

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037370.D
 Acq On : 19 Sep 2024 09:38
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 01:48:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 02:54:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	324453	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	326854	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	173494	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	98880	5.195	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.800%
7) Chloroethane-d5	1.529	69	86816	4.374	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.053	65	46262	4.706	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	3.831	46	253608	44.581	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.160%
24) Chloroform-d	4.240	84	212893	4.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	4.937	65	99309	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	4.950	84	402336	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	5.982	67	123771	4.542	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.236	98	379333	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	7.551	79	42518	4.743	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.024	63	218390	49.862	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.720%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	103293	4.650	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	135799	4.403	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	140010	4.646	ug/L	100
3) Chloromethane	1.214	50	133358	4.147	ug/L	97
5) Vinyl chloride	1.278	62	146064	4.621	ug/L	100
6) Bromomethane	1.484	94	58187	3.069	ug/L	100
8) Chloroethane	1.545	64	99022	5.210	ug/L	97
9) Trichlorofluoromethane	1.709	101	197859	5.033	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	119002	4.998	ug/L	100
12) 1,1-Dichloroethene	2.063	96	113535	4.993	ug/L	95
13) Acetone	2.159	43	180001	45.444	ug/L	94
14) Carbon disulfide	2.233	76	352394	4.915	ug/L	99
15) Methyl Acetate	2.388	43	43004	4.740	ug/L	100
16) Methylene chloride	2.442	84	126412	4.836	ug/L	98
17) Methyl tert-butyl Ether	2.700	73	262039	4.848	ug/L	100
18) trans-1,2-Dichloroethene	2.687	96	120700	5.045	ug/L	99
19) 1,1-Dichloroethane	3.105	63	223173	4.886	ug/L	99
21) 2-Butanone	3.905	43	268134	44.540	ug/L	93
22) cis-1,2-Dichloroethene	3.806	96	127897	4.946	ug/L	97
23) Bromochloromethane	4.143	128	55871	4.989	ug/L	98
25) Chloroform	4.265	83	229344	4.984	ug/L	95

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 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 01:48:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 02:54:38 2024
 Response via : Initial Calibration

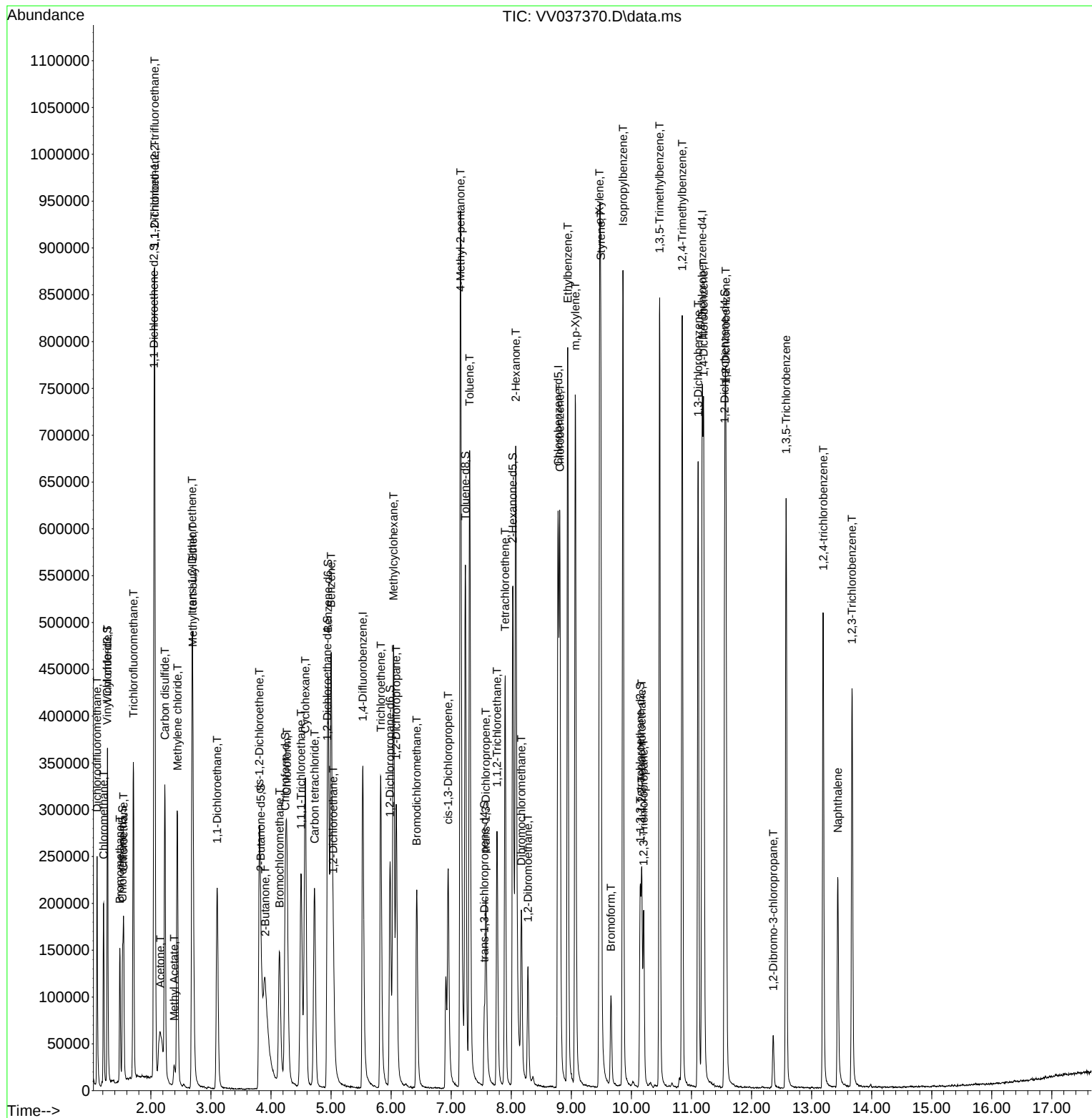
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	128541	4.937	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	192695	4.972	ug/L	98
30) Cyclohexane	4.571	56	174771	4.648	ug/L	99
31) Carbon tetrachloride	4.725	117	164432	4.985	ug/L	100
33) Benzene	5.002	78	498776	5.065	ug/L	100
34) Trichloroethene	5.828	95	128973	4.860	ug/L	97
35) Methylcyclohexane	6.040	83	194050	4.810	ug/L	99
37) 1,2-Dichloropropane	6.085	63	123012	4.909	ug/L	100
38) Bromodichloromethane	6.426	83	151895	4.842	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	162814	4.486	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	704122	49.085	ug/L	96
42) Toluene	7.307	91	524567	5.120	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	132883	4.537	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	92770	5.173	ug/L	99
47) Tetrachloroethene	7.899	164	96021	5.055	ug/L	98
48) 2-Hexanone	8.076	43	507295	48.384	ug/L	98
49) Dibromochloromethane	8.169	129	92660	4.932	ug/L	99
50) 1,2-Dibromoethane	8.278	107	86884	5.128	ug/L	96
51) Chlorobenzene	8.809	112	338539	4.963	ug/L	100
52) Ethylbenzene	8.940	91	560556	4.903	ug/L	100
53) m,p-Xylene	9.066	106	214808	5.106	ug/L	97
54) o-Xylene	9.471	106	207667	4.986	ug/L	99
55) Styrene	9.490	104	365702	5.179	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.172	83	111071	5.127	ug/L	94
59) Bromoform	9.661	173	43227	4.259	ug/L	96
60) Isopropylbenzene	9.860	105	559587	4.819	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	75534	4.784	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	447023	4.855	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	450075	4.866	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	270084	4.920	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	274240	4.871	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	254690	5.004	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.362	75	15259	4.661	ug/L	91
69) 1,3,5-Trichlorobenzene	12.577	180	191993	4.904	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	151381	4.698	ug/L	99
71) Naphthalene	13.435	128	197614	4.013	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	127580	4.784	ug/L	97

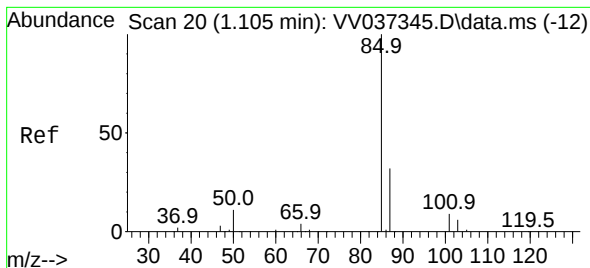
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
Data File : VV037370.D
Acq On : 19 Sep 2024 09:38
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Sample : VSTDC0005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 20 01:48:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 02:54:38 2024
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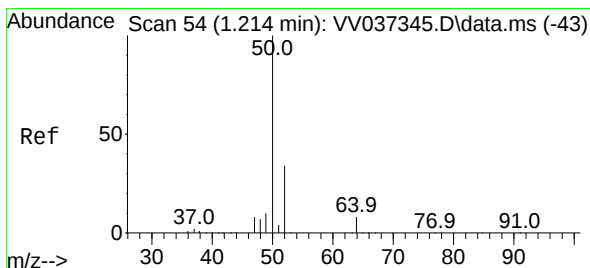
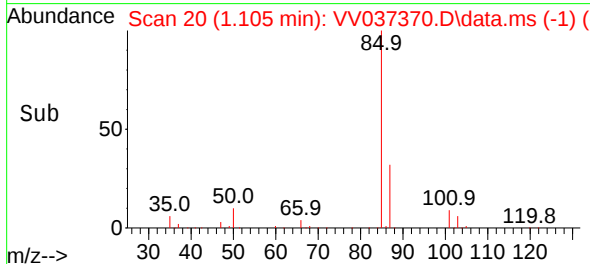
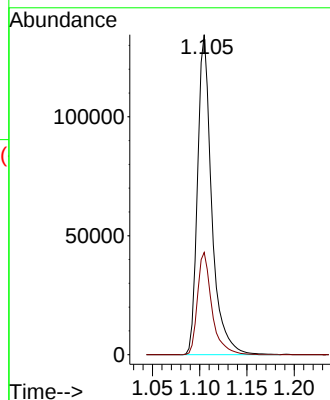
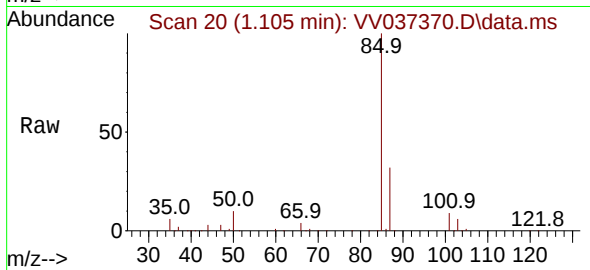




#2
 Dichlorodifluoromethane
 Concen: 4.646 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV037370.D
 Acq: 19 Sep 2024 09:38

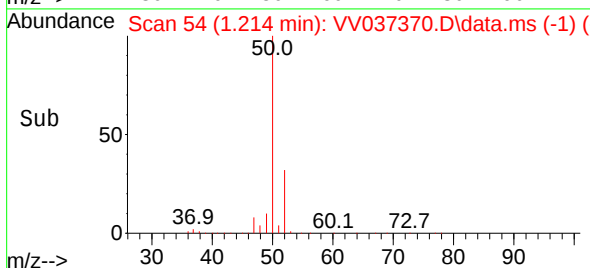
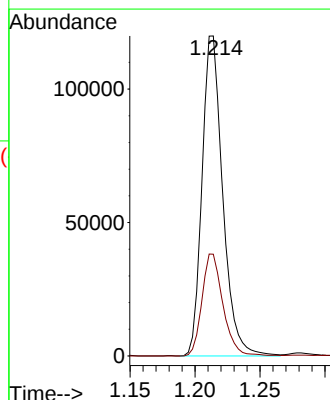
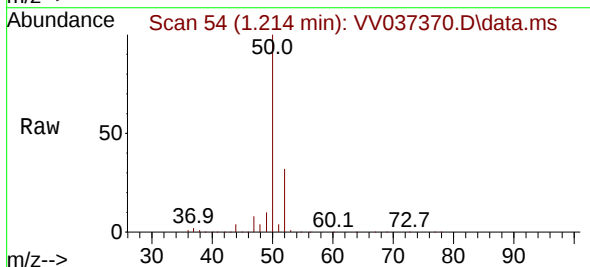
Instrument :
 MSVOA_V
 ClientSampleId :

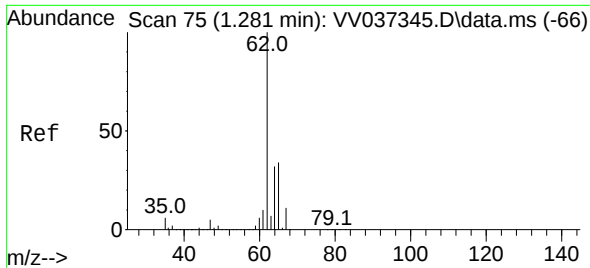
Tgt Ion: 85 Resp: 140010
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.8



#3
 Chloromethane
 Concen: 4.147 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV037370.D
 Acq: 19 Sep 2024 09:38

Tgt Ion: 50 Resp: 133358
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.3 43.3

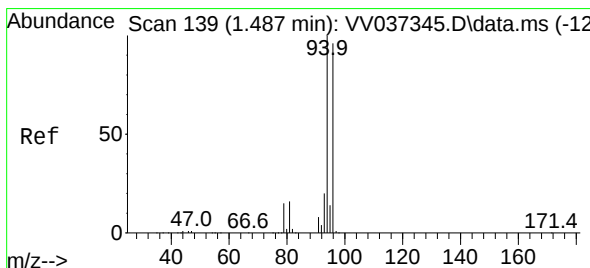
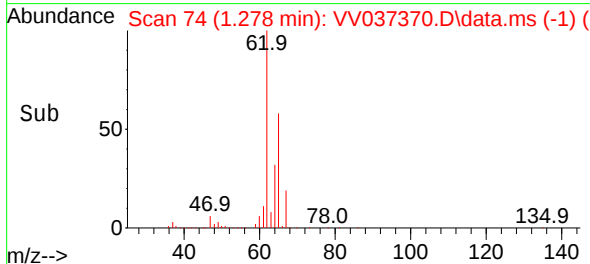
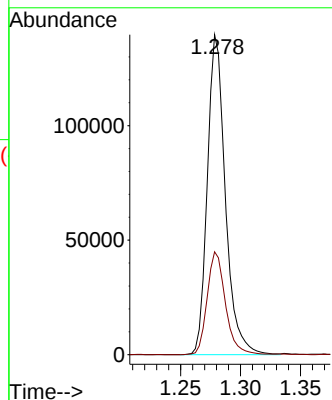
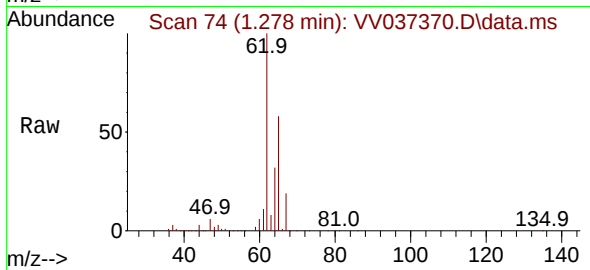




#5
 Vinyl chloride
 Concen: 4.621 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV037370.D
 Acq: 19 Sep 2024 09:38

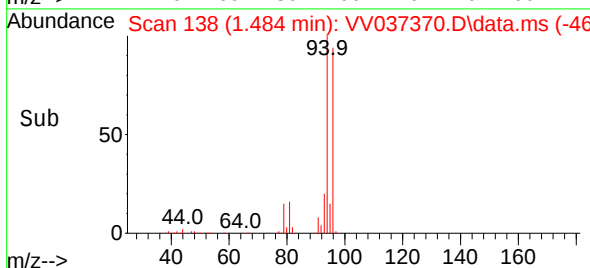
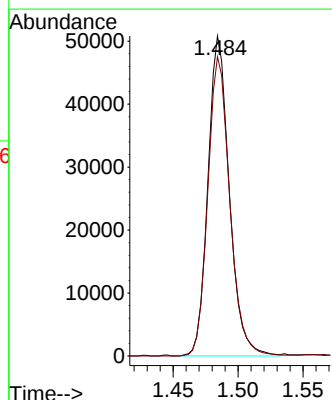
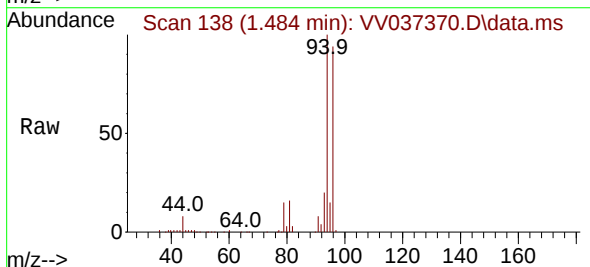
Instrument :
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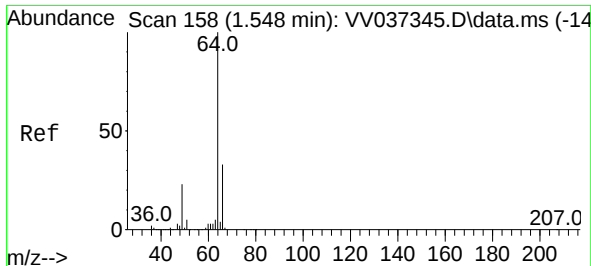
Tgt Ion: 62 Resp: 146064
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.4 41.6



#6
 Bromomethane
 Concen: 3.069 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV037370.D
 Acq: 19 Sep 2024 09:38

Tgt Ion: 94 Resp: 58187
 Ion Ratio Lower Upper
 94 100
 96 93.5 65.3 121.3

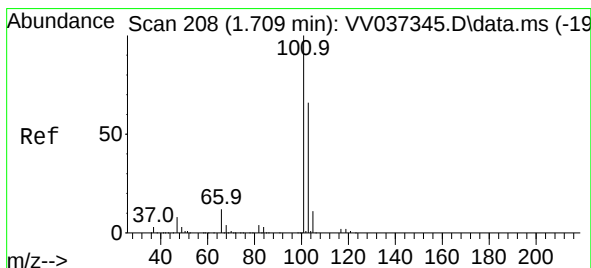
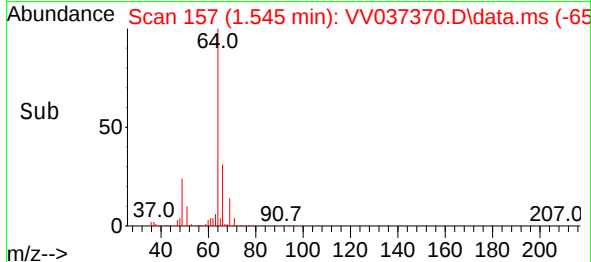
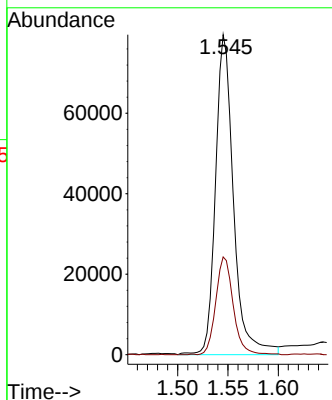
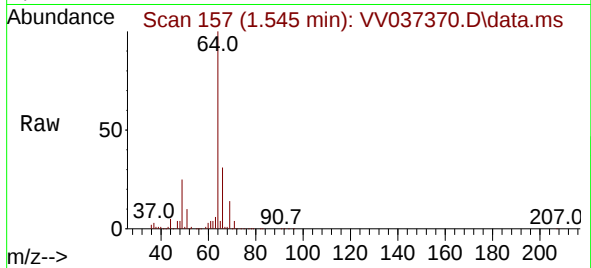




#8
Chloroethane
Concen: 5.210 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.003 min
Lab File: VV037370.D
Acq: 19 Sep 2024 09:38

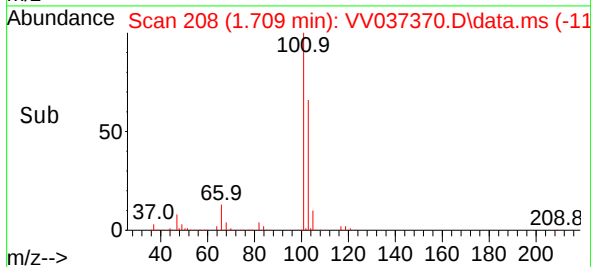
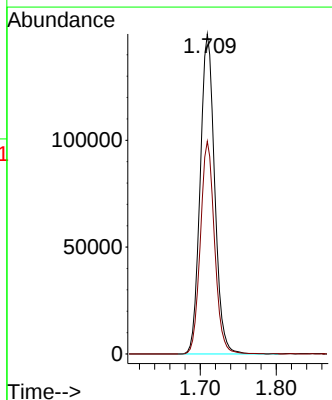
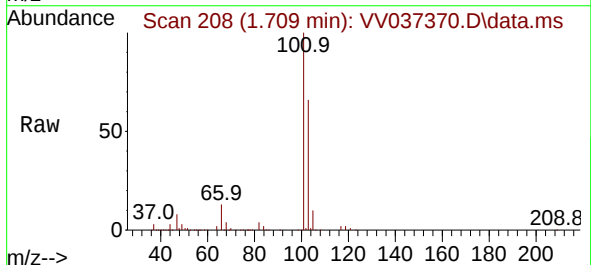
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MSVOA_V
ClientSampleId :

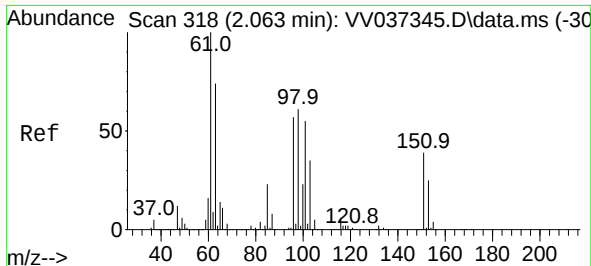
Tgt Ion: 64 Resp: 99022
Ion Ratio Lower Upper
64 100
66 30.6 22.7 42.1



#9
Trichlorofluoromethane
Concen: 5.033 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV037370.D
Acq: 19 Sep 2024 09:38

Tgt Ion:101 Resp: 197859
Ion Ratio Lower Upper
101 100
103 65.2 51.5 77.3

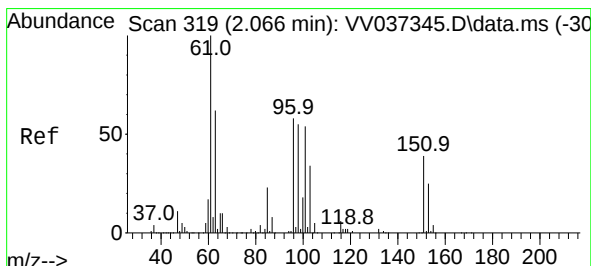
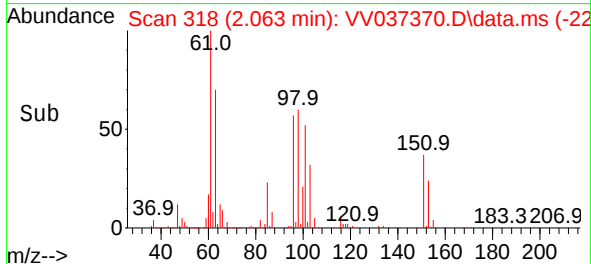
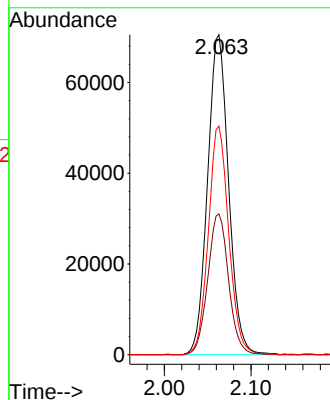
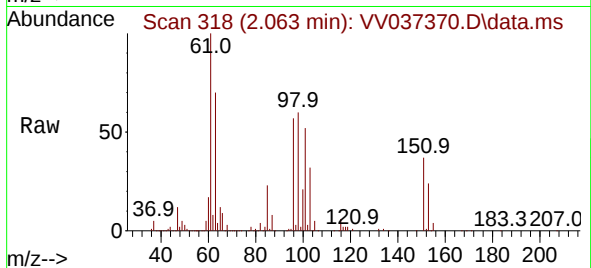




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.998 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV037370.D
 Acq: 19 Sep 2024 09:38

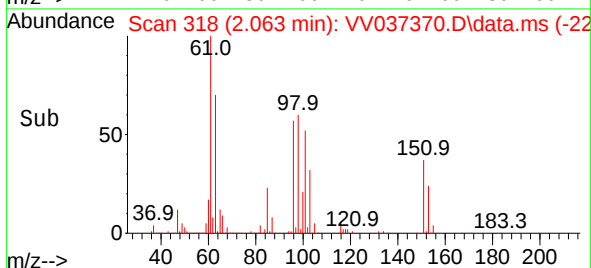
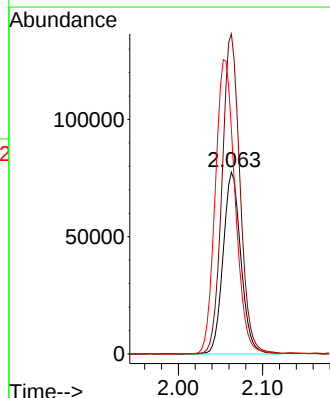
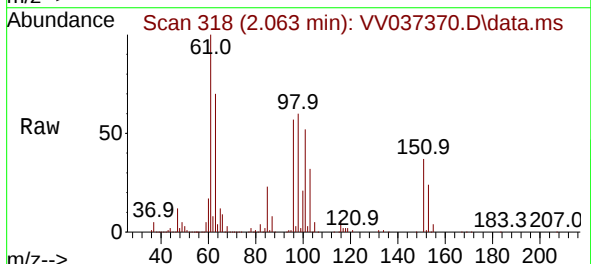
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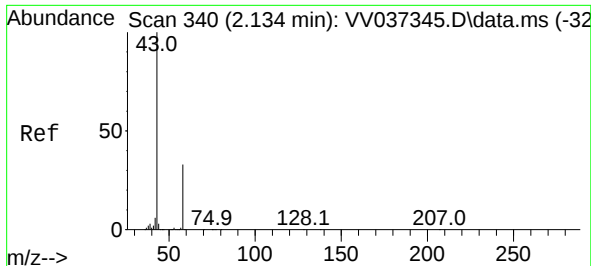
Tgt Ion:101 Resp: 119002
 Ion Ratio Lower Upper
 101 100
 85 43.6 35.1 52.7
 151 69.3 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 4.993 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV037370.D
 Acq: 19 Sep 2024 09:38

Tgt Ion: 96 Resp: 113535
 Ion Ratio Lower Upper
 96 100
 61 176.1 119.9 222.7
 63 123.6 81.4 151.2





#13

Acetone

Concen: 45.444 ug/L

RT: 2.159 min Scan# 34

Delta R.T. 0.026 min

Lab File: VV037370.D

Acq: 19 Sep 2024 09:38

Instrument :

MSVOA_V

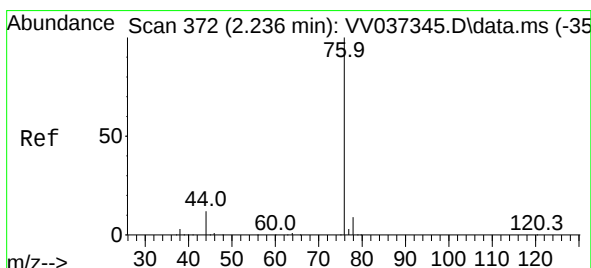
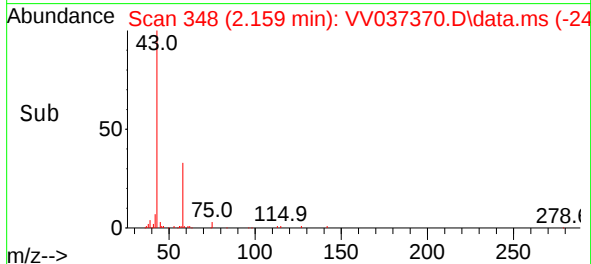
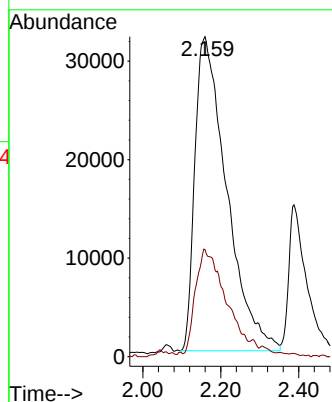
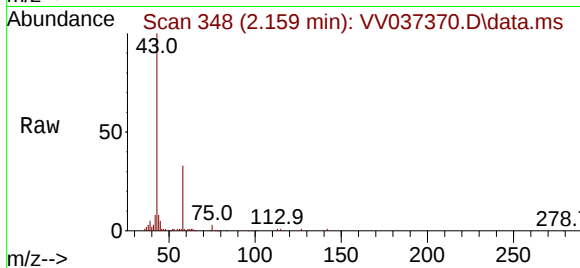
ClientSampleId :

Tgt Ion: 43 Resp: 180001

Ion Ratio Lower Upper

43 100

58 31.0 0.0 69.2



#14

Carbon disulfide

Concen: 4.915 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV037370.D

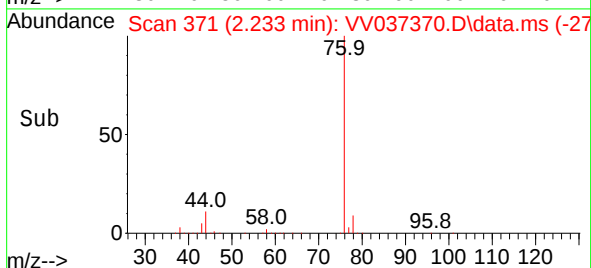
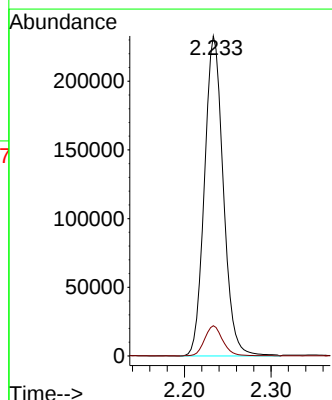
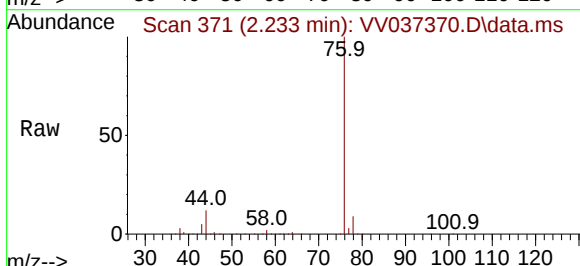
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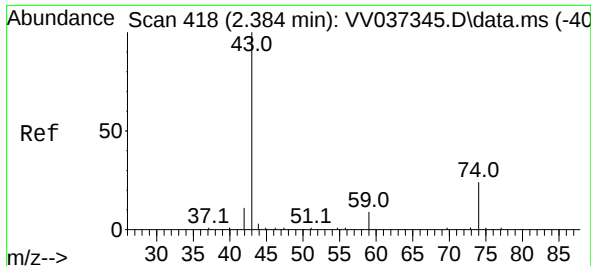
Tgt Ion: 76 Resp: 352394

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9





#15

Methyl Acetate

Concen: 4.740 ug/L

RT: 2.388 min Scan# 418

Delta R.T. 0.003 min

Lab File: VV037370.D

Acq: 19 Sep 2024 09:38

Instrument :

MSVOA_V

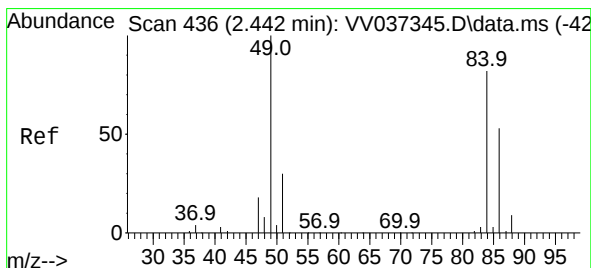
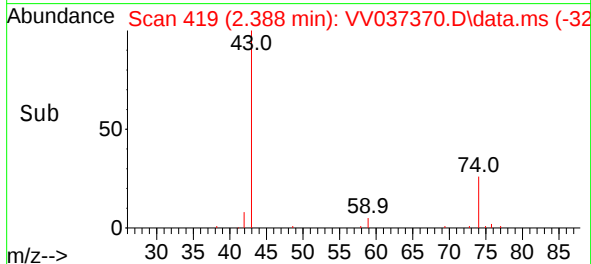
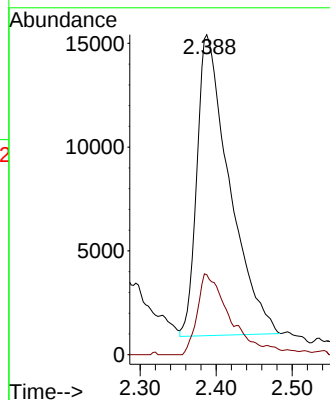
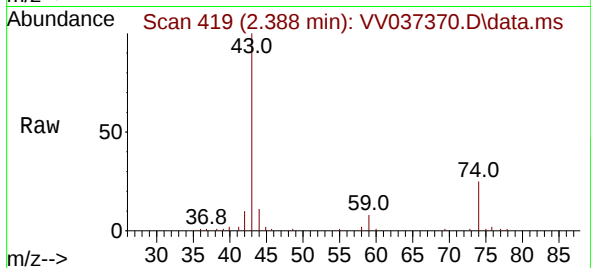
ClientSampleId :

Tgt Ion: 43 Resp: 43004

Ion Ratio Lower Upper

43 100

74 26.0 21.0 31.4



#16

Methylene chloride

Concen: 4.836 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037370.D

Acq: 19 Sep 2024 09:38

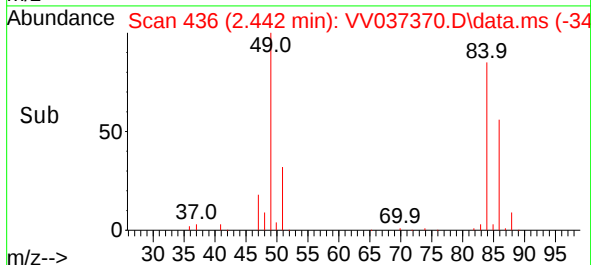
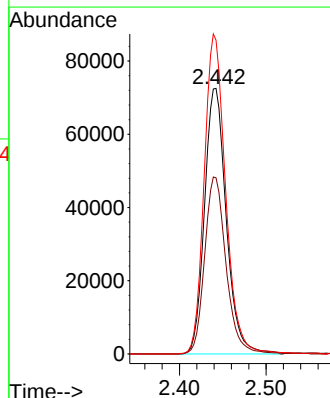
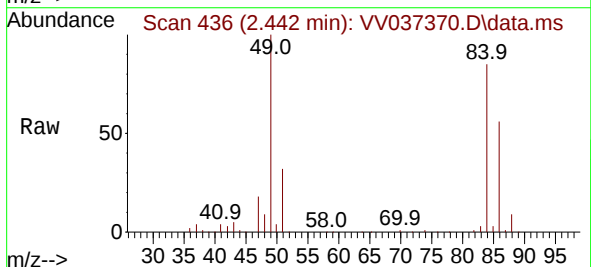
Tgt Ion: 84 Resp: 126412

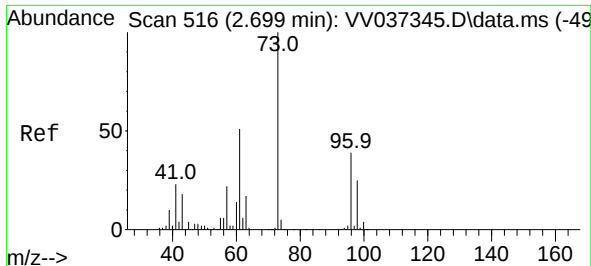
Ion Ratio Lower Upper

84 100

86 66.4 44.0 81.8

49 118.2 83.0 154.1

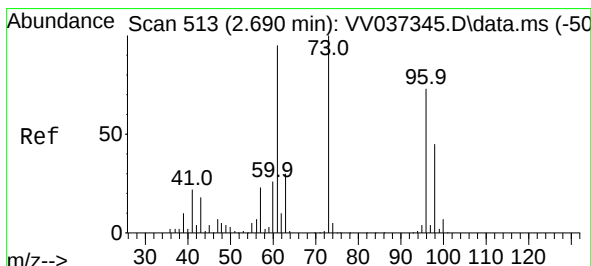
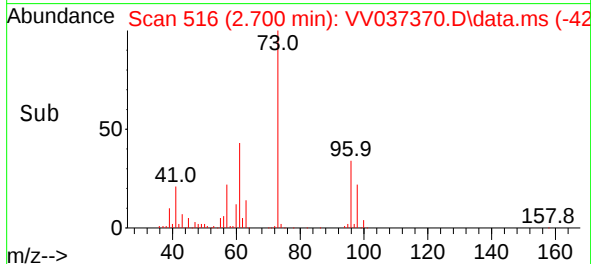
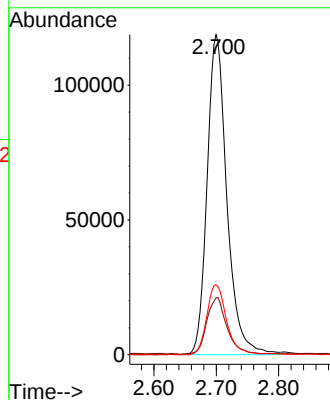
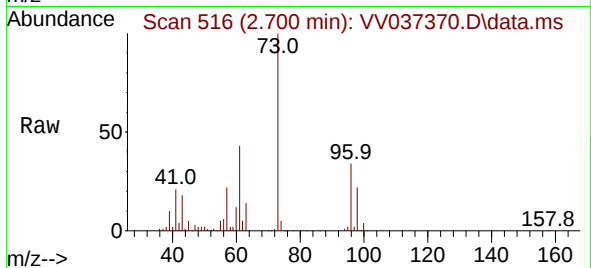




#17
Methyl tert-butyl Ether
Concen: 4.848 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV037370.D
Acq: 19 Sep 2024 09:38

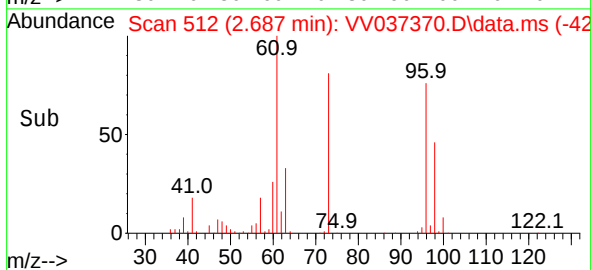
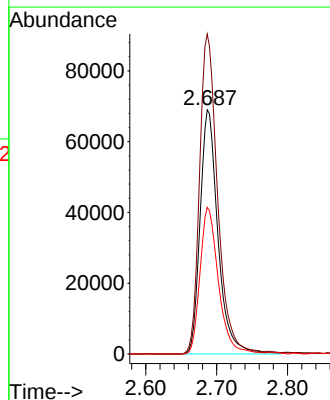
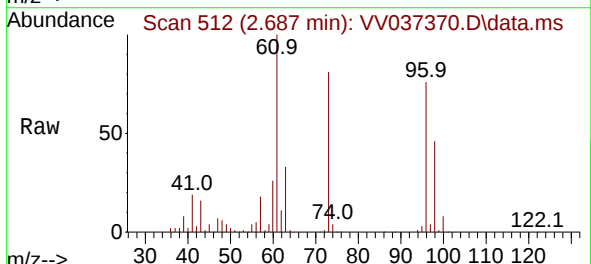
Instrument :
MSVOA_V
ClientSampleId :

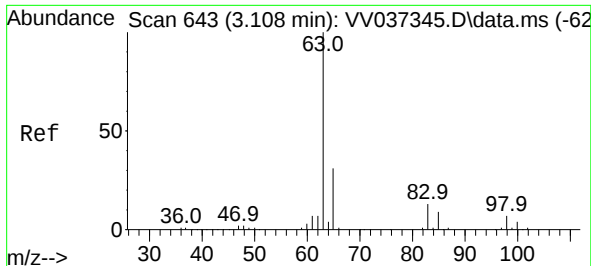
Tgt Ion: 73 Resp: 262039
Ion Ratio Lower Upper
73 100
43 18.0 14.5 21.7
57 21.7 17.7 26.5



#18
trans-1,2-Dichloroethene
Concen: 5.045 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.003 min
Lab File: VV037370.D
Acq: 19 Sep 2024 09:38

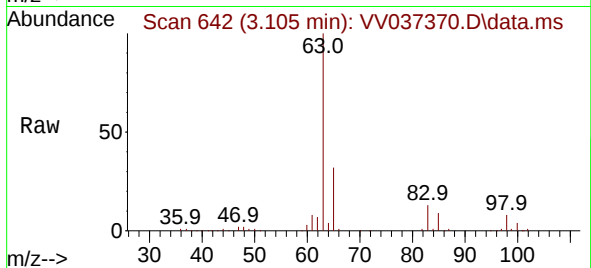
Tgt Ion: 96 Resp: 120700
Ion Ratio Lower Upper
96 100
61 131.1 92.8 172.4
98 60.0 43.0 79.8



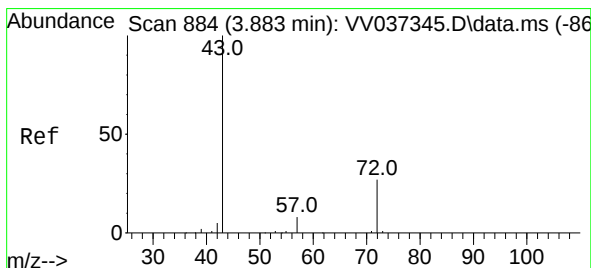
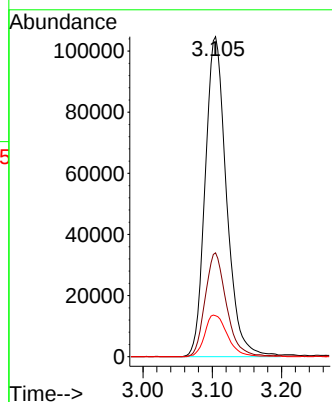
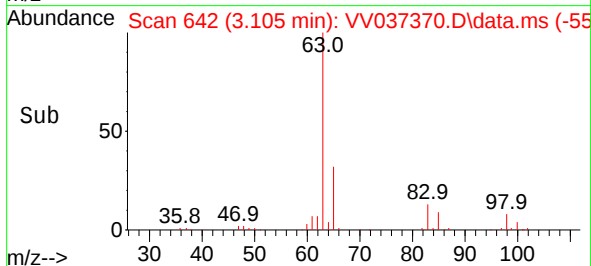


#19
1,1-Dichloroethane
Concen: 4.886 ug/L
RT: 3.105 min Scan# 64
Delta R.T. -0.003 min
Lab File: VV037370.D
Acq: 19 Sep 2024 09:38

Instrument :
MSVOA_V
ClientSampleId :

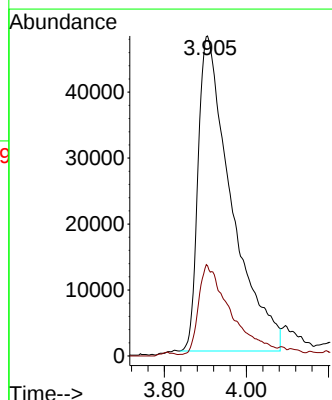
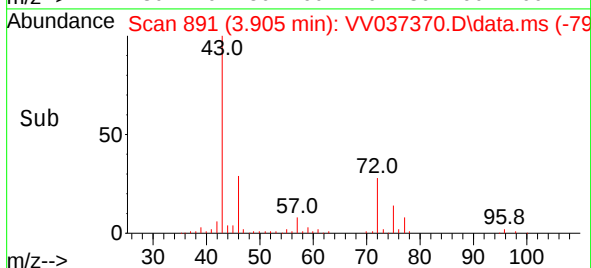
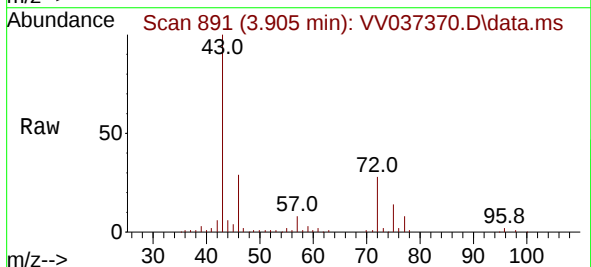


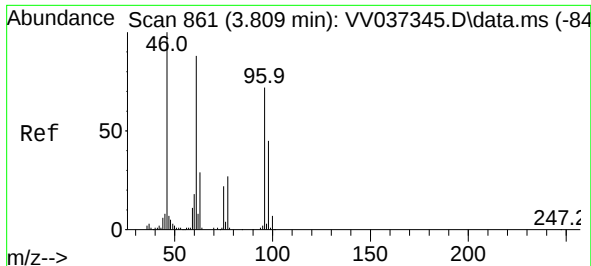
Tgt Ion: 63 Resp: 223173
Ion Ratio Lower Upper
63 100
65 32.4 22.5 41.7
83 12.8 8.9 16.5



#21
2-Butanone
Concen: 44.540 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.023 min
Lab File: VV037370.D
Acq: 19 Sep 2024 09:38

Tgt Ion: 43 Resp: 268134
Ion Ratio Lower Upper
43 100
72 27.8 12.2 36.6





#22

cis-1,2-Dichloroethene

Concen: 4.946 ug/L

RT: 3.806 min Scan# 860

Delta R.T. -0.003 min

Lab File: VV037370.D

Acq: 19 Sep 2024 09:38

Instrument :

MSVOA_V

ClientSampleId :

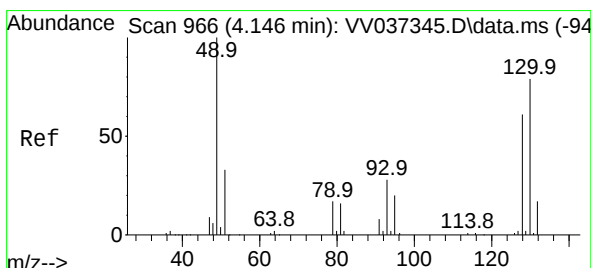
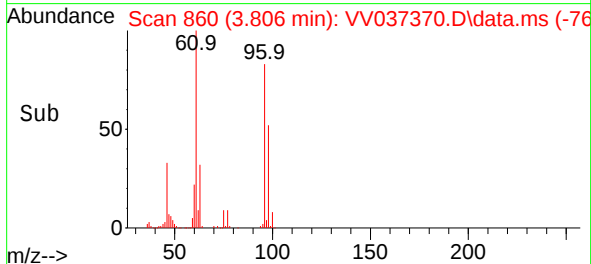
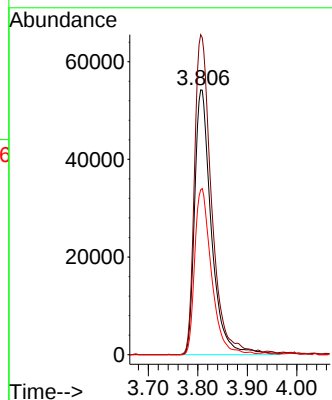
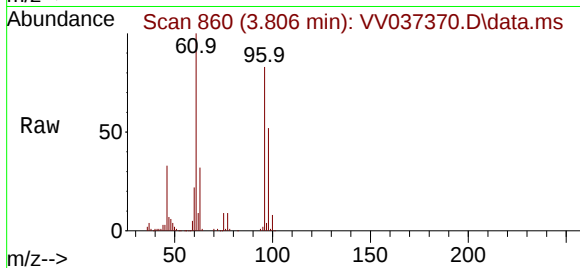
Tgt Ion: 96 Resp: 127897

Ion Ratio Lower Upper

96 100

61 120.9 87.6 162.6

98 62.3 44.9 83.5



#23

Bromochloromethane

Concen: 4.989 ug/L

RT: 4.143 min Scan# 965

Delta R.T. -0.003 min

Lab File: VV037370.D

Acq: 19 Sep 2024 09:38

Tgt Ion: 128 Resp: 55871

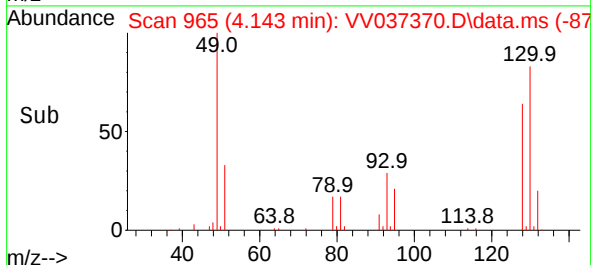
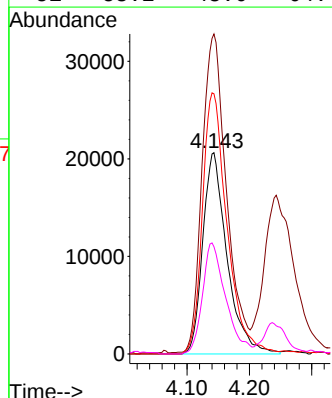
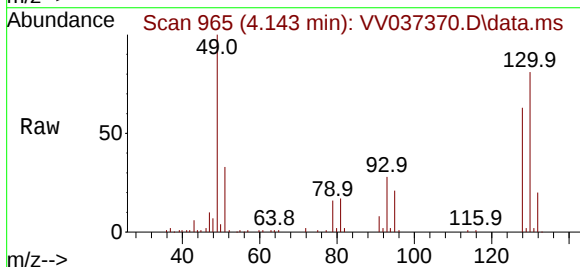
Ion Ratio Lower Upper

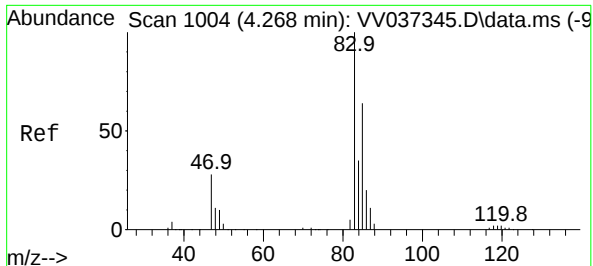
128 100

49 159.0 114.0 211.8

130 129.2 89.3 165.9

51 53.2 43.0 64.4





#25

Chloroform

Concen: 4.984 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV037370.D

Acq: 19 Sep 2024 09:38

Instrument :

MSVOA_V

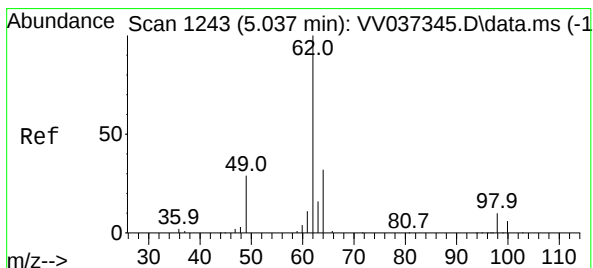
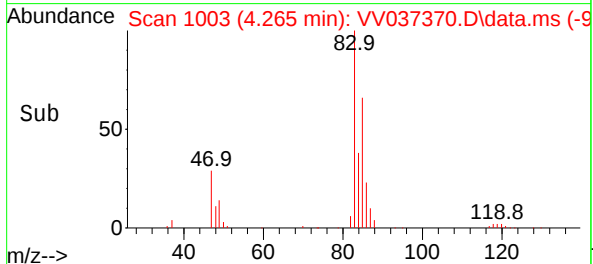
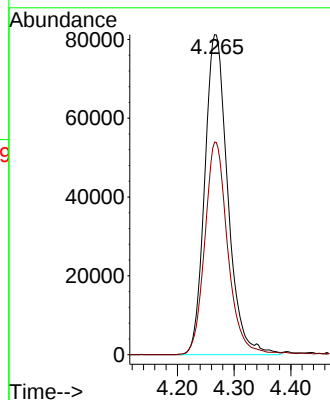
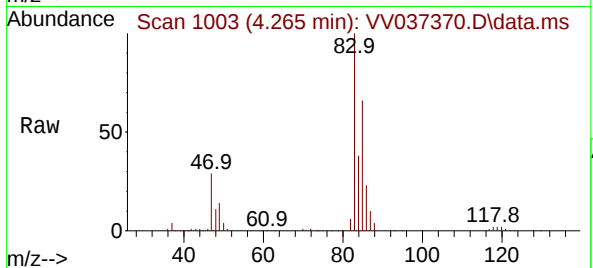
ClientSampleId :

Tgt Ion: 83 Resp: 229344

Ion Ratio Lower Upper

83 100

85 66.4 43.8 81.4



#27

1,2-Dichloroethane

Concen: 4.937 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV037370.D

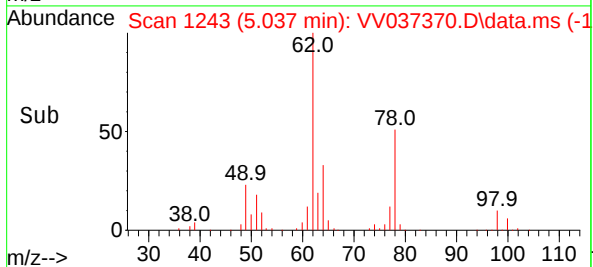
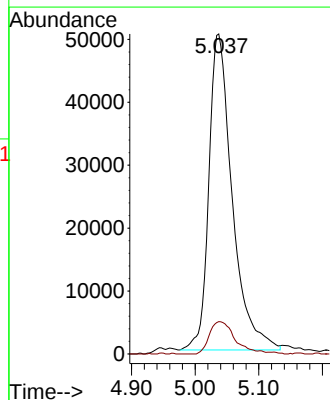
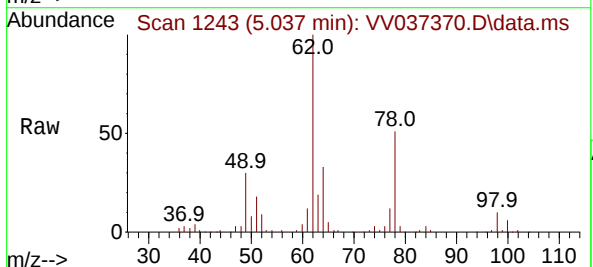
Acq: 19 Sep 2024 09:38

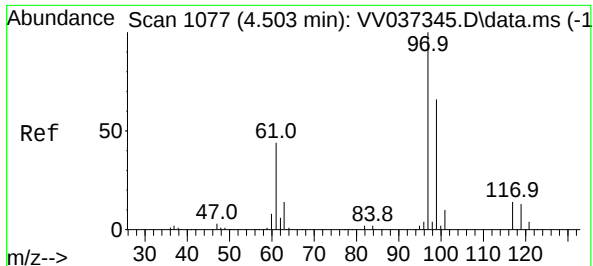
Tgt Ion: 62 Resp: 128541

Ion Ratio Lower Upper

62 100

98 10.1 8.2 12.4

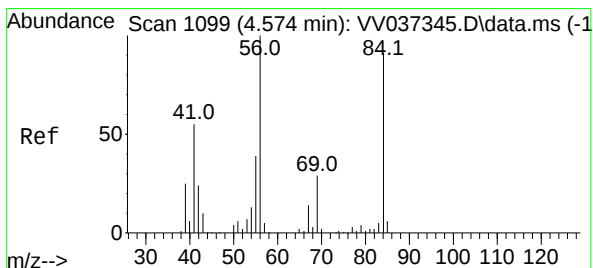
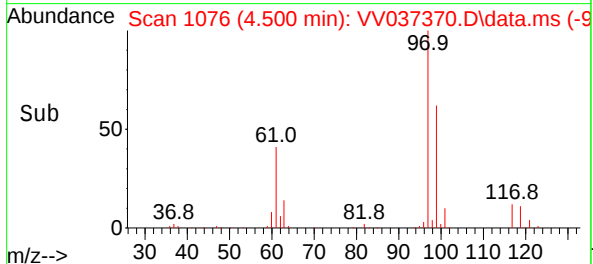
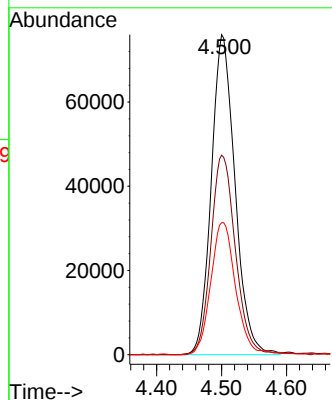
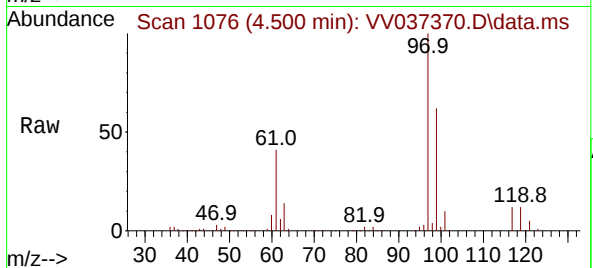




#29
1,1,1-Trichloroethane
Concen: 4.972 ug/L
RT: 4.500 min Scan# 1077
Delta R.T. -0.003 min
Lab File: VV037370.D
Acq: 19 Sep 2024 09:38

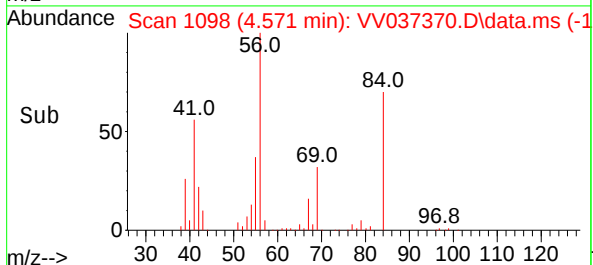
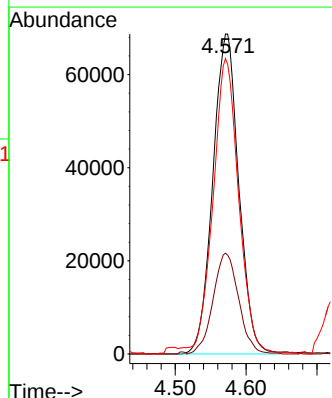
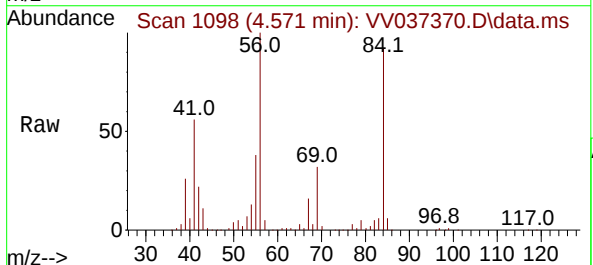
Instrument :
MSVOA_V
ClientSampleId :

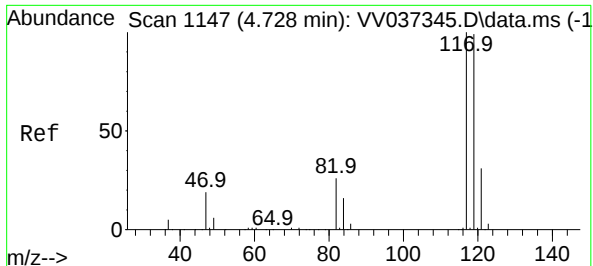
Tgt Ion: 97 Resp: 192695
Ion Ratio Lower Upper
97 100
99 64.5 50.0 75.0
61 43.7 34.3 51.5



#30
Cyclohexane
Concen: 4.648 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.003 min
Lab File: VV037370.D
Acq: 19 Sep 2024 09:38

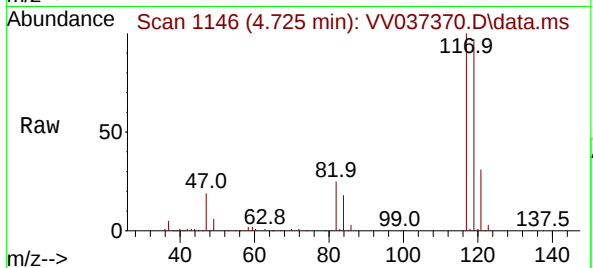
Tgt Ion: 56 Resp: 174771
Ion Ratio Lower Upper
56 100
69 31.1 24.1 36.1
84 90.4 73.1 109.7



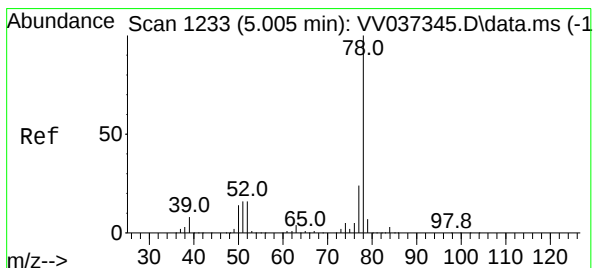
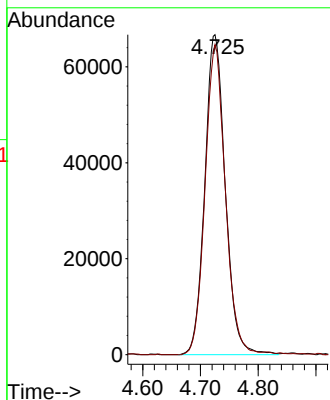
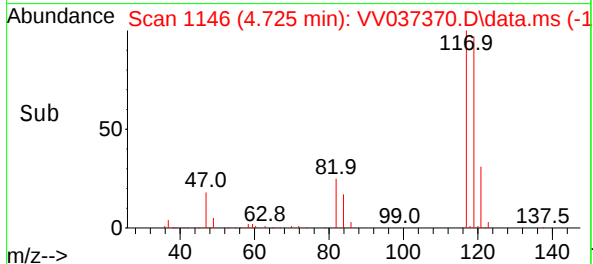


#31
Carbon tetrachloride
Concen: 4.985 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.003 min
Lab File: VV037370.D
Acq: 19 Sep 2024 09:38

Instrument :
MSVOA_V
ClientSampleId :

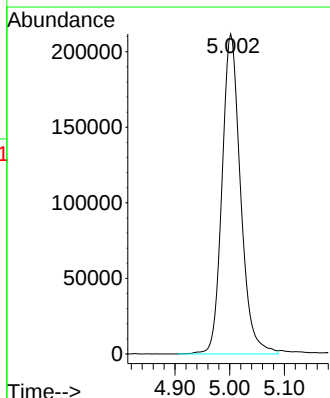
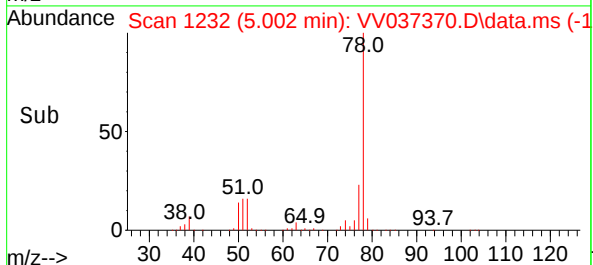
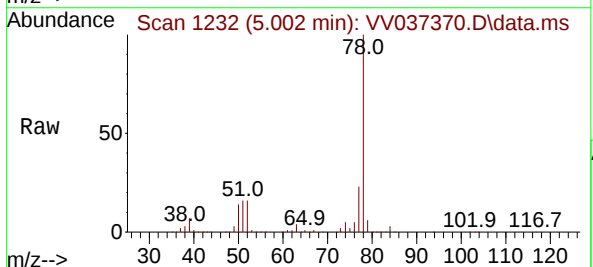


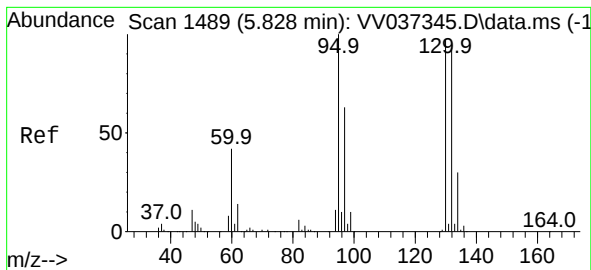
Tgt Ion:117 Resp: 164432
Ion Ratio Lower Upper
117 100
119 95.6 76.2 114.4



#33
Benzene
Concen: 5.065 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.003 min
Lab File: VV037370.D
Acq: 19 Sep 2024 09:38

Tgt Ion: 78 Resp: 498776





#34

Trichloroethene

Concen: 4.860 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

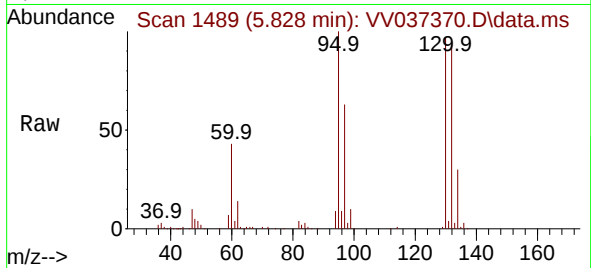
Lab File: VV037370.D

Acq: 19 Sep 2024 09:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 128973

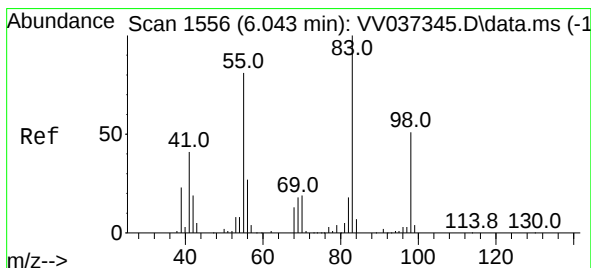
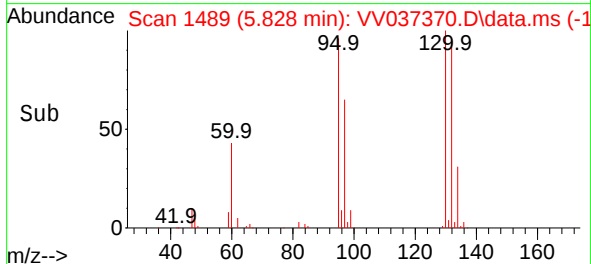
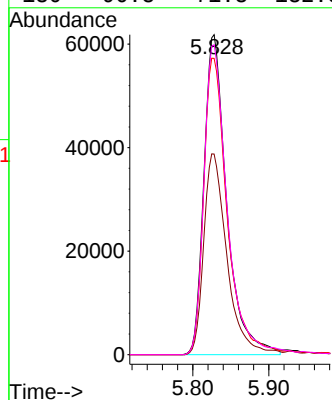
Ion Ratio Lower Upper

95 100

97 62.7 46.5 86.5

132 92.6 65.5 121.7

130 96.8 71.3 132.3



#35

Methylcyclohexane

Concen: 4.810 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.003 min

Lab File: VV037370.D

Acq: 19 Sep 2024 09:38

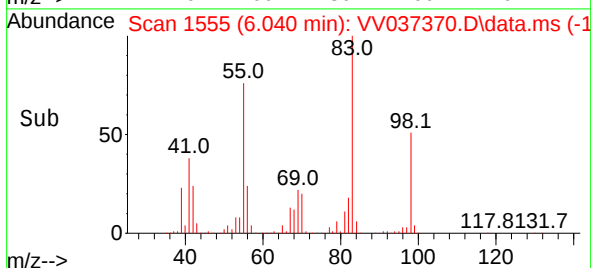
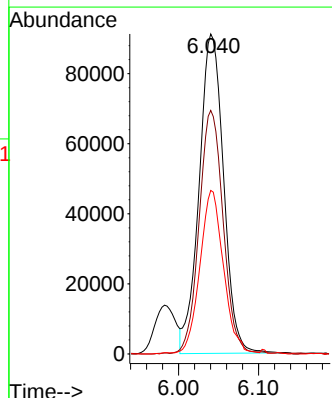
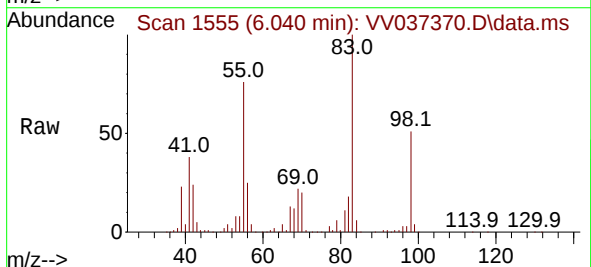
Tgt Ion: 83 Resp: 194050

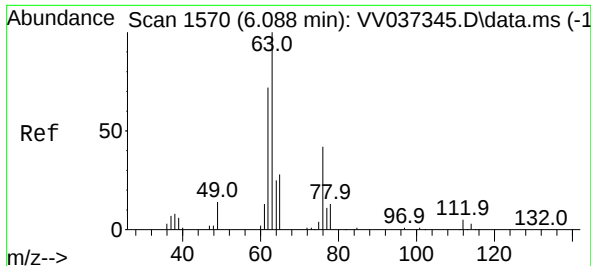
Ion Ratio Lower Upper

83 100

55 74.7 60.3 90.5

98 48.5 38.2 57.4

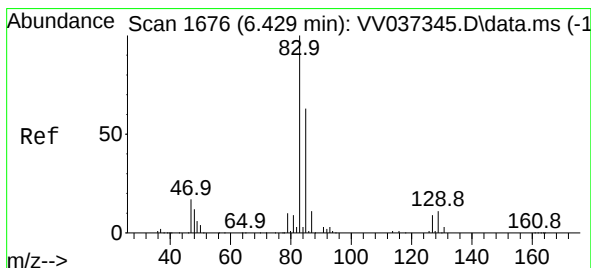
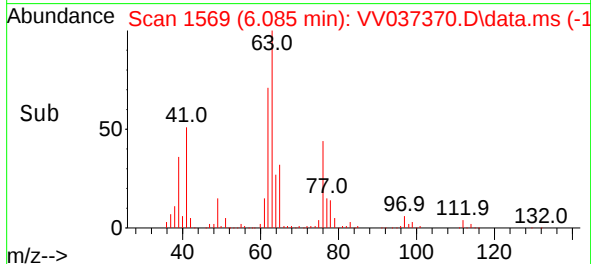
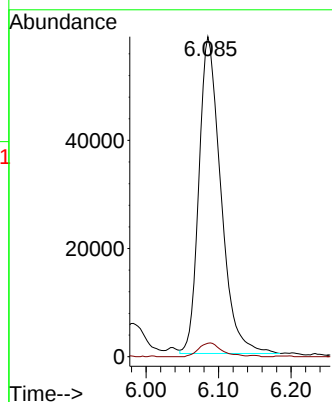
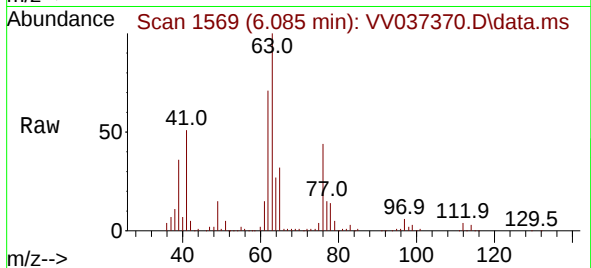




#37
1,2-Dichloropropane
Concen: 4.909 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV037370.D
Acq: 19 Sep 2024 09:38

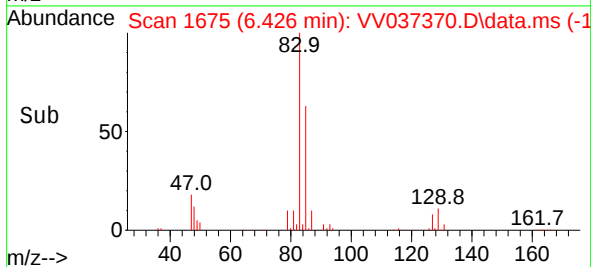
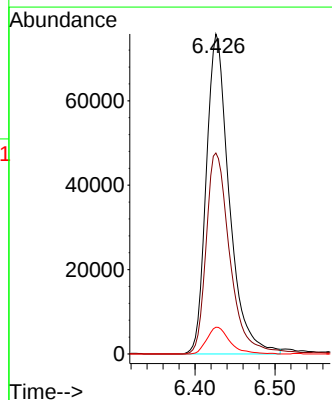
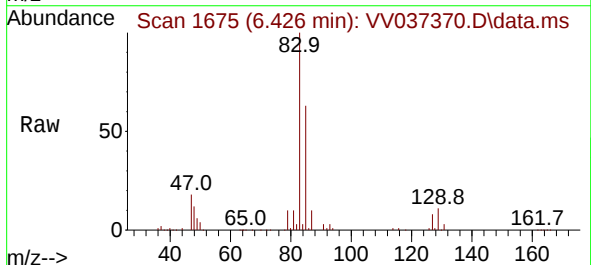
Instrument :
MSVOA_V
ClientSampleId :

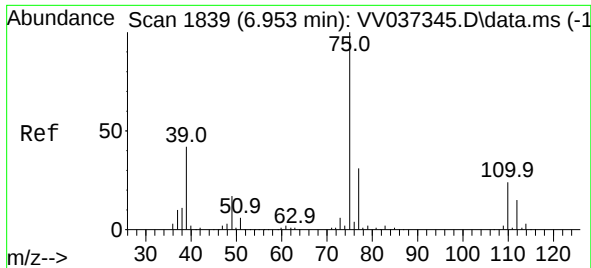
Tgt Ion: 63 Resp: 123012
Ion Ratio Lower Upper
63 100
112 4.6 3.7 5.5



#38
Bromodichloromethane
Concen: 4.842 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV037370.D
Acq: 19 Sep 2024 09:38

Tgt Ion: 83 Resp: 151895
Ion Ratio Lower Upper
83 100
85 62.8 43.7 81.1
127 8.4 6.7 10.1

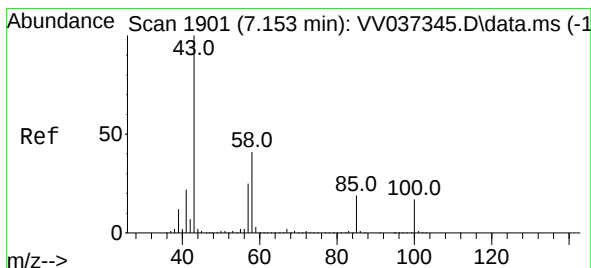
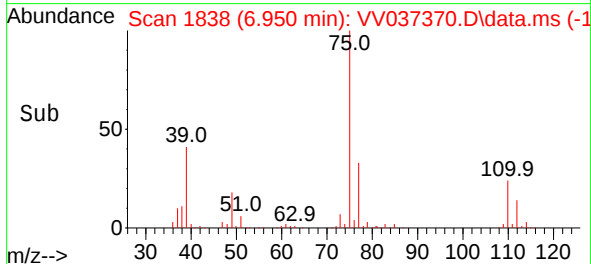
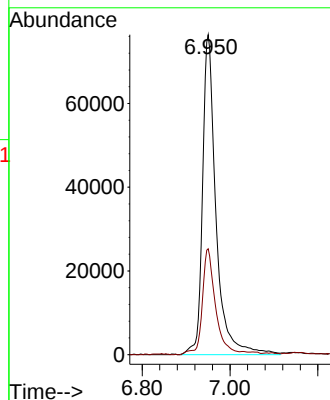
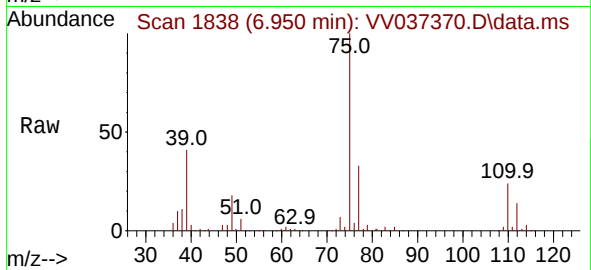




#39
cis-1,3-Dichloropropene
Concen: 4.486 ug/L
RT: 6.950 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV037370.D
Acq: 19 Sep 2024 09:38

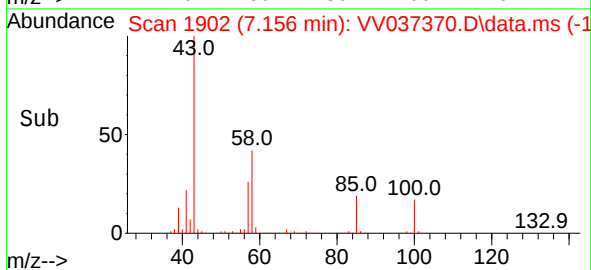
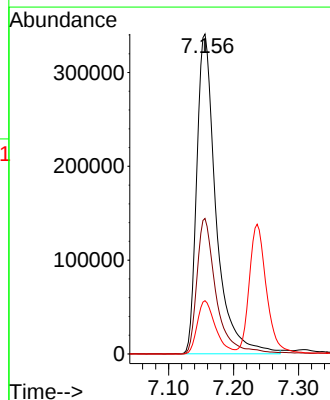
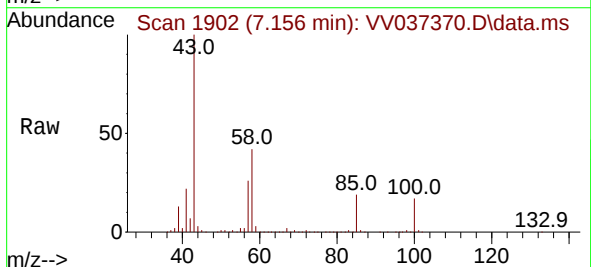
Instrument :
MSVOA_V
ClientSampleId :

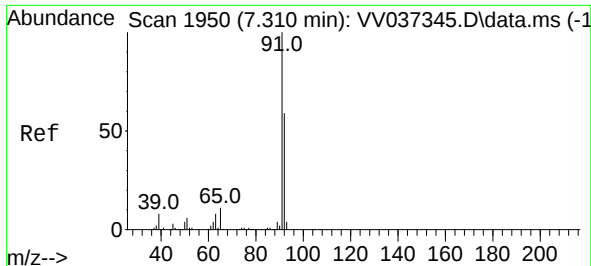
Tgt Ion: 75 Resp: 162814
Ion Ratio Lower Upper
75 100
77 33.1 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 49.085 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. 0.003 min
Lab File: VV037370.D
Acq: 19 Sep 2024 09:38

Tgt Ion: 43 Resp: 704122
Ion Ratio Lower Upper
43 100
58 42.6 31.7 47.5
100 15.8 12.6 19.0





#42

Toluene

Concen: 5.120 ug/L

RT: 7.307 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VV037370.D

Acq: 19 Sep 2024 09:38

Instrument :

MSVOA_V

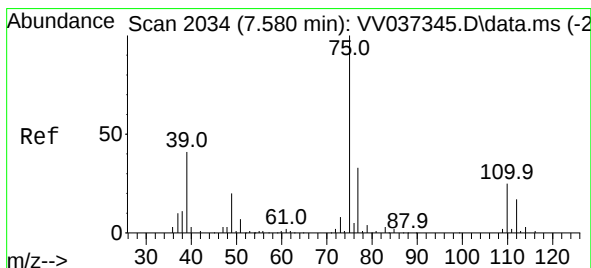
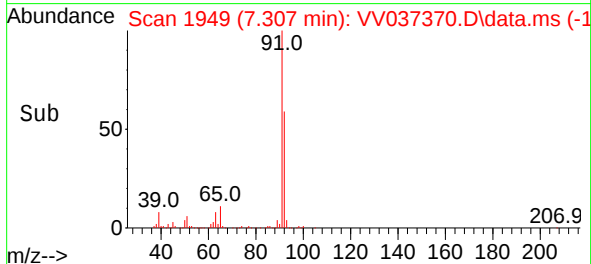
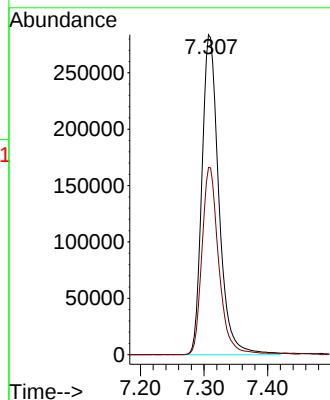
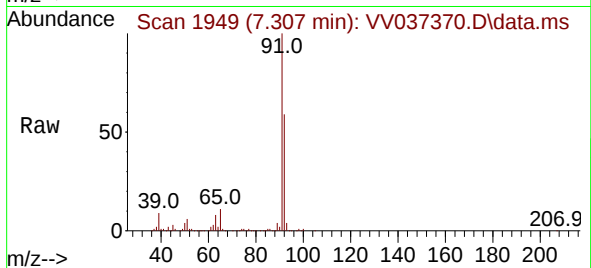
ClientSampleId :

Tgt Ion: 91 Resp: 524567

Ion Ratio Lower Upper

91 100

92 58.5 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 4.537 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV037370.D

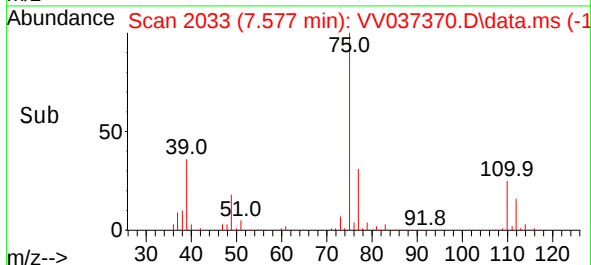
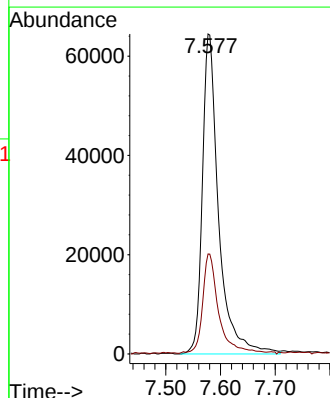
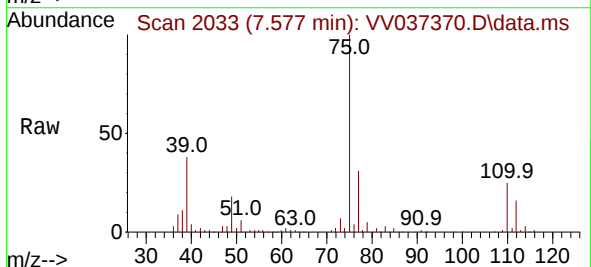
Acq: 19 Sep 2024 09:38

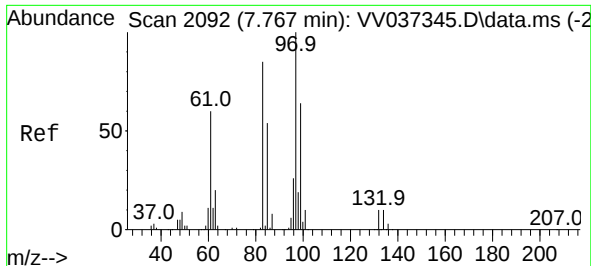
Tgt Ion: 75 Resp: 132883

Ion Ratio Lower Upper

75 100

77 31.2 20.9 38.9





#45

1,1,2-Trichloroethane

Concen: 5.173 ug/L

RT: 7.764 min Scan# 2092

Delta R.T. -0.003 min

Lab File: VV037370.D

Acq: 19 Sep 2024 09:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 92770

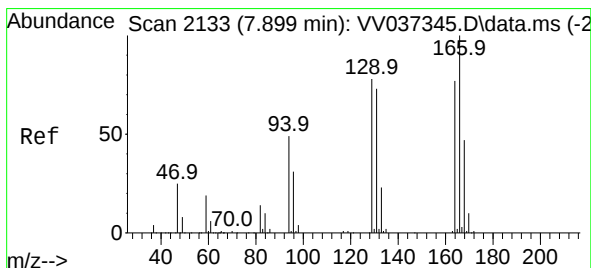
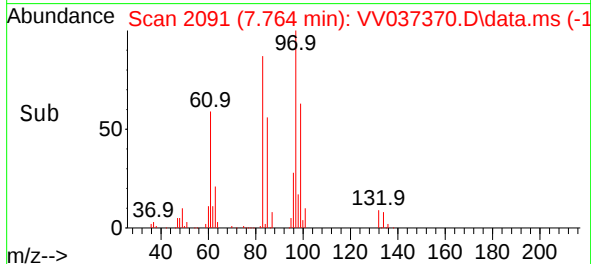
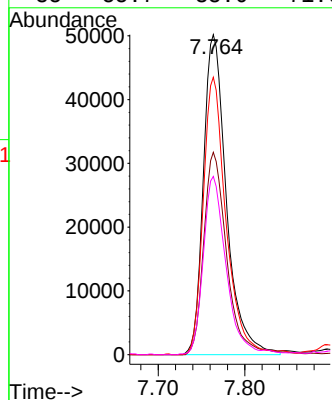
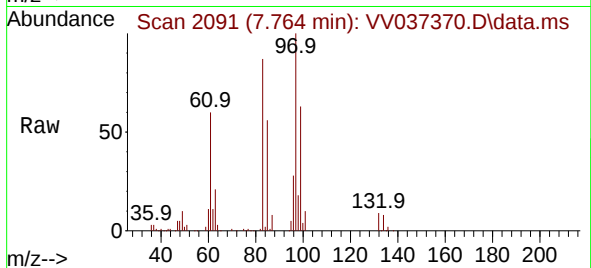
Ion Ratio Lower Upper

97 100

99 63.2 43.1 80.1

83 86.7 61.0 113.4

85 55.7 38.6 71.6



#47

Tetrachloroethene

Concen: 5.055 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.000 min

Lab File: VV037370.D

Acq: 19 Sep 2024 09:38

Tgt Ion:164 Resp: 96021

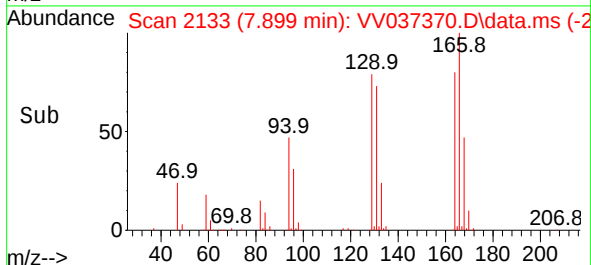
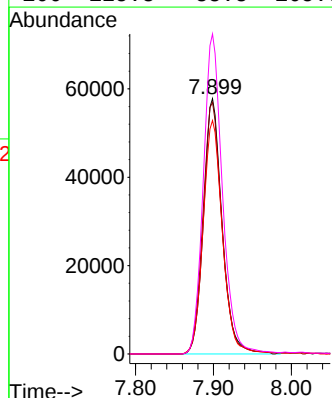
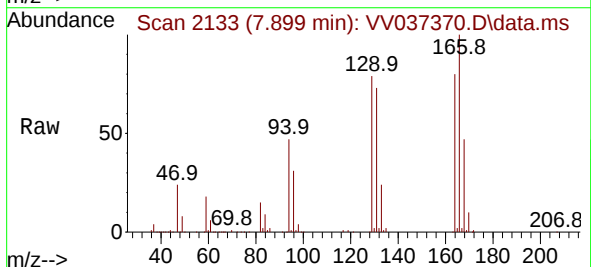
Ion Ratio Lower Upper

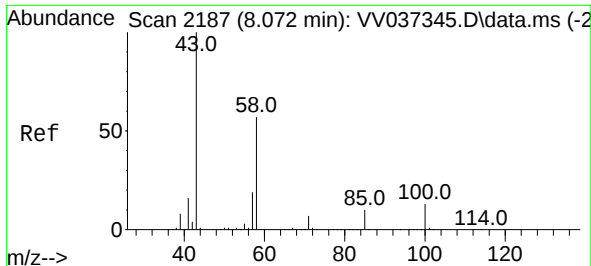
164 100

129 98.6 69.2 128.4

131 91.4 66.6 123.8

166 125.3 88.8 165.0

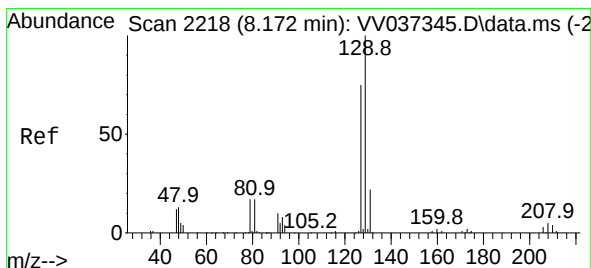
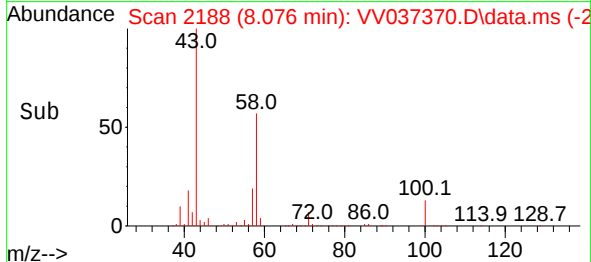
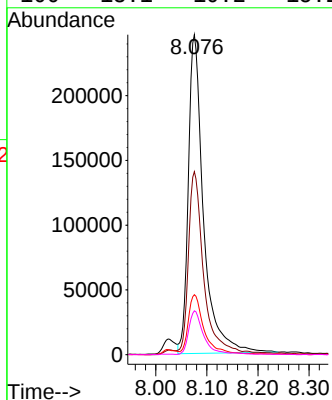
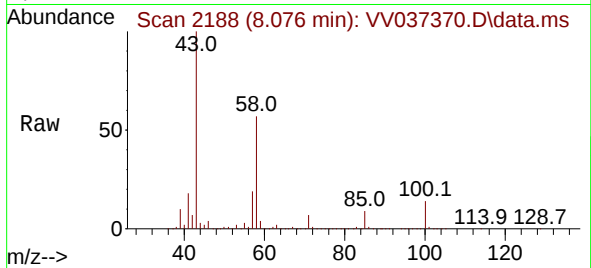




#48
2-Hexanone
Concen: 48.384 ug/L
RT: 8.076 min Scan# 2187
Delta R.T. 0.003 min
Lab File: VV037370.D
Acq: 19 Sep 2024 09:38

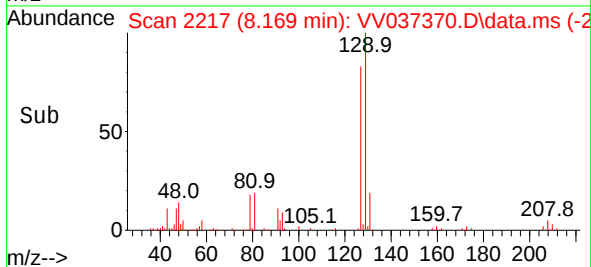
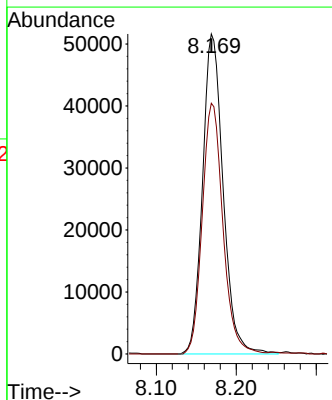
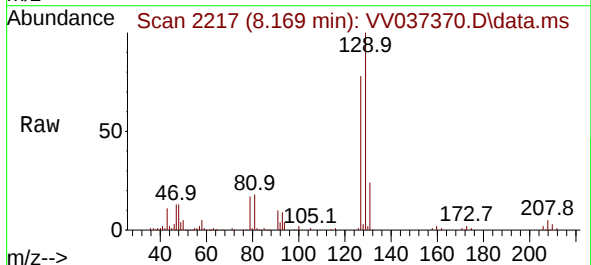
Instrument :
MSVOA_V
ClientSampleId :

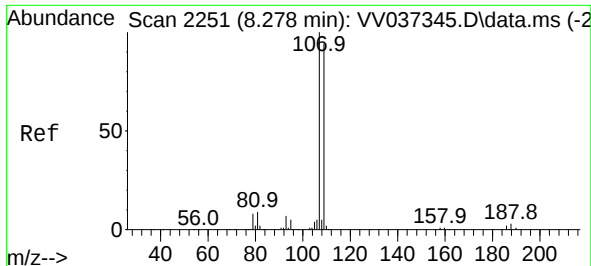
Tgt Ion: 43 Resp: 507295
Ion Ratio Lower Upper
43 100
58 55.3 45.5 68.3
57 18.7 15.3 22.9
100 13.1 10.2 15.2



#49
Dibromochloromethane
Concen: 4.932 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.003 min
Lab File: VV037370.D
Acq: 19 Sep 2024 09:38

Tgt Ion: 129 Resp: 92660
Ion Ratio Lower Upper
129 100
127 78.3 54.5 101.1





#50

1,2-Dibromoethane

Concen: 5.128 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037370.D

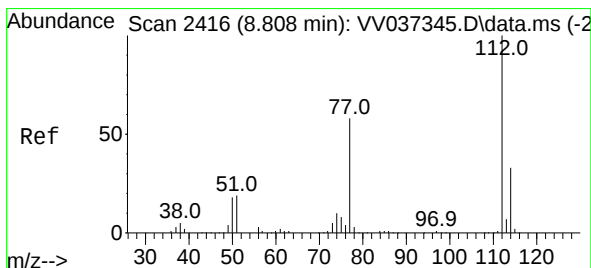
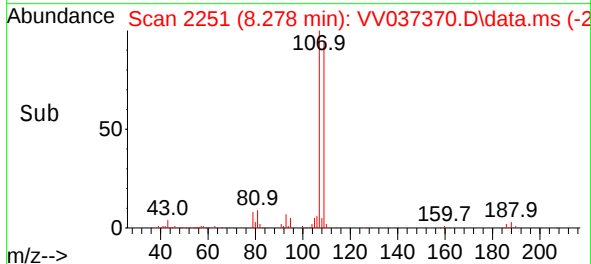
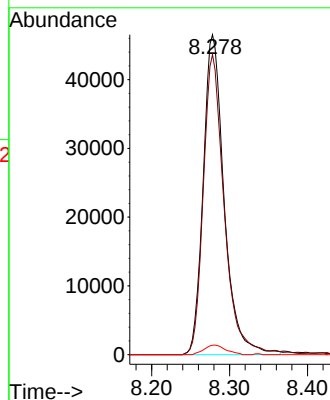
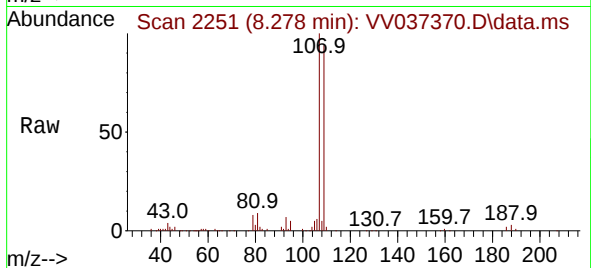
Acq: 19 Sep 2024 09:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	86884
Ion Ratio	Lower	Upper
107	100	
109	93.8	68.1 126.5
188	3.0	2.7 4.1



#51

Chlorobenzene

Concen: 4.963 ug/L

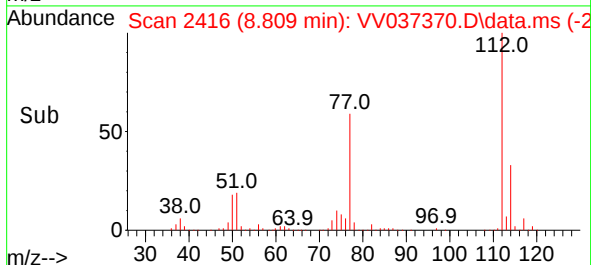
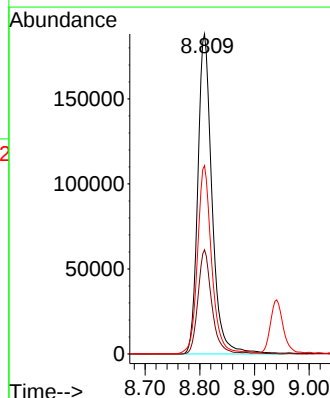
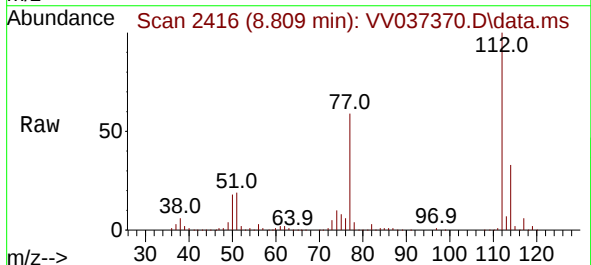
RT: 8.809 min Scan# 2416

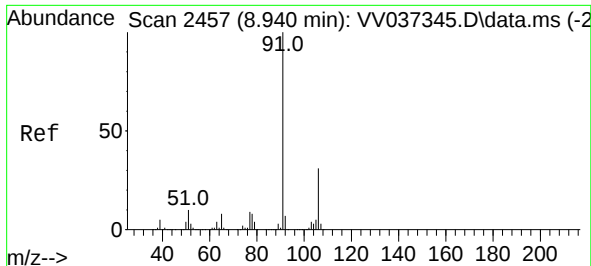
Delta R.T. 0.000 min

Lab File: VV037370.D

Acq: 19 Sep 2024 09:38

Tgt Ion:112	Resp:	338539
Ion Ratio	Lower	Upper
112	100	
114	32.5	22.6 42.0
77	58.8	47.0 70.6





#52

Ethylbenzene

Concen: 4.903 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV037370.D

Acq: 19 Sep 2024 09:38

Instrument :

MSVOA_V

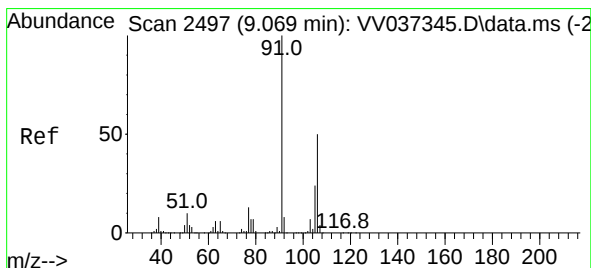
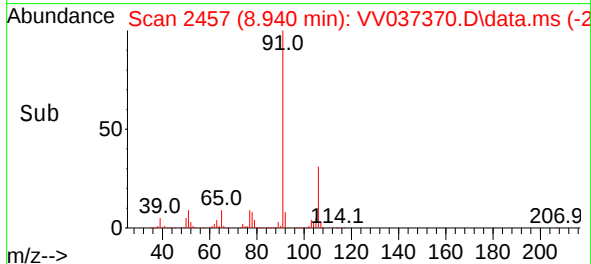
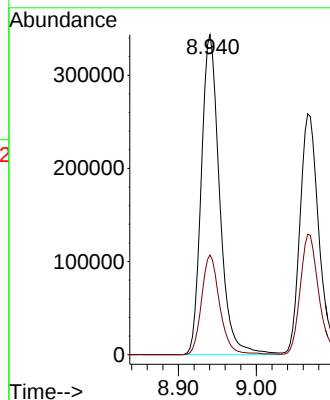
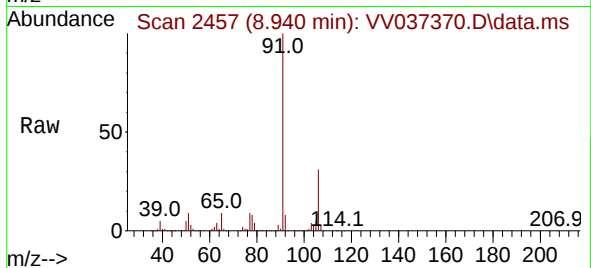
ClientSampleId :

Tgt Ion: 91 Resp: 560556

Ion Ratio Lower Upper

91 100

106 31.2 21.7 40.3



#53

m,p-Xylene

Concen: 5.106 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. -0.003 min

Lab File: VV037370.D

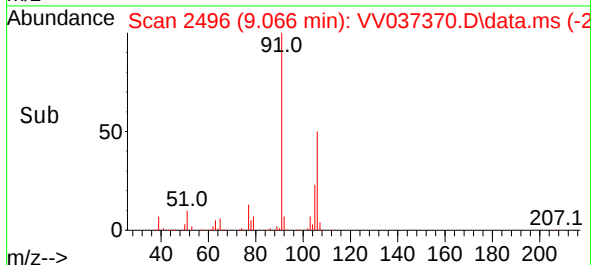
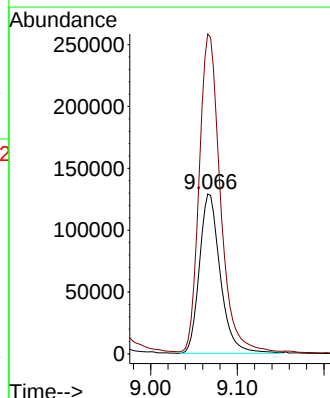
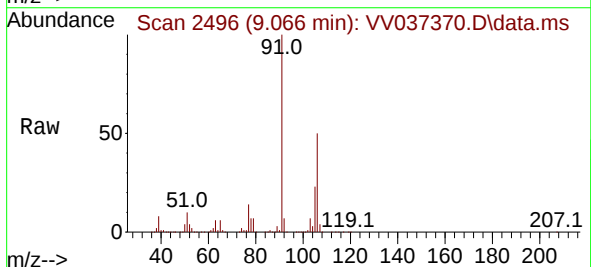
Acq: 19 Sep 2024 09:38

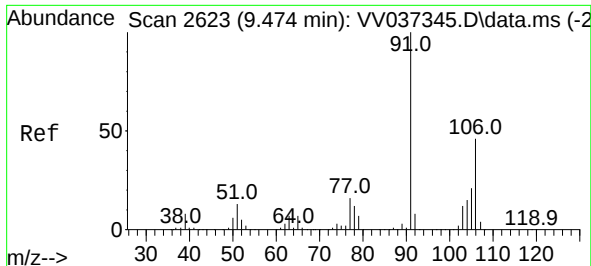
Tgt Ion: 106 Resp: 214808

Ion Ratio Lower Upper

106 100

91 199.9 143.3 266.1





#54

o-Xylene

Concen: 4.986 ug/L

RT: 9.471 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV037370.D

Acq: 19 Sep 2024 09:38

Instrument :

MSVOA_V

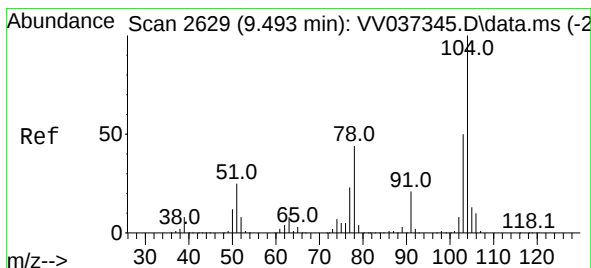
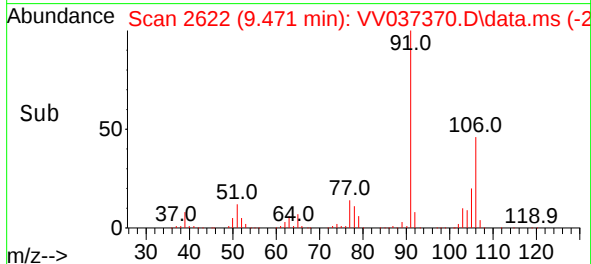
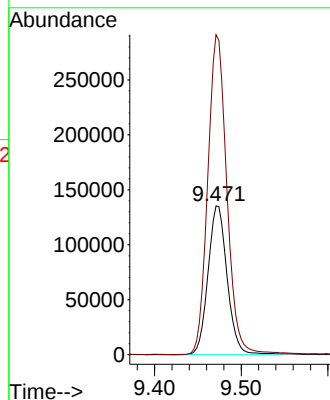
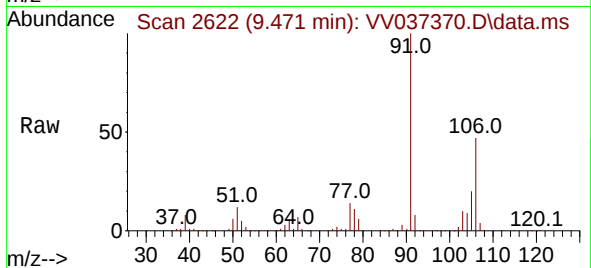
ClientSampleId :

Tgt Ion:106 Resp: 207667

Ion Ratio Lower Upper

106 100

91 215.0 151.8 282.0



#55

Styrene

Concen: 5.179 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. -0.003 min

Lab File: VV037370.D

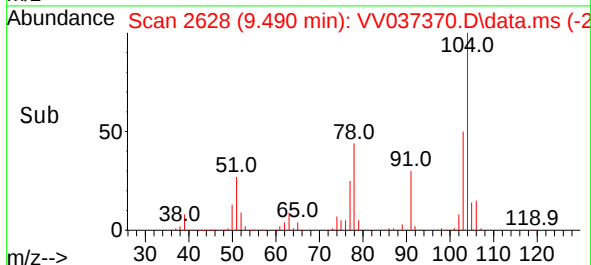
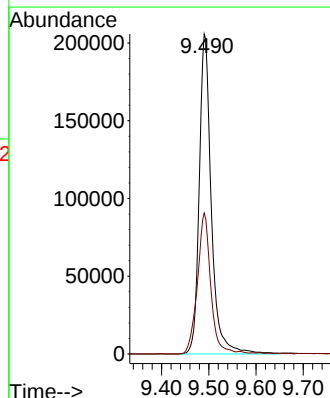
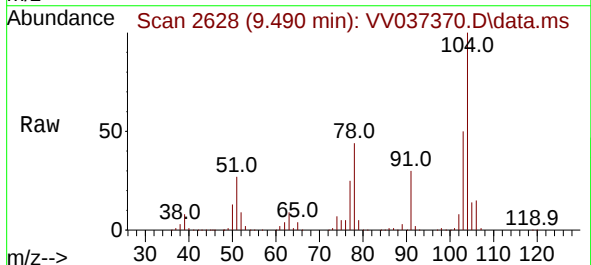
Acq: 19 Sep 2024 09:38

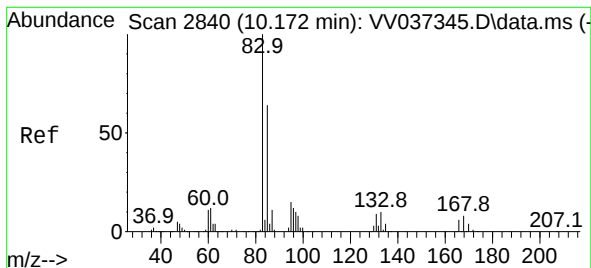
Tgt Ion:104 Resp: 365702

Ion Ratio Lower Upper

104 100

78 44.1 29.2 54.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.127 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.000 min

Lab File: VV037370.D

Acq: 19 Sep 2024 09:38

Instrument :

MSVOA_V

ClientSampleId :

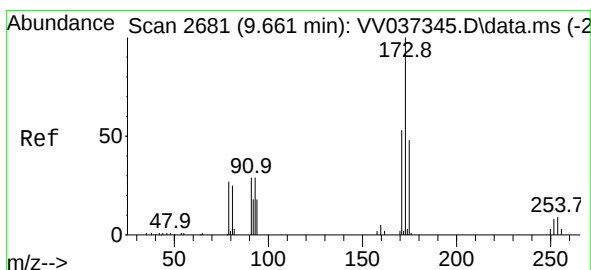
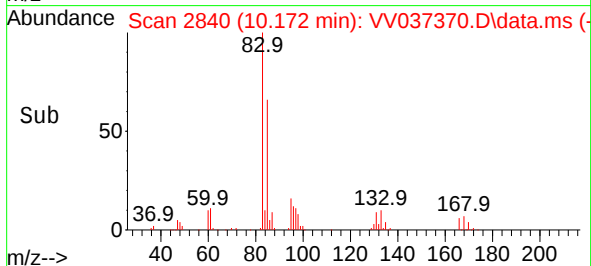
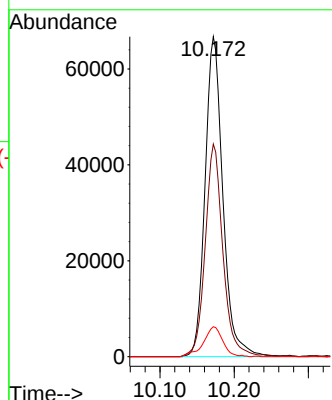
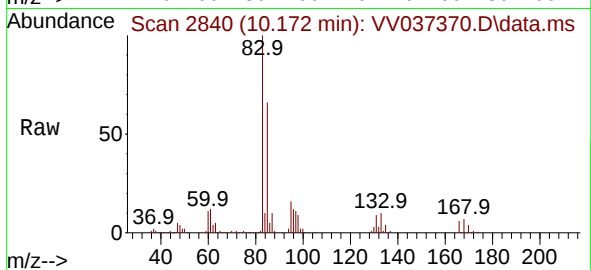
Tgt Ion: 83 Resp: 111071

Ion Ratio Lower Upper

83 100

85 66.5 43.2 80.2

131 9.4 6.9 10.3



#59

Bromoform

Concen: 4.259 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.000 min

Lab File: VV037370.D

Acq: 19 Sep 2024 09:38

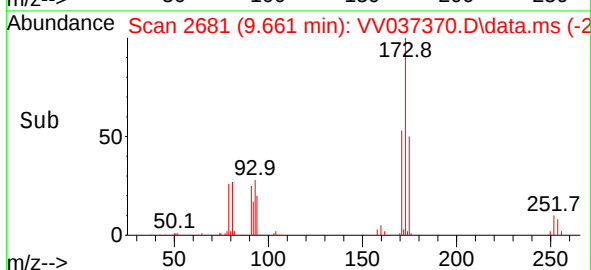
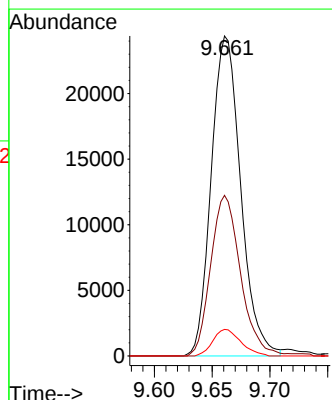
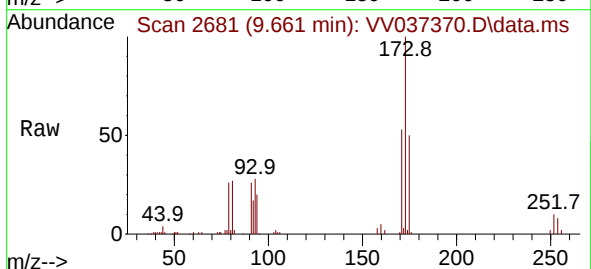
Tgt Ion: 173 Resp: 43227

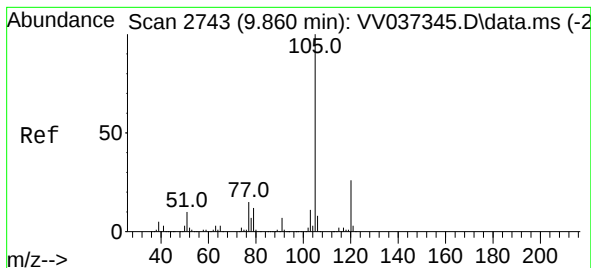
Ion Ratio Lower Upper

173 100

175 51.2 38.7 58.1

254 7.9 6.8 10.2





#60

Isopropylbenzene

Concen: 4.819 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037370.D

Acq: 19 Sep 2024 09:38

Instrument :

MSVOA_V

ClientSampleId :

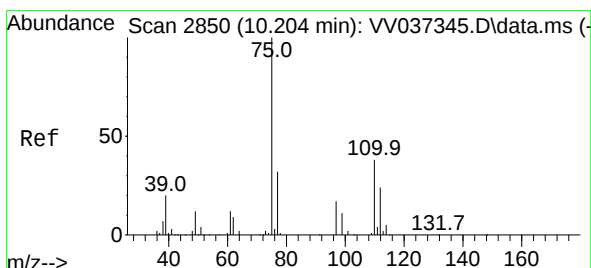
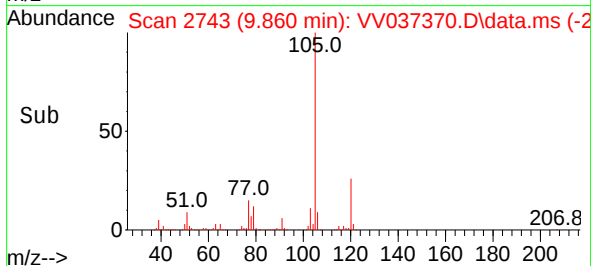
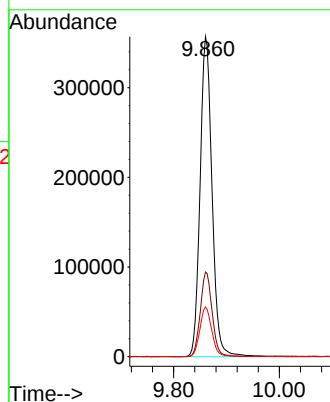
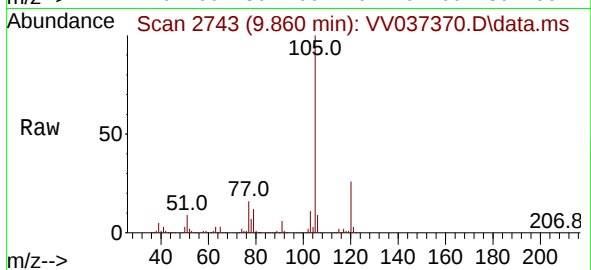
Tgt Ion:105 Resp: 559587

Ion Ratio Lower Upper

105 100

120 26.2 20.2 30.4

77 15.6 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 4.784 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.000 min

Lab File: VV037370.D

Acq: 19 Sep 2024 09:38

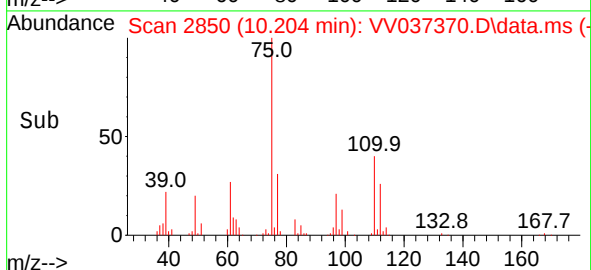
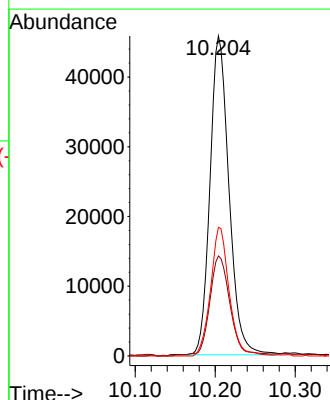
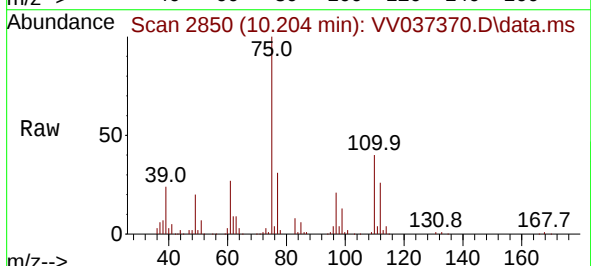
Tgt Ion: 75 Resp: 75534

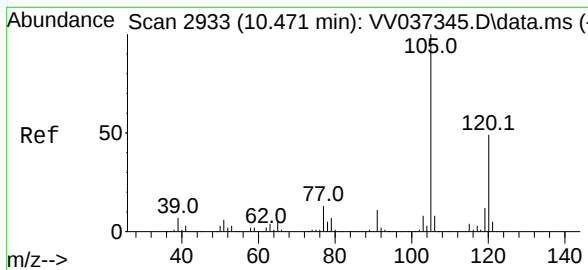
Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

110 39.5 31.0 46.4

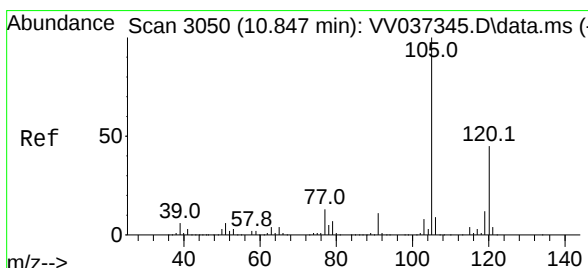
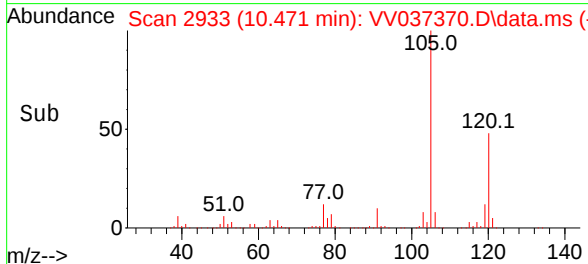
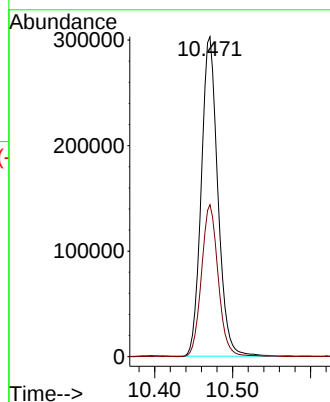
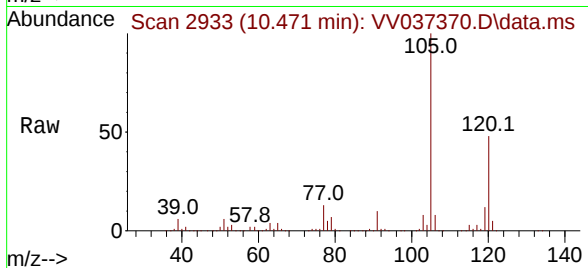




#62
1,3,5-Trimethylbenzene
Concen: 4.855 ug/L
RT: 10.471 min Scan# 2933
Delta R.T. 0.000 min
Lab File: VV037370.D
Acq: 19 Sep 2024 09:38

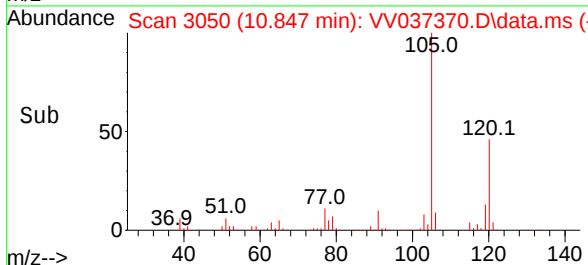
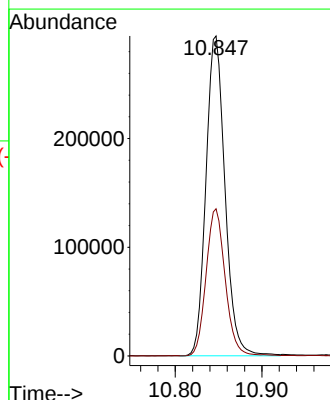
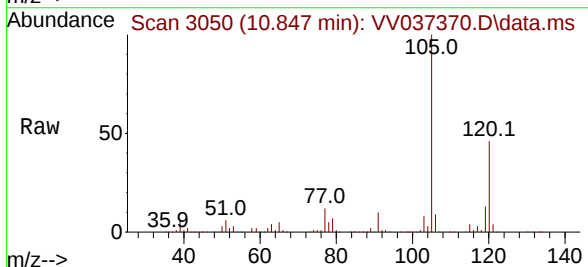
Instrument :
MSVOA_V
ClientSampleId :

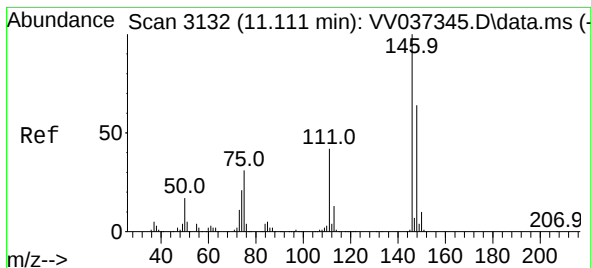
Tgt Ion:105 Resp: 447023
Ion Ratio Lower Upper
105 100
120 48.1 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 4.866 ug/L
RT: 10.847 min Scan# 3050
Delta R.T. 0.000 min
Lab File: VV037370.D
Acq: 19 Sep 2024 09:38

Tgt Ion:105 Resp: 450075
Ion Ratio Lower Upper
105 100
120 46.1 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 4.920 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037370.D

Acq: 19 Sep 2024 09:38

Instrument :

MSVOA_V

ClientSampleId :

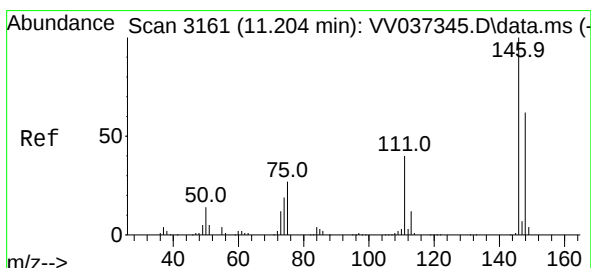
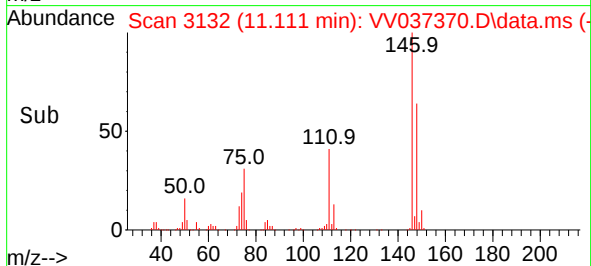
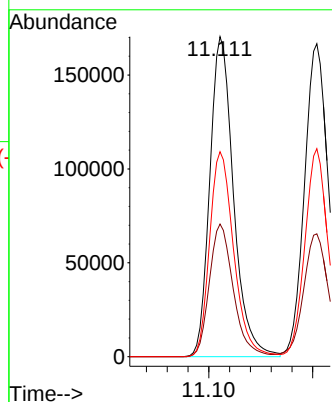
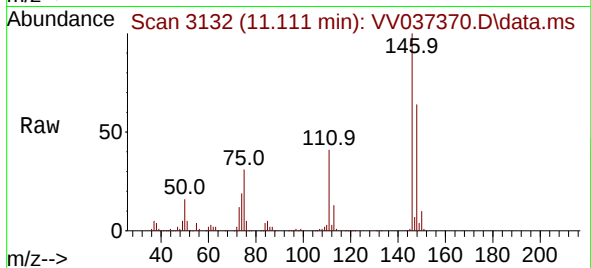
Tgt Ion:146 Resp: 270084

Ion Ratio Lower Upper

146 100

111 41.4 28.8 53.4

148 64.1 45.6 84.6



#65

1,4-Dichlorobenzene

Concen: 4.871 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV037370.D

Acq: 19 Sep 2024 09:38

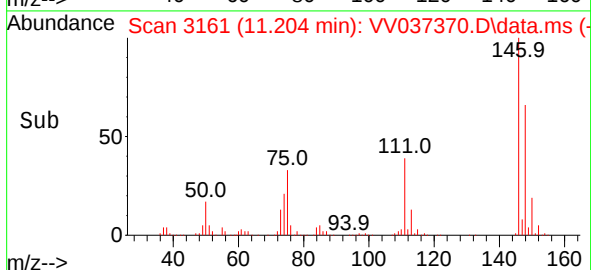
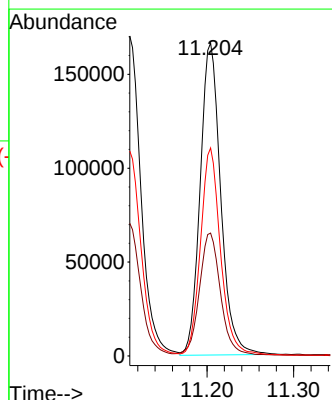
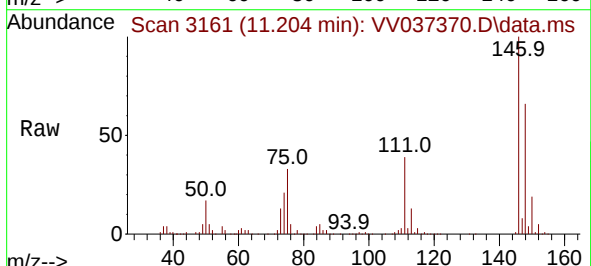
Tgt Ion:146 Resp: 274240

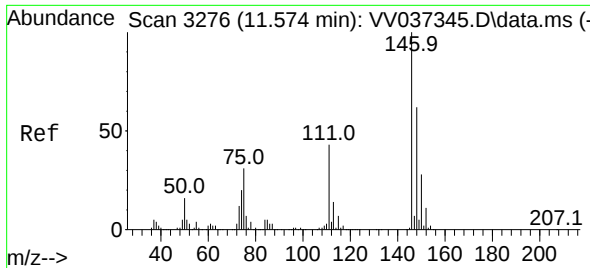
Ion Ratio Lower Upper

146 100

111 39.3 28.2 52.4

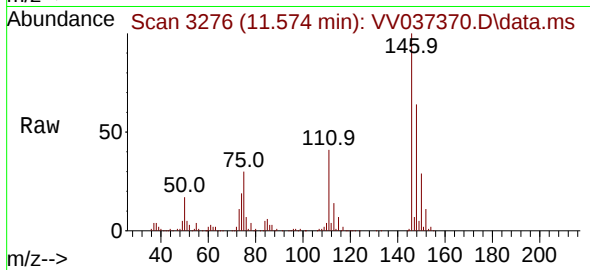
148 66.5 45.8 85.0



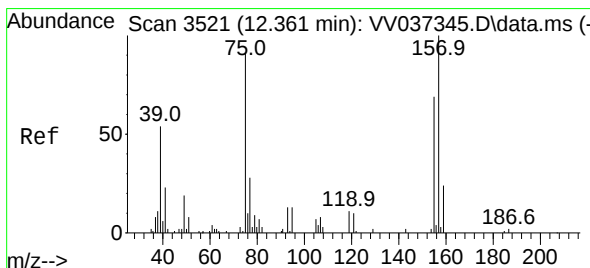
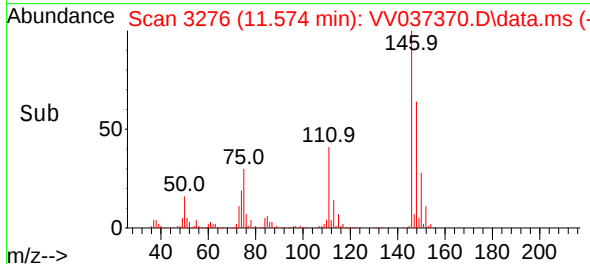
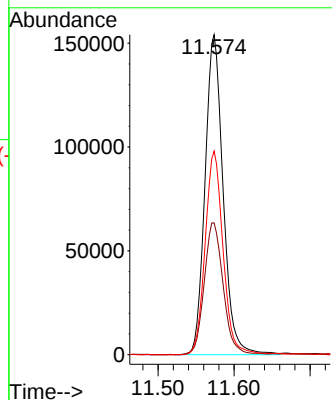


#67
1,2-Dichlorobenzene
Concen: 5.004 ug/L
RT: 11.574 min Scan# 3276
Delta R.T. 0.000 min
Lab File: VV037370.D
Acq: 19 Sep 2024 09:38

Instrument :
MSVOA_V
ClientSampleId :

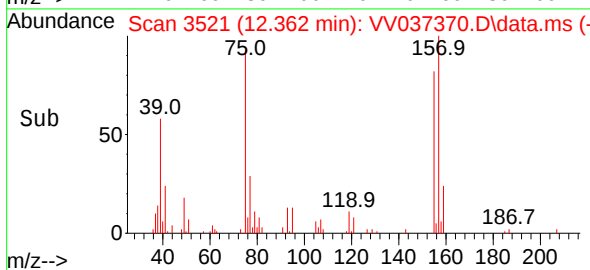
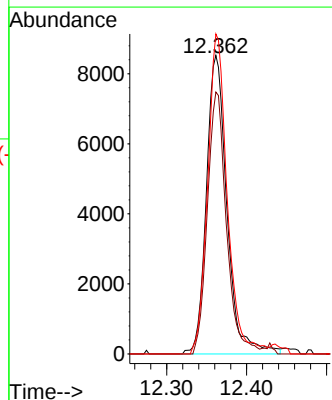
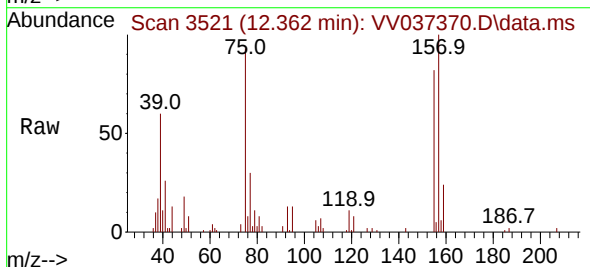


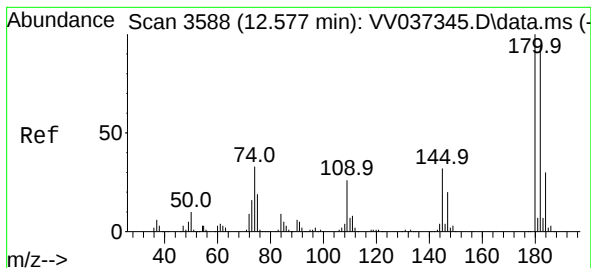
Tgt Ion:146 Resp: 254690
Ion Ratio Lower Upper
146 100
111 41.2 34.4 51.6
148 63.6 51.8 77.6



#68
1,2-Dibromo-3-chloropropane
Concen: 4.661 ug/L
RT: 12.362 min Scan# 3521
Delta R.T. 0.000 min
Lab File: VV037370.D
Acq: 19 Sep 2024 09:38

Tgt Ion: 75 Resp: 15259
Ion Ratio Lower Upper
75 100
155 87.8 60.6 90.8
157 107.2 81.1 121.7





#69

1,3,5-Trichlorobenzene

Concen: 4.904 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

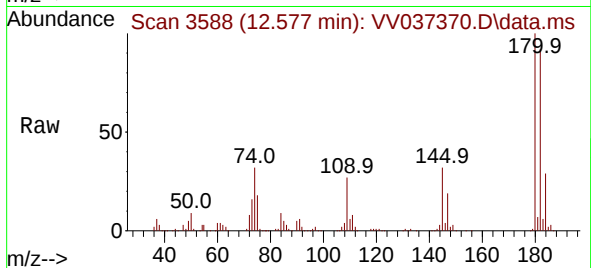
Lab File: VV037370.D

Acq: 19 Sep 2024 09:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 191993

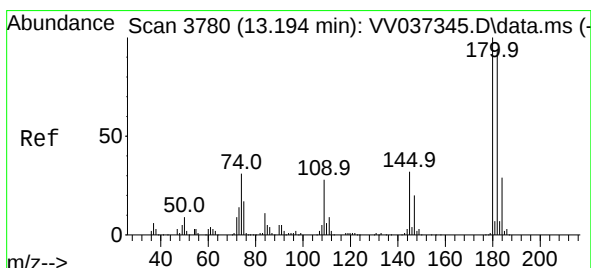
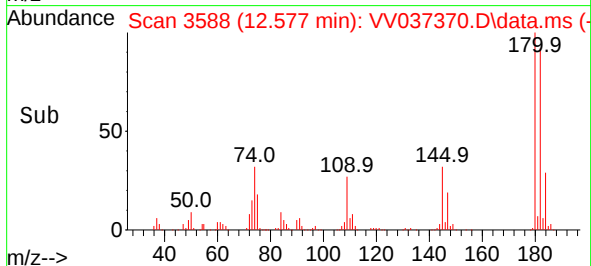
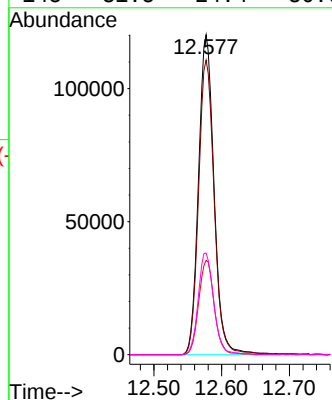
Ion Ratio Lower Upper

180 100

182 92.3 74.3 111.5

184 29.5 24.3 36.5

145 31.5 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 4.698 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV037370.D

Acq: 19 Sep 2024 09:38

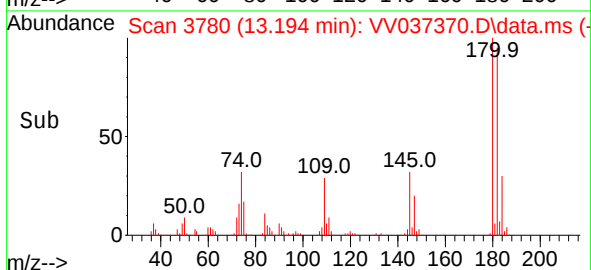
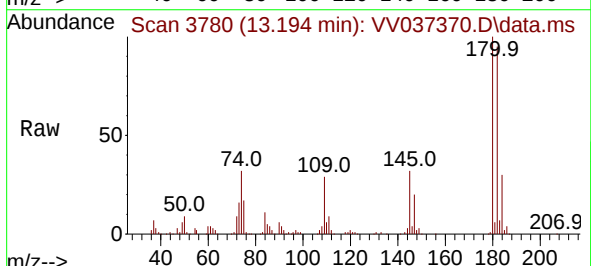
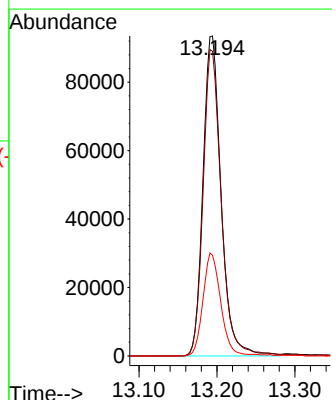
Tgt Ion:180 Resp: 151381

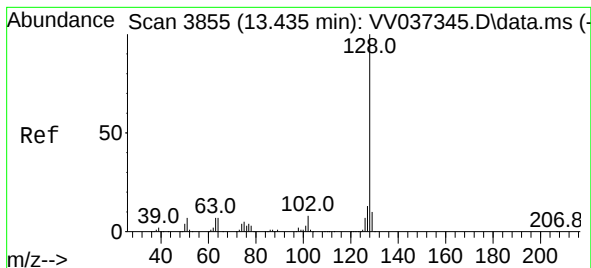
Ion Ratio Lower Upper

180 100

182 95.7 75.4 113.0

145 31.7 25.8 38.6





#71

Naphthalene

Concen: 4.013 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV037370.D

Acq: 19 Sep 2024 09:38

Instrument :

MSVOA_V

ClientSampleId :

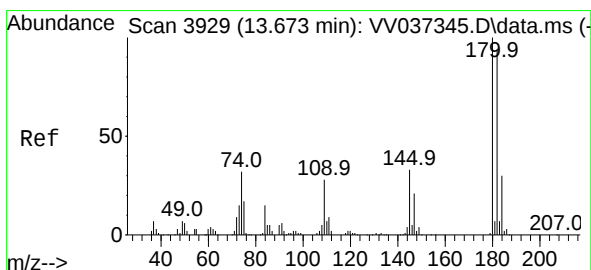
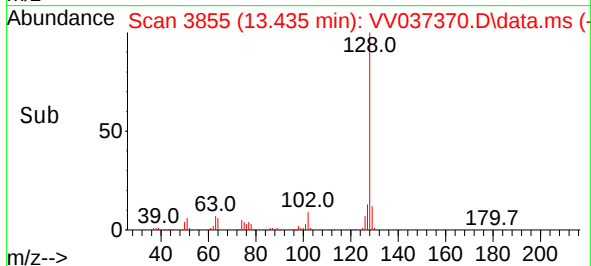
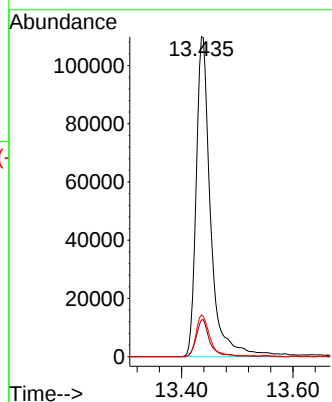
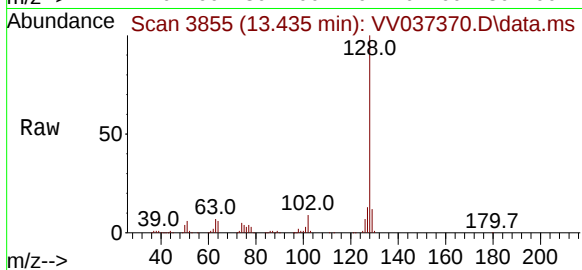
Tgt Ion:128 Resp: 197614

Ion Ratio Lower Upper

128 100

129 10.3 8.6 12.8

127 12.7 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 4.784 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037370.D

Acq: 19 Sep 2024 09:38

Tgt Ion:180 Resp: 127580

Ion Ratio Lower Upper

180 100

182 94.9 73.4 110.0

145 33.7 27.2 40.8

