

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012324\
 Data File : VW033816.D
 Acq On : 23 Jan 2024 09:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 24 01:58:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 22 23:41:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	219240	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	204073	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	106911	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	77749	46.143	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.280%
7) Chloroethane-d5	1.529	69	64577	48.395	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.060	65	36773	50.710	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.420%
21) 2-Butanone-d5	3.780	46	88083	76.214	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.210%
24) Chloroform-d	4.246	84	144931	48.103	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	4.937	65	95029	48.815	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.640%
32) Benzene-d6	4.957	84	276338	47.631	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.260%
36) 1,2-Dichloropropane-d6	5.986	67	84386	44.188	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.380%
41) Toluene-d8	7.243	98	254744	48.733	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.460%
43) trans-1,3-Dichloroprop...	7.551	79	41978	44.477	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.960%
47) 2-Hexanone-d5	8.021	63	64122	80.947	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.950%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	102323	41.970	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.940%
66) 1,2-Dichlorobenzene-d4	11.561	152	99257	48.934	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.860%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	81859	44.881	ug/L	99
3) Chloromethane	1.217	50	89226	43.021	ug/L	99
5) Vinyl chloride	1.285	62	92555	46.648	ug/L	97
6) Bromomethane	1.481	94	44975	43.372	ug/L	97
8) Chloroethane	1.545	64	59754	50.506	ug/L	100
9) Trichlorofluoromethane	1.712	101	137771	58.189	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	75884	54.400	ug/L	96
12) 1,1-Dichloroethene	2.069	96	72657	55.220	ug/L	97
13) Acetone	2.111	43	69463	62.862	ug/L	99
14) Carbon disulfide	2.243	76	213905	47.832	ug/L	99
15) Methyl Acetate	2.368	43	76155	42.146	ug/L	# 100
16) Methylene chloride	2.445	84	78015	48.603	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	71020	48.320	ug/L	94
18) Methyl tert-butyl Ether	2.699	73	255896	48.409	ug/L	99
19) 1,1-Dichloroethane	3.111	63	144871	48.213	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	80828	49.412	ug/L	96
22) 2-Butanone	3.860	43	92274	68.755	ug/L	99
23) Bromochloromethane	4.146	128	40666	51.173	ug/L	85
25) Chloroform	4.275	83	143672	50.429	ug/L	99

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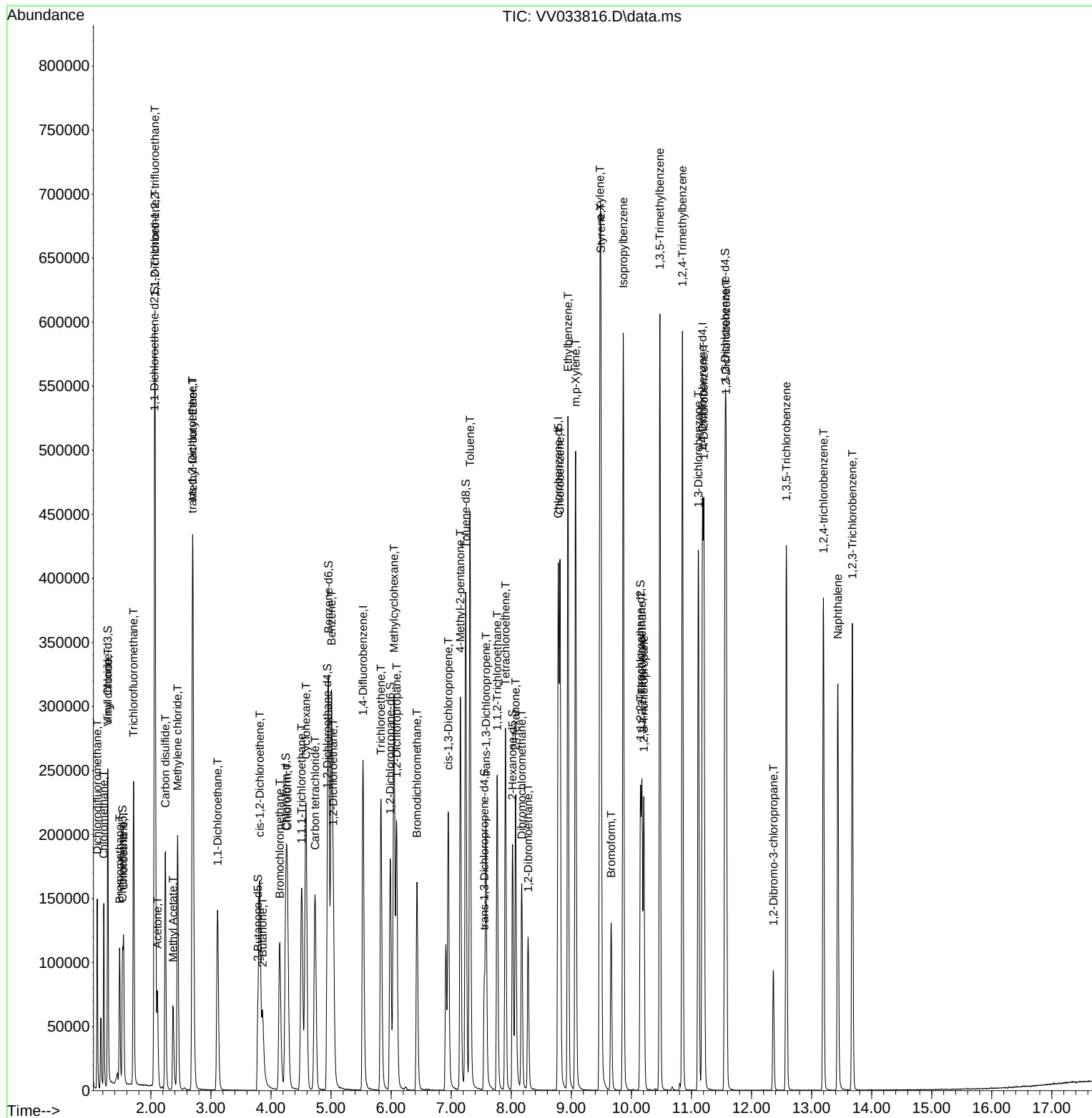
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	119742	50.320	ug/L	99
29) Cyclohexane	4.584	56	131000	45.534	ug/L	95
30) 1,1,1-Trichloroethane	4.510	97	131962	53.884	ug/L	99
31) Carbon tetrachloride	4.735	117	115980	55.483	ug/L	100
33) Benzene	5.008	78	299148	49.909	ug/L	100
34) Trichloroethene	5.831	95	80420	50.017	ug/L	97
35) Methylcyclohexane	6.047	83	130860	47.558	ug/L	95
37) 1,2-Dichloropropane	6.092	63	78492	47.588	ug/L	99
38) Bromodichloromethane	6.429	83	109304	50.657	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	125958	45.730	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	200865	82.187	ug/L	96
42) Toluene	7.313	91	319743	50.463	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	119487	47.075	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	74168	49.559	ug/L	98
46) Tetrachloroethene	7.905	164	62138	52.689	ug/L	97
48) 2-Hexanone	8.072	43	146911	75.439	ug/L	98
49) Dibromochloromethane	8.175	129	78290	50.229	ug/L	99
50) 1,2-Dibromoethane	8.281	107	77031	48.706	ug/L	97
51) Chlorobenzene	8.812	112	203579	50.440	ug/L	99
52) Ethylbenzene	8.944	91	362567	49.404	ug/L	100
53) m,p-Xylene	9.072	106	135333	49.951	ug/L	99
54) o-Xylene	9.477	106	133802	49.884	ug/L	99
55) Styrene	9.493	104	230437	49.761	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	106283	44.625	ug/L	99
59) Bromoform	9.664	173	56163	49.427	ug/L	99
60) Isopropylbenzene	9.866	105	368444	50.936	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	84521	44.546	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	310037	49.955	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	308866	49.946	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	165068	50.521	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	164332	50.160	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	163491	51.210	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	23959	43.758	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	123367	51.096	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	110716	50.522	ug/L	99
71) Naphthalene	13.439	128	243707	42.558	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	104077	50.882	ug/L	99

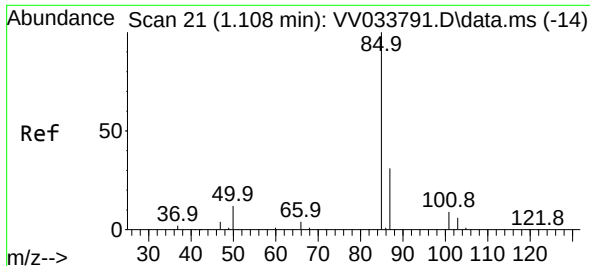
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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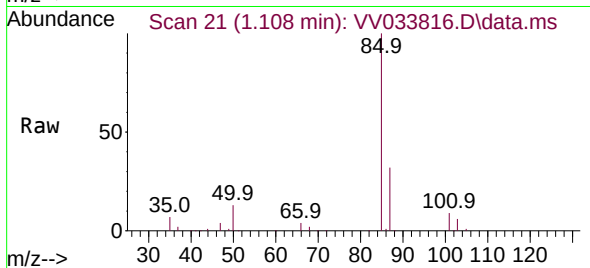
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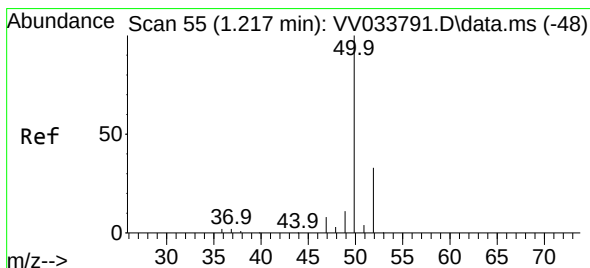
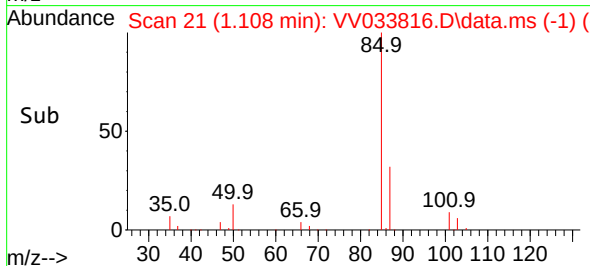
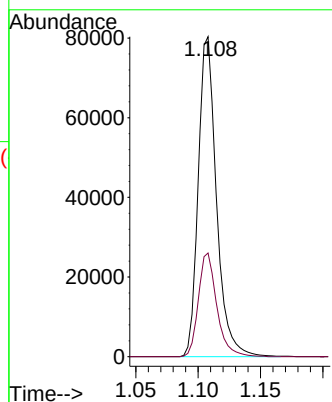


#2
Dichlorodifluoromethane
Concen: 44.881 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

Instrument :
MSVOA_V
ClientSampleId :

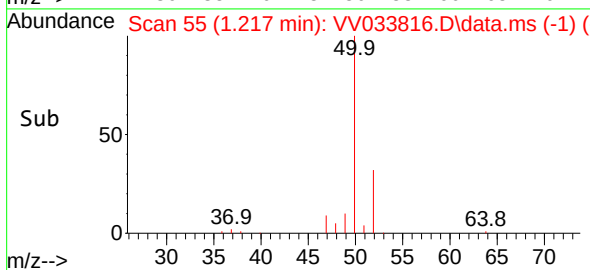
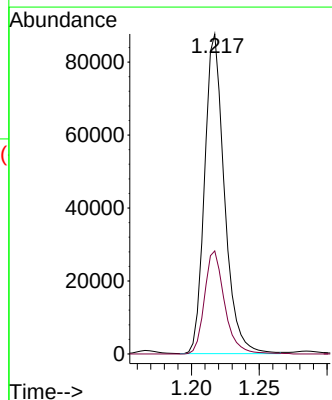
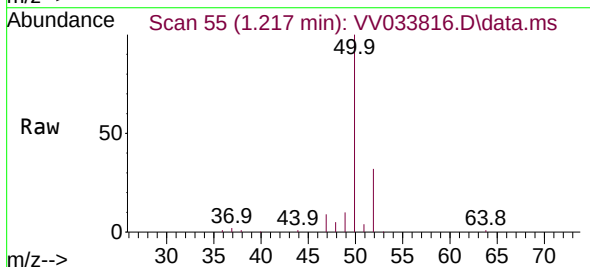


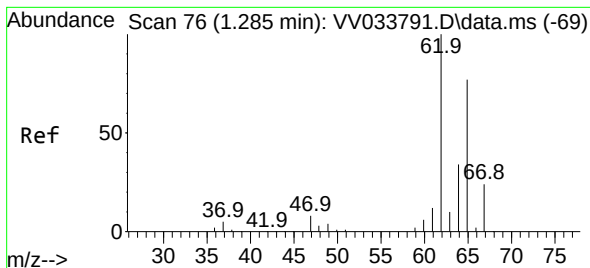
Tgt Ion: 85 Resp: 81859
Ion Ratio Lower Upper
85 100
87 32.7 25.8 38.6



#3
Chloromethane
Concen: 43.021 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

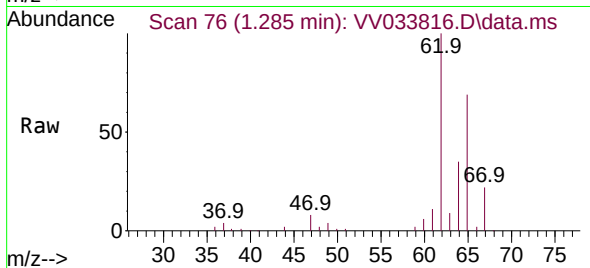
Tgt Ion: 50 Resp: 89226
Ion Ratio Lower Upper
50 100
52 32.2 22.8 42.4



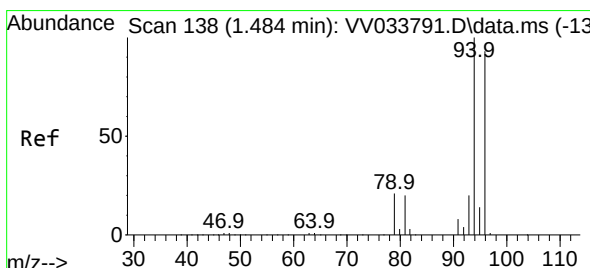
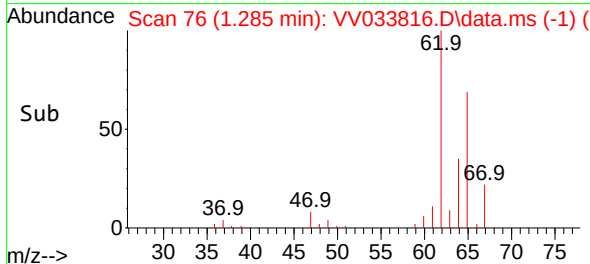
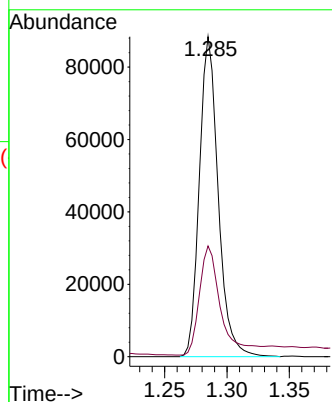


#5
 Vinyl chloride
 Concen: 46.648 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033816.D
 Acq: 23 Jan 2024 09:07

Instrument :
 MSVOA_V
 ClientSampleId :

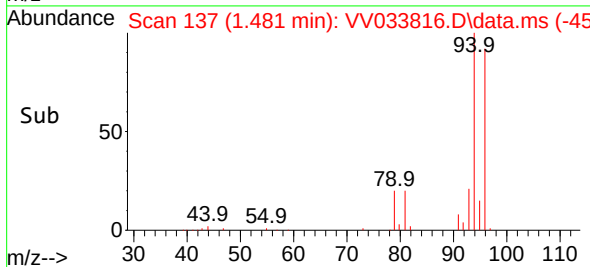
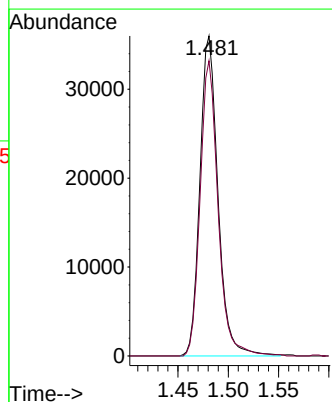
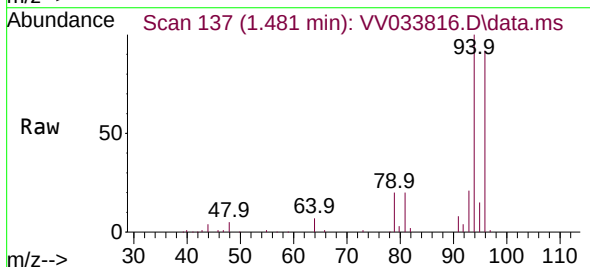


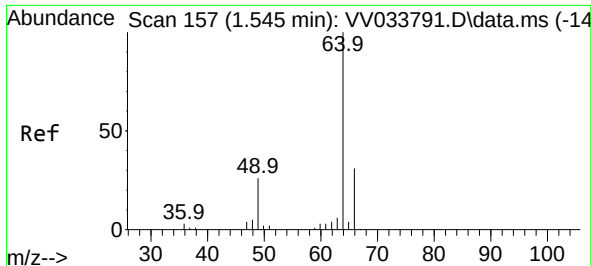
Tgt Ion: 62 Resp: 92555
 Ion Ratio Lower Upper
 62 100
 64 34.6 23.2 43.0



#6
 Bromomethane
 Concen: 43.372 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.003 min
 Lab File: VV033816.D
 Acq: 23 Jan 2024 09:07

Tgt Ion: 94 Resp: 44975
 Ion Ratio Lower Upper
 94 100
 96 92.3 66.4 123.2

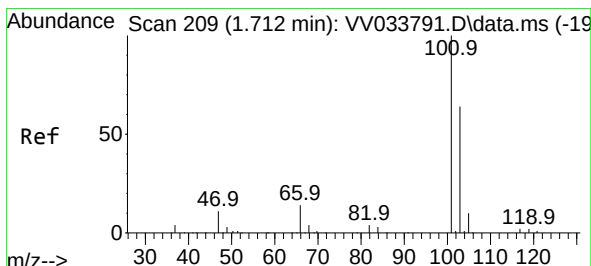
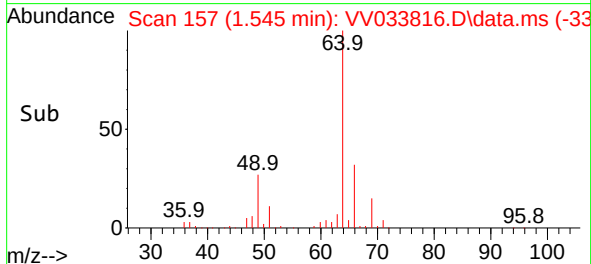
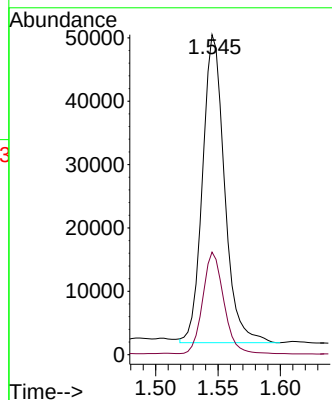
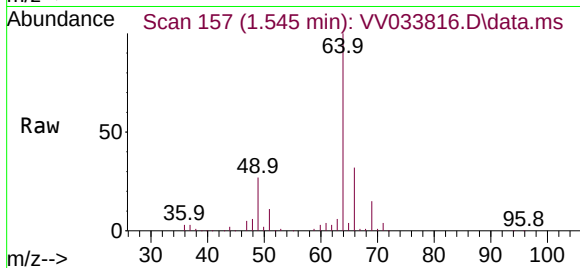




#8
Chloroethane
Concen: 50.506 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

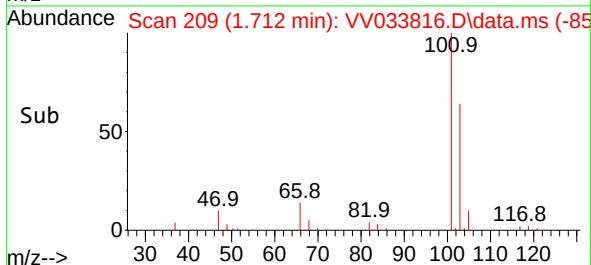
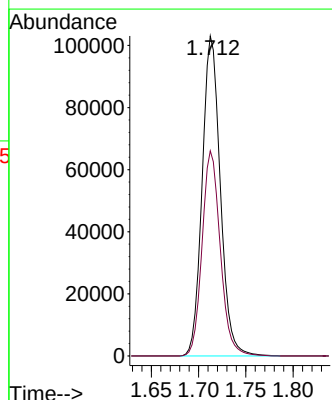
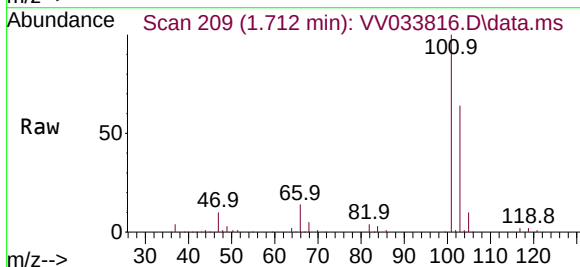
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MSVOA_V
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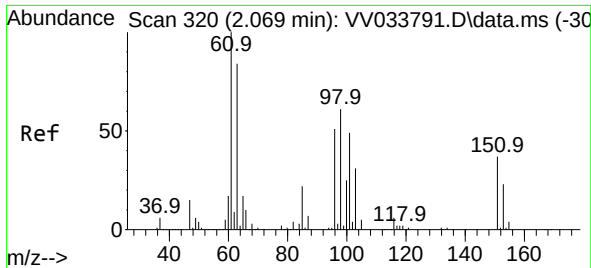
Tgt Ion: 64 Resp: 59754
Ion Ratio Lower Upper
64 100
66 32.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 58.189 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

Tgt Ion:101 Resp: 137771
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9

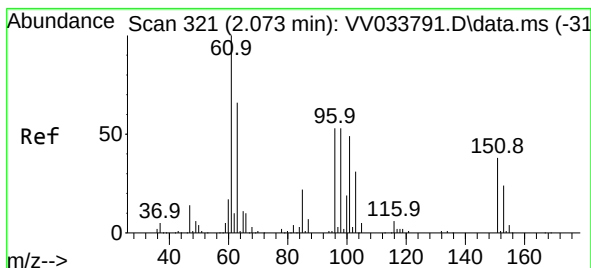
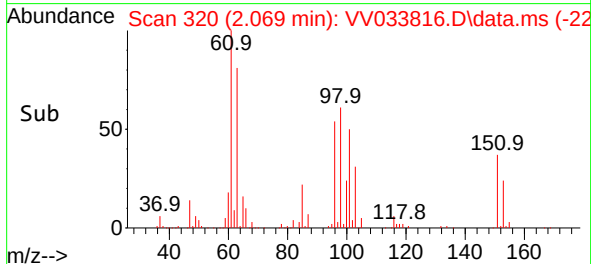
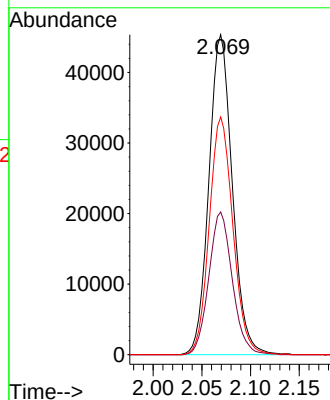
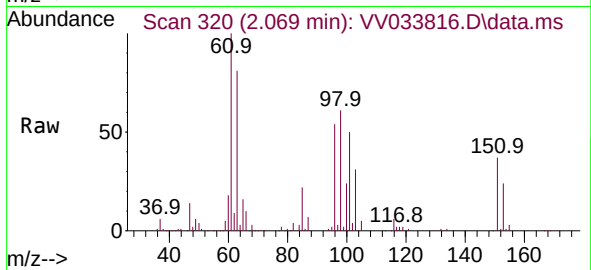




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.400 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV033816.D
 Acq: 23 Jan 2024 09:07

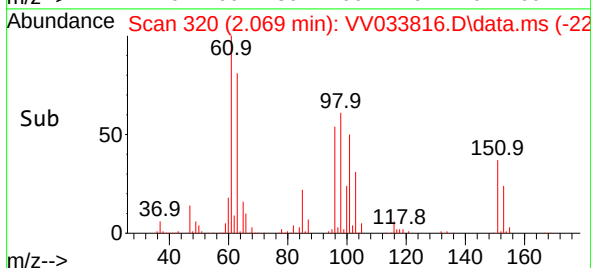
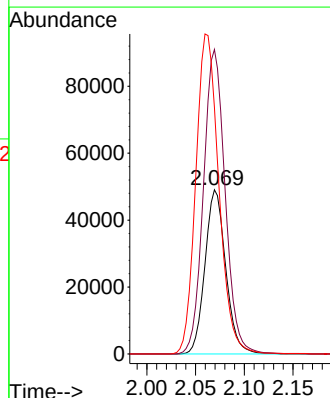
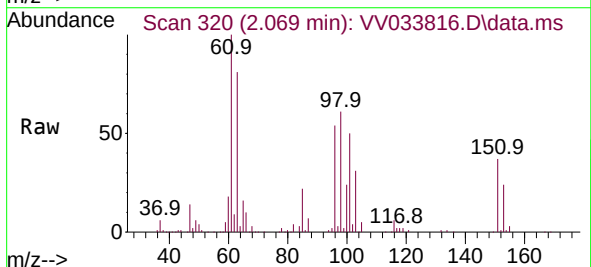
Instrument :
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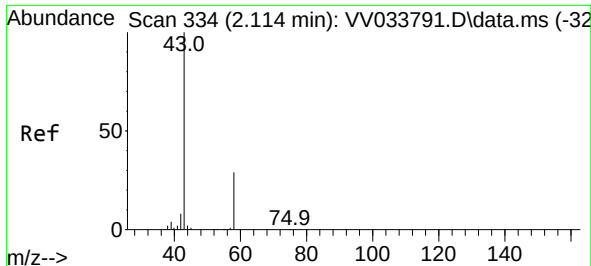
Tgt Ion:101 Resp: 75884
 Ion Ratio Lower Upper
 101 100
 85 44.6 36.2 54.4
 151 74.9 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 55.220 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.003 min
 Lab File: VV033816.D
 Acq: 23 Jan 2024 09:07

Tgt Ion: 96 Resp: 72657
 Ion Ratio Lower Upper
 96 100
 61 185.4 134.0 248.8
 63 150.0 103.4 192.0





#13

Acetone

Concen: 62.862 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033816.D

Acq: 23 Jan 2024 09:07

Instrument :

MSVOA_V

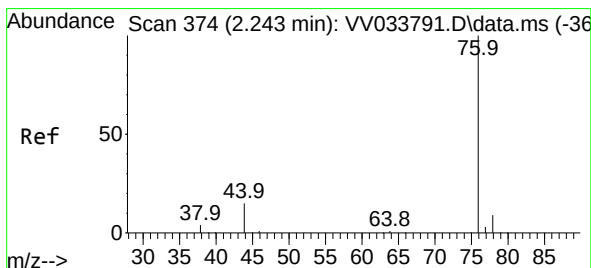
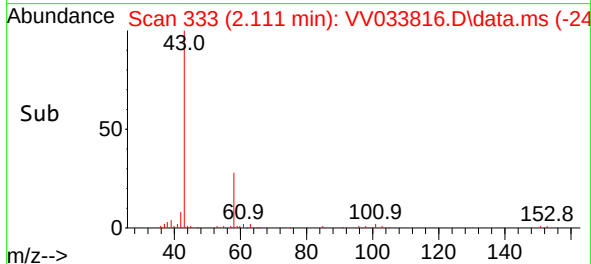
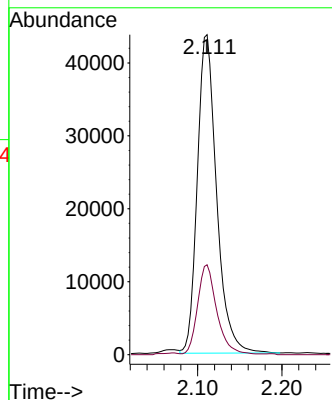
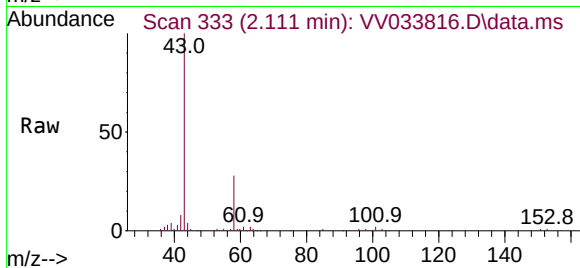
ClientSampleId :

Tgt Ion: 43 Resp: 69463

Ion Ratio Lower Upper

43 100

58 28.3 0.0 57.2



#14

Carbon disulfide

Concen: 47.832 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV033816.D

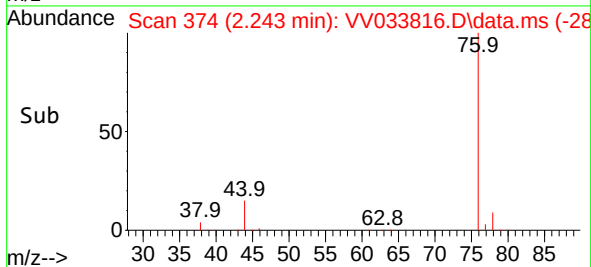
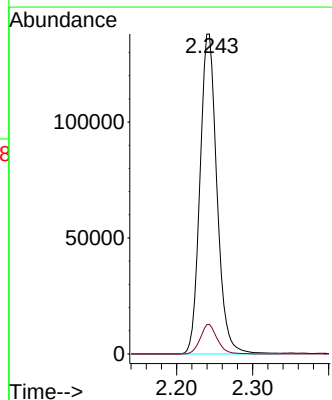
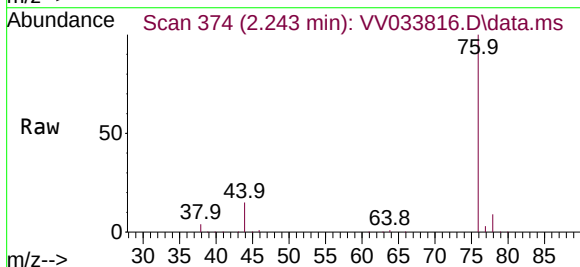
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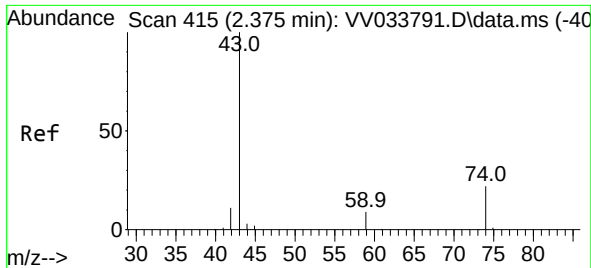
Tgt Ion: 76 Resp: 213905

Ion Ratio Lower Upper

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78 9.3 7.1 10.7

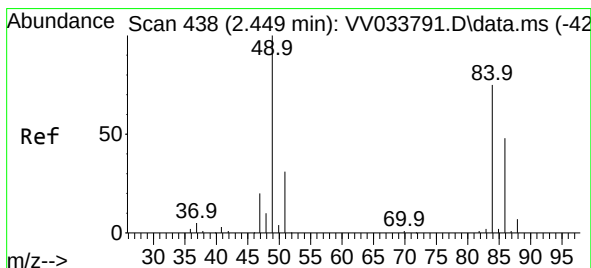
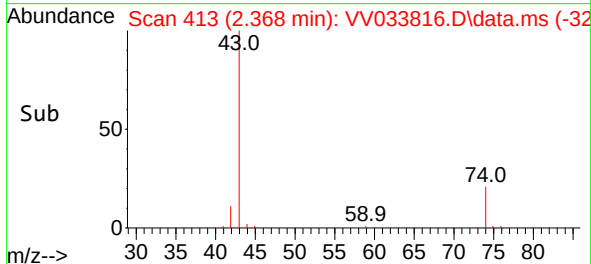
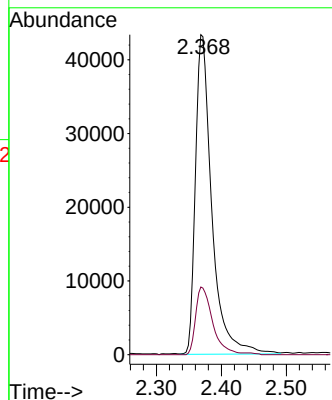
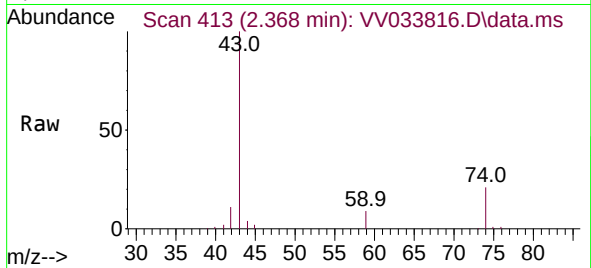




#15
Methyl Acetate
Concen: 42.146 ug/L
RT: 2.368 min Scan# 415
Delta R.T. -0.007 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

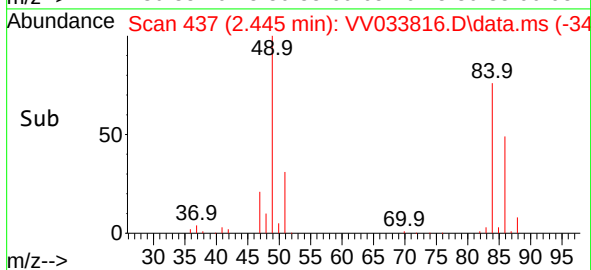
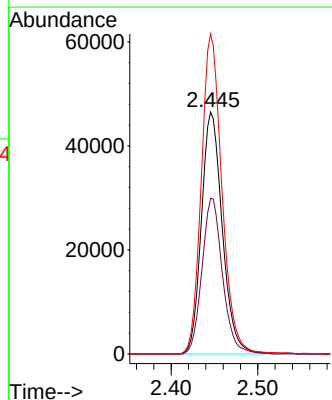
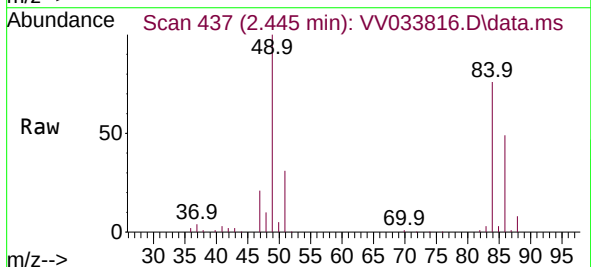
Instrument :
MSVOA_V
ClientSampleId :

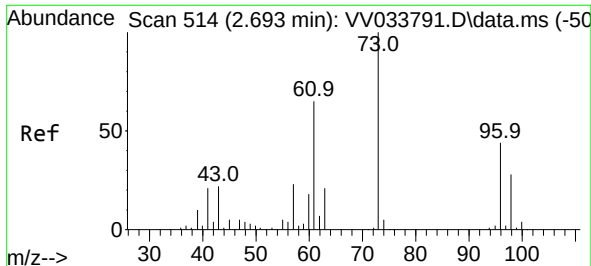
Tgt Ion: 43 Resp: 76155
Ion Ratio Lower Upper
43 100
74 21.8 0.0 0.0#



#16
Methylene chloride
Concen: 48.603 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

Tgt Ion: 84 Resp: 78015
Ion Ratio Lower Upper
84 100
86 64.3 43.9 81.5
49 132.2 98.3 182.5





#17

trans-1,2-Dichloroethene

Concen: 48.320 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.000 min

Lab File: VV033816.D

Acq: 23 Jan 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :

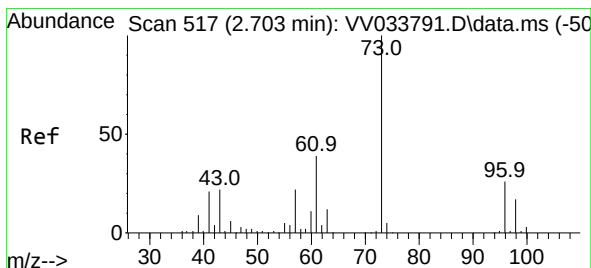
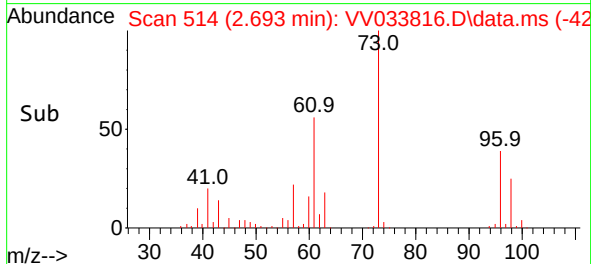
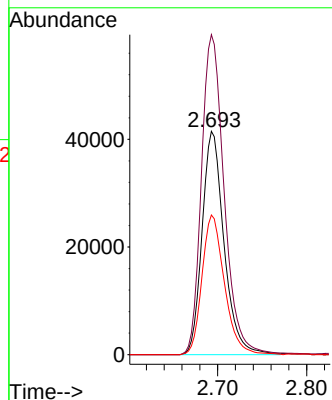
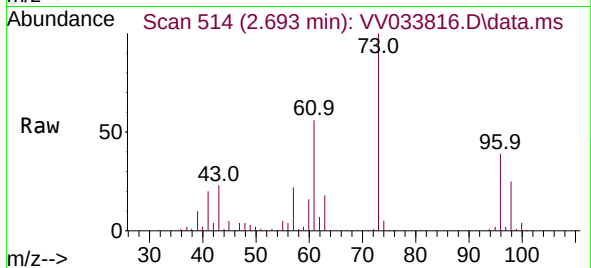
Tgt Ion: 96 Resp: 71020

Ion Ratio Lower Upper

96 100

61 143.3 108.4 201.4

98 62.5 43.8 81.4



#18

Methyl tert-butyl Ether

Concen: 48.409 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.003 min

Lab File: VV033816.D

Acq: 23 Jan 2024 09:07

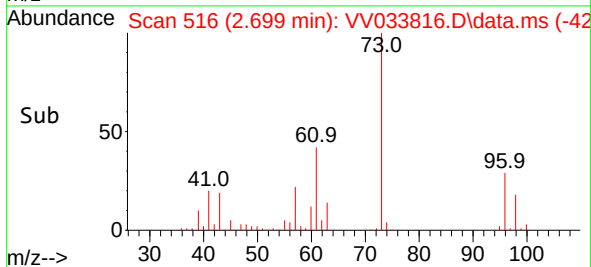
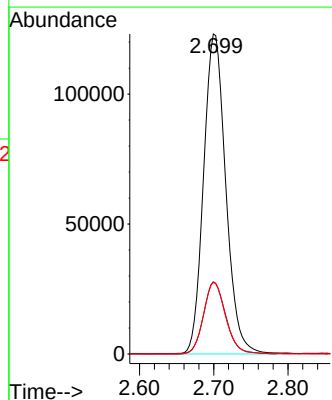
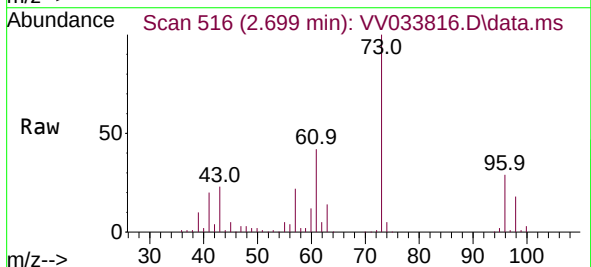
Tgt Ion: 73 Resp: 255896

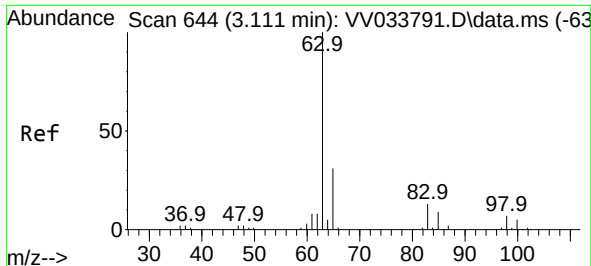
Ion Ratio Lower Upper

73 100

43 22.1 17.4 26.2

57 22.2 18.6 27.8





#19

1,1-Dichloroethane

Concen: 48.213 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV033816.D

Acq: 23 Jan 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :

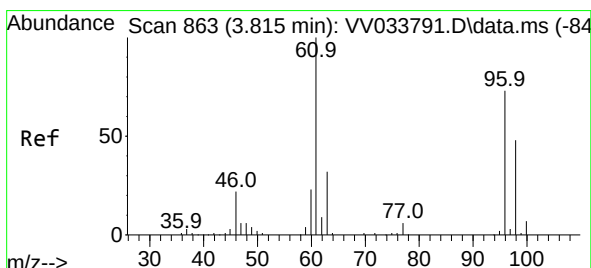
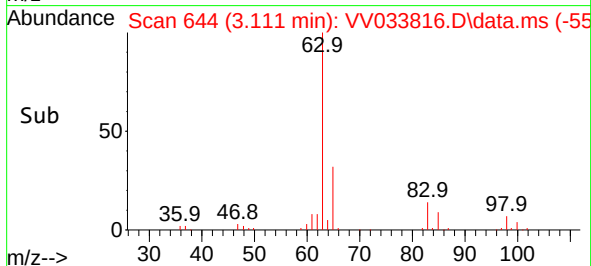
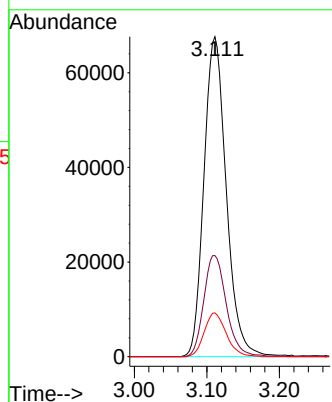
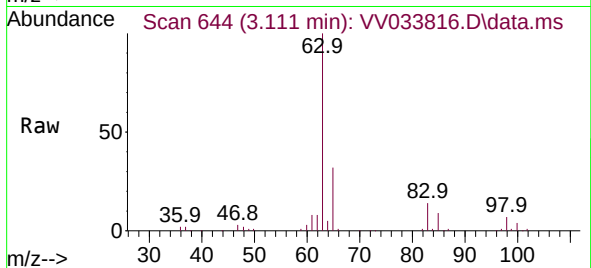
Tgt Ion: 63 Resp: 144871

Ion Ratio Lower Upper

63 100

65 31.6 22.4 41.6

83 13.7 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 49.412 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.003 min

Lab File: VV033816.D

Acq: 23 Jan 2024 09:07

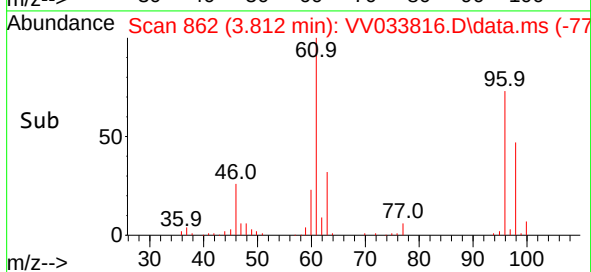
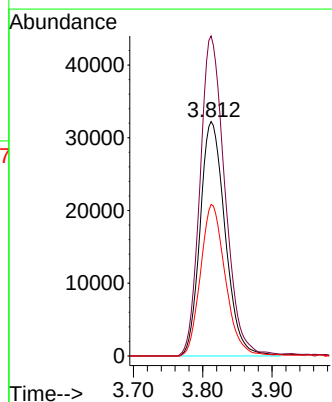
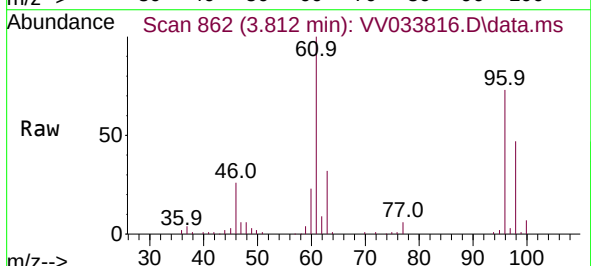
Tgt Ion: 96 Resp: 80828

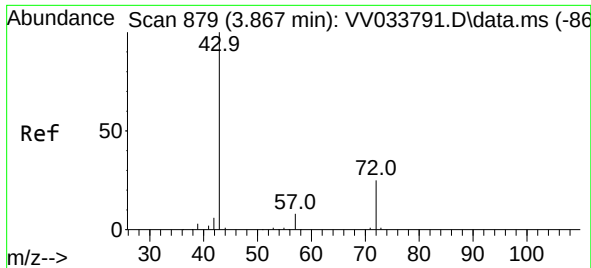
Ion Ratio Lower Upper

96 100

61 136.5 100.6 186.8

98 64.6 44.6 82.8

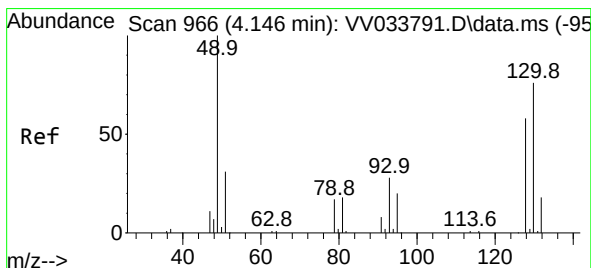
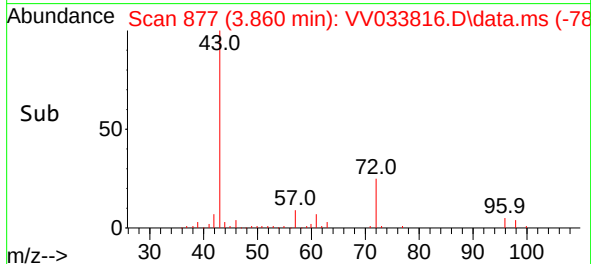
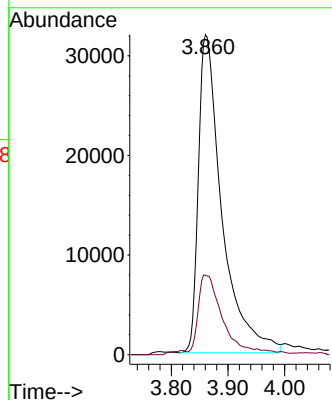
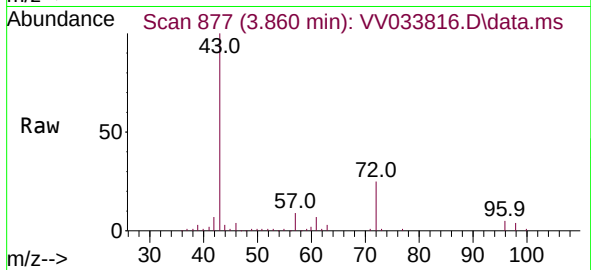




#22
2-Butanone
Concen: 68.755 ug/L
RT: 3.860 min Scan# 81
Delta R.T. -0.007 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

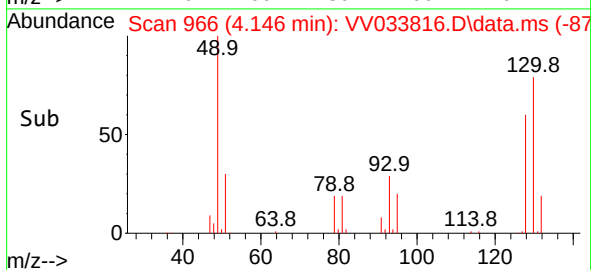
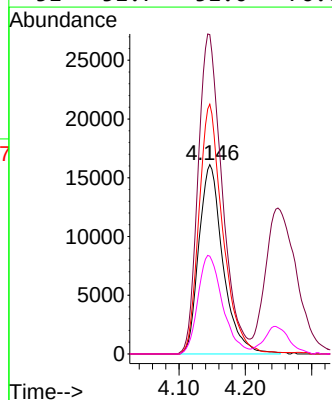
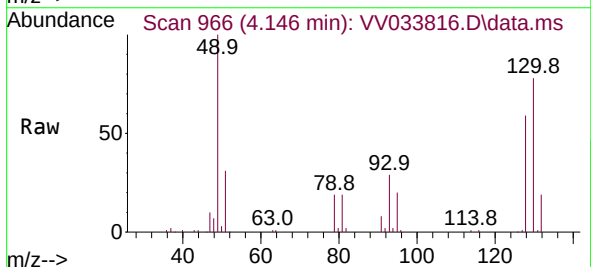
Instrument :
MSVOA_V
ClientSampleId :

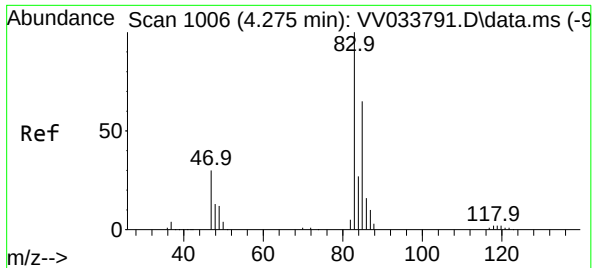
Tgt Ion: 43 Resp: 92274
Ion Ratio Lower Upper
43 100
72 23.4 11.9 35.5



#23
Bromochloromethane
Concen: 51.173 ug/L
RT: 4.146 min Scan# 966
Delta R.T. -0.000 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

Tgt Ion:128 Resp: 40666
Ion Ratio Lower Upper
128 100
49 168.8 143.9 267.2
130 132.0 90.6 168.2
51 51.7 51.0 76.6

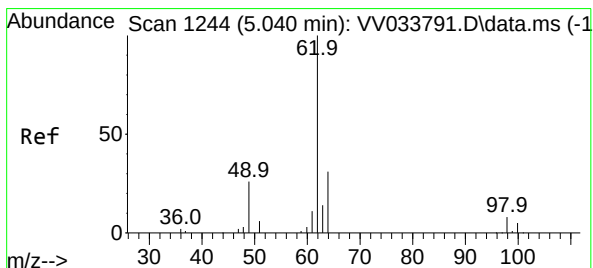
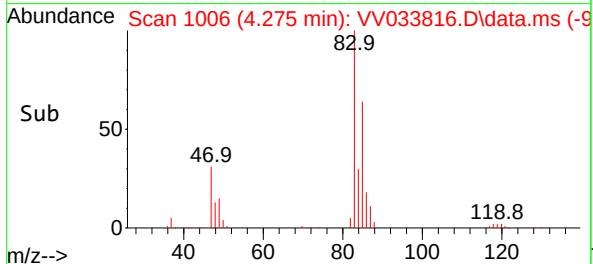
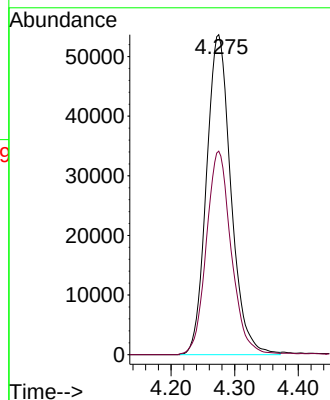
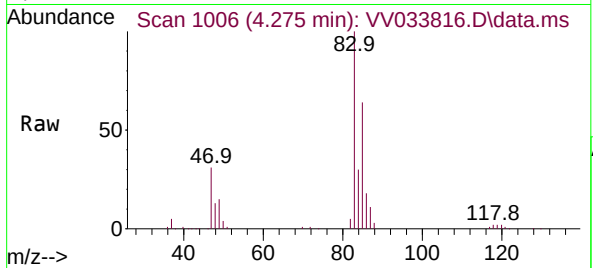




#25
Chloroform
Concen: 50.429 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

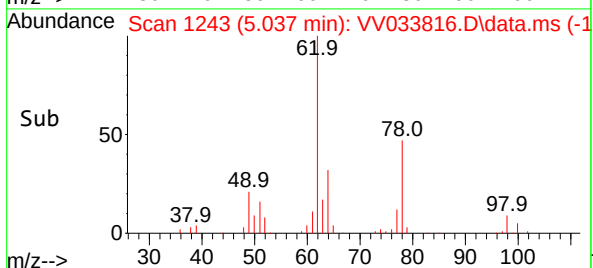
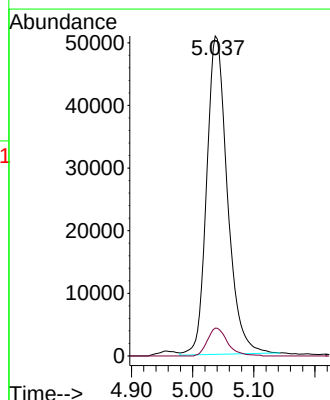
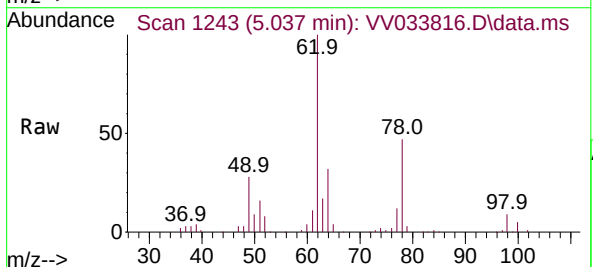
Instrument :
MSVOA_V
ClientSampleId :

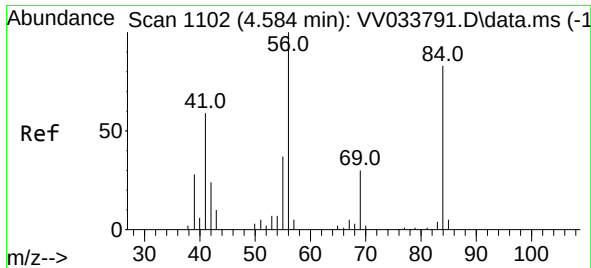
Tgt Ion: 83 Resp: 143672
Ion Ratio Lower Upper
83 100
85 63.6 45.1 83.9



#27
1,2-Dichloroethane
Concen: 50.320 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.003 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

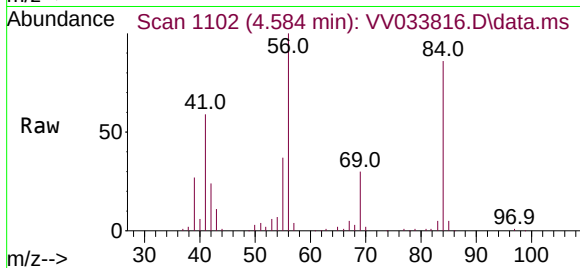
Tgt Ion: 62 Resp: 119742
Ion Ratio Lower Upper
62 100
98 8.7 6.8 10.2



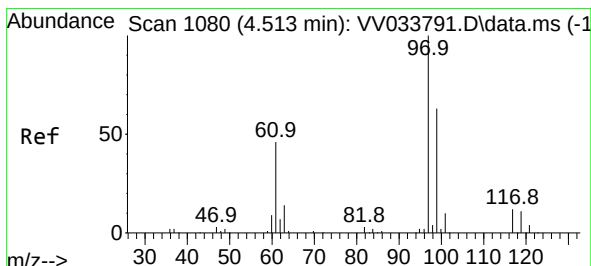
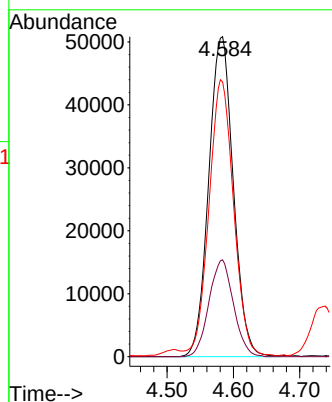
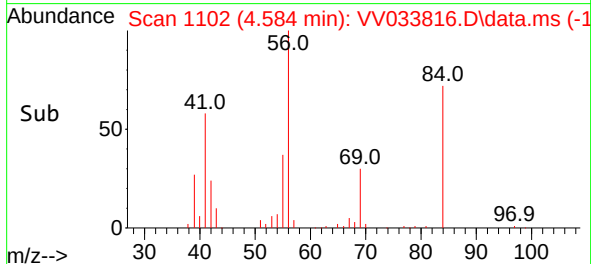


#29
Cyclohexane
Concen: 45.534 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

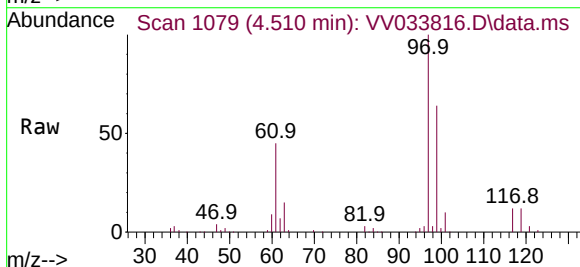
Instrument :
MSVOA_V
ClientSampleId :



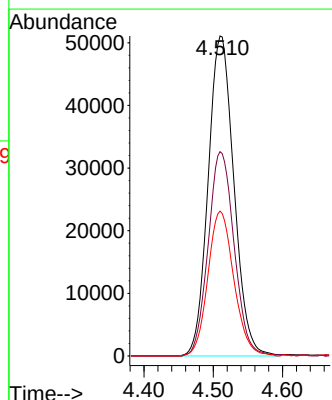
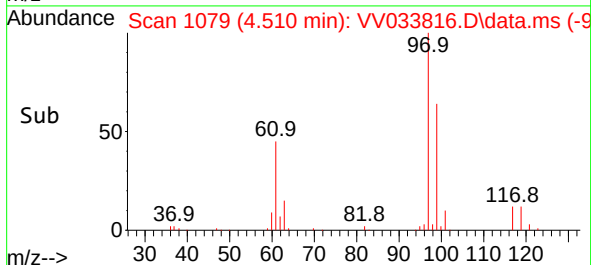
Tgt Ion: 56 Resp: 131000
Ion Ratio Lower Upper
56 100
69 30.2 23.8 35.6
84 85.1 63.8 95.6

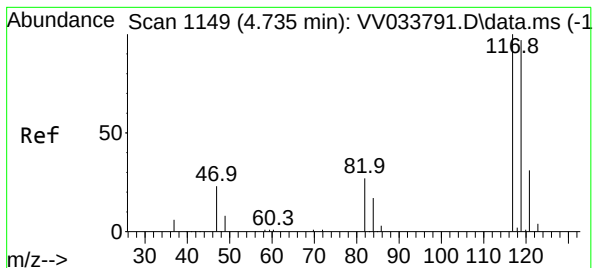


#30
1,1,1-Trichloroethane
Concen: 53.884 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. -0.003 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07



Tgt Ion: 97 Resp: 131962
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.0
61 45.6 38.2 57.2





#31

Carbon tetrachloride

Concen: 55.483 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VV033816.D

Acq: 23 Jan 2024 09:07

Instrument :

MSVOA_V

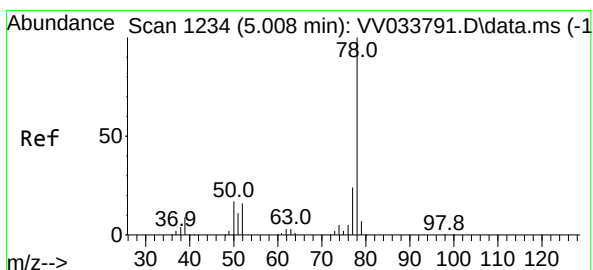
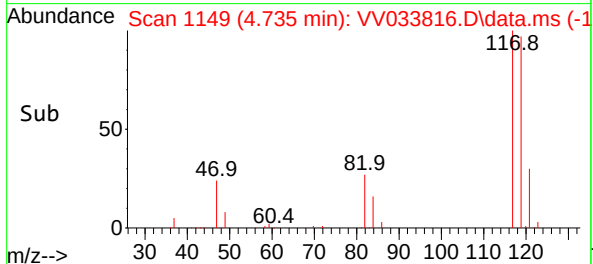
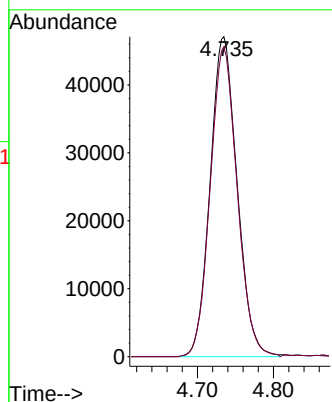
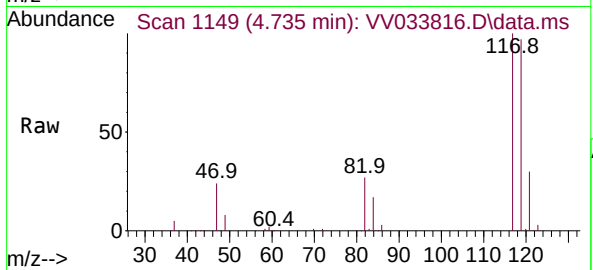
ClientSampleId :

Tgt Ion:117 Resp: 115980

Ion Ratio Lower Upper

117 100

119 96.6 77.0 115.4



#33

Benzene

Concen: 49.909 ug/L

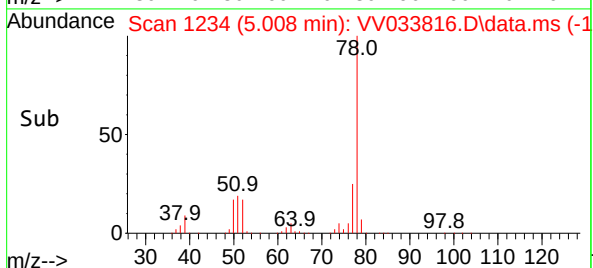
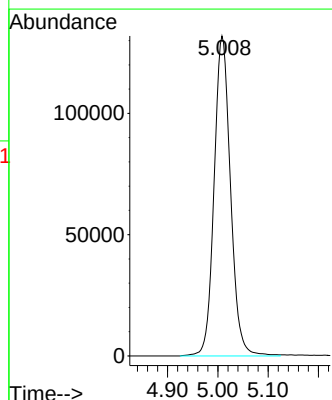
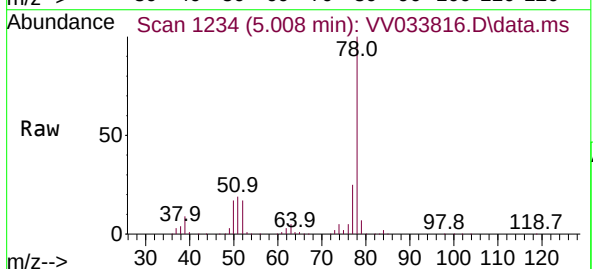
RT: 5.008 min Scan# 1234

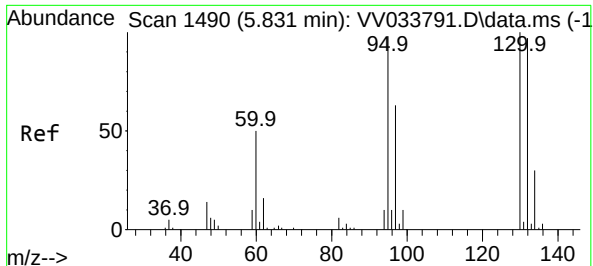
Delta R.T. -0.000 min

Lab File: VV033816.D

Acq: 23 Jan 2024 09:07

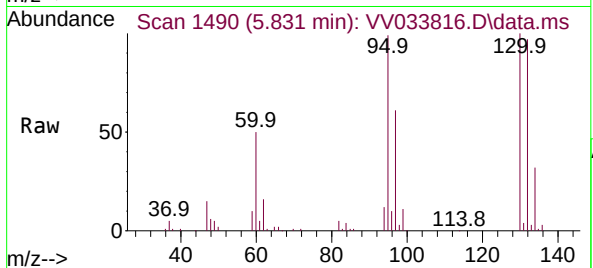
Tgt Ion: 78 Resp: 299148





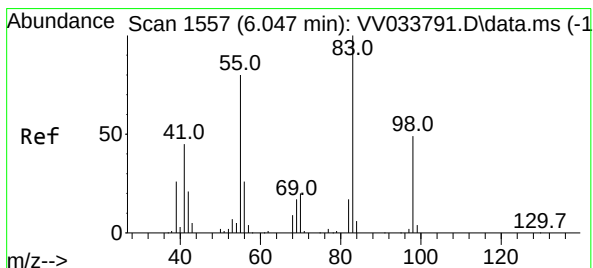
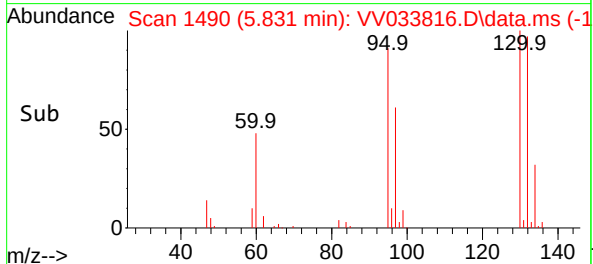
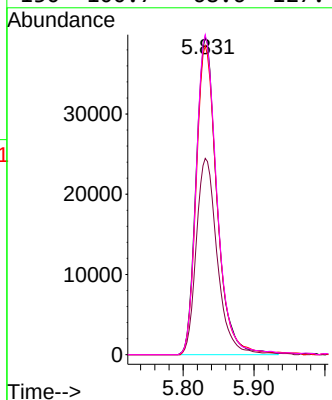
#34
Trichloroethene
Concen: 50.017 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 80420

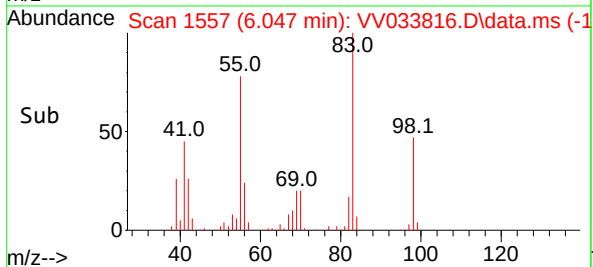
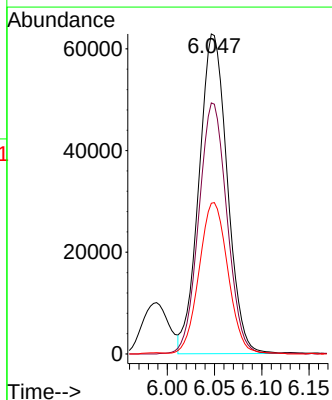
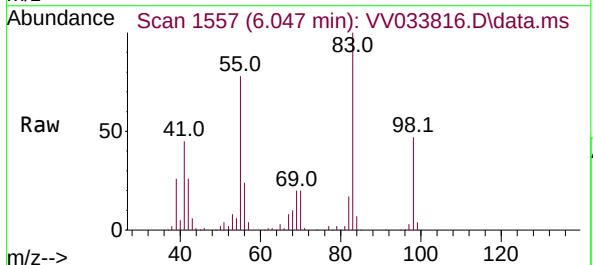
Ion	Ratio	Lower	Upper
95	100		
97	61.7	44.4	82.4
132	97.2	65.5	121.7
130	100.7	68.6	127.4

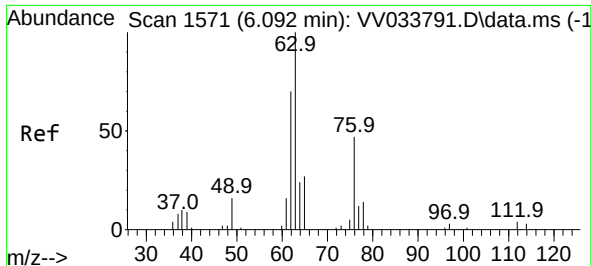


#35
Methylcyclohexane
Concen: 47.558 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

Tgt Ion: 83 Resp: 130860

Ion	Ratio	Lower	Upper
83	100		
55	78.4	67.1	100.7
98	48.4	37.7	56.5





#37

1,2-Dichloropropane

Concen: 47.588 ug/L

RT: 6.092 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV033816.D

Acq: 23 Jan 2024 09:07

Instrument :

MSVOA_V

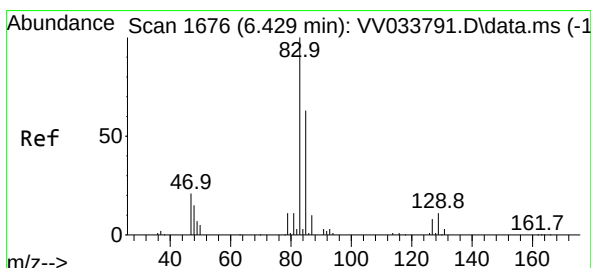
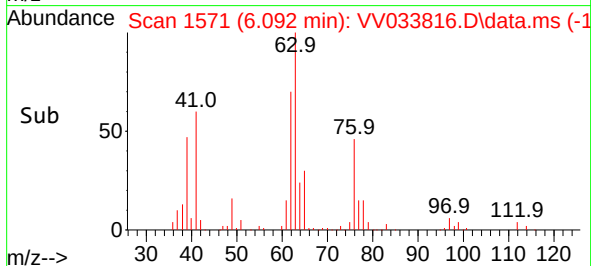
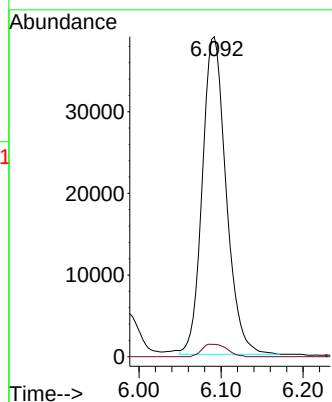
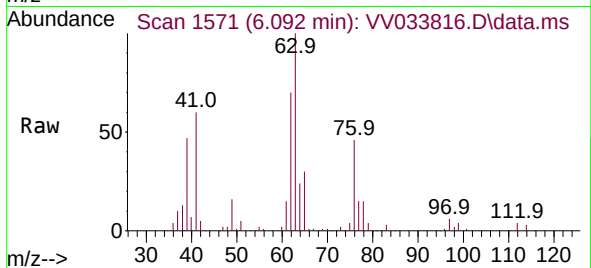
ClientSampleId :

Tgt Ion: 63 Resp: 78492

Ion Ratio Lower Upper

63 100

112 4.1 3.1 4.7



#38

Bromodichloromethane

Concen: 50.657 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VV033816.D

Acq: 23 Jan 2024 09:07

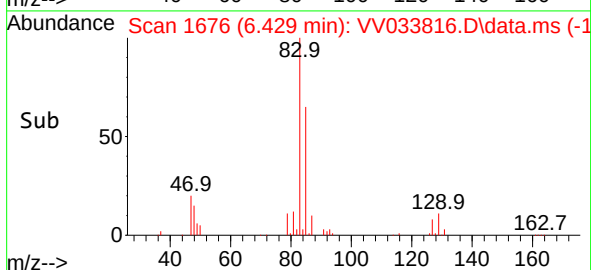
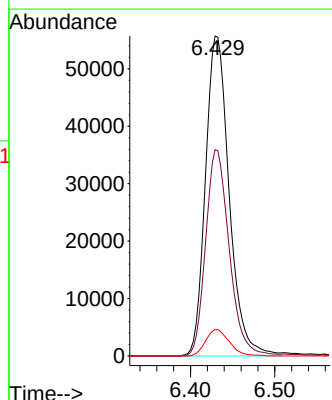
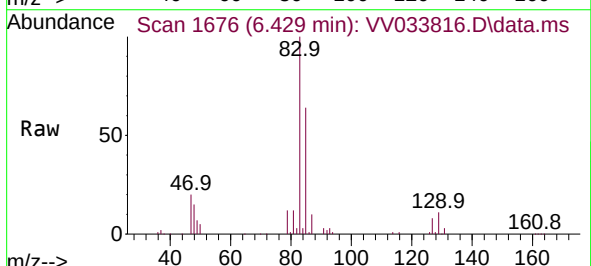
Tgt Ion: 83 Resp: 109304

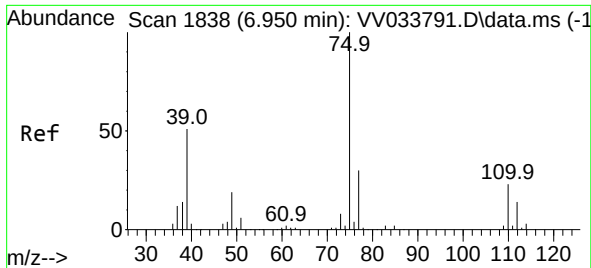
Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.7

127 8.2 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 45.730 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.003 min

Lab File: VV033816.D

Acq: 23 Jan 2024 09:07

Instrument :

MSVOA_V

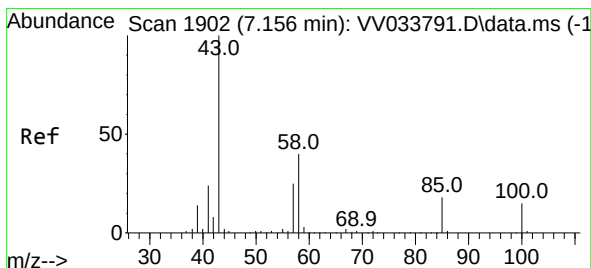
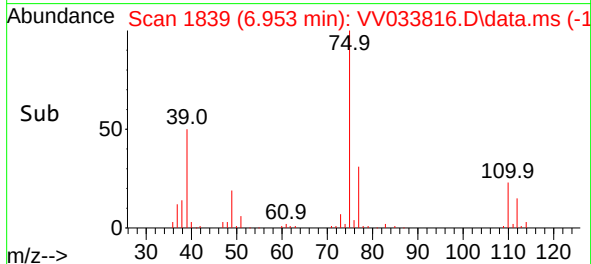
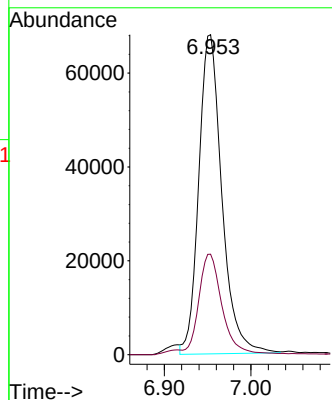
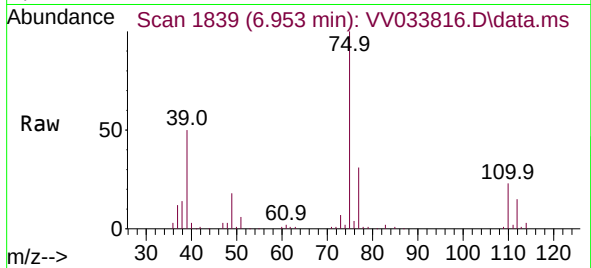
ClientSampleId :

Tgt Ion: 75 Resp: 125958

Ion Ratio Lower Upper

75 100

77 31.4 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 82.187 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.003 min

Lab File: VV033816.D

Acq: 23 Jan 2024 09:07

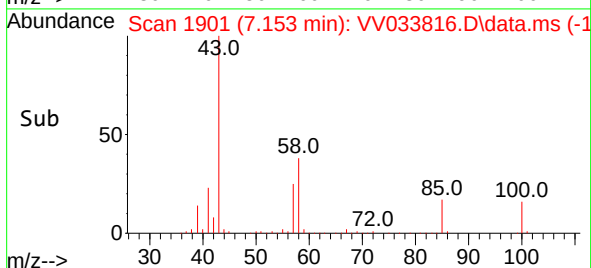
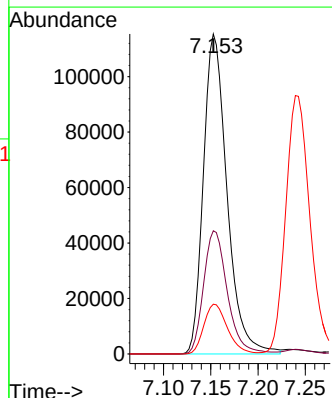
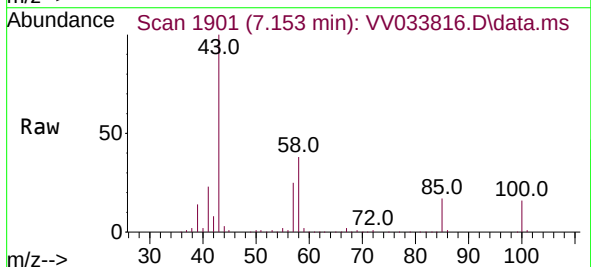
Tgt Ion: 43 Resp: 200865

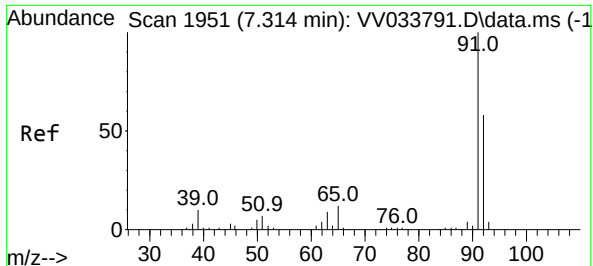
Ion Ratio Lower Upper

43 100

58 38.7 29.6 44.4

100 15.5 10.6 16.0





#42

Toluene

Concen: 50.463 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV033816.D

Acq: 23 Jan 2024 09:07

Instrument :

MSVOA_V

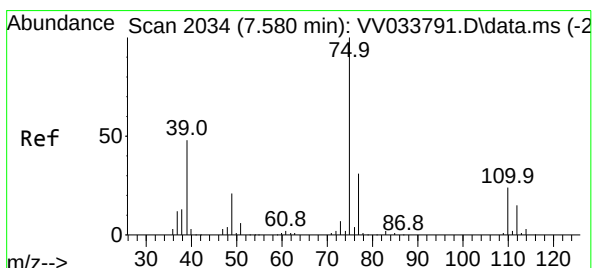
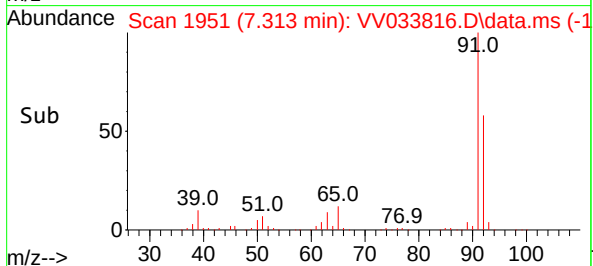
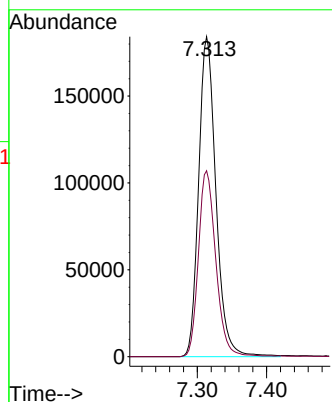
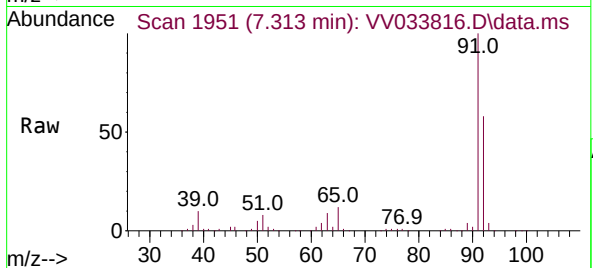
ClientSampleId :

Tgt Ion: 91 Resp: 319743

Ion Ratio Lower Upper

91 100

92 58.1 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 47.075 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.000 min

Lab File: VV033816.D

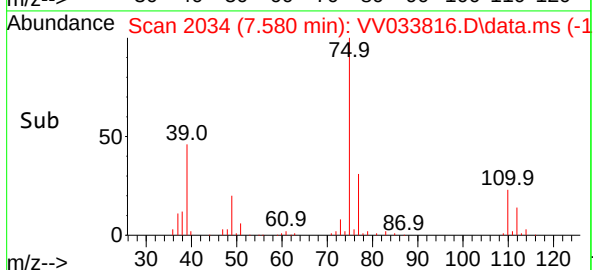
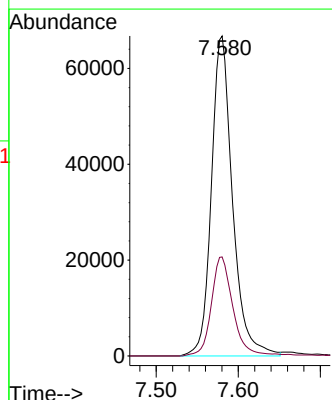
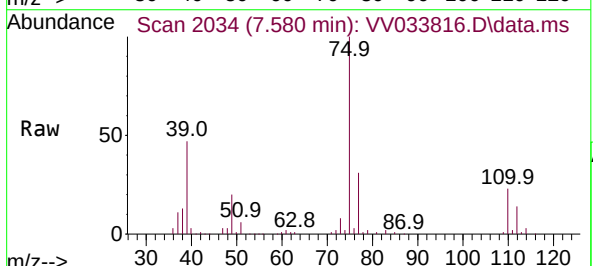
Acq: 23 Jan 2024 09:07

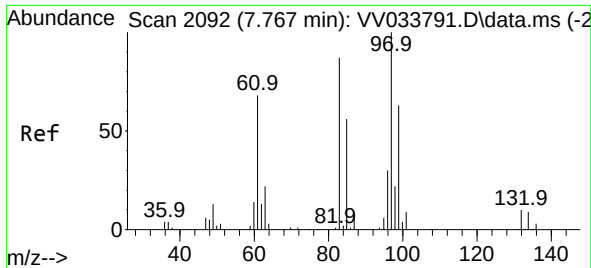
Tgt Ion: 75 Resp: 119487

Ion Ratio Lower Upper

75 100

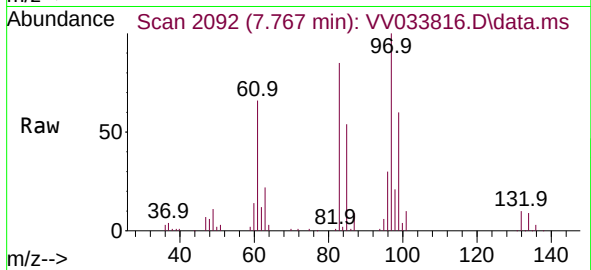
77 30.9 21.6 40.0



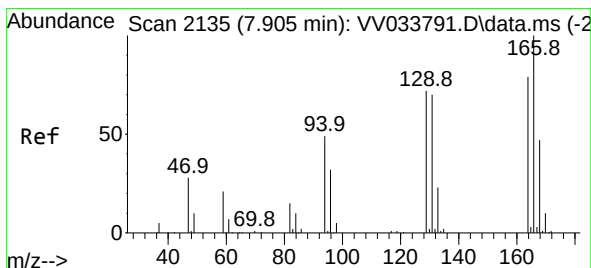
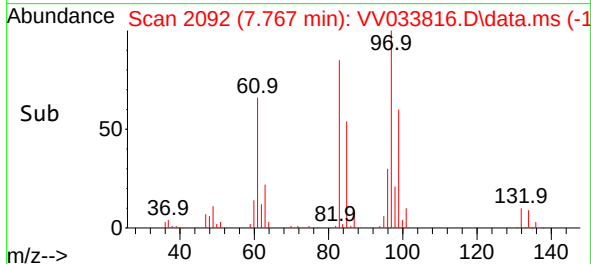
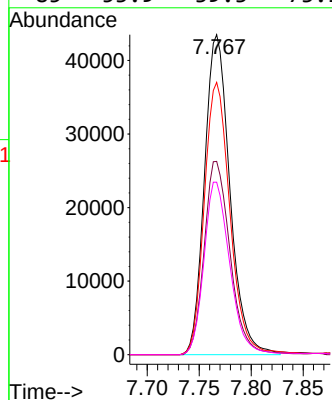


#45
1,1,2-Trichloroethane
Concen: 49.559 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

Instrument :
MSVOA_V
ClientSampleId :

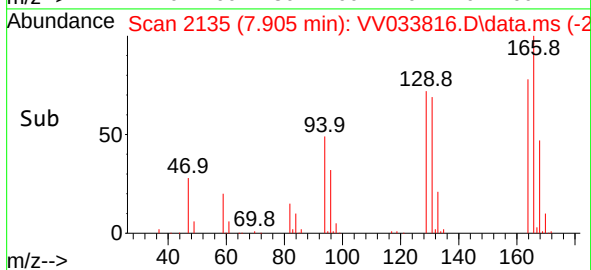
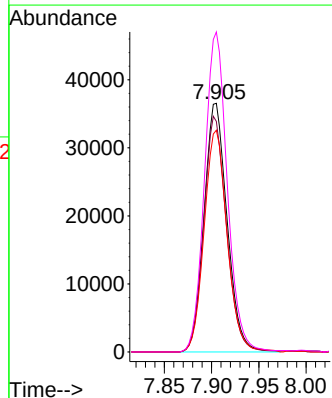
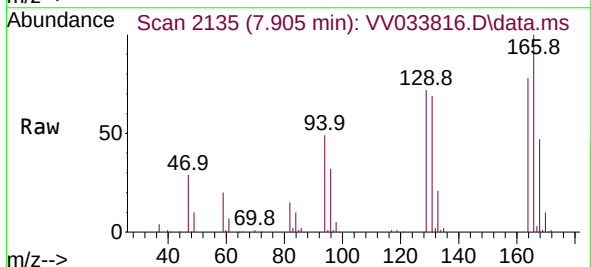


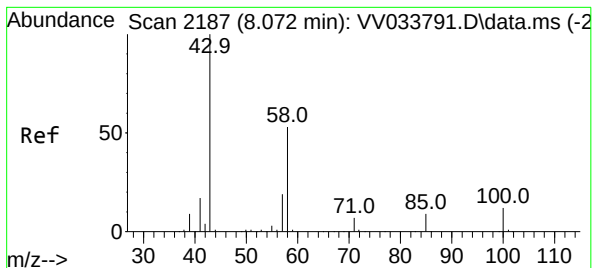
Tgt Ion:	97	Resp:	74168
Ion	Ratio	Lower	Upper
97	100		
99	60.4	42.8	79.6
83	85.1	61.2	113.8
85	53.9	39.3	73.1



#46
Tetrachloroethene
Concen: 52.689 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

Tgt Ion:	164	Resp:	62138
Ion	Ratio	Lower	Upper
164	100		
129	92.7	66.1	122.7
131	89.2	65.9	122.5
166	128.7	88.5	164.3





#48

2-Hexanone

Concen: 75.439 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. -0.000 min

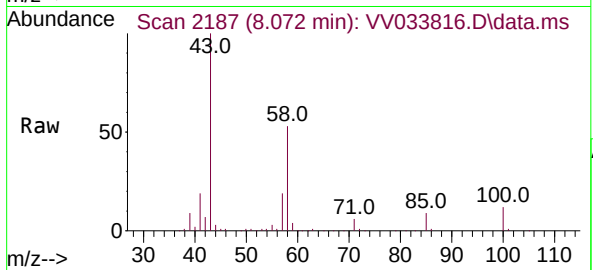
Lab File: VV033816.D

Acq: 23 Jan 2024 09:07

Instrument :

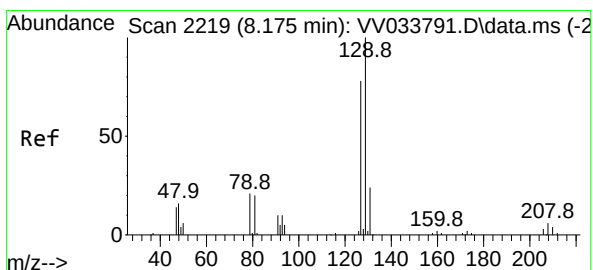
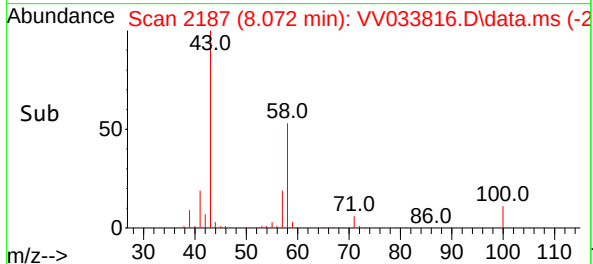
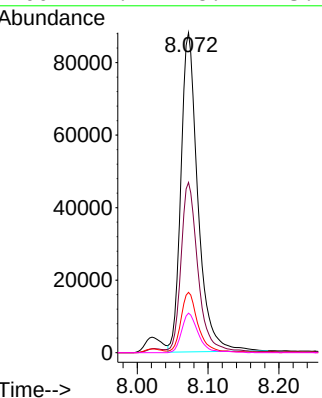
MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 146911

Ion	Ratio	Lower	Upper
43	100		
58	51.3	42.3	63.5
57	17.8	14.2	21.2
100	11.9	8.7	13.1



#49

Dibromochloromethane

Concen: 50.229 ug/L

RT: 8.175 min Scan# 2219

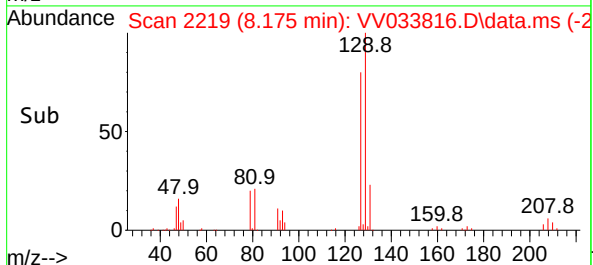
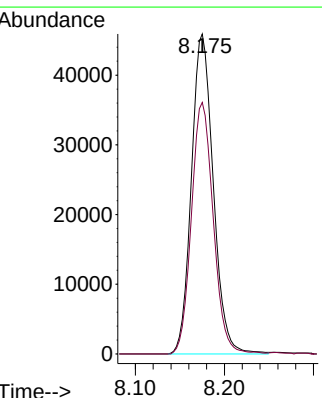
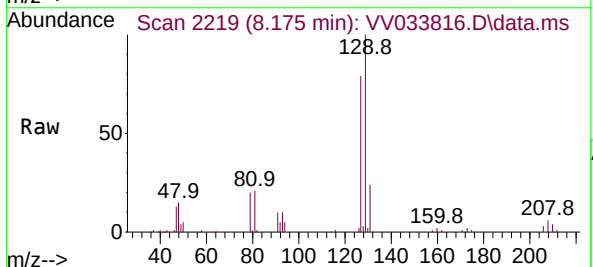
Delta R.T. -0.000 min

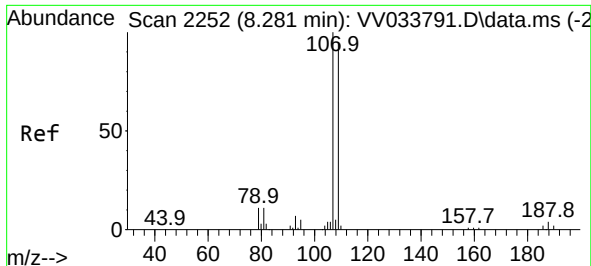
Lab File: VV033816.D

Acq: 23 Jan 2024 09:07

Tgt Ion:129 Resp: 78290

Ion	Ratio	Lower	Upper
129	100		
127	78.6	54.5	101.3

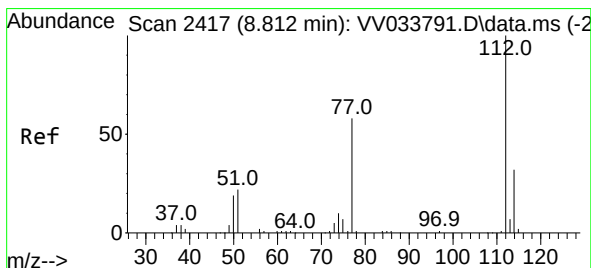
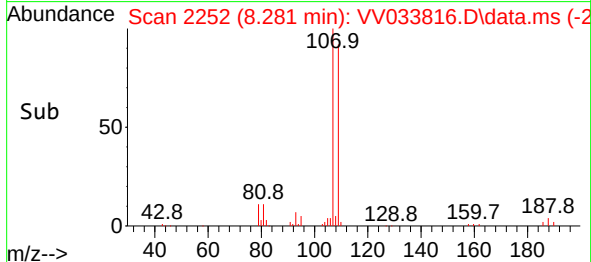
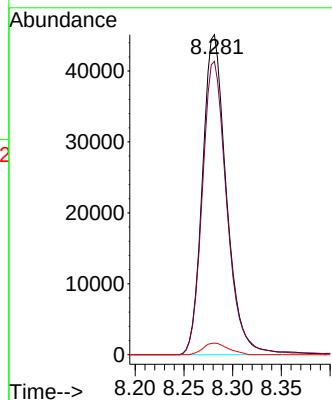
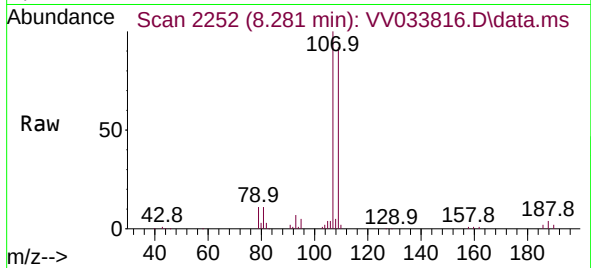




#50
1,2-Dibromoethane
Concen: 48.706 ug/L
RT: 8.281 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

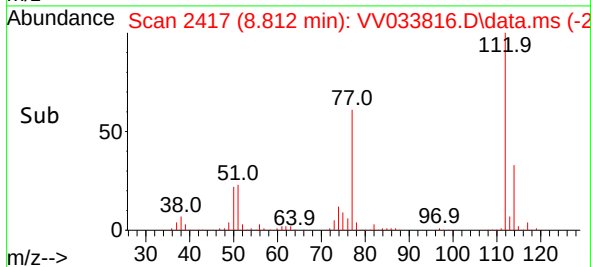
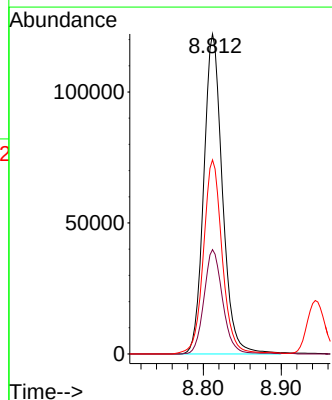
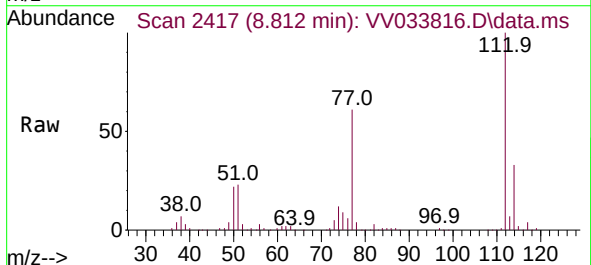
Instrument :
MSVOA_V
ClientSampleId :

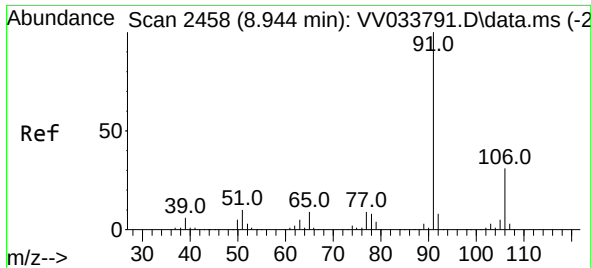
Tgt Ion:107 Resp: 77031
Ion Ratio Lower Upper
107 100
109 91.7 66.4 123.4
188 3.6 2.7 4.1



#51
Chlorobenzene
Concen: 50.440 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

Tgt Ion:112 Resp: 203579
Ion Ratio Lower Upper
112 100
114 32.6 22.5 41.7
77 60.7 49.4 74.0

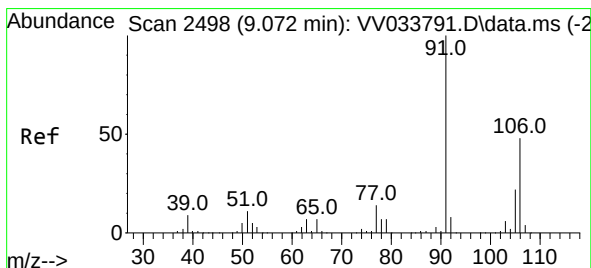
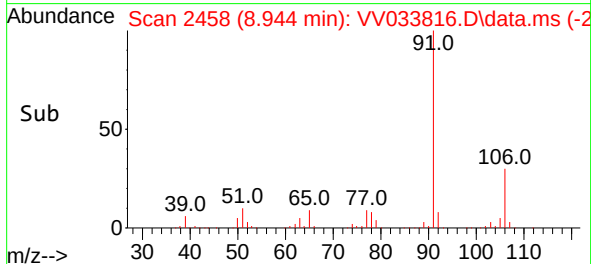
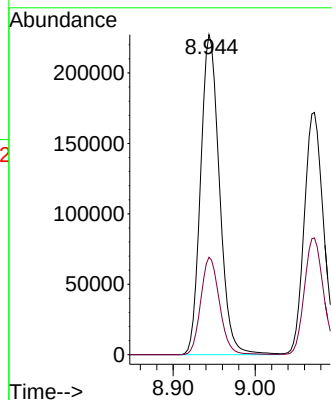
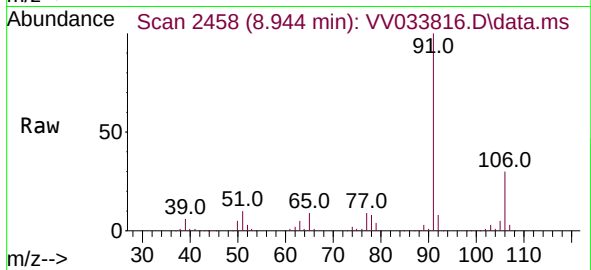




#52
Ethylbenzene
Concen: 49.404 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

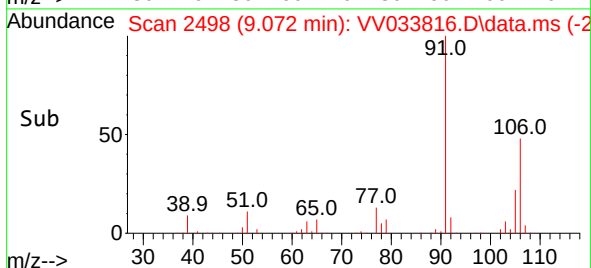
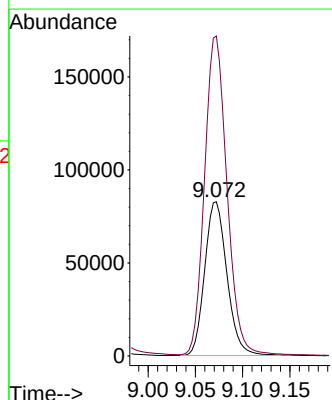
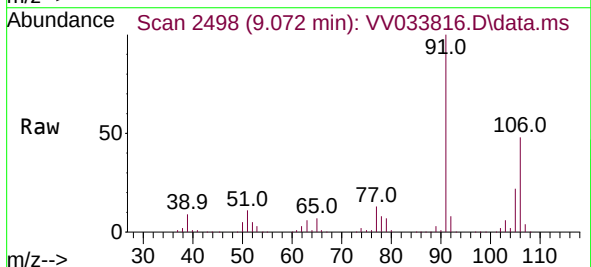
Instrument :
MSVOA_V
ClientSampleId :

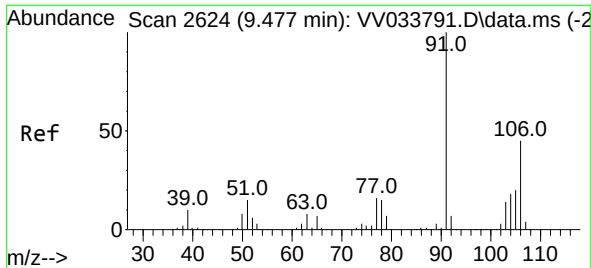
Tgt Ion: 91 Resp: 362567
Ion Ratio Lower Upper
91 100
106 30.4 21.5 39.9



#53
m,p-Xylene
Concen: 49.951 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

Tgt Ion:106 Resp: 135333
Ion Ratio Lower Upper
106 100
91 207.6 146.1 271.3

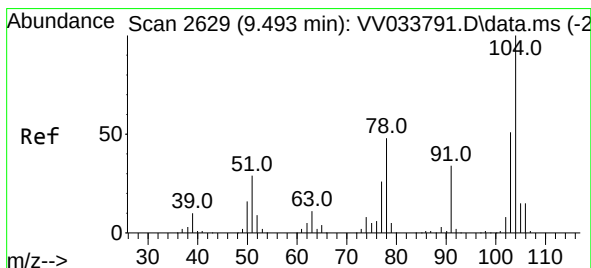
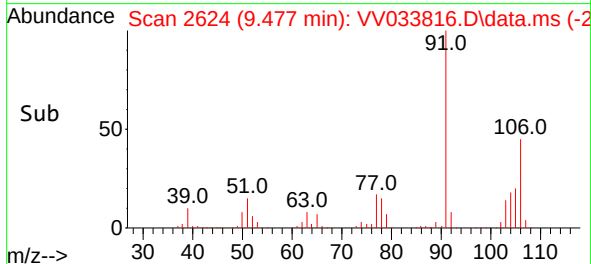
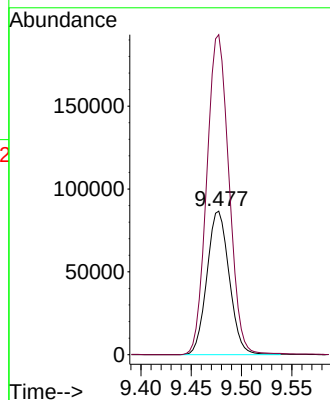
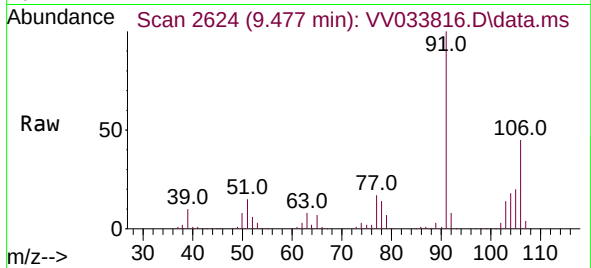




#54
o-Xylene
Concen: 49.884 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

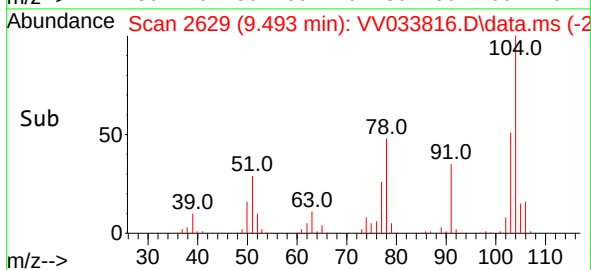
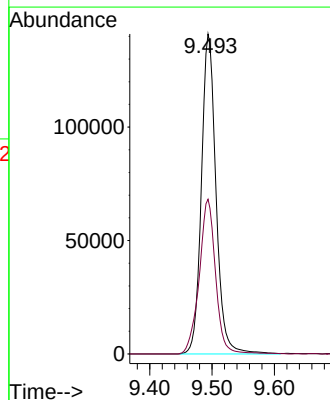
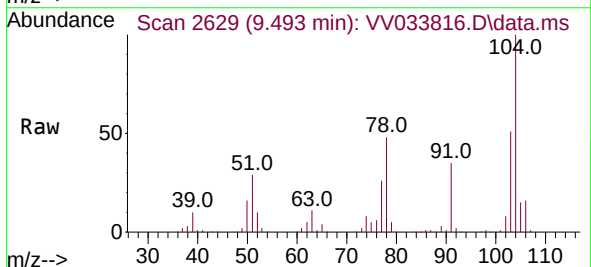
Instrument :
MSVOA_V
ClientSampleId :

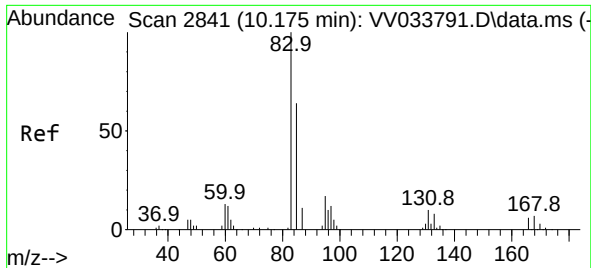
Tgt Ion:106 Resp: 133802
Ion Ratio Lower Upper
106 100
91 223.0 155.2 288.2



#55
Styrene
Concen: 49.761 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

Tgt Ion:104 Resp: 230437
Ion Ratio Lower Upper
104 100
78 48.3 33.0 61.4

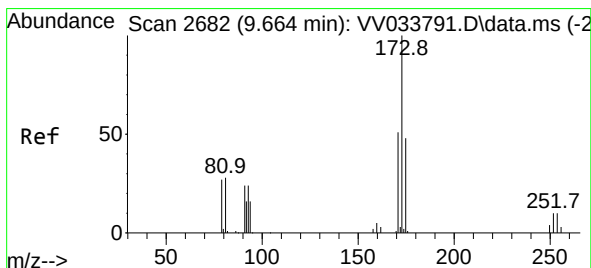
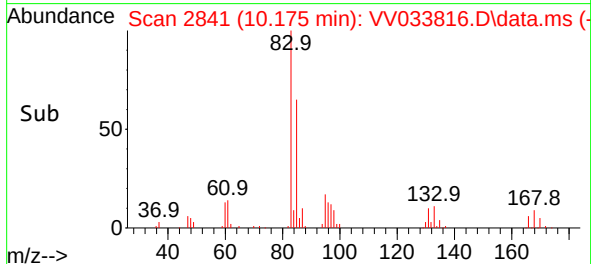
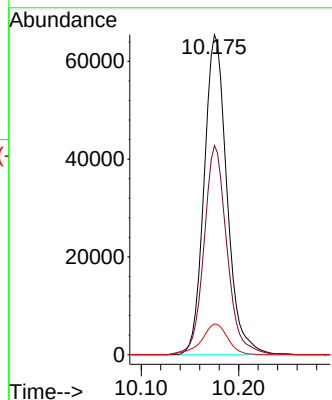
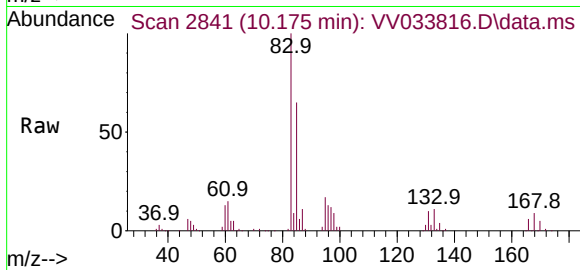




#57
 1,1,2,2-Tetrachloroethane
 Concen: 44.625 ug/L
 RT: 10.175 min Scan# 2841
 Delta R.T. -0.000 min
 Lab File: VV033816.D
 Acq: 23 Jan 2024 09:07

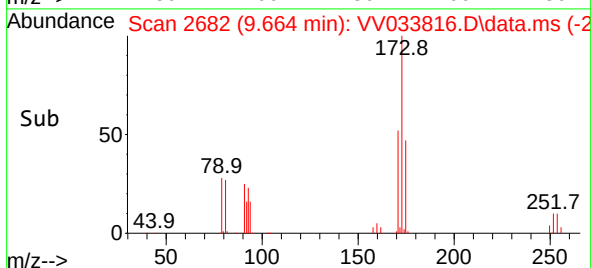
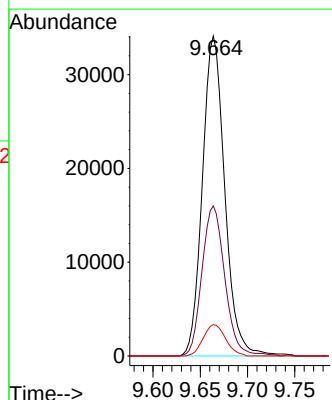
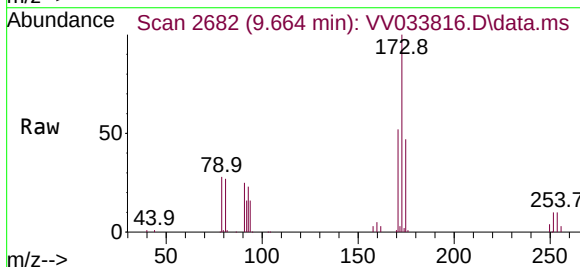
Instrument :
 MSVOA_V
 ClientSampleId :

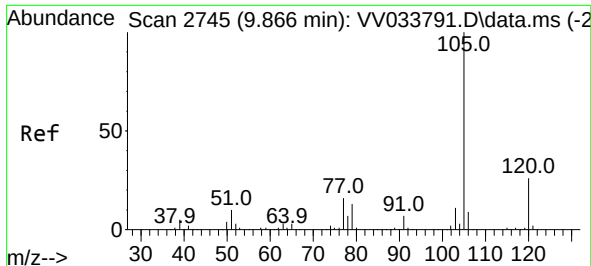
Tgt Ion: 83 Resp: 106283
 Ion Ratio Lower Upper
 83 100
 85 65.3 44.9 83.5
 131 9.6 7.5 11.3



#59
 Bromoform
 Concen: 49.427 ug/L
 RT: 9.664 min Scan# 2682
 Delta R.T. -0.000 min
 Lab File: VV033816.D
 Acq: 23 Jan 2024 09:07

Tgt Ion: 173 Resp: 56163
 Ion Ratio Lower Upper
 173 100
 175 47.4 37.2 55.8
 254 9.8 7.4 11.0

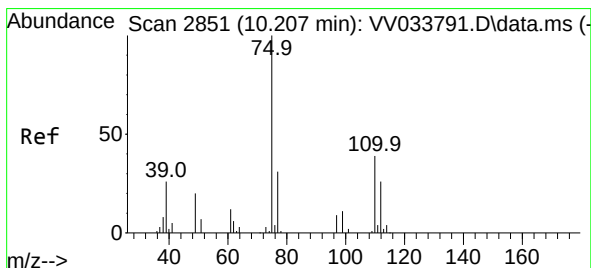
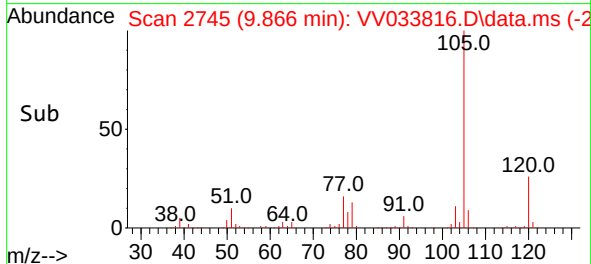
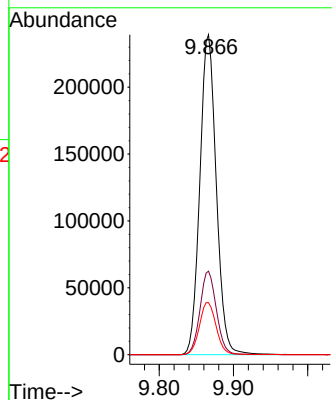
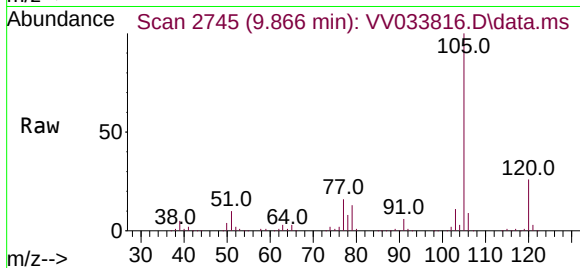




#60
Isopropylbenzene
Concen: 50.936 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. -0.000 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

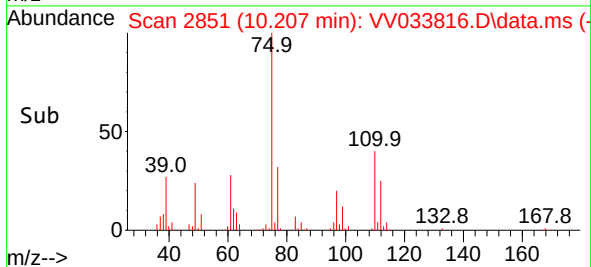
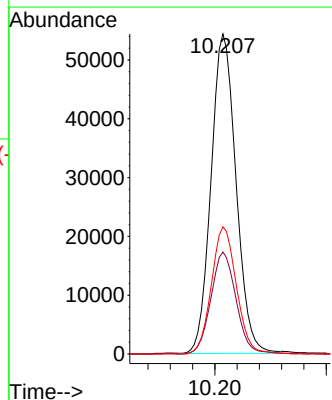
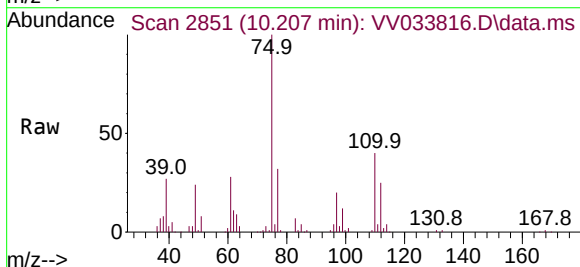
Instrument :
MSVOA_V
ClientSampleId :

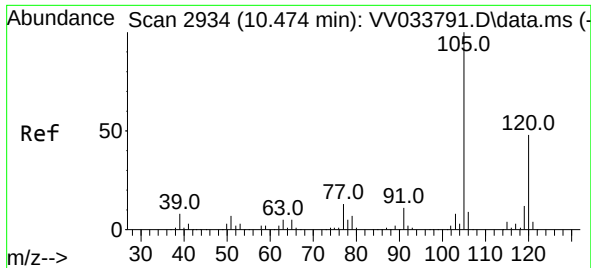
Tgt Ion:105 Resp: 368444
Ion Ratio Lower Upper
105 100
120 26.0 20.6 31.0
77 16.7 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 44.546 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

Tgt Ion: 75 Resp: 84521
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
110 39.9 29.5 44.3

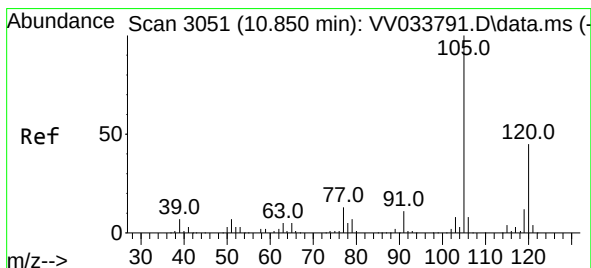
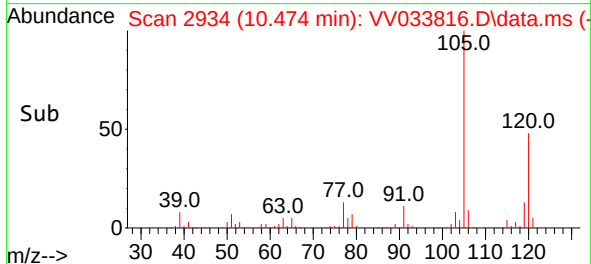
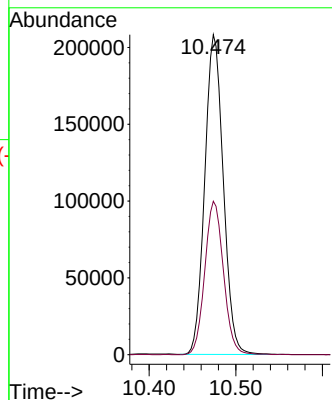
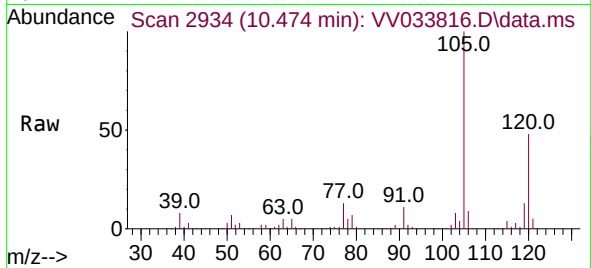




#62
1,3,5-Trimethylbenzene
Concen: 49.955 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. -0.000 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

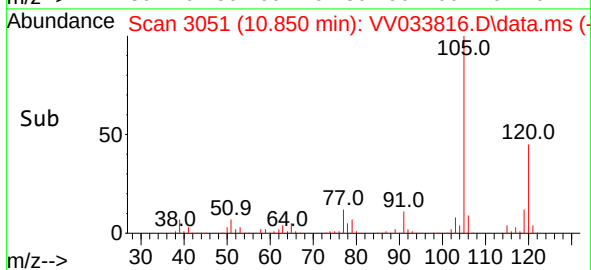
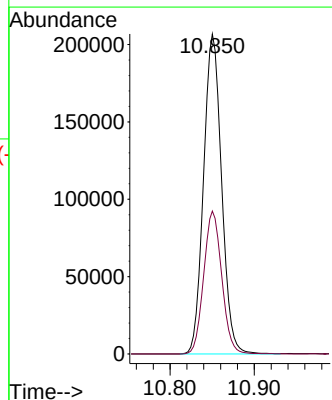
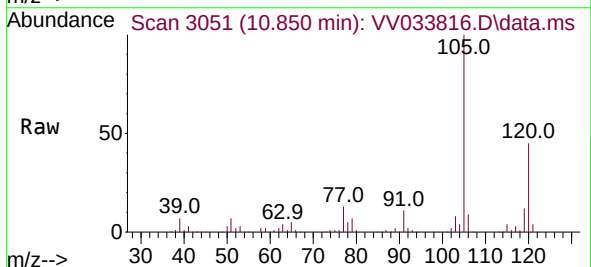
Instrument :
MSVOA_V
ClientSampleId :

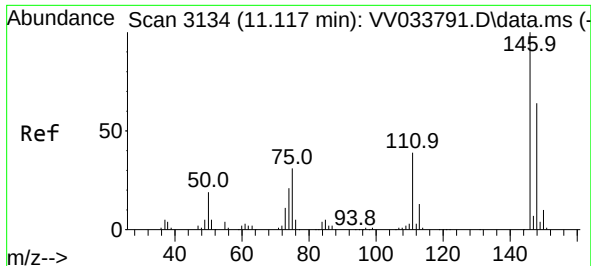
Tgt Ion:105 Resp: 310037
Ion Ratio Lower Upper
105 100
120 48.3 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 49.946 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

Tgt Ion:105 Resp: 308866
Ion Ratio Lower Upper
105 100
120 44.6 35.4 53.0

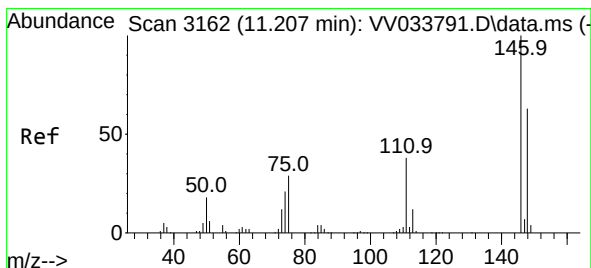
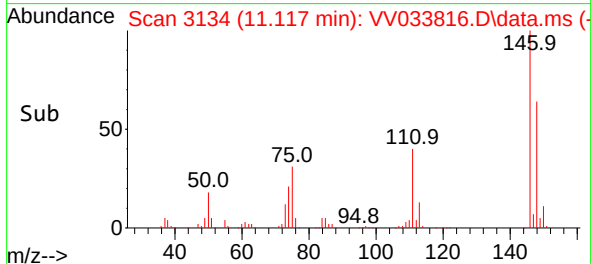
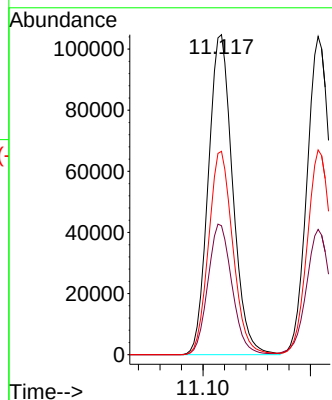
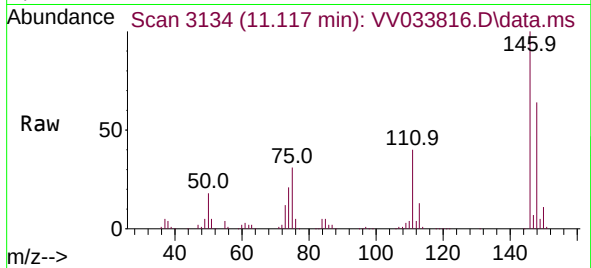




#64
1,3-Dichlorobenzene
Concen: 50.521 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

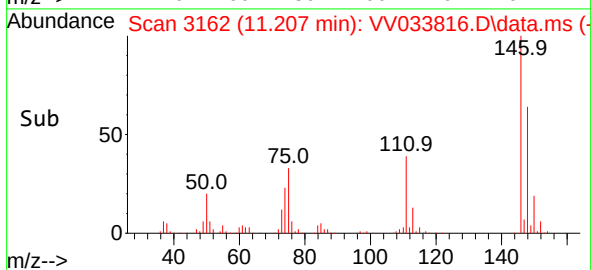
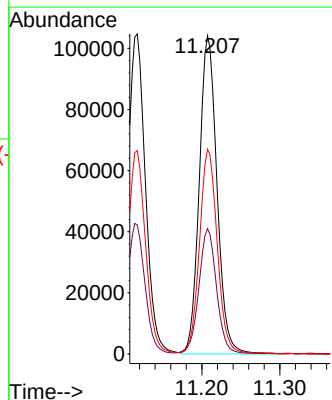
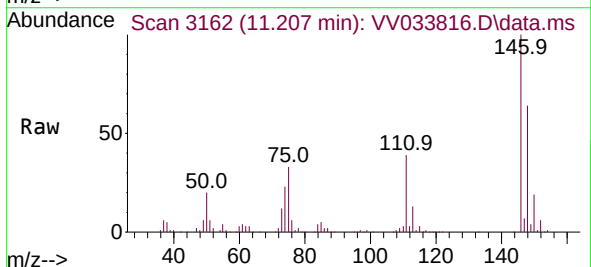
Instrument :
MSVOA_V
ClientSampleId :

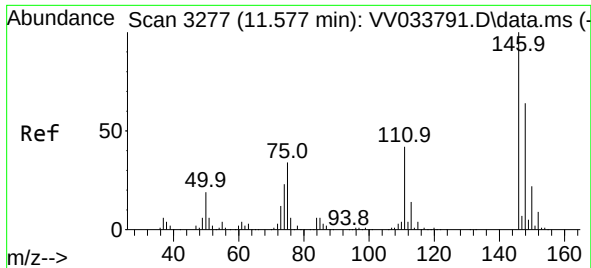
Tgt Ion:146 Resp: 165068
Ion Ratio Lower Upper
146 100
111 40.3 29.0 53.8
148 63.5 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 50.160 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV033816.D
Acq: 23 Jan 2024 09:07

Tgt Ion:146 Resp: 164332
Ion Ratio Lower Upper
146 100
111 39.4 27.7 51.5
148 64.3 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 51.210 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033816.D

Acq: 23 Jan 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :

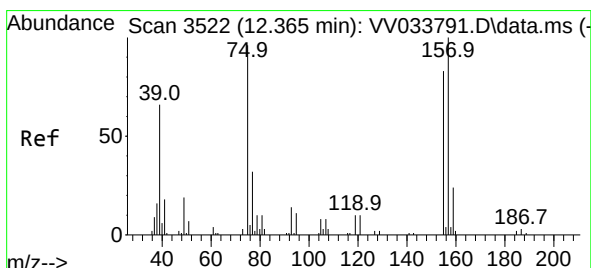
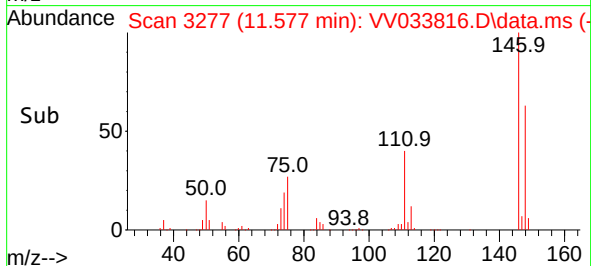
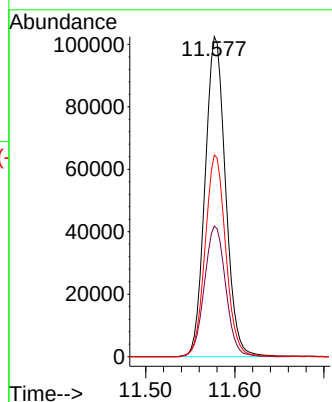
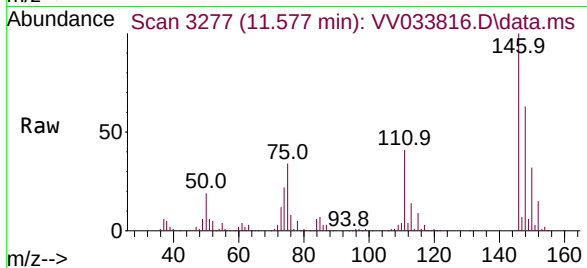
Tgt Ion:146 Resp: 163491

Ion Ratio Lower Upper

146 100

111 40.8 35.4 53.0

148 63.0 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 43.758 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033816.D

Acq: 23 Jan 2024 09:07

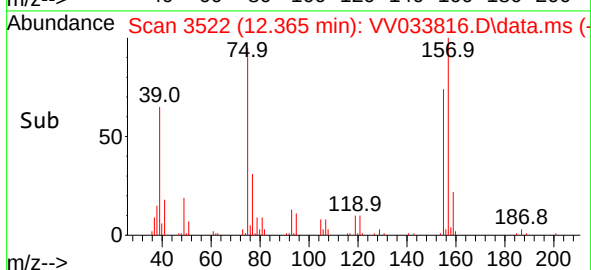
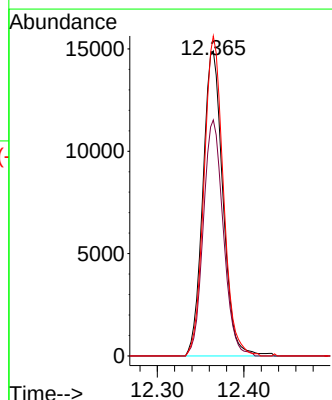
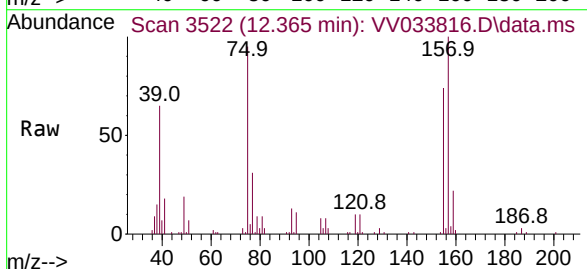
Tgt Ion: 75 Resp: 23959

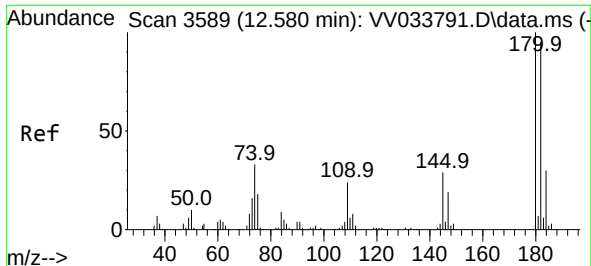
Ion Ratio Lower Upper

75 100

155 77.4 61.6 92.4

157 104.9 79.2 118.8





#69

1,3,5-Trichlorobenzene

Concen: 51.096 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

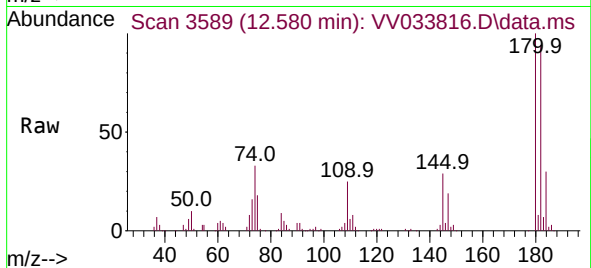
Lab File: VV033816.D

Acq: 23 Jan 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 123367

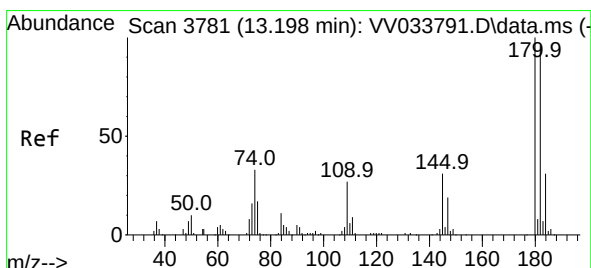
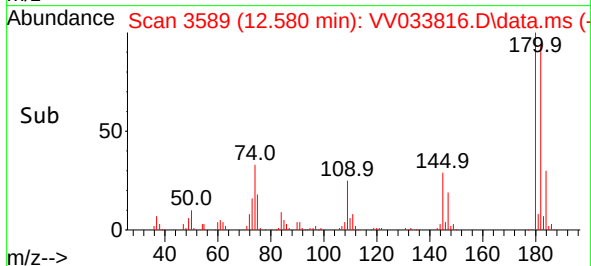
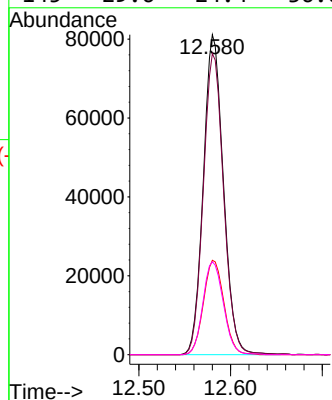
Ion Ratio Lower Upper

180 100

182 95.1 76.2 114.2

184 30.0 23.9 35.9

145 29.6 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 50.522 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV033816.D

Acq: 23 Jan 2024 09:07

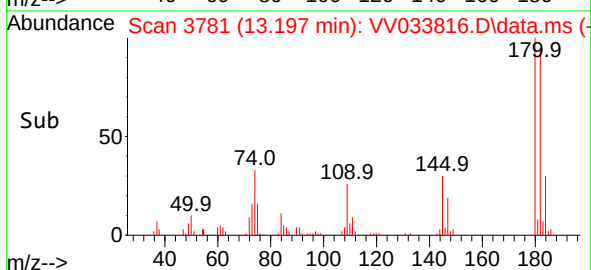
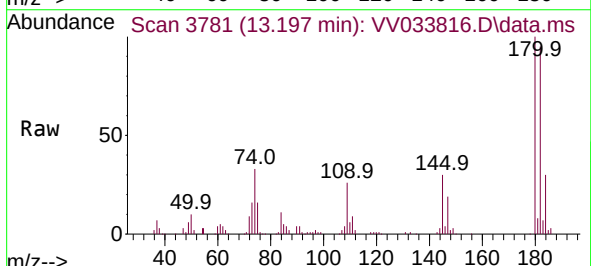
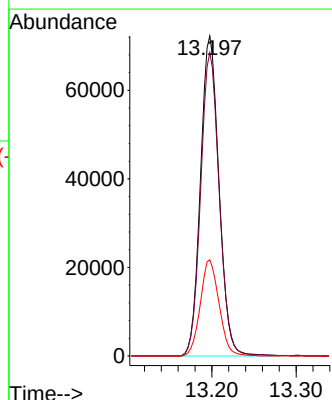
Tgt Ion:180 Resp: 110716

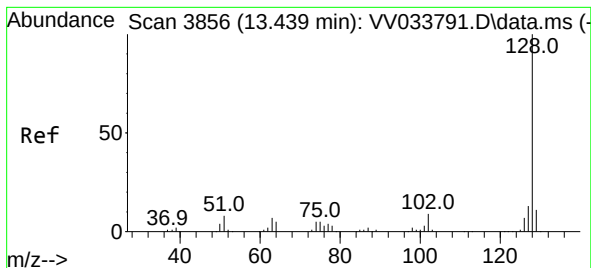
Ion Ratio Lower Upper

180 100

182 95.0 76.3 114.5

145 30.4 25.4 38.0





#71

Naphthalene

Concen: 42.558 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV033816.D

Acq: 23 Jan 2024 09:07

Instrument :

MSVOA_V

ClientSampleId :

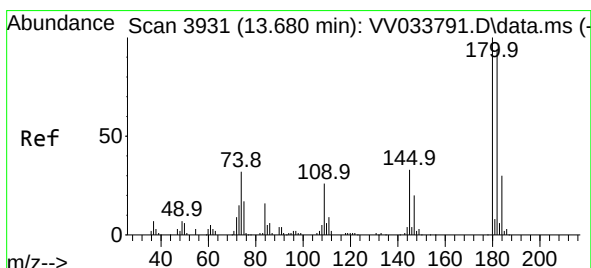
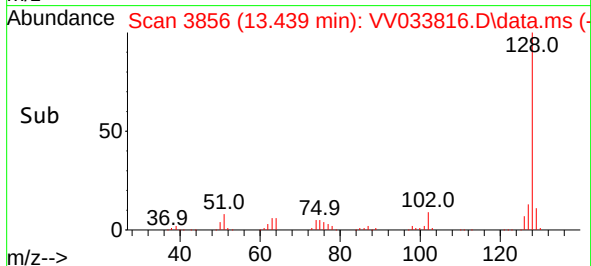
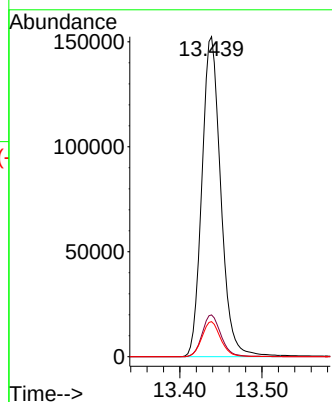
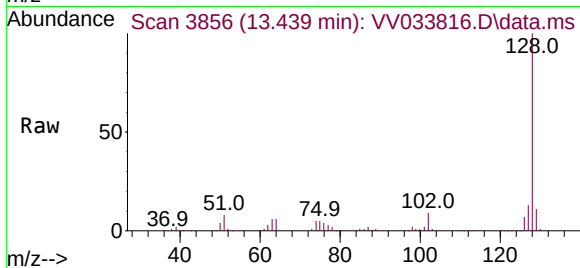
Tgt Ion:128 Resp: 243707

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 50.882 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV033816.D

Acq: 23 Jan 2024 09:07

Tgt Ion:180 Resp: 104077

Ion Ratio Lower Upper

180 100

182 93.8 76.0 114.0

145 32.2 26.3 39.5

