

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012224\
 Data File : VW033791.D
 Acq On : 22 Jan 2024 09:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 22 23:37:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 23:43:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	244316	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	221424	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	115317	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	81171	43.229	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.460%
7) Chloroethane-d5	1.529	69	67708	45.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.060%
11) 1,1-Dichloroethene-d2	2.060	65	37696	46.648	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.300%
21) 2-Butanone-d5	3.786	46	89885	69.791	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.790%
24) Chloroform-d	4.249	84	152599	45.450	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.900%
26) 1,2-Dichloroethane-d4	4.941	65	99092	45.678	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.360%
32) Benzene-d6	4.960	84	290200	46.101	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	5.986	67	87331	42.147	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.300%
41) Toluene-d8	7.243	98	269211	47.465	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.920%
43) trans-1,3-Dichloroprop...	7.551	79	45242	44.179	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.360%
47) 2-Hexanone-d5	8.024	63	64216	74.713	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.710%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	103424	39.097	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	102057	46.646	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	89647	44.107	ug/L	99
3) Chloromethane	1.217	50	95458	41.302	ug/L	100
5) Vinyl chloride	1.285	62	98423	44.514	ug/L	98
6) Bromomethane	1.484	94	49540	42.871	ug/L	98
8) Chloroethane	1.545	64	62967	47.759	ug/L	94
9) Trichlorofluoromethane	1.712	101	147750	55.998	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	82852	53.299	ug/L	96
12) 1,1-Dichloroethene	2.073	96	76087	51.892	ug/L	92
13) Acetone	2.114	43	131265	106.598	ug/L	98
14) Carbon disulfide	2.243	76	232282	46.610	ug/L	99
15) Methyl Acetate	2.375	43	79842	39.651	ug/L #	100
16) Methylene chloride	2.449	84	81443	45.531	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	76755	46.862	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	273744	46.470	ug/L	99
19) 1,1-Dichloroethane	3.111	63	155268	46.369	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	86632	47.524	ug/L	96
22) 2-Butanone	3.867	43	122134	81.663	ug/L	100
23) Bromochloromethane	4.146	128	42792	48.322	ug/L	87
25) Chloroform	4.275	83	153296	48.285	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012224\
 Data File : VW033791.D
 Acq On : 22 Jan 2024 09:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

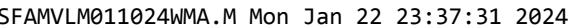
Instrument :
 MSVOA_V
 ClientSampleId :

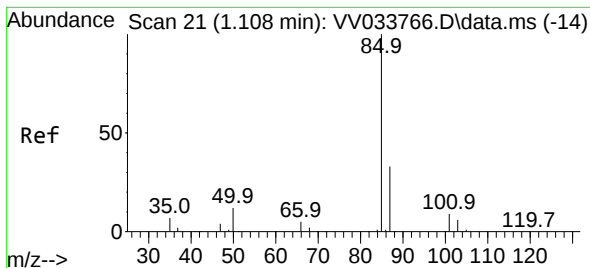
Quant Time: Jan 22 23:37:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 23:43:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	126029	47.526	ug/L	99
29) Cyclohexane	4.584	56	143414	45.943	ug/L	97
30) 1,1,1-Trichloroethane	4.513	97	141111	53.105	ug/L	98
31) Carbon tetrachloride	4.735	117	124980	55.103	ug/L	99
33) Benzene	5.008	78	318496	48.973	ug/L	100
34) Trichloroethene	5.831	95	84164	48.244	ug/L	96
35) Methylcyclohexane	6.047	83	145949	48.885	ug/L	96
37) 1,2-Dichloropropane	6.092	63	85371	47.703	ug/L	99
38) Bromodichloromethane	6.429	83	116811	49.894	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	144203	48.252	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	210236	79.281	ug/L	96
42) Toluene	7.314	91	341090	49.614	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	131478	47.741	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	78588	48.397	ug/L	99
46) Tetrachloroethene	7.905	164	67711	52.916	ug/L	97
48) 2-Hexanone	8.072	43	178575	84.513	ug/L	98
49) Dibromochloromethane	8.175	129	84367	49.886	ug/L	100
50) 1,2-Dibromoethane	8.281	107	80665	47.007	ug/L	100
51) Chlorobenzene	8.812	112	216522	49.443	ug/L	98
52) Ethylbenzene	8.944	91	385142	48.368	ug/L	100
53) m,p-Xylene	9.072	106	144865	49.279	ug/L	100
54) o-Xylene	9.477	106	140598	48.310	ug/L	99
55) Styrene	9.493	104	241443	48.052	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	111697	43.223	ug/L	99
59) Bromoform	9.664	173	57915	47.254	ug/L	97
60) Isopropylbenzene	9.866	105	389208	49.884	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	87020	42.520	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	332239	49.630	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	332516	49.851	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	175832	49.892	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	176759	50.020	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	171257	49.733	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	23177	39.245	ug/L	92
69) 1,3,5-Trichlorobenzene	12.580	180	135665	52.093	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	120604	51.023	ug/L	100
71) Naphthalene	13.439	128	258813	41.902	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	112569	51.022	ug/L	99

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

Quant Time: Jan 22 23:37:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 19 23:43:59 2024
Response via : Initial Calibration

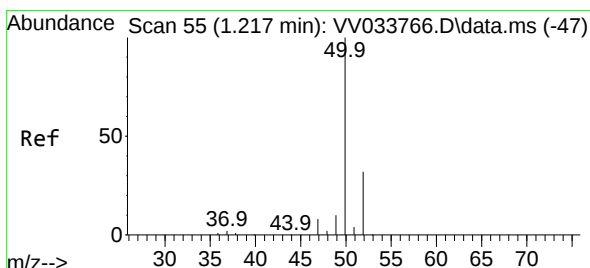
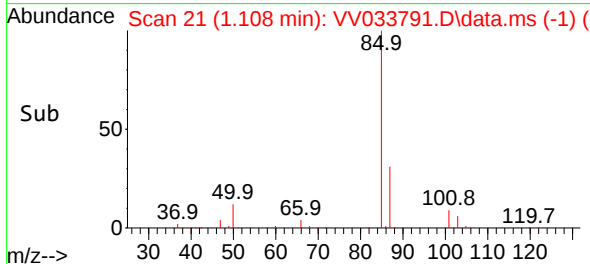
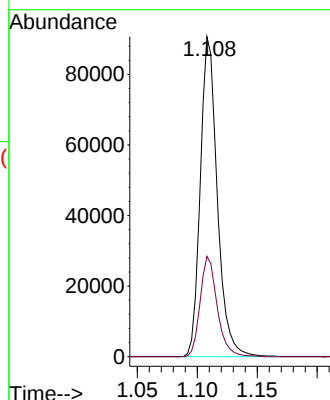
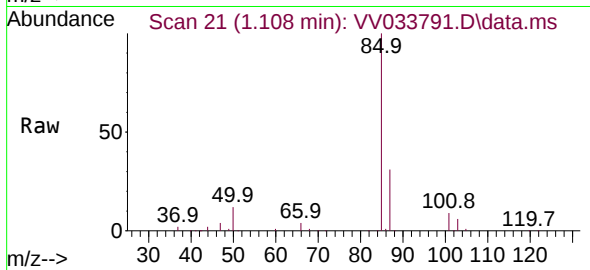




#2
 Dichlorodifluoromethane
 Concen: 44.107 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV033791.D
 Acq: 22 Jan 2024 09:40

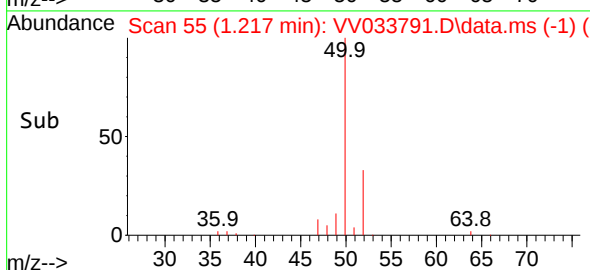
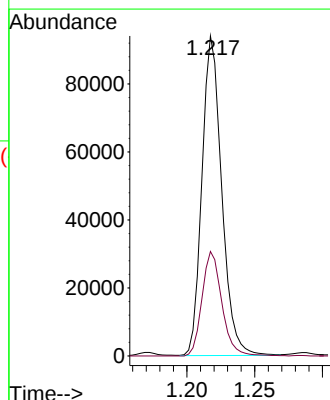
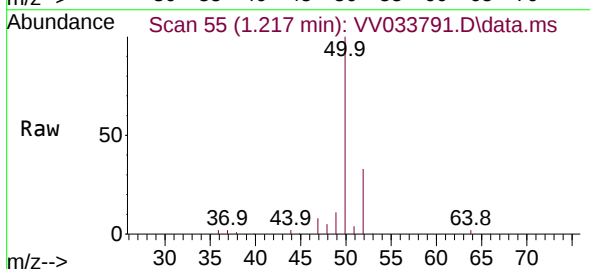
Instrument :
 MSVOA_V
 ClientSampleId :

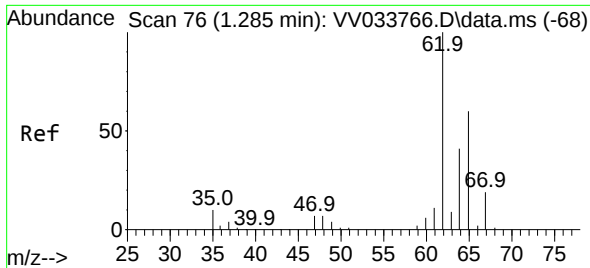
Tgt Ion: 85 Resp: 89647
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.8 38.6



#3
 Chloromethane
 Concen: 41.302 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV033791.D
 Acq: 22 Jan 2024 09:40

Tgt Ion: 50 Resp: 95458
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.8 42.4

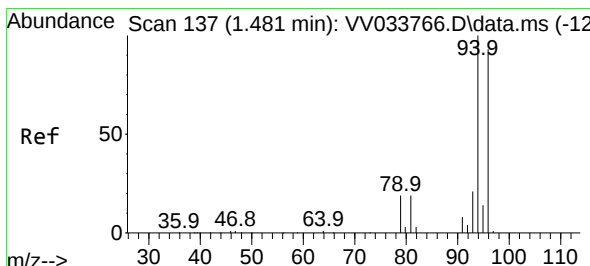
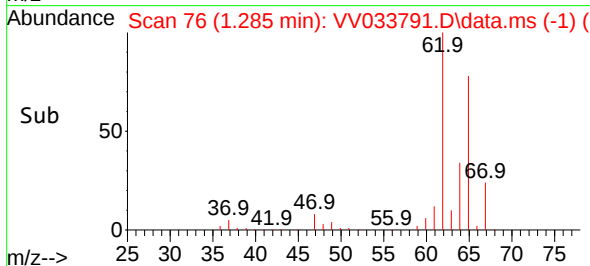
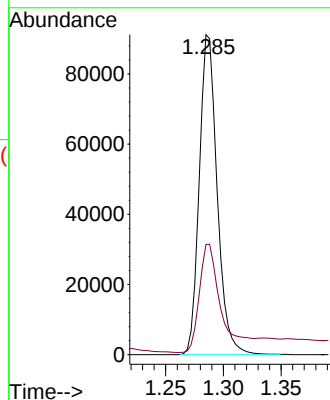
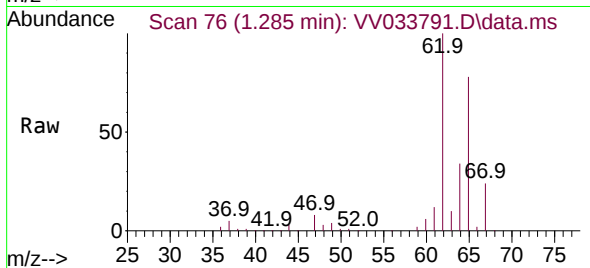




#5
Vinyl chloride
Concen: 44.514 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.000 min
Lab File: VV033791.D
Acq: 22 Jan 2024 09:40

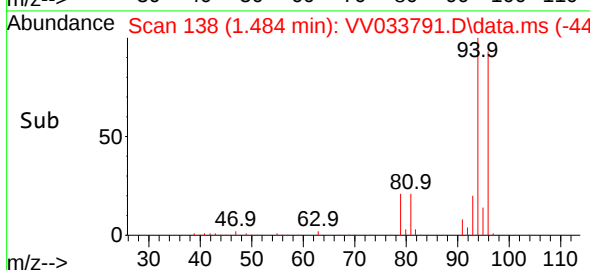
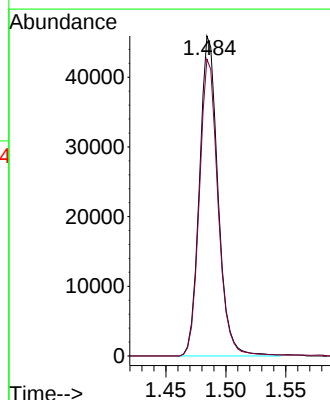
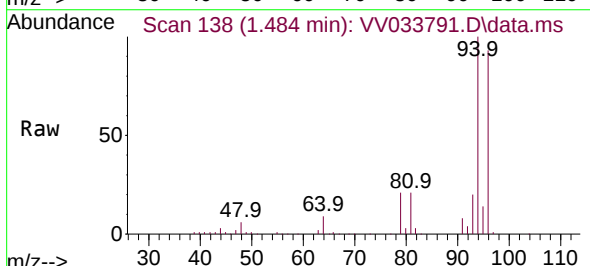
Instrument :
MSVOA_V
ClientSampleId :

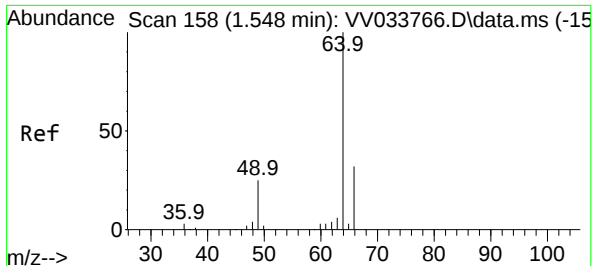
Tgt Ion: 62 Resp: 98423
Ion Ratio Lower Upper
62 100
64 34.4 23.2 43.0



#6
Bromomethane
Concen: 42.871 ug/L
RT: 1.484 min Scan# 138
Delta R.T. 0.003 min
Lab File: VV033791.D
Acq: 22 Jan 2024 09:40

Tgt Ion: 94 Resp: 49540
Ion Ratio Lower Upper
94 100
96 92.7 66.4 123.2





#8

Chloroethane

Concen: 47.759 ug/L

RT: 1.545 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV033791.D

Acq: 22 Jan 2024 09:40

Instrument :

MSVOA_V

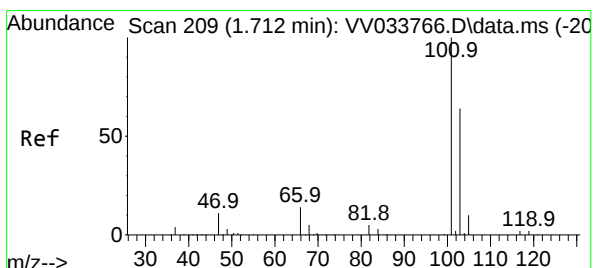
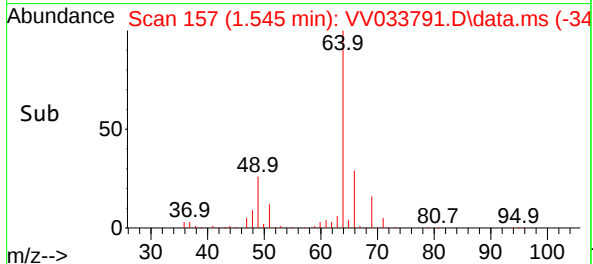
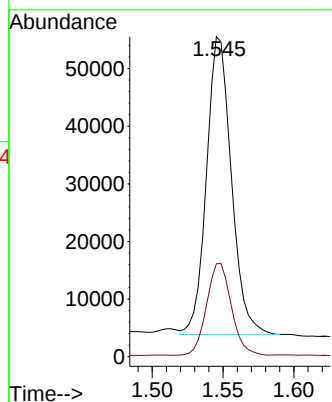
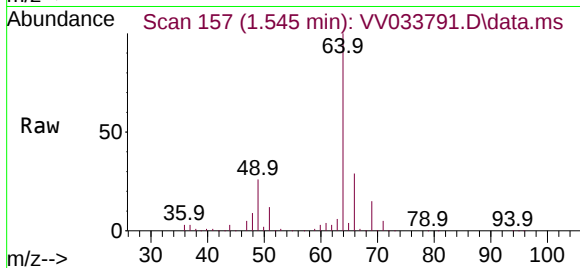
ClientSampleId :

Tgt Ion: 64 Resp: 62967

Ion Ratio Lower Upper

64 100

66 29.0 22.5 41.9



#9

Trichlorofluoromethane

Concen: 55.998 ug/L

RT: 1.712 min Scan# 209

Delta R.T. 0.000 min

Lab File: VV033791.D

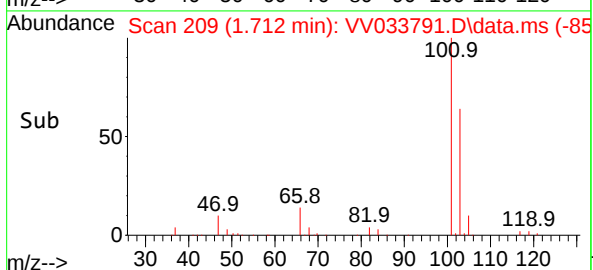
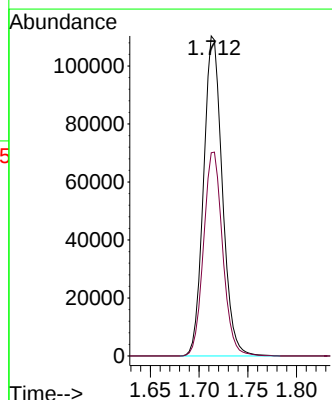
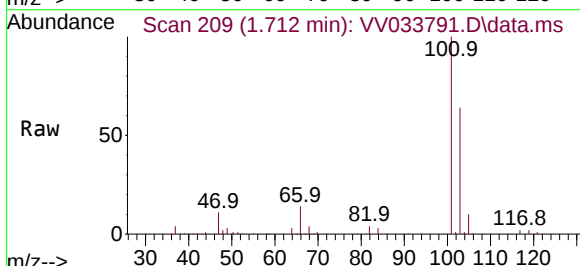
Acq: 22 Jan 2024 09:40

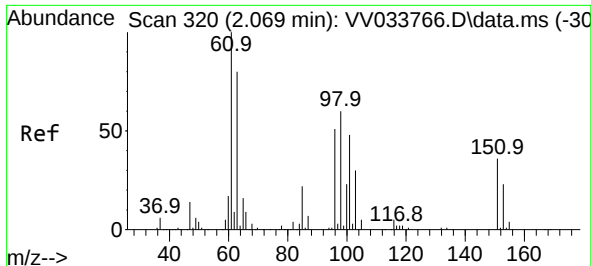
Tgt Ion:101 Resp: 147750

Ion Ratio Lower Upper

101 100

103 64.6 51.3 76.9

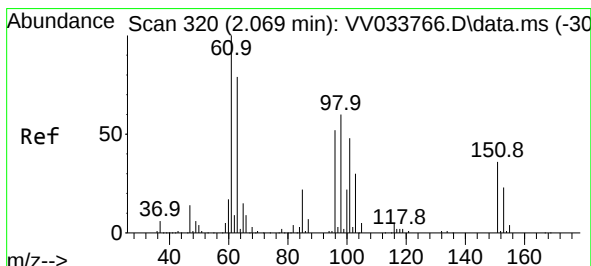
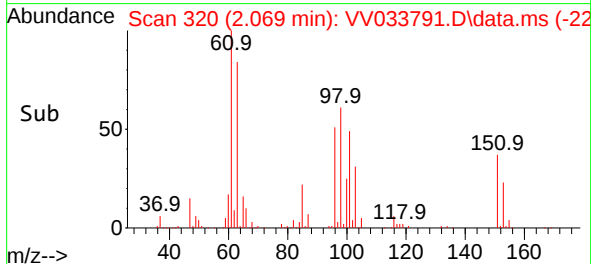
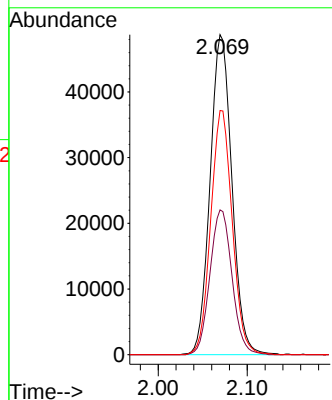
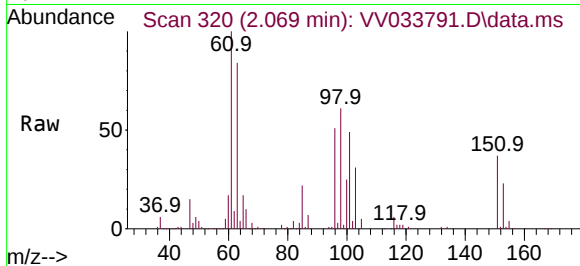




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 53.299 ug/L
 RT: 2.069 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV033791.D
 Acq: 22 Jan 2024 09:40

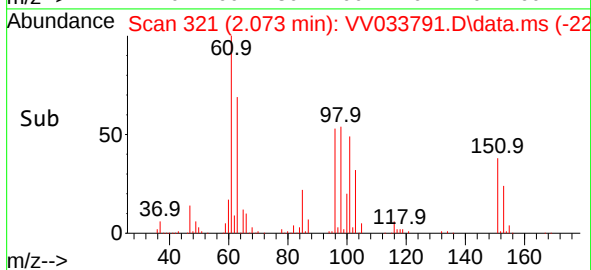
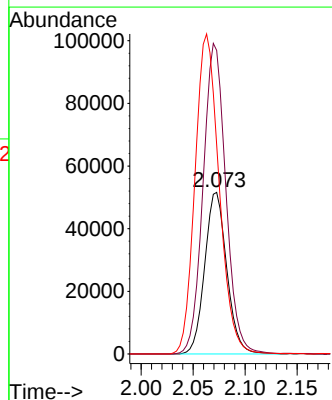
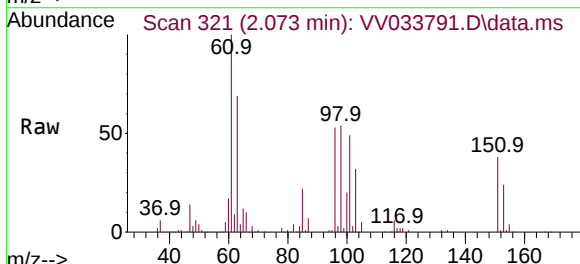
Instrument :
 MSVOA_V
 ClientSampleId :

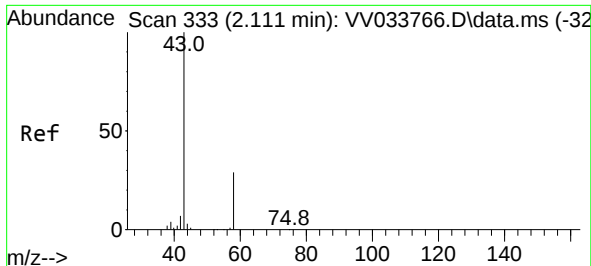
Tgt Ion:101 Resp: 82852
 Ion Ratio Lower Upper
 101 100
 85 45.6 36.2 54.4
 151 75.3 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 51.892 ug/L
 RT: 2.073 min Scan# 321
 Delta R.T. 0.003 min
 Lab File: VV033791.D
 Acq: 22 Jan 2024 09:40

Tgt Ion: 96 Resp: 76087
 Ion Ratio Lower Upper
 96 100
 61 187.8 134.0 248.8
 63 129.4 103.4 192.0





#13

Acetone

Concen: 106.598 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033791.D

Acq: 22 Jan 2024 09:40

Instrument :

MSVOA_V

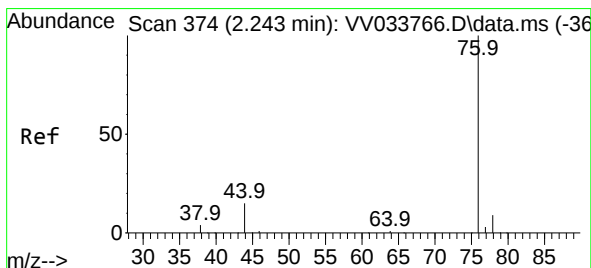
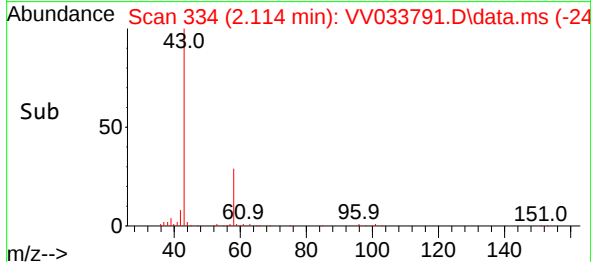
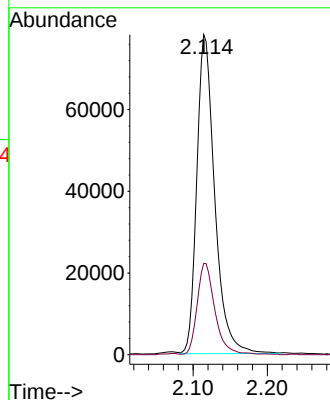
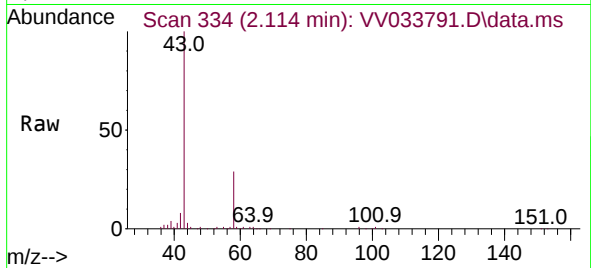
ClientSampleId :

Tgt Ion: 43 Resp: 131265

Ion Ratio Lower Upper

43 100

58 27.6 0.0 57.2



#14

Carbon disulfide

Concen: 46.610 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV033791.D

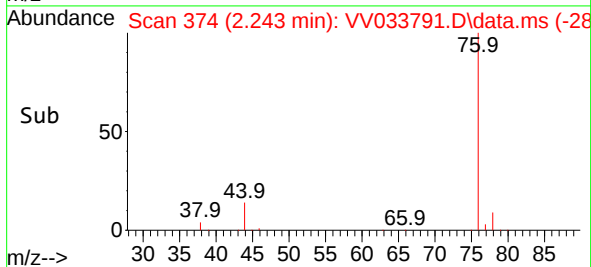
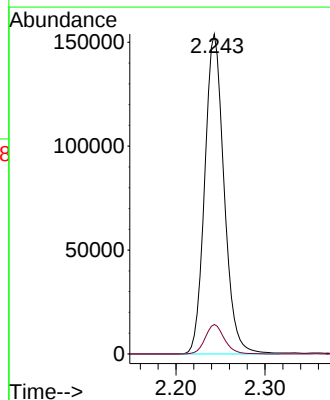
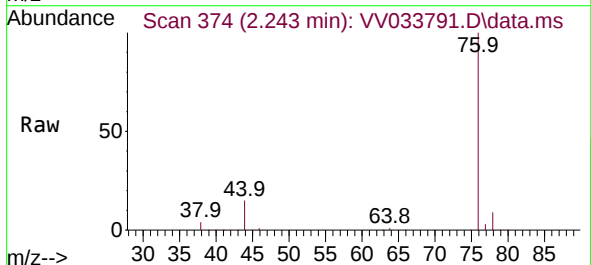
Acq: 22 Jan 2024 09:40

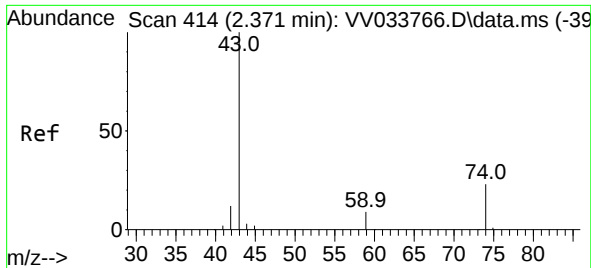
Tgt Ion: 76 Resp: 232282

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

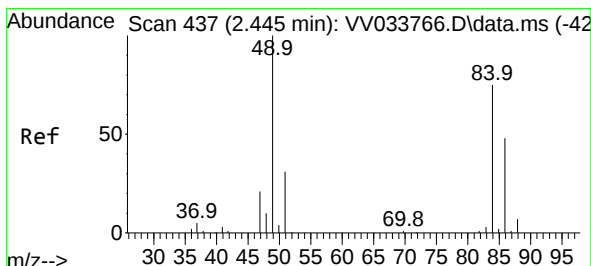
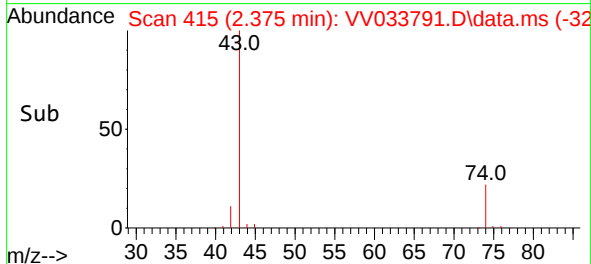
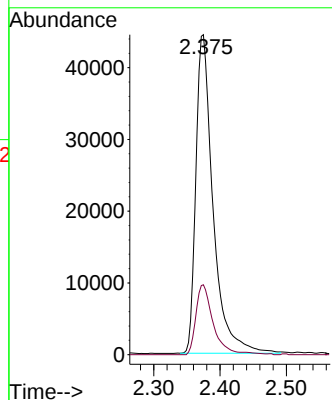
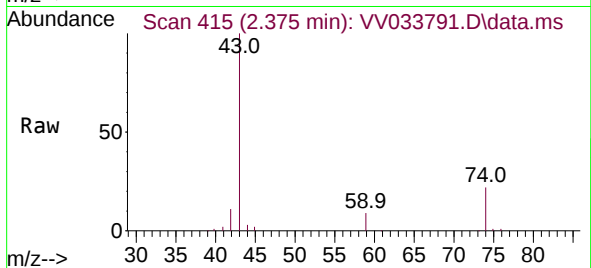




#15
Methyl Acetate
Concen: 39.651 ug/L
RT: 2.375 min Scan# 414
Delta R.T. 0.003 min
Lab File: VV033791.D
Acq: 22 Jan 2024 09:40

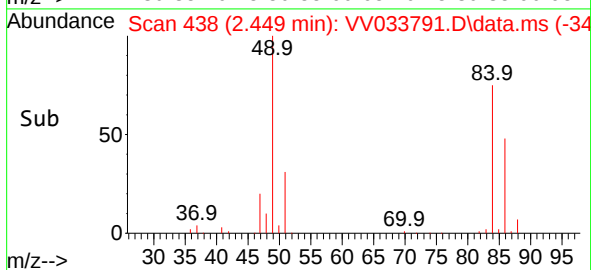
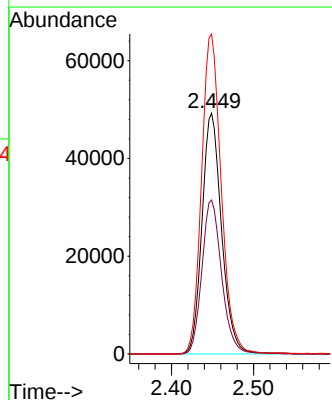
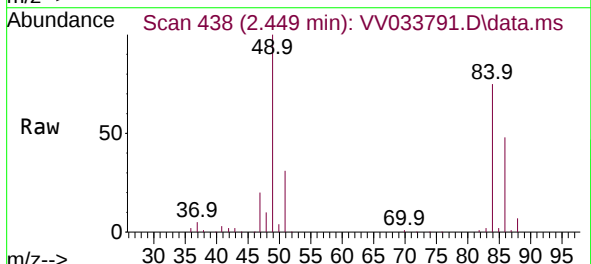
Instrument :
MSVOA_V
ClientSampleId :

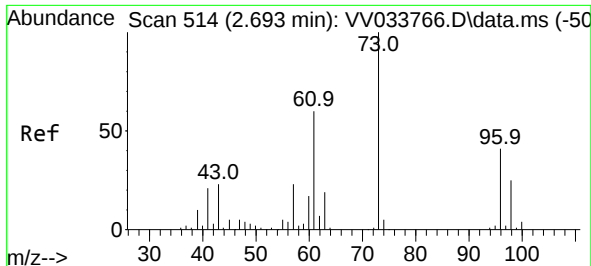
Tgt Ion: 43 Resp: 79842
Ion Ratio Lower Upper
43 100
74 21.5 0.0 0.0#



#16
Methylene chloride
Concen: 45.531 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV033791.D
Acq: 22 Jan 2024 09:40

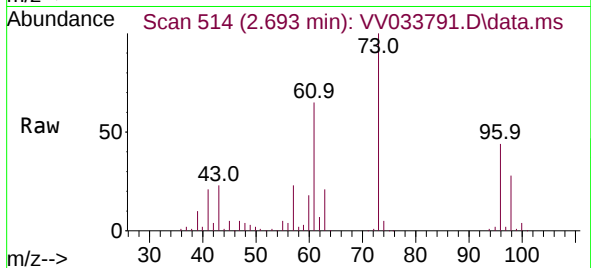
Tgt Ion: 84 Resp: 81443
Ion Ratio Lower Upper
84 100
86 63.9 43.9 81.5
49 132.9 98.3 182.5



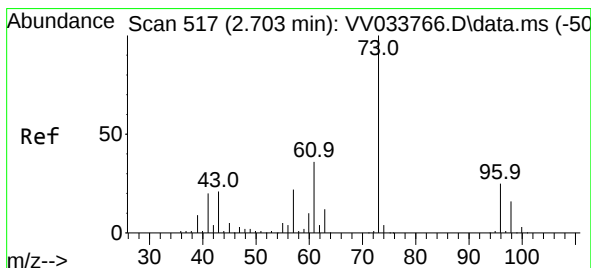
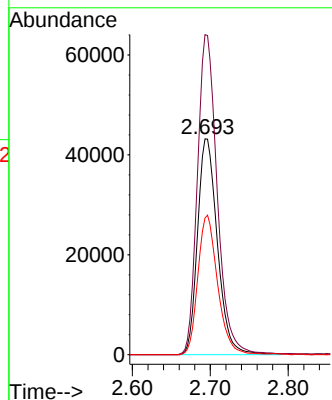
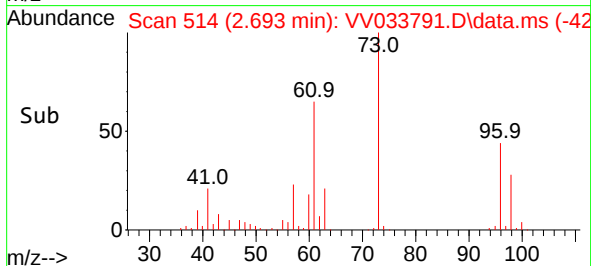


#17
trans-1,2-Dichloroethene
Concen: 46.862 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV033791.D
Acq: 22 Jan 2024 09:40

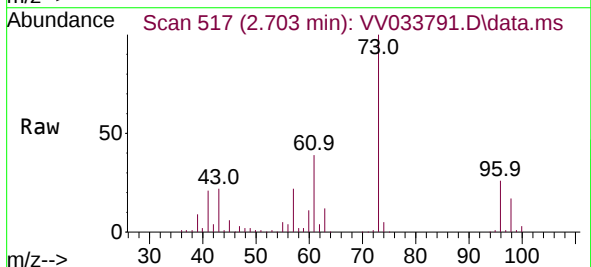
Instrument :
MSVOA_V
ClientSampleId :



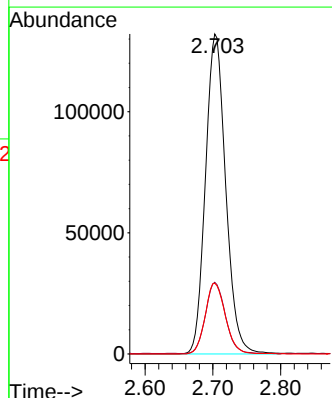
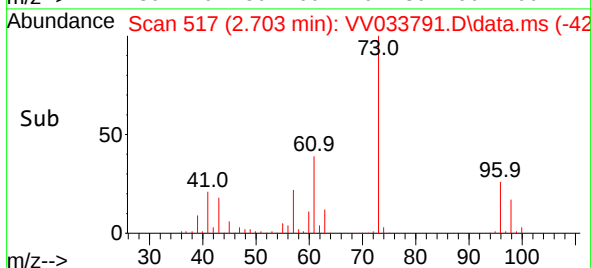
Tgt Ion: 96 Resp: 76755
Ion Ratio Lower Upper
96 100
61 148.3 108.4 201.4
98 63.3 43.8 81.4

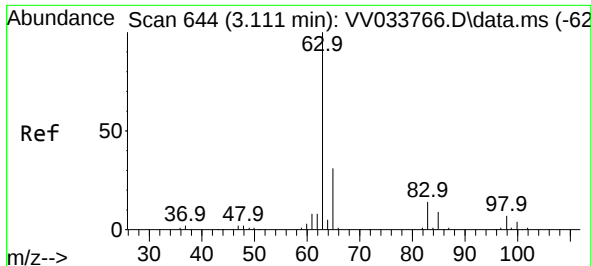


#18
Methyl tert-butyl Ether
Concen: 46.470 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV033791.D
Acq: 22 Jan 2024 09:40



Tgt Ion: 73 Resp: 273744
Ion Ratio Lower Upper
73 100
43 21.8 17.4 26.2
57 22.1 18.6 27.8





#19

1,1-Dichloroethane

Concen: 46.369 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.000 min

Lab File: VV033791.D

Acq: 22 Jan 2024 09:40

Instrument :

MSVOA_V

ClientSampleId :

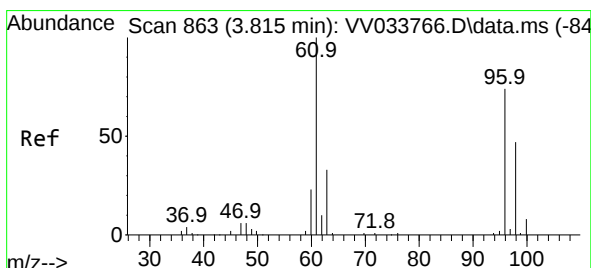
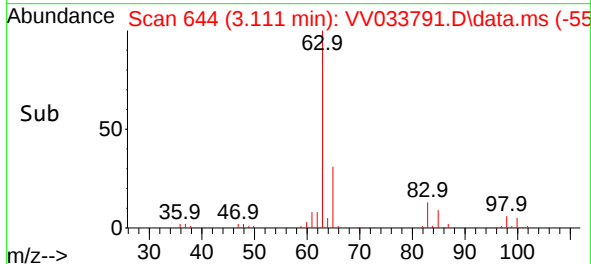
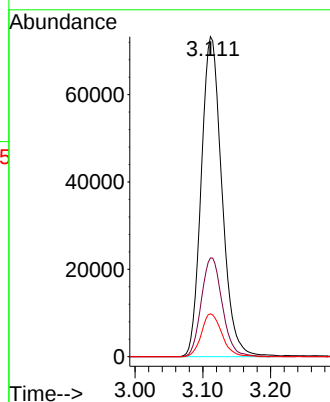
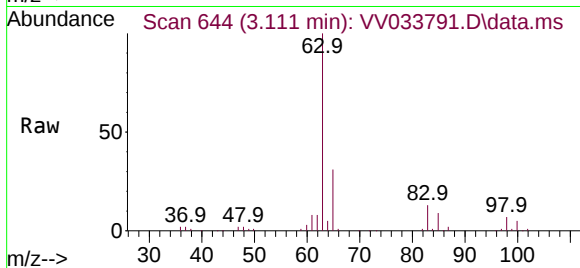
Tgt Ion: 63 Resp: 155268

Ion Ratio Lower Upper

63 100

65 30.9 22.4 41.6

83 13.4 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 47.524 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.000 min

Lab File: VV033791.D

Acq: 22 Jan 2024 09:40

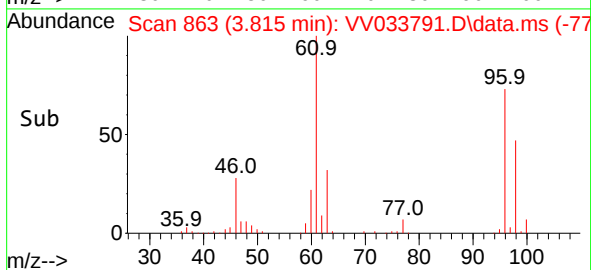
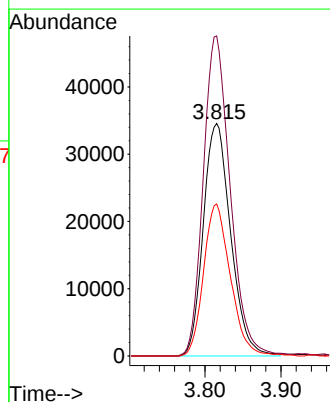
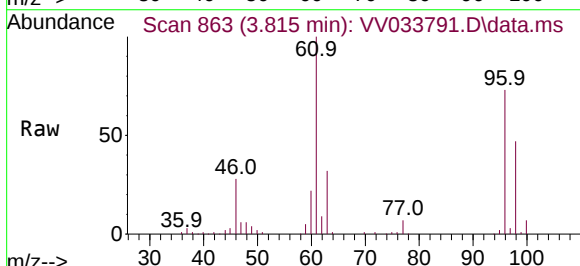
Tgt Ion: 96 Resp: 86632

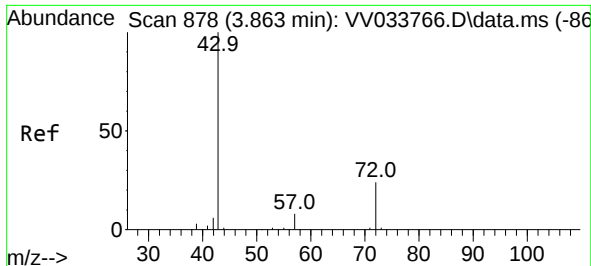
Ion Ratio Lower Upper

96 100

61 137.6 100.6 186.8

98 65.4 44.6 82.8

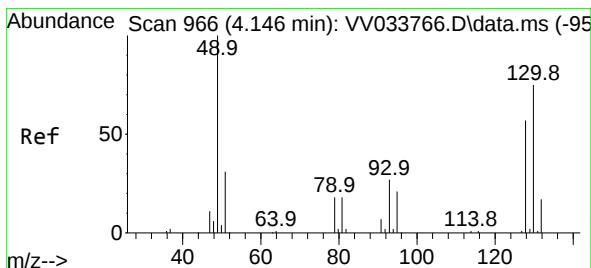
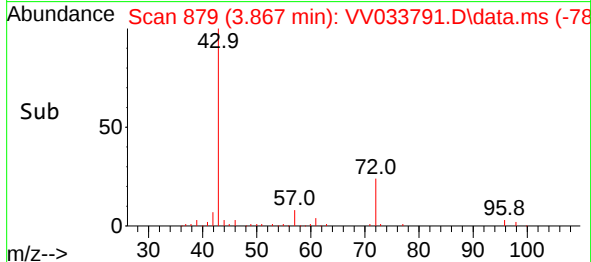
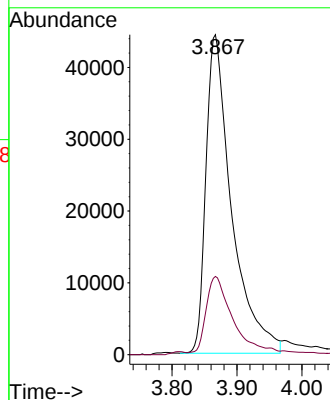
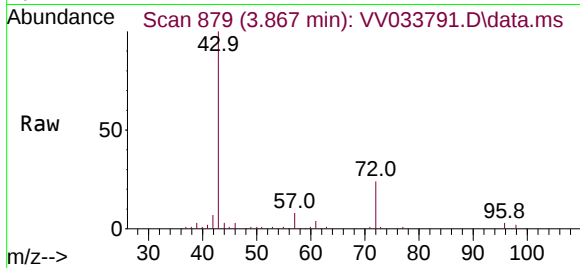




#22
2-Butanone
Concen: 81.663 ug/L
RT: 3.867 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV033791.D
Acq: 22 Jan 2024 09:40

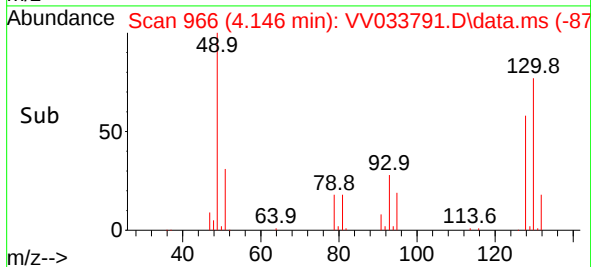
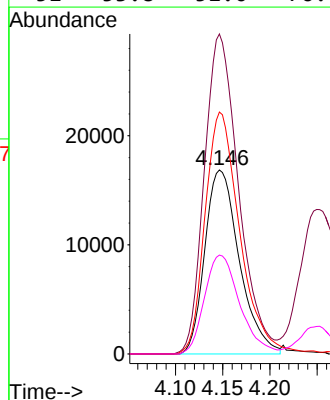
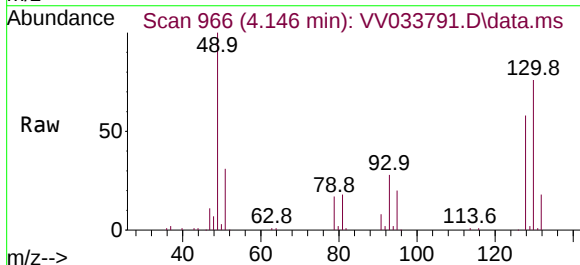
Instrument :
MSVOA_V
ClientSampleId :

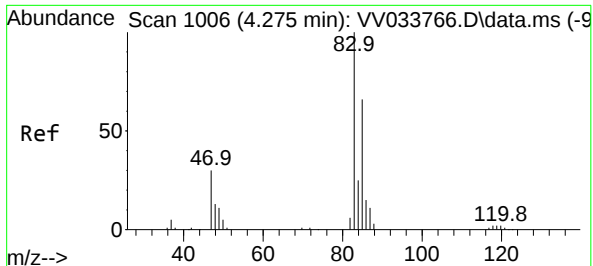
Tgt Ion: 43 Resp: 122134
Ion Ratio Lower Upper
43 100
72 23.6 11.9 35.5



#23
Bromochloromethane
Concen: 48.322 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.000 min
Lab File: VV033791.D
Acq: 22 Jan 2024 09:40

Tgt Ion:128 Resp: 42792
Ion Ratio Lower Upper
128 100
49 173.9 143.9 267.2
130 131.5 90.6 168.2
51 53.8 51.0 76.6

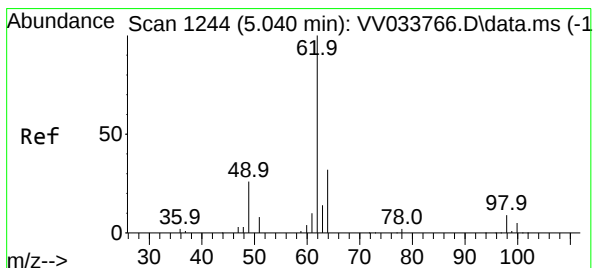
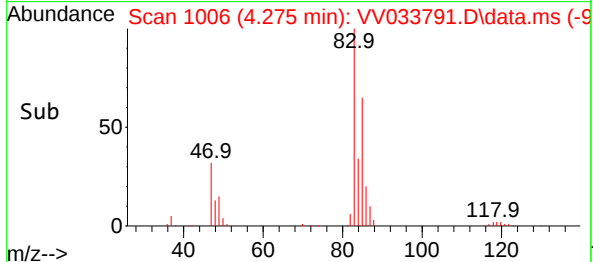
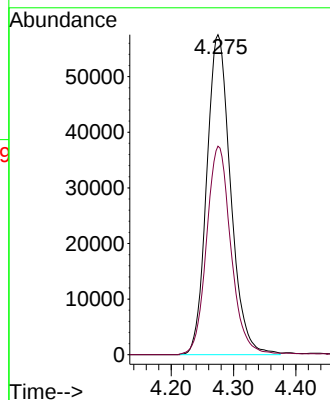
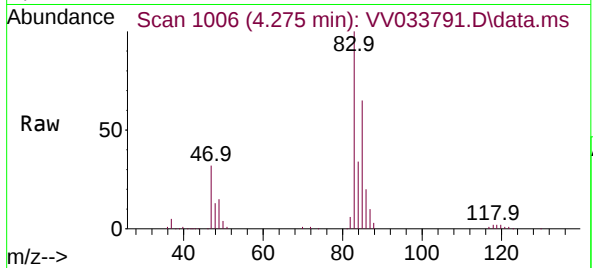




#25
Chloroform
Concen: 48.285 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VV033791.D
Acq: 22 Jan 2024 09:40

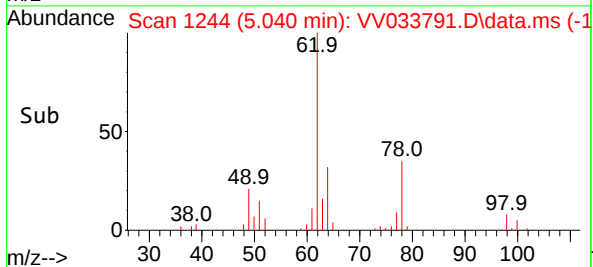
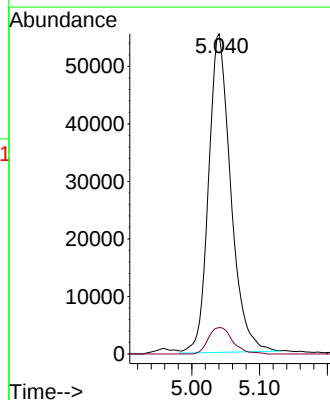
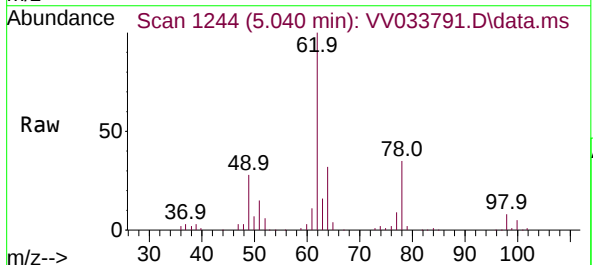
Instrument :
MSVOA_V
ClientSampleId :

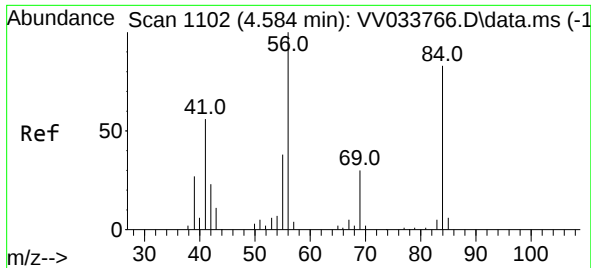
Tgt Ion: 83 Resp: 153296
Ion Ratio Lower Upper
83 100
85 65.1 45.1 83.9



#27
1,2-Dichloroethane
Concen: 47.526 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VV033791.D
Acq: 22 Jan 2024 09:40

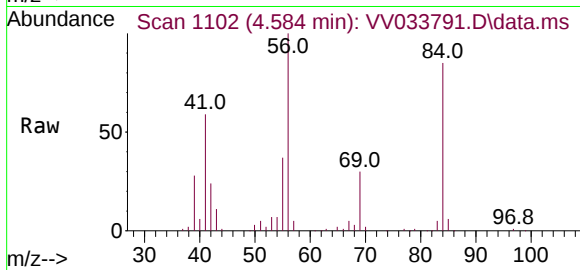
Tgt Ion: 62 Resp: 126029
Ion Ratio Lower Upper
62 100
98 8.3 6.8 10.2



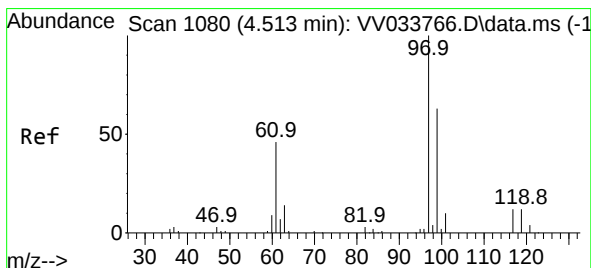
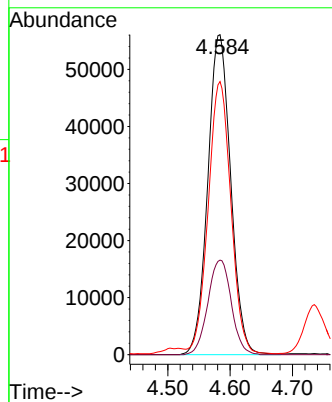
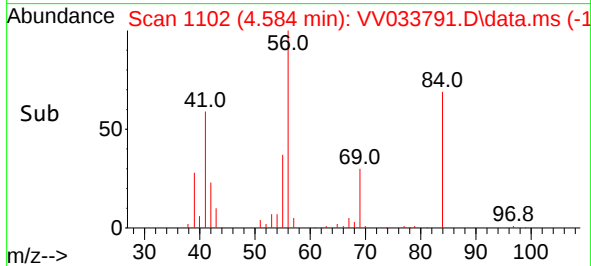


#29
Cyclohexane
Concen: 45.943 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV033791.D
Acq: 22 Jan 2024 09:40

Instrument :
MSVOA_V
ClientSampleId :

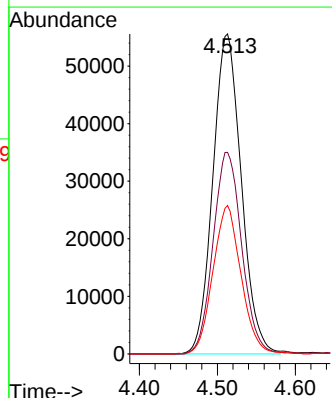
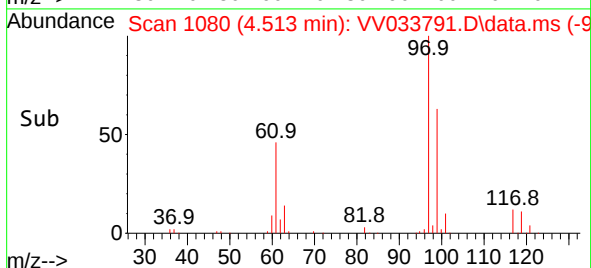
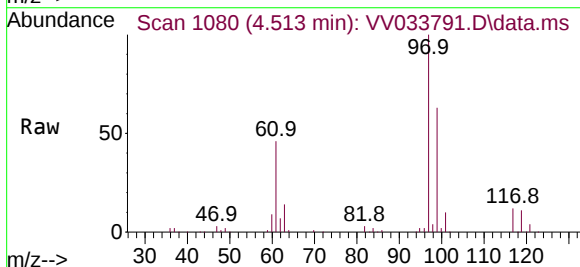


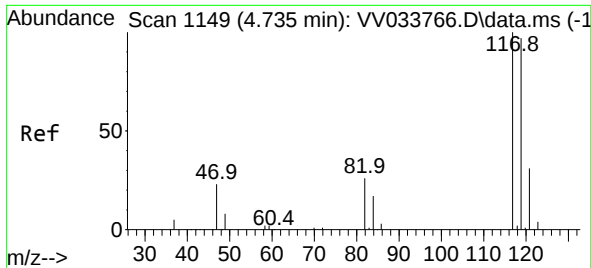
Tgt Ion: 56 Resp: 143414
Ion Ratio Lower Upper
56 100
69 30.1 23.8 35.6
84 83.4 63.8 95.6



#30
1,1,1-Trichloroethane
Concen: 53.105 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV033791.D
Acq: 22 Jan 2024 09:40

Tgt Ion: 97 Resp: 141111
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.0
61 45.8 38.2 57.2

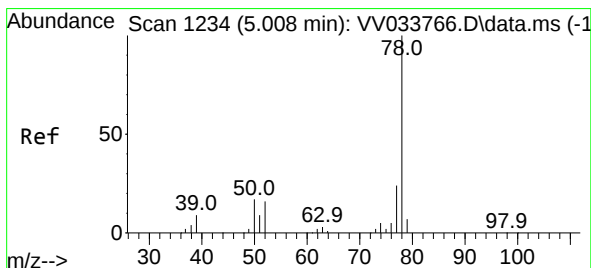
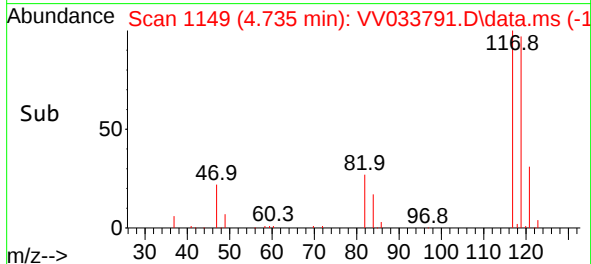
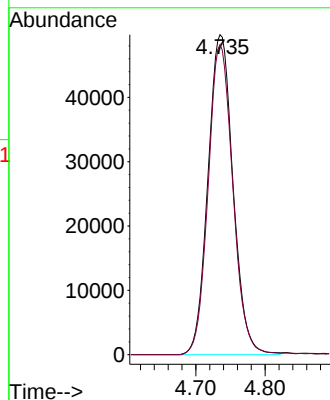
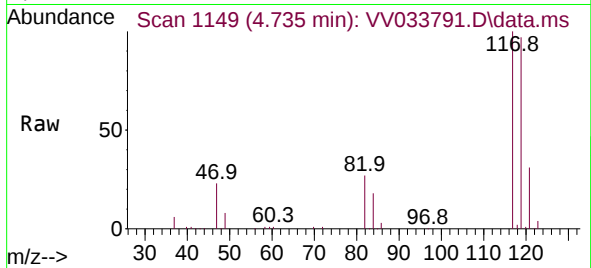




#31
Carbon tetrachloride
Concen: 55.103 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV033791.D
Acq: 22 Jan 2024 09:40

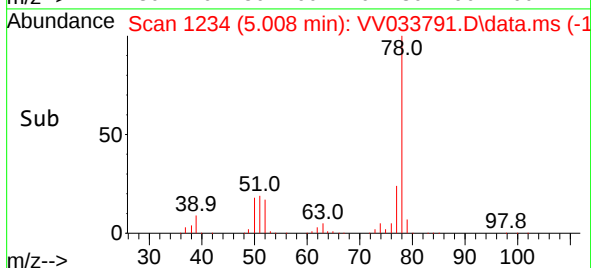
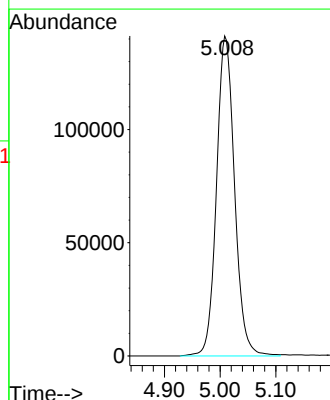
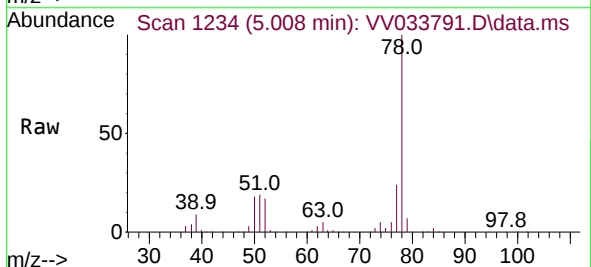
Instrument :
MSVOA_V
ClientSampleId :

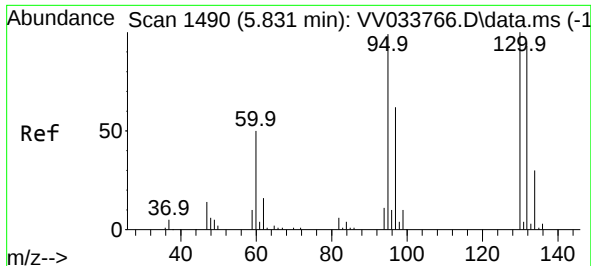
Tgt Ion:117 Resp: 124980
Ion Ratio Lower Upper
117 100
119 95.2 77.0 115.4



#33
Benzene
Concen: 48.973 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VV033791.D
Acq: 22 Jan 2024 09:40

Tgt Ion: 78 Resp: 318496

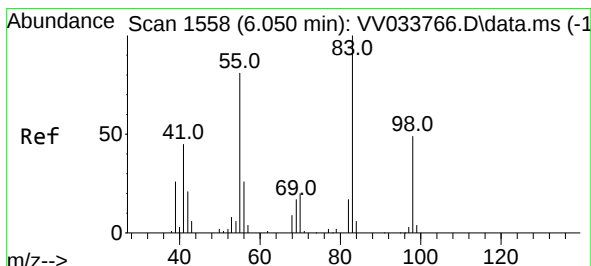
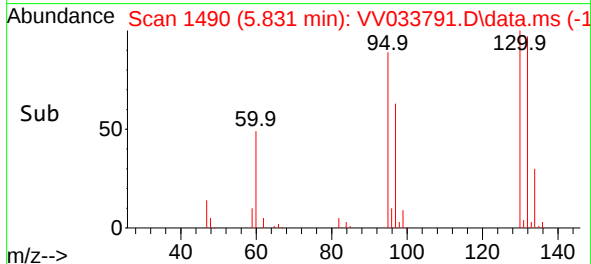
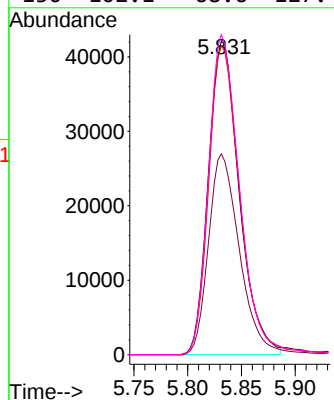
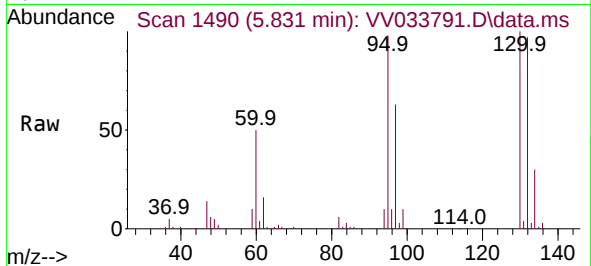




#34
Trichloroethene
Concen: 48.244 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV033791.D
Acq: 22 Jan 2024 09:40

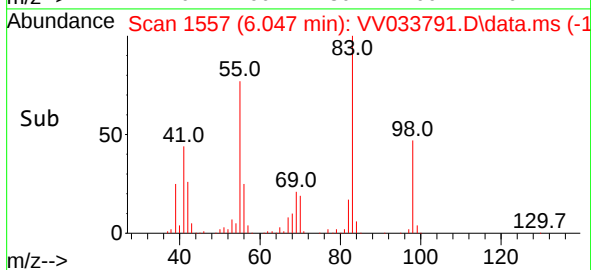
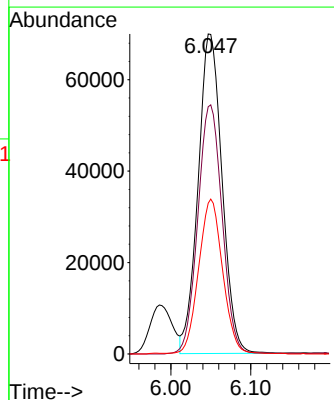
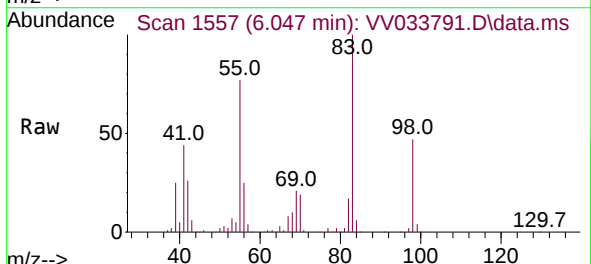
Instrument :
MSVOA_V
ClientSampleId :

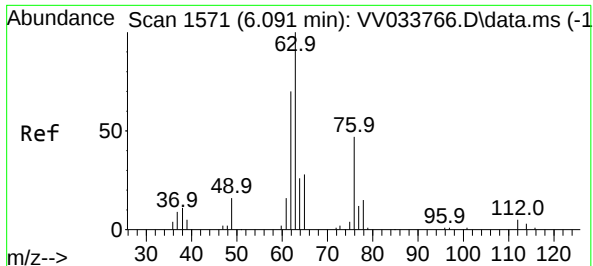
Tgt Ion: 95 Resp: 84164
Ion Ratio Lower Upper
95 100
97 64.0 44.4 82.4
132 98.5 65.5 121.7
130 102.1 68.6 127.4



#35
Methylcyclohexane
Concen: 48.885 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.003 min
Lab File: VV033791.D
Acq: 22 Jan 2024 09:40

Tgt Ion: 83 Resp: 145949
Ion Ratio Lower Upper
83 100
55 79.1 67.1 100.7
98 48.6 37.7 56.5





#37

1,2-Dichloropropane

Concen: 47.703 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV033791.D

Acq: 22 Jan 2024 09:40

Instrument :

MSVOA_V

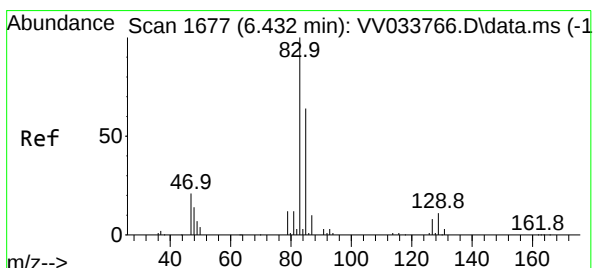
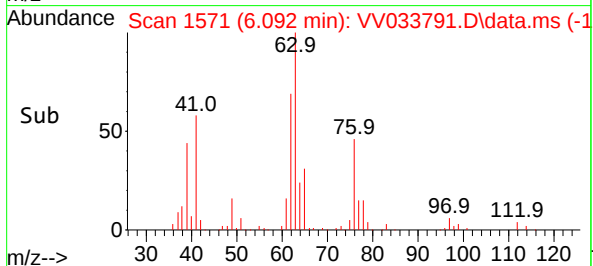
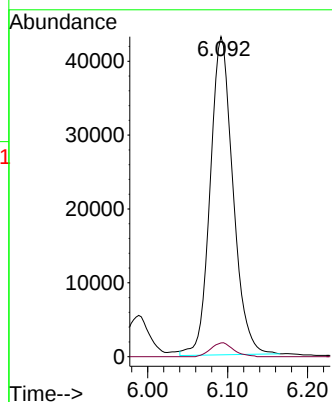
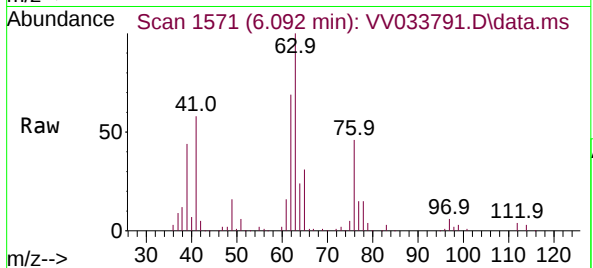
ClientSampleId :

Tgt Ion: 63 Resp: 85371

Ion Ratio Lower Upper

63 100

112 4.4 3.1 4.7



#38

Bromodichloromethane

Concen: 49.894 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.003 min

Lab File: VV033791.D

Acq: 22 Jan 2024 09:40

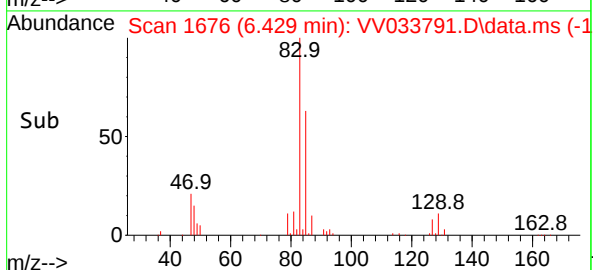
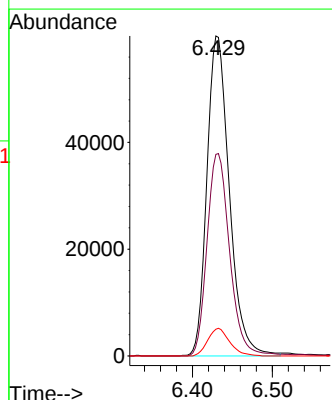
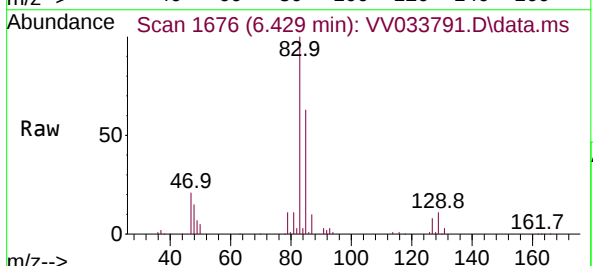
Tgt Ion: 83 Resp: 116811

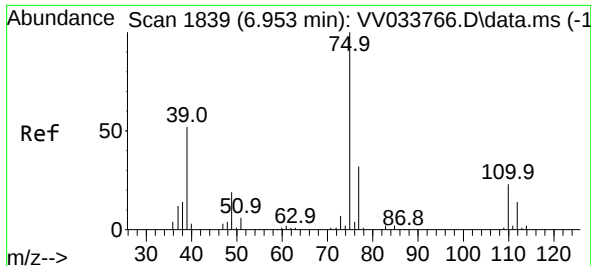
Ion Ratio Lower Upper

83 100

85 63.0 45.1 83.7

127 8.4 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 48.252 ug/L

RT: 6.950 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV033791.D

Acq: 22 Jan 2024 09:40

Instrument :

MSVOA_V

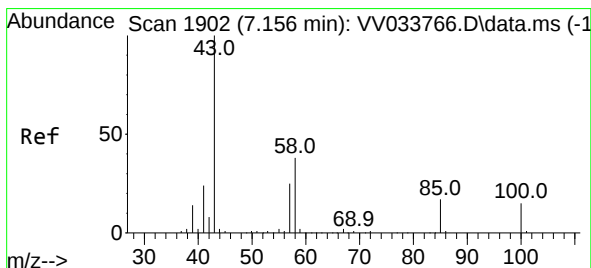
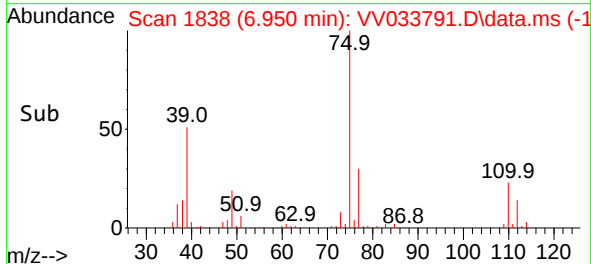
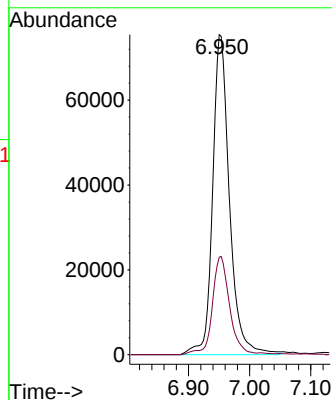
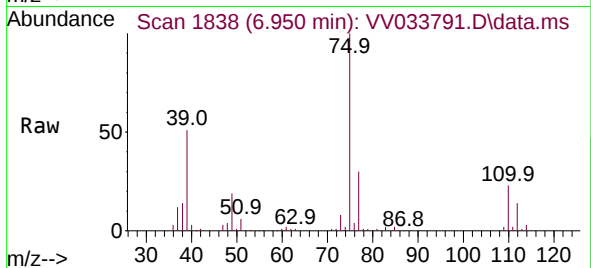
ClientSampleId :

Tgt Ion: 75 Resp: 144203

Ion Ratio Lower Upper

75 100

77 30.4 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 79.281 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VV033791.D

Acq: 22 Jan 2024 09:40

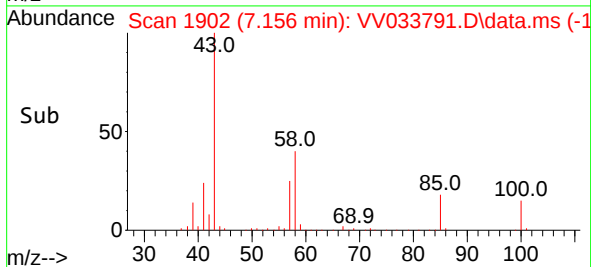
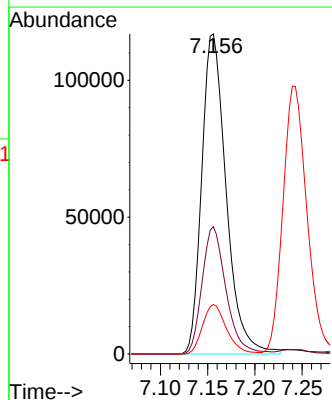
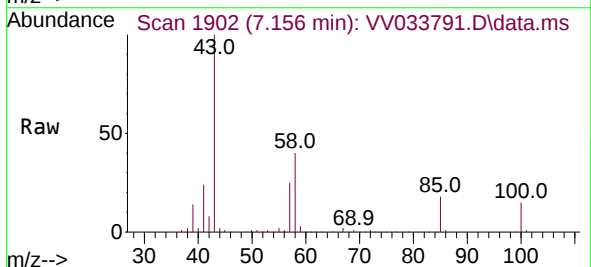
Tgt Ion: 43 Resp: 210236

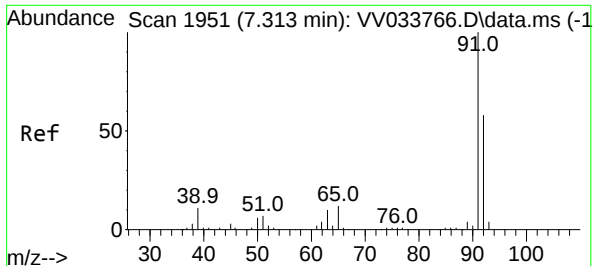
Ion Ratio Lower Upper

43 100

58 38.9 29.6 44.4

100 15.1 10.6 16.0





#42

Toluene

Concen: 49.614 ug/L

RT: 7.314 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV033791.D

Acq: 22 Jan 2024 09:40

Instrument :

MSVOA_V

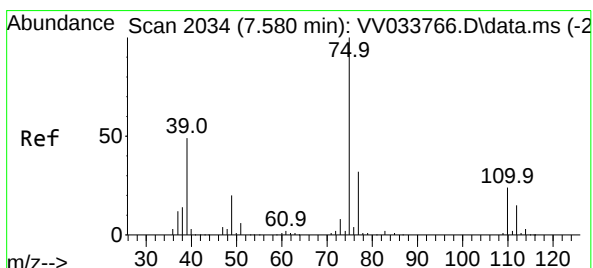
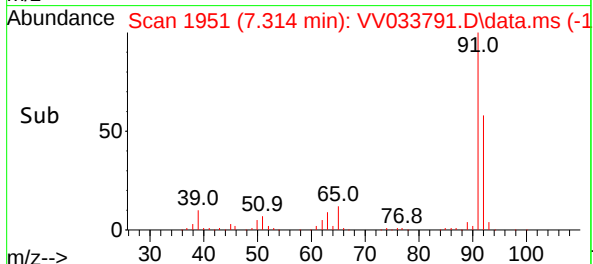
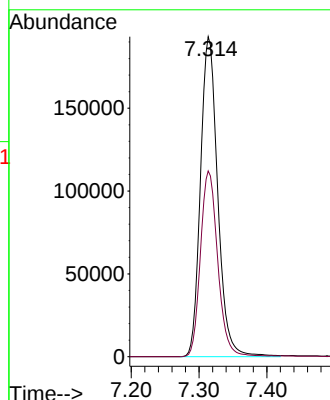
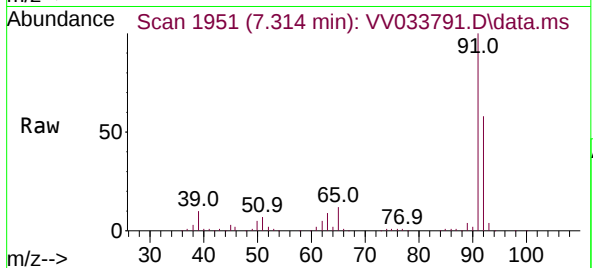
ClientSampleId :

Tgt Ion: 91 Resp: 341090

Ion Ratio Lower Upper

91 100

92 58.1 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 47.741 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.000 min

Lab File: VV033791.D

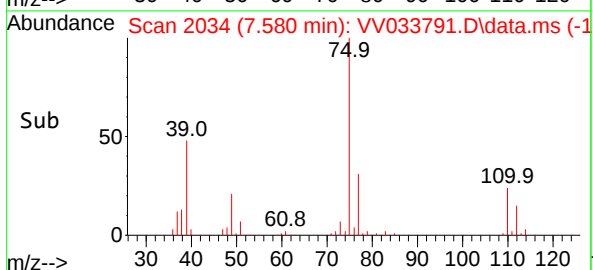
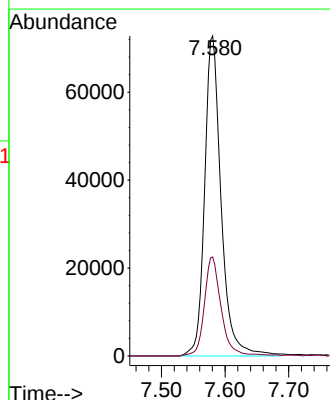
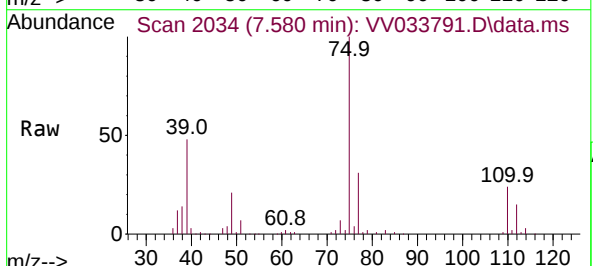
Acq: 22 Jan 2024 09:40

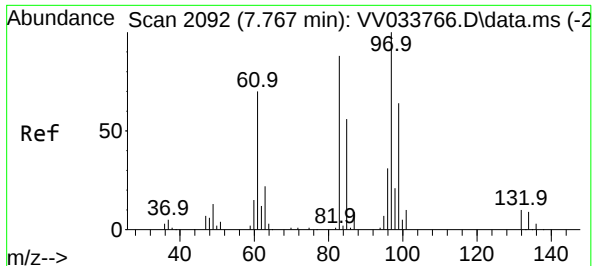
Tgt Ion: 75 Resp: 131478

Ion Ratio Lower Upper

75 100

77 31.0 21.6 40.0



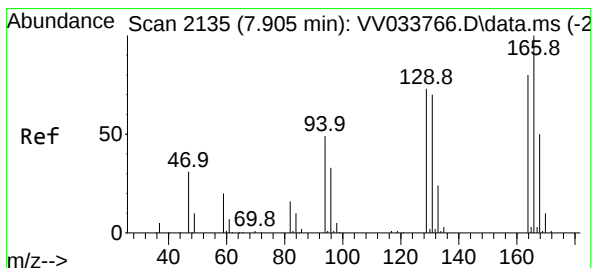
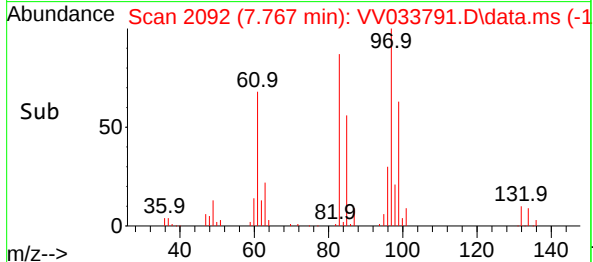
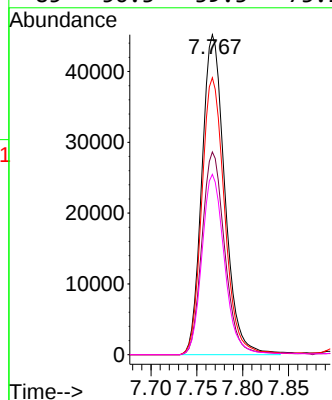
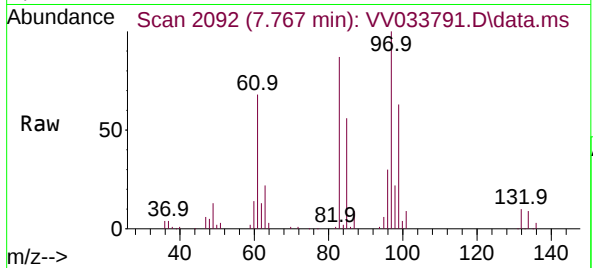


#45
1,1,2-Trichloroethane
Concen: 48.397 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV033791.D
Acq: 22 Jan 2024 09:40

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 78588

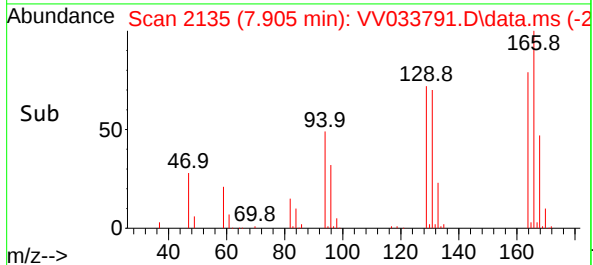
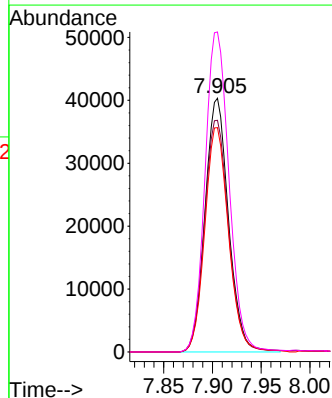
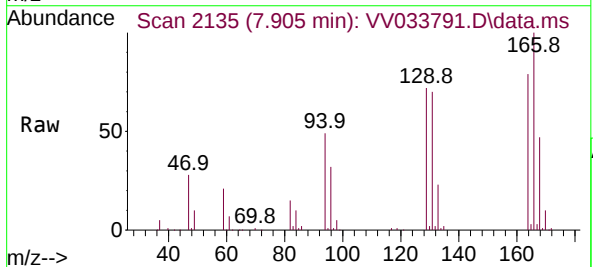
Ion	Ratio	Lower	Upper
97	100		
99	63.3	42.8	79.6
83	86.6	61.2	113.8
85	56.3	39.3	73.1

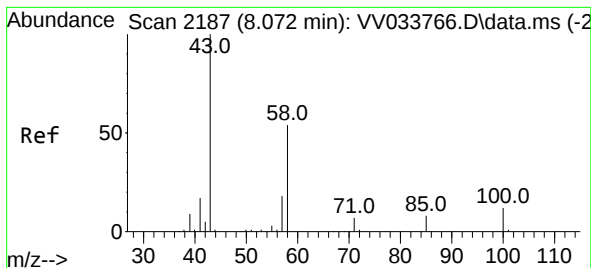


#46
Tetrachloroethene
Concen: 52.916 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV033791.D
Acq: 22 Jan 2024 09:40

Tgt Ion: 164 Resp: 67711

Ion	Ratio	Lower	Upper
164	100		
129	91.3	66.1	122.7
131	88.4	65.9	122.5
166	126.1	88.5	164.3





#48

2-Hexanone

Concen: 84.513 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VV033791.D

Acq: 22 Jan 2024 09:40

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 178575

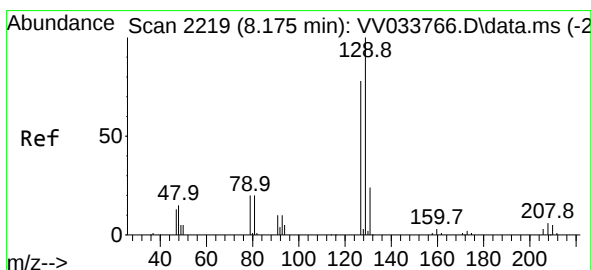
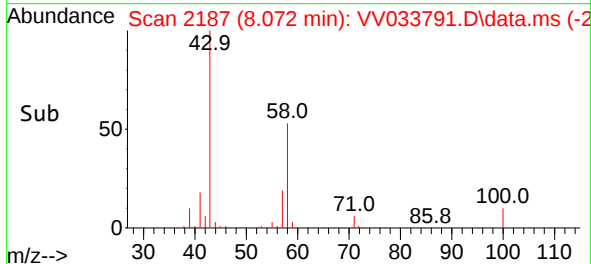
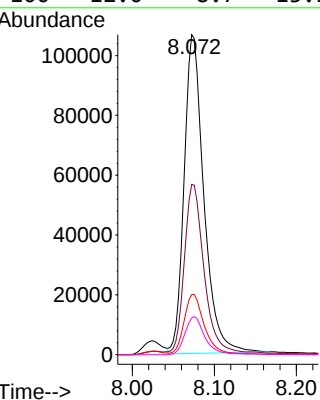
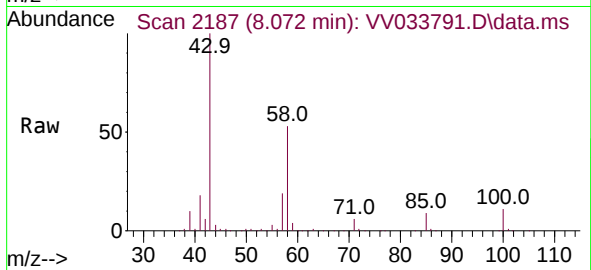
Ion Ratio Lower Upper

43 100

58 51.8 42.3 63.5

57 19.2 14.2 21.2

100 12.0 8.7 13.1



#49

Dibromochloromethane

Concen: 49.886 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.000 min

Lab File: VV033791.D

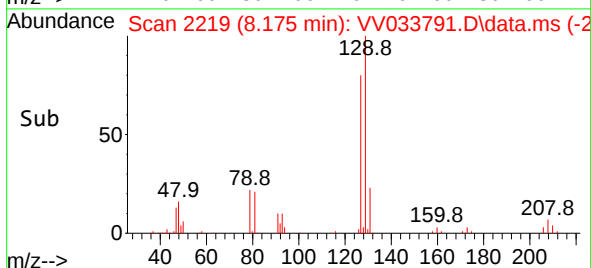
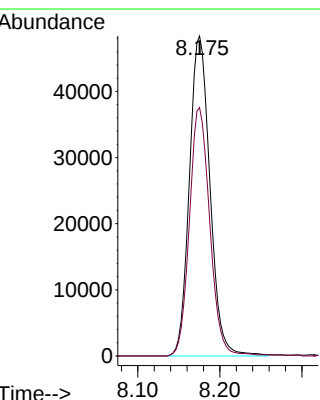
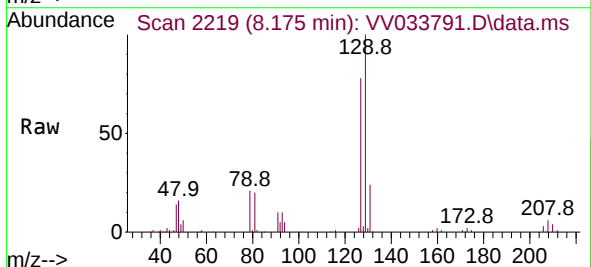
Acq: 22 Jan 2024 09:40

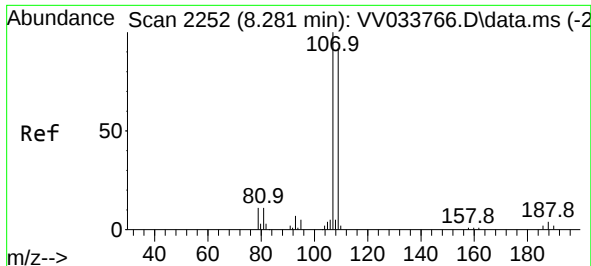
Tgt Ion: 129 Resp: 84367

Ion Ratio Lower Upper

129 100

127 77.6 54.5 101.3





#50

1,2-Dibromoethane

Concen: 47.007 ug/L

RT: 8.281 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV033791.D

Acq: 22 Jan 2024 09:40

Instrument :

MSVOA_V

ClientSampleId :

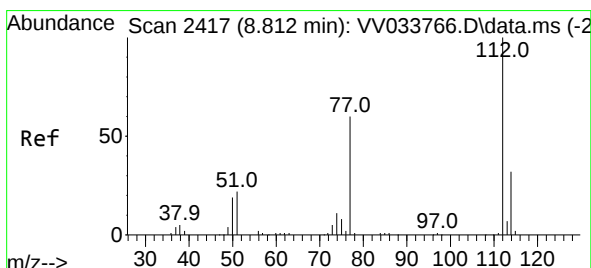
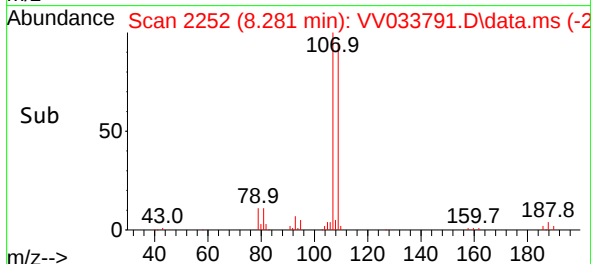
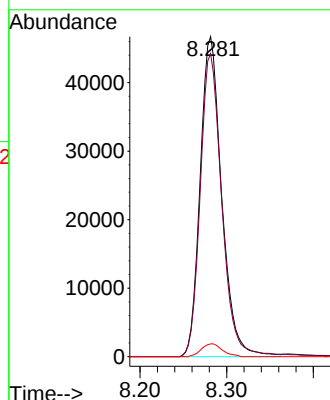
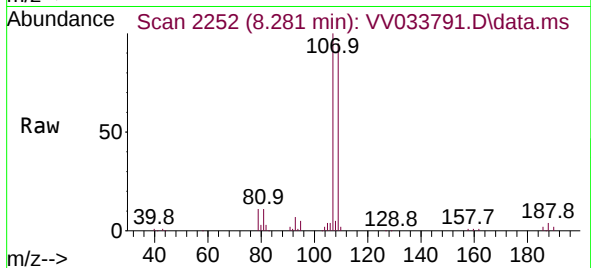
Tgt Ion:107 Resp: 80665

Ion Ratio Lower Upper

107 100

109 94.7 66.4 123.4

188 4.0 2.7 4.1



#51

Chlorobenzene

Concen: 49.443 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV033791.D

Acq: 22 Jan 2024 09:40

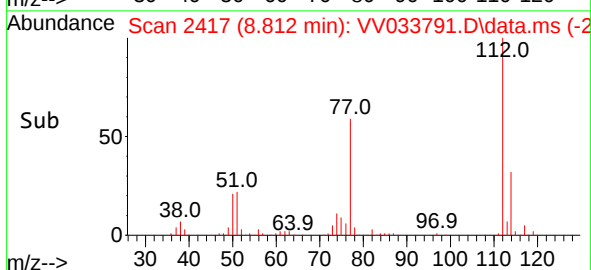
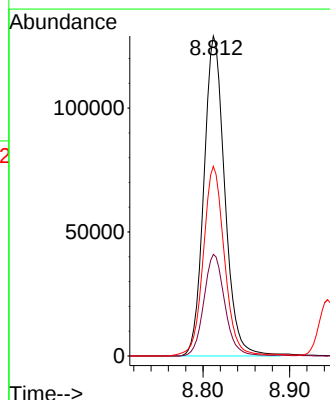
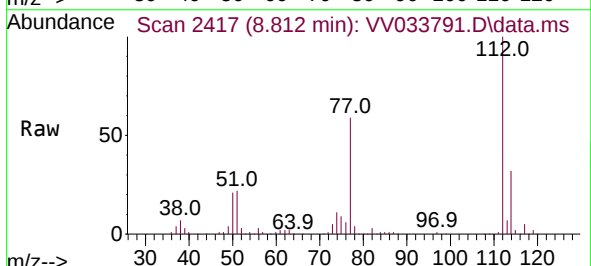
Tgt Ion:112 Resp: 216522

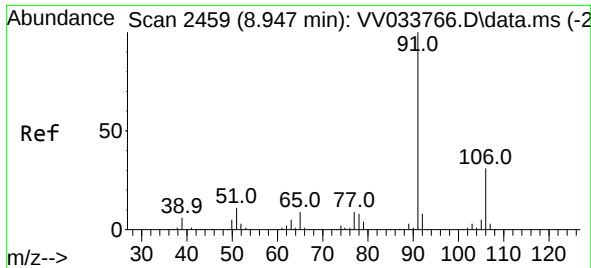
Ion Ratio Lower Upper

112 100

114 31.7 22.5 41.7

77 59.2 49.4 74.0

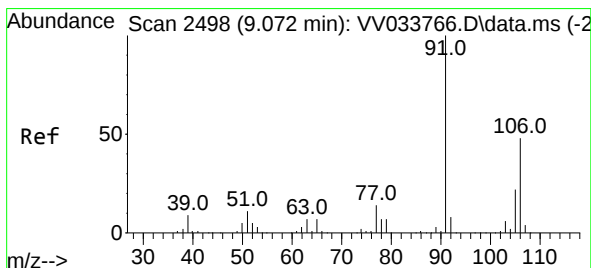
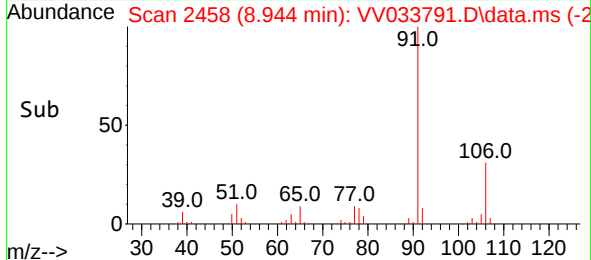
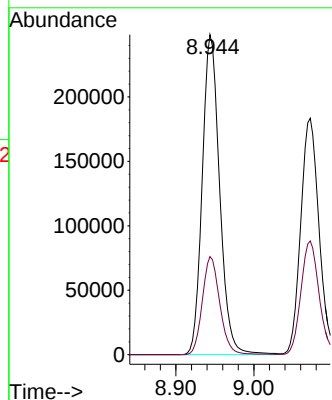
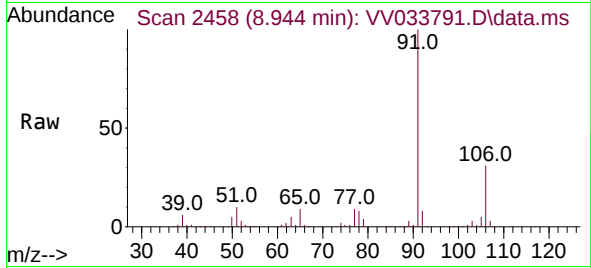




#52
Ethylbenzene
Concen: 48.368 ug/L
RT: 8.944 min Scan# 2459
Delta R.T. -0.003 min
Lab File: VV033791.D
Acq: 22 Jan 2024 09:40

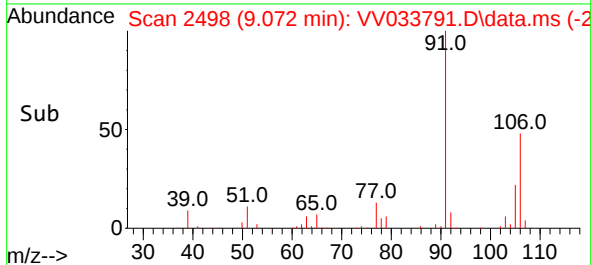
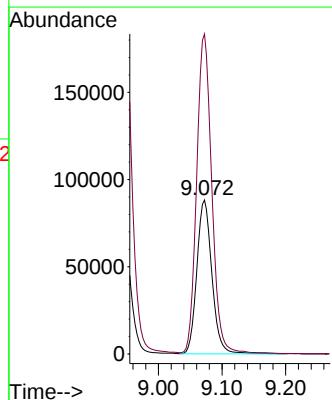
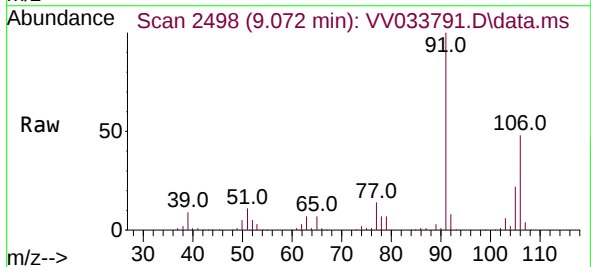
Instrument :
MSVOA_V
ClientSampleId :

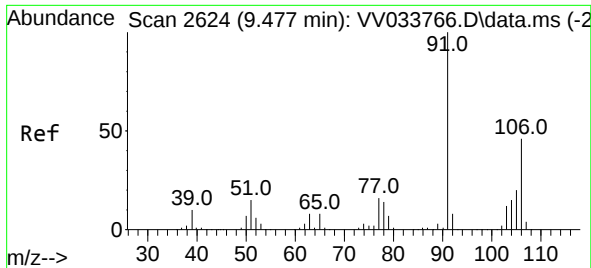
Tgt Ion: 91 Resp: 385142
Ion Ratio Lower Upper
91 100
106 30.7 21.5 39.9



#53
m,p-Xylene
Concen: 49.279 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV033791.D
Acq: 22 Jan 2024 09:40

Tgt Ion: 106 Resp: 144865
Ion Ratio Lower Upper
106 100
91 207.9 146.1 271.3

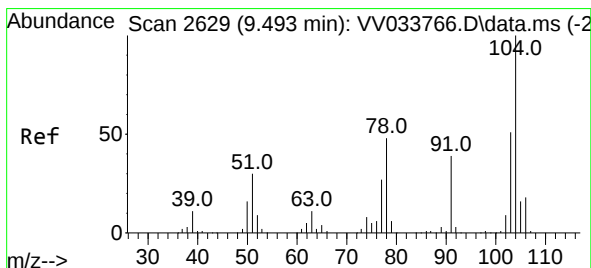
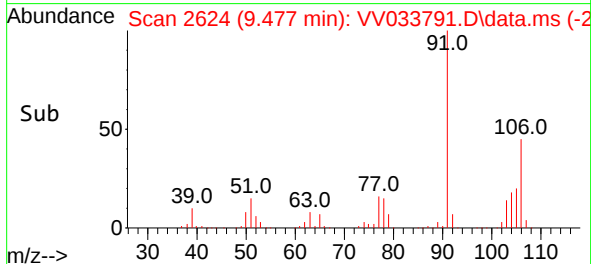
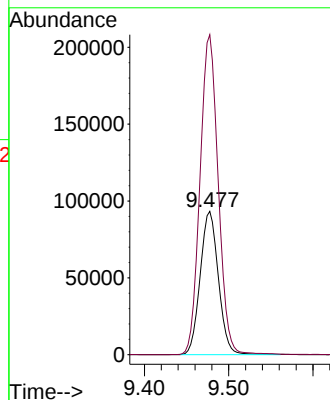
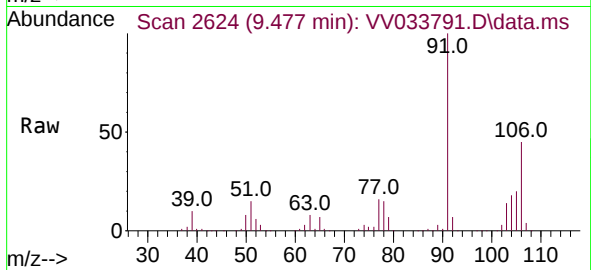




#54
o-Xylene
Concen: 48.310 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV033791.D
Acq: 22 Jan 2024 09:40

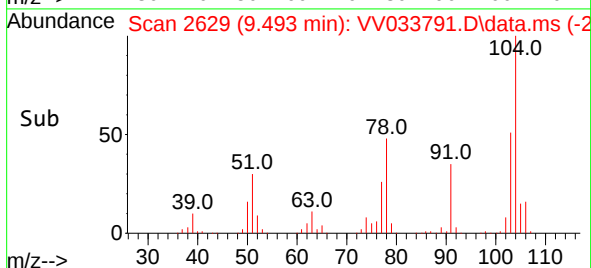
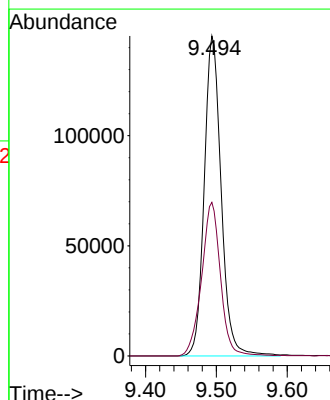
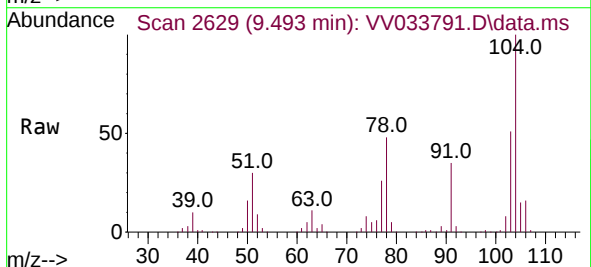
Instrument :
MSVOA_V
ClientSampleId :

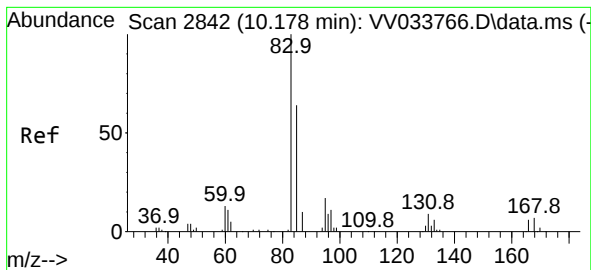
Tgt Ion:106 Resp: 140598
Ion Ratio Lower Upper
106 100
91 223.2 155.2 288.2



#55
Styrene
Concen: 48.052 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV033791.D
Acq: 22 Jan 2024 09:40

Tgt Ion:104 Resp: 241443
Ion Ratio Lower Upper
104 100
78 48.0 33.0 61.4



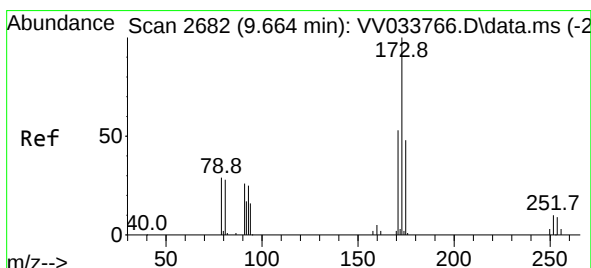
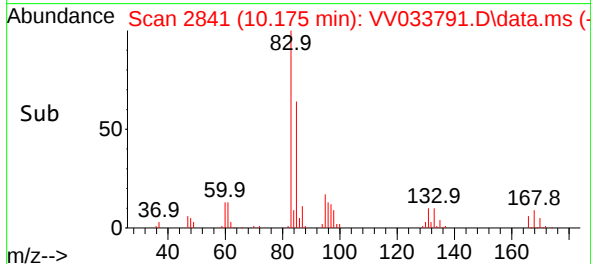
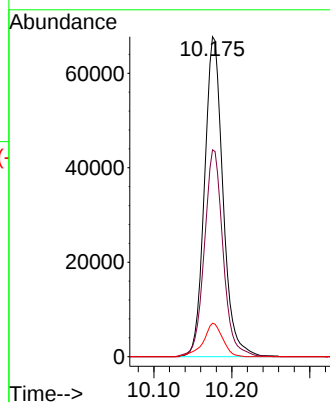
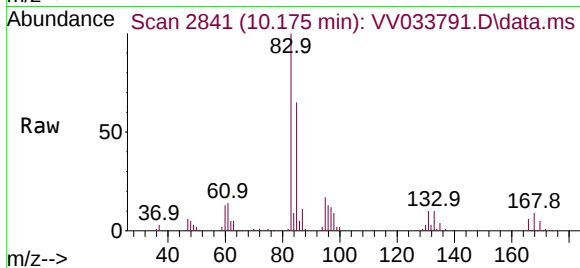


#57
 1,1,2,2-Tetrachloroethane
 Concen: 43.223 ug/L
 RT: 10.175 min Scan# 2842
 Delta R.T. -0.003 min
 Lab File: VV033791.D
 Acq: 22 Jan 2024 09:40

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 83 Resp: 111697

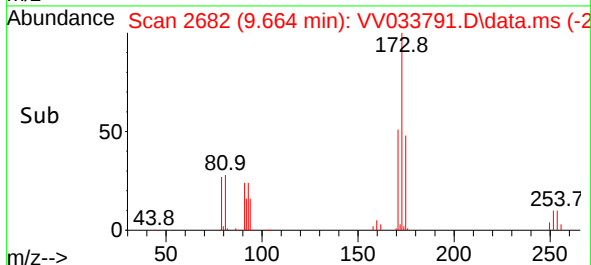
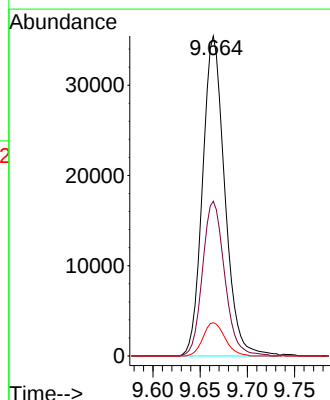
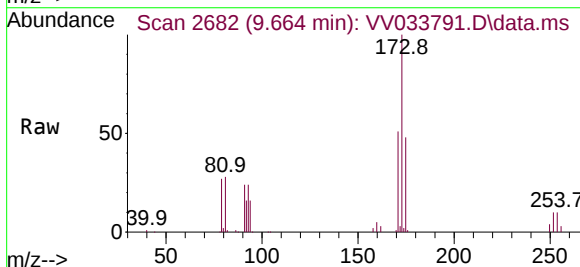
Ion	Ratio	Lower	Upper
83	100		
85	64.7	44.9	83.5
131	10.4	7.5	11.3

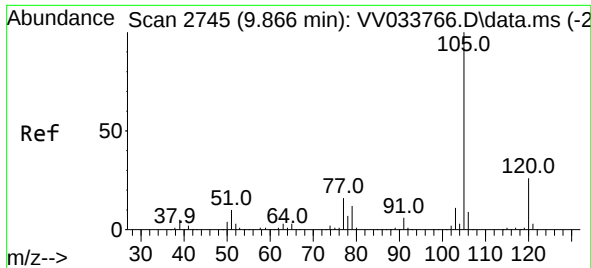


#59
 Bromoform
 Concen: 47.254 ug/L
 RT: 9.664 min Scan# 2682
 Delta R.T. 0.000 min
 Lab File: VV033791.D
 Acq: 22 Jan 2024 09:40

Tgt Ion: 173 Resp: 57915

Ion	Ratio	Lower	Upper
173	100		
175	48.2	37.2	55.8
254	10.3	7.4	11.0

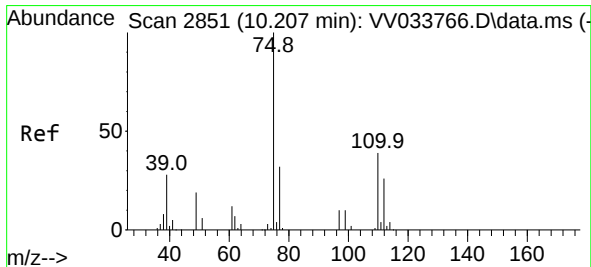
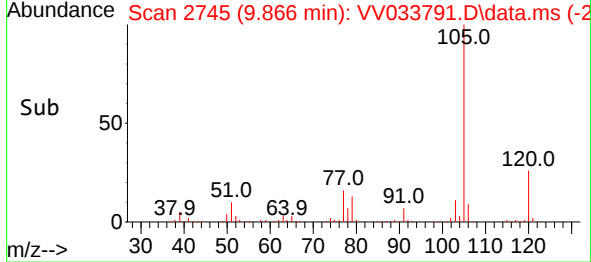
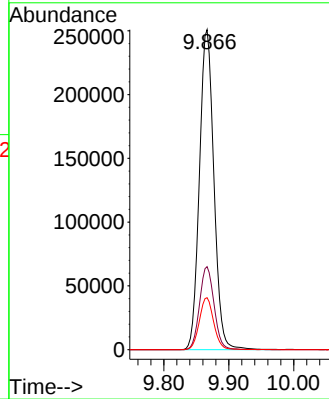
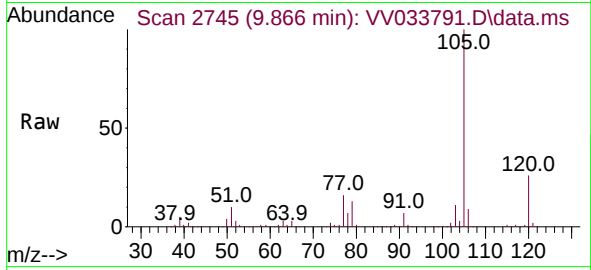




#60
Isopropylbenzene
Concen: 49.884 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033791.D
Acq: 22 Jan 2024 09:40

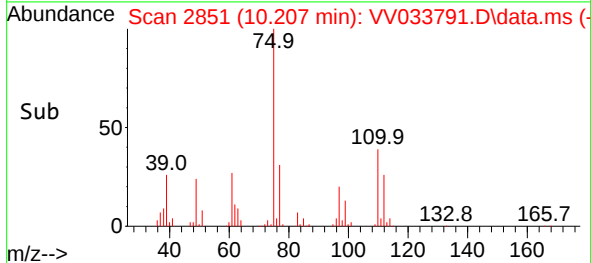
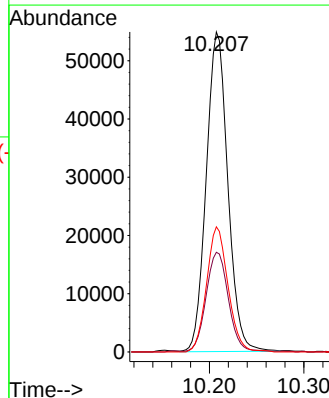
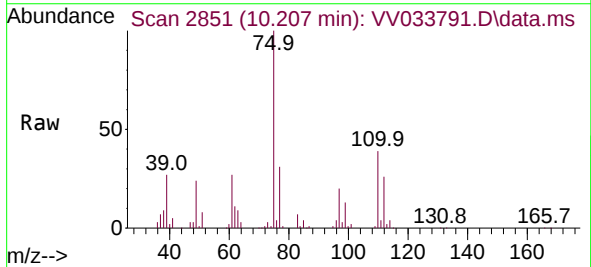
Instrument :
MSVOA_V
ClientSampleId :

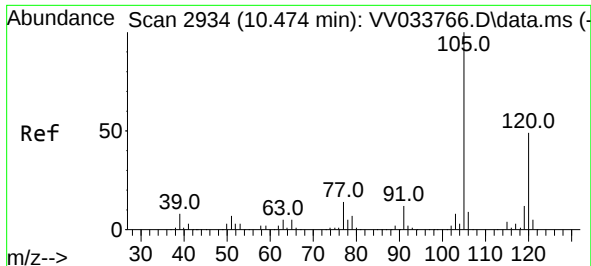
Tgt Ion:105 Resp: 389208
Ion Ratio Lower Upper
105 100
120 26.1 20.6 31.0
77 16.2 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 42.520 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV033791.D
Acq: 22 Jan 2024 09:40

Tgt Ion: 75 Resp: 87020
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
110 38.9 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 49.630 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV033791.D

Acq: 22 Jan 2024 09:40

Instrument :

MSVOA_V

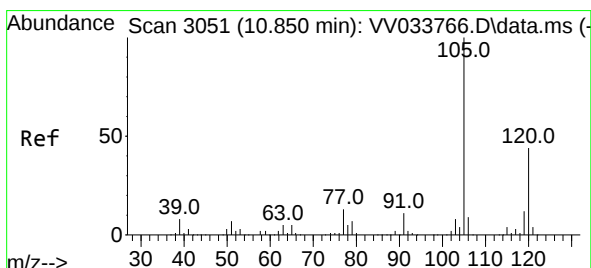
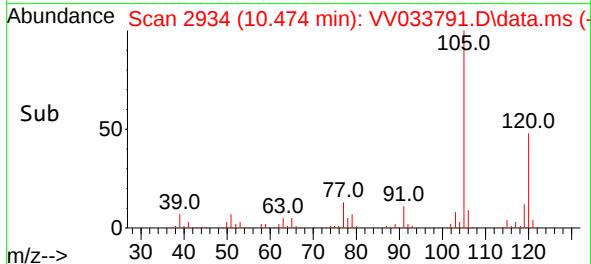
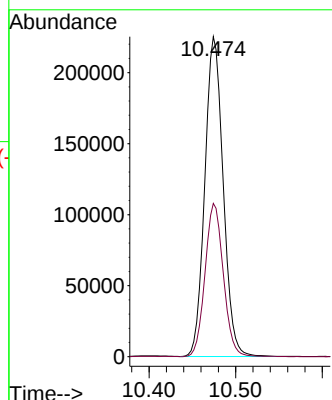
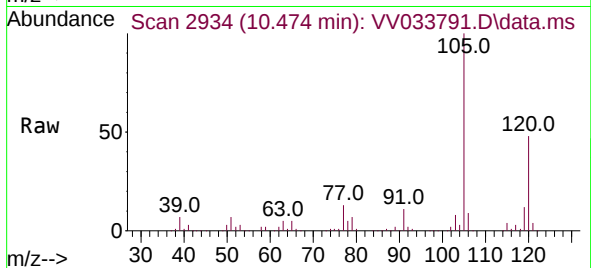
ClientSampleId :

Tgt Ion:105 Resp: 332239

Ion Ratio Lower Upper

105 100

120 47.8 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 49.851 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV033791.D

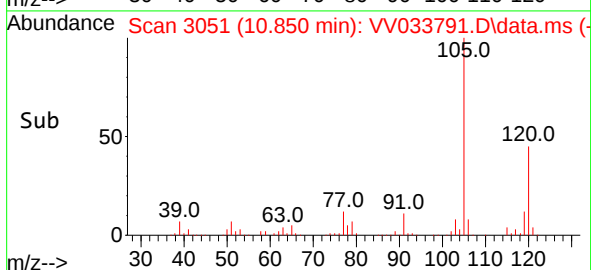
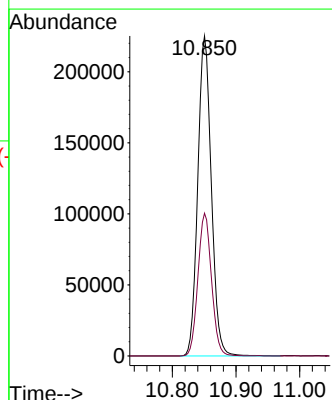
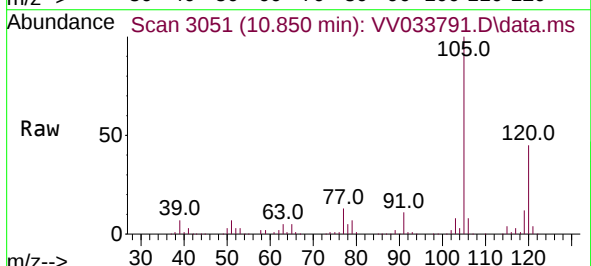
Acq: 22 Jan 2024 09:40

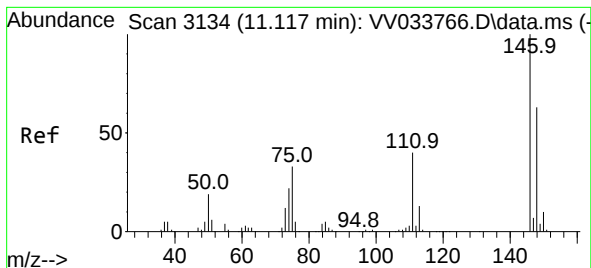
Tgt Ion:105 Resp: 332516

Ion Ratio Lower Upper

105 100

120 44.7 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 49.892 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV033791.D

Acq: 22 Jan 2024 09:40

Instrument :

MSVOA_V

ClientSampleId :

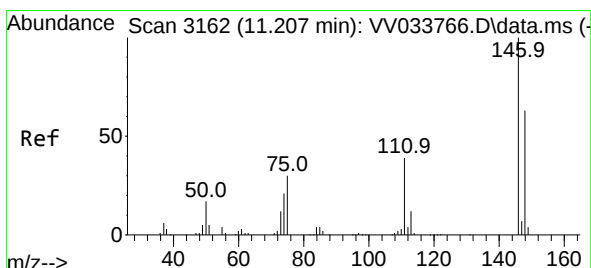
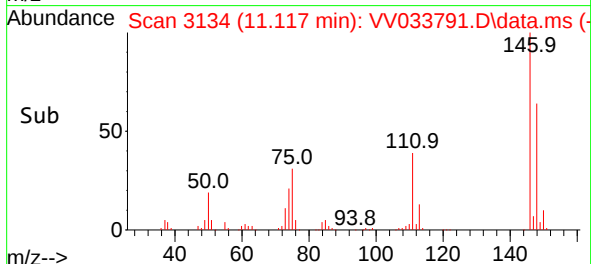
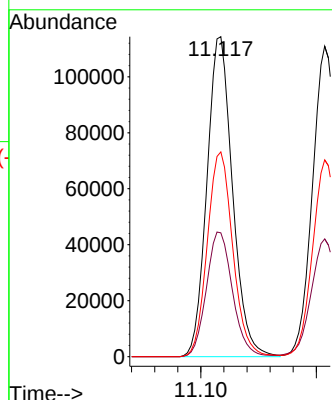
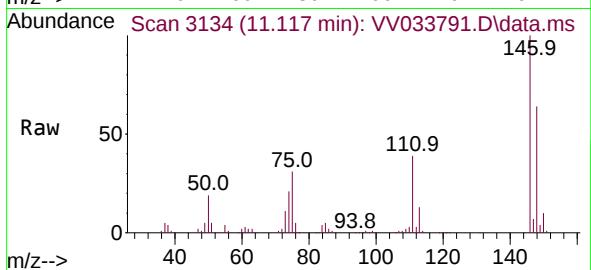
Tgt Ion:146 Resp: 175832

Ion Ratio Lower Upper

146 100

111 38.7 29.0 53.8

148 64.0 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 50.020 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV033791.D

Acq: 22 Jan 2024 09:40

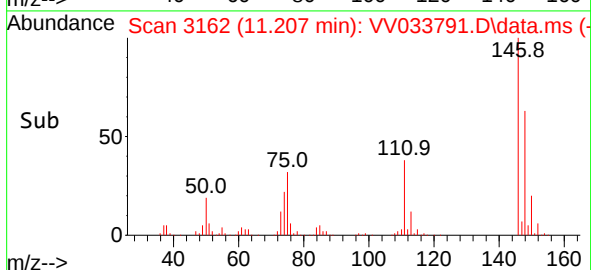
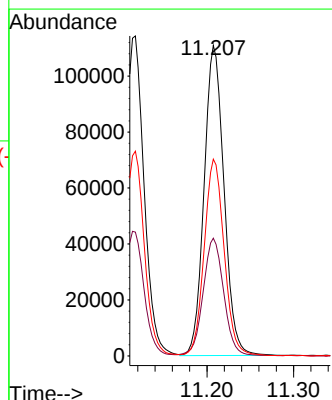
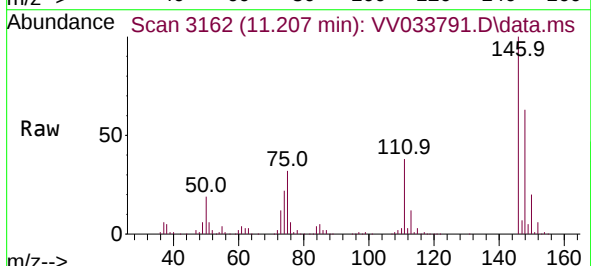
Tgt Ion:146 Resp: 176759

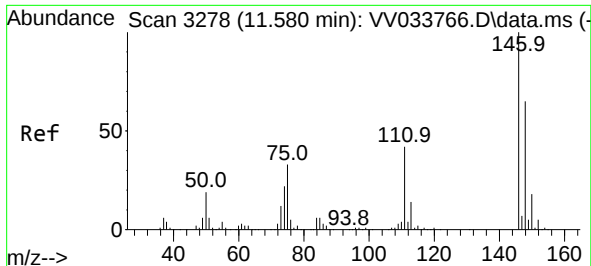
Ion Ratio Lower Upper

146 100

111 37.9 27.7 51.5

148 63.4 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 49.733 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033791.D

Acq: 22 Jan 2024 09:40

Instrument :

MSVOA_V

ClientSampleId :

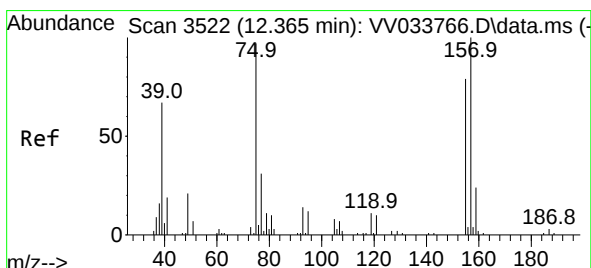
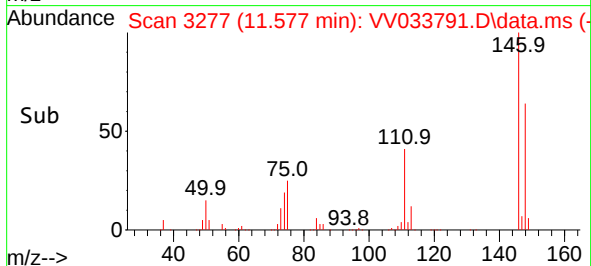
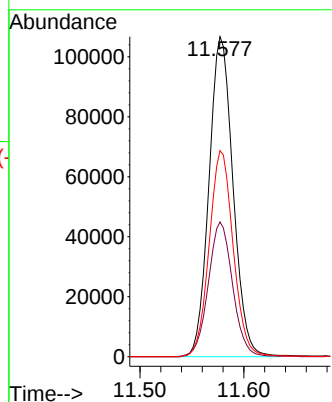
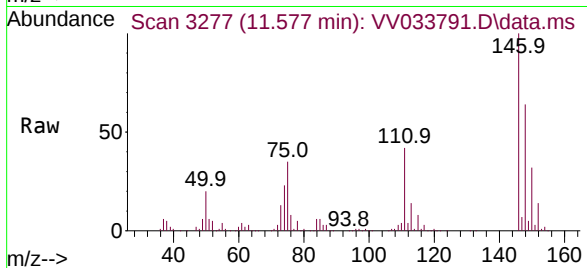
Tgt Ion:146 Resp: 171257

Ion Ratio Lower Upper

146 100

111 42.1 35.4 53.0

148 64.4 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 39.245 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV033791.D

Acq: 22 Jan 2024 09:40

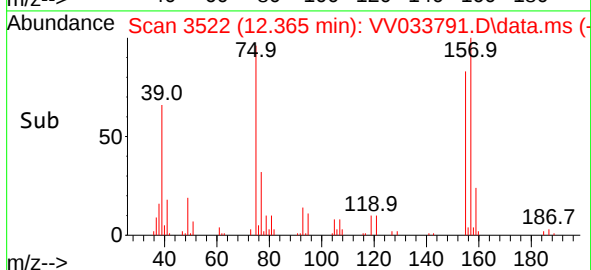
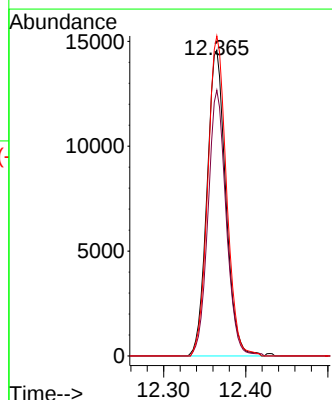
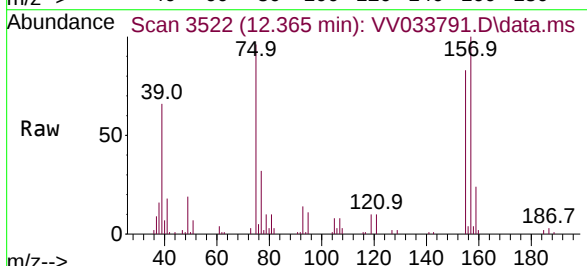
Tgt Ion: 75 Resp: 23177

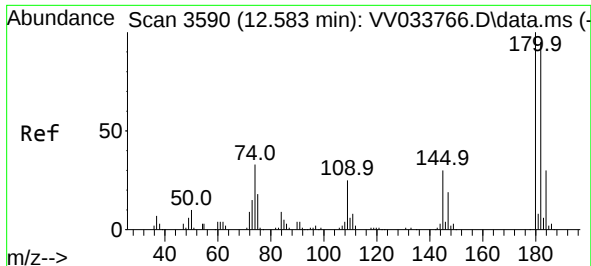
Ion Ratio Lower Upper

75 100

155 86.9 61.6 92.4

157 104.6 79.2 118.8





#69

1,3,5-Trichlorobenzene

Concen: 52.093 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.003 min

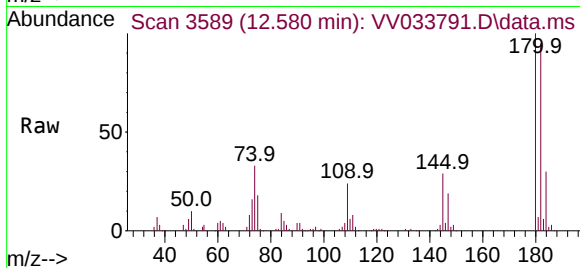
Lab File: VV033791.D

Acq: 22 Jan 2024 09:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 135665

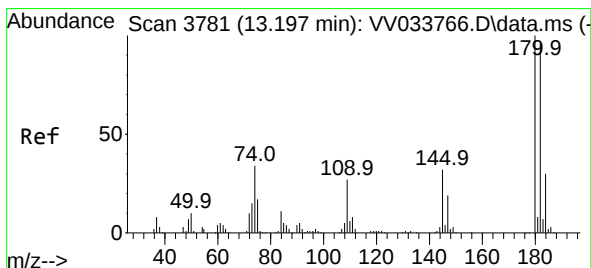
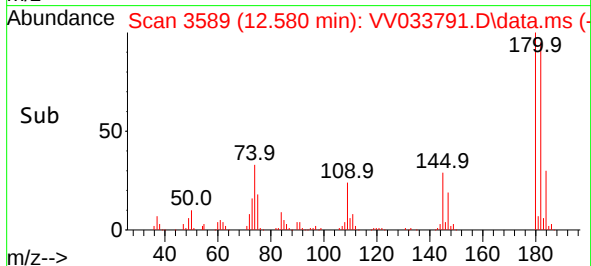
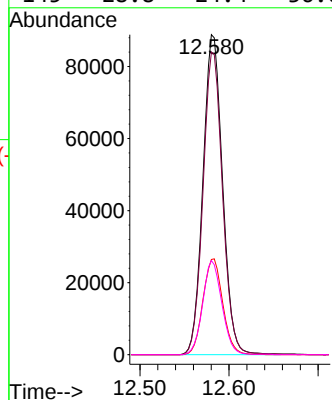
Ion Ratio Lower Upper

180 100

182 94.1 76.2 114.2

184 30.3 23.9 35.9

145 28.8 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 51.023 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV033791.D

Acq: 22 Jan 2024 09:40

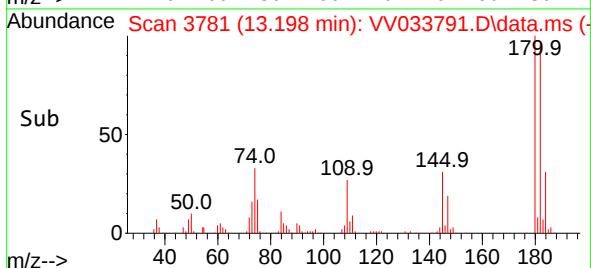
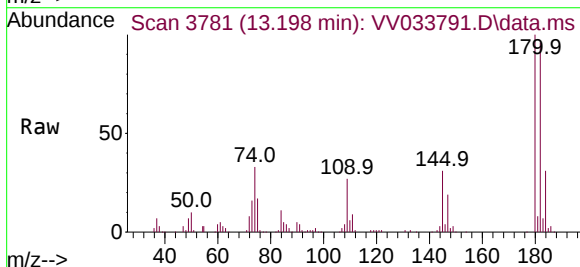
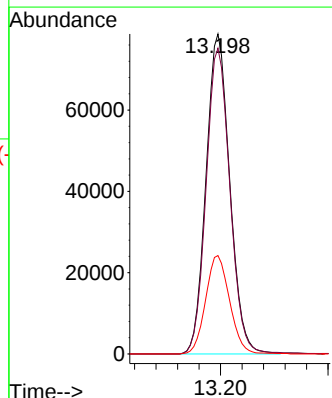
Tgt Ion:180 Resp: 120604

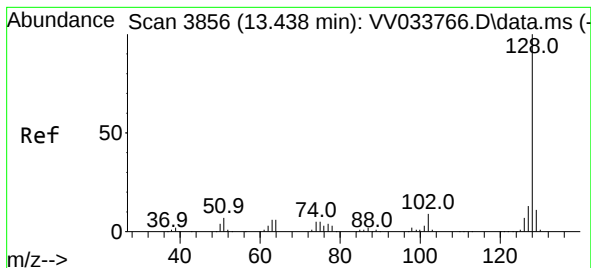
Ion Ratio Lower Upper

180 100

182 95.6 76.3 114.5

145 31.1 25.4 38.0





#71

Naphthalene

Concen: 41.902 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV033791.D

Acq: 22 Jan 2024 09:40

Instrument :

MSVOA_V

ClientSampleId :

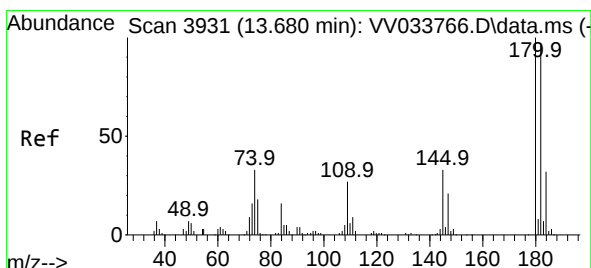
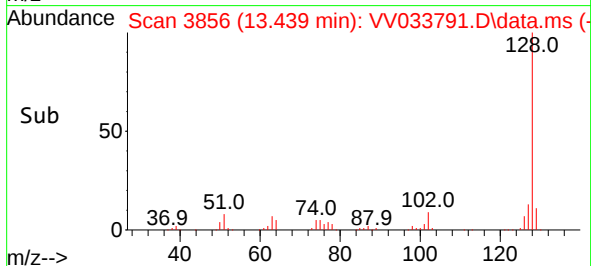
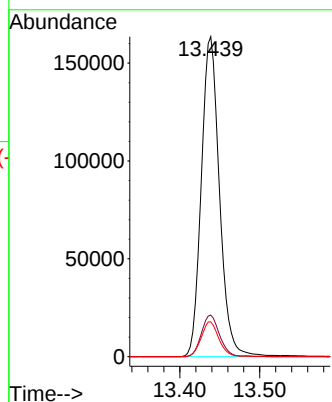
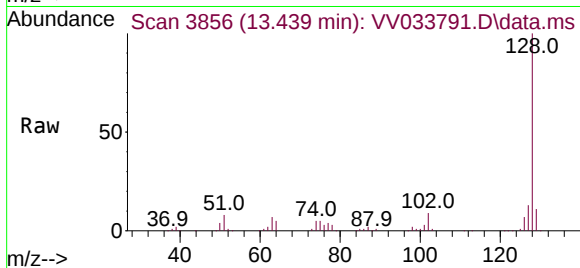
Tgt Ion:128 Resp: 258813

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.7 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 51.022 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV033791.D

Acq: 22 Jan 2024 09:40

Tgt Ion:180 Resp: 112569

Ion Ratio Lower Upper

180 100

182 94.3 76.0 114.0

145 32.6 26.3 39.5

