

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102723\
 Data File : VW032730.D
 Acq On : 28 Oct 2023 10:17
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 30 01:16:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 28 02:08:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	147640	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	167431	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	88808	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	54889	4.527	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.532	69	50021	4.854	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.060	65	24016	4.413	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	3.809	46	116785	44.601	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.200%
24) Chloroform-d	4.253	84	103636	5.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	4.947	65	51414	5.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	4.963	84	199101	4.994	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	5.992	67	56455	4.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.246	98	205882	5.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	7.558	79	23025	4.520	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.031	63	101165	50.115	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.240%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	49188	4.792	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	69693	4.806	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	71293	4.704	ug/L	99
3) Chloromethane	1.217	50	81186	4.541	ug/L	96
5) Vinyl chloride	1.282	62	81837	4.613	ug/L	99
6) Bromomethane	1.491	94	47843	4.621	ug/L	98
8) Chloroethane	1.552	64	55304	4.766	ug/L	98
9) Trichlorofluoromethane	1.716	101	117745	4.930	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	66279	4.705	ug/L	99
12) 1,1-Dichloroethene	2.069	96	62522	4.738	ug/L	98
13) Acetone	2.137	43	105538	40.828	ug/L	88
14) Carbon disulfide	2.243	76	197271	4.719	ug/L	100
15) Methyl Acetate	2.384	43	22368	4.321	ug/L	97
16) Methylene chloride	2.449	84	76423	4.705	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	142332	4.996	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	66108	5.066	ug/L	95
19) 1,1-Dichloroethane	3.114	63	116510	5.036	ug/L	96
21) 2-Butanone	3.886	43	162352	47.507	ug/L	96
22) cis-1,2-Dichloroethene	3.818	96	69002	5.216	ug/L	94
23) Bromochloromethane	4.153	128	31371	5.098	ug/L	98
25) Chloroform	4.281	83	128798	5.121	ug/L	97

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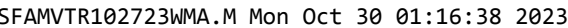
Instrument :
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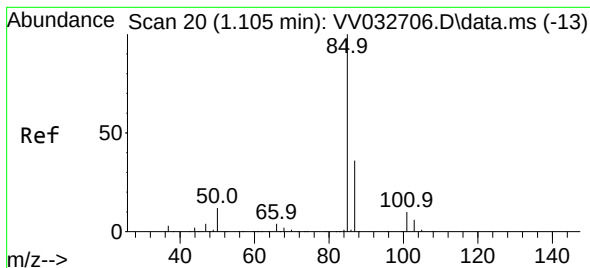
Quant Time: Oct 30 01:16:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	77611	4.965	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	106596	4.936	ug/L	99
30) Cyclohexane	4.587	56	87409	4.802	ug/L	97
31) Carbon tetrachloride	4.738	117	92953	4.947	ug/L	99
33) Benzene	5.011	78	269034	5.098	ug/L	100
34) Trichloroethene	5.834	95	71127	5.045	ug/L	99
35) Methylcyclohexane	6.053	83	99153	4.706	ug/L	100
37) 1,2-Dichloropropane	6.095	63	60123	4.721	ug/L	99
38) Bromodichloromethane	6.436	83	100684	5.351	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	92387	4.765	ug/L	93
40) 4-Methyl-2-pentanone	7.159	43	428604	52.161	ug/L	99
42) Toluene	7.317	91	320065	5.220	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	80823	4.844	ug/L	96
45) 1,1,2-Trichloroethane	7.770	97	53306	4.956	ug/L	98
47) Tetrachloroethene	7.908	164	61726	4.954	ug/L	97
48) 2-Hexanone	8.079	43	307998	51.248	ug/L	99
49) Dibromochloromethane	8.178	129	64814	5.080	ug/L	99
50) 1,2-Dibromoethane	8.285	107	50901	5.071	ug/L	96
51) Chlorobenzene	8.815	112	207319	5.118	ug/L	100
52) Ethylbenzene	8.950	91	334454	5.189	ug/L	99
53) m,p-Xylene	9.075	106	126767	5.194	ug/L	95
54) o-Xylene	9.481	106	126014	5.323	ug/L	100
55) Styrene	9.500	104	212675	5.422	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.182	83	61762	4.923	ug/L	98
59) Bromoform	9.667	173	34768	4.990	ug/L	99
60) Isopropylbenzene	9.870	105	308948	5.126	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	43196	4.599	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	245333	4.979	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	251238	5.160	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	167119	5.168	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	161765	5.039	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	151428	5.091	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	9741	4.340	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	110793	4.800	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	93313	4.764	ug/L	99
71) Naphthalene	13.442	128	149282	4.809	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	88512	5.139	ug/L	98

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

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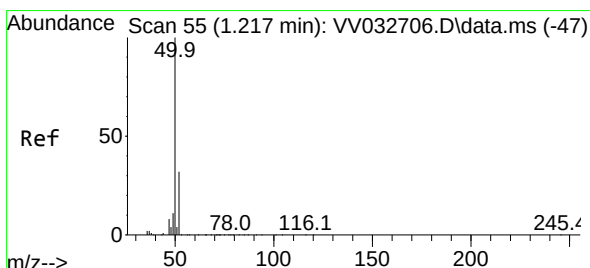
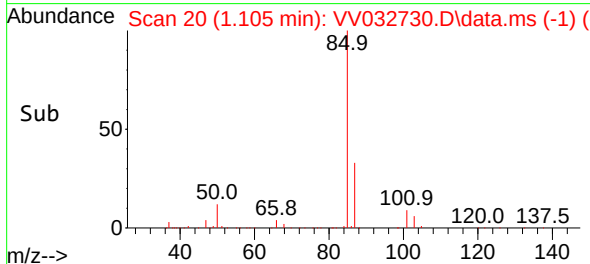
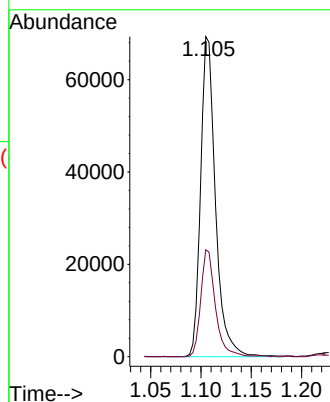
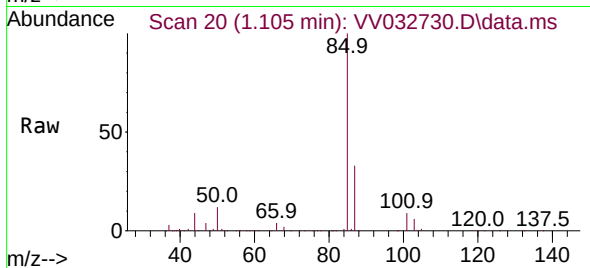




#2
Dichlorodifluoromethane
Concen: 4.704 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

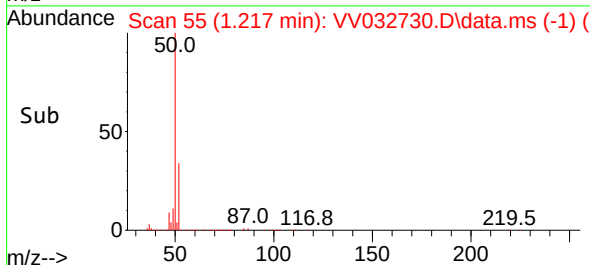
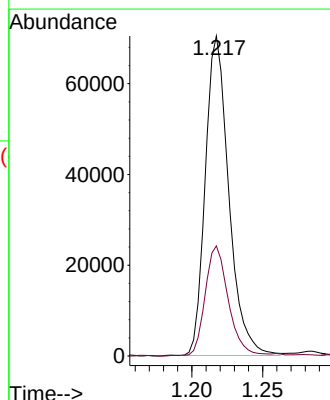
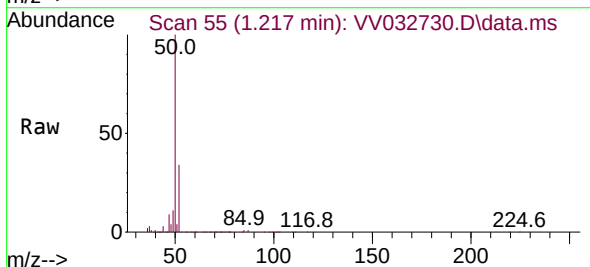
Instrument :
MSVOA_V
ClientSampleId :

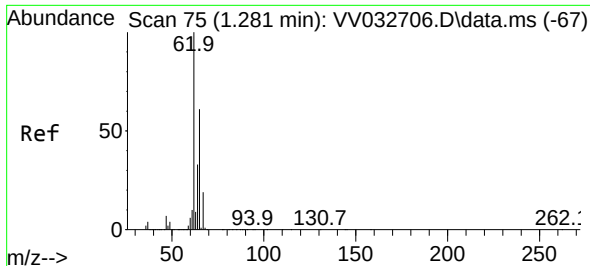
Tgt Ion: 85 Resp: 71293
Ion Ratio Lower Upper
85 100
87 32.9 25.9 38.9



#3
Chloromethane
Concen: 4.541 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

Tgt Ion: 50 Resp: 81186
Ion Ratio Lower Upper
50 100
52 34.4 22.3 41.5





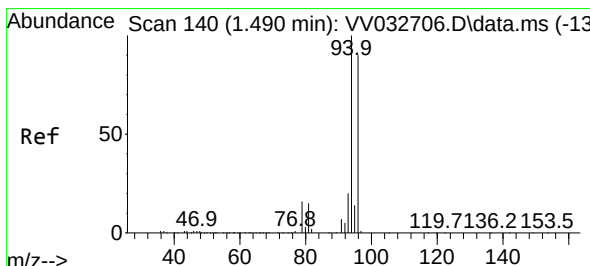
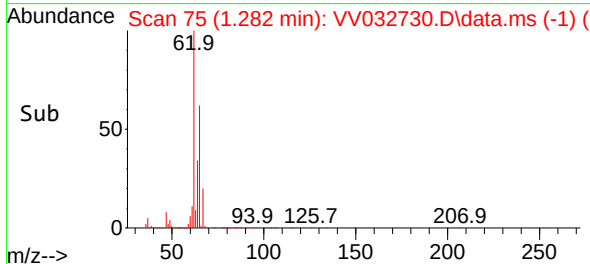
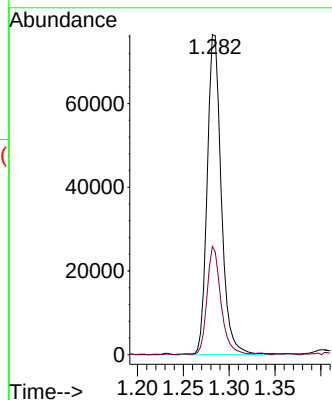
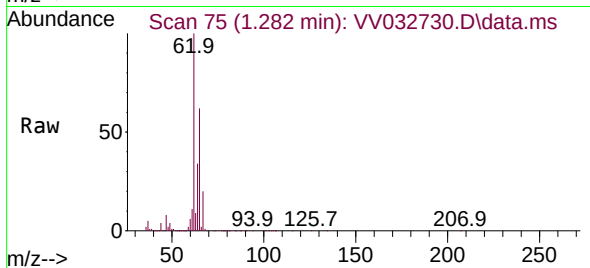
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 Vinyl chloride
 Concen: 4.613 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV032730.D
 Acq: 28 Oct 2023 10:17

Instrument :

MSVOA_V

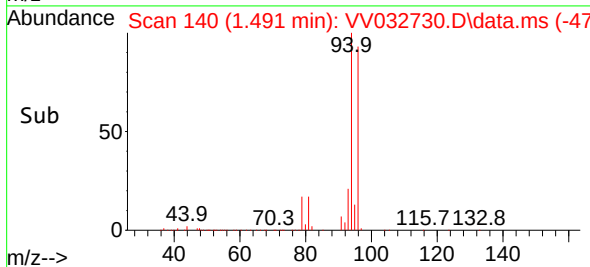
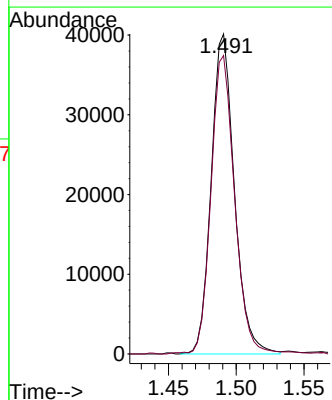
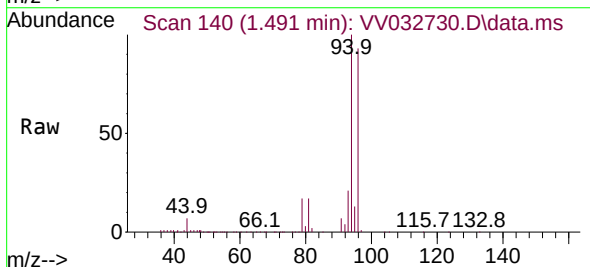
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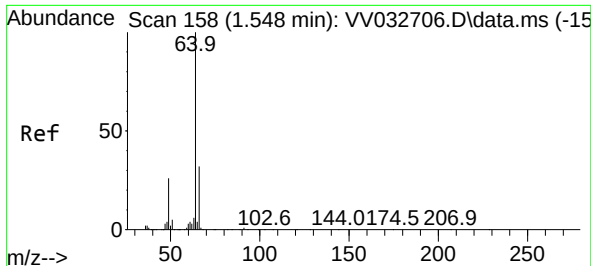
Tgt Ion: 62 Resp: 81837
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.2 43.0



#6
 Bromomethane
 Concen: 4.621 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV032730.D
 Acq: 28 Oct 2023 10:17

Tgt Ion: 94 Resp: 47843
 Ion Ratio Lower Upper
 94 100
 96 93.2 66.4 123.2

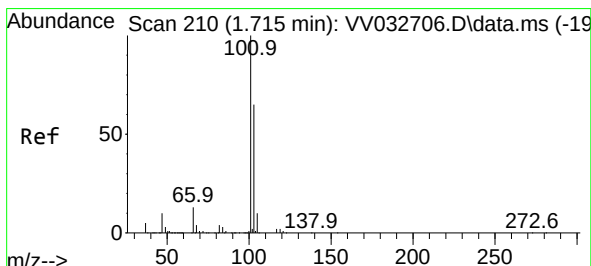
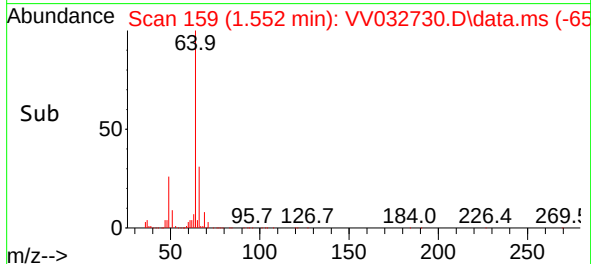
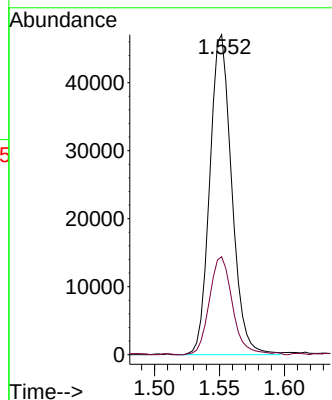
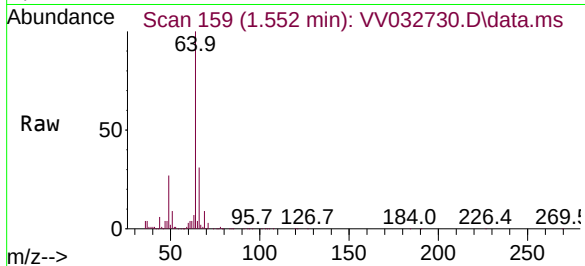




#8
Chloroethane
Concen: 4.766 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

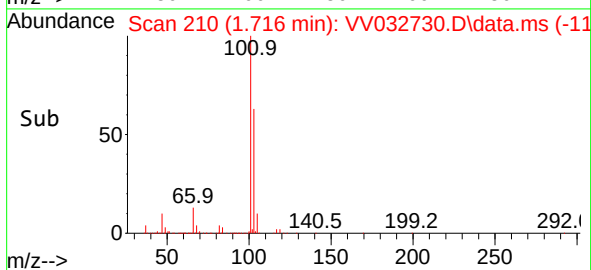
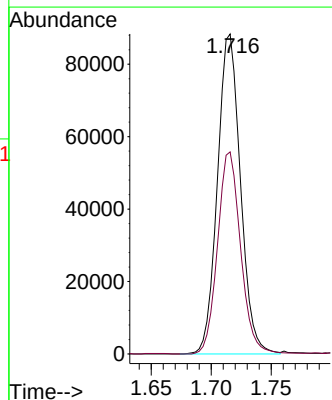
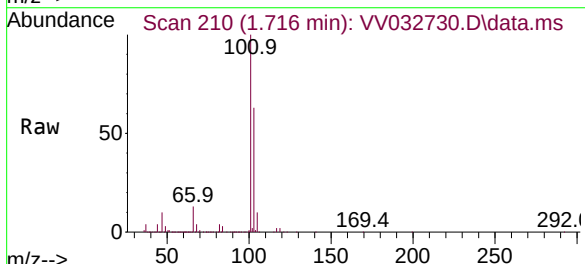
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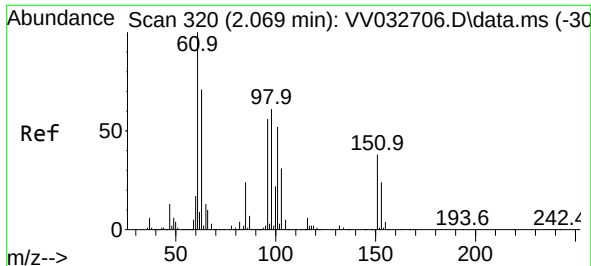
Tgt Ion: 64 Resp: 55304
Ion Ratio Lower Upper
64 100
66 30.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.930 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

Tgt Ion:101 Resp: 117745
Ion Ratio Lower Upper
101 100
103 63.3 52.1 78.1





#10

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

Concen: 4.705 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032730.D

Acq: 28 Oct 2023 10:17

Instrument :

MSVOA_V

ClientSampleId :

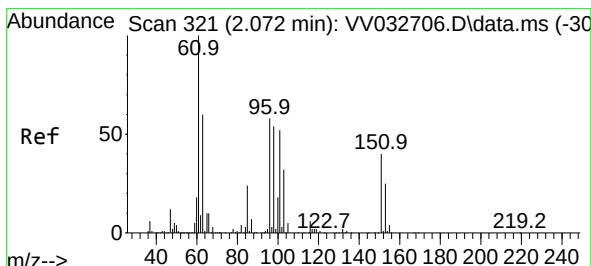
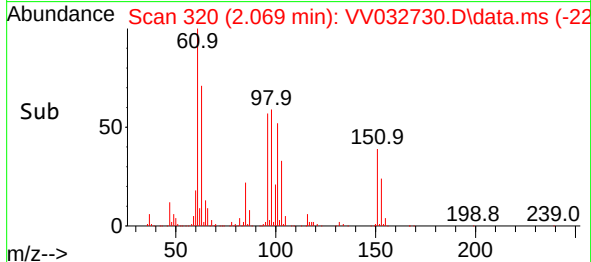
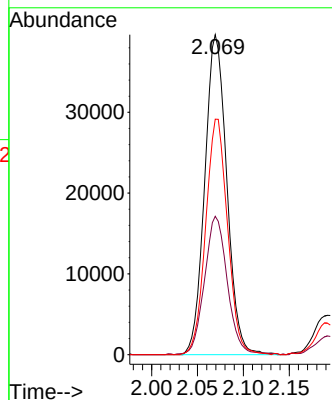
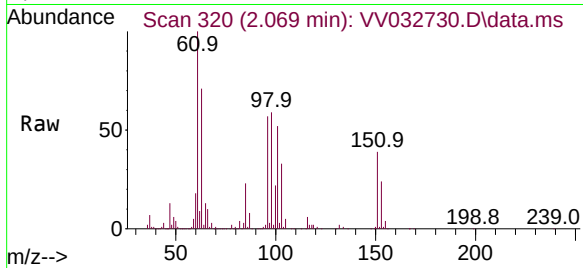
Tgt Ion:101 Resp: 66279

Ion Ratio Lower Upper

101 100

85 44.9 36.2 54.4

151 73.2 59.0 88.6



#12

1,1-Dichloroethene

Concen: 4.738 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.003 min

Lab File: VV032730.D

Acq: 28 Oct 2023 10:17

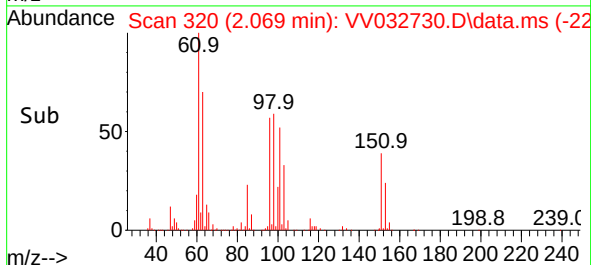
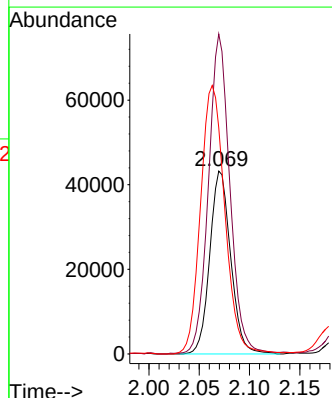
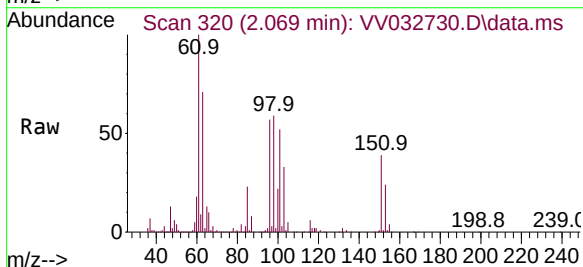
Tgt Ion: 96 Resp: 62522

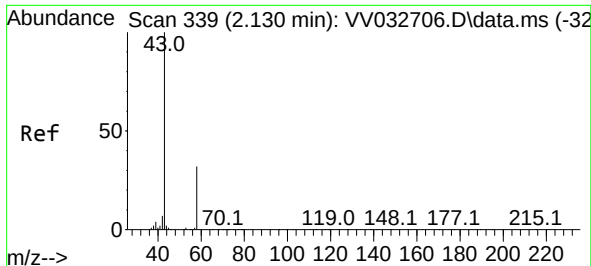
Ion Ratio Lower Upper

96 100

61 175.0 122.3 227.1

63 123.8 89.4 166.0





#13

Acetone

Concen: 40.828 ug/L

RT: 2.137 min Scan# 341

Delta R.T. 0.007 min

Lab File: VV032730.D

Acq: 28 Oct 2023 10:17

Instrument :

MSVOA_V

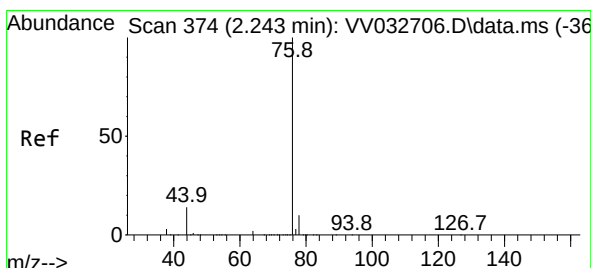
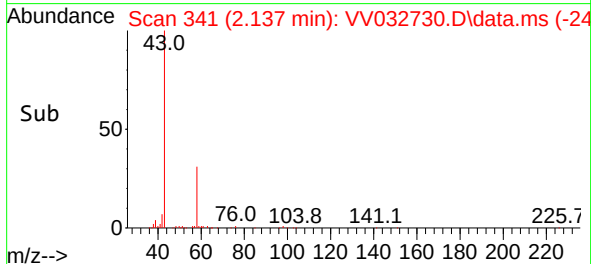
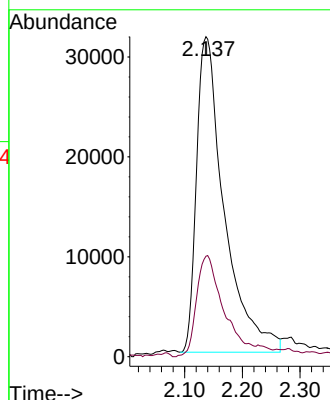
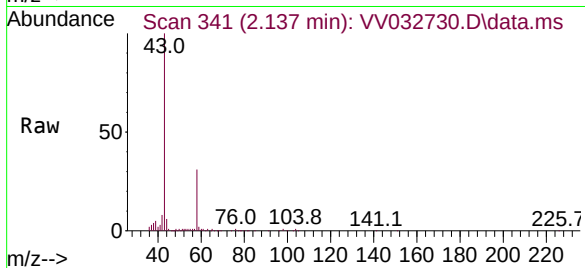
ClientSampleId :

Tgt Ion: 43 Resp: 105538

Ion Ratio Lower Upper

43 100

58 31.4 0.0 50.6



#14

Carbon disulfide

Concen: 4.719 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV032730.D

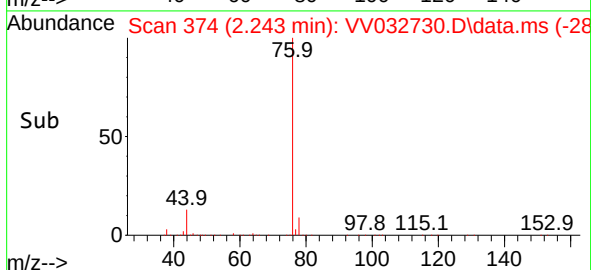
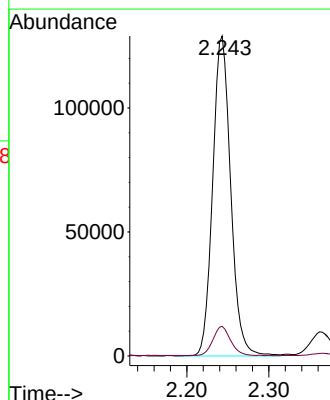
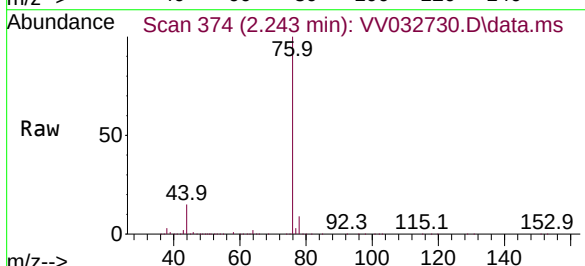
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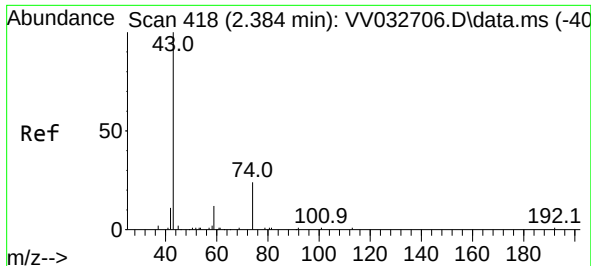
Tgt Ion: 76 Resp: 197271

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

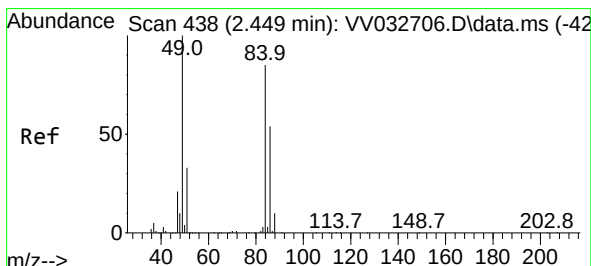
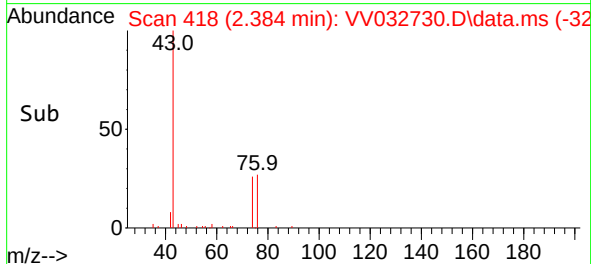
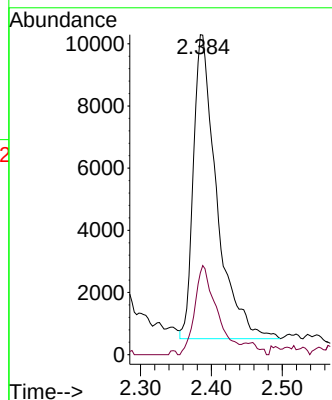
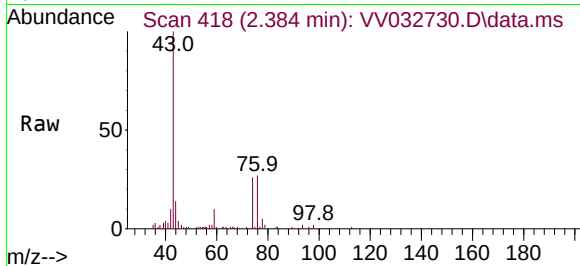




#15
Methyl Acetate
Concen: 4.321 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

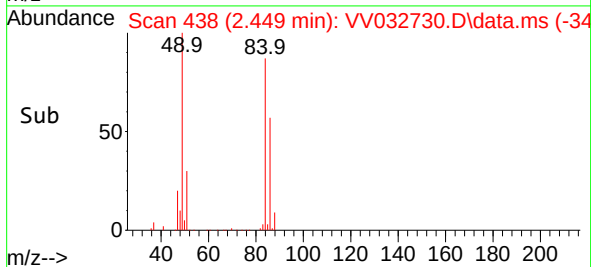
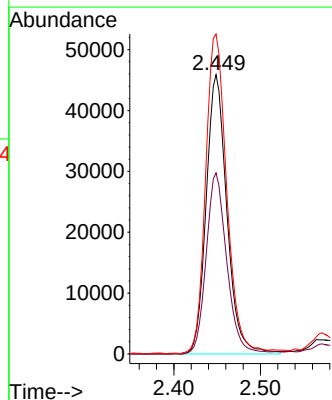
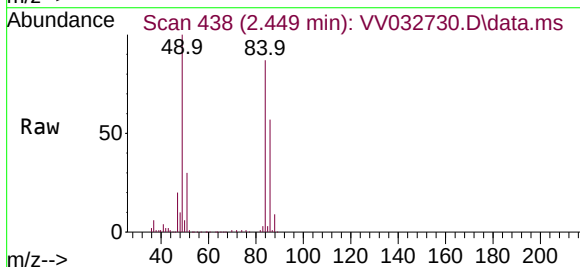
Instrument :
MSVOA_V
ClientSampleId :

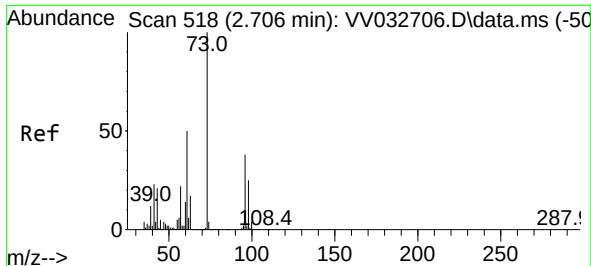
Tgt Ion: 43 Resp: 22368
Ion Ratio Lower Upper
43 100
74 27.5 23.1 34.7



#16
Methylene chloride
Concen: 4.705 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

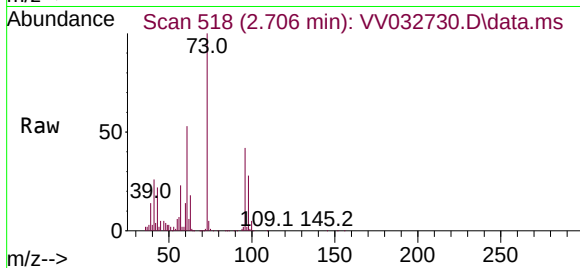
Tgt Ion: 84 Resp: 76423
Ion Ratio Lower Upper
84 100
86 64.9 44.8 83.2
49 114.6 81.1 150.5



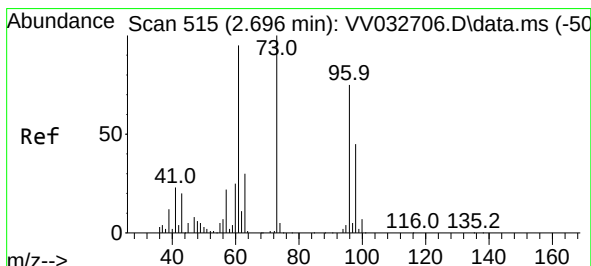
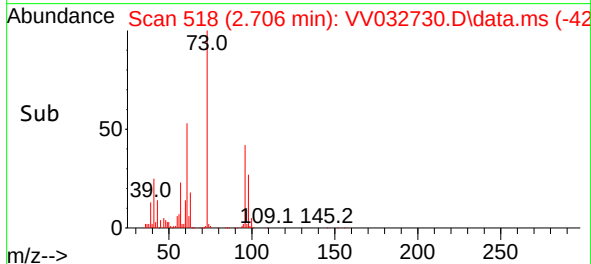
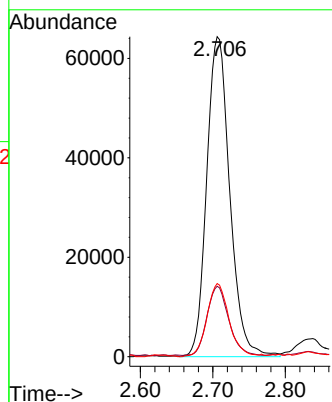


#17
Methyl tert-butyl Ether
Concen: 4.996 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

Instrument :
MSVOA_V
ClientSampleId :

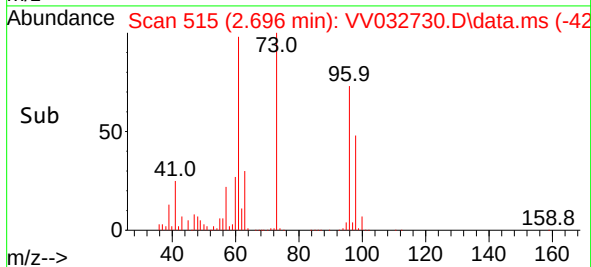
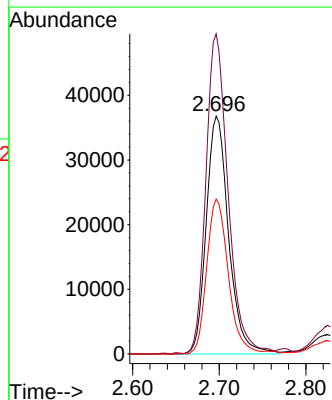
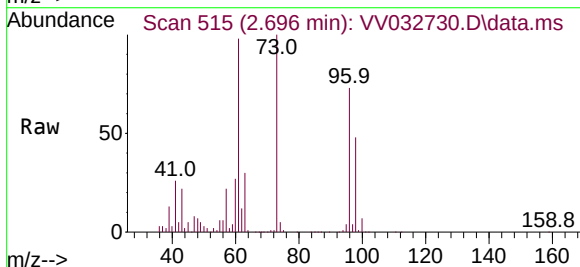


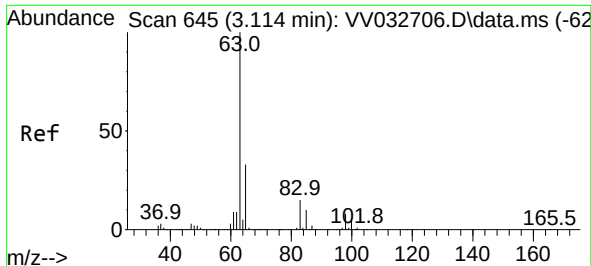
Tgt Ion: 73	Resp: 142332
Ion Ratio	Lower Upper
73 100	
43 20.3	16.6 24.8
57 21.8	18.1 27.1



#18
trans-1,2-Dichloroethene
Concen: 5.066 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

Tgt Ion: 96	Resp: 66108		
Ion Ratio	Lower	Upper	
96	100		
61	134.6	88.7	164.7
98	65.1	44.4	82.4





#19

1,1-Dichloroethane

Concen: 5.036 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.000 min

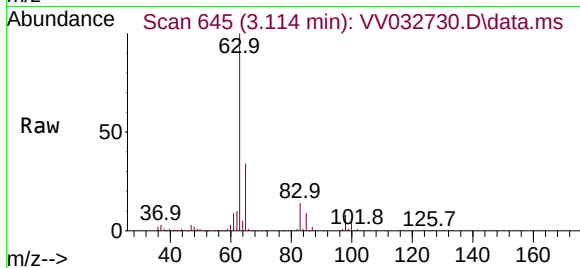
Lab File: VV032730.D

Acq: 28 Oct 2023 10:17

Instrument :

MSVOA_V

ClientSampleId :



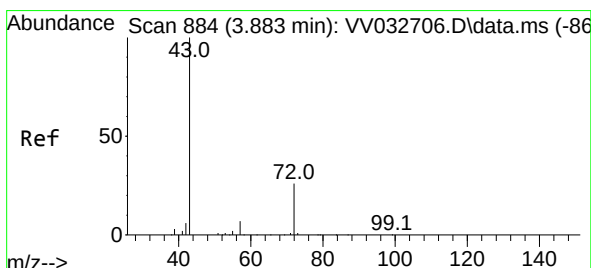
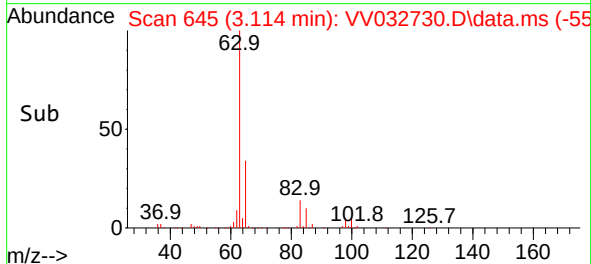
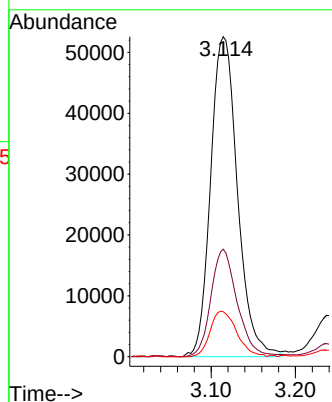
Tgt Ion: 63 Resp: 116510

Ion Ratio Lower Upper

63 100

65 33.6 21.5 39.9

83 14.0 9.2 17.0



#21

2-Butanone

Concen: 47.507 ug/L

RT: 3.886 min Scan# 885

Delta R.T. 0.003 min

Lab File: VV032730.D

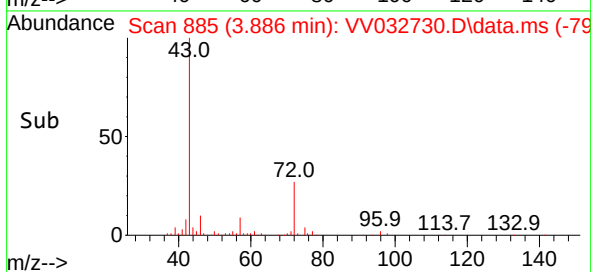
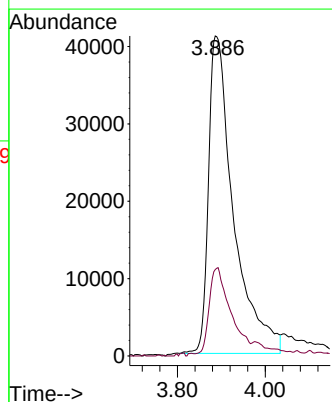
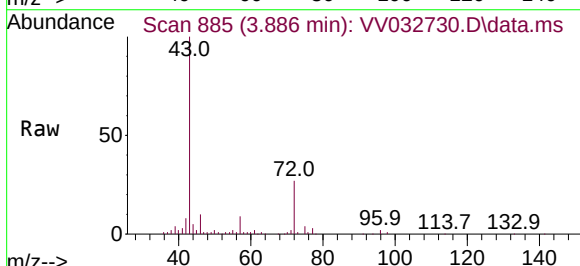
Acq: 28 Oct 2023 10:17

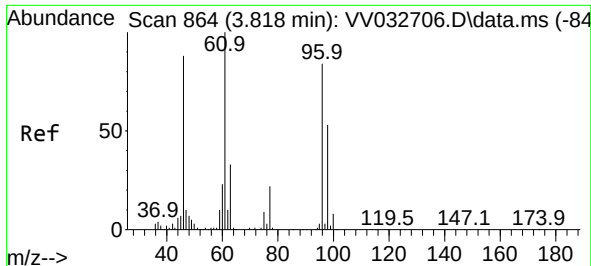
Tgt Ion: 43 Resp: 162352

Ion Ratio Lower Upper

43 100

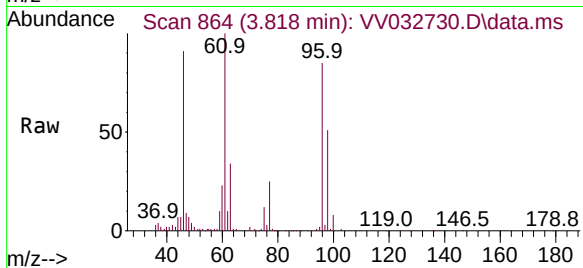
72 22.8 10.4 31.2





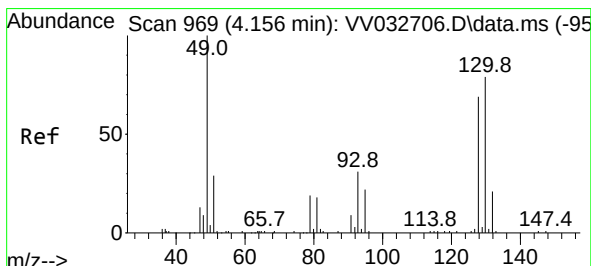
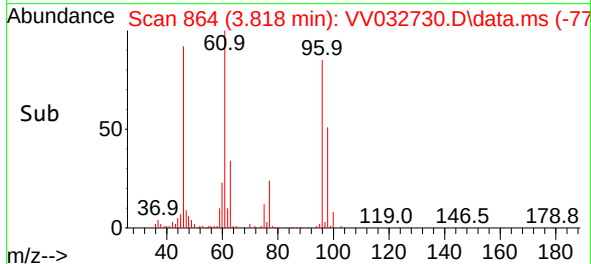
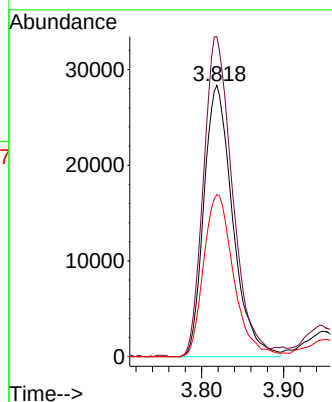
#22
 cis-1,2-Dichloroethene
 Concen: 5.216 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV032730.D
 Acq: 28 Oct 2023 10:17

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 69002

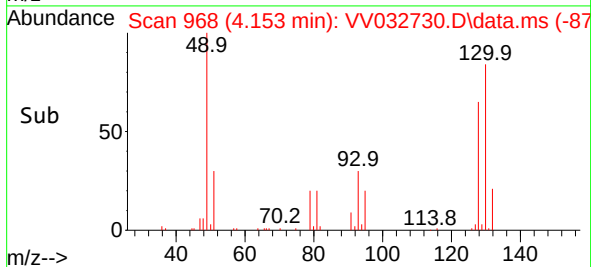
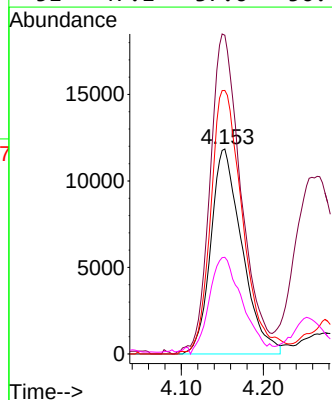
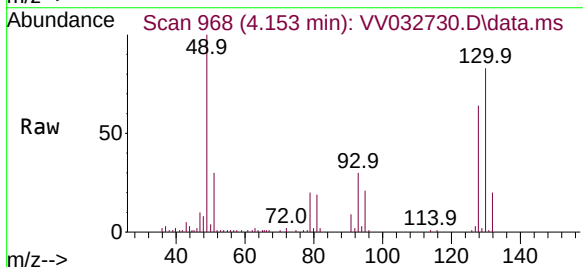
Ion	Ratio	Lower	Upper
96	100		
61	118.0	87.7	162.9
98	59.7	45.0	83.6

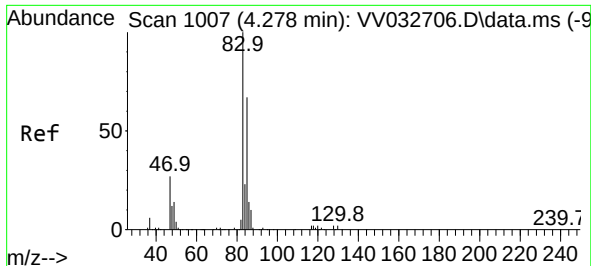


#23
 Bromochloromethane
 Concen: 5.098 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. -0.003 min
 Lab File: VV032730.D
 Acq: 28 Oct 2023 10:17

Tgt Ion: 128 Resp: 31371

Ion	Ratio	Lower	Upper
128	100		
49	155.5	110.4	205.0
130	128.5	86.8	161.2
51	47.1	37.6	56.4

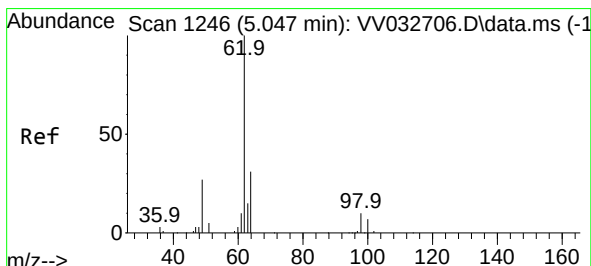
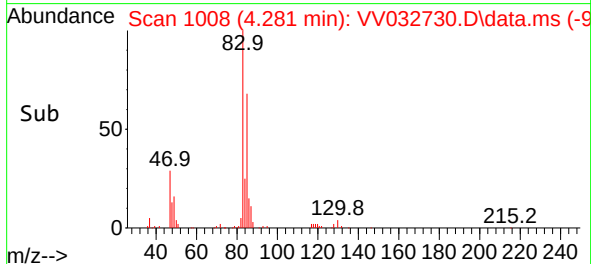
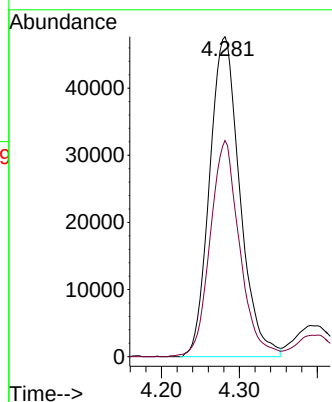
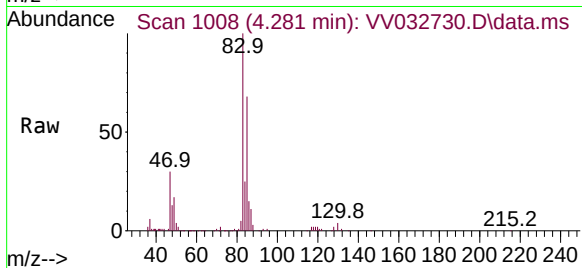




#25
Chloroform
Concen: 5.121 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.003 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

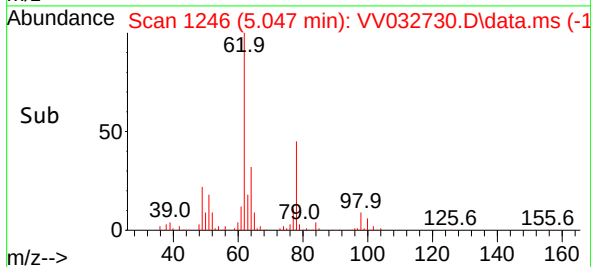
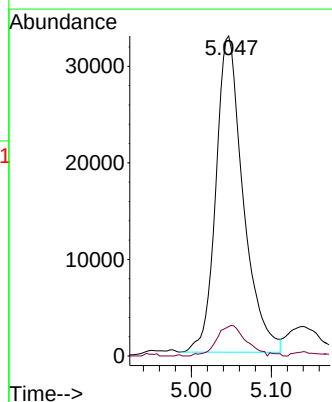
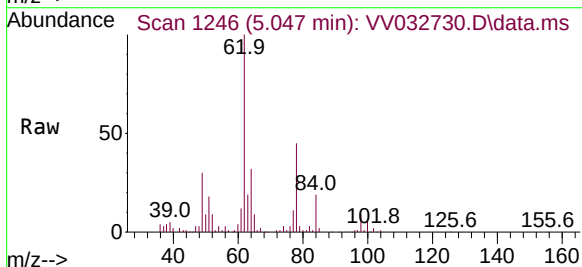
Instrument :
MSVOA_V
ClientSampleId :

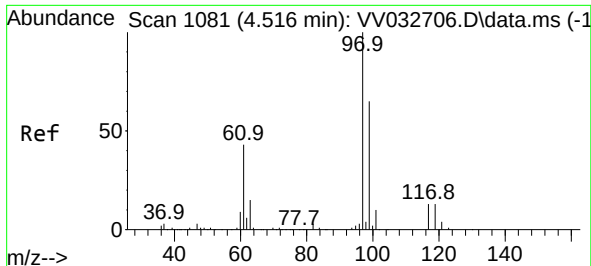
Tgt Ion: 83 Resp: 128798
Ion Ratio Lower Upper
83 100
85 67.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 4.965 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

Tgt Ion: 62 Resp: 77611
Ion Ratio Lower Upper
62 100
98 9.2 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 4.936 ug/L

RT: 4.513 min Scan# 1103

Delta R.T. -0.003 min

Lab File: VV032730.D

Acq: 28 Oct 2023 10:17

Instrument :

MSVOA_V

ClientSampleId :

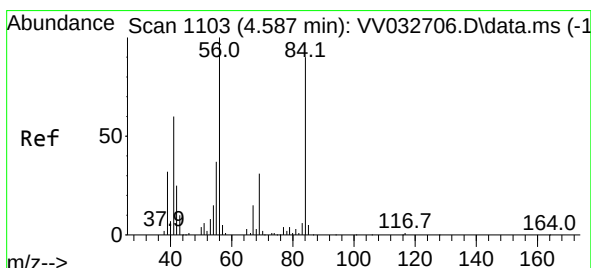
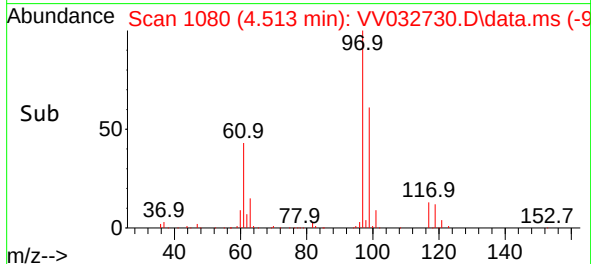
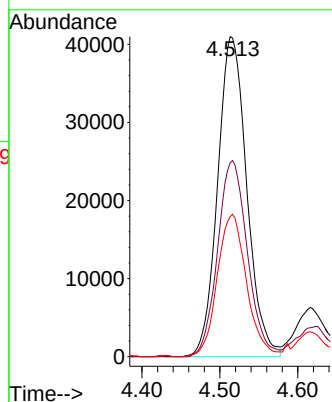
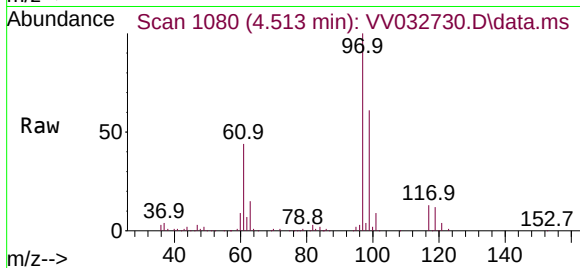
Tgt Ion: 97 Resp: 106596

Ion Ratio Lower Upper

97 100

99 62.7 51.4 77.0

61 44.7 36.1 54.1



#30

Cyclohexane

Concen: 4.802 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV032730.D

Acq: 28 Oct 2023 10:17

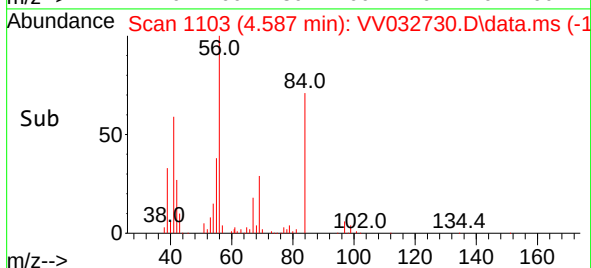
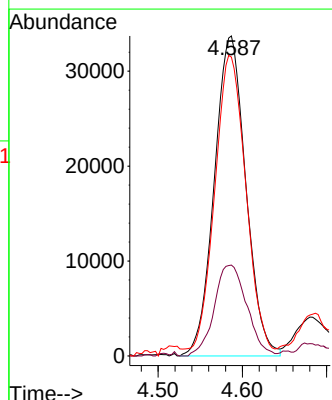
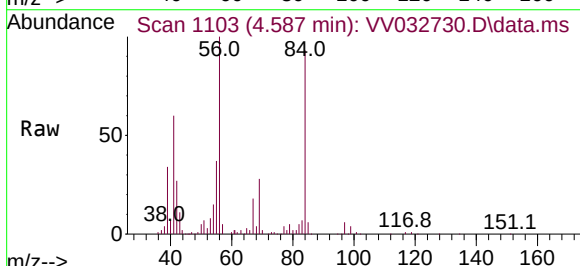
Tgt Ion: 56 Resp: 87409

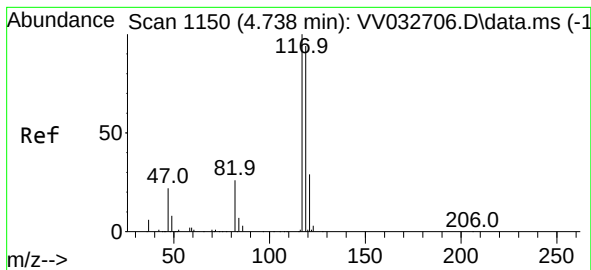
Ion Ratio Lower Upper

56 100

69 29.4 25.0 37.6

84 93.8 72.9 109.3





#31

Carbon tetrachloride

Concen: 4.947 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.000 min

Lab File: VV032730.D

Acq: 28 Oct 2023 10:17

Instrument :

MSVOA_V

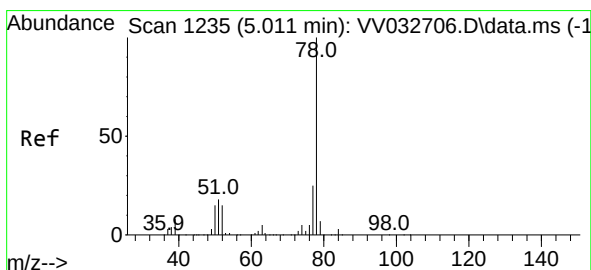
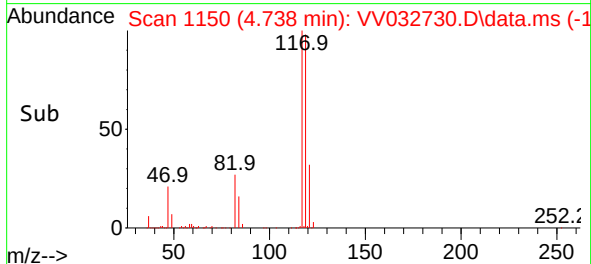
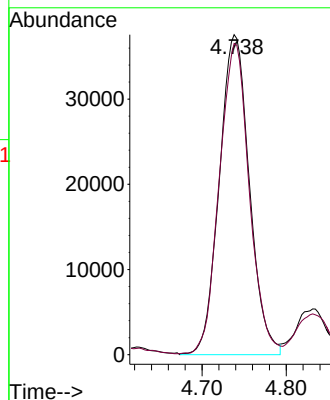
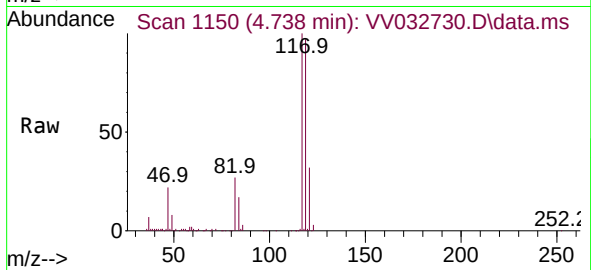
ClientSampleId :

Tgt Ion:117 Resp: 92953

Ion Ratio Lower Upper

117 100

119 96.5 77.8 116.6



#33

Benzene

Concen: 5.098 ug/L

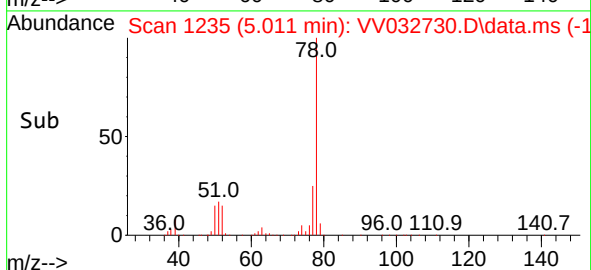
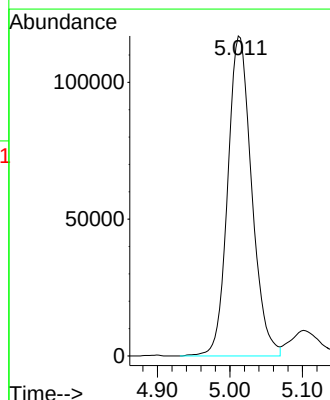
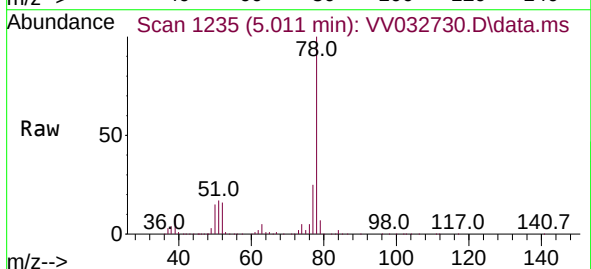
RT: 5.011 min Scan# 1235

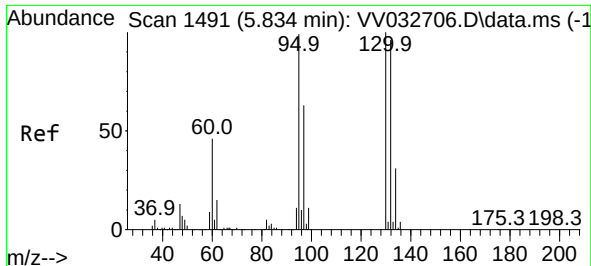
Delta R.T. 0.000 min

Lab File: VV032730.D

Acq: 28 Oct 2023 10:17

Tgt Ion: 78 Resp: 269034



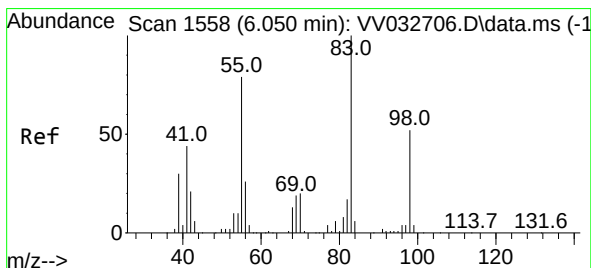
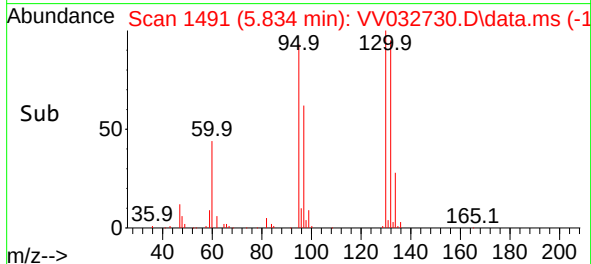
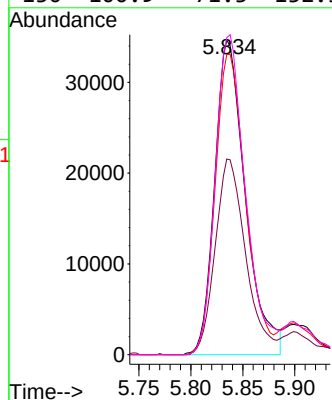
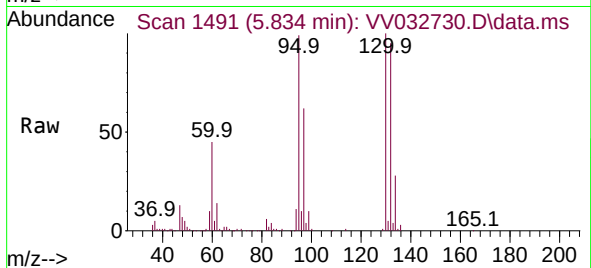


#34
Trichloroethene
Concen: 5.045 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 71127

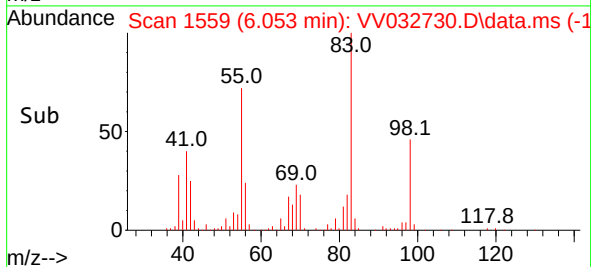
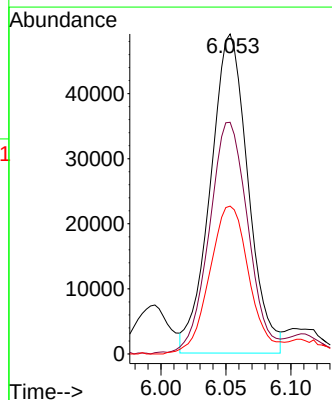
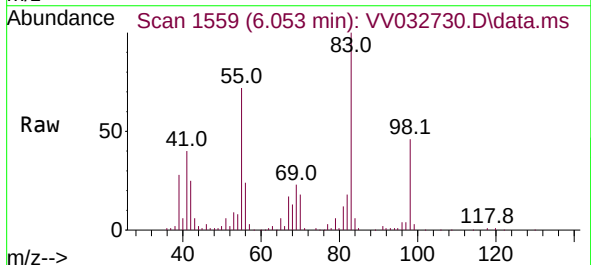
Ion	Ratio	Lower	Upper
95	100		
97	62.3	44.0	81.8
132	95.5	66.9	124.3
130	100.9	71.3	132.3

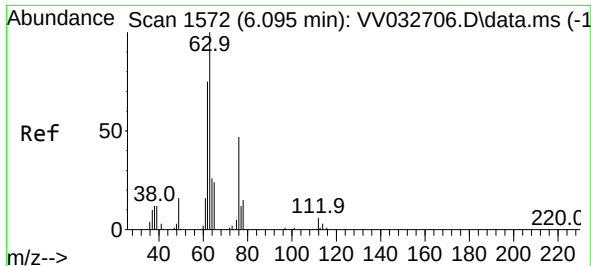


#35
Methylcyclohexane
Concen: 4.706 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

Tgt Ion: 83 Resp: 99153

Ion	Ratio	Lower	Upper
83	100		
55	74.9	59.6	89.4
98	48.7	39.1	58.7





#37

1,2-Dichloropropane

Concen: 4.721 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV032730.D

Acq: 28 Oct 2023 10:17

Instrument :

MSVOA_V

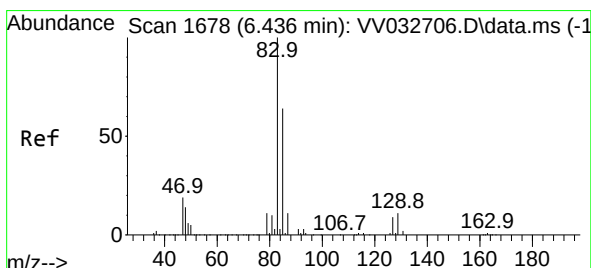
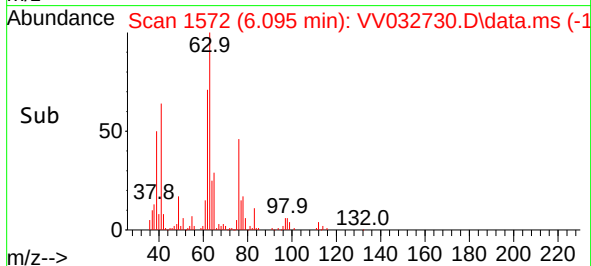
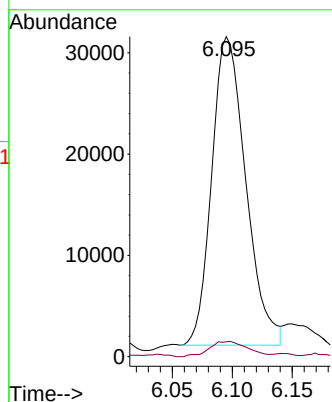
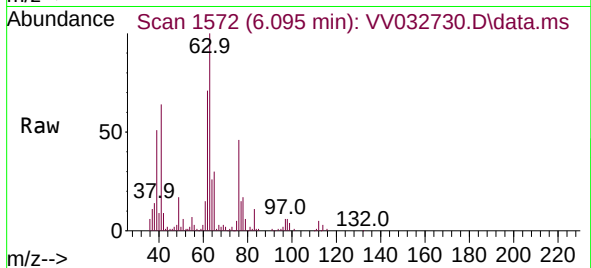
ClientSampleId :

Tgt Ion: 63 Resp: 60123

Ion Ratio Lower Upper

63 100

112 5.6 4.6 7.0



#38

Bromodichloromethane

Concen: 5.351 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VV032730.D

Acq: 28 Oct 2023 10:17

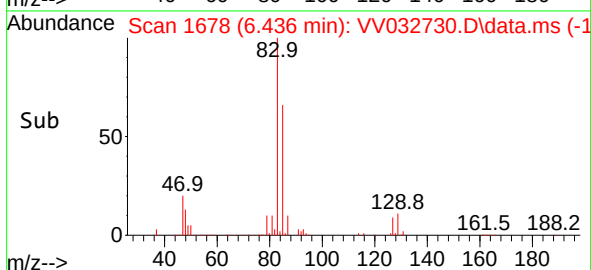
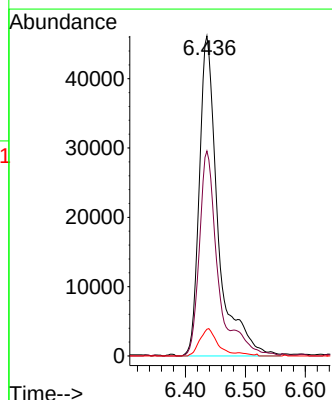
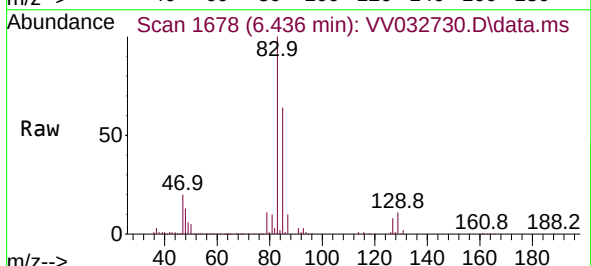
Tgt Ion: 83 Resp: 100684

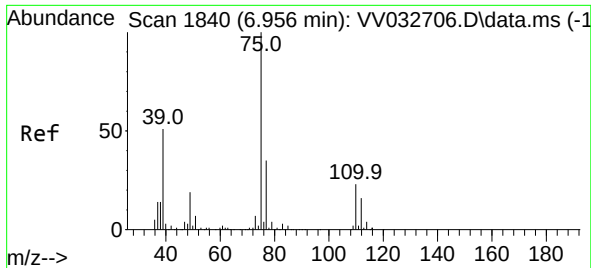
Ion Ratio Lower Upper

83 100

85 64.0 44.9 83.5

127 8.4 7.0 10.6

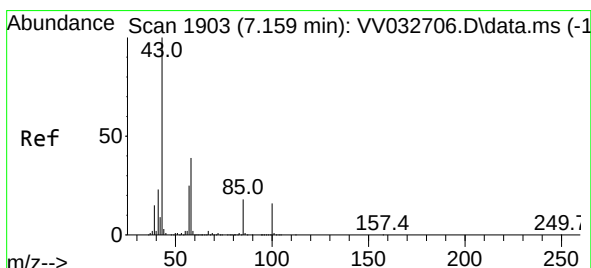
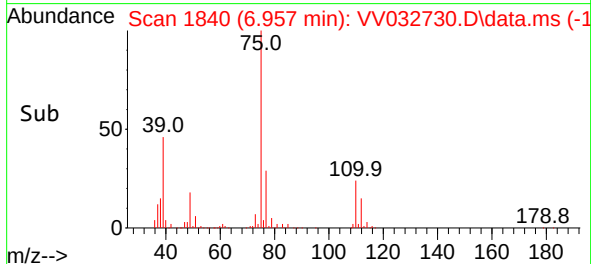
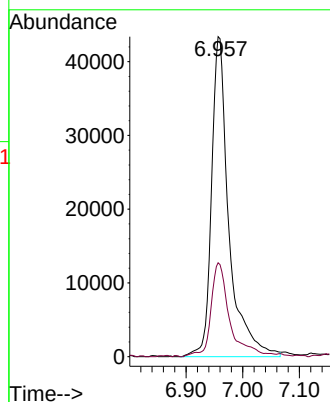
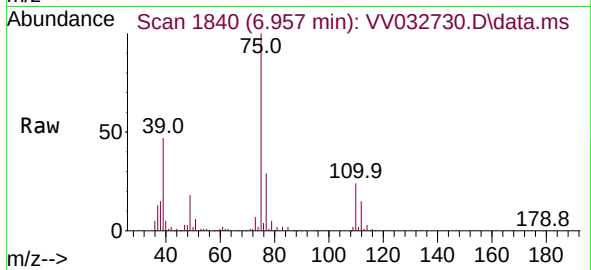




#39
 cis-1,3-Dichloropropene
 Concen: 4.765 ug/L
 RT: 6.957 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: VV032730.D
 Acq: 28 Oct 2023 10:17

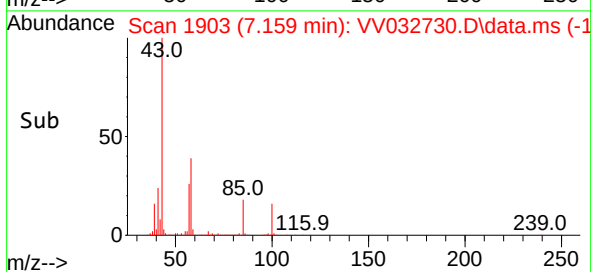
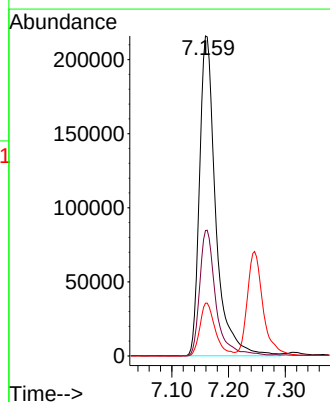
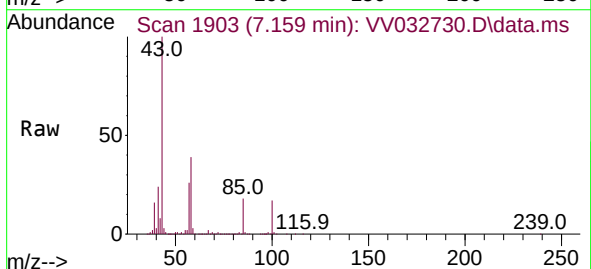
Instrument :
 MSVOA_V
 ClientSampleId :

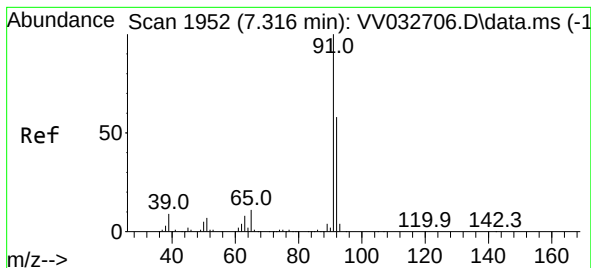
Tgt Ion: 75 Resp: 92387
 Ion Ratio Lower Upper
 75 100
 77 29.4 23.2 43.2



#40
 4-Methyl-2-pentanone
 Concen: 52.161 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VV032730.D
 Acq: 28 Oct 2023 10:17

Tgt Ion: 43 Resp: 428604
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.3 46.9
 100 15.9 12.2 18.4





#42

Toluene

Concen: 5.220 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032730.D

Acq: 28 Oct 2023 10:17

Instrument :

MSVOA_V

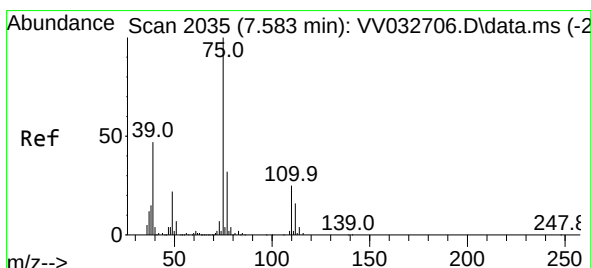
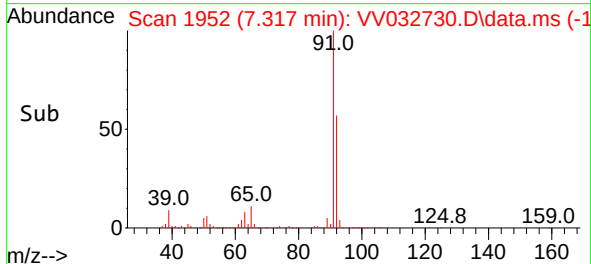
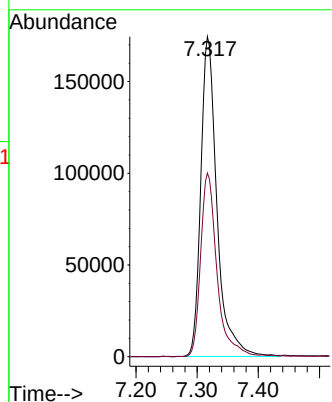
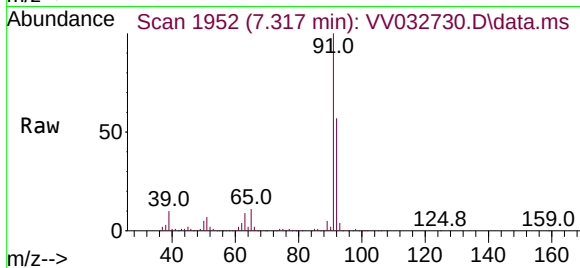
ClientSampleId :

Tgt Ion: 91 Resp: 320065

Ion Ratio Lower Upper

91 100

92 57.4 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 4.844 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV032730.D

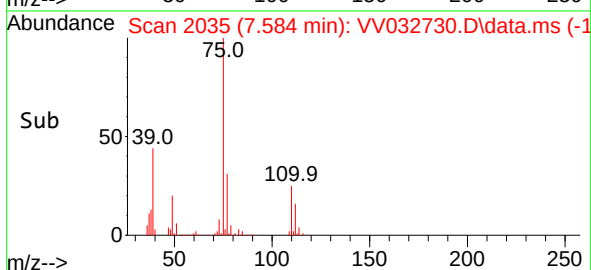
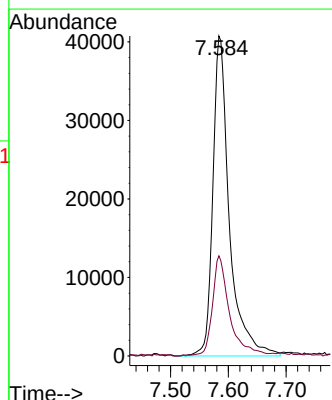
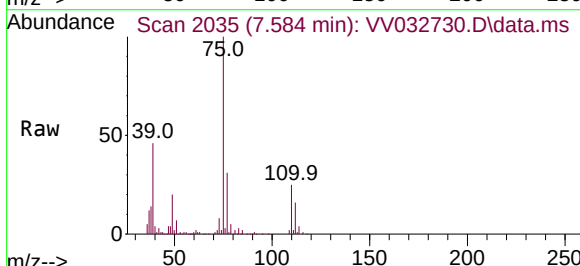
Acq: 28 Oct 2023 10:17

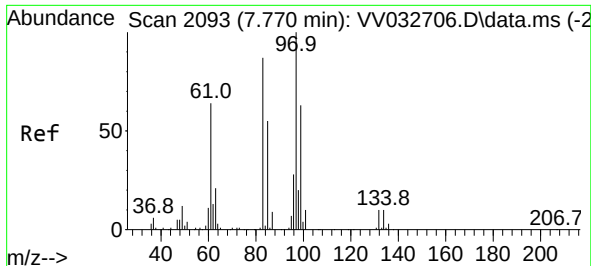
Tgt Ion: 75 Resp: 80823

Ion Ratio Lower Upper

75 100

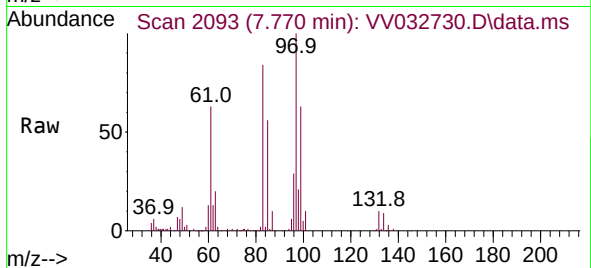
77 31.3 23.4 43.4



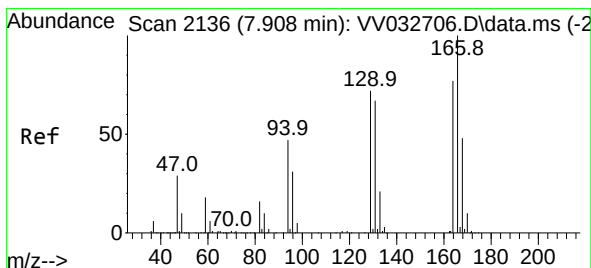
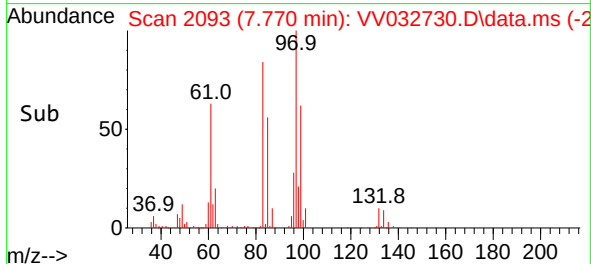
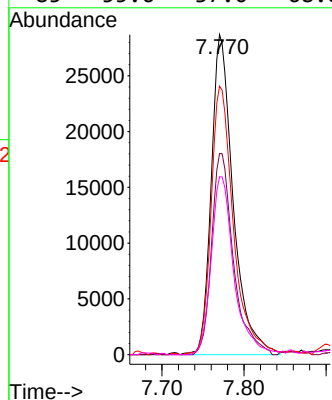


#45
1,1,2-Trichloroethane
Concen: 4.956 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

Instrument :
MSVOA_V
ClientSampleId :

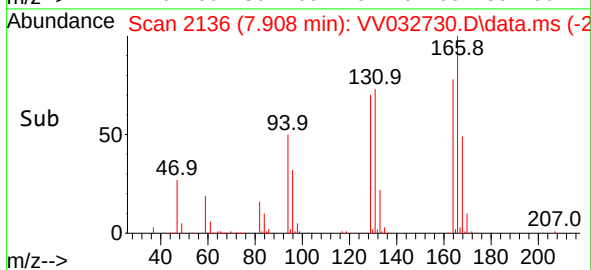
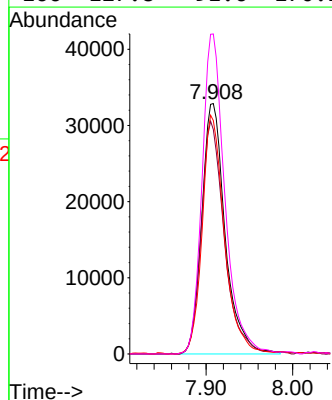
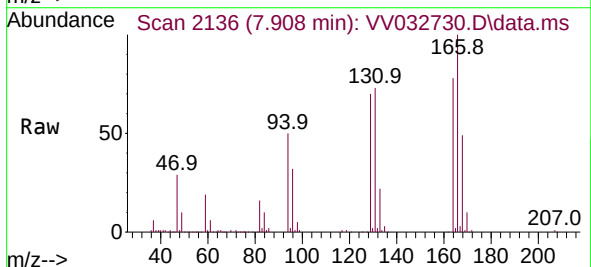


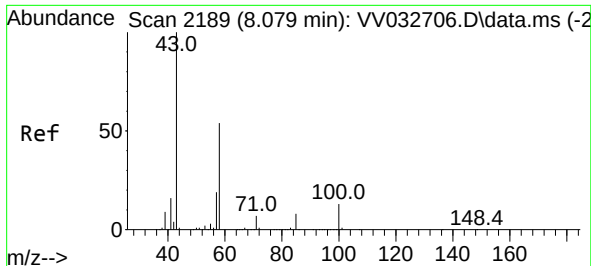
Tgt Ion:	97	Resp:	53306
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.0	81.8
83	83.9	59.9	111.3
85	55.6	37.0	68.8



#47
Tetrachloroethene
Concen: 4.954 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

Tgt Ion:	164	Resp:	61726
Ion	Ratio	Lower	Upper
164	100		
129	89.6	65.3	121.3
131	93.2	66.6	123.8
166	127.8	91.6	170.2



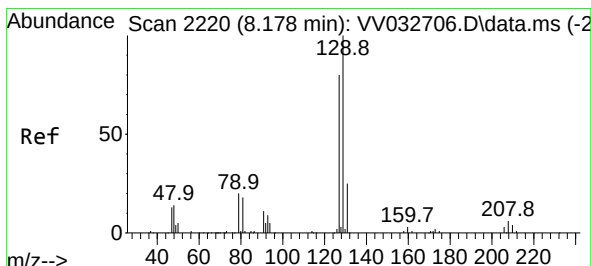
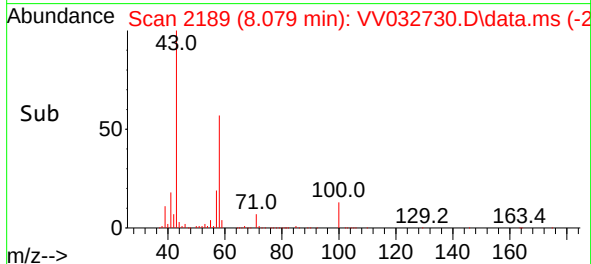
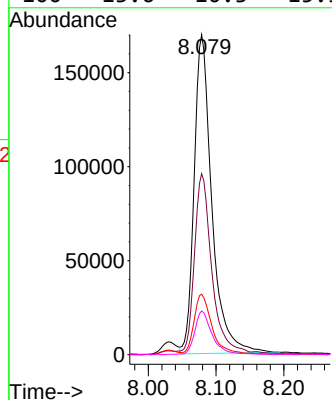
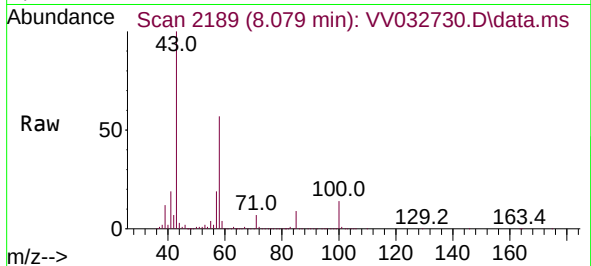


#48
2-Hexanone
Concen: 51.248 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 307998

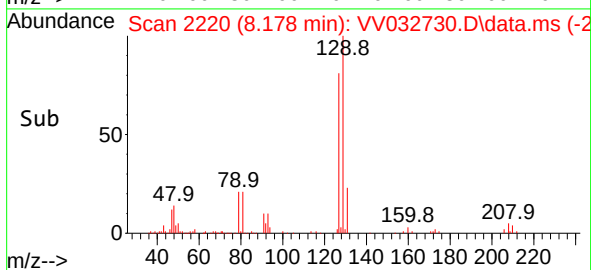
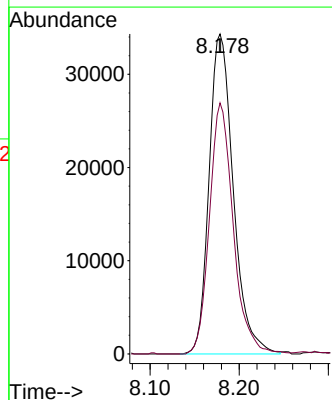
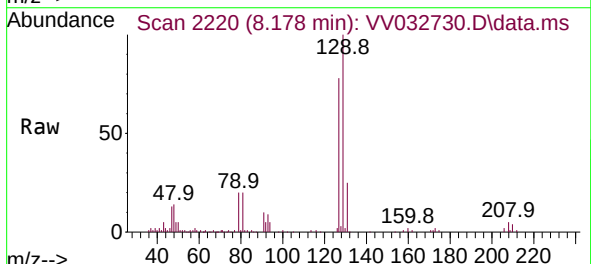
Ion	Ratio	Lower	Upper
43	100		
58	54.2	43.8	65.6
57	19.3	15.1	22.7
100	13.6	10.3	15.5

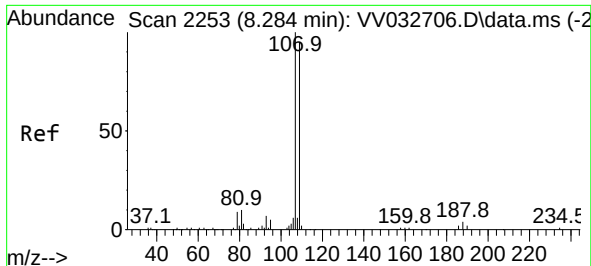


#49
Dibromochloromethane
Concen: 5.080 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

Tgt Ion: 129 Resp: 64814

Ion	Ratio	Lower	Upper
129	100		
127	78.5	54.0	100.4

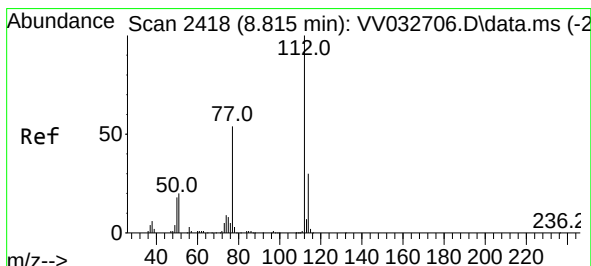
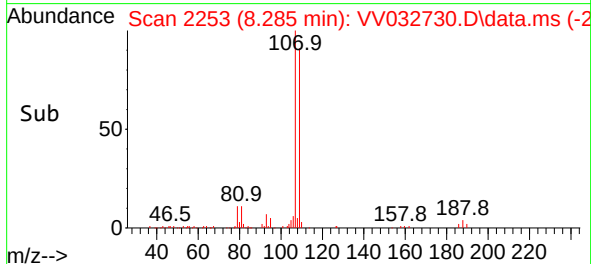
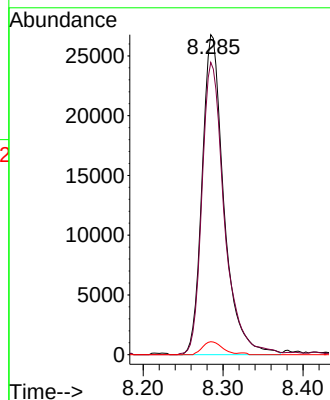
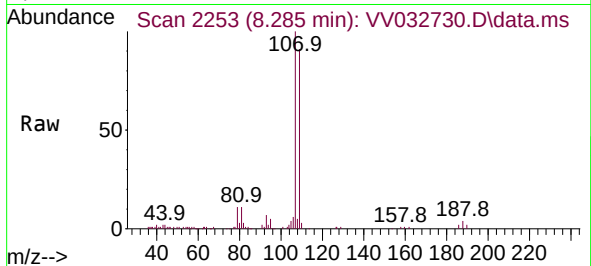




#50
1,2-Dibromoethane
Concen: 5.071 ug/L
RT: 8.285 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

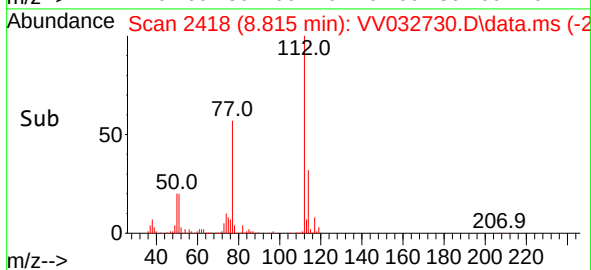
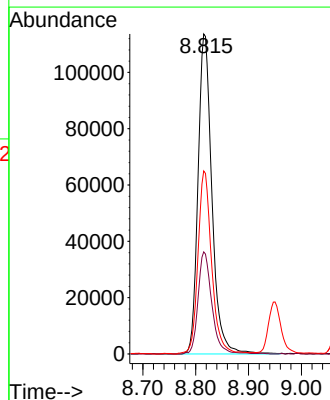
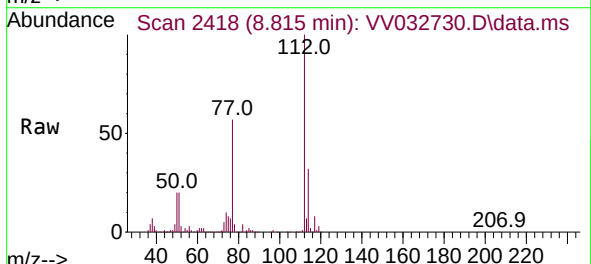
Instrument :
MSVOA_V
ClientSampleId :

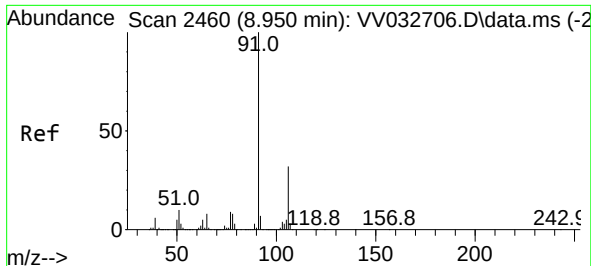
Tgt Ion:107 Resp: 50901
Ion Ratio Lower Upper
107 100
109 91.4 66.4 123.4
188 4.0 2.9 4.3



#51
Chlorobenzene
Concen: 5.118 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

Tgt Ion:112 Resp: 207319
Ion Ratio Lower Upper
112 100
114 31.9 22.7 42.3
77 57.2 45.7 68.5





#52

Ethylbenzene

Concen: 5.189 ug/L

RT: 8.950 min Scan# 2460

Delta R.T. 0.000 min

Lab File: VV032730.D

Acq: 28 Oct 2023 10:17

Instrument :

MSVOA_V

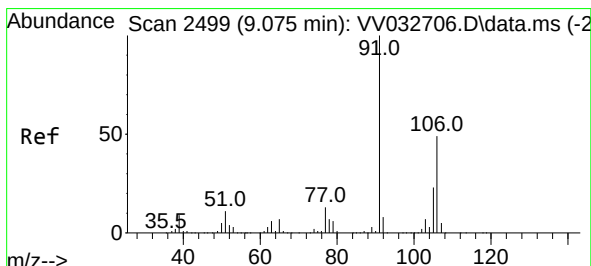
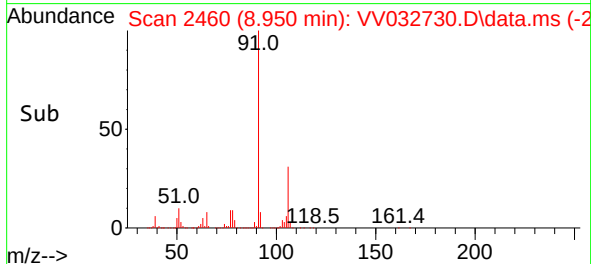
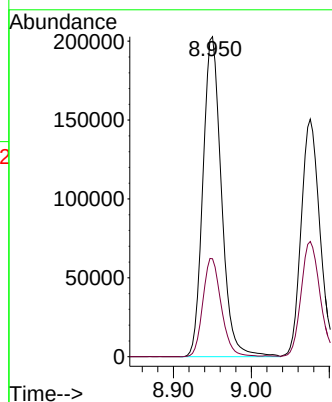
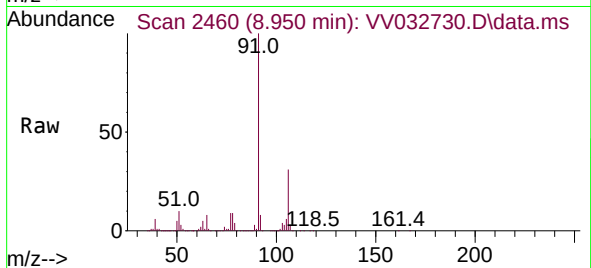
ClientSampleId :

Tgt Ion: 91 Resp: 334454

Ion Ratio Lower Upper

91 100

106 30.6 20.9 38.9



#53

m,p-Xylene

Concen: 5.194 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.000 min

Lab File: VV032730.D

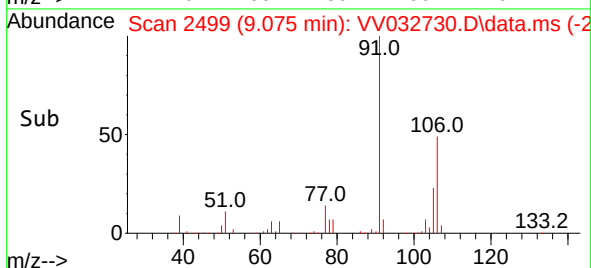
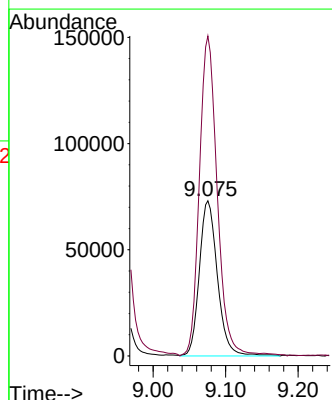
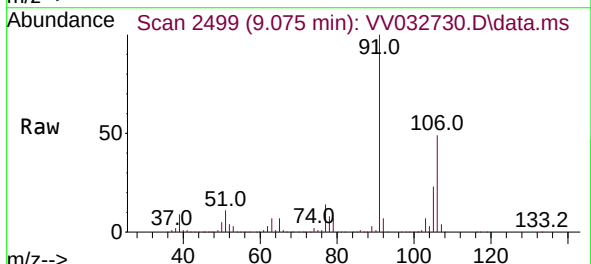
Acq: 28 Oct 2023 10:17

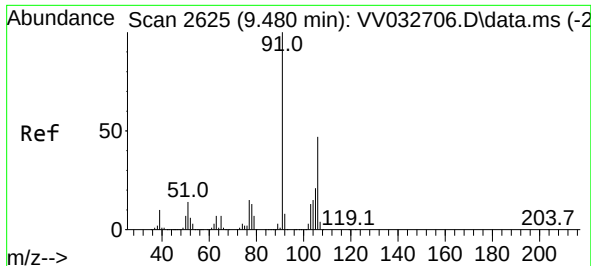
Tgt Ion:106 Resp: 126767

Ion Ratio Lower Upper

106 100

91 206.1 139.3 258.7

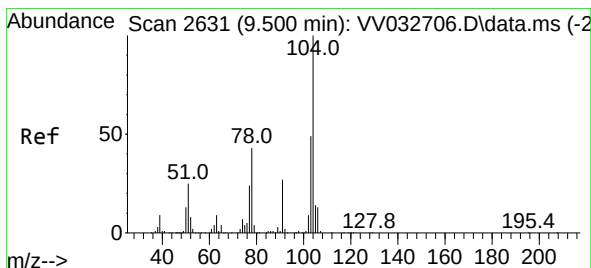
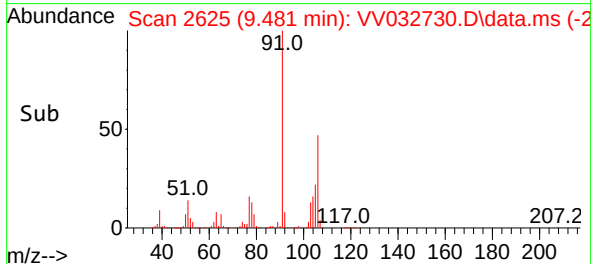
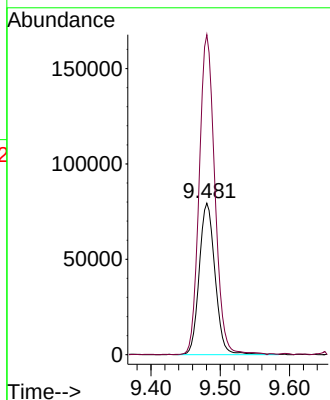
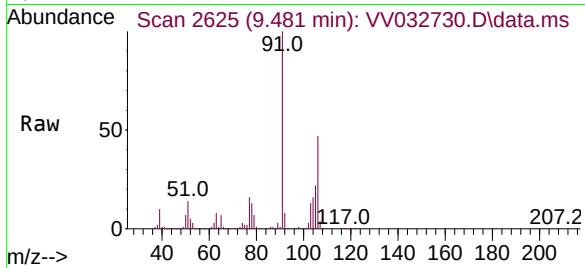




#54
o-Xylene
Concen: 5.323 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

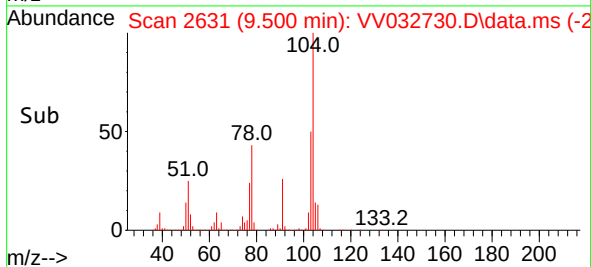
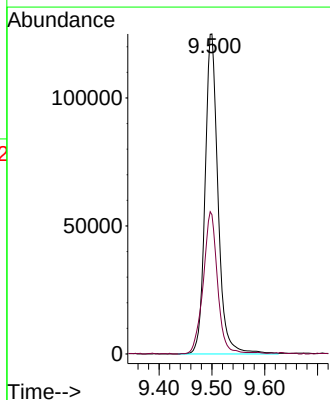
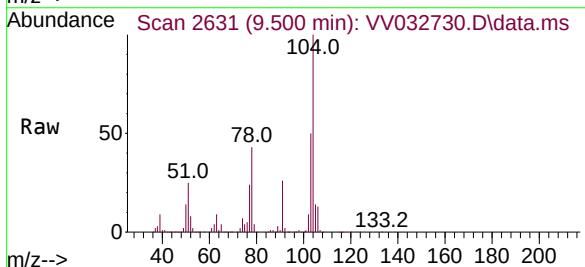
Instrument :
MSVOA_V
ClientSampleId :

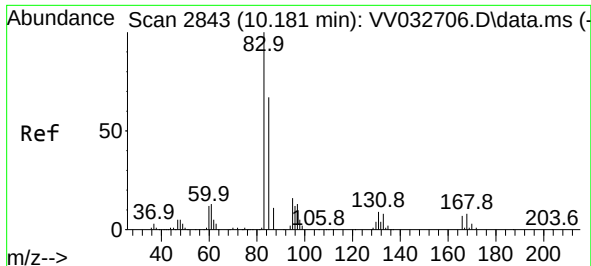
Tgt Ion:106 Resp: 126014
Ion Ratio Lower Upper
106 100
91 211.3 147.4 273.8



#55
Styrene
Concen: 5.422 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

Tgt Ion:104 Resp: 212675
Ion Ratio Lower Upper
104 100
78 43.5 30.5 56.7

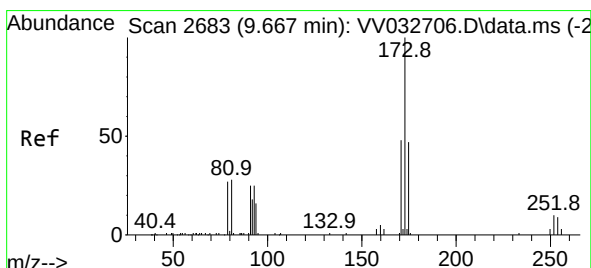
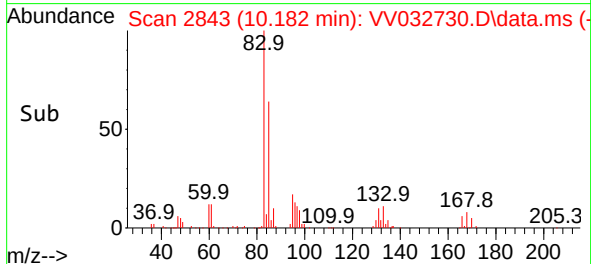
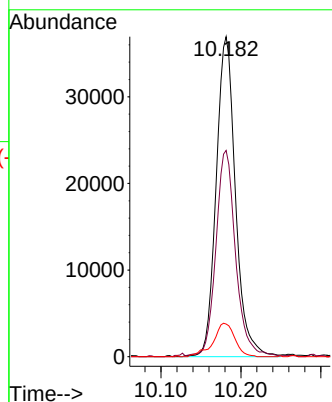
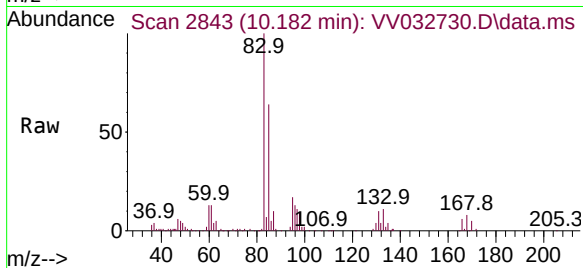




#57
1,1,2,2-Tetrachloroethane
Concen: 4.923 ug/L
RT: 10.182 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

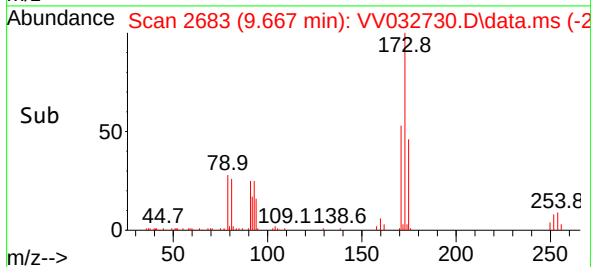
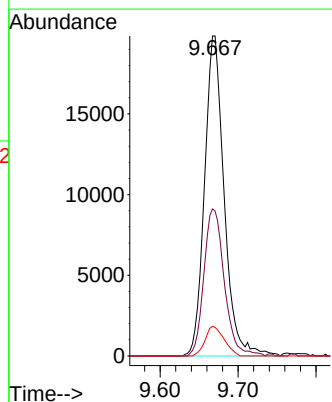
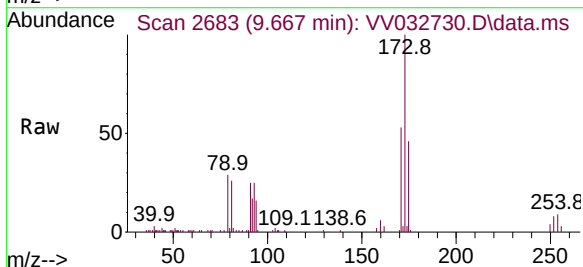
Instrument :
MSVOA_V
ClientSampleId :

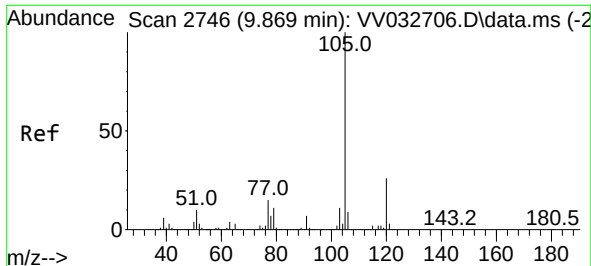
Tgt Ion: 83 Resp: 61762
Ion Ratio Lower Upper
83 100
85 64.5 44.0 81.8
131 10.2 7.8 11.8



#59
Bromoform
Concen: 4.990 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

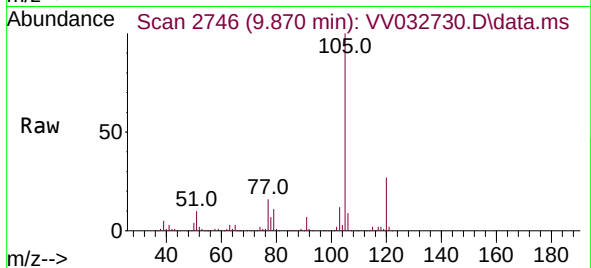
Tgt Ion: 173 Resp: 34768
Ion Ratio Lower Upper
173 100
175 47.7 38.4 57.6
254 8.9 6.9 10.3



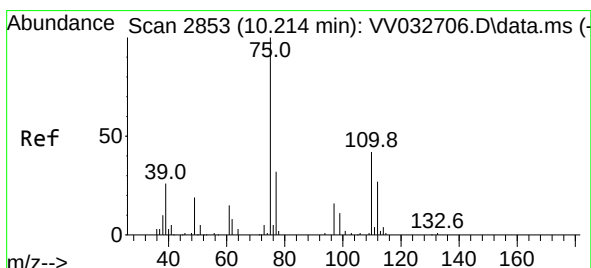
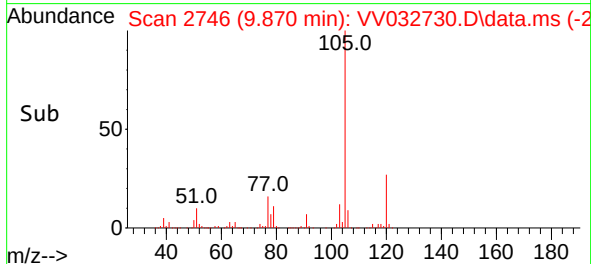
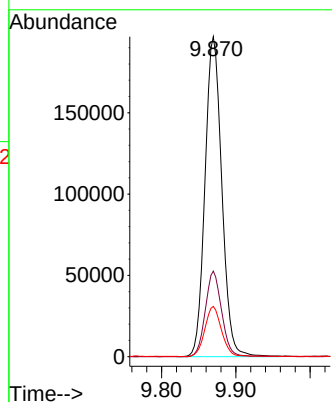


#60
Isopropylbenzene
Concen: 5.126 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

Instrument :
MSVOA_V
ClientSampleId :

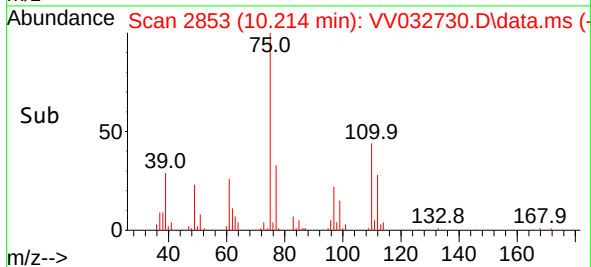
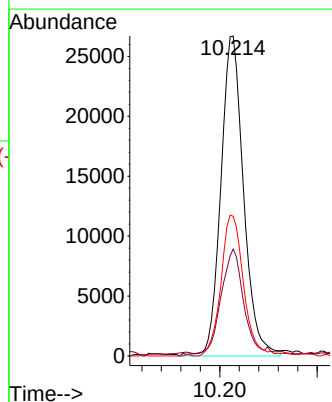
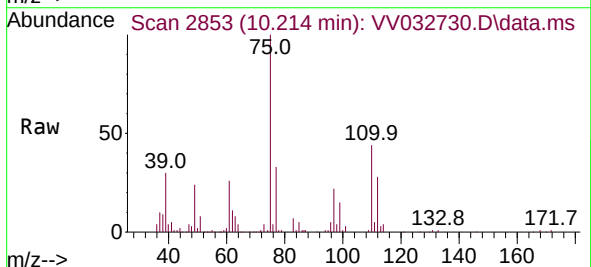


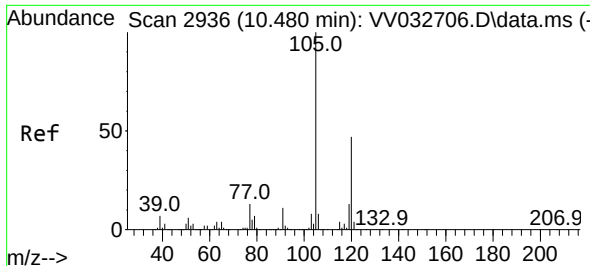
Tgt Ion:105 Resp: 308948
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.599 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

Tgt Ion: 75 Resp: 43196
Ion Ratio Lower Upper
75 100
77 31.1 24.5 36.7
110 44.0 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 4.979 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VV032730.D

Acq: 28 Oct 2023 10:17

Instrument :

MSVOA_V

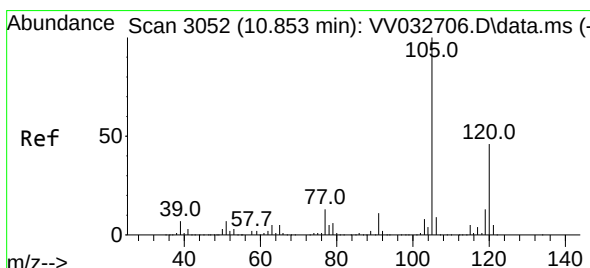
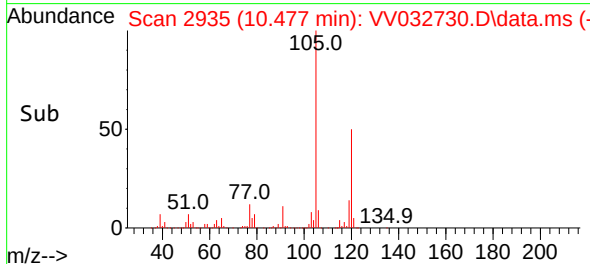
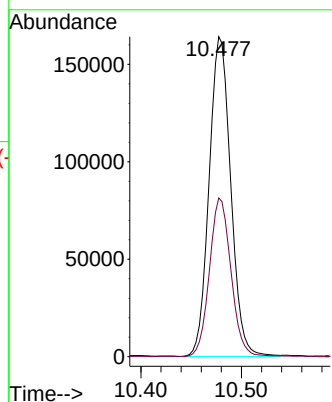
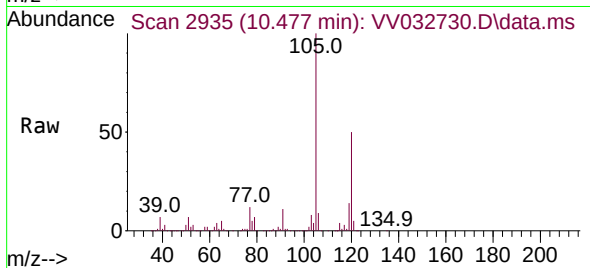
ClientSampleId :

Tgt Ion:105 Resp: 245333

Ion Ratio Lower Upper

105 100

120 49.7 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 5.160 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV032730.D

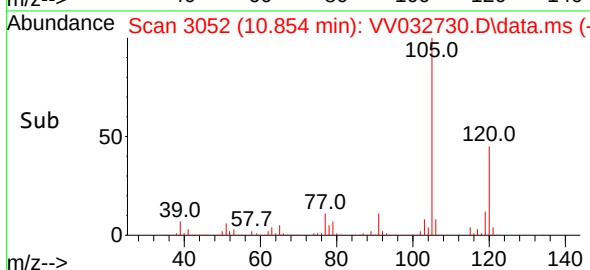
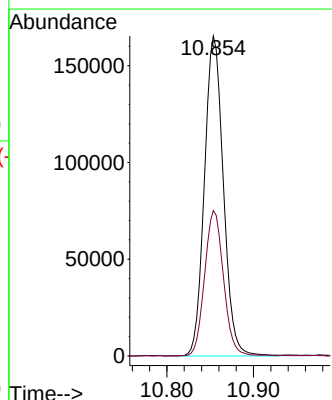
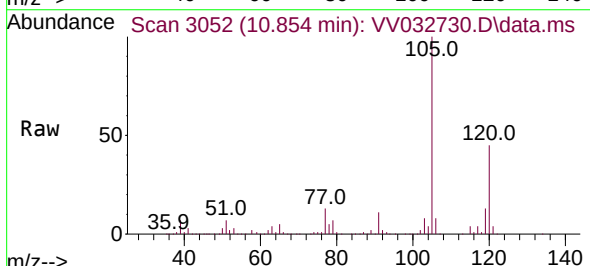
Acq: 28 Oct 2023 10:17

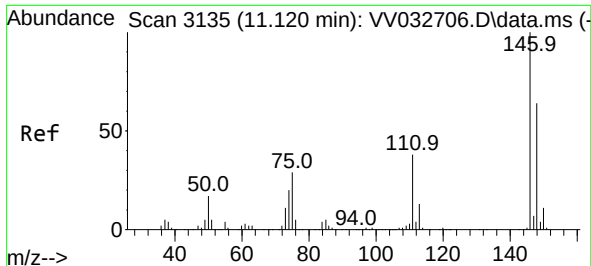
Tgt Ion:105 Resp: 251238

Ion Ratio Lower Upper

105 100

120 45.4 36.9 55.3

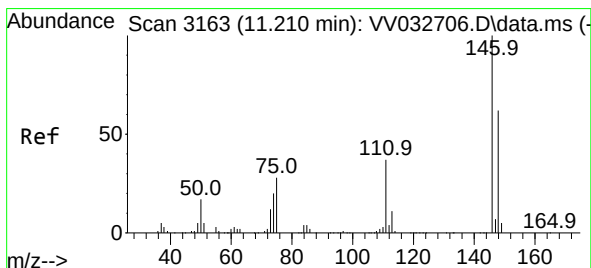
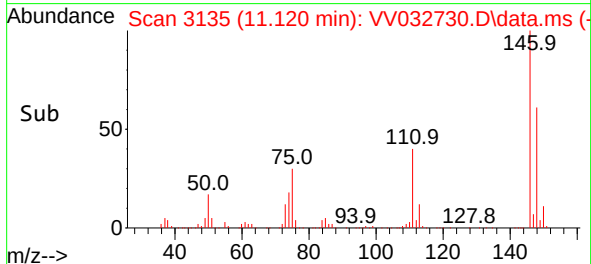
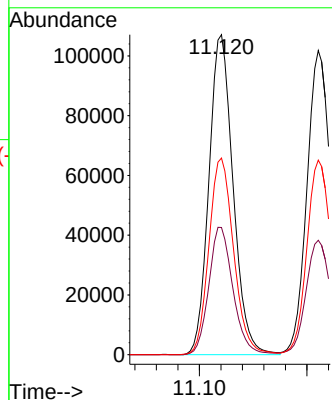
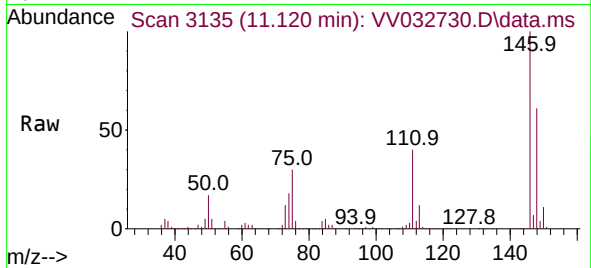




#64
1,3-Dichlorobenzene
Concen: 5.168 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

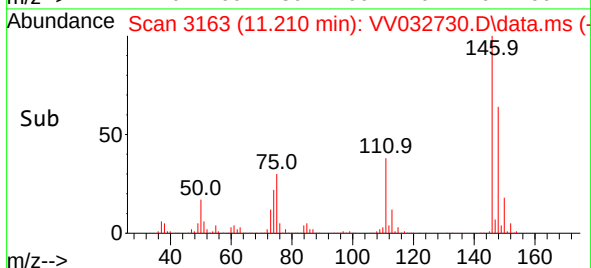
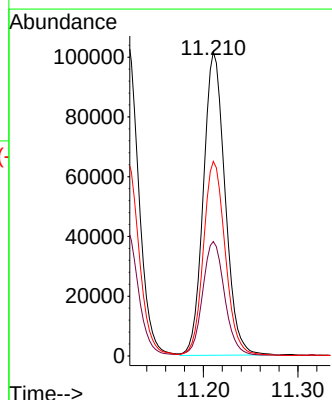
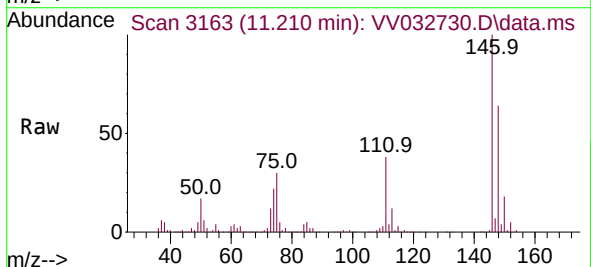
Instrument :
MSVOA_V
ClientSampleId :

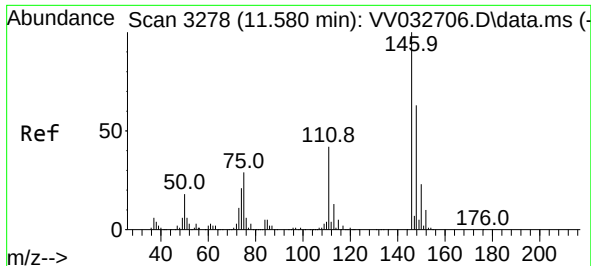
Tgt Ion:146 Resp: 167119
Ion Ratio Lower Upper
146 100
111 39.7 26.8 49.8
148 61.5 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.039 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

Tgt Ion:146 Resp: 161765
Ion Ratio Lower Upper
146 100
111 37.6 26.2 48.8
148 64.0 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 5.091 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032730.D

Acq: 28 Oct 2023 10:17

Instrument :

MSVOA_V

ClientSampleId :

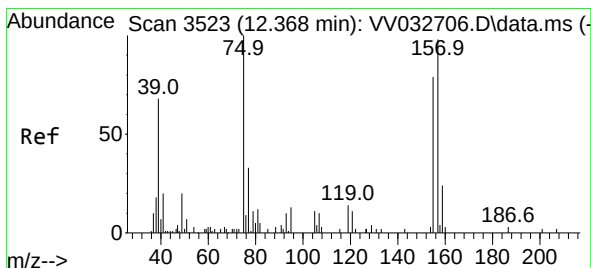
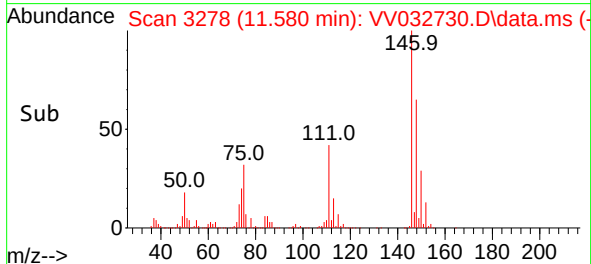
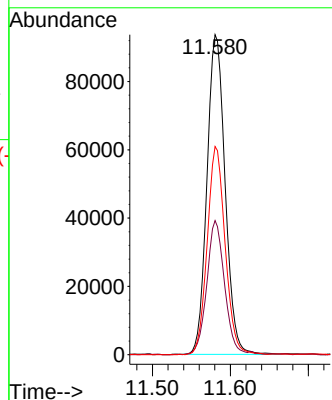
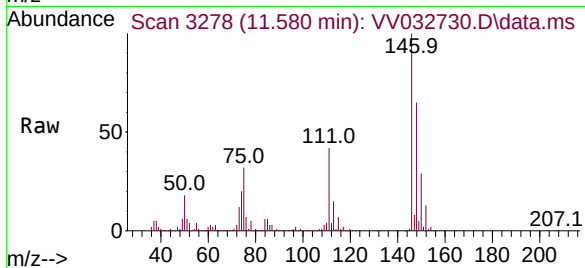
Tgt Ion:146 Resp: 151428

Ion Ratio Lower Upper

146 100

111 41.9 34.2 51.4

148 65.1 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.340 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV032730.D

Acq: 28 Oct 2023 10:17

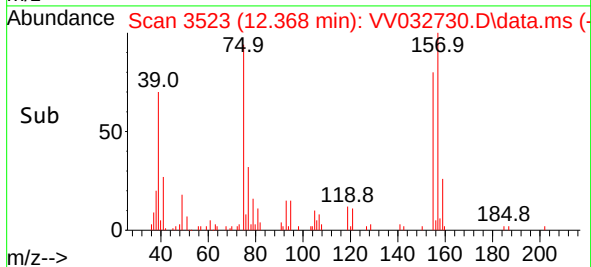
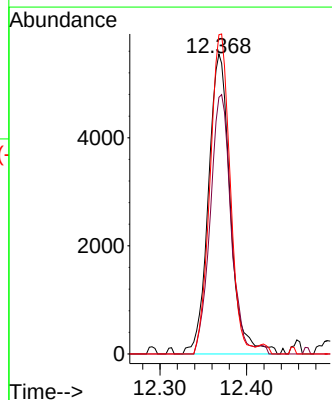
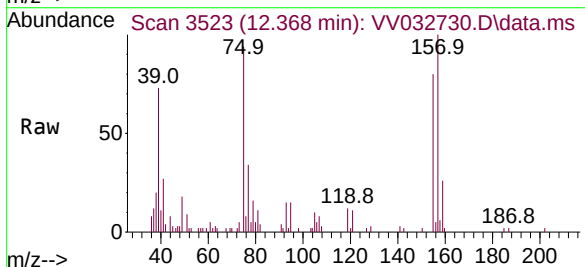
Tgt Ion: 75 Resp: 9741

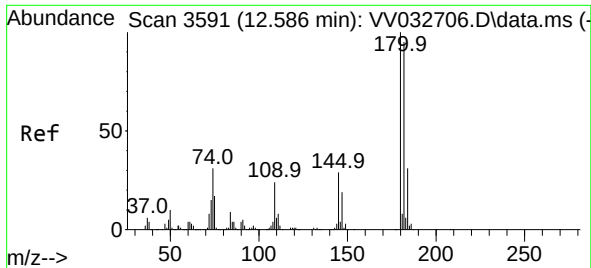
Ion Ratio Lower Upper

75 100

155 85.6 70.1 105.1

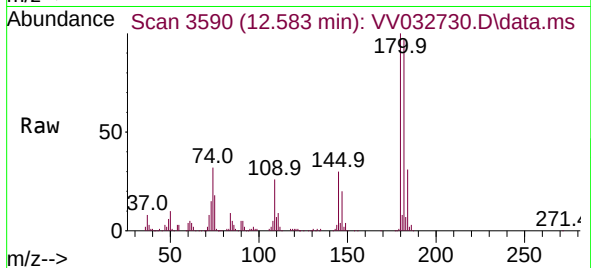
157 106.4 90.2 135.2



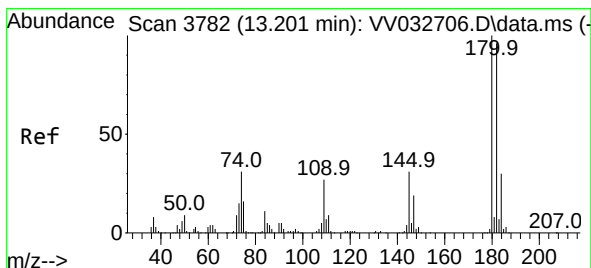
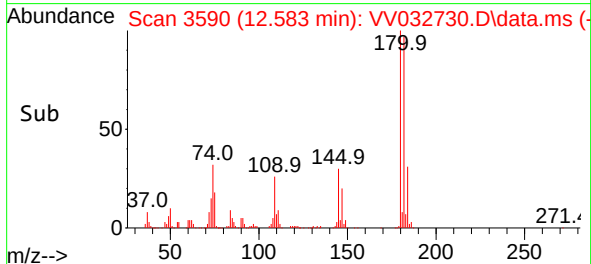
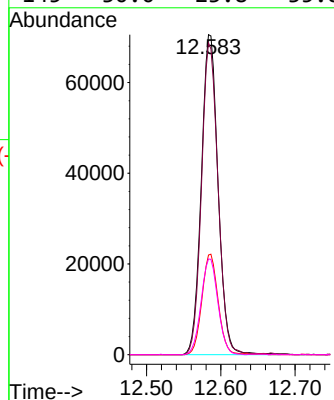


#69
 1,3,5-Trichlorobenzene
 Concen: 4.800 ug/L
 RT: 12.583 min Scan# 3591
 Delta R.T. -0.003 min
 Lab File: VV032730.D
 Acq: 28 Oct 2023 10:17

Instrument :
 MSVOA_V
 ClientSampleId :

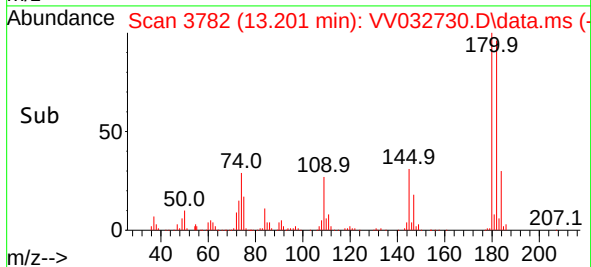
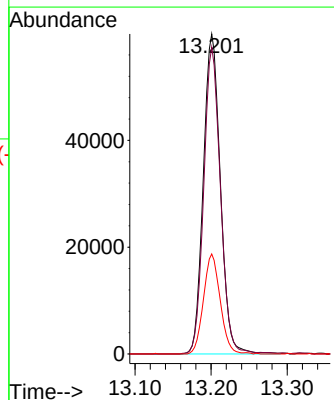
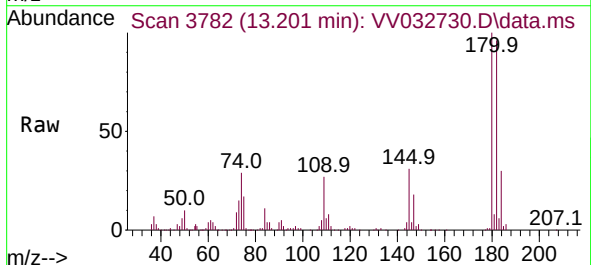


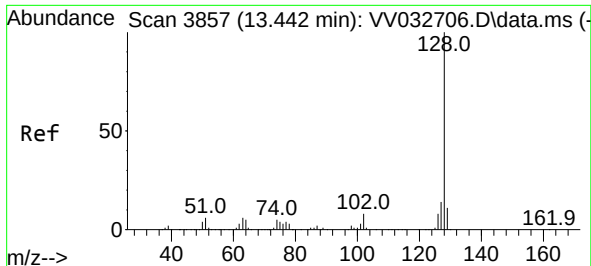
Tgt Ion:180 Resp: 110793
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.6 115.0
 184 30.4 24.3 36.5
 145 30.0 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.764 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.000 min
 Lab File: VV032730.D
 Acq: 28 Oct 2023 10:17

Tgt Ion:180 Resp: 93313
 Ion Ratio Lower Upper
 180 100
 182 93.7 75.7 113.5
 145 30.6 25.0 37.4

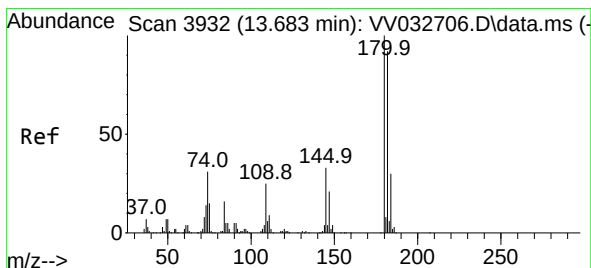
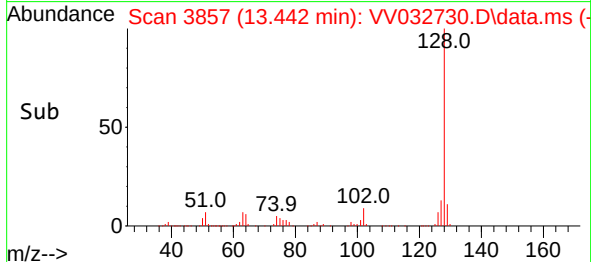
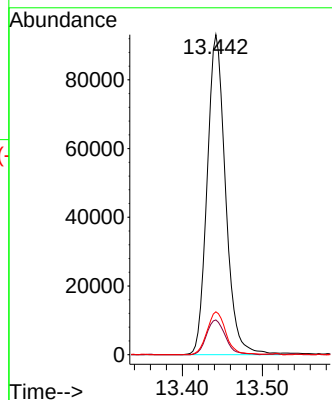
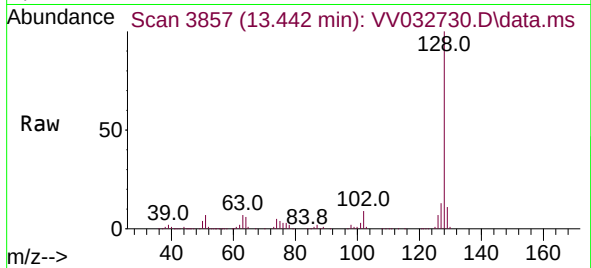




#71
Naphthalene
Concen: 4.809 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 149282
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.7 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.139 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV032730.D
Acq: 28 Oct 2023 10:17

Tgt Ion:180 Resp: 88512
Ion Ratio Lower Upper
180 100
182 92.5 75.4 113.2
145 32.6 26.4 39.6

