

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041124\
 Data File : VW035127.D
 Acq On : 11 Apr 2024 15:24
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 12 01:17:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 02:49:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	187039	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	187744	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	96377	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	65104	4.224	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.532	69	63077	4.963	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.056	65	31591	4.512	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	3.809	46	116686	48.381	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.760%
24) Chloroform-d	4.249	84	132854	5.326	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
26) 1,2-Dichloroethane-d4	4.944	65	63696	5.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.000%
32) Benzene-d6	4.960	84	258391	5.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
36) 1,2-Dichloropropane-d6	5.989	67	81862	5.679	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.600%
41) Toluene-d8	7.243	98	238455	5.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
43) trans-1,3-Dichloroprop...	7.555	79	26908	5.255	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.000%
46) 2-Hexanone-d5	8.027	63	113160	64.391	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.780%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	61464	6.111	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.200%#
66) 1,2-Dichlorobenzene-d4	11.558	152	82375	5.426	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	61110	4.245	ug/L	98
3) Chloromethane	1.214	50	78059	4.471	ug/L	100
5) Vinyl chloride	1.282	62	82102	4.397	ug/L	98
6) Bromomethane	1.487	94	46113	4.326	ug/L	98
8) Chloroethane	1.548	64	54099	4.507	ug/L	98
9) Trichlorofluoromethane	1.712	101	115164	4.640	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	71402	4.696	ug/L	99
12) 1,1-Dichloroethene	2.069	96	64629	4.551	ug/L	98
13) Acetone	2.134	43	85122	48.382	ug/L	77
14) Carbon disulfide	2.240	76	182350	4.310	ug/L	99
15) Methyl Acetate	2.384	43	27016	5.563	ug/L	99
16) Methylene chloride	2.446	84	73531	4.720	ug/L	92
17) Methyl tert-butyl Ether	2.703	73	163438	5.345	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	67973	4.829	ug/L	96
19) 1,1-Dichloroethane	3.111	63	141856	5.108	ug/L	98
21) 2-Butanone	3.892	43	124774	44.249	ug/L #	77
22) cis-1,2-Dichloroethene	3.812	96	75147	5.098	ug/L	97
23) Bromochloromethane	4.150	128	31793	5.137	ug/L	97
25) Chloroform	4.275	83	141013	5.113	ug/L	100

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 ALS Vial : 2 Sample Multiplier: 1

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 ClientSampleId :

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 Response via : Initial Calibration

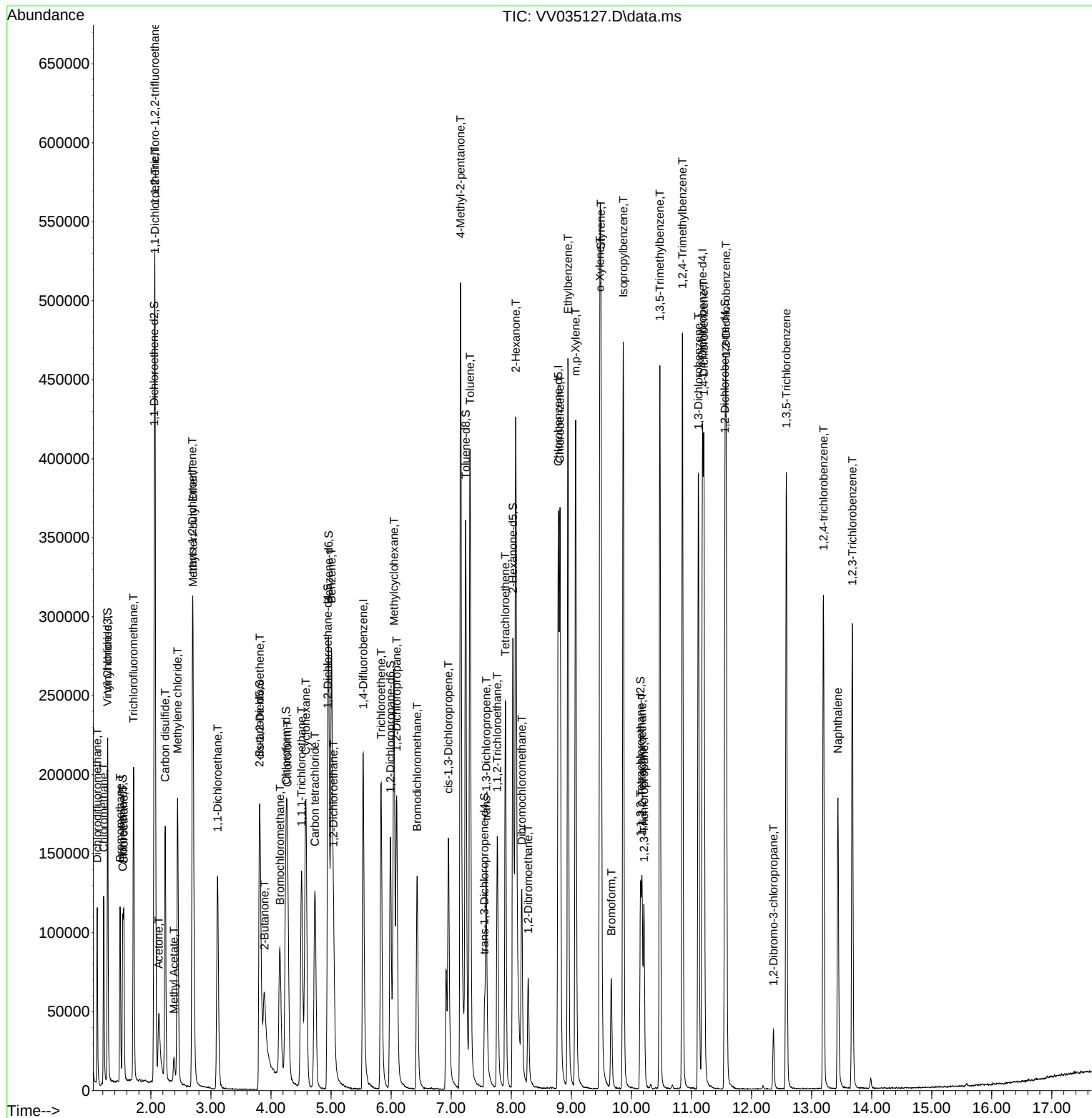
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	82420	5.310	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	112101	4.872	ug/L	99
30) Cyclohexane	4.580	56	101619	4.794	ug/L	99
31) Carbon tetrachloride	4.732	117	94928	4.821	ug/L	96
33) Benzene	5.008	78	283332	4.929	ug/L	100
34) Trichloroethene	5.834	95	73243	4.891	ug/L	97
35) Methylcyclohexane	6.047	83	107661	4.720	ug/L	98
37) 1,2-Dichloropropane	6.092	63	75886	5.092	ug/L	100
38) Bromodichloromethane	6.432	83	97496	5.186	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	105458	5.268	ug/L	96
40) 4-Methyl-2-pentanone	7.156	43	392184	58.324	ug/L	100
42) Toluene	7.313	91	301768	4.995	ug/L	98
44) trans-1,3-Dichloropropene	7.584	75	89014	5.364	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	52436	5.355	ug/L	99
47) Tetrachloroethene	7.902	164	54360	4.831	ug/L	98
48) 2-Hexanone	8.076	43	313230	61.705	ug/L	96
49) Dibromochloromethane	8.175	129	60352	5.236	ug/L	98
50) 1,2-Dibromoethane	8.281	107	48562	5.268	ug/L	98
51) Chlorobenzene	8.812	112	194830	4.991	ug/L	100
52) Ethylbenzene	8.944	91	323032	4.950	ug/L	100
53) m,p-Xylene	9.072	106	117805	4.916	ug/L	99
54) o-Xylene	9.477	106	117088	4.980	ug/L	96
55) Styrene	9.493	104	201870	5.340	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	63657	5.439	ug/L	100
59) Bromoform	9.667	173	31602	5.275	ug/L	97
60) Isopropylbenzene	9.866	105	298884	4.962	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	48192	5.356	ug/L	96
62) 1,3,5-Trimethylbenzene	10.474	105	238568	4.821	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	250307	4.986	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	153592	4.996	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	149914	4.869	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	145770	5.133	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	9555	5.166	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	116144	5.032	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	97206	5.421	ug/L	99
71) Naphthalene	13.439	128	147462	5.852	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	88199	5.593	ug/L	100

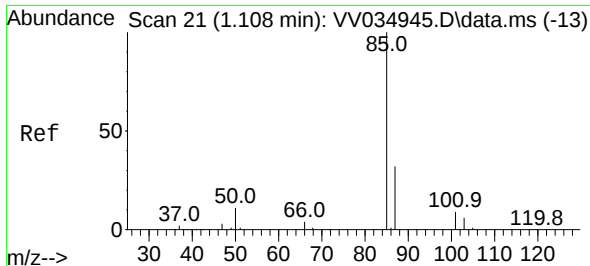
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 Data File : VV035127.D
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 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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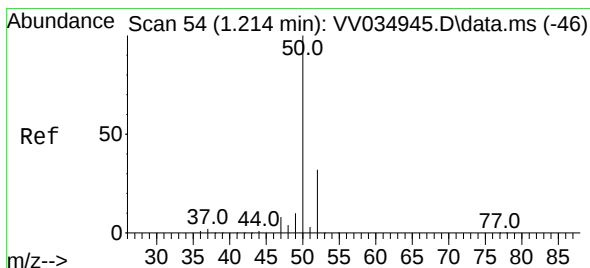
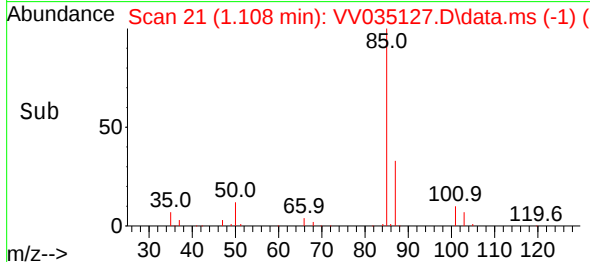
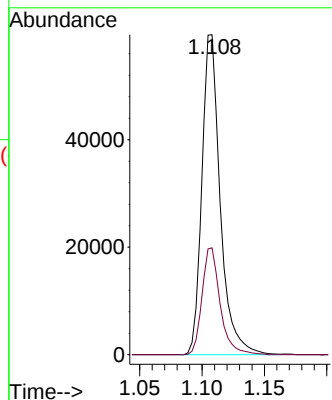
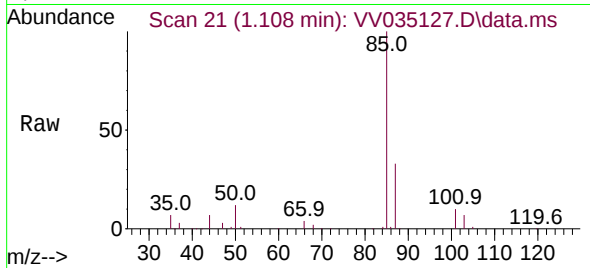




#2
Dichlorodifluoromethane
Concen: 4.245 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035127.D
Acq: 11 Apr 2024 15:24

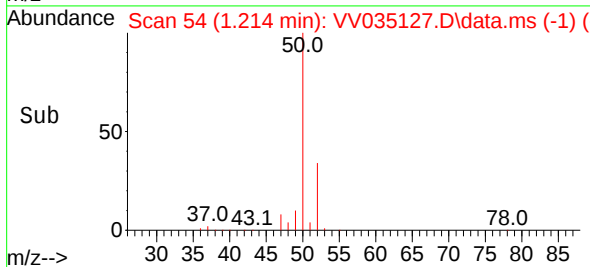
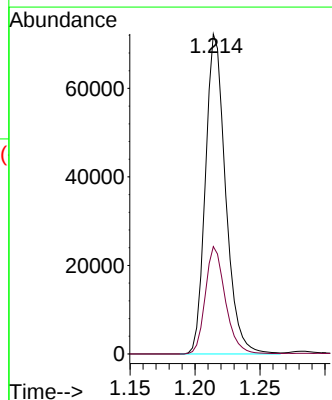
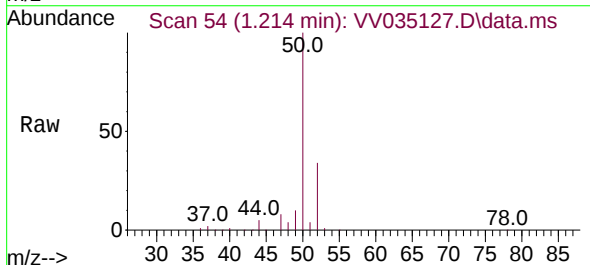
Instrument :
MSVOA_V
ClientSampleId :

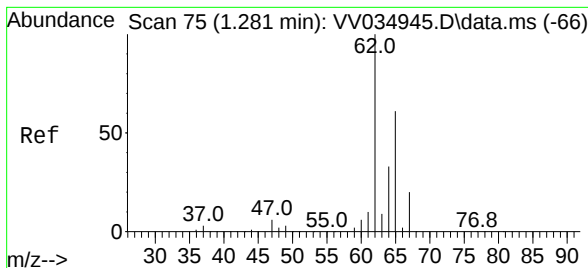
Tgt Ion: 85 Resp: 61110
Ion Ratio Lower Upper
85 100
87 33.0 25.7 38.5



#3
Chloromethane
Concen: 4.471 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV035127.D
Acq: 11 Apr 2024 15:24

Tgt Ion: 50 Resp: 78059
Ion Ratio Lower Upper
50 100
52 33.6 23.4 43.4





#5

Vinyl chloride

Concen: 4.397 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

Instrument :

MSVOA_V

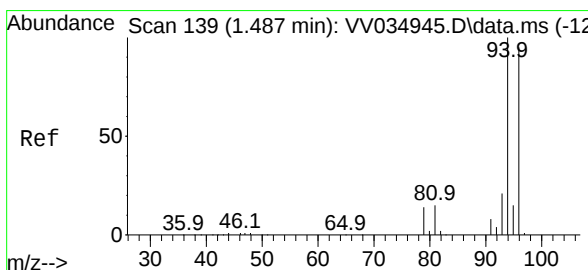
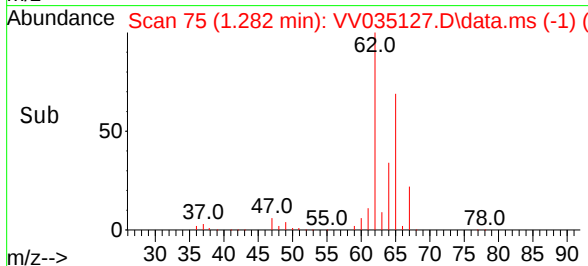
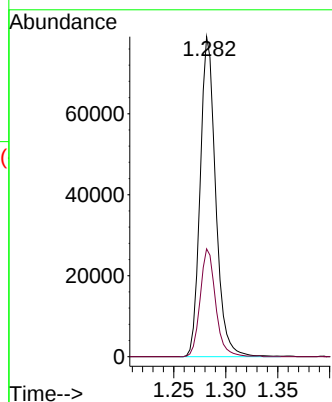
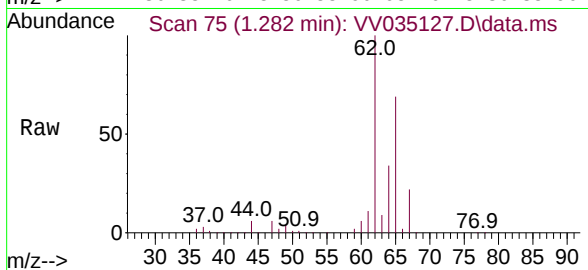
ClientSampleId :

Tgt Ion: 62 Resp: 82102

Ion Ratio Lower Upper

62 100

64 33.7 22.9 42.5



#6

Bromomethane

Concen: 4.326 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV035127.D

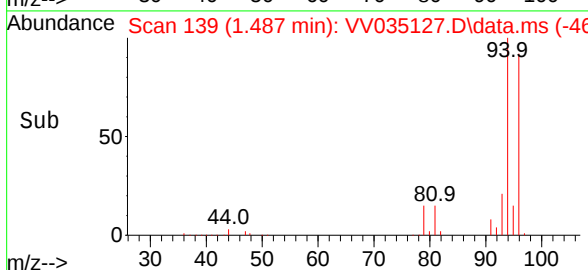
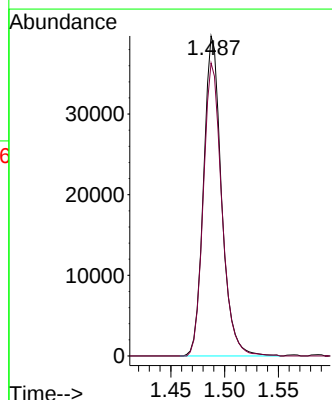
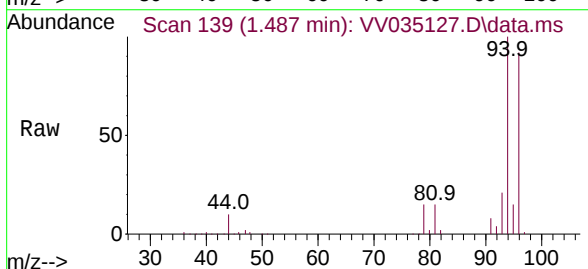
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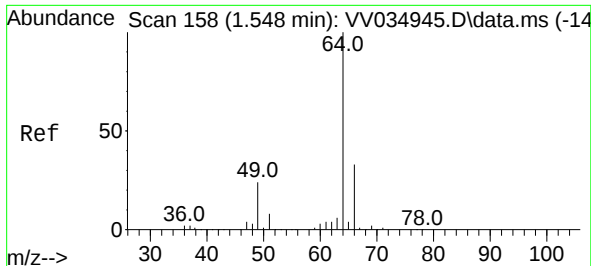
Tgt Ion: 94 Resp: 46113

Ion Ratio Lower Upper

94 100

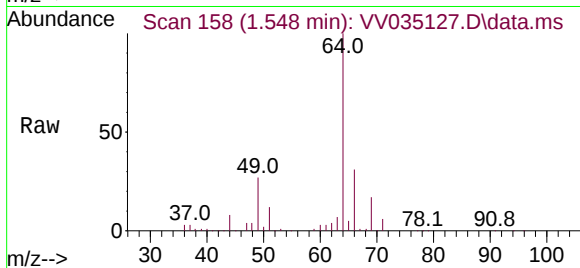
96 91.5 65.4 121.4



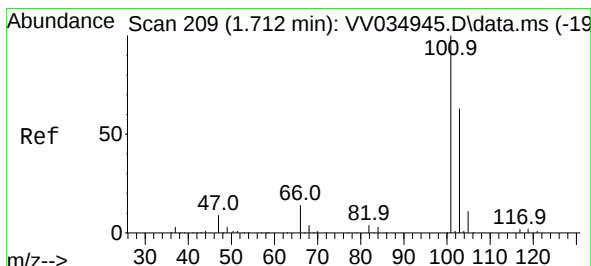
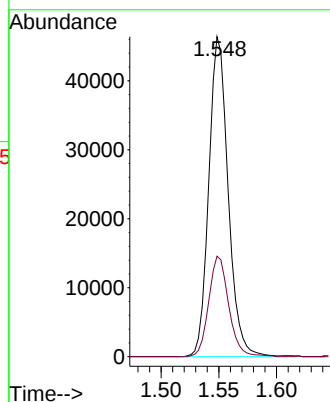
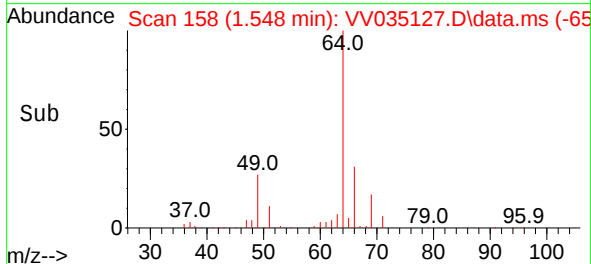


#8
Chloroethane
Concen: 4.507 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV035127.D
Acq: 11 Apr 2024 15:24

Instrument :
MSVOA_V
ClientSampleId :

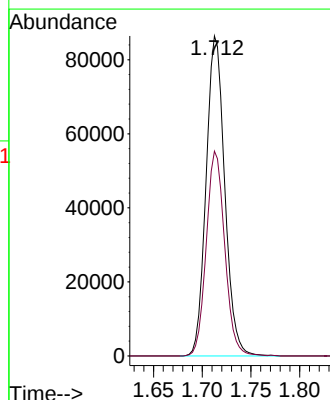
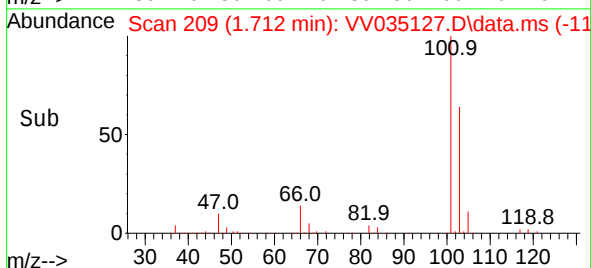
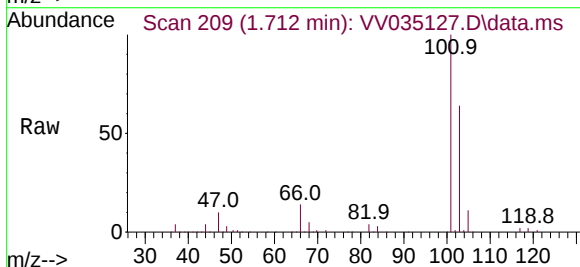


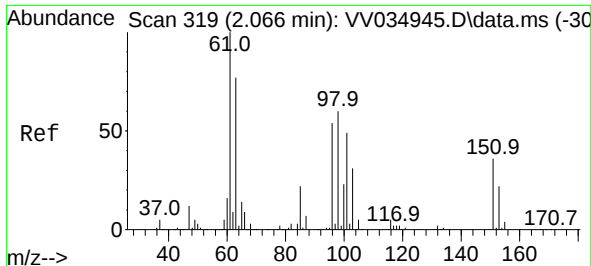
Tgt Ion: 64 Resp: 54099
Ion Ratio Lower Upper
64 100
66 31.4 22.6 42.0



#9
Trichlorofluoromethane
Concen: 4.640 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV035127.D
Acq: 11 Apr 2024 15:24

Tgt Ion:101 Resp: 115164
Ion Ratio Lower Upper
101 100
103 63.4 51.9 77.9

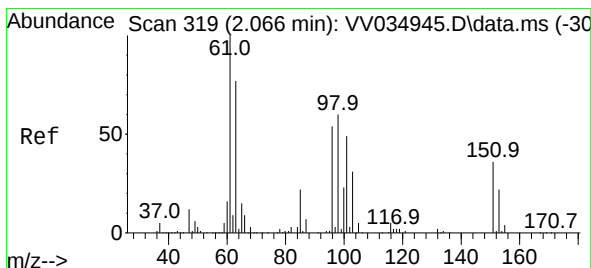
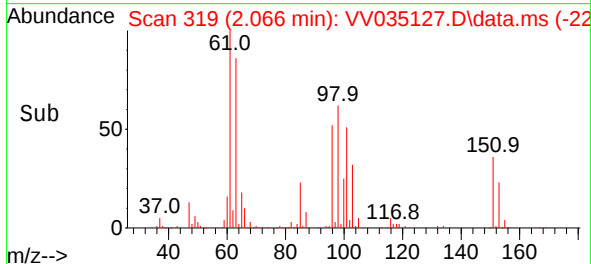
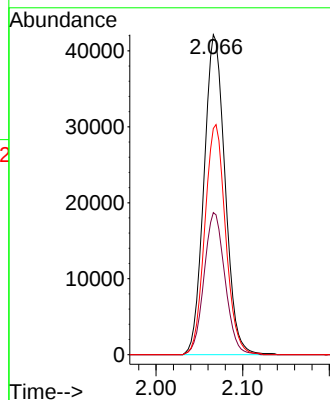
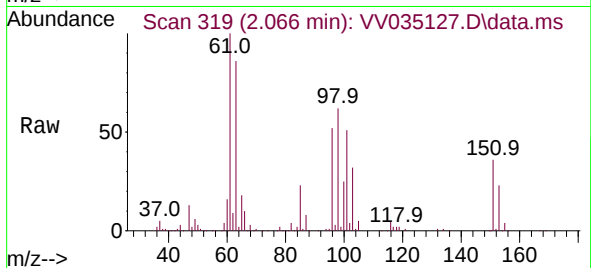




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.696 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV035127.D
 Acq: 11 Apr 2024 15:24

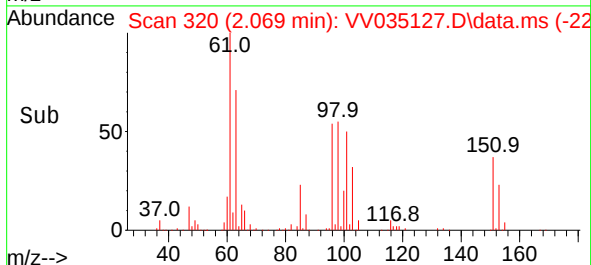
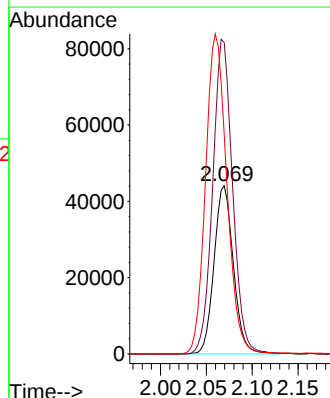
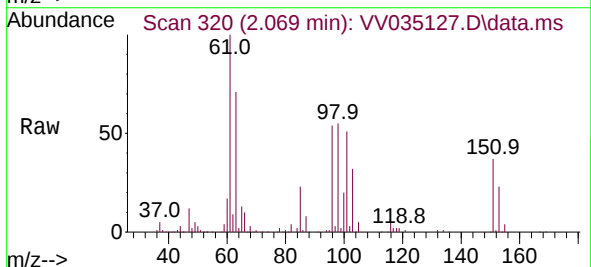
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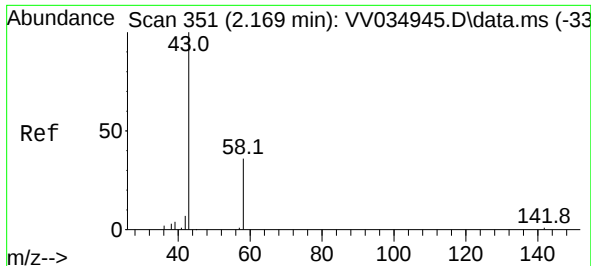
Tgt Ion: 101 Resp: 71402
 Ion Ratio Lower Upper
 101 100
 85 44.0 36.2 54.4
 151 70.8 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 4.551 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.003 min
 Lab File: VV035127.D
 Acq: 11 Apr 2024 15:24

Tgt Ion: 96 Resp: 64629
 Ion Ratio Lower Upper
 96 100
 61 185.3 128.1 237.9
 63 130.8 93.5 173.7





#13

Acetone

Concen: 48.382 ug/L

RT: 2.134 min Scan# 34

Delta R.T. -0.035 min

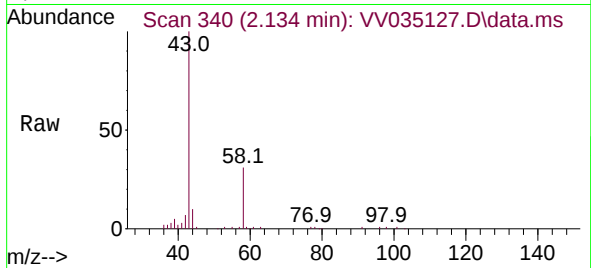
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Acq: 11 Apr 2024 15:24

Instrument :

MSVOA_V

ClientSampleId :

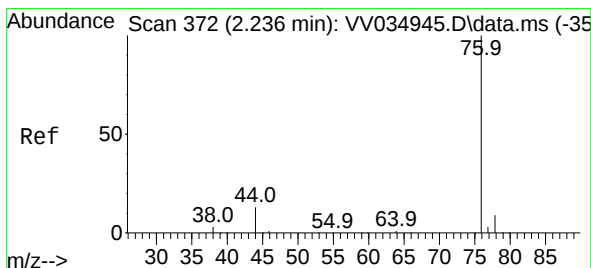
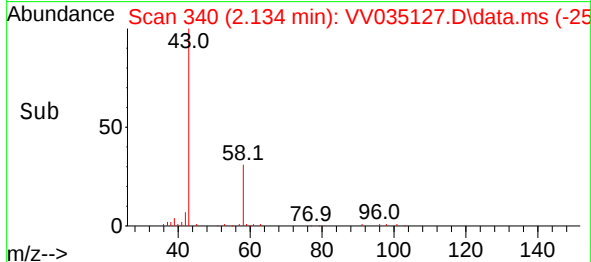
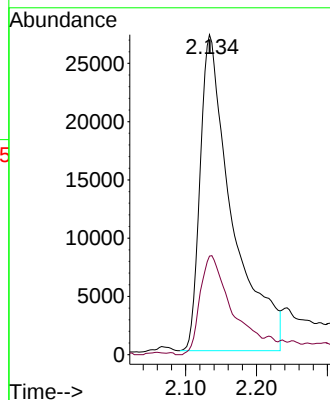


Tgt Ion: 43 Resp: 85122

Ion Ratio Lower Upper

43 100

58 31.1 0.0 40.8



#14

Carbon disulfide

Concen: 4.310 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.003 min

Lab File: VV035127.D

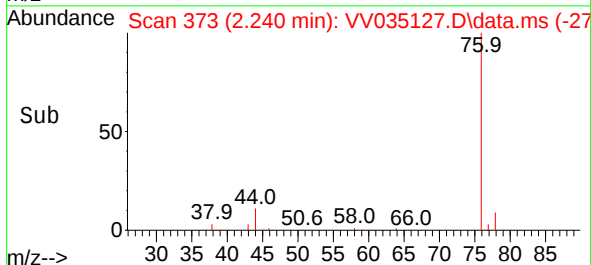
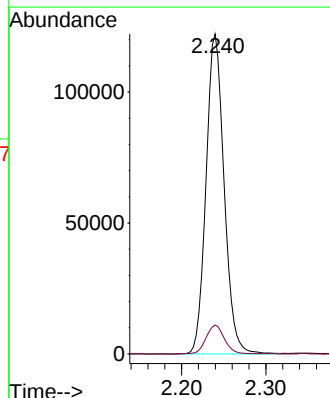
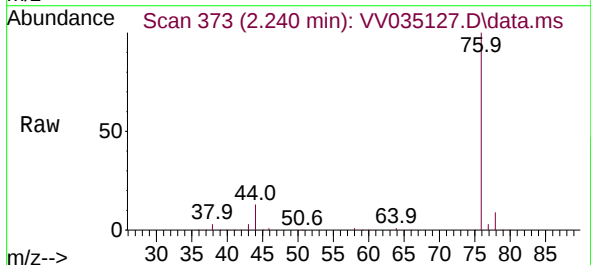
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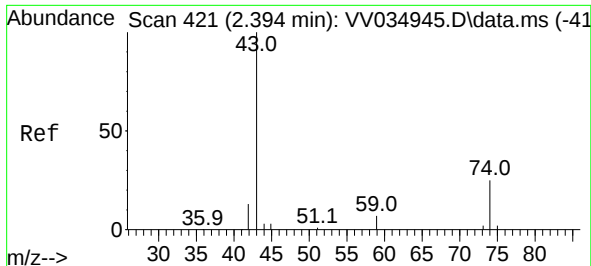
Tgt Ion: 76 Resp: 182350

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2





#15

Methyl Acetate

Concen: 5.563 ug/L

RT: 2.384 min Scan# 41

Delta R.T. -0.010 min

Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

Instrument :

MSVOA_V

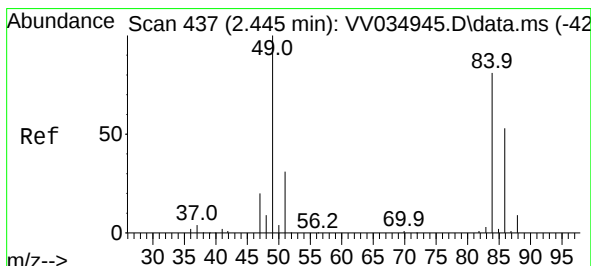
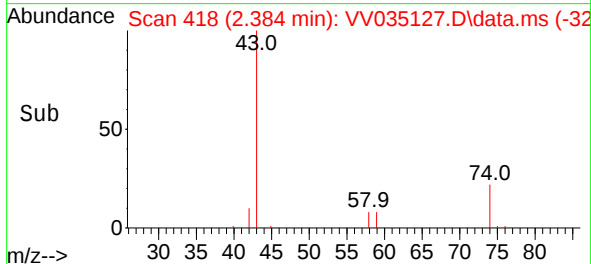
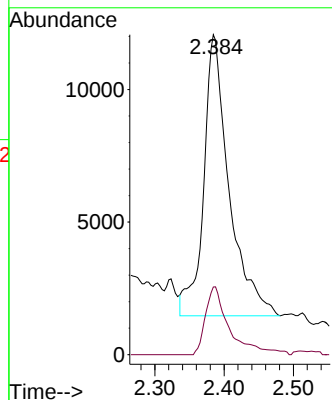
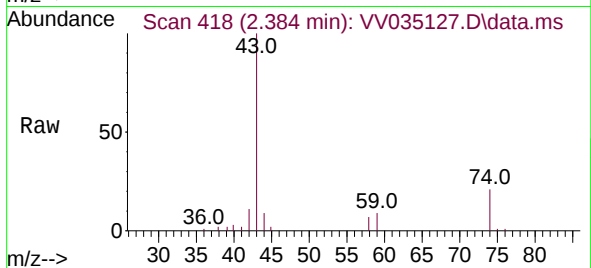
ClientSampleId :

Tgt Ion: 43 Resp: 27016

Ion Ratio Lower Upper

43 100

74 22.8 18.5 27.7



#16

Methylene chloride

Concen: 4.720 ug/L

RT: 2.446 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

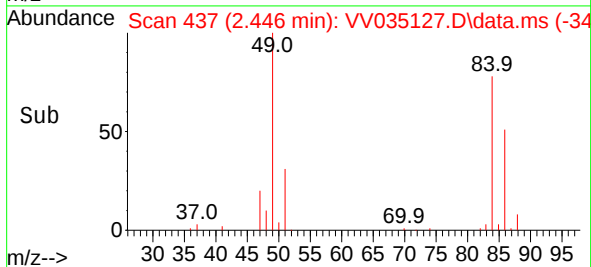
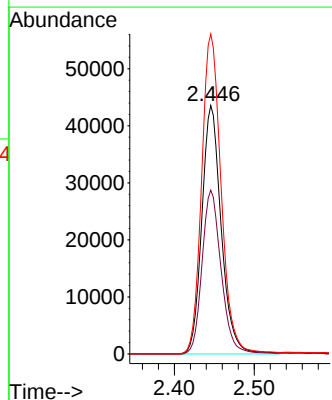
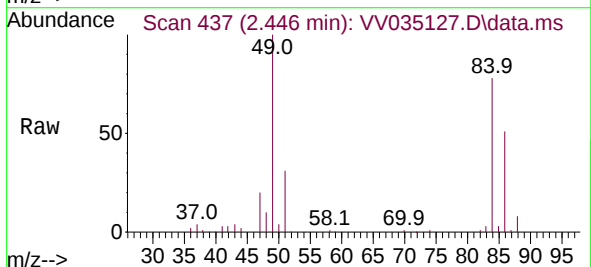
Tgt Ion: 84 Resp: 73531

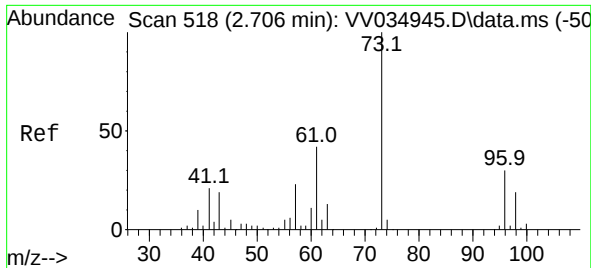
Ion Ratio Lower Upper

84 100

86 66.0 43.5 80.9

49 128.8 82.5 153.3

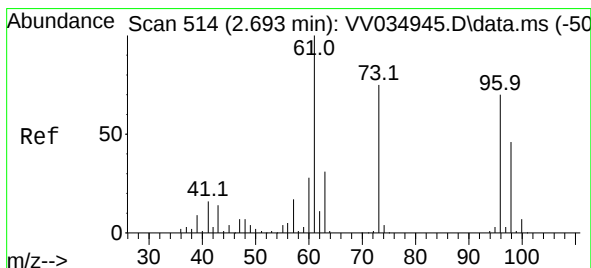
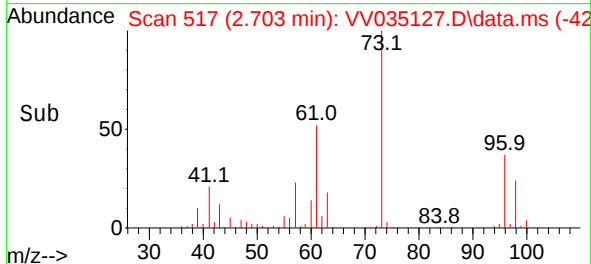
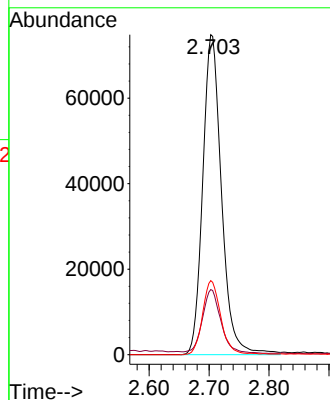
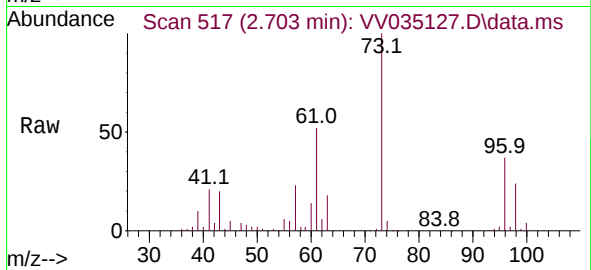




#17
Methyl tert-butyl Ether
Concen: 5.345 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV035127.D
Acq: 11 Apr 2024 15:24

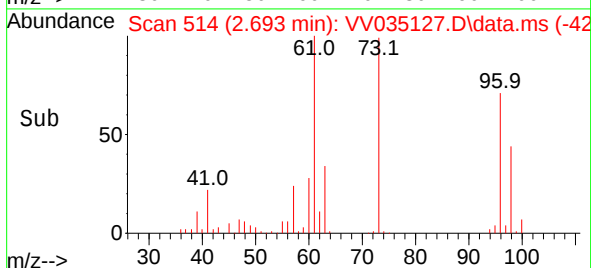
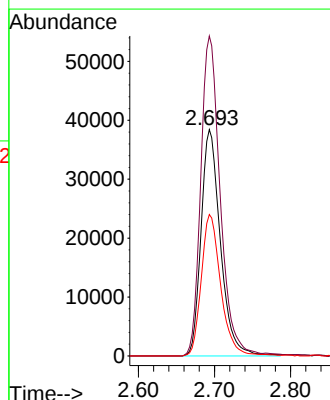
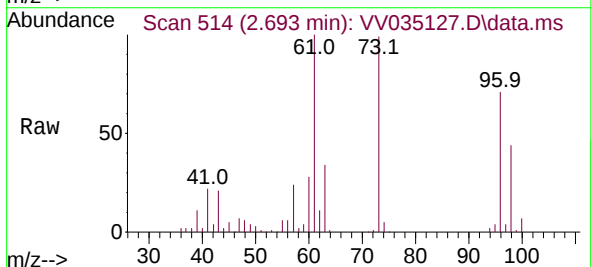
Instrument :
MSVOA_V
ClientSampleId :

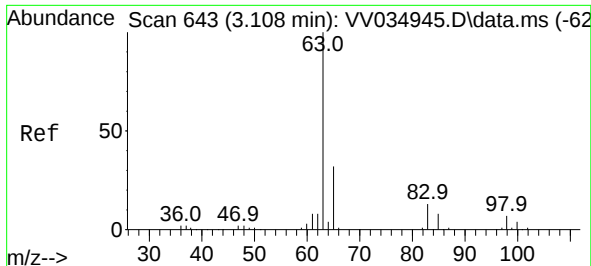
Tgt Ion: 73 Resp: 163438
Ion Ratio Lower Upper
73 100
43 19.6 14.8 22.2
57 22.2 18.1 27.1



#18
trans-1,2-Dichloroethene
Concen: 4.829 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV035127.D
Acq: 11 Apr 2024 15:24

Tgt Ion: 96 Resp: 67973
Ion Ratio Lower Upper
96 100
61 141.4 94.5 175.5
98 62.5 43.5 80.9





#19

1,1-Dichloroethane

Concen: 5.108 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

Instrument :

MSVOA_V

ClientSampleId :

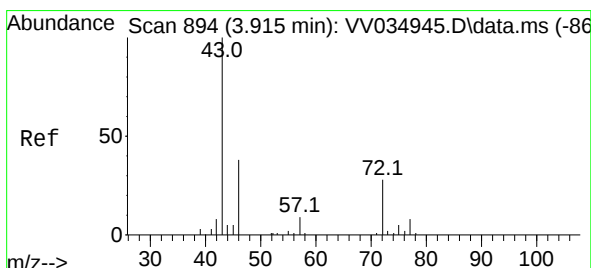
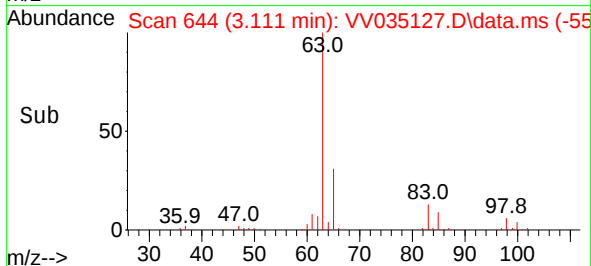
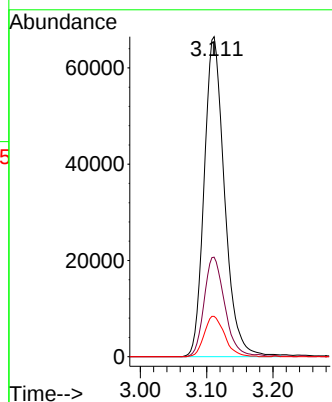
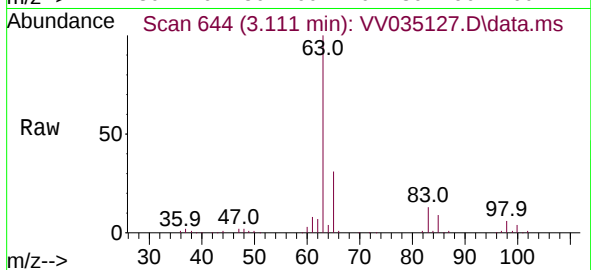
Tgt Ion: 63 Resp: 141856

Ion Ratio Lower Upper

63 100

65 31.1 22.5 41.9

83 12.6 9.1 16.9



#21

2-Butanone

Concen: 44.249 ug/L

RT: 3.892 min Scan# 887

Delta R.T. -0.022 min

Lab File: VV035127.D

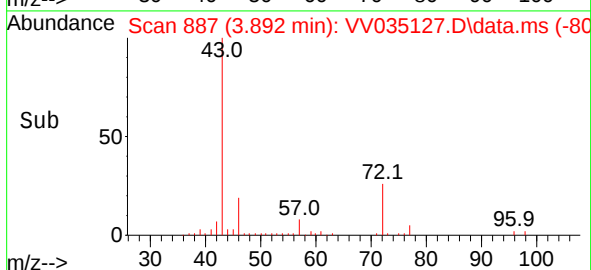
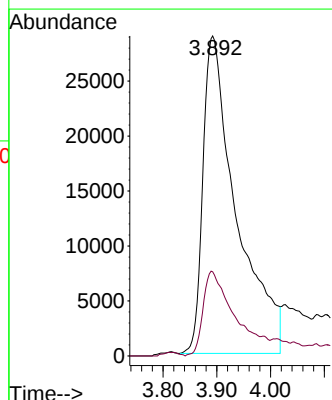
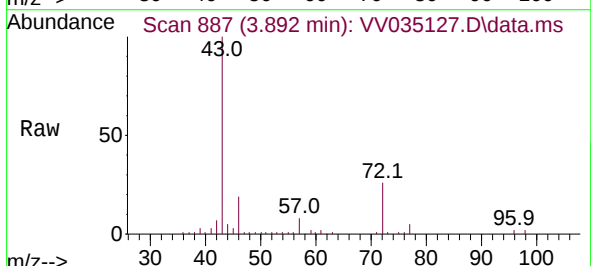
Acq: 11 Apr 2024 15:24

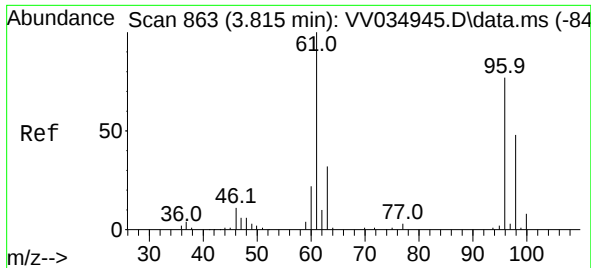
Tgt Ion: 43 Resp: 124774

Ion Ratio Lower Upper

43 100

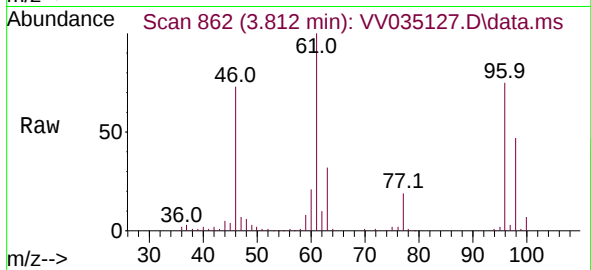
72 24.4 7.5 22.5#



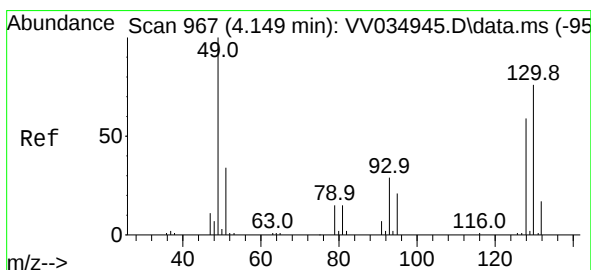
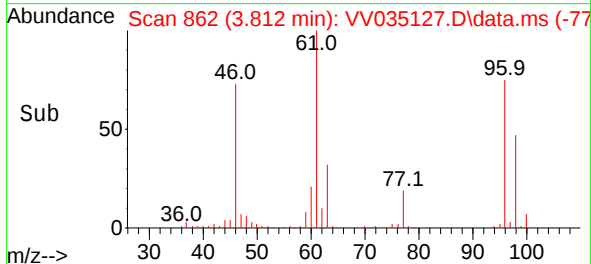
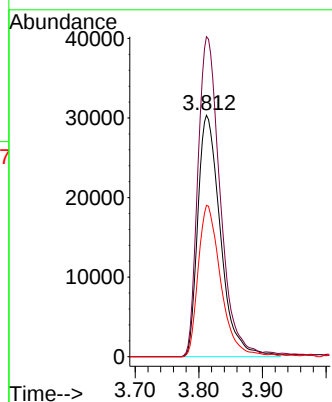


#22
cis-1,2-Dichloroethene
Concen: 5.098 ug/L
RT: 3.812 min Scan# 863
Delta R.T. -0.003 min
Lab File: VV035127.D
Acq: 11 Apr 2024 15:24

Instrument :
MSVOA_V
ClientSampleId :

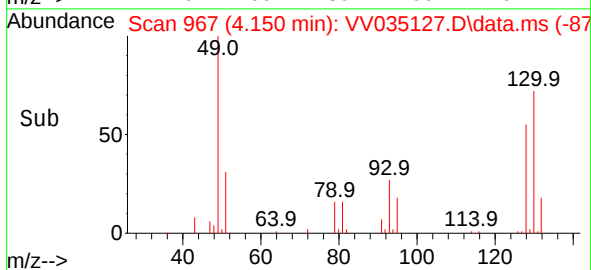
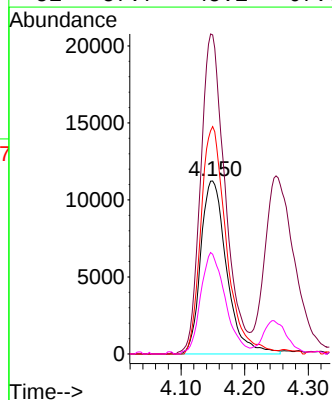
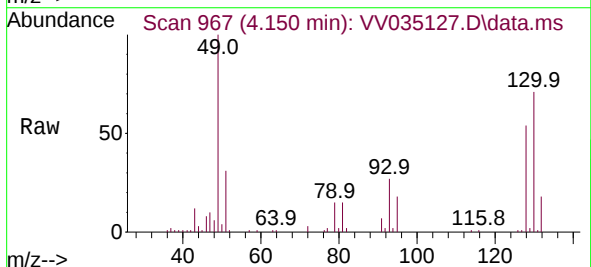


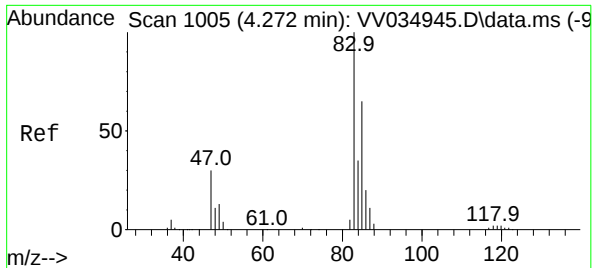
Tgt Ion: 96 Resp: 75147
Ion Ratio Lower Upper
96 100
61 132.6 90.3 167.7
98 62.7 42.7 79.3



#23
Bromochloromethane
Concen: 5.137 ug/L
RT: 4.150 min Scan# 967
Delta R.T. 0.000 min
Lab File: VV035127.D
Acq: 11 Apr 2024 15:24

Tgt Ion:128 Resp: 31793
Ion Ratio Lower Upper
128 100
49 184.5 122.9 228.3
130 131.5 92.1 171.1
51 57.7 45.1 67.7





#25

Chloroform

Concen: 5.113 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

Instrument :

MSVOA_V

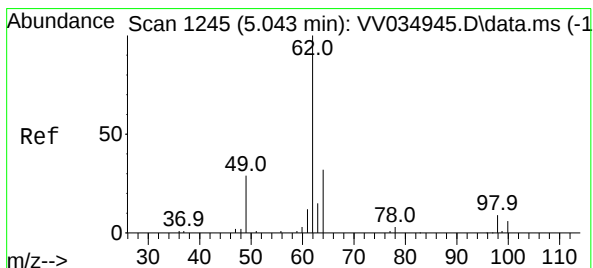
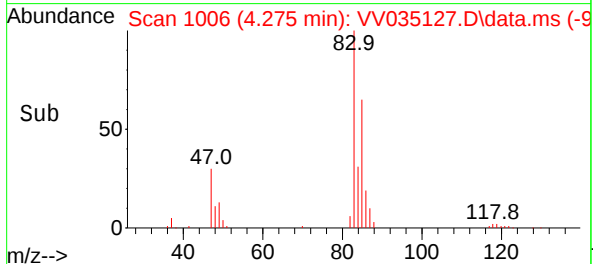
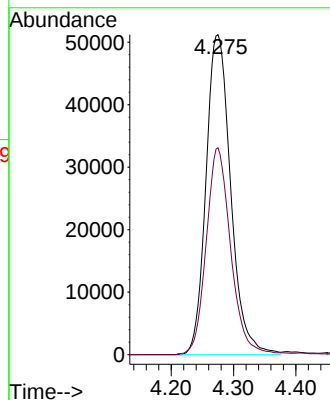
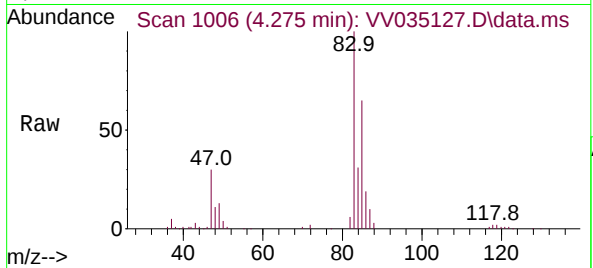
ClientSampleId :

Tgt Ion: 83 Resp: 141013

Ion Ratio Lower Upper

83 100

85 64.7 45.5 84.5



#27

1,2-Dichloroethane

Concen: 5.310 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.003 min

Lab File: VV035127.D

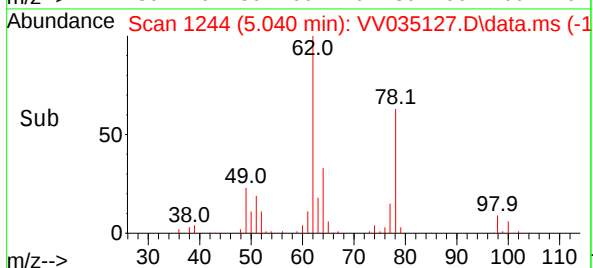
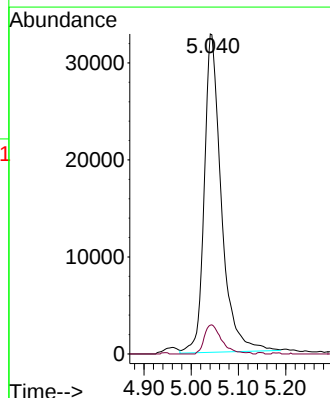
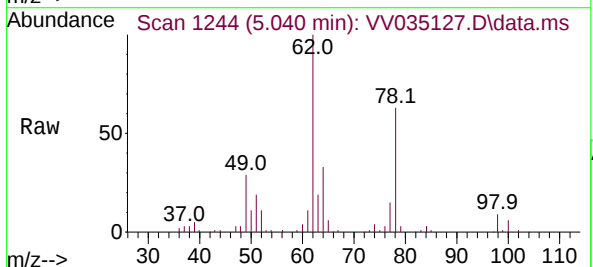
Acq: 11 Apr 2024 15:24

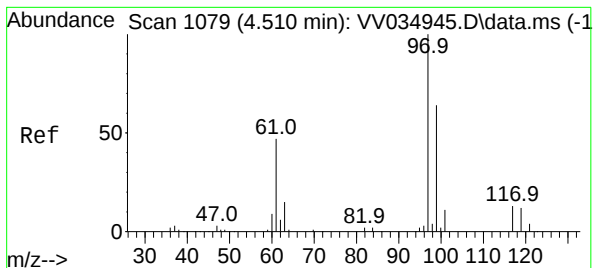
Tgt Ion: 62 Resp: 82420

Ion Ratio Lower Upper

62 100

98 9.0 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 4.872 ug/L

RT: 4.510 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

Instrument :

MSVOA_V

ClientSampleId :

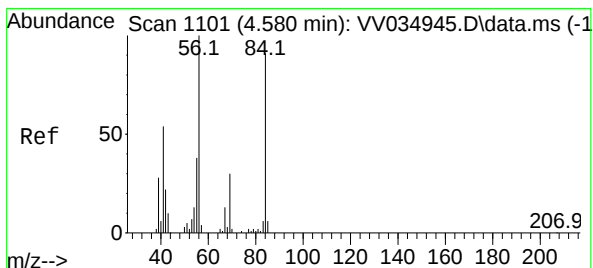
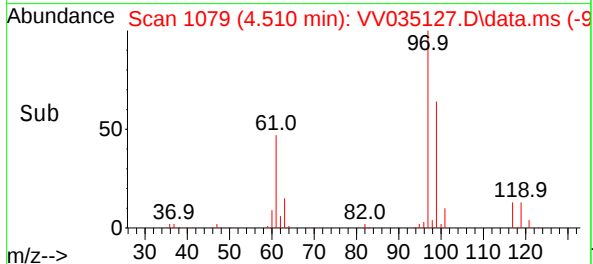
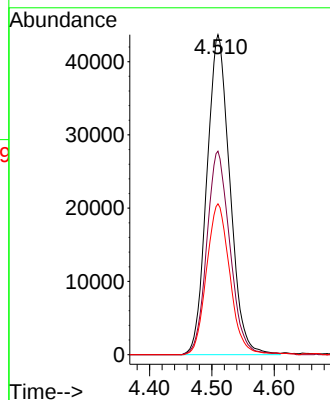
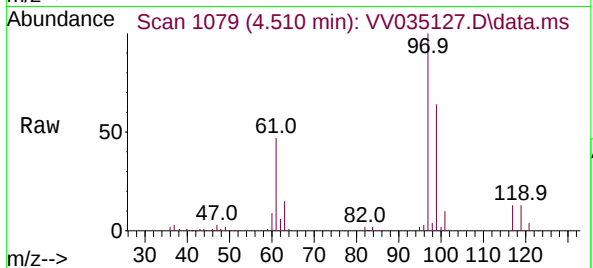
Tgt Ion: 97 Resp: 112101

Ion Ratio Lower Upper

97 100

99 63.7 52.1 78.1

61 47.8 38.7 58.1



#30

Cyclohexane

Concen: 4.794 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

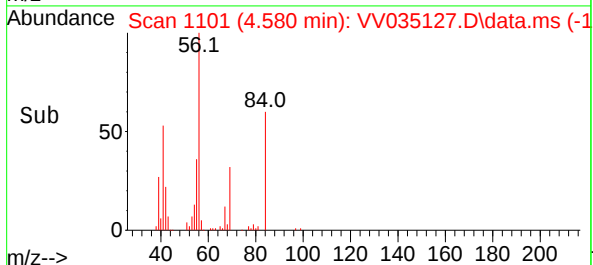
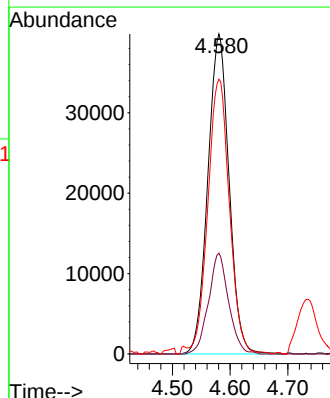
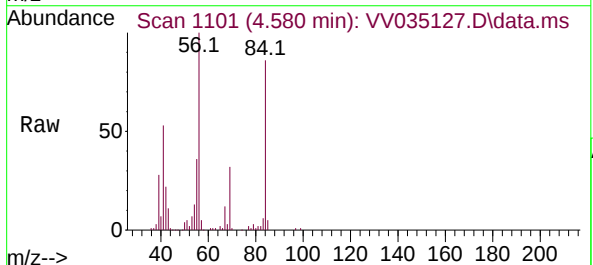
Tgt Ion: 56 Resp: 101619

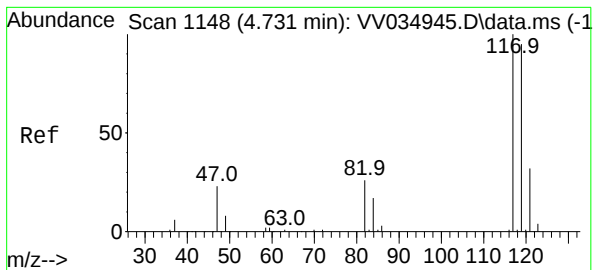
Ion Ratio Lower Upper

56 100

69 29.9 25.2 37.8

84 87.3 69.8 104.8





#31

Carbon tetrachloride

Concen: 4.821 ug/L

RT: 4.732 min Scan# 1148

Delta R.T. 0.000 min

Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

Instrument :

MSVOA_V

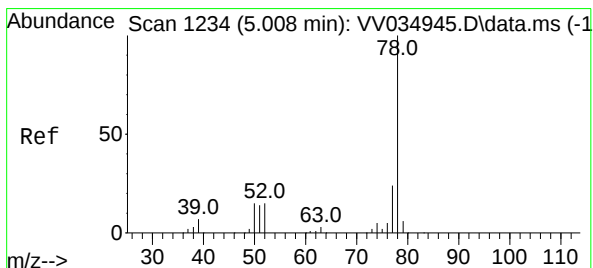
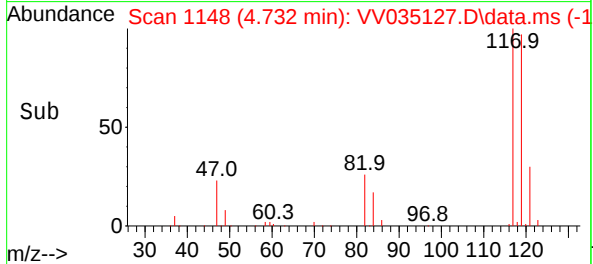
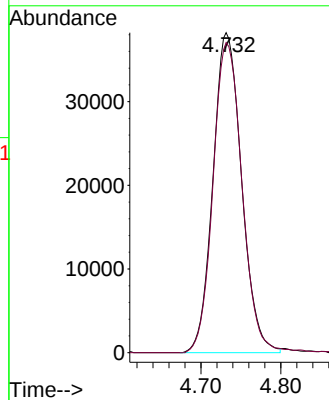
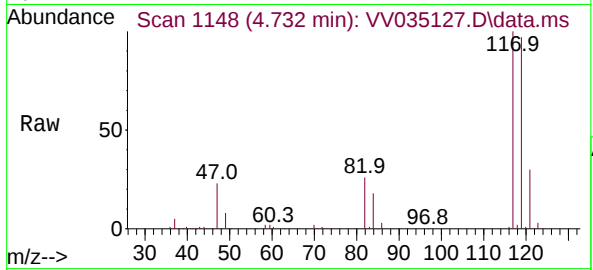
ClientSampleId :

Tgt Ion:117 Resp: 94928

Ion Ratio Lower Upper

117 100

119 98.3 75.8 113.6



#33

Benzene

Concen: 4.929 ug/L

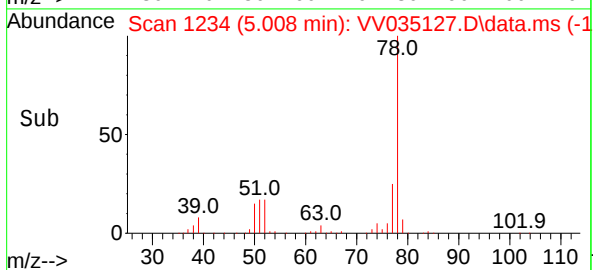
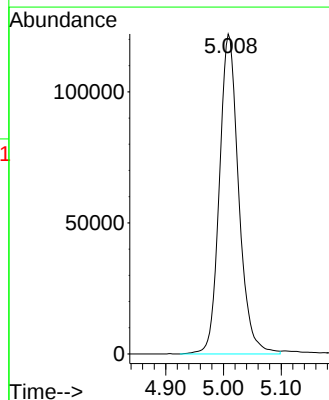
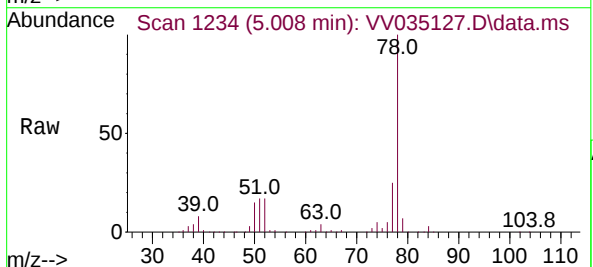
RT: 5.008 min Scan# 1234

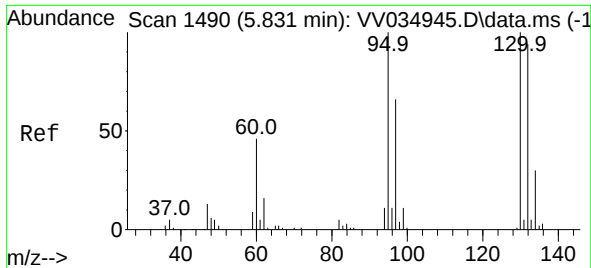
Delta R.T. 0.000 min

Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

Tgt Ion: 78 Resp: 283332

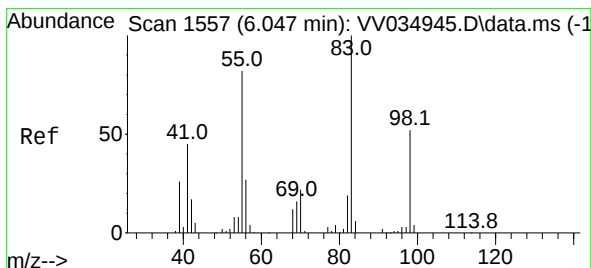
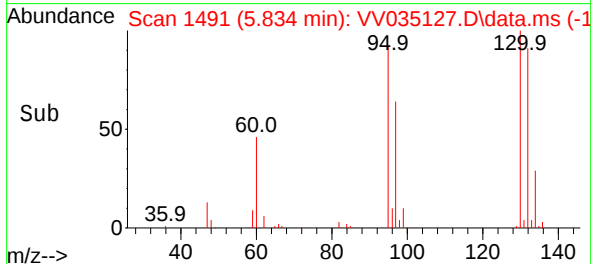
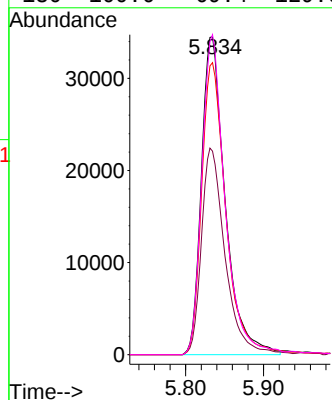
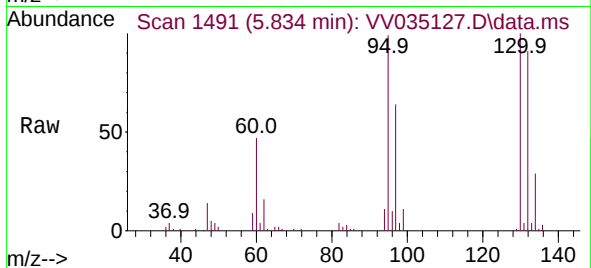




#34
Trichloroethene
Concen: 4.891 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV035127.D
Acq: 11 Apr 2024 15:24

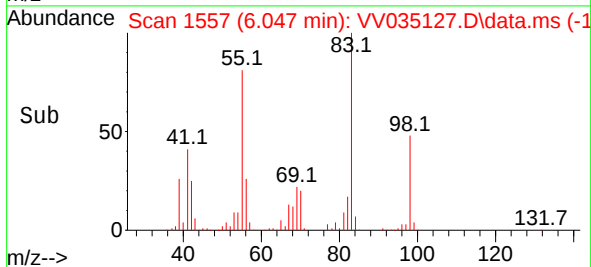
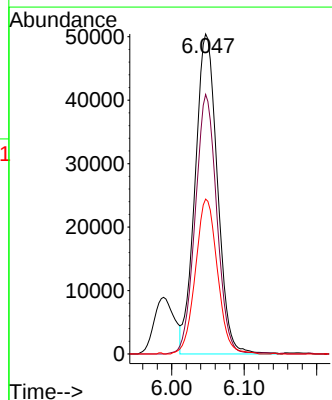
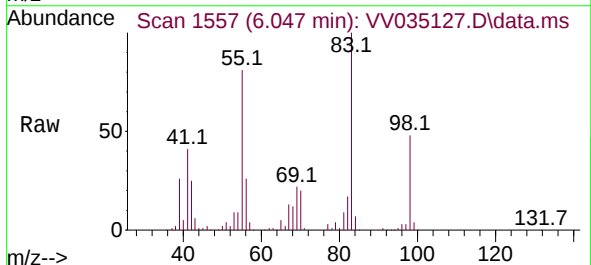
Instrument :
MSVOA_V
ClientSampleId :

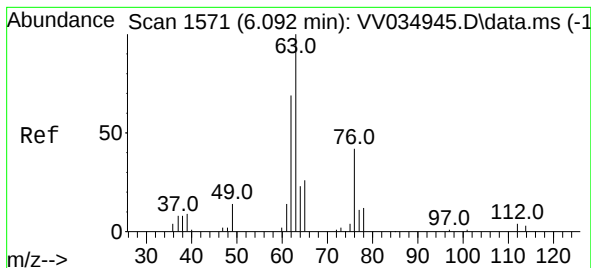
Tgt Ion: 95 Resp: 73243
Ion Ratio Lower Upper
95 100
97 64.0 46.8 86.8
132 91.8 68.0 126.4
130 100.6 69.4 129.0



#35
Methylcyclohexane
Concen: 4.720 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV035127.D
Acq: 11 Apr 2024 15:24

Tgt Ion: 83 Resp: 107661
Ion Ratio Lower Upper
83 100
55 78.5 60.6 91.0
98 47.8 37.8 56.6





#37

1,2-Dichloropropane

Concen: 5.092 ug/L

RT: 6.092 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

Instrument :

MSVOA_V

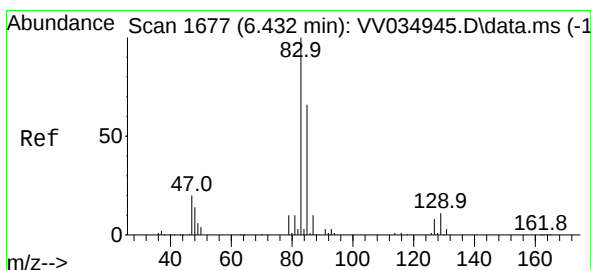
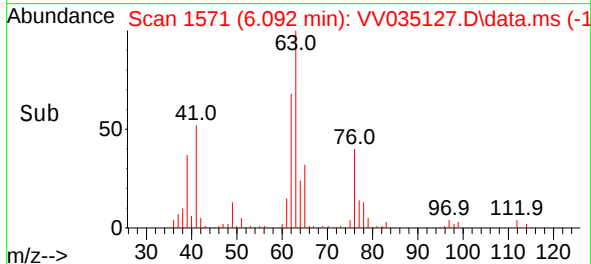
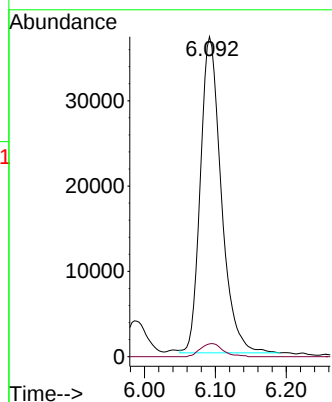
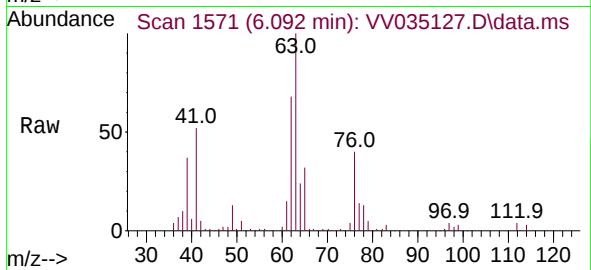
ClientSampleId :

Tgt Ion: 63 Resp: 75886

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 5.186 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

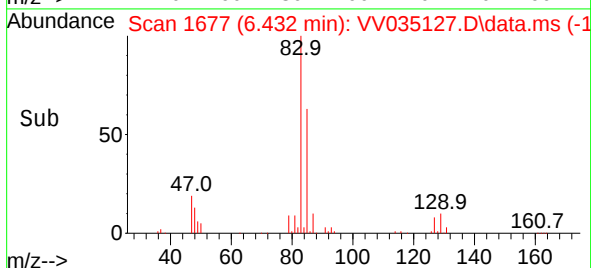
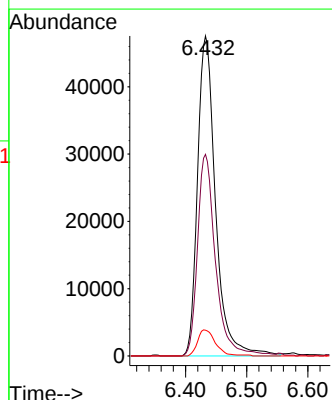
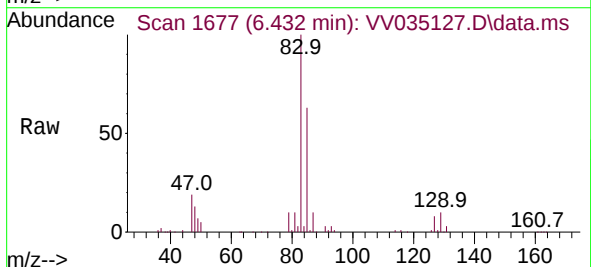
Tgt Ion: 83 Resp: 97496

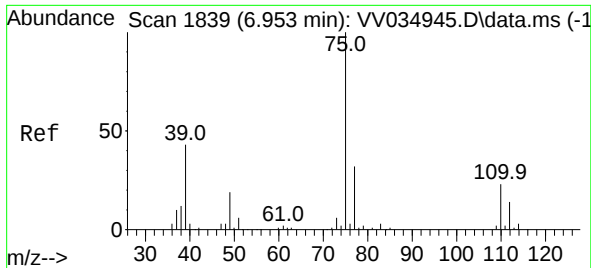
Ion Ratio Lower Upper

83 100

85 63.0 43.6 81.0

127 8.1 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 5.268 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.000 min

Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

Instrument :

MSVOA_V

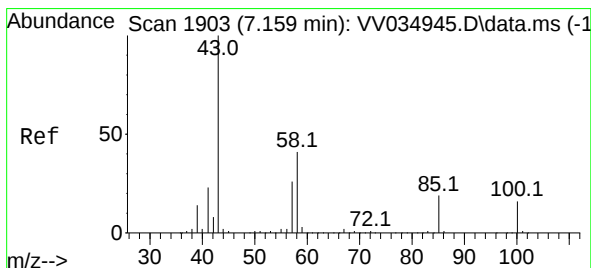
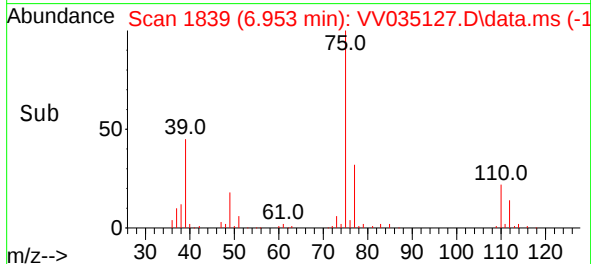
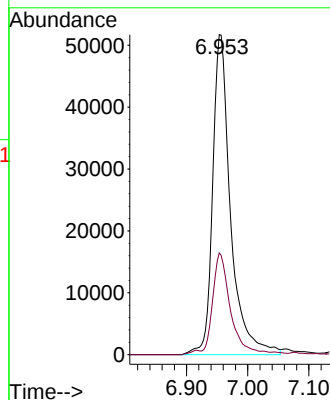
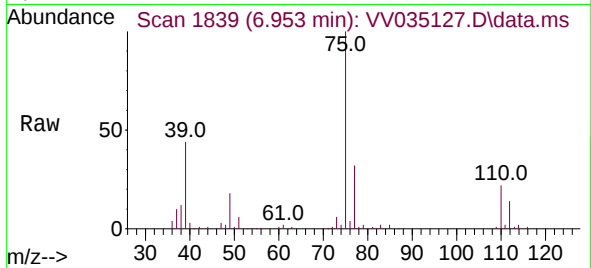
ClientSampleId :

Tgt Ion: 75 Resp: 105458

Ion Ratio Lower Upper

75 100

77 31.8 20.6 38.4



#40

4-Methyl-2-pentanone

Concen: 58.324 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

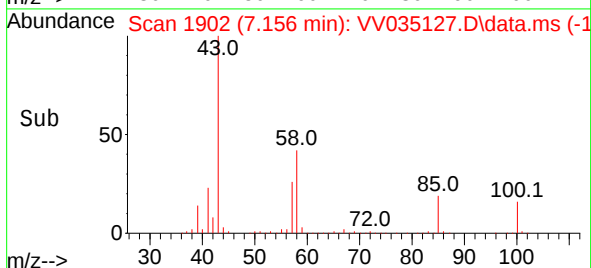
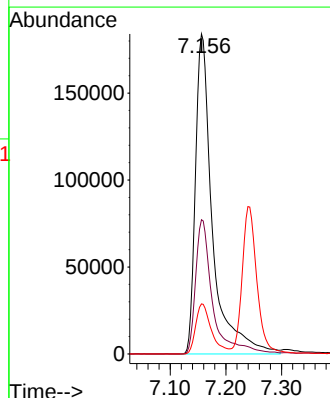
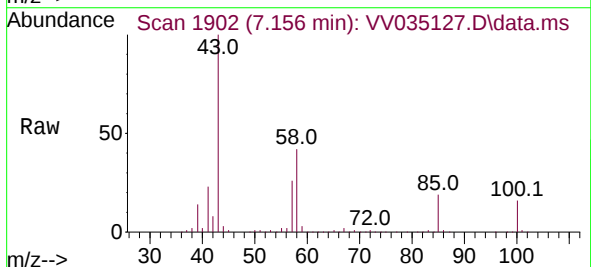
Tgt Ion: 43 Resp: 392184

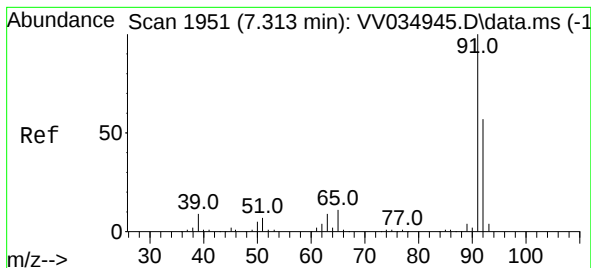
Ion Ratio Lower Upper

43 100

58 42.0 33.8 50.6

100 14.5 11.9 17.9





#42

Toluene

Concen: 4.995 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

Instrument :

MSVOA_V

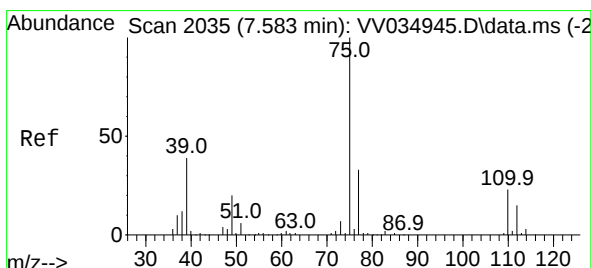
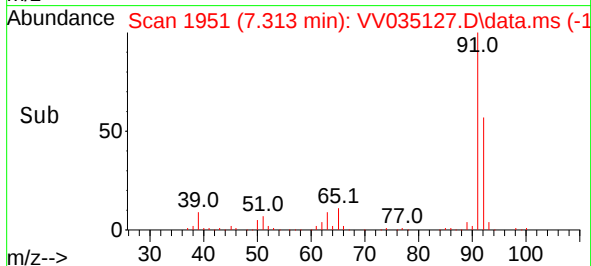
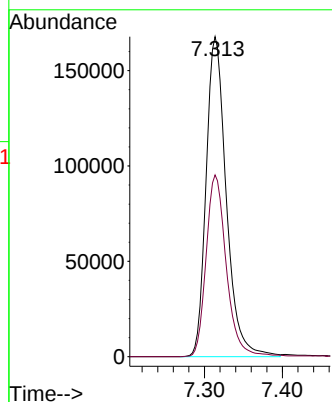
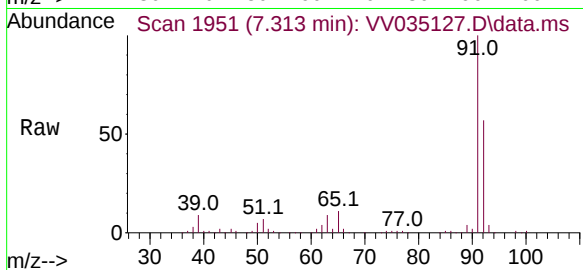
ClientSampleId :

Tgt Ion: 91 Resp: 301768

Ion Ratio Lower Upper

91 100

92 56.8 38.9 72.2



#44

trans-1,3-Dichloropropene

Concen: 5.364 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV035127.D

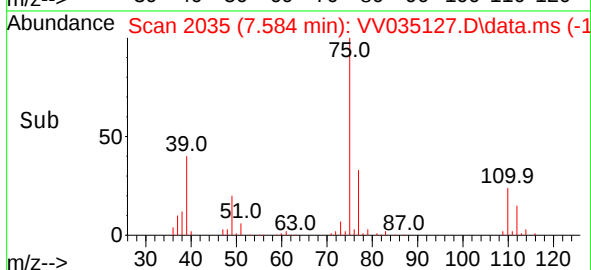
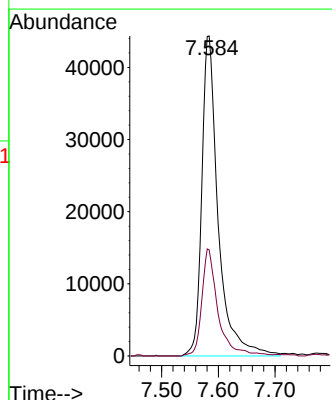
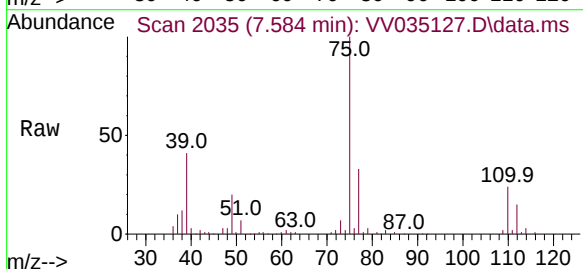
Acq: 11 Apr 2024 15:24

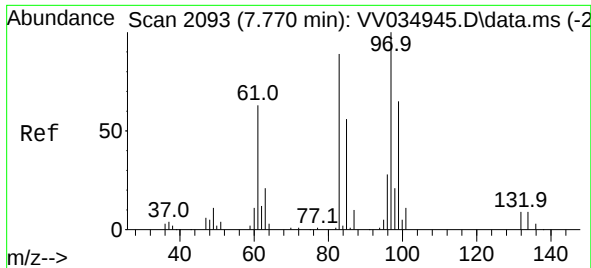
Tgt Ion: 75 Resp: 89014

Ion Ratio Lower Upper

75 100

77 33.1 22.7 42.3

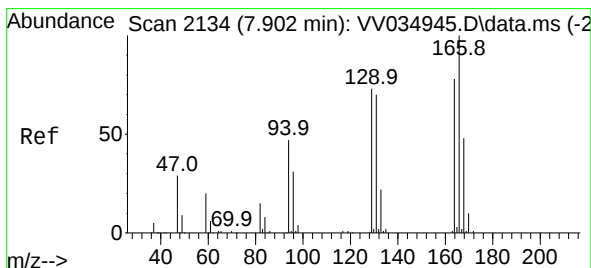
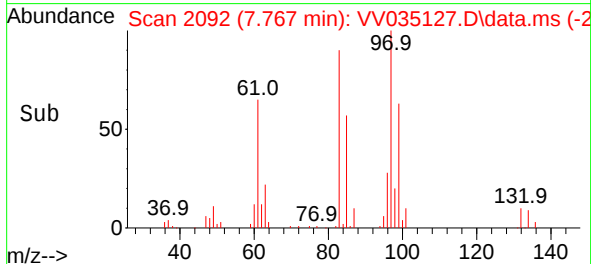
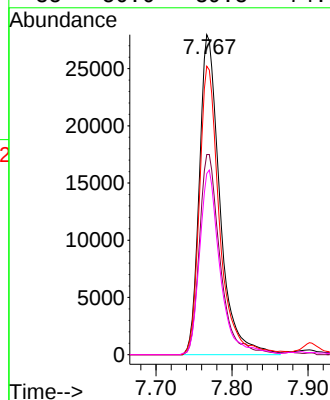
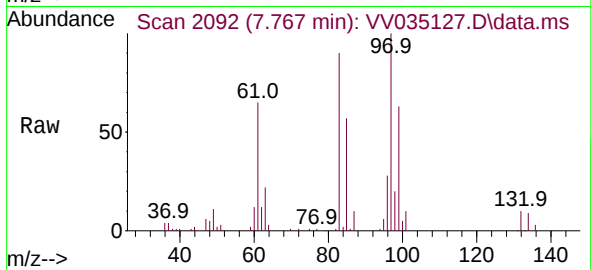




#45
1,1,2-Trichloroethane
Concen: 5.355 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.003 min
Lab File: VV035127.D
Acq: 11 Apr 2024 15:24

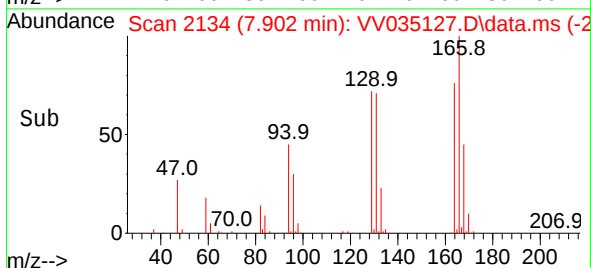
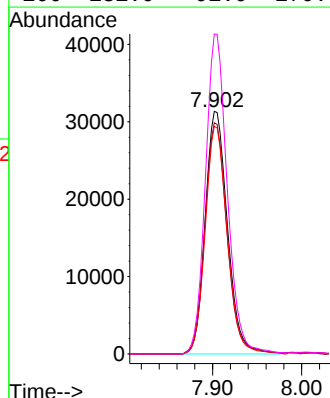
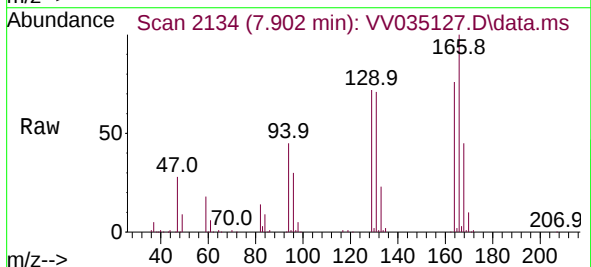
Instrument :
MSVOA_V
ClientSampleId :

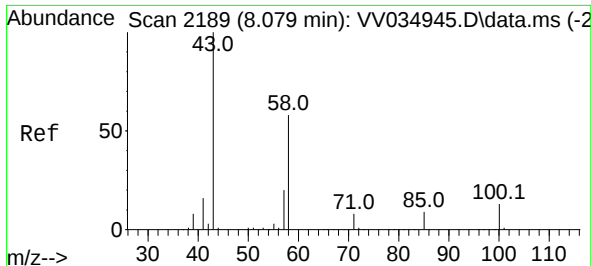
Tgt Ion:	97	Resp:	52436
Ion	Ratio	Lower	Upper
97	100		
99	62.5	44.5	82.7
83	90.1	63.2	117.4
85	56.6	39.8	74.0



#47
Tetrachloroethene
Concen: 4.831 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035127.D
Acq: 11 Apr 2024 15:24

Tgt Ion:	164	Resp:	54360
Ion	Ratio	Lower	Upper
164	100		
129	95.3	66.0	122.6
131	93.8	63.0	117.0
166	131.9	91.9	170.7





#48

2-Hexanone

Concen: 61.705 ug/L

RT: 8.076 min Scan# 2189

Delta R.T. -0.003 min

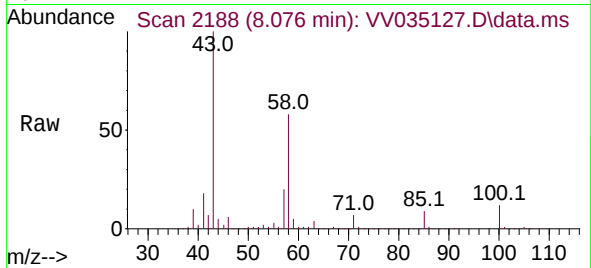
Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 313230

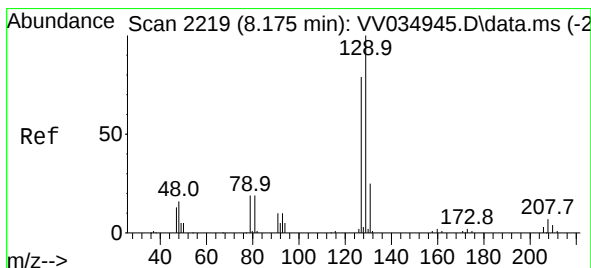
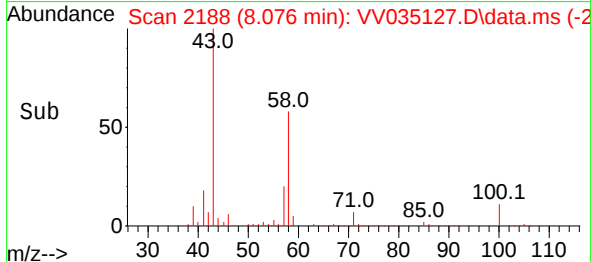
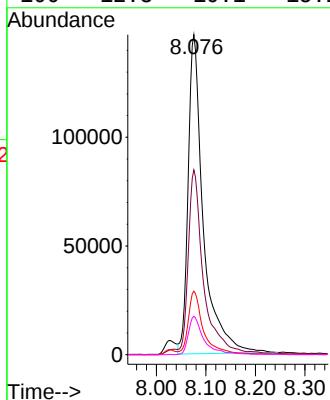
Ion Ratio Lower Upper

43 100

58 55.5 48.2 72.4

57 19.8 15.6 23.4

100 12.3 10.1 15.1



#49

Dibromochloromethane

Concen: 5.236 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.000 min

Lab File: VV035127.D

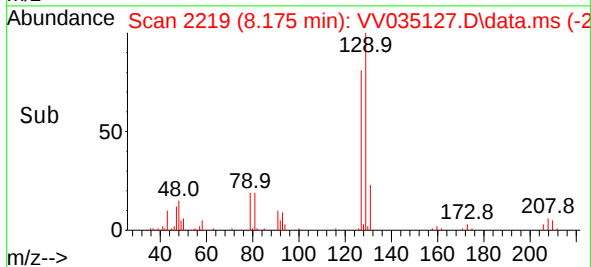
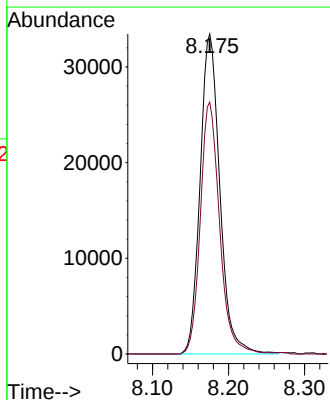
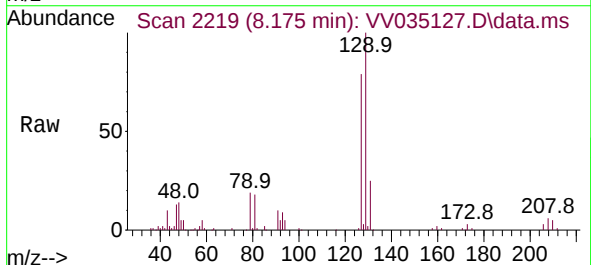
Acq: 11 Apr 2024 15:24

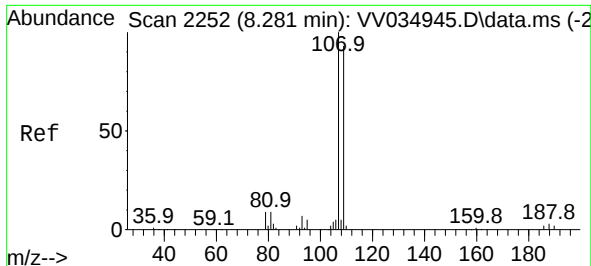
Tgt Ion: 129 Resp: 60352

Ion Ratio Lower Upper

129 100

127 78.7 56.4 104.7

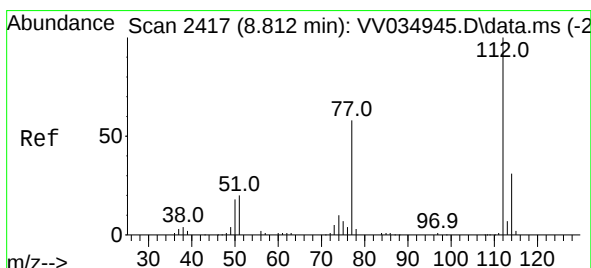
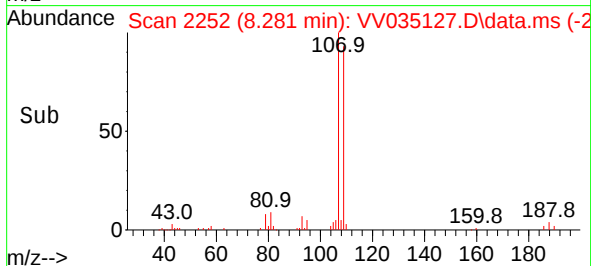
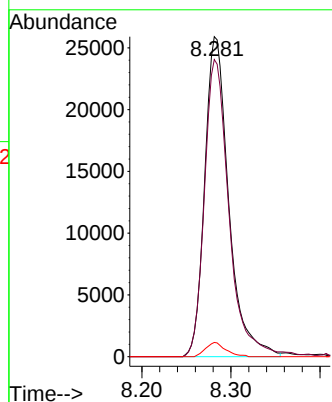
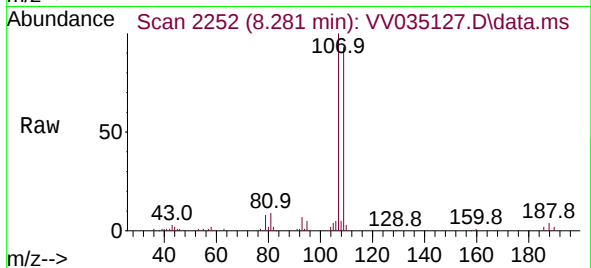




#50
1,2-Dibromoethane
Concen: 5.268 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035127.D
Acq: 11 Apr 2024 15:24

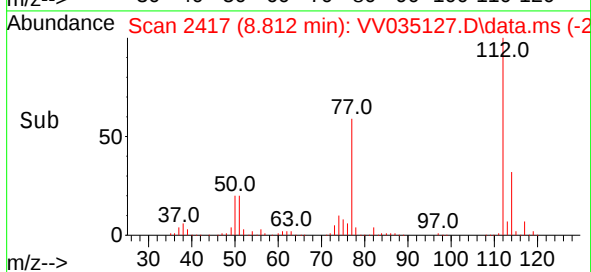
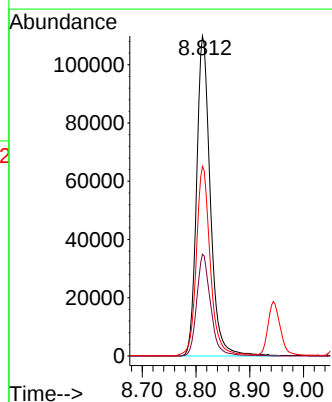
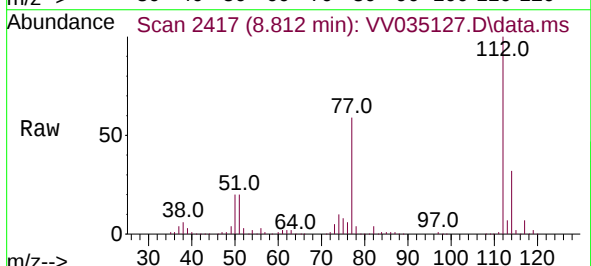
Instrument :
MSVOA_V
ClientSampleId :

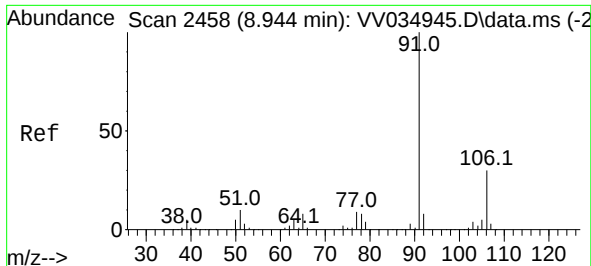
Tgt Ion:107 Resp: 48562
Ion Ratio Lower Upper
107 100
109 92.9 66.1 122.8
188 4.5 3.2 4.8



#51
Chlorobenzene
Concen: 4.991 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035127.D
Acq: 11 Apr 2024 15:24

Tgt Ion:112 Resp: 194830
Ion Ratio Lower Upper
112 100
114 31.8 21.9 40.7
77 59.3 47.4 71.2





#52

Ethylbenzene

Concen: 4.950 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

Instrument :

MSVOA_V

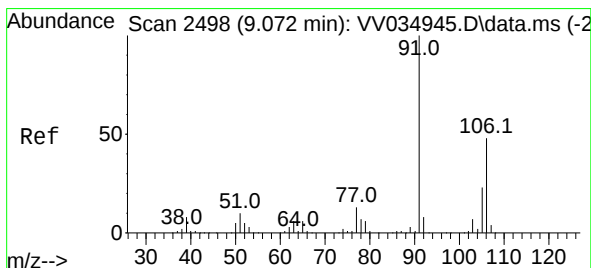
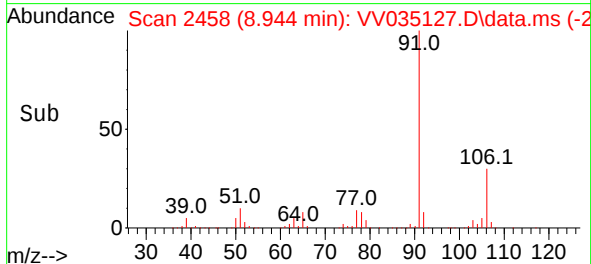
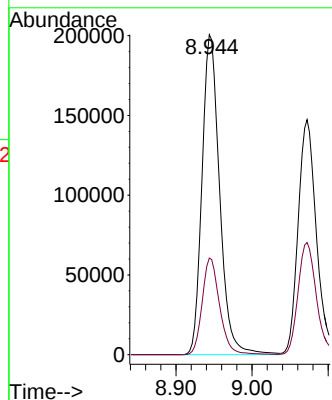
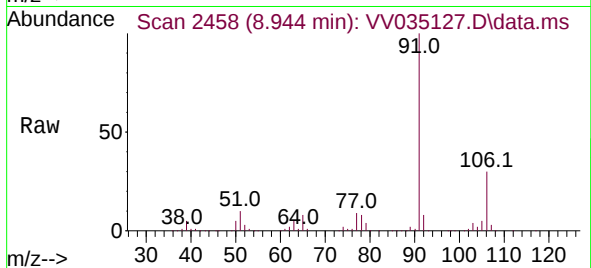
ClientSampleId :

Tgt Ion: 91 Resp: 323032

Ion Ratio Lower Upper

91 100

106 30.2 21.2 39.4



#53

m,p-Xylene

Concen: 4.916 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.000 min

Lab File: VV035127.D

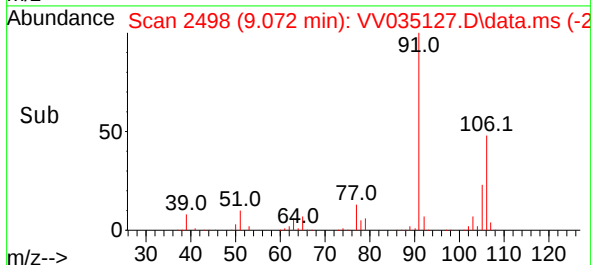
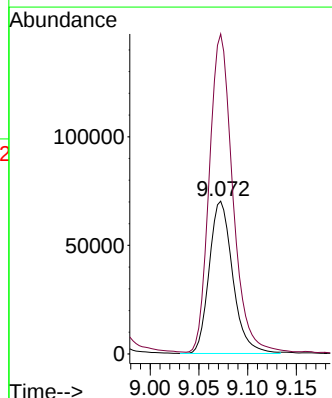
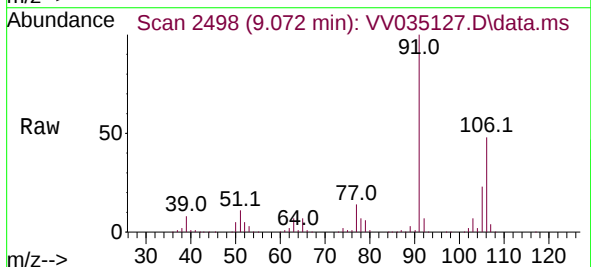
Acq: 11 Apr 2024 15:24

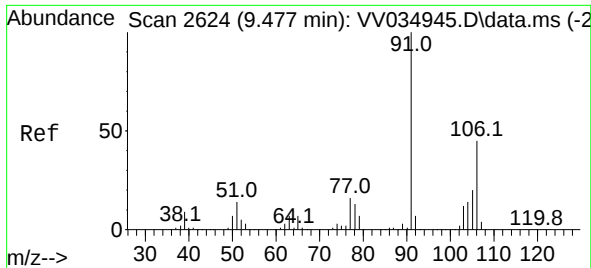
Tgt Ion: 106 Resp: 117805

Ion Ratio Lower Upper

106 100

91 209.5 145.7 270.7

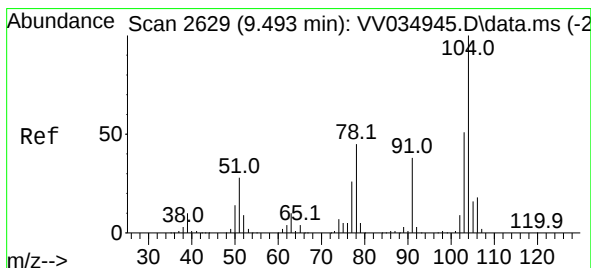
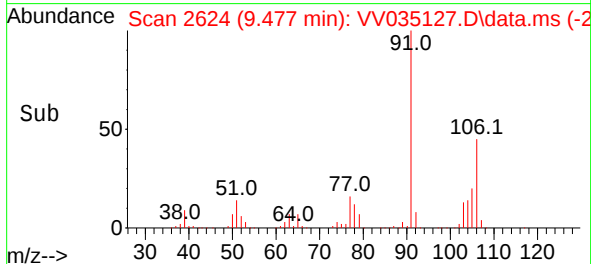
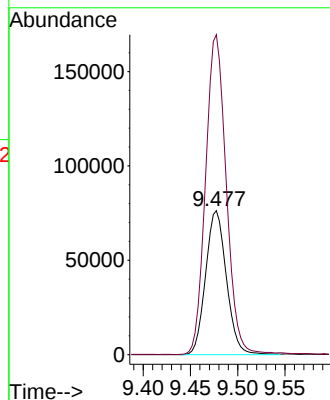
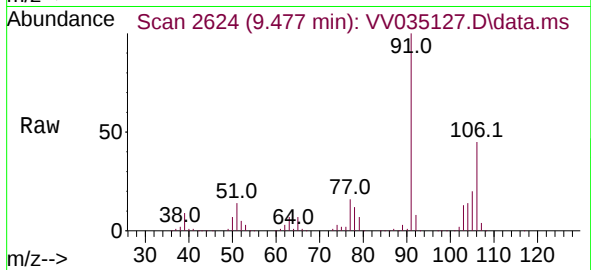




#54
o-Xylene
Concen: 4.980 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV035127.D
Acq: 11 Apr 2024 15:24

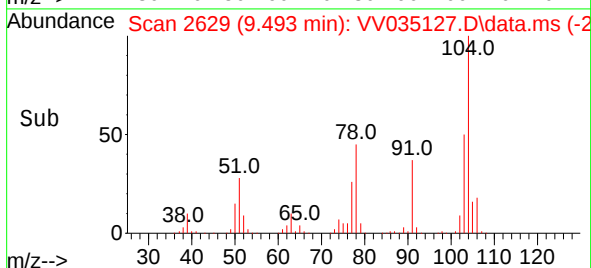
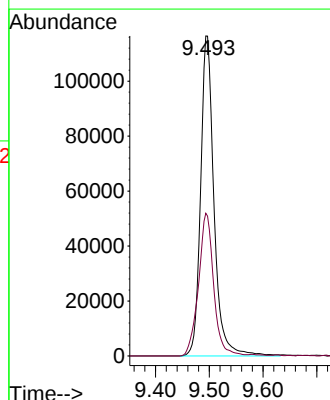
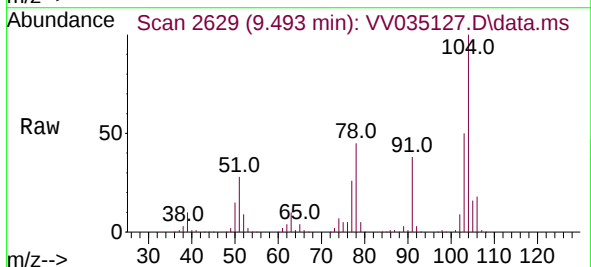
Instrument :
MSVOA_V
ClientSampleId :

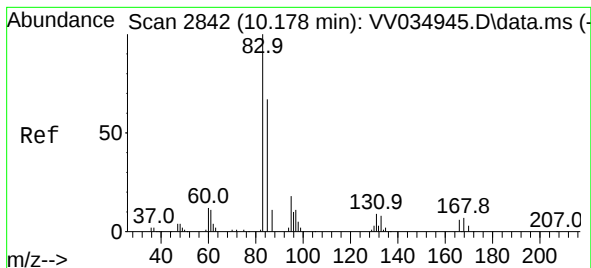
Tgt Ion:106 Resp: 117088
Ion Ratio Lower Upper
106 100
91 222.2 151.2 280.8



#55
Styrene
Concen: 5.340 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035127.D
Acq: 11 Apr 2024 15:24

Tgt Ion:104 Resp: 201870
Ion Ratio Lower Upper
104 100
78 44.6 30.9 57.5

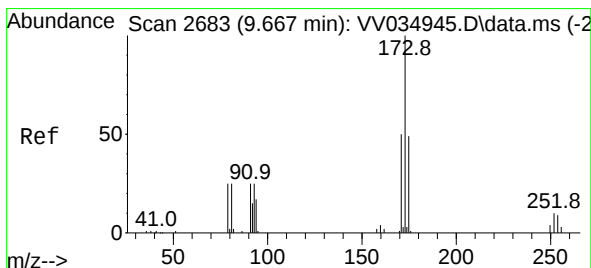
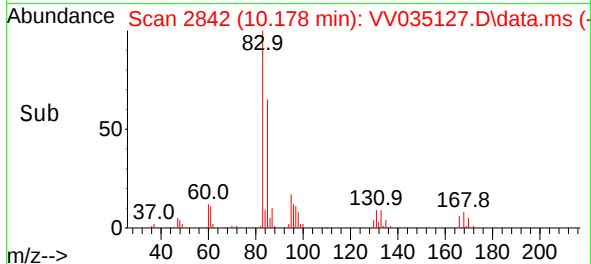
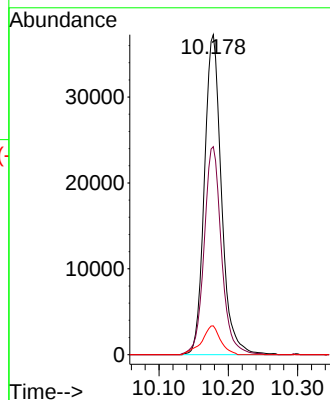
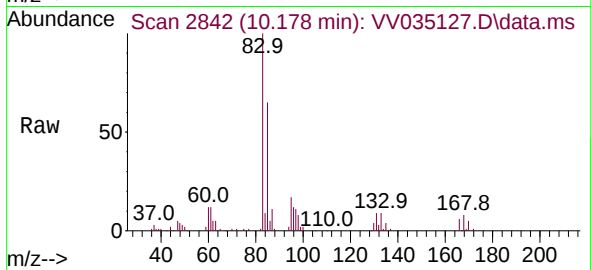




#57
1,1,2,2-Tetrachloroethane
Concen: 5.439 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV035127.D
Acq: 11 Apr 2024 15:24

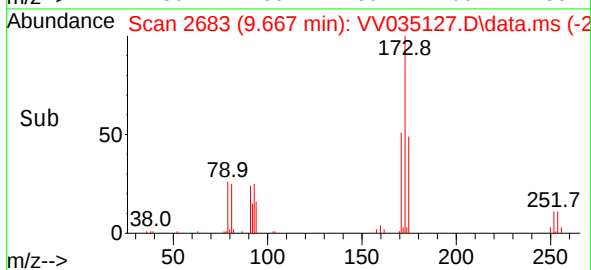
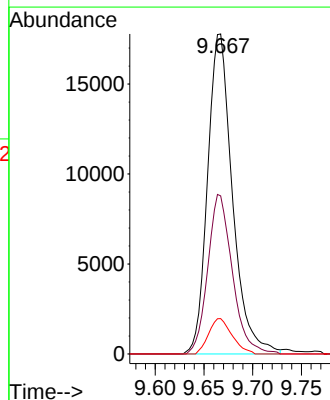
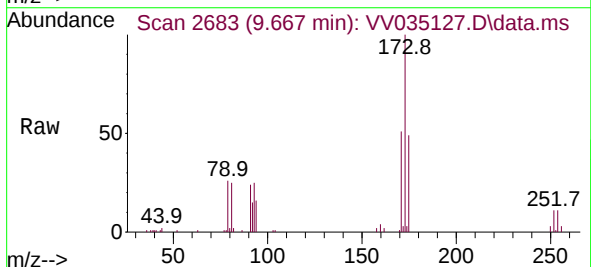
Instrument :
MSVOA_V
ClientSampleId :

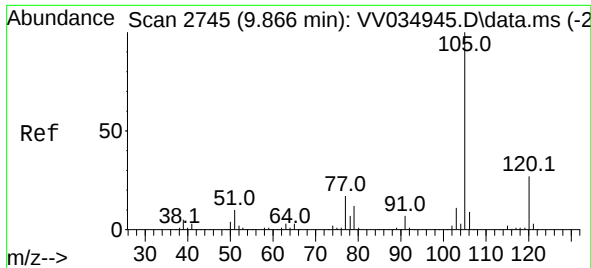
Tgt Ion: 83 Resp: 63657
Ion Ratio Lower Upper
83 100
85 65.0 45.7 84.9
131 9.0 7.6 11.4



#59
Bromoform
Concen: 5.275 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV035127.D
Acq: 11 Apr 2024 15:24

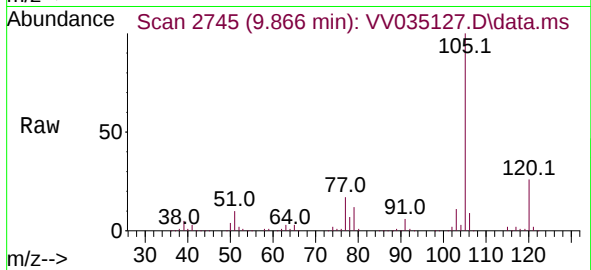
Tgt Ion: 173 Resp: 31602
Ion Ratio Lower Upper
173 100
175 49.2 37.8 56.8
254 10.3 7.8 11.6



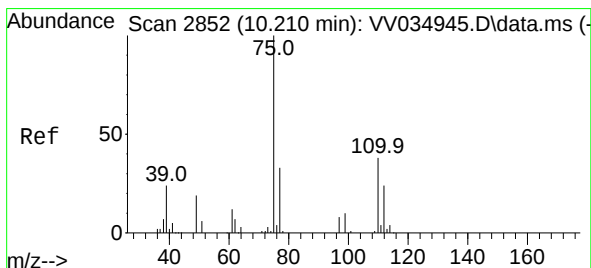
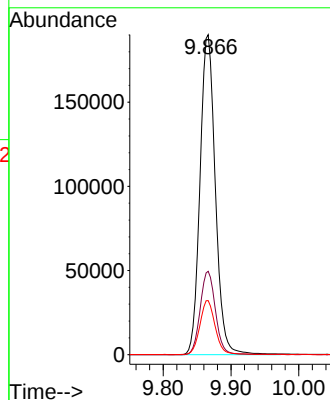
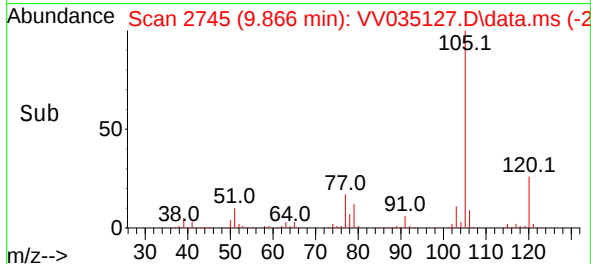


#60
Isopropylbenzene
Concen: 4.962 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035127.D
Acq: 11 Apr 2024 15:24

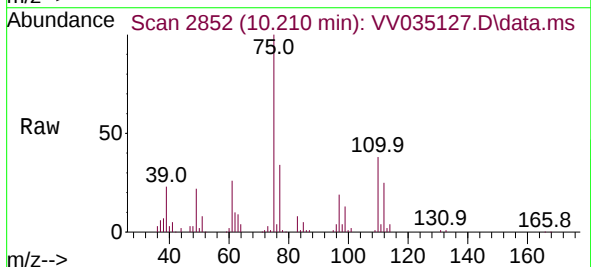
Instrument :
MSVOA_V
ClientSampleId :



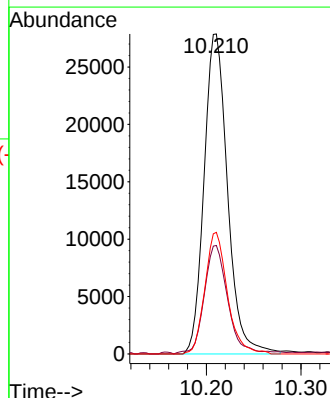
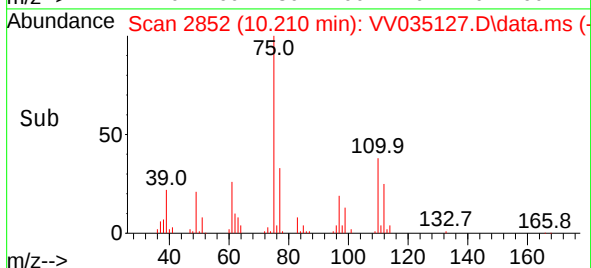
Tgt Ion:105 Resp: 298884
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.4
77 17.0 13.4 20.2

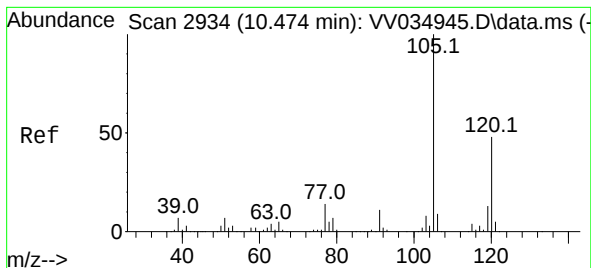


#61
1,2,3-Trichloropropane
Concen: 5.356 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV035127.D
Acq: 11 Apr 2024 15:24



Tgt Ion: 75 Resp: 48192
Ion Ratio Lower Upper
75 100
77 33.5 24.8 37.2
110 36.4 31.0 46.6





#62

1,3,5-Trimethylbenzene

Concen: 4.821 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

Instrument :

MSVOA_V

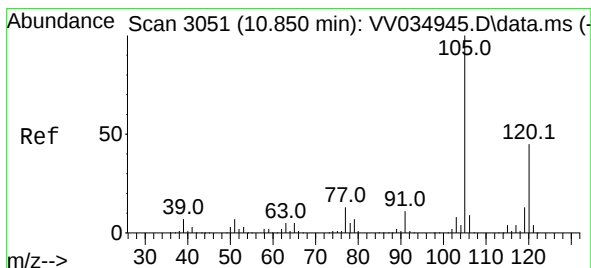
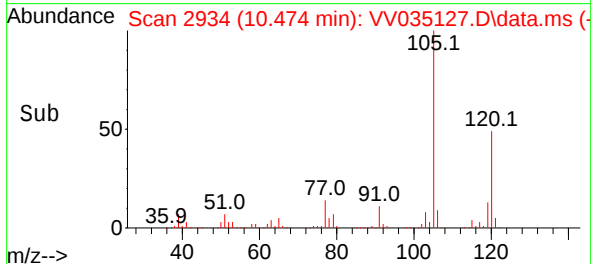
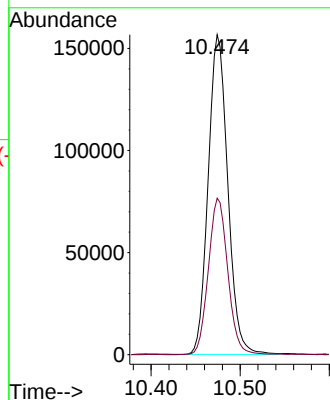
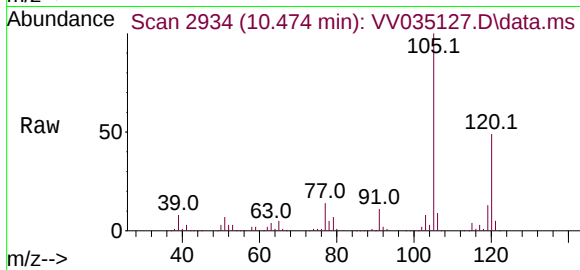
ClientSampleId :

Tgt Ion:105 Resp: 238568

Ion Ratio Lower Upper

105 100

120 48.8 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 4.986 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035127.D

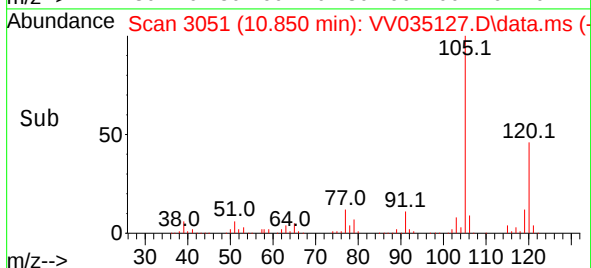
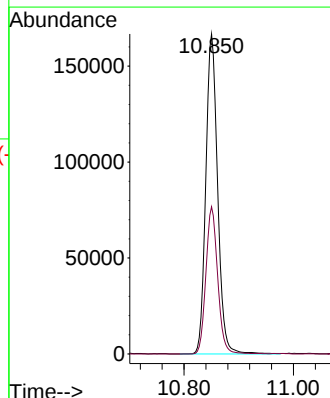
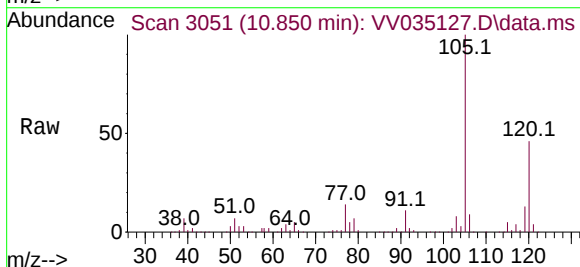
Acq: 11 Apr 2024 15:24

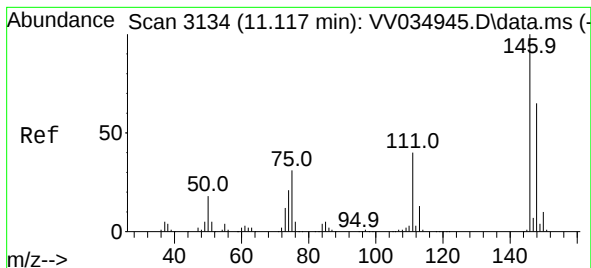
Tgt Ion:105 Resp: 250307

Ion Ratio Lower Upper

105 100

120 45.7 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 4.996 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

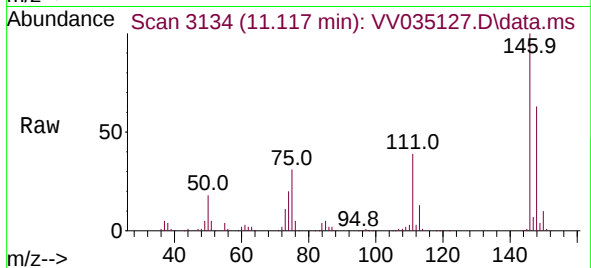
Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

Instrument :

MSVOA_V

ClientSampleId :



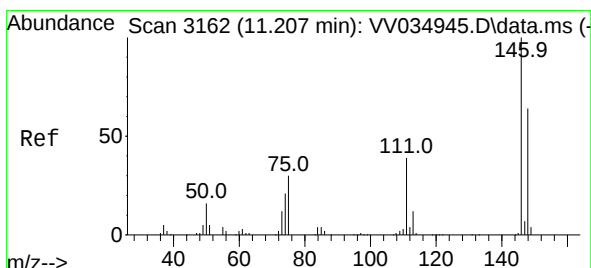
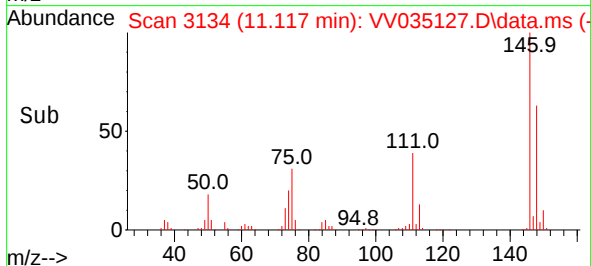
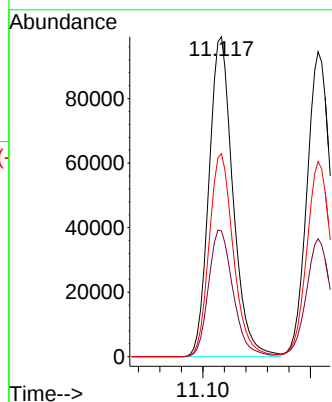
Tgt Ion:146 Resp: 153592

Ion Ratio Lower Upper

146 100

111 39.3 27.7 51.5

148 63.5 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 4.869 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

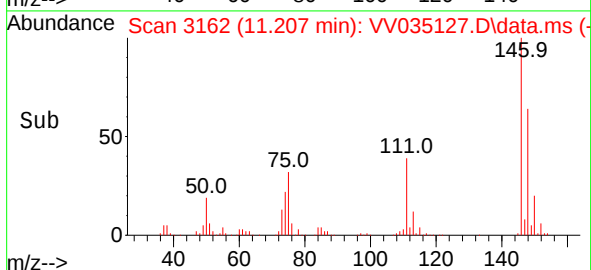
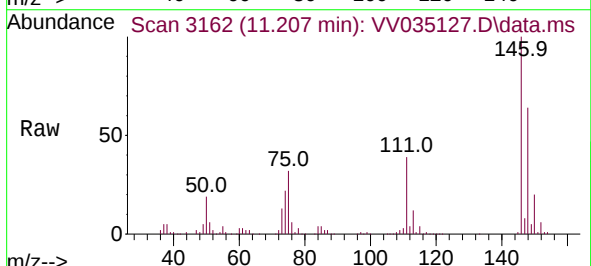
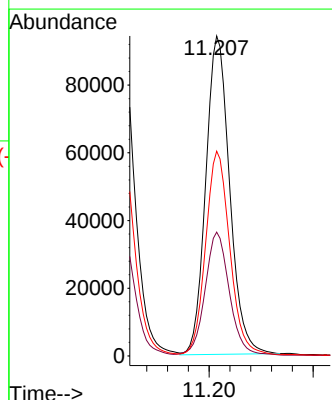
Tgt Ion:146 Resp: 149914

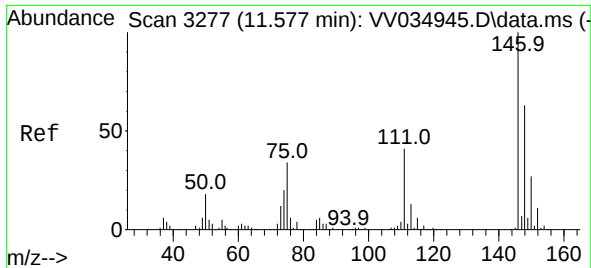
Ion Ratio Lower Upper

146 100

111 38.7 27.3 50.7

148 64.0 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 5.133 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

Instrument :

MSVOA_V

ClientSampleId :

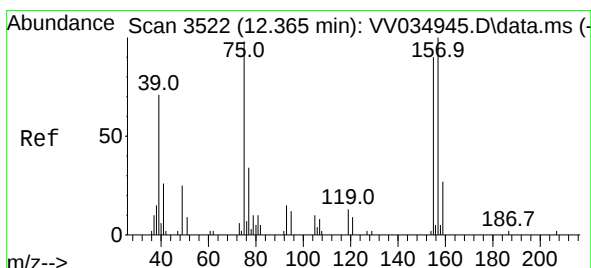
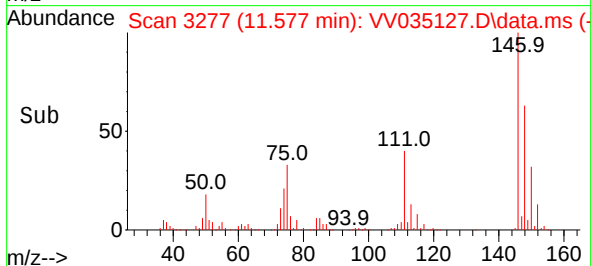
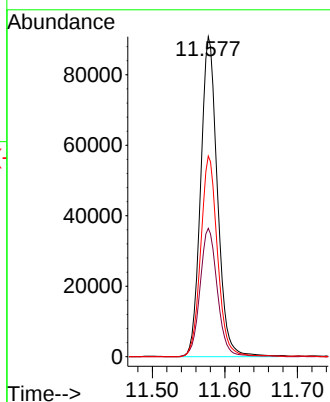
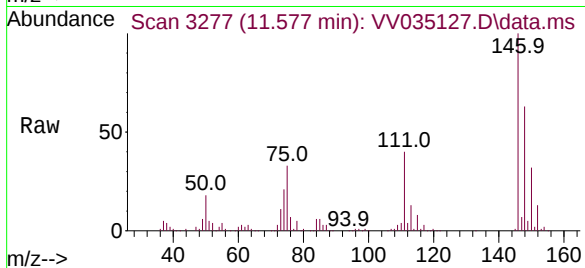
Tgt Ion:146 Resp: 145770

Ion Ratio Lower Upper

146 100

111 40.1 33.9 50.9

148 62.7 49.3 73.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.166 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

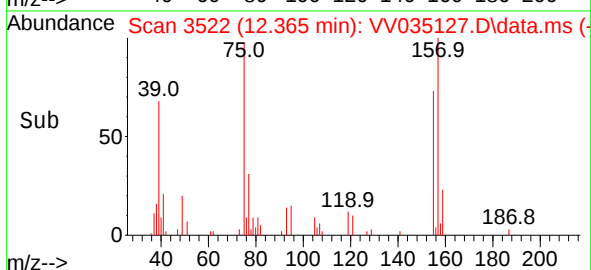
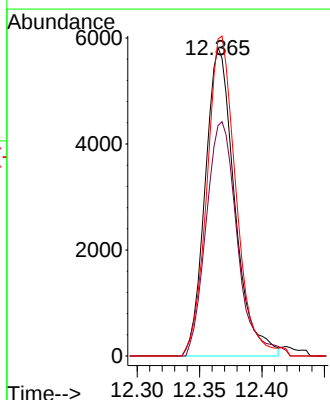
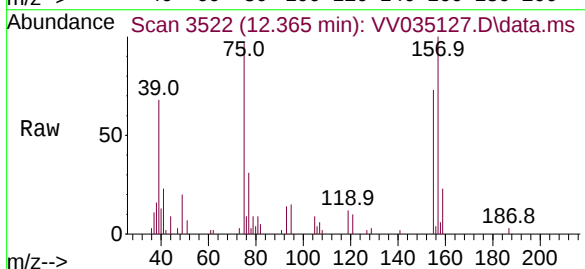
Tgt Ion: 75 Resp: 9555

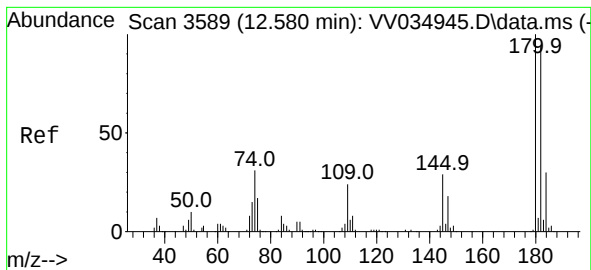
Ion Ratio Lower Upper

75 100

155 74.7 63.4 95.0

157 102.8 78.6 117.8





#69

1,3,5-Trichlorobenzene

Concen: 5.032 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

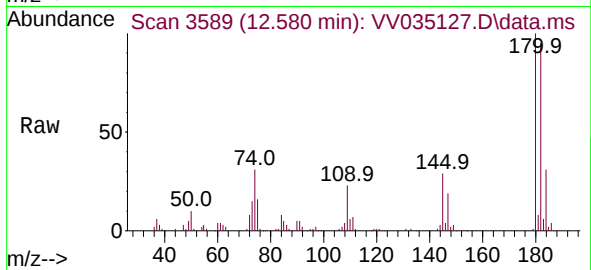
Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 116144

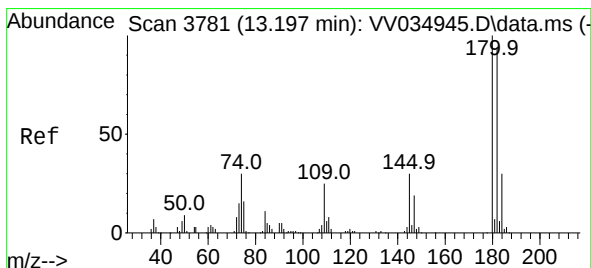
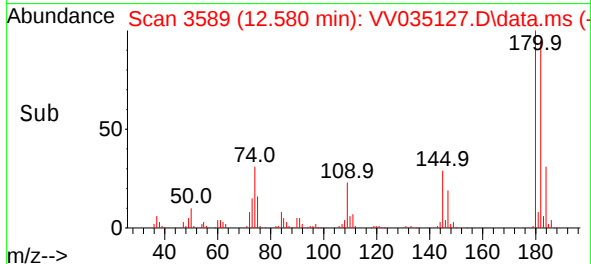
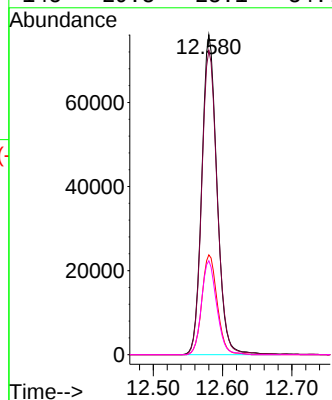
Ion Ratio Lower Upper

180 100

182 97.0 77.3 115.9

184 31.3 24.1 36.1

145 29.3 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 5.421 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

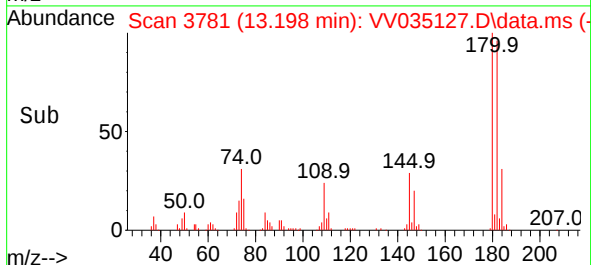
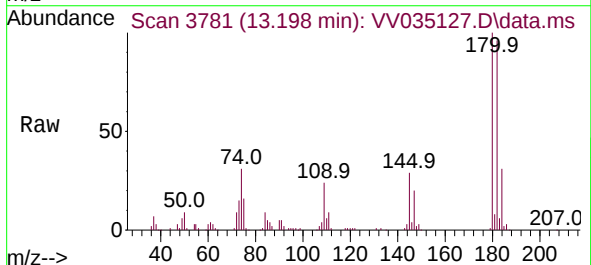
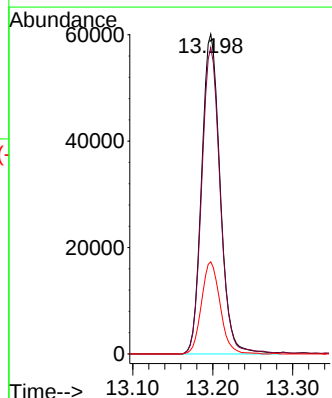
Tgt Ion:180 Resp: 97206

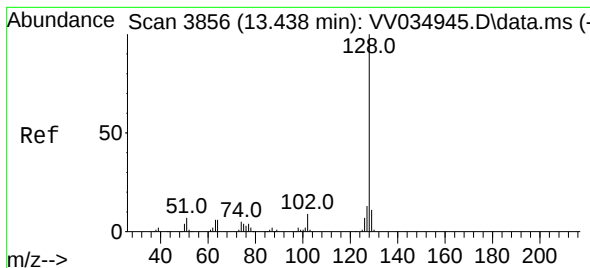
Ion Ratio Lower Upper

180 100

182 95.7 75.3 112.9

145 29.0 23.4 35.0





#71

Naphthalene

Concen: 5.852 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

Instrument :

MSVOA_V

ClientSampleId :

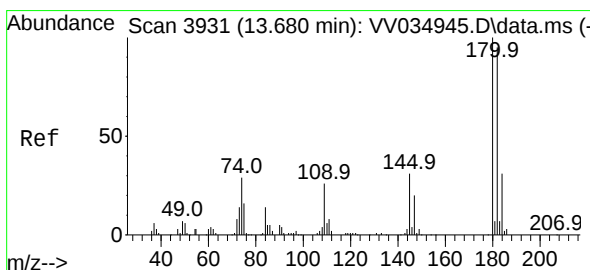
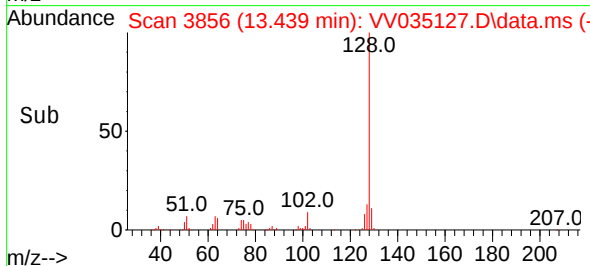
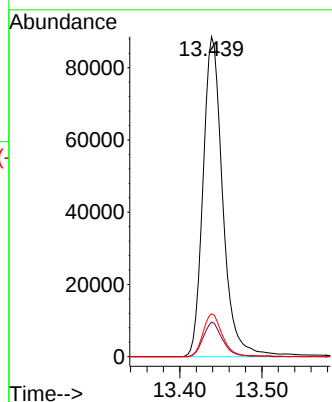
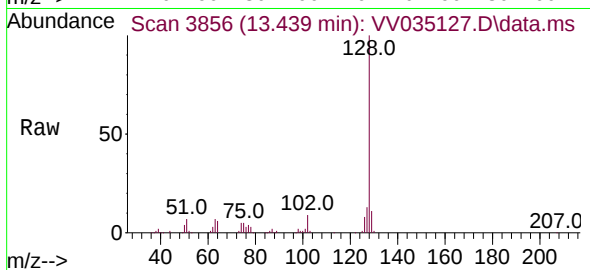
Tgt Ion:128 Resp: 147462

Ion Ratio Lower Upper

128 100

129 10.5 8.6 12.8

127 13.3 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 5.593 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV035127.D

Acq: 11 Apr 2024 15:24

Tgt Ion:180 Resp: 88199

Ion Ratio Lower Upper

180 100

182 95.6 77.0 115.4

145 31.8 25.4 38.2

