

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101923\
 Data File : VW032497.D
 Acq On : 19 Oct 2023 15:17
 Operator : SY/MD
 Sample : 04944-16DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 20 06:23:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 20 06:17:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	97897	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	109592	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	51233	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	34860	4.378	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.532	69	31658	4.898	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.060	65	14398	4.288	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	3.812	46	86345	42.871	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.740%
24) Chloroform-d	4.256	84	62299	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	4.947	65	31263	4.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	4.963	84	118911	3.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
36) 1,2-Dichloropropane-d6	5.992	67	39150	3.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.200%
41) Toluene-d8	7.246	98	112117	3.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	7.558	79	13332	3.521	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.030	63	73197	41.091	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.180%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32597	4.362	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	39509	4.156	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	9969	0.914	ug/L	96
5) Vinyl chloride	1.282	62	12013	1.145	ug/L	98
8) Chloroethane	1.552	64	26157	4.142	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	21988	2.885	ug/L	99
12) 1,1-Dichloroethene	2.072	96	4848	0.675	ug/L #	1
13) Acetone	2.137	43	69559	44.809	ug/L	99
15) Methyl Acetate	2.391	43	9022	2.582	ug/L	97
16) Methylene chloride	2.452	84	5410	0.578	ug/L	97
18) trans-1,2-Dichloroethene	2.699	96	6250	0.760	ug/L	95
19) 1,1-Dichloroethane	3.117	63	9058	0.586	ug/L	95
22) cis-1,2-Dichloroethene	3.822	96	9361	1.057	ug/L	95
23) Bromochloromethane	4.159	128	4914	1.319	ug/L	91
25) Chloroform	4.281	83	34636	2.282	ug/L	100
27) 1,2-Dichloroethane	5.059	62	5813	0.648	ug/L	100
29) 1,1,1-Trichloroethane	4.523	97	7725	0.518	ug/L	91
31) Carbon tetrachloride	4.741	117	9550	0.757	ug/L	96
34) Trichloroethene	5.841	95	5871	0.557	ug/L	95
39) cis-1,3-Dichloropropene	6.963	75	13965	0.951	ug/L	98
40) 4-Methyl-2-pentanone	7.166	43	87030	13.328	ug/L	95

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

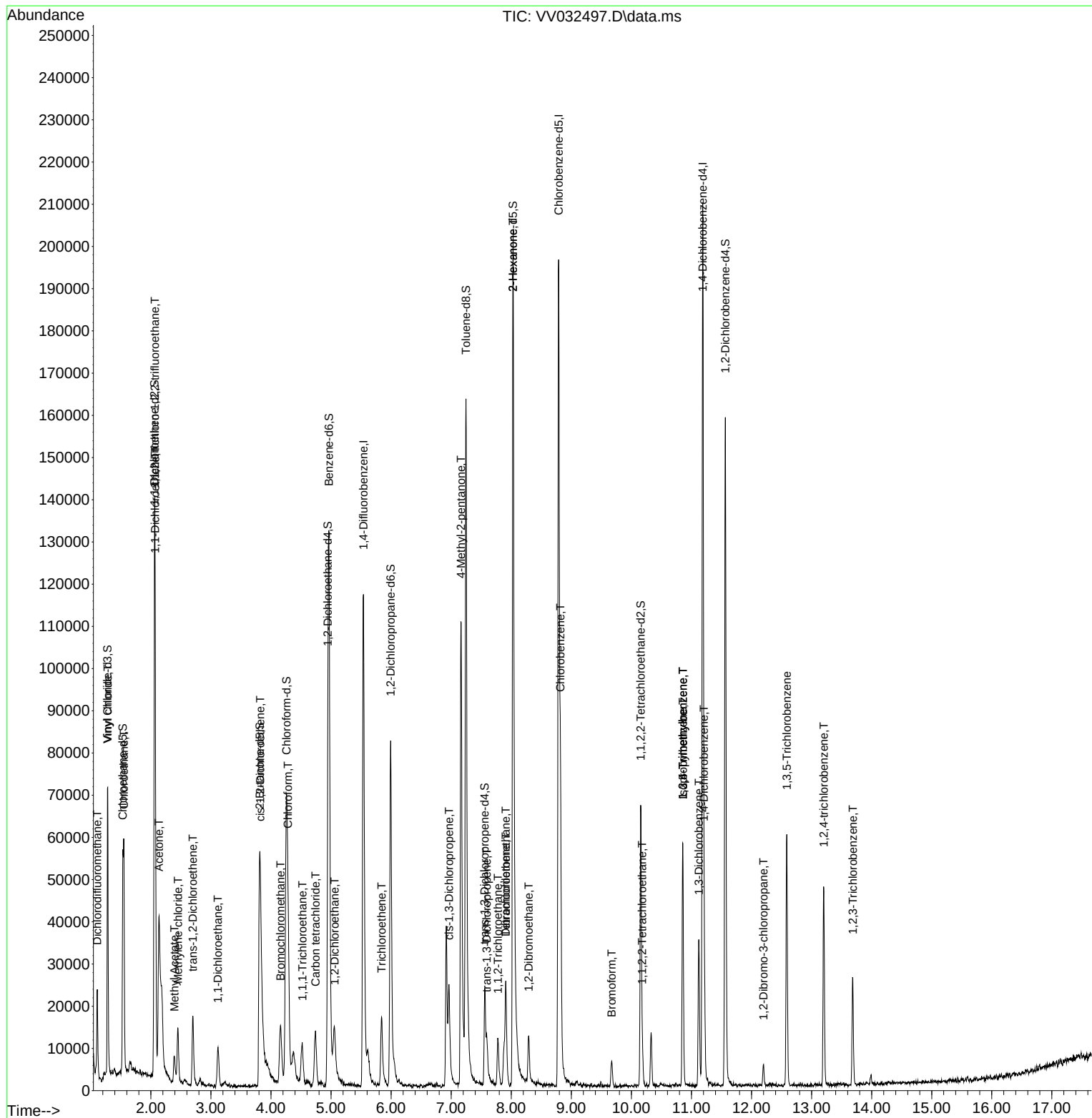
44) trans-1,3-Dichloropropene	7.593	75	5948	0.493	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	3512	0.482	ug/L	90
47) Tetrachloroethene	7.908	164	5989	0.750	ug/L	93
48) 2-Hexanone	8.030	43	12047	2.615	ug/L #	63
49) Dibromochloromethane	7.908	129	5593	0.738	ug/L #	8
50) 1,2-Dibromoethane	8.291	107	8389	1.218	ug/L #	89
51) Chlorobenzene	8.818	112	37993	1.435	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.181	83	3308	0.413	ug/L #	95
59) Bromoform	9.670	173	2925	0.785	ug/L	92
60) Isopropylbenzene	10.857	105	29977	0.753	ug/L #	76
62) 1,3,5-Trimethylbenzene	10.857	105	29977	0.924	ug/L	92
63) 1,2,4-Trimethylbenzene	10.857	105	29977	0.928	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	13360	0.702	ug/L	95
65) 1,4-Dichlorobenzene	11.210	146	10105	0.530	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.201	75	254	0.228	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.587	180	16206	1.163	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	12959	1.049	ug/L	98
72) 1,2,3-Trichlorobenzene	13.686	180	7227	0.679	ug/L	94

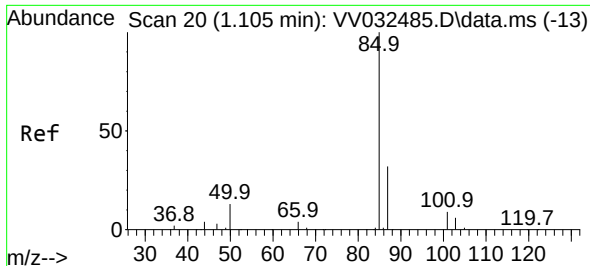
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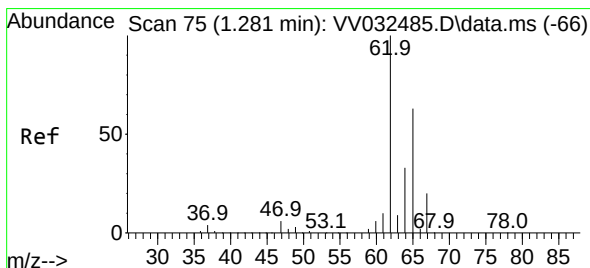
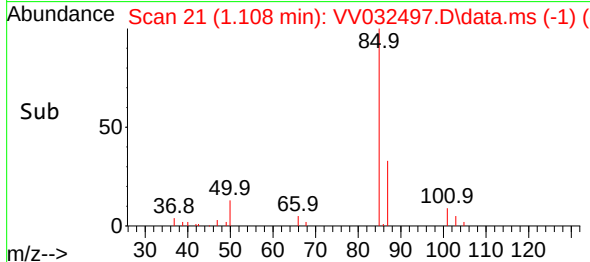
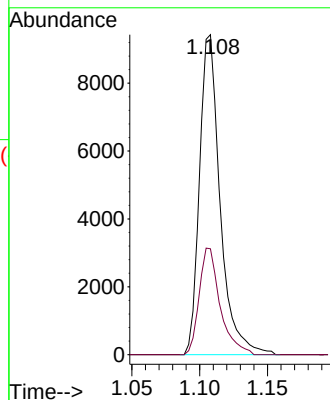
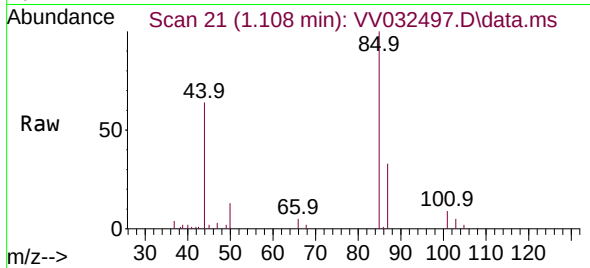




#2
 Dichlorodifluoromethane
 Concen: 0.914 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV032497.D
 Acq: 19 Oct 2023 15:17

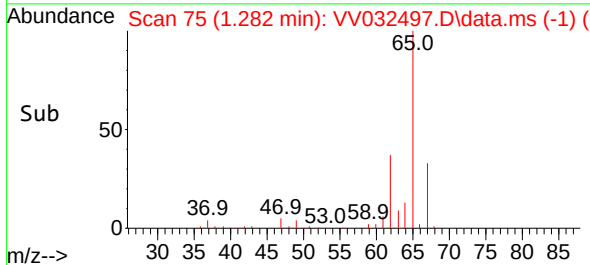
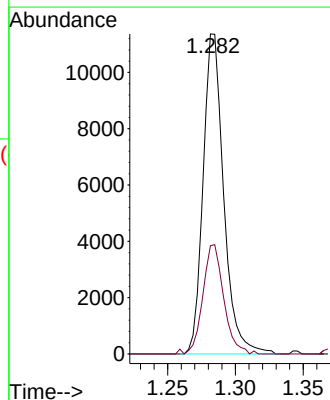
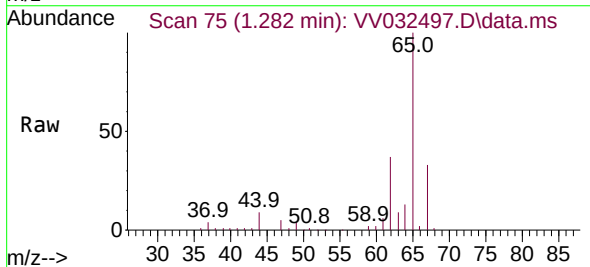
Instrument :
 MSVOA_V
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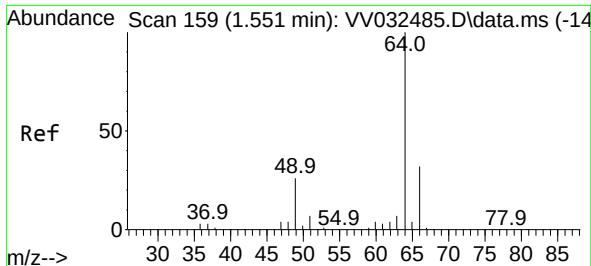
Tgt Ion: 85 Resp: 9969
 Ion Ratio Lower Upper
 85 100
 87 33.9 25.5 38.3



#5
 Vinyl chloride
 Concen: 1.145 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV032497.D
 Acq: 19 Oct 2023 15:17

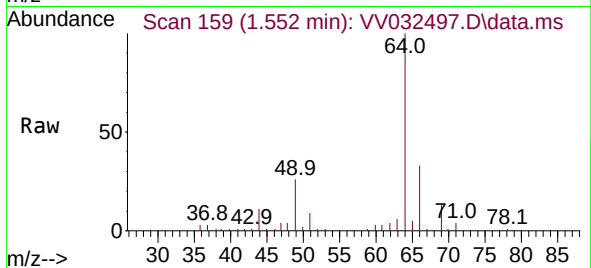
Tgt Ion: 62 Resp: 12013
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.1 42.9



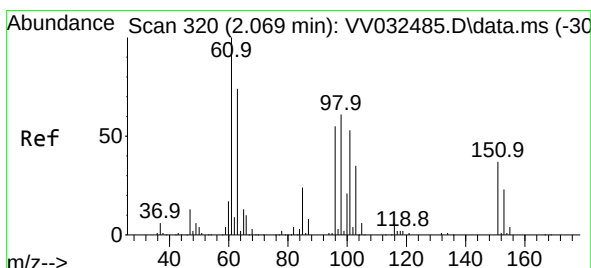
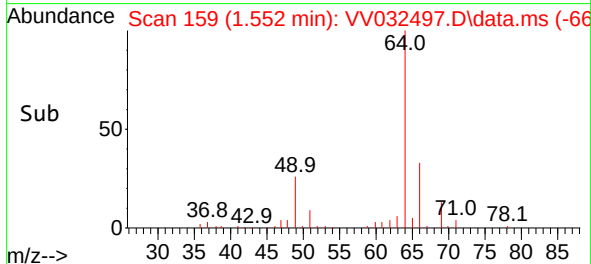
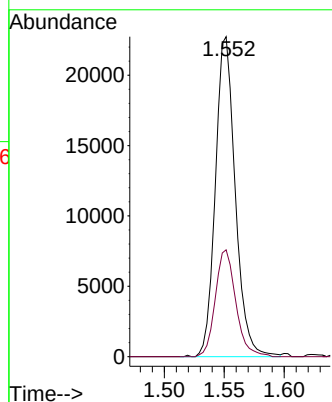


#8
Chloroethane
Concen: 4.142 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032497.D
Acq: 19 Oct 2023 15:17

Instrument :
MSVOA_V
ClientSampleId :

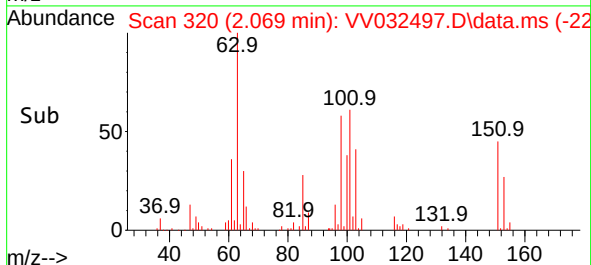
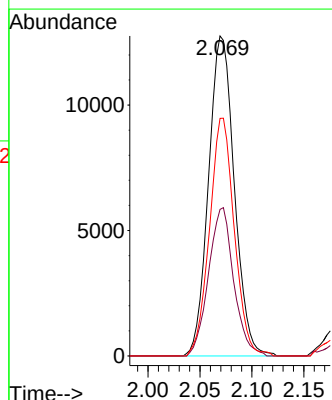
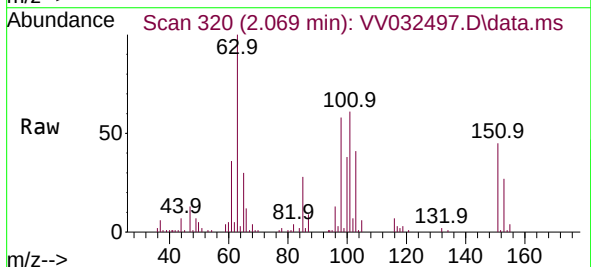


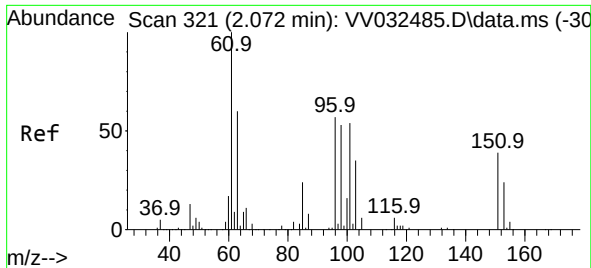
Tgt Ion: 64 Resp: 26157
Ion Ratio Lower Upper
64 100
66 33.4 22.6 42.0



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.885 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV032497.D
Acq: 19 Oct 2023 15:17

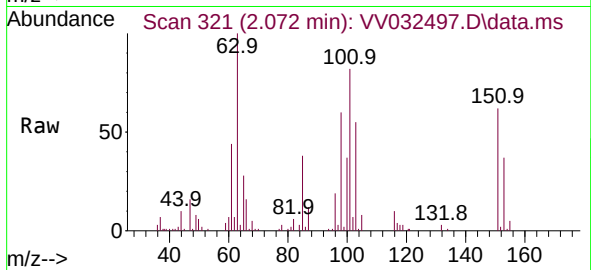
Tgt Ion:101 Resp: 21988
Ion Ratio Lower Upper
101 100
85 45.3 35.0 52.6
151 71.5 56.6 84.8



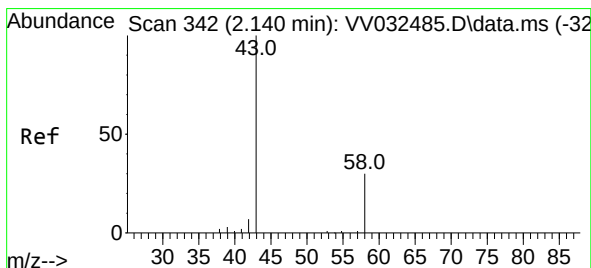
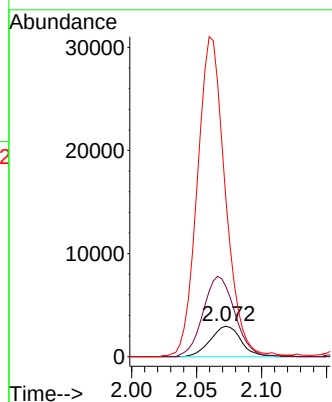
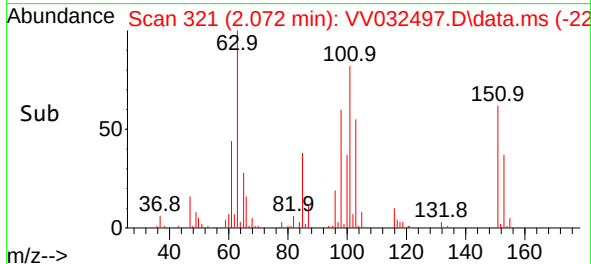


#12
 1,1-Dichloroethene
 Concen: 0.675 ug/L
 RT: 2.072 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV032497.D
 Acq: 19 Oct 2023 15:17

Instrument :
 MSVOA_V
 ClientSampleId :

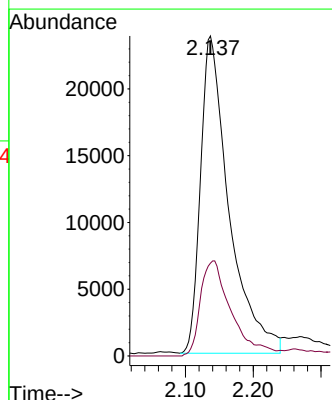
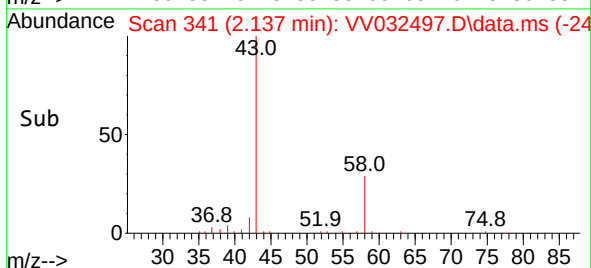
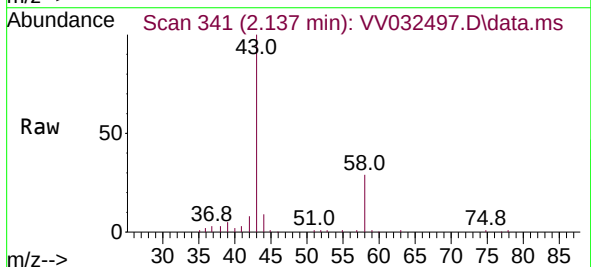


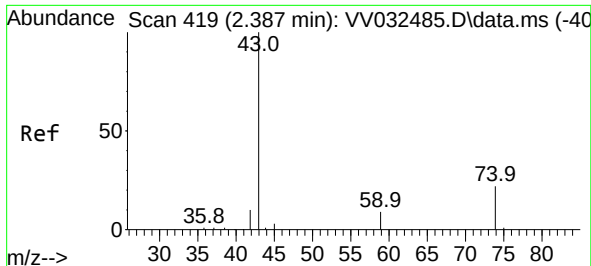
Tgt Ion: 96 Resp: 4848
 Ion Ratio Lower Upper
 96 100
 61 232.2 127.3 236.3
 63 522.9 98.3 182.7#



#13
 Acetone
 Concen: 44.809 ug/L
 RT: 2.137 min Scan# 341
 Delta R.T. -0.003 min
 Lab File: VV032497.D
 Acq: 19 Oct 2023 15:17

Tgt Ion: 43 Resp: 69559
 Ion Ratio Lower Upper
 43 100
 58 32.2 0.0 66.0

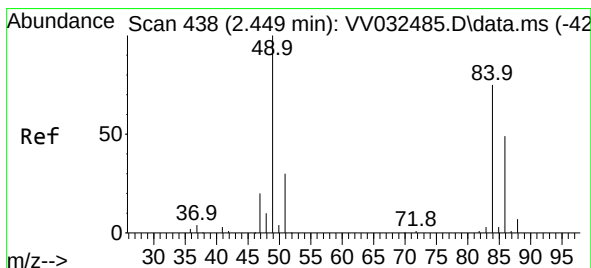
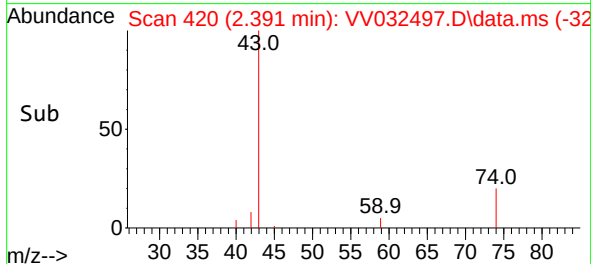
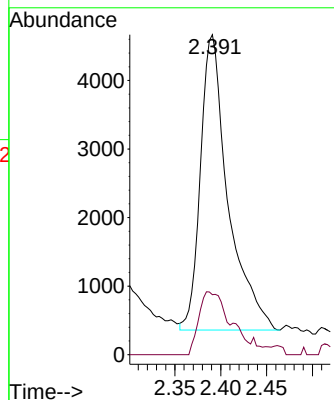
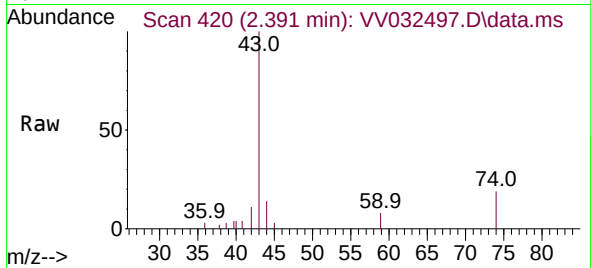




#15
Methyl Acetate
Concen: 2.582 ug/L
RT: 2.391 min Scan# 419
Delta R.T. 0.003 min
Lab File: VV032497.D
Acq: 19 Oct 2023 15:17

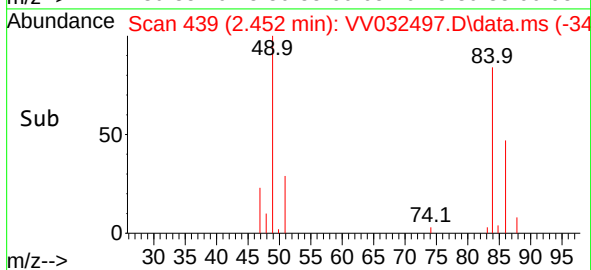
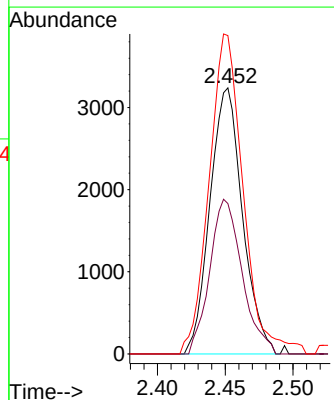
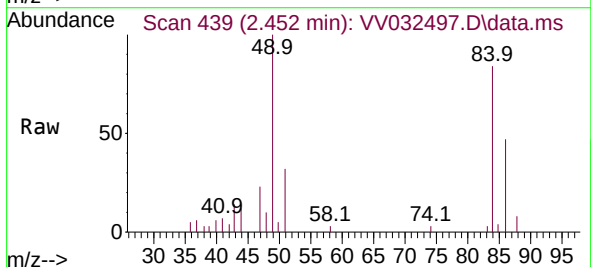
Instrument :
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ClientSampleId :

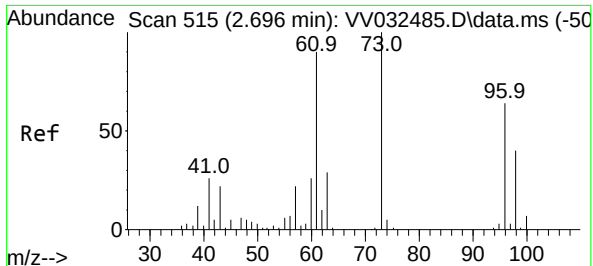
Tgt Ion: 43 Resp: 9022
Ion Ratio Lower Upper
43 100
74 24.2 18.0 27.0



#16
Methylene chloride
Concen: 0.578 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.003 min
Lab File: VV032497.D
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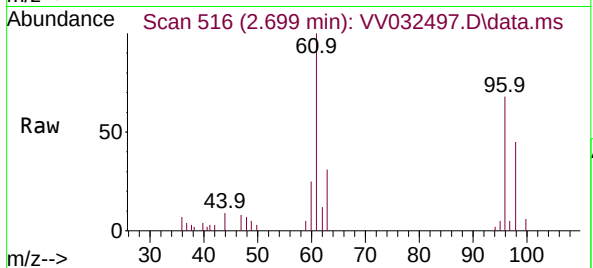
Tgt Ion: 84 Resp: 5410
Ion Ratio Lower Upper
84 100
86 56.5 43.2 80.2
49 125.3 86.3 160.3





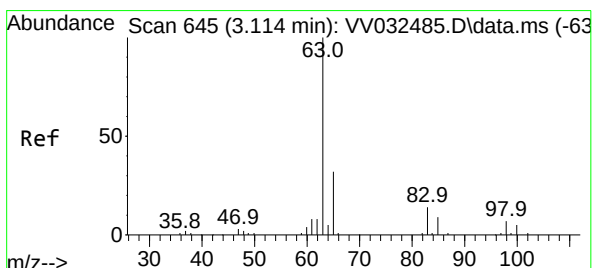
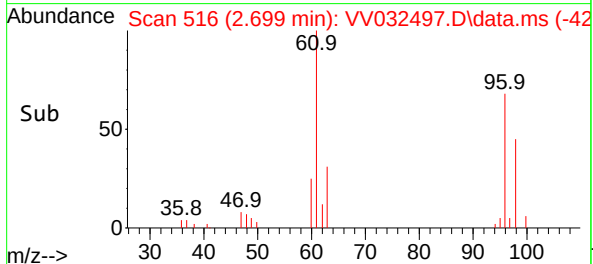
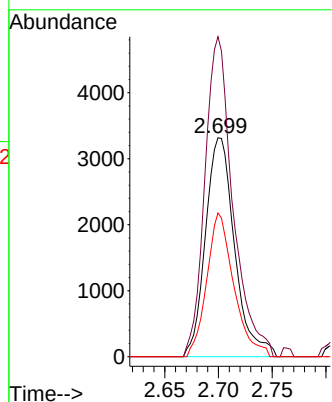
#18
trans-1,2-Dichloroethene
Concen: 0.760 ug/L
RT: 2.699 min Scan# 515
Delta R.T. 0.003 min
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Tgt Ion: 96 Resp: 6250

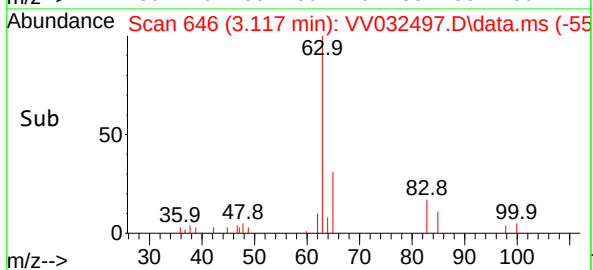
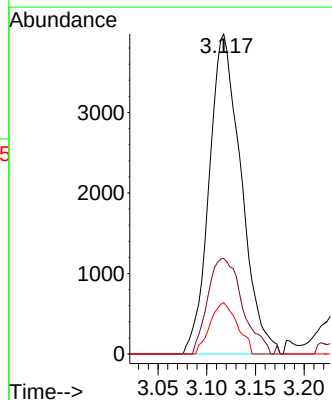
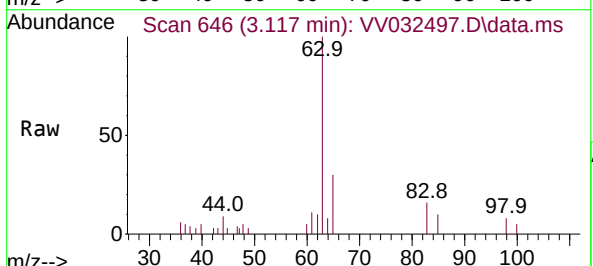
Ion	Ratio	Lower	Upper
96	100		
61	146.1	96.9	180.1
98	65.6	45.3	84.1

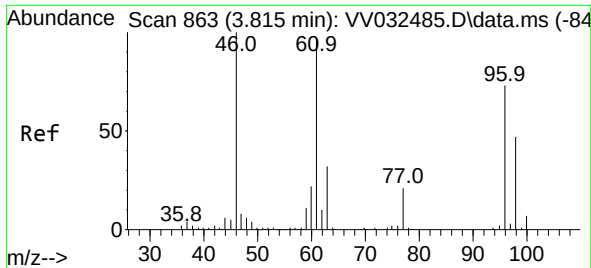


#19
1,1-Dichloroethane
Concen: 0.586 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.003 min
Lab File: VV032497.D
Acq: 19 Oct 2023 15:17

Tgt Ion: 63 Resp: 9058

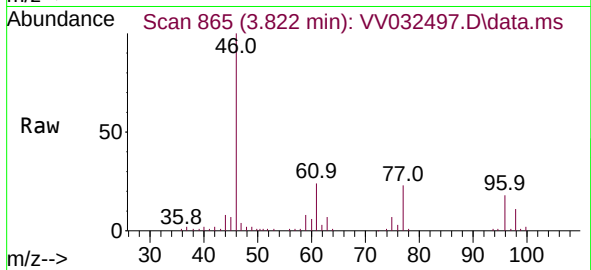
Ion	Ratio	Lower	Upper
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65	29.9	22.3	41.5
83	16.1	9.0	16.6



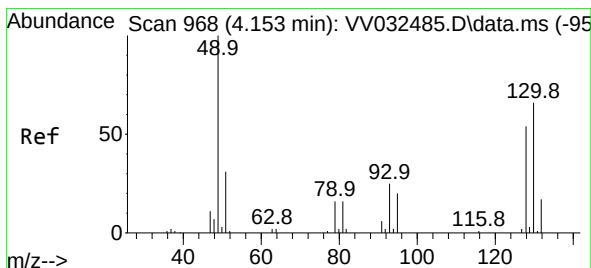
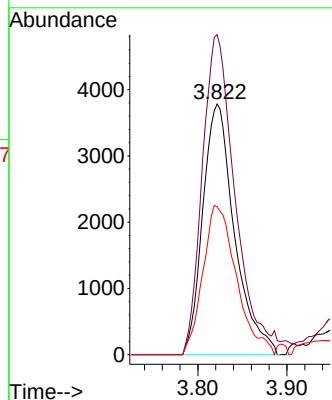
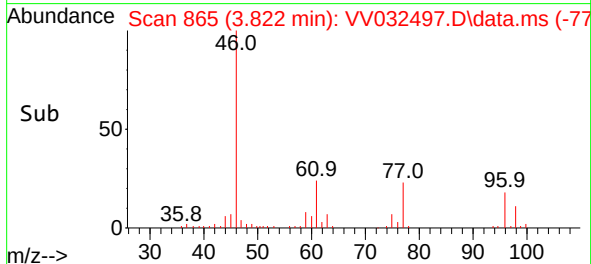


#22
 cis-1,2-Dichloroethene
 Concen: 1.057 ug/L
 RT: 3.822 min Scan# 865
 Delta R.T. 0.007 min
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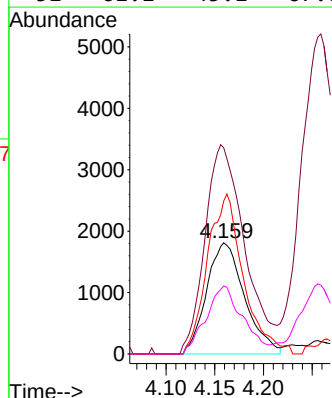
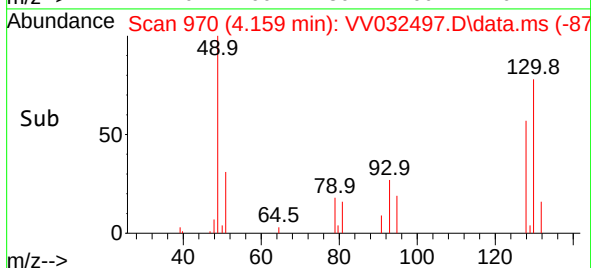
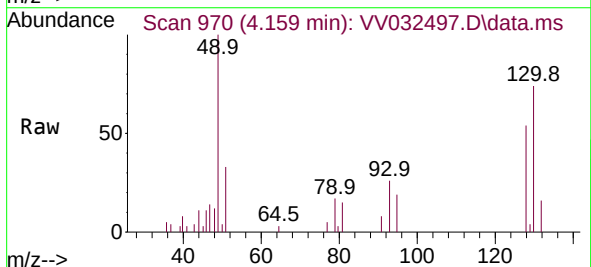


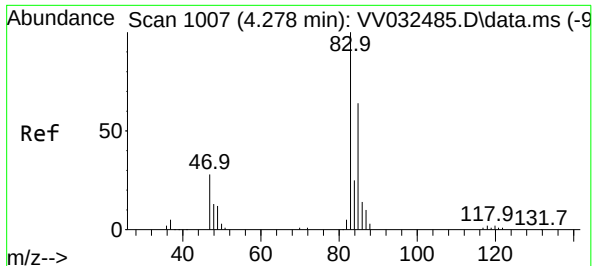
Tgt Ion: 96 Resp: 9361
 Ion Ratio Lower Upper
 96 100
 61 127.7 85.8 159.4
 98 59.0 44.0 81.6



#23
 Bromochloromethane
 Concen: 1.319 ug/L
 RT: 4.159 min Scan# 970
 Delta R.T. 0.007 min
 Lab File: VV032497.D
 Acq: 19 Oct 2023 15:17

Tgt Ion: 128 Resp: 4914
 Ion Ratio Lower Upper
 128 100
 49 185.4 121.2 225.0
 130 137.5 88.2 163.8
 51 61.1 45.1 67.7





#25

Chloroform

Concen: 2.282 ug/L

RT: 4.281 min Scan# 10

Delta R.T. 0.003 min

Lab File: VV032497.D

Acq: 19 Oct 2023 15:17

Instrument :

MSVOA_V

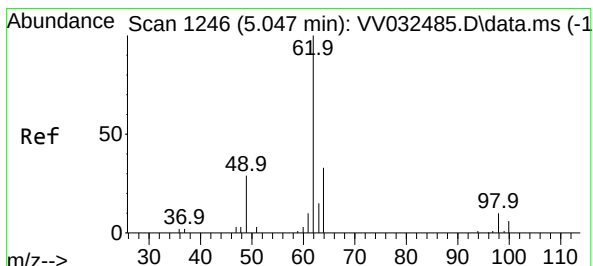
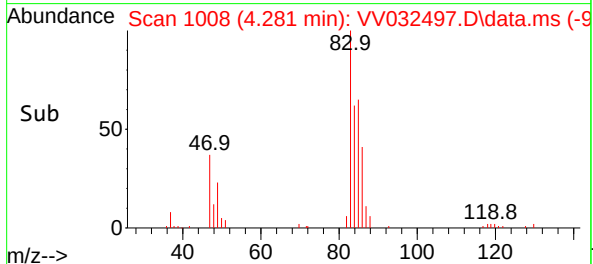
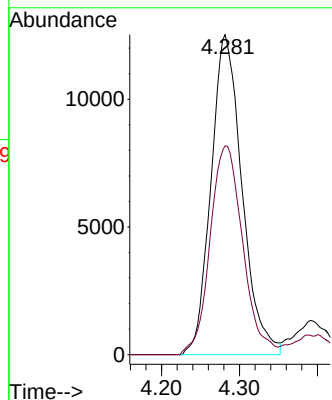
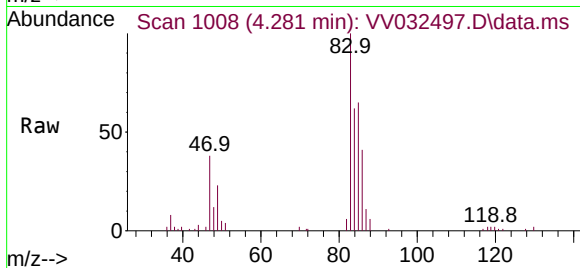
ClientSampleId :

Tgt Ion: 83 Resp: 34636

Ion Ratio Lower Upper

83 100

85 65.2 45.4 84.4



#27

1,2-Dichloroethane

Concen: 0.648 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. 0.013 min

Lab File: VV032497.D

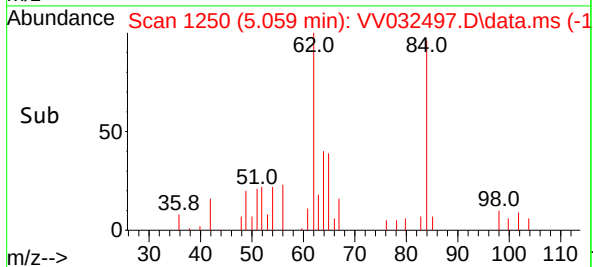
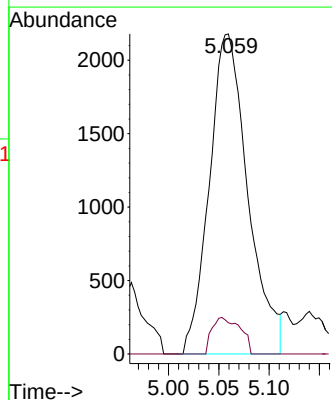
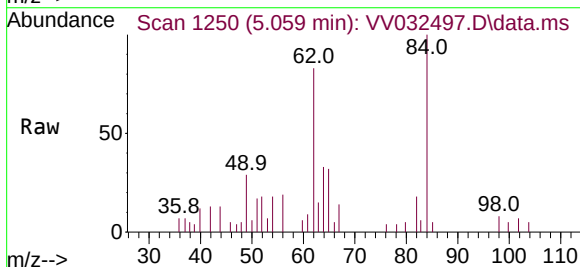
Acq: 19 Oct 2023 15:17

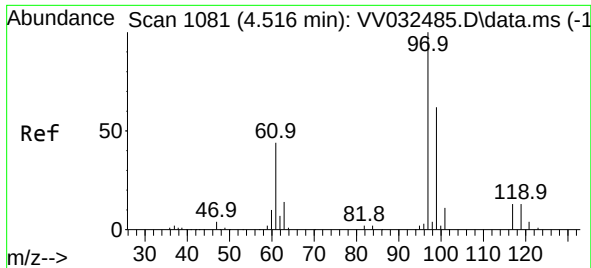
Tgt Ion: 62 Resp: 5813

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 0.518 ug/L

RT: 4.523 min Scan# 1108

Delta R.T. 0.007 min

Lab File: VV032497.D

Acq: 19 Oct 2023 15:17

Instrument :

MSVOA_V

ClientSampleId :

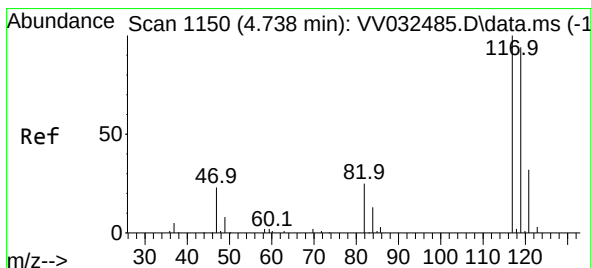
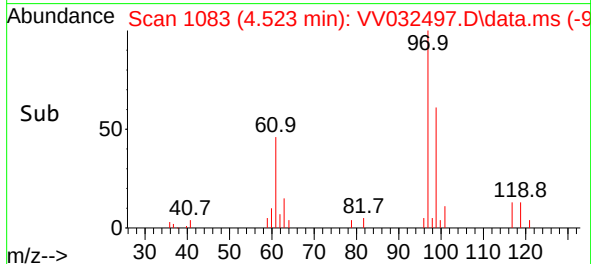
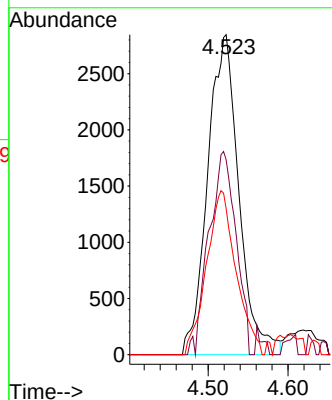
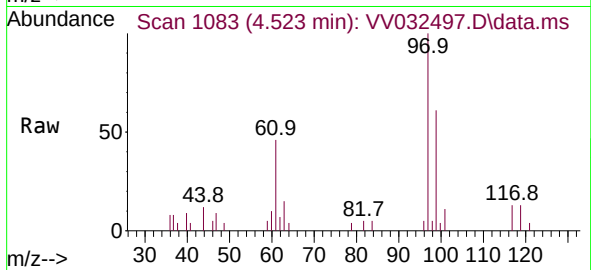
Tgt Ion: 97 Resp: 7725

Ion Ratio Lower Upper

97 100

99 55.1 50.1 75.1

61 48.4 35.1 52.7



#31

Carbon tetrachloride

Concen: 0.757 ug/L

RT: 4.741 min Scan# 1151

Delta R.T. 0.003 min

Lab File: VV032497.D

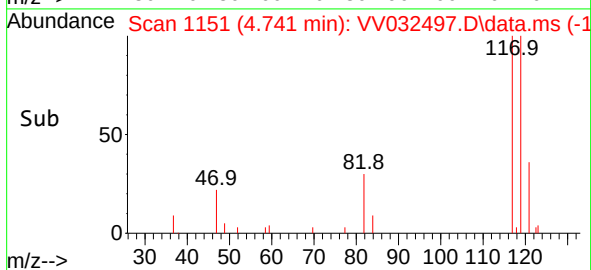
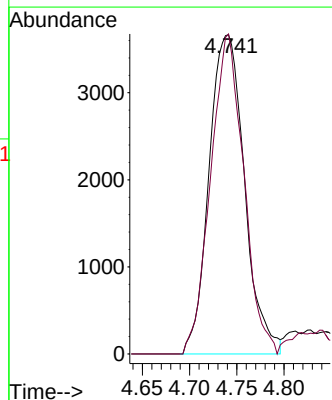
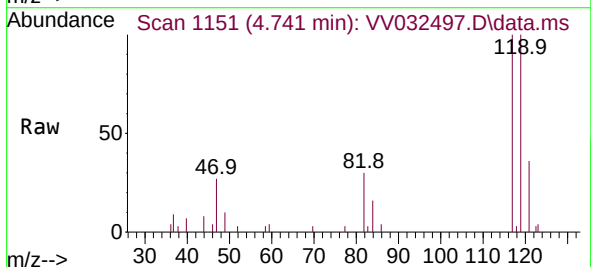
Acq: 19 Oct 2023 15:17

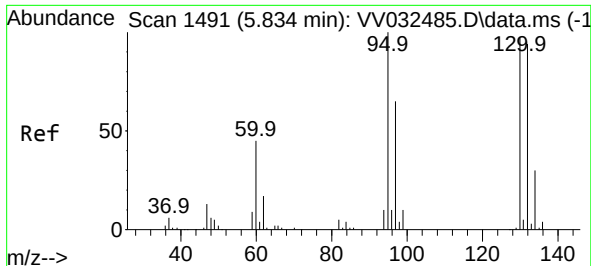
Tgt Ion: 117 Resp: 9550

Ion Ratio Lower Upper

117 100

119 93.5 77.6 116.4



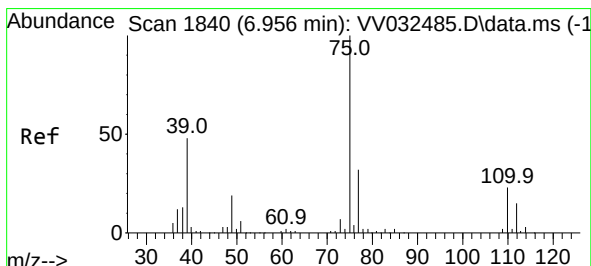
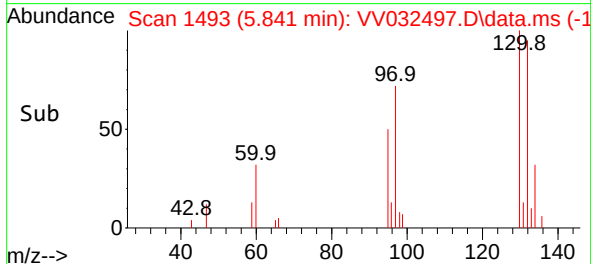
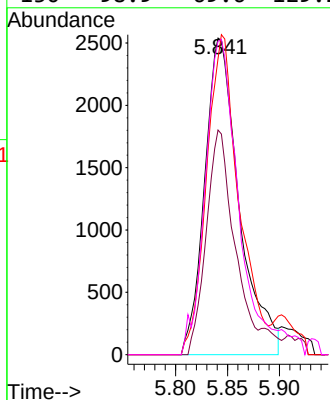
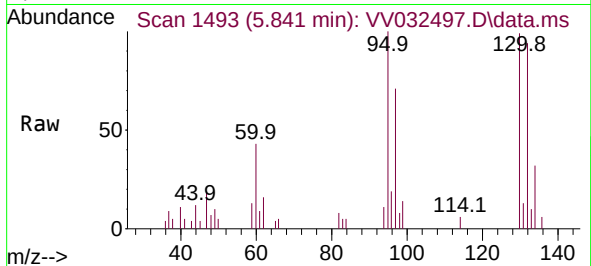


#34
Trichloroethene
Concen: 0.557 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.007 min
Lab File: VV032497.D
Acq: 19 Oct 2023 15:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 5871

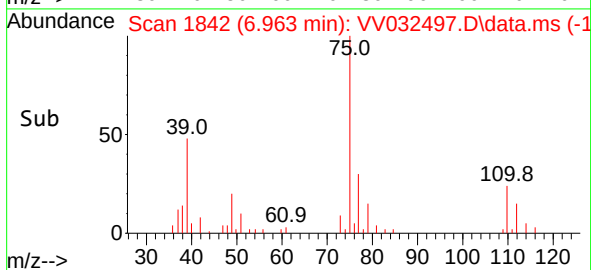
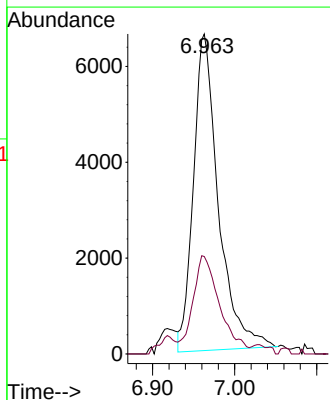
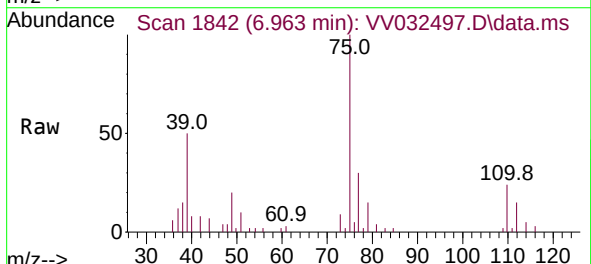
Ion	Ratio	Lower	Upper
95	100		
97	70.9	45.7	84.9
132	93.5	70.3	130.5
130	98.9	69.6	129.2

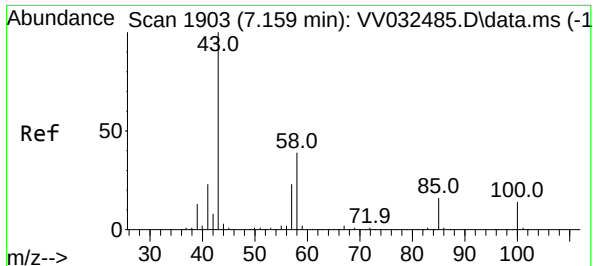


#39
cis-1,3-Dichloropropene
Concen: 0.951 ug/L
RT: 6.963 min Scan# 1842
Delta R.T. 0.007 min
Lab File: VV032497.D
Acq: 19 Oct 2023 15:17

Tgt Ion: 75 Resp: 13965

Ion	Ratio	Lower	Upper
75	100		
77	30.5	22.2	41.2





#40

4-Methyl-2-pentanone

Concen: 13.328 ug/L

RT: 7.166 min Scan# 1903

Delta R.T. 0.007 min

Lab File: VV032497.D

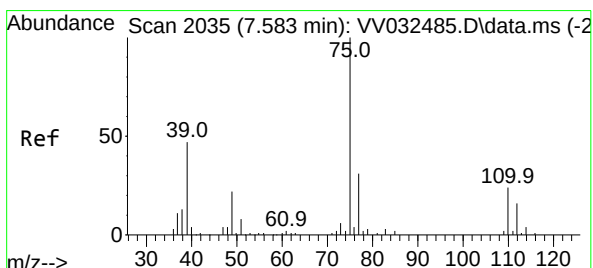
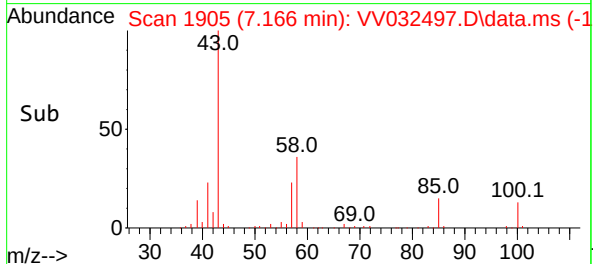
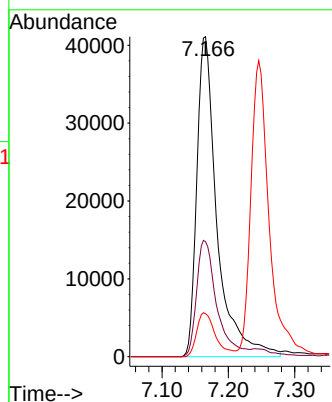
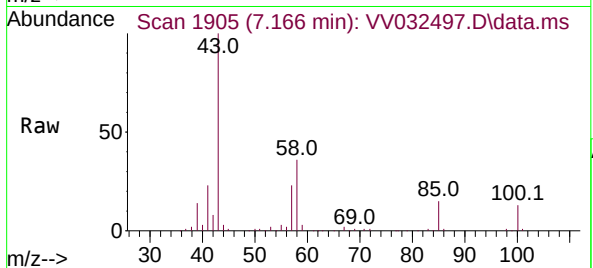
Acq: 19 Oct 2023 15:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	43	Resp:	87030
Ion	Ratio	Lower	Upper
43	100		
58	36.5	31.9	47.9
100	13.0	11.3	16.9



#44

trans-1,3-Dichloropropene

Concen: 0.493 ug/L

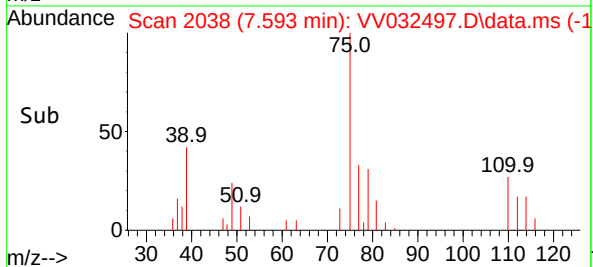
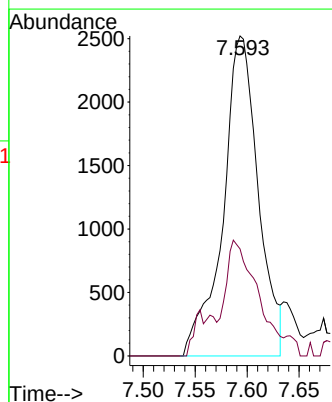
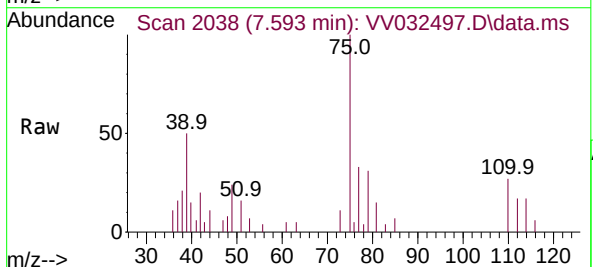
RT: 7.593 min Scan# 2038

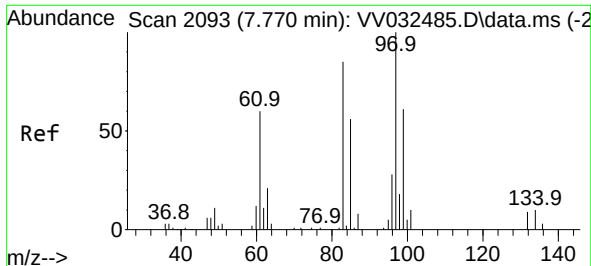
Delta R.T. 0.010 min

Lab File: VV032497.D

Acq: 19 Oct 2023 15:17

Tgt Ion:	75	Resp:	5948
Ion	Ratio	Lower	Upper
75	100		
77	33.4	22.5	41.7

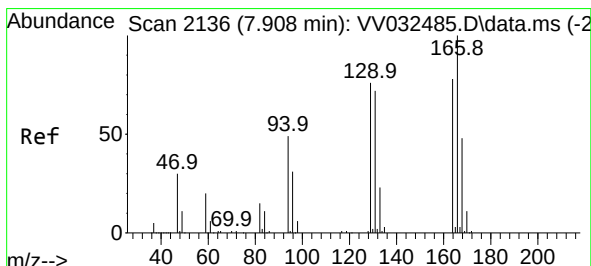
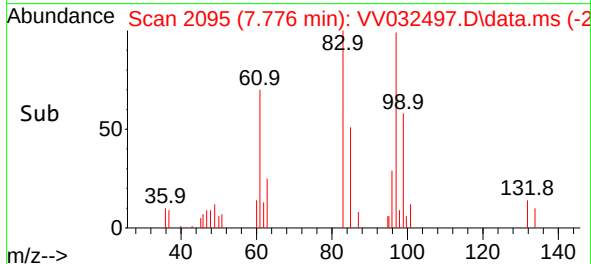
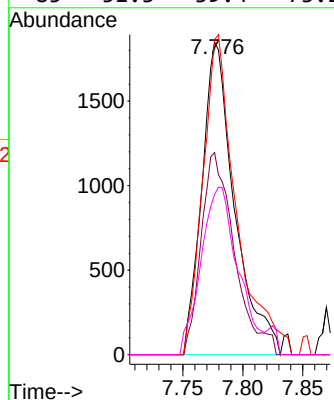
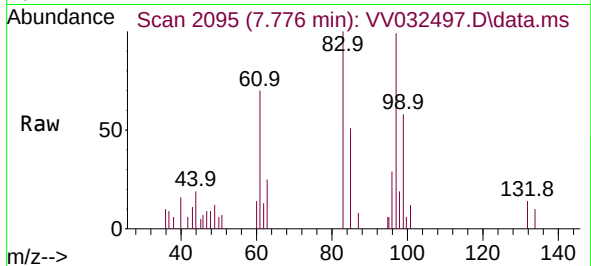




#45
1,1,2-Trichloroethane
Concen: 0.482 ug/L
RT: 7.776 min Scan# 2093
Delta R.T. 0.007 min
Lab File: VV032497.D
Acq: 19 Oct 2023 15:17

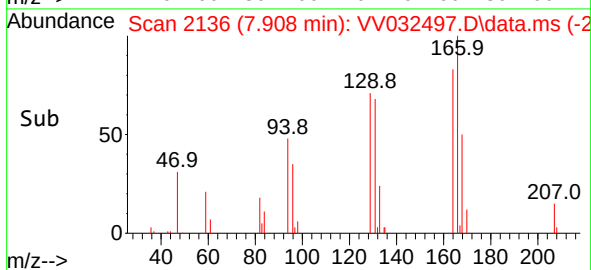
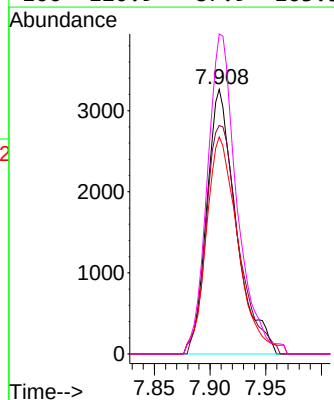
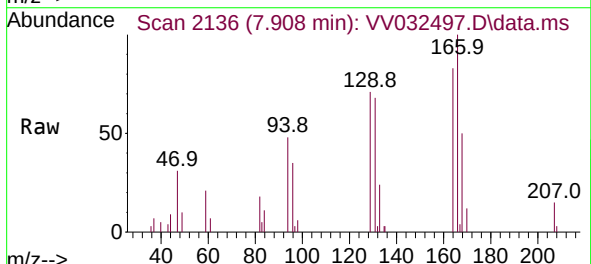
Instrument :
MSVOA_V
ClientSampleId :

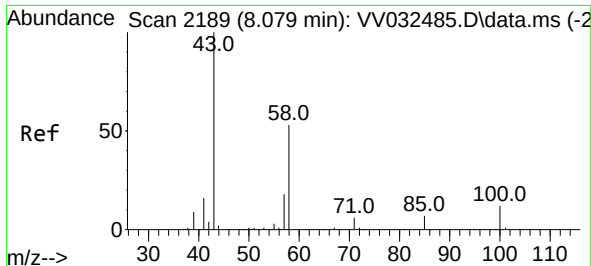
Tgt Ion:	97	Resp:	3512
Ion	Ratio	Lower	Upper
97	100		
99	64.6	42.8	79.4
83	100.9	60.9	113.1
85	51.3	39.4	73.2



#47
Tetrachloroethene
Concen: 0.750 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VV032497.D
Acq: 19 Oct 2023 15:17

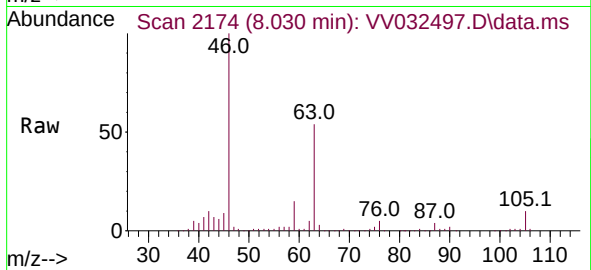
Tgt Ion:	164	Resp:	5989
Ion	Ratio	Lower	Upper
164	100		
129	86.3	66.4	123.4
131	82.0	63.7	118.3
166	120.9	87.9	163.3



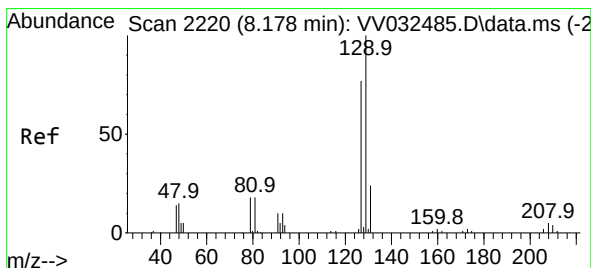
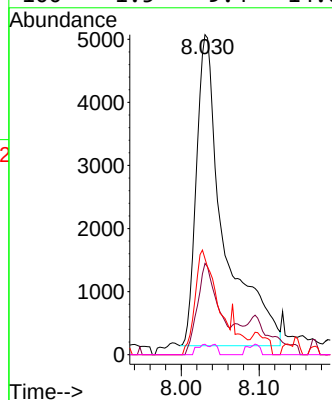
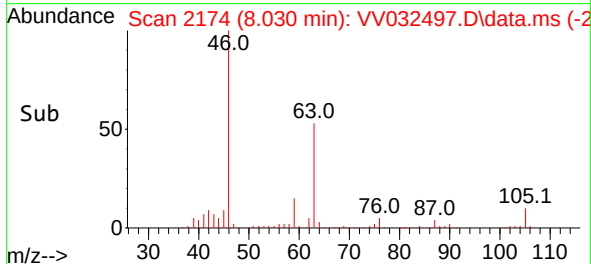


#48
2-Hexanone
Concen: 2.615 ug/L
RT: 8.030 min Scan# 2189
Delta R.T. -0.048 min
Lab File: VV032497.D
Acq: 19 Oct 2023 15:17

Instrument :
MSVOA_V
ClientSampleId :

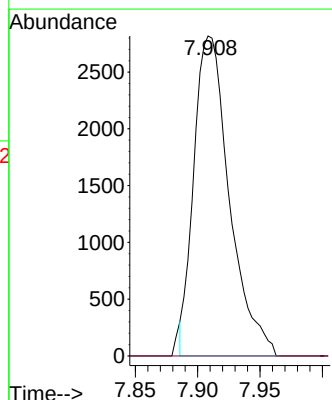
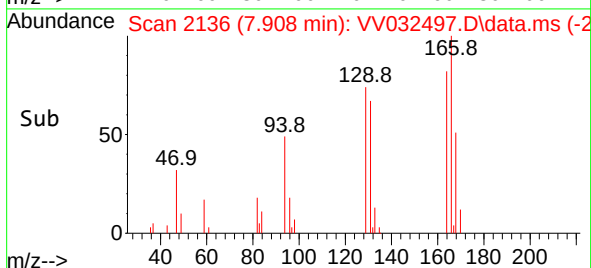
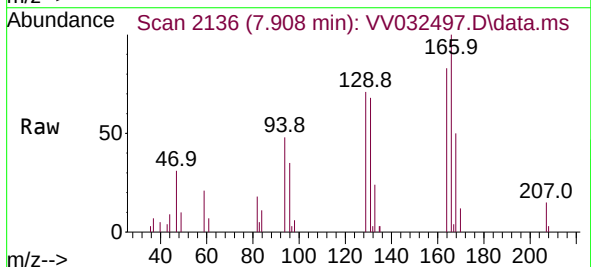


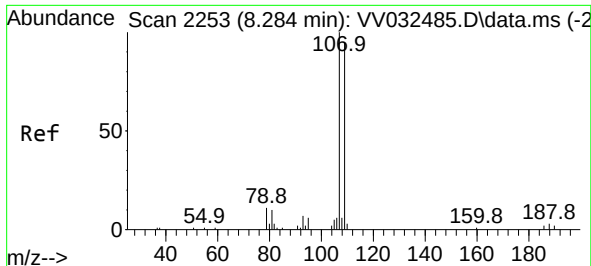
Tgt Ion: 43 Resp: 12047
Ion Ratio Lower Upper
43 100
58 22.3 43.6 65.4#
57 26.4 14.6 22.0#
100 1.5 9.4 14.0#



#49
Dibromochloromethane
Concen: 0.738 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.270 min
Lab File: VV032497.D
Acq: 19 Oct 2023 15:17

Tgt Ion: 129 Resp: 5593
Ion Ratio Lower Upper
129 100
127 0.0 57.2 106.2#





#50

1,2-Dibromoethane

Concen: 1.218 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV032497.D

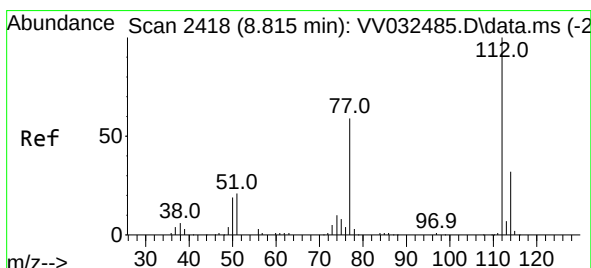
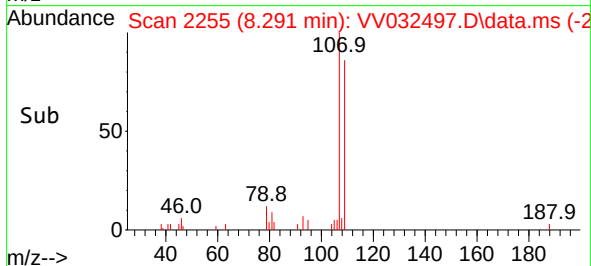
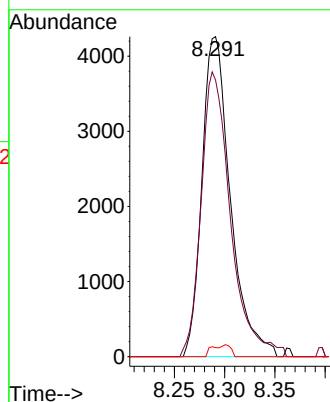
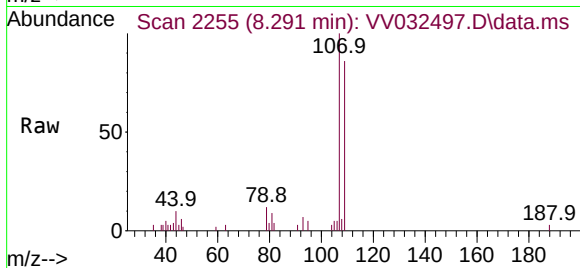
Acq: 19 Oct 2023 15:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	8389
Ion	Ratio	Lower	Upper
107	100		
109	86.4	68.4	127.0
188	2.8	3.2	4.8#



#51

Chlorobenzene

Concen: 1.435 ug/L

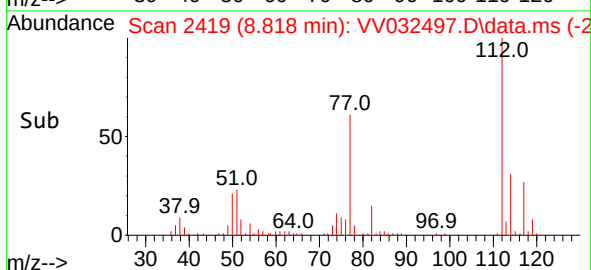
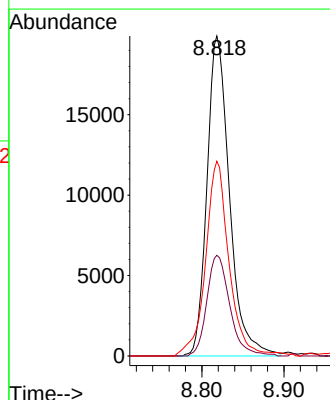
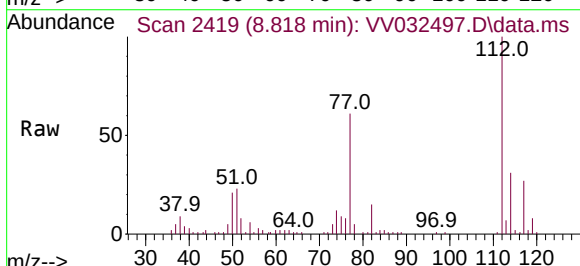
RT: 8.818 min Scan# 2419

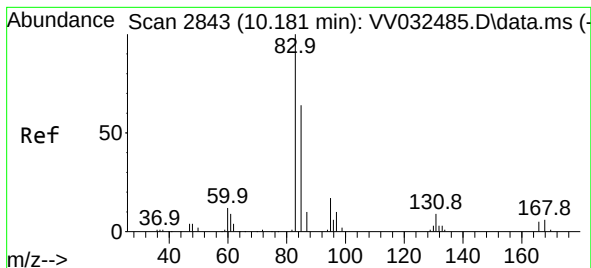
Delta R.T. 0.003 min

Lab File: VV032497.D

Acq: 19 Oct 2023 15:17

Tgt Ion:	112	Resp:	37993
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.1	41.1
77	60.9	46.1	69.1

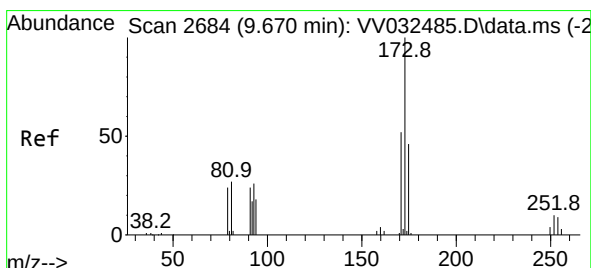
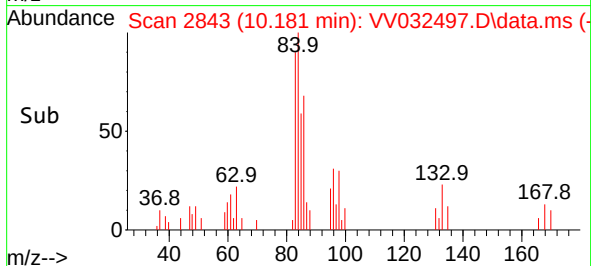
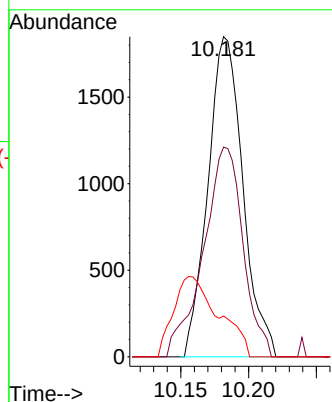
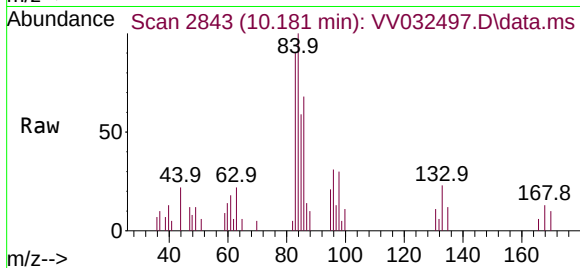




#57
1,1,2,2-Tetrachloroethane
Concen: 0.413 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VV032497.D
Acq: 19 Oct 2023 15:17

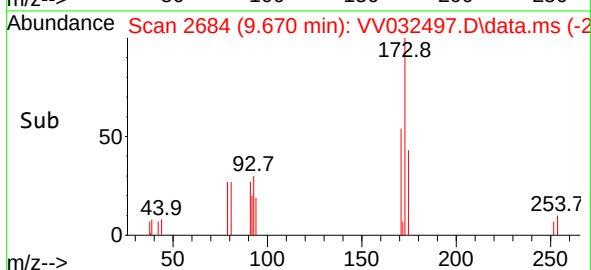
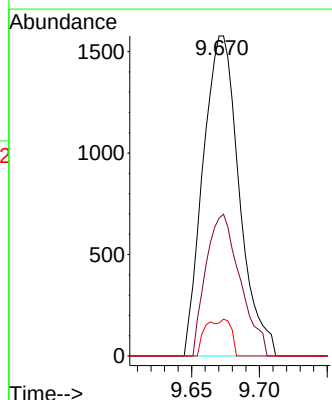
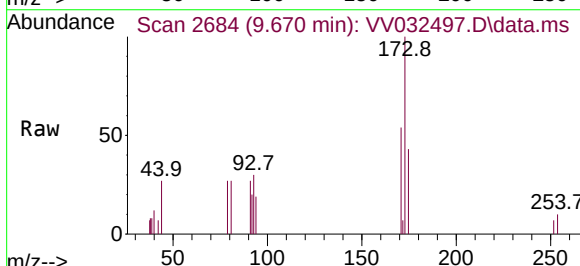
Instrument :
MSVOA_V
ClientSampleId :

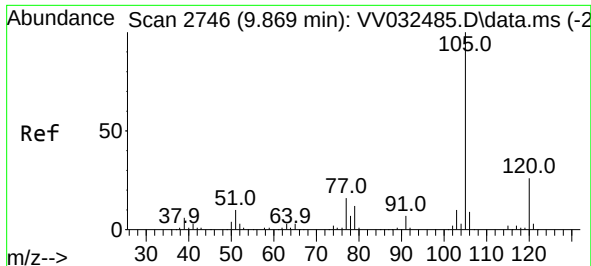
Tgt Ion: 83 Resp: 3308
Ion Ratio Lower Upper
83 100
85 65.5 43.6 81.0
131 12.7 7.0 10.6#



#59
Bromoform
Concen: 0.785 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. 0.000 min
Lab File: VV032497.D
Acq: 19 Oct 2023 15:17

Tgt Ion: 173 Resp: 2925
Ion Ratio Lower Upper
173 100
175 41.9 38.2 57.2
254 8.1 7.0 10.4

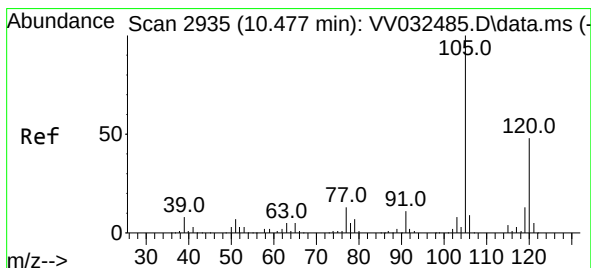
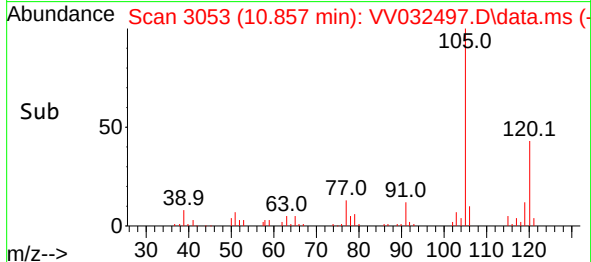
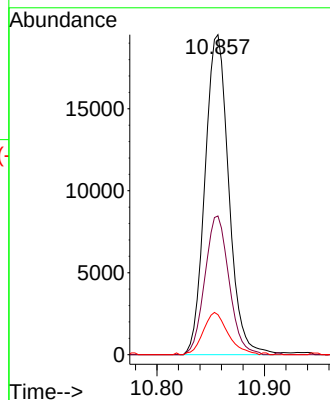
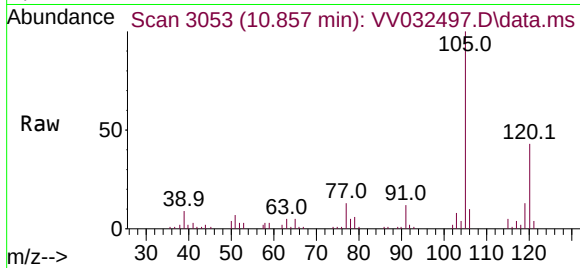




#60
Isopropylbenzene
Concen: 0.753 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.987 min
Lab File: VV032497.D
Acq: 19 Oct 2023 15:17

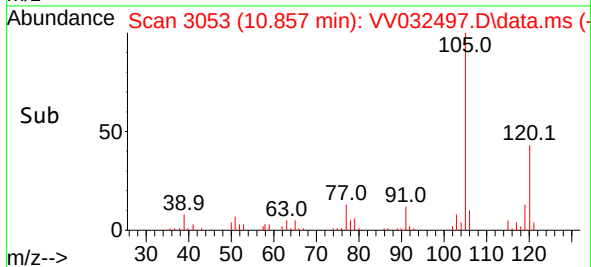
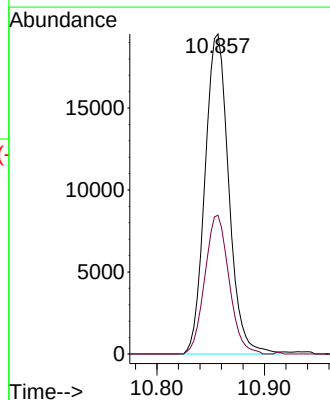
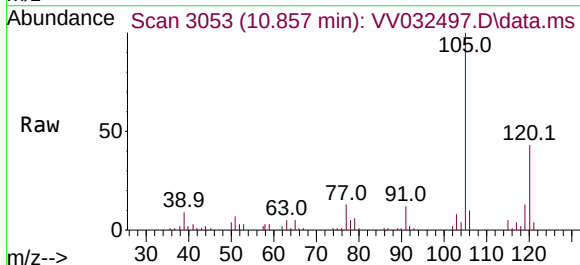
Instrument :
MSVOA_V
ClientSampleId :

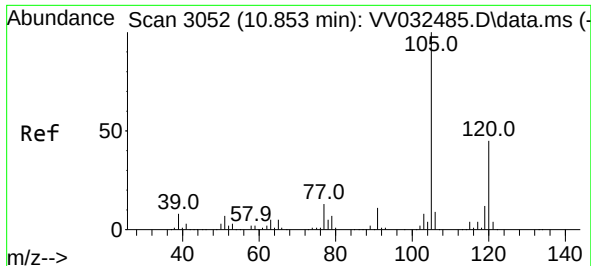
Tgt Ion:105 Resp: 29977
Ion Ratio Lower Upper
105 100
120 44.1 21.0 31.6#
77 13.8 12.6 19.0



#62
1,3,5-Trimethylbenzene
Concen: 0.924 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.380 min
Lab File: VV032497.D
Acq: 19 Oct 2023 15:17

Tgt Ion:105 Resp: 29977
Ion Ratio Lower Upper
105 100
120 44.1 39.9 59.9

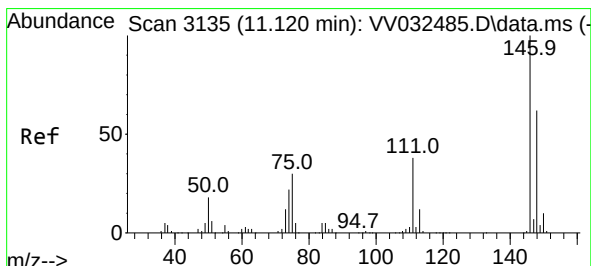
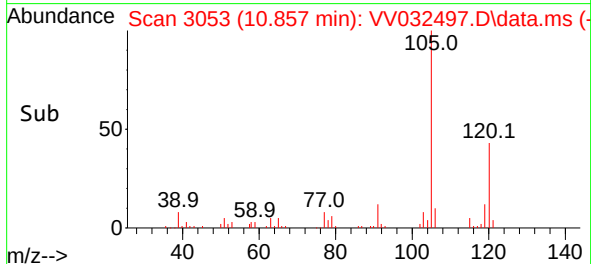
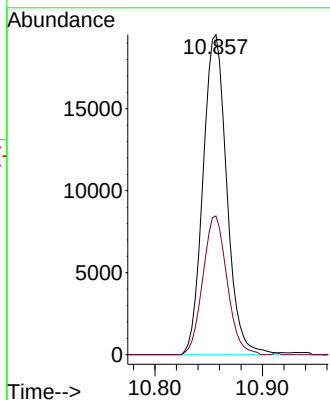
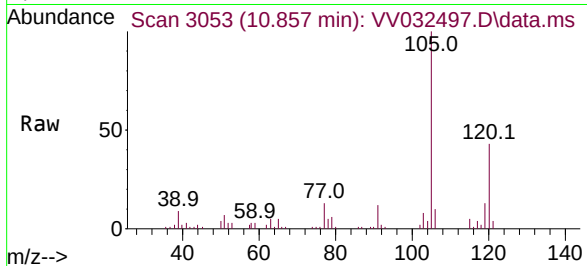




#63
1,2,4-Trimethylbenzene
Concen: 0.928 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.003 min
Lab File: VV032497.D
Acq: 19 Oct 2023 15:17

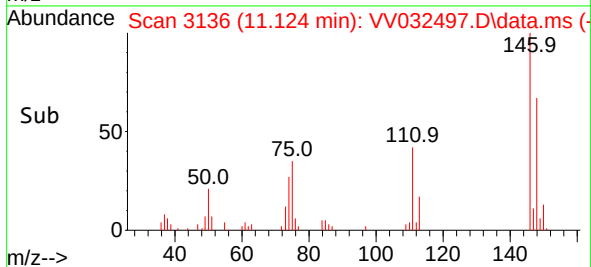
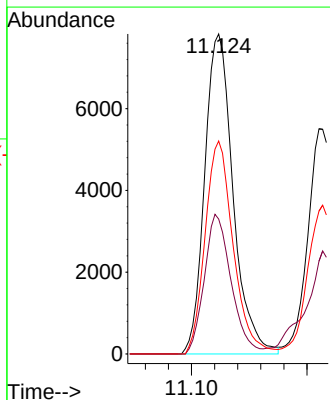
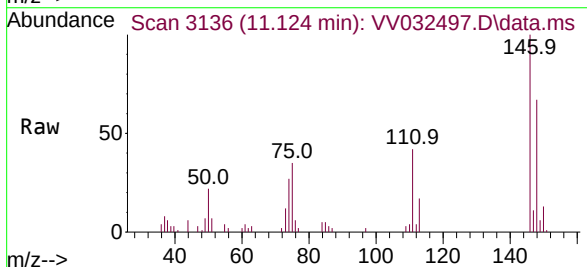
Instrument :
MSVOA_V
ClientSampleId :

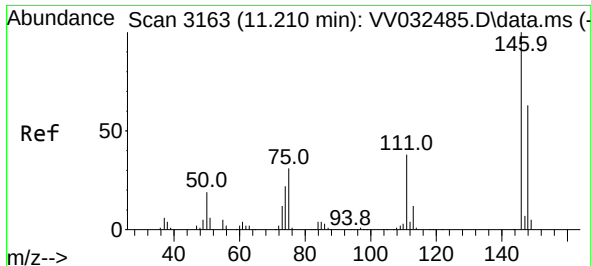
Tgt Ion:105 Resp: 29977
Ion Ratio Lower Upper
105 100
120 44.1 36.2 54.4



#64
1,3-Dichlorobenzene
Concen: 0.702 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.003 min
Lab File: VV032497.D
Acq: 19 Oct 2023 15:17

Tgt Ion:146 Resp: 13360
Ion Ratio Lower Upper
146 100
111 42.1 27.8 51.6
148 66.6 43.7 81.1

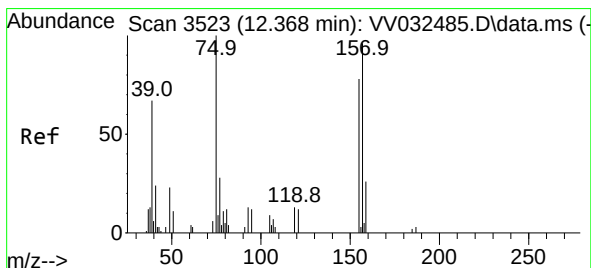
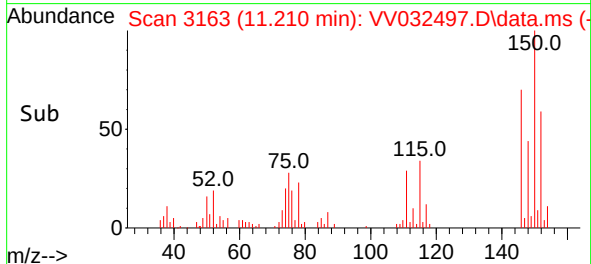
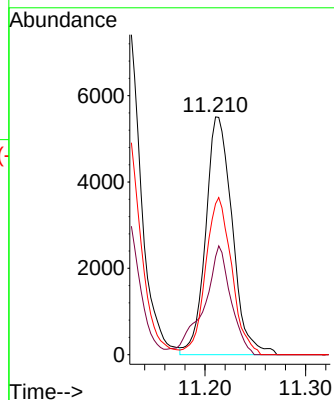
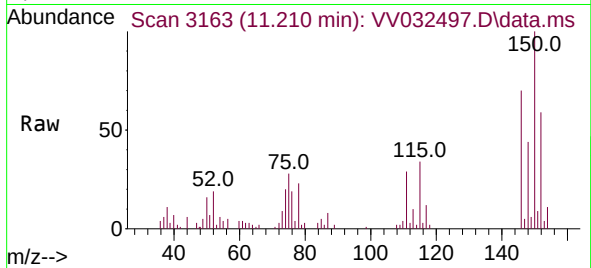




#65
1,4-Dichlorobenzene
Concen: 0.530 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV032497.D
Acq: 19 Oct 2023 15:17

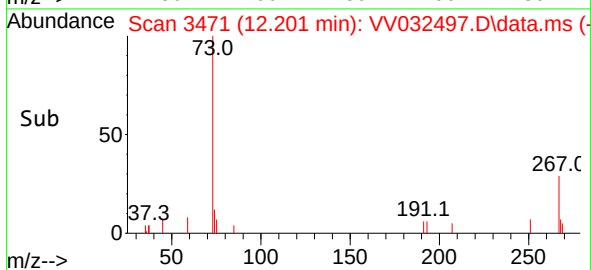
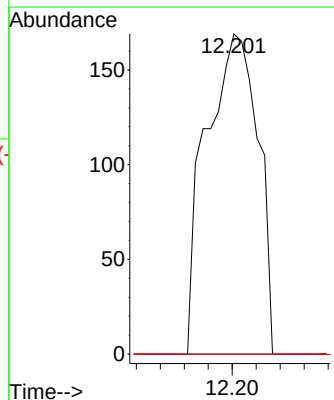
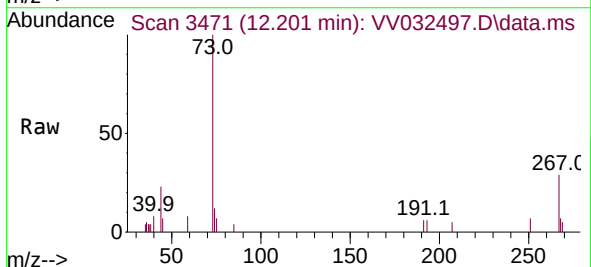
Instrument :
MSVOA_V
ClientSampleId :

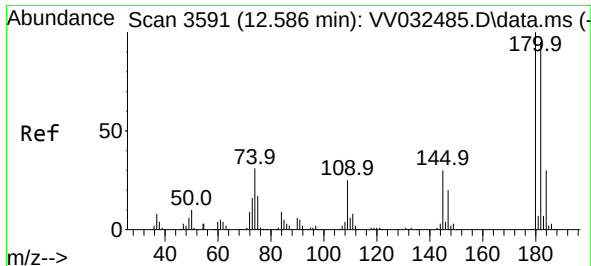
Tgt Ion:146 Resp: 10105
Ion Ratio Lower Upper
146 100
111 41.2 26.9 49.9
148 63.4 44.8 83.2



#68
1,2-Dibromo-3-chloropropane
Concen: 0.228 ug/L
RT: 12.201 min Scan# 3471
Delta R.T. -0.167 min
Lab File: VV032497.D
Acq: 19 Oct 2023 15:17

Tgt Ion: 75 Resp: 254
Ion Ratio Lower Upper
75 100
155 0.0 70.2 105.4#
157 0.0 90.6 135.8#





#69

1,3,5-Trichlorobenzene

Concen: 1.163 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.000 min

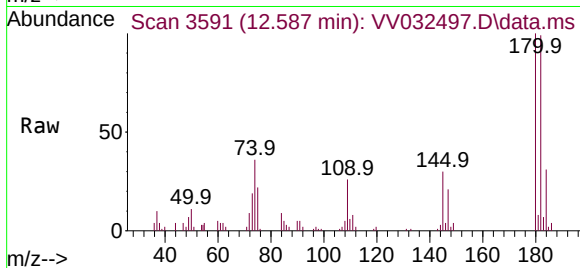
Lab File: VV032497.D

Acq: 19 Oct 2023 15:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 16206

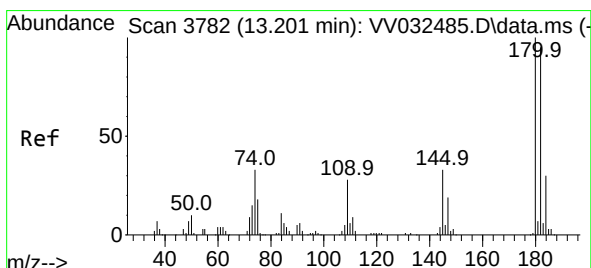
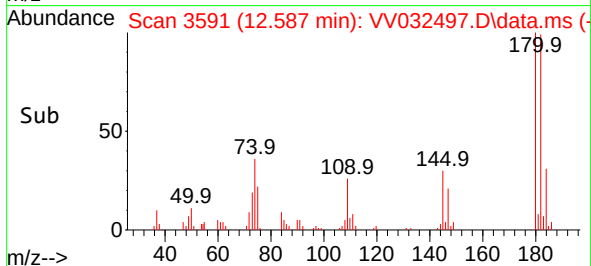
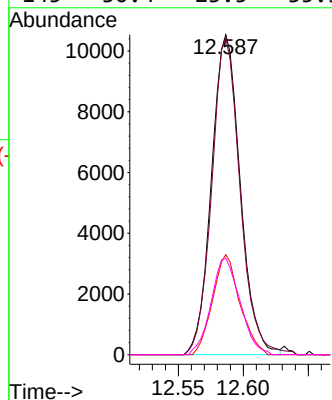
Ion Ratio Lower Upper

180 100

182 97.1 74.6 112.0

184 29.7 24.1 36.1

145 30.4 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 1.049 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.003 min

Lab File: VV032497.D

Acq: 19 Oct 2023 15:17

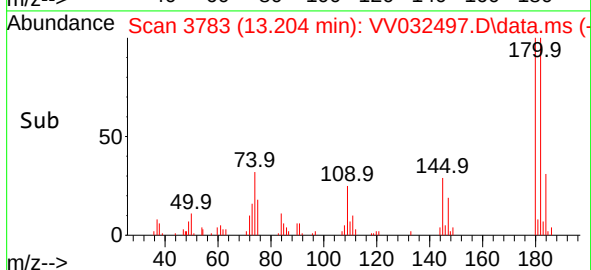
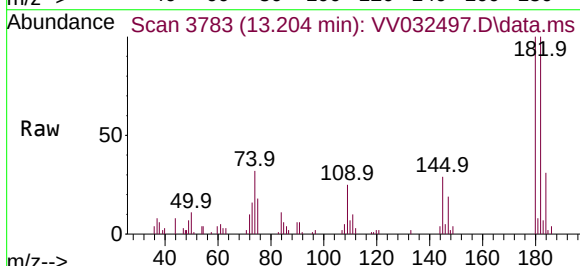
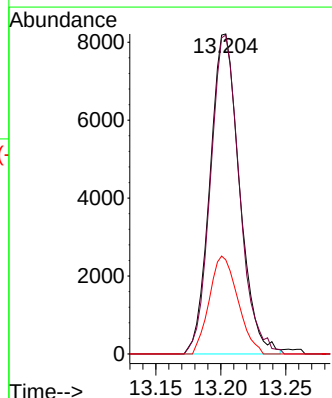
Tgt Ion:180 Resp: 12959

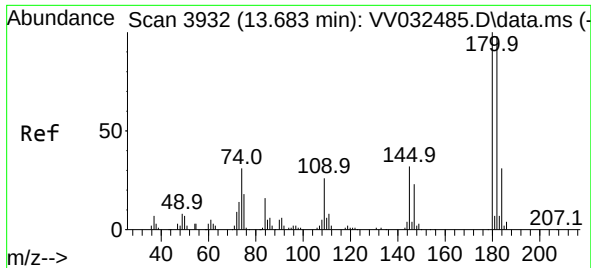
Ion Ratio Lower Upper

180 100

182 97.5 76.5 114.7

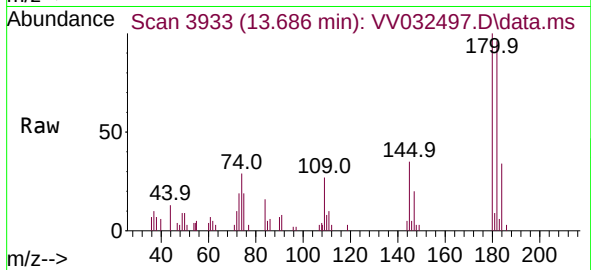
145 29.5 24.3 36.5





#72
 1,2,3-Trichlorobenzene
 Concen: 0.679 ug/L
 RT: 13.686 min Scan# 3933
 Delta R.T. 0.003 min
 Lab File: VV032497.D
 Acq: 19 Oct 2023 15:17

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	7227
Ion Ratio	Lower	Upper	
180	100		
182	89.2	77.0	115.4
145	31.4	25.7	38.5

