

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
 Data File : VV037345.D
 Acq On : 18 Sep 2024 19:43
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 01:26:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 01:19:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	334152	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	335941	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	178228	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	70914	3.617	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.529	69	82752	4.049	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.053	65	37863	3.740	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	3.802	46	274713	46.890	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.780%
24) Chloroform-d	4.243	84	214466	4.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	4.940	65	99017	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	4.953	84	390741	4.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	5.985	67	125481	4.480	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.236	98	345601	4.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.555	79	34651	3.761	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.024	63	221751	49.260	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.520%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	109157	4.781	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	135795	4.286	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	145244	4.679	ug/L	99
3) Chloromethane	1.214	50	145329	4.388	ug/L	99
5) Vinyl chloride	1.281	62	152062	4.672	ug/L	92
6) Bromomethane	1.487	94	73411	3.759	ug/L	97
8) Chloroethane	1.548	64	97410	4.977	ug/L	94
9) Trichlorofluoromethane	1.709	101	199955	4.938	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	117894	4.808	ug/L	98
12) 1,1-Dichloroethene	2.066	96	112952	4.824	ug/L	96
13) Acetone	2.134	43	187958	46.076	ug/L	96
14) Carbon disulfide	2.236	76	345742	4.683	ug/L	100
15) Methyl Acetate	2.384	43	44388	4.751	ug/L	99
16) Methylene chloride	2.442	84	129843	4.823	ug/L	98
17) Methyl tert-butyl Ether	2.699	73	267115	4.799	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	121018	4.912	ug/L	99
19) 1,1-Dichloroethane	3.108	63	230975	4.910	ug/L	98
21) 2-Butanone	3.883	43	273551	44.121	ug/L	93
22) cis-1,2-Dichloroethene	3.809	96	133200	5.001	ug/L	97
23) Bromochloromethane	4.146	128	57036	4.945	ug/L	99
25) Chloroform	4.268	83	233734	4.932	ug/L	98

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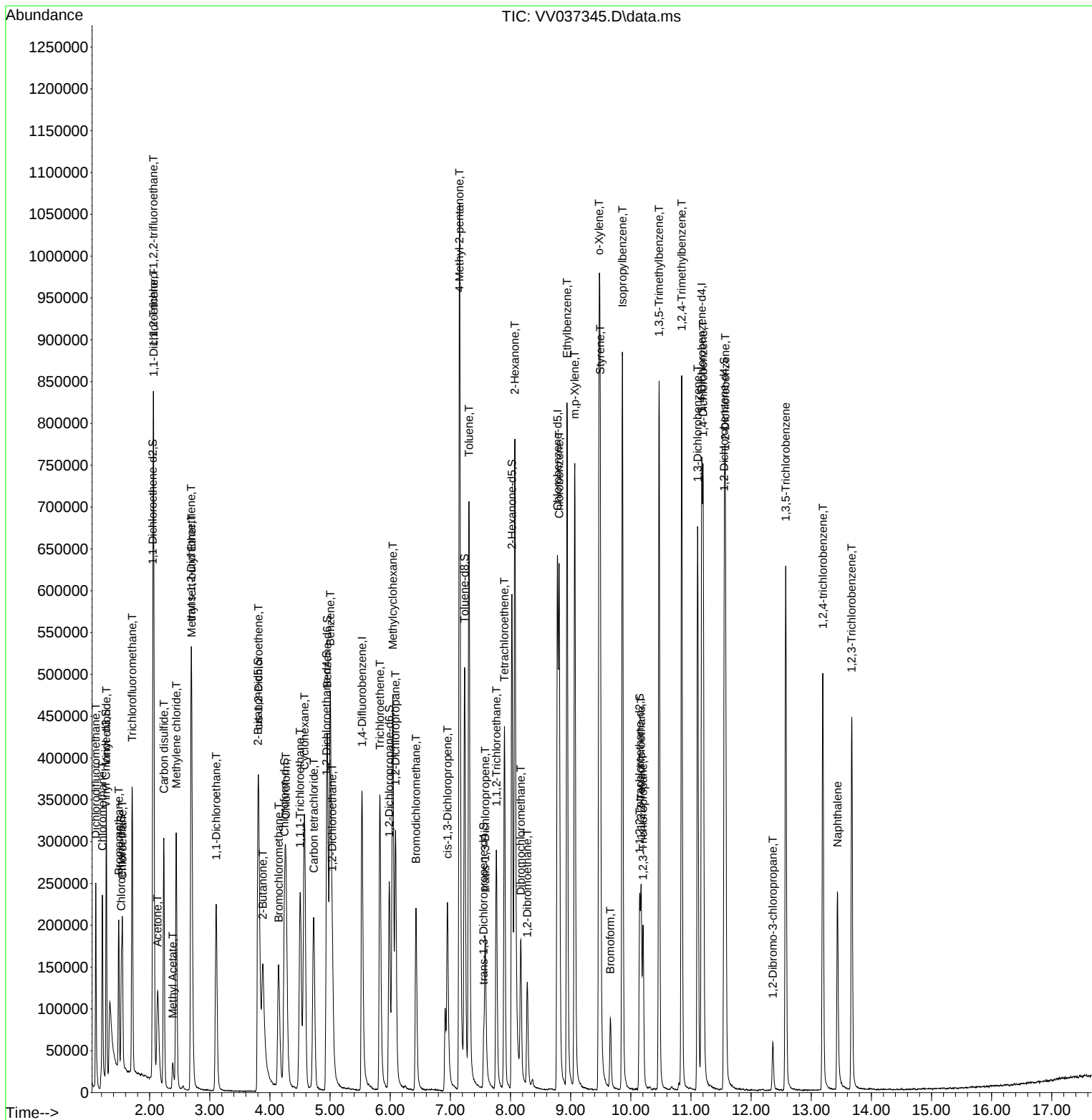
Instrument :
 MSVOA_V
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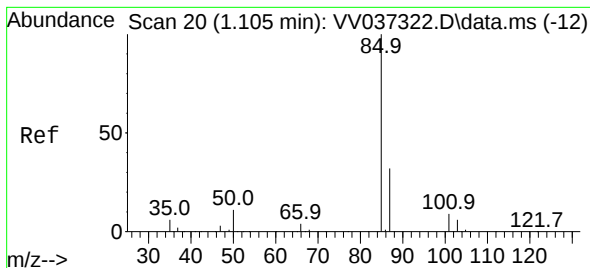
Quant Time: Sep 19 01:26:26 2024
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	137846	5.140	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	199963	5.020	ug/L	99
30) Cyclohexane	4.574	56	178303	4.614	ug/L	100
31) Carbon tetrachloride	4.728	117	161959	4.777	ug/L	97
33) Benzene	5.005	78	504494	4.984	ug/L	100
34) Trichloroethene	5.828	95	138857	5.091	ug/L	97
35) Methylcyclohexane	6.043	83	193089	4.657	ug/L	100
37) 1,2-Dichloropropane	6.088	63	127392	4.947	ug/L	99
38) Bromodichloromethane	6.429	83	156481	4.854	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	154914	4.153	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	743714	50.443	ug/L	99
42) Toluene	7.310	91	538087	5.110	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	116151	3.859	ug/L	94
45) 1,1,2-Trichloroethane	7.767	97	95055	5.157	ug/L	98
47) Tetrachloroethene	7.899	164	96763	4.957	ug/L	98
48) 2-Hexanone	8.072	43	531859	49.355	ug/L	99
49) Dibromochloromethane	8.172	129	88414	4.579	ug/L	97
50) 1,2-Dibromoethane	8.278	107	90125	5.175	ug/L	97
51) Chlorobenzene	8.808	112	346315	4.939	ug/L	99
52) Ethylbenzene	8.940	91	576987	4.910	ug/L	100
53) m,p-Xylene	9.069	106	217931	5.040	ug/L	99
54) o-Xylene	9.474	106	213105	4.979	ug/L	100
55) Styrene	9.493	104	374065	5.155	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	117375	5.271	ug/L	97
59) Bromoform	9.661	173	37684	3.614	ug/L	99
60) Isopropylbenzene	9.860	105	572779	4.801	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	81380	5.018	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	451004	4.768	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	460086	4.842	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	273693	4.853	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	274055	4.739	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	259541	4.964	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	14883	4.425	ug/L	95
69) 1,3,5-Trichlorobenzene	12.577	180	185756	4.619	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	152121	4.595	ug/L	99
71) Naphthalene	13.435	128	211240	4.175	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	132118	4.823	ug/L	97

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

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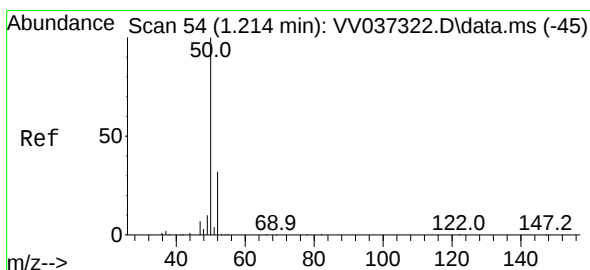
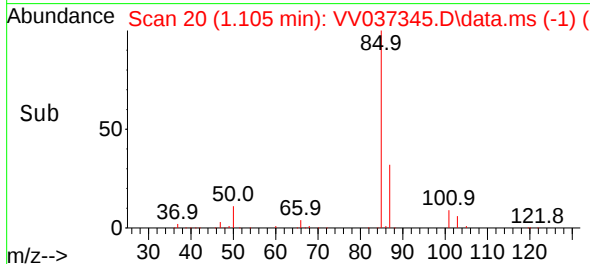
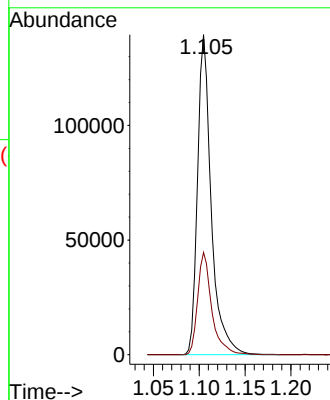
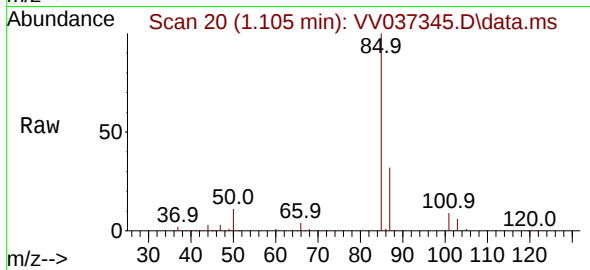




#2
 Dichlorodifluoromethane
 Concen: 4.679 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV037345.D
 Acq: 18 Sep 2024 19:43

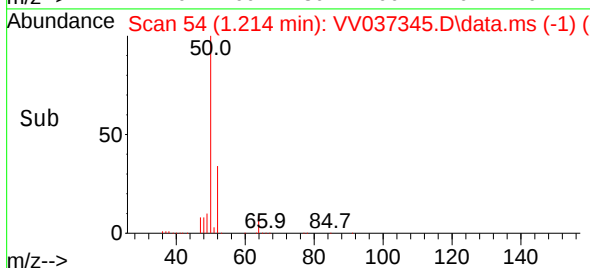
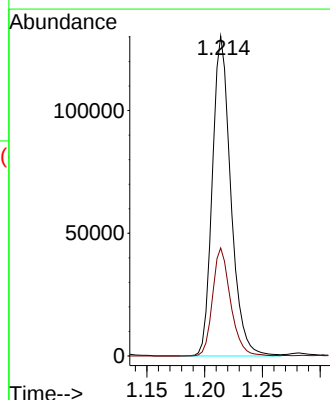
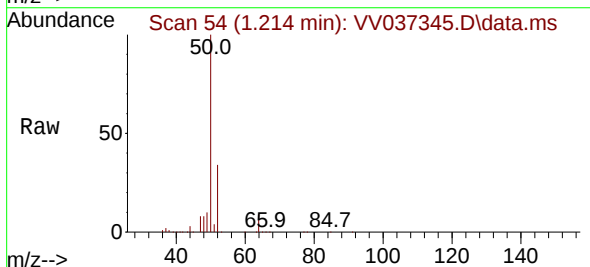
Instrument :
 MSVOA_V
 ClientSampleId :

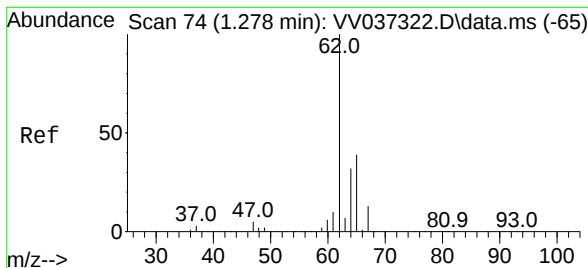
Tgt Ion: 85 Resp: 145244
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.8



#3
 Chloromethane
 Concen: 4.388 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV037345.D
 Acq: 18 Sep 2024 19:43

Tgt Ion: 50 Resp: 145329
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.3 43.3





#5

Vinyl chloride

Concen: 4.672 ug/L

RT: 1.281 min Scan# 74

Delta R.T. 0.003 min

Lab File: VV037345.D

Acq: 18 Sep 2024 19:43

Instrument :

MSVOA_V

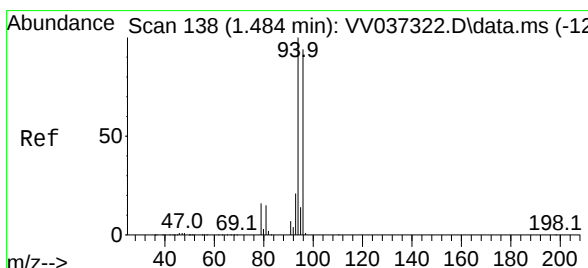
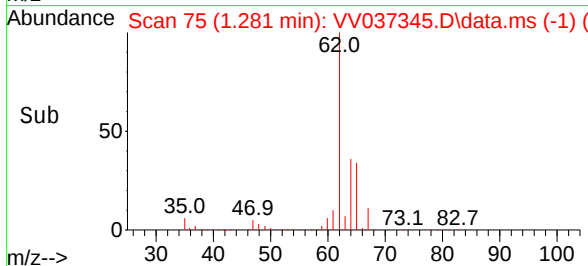
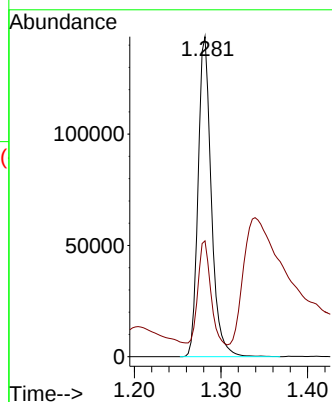
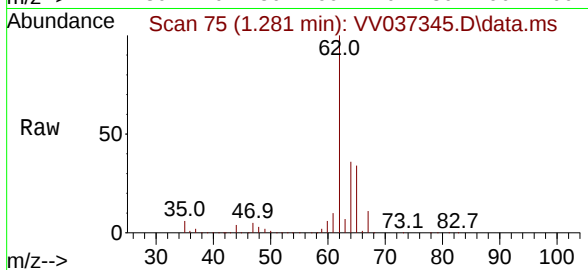
ClientSampleId :

Tgt Ion: 62 Resp: 152062

Ion Ratio Lower Upper

62 100

64 36.2 22.4 41.6



#6

Bromomethane

Concen: 3.759 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.003 min

Lab File: VV037345.D

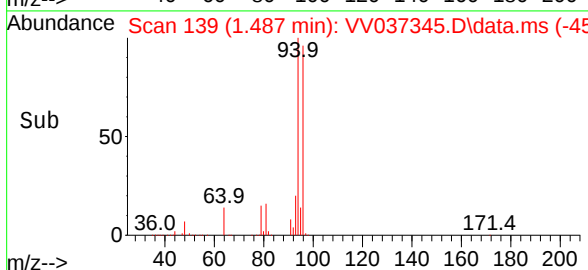
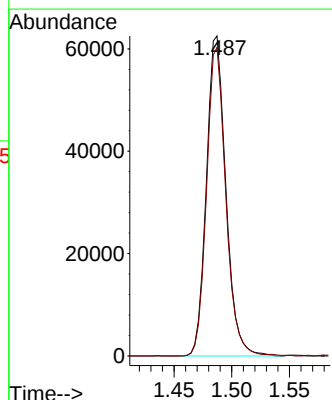
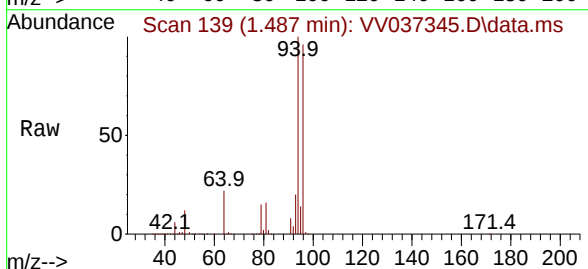
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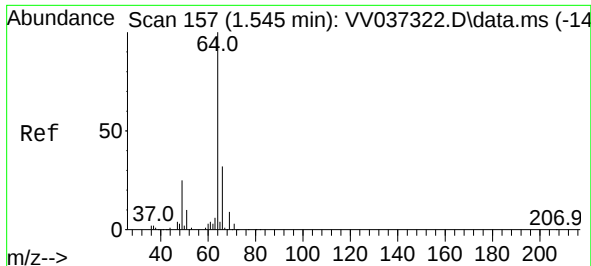
Tgt Ion: 94 Resp: 73411

Ion Ratio Lower Upper

94 100

96 96.4 65.3 121.3

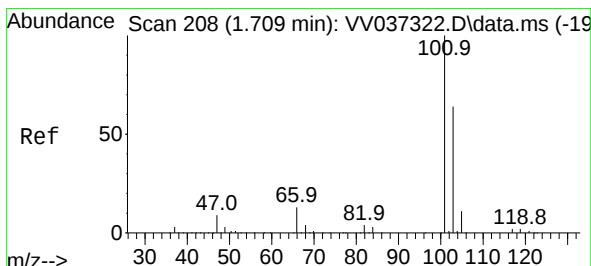
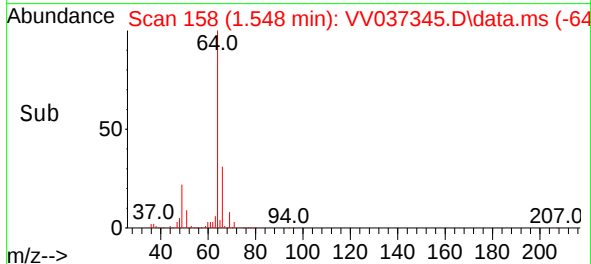
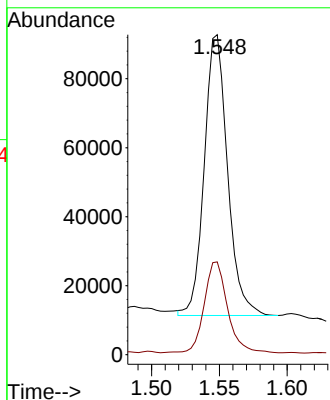
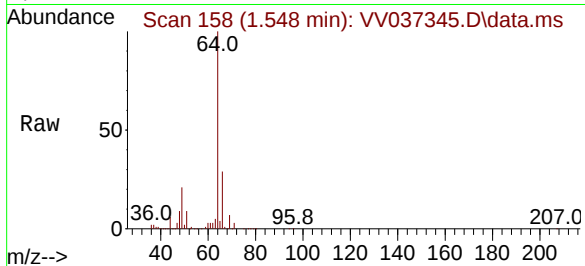




#8
Chloroethane
Concen: 4.977 ug/L
RT: 1.548 min Scan# 157
Delta R.T. 0.003 min
Lab File: VV037345.D
Acq: 18 Sep 2024 19:43

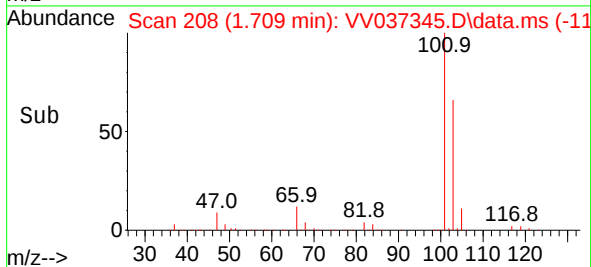
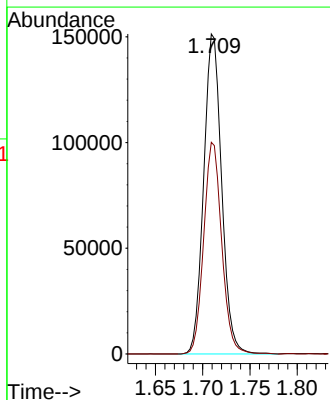
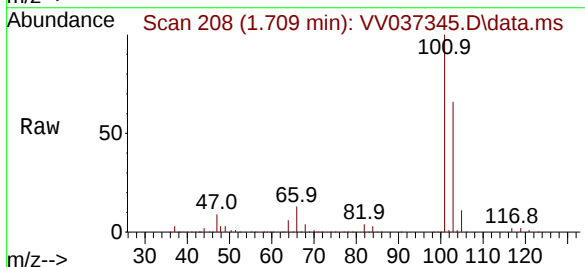
Instrument :
MSVOA_V
ClientSampleId :

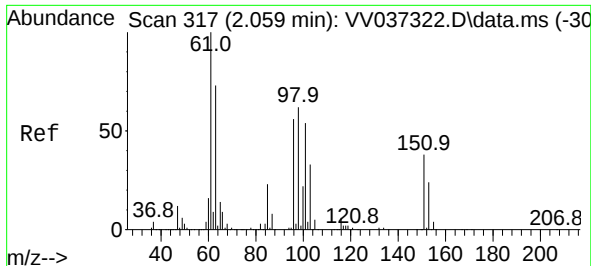
Tgt Ion: 64 Resp: 97410
Ion Ratio Lower Upper
64 100
66 29.0 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.938 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV037345.D
Acq: 18 Sep 2024 19:43

Tgt Ion:101 Resp: 199955
Ion Ratio Lower Upper
101 100
103 66.3 51.5 77.3





#10

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

Concen: 4.808 ug/L

RT: 2.063 min Scan# 317

Delta R.T. 0.003 min

Lab File: VV037345.D

Acq: 18 Sep 2024 19:43

Instrument :

MSVOA_V

ClientSampleId :

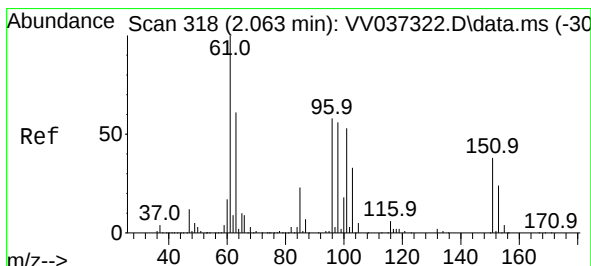
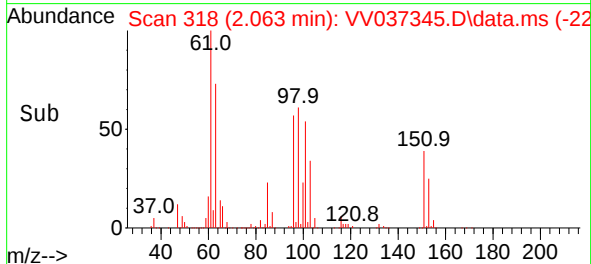
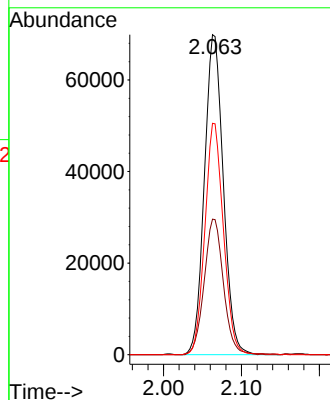
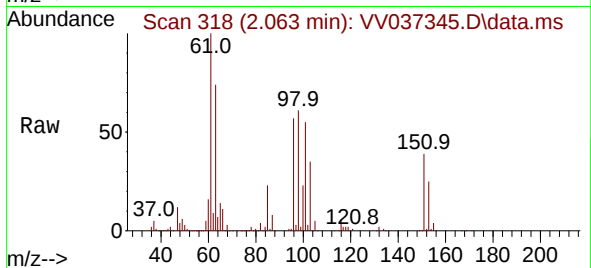
Tgt Ion:101 Resp: 117894

Ion Ratio Lower Upper

101 100

85 42.9 35.1 52.7

151 71.0 55.3 82.9



#12

1,1-Dichloroethene

Concen: 4.824 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV037345.D

Acq: 18 Sep 2024 19:43

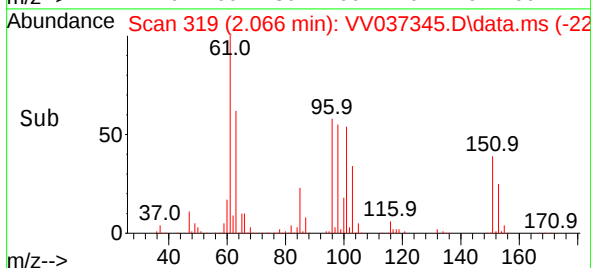
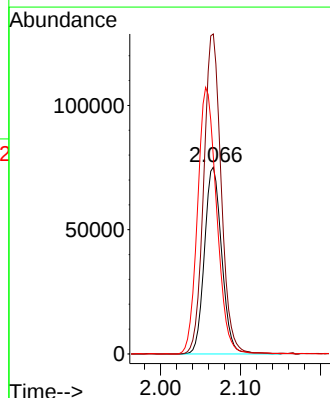
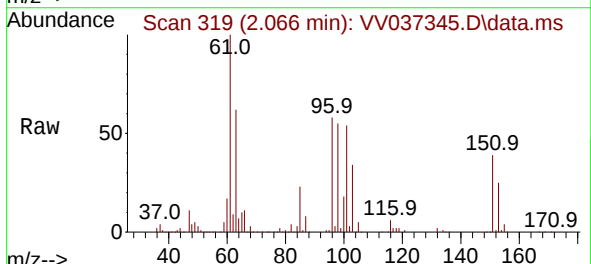
Tgt Ion: 96 Resp: 112952

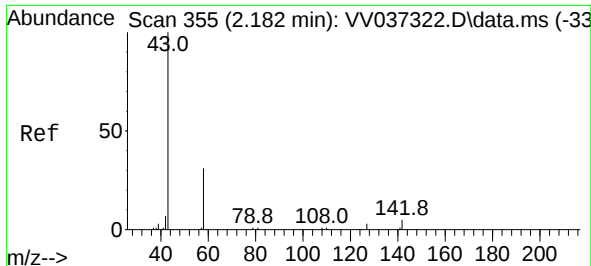
Ion Ratio Lower Upper

96 100

61 171.3 119.9 222.7

63 105.7 81.4 151.2





#13

Acetone

Concen: 46.076 ug/L

RT: 2.134 min Scan# 34

Delta R.T. -0.048 min

Lab File: VV037345.D

Acq: 18 Sep 2024 19:43

Instrument :

MSVOA_V

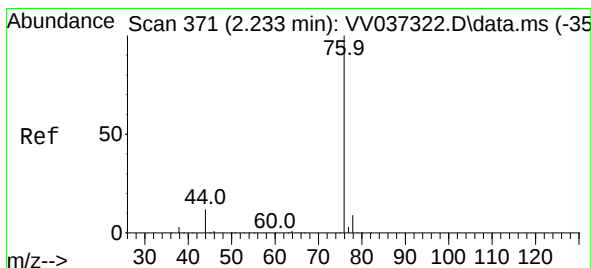
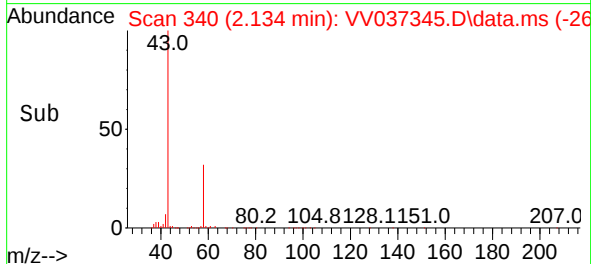
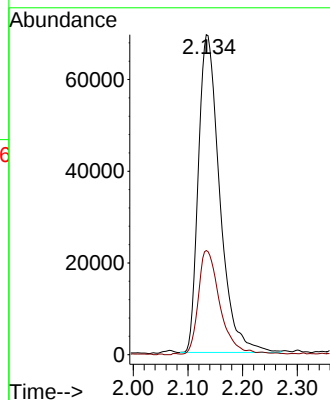
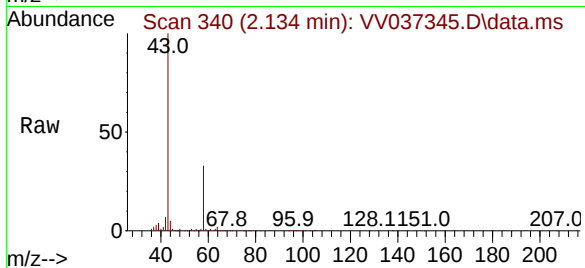
ClientSampleId :

Tgt Ion: 43 Resp: 187958

Ion Ratio Lower Upper

43 100

58 32.1 0.0 69.2



#14

Carbon disulfide

Concen: 4.683 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.003 min

Lab File: VV037345.D

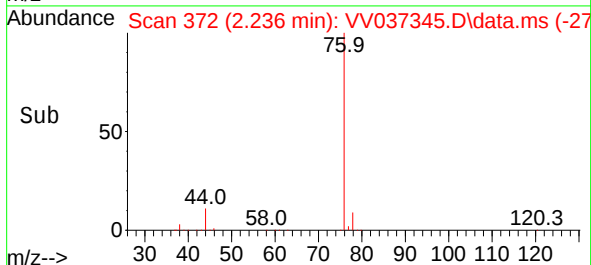
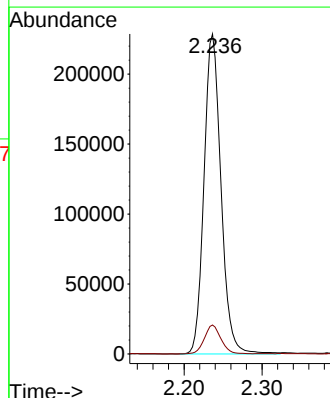
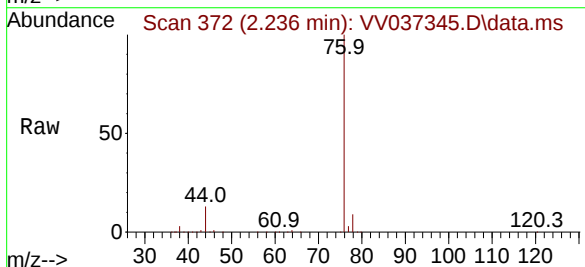
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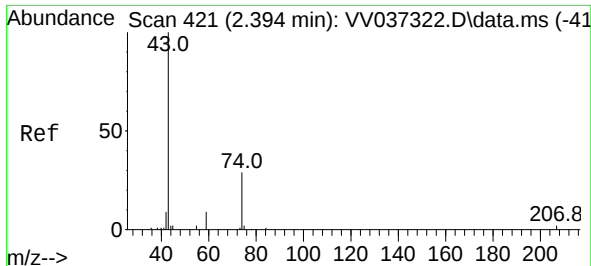
Tgt Ion: 76 Resp: 345742

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#15

Methyl Acetate

Concen: 4.751 ug/L

RT: 2.384 min Scan# 41

Delta R.T. -0.010 min

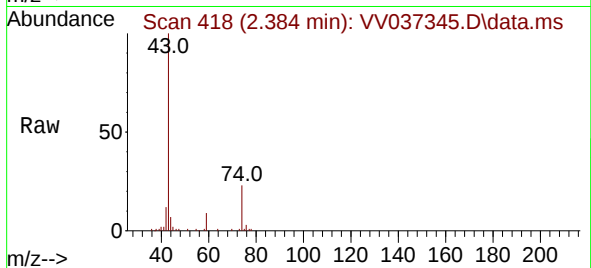
Lab File: VV037345.D

Acq: 18 Sep 2024 19:43

Instrument :

MSVOA_V

ClientSampleId :

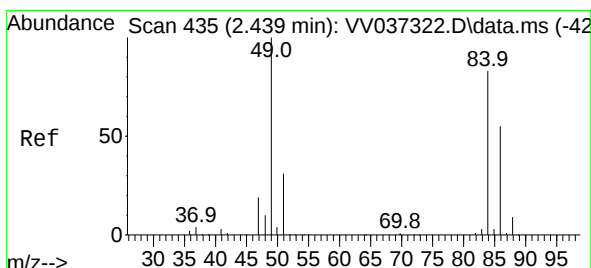
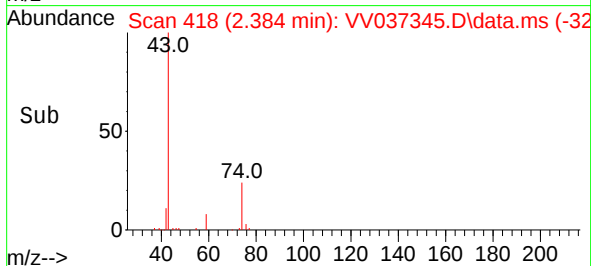
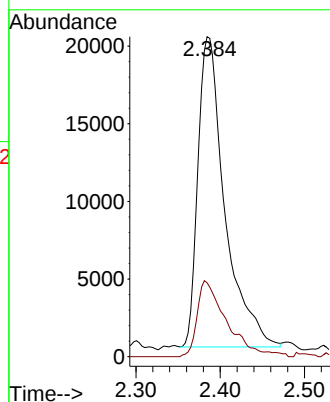


Tgt Ion: 43 Resp: 44388

Ion Ratio Lower Upper

43 100

74 26.8 21.0 31.4



#16

Methylene chloride

Concen: 4.823 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV037345.D

Acq: 18 Sep 2024 19:43

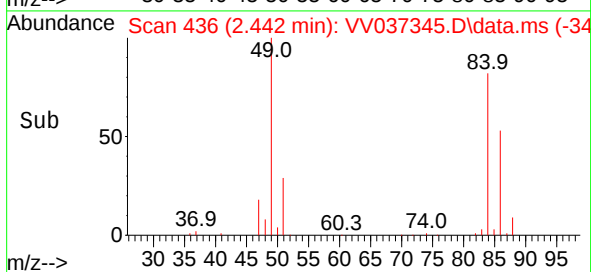
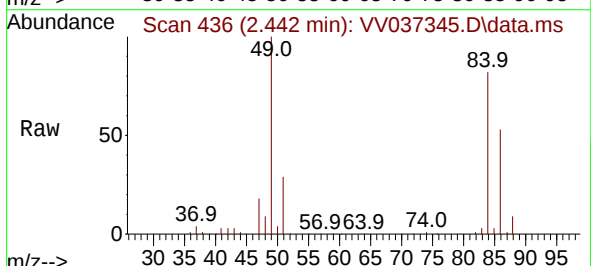
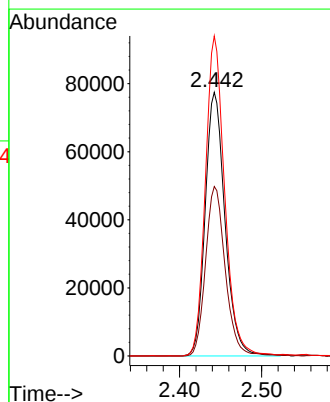
Tgt Ion: 84 Resp: 129843

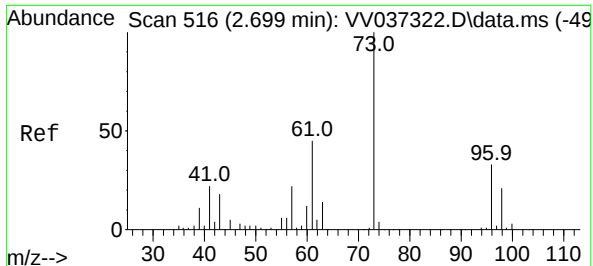
Ion Ratio Lower Upper

84 100

86 64.3 44.0 81.8

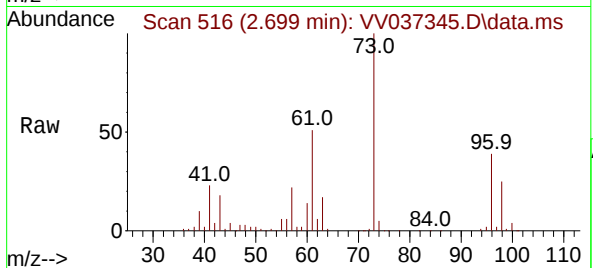
49 121.4 83.0 154.1



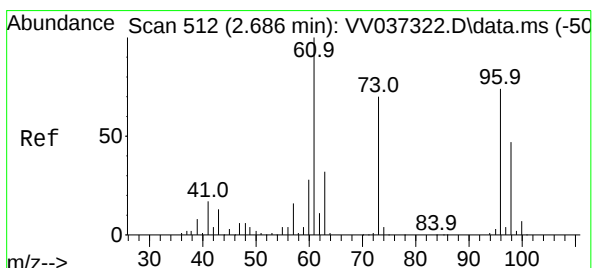
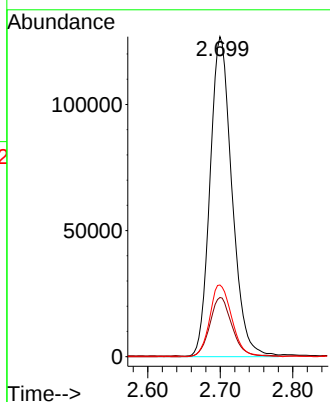
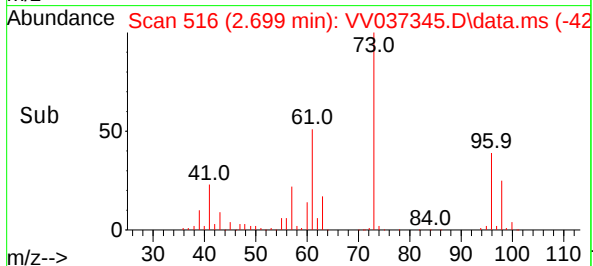


#17
Methyl tert-butyl Ether
Concen: 4.799 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV037345.D
Acq: 18 Sep 2024 19:43

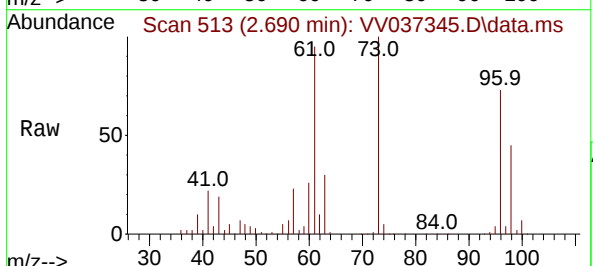
Instrument :
MSVOA_V
ClientSampleId :



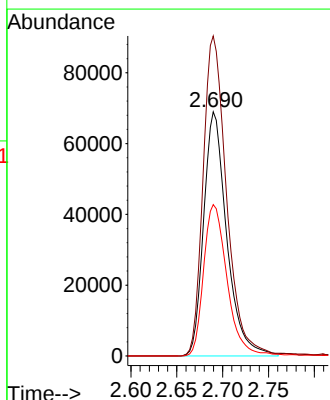
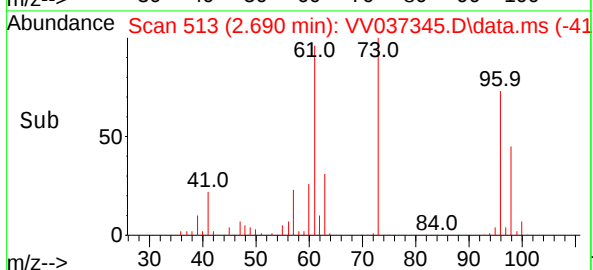
Tgt Ion: 73 Resp: 267115
Ion Ratio Lower Upper
73 100
43 18.3 14.5 21.7
57 22.7 17.7 26.5

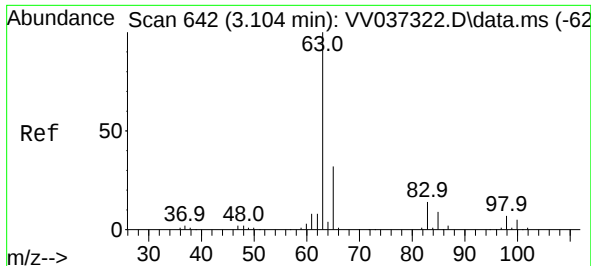


#18
trans-1,2-Dichloroethene
Concen: 4.912 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV037345.D
Acq: 18 Sep 2024 19:43



Tgt Ion: 96 Resp: 121018
Ion Ratio Lower Upper
96 100
61 131.0 92.8 172.4
98 62.0 43.0 79.8





#19

1,1-Dichloroethane

Concen: 4.910 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV037345.D

Acq: 18 Sep 2024 19:43

Instrument :

MSVOA_V

ClientSampleId :

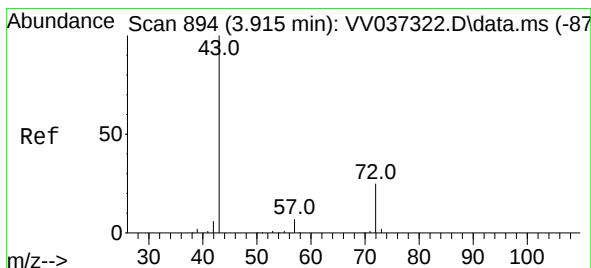
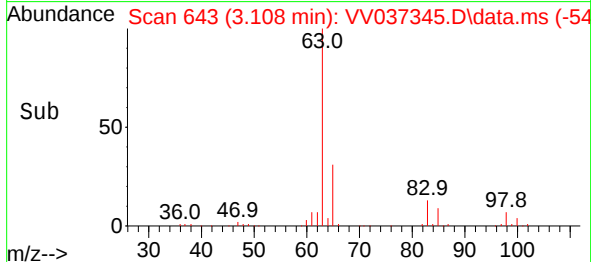
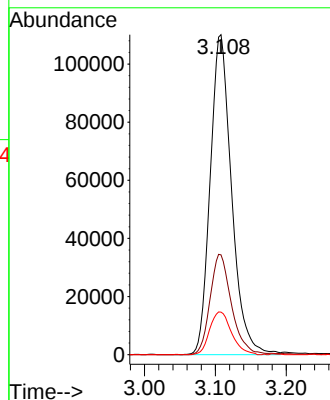
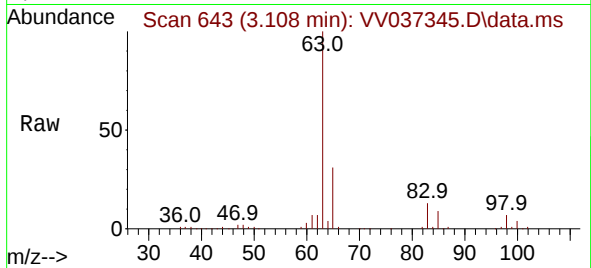
Tgt Ion: 63 Resp: 230975

Ion Ratio Lower Upper

63 100

65 31.2 22.5 41.7

83 13.3 8.9 16.5



#21

2-Butanone

Concen: 44.121 ug/L

RT: 3.883 min Scan# 884

Delta R.T. -0.032 min

Lab File: VV037345.D

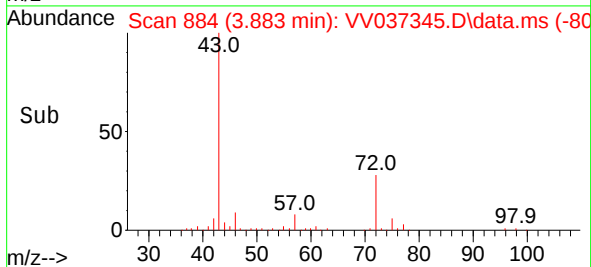
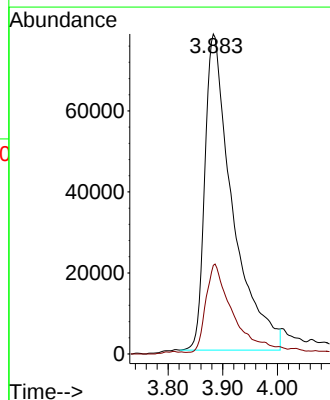
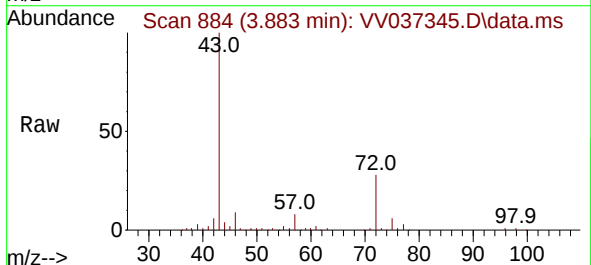
Acq: 18 Sep 2024 19:43

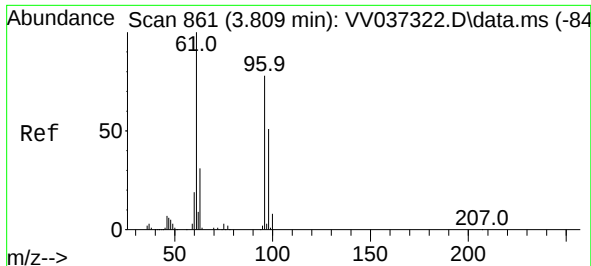
Tgt Ion: 43 Resp: 273551

Ion Ratio Lower Upper

43 100

72 27.8 12.2 36.6

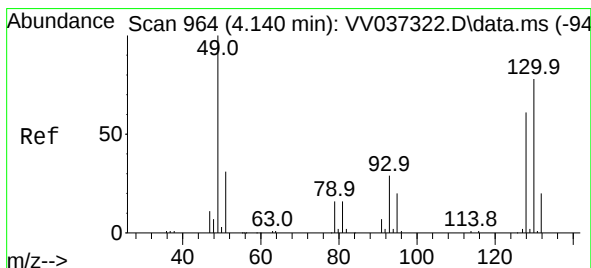
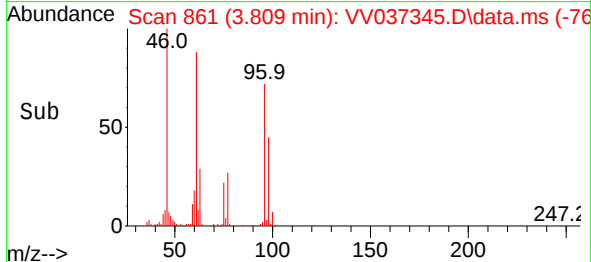
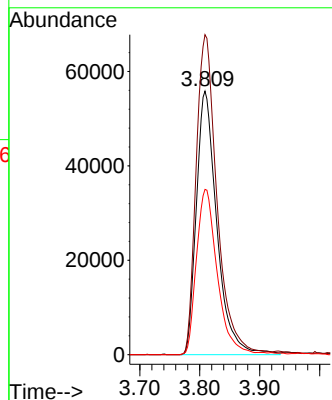
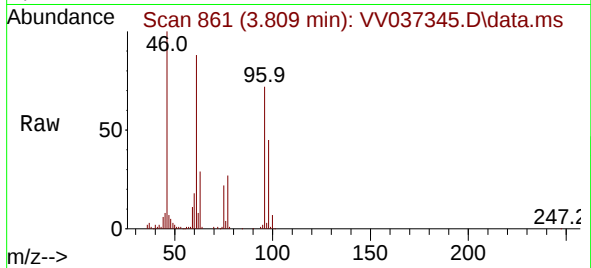




#22
 cis-1,2-Dichloroethene
 Concen: 5.001 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. 0.000 min
 Lab File: VV037345.D
 Acq: 18 Sep 2024 19:43

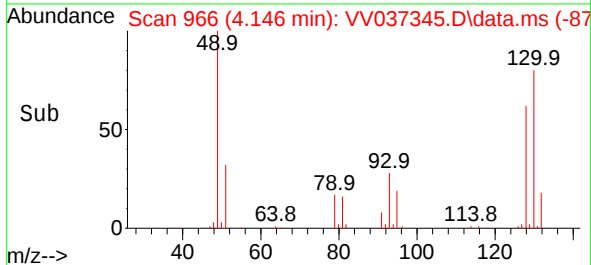
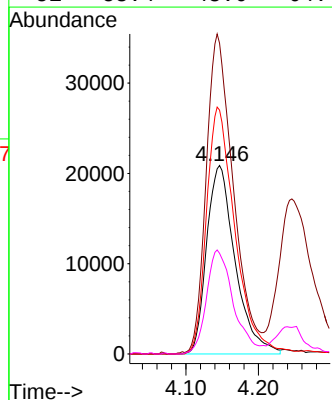
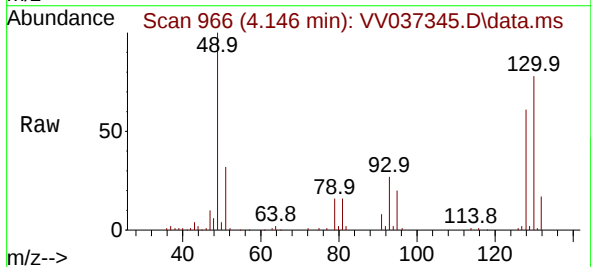
Instrument :
 MSVOA_V
 ClientSampleId :

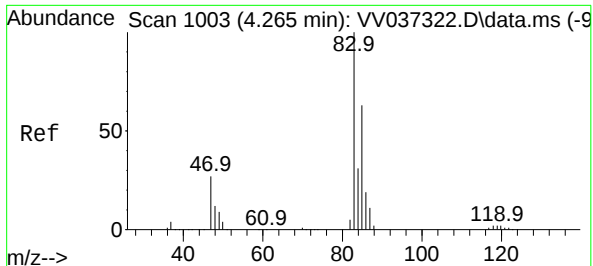
Tgt Ion: 96 Resp: 133200
 Ion Ratio Lower Upper
 96 100
 61 121.5 87.6 162.6
 98 62.7 44.9 83.5



#23
 Bromochloromethane
 Concen: 4.945 ug/L
 RT: 4.146 min Scan# 966
 Delta R.T. 0.007 min
 Lab File: VV037345.D
 Acq: 18 Sep 2024 19:43

Tgt Ion:128 Resp: 57036
 Ion Ratio Lower Upper
 128 100
 49 164.8 114.0 211.8
 130 129.3 89.3 165.9
 51 53.4 43.0 64.4





#25

Chloroform

Concen: 4.932 ug/L

RT: 4.268 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV037345.D

Acq: 18 Sep 2024 19:43

Instrument :

MSVOA_V

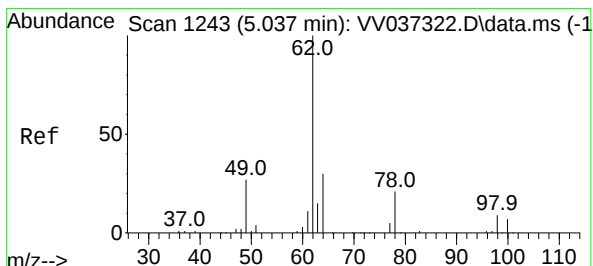
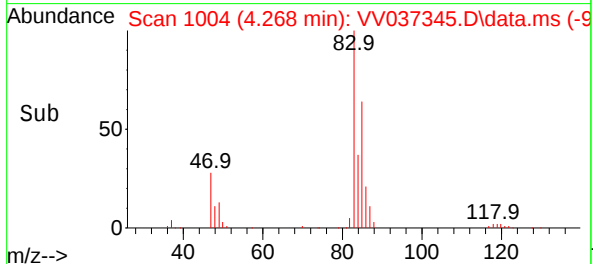
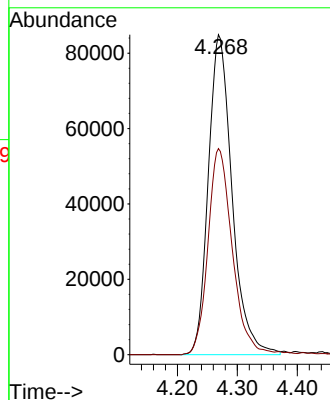
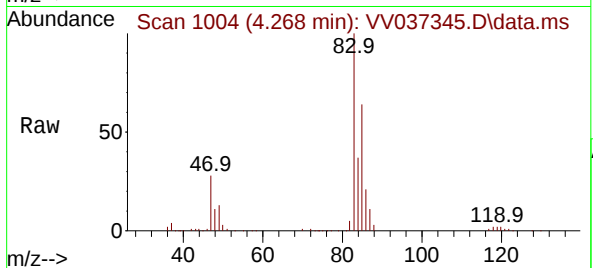
ClientSampleId :

Tgt Ion: 83 Resp: 233734

Ion Ratio Lower Upper

83 100

85 64.4 43.8 81.4



#27

1,2-Dichloroethane

Concen: 5.140 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV037345.D

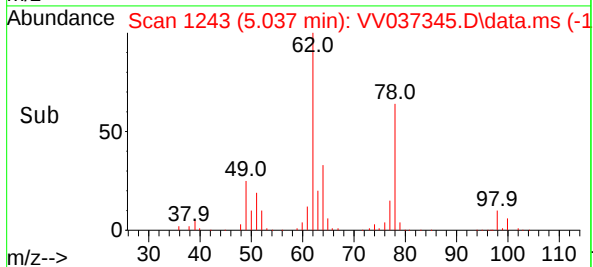
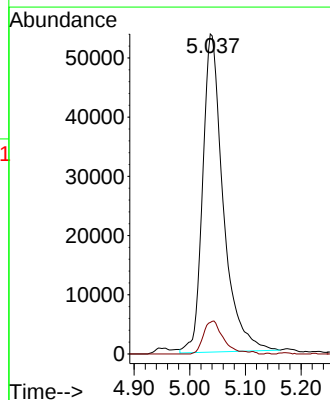
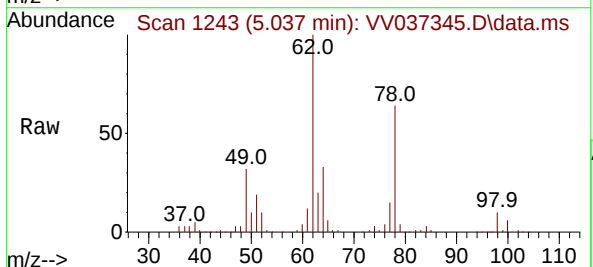
Acq: 18 Sep 2024 19:43

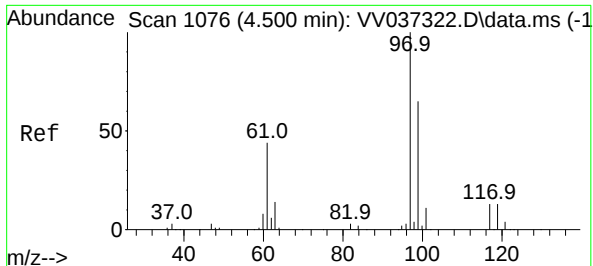
Tgt Ion: 62 Resp: 137846

Ion Ratio Lower Upper

62 100

98 9.9 8.2 12.4

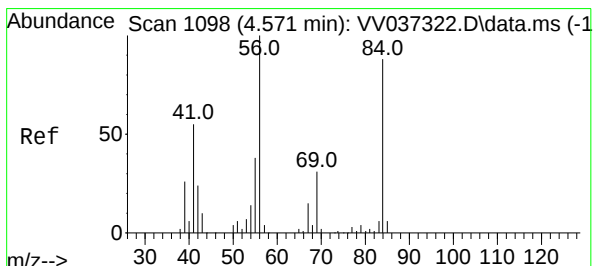
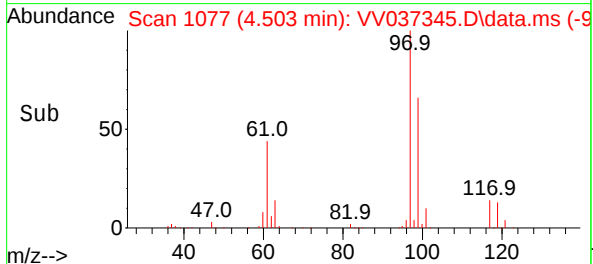
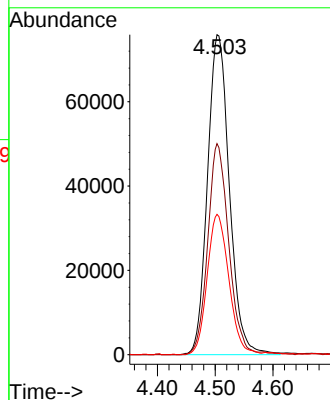
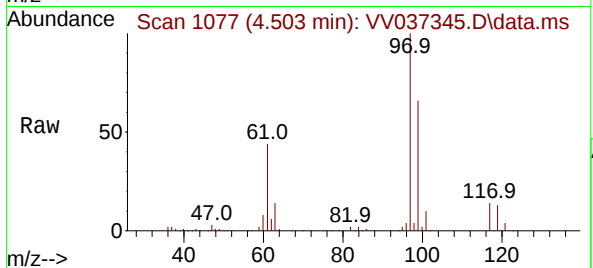




#29
1,1,1-Trichloroethane
Concen: 5.020 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV037345.D
Acq: 18 Sep 2024 19:43

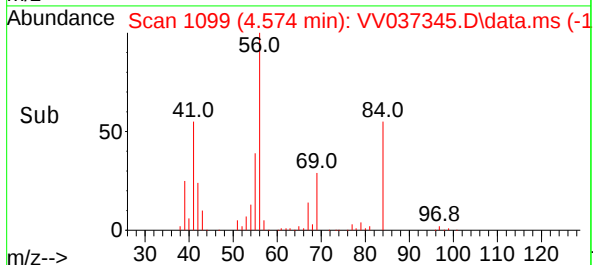
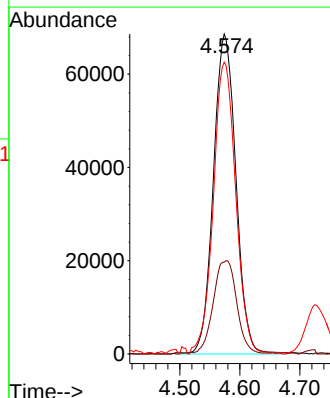
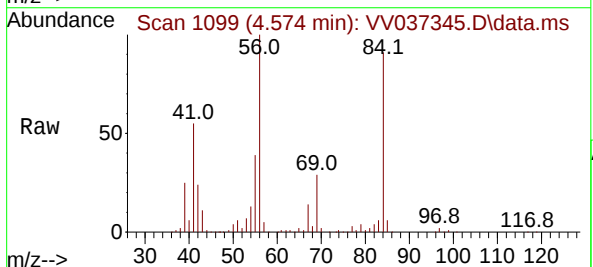
Instrument :
MSVOA_V
ClientSampleId :

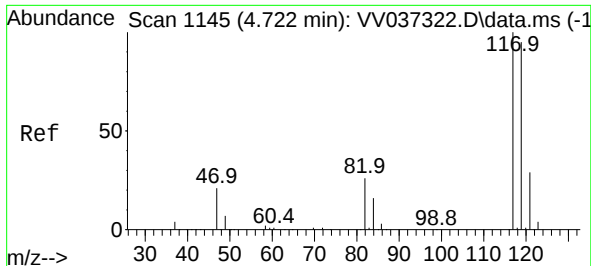
Tgt Ion: 97 Resp: 199963
Ion Ratio Lower Upper
97 100
99 63.1 50.0 75.0
61 43.5 34.3 51.5



#30
Cyclohexane
Concen: 4.614 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. 0.003 min
Lab File: VV037345.D
Acq: 18 Sep 2024 19:43

Tgt Ion: 56 Resp: 178303
Ion Ratio Lower Upper
56 100
69 29.8 24.1 36.1
84 91.3 73.1 109.7

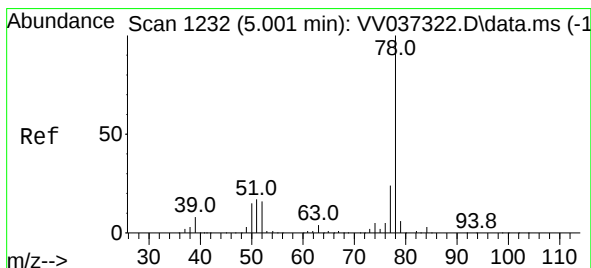
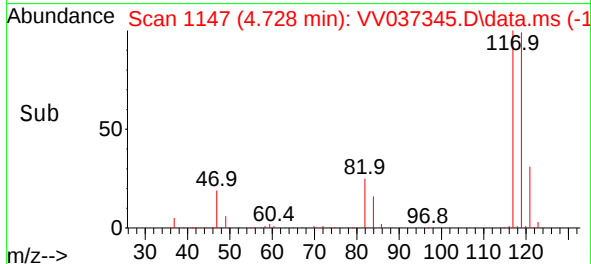
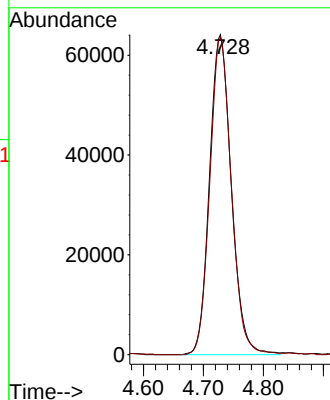
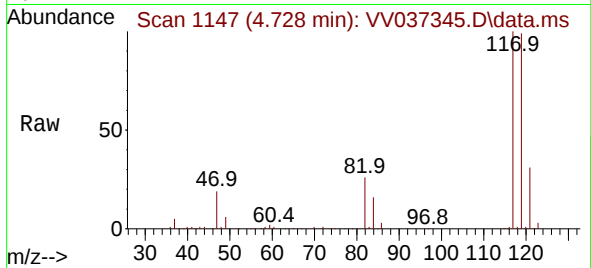




#31
Carbon tetrachloride
Concen: 4.777 ug/L
RT: 4.728 min Scan# 1145
Delta R.T. 0.007 min
Lab File: VV037345.D
Acq: 18 Sep 2024 19:43

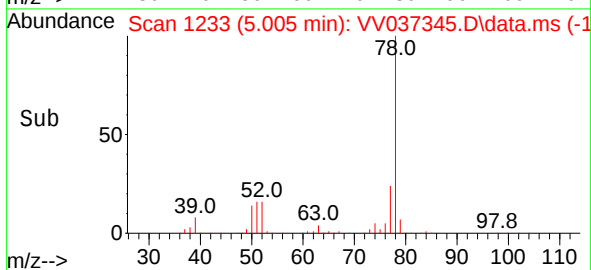
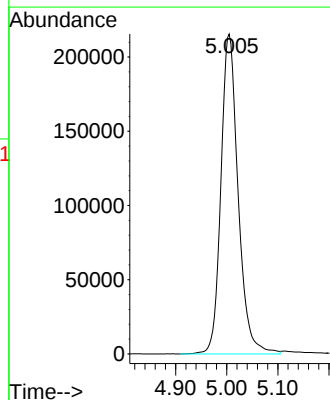
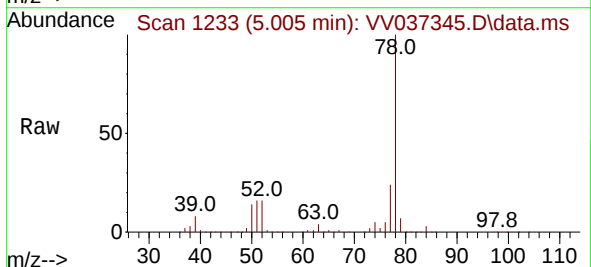
Instrument :
MSVOA_V
ClientSampleId :

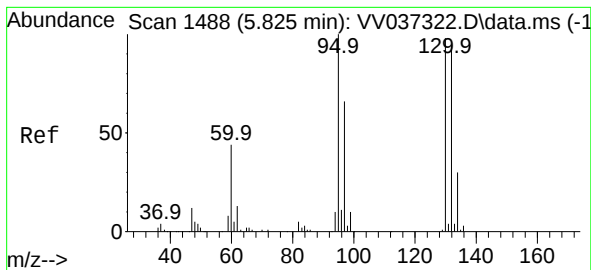
Tgt Ion:117 Resp: 161959
Ion Ratio Lower Upper
117 100
119 97.9 76.2 114.4



#33
Benzene
Concen: 4.984 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.003 min
Lab File: VV037345.D
Acq: 18 Sep 2024 19:43

Tgt Ion: 78 Resp: 504494





#34

Trichloroethene

Concen: 5.091 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV037345.D

Acq: 18 Sep 2024 19:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 138857

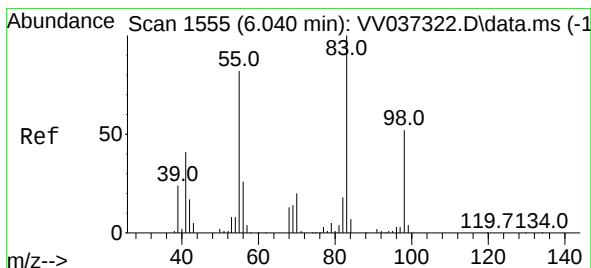
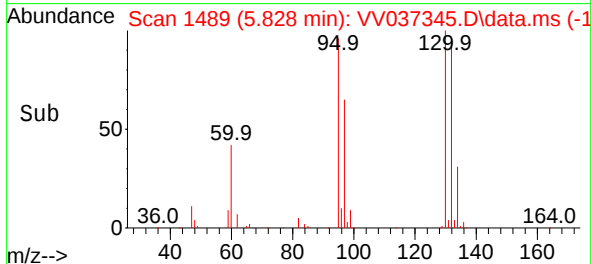
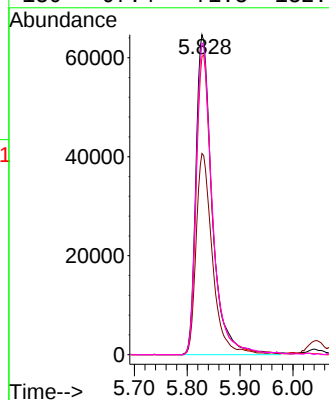
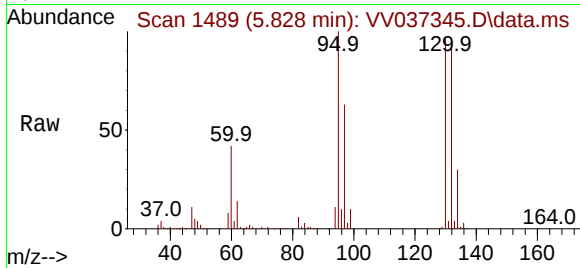
Ion Ratio Lower Upper

95 100

97 62.9 46.5 86.5

132 93.1 65.5 121.7

130 97.4 71.3 132.3



#35

Methylcyclohexane

Concen: 4.657 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.003 min

Lab File: VV037345.D

Acq: 18 Sep 2024 19:43

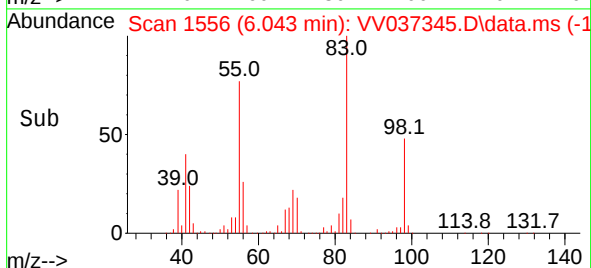
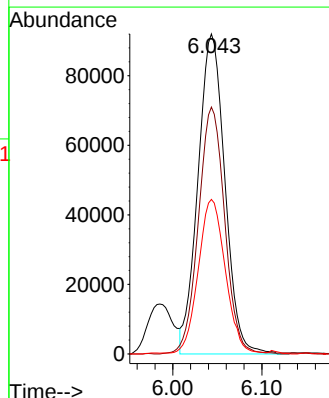
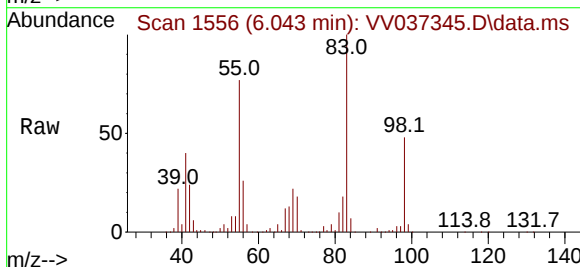
Tgt Ion: 83 Resp: 193089

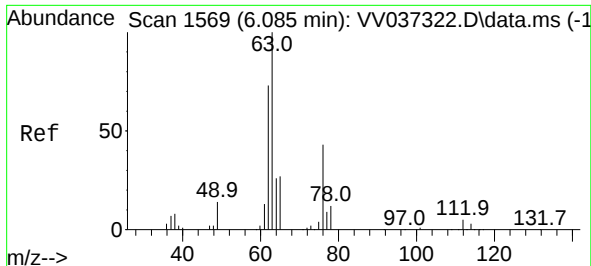
Ion Ratio Lower Upper

83 100

55 75.5 60.3 90.5

98 47.8 38.2 57.4

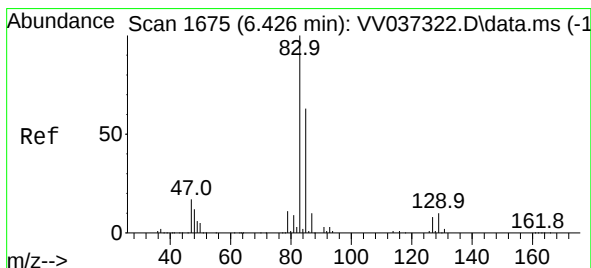
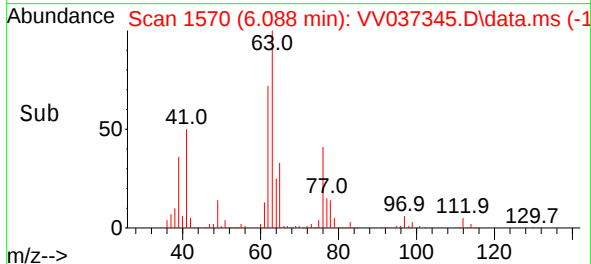
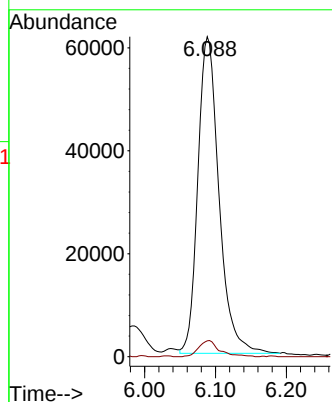
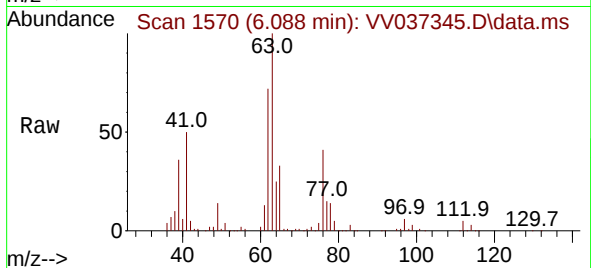




#37
1,2-Dichloropropane
Concen: 4.947 ug/L
RT: 6.088 min Scan# 1569
Delta R.T. 0.003 min
Lab File: VV037345.D
Acq: 18 Sep 2024 19:43

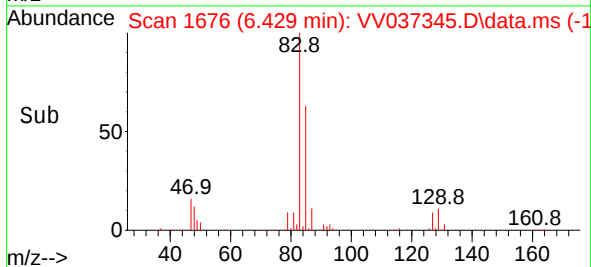
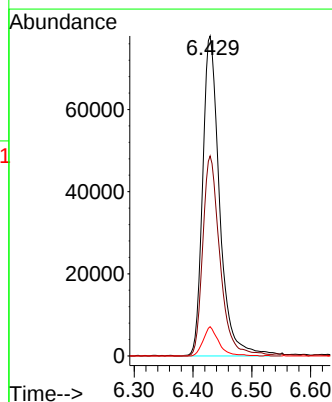
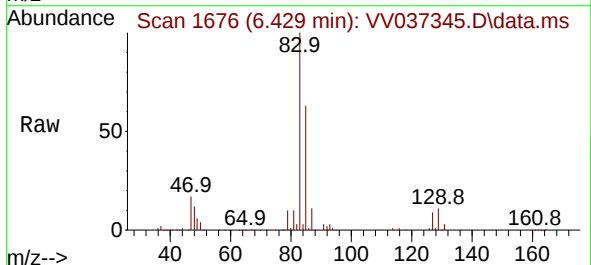
Instrument :
MSVOA_V
ClientSampleId :

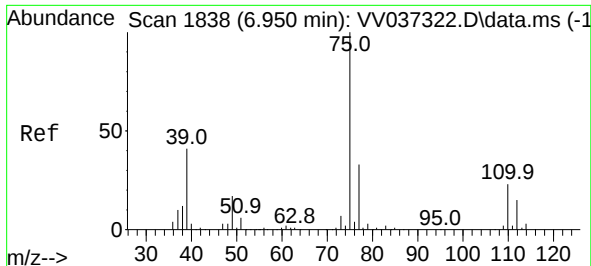
Tgt Ion: 63 Resp: 127392
Ion Ratio Lower Upper
63 100
112 5.0 3.7 5.5



#38
Bromodichloromethane
Concen: 4.854 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV037345.D
Acq: 18 Sep 2024 19:43

Tgt Ion: 83 Resp: 156481
Ion Ratio Lower Upper
83 100
85 62.5 43.7 81.1
127 9.2 6.7 10.1

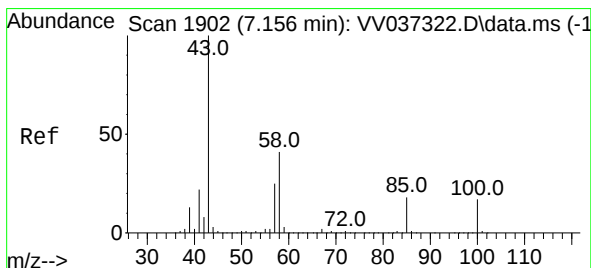
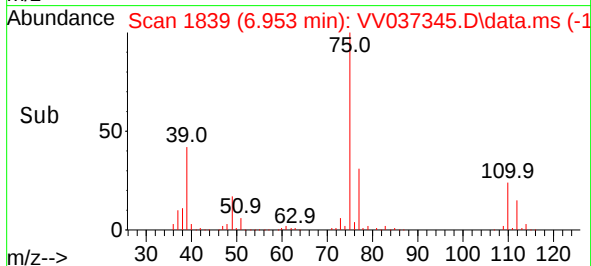
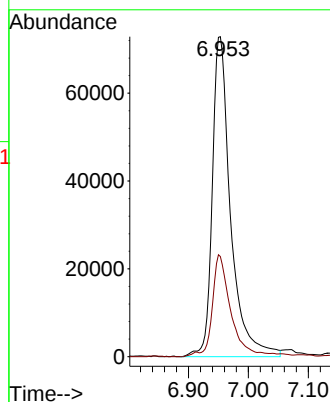
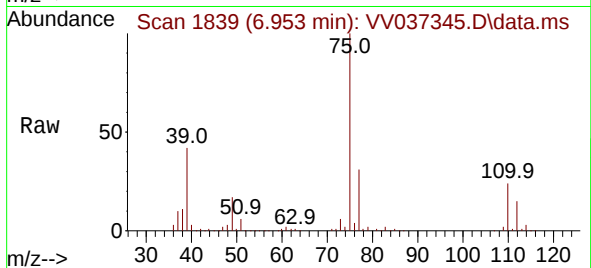




#39
 cis-1,3-Dichloropropene
 Concen: 4.153 ug/L
 RT: 6.953 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VV037345.D
 Acq: 18 Sep 2024 19:43

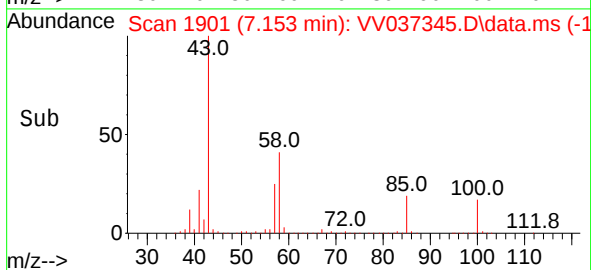
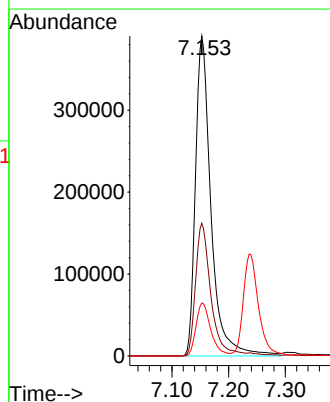
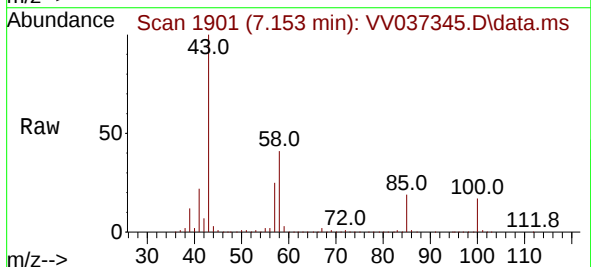
Instrument :
 MSVOA_V
 ClientSampleId :

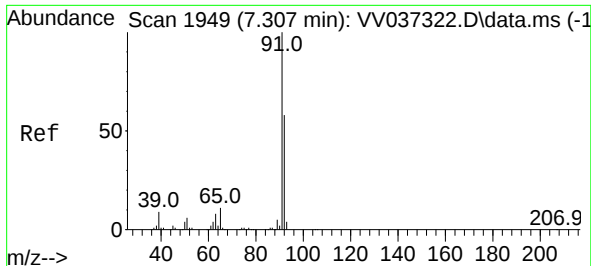
Tgt Ion: 75 Resp: 154914
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 50.443 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. -0.003 min
 Lab File: VV037345.D
 Acq: 18 Sep 2024 19:43

Tgt Ion: 43 Resp: 743714
 Ion Ratio Lower Upper
 43 100
 58 40.5 31.7 47.5
 100 15.7 12.6 19.0





#42

Toluene

Concen: 5.110 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV037345.D

Acq: 18 Sep 2024 19:43

Instrument :

MSVOA_V

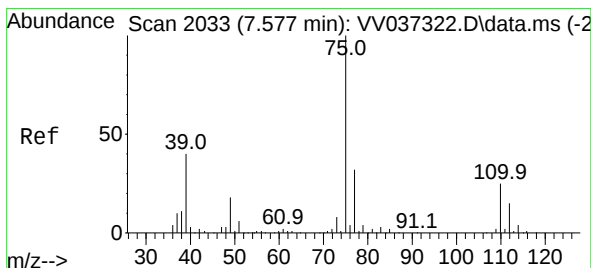
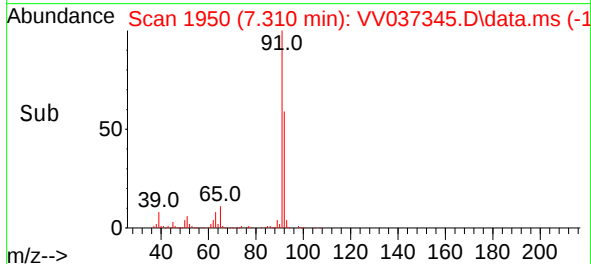
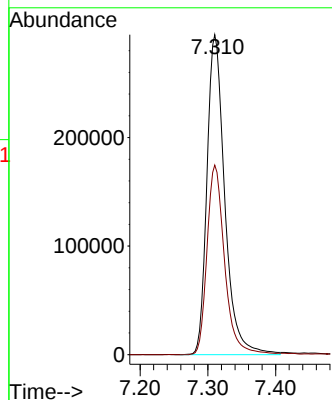
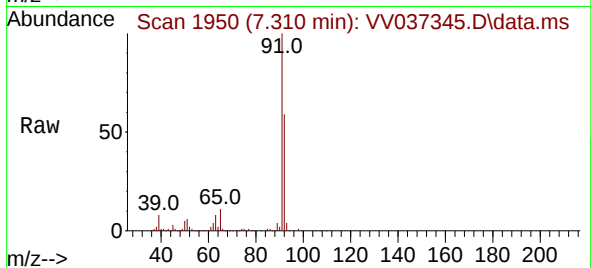
ClientSampleId :

Tgt Ion: 91 Resp: 538087

Ion Ratio Lower Upper

91 100

92 59.2 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 3.859 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV037345.D

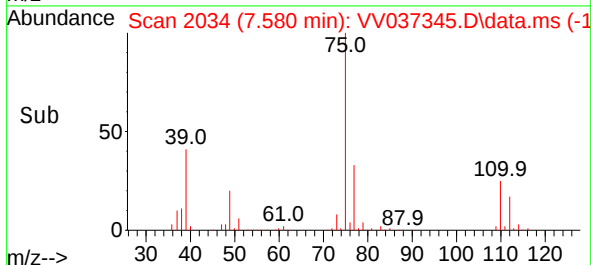
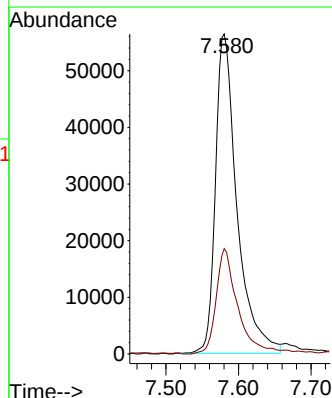
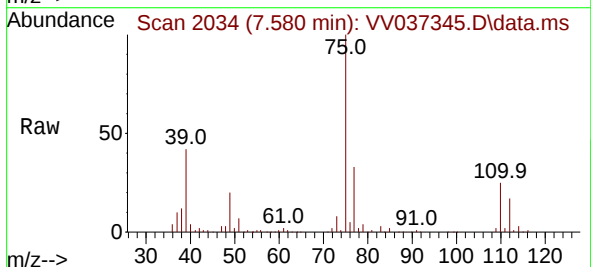
Acq: 18 Sep 2024 19:43

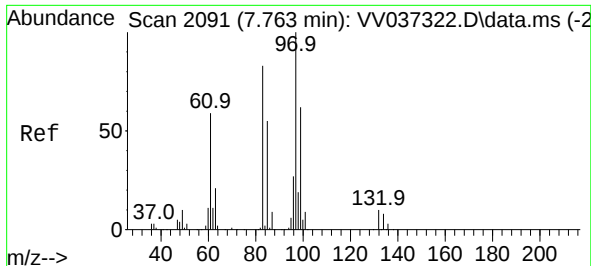
Tgt Ion: 75 Resp: 116151

Ion Ratio Lower Upper

75 100

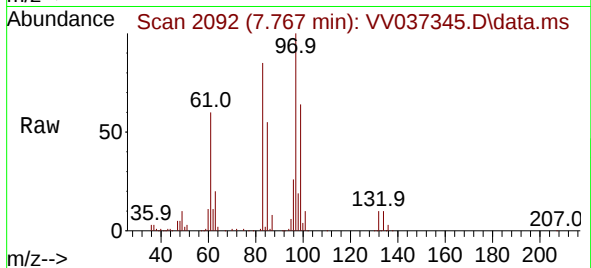
77 32.9 20.9 38.9



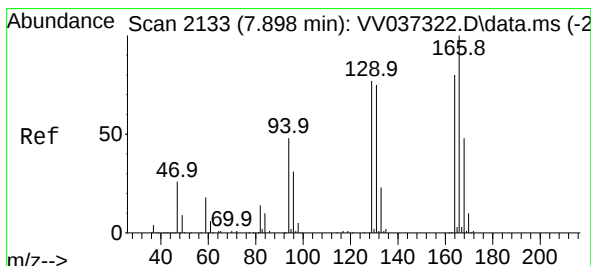
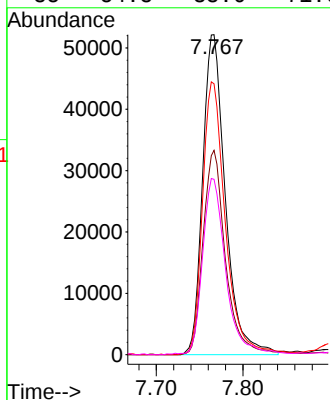
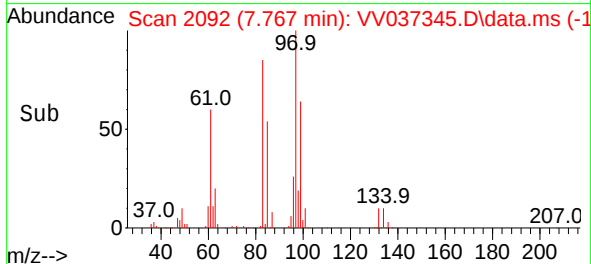


#45
1,1,2-Trichloroethane
Concen: 5.157 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV037345.D
Acq: 18 Sep 2024 19:43

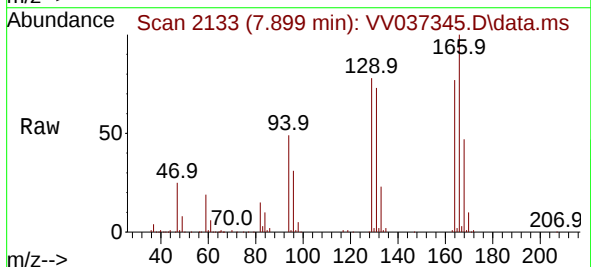
Instrument :
MSVOA_V
ClientSampleId :



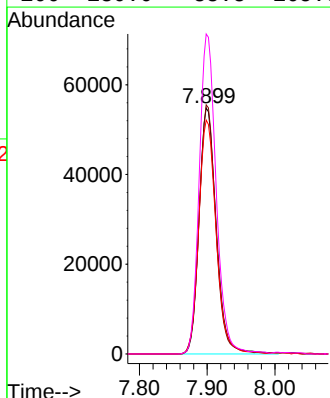
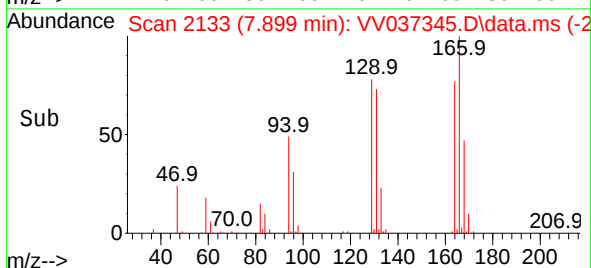
Tgt Ion:	97	Resp:	95055
Ion	Ratio	Lower	Upper
97	100		
99	63.9	43.1	80.1
83	84.6	61.0	113.4
85	54.8	38.6	71.6

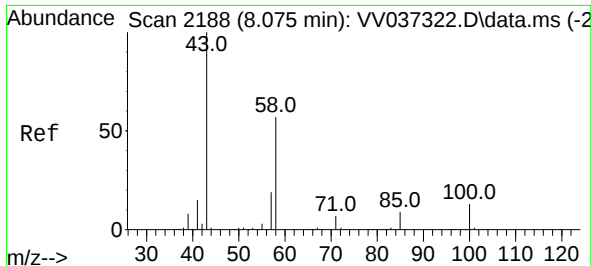


#47
Tetrachloroethene
Concen: 4.957 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037345.D
Acq: 18 Sep 2024 19:43



Tgt Ion:	164	Resp:	96763
Ion	Ratio	Lower	Upper
164	100		
129	101.2	69.2	128.4
131	95.1	66.6	123.8
166	130.0	88.8	165.0

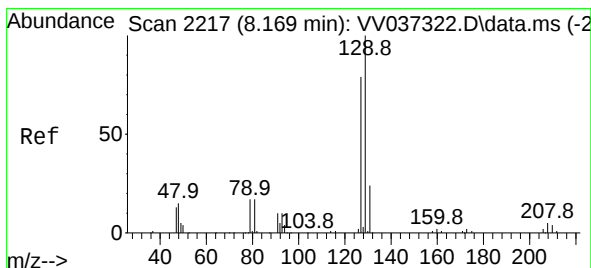
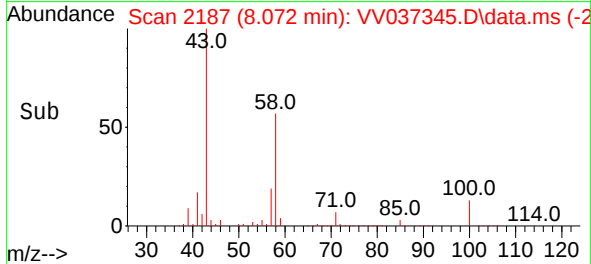
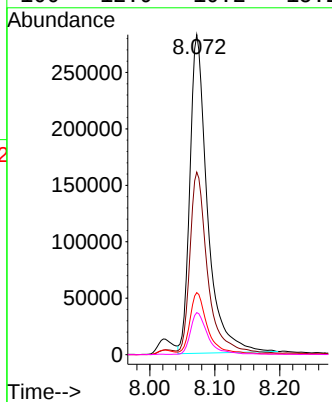
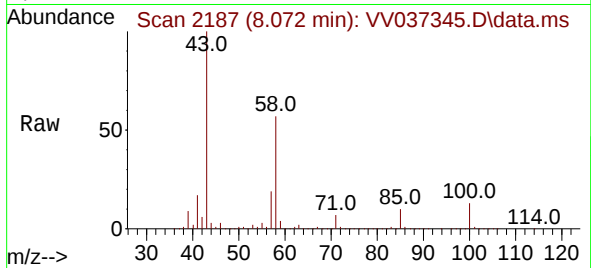




#48
2-Hexanone
Concen: 49.355 ug/L
RT: 8.072 min Scan# 2188
Delta R.T. -0.003 min
Lab File: VV037345.D
Acq: 18 Sep 2024 19:43

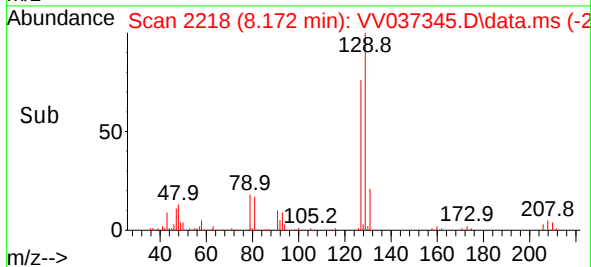
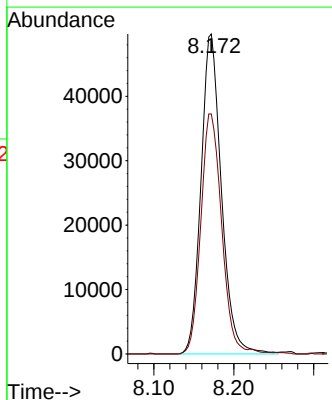
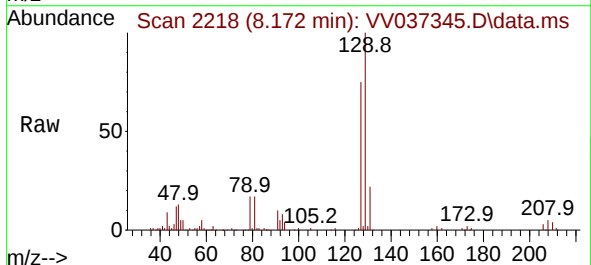
Instrument :
MSVOA_V
ClientSampleId :

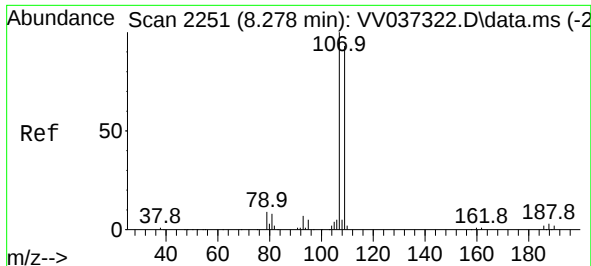
Tgt Ion: 43 Resp: 531859
Ion Ratio Lower Upper
43 100
58 57.7 45.5 68.3
57 19.5 15.3 22.9
100 12.9 10.2 15.2



#49
Dibromochloromethane
Concen: 4.579 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV037345.D
Acq: 18 Sep 2024 19:43

Tgt Ion: 129 Resp: 88414
Ion Ratio Lower Upper
129 100
127 75.0 54.5 101.1

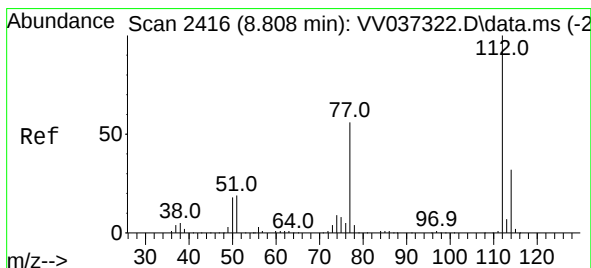
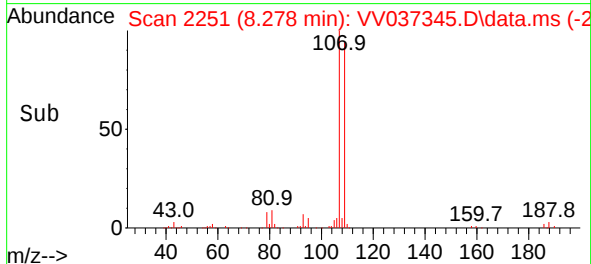
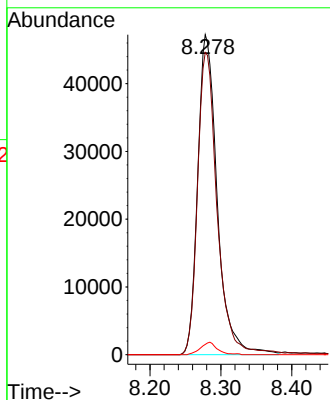
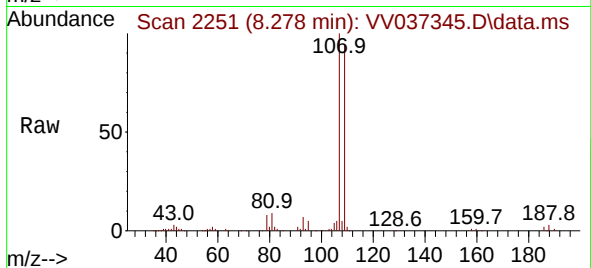




#50
1,2-Dibromoethane
Concen: 5.175 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037345.D
Acq: 18 Sep 2024 19:43

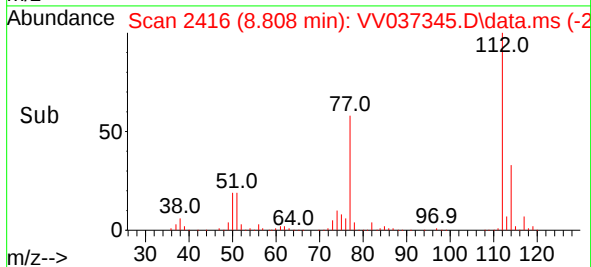
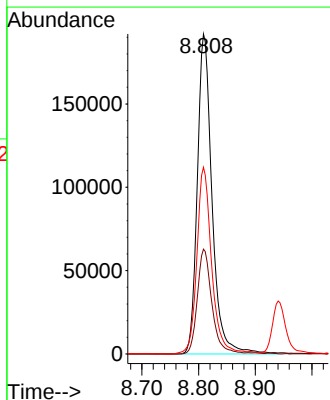
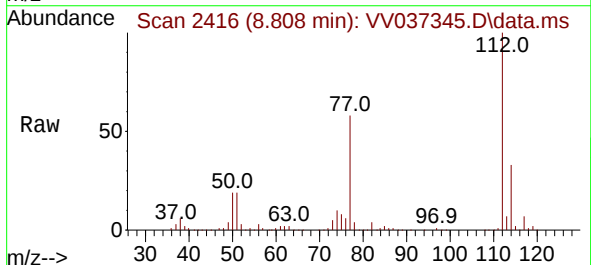
Instrument :
MSVOA_V
ClientSampleId :

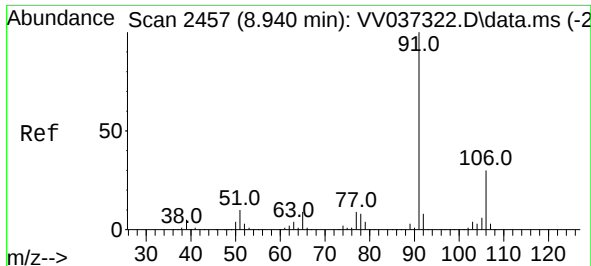
Tgt Ion:107 Resp: 90125
Ion Ratio Lower Upper
107 100
109 94.5 68.1 126.5
188 3.2 2.7 4.1



#51
Chlorobenzene
Concen: 4.939 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV037345.D
Acq: 18 Sep 2024 19:43

Tgt Ion:112 Resp: 346315
Ion Ratio Lower Upper
112 100
114 32.8 22.6 42.0
77 58.4 47.0 70.6

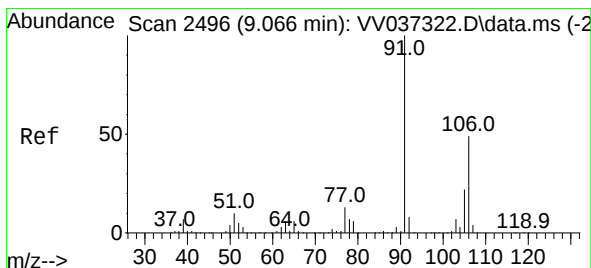
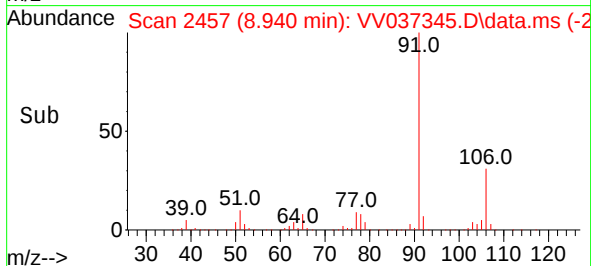
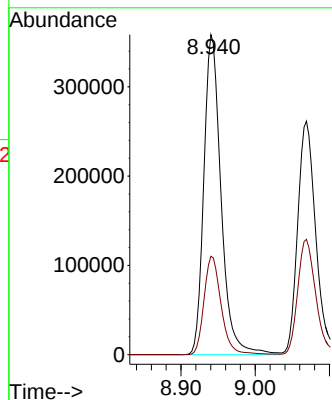
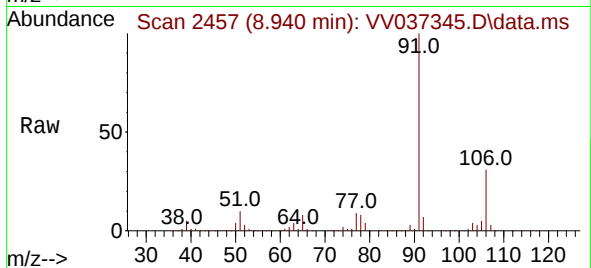




#52
Ethylbenzene
Concen: 4.910 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. 0.000 min
Lab File: VV037345.D
Acq: 18 Sep 2024 19:43

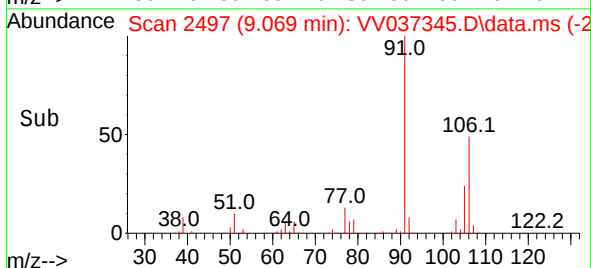
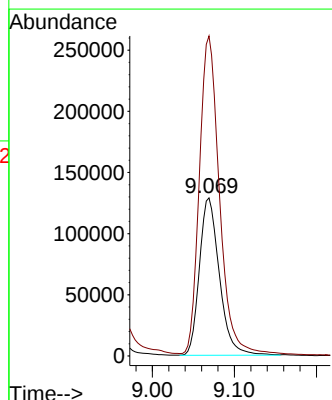
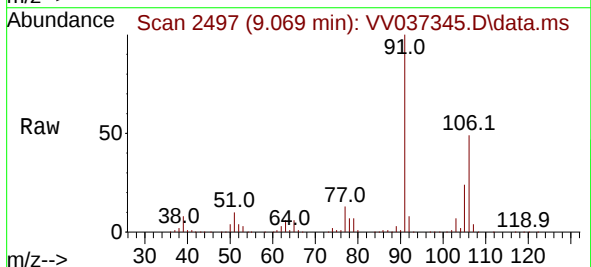
Instrument :
MSVOA_V
ClientSampleId :

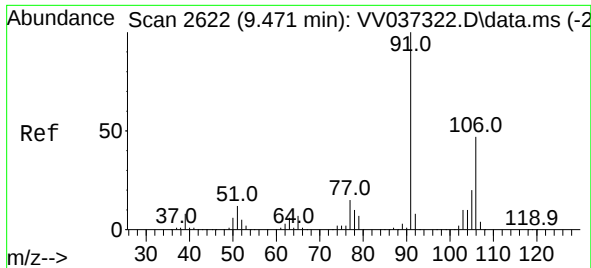
Tgt Ion: 91 Resp: 576987
Ion Ratio Lower Upper
91 100
106 30.8 21.7 40.3



#53
m,p-Xylene
Concen: 5.040 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.003 min
Lab File: VV037345.D
Acq: 18 Sep 2024 19:43

Tgt Ion: 106 Resp: 217931
Ion Ratio Lower Upper
106 100
91 202.4 143.3 266.1

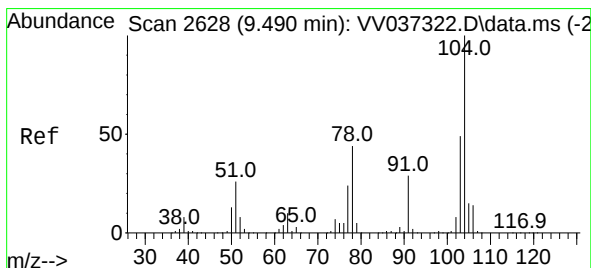
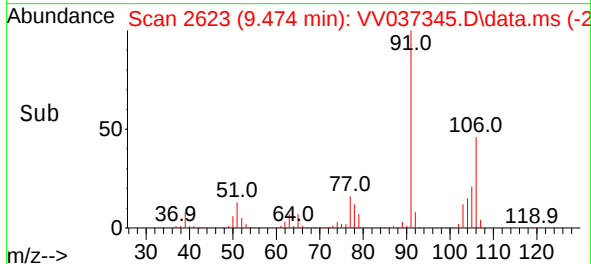
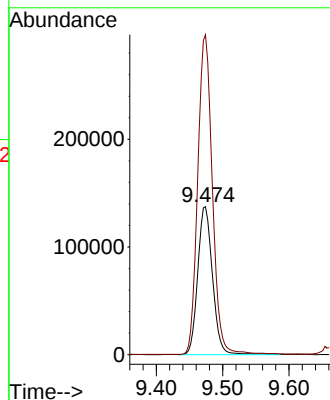
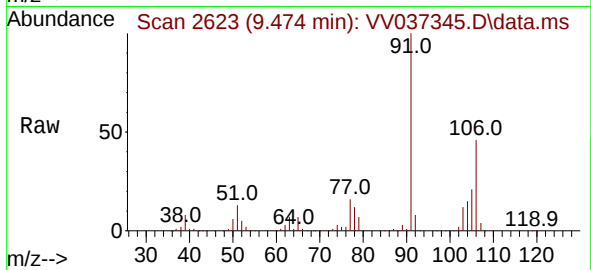




#54
o-Xylene
Concen: 4.979 ug/L
RT: 9.474 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV037345.D
Acq: 18 Sep 2024 19:43

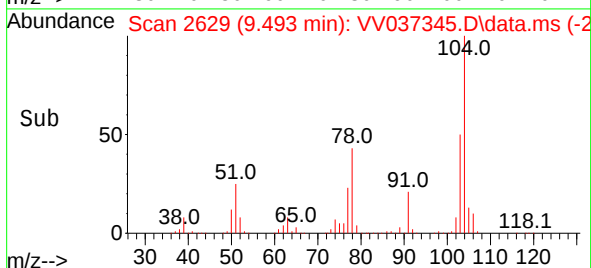
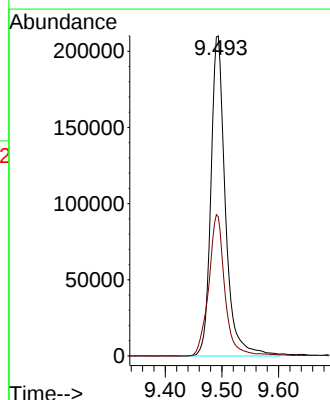
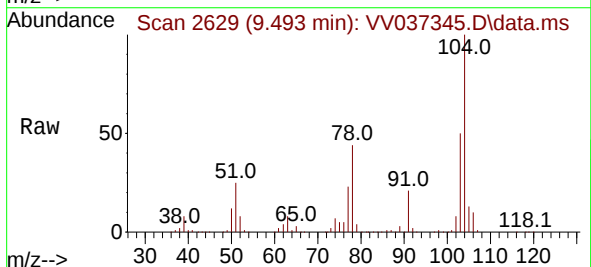
Instrument :
MSVOA_V
ClientSampleId :

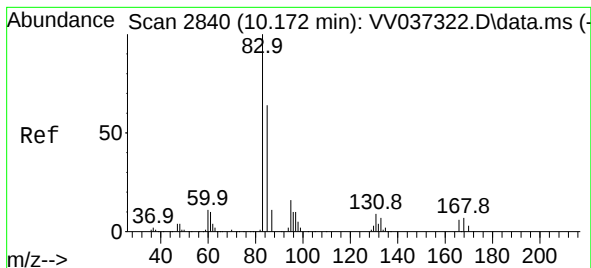
Tgt Ion:106 Resp: 213105
Ion Ratio Lower Upper
106 100
91 216.2 151.8 282.0



#55
Styrene
Concen: 5.155 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.003 min
Lab File: VV037345.D
Acq: 18 Sep 2024 19:43

Tgt Ion:104 Resp: 374065
Ion Ratio Lower Upper
104 100
78 43.5 29.2 54.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.271 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV037345.D

Acq: 18 Sep 2024 19:43

Instrument :

MSVOA_V

ClientSampleId :

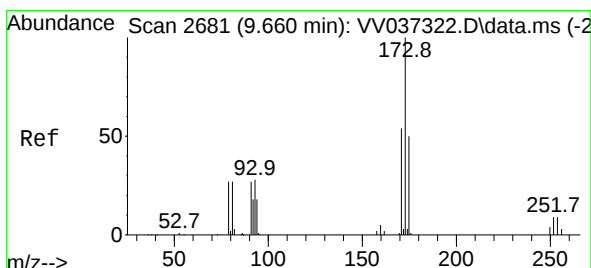
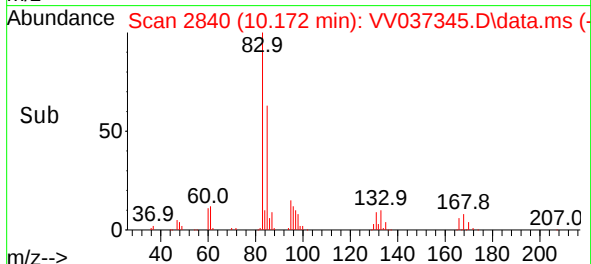
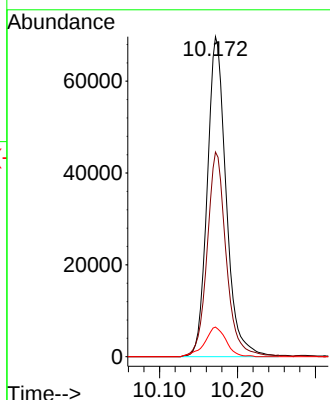
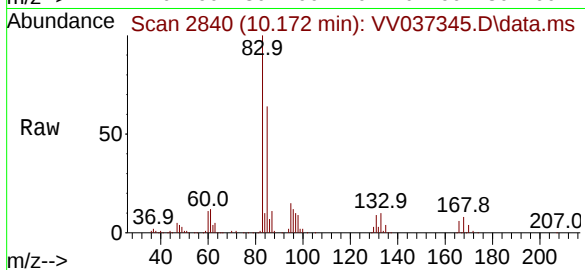
Tgt Ion: 83 Resp: 117375

Ion Ratio Lower Upper

83 100

85 64.0 43.2 80.2

131 9.2 6.9 10.3



#59

Bromoform

Concen: 3.614 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.000 min

Lab File: VV037345.D

Acq: 18 Sep 2024 19:43

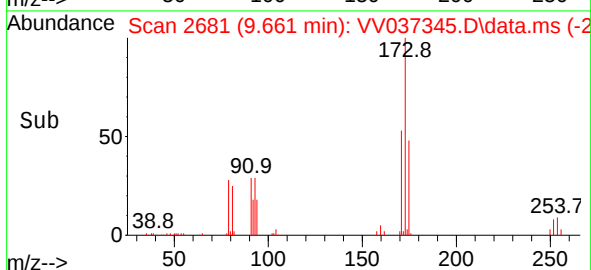
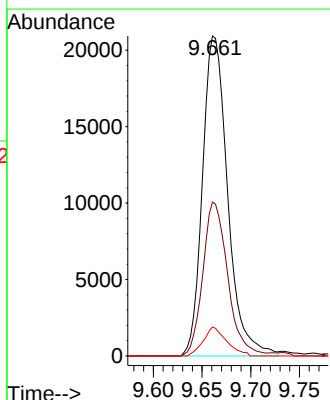
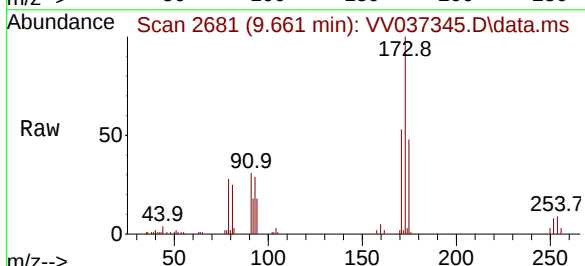
Tgt Ion: 173 Resp: 37684

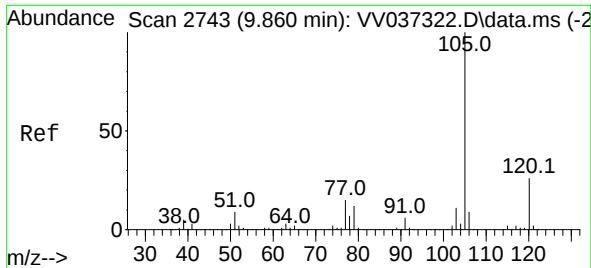
Ion Ratio Lower Upper

173 100

175 47.5 38.7 58.1

254 8.4 6.8 10.2

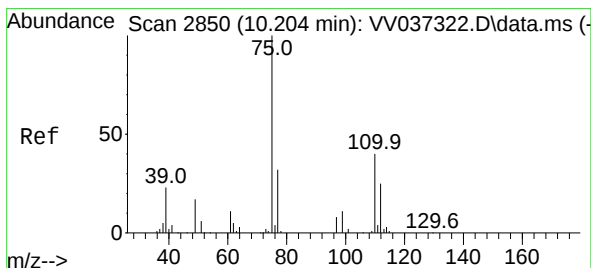
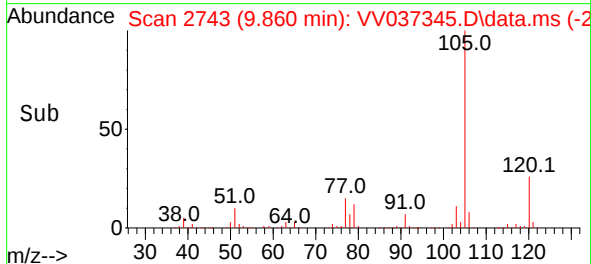
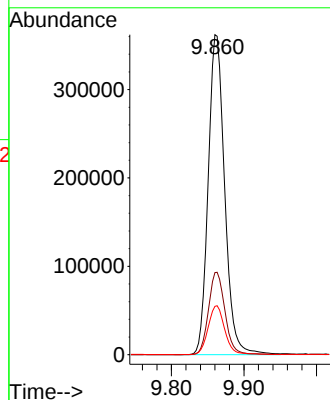
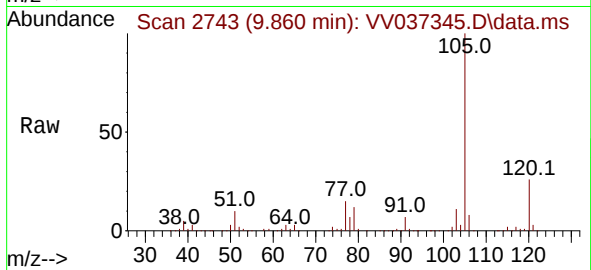




#60
Isopropylbenzene
Concen: 4.801 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037345.D
Acq: 18 Sep 2024 19:43

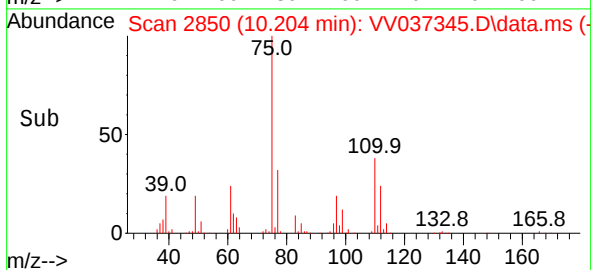
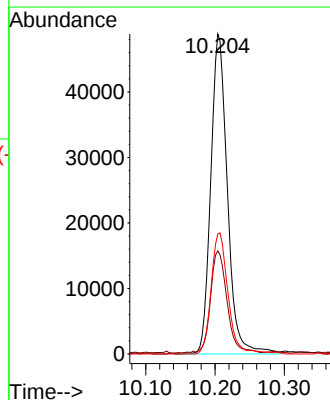
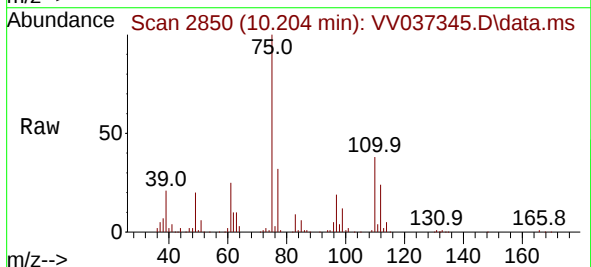
Instrument :
MSVOA_V
ClientSampleId :

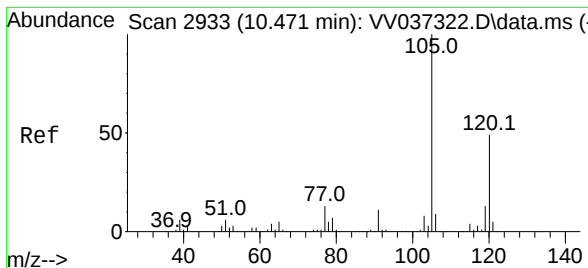
Tgt Ion:105 Resp: 572779
Ion Ratio Lower Upper
105 100
120 25.8 20.2 30.4
77 15.6 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 5.018 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV037345.D
Acq: 18 Sep 2024 19:43

Tgt Ion: 75 Resp: 81380
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4
110 38.4 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 4.768 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.000 min

Lab File: VV037345.D

Acq: 18 Sep 2024 19:43

Instrument :

MSVOA_V

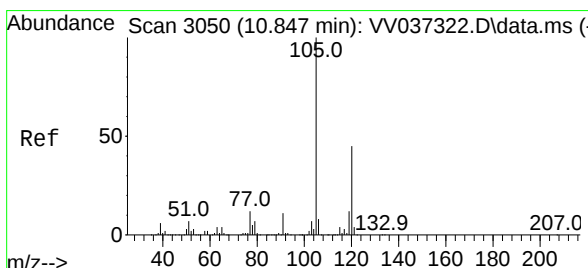
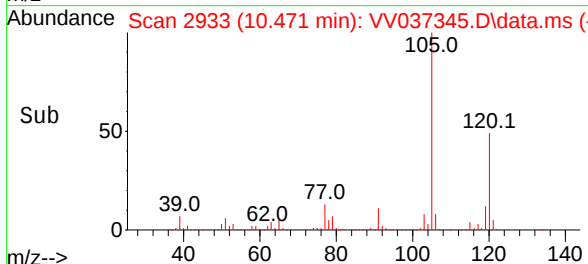
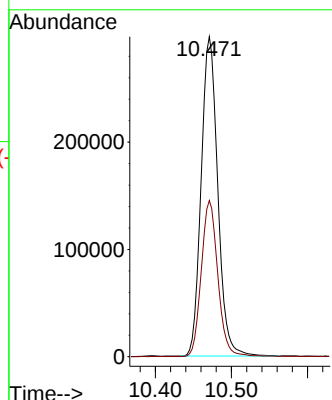
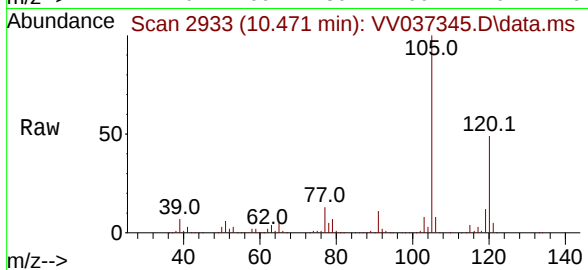
ClientSampleId :

Tgt Ion:105 Resp: 451004

Ion Ratio Lower Upper

105 100

120 48.7 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 4.842 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV037345.D

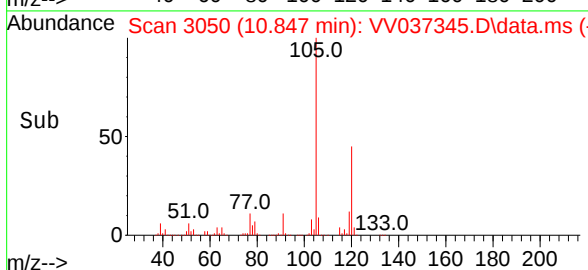
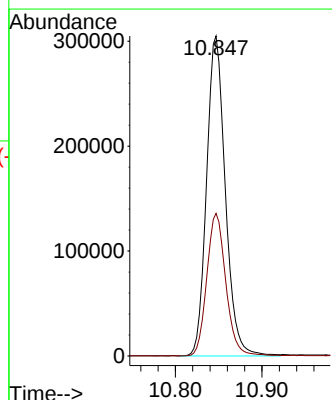
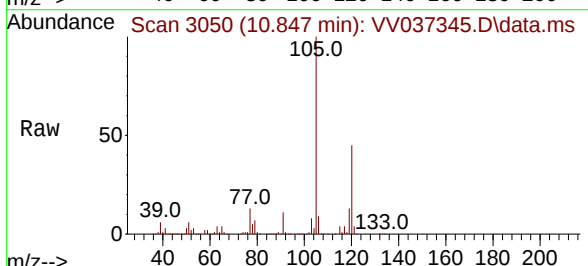
Acq: 18 Sep 2024 19:43

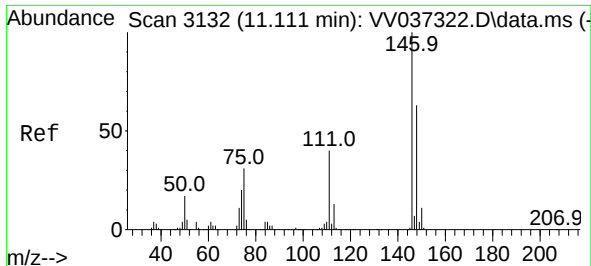
Tgt Ion:105 Resp: 460086

Ion Ratio Lower Upper

105 100

120 45.0 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 4.853 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037345.D

Acq: 18 Sep 2024 19:43

Instrument :

MSVOA_V

ClientSampleId :

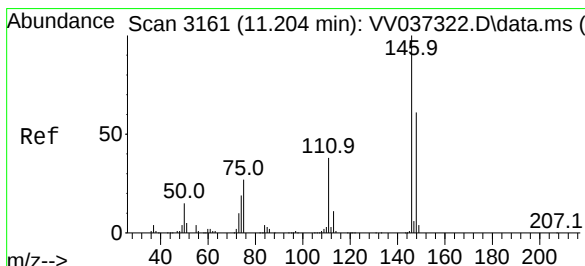
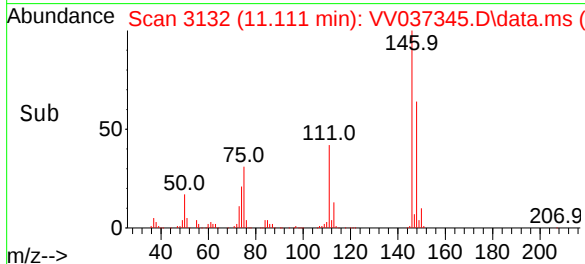
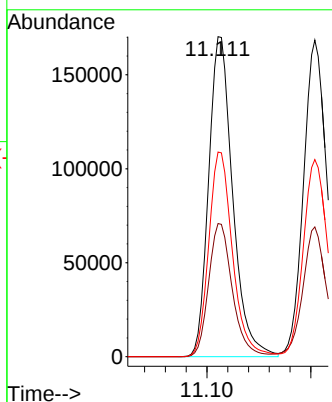
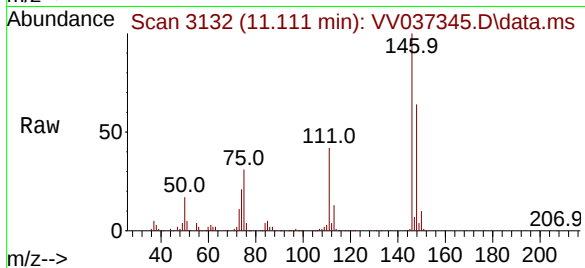
Tgt Ion:146 Resp: 273693

Ion Ratio Lower Upper

146 100

111 41.6 28.8 53.4

148 64.0 45.6 84.6



#65

1,4-Dichlorobenzene

Concen: 4.739 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV037345.D

Acq: 18 Sep 2024 19:43

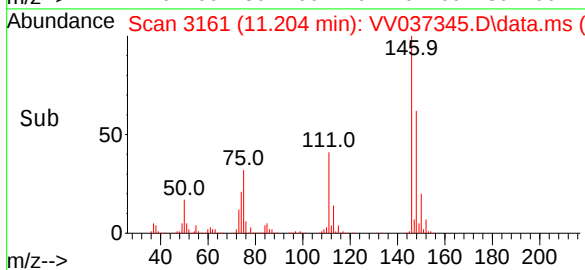
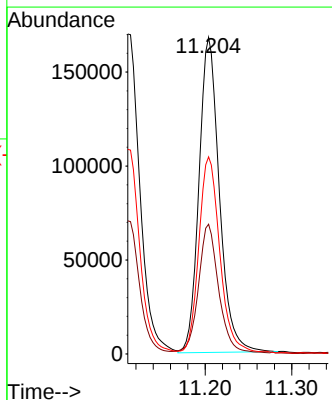
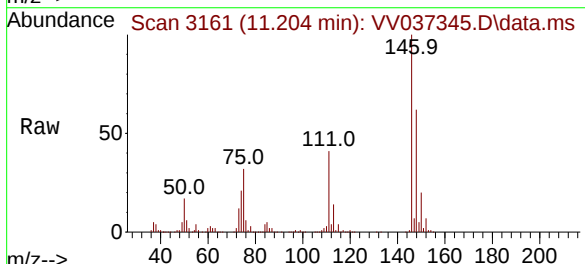
Tgt Ion:146 Resp: 274055

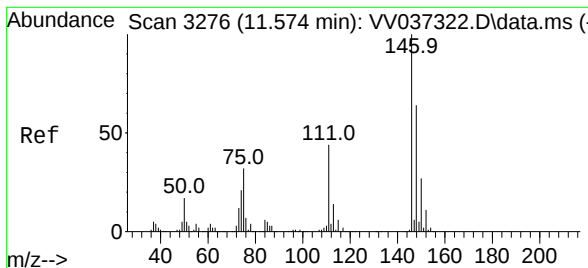
Ion Ratio Lower Upper

146 100

111 41.0 28.2 52.4

148 62.3 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 4.964 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.000 min

Lab File: VV037345.D

Acq: 18 Sep 2024 19:43

Instrument :

MSVOA_V

ClientSampleId :

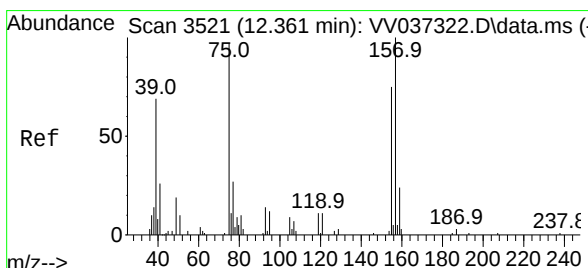
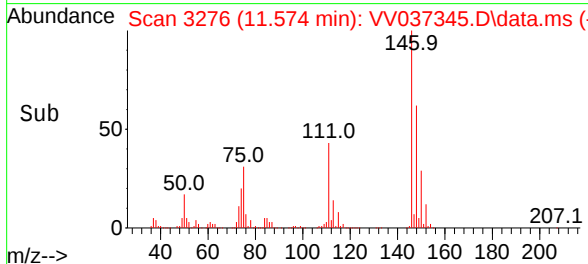
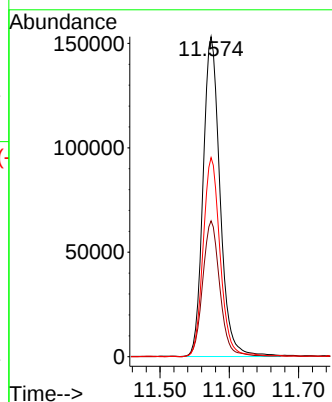
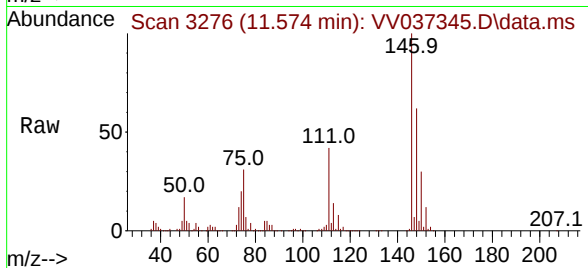
Tgt Ion:146 Resp: 259541

Ion Ratio Lower Upper

146 100

111 42.5 34.4 51.6

148 62.2 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.425 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV037345.D

Acq: 18 Sep 2024 19:43

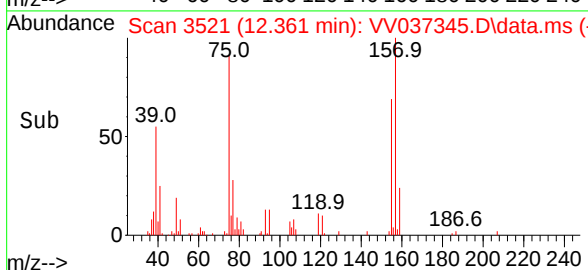
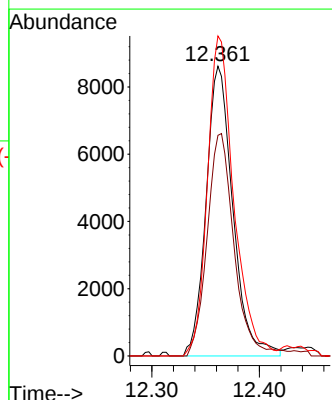
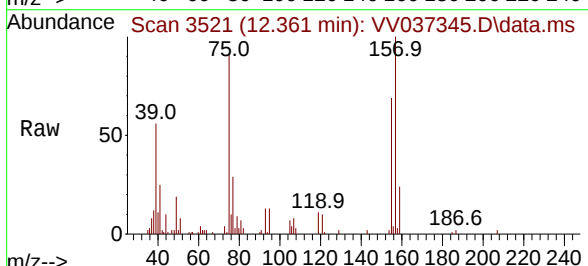
Tgt Ion: 75 Resp: 14883

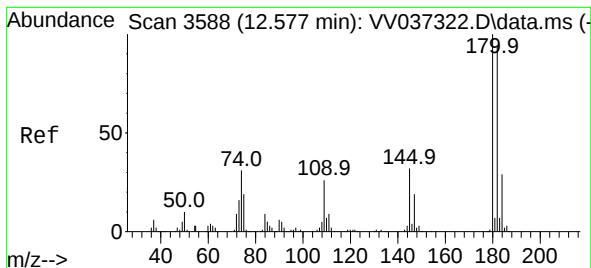
Ion Ratio Lower Upper

75 100

155 76.2 60.6 90.8

157 110.5 81.1 121.7





#69

1,3,5-Trichlorobenzene

Concen: 4.619 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

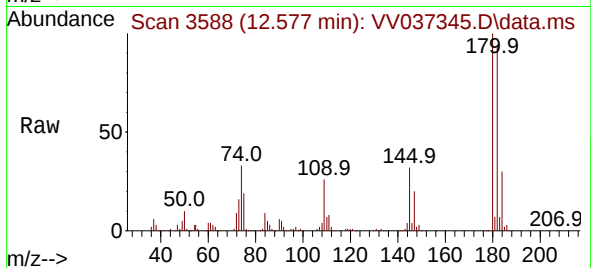
Lab File: VV037345.D

Acq: 18 Sep 2024 19:43

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 185756

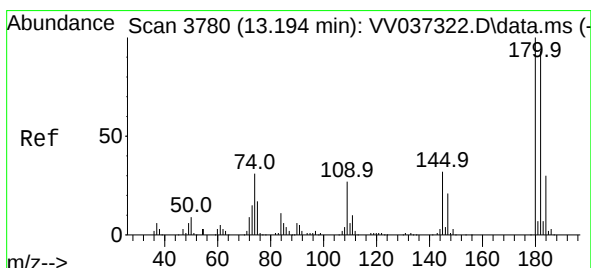
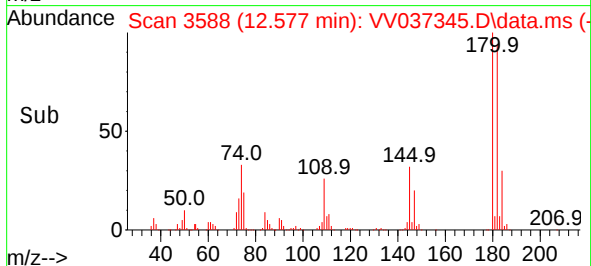
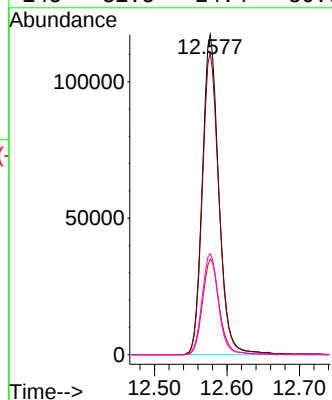
Ion Ratio Lower Upper

180 100

182 95.3 74.3 111.5

184 30.5 24.3 36.5

145 31.5 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 4.595 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV037345.D

Acq: 18 Sep 2024 19:43

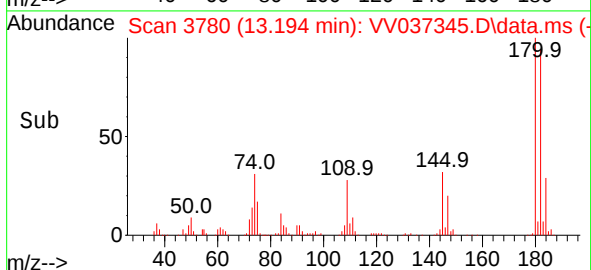
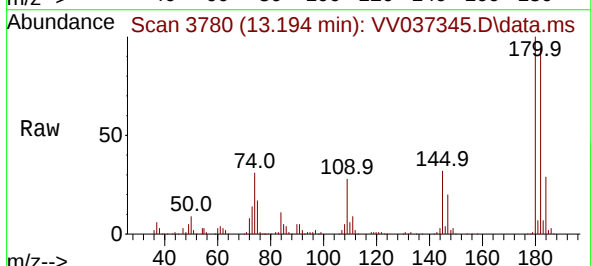
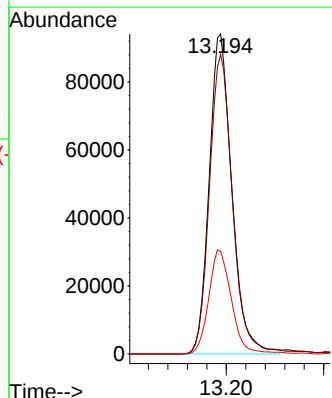
Tgt Ion:180 Resp: 152121

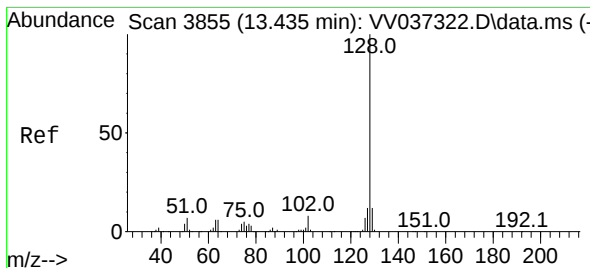
Ion Ratio Lower Upper

180 100

182 95.5 75.4 113.0

145 32.5 25.8 38.6





#71

Naphthalene

Concen: 4.175 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV037345.D

Acq: 18 Sep 2024 19:43

Instrument :

MSVOA_V

ClientSampleId :

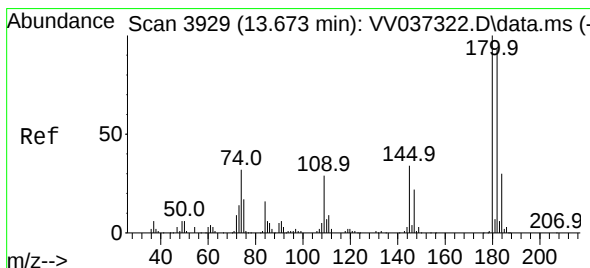
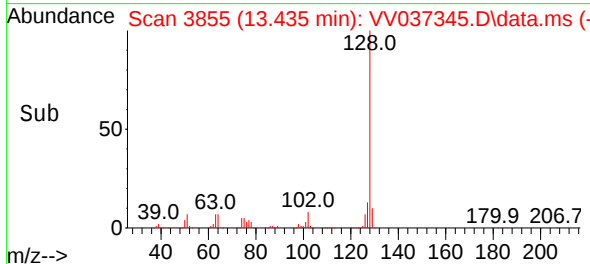
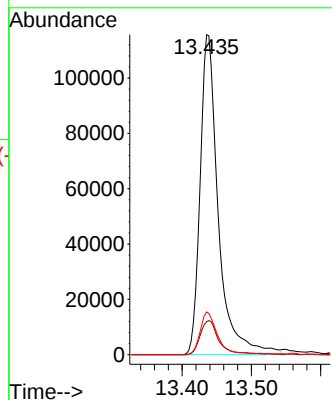
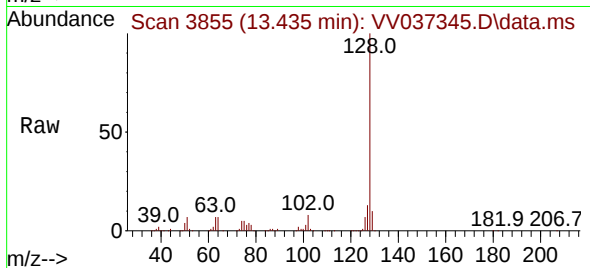
Tgt Ion:128 Resp: 211240

Ion Ratio Lower Upper

128 100

129 10.9 8.6 12.8

127 12.7 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.823 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037345.D

Acq: 18 Sep 2024 19:43

Tgt Ion:180 Resp: 132118

Ion Ratio Lower Upper

180 100

182 95.6 73.4 110.0

145 33.8 27.2 40.8

