

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW103023\
 Data File : VW032783.D
 Acq On : 30 Oct 2023 19:45
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 31 02:29:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 31 02:23:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	135364	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	158133	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	88382	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	45866	4.126	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.532	69	44776	4.739	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.059	65	20904	4.189	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	3.809	46	112172	46.725	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.440%
24) Chloroform-d	4.252	84	97160	5.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	4.947	65	46822	5.137	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	4.963	84	175904	4.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	5.992	67	50621	4.643	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.246	98	184640	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	7.558	79	22204	4.616	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.030	63	98731	51.785	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.580%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	48911	5.045	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	68007	4.712	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	70179	5.051	ug/L	98
3) Chloromethane	1.217	50	77559	4.732	ug/L	99
5) Vinyl chloride	1.281	62	80066	4.922	ug/L	98
6) Bromomethane	1.490	94	44895	4.729	ug/L	96
8) Chloroethane	1.551	64	53380	5.018	ug/L	96
9) Trichlorofluoromethane	1.712	101	119476	5.456	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	64921	5.027	ug/L	99
12) 1,1-Dichloroethene	2.069	96	59116	4.886	ug/L	95
13) Acetone	2.133	43	104907	44.265	ug/L	90
14) Carbon disulfide	2.240	76	188630	4.921	ug/L	99
15) Methyl Acetate	2.387	43	19846	4.182	ug/L	98
16) Methylene chloride	2.449	84	90008	6.045	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	124983	4.785	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	61383	5.131	ug/L	98
19) 1,1-Dichloroethane	3.114	63	105925	4.994	ug/L	96
21) 2-Butanone	3.889	43	141565	45.181	ug/L	87
22) cis-1,2-Dichloroethene	3.818	96	62264	5.133	ug/L	95
23) Bromochloromethane	4.149	128	31581	5.597	ug/L	96
25) Chloroform	4.278	83	123429	5.353	ug/L	98

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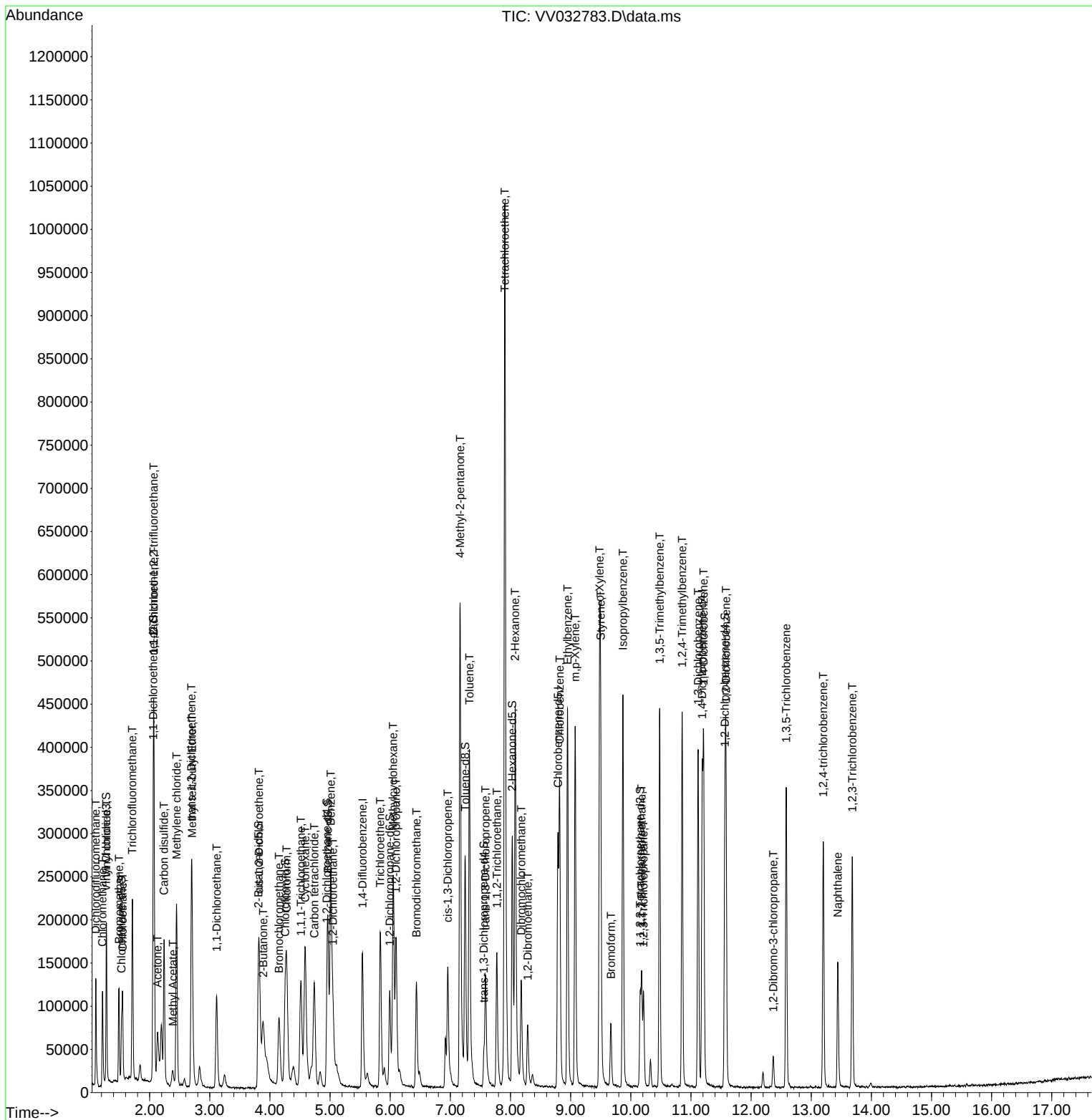
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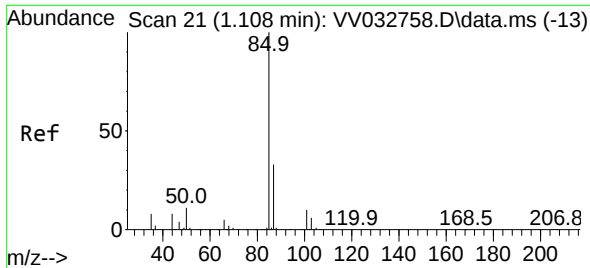
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	73393	5.121	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	102704	5.035	ug/L	99
30) Cyclohexane	4.587	56	76954	4.476	ug/L	99
31) Carbon tetrachloride	4.738	117	91546	5.159	ug/L	97
33) Benzene	5.011	78	253062	5.077	ug/L	100
34) Trichloroethene	5.834	95	64223	4.823	ug/L	98
35) Methylcyclohexane	6.050	83	90080	4.527	ug/L	98
37) 1,2-Dichloropropane	6.095	63	62353	5.184	ug/L	100
38) Bromodichloromethane	6.436	83	84005	4.727	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	90680	4.952	ug/L	94
40) 4-Methyl-2-pentanone	7.162	43	389700	50.215	ug/L	99
42) Toluene	7.317	91	302468	5.223	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	77457	4.915	ug/L	95
45) 1,1,2-Trichloroethane	7.773	97	51971	5.116	ug/L	98
47) Tetrachloroethene	7.905	164	243229	20.669	ug/L	96
48) 2-Hexanone	8.079	43	285717	50.336	ug/L	99
49) Dibromochloromethane	8.178	129	61570	5.110	ug/L	95
50) 1,2-Dibromoethane	8.288	107	49010	5.170	ug/L	97
51) Chlorobenzene	8.818	112	190611	4.982	ug/L	99
52) Ethylbenzene	8.950	91	304076	4.995	ug/L	97
53) m,p-Xylene	9.075	106	117305	5.089	ug/L	93
54) o-Xylene	9.480	106	114420	5.117	ug/L	99
55) Styrene	9.500	104	198448	5.357	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.181	83	58767	4.960	ug/L	95
59) Bromoform	9.670	173	33144	4.780	ug/L	100
60) Isopropylbenzene	9.869	105	283046	4.719	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	43856	4.692	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	225294	4.594	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	224429	4.632	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	158442	4.923	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	152836	4.784	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	141773	4.790	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	8891	3.980	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	103972	4.526	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	82580	4.236	ug/L	99
71) Naphthalene	13.442	128	118780	3.845	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	78996	4.609	ug/L	98

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

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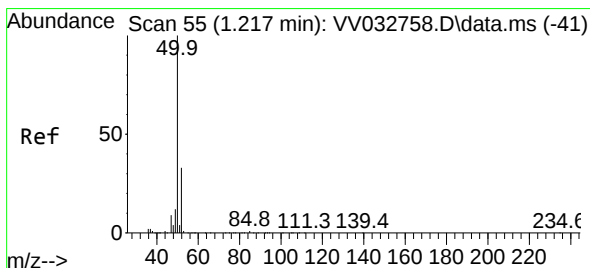
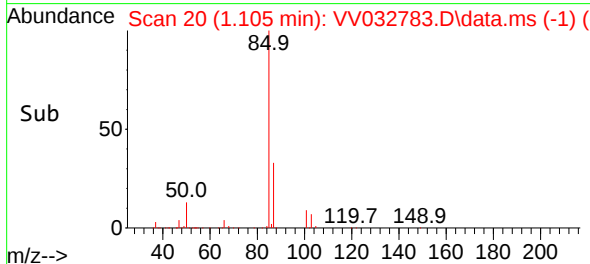
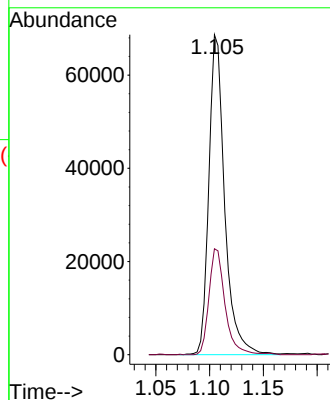
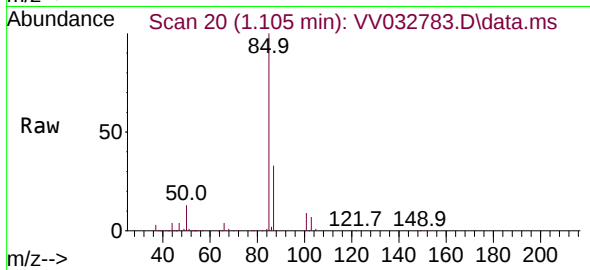




#2
 Dichlorodifluoromethane
 Concen: 5.051 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV032783.D
 Acq: 30 Oct 2023 19:45

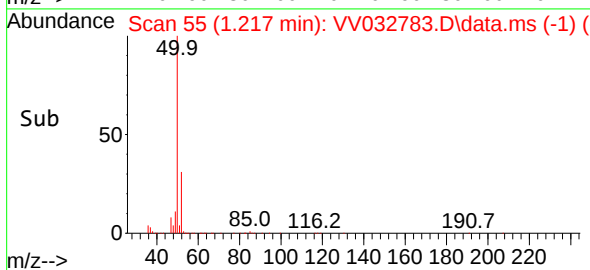
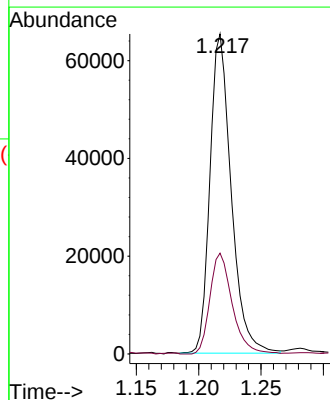
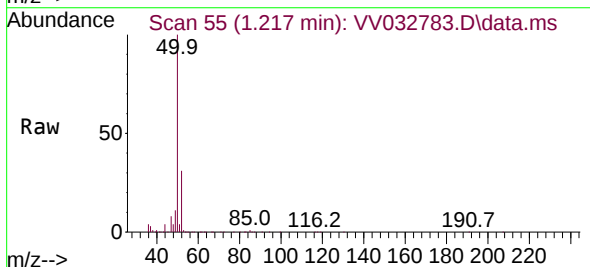
Instrument :
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 ClientSampleId :

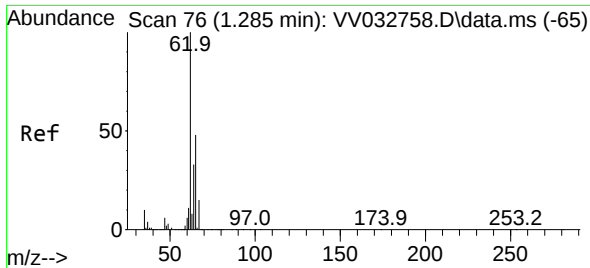
Tgt Ion: 85 Resp: 70179
 Ion Ratio Lower Upper
 85 100
 87 33.8 25.9 38.9



#3
 Chloromethane
 Concen: 4.732 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV032783.D
 Acq: 30 Oct 2023 19:45

Tgt Ion: 50 Resp: 77559
 Ion Ratio Lower Upper
 50 100
 52 31.5 22.3 41.5



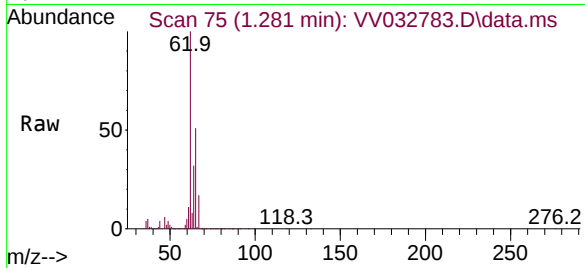


#5
 Vinyl chloride
 Concen: 4.922 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV032783.D
 Acq: 30 Oct 2023 19:45

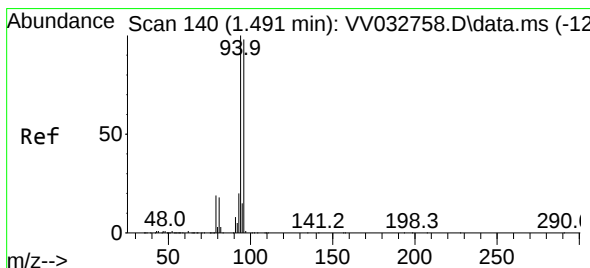
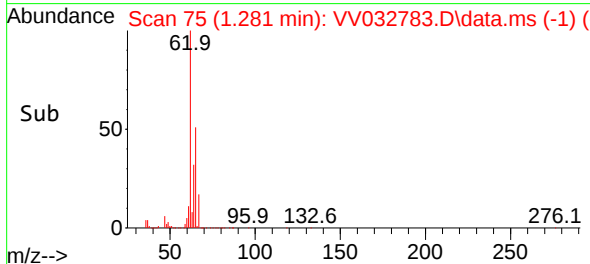
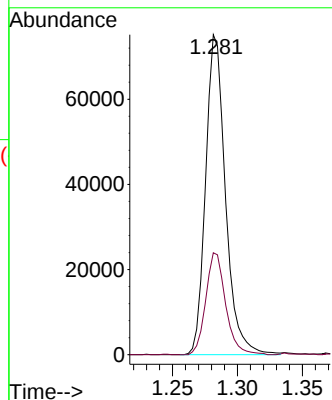
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MSVOA_V

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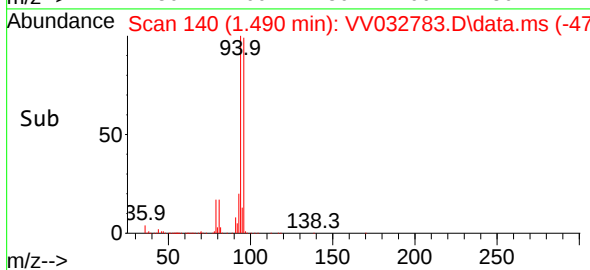
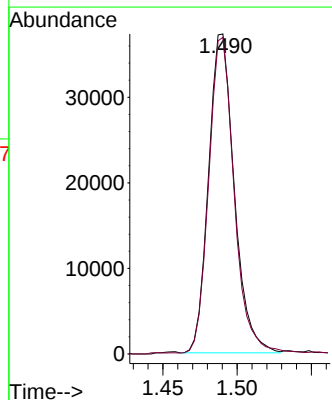
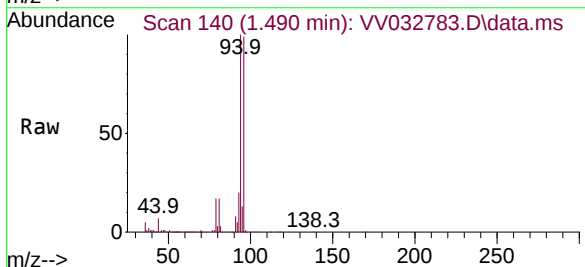


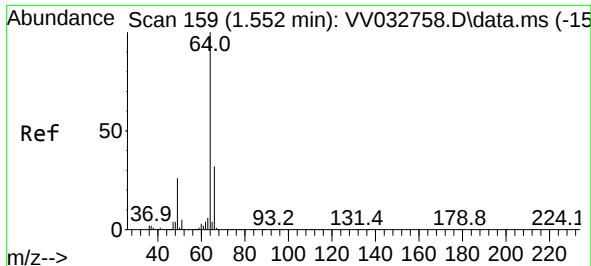
Tgt Ion: 62 Resp: 80066
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.2 43.0



#6
 Bromomethane
 Concen: 4.729 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV032783.D
 Acq: 30 Oct 2023 19:45

Tgt Ion: 94 Resp: 44895
 Ion Ratio Lower Upper
 94 100
 96 99.0 66.4 123.2

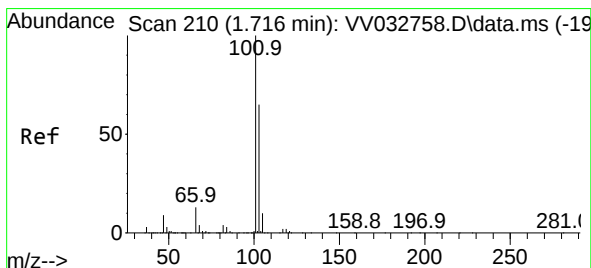
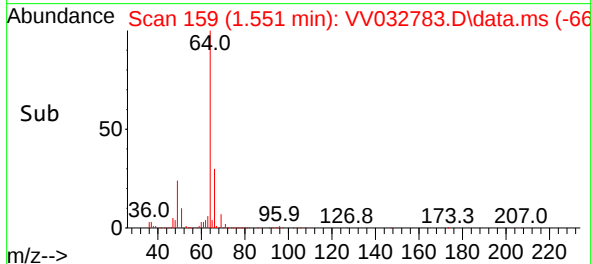
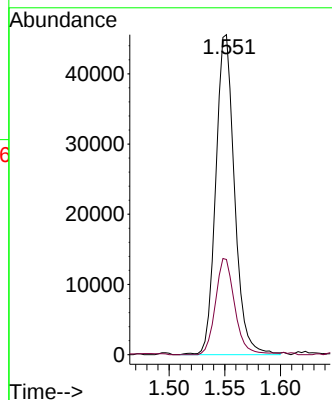
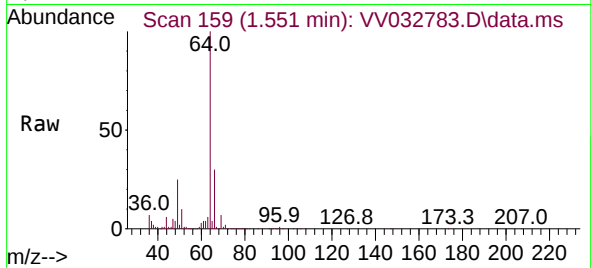




#8
Chloroethane
Concen: 5.018 ug/L
RT: 1.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV032783.D
Acq: 30 Oct 2023 19:45

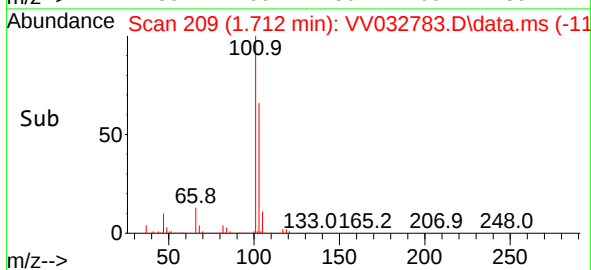
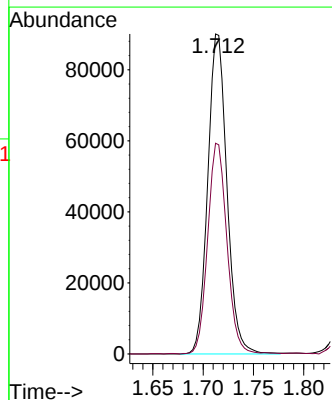
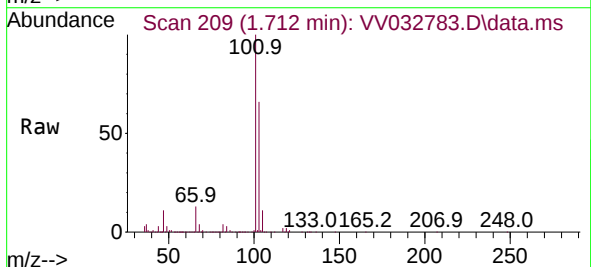
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MSVOA_V
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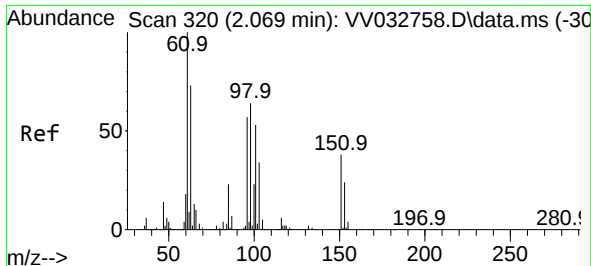
Tgt Ion: 64 Resp: 53380
Ion Ratio Lower Upper
64 100
66 29.7 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.456 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV032783.D
Acq: 30 Oct 2023 19:45

Tgt Ion: 101 Resp: 119476
Ion Ratio Lower Upper
101 100
103 65.9 52.1 78.1

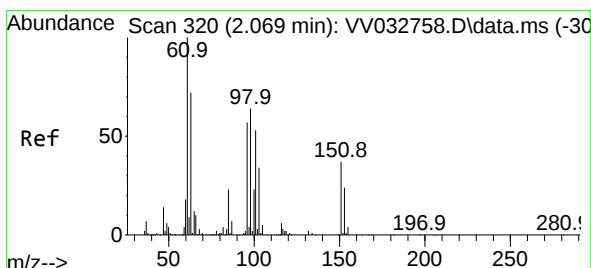
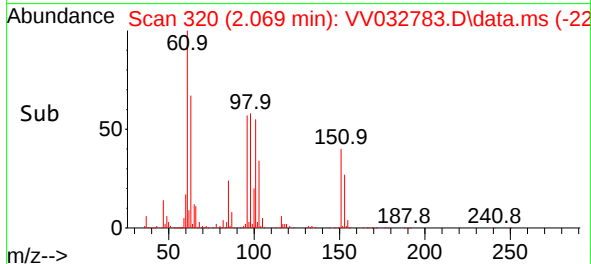
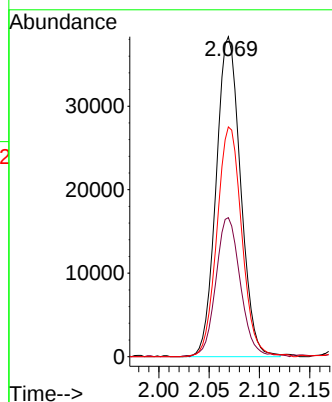
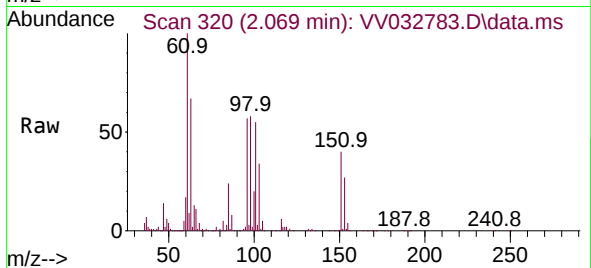




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.027 ug/L
 RT: 2.069 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VV032783.D
 Acq: 30 Oct 2023 19:45

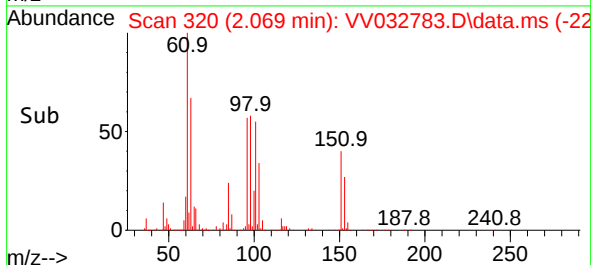
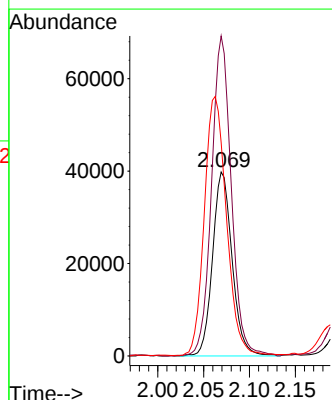
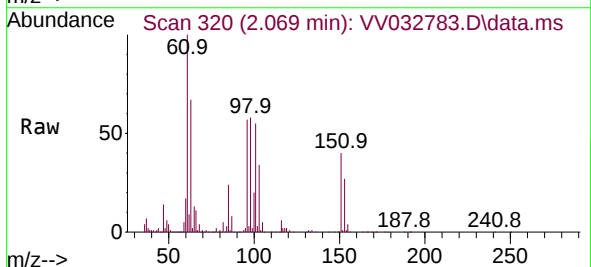
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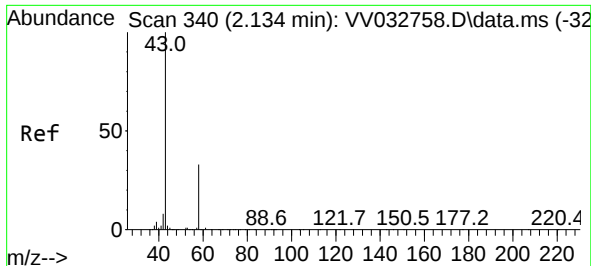
Tgt Ion:101 Resp: 64921
 Ion Ratio Lower Upper
 101 100
 85 43.7 36.2 54.4
 151 73.1 59.0 88.6



#12
 1,1-Dichloroethene
 Concen: 4.886 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV032783.D
 Acq: 30 Oct 2023 19:45

Tgt Ion: 96 Resp: 59116
 Ion Ratio Lower Upper
 96 100
 61 173.9 122.3 227.1
 63 116.0 89.4 166.0

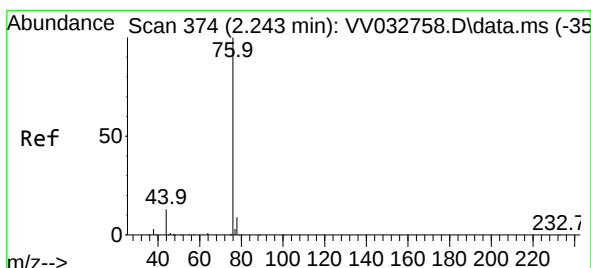
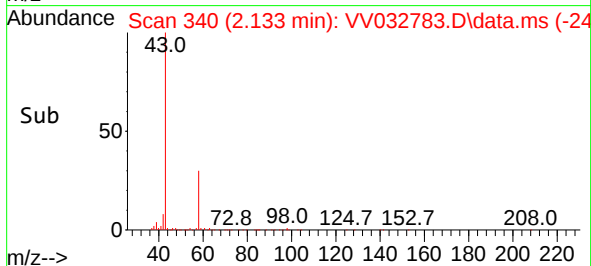
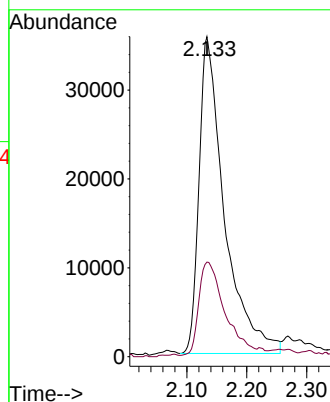
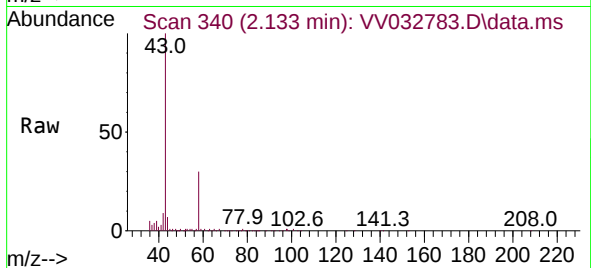




#13
Acetone
Concen: 44.265 ug/L
RT: 2.133 min Scan# 34
Delta R.T. -0.000 min
Lab File: VV032783.D
Acq: 30 Oct 2023 19:45

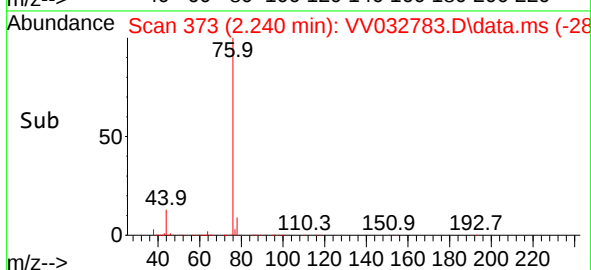
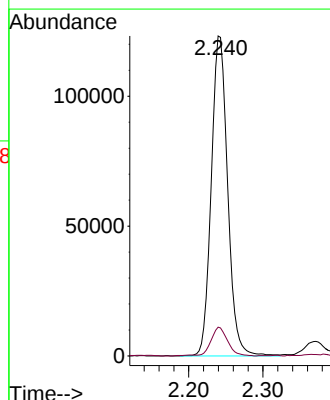
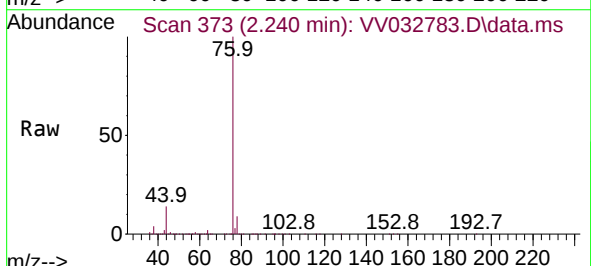
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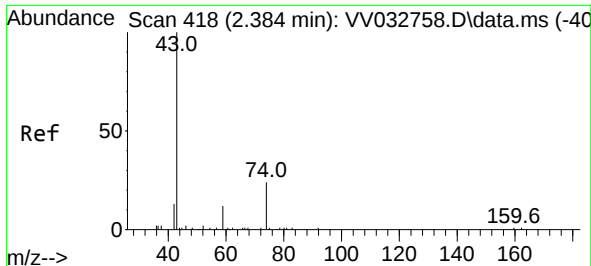
Tgt Ion: 43 Resp: 104907
Ion Ratio Lower Upper
43 100
58 30.2 0.0 50.6



#14
Carbon disulfide
Concen: 4.921 ug/L
RT: 2.240 min Scan# 373
Delta R.T. -0.003 min
Lab File: VV032783.D
Acq: 30 Oct 2023 19:45

Tgt Ion: 76 Resp: 188630
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

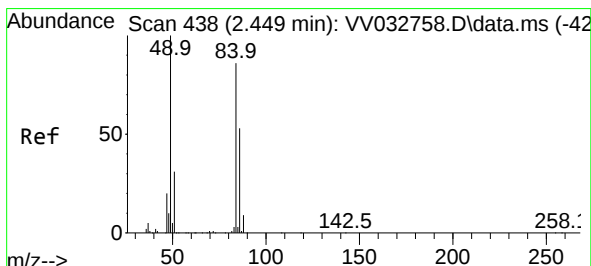
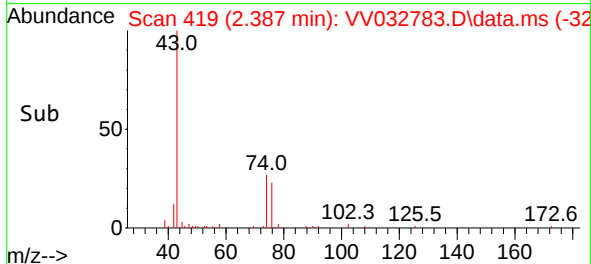
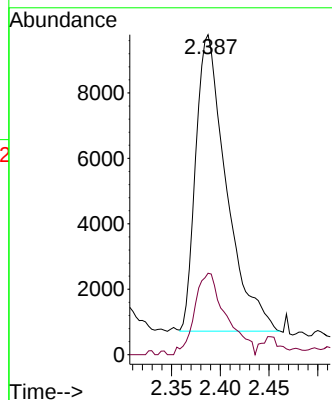
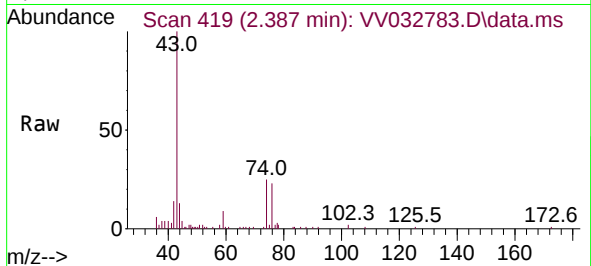




#15
Methyl Acetate
Concen: 4.182 ug/L
RT: 2.387 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV032783.D
Acq: 30 Oct 2023 19:45

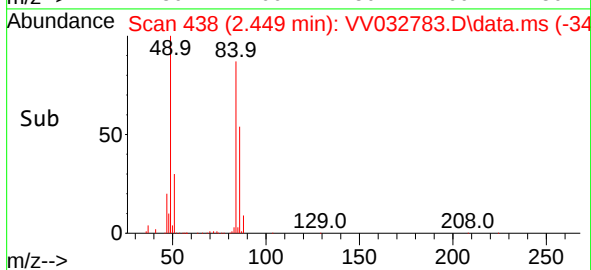
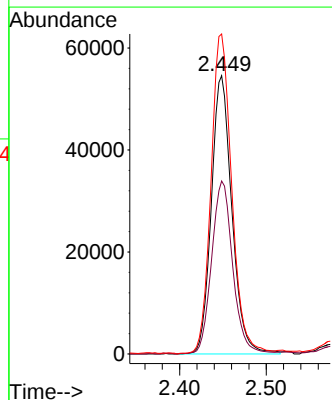
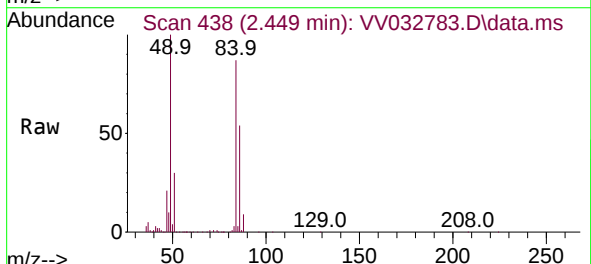
Instrument :
MSVOA_V
ClientSampleId :

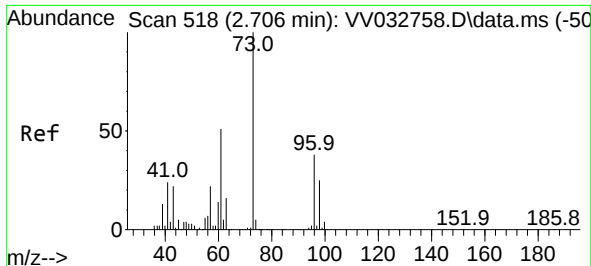
Tgt Ion: 43 Resp: 19846
Ion Ratio Lower Upper
43 100
74 28.0 23.1 34.7



#16
Methylene chloride
Concen: 6.045 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV032783.D
Acq: 30 Oct 2023 19:45

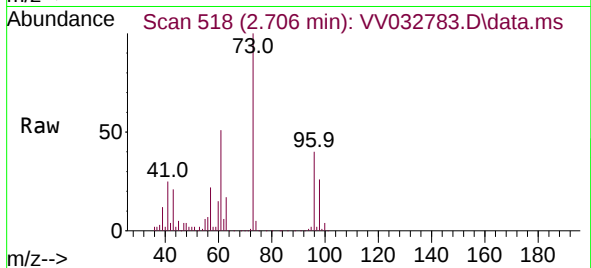
Tgt Ion: 84 Resp: 90008
Ion Ratio Lower Upper
84 100
86 62.1 44.8 83.2
49 115.0 81.1 150.5



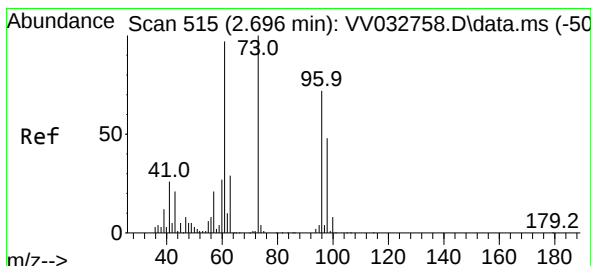
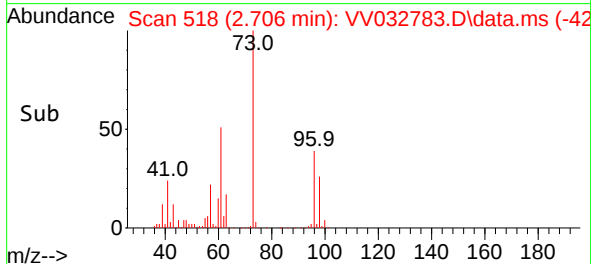
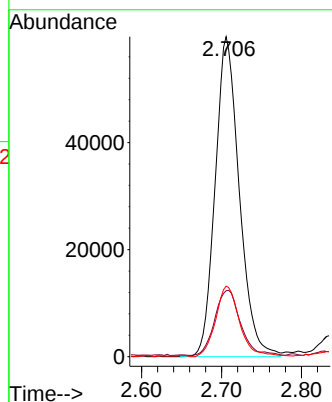


#17
Methyl tert-butyl Ether
Concen: 4.785 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV032783.D
Acq: 30 Oct 2023 19:45

Instrument :
MSVOA_V
ClientSampleId :

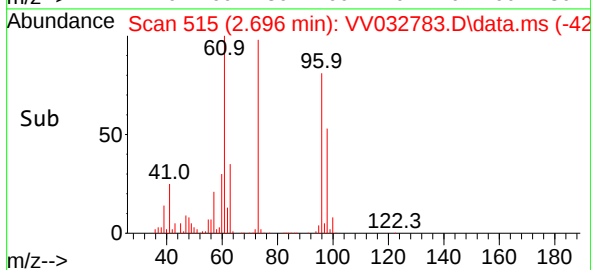
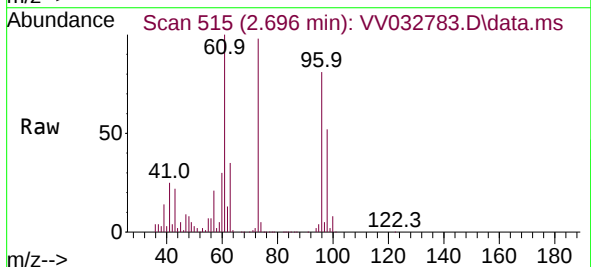
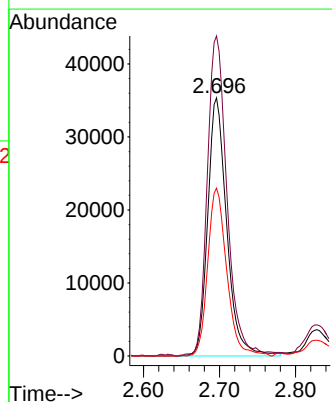


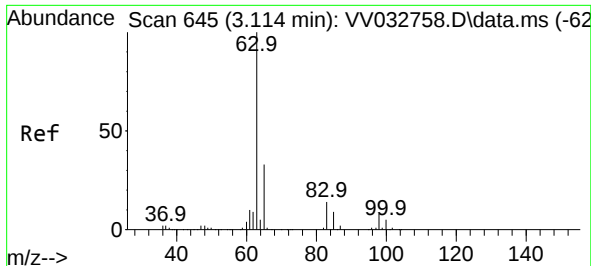
Tgt Ion: 73 Resp: 124983
Ion Ratio Lower Upper
73 100
43 21.6 16.6 24.8
57 22.0 18.1 27.1



#18
trans-1,2-Dichloroethene
Concen: 5.131 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV032783.D
Acq: 30 Oct 2023 19:45

Tgt Ion: 96 Resp: 61383
Ion Ratio Lower Upper
96 100
61 124.0 88.7 164.7
98 65.0 44.4 82.4





#19

1,1-Dichloroethane

Concen: 4.994 ug/L

RT: 3.114 min Scan# 645

Delta R.T. -0.000 min

Lab File: VV032783.D

Acq: 30 Oct 2023 19:45

Instrument :

MSVOA_V

ClientSampleId :

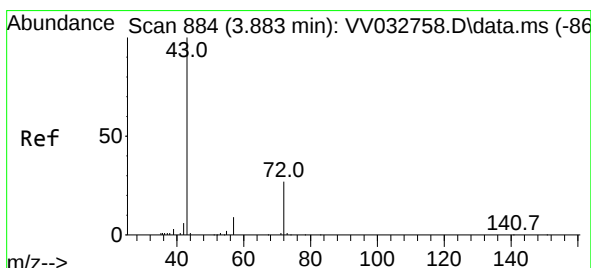
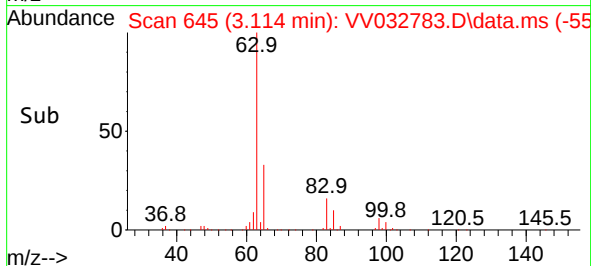
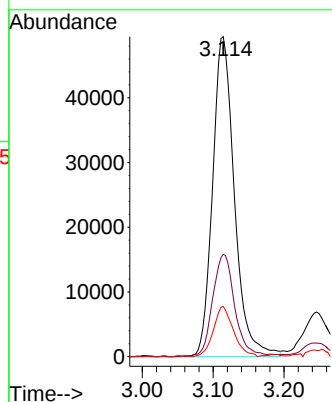
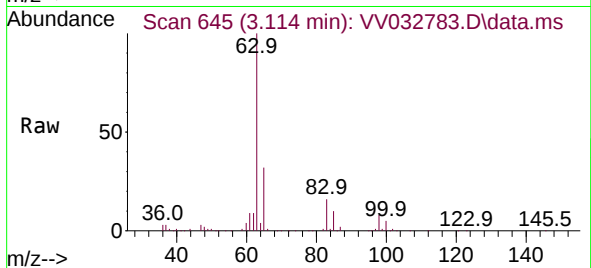
Tgt Ion: 63 Resp: 105925

Ion Ratio Lower Upper

63 100

65 32.0 21.5 39.9

83 15.7 9.2 17.0



#21

2-Butanone

Concen: 45.181 ug/L

RT: 3.889 min Scan# 886

Delta R.T. 0.006 min

Lab File: VV032783.D

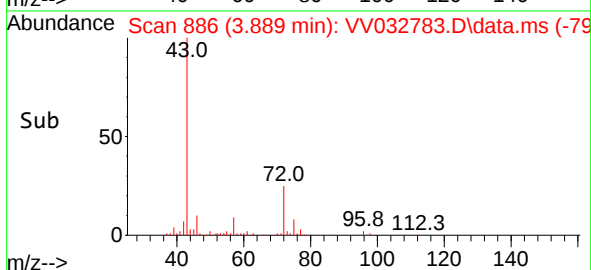
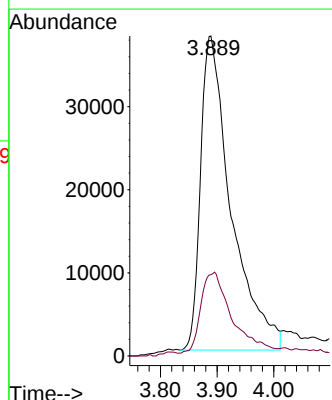
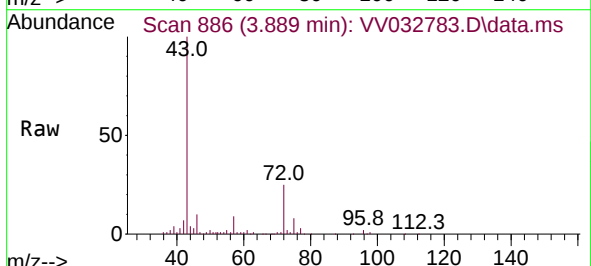
Acq: 30 Oct 2023 19:45

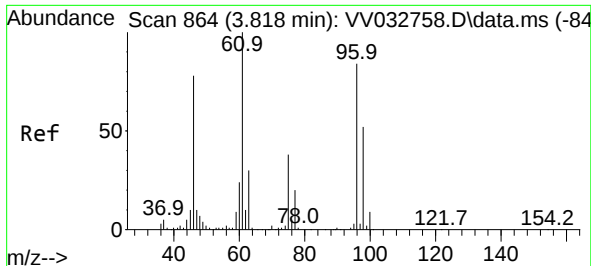
Tgt Ion: 43 Resp: 141565

Ion Ratio Lower Upper

43 100

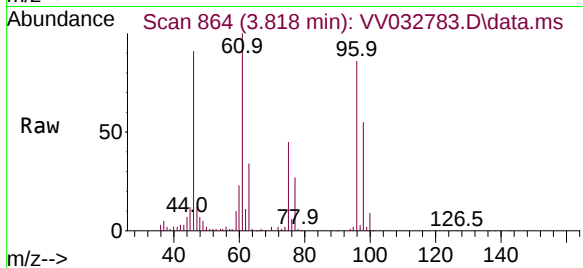
72 27.0 10.4 31.2





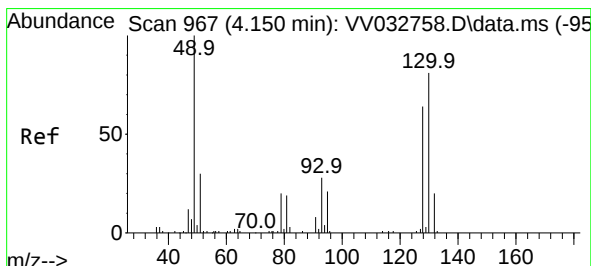
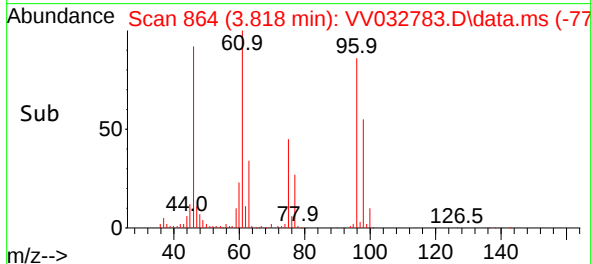
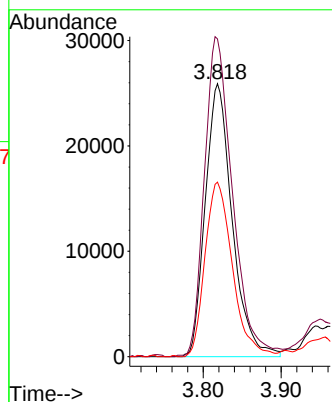
#22
 cis-1,2-Dichloroethene
 Concen: 5.133 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VV032783.D
 Acq: 30 Oct 2023 19:45

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 62264

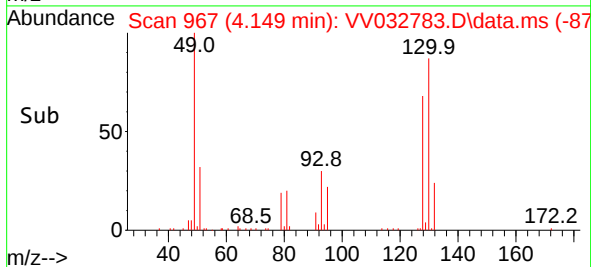
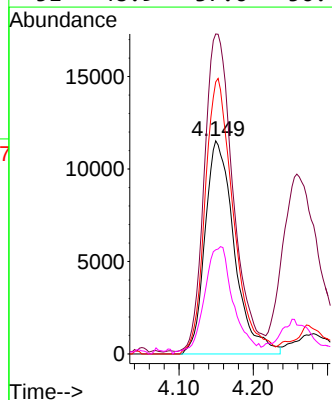
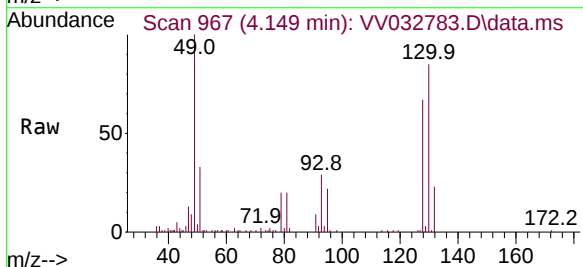
Ion	Ratio	Lower	Upper
96	100		
61	116.4	87.7	162.9
98	63.9	45.0	83.6

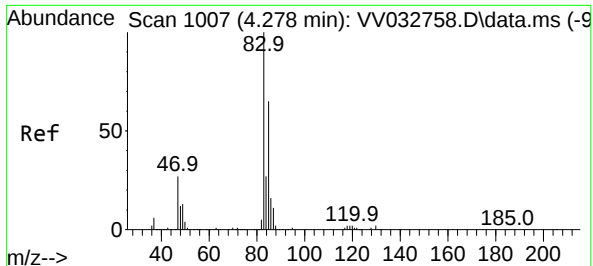


#23
 Bromochloromethane
 Concen: 5.597 ug/L
 RT: 4.149 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VV032783.D
 Acq: 30 Oct 2023 19:45

Tgt Ion: 128 Resp: 31581

Ion	Ratio	Lower	Upper
128	100		
49	150.2	110.4	205.0
130	127.6	86.8	161.2
51	48.9	37.6	56.4

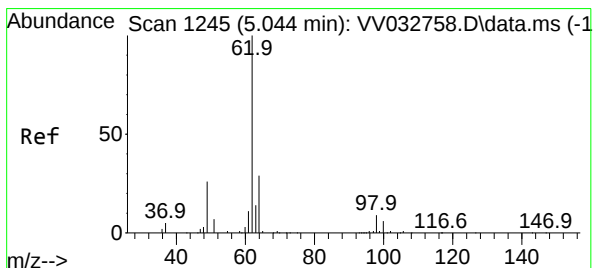
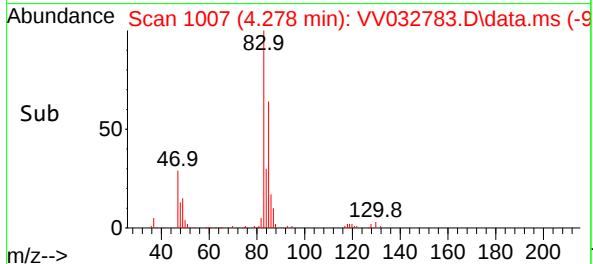
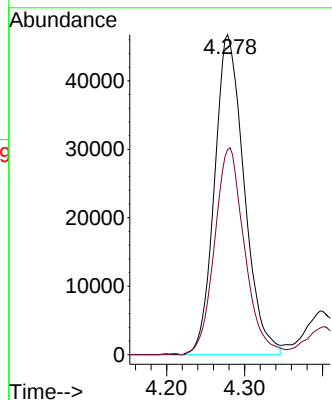
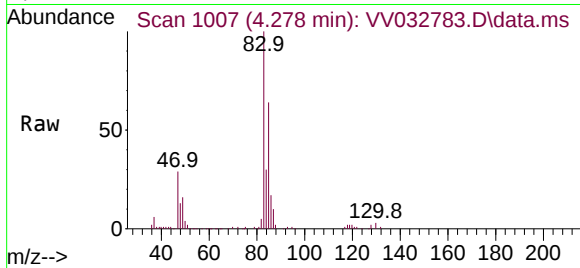




#25
Chloroform
Concen: 5.353 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VV032783.D
Acq: 30 Oct 2023 19:45

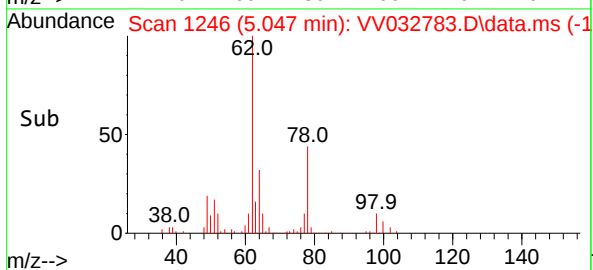
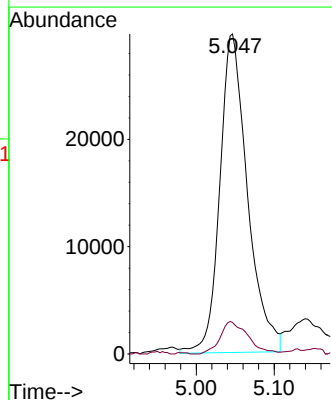
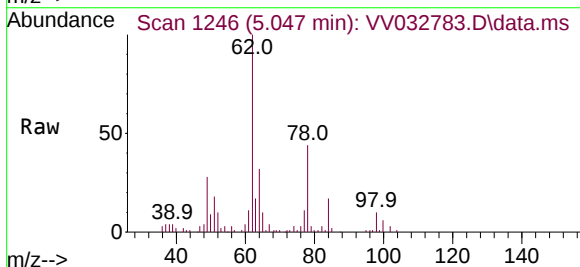
Instrument :
MSVOA_V
ClientSampleId :

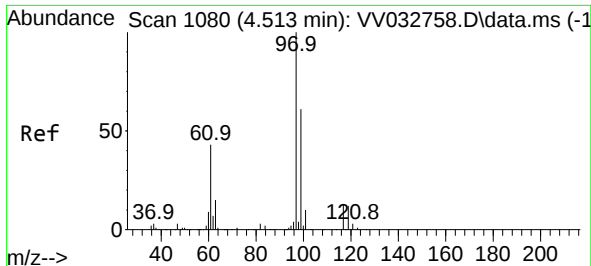
Tgt Ion: 83 Resp: 123429
Ion Ratio Lower Upper
83 100
85 64.1 45.7 84.9



#27
1,2-Dichloroethane
Concen: 5.121 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.003 min
Lab File: VV032783.D
Acq: 30 Oct 2023 19:45

Tgt Ion: 62 Resp: 73393
Ion Ratio Lower Upper
62 100
98 9.8 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 5.035 ug/L

RT: 4.516 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV032783.D

Acq: 30 Oct 2023 19:45

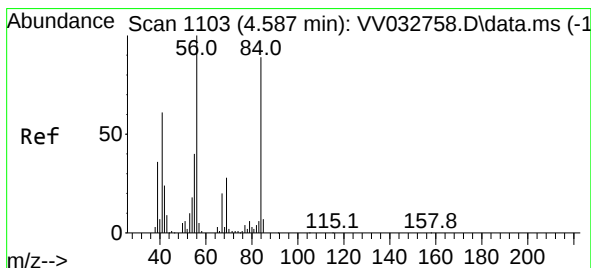
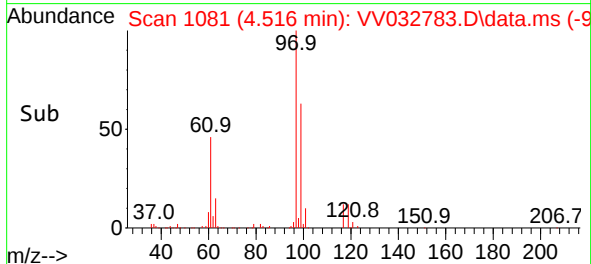
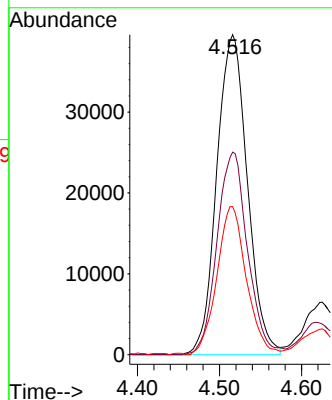
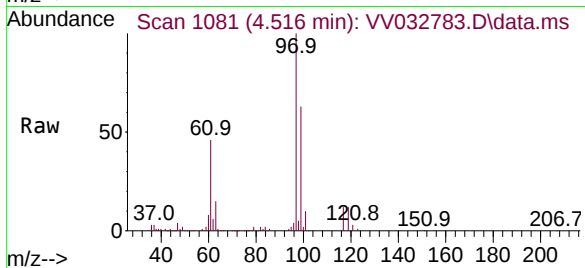
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 102704

Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.4	77.0
61	44.5	36.1	54.1



#30

Cyclohexane

Concen: 4.476 ug/L

RT: 4.587 min Scan# 1103

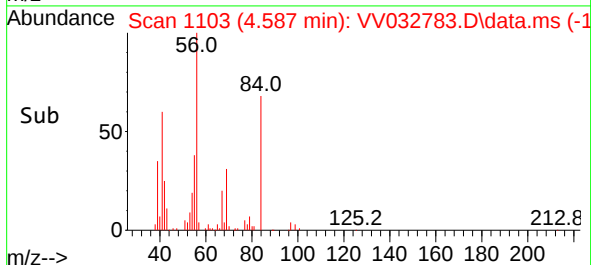
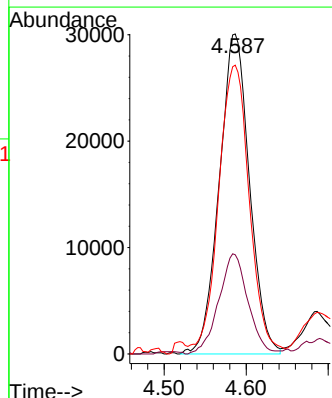
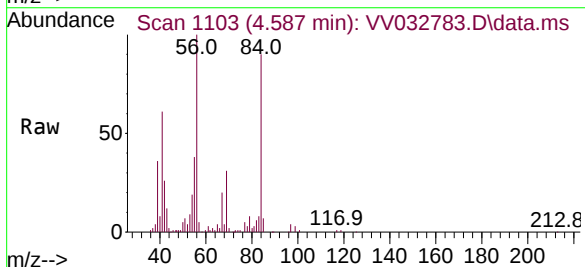
Delta R.T. -0.000 min

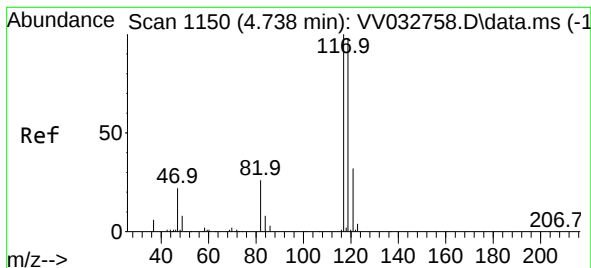
Lab File: VV032783.D

Acq: 30 Oct 2023 19:45

Tgt Ion: 56 Resp: 76954

Ion	Ratio	Lower	Upper
56	100		
69	30.3	25.0	37.6
84	92.2	72.9	109.3





#31

Carbon tetrachloride

Concen: 5.159 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. -0.000 min

Lab File: VV032783.D

Acq: 30 Oct 2023 19:45

Instrument :

MSVOA_V

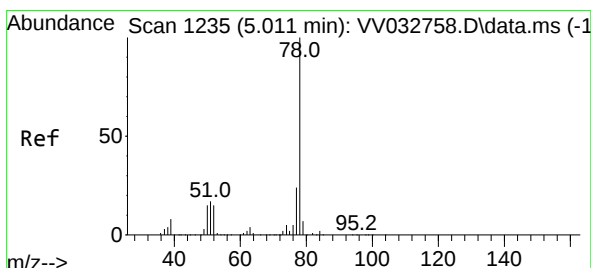
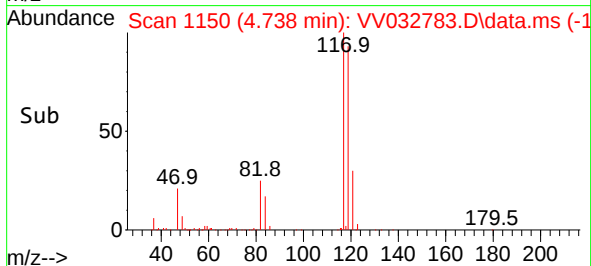
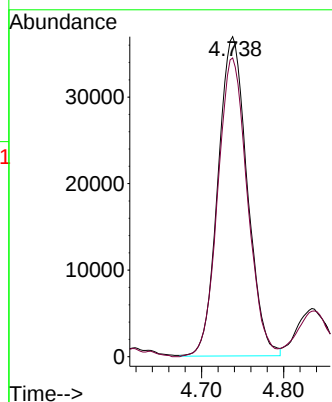
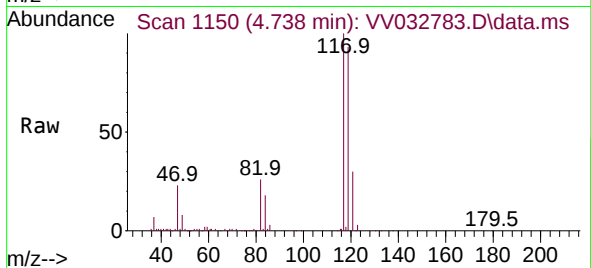
ClientSampleId :

Tgt Ion:117 Resp: 91546

Ion Ratio Lower Upper

117 100

119 94.6 77.8 116.6



#33

Benzene

Concen: 5.077 ug/L

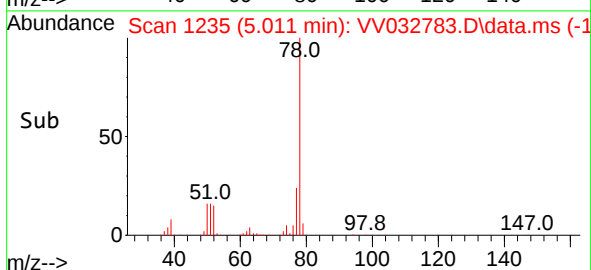
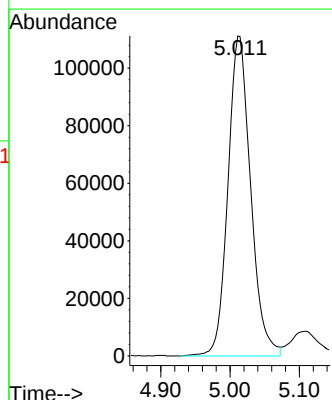
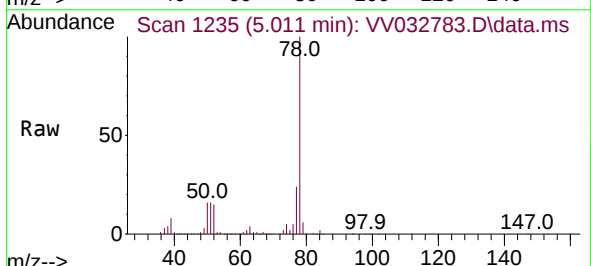
RT: 5.011 min Scan# 1235

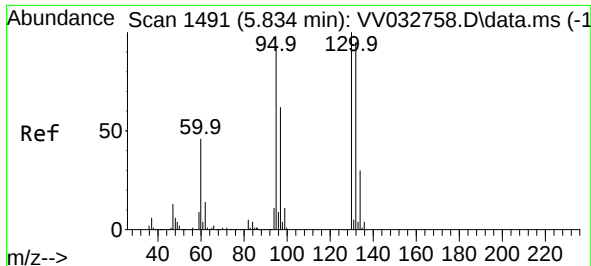
Delta R.T. -0.000 min

Lab File: VV032783.D

Acq: 30 Oct 2023 19:45

Tgt Ion: 78 Resp: 253062

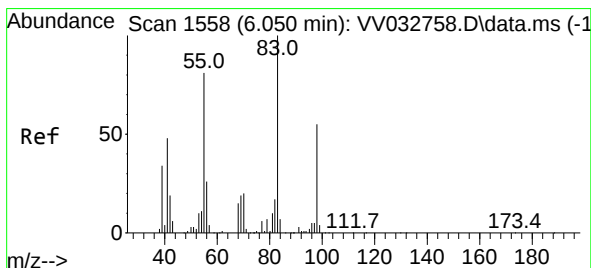
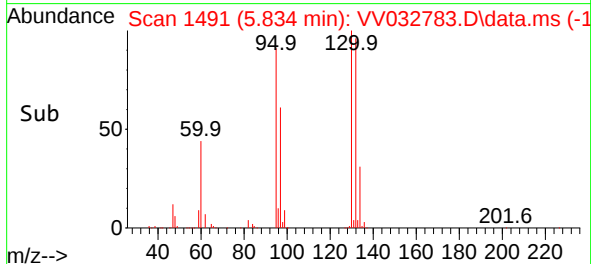
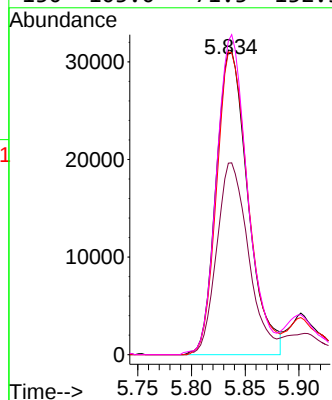
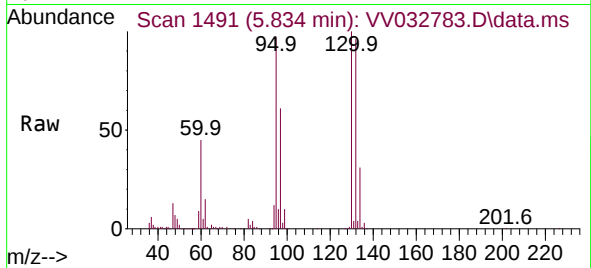




#34
 Trichloroethene
 Concen: 4.823 ug/L
 RT: 5.834 min Scan# 1491
 Delta R.T. -0.000 min
 Lab File: VV032783.D
 Acq: 30 Oct 2023 19:45

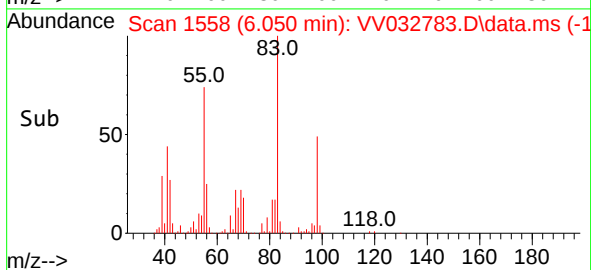
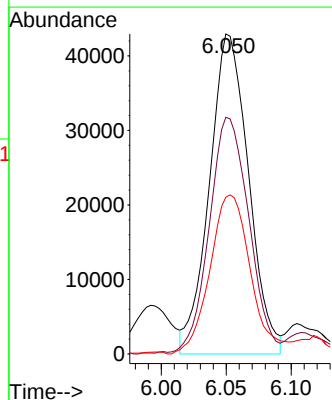
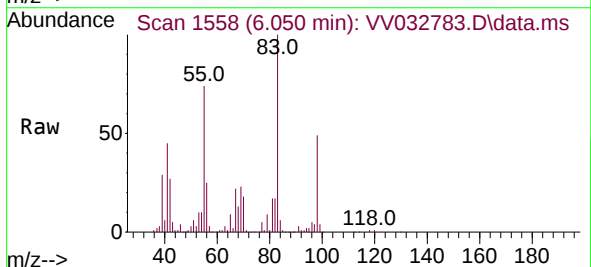
Instrument :
 MSVOA_V
 ClientSampleId :

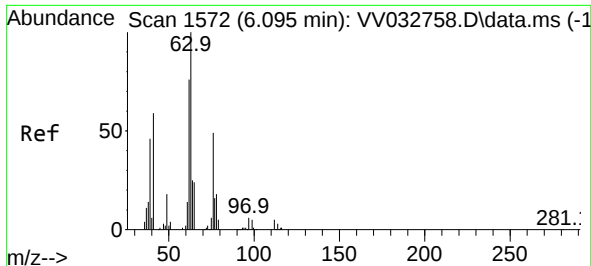
Tgt Ion:	95	Resp:	64223
Ion	Ratio	Lower	Upper
95	100		
97	62.8	44.0	81.8
132	99.3	66.9	124.3
130	103.0	71.3	132.3



#35
 Methylcyclohexane
 Concen: 4.527 ug/L
 RT: 6.050 min Scan# 1558
 Delta R.T. -0.000 min
 Lab File: VV032783.D
 Acq: 30 Oct 2023 19:45

Tgt Ion:	83	Resp:	90080
Ion	Ratio	Lower	Upper
83	100		
55	73.7	59.6	89.4
98	51.5	39.1	58.7

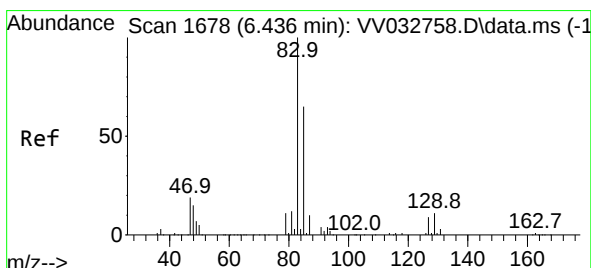
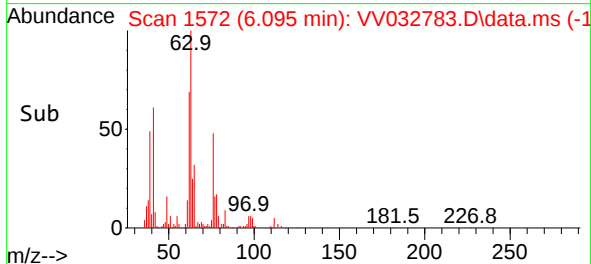
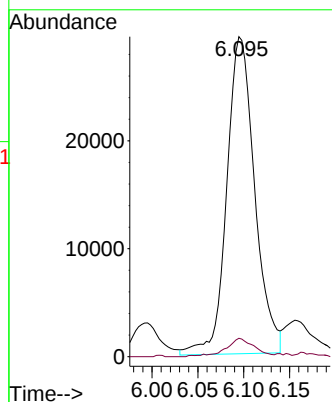
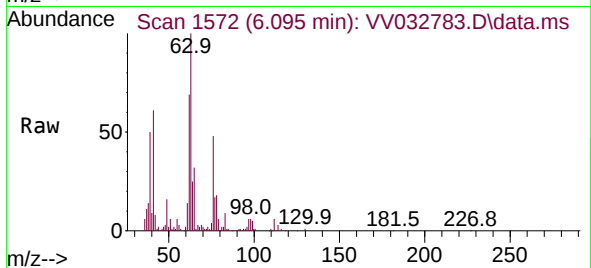




#37
1,2-Dichloropropane
Concen: 5.184 ug/L
RT: 6.095 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV032783.D
Acq: 30 Oct 2023 19:45

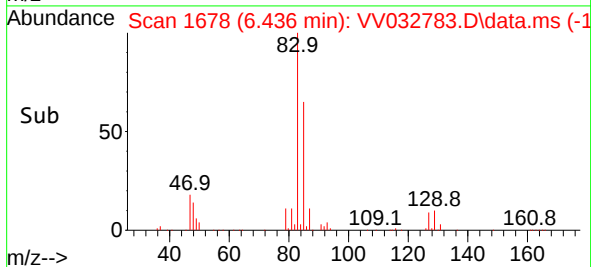
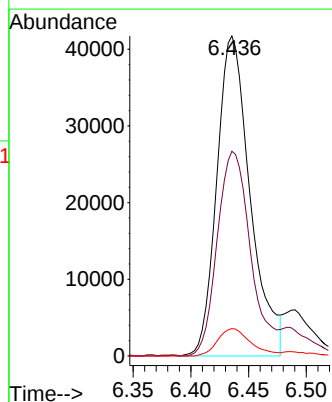
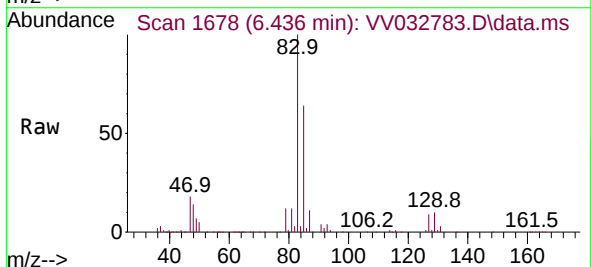
Instrument :
MSVOA_V
ClientSampleId :

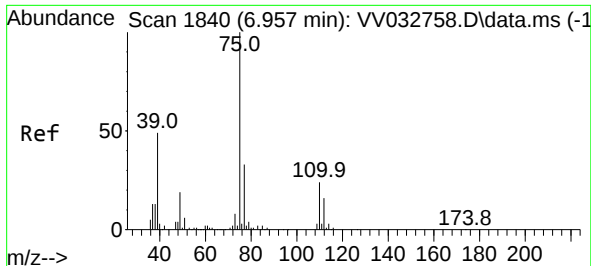
Tgt Ion: 63 Resp: 62353
Ion Ratio Lower Upper
63 100
112 5.9 4.6 7.0



#38
Bromodichloromethane
Concen: 4.727 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VV032783.D
Acq: 30 Oct 2023 19:45

Tgt Ion: 83 Resp: 84005
Ion Ratio Lower Upper
83 100
85 63.9 44.9 83.5
127 8.6 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.952 ug/L

RT: 6.956 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV032783.D

Acq: 30 Oct 2023 19:45

Instrument :

MSVOA_V

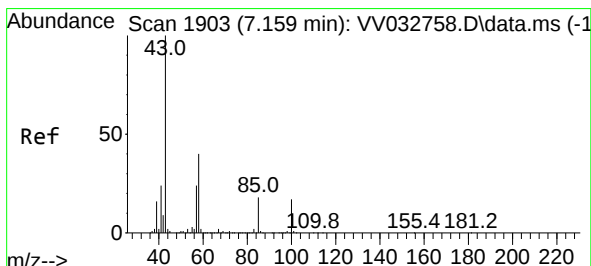
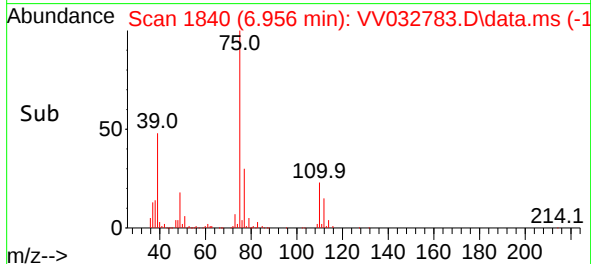
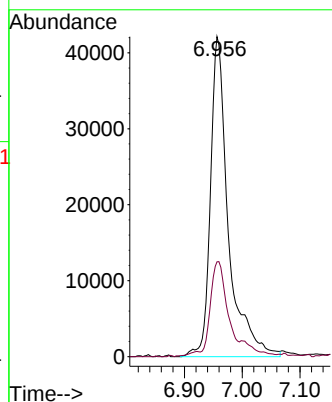
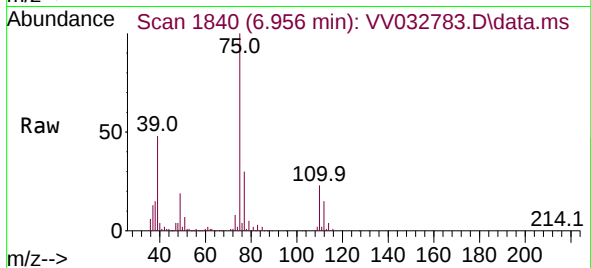
ClientSampleId :

Tgt Ion: 75 Resp: 90680

Ion Ratio Lower Upper

75 100

77 29.7 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 50.215 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.003 min

Lab File: VV032783.D

Acq: 30 Oct 2023 19:45

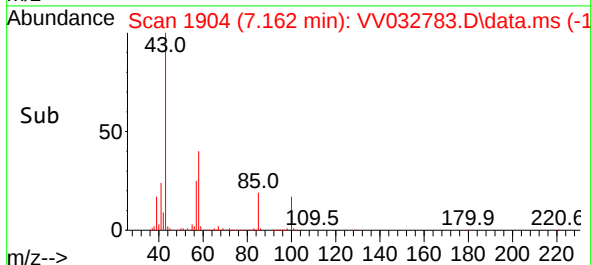
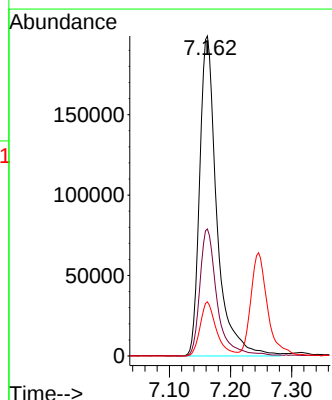
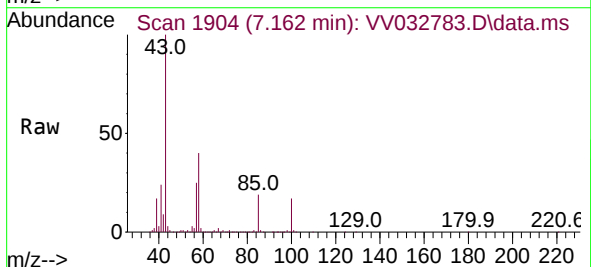
Tgt Ion: 43 Resp: 389700

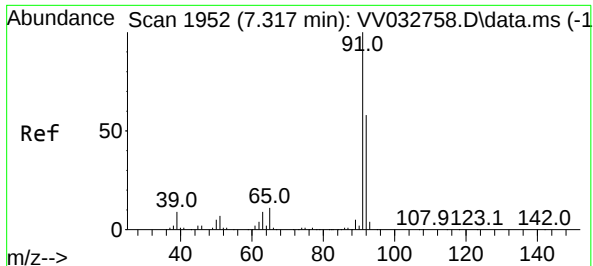
Ion Ratio Lower Upper

43 100

58 39.9 31.3 46.9

100 16.0 12.2 18.4





#42

Toluene

Concen: 5.223 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VV032783.D

Acq: 30 Oct 2023 19:45

Instrument :

MSVOA_V

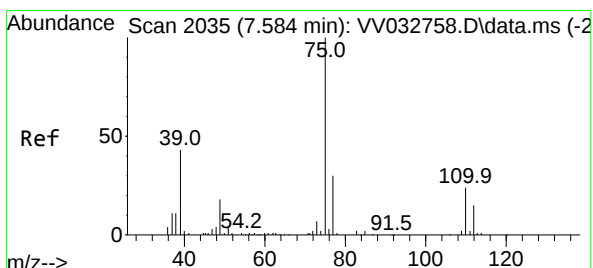
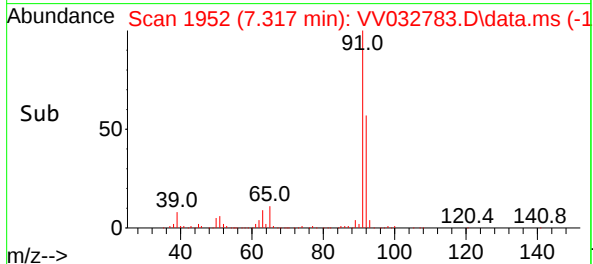
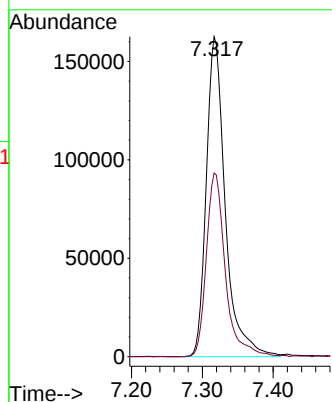
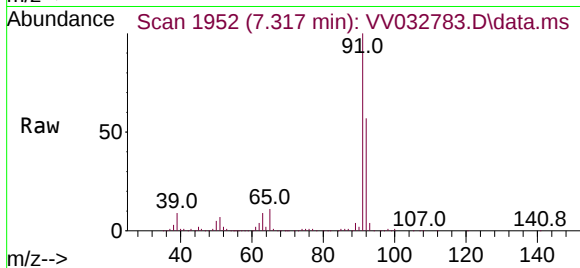
ClientSampleId :

Tgt Ion: 91 Resp: 302468

Ion Ratio Lower Upper

91 100

92 57.4 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 4.915 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV032783.D

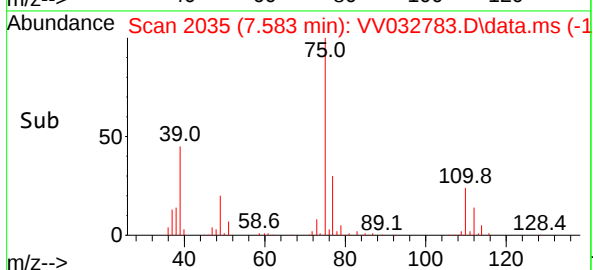
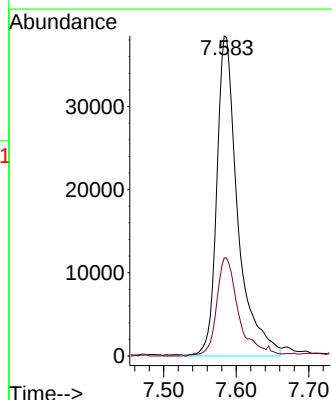
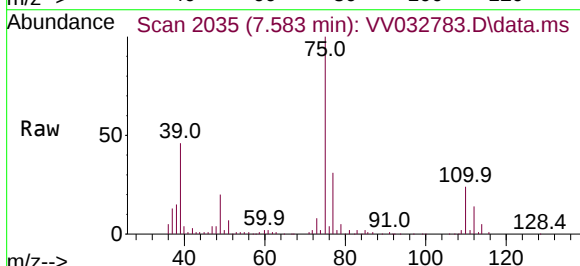
Acq: 30 Oct 2023 19:45

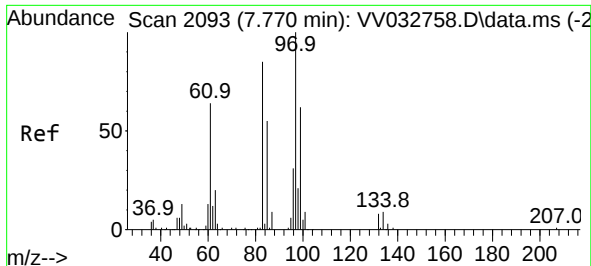
Tgt Ion: 75 Resp: 77457

Ion Ratio Lower Upper

75 100

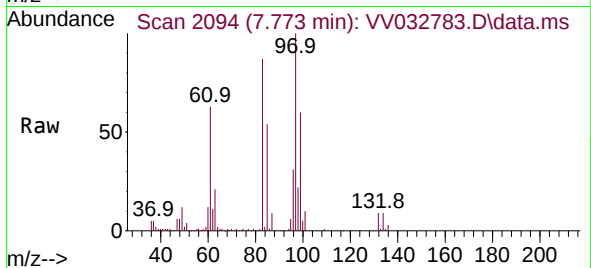
77 30.7 23.4 43.4



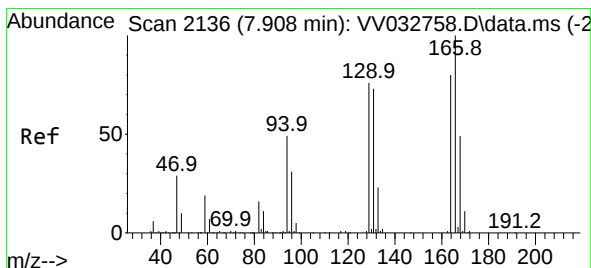
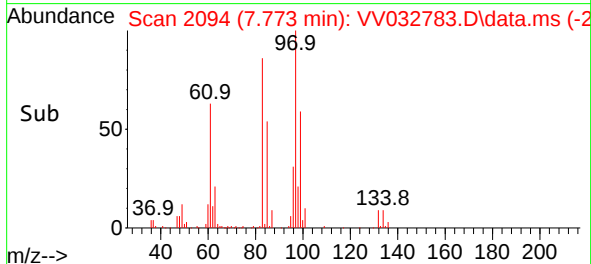
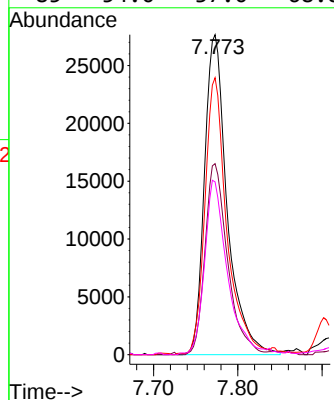


#45
1,1,2-Trichloroethane
Concen: 5.116 ug/L
RT: 7.773 min Scan# 2093
Delta R.T. 0.003 min
Lab File: VV032783.D
Acq: 30 Oct 2023 19:45

Instrument :
MSVOA_V
ClientSampleId :

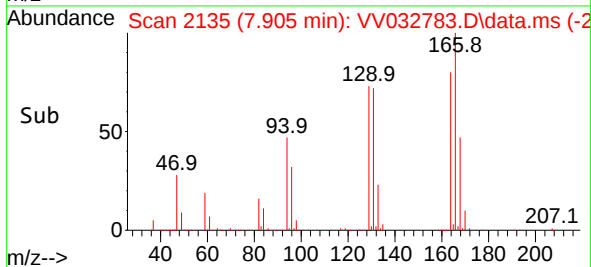
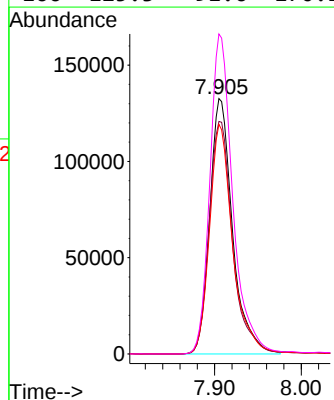
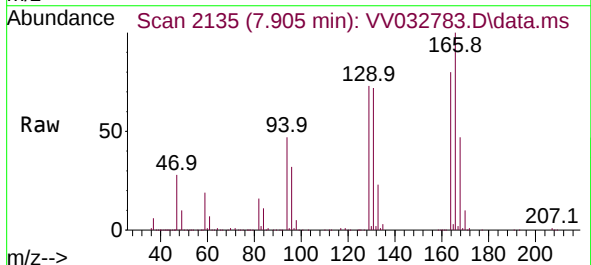


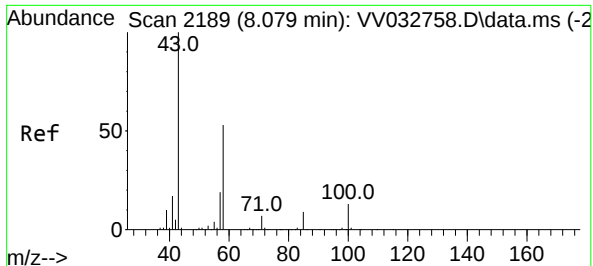
Tgt Ion:	97	Resp:	51971
Ion	Ratio	Lower	Upper
97	100		
99	59.7	44.0	81.8
83	86.6	59.9	111.3
85	54.0	37.0	68.8



#47
Tetrachloroethene
Concen: 20.669 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.003 min
Lab File: VV032783.D
Acq: 30 Oct 2023 19:45

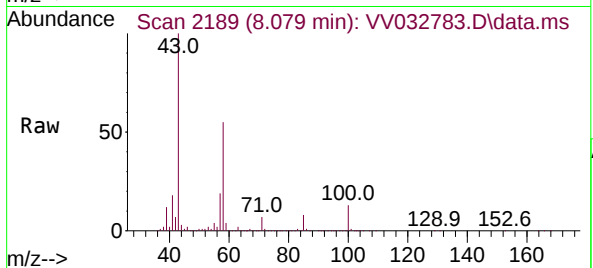
Tgt Ion:	164	Resp:	243229
Ion	Ratio	Lower	Upper
164	100		
129	91.1	65.3	121.3
131	89.9	66.6	123.8
166	125.3	91.6	170.2



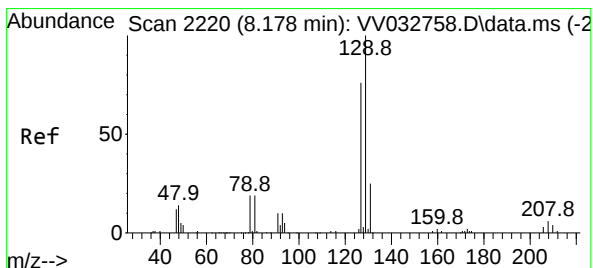
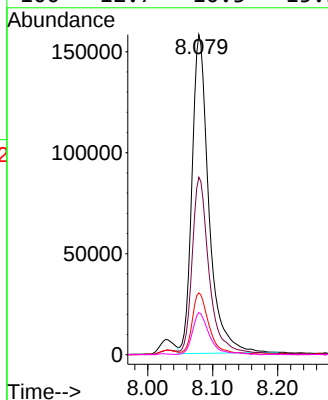
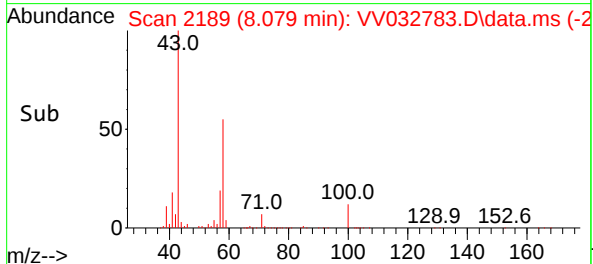


#48
2-Hexanone
Concen: 50.336 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV032783.D
Acq: 30 Oct 2023 19:45

Instrument :
MSVOA_V
ClientSampleId :

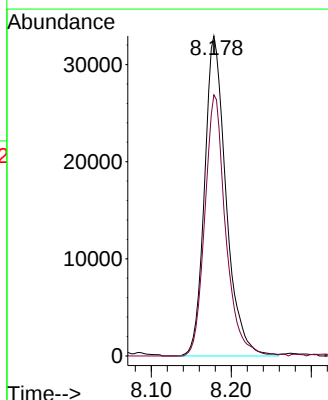
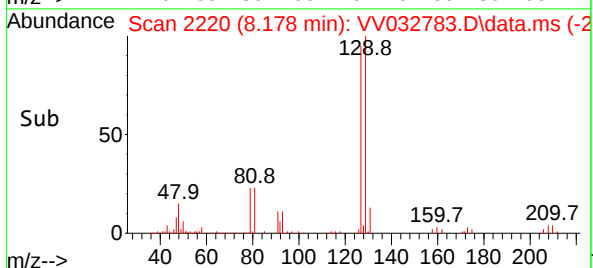
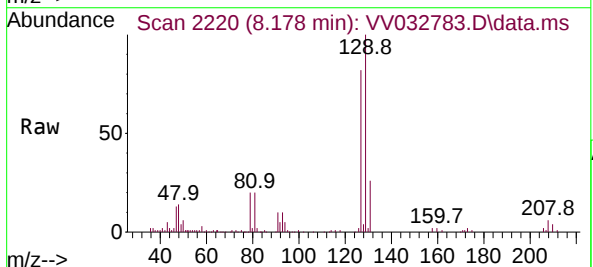


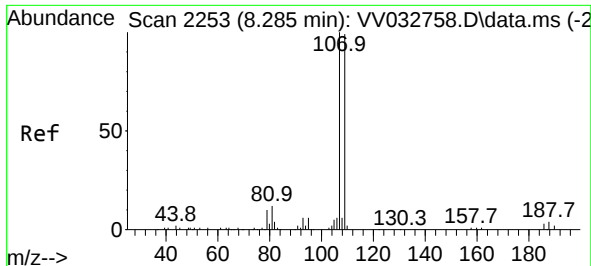
Tgt Ion:	43	Resp:	285717
Ion	Ratio	Lower	Upper
43	100		
58	55.9	43.8	65.6
57	19.1	15.1	22.7
100	12.7	10.3	15.5



#49
Dibromochloromethane
Concen: 5.110 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. -0.000 min
Lab File: VV032783.D
Acq: 30 Oct 2023 19:45

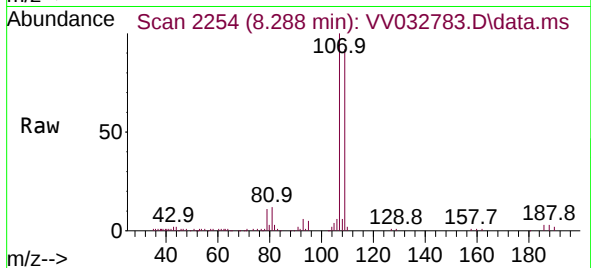
Tgt Ion:	129	Resp:	61570
Ion	Ratio	Lower	Upper
129	100		
127	81.6	54.0	100.4



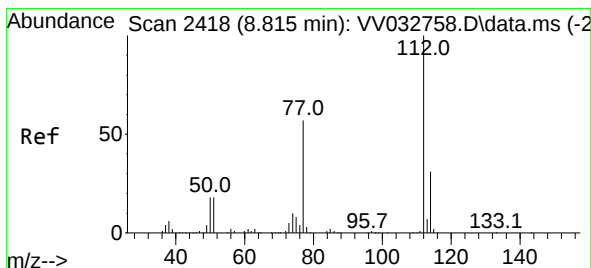
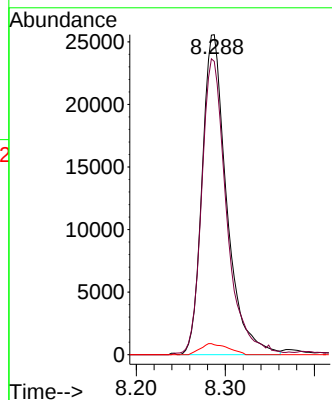
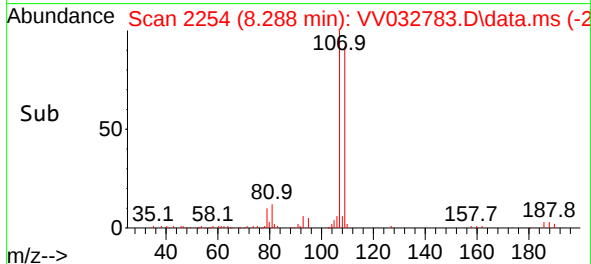


#50
 1,2-Dibromoethane
 Concen: 5.170 ug/L
 RT: 8.288 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV032783.D
 Acq: 30 Oct 2023 19:45

Instrument :
 MSVOA_V
 ClientSampleId :

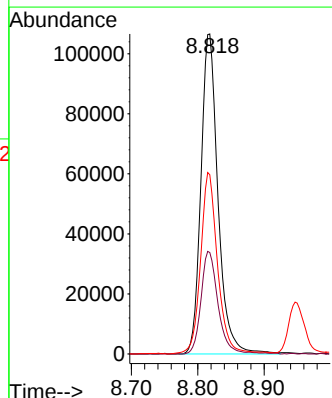
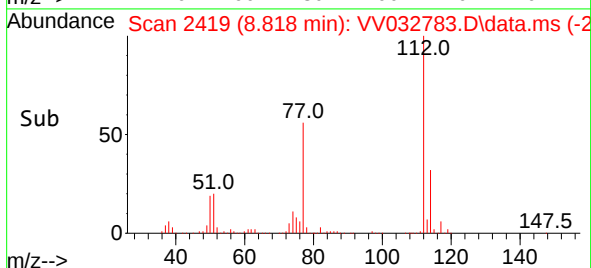
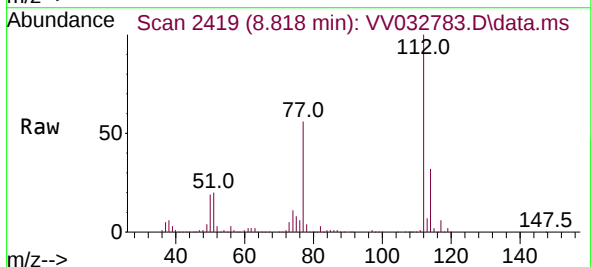


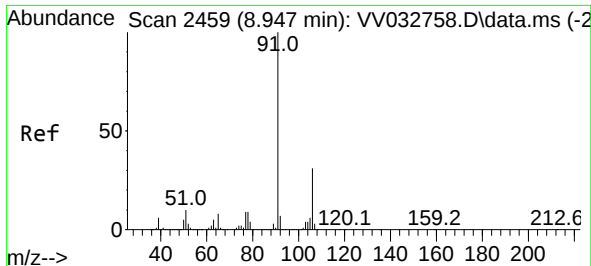
Tgt Ion:107 Resp: 49010
 Ion Ratio Lower Upper
 107 100
 109 91.6 66.4 123.4
 188 3.1 2.9 4.3



#51
 Chlorobenzene
 Concen: 4.982 ug/L
 RT: 8.818 min Scan# 2419
 Delta R.T. 0.003 min
 Lab File: VV032783.D
 Acq: 30 Oct 2023 19:45

Tgt Ion:112 Resp: 190611
 Ion Ratio Lower Upper
 112 100
 114 31.7 22.7 42.3
 77 56.0 45.7 68.5





#52

Ethylbenzene

Concen: 4.995 ug/L

RT: 8.950 min Scan# 2459

Delta R.T. 0.003 min

Lab File: VV032783.D

Acq: 30 Oct 2023 19:45

Instrument :

MSVOA_V

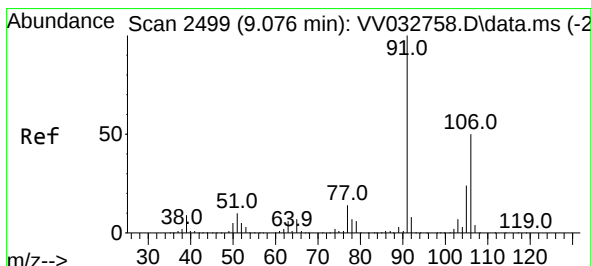
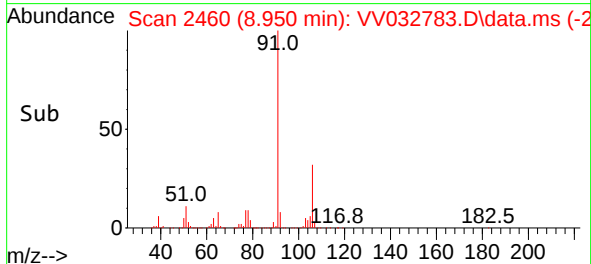
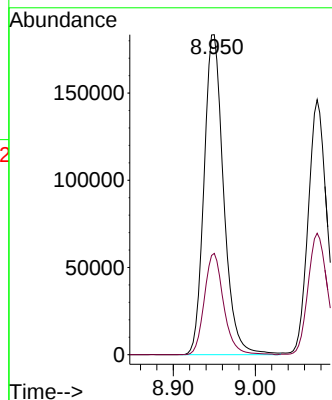
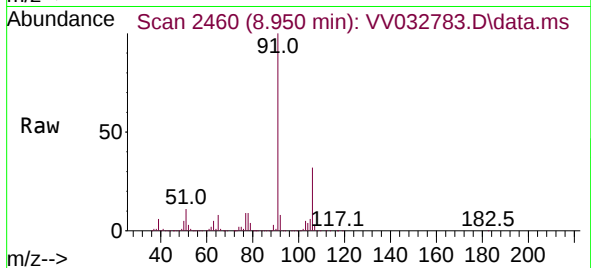
ClientSampleId :

Tgt Ion: 91 Resp: 304076

Ion Ratio Lower Upper

91 100

106 31.6 20.9 38.9



#53

m,p-Xylene

Concen: 5.089 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. -0.000 min

Lab File: VV032783.D

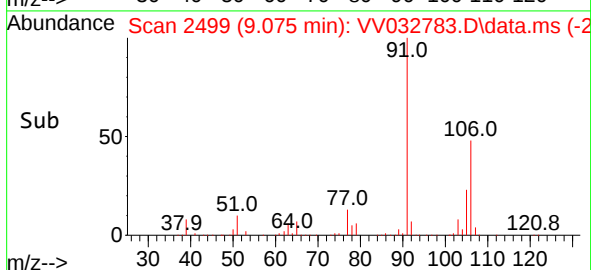
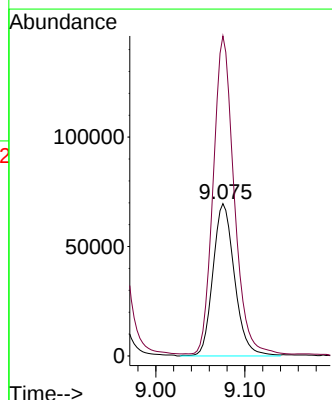
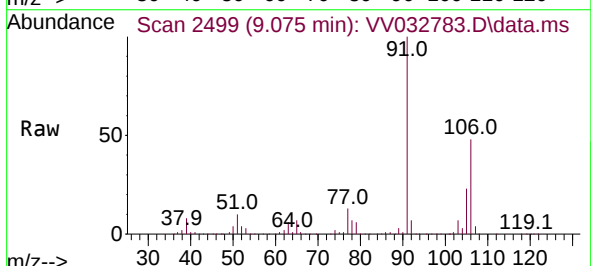
Acq: 30 Oct 2023 19:45

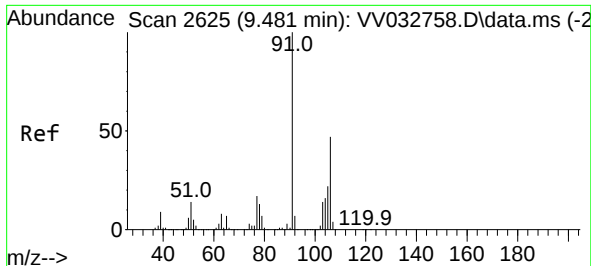
Tgt Ion: 106 Resp: 117305

Ion Ratio Lower Upper

106 100

91 210.0 139.3 258.7





#54

o-Xylene

Concen: 5.117 ug/L

RT: 9.480 min Scan# 2625

Delta R.T. -0.000 min

Lab File: VV032783.D

Acq: 30 Oct 2023 19:45

Instrument :

MSVOA_V

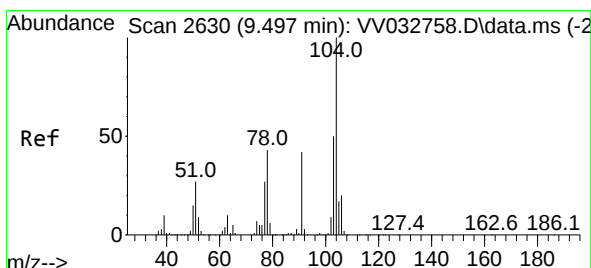
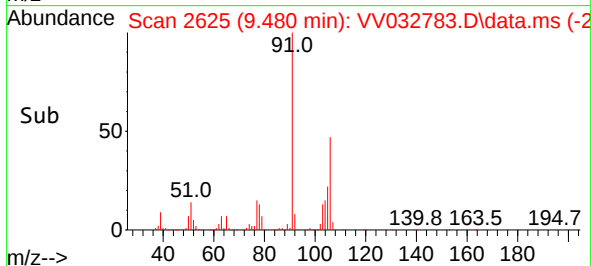
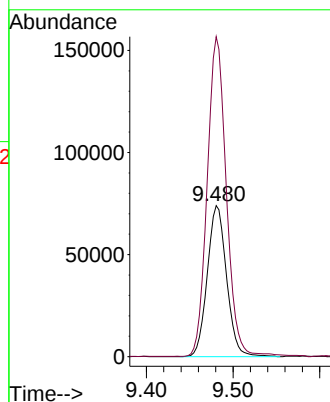
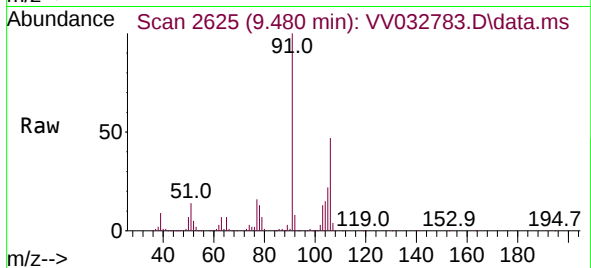
ClientSampleId :

Tgt Ion:106 Resp: 114420

Ion Ratio Lower Upper

106 100

91 211.8 147.4 273.8



#55

Styrene

Concen: 5.357 ug/L

RT: 9.500 min Scan# 2631

Delta R.T. 0.003 min

Lab File: VV032783.D

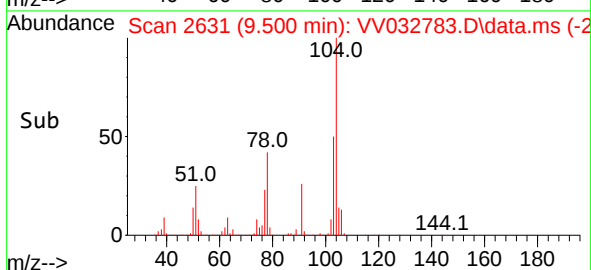
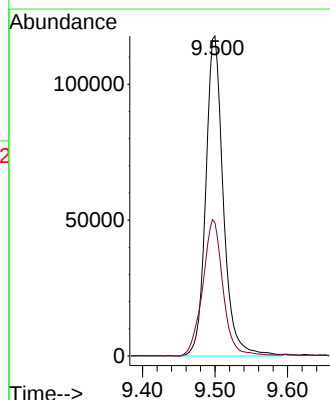
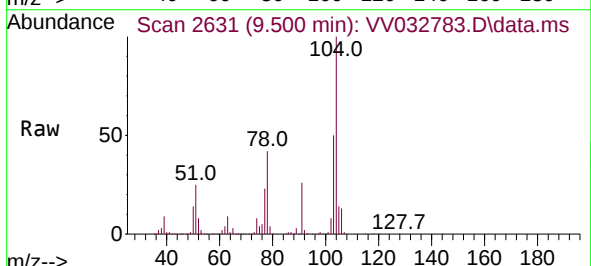
Acq: 30 Oct 2023 19:45

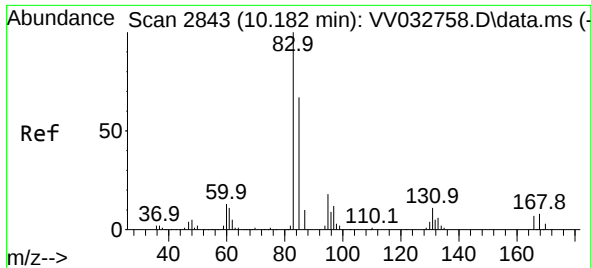
Tgt Ion:104 Resp: 198448

Ion Ratio Lower Upper

104 100

78 41.7 30.5 56.7

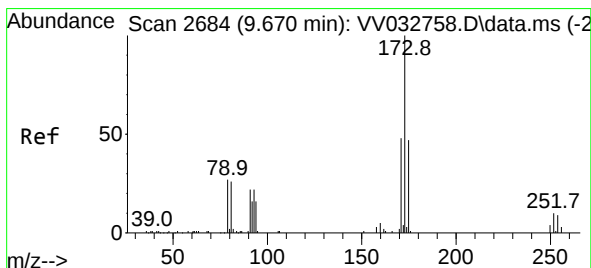
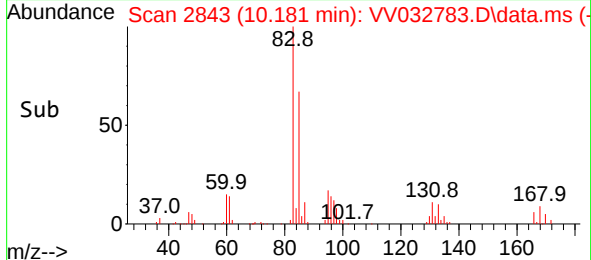
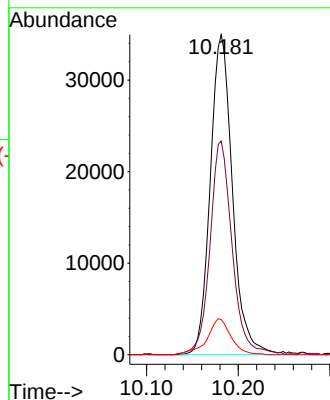
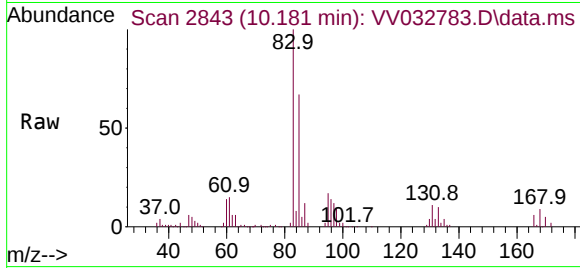




#57
1,1,2,2-Tetrachloroethane
Concen: 4.960 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VV032783.D
Acq: 30 Oct 2023 19:45

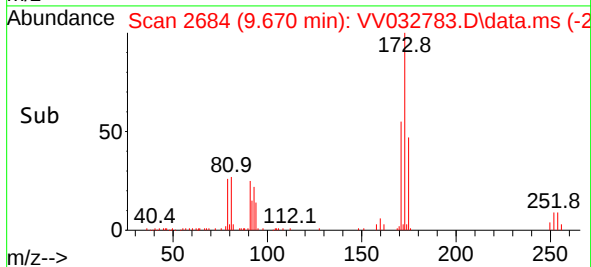
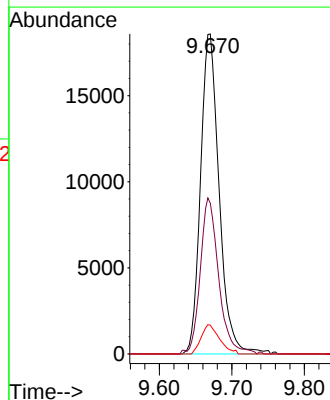
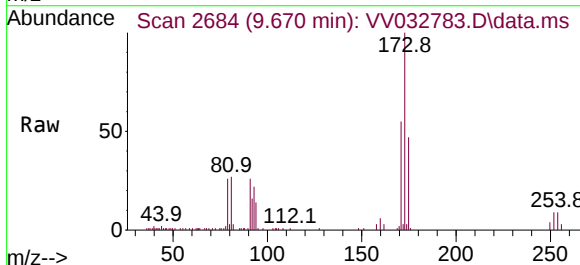
Instrument :
MSVOA_V
ClientSampleId :

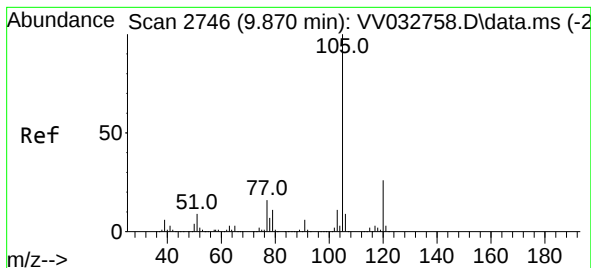
Tgt Ion: 83 Resp: 58767
Ion Ratio Lower Upper
83 100
85 66.8 44.0 81.8
131 11.0 7.8 11.8



#59
Bromoform
Concen: 4.780 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. -0.000 min
Lab File: VV032783.D
Acq: 30 Oct 2023 19:45

Tgt Ion: 173 Resp: 33144
Ion Ratio Lower Upper
173 100
175 48.1 38.4 57.6
254 9.0 6.9 10.3





#60

Isopropylbenzene

Concen: 4.719 ug/L

RT: 9.869 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV032783.D

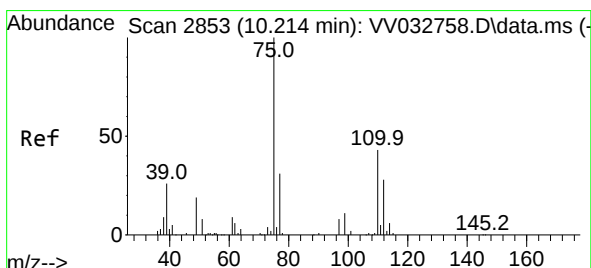
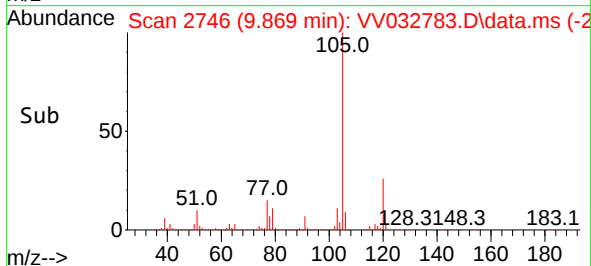
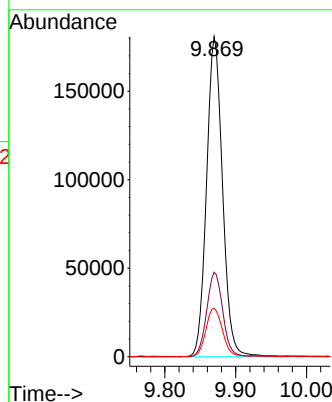
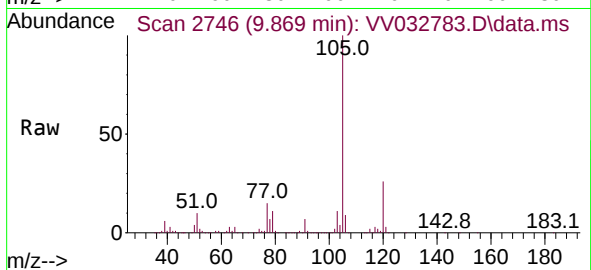
Acq: 30 Oct 2023 19:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	105	Resp:	283046
Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.0	31.6
77	15.6	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 4.692 ug/L

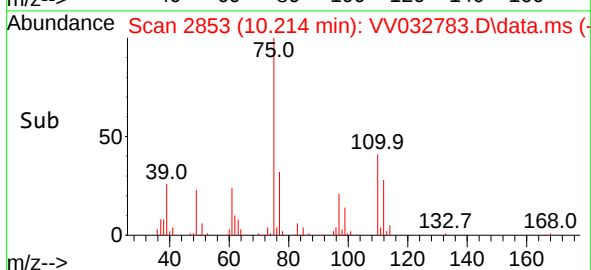
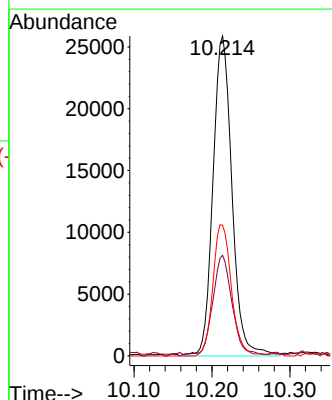
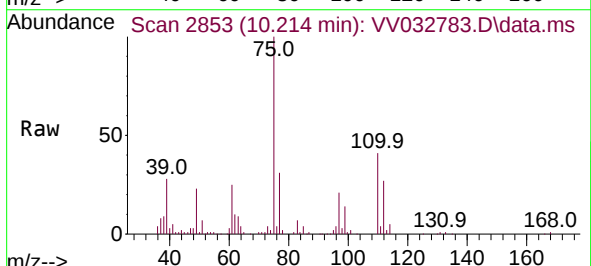
RT: 10.214 min Scan# 2853

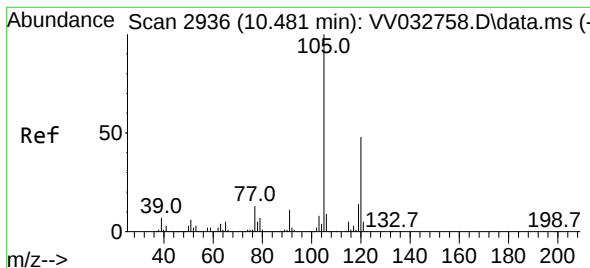
Delta R.T. -0.000 min

Lab File: VV032783.D

Acq: 30 Oct 2023 19:45

Tgt Ion:	75	Resp:	43856
Ion	Ratio	Lower	Upper
75	100		
77	30.4	24.5	36.7
110	39.8	32.3	48.5





#62

1,3,5-Trimethylbenzene

Concen: 4.594 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VV032783.D

Acq: 30 Oct 2023 19:45

Instrument :

MSVOA_V

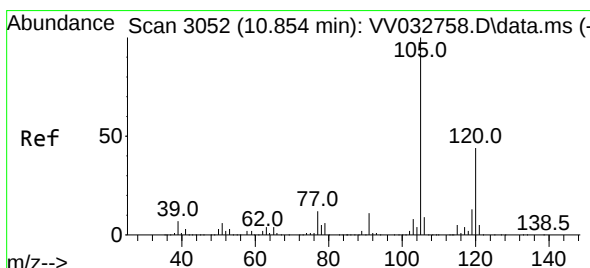
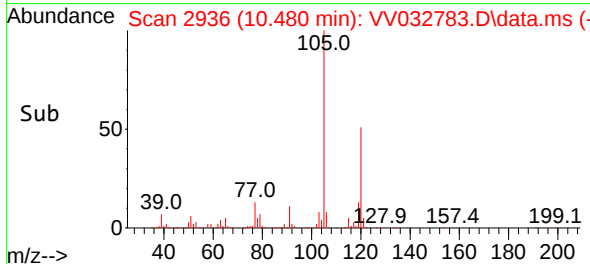
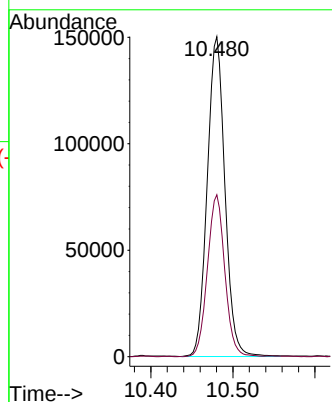
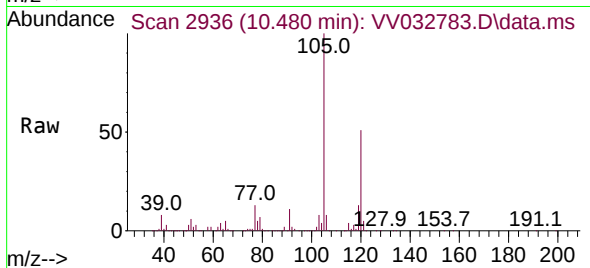
ClientSampleId :

Tgt Ion:105 Resp: 225294

Ion Ratio Lower Upper

105 100

120 49.9 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 4.632 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. -0.000 min

Lab File: VV032783.D

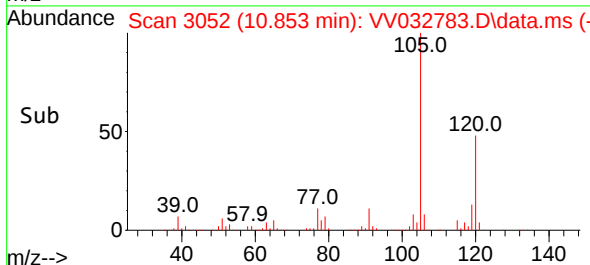
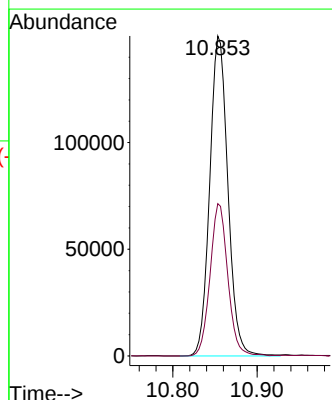
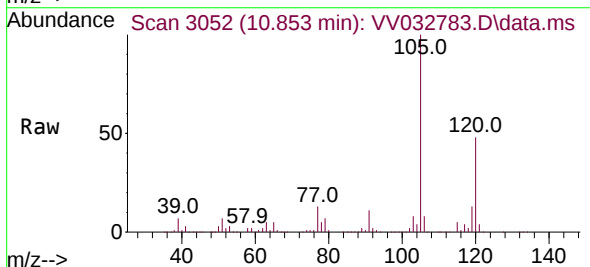
Acq: 30 Oct 2023 19:45

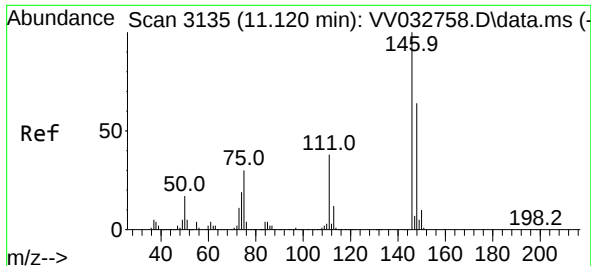
Tgt Ion:105 Resp: 224429

Ion Ratio Lower Upper

105 100

120 46.6 36.9 55.3

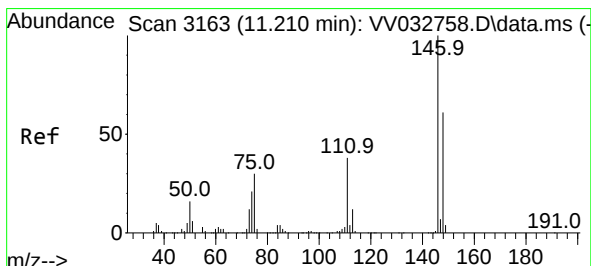
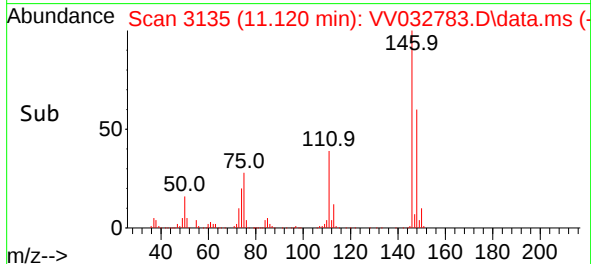
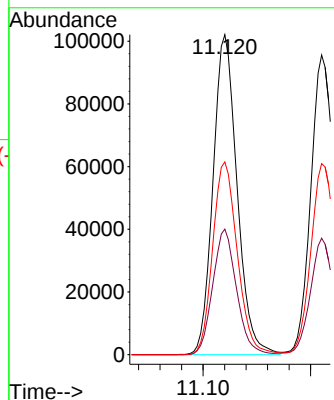
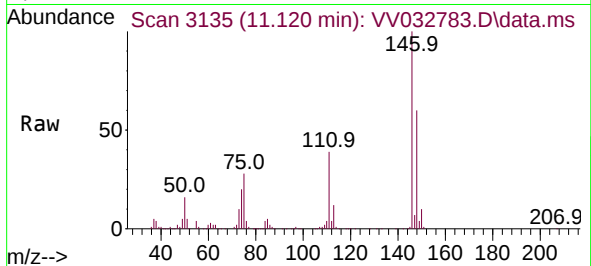




#64
1,3-Dichlorobenzene
Concen: 4.923 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VV032783.D
Acq: 30 Oct 2023 19:45

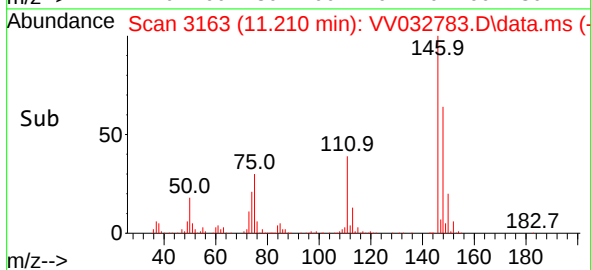
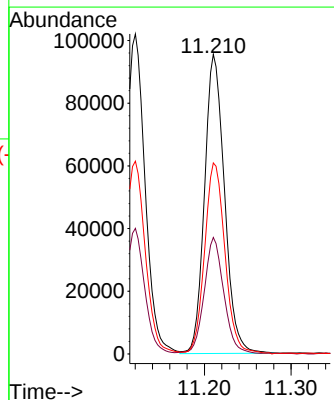
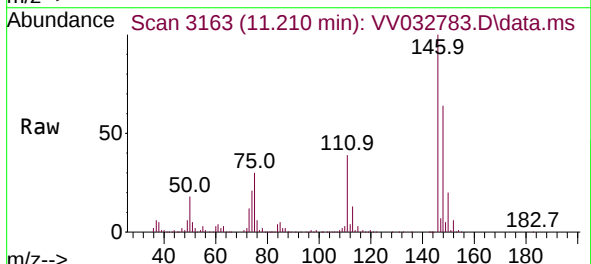
Instrument :
MSVOA_V
ClientSampleId :

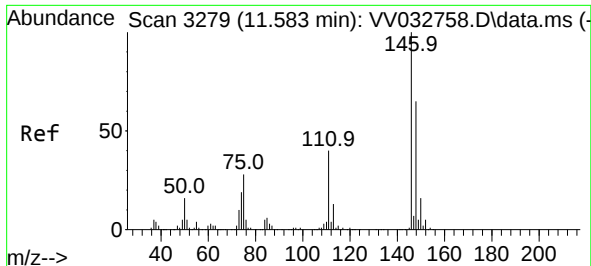
Tgt Ion:146 Resp: 158442
Ion Ratio Lower Upper
146 100
111 39.3 26.8 49.8
148 60.3 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.784 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV032783.D
Acq: 30 Oct 2023 19:45

Tgt Ion:146 Resp: 152836
Ion Ratio Lower Upper
146 100
111 38.9 26.2 48.8
148 63.7 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 4.790 ug/L

RT: 11.583 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032783.D

Acq: 30 Oct 2023 19:45

Instrument :

MSVOA_V

ClientSampleId :

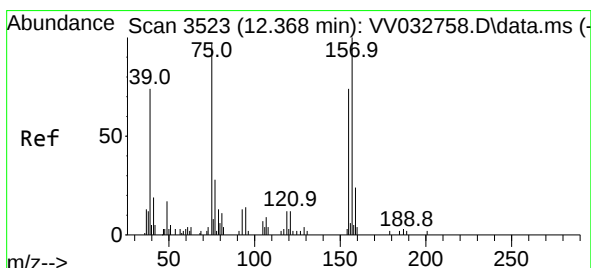
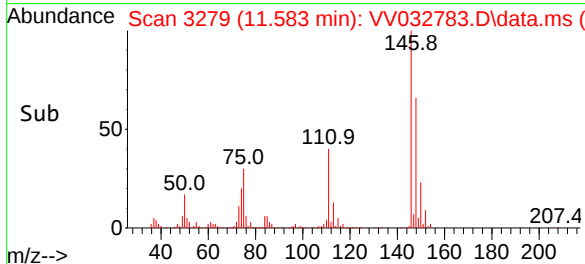
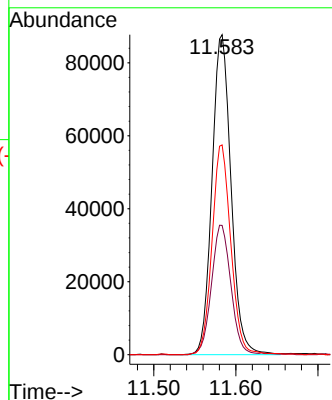
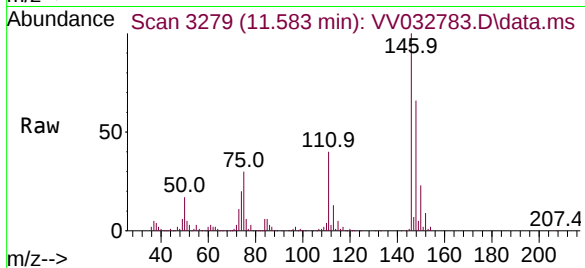
Tgt Ion:146 Resp: 141773

Ion Ratio Lower Upper

146 100

111 40.4 34.2 51.4

148 65.5 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 3.980 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.003 min

Lab File: VV032783.D

Acq: 30 Oct 2023 19:45

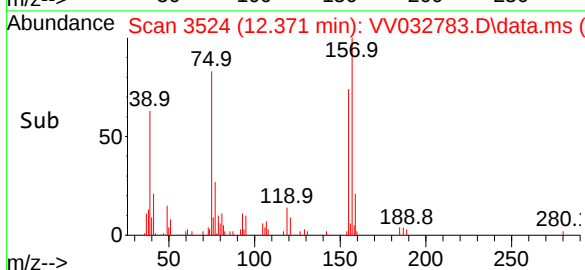
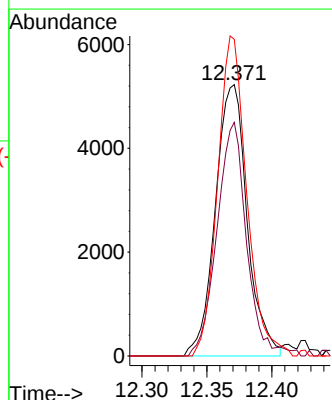
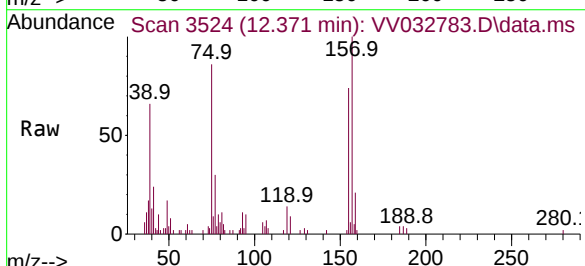
Tgt Ion: 75 Resp: 8891

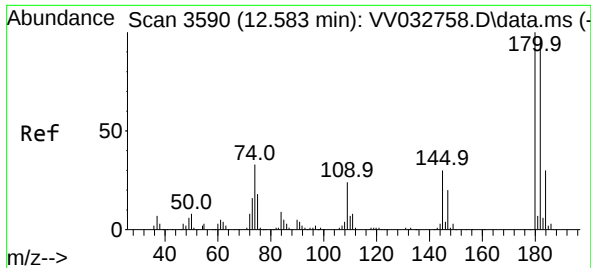
Ion Ratio Lower Upper

75 100

155 86.1 70.1 105.1

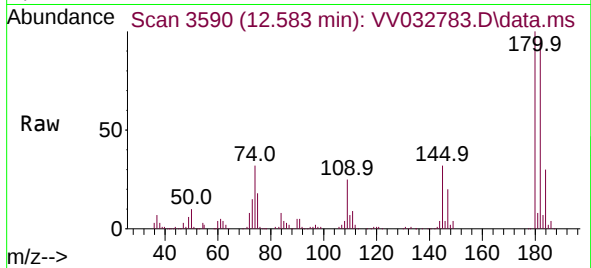
157 116.7 90.2 135.2





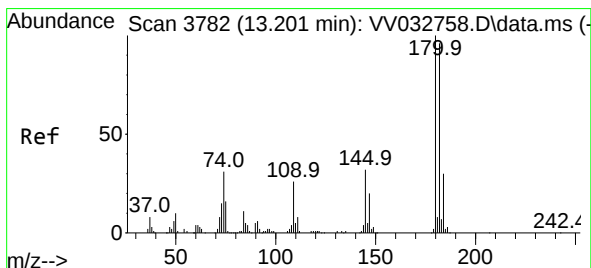
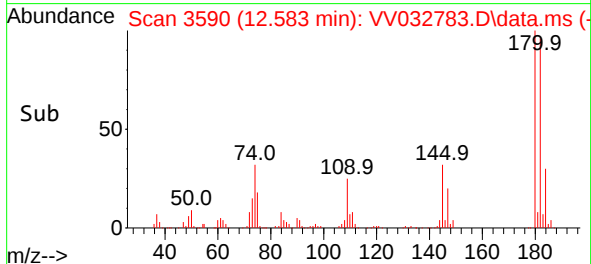
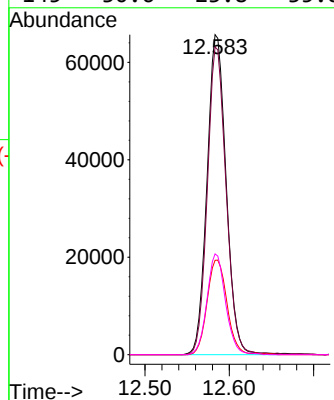
#69
 1,3,5-Trichlorobenzene
 Concen: 4.526 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. -0.000 min
 Lab File: VV032783.D
 Acq: 30 Oct 2023 19:45

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 103972

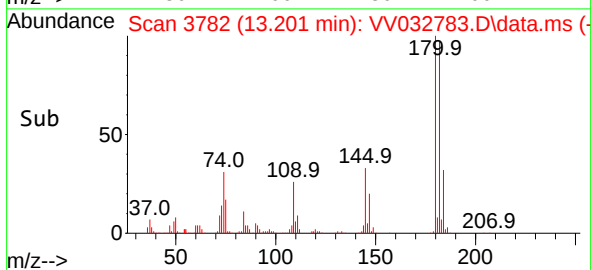
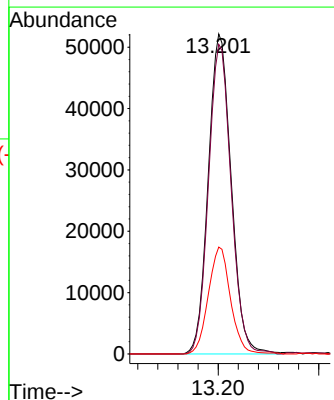
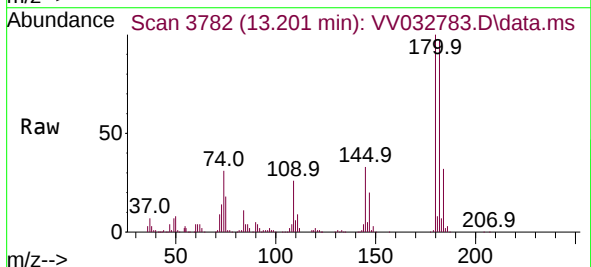
Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.6	115.0
184	30.6	24.3	36.5
145	30.6	23.8	35.8

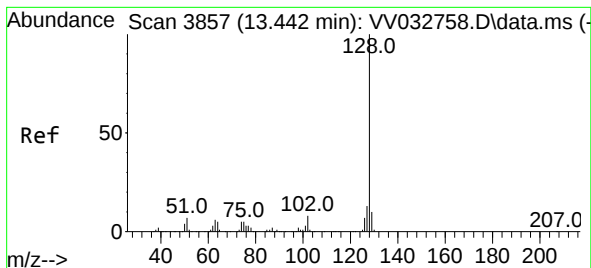


#70
 1,2,4-trichlorobenzene
 Concen: 4.236 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. -0.000 min
 Lab File: VV032783.D
 Acq: 30 Oct 2023 19:45

Tgt Ion:180 Resp: 82580

Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.7	113.5
145	32.3	25.0	37.4





#71

Naphthalene

Concen: 3.845 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. -0.000 min

Lab File: VV032783.D

Acq: 30 Oct 2023 19:45

Instrument :

MSVOA_V

ClientSampleId :

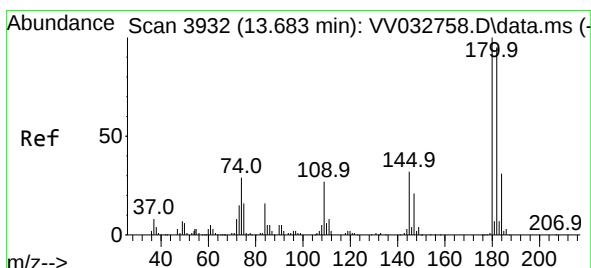
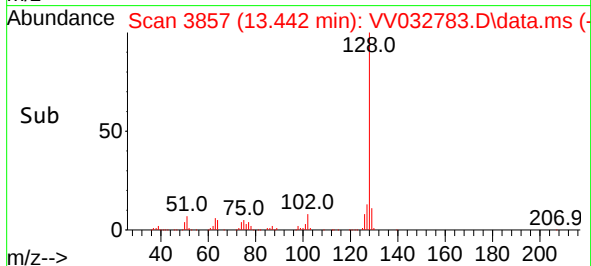
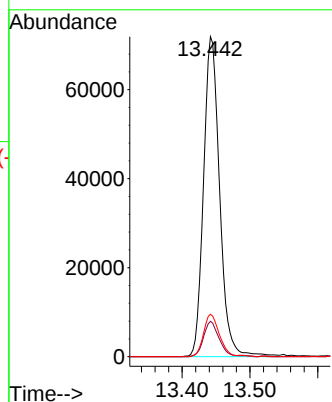
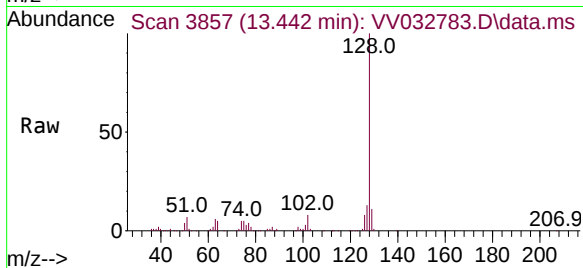
Tgt Ion:128 Resp: 118780

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

127 12.9 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.609 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. -0.000 min

Lab File: VV032783.D

Acq: 30 Oct 2023 19:45

Tgt Ion:180 Resp: 78996

Ion Ratio Lower Upper

180 100

182 91.3 75.4 113.2

145 32.8 26.4 39.6

