

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012924\
 Data File : VV033897.D
 Acq On : 29 Jan 2024 10:22
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 30 03:40:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 21:12:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	98445	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	89123	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	45534	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	36717	4.816	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.532	69	34951	5.234	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.056	65	17823	4.847	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	3.818	46	70730	55.237	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.480%
24) Chloroform-d	4.249	84	73875	5.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
26) 1,2-Dichloroethane-d4	4.944	65	35471	5.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
32) Benzene-d6	4.960	84	138447	5.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	5.989	67	39960	5.346	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.243	98	126501	5.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
43) trans-1,3-Dichloroprop...	7.558	79	15084	5.345	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.800%
46) 2-Hexanone-d5	8.027	63	57796	57.365	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.720%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	24721	5.456	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	44072	5.322	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	46380	5.141	ug/L	99
3) Chloromethane	1.214	50	47442	4.821	ug/L	99
5) Vinyl chloride	1.282	62	47447	5.046	ug/L	99
6) Bromomethane	1.487	94	22019	4.447	ug/L	95
8) Chloroethane	1.548	64	32423	5.054	ug/L	95
9) Trichlorofluoromethane	1.712	101	69706	5.144	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	36468	5.148	ug/L	100
12) 1,1-Dichloroethene	2.069	96	35479	5.159	ug/L	99
13) Acetone	2.150	43	41869	43.100	ug/L #	38
14) Carbon disulfide	2.240	76	111106	4.993	ug/L	100
15) Methyl Acetate	2.388	43	9671	4.206	ug/L	94
16) Methylene chloride	2.445	84	32980	4.998	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	73732	5.218	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	34289	4.895	ug/L	93
19) 1,1-Dichloroethane	3.111	63	66558	5.171	ug/L	95
21) 2-Butanone	3.908	43	66132	51.515	ug/L #	55
22) cis-1,2-Dichloroethene	3.815	96	38021	4.784	ug/L	100
23) Bromochloromethane	4.150	128	14611	5.288	ug/L	97
25) Chloroform	4.278	83	67222	5.167	ug/L	95

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 ClientSampleId :

Quant Time: Jan 30 03:40:37 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 21:12:54 2024
 Response via : Initial Calibration

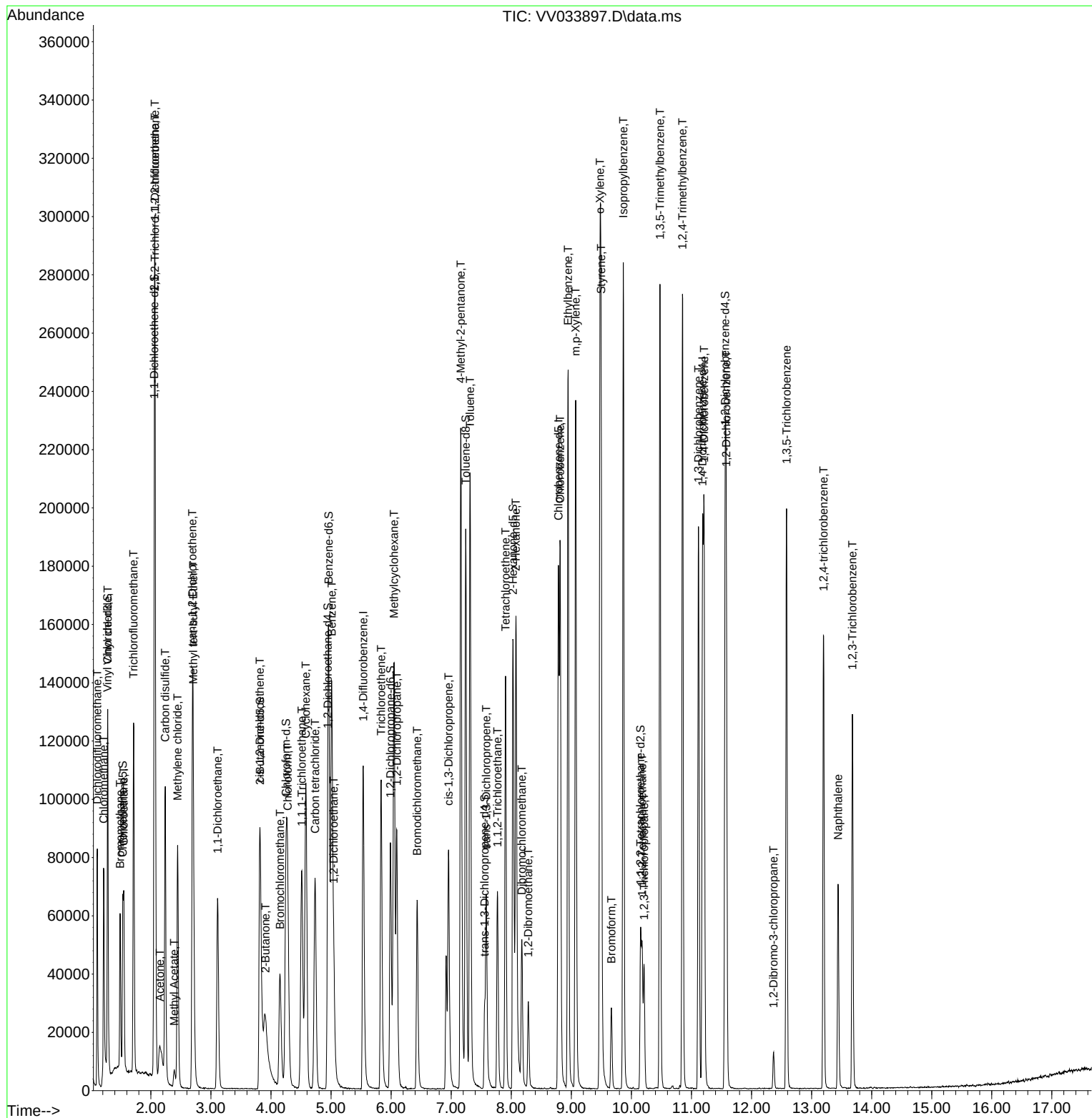
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	38107	5.115	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	63394	5.298	ug/L	100
30) Cyclohexane	4.580	56	59768	5.136	ug/L	99
31) Carbon tetrachloride	4.735	117	55147	5.267	ug/L	100
33) Benzene	5.011	78	142108	5.316	ug/L	100
34) Trichloroethene	5.834	95	38663	4.998	ug/L	96
35) Methylcyclohexane	6.050	83	63184	5.203	ug/L	99
37) 1,2-Dichloropropane	6.095	63	33442	5.165	ug/L	98
38) Bromodichloromethane	6.432	83	44689	5.258	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	51042	5.181	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	165767	53.462	ug/L	100
42) Toluene	7.313	91	151278	5.295	ug/L	98
44) trans-1,3-Dichloropropene	7.583	75	40671	5.376	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	21375	5.346	ug/L	96
47) Tetrachloroethene	7.905	164	30422	4.840	ug/L	97
48) 2-Hexanone	8.079	43	117263	53.652	ug/L	98
49) Dibromochloromethane	8.175	129	24603	5.178	ug/L	100
50) 1,2-Dibromoethane	8.284	107	19675	5.482	ug/L	98
51) Chlorobenzene	8.815	112	94668	5.241	ug/L	99
52) Ethylbenzene	8.947	91	171939	5.228	ug/L	100
53) m,p-Xylene	9.072	106	64682	5.205	ug/L	100
54) o-Xylene	9.477	106	62442	5.211	ug/L	98
55) Styrene	9.497	104	103418	5.390	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	23101	5.474	ug/L	98
59) Bromoform	9.667	173	12951	5.163	ug/L	96
60) Isopropylbenzene	9.866	105	175046	5.196	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	16425	5.247	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	148190	5.203	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	146260	5.285	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	76369	5.198	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	75736	5.206	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	67237	5.329	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	3513	5.355	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	58437	5.140	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	45560	5.134	ug/L	99
71) Naphthalene	13.442	128	55752	4.794	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	36745	5.167	ug/L	97

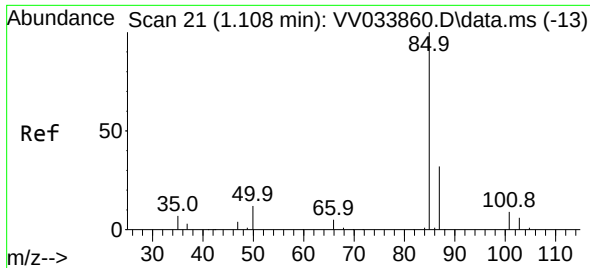
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Instrument :
 MSVOA_V
 ClientSampleId :

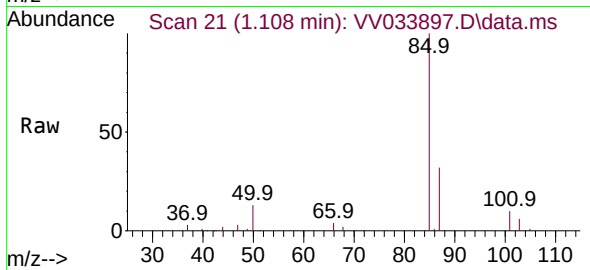
Quant Time: Jan 30 03:40:37 2024
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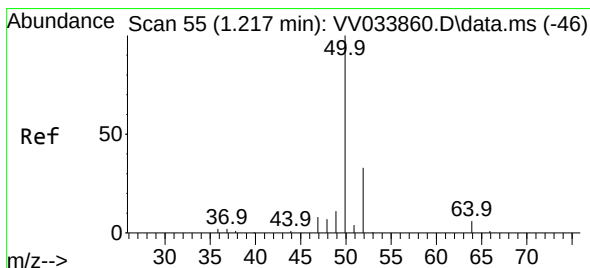
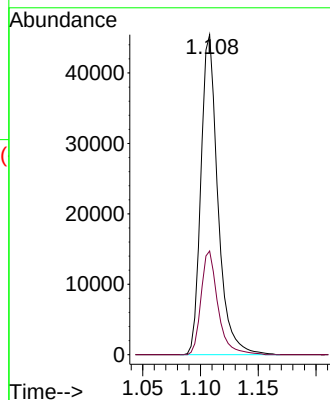
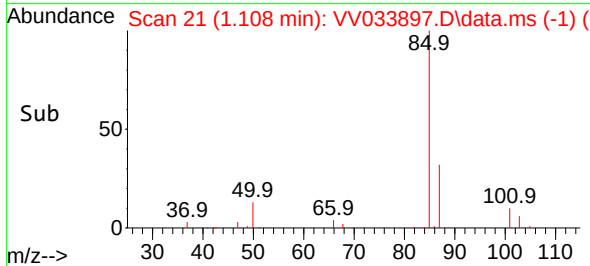


#2
Dichlorodifluoromethane
Concen: 5.141 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

Instrument :
MSVOA_V
ClientSampleId :

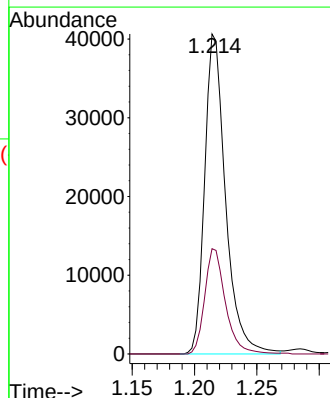
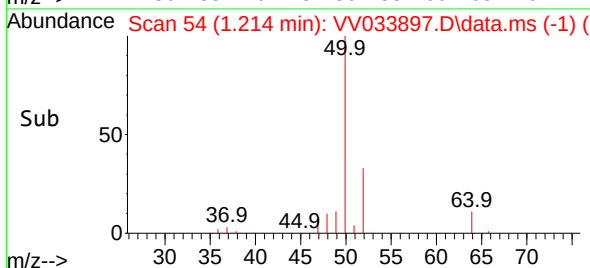
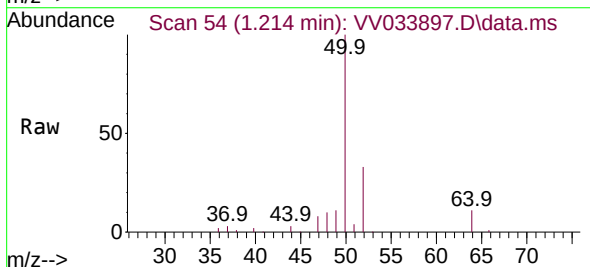


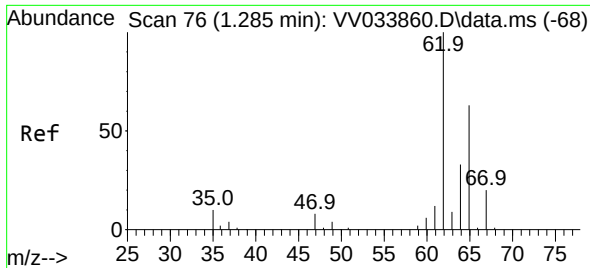
Tgt Ion: 85 Resp: 46380
Ion Ratio Lower Upper
85 100
87 32.2 26.2 39.4



#3
Chloromethane
Concen: 4.821 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

Tgt Ion: 50 Resp: 47442
Ion Ratio Lower Upper
50 100
52 32.9 23.4 43.4

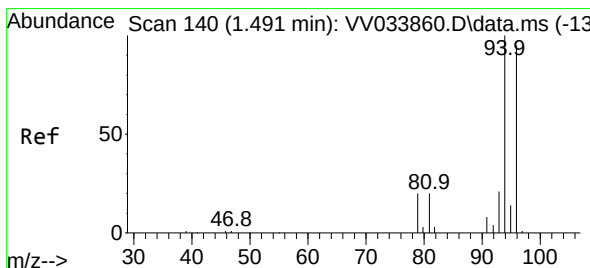
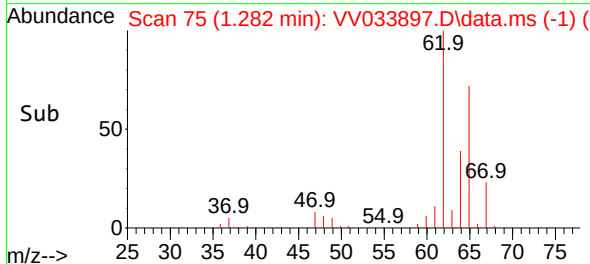
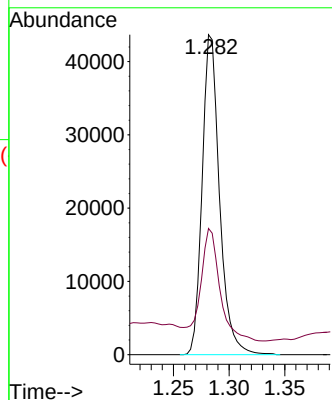
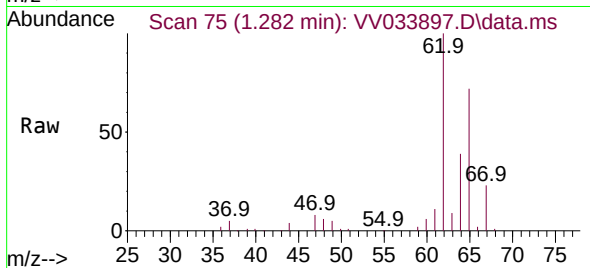




#5
Vinyl chloride
Concen: 5.046 ug/L
RT: 1.282 min Scan# 71
Delta R.T. -0.003 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

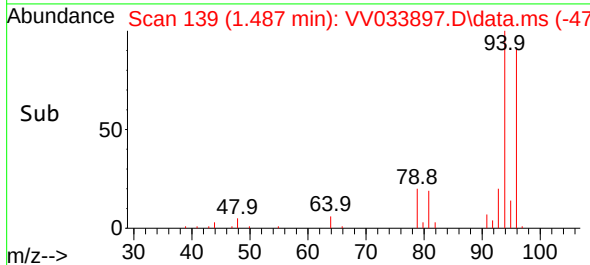
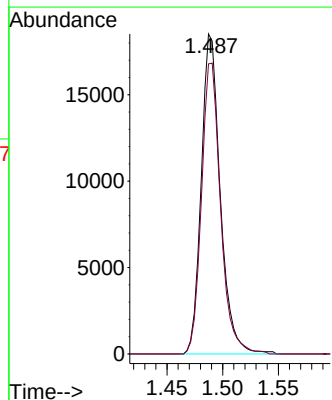
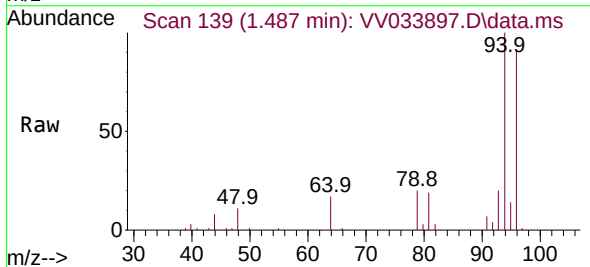
Instrument :
MSVOA_V
ClientSampleId :

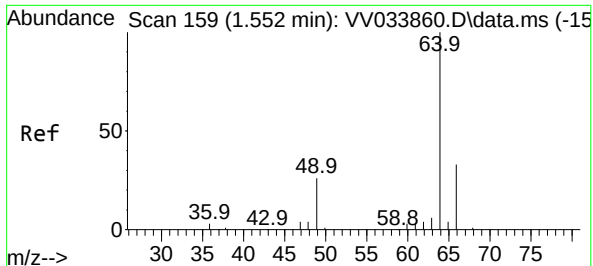
Tgt Ion: 62 Resp: 47447
Ion Ratio Lower Upper
62 100
64 39.5 27.2 50.4



#6
Bromomethane
Concen: 4.447 ug/L
RT: 1.487 min Scan# 139
Delta R.T. -0.003 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

Tgt Ion: 94 Resp: 22019
Ion Ratio Lower Upper
94 100
96 90.7 66.6 123.8

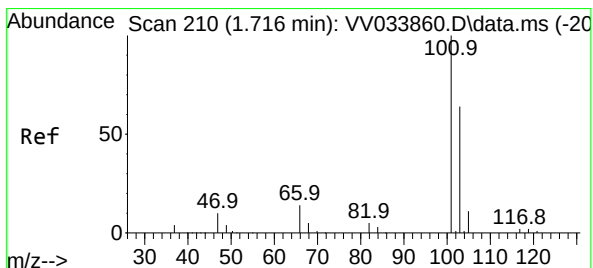
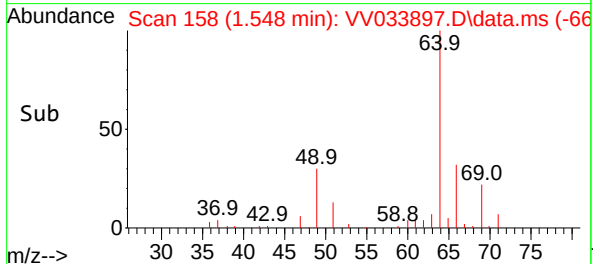
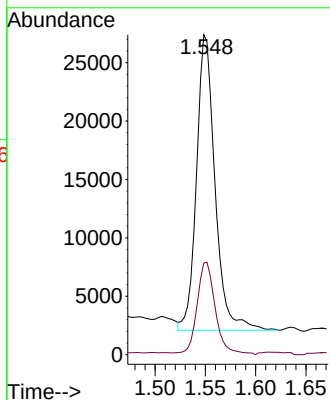
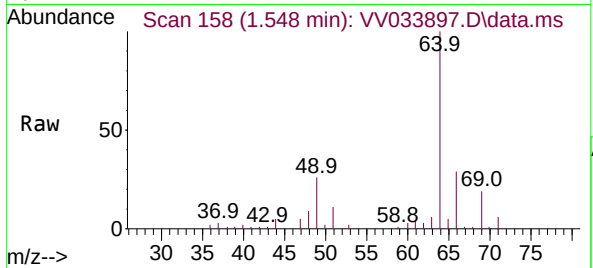




#8
Chloroethane
Concen: 5.054 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

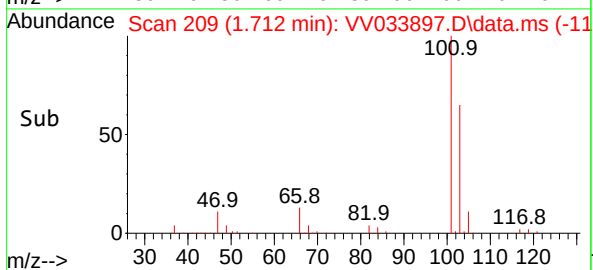
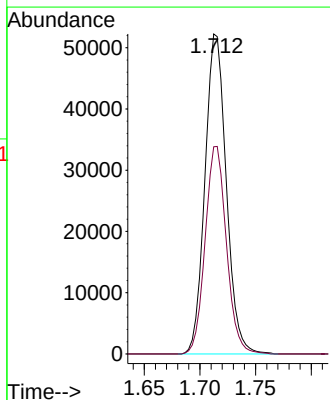
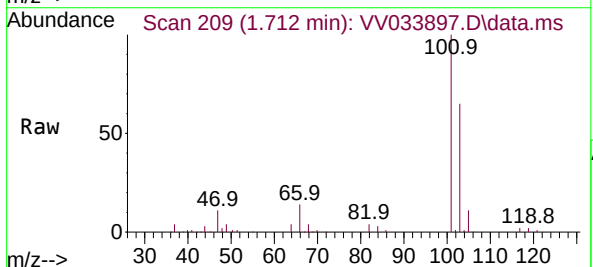
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MSVOA_V
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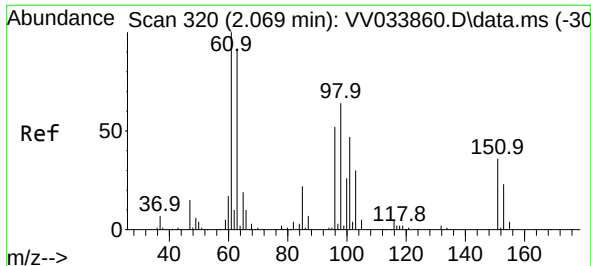
Tgt Ion: 64 Resp: 32423
Ion Ratio Lower Upper
64 100
66 28.6 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.144 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

Tgt Ion:101 Resp: 69706
Ion Ratio Lower Upper
101 100
103 64.6 51.0 76.4

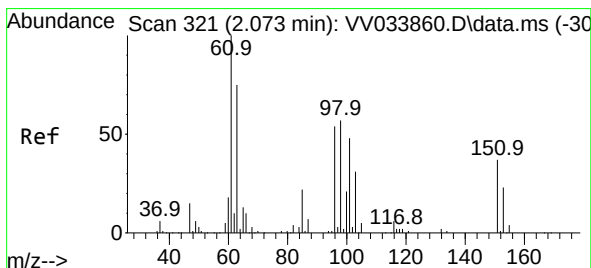
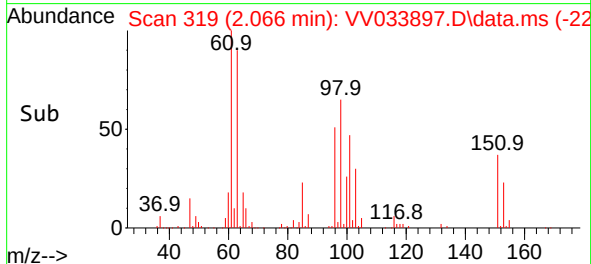
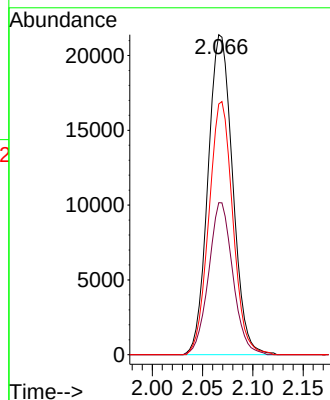
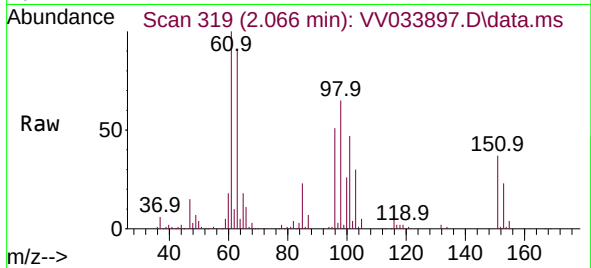




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.148 ug/L
 RT: 2.066 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV033897.D
 Acq: 29 Jan 2024 10:22

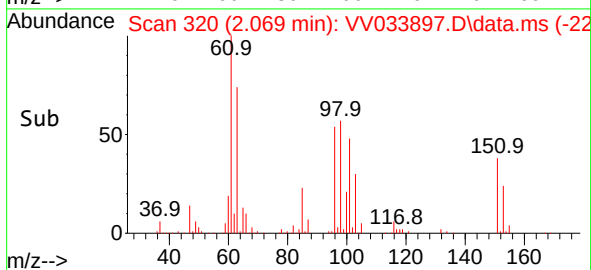
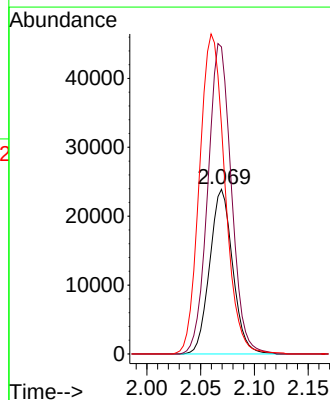
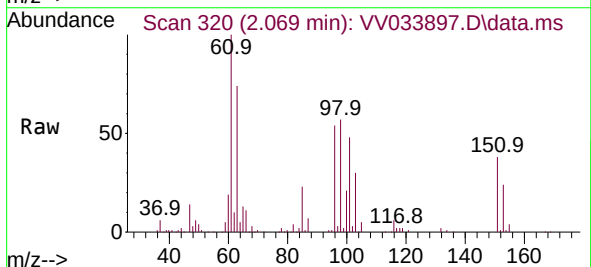
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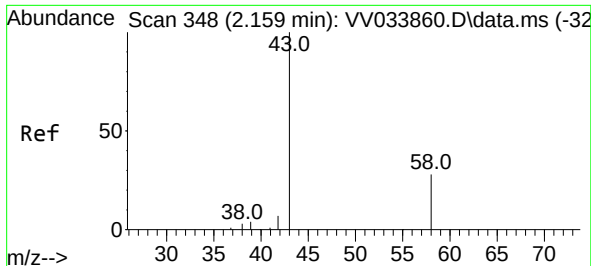
Tgt Ion:101 Resp: 36468
 Ion Ratio Lower Upper
 101 100
 85 46.6 37.1 55.7
 151 77.0 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 5.159 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.003 min
 Lab File: VV033897.D
 Acq: 29 Jan 2024 10:22

Tgt Ion: 96 Resp: 35479
 Ion Ratio Lower Upper
 96 100
 61 186.5 128.8 239.2
 63 138.7 97.9 181.9





#13

Acetone

Concen: 43.100 ug/L

RT: 2.150 min Scan# 34

Delta R.T. -0.010 min

Lab File: VV033897.D

Acq: 29 Jan 2024 10:22

Instrument :

MSVOA_V

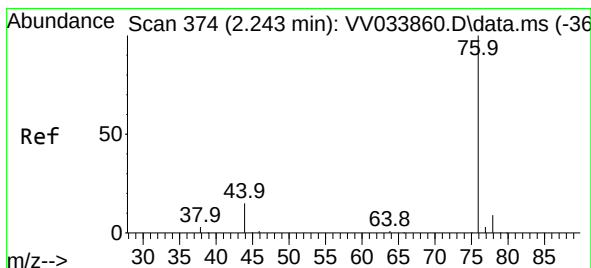
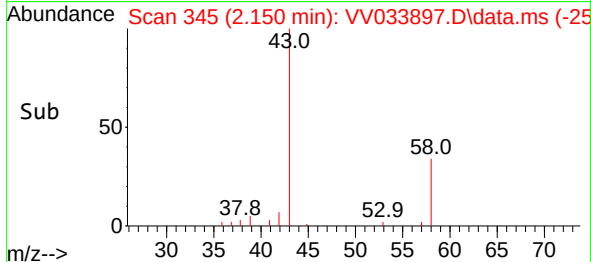
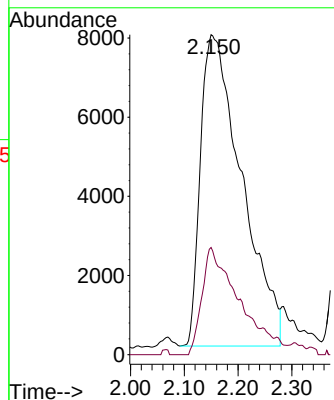
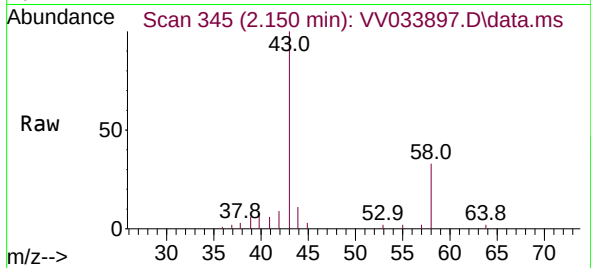
ClientSampleId :

Tgt Ion: 43 Resp: 41869

Ion Ratio Lower Upper

43 100

58 28.1 0.0 13.8#



#14

Carbon disulfide

Concen: 4.993 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV033897.D

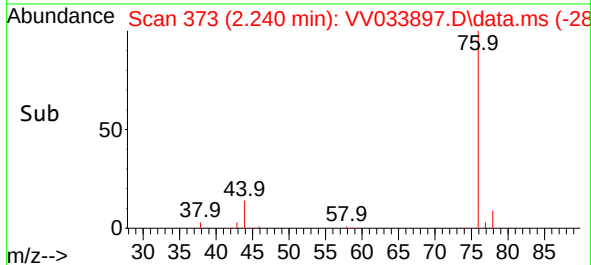
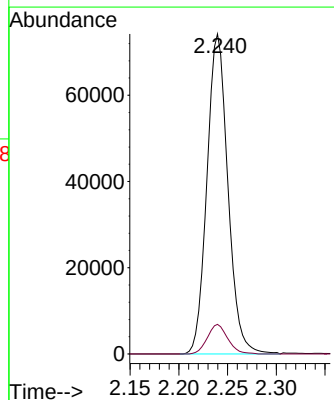
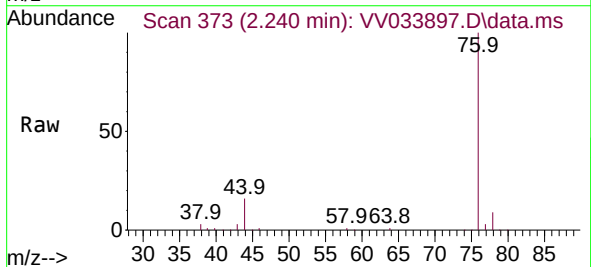
Acq: 29 Jan 2024 10:22

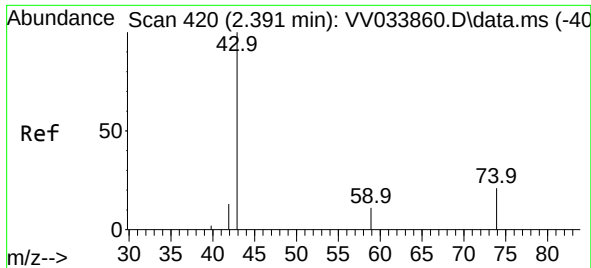
Tgt Ion: 76 Resp: 111106

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

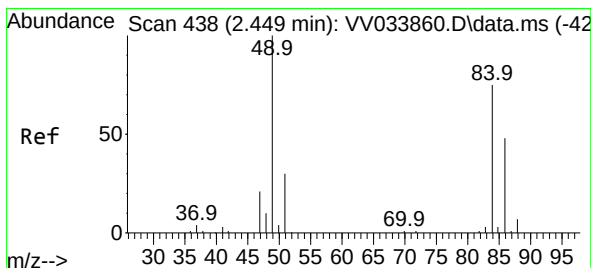
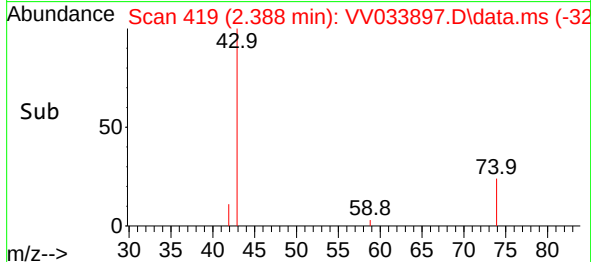
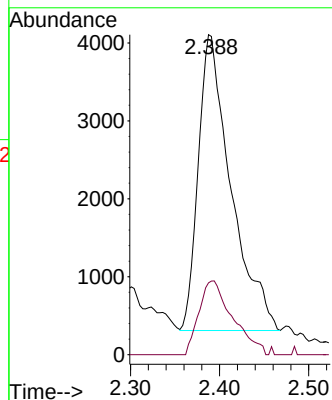
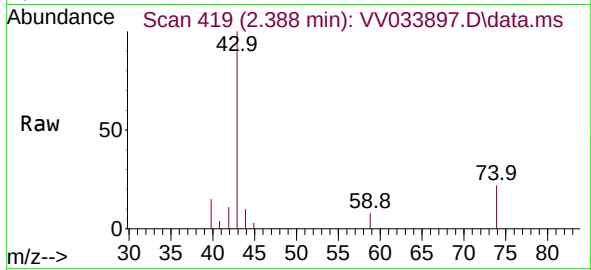




#15
Methyl Acetate
Concen: 4.206 ug/L
RT: 2.388 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

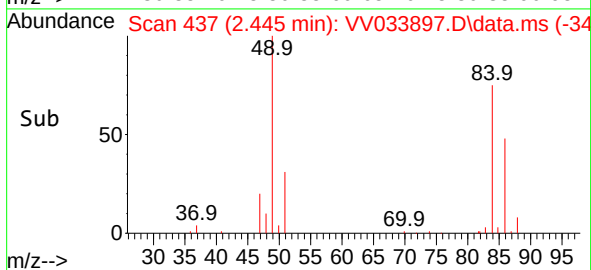
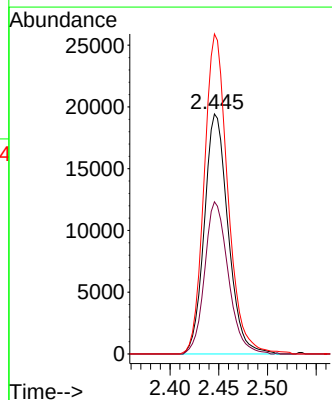
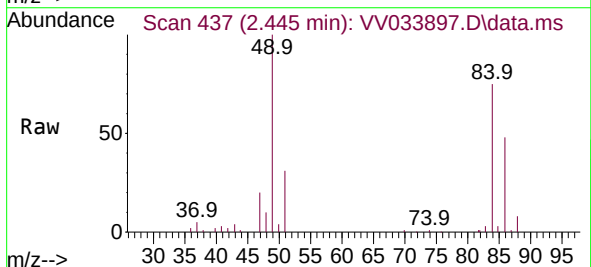
Instrument :
MSVOA_V
ClientSampleId :

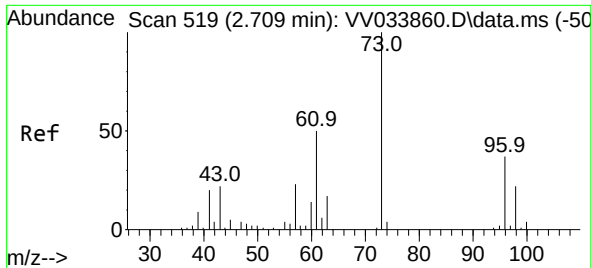
Tgt Ion: 43 Resp: 9671
Ion Ratio Lower Upper
43 100
74 25.7 18.2 27.4



#16
Methylene chloride
Concen: 4.998 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

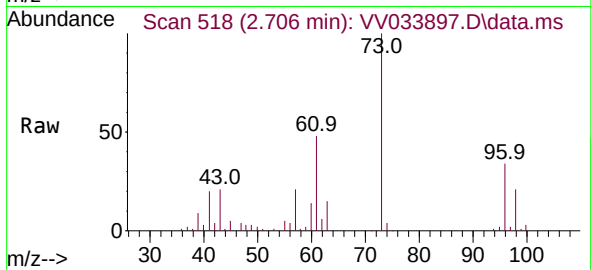
Tgt Ion: 84 Resp: 32980
Ion Ratio Lower Upper
84 100
86 63.4 44.7 83.1
49 133.3 93.7 173.9



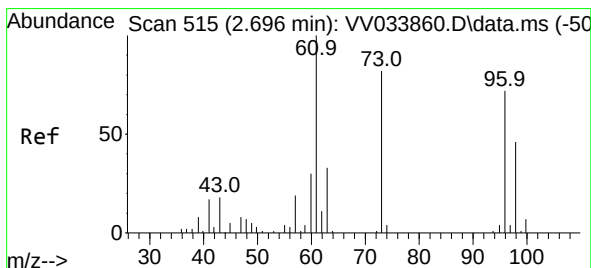
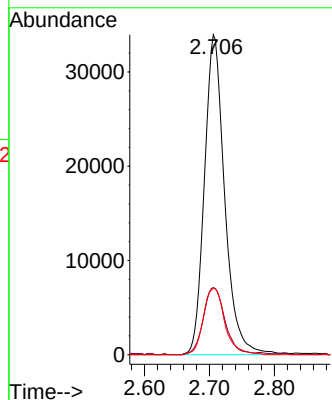
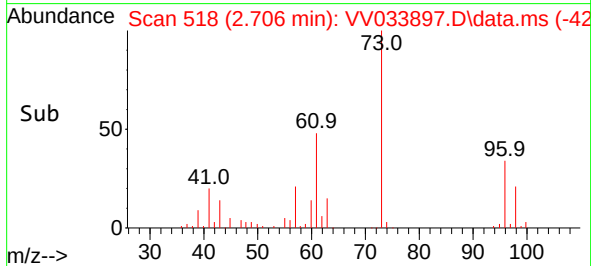


#17
Methyl tert-butyl Ether
Concen: 5.218 ug/L
RT: 2.706 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

Instrument :
MSVOA_V
ClientSampleId :

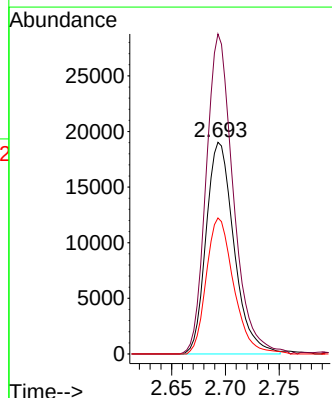
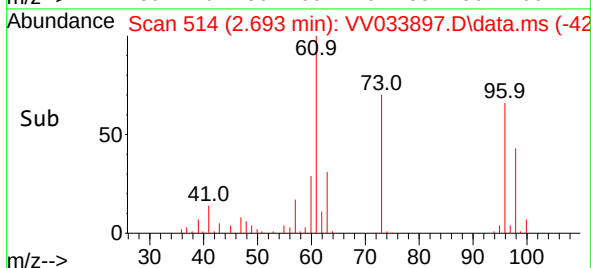
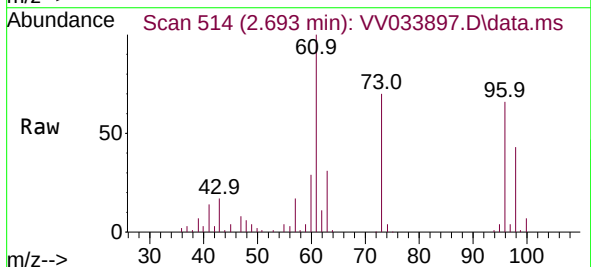


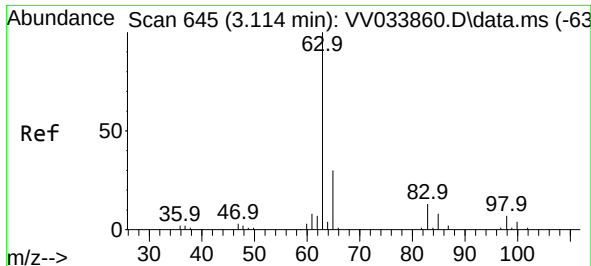
Tgt Ion: 73 Resp: 73732
Ion Ratio Lower Upper
73 100
43 22.5 17.7 26.5
57 22.0 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.895 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

Tgt Ion: 96 Resp: 34289
Ion Ratio Lower Upper
96 100
61 151.2 97.6 181.4
98 64.3 44.4 82.5





#19

1,1-Dichloroethane

Concen: 5.171 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV033897.D

Acq: 29 Jan 2024 10:22

Instrument :

MSVOA_V

ClientSampleId :

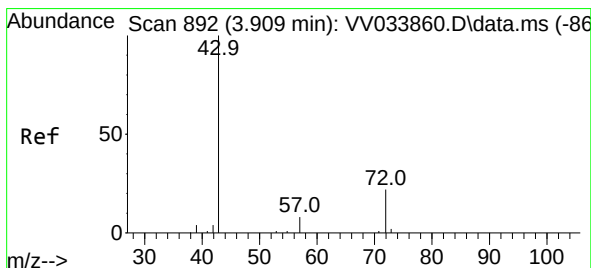
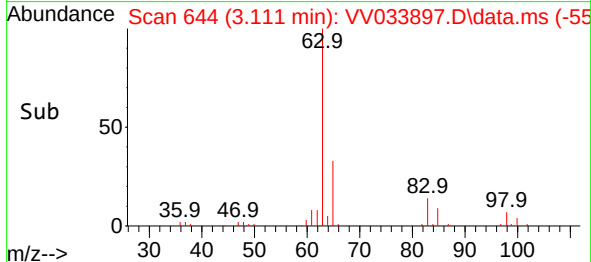
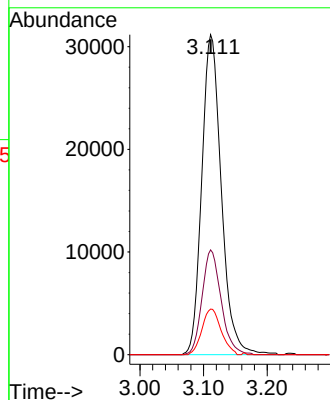
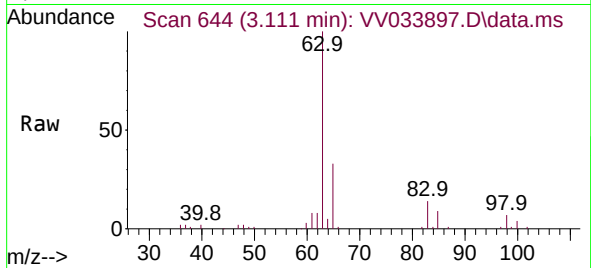
Tgt Ion: 63 Resp: 66558

Ion Ratio Lower Upper

63 100

65 32.7 20.8 38.6

83 14.3 9.4 17.4



#21

2-Butanone

Concen: 51.515 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.000 min

Lab File: VV033897.D

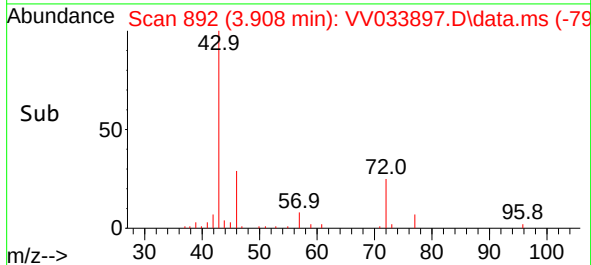
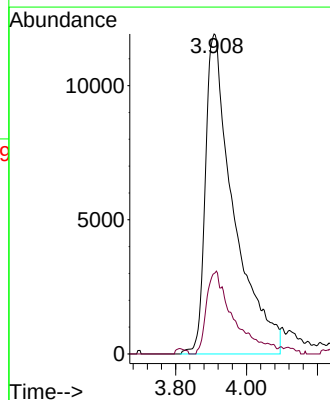
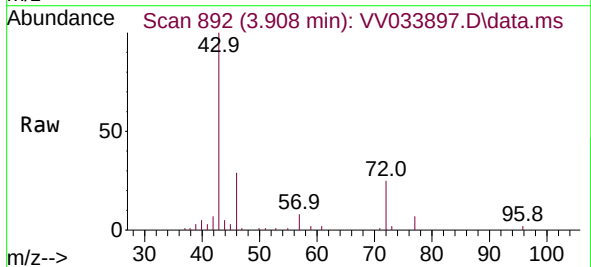
Acq: 29 Jan 2024 10:22

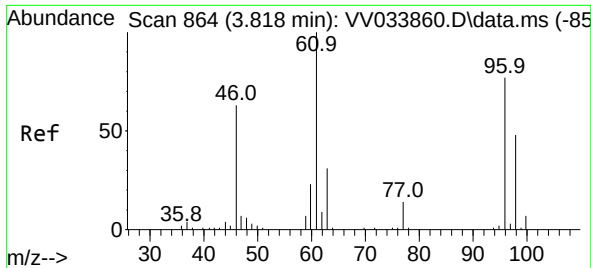
Tgt Ion: 43 Resp: 66132

Ion Ratio Lower Upper

43 100

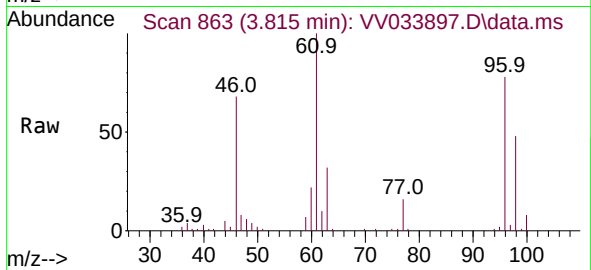
72 23.8 4.0 11.9#





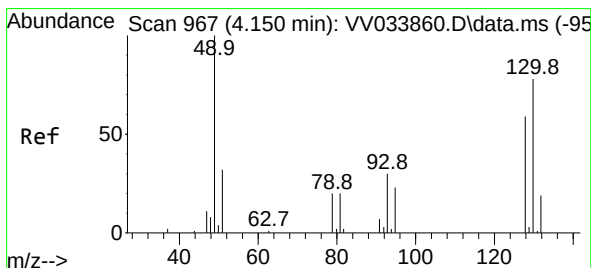
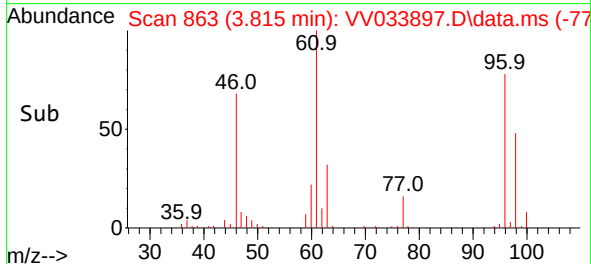
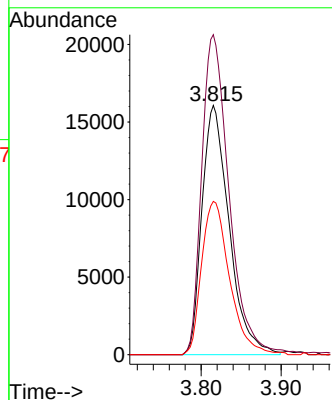
#22
 cis-1,2-Dichloroethene
 Concen: 4.784 ug/L
 RT: 3.815 min Scan# 864
 Delta R.T. -0.003 min
 Lab File: VV033897.D
 Acq: 29 Jan 2024 10:22

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 38021

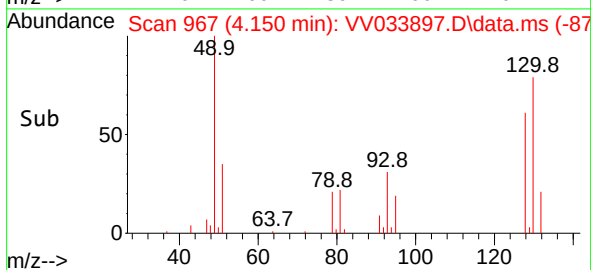
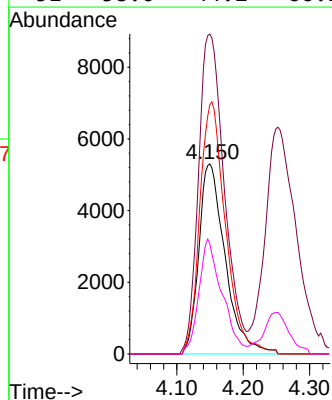
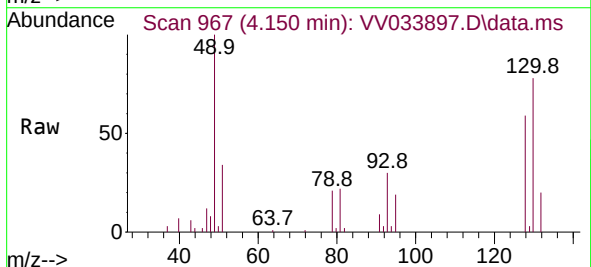
Ion	Ratio	Lower	Upper
96	100		
61	128.4	90.3	167.7
98	61.5	43.2	80.2

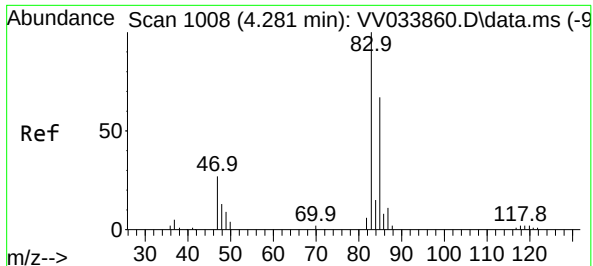


#23
 Bromochloromethane
 Concen: 5.288 ug/L
 RT: 4.150 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VV033897.D
 Acq: 29 Jan 2024 10:22

Tgt Ion: 128 Resp: 14611

Ion	Ratio	Lower	Upper
128	100		
49	168.4	120.5	223.7
130	131.2	93.4	173.4
51	58.0	44.2	66.2

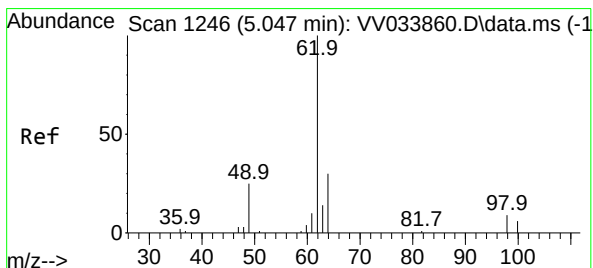
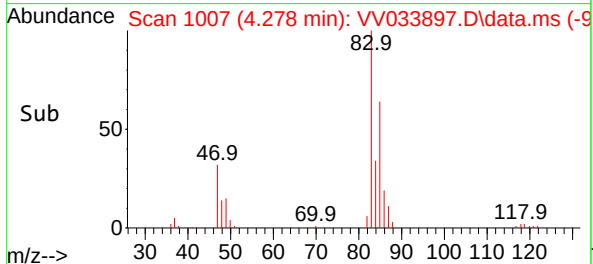
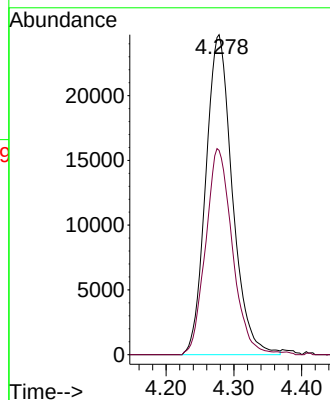
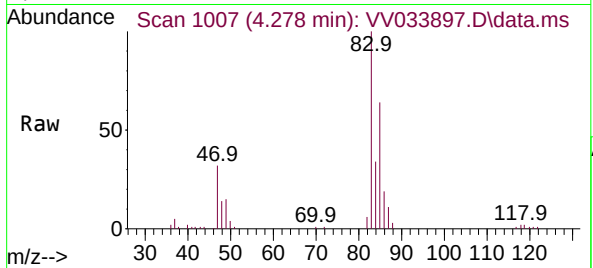




#25
Chloroform
Concen: 5.167 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. -0.003 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

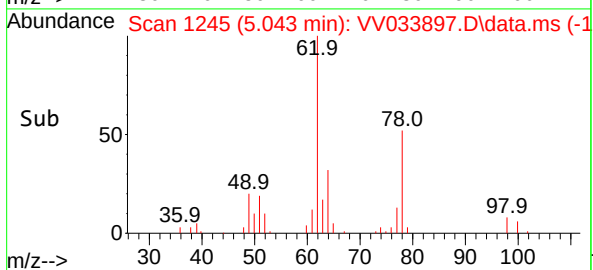
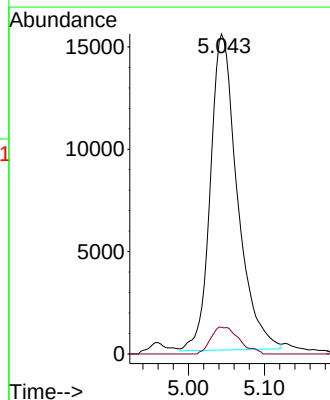
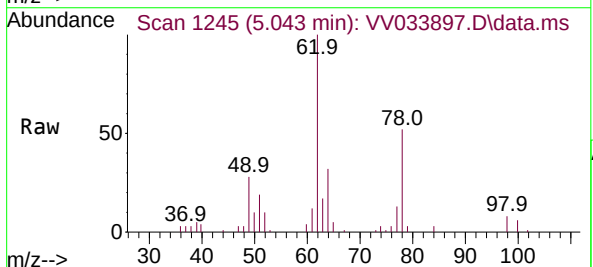
Instrument :
MSVOA_V
ClientSampleId :

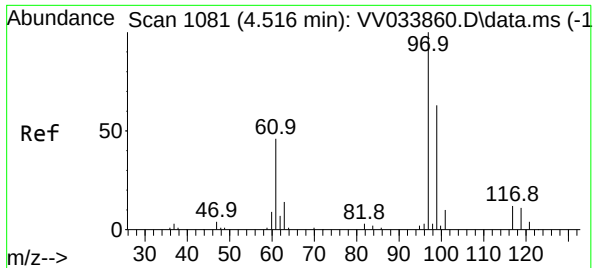
Tgt Ion: 83 Resp: 67222
Ion Ratio Lower Upper
83 100
85 63.8 47.5 88.1



#27
1,2-Dichloroethane
Concen: 5.115 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.003 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

Tgt Ion: 62 Resp: 38107
Ion Ratio Lower Upper
62 100
98 8.3 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.298 ug/L

RT: 4.513 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VV033897.D

Acq: 29 Jan 2024 10:22

Instrument :

MSVOA_V

ClientSampleId :

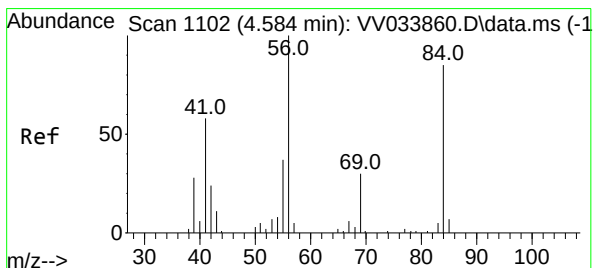
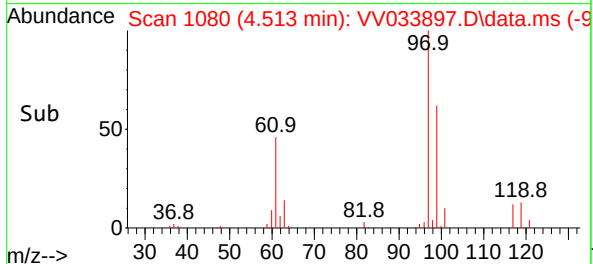
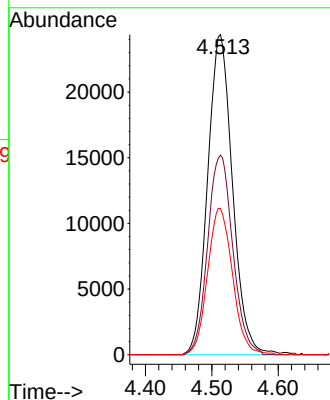
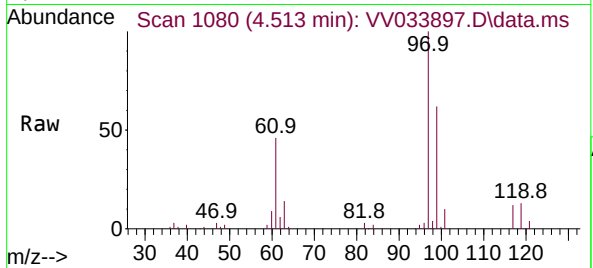
Tgt Ion: 97 Resp: 63394

Ion Ratio Lower Upper

97 100

99 63.1 50.6 75.8

61 46.0 36.8 55.2



#30

Cyclohexane

Concen: 5.136 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.003 min

Lab File: VV033897.D

Acq: 29 Jan 2024 10:22

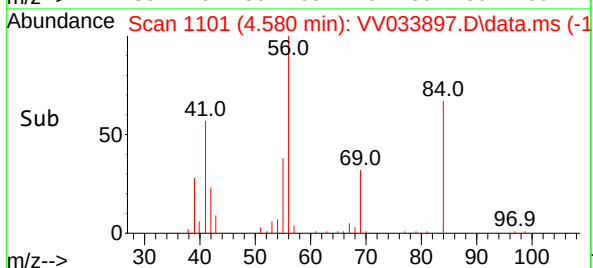
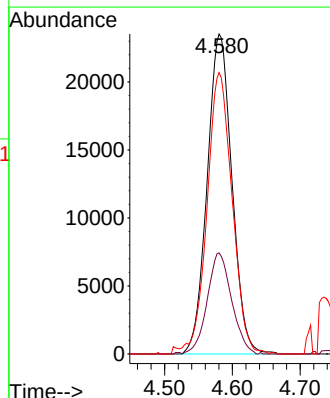
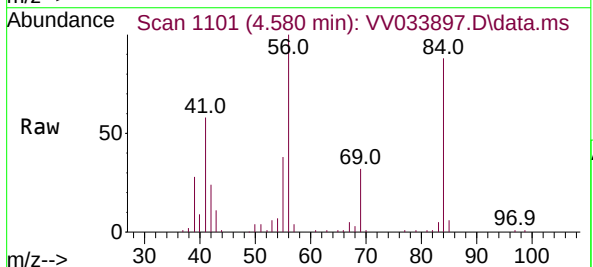
Tgt Ion: 56 Resp: 59768

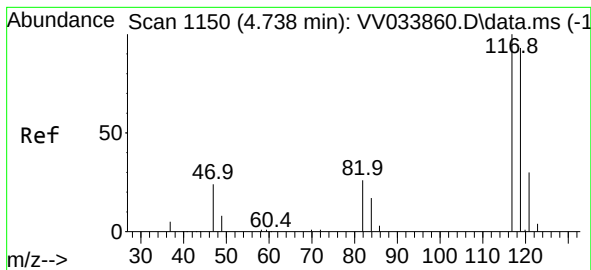
Ion Ratio Lower Upper

56 100

69 31.1 24.2 36.2

84 88.9 70.0 105.0





#31

Carbon tetrachloride

Concen: 5.267 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.003 min

Lab File: VV033897.D

Acq: 29 Jan 2024 10:22

Instrument :

MSVOA_V

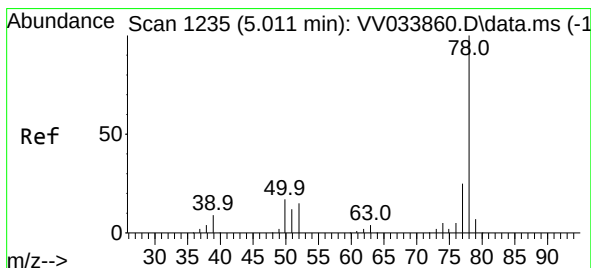
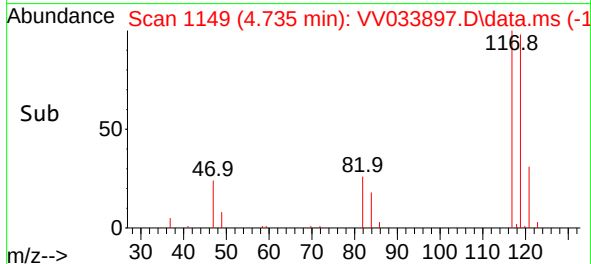
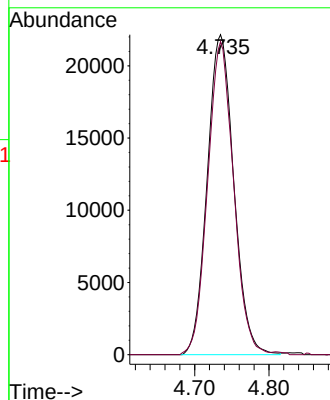
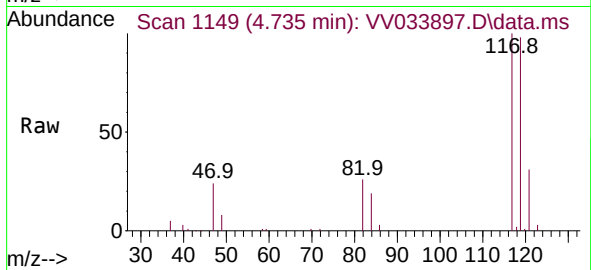
ClientSampleId :

Tgt Ion:117 Resp: 55147

Ion Ratio Lower Upper

117 100

119 95.1 76.1 114.1



#33

Benzene

Concen: 5.316 ug/L

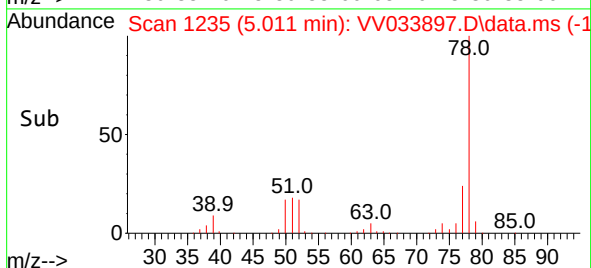
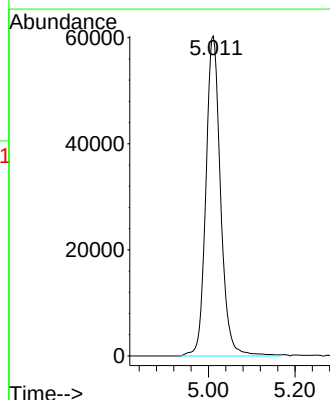
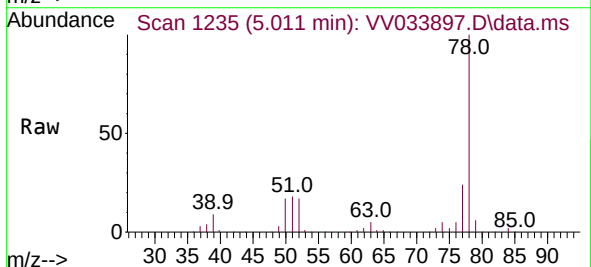
RT: 5.011 min Scan# 1235

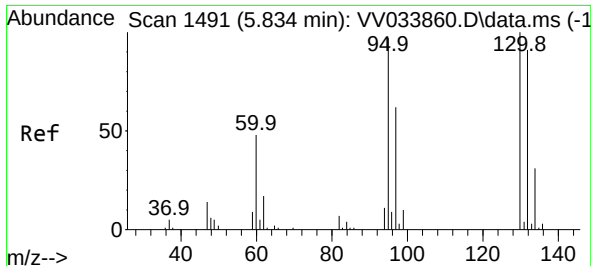
Delta R.T. -0.000 min

Lab File: VV033897.D

Acq: 29 Jan 2024 10:22

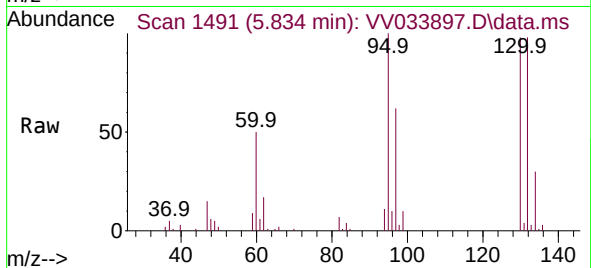
Tgt Ion: 78 Resp: 142108





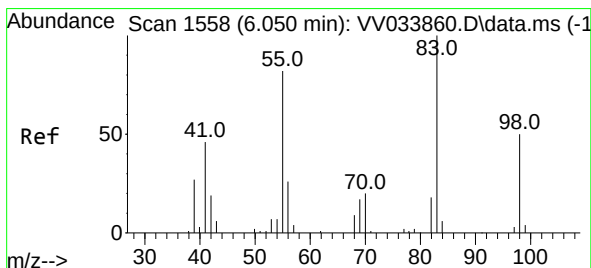
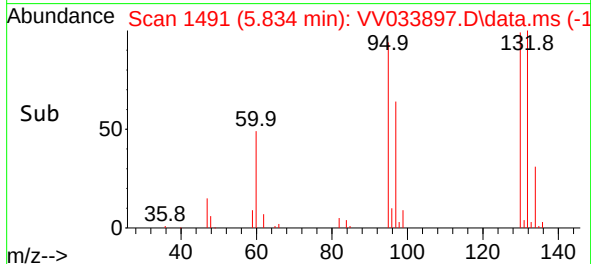
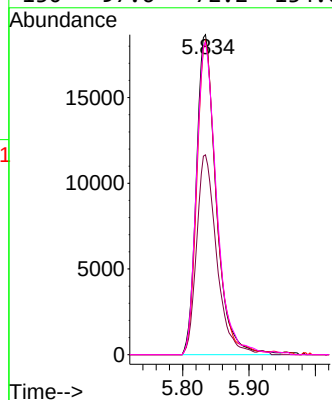
#34
Trichloroethene
Concen: 4.998 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 38663

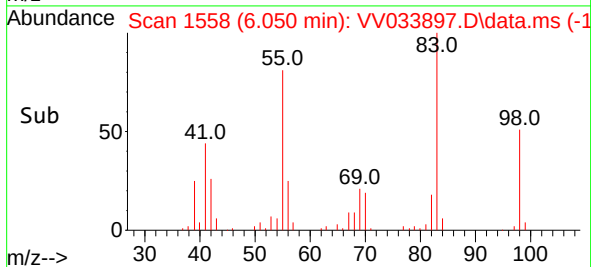
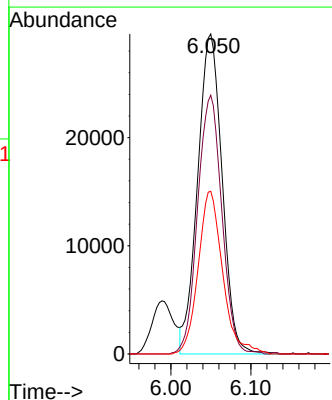
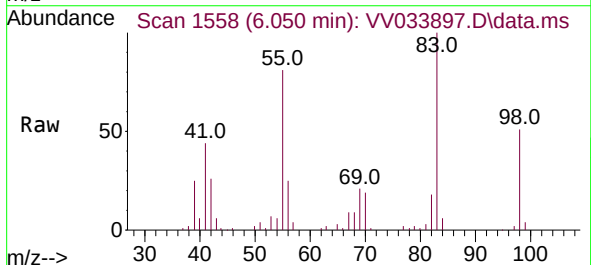
Ion	Ratio	Lower	Upper
95	100		
97	62.4	45.1	83.7
132	98.1	66.0	122.6
130	97.6	72.2	134.0

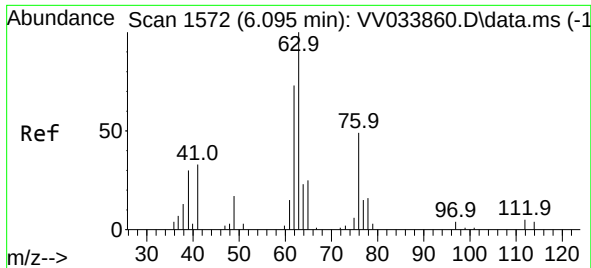


#35
Methylcyclohexane
Concen: 5.203 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

Tgt Ion: 83 Resp: 63184

Ion	Ratio	Lower	Upper
83	100		
55	79.8	63.5	95.3
98	50.7	39.0	58.4

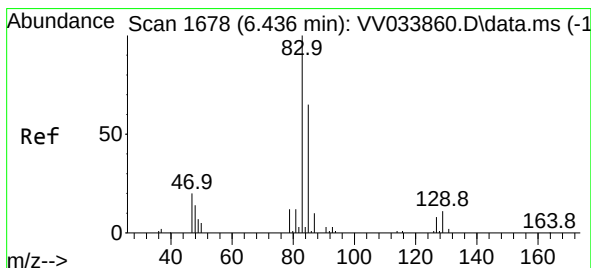
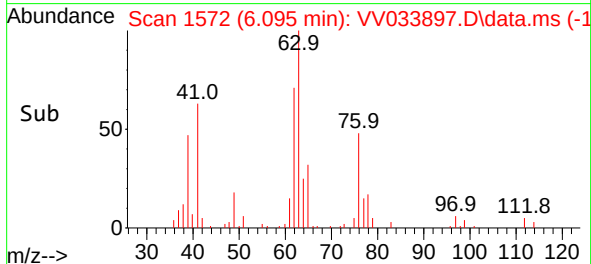
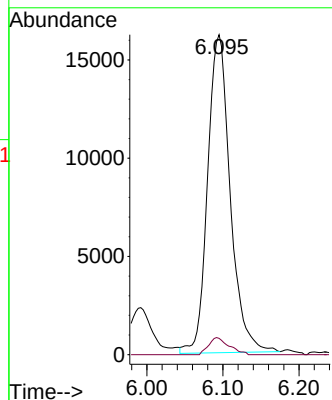
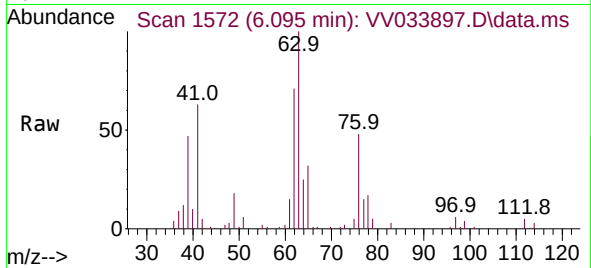




#37
1,2-Dichloropropane
Concen: 5.165 ug/L
RT: 6.095 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

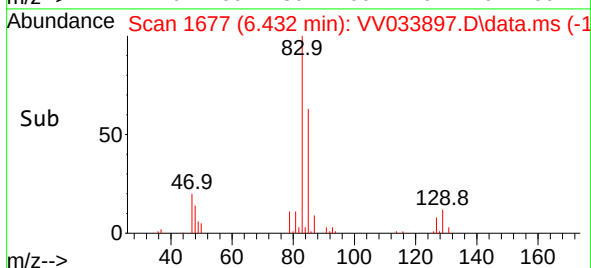
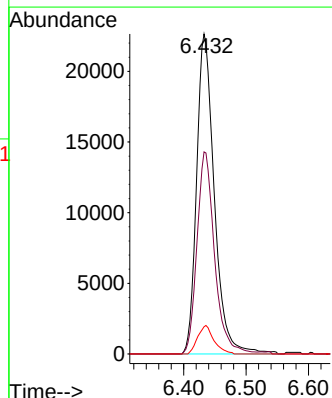
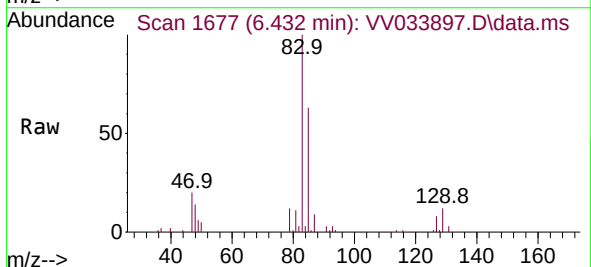
Instrument :
MSVOA_V
ClientSampleId :

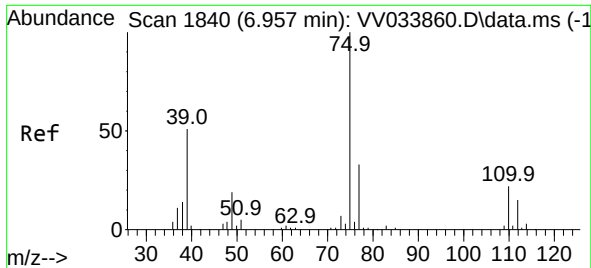
Tgt Ion: 63 Resp: 33442
Ion Ratio Lower Upper
63 100
112 4.8 3.4 5.0



#38
Bromodichloromethane
Concen: 5.258 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. -0.003 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

Tgt Ion: 83 Resp: 44689
Ion Ratio Lower Upper
83 100
85 63.1 45.4 84.2
127 8.5 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 5.181 ug/L

RT: 6.957 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV033897.D

Acq: 29 Jan 2024 10:22

Instrument :

MSVOA_V

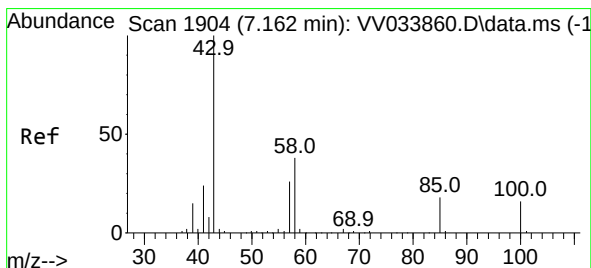
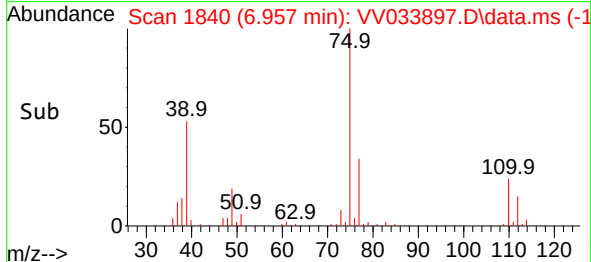
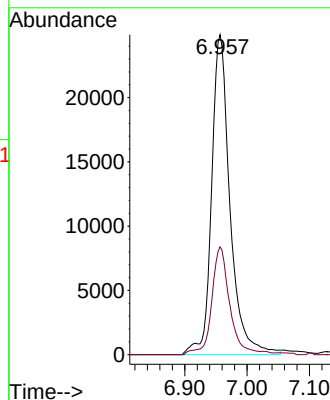
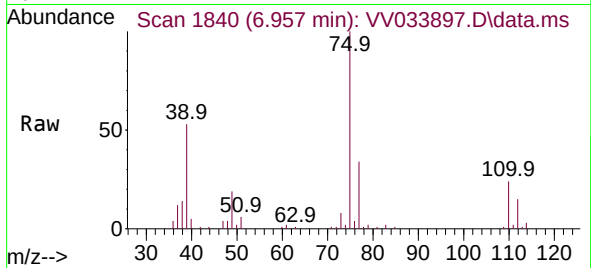
ClientSampleId :

Tgt Ion: 75 Resp: 51042

Ion Ratio Lower Upper

75 100

77 33.7 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 53.462 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.003 min

Lab File: VV033897.D

Acq: 29 Jan 2024 10:22

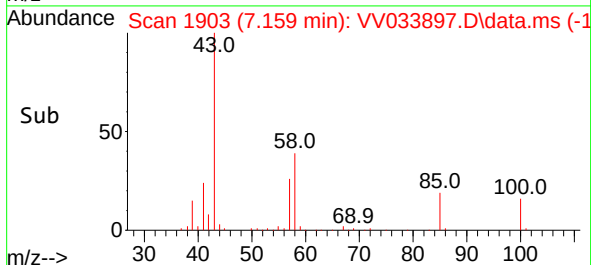
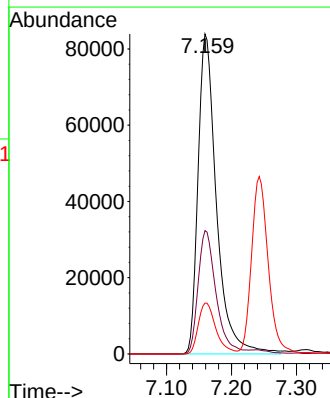
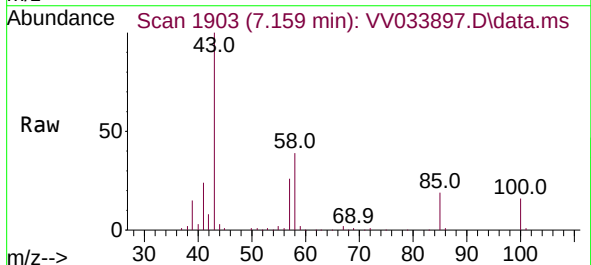
Tgt Ion: 43 Resp: 165767

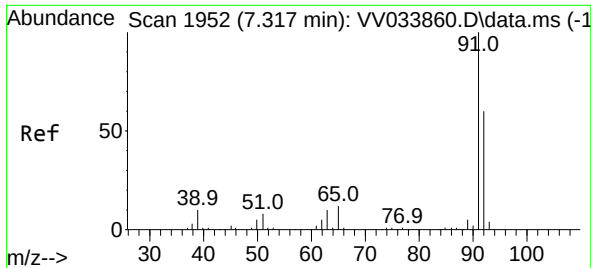
Ion Ratio Lower Upper

43 100

58 37.8 30.2 45.2

100 15.3 12.1 18.1





#42

Toluene

Concen: 5.295 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV033897.D

Acq: 29 Jan 2024 10:22

Instrument :

MSVOA_V

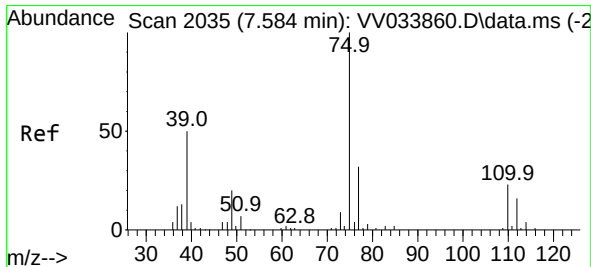
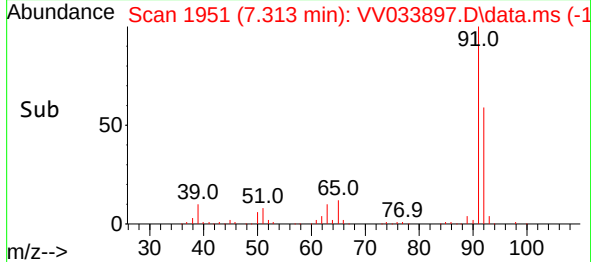
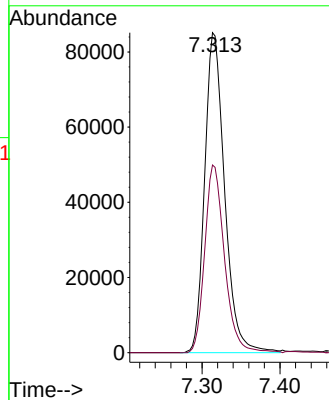
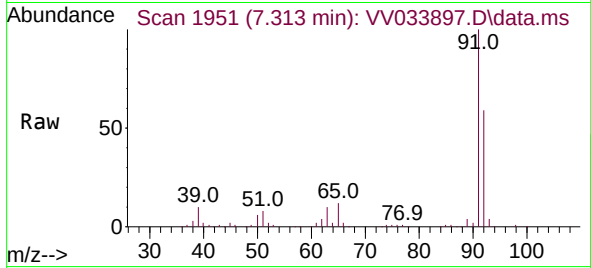
ClientSampleId :

Tgt Ion: 91 Resp: 151278

Ion Ratio Lower Upper

91 100

92 58.6 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 5.376 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV033897.D

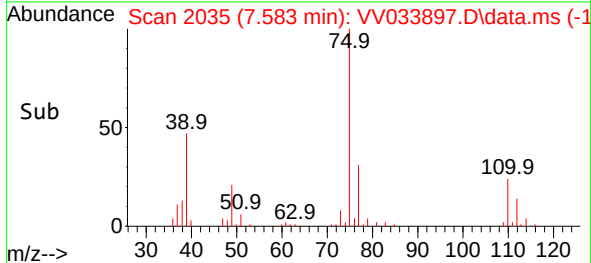
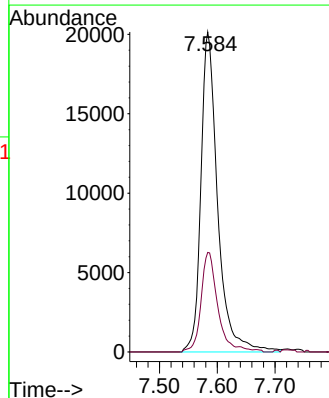
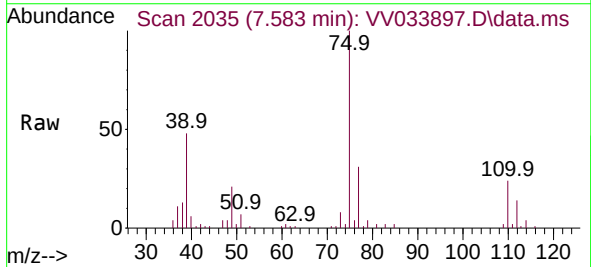
Acq: 29 Jan 2024 10:22

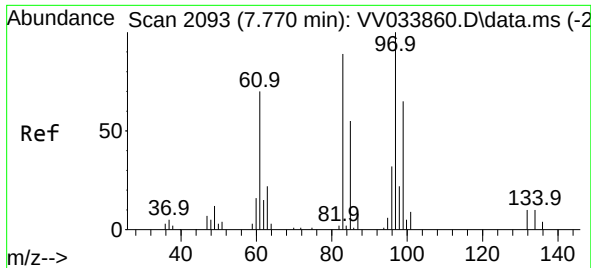
Tgt Ion: 75 Resp: 40671

Ion Ratio Lower Upper

75 100

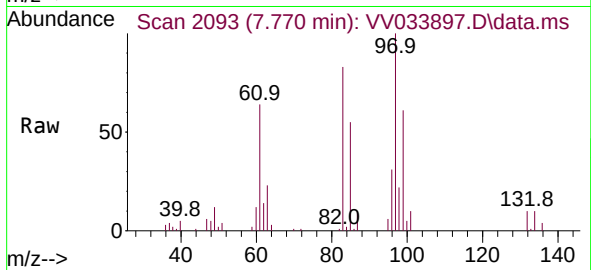
77 31.1 22.2 41.2



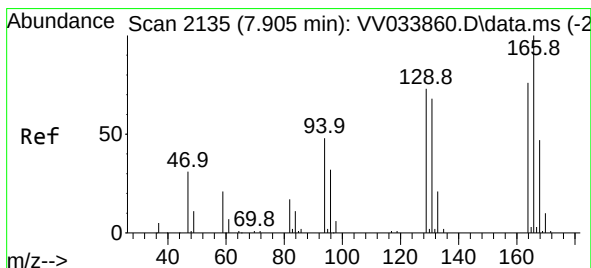
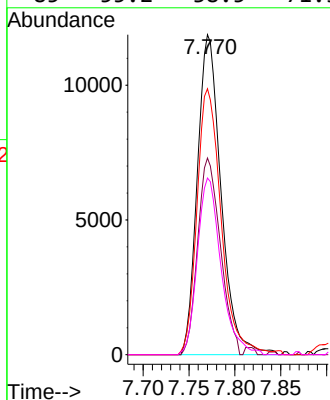
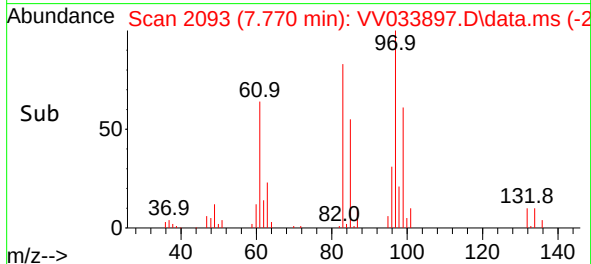


#45
1,1,2-Trichloroethane
Concen: 5.346 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

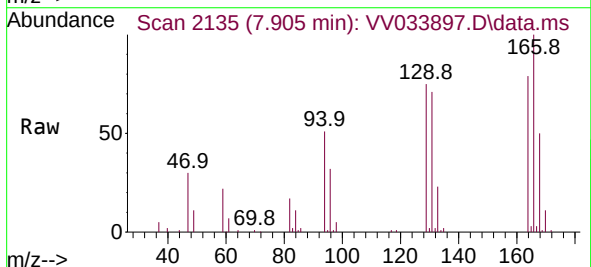
Instrument :
MSVOA_V
ClientSampleId :



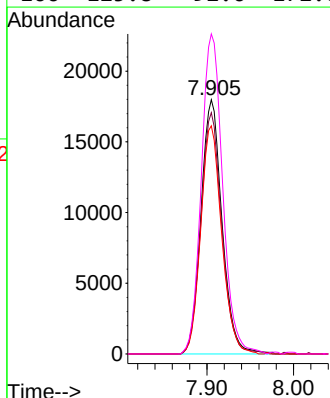
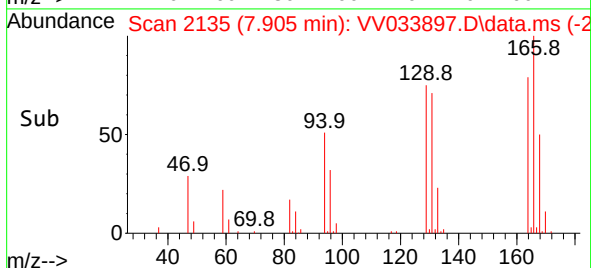
Tgt Ion:	97	Resp:	21375
Ion	Ratio	Lower	Upper
97	100		
99	61.4	45.6	84.6
83	83.1	62.3	115.7
85	55.2	38.5	71.5

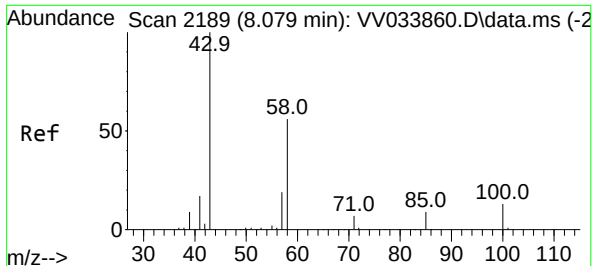


#47
Tetrachloroethene
Concen: 4.840 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22



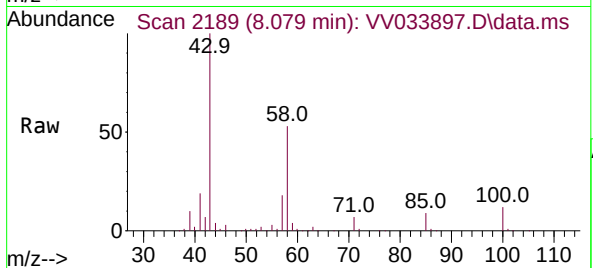
Tgt Ion:	164	Resp:	30422
Ion	Ratio	Lower	Upper
164	100		
129	94.9	67.8	125.8
131	89.7	63.0	117.0
166	125.8	92.6	172.0





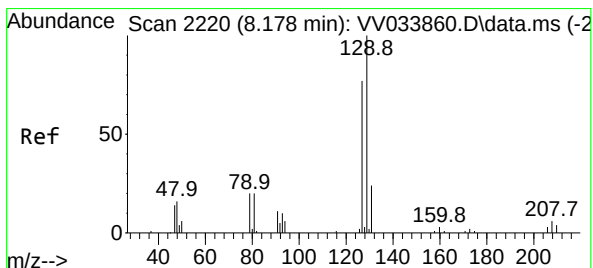
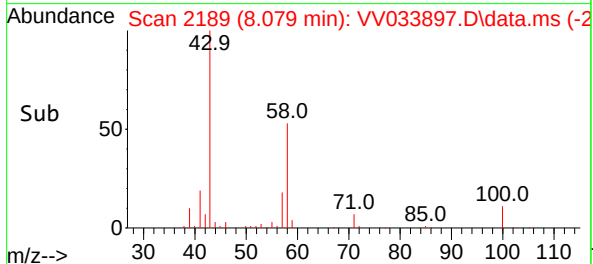
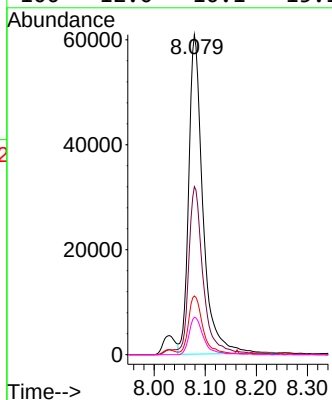
#48
2-Hexanone
Concen: 53.652 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 117263

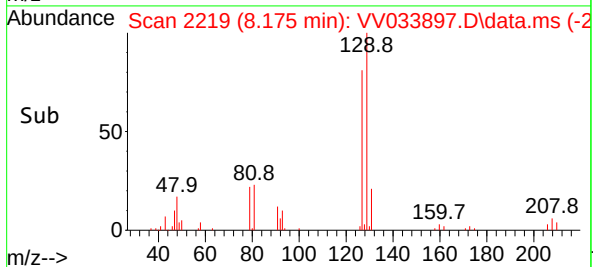
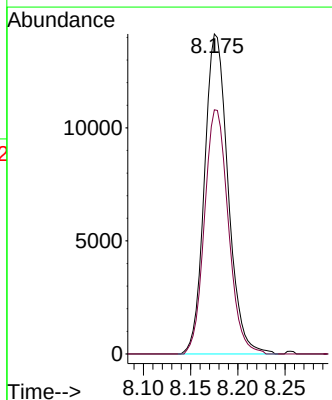
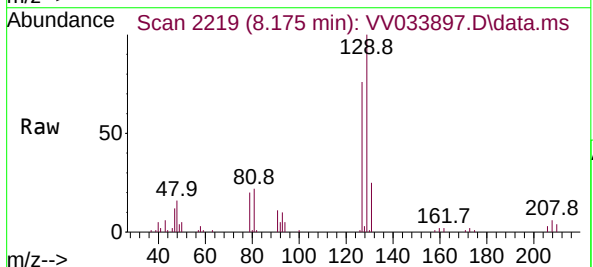
Ion	Ratio	Lower	Upper
43	100		
58	51.9	42.6	64.0
57	18.1	15.5	23.3
100	12.0	10.1	15.1

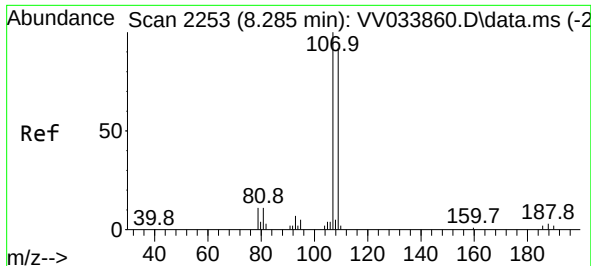


#49
Dibromochloromethane
Concen: 5.178 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.003 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

Tgt Ion: 129 Resp: 24603

Ion	Ratio	Lower	Upper
129	100		
127	76.3	53.5	99.5





#50

1,2-Dibromoethane

Concen: 5.482 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV033897.D

Acq: 29 Jan 2024 10:22

Instrument :

MSVOA_V

ClientSampleId :

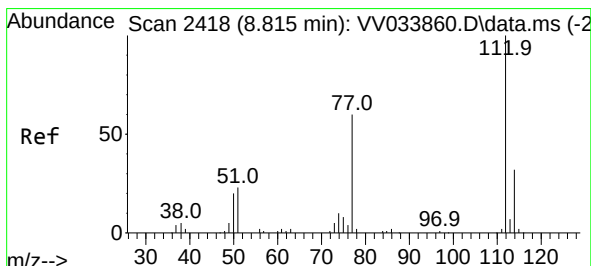
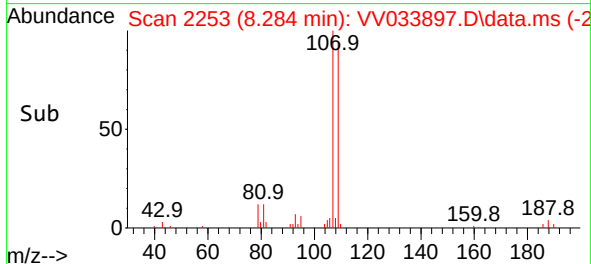
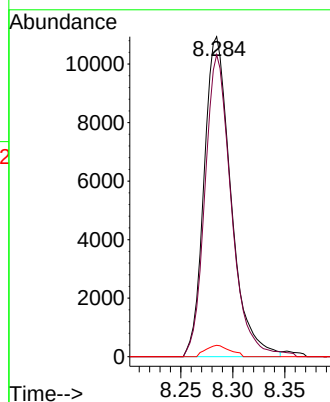
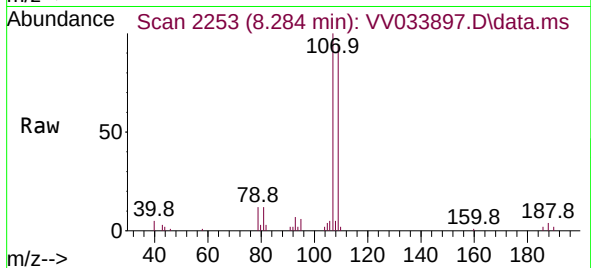
Tgt Ion:107 Resp: 19675

Ion Ratio Lower Upper

107 100

109 94.4 64.5 119.9

188 3.5 2.6 4.0



#51

Chlorobenzene

Concen: 5.241 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. -0.000 min

Lab File: VV033897.D

Acq: 29 Jan 2024 10:22

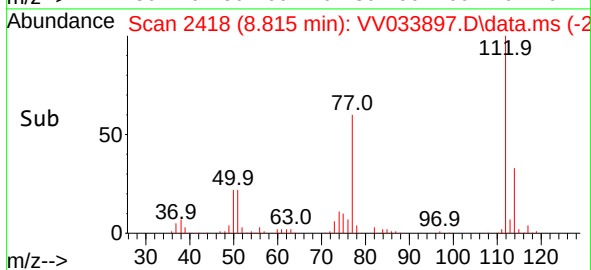
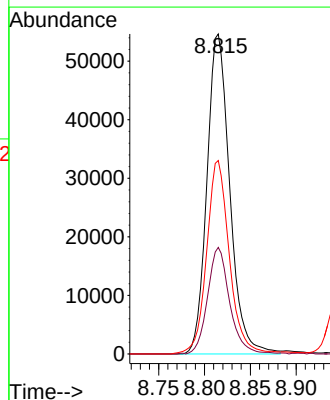
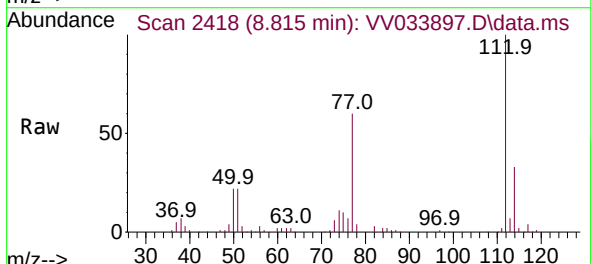
Tgt Ion:112 Resp: 94668

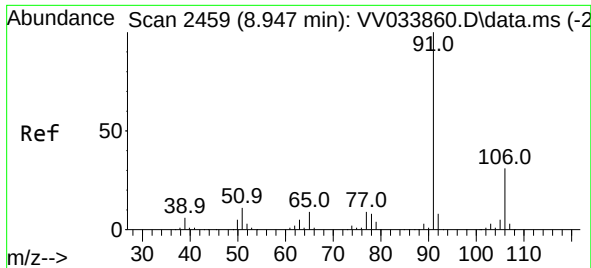
Ion Ratio Lower Upper

112 100

114 33.3 22.5 41.7

77 60.5 48.1 72.1

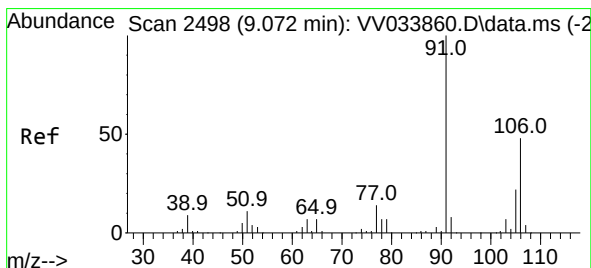
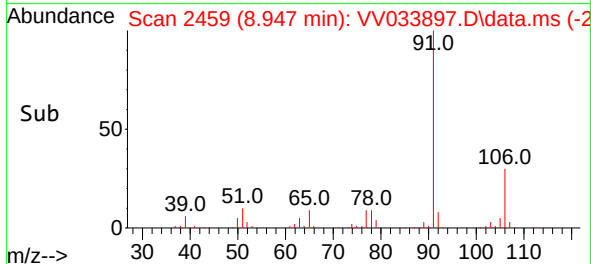
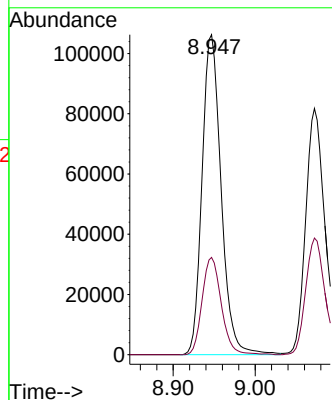
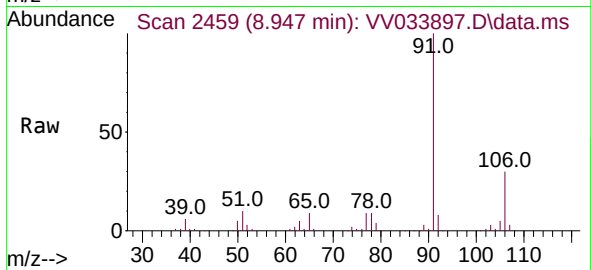




#52
Ethylbenzene
Concen: 5.228 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

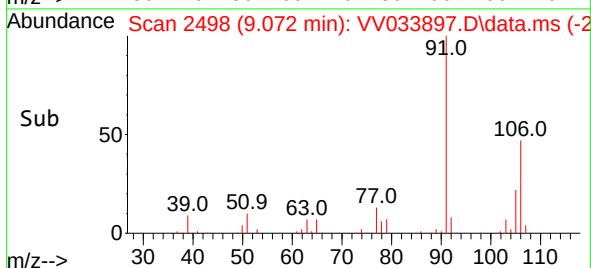
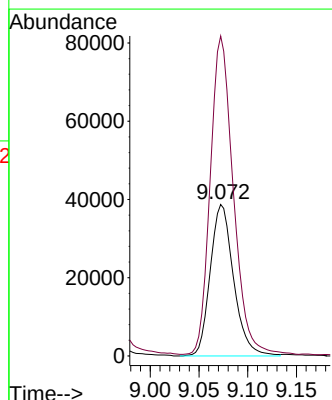
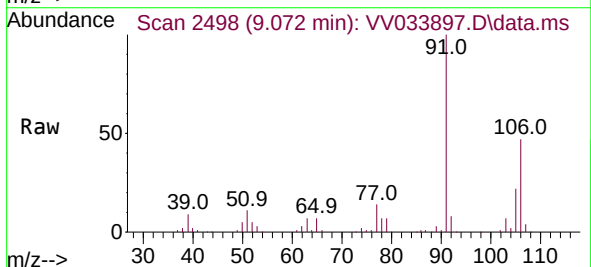
Instrument :
MSVOA_V
ClientSampleId :

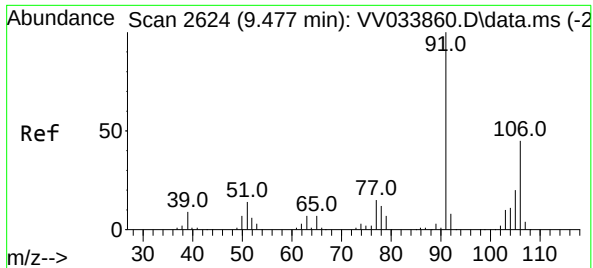
Tgt Ion: 91 Resp: 171939
Ion Ratio Lower Upper
91 100
106 30.4 21.4 39.8



#53
m,p-Xylene
Concen: 5.205 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

Tgt Ion: 106 Resp: 64682
Ion Ratio Lower Upper
106 100
91 211.1 147.5 273.9

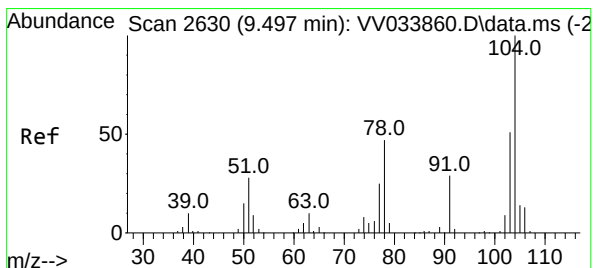
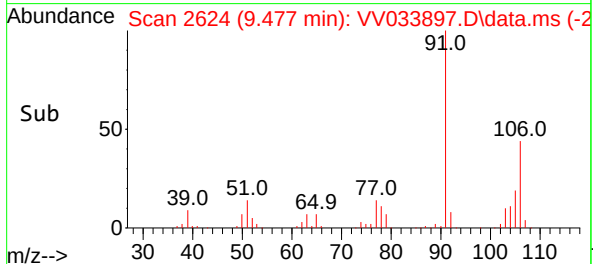
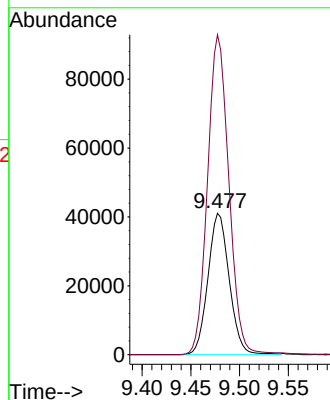
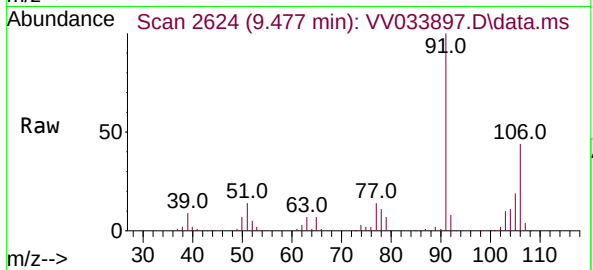




#54
o-Xylene
Concen: 5.211 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

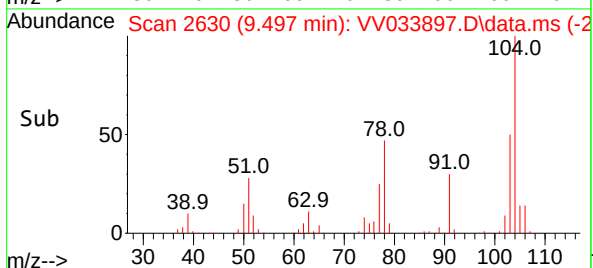
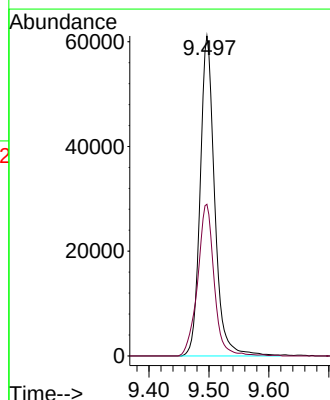
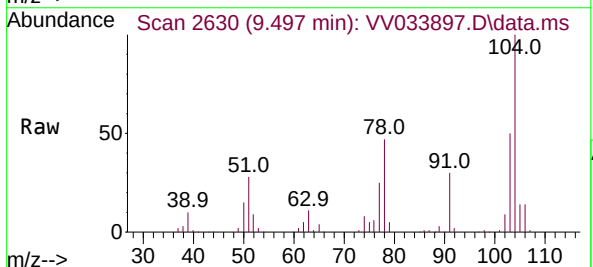
Instrument :
MSVOA_V
ClientSampleId :

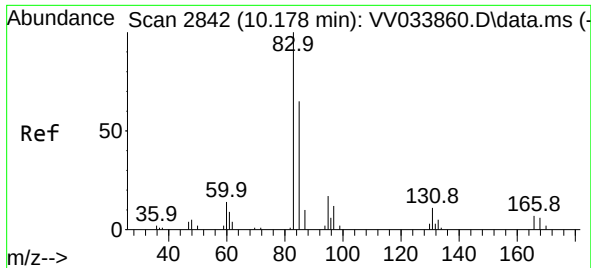
Tgt Ion:106 Resp: 62442
Ion Ratio Lower Upper
106 100
91 226.3 156.2 290.0



#55
Styrene
Concen: 5.390 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

Tgt Ion:104 Resp: 103418
Ion Ratio Lower Upper
104 100
78 47.4 32.9 61.1

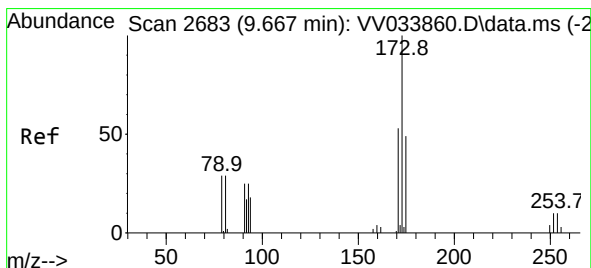
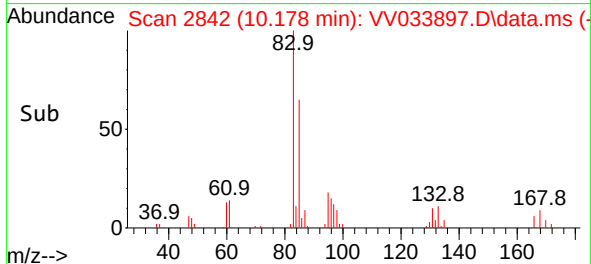
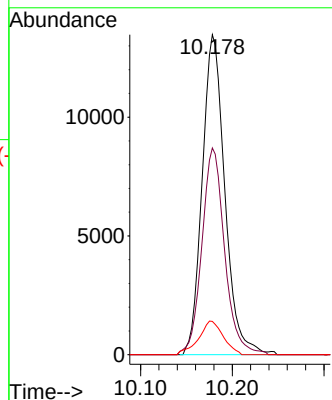
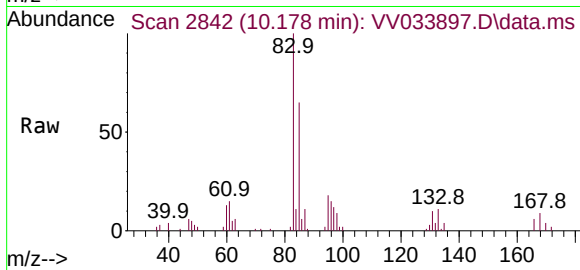




#57
1,1,2,2-Tetrachloroethane
Concen: 5.474 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

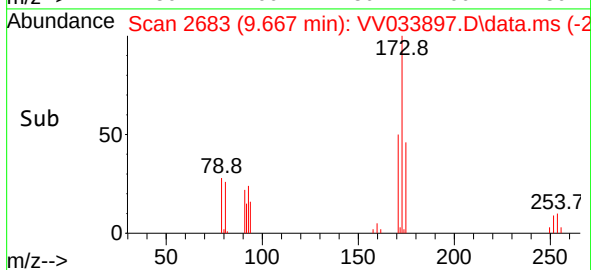
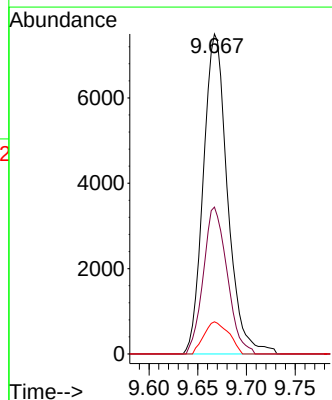
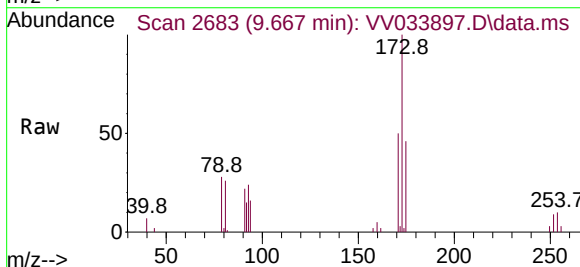
Instrument :
MSVOA_V
ClientSampleId :

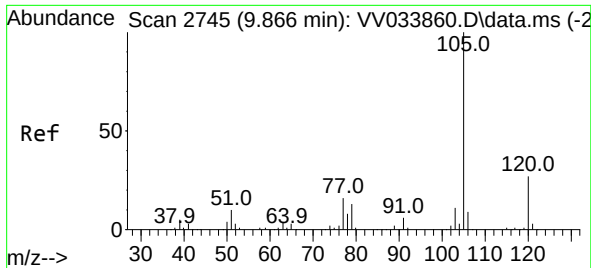
Tgt Ion: 83 Resp: 23101
Ion Ratio Lower Upper
83 100
85 64.6 46.5 86.3
131 10.4 8.4 12.6



#59
Bromoform
Concen: 5.163 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

Tgt Ion: 173 Resp: 12951
Ion Ratio Lower Upper
173 100
175 45.2 38.6 57.8
254 10.3 7.2 10.8

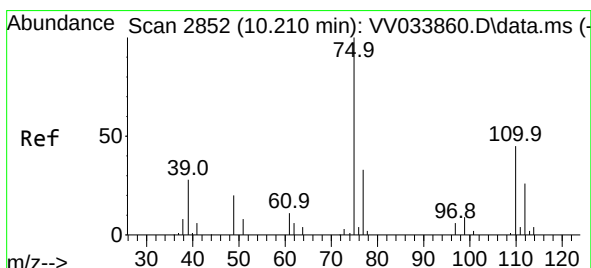
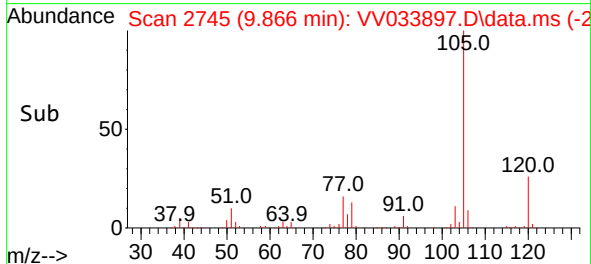
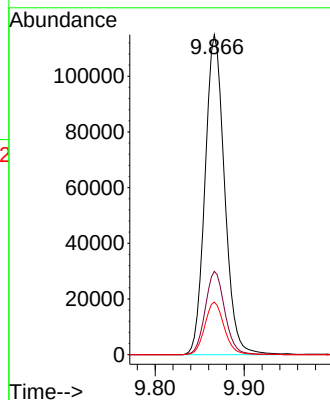
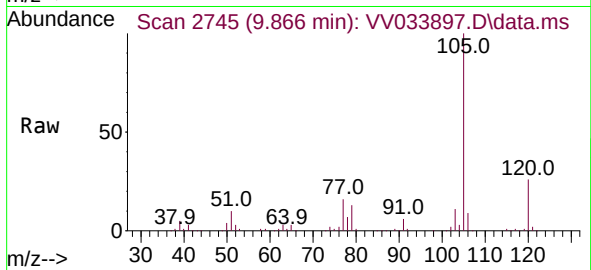




#60
Isopropylbenzene
Concen: 5.196 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

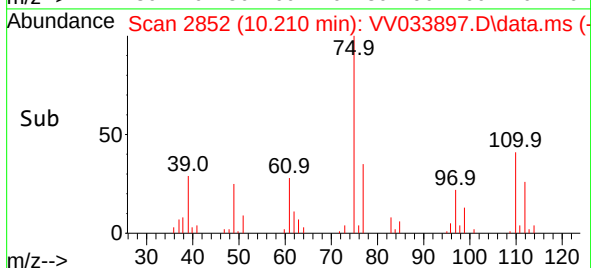
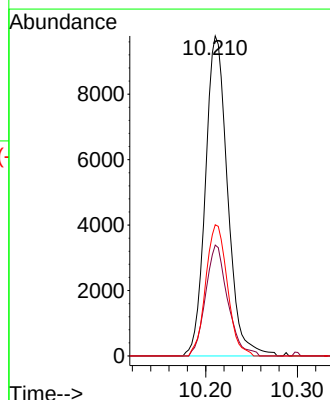
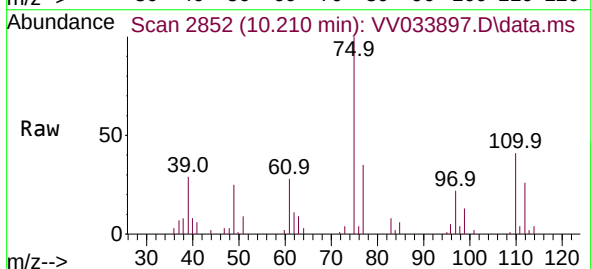
Instrument :
MSVOA_V
ClientSampleId :

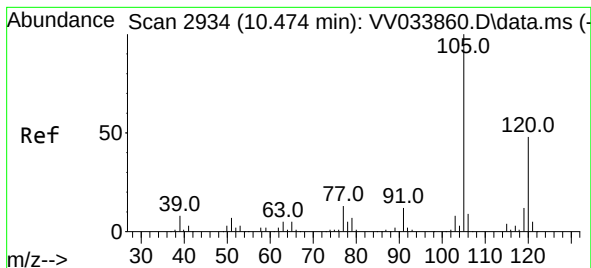
Tgt Ion:105 Resp: 175046
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.247 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

Tgt Ion: 75 Resp: 16425
Ion Ratio Lower Upper
75 100
77 34.5 26.9 40.3
110 40.0 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 5.203 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV033897.D

Acq: 29 Jan 2024 10:22

Instrument :

MSVOA_V

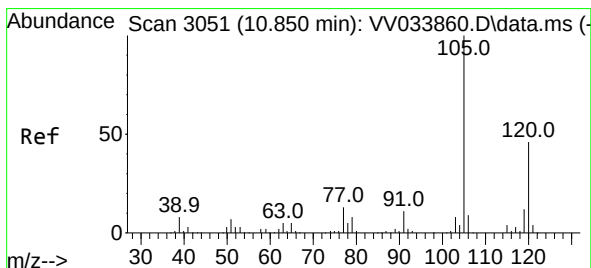
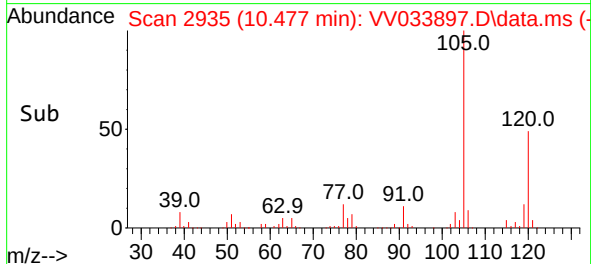
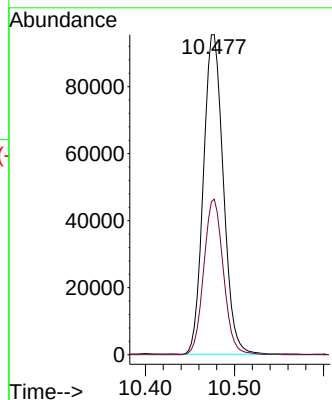
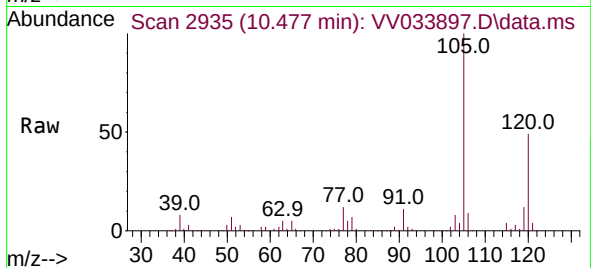
ClientSampleId :

Tgt Ion:105 Resp: 148190

Ion Ratio Lower Upper

105 100

120 47.8 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.285 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV033897.D

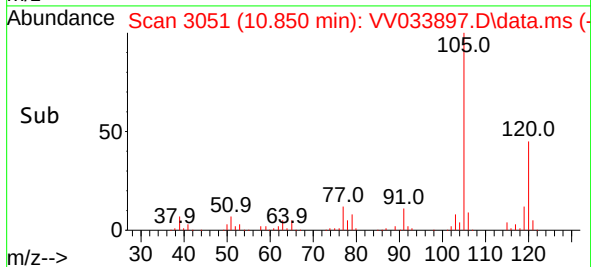
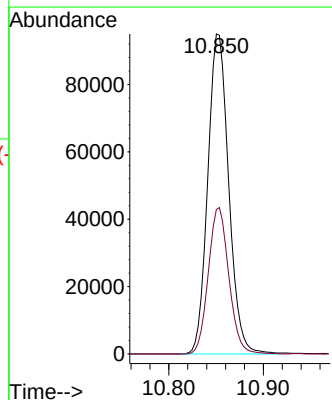
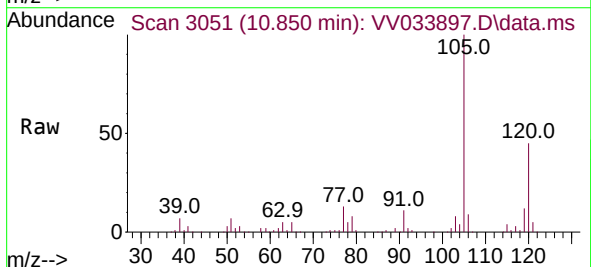
Acq: 29 Jan 2024 10:22

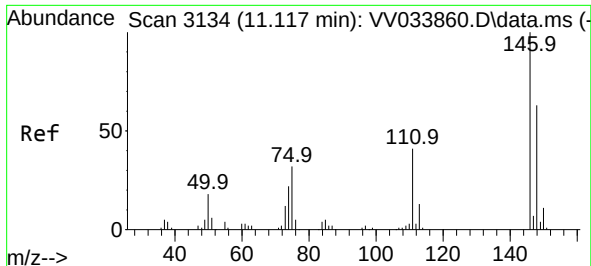
Tgt Ion:105 Resp: 146260

Ion Ratio Lower Upper

105 100

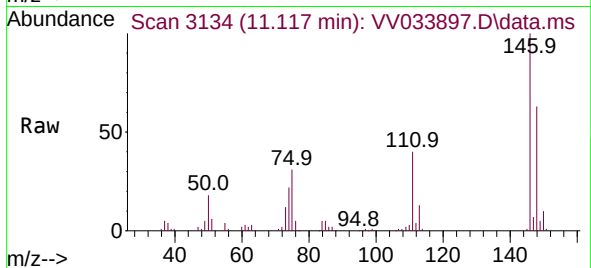
120 44.9 36.2 54.2



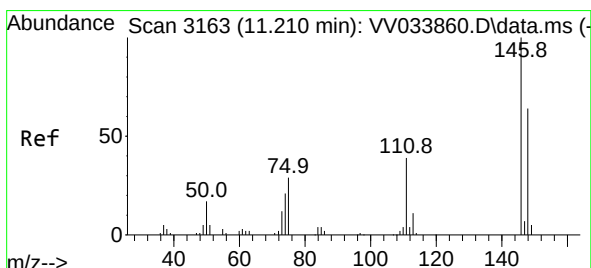
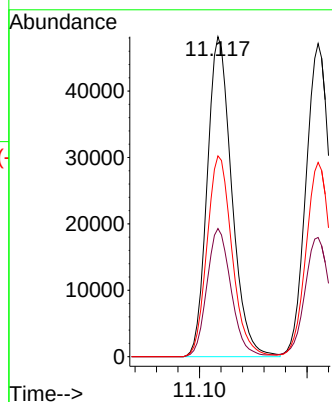
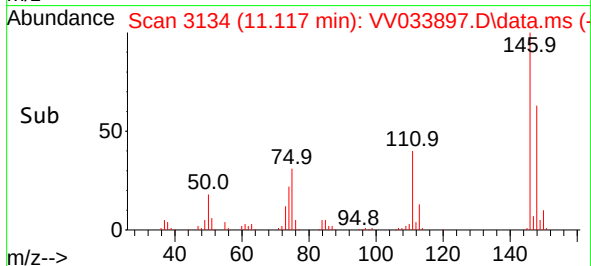


#64
1,3-Dichlorobenzene
Concen: 5.198 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

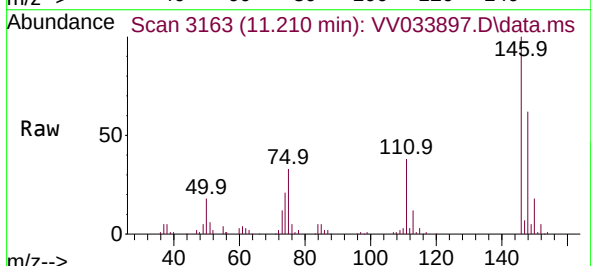
Instrument :
MSVOA_V
ClientSampleId :



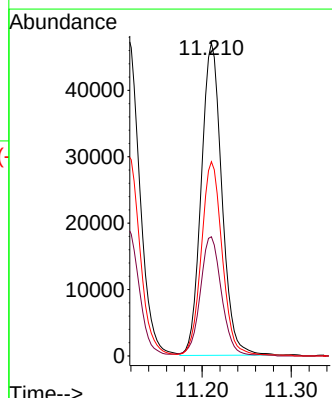
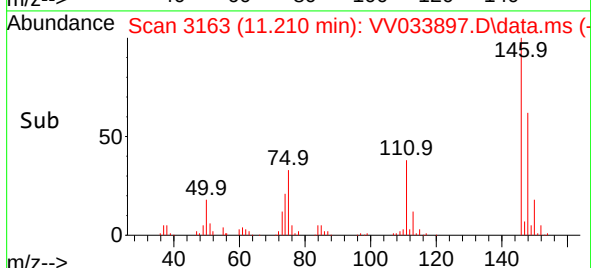
Tgt Ion:146 Resp: 76369
Ion Ratio Lower Upper
146 100
111 40.1 28.5 52.9
148 62.8 44.4 82.4

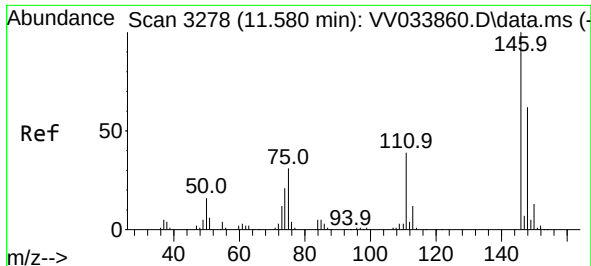


#65
1,4-Dichlorobenzene
Concen: 5.206 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22



Tgt Ion:146 Resp: 75736
Ion Ratio Lower Upper
146 100
111 38.1 27.6 51.4
148 62.1 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.329 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033897.D

Acq: 29 Jan 2024 10:22

Instrument :

MSVOA_V

ClientSampleId :

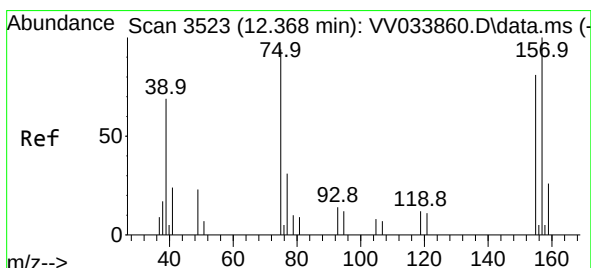
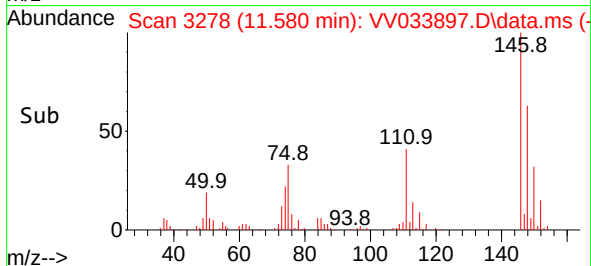
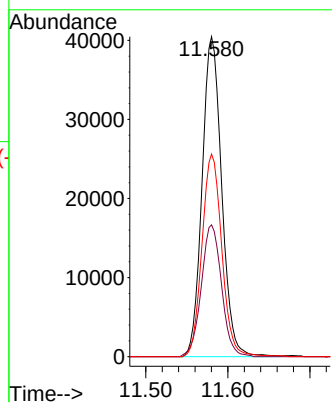
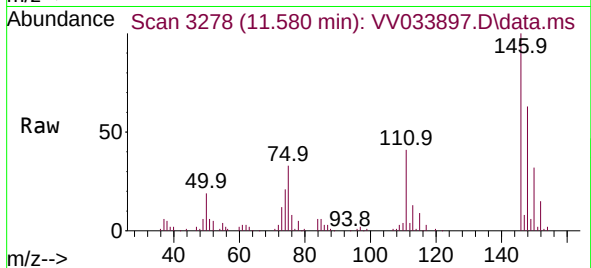
Tgt Ion:146 Resp: 67237

Ion Ratio Lower Upper

146 100

111 41.2 31.2 46.8

148 63.3 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.355 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.000 min

Lab File: VV033897.D

Acq: 29 Jan 2024 10:22

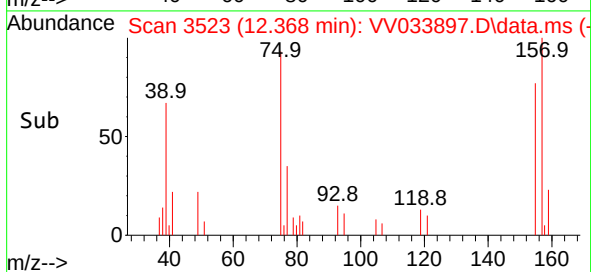
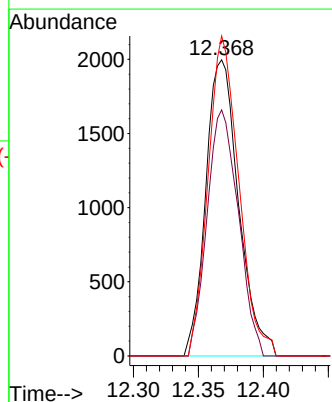
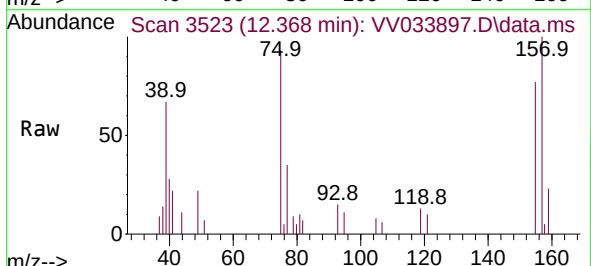
Tgt Ion: 75 Resp: 3513

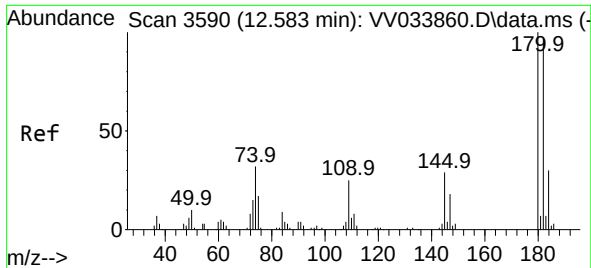
Ion Ratio Lower Upper

75 100

155 83.1 68.9 103.3

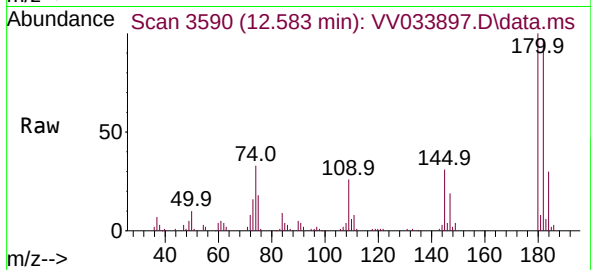
157 108.1 84.6 127.0



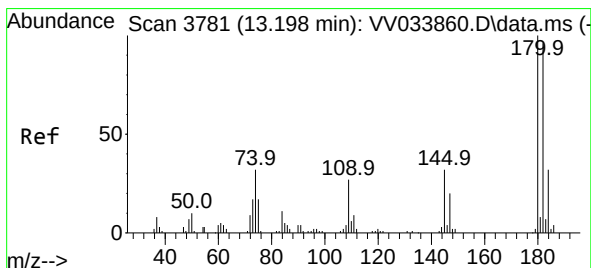
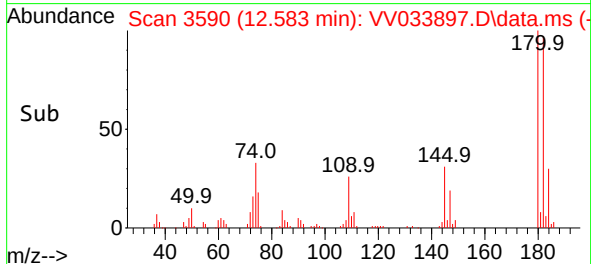
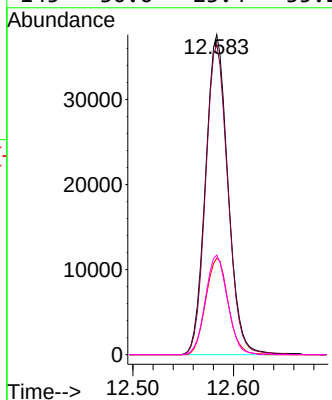


#69
1,3,5-Trichlorobenzene
Concen: 5.140 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. -0.000 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

Instrument :
MSVOA_V
ClientSampleId :

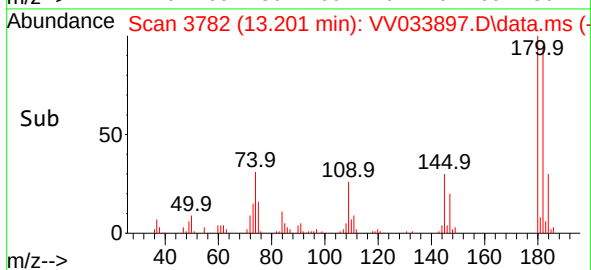
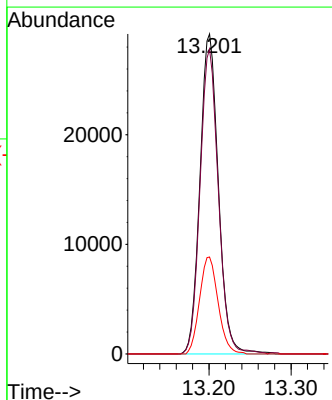
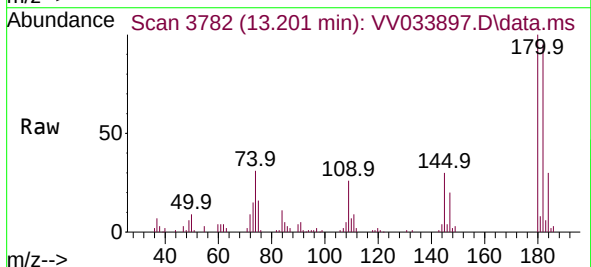


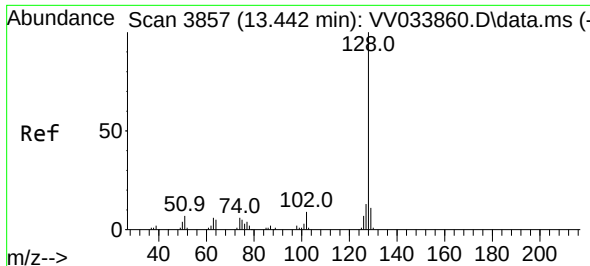
Tgt Ion:180 Resp: 58437
Ion Ratio Lower Upper
180 100
182 96.4 77.0 115.4
184 30.1 23.8 35.6
145 30.6 23.4 35.2



#70
1,2,4-trichlorobenzene
Concen: 5.134 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.003 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

Tgt Ion:180 Resp: 45560
Ion Ratio Lower Upper
180 100
182 94.6 76.8 115.2
145 30.4 24.8 37.2

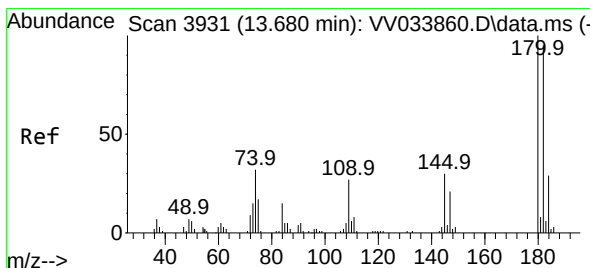
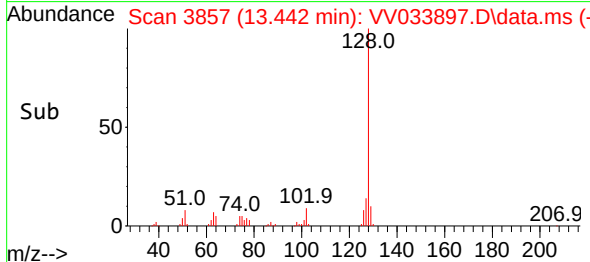
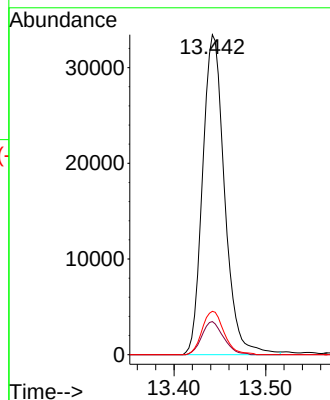
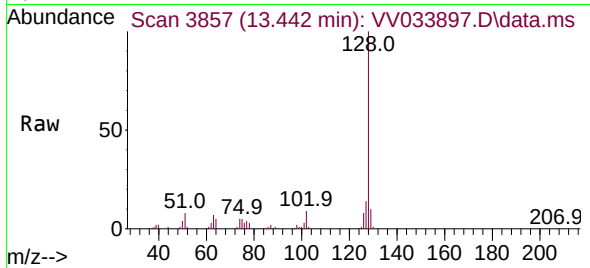




#71
Naphthalene
Concen: 4.794 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. -0.000 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	128	Resp:	55752
Ion Ratio	Lower	Upper	
128	100		
129	10.2	8.5	12.7
127	13.5	10.4	15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.167 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV033897.D
Acq: 29 Jan 2024 10:22

Tgt Ion:	180	Resp:	36745
Ion Ratio	Lower	Upper	
180	100		
182	96.9	75.0	112.6
145	32.5	25.2	37.8

