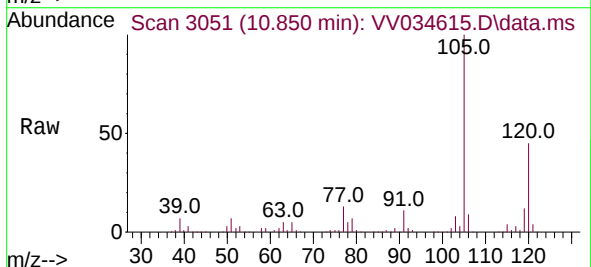
Acq: 14 Mar 2024 19:50

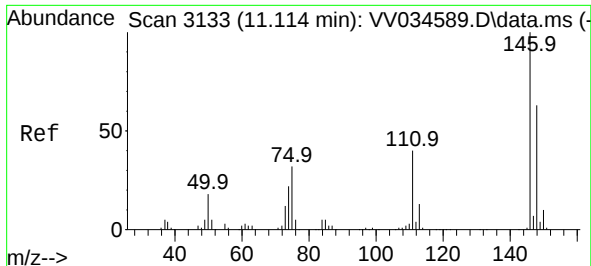
Tgt Ion:105 Resp: 475070

Ion Ratio Lower Upper

105 100

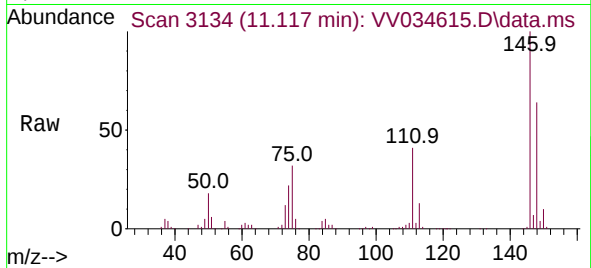
120 45.1 36.2 54.4



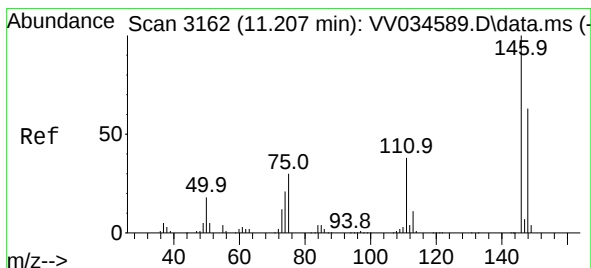
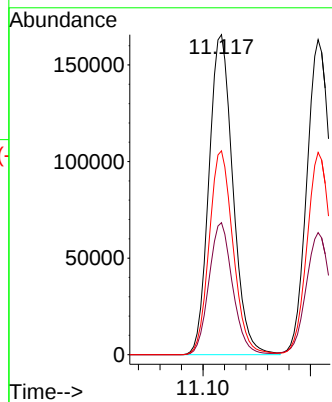
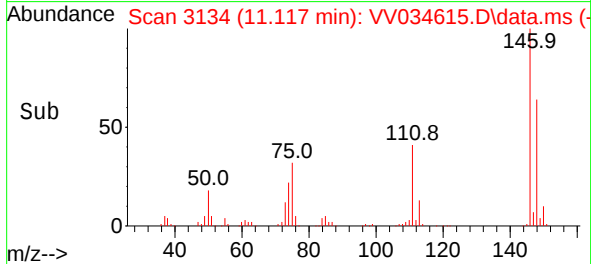


#64
1,3-Dichlorobenzene
Concen: 52.678 ug/L
RT: 11.117 min Scan# 3133
Delta R.T. 0.003 min
Lab File: VV034615.D
Acq: 14 Mar 2024 19:50

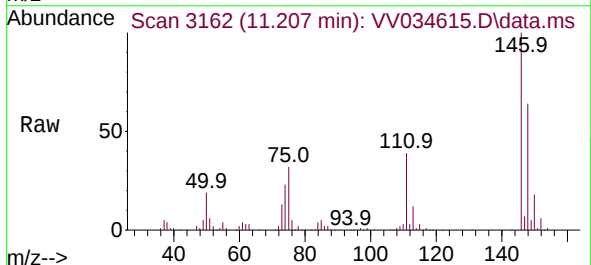
Instrument :
MSVOA_V
ClientSampleId :



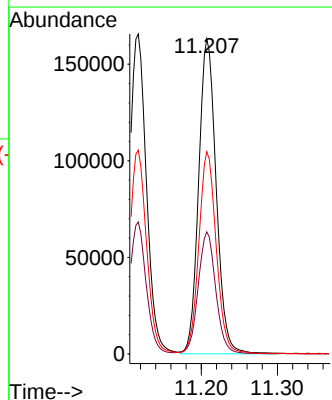
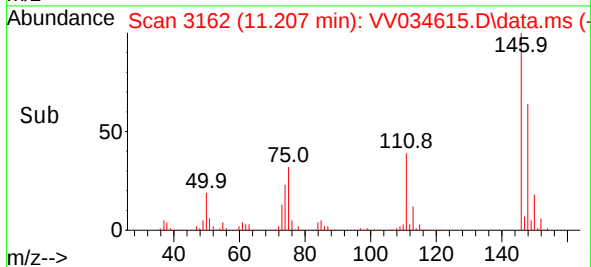
Tgt Ion:146 Resp: 256678
Ion Ratio Lower Upper
146 100
111 41.2 27.9 51.7
148 63.7 44.2 82.0

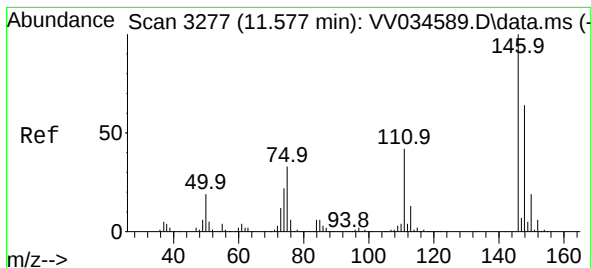


#65
1,4-Dichlorobenzene
Concen: 52.806 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV034615.D
Acq: 14 Mar 2024 19:50



Tgt Ion:146 Resp: 261290
Ion Ratio Lower Upper
146 100
111 38.8 26.5 49.1
148 64.2 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 52.723 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

Instrument :

MSVOA_V

ClientSampleId :

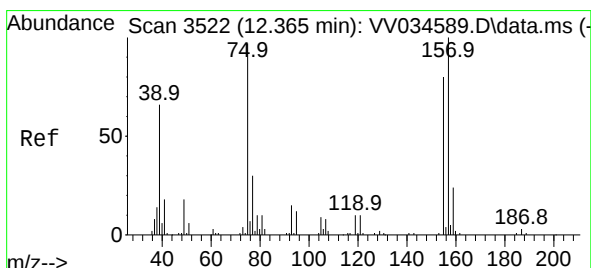
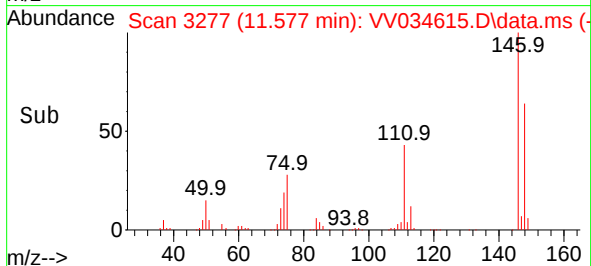
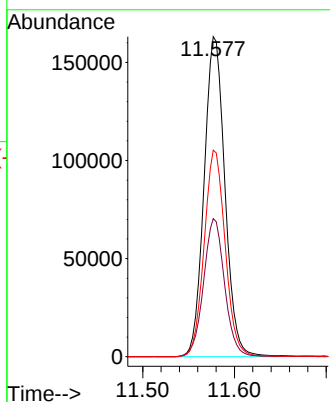
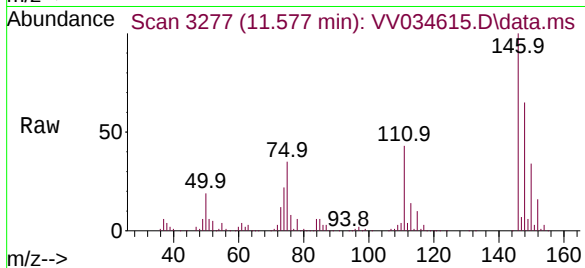
Tgt Ion:146 Resp: 257419

Ion Ratio Lower Upper

146 100

111 43.2 33.8 50.8

148 64.6 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 56.797 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

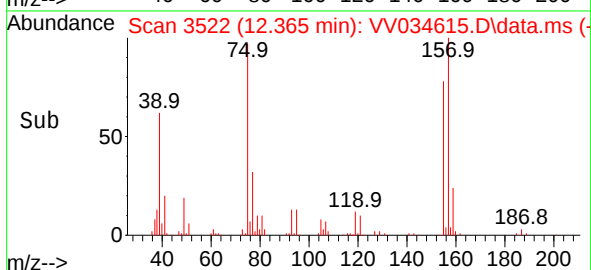
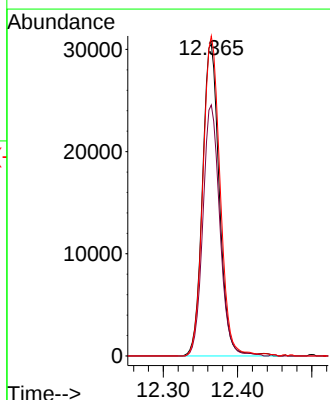
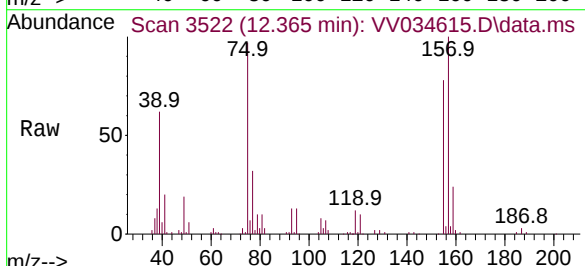
Tgt Ion: 75 Resp: 48123

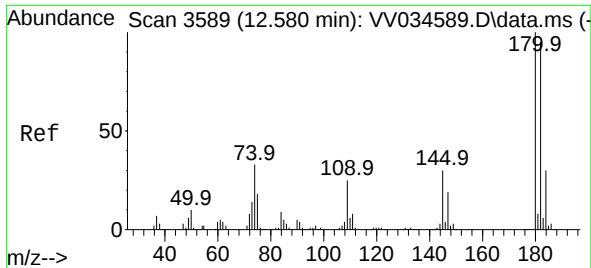
Ion Ratio Lower Upper

75 100

155 80.5 63.3 94.9

157 102.6 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 49.438 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

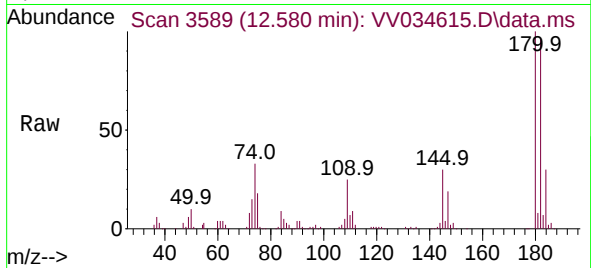
Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 180713

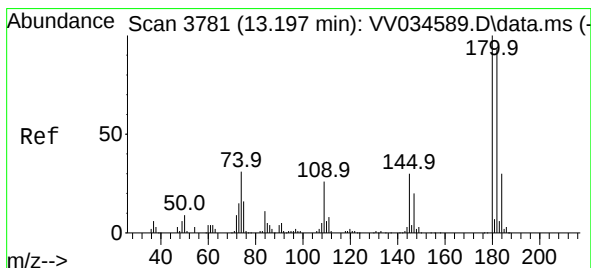
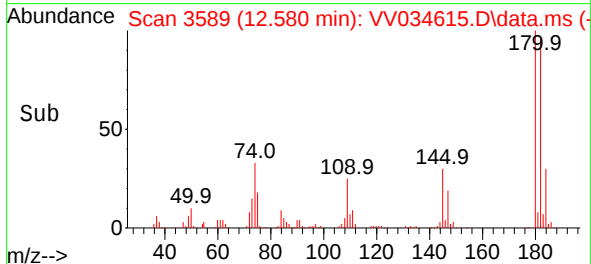
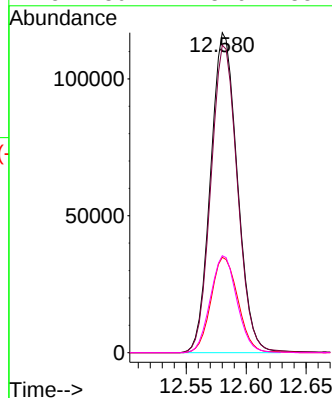
Ion Ratio Lower Upper

180 100

182 95.7 74.6 112.0

184 30.0 23.6 35.4

145 30.1 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 49.918 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

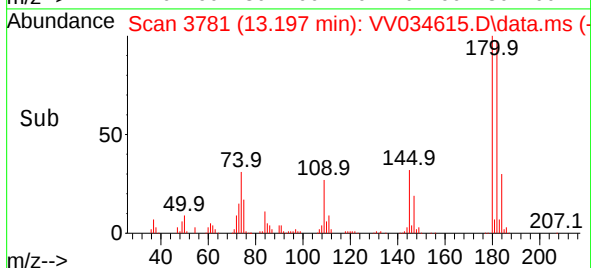
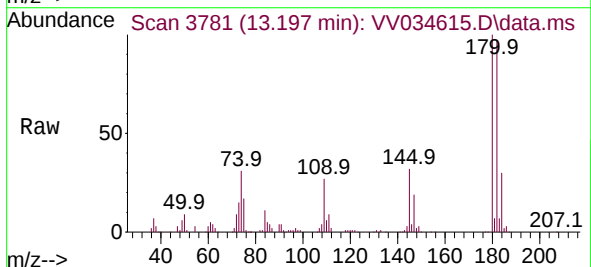
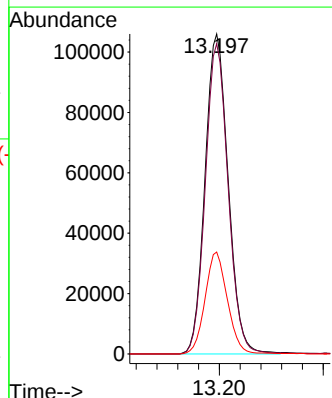
Tgt Ion:180 Resp: 164184

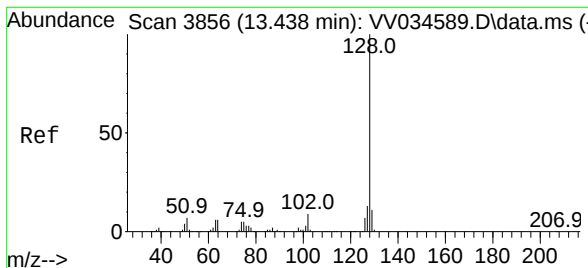
Ion Ratio Lower Upper

180 100

182 95.1 74.8 112.2

145 30.5 24.2 36.4





#71

Naphthalene

Concen: 51.163 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

Instrument :

MSVOA_V

ClientSampleId :

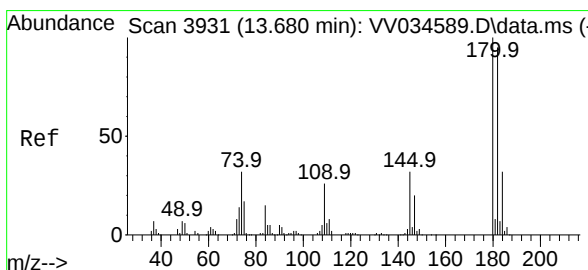
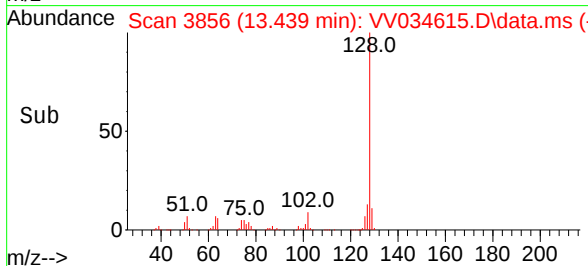
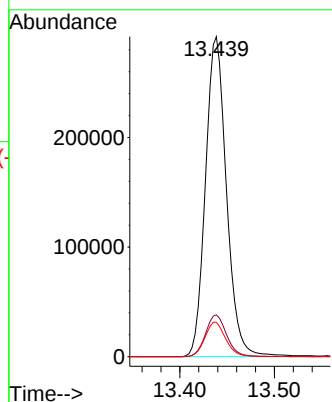
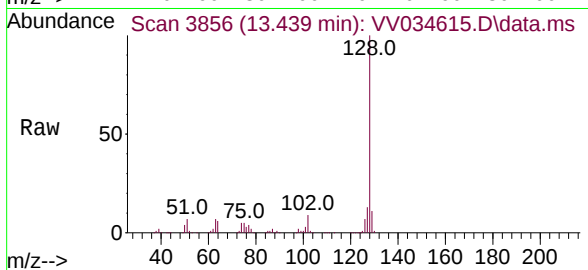
Tgt Ion:128 Resp: 450139

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 52.138 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV034615.D

Acq: 14 Mar 2024 19:50

Tgt Ion:180 Resp: 167293

Ion Ratio Lower Upper

180 100

182 96.5 75.9 113.9

145 32.9 25.5 38.3

