

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032624\
 Data File : VV034828.D
 Acq On : 26 Mar 2024 14:48
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 27 01:30:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:24:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	426516	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	409098	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	212099	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	191111	46.396	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.800%
7) Chloroethane-d5	1.532	69	188504	52.689	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.380%
11) 1,1-Dichloroethene-d2	2.060	65	84294	46.685	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.360%
21) 2-Butanone-d5	3.783	46	252460	103.342	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.340%
24) Chloroform-d	4.246	84	331920	47.927	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.860%
26) 1,2-Dichloroethane-d4	4.937	65	209972	47.754	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.500%
32) Benzene-d6	4.957	84	660531	48.067	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.140%
36) 1,2-Dichloropropane-d6	5.986	67	211562	48.482	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.960%
41) Toluene-d8	7.240	98	602822	48.710	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.420%
43) trans-1,3-Dichloroprop...	7.551	79	105299	49.637	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.280%
47) 2-Hexanone-d5	8.021	63	175904	106.619	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.620%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	291477	48.506	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.020%
66) 1,2-Dichlorobenzene-d4	11.558	152	224516	47.147	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	128737	41.645	ug/L	100
3) Chloromethane	1.217	50	175365	44.127	ug/L	100
5) Vinyl chloride	1.285	62	187651	45.041	ug/L	100
6) Bromomethane	1.487	94	152299	48.768	ug/L	98
8) Chloroethane	1.548	64	133668	46.977	ug/L	97
9) Trichlorofluoromethane	1.716	101	237486	43.431	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	139984	41.825	ug/L	99
12) 1,1-Dichloroethene	2.069	96	143394	44.796	ug/L	95
13) Acetone	2.118	43	217989	97.194	ug/L	100
14) Carbon disulfide	2.243	76	403937	44.810	ug/L	100
15) Methyl Acetate	2.375	43	162460	45.966	ug/L	99
16) Methylene chloride	2.446	84	154143	44.442	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	139828	45.182	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	499297	45.932	ug/L	99
19) 1,1-Dichloroethane	3.111	63	287213	45.256	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	162324	46.190	ug/L	95
22) 2-Butanone	3.867	43	241583	92.826	ug/L	100
23) Bromochloromethane	4.146	128	79726	45.343	ug/L	97
25) Chloroform	4.275	83	283004	45.103	ug/L	99

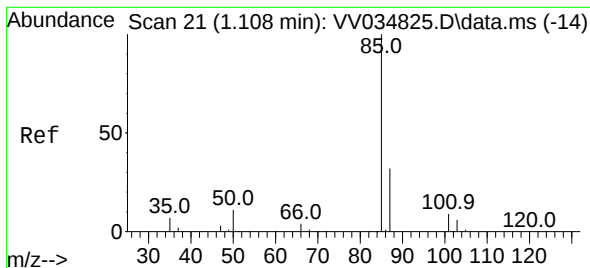
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032624\
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 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:24:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	229116	45.862	ug/L	99
29) Cyclohexane	4.580	56	223237	43.568	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	243436	45.651	ug/L	99
31) Carbon tetrachloride	4.735	117	205101	45.378	ug/L	100
33) Benzene	5.008	78	604586	45.321	ug/L	100
34) Trichloroethene	5.831	95	164475	45.685	ug/L	98
35) Methylcyclohexane	6.050	83	233646	42.972	ug/L	99
37) 1,2-Dichloropropane	6.092	63	166779	45.239	ug/L	100
38) Bromodichloromethane	6.429	83	213009	44.782	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	267082	45.989	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	449220	95.439	ug/L	100
42) Toluene	7.314	91	647864	46.388	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	258801	48.506	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	156763	45.115	ug/L	99
46) Tetrachloroethene	7.902	164	115294	45.838	ug/L	98
48) 2-Hexanone	8.072	43	383091	95.695	ug/L	98
49) Dibromochloromethane	8.175	129	154051	44.763	ug/L	99
50) 1,2-Dibromoethane	8.281	107	169564	45.326	ug/L	98
51) Chlorobenzene	8.812	112	411172	45.424	ug/L	100
52) Ethylbenzene	8.944	91	722844	46.700	ug/L	99
53) m,p-Xylene	9.072	106	270147	47.392	ug/L	99
54) o-Xylene	9.477	106	262563	46.554	ug/L	100
55) Styrene	9.493	104	452948	47.524	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	256887	45.629	ug/L	99
59) Bromoform	9.664	173	109540	45.067	ug/L	99
60) Isopropylbenzene	9.866	105	716041	46.829	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	208754	45.420	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	477815	48.116	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	591315	48.161	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	326745	45.727	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	334181	45.989	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	322682	45.331	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.362	75	60320	47.638	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	242124	47.016	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	231512	48.940	ug/L	100
71) Naphthalene	13.435	128	797436	60.760	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	233238	50.019	ug/L	100

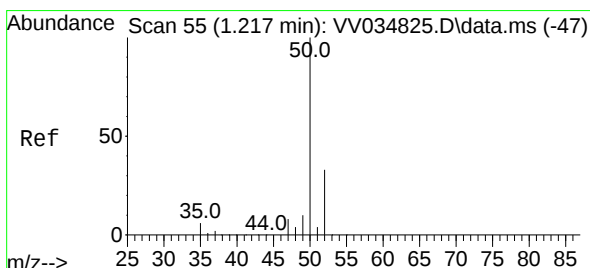
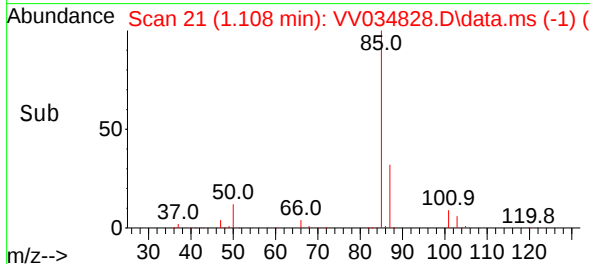
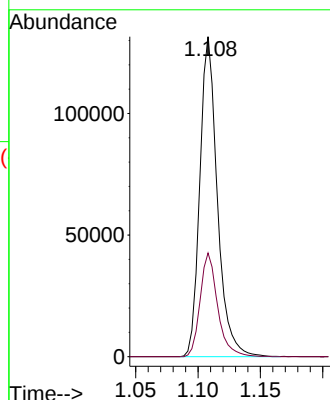
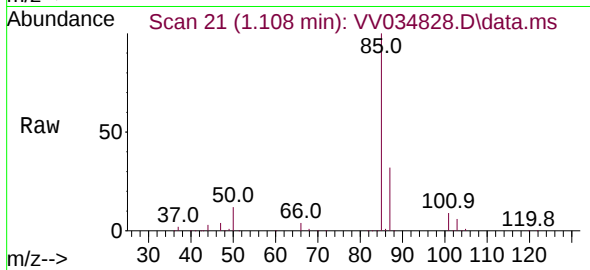
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#2
 Dichlorodifluoromethane
 Concen: 41.645 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV034828.D
 Acq: 26 Mar 2024 14:48

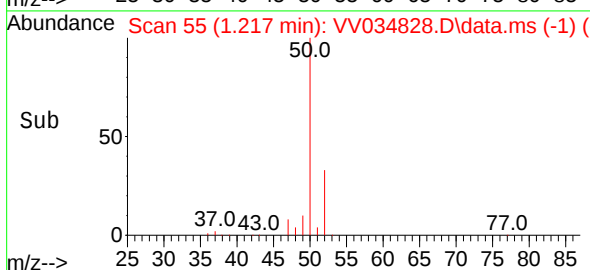
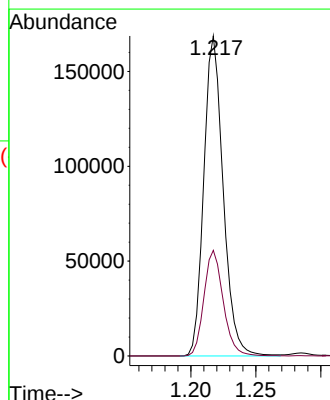
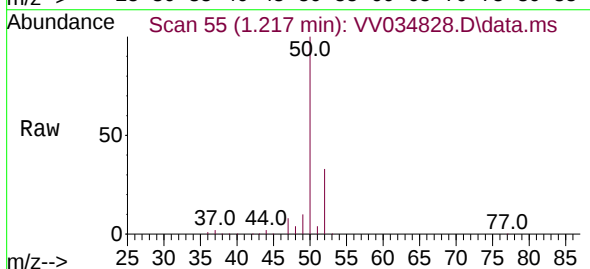
Instrument :
 MSVOA_V
 ClientSampleId :

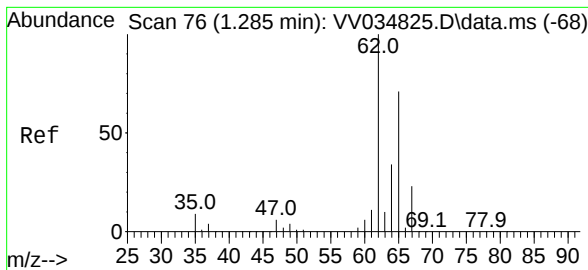
Tgt Ion: 85 Resp: 128737
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.7 38.5



#3
 Chloromethane
 Concen: 44.127 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV034828.D
 Acq: 26 Mar 2024 14:48

Tgt Ion: 50 Resp: 175365
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.0 42.8

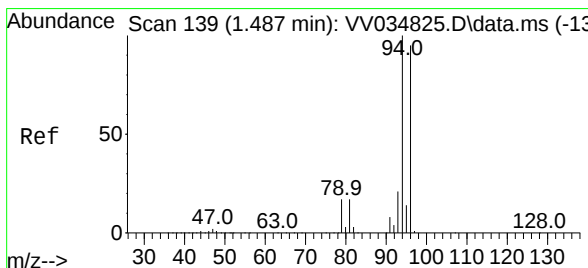
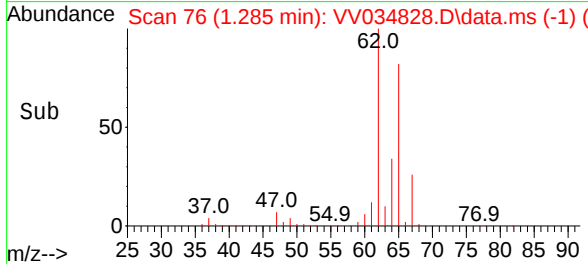
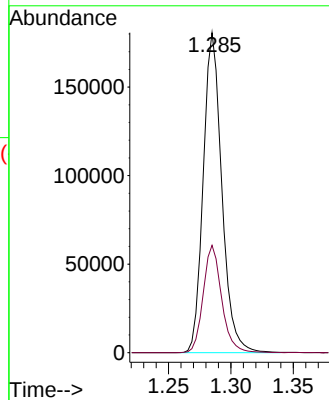
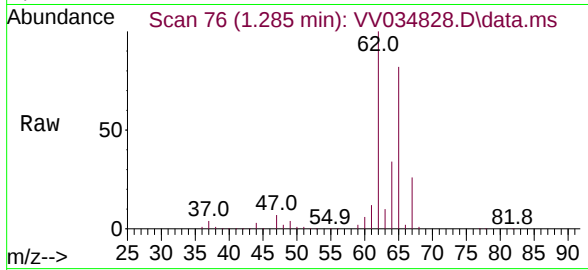




#5
 Vinyl chloride
 Concen: 45.041 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV034828.D
 Acq: 26 Mar 2024 14:48

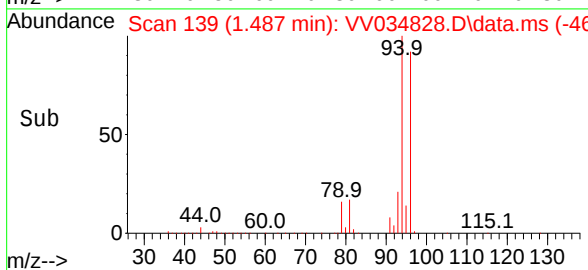
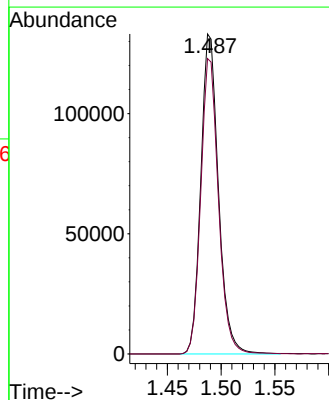
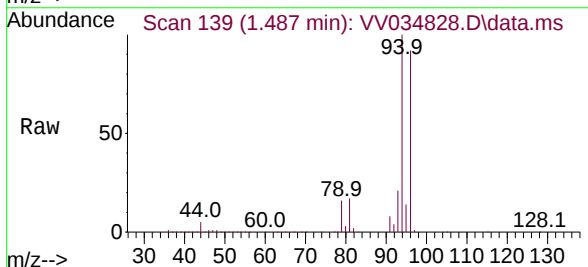
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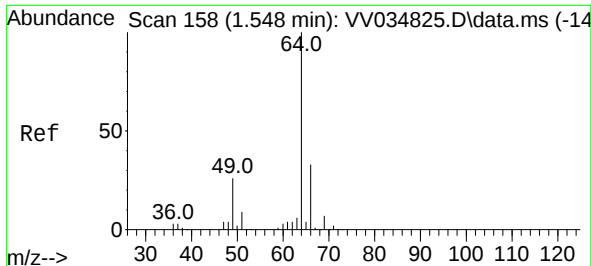
Tgt Ion: 62 Resp: 187651
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.6 43.8



#6
 Bromomethane
 Concen: 48.768 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV034828.D
 Acq: 26 Mar 2024 14:48

Tgt Ion: 94 Resp: 152299
 Ion Ratio Lower Upper
 94 100
 96 92.3 66.3 123.1

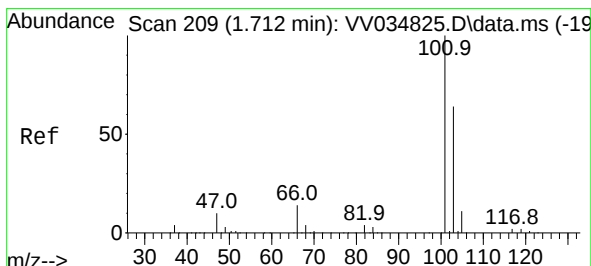
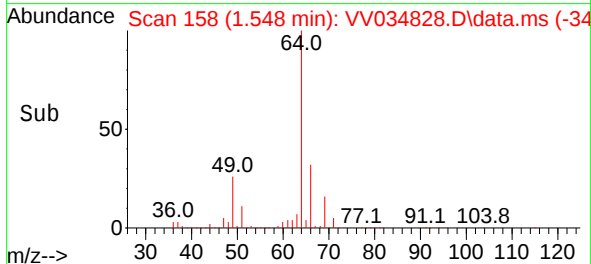
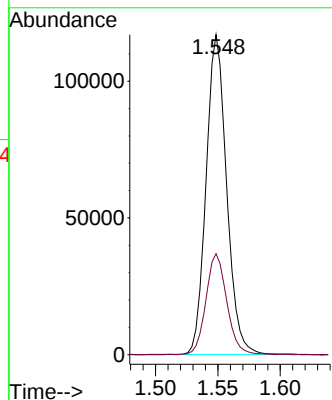
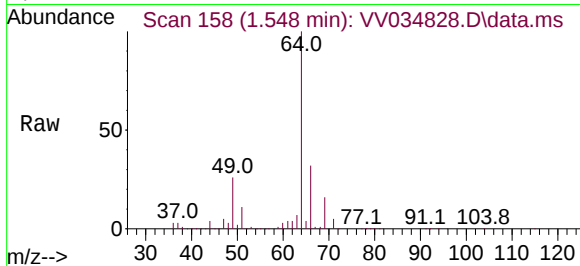




#8
Chloroethane
Concen: 46.977 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

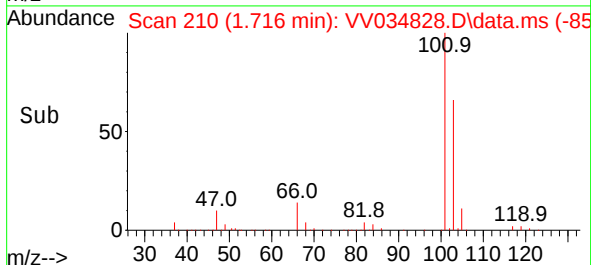
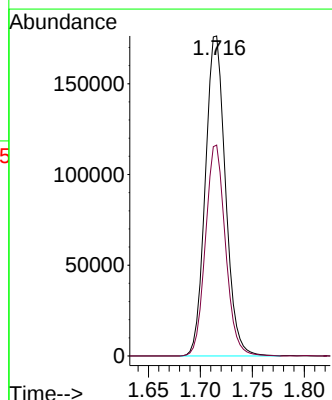
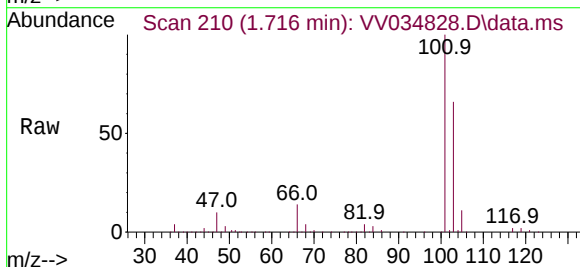
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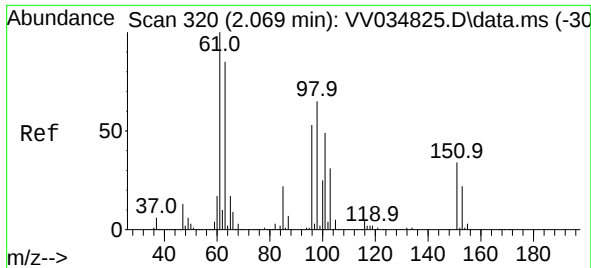
Tgt Ion: 64 Resp: 133668
Ion Ratio Lower Upper
64 100
66 31.5 23.2 43.2



#9
Trichlorofluoromethane
Concen: 43.431 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

Tgt Ion:101 Resp: 237486
Ion Ratio Lower Upper
101 100
103 65.4 51.6 77.4

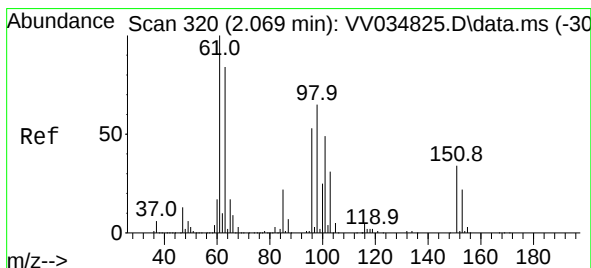
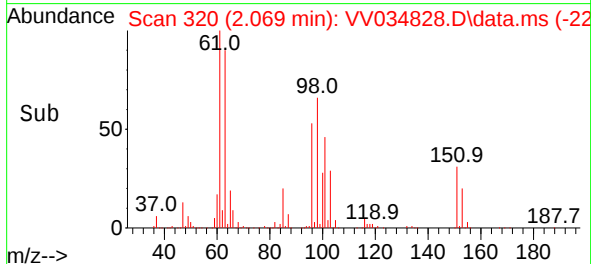
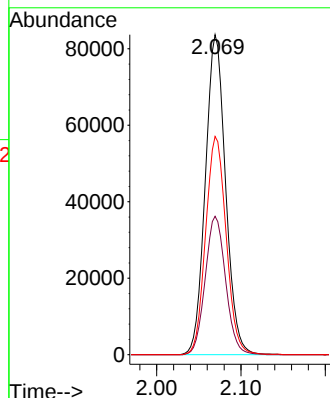
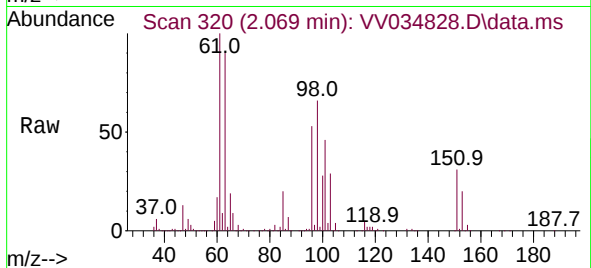




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 41.825 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV034828.D
 Acq: 26 Mar 2024 14:48

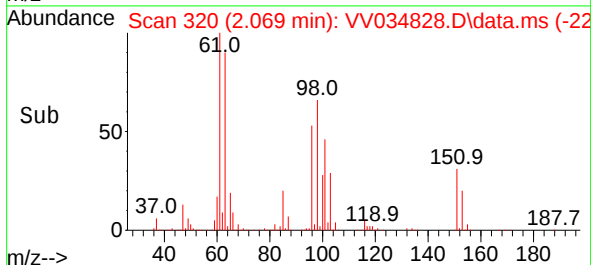
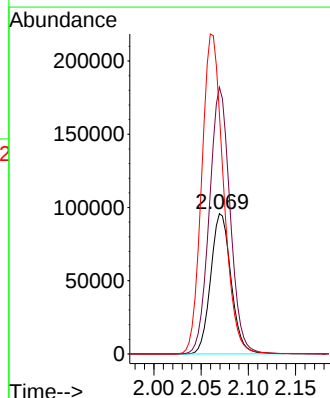
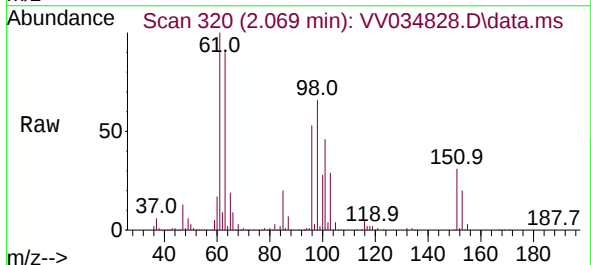
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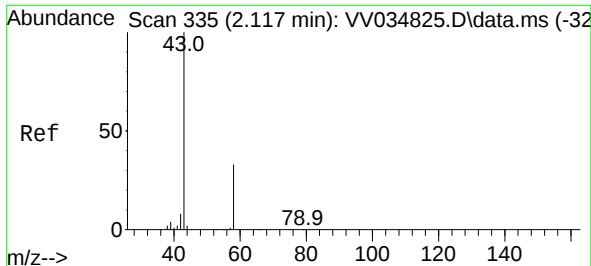
Tgt Ion:101 Resp: 139984
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.3 52.9
 151 69.2 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 44.796 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV034828.D
 Acq: 26 Mar 2024 14:48

Tgt Ion: 96 Resp: 143394
 Ion Ratio Lower Upper
 96 100
 61 190.2 131.5 244.3
 63 171.6 111.4 206.8





#13

Acetone

Concen: 97.194 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV034828.D

Acq: 26 Mar 2024 14:48

Instrument :

MSVOA_V

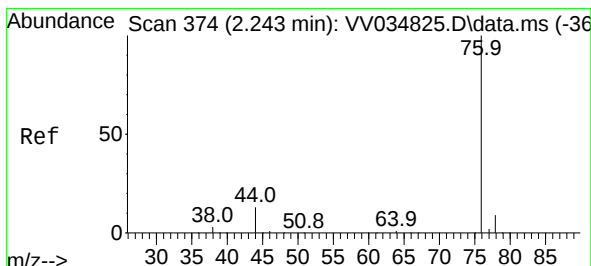
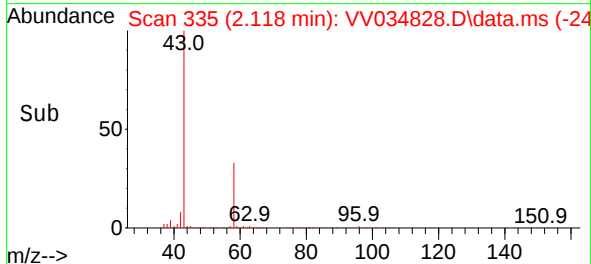
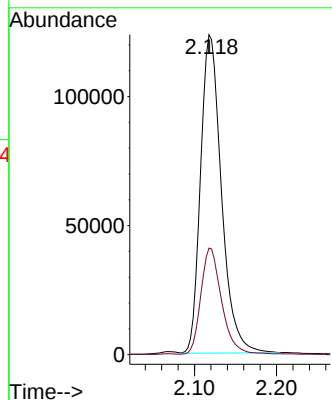
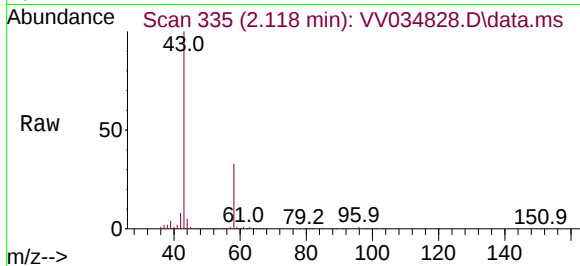
ClientSampleId :

Tgt Ion: 43 Resp: 217989

Ion Ratio Lower Upper

43 100

58 33.1 0.0 66.0



#14

Carbon disulfide

Concen: 44.810 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV034828.D

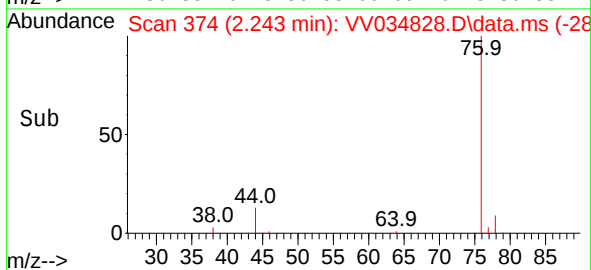
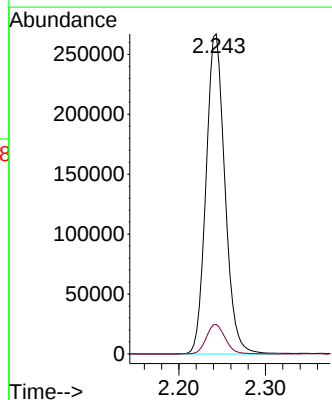
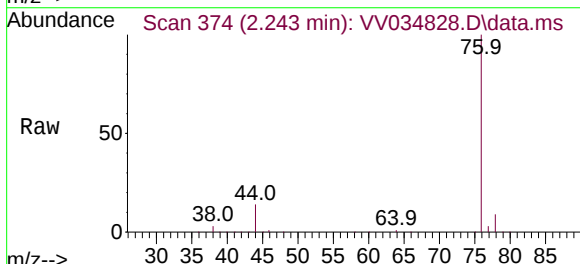
Acq: 26 Mar 2024 14:48

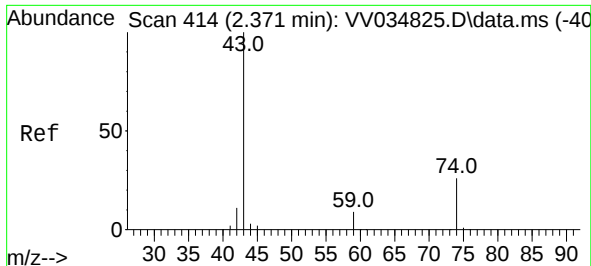
Tgt Ion: 76 Resp: 403937

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0





#15

Methyl Acetate

Concen: 45.966 ug/L

RT: 2.375 min Scan# 414

Delta R.T. 0.003 min

Lab File: VV034828.D

Acq: 26 Mar 2024 14:48

Instrument :

MSVOA_V

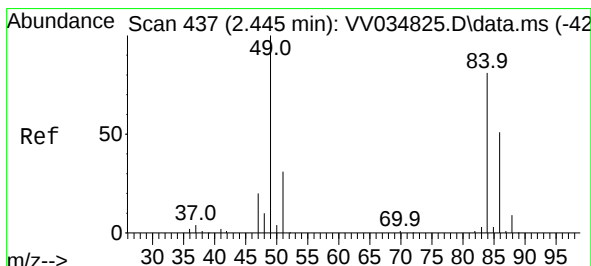
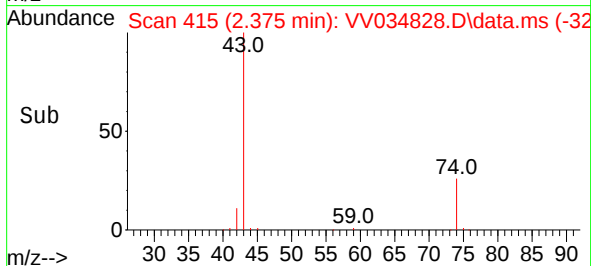
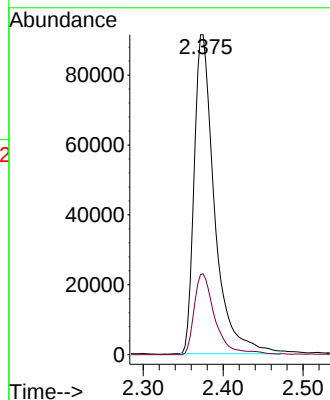
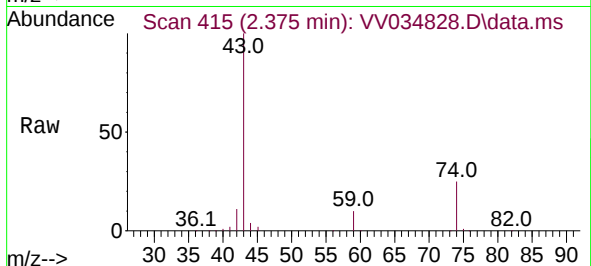
ClientSampleId :

Tgt Ion: 43 Resp: 162460

Ion Ratio Lower Upper

43 100

74 25.2 19.8 29.8



#16

Methylene chloride

Concen: 44.442 ug/L

RT: 2.446 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV034828.D

Acq: 26 Mar 2024 14:48

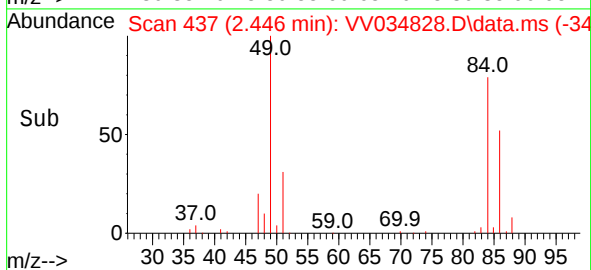
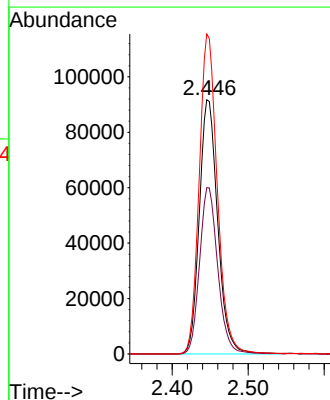
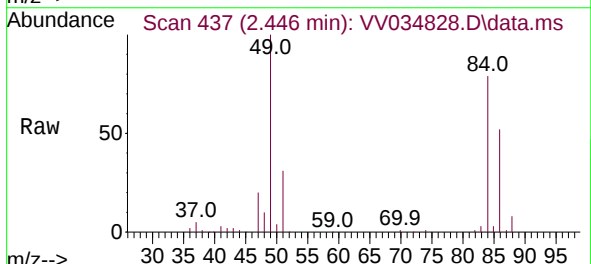
Tgt Ion: 84 Resp: 154143

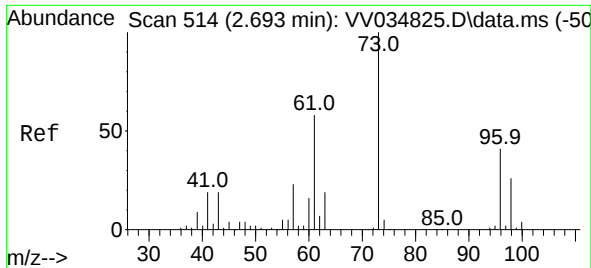
Ion Ratio Lower Upper

84 100

86 65.4 44.6 82.8

49 125.9 86.9 161.3

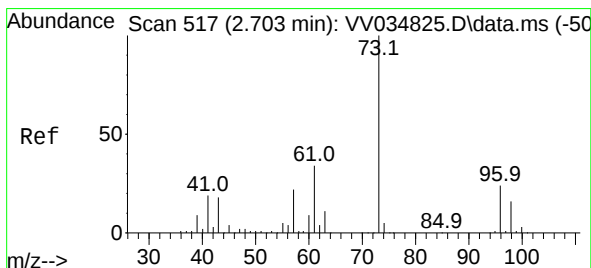
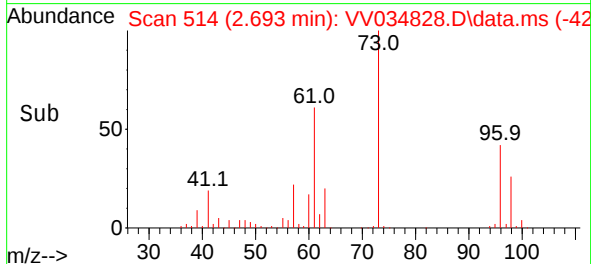
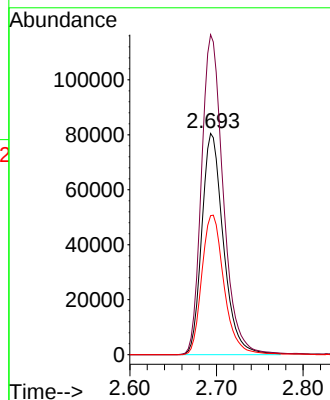
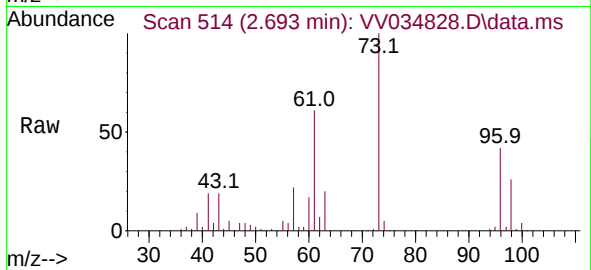




#17
trans-1,2-Dichloroethene
Concen: 45.182 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

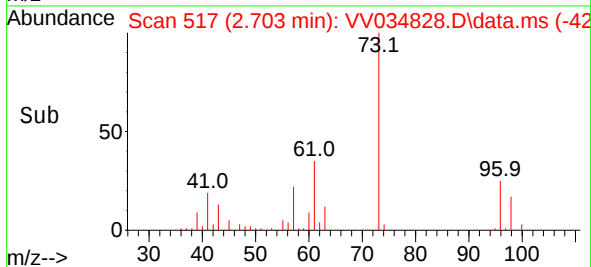
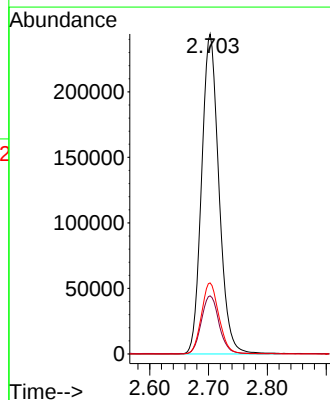
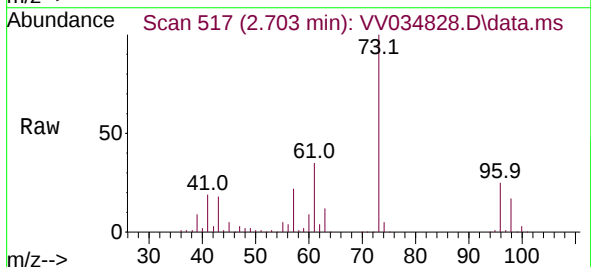
Instrument :
MSVOA_V
ClientSampleId :

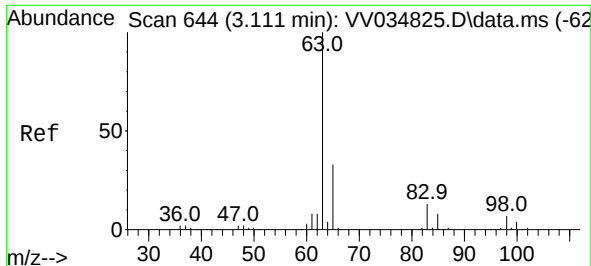
Tgt Ion: 96 Resp: 139828
Ion Ratio Lower Upper
96 100
61 144.6 99.0 183.8
98 62.8 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 45.932 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

Tgt Ion: 73 Resp: 499297
Ion Ratio Lower Upper
73 100
43 18.4 14.6 21.8
57 22.5 17.6 26.4

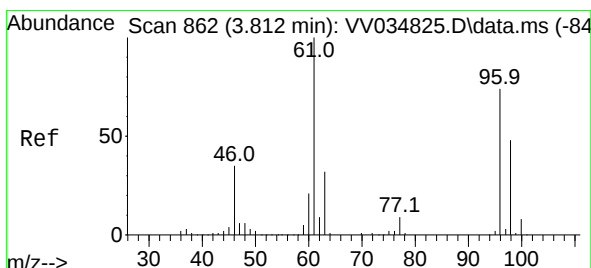
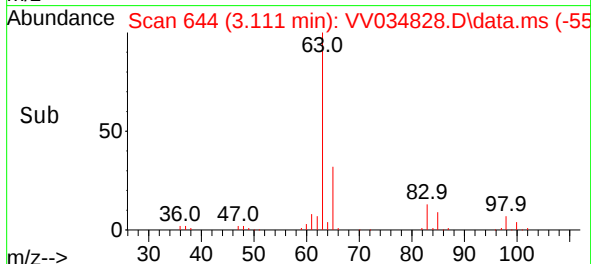
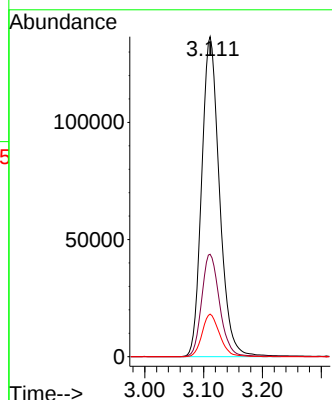
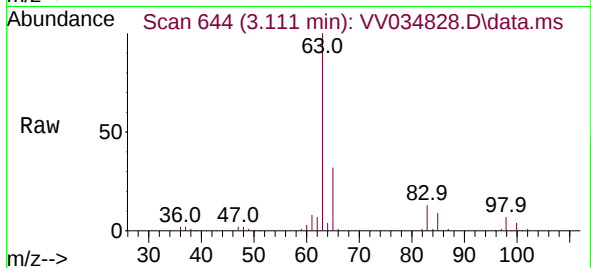




#19
1,1-Dichloroethane
Concen: 45.256 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

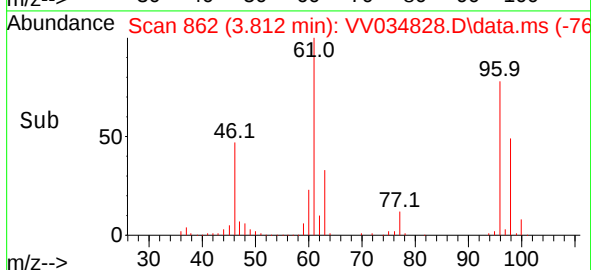
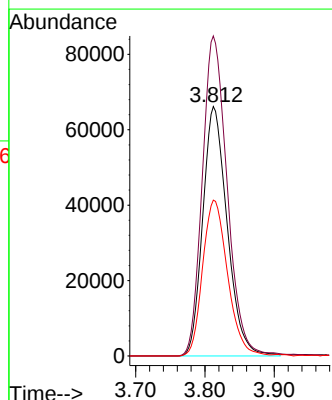
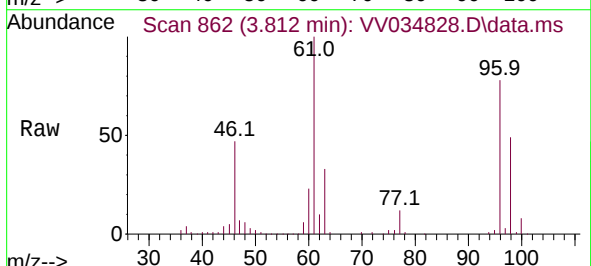
Instrument :
MSVOA_V
ClientSampleId :

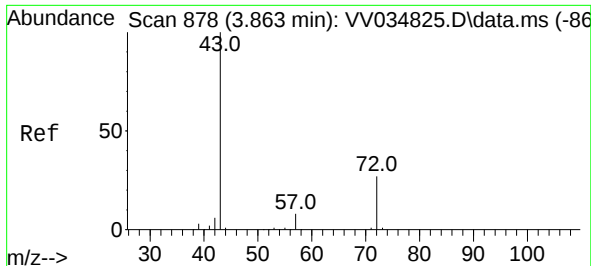
Tgt Ion: 63 Resp: 287213
Ion Ratio Lower Upper
63 100
65 32.0 23.0 42.6
83 13.3 9.1 16.9



#20
cis-1,2-Dichloroethene
Concen: 46.190 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

Tgt Ion: 96 Resp: 162324
Ion Ratio Lower Upper
96 100
61 128.3 94.9 176.3
98 62.5 45.6 84.8

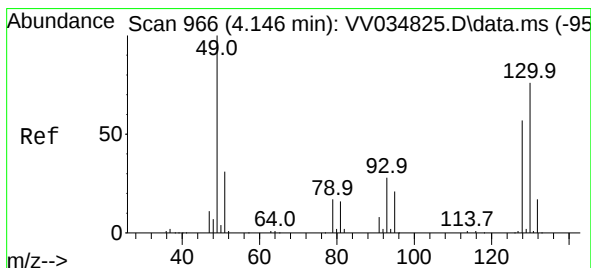
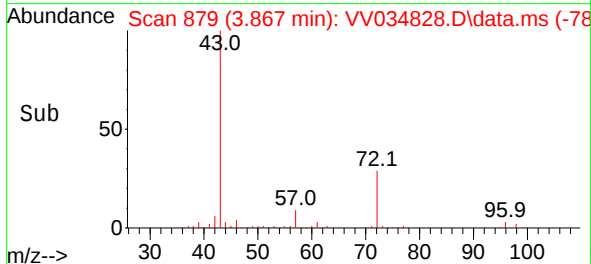
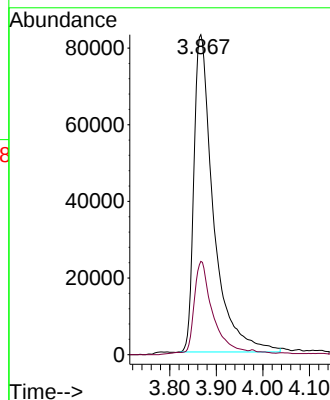
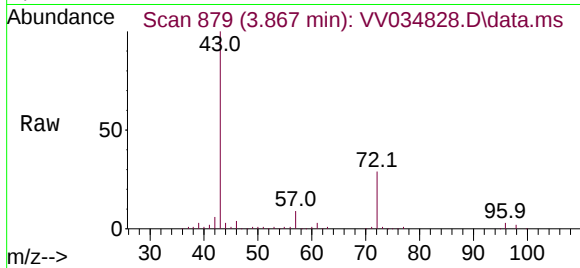




#22
2-Butanone
Concen: 92.826 ug/L
RT: 3.867 min Scan# 879
Delta R.T. 0.003 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

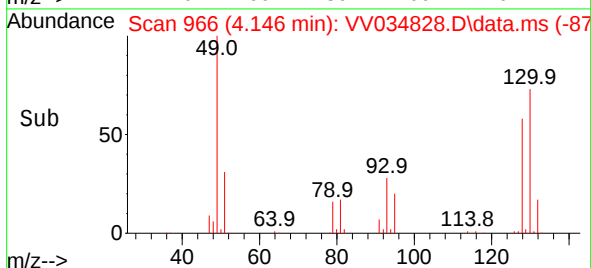
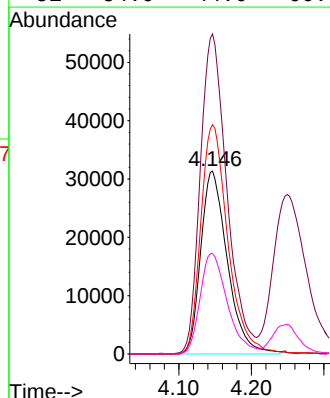
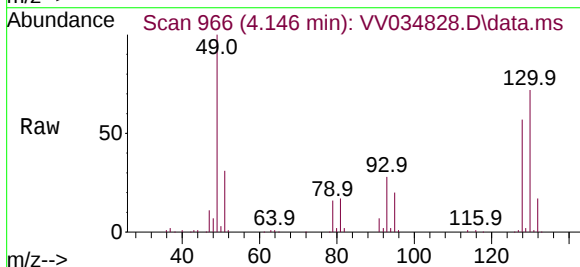
Instrument :
MSVOA_V
ClientSampleId :

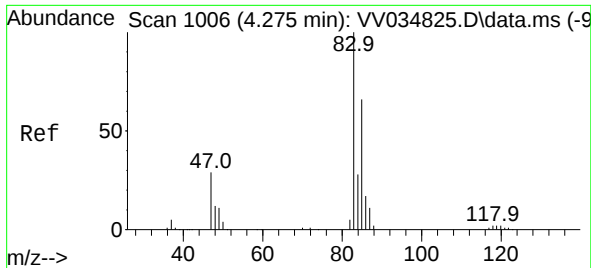
Tgt Ion: 43 Resp: 241583
Ion Ratio Lower Upper
43 100
72 26.7 13.2 39.6



#23
Bromochloromethane
Concen: 45.343 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

Tgt Ion: 128 Resp: 79726
Ion Ratio Lower Upper
128 100
49 174.9 123.8 229.8
130 125.3 93.2 173.0
51 54.9 44.0 66.0

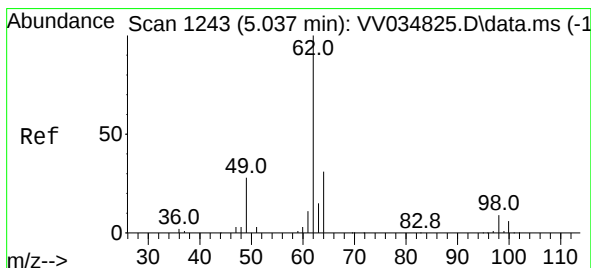
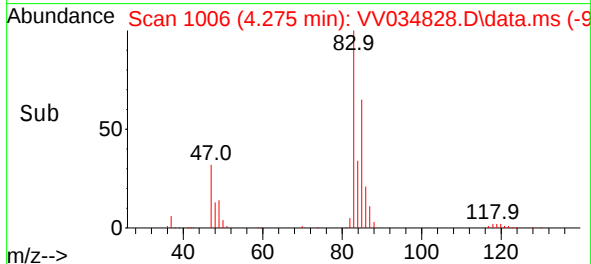
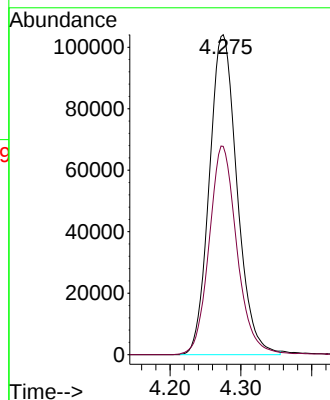
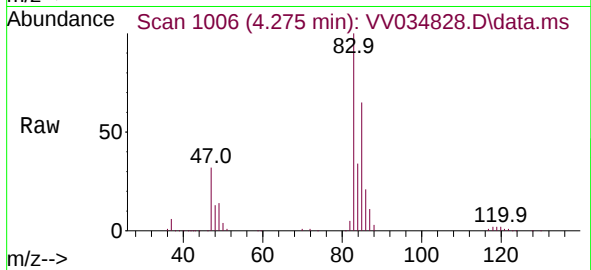




#25
Chloroform
Concen: 45.103 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

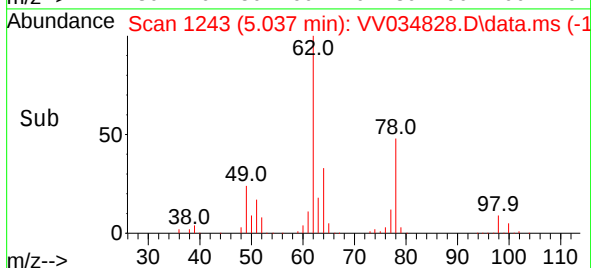
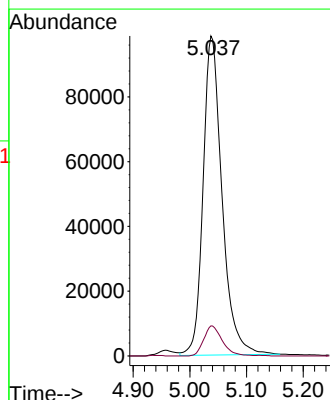
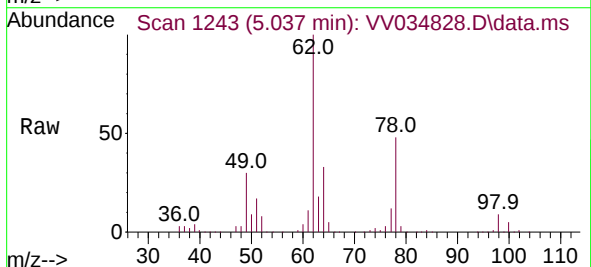
Instrument :
MSVOA_V
ClientSampleId :

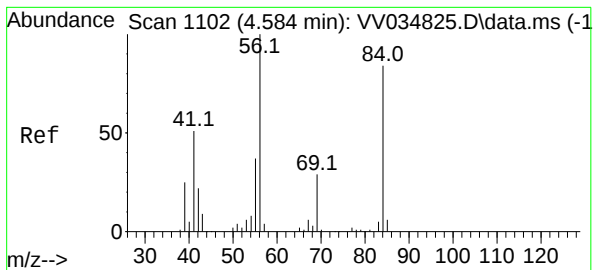
Tgt Ion: 83 Resp: 283004
Ion Ratio Lower Upper
83 100
85 65.1 46.0 85.4



#27
1,2-Dichloroethane
Concen: 45.862 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

Tgt Ion: 62 Resp: 229116
Ion Ratio Lower Upper
62 100
98 9.4 7.2 10.8





#29

Cyclohexane

Concen: 43.568 ug/L

RT: 4.580 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV034828.D

Acq: 26 Mar 2024 14:48

Instrument :

MSVOA_V

ClientSampleId :

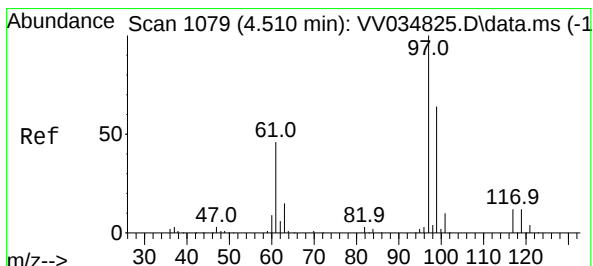
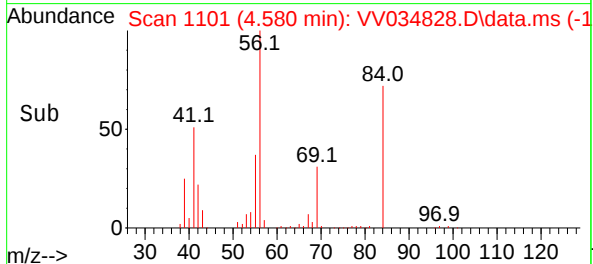
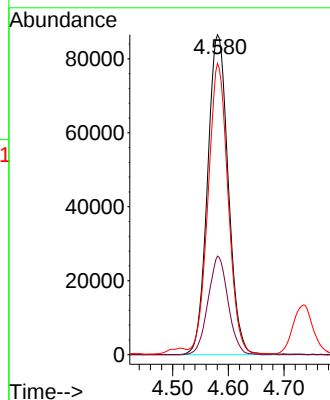
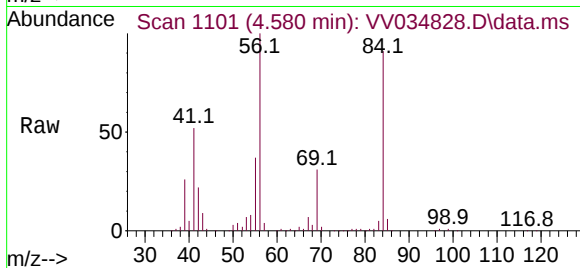
Tgt Ion: 56 Resp: 223237

Ion Ratio Lower Upper

56 100

69 29.9 24.2 36.2

84 87.6 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 45.651 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV034828.D

Acq: 26 Mar 2024 14:48

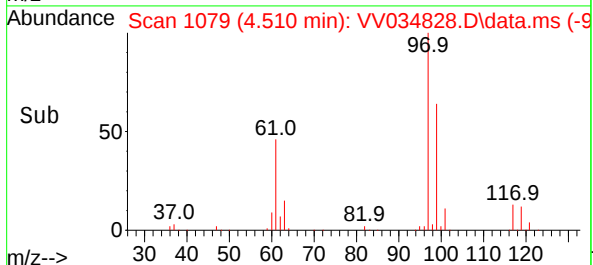
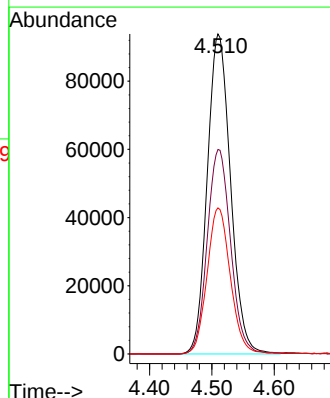
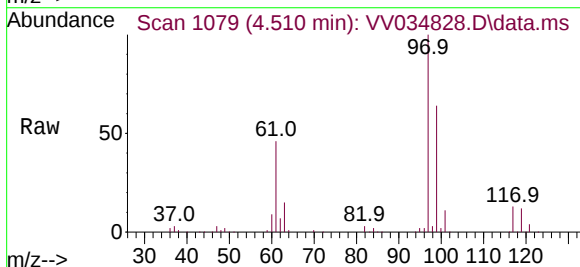
Tgt Ion: 97 Resp: 243436

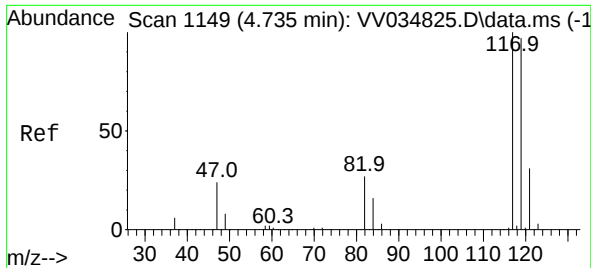
Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.4

61 45.6 36.8 55.2

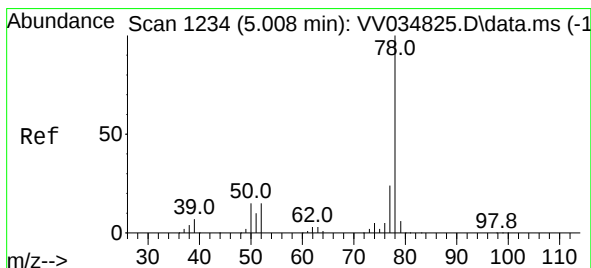
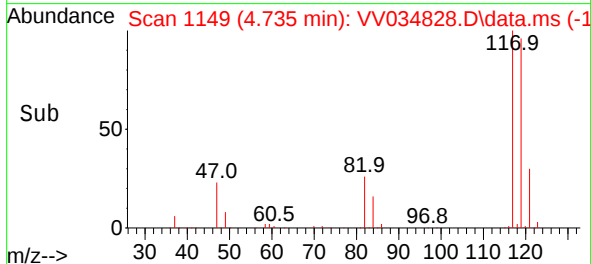
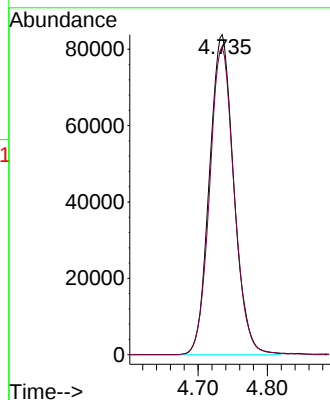
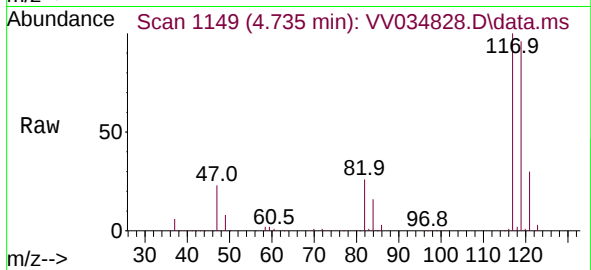




#31
Carbon tetrachloride
Concen: 45.378 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

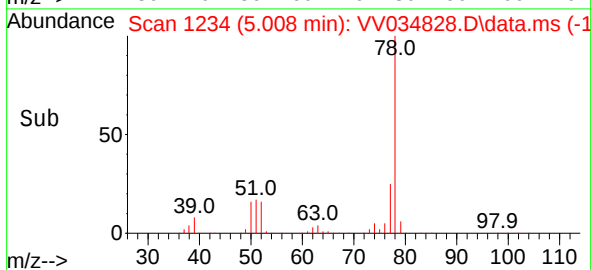
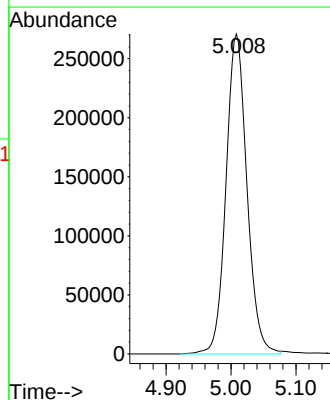
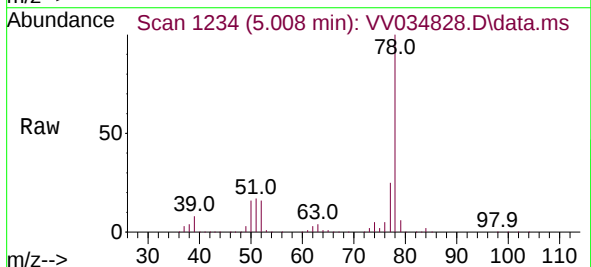
Instrument :
MSVOA_V
ClientSampleId :

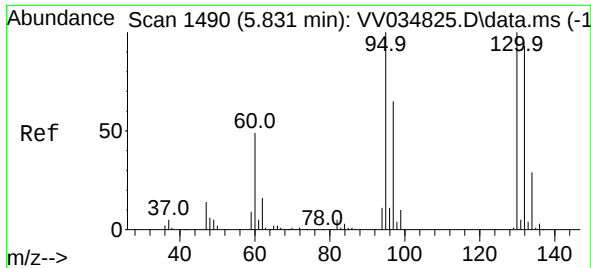
Tgt Ion:117 Resp: 205101
Ion Ratio Lower Upper
117 100
119 96.5 77.1 115.7



#33
Benzene
Concen: 45.321 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

Tgt Ion: 78 Resp: 604586

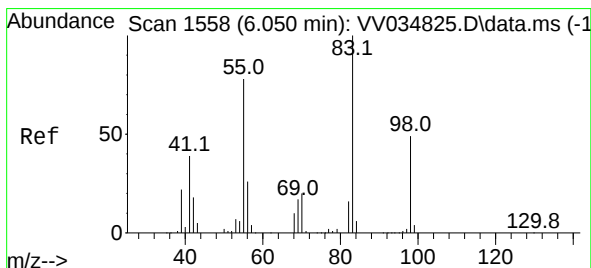
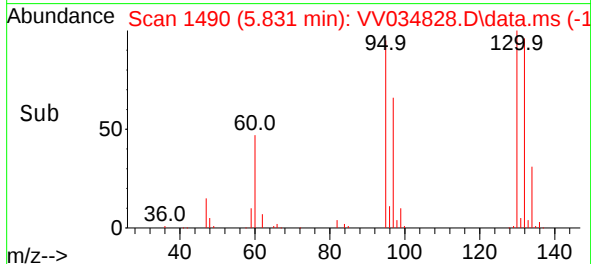
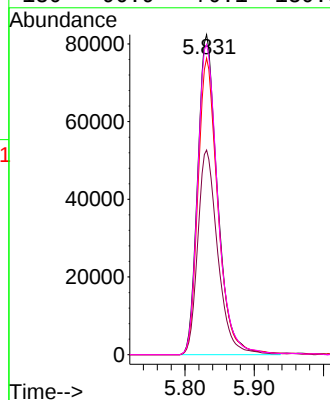
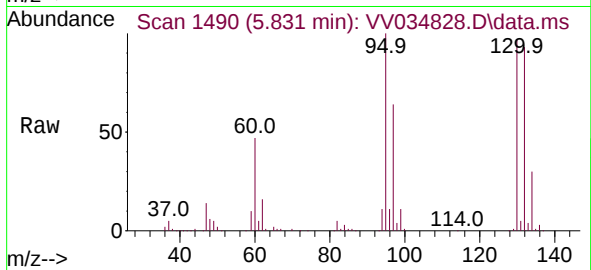




#34
Trichloroethene
Concen: 45.685 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

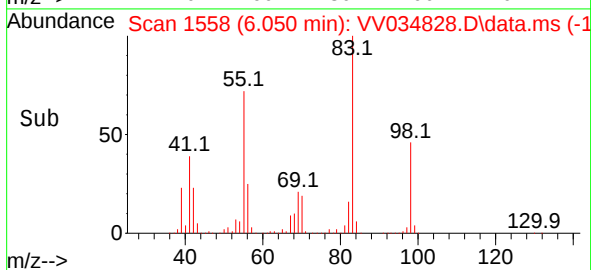
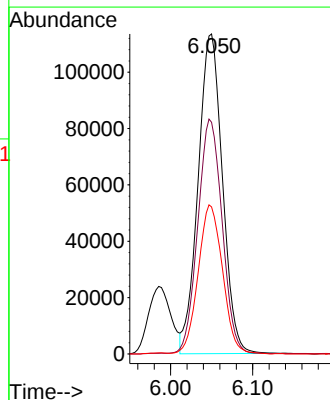
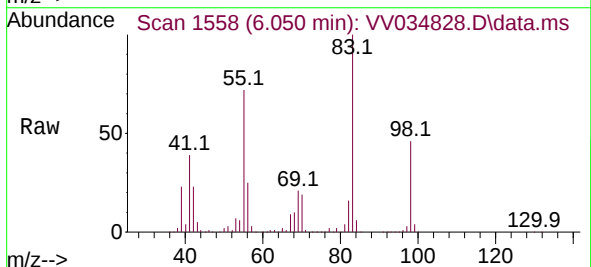
Instrument :
MSVOA_V
ClientSampleId :

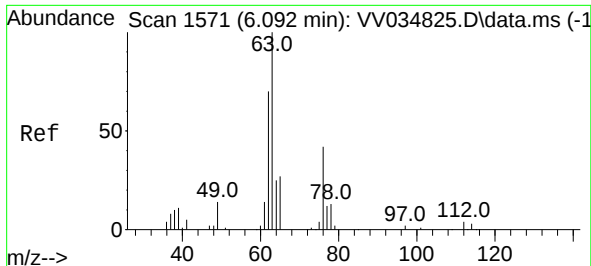
Tgt Ion: 95 Resp: 164475
Ion Ratio Lower Upper
95 100
97 63.9 45.3 84.1
132 92.7 65.3 121.3
130 96.9 70.1 130.3



#35
Methylcyclohexane
Concen: 42.972 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

Tgt Ion: 83 Resp: 233646
Ion Ratio Lower Upper
83 100
55 73.4 60.0 90.0
98 46.9 37.6 56.4

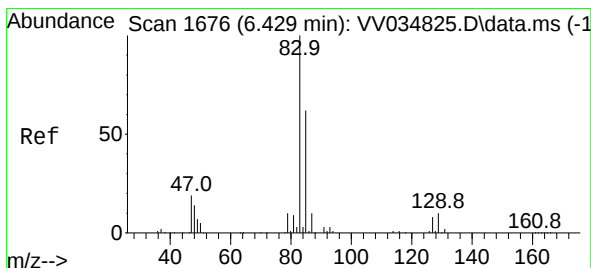
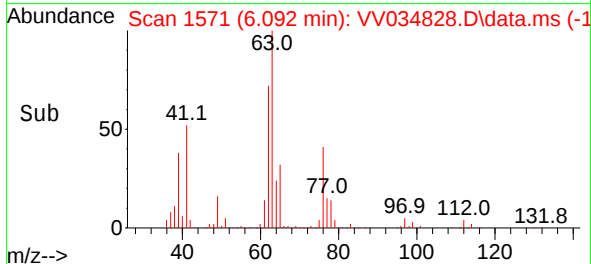
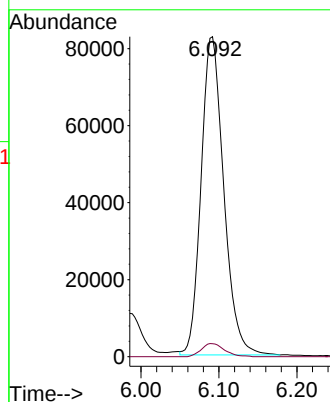
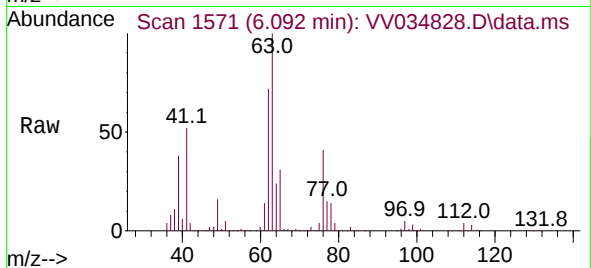




#37
1,2-Dichloropropane
Concen: 45.239 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

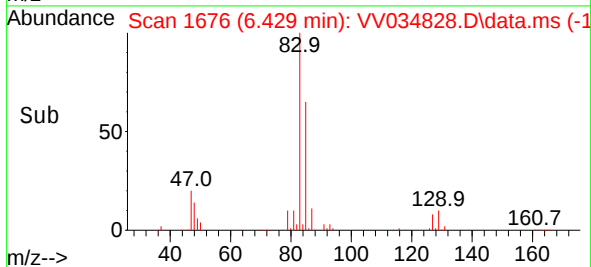
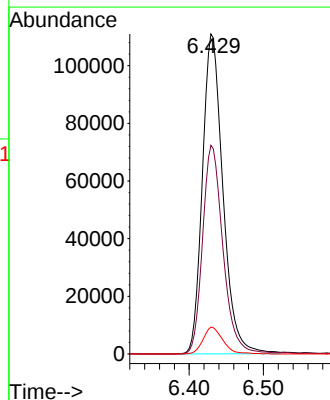
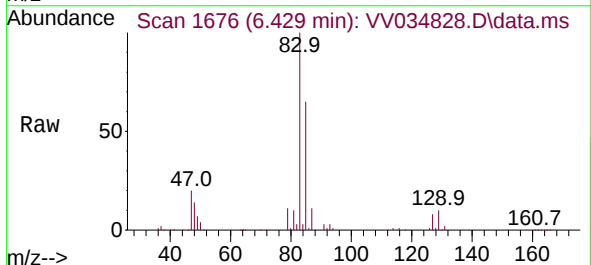
Instrument :
MSVOA_V
ClientSampleId :

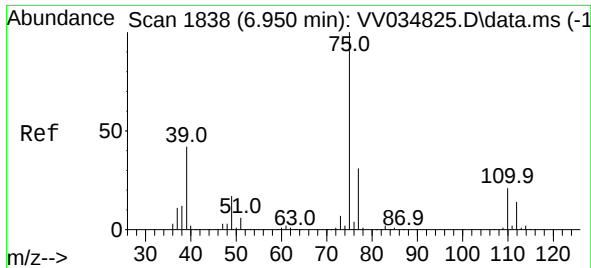
Tgt Ion: 63 Resp: 166779
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9



#38
Bromodichloromethane
Concen: 44.782 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

Tgt Ion: 83 Resp: 213009
Ion Ratio Lower Upper
83 100
85 65.2 43.7 81.1
127 8.4 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 45.989 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. 0.000 min

Lab File: VV034828.D

Acq: 26 Mar 2024 14:48

Instrument :

MSVOA_V

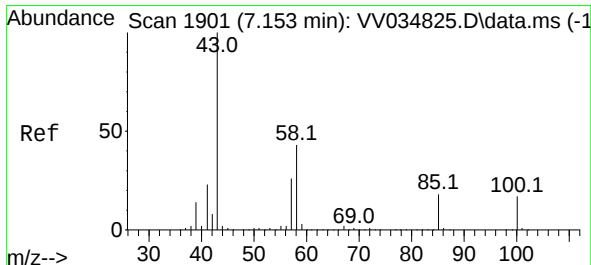
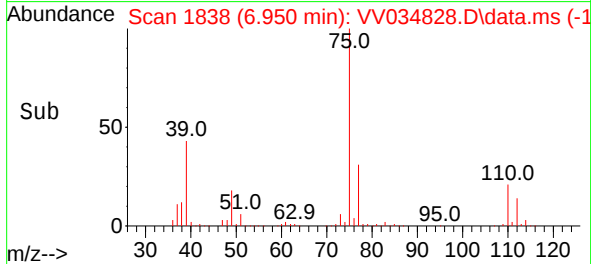
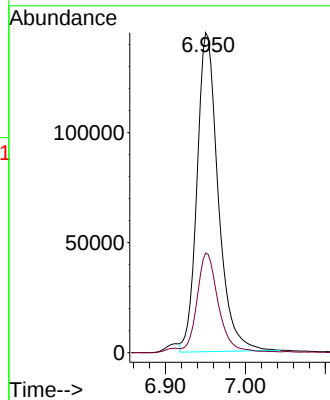
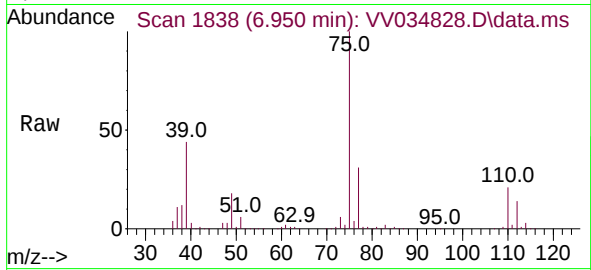
ClientSampleId :

Tgt Ion: 75 Resp: 267082

Ion Ratio Lower Upper

75 100

77 31.1 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 95.439 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV034828.D

Acq: 26 Mar 2024 14:48

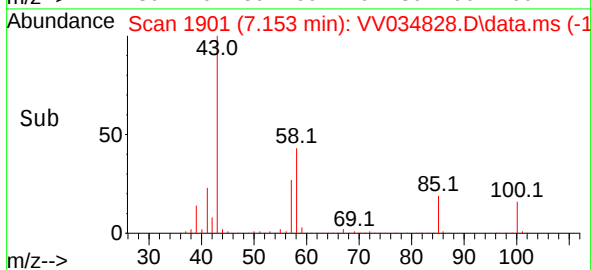
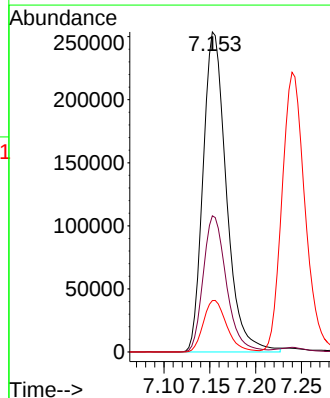
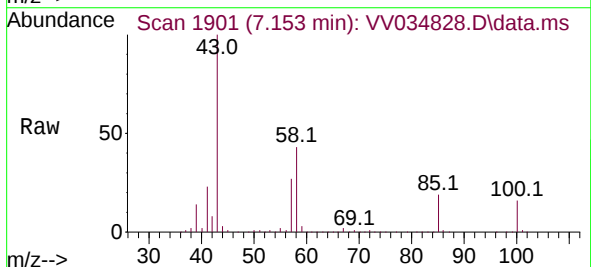
Tgt Ion: 43 Resp: 449220

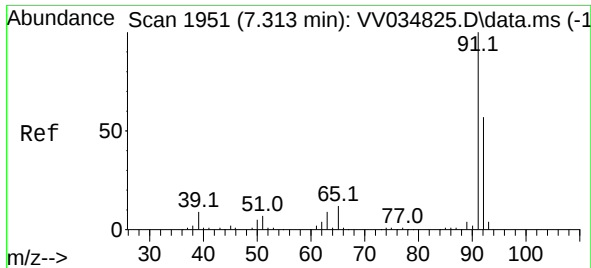
Ion Ratio Lower Upper

43 100

58 42.3 33.8 50.8

100 16.1 13.0 19.4





#42

Toluene

Concen: 46.388 ug/L

RT: 7.314 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV034828.D

Acq: 26 Mar 2024 14:48

Instrument :

MSVOA_V

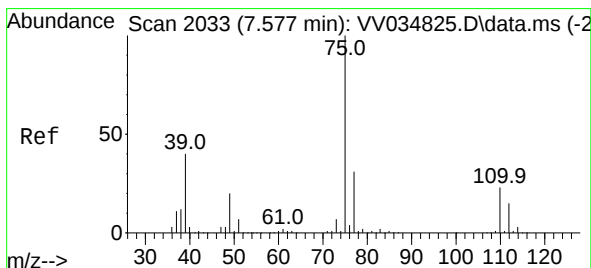
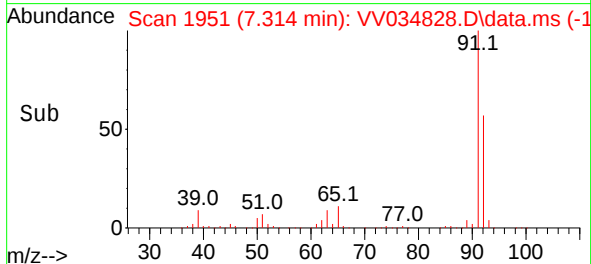
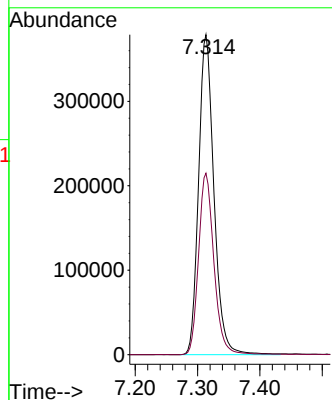
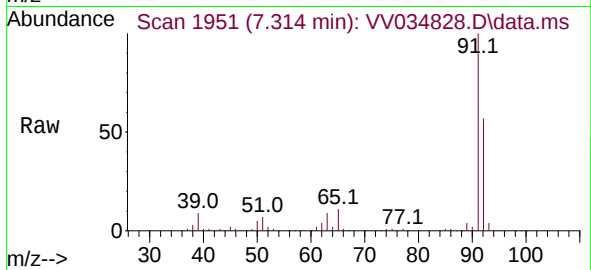
ClientSampleId :

Tgt Ion: 91 Resp: 647864

Ion Ratio Lower Upper

91 100

92 56.7 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 48.506 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV034828.D

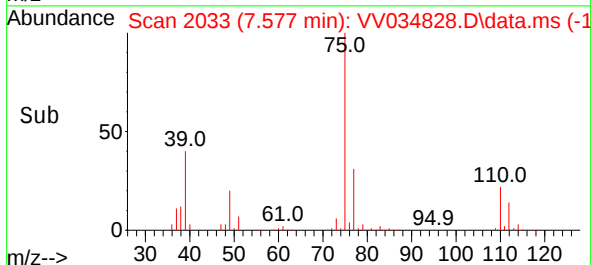
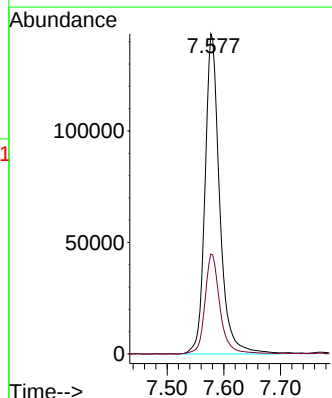
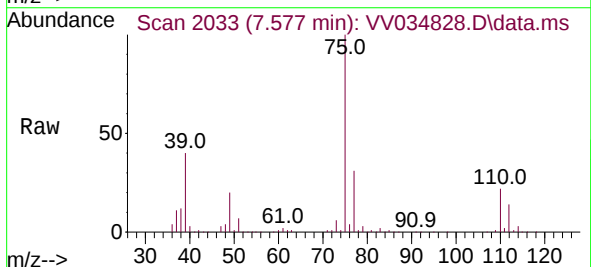
Acq: 26 Mar 2024 14:48

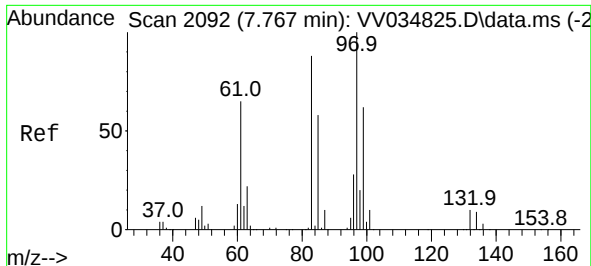
Tgt Ion: 75 Resp: 258801

Ion Ratio Lower Upper

75 100

77 31.2 21.7 40.3



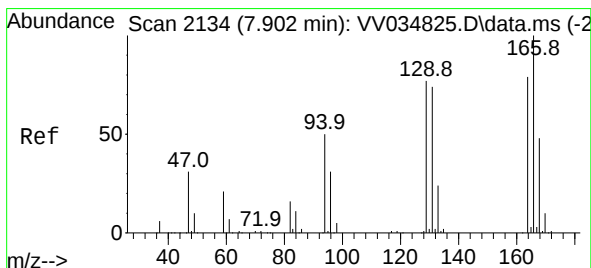
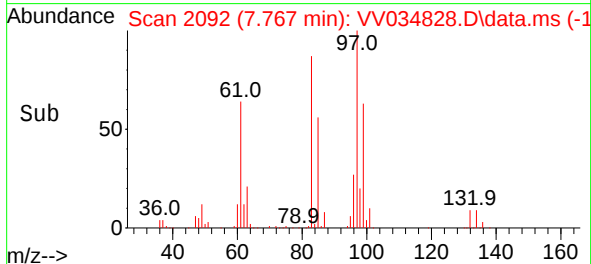
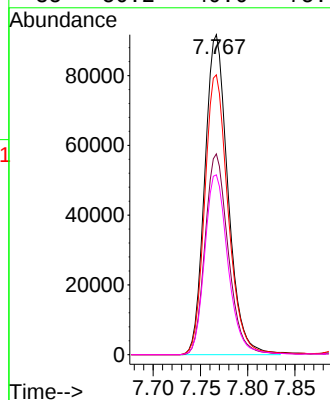
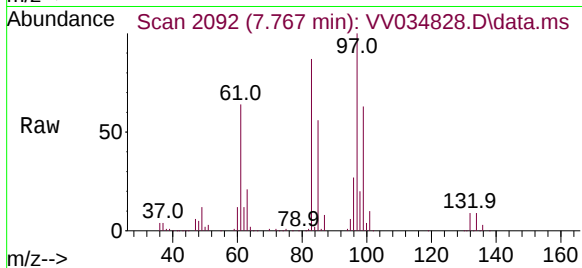


#45
1,1,2-Trichloroethane
Concen: 45.115 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 156763

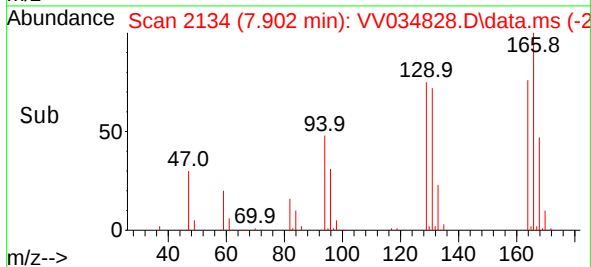
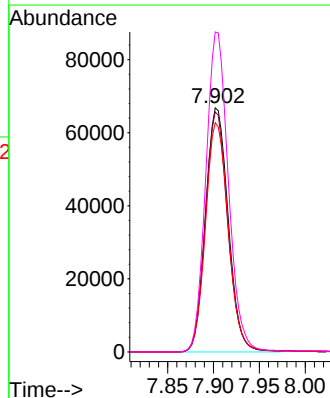
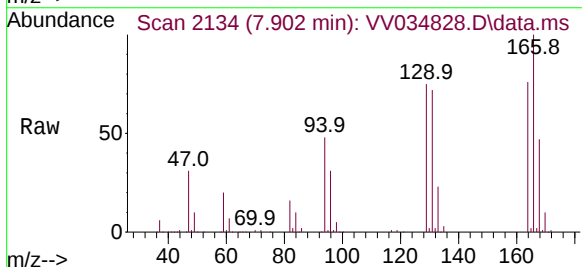
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.3	80.3
83	87.4	61.6	114.4
85	56.2	40.6	75.4

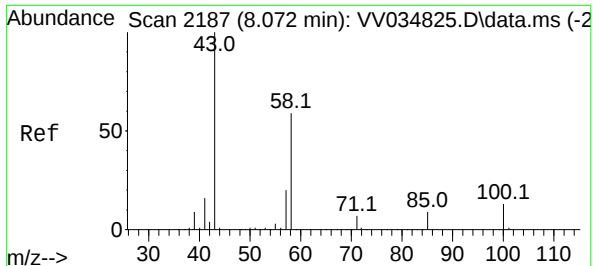


#46
Tetrachloroethene
Concen: 45.838 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

Tgt Ion: 164 Resp: 115294

Ion	Ratio	Lower	Upper
164	100		
129	98.4	68.6	127.4
131	94.0	65.7	122.1
166	131.2	89.0	165.2

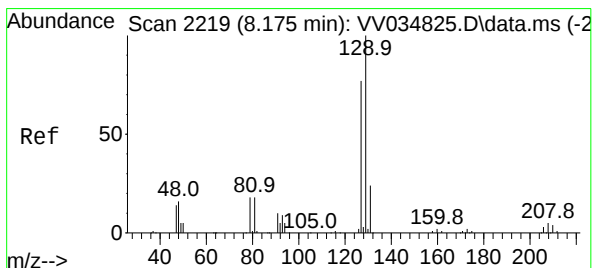
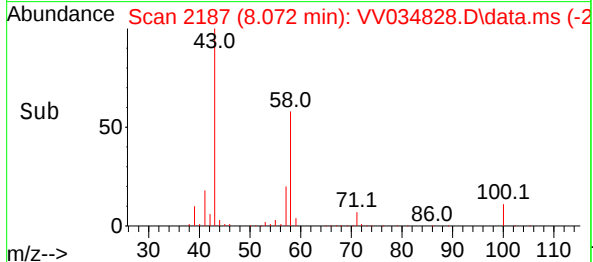
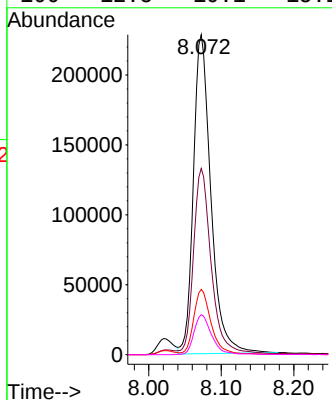
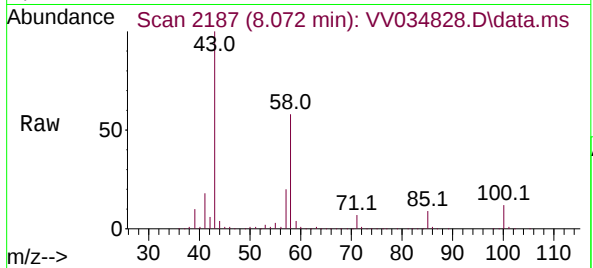




#48
2-Hexanone
Concen: 95.695 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

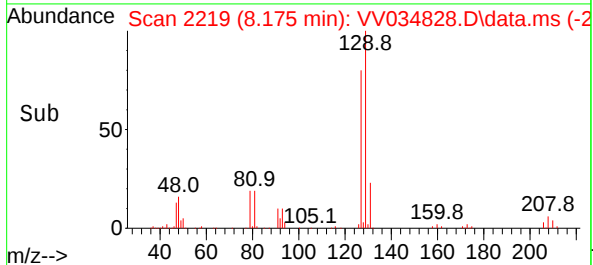
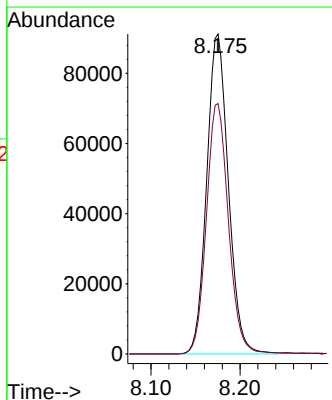
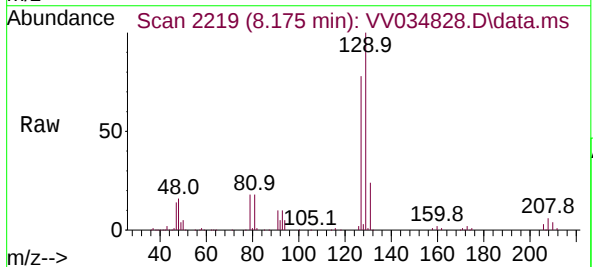
Instrument :
MSVOA_V
ClientSampleId :

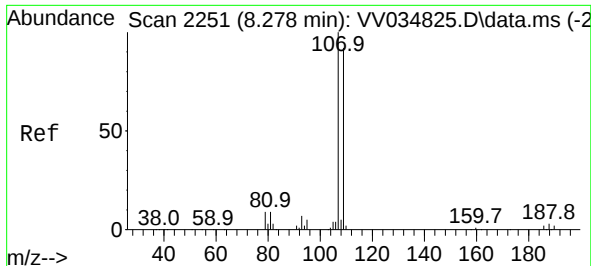
Tgt Ion: 43 Resp: 383091
Ion Ratio Lower Upper
43 100
58 58.5 45.4 68.2
57 19.6 16.2 24.4
100 12.5 10.1 15.1



#49
Dibromochloromethane
Concen: 44.763 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

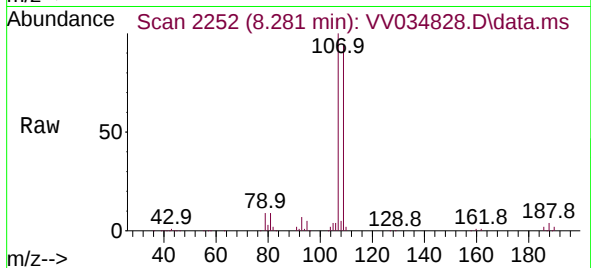
Tgt Ion: 129 Resp: 154051
Ion Ratio Lower Upper
129 100
127 78.3 54.1 100.5



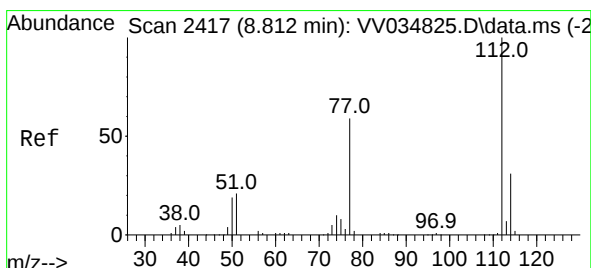
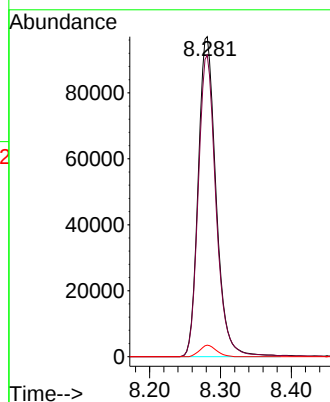
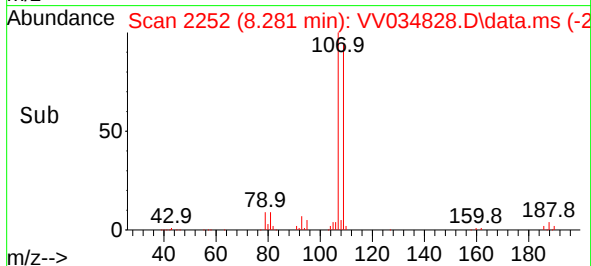


#50
1,2-Dibromoethane
Concen: 45.326 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

Instrument :
MSVOA_V
ClientSampleId :

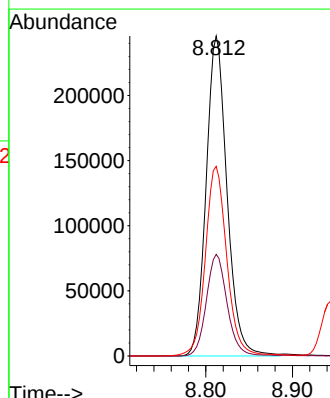
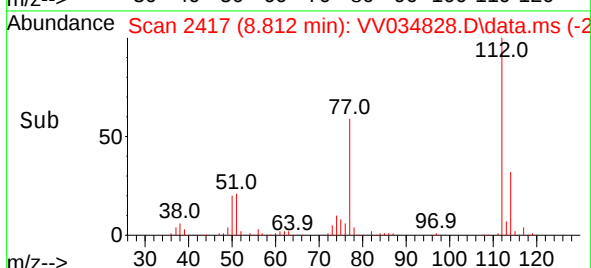
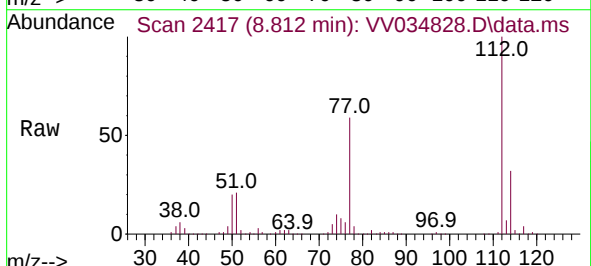


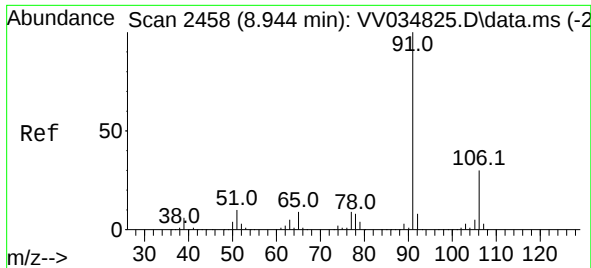
Tgt Ion:107 Resp: 169564
Ion Ratio Lower Upper
107 100
109 94.2 64.5 119.9
188 3.6 2.8 4.2



#51
Chlorobenzene
Concen: 45.424 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

Tgt Ion:112 Resp: 411172
Ion Ratio Lower Upper
112 100
114 31.7 22.0 41.0
77 59.2 47.4 71.2

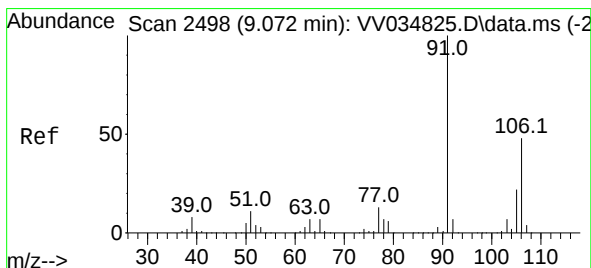
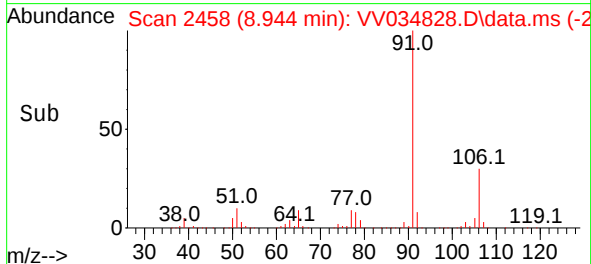
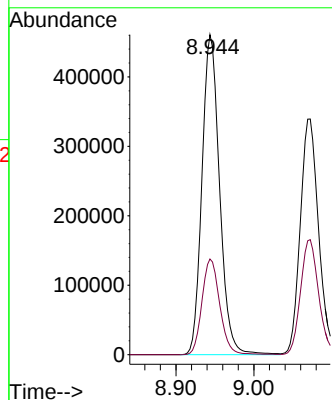
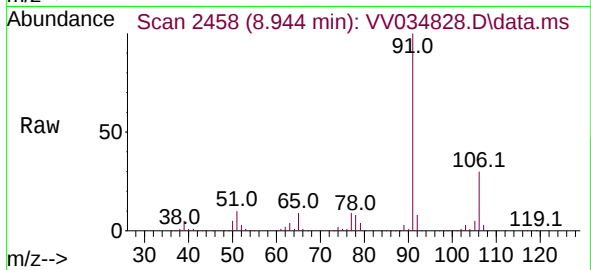




#52
Ethylbenzene
Concen: 46.700 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

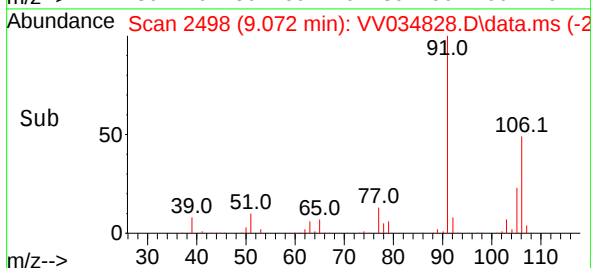
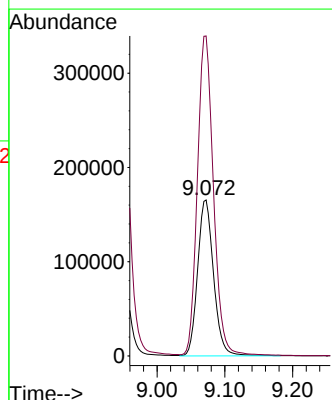
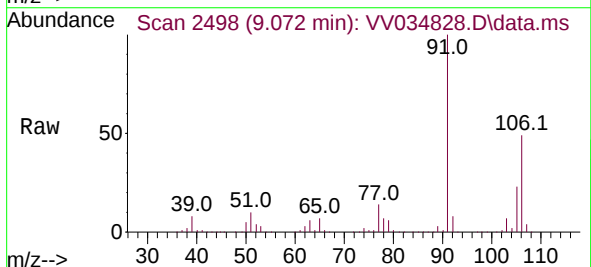
Instrument :
MSVOA_V
ClientSampleId :

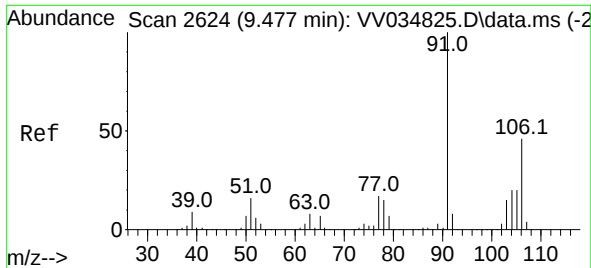
Tgt Ion: 91 Resp: 722844
Ion Ratio Lower Upper
91 100
106 29.9 21.3 39.5



#53
m,p-Xylene
Concen: 47.392 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

Tgt Ion:106 Resp: 270147
Ion Ratio Lower Upper
106 100
91 205.0 144.8 269.0

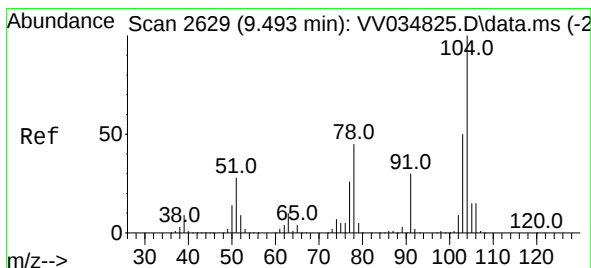
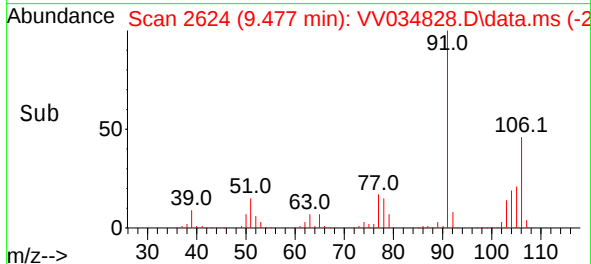
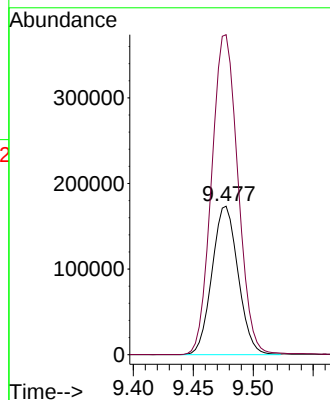
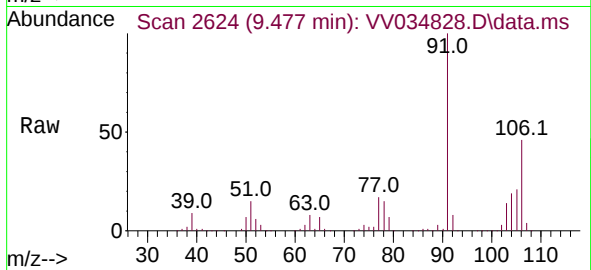




#54
o-Xylene
Concen: 46.554 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

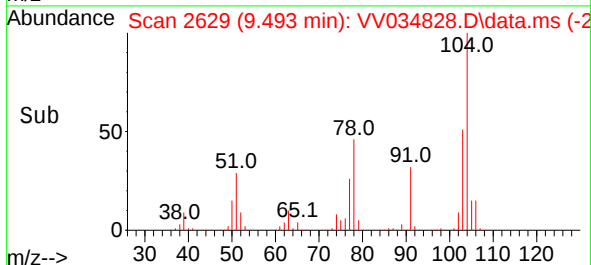
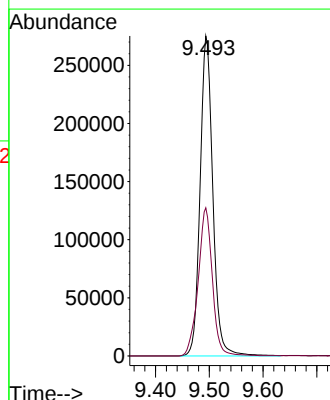
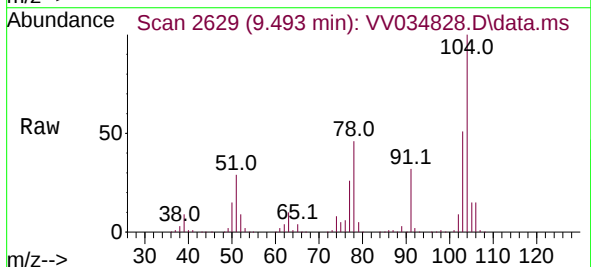
Instrument :
MSVOA_V
ClientSampleId :

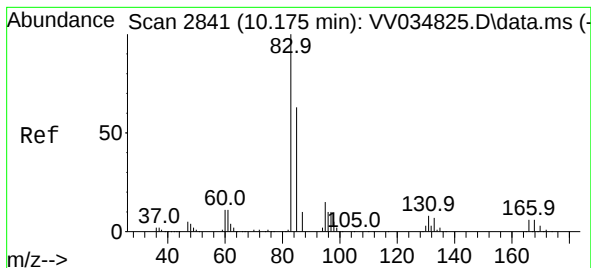
Tgt Ion:106 Resp: 262563
Ion Ratio Lower Upper
106 100
91 215.4 151.3 280.9



#55
Styrene
Concen: 47.524 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

Tgt Ion:104 Resp: 452948
Ion Ratio Lower Upper
104 100
78 46.3 31.5 58.5





#57

1,1,2,2-Tetrachloroethane

Concen: 45.629 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV034828.D

Acq: 26 Mar 2024 14:48

Instrument :

MSVOA_V

ClientSampleId :

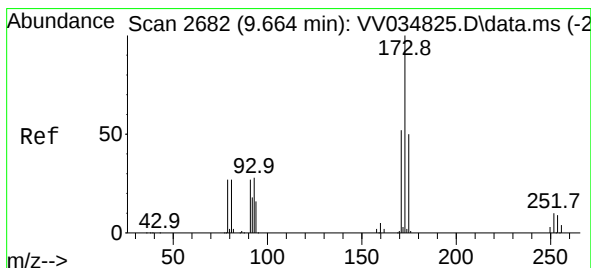
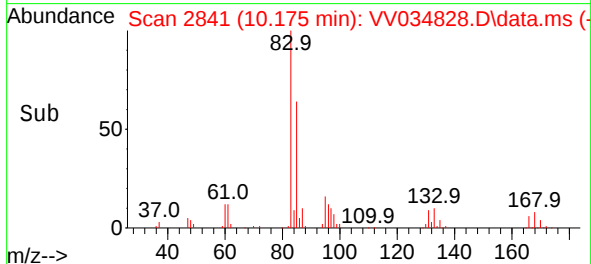
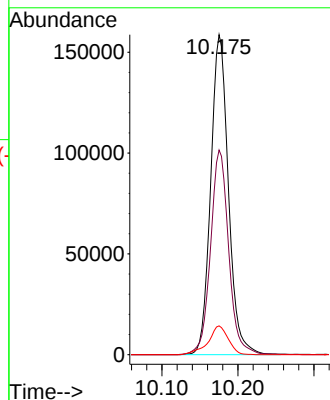
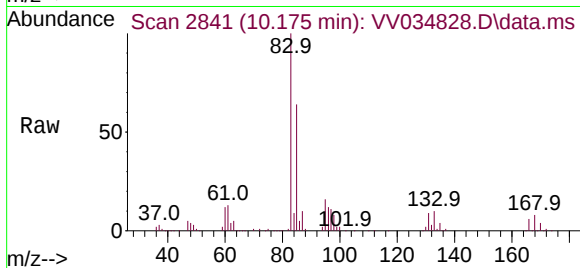
Tgt Ion: 83 Resp: 256887

Ion Ratio Lower Upper

83 100

85 64.0 44.5 82.7

131 9.0 6.9 10.3



#59

Bromoform

Concen: 45.067 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.000 min

Lab File: VV034828.D

Acq: 26 Mar 2024 14:48

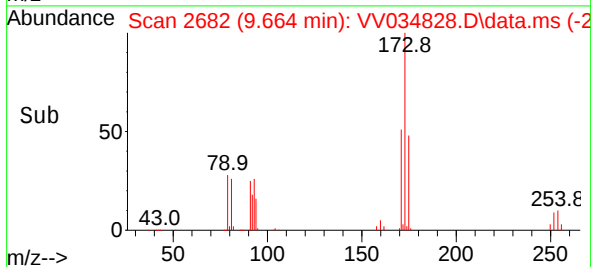
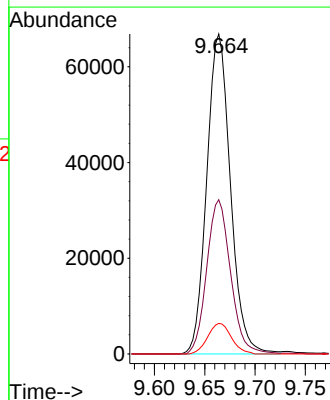
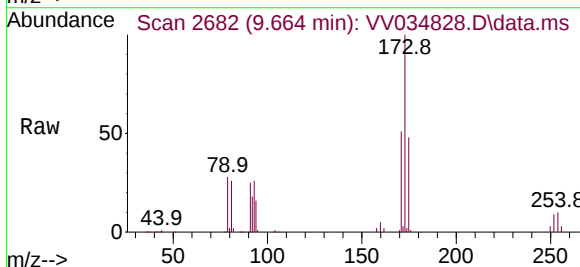
Tgt Ion: 173 Resp: 109540

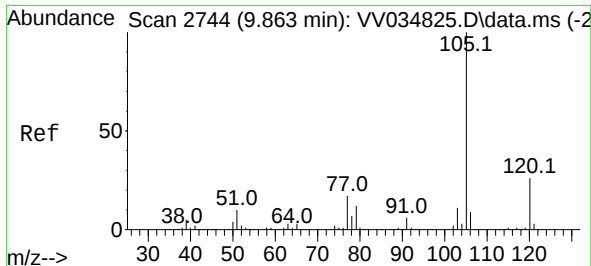
Ion Ratio Lower Upper

173 100

175 48.5 39.3 58.9

254 9.5 7.5 11.3

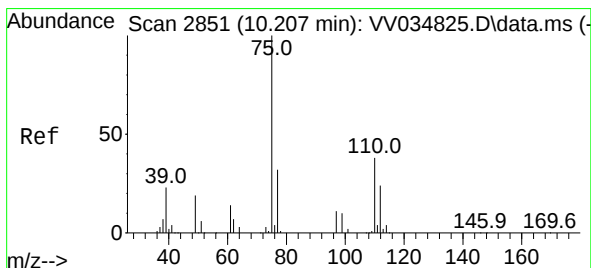
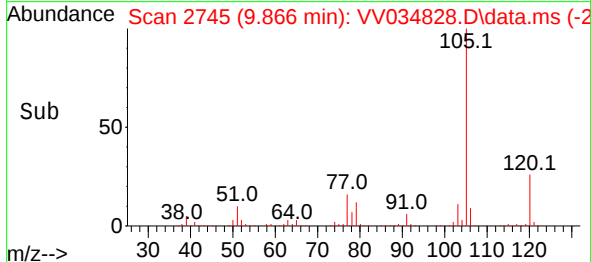
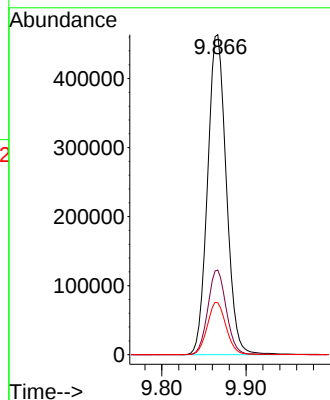
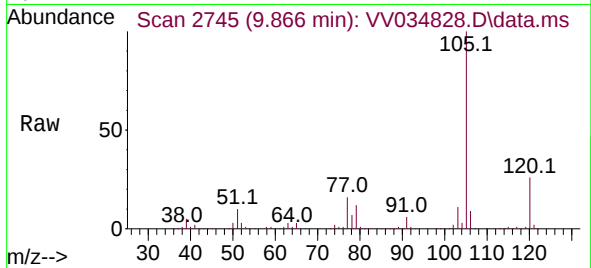




#60
Isopropylbenzene
Concen: 46.829 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

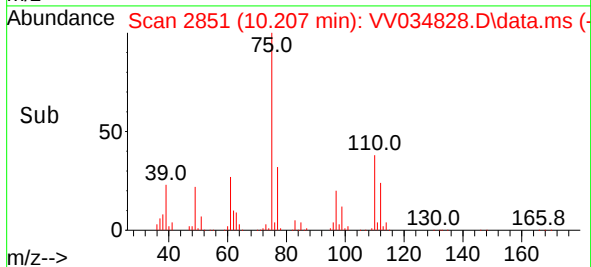
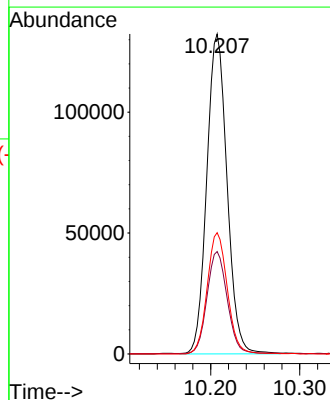
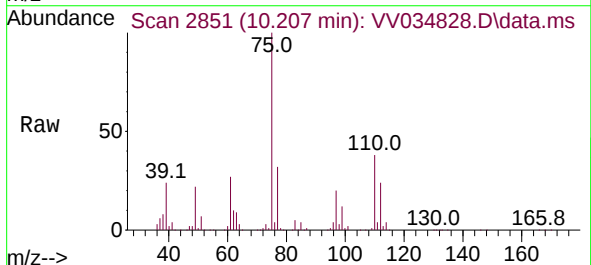
Instrument :
MSVOA_V
ClientSampleId :

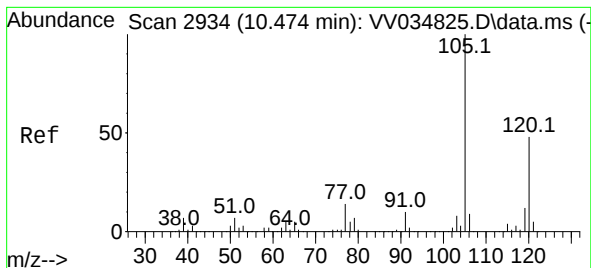
Tgt Ion:105 Resp: 716041
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.6
77 16.3 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 45.420 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

Tgt Ion: 75 Resp: 208754
Ion Ratio Lower Upper
75 100
77 31.8 26.0 39.0
110 37.6 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 48.116 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034828.D

Acq: 26 Mar 2024 14:48

Instrument :

MSVOA_V

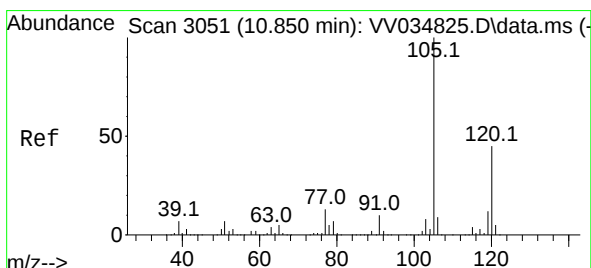
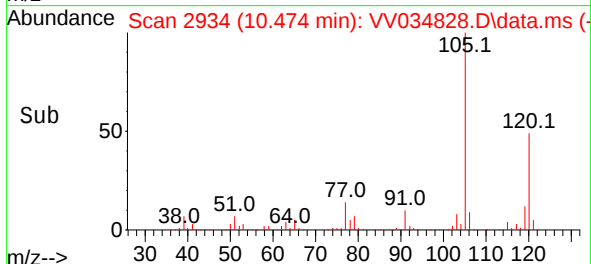
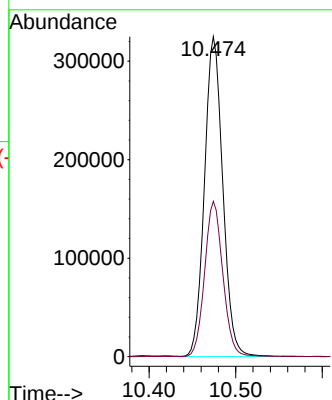
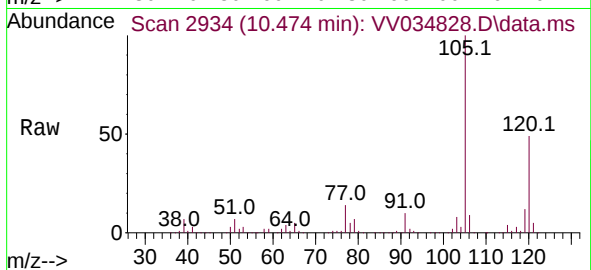
ClientSampleId :

Tgt Ion:105 Resp: 477815

Ion Ratio Lower Upper

105 100

120 48.3 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 48.161 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034828.D

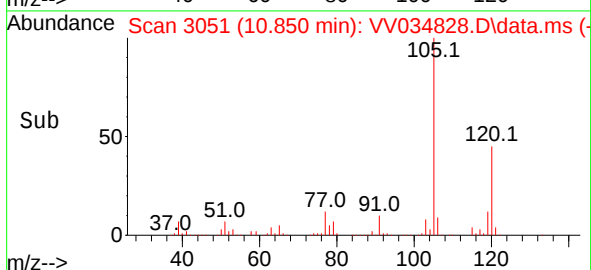
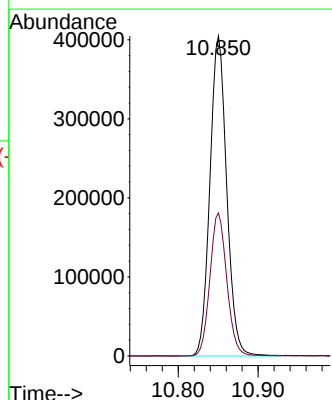
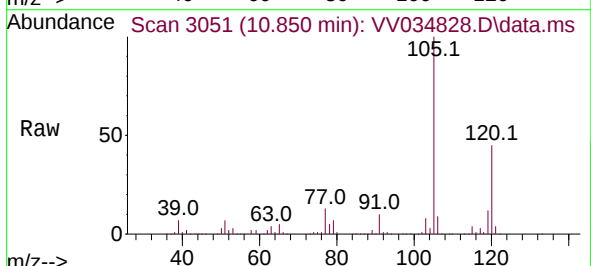
Acq: 26 Mar 2024 14:48

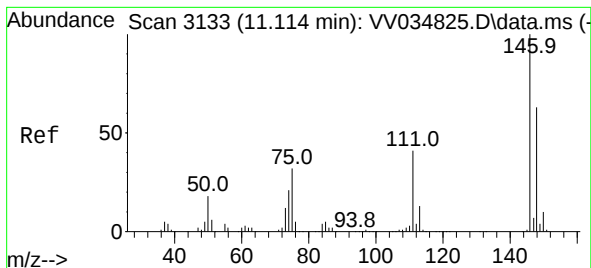
Tgt Ion:105 Resp: 591315

Ion Ratio Lower Upper

105 100

120 44.9 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 45.727 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV034828.D

Acq: 26 Mar 2024 14:48

Instrument :

MSVOA_V

ClientSampleId :

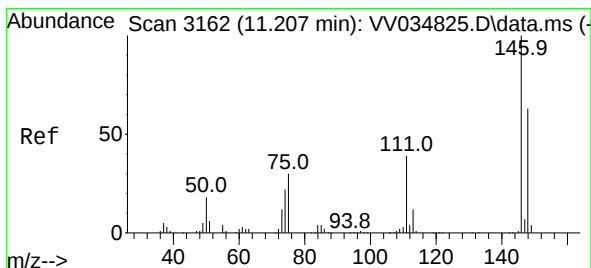
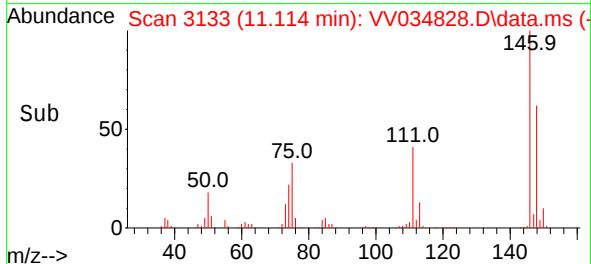
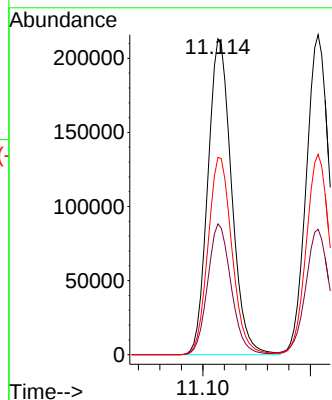
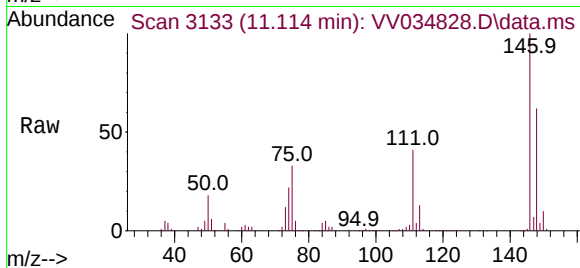
Tgt Ion:146 Resp: 326745

Ion Ratio Lower Upper

146 100

111 41.4 28.7 53.3

148 62.5 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 45.989 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV034828.D

Acq: 26 Mar 2024 14:48

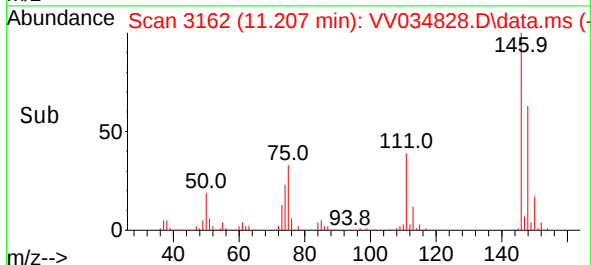
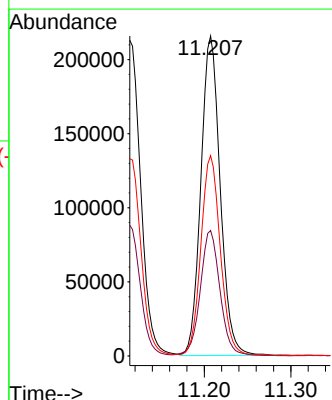
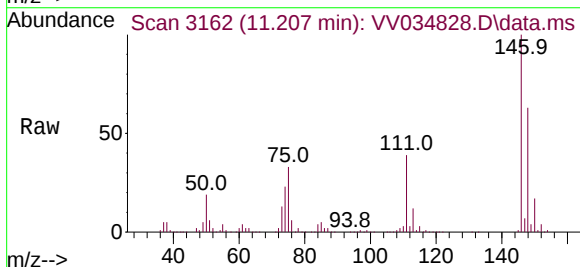
Tgt Ion:146 Resp: 334181

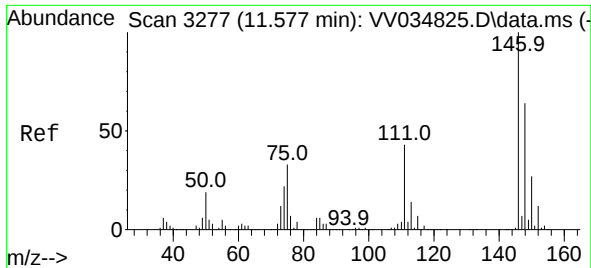
Ion Ratio Lower Upper

146 100

111 39.2 27.4 50.8

148 62.6 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 45.331 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV034828.D

Acq: 26 Mar 2024 14:48

Instrument :

MSVOA_V

ClientSampleId :

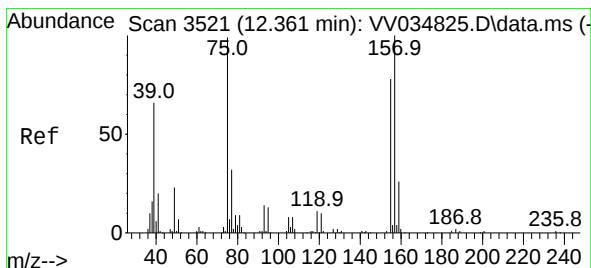
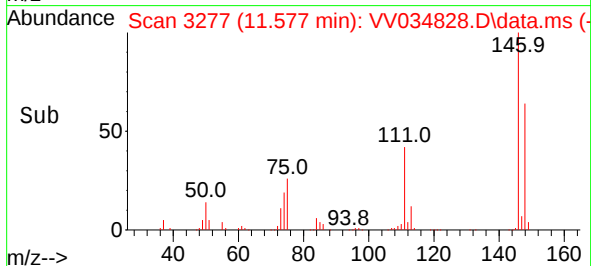
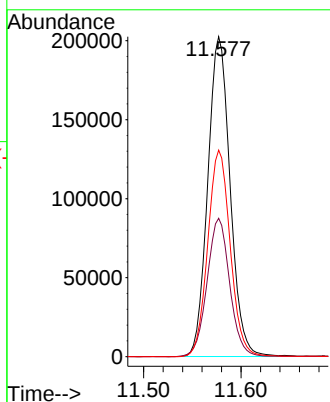
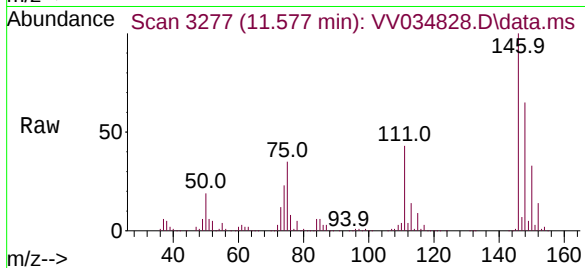
Tgt Ion:146 Resp: 322682

Ion Ratio Lower Upper

146 100

111 43.3 34.6 52.0

148 64.5 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 47.638 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV034828.D

Acq: 26 Mar 2024 14:48

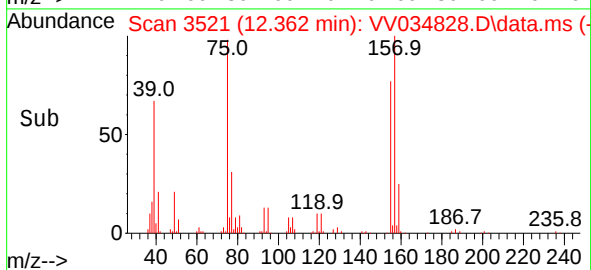
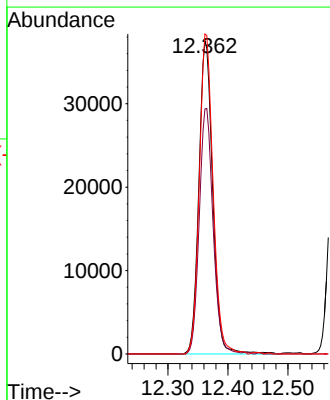
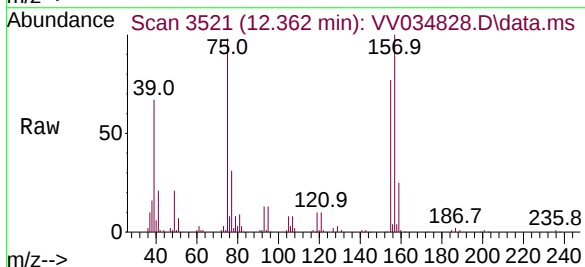
Tgt Ion: 75 Resp: 60320

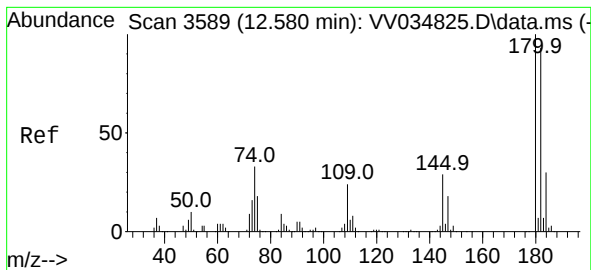
Ion Ratio Lower Upper

75 100

155 78.2 63.0 94.6

157 102.2 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 47.016 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

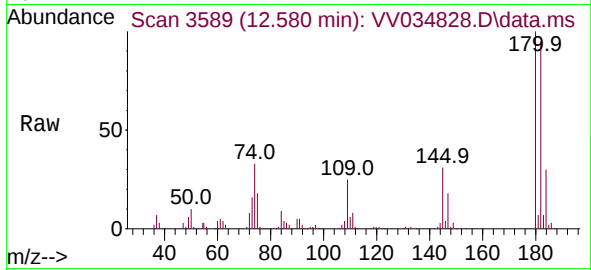
Lab File: VV034828.D

Acq: 26 Mar 2024 14:48

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 242124

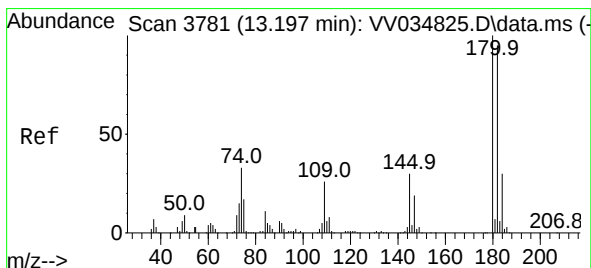
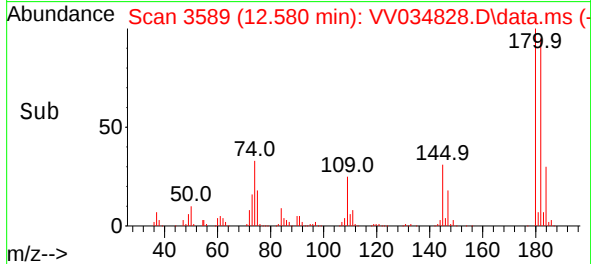
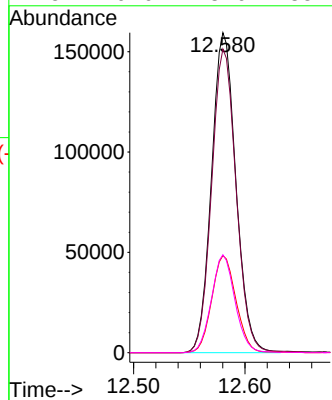
Ion Ratio Lower Upper

180 100

182 95.2 74.7 112.1

184 30.2 24.0 36.0

145 29.6 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 48.940 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034828.D

Acq: 26 Mar 2024 14:48

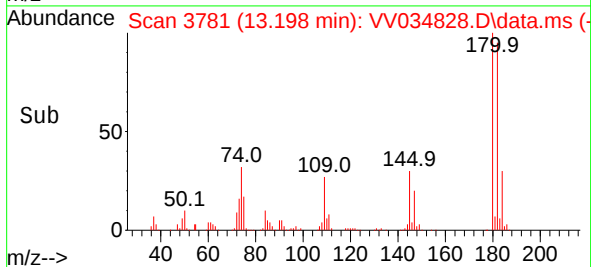
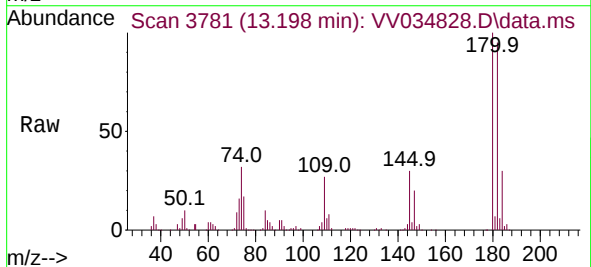
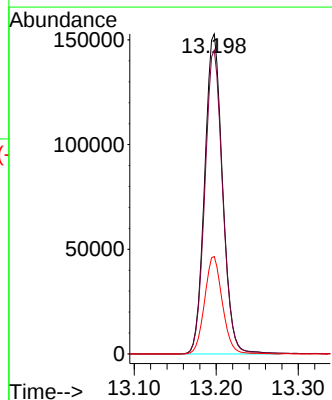
Tgt Ion:180 Resp: 231512

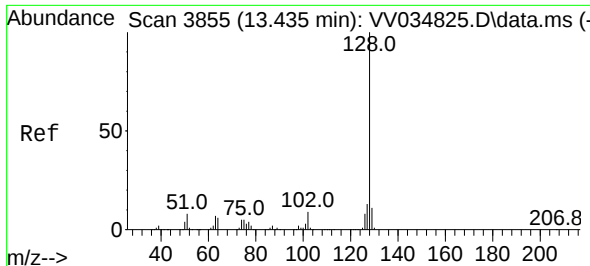
Ion Ratio Lower Upper

180 100

182 94.2 75.6 113.4

145 30.1 24.1 36.1

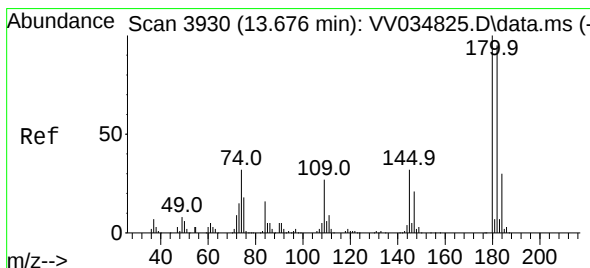
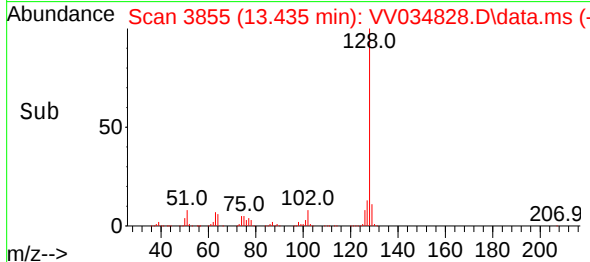
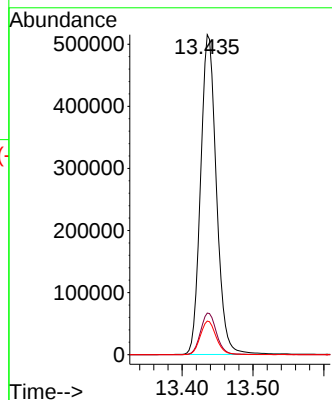
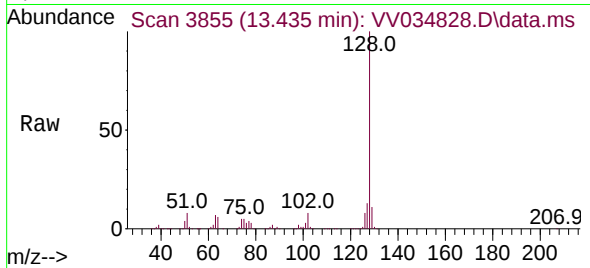




#71
Naphthalene
Concen: 60.760 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 797436
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.6 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 50.019 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV034828.D
Acq: 26 Mar 2024 14:48

Tgt Ion:180 Resp: 233238
Ion Ratio Lower Upper
180 100
182 95.6 76.2 114.2
145 32.0 25.8 38.6

