

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012924\
 Data File : VW033900.D
 Acq On : 29 Jan 2024 12:37
 Operator : SY/MD
 Sample : MDL04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 30 03:56:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 03:43:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	102124	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	93213	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	46672	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	34677	4.384	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.532	69	32969	4.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.060	65	17039	4.467	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	3.828	46	48916	36.825	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.660%
24) Chloroform-d	4.249	84	67448	4.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	4.944	65	32803	4.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	4.960	84	133547	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	5.989	67	39333	5.031	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.243	98	122303	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	7.558	79	13082	4.432	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.027	63	48051	45.600	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.200%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	22403	4.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	42067	4.956	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	2446	0.261	ug/L	97
3) Chloromethane	1.217	50	3189	0.312	ug/L	97
5) Vinyl chloride	1.282	62	2702	0.277	ug/L #	1
6) Bromomethane	1.491	94	1360	0.265	ug/L	91
8) Chloroethane	1.552	64	3055	0.459	ug/L #	68
9) Trichlorofluoromethane	1.716	101	3578	0.255	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	2227	0.303	ug/L	89
12) 1,1-Dichloroethene	2.066	96	2203	0.309	ug/L #	1
13) Acetone	2.153	43	1413	1.402	ug/L #	64
14) Carbon disulfide	2.240	76	5781	0.250	ug/L	98
15) Methyl Acetate	2.394	43	241	0.101	ug/L #	53
16) Methylene chloride	2.452	84	1820	0.266	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	3420	0.233	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	1774	0.244	ug/L	95
19) 1,1-Dichloroethane	3.117	63	3526	0.264	ug/L	94
21) 2-Butanone	3.896	43	347	0.261	ug/L	93
22) cis-1,2-Dichloroethene	3.818	96	1963	0.238	ug/L	94
23) Bromochloromethane	4.150	128	264	0.092	ug/L	93
25) Chloroform	4.278	83	4281	0.317	ug/L	97

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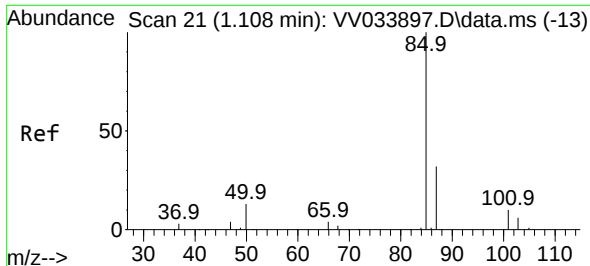
Quant Time: Jan 30 03:56:10 2024
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.063	62	2060	0.267	ug/L #	76
29) 1,1,1-Trichloroethane	4.513	97	3107	0.248	ug/L	99
30) Cyclohexane	4.580	56	3088	0.254	ug/L	99
31) Carbon tetrachloride	4.738	117	2596	0.237	ug/L	91
33) Benzene	5.018	78	6888	0.246	ug/L	100
34) Trichloroethene	5.841	95	1964	0.243	ug/L	93
35) Methylcyclohexane	6.053	83	3150	0.248	ug/L	98
37) 1,2-Dichloropropane	6.101	63	1746	0.258	ug/L #	87
38) Bromodichloromethane	6.442	83	2363	0.266	ug/L #	81
39) cis-1,3-Dichloropropene	6.969	75	2476	0.240	ug/L	100
40) 4-Methyl-2-pentanone	7.172	43	6437	1.985	ug/L #	89
42) Toluene	7.323	91	7459	0.250	ug/L	94
44) trans-1,3-Dichloropropene	7.593	75	1919	0.243	ug/L #	80
45) 1,1,2-Trichloroethane	7.780	97	888	0.212	ug/L	92
47) Tetrachloroethene	7.911	164	1641	0.250	ug/L	95
48) 2-Hexanone	8.088	43	12041	5.267	ug/L #	92
49) Dibromochloromethane	8.178	129	1074	0.216	ug/L	99
50) 1,2-Dibromoethane	8.288	107	887	0.236	ug/L #	95
51) Chlorobenzene	8.818	112	4829	0.256	ug/L	91
52) Ethylbenzene	8.953	91	8682	0.252	ug/L	99
53) m,p-Xylene	9.082	106	3294	0.253	ug/L	86
54) o-Xylene	9.481	106	3082	0.246	ug/L	96
55) Styrene	9.506	104	4736	0.236	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.185	83	1217	0.276	ug/L #	90
59) Bromoform	9.677	173	541	0.210	ug/L #	80
60) Isopropylbenzene	9.870	105	8788	0.254	ug/L	96
61) 1,2,3-Trichloropropane	10.214	75	850	0.265	ug/L #	84
62) 1,3,5-Trimethylbenzene	10.477	105	7250	0.248	ug/L	96
63) 1,2,4-Trimethylbenzene	10.857	105	7048	0.248	ug/L	96
64) 1,3-Dichlorobenzene	11.124	146	3859	0.256	ug/L	94
65) 1,4-Dichlorobenzene	11.210	146	3869	0.259	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	3554	0.275	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.587	75	468	0.696	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.590	180	2789	0.239	ug/L	96
70) 1,2,4-trichlorobenzene	13.201	180	2272	0.250	ug/L #	93
71) Naphthalene	13.451	128	2976	0.250	ug/L #	90
72) 1,2,3-Trichlorobenzene	13.686	180	1762	0.242	ug/L	96

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

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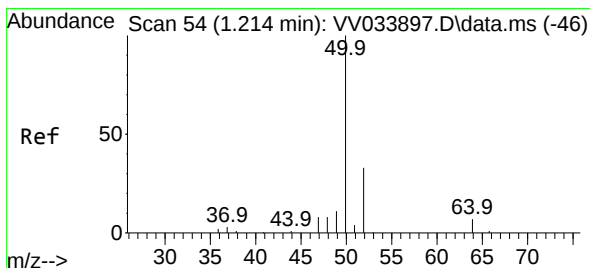
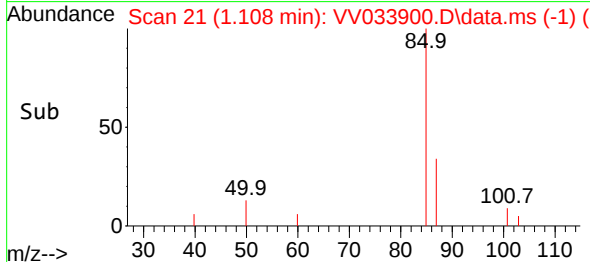
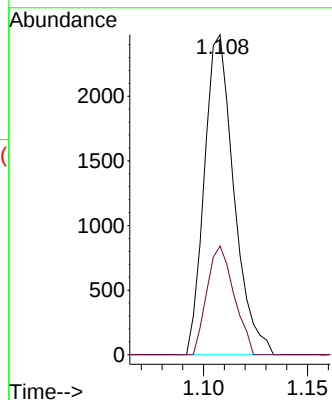
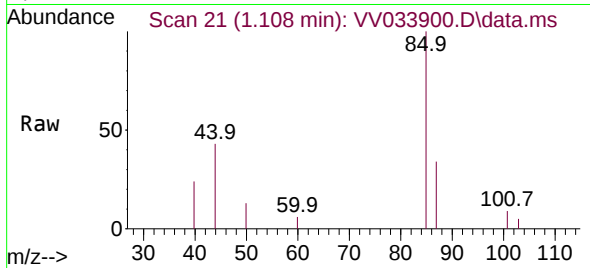




#2
 Dichlorodifluoromethane
 Concen: 0.261 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV033900.D
 Acq: 29 Jan 2024 12:37

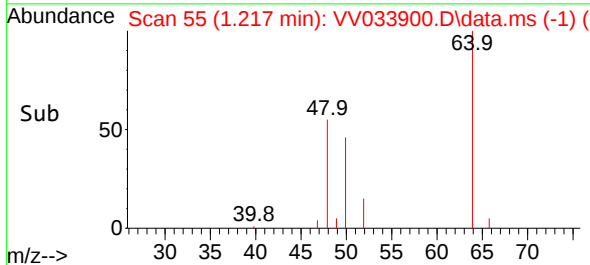
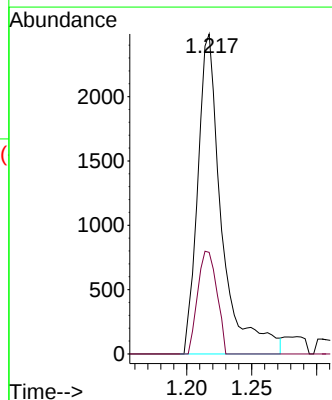
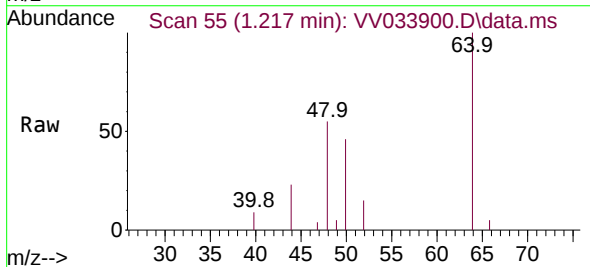
Instrument :
 MSVOA_V
 ClientSampleId :

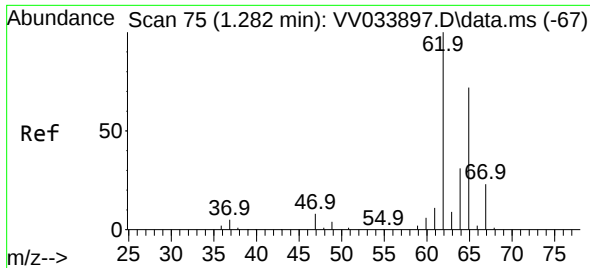
Tgt Ion: 85 Resp: 2446
 Ion Ratio Lower Upper
 85 100
 87 31.1 26.2 39.4



#3
 Chloromethane
 Concen: 0.312 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV033900.D
 Acq: 29 Jan 2024 12:37

Tgt Ion: 50 Resp: 3189
 Ion Ratio Lower Upper
 50 100
 52 31.7 23.4 43.4

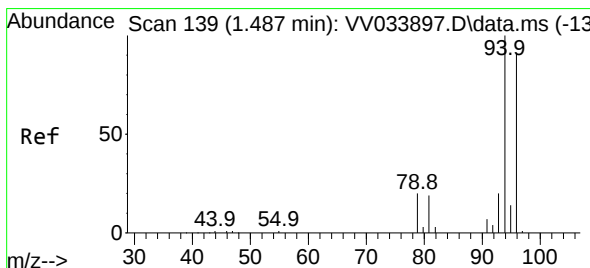
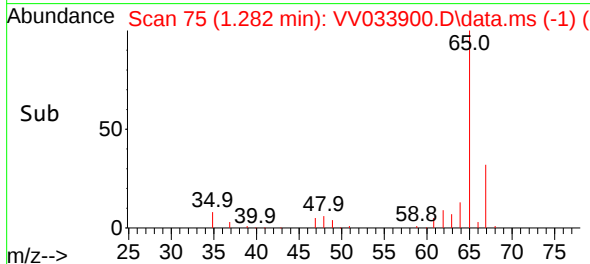
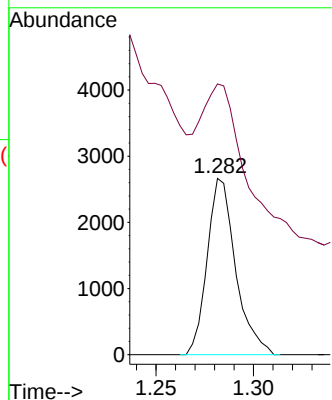
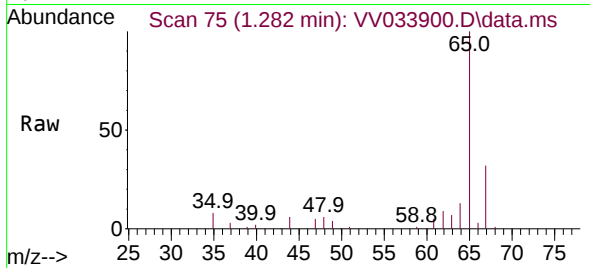




#5
 Vinyl chloride
 Concen: 0.277 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV033900.D
 Acq: 29 Jan 2024 12:37

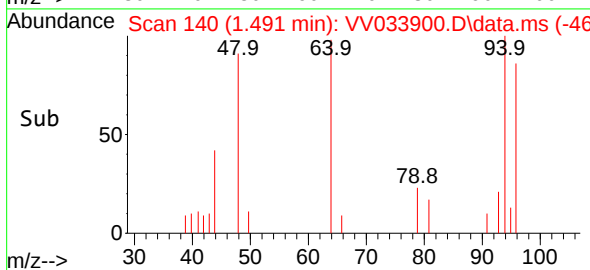
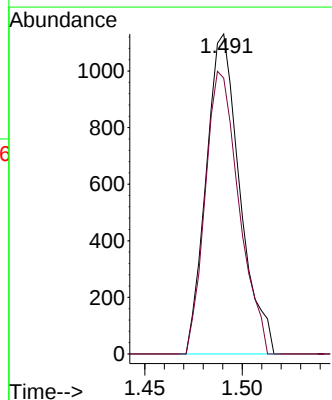
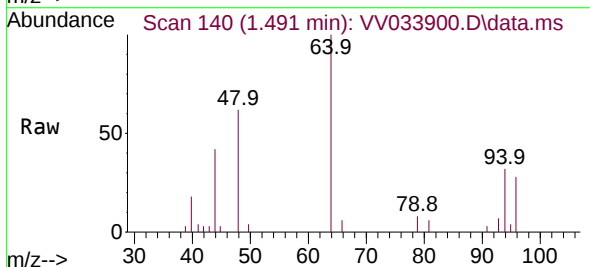
Instrument :
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 ClientSampleId :

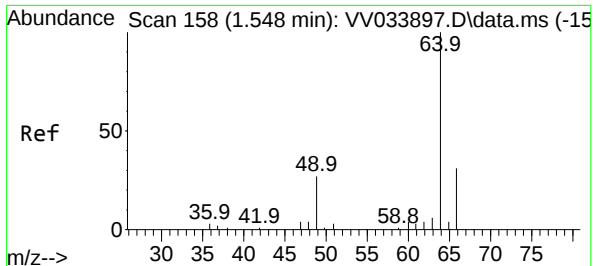
Tgt Ion: 62 Resp: 2702
 Ion Ratio Lower Upper
 62 100
 64 153.5 27.2 50.4#



#6
 Bromomethane
 Concen: 0.265 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.003 min
 Lab File: VV033900.D
 Acq: 29 Jan 2024 12:37

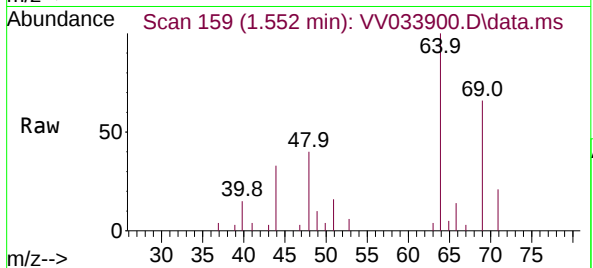
Tgt Ion: 94 Resp: 1360
 Ion Ratio Lower Upper
 94 100
 96 86.2 66.6 123.8



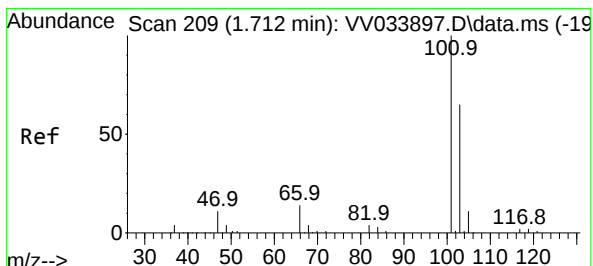
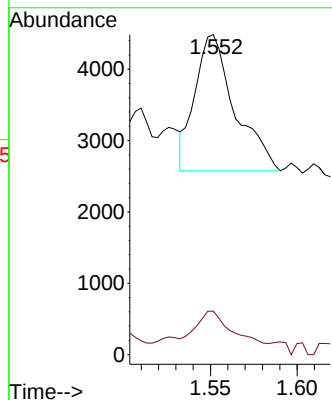
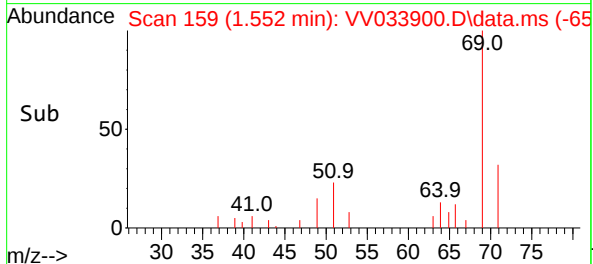


#8
Chloroethane
Concen: 0.459 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Instrument :
MSVOA_V
ClientSampleId :

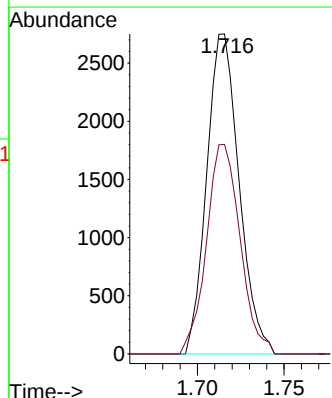
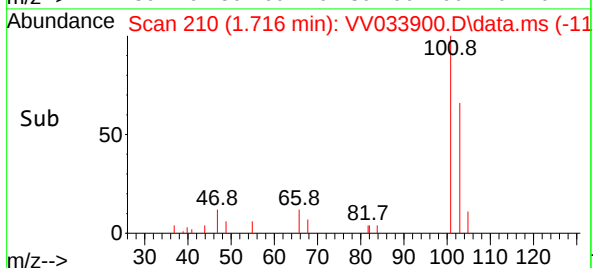
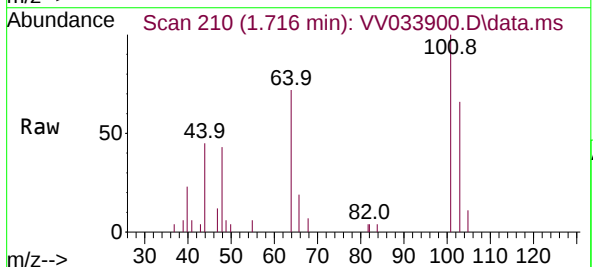


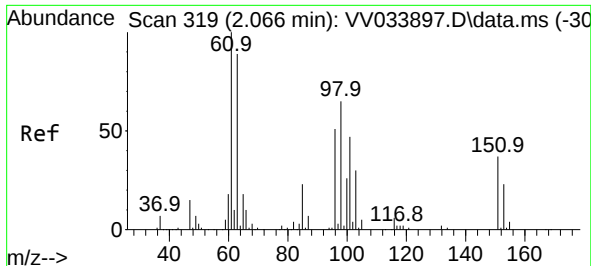
Tgt Ion: 64 Resp: 3055
Ion Ratio Lower Upper
64 100
66 13.6 22.0 41.0#



#9
Trichlorofluoromethane
Concen: 0.255 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Tgt Ion: 101 Resp: 3578
Ion Ratio Lower Upper
101 100
103 67.9 51.0 76.4





#10

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

Concen: 0.303 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV033900.D

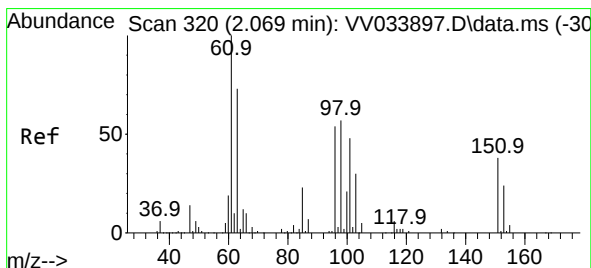
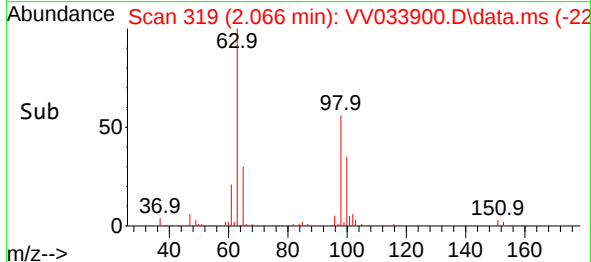
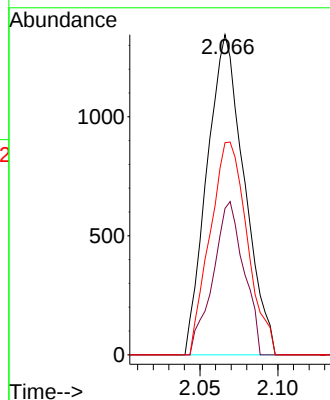
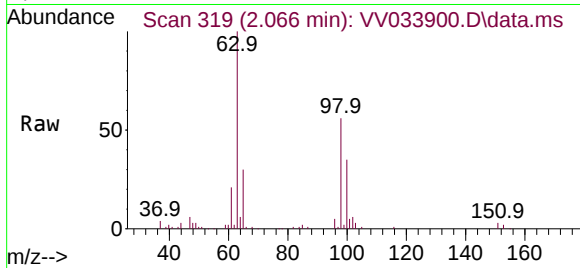
Acq: 29 Jan 2024 12:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	101	Resp:	2227
Ion	Ratio	Lower	Upper
101	100		
85	39.7	37.1	55.7
151	66.7	61.7	92.5



#12

1,1-Dichloroethene

Concen: 0.309 ug/L

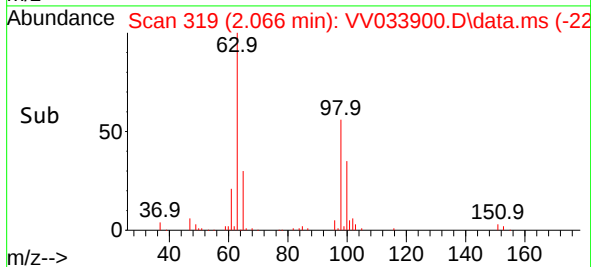
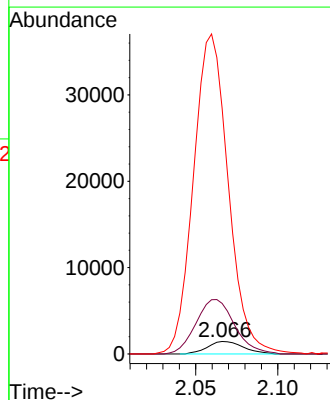
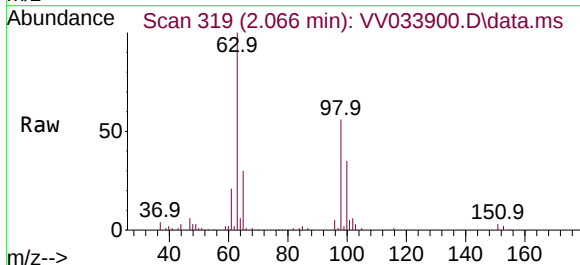
RT: 2.066 min Scan# 319

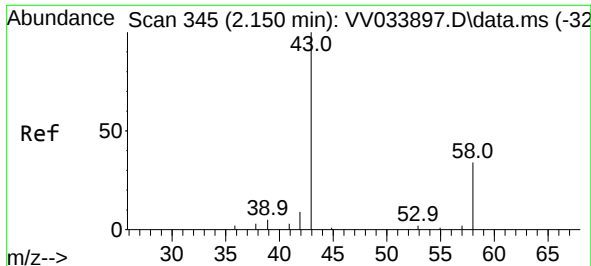
Delta R.T. -0.003 min

Lab File: VV033900.D

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Tgt Ion:	96	Resp:	2203
Ion	Ratio	Lower	Upper
96	100		
61	403.0	128.8	239.2#
63	1958.2	97.9	181.9#





#13

Acetone

Concen: 1.402 ug/L

RT: 2.153 min Scan# 345

Delta R.T. 0.003 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

Instrument :

MSVOA_V

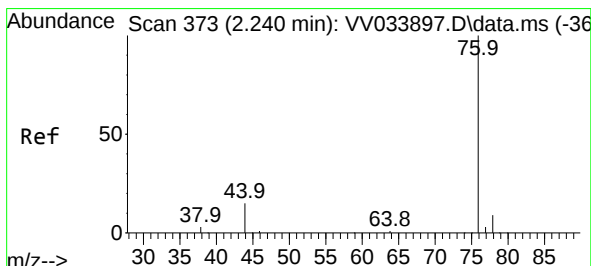
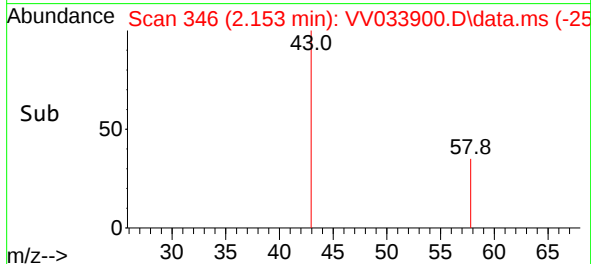
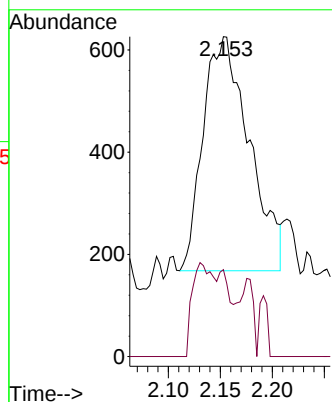
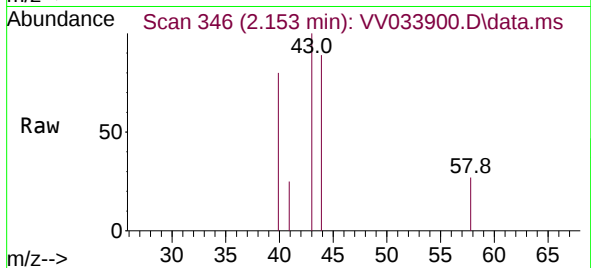
ClientSampleId :

Tgt Ion: 43 Resp: 1413

Ion Ratio Lower Upper

43 100

58 19.2 0.0 13.8#



#14

Carbon disulfide

Concen: 0.250 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV033900.D

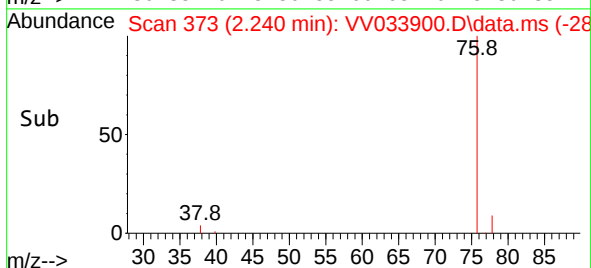
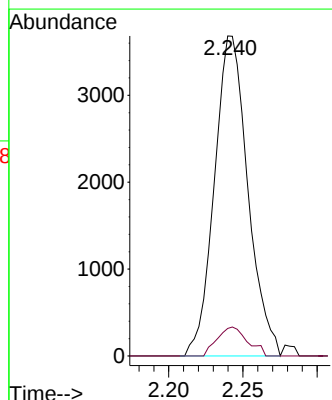
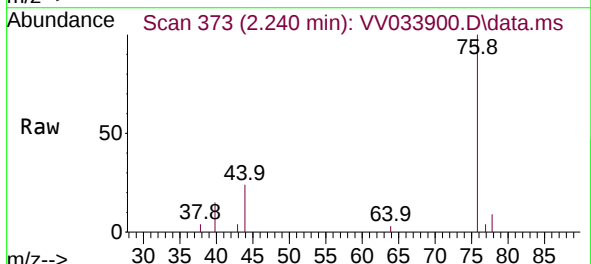
Acq: 29 Jan 2024 12:37

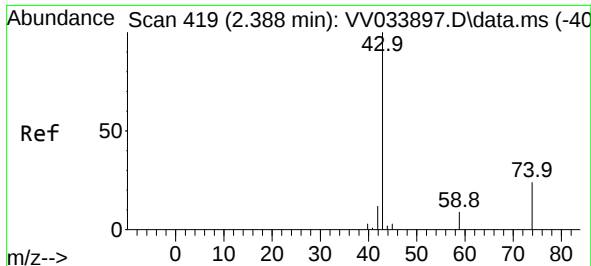
Tgt Ion: 76 Resp: 5781

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3

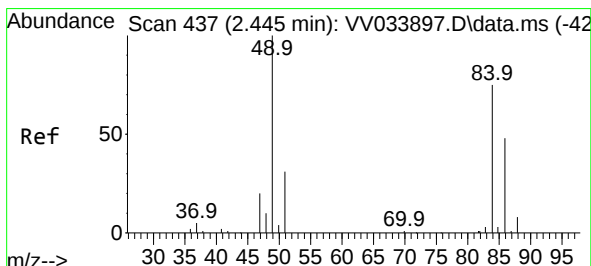
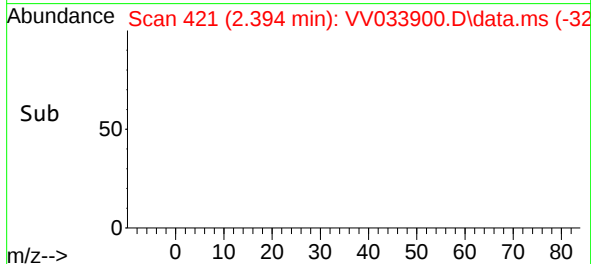
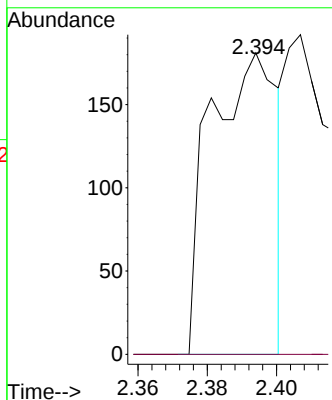
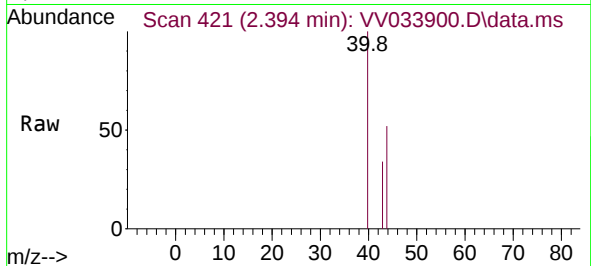




#15
Methyl Acetate
Concen: 0.101 ug/L
RT: 2.394 min Scan# 419
Delta R.T. 0.006 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

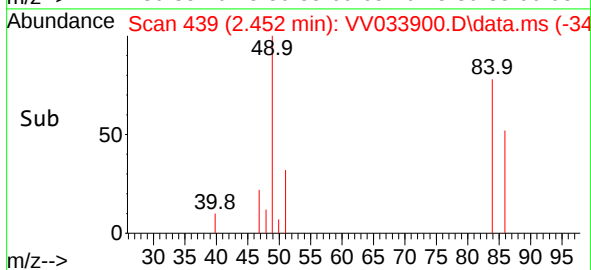
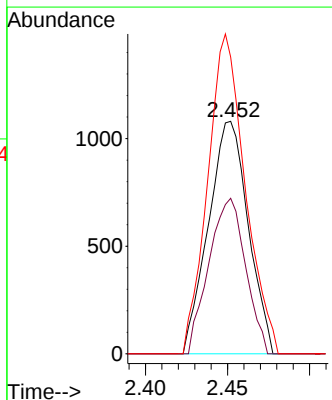
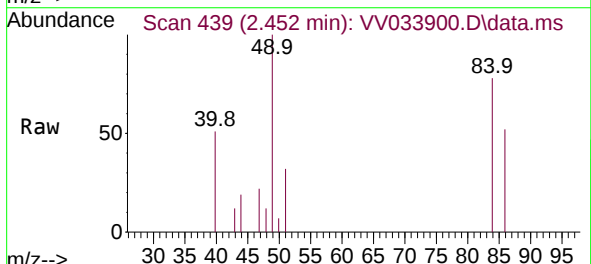
Instrument :
MSVOA_V
ClientSampleId :

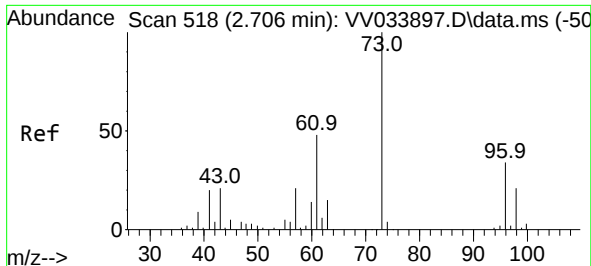
Tgt Ion: 43 Resp: 241
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#16
Methylene chloride
Concen: 0.266 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.006 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

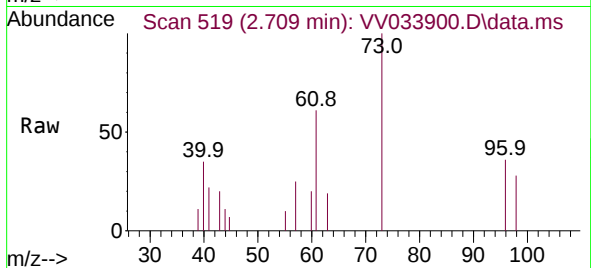
Tgt Ion: 84 Resp: 1820
Ion Ratio Lower Upper
84 100
86 66.9 44.7 83.1
49 127.6 93.7 173.9





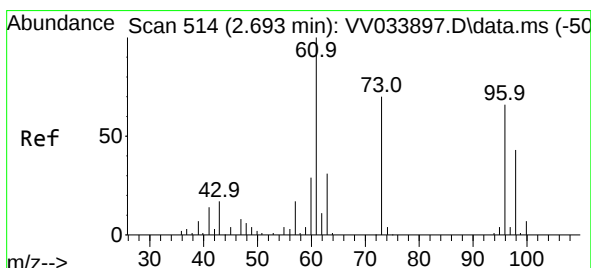
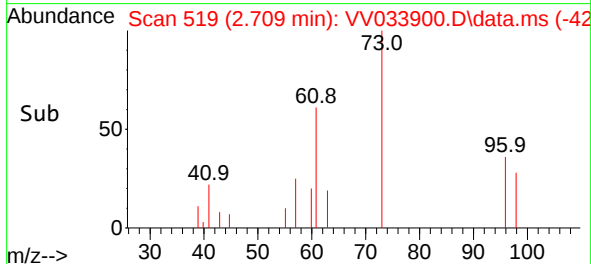
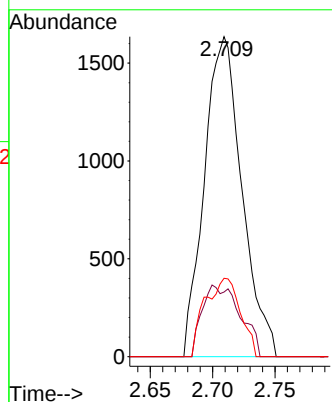
#17
Methyl tert-butyl Ether
Concen: 0.233 ug/L
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 73 Resp: 3420

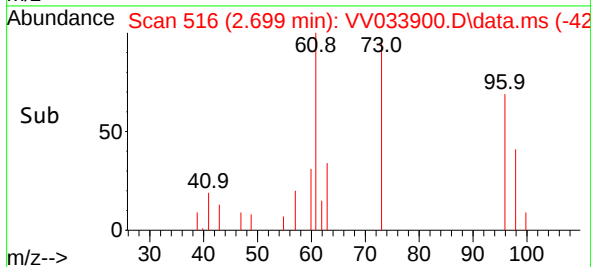
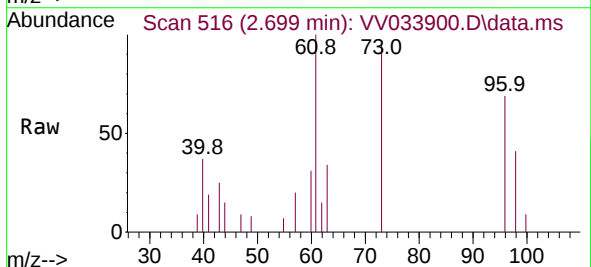
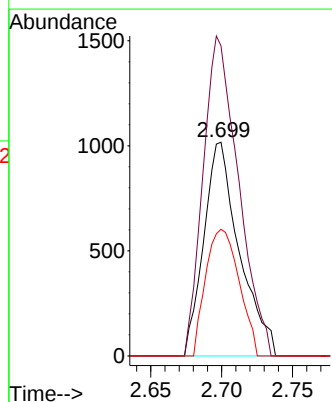
Ion	Ratio	Lower	Upper
73	100		
43	22.7	17.7	26.5
57	23.0	17.9	26.9

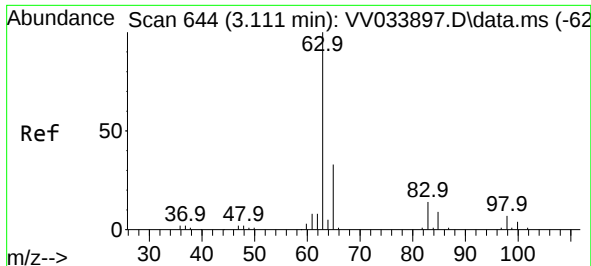


#18
trans-1,2-Dichloroethene
Concen: 0.244 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.006 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Tgt Ion: 96 Resp: 1774

Ion	Ratio	Lower	Upper
96	100		
61	145.1	97.6	181.4
98	59.3	44.4	82.5





#19

1,1-Dichloroethane

Concen: 0.264 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

Instrument :

MSVOA_V

ClientSampleId :

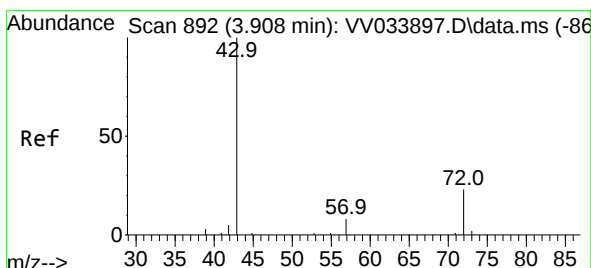
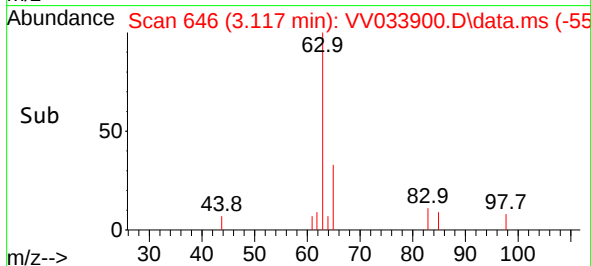
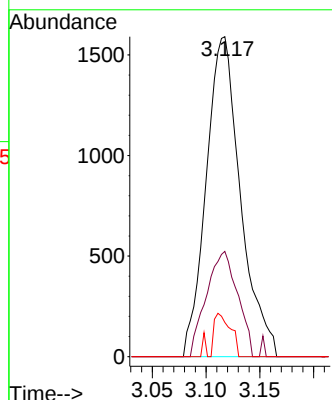
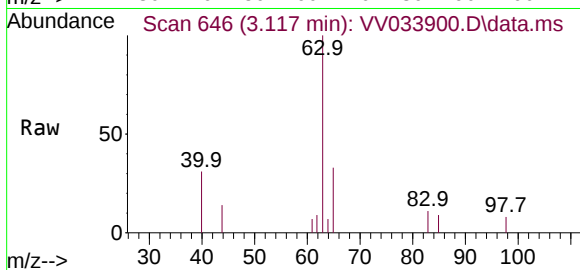
Tgt Ion: 63 Resp: 3526

Ion Ratio Lower Upper

63 100

65 32.9 20.8 38.6

83 10.7 9.4 17.4



#21

2-Butanone

Concen: 0.261 ug/L

RT: 3.896 min Scan# 888

Delta R.T. -0.013 min

Lab File: VV033900.D

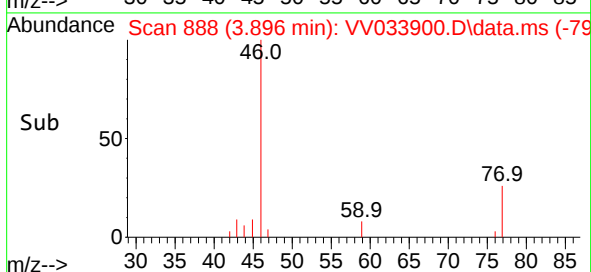
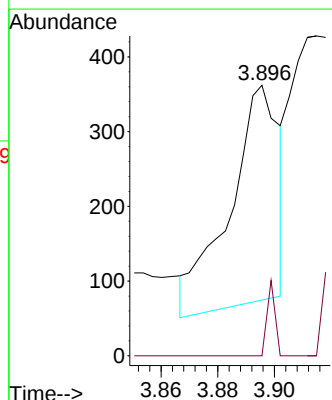
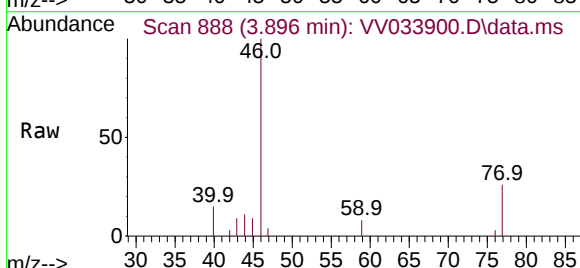
Acq: 29 Jan 2024 12:37

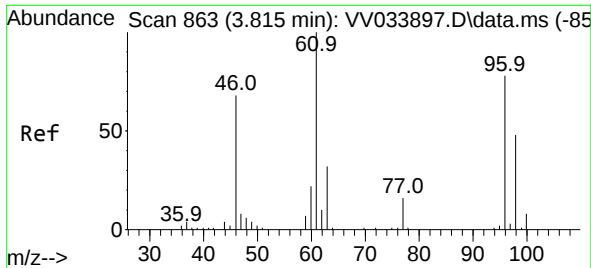
Tgt Ion: 43 Resp: 347

Ion Ratio Lower Upper

43 100

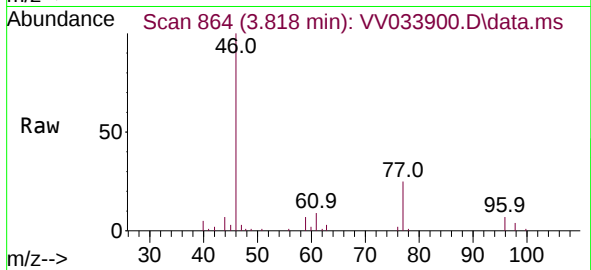
72 5.5 4.0 11.9





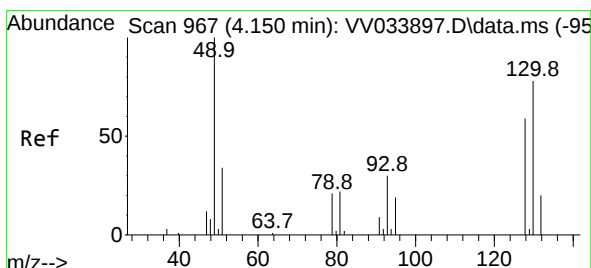
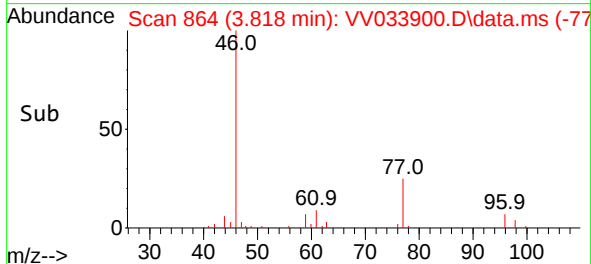
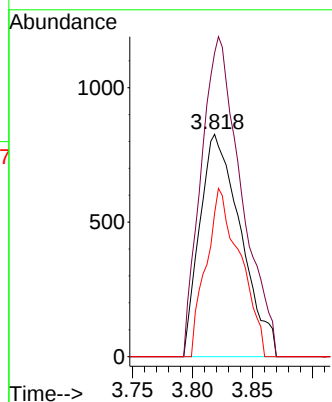
#22
 cis-1,2-Dichloroethene
 Concen: 0.238 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV033900.D
 Acq: 29 Jan 2024 12:37

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 1963

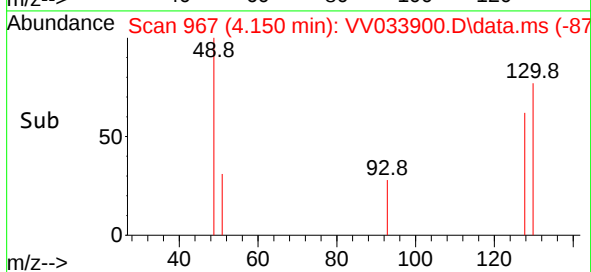
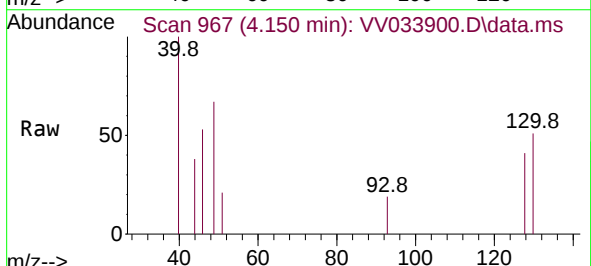
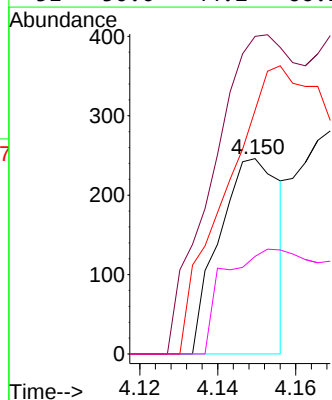
Ion	Ratio	Lower	Upper
96	100		
61	136.6	90.3	167.7
98	64.4	43.2	80.2

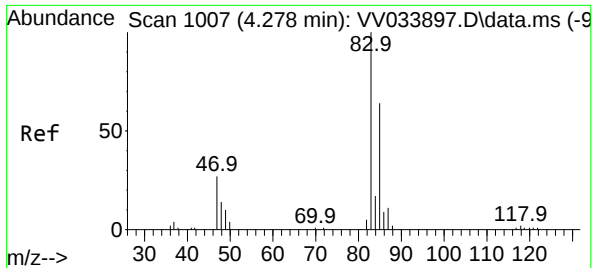


#23
 Bromochloromethane
 Concen: 0.092 ug/L
 RT: 4.150 min Scan# 967
 Delta R.T. 0.000 min
 Lab File: VV033900.D
 Acq: 29 Jan 2024 12:37

Tgt Ion: 128 Resp: 264

Ion	Ratio	Lower	Upper
128	100		
49	162.6	120.5	223.7
130	124.8	93.4	173.4
51	50.0	44.2	66.2

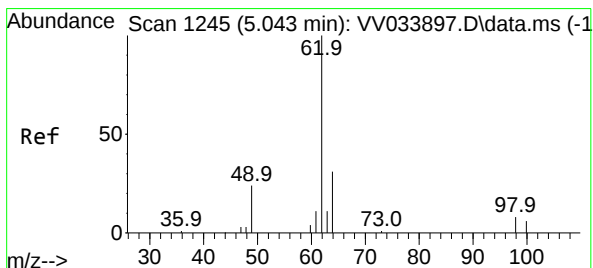
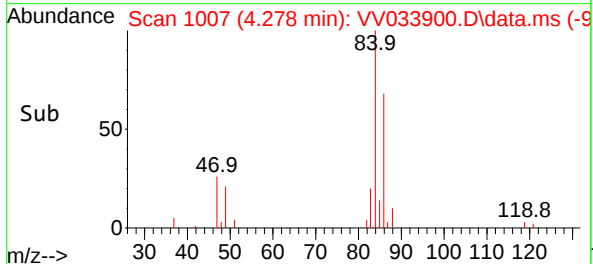
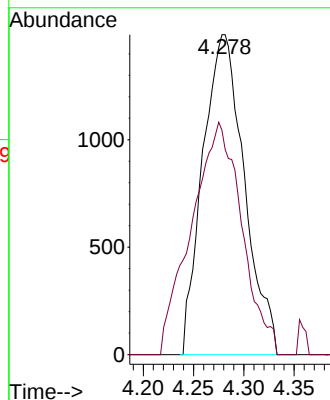
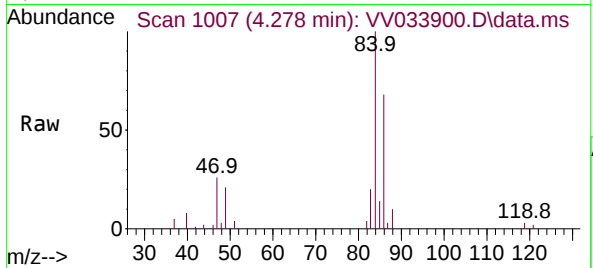




#25
Chloroform
Concen: 0.317 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

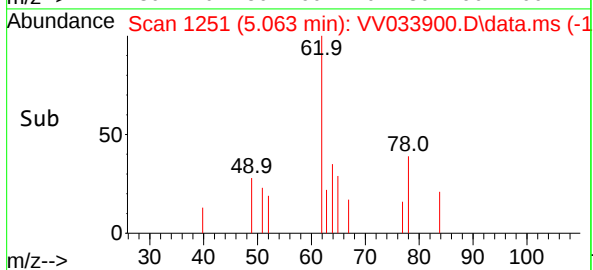
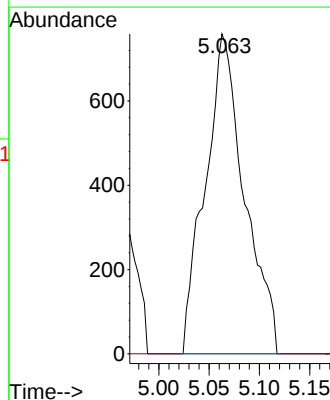
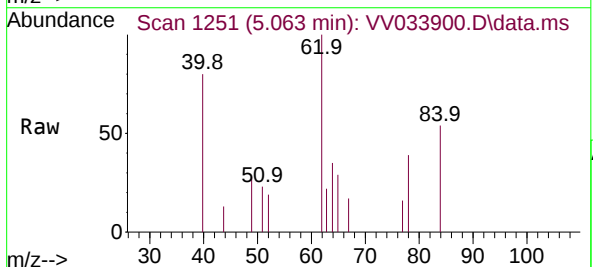
Instrument :
MSVOA_V
ClientSampleId :

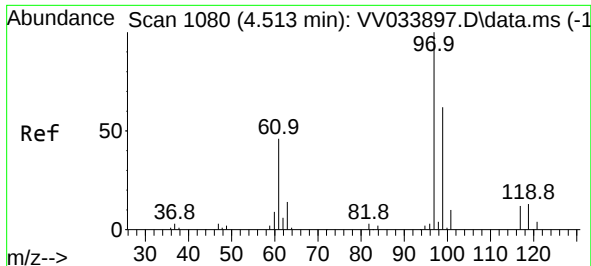
Tgt Ion: 83 Resp: 4281
Ion Ratio Lower Upper
83 100
85 70.1 47.5 88.1



#27
1,2-Dichloroethane
Concen: 0.267 ug/L
RT: 5.063 min Scan# 1251
Delta R.T. 0.019 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Tgt Ion: 62 Resp: 2060
Ion Ratio Lower Upper
62 100
98 0.0 6.9 10.3#





#29

1,1,1-Trichloroethane

Concen: 0.248 ug/L

RT: 4.513 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

Instrument :

MSVOA_V

ClientSampleId :

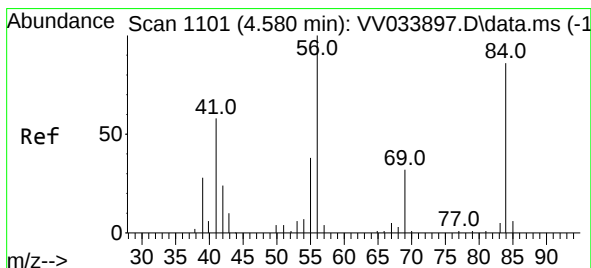
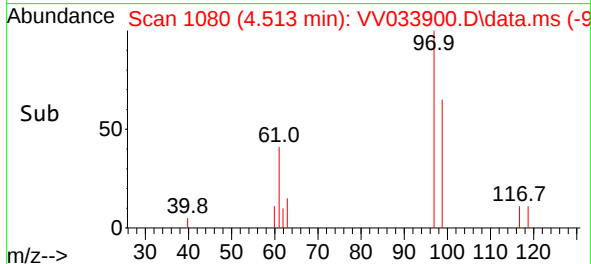
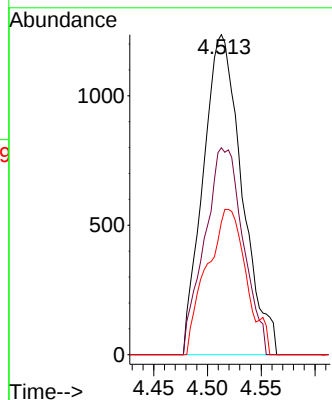
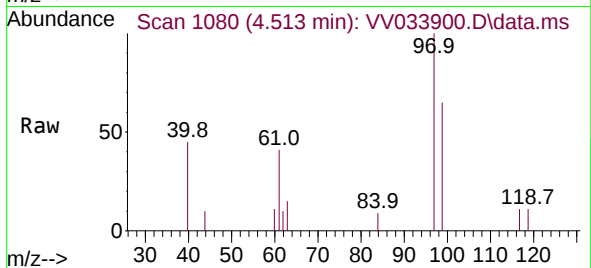
Tgt Ion: 97 Resp: 3107

Ion Ratio Lower Upper

97 100

99 64.2 50.6 75.8

61 46.3 36.8 55.2



#30

Cyclohexane

Concen: 0.254 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

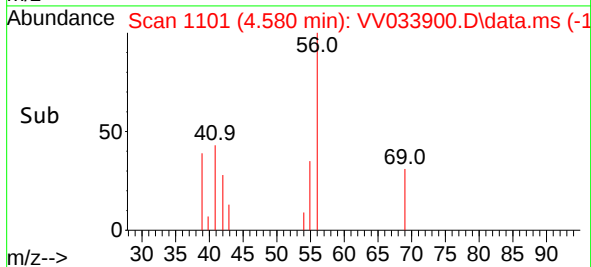
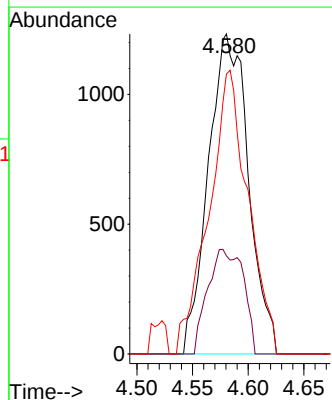
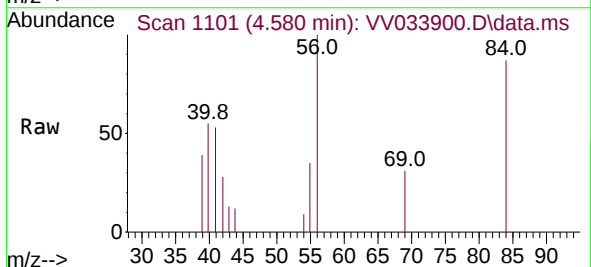
Tgt Ion: 56 Resp: 3088

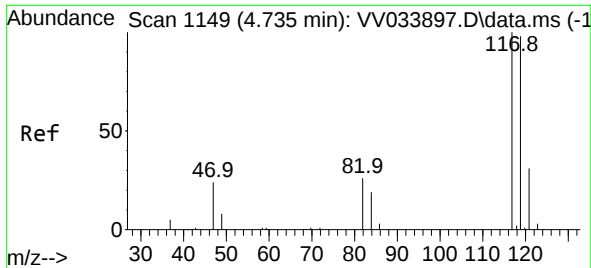
Ion Ratio Lower Upper

56 100

69 29.0 24.2 36.2

84 86.5 70.0 105.0

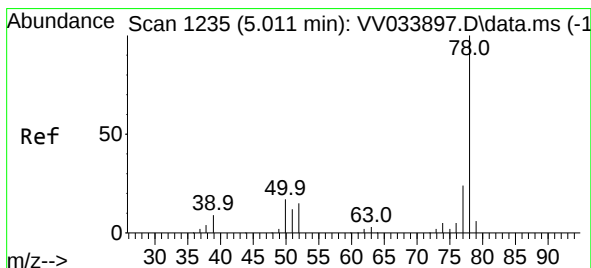
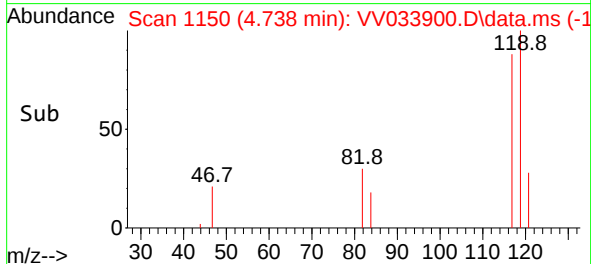
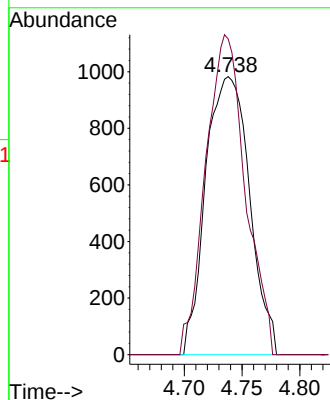
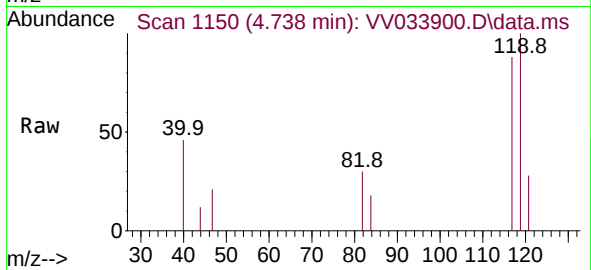




#31
Carbon tetrachloride
Concen: 0.237 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

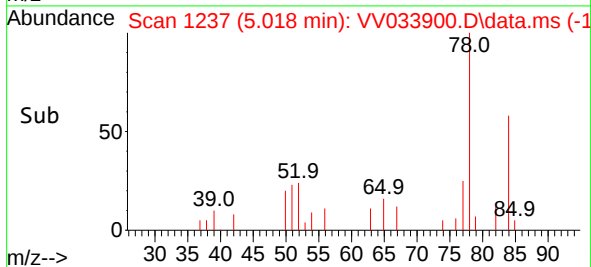
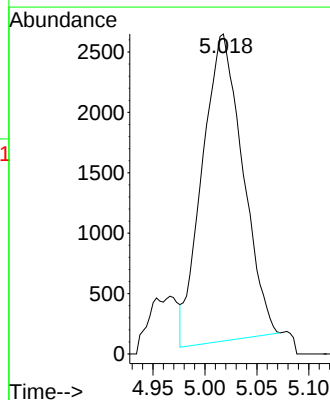
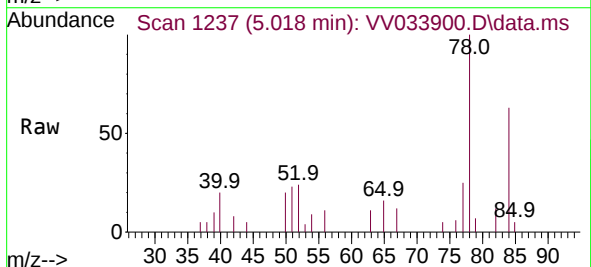
Instrument :
MSVOA_V
ClientSampleId :

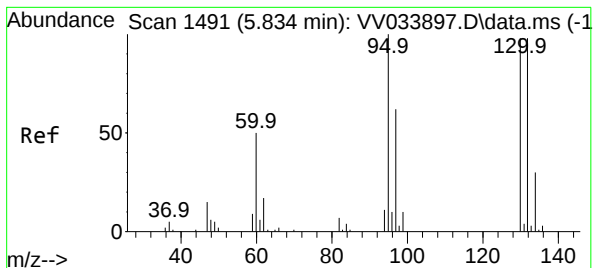
Tgt Ion:117 Resp: 2596
Ion Ratio Lower Upper
117 100
119 104.2 76.1 114.1



#33
Benzene
Concen: 0.246 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.006 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Tgt Ion: 78 Resp: 6888





#34

Trichloroethene

Concen: 0.243 ug/L

RT: 5.841 min Scan# 1491

Delta R.T. 0.006 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 1964

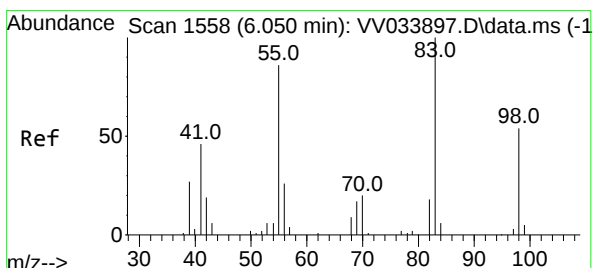
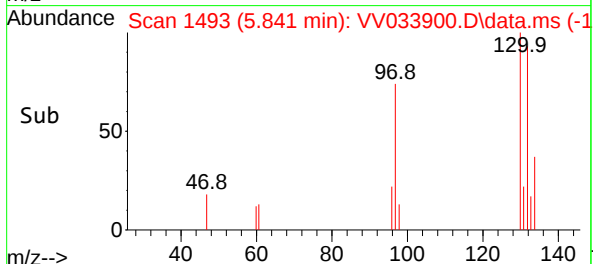
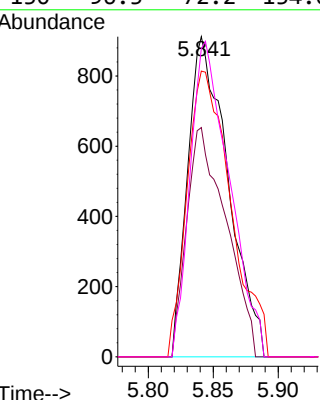
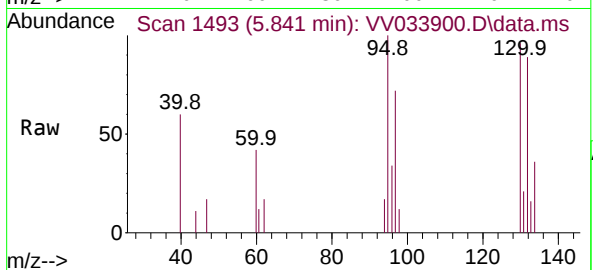
Ion Ratio Lower Upper

95 100

97 71.6 45.1 83.7

132 89.3 66.0 122.6

130 96.3 72.2 134.0



#35

Methylcyclohexane

Concen: 0.248 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.003 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

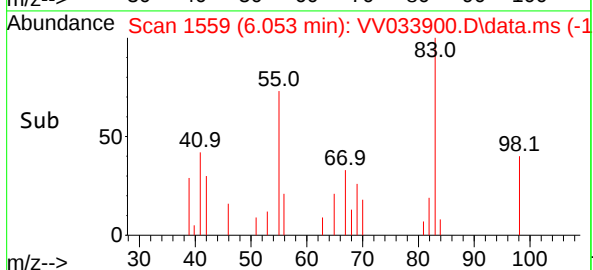
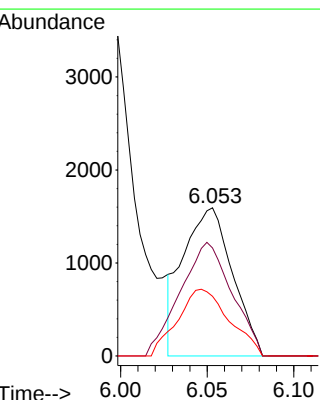
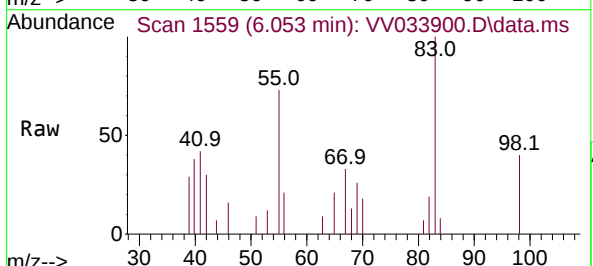
Tgt Ion: 83 Resp: 3150

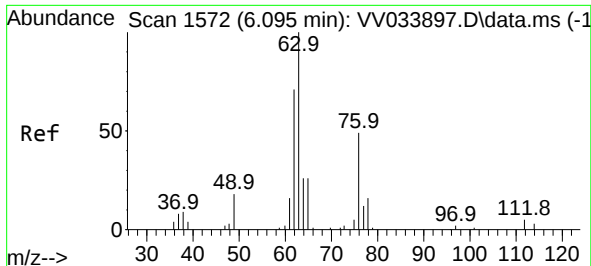
Ion Ratio Lower Upper

83 100

55 80.5 63.5 95.3

98 47.2 39.0 58.4





#37

1,2-Dichloropropane

Concen: 0.258 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

Instrument :

MSVOA_V

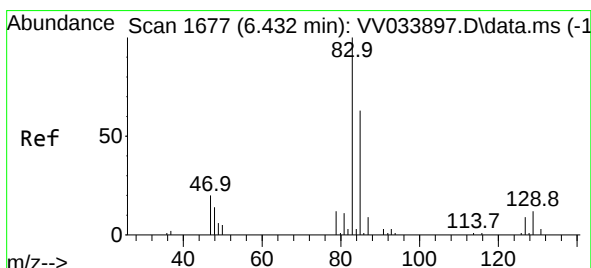
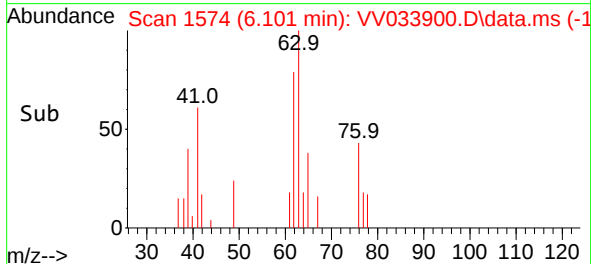
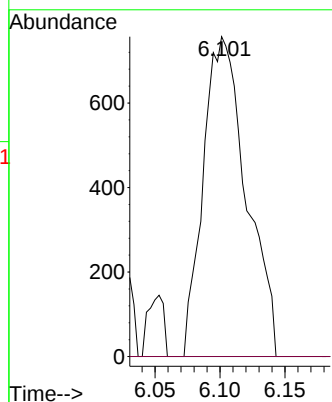
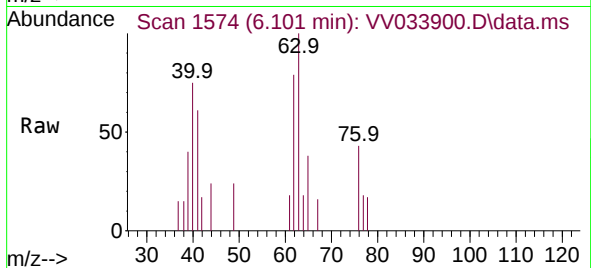
ClientSampleId :

Tgt Ion: 63 Resp: 1746

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#38

Bromodichloromethane

Concen: 0.266 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.010 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

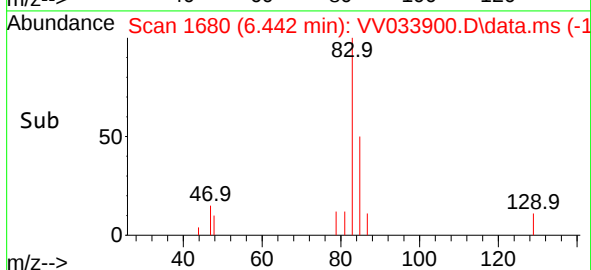
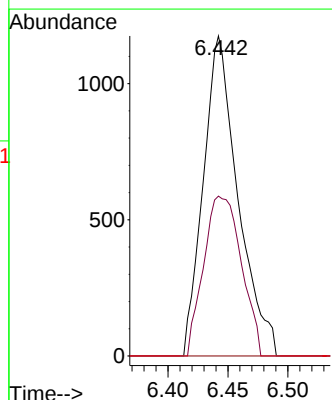
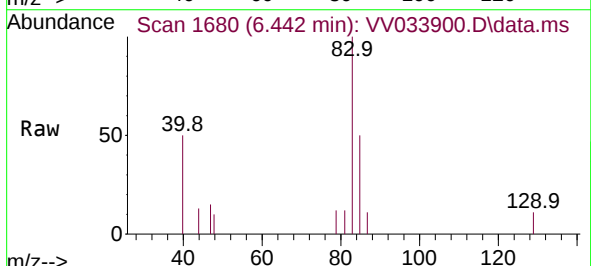
Tgt Ion: 83 Resp: 2363

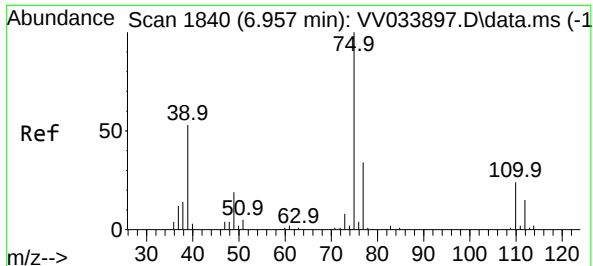
Ion Ratio Lower Upper

83 100

85 50.0 45.4 84.2

127 0.0 6.5 9.7#

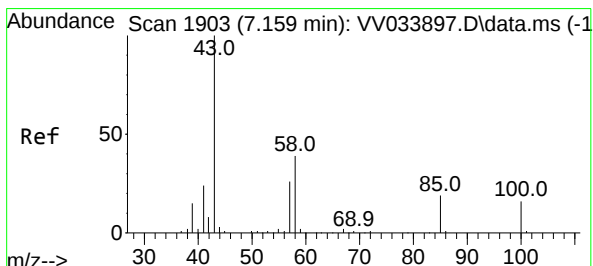
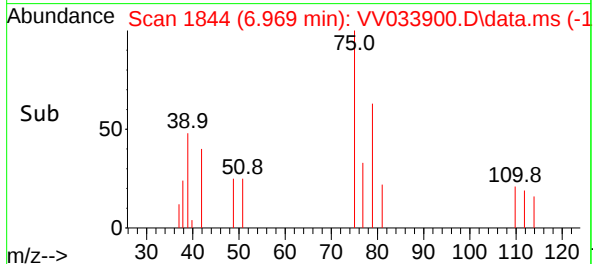
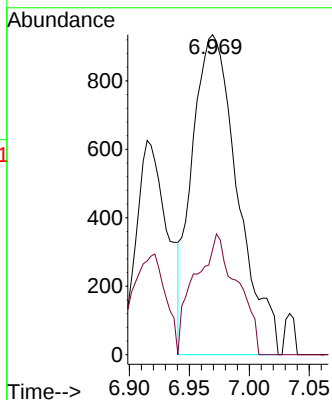
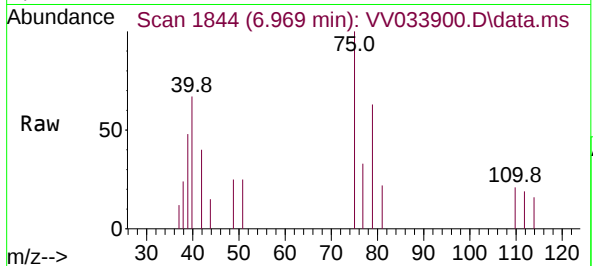




#39
 cis-1,3-Dichloropropene
 Concen: 0.240 ug/L
 RT: 6.969 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VV033900.D
 Acq: 29 Jan 2024 12:37

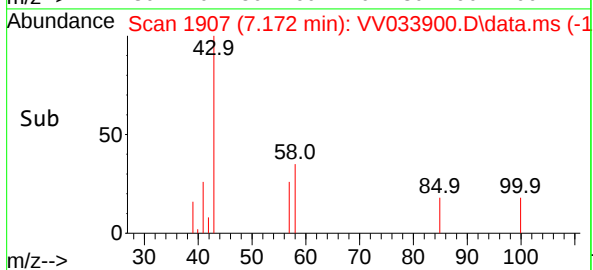
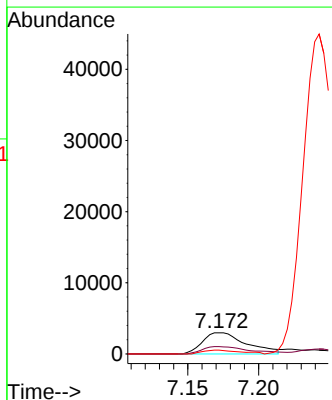
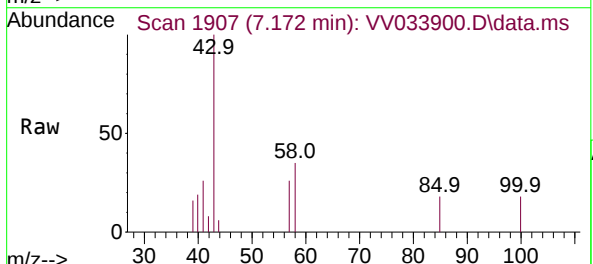
Instrument :
 MSVOA_V
 ClientSampleId :

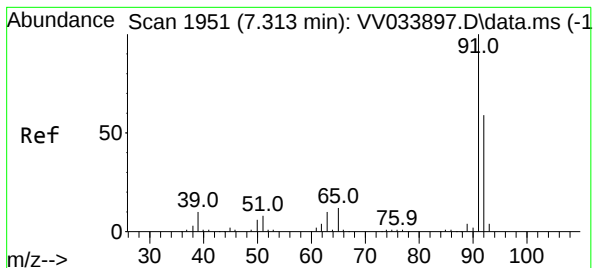
Tgt Ion: 75 Resp: 2476
 Ion Ratio Lower Upper
 75 100
 77 32.8 22.9 42.5



#40
 4-Methyl-2-pentanone
 Concen: 1.985 ug/L
 RT: 7.172 min Scan# 1907
 Delta R.T. 0.013 min
 Lab File: VV033900.D
 Acq: 29 Jan 2024 12:37

Tgt Ion: 43 Resp: 6437
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.2 45.2
 100 0.0 12.1 18.1#





#42

Toluene

Concen: 0.250 ug/L

RT: 7.323 min Scan# 1951

Delta R.T. 0.010 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

Instrument :

MSVOA_V

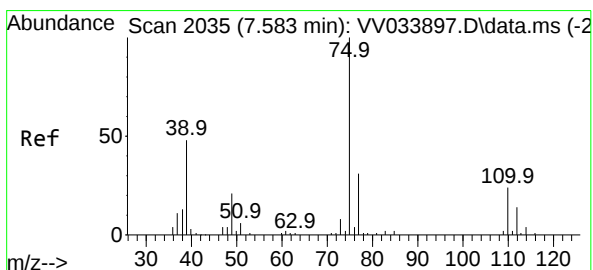
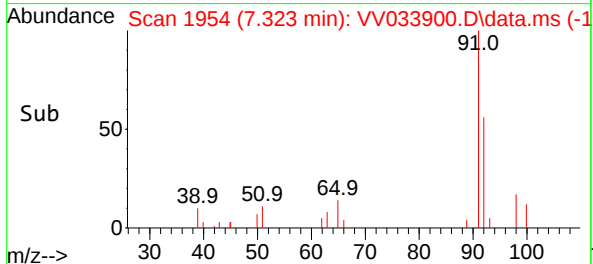
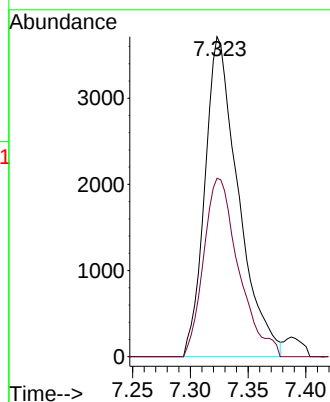
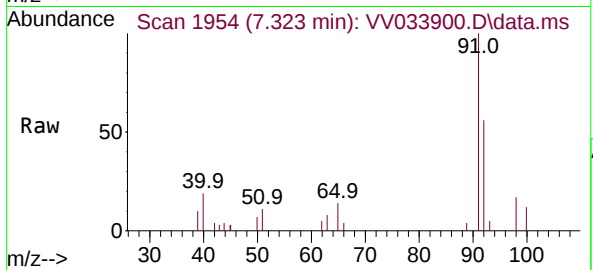
ClientSampleId :

Tgt Ion: 91 Resp: 7459

Ion Ratio Lower Upper

91 100

92 55.8 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 0.243 ug/L

RT: 7.593 min Scan# 2038

Delta R.T. 0.010 min

Lab File: VV033900.D

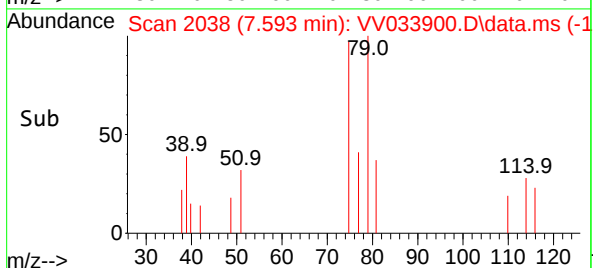
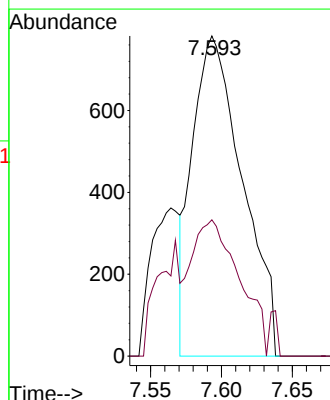
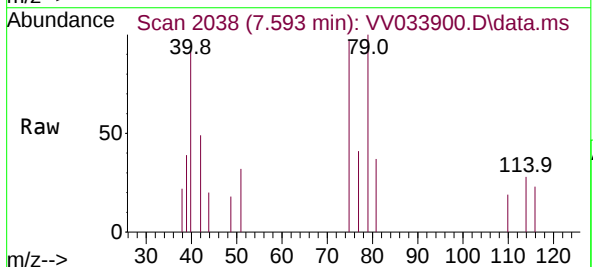
Acq: 29 Jan 2024 12:37

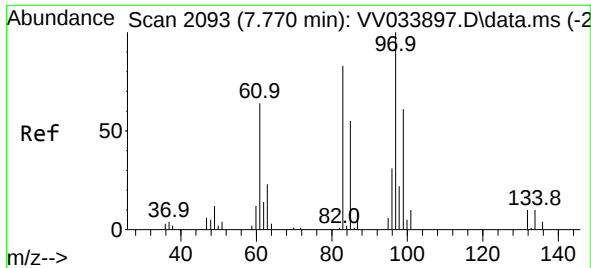
Tgt Ion: 75 Resp: 1919

Ion Ratio Lower Upper

75 100

77 42.6 22.2 41.2#



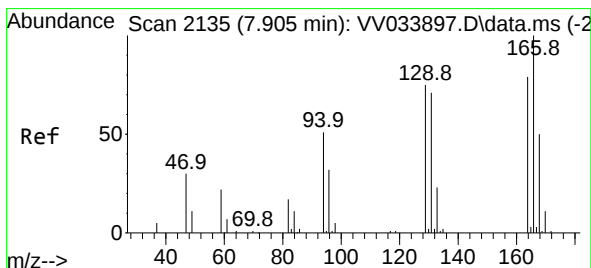
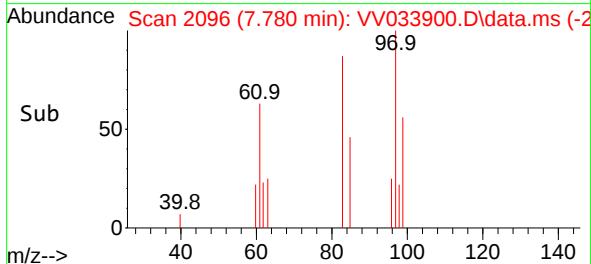
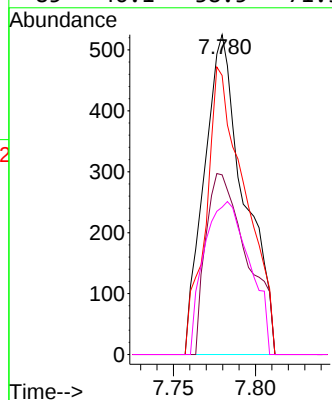
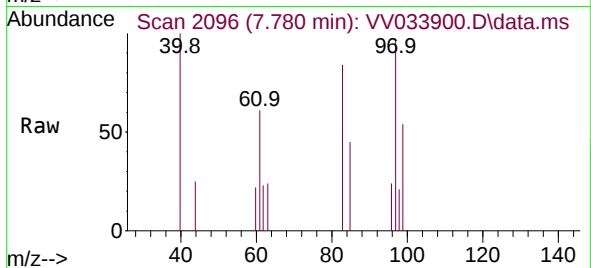


#45
1,1,2-Trichloroethane
Concen: 0.212 ug/L
RT: 7.780 min Scan# 2093
Delta R.T. 0.010 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 888

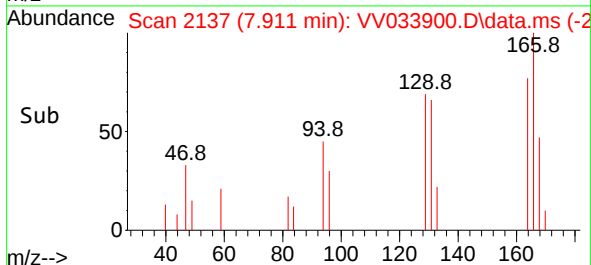
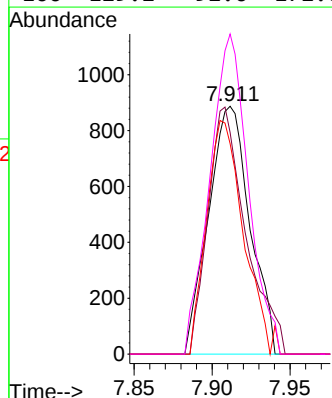
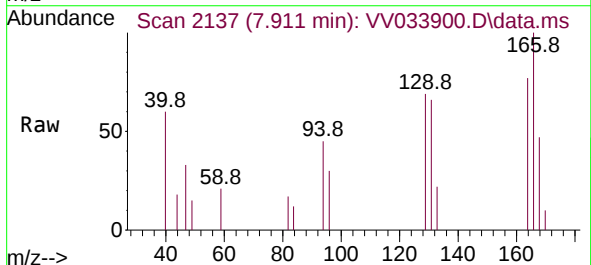
Ion	Ratio	Lower	Upper
97	100		
99	56.2	45.6	84.6
83	87.2	62.3	115.7
85	46.1	38.5	71.5

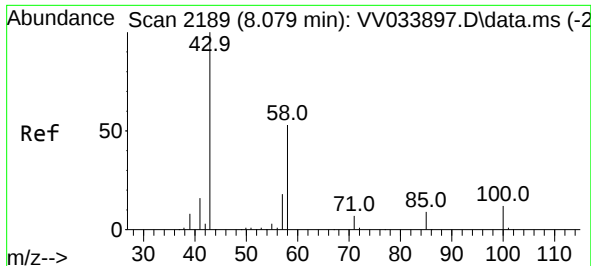


#47
Tetrachloroethene
Concen: 0.250 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.006 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Tgt Ion: 164 Resp: 1641

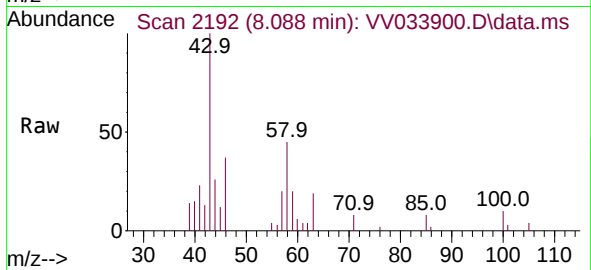
Ion	Ratio	Lower	Upper
164	100		
129	89.4	67.8	125.8
131	84.9	63.0	117.0
166	129.2	92.6	172.0



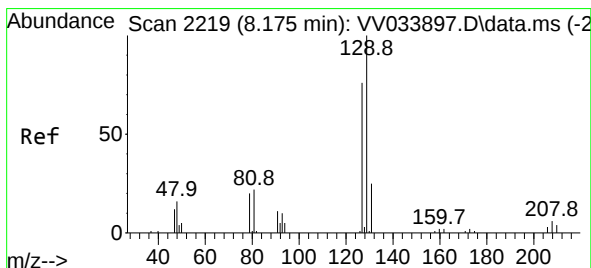
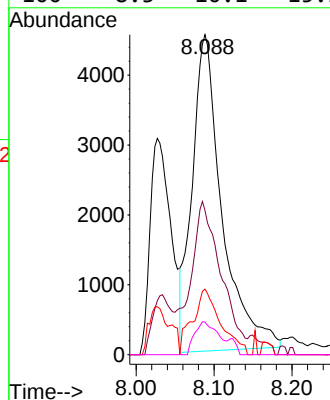
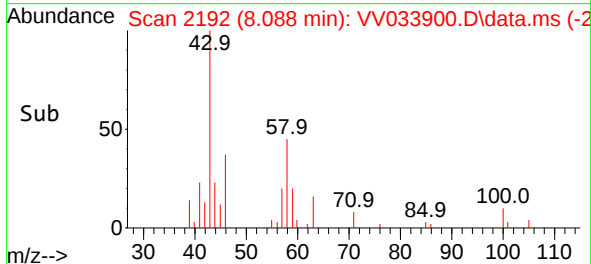


#48
2-Hexanone
Concen: 5.267 ug/L
RT: 8.088 min Scan# 2189
Delta R.T. 0.010 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Instrument :
MSVOA_V
ClientSampleId :

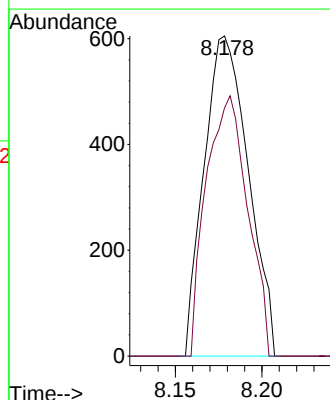
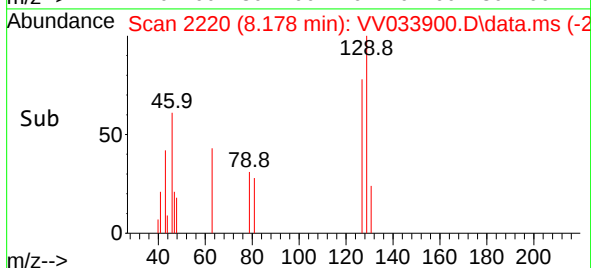
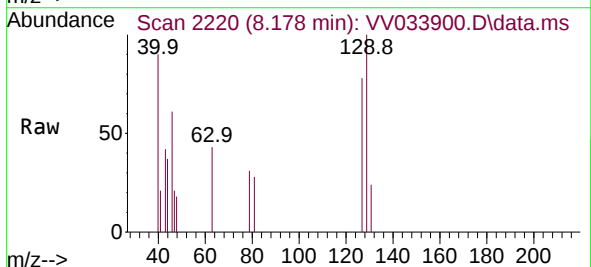


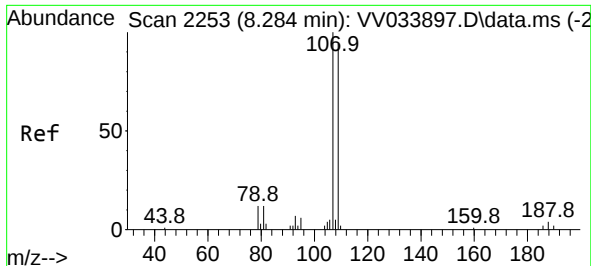
Tgt Ion: 43 Resp: 12041
Ion Ratio Lower Upper
43 100
58 46.7 42.6 64.0
57 19.7 15.5 23.3
100 8.3 10.1 15.1#



#49
Dibromochloromethane
Concen: 0.216 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Tgt Ion:129 Resp: 1074
Ion Ratio Lower Upper
129 100
127 77.5 53.5 99.5





#50

1,2-Dibromoethane

Concen: 0.236 ug/L

RT: 8.288 min Scan# 21

Delta R.T. 0.003 min

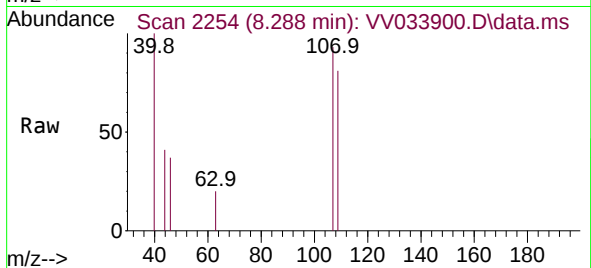
Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

Instrument :

MSVOA_V

ClientSampleId :



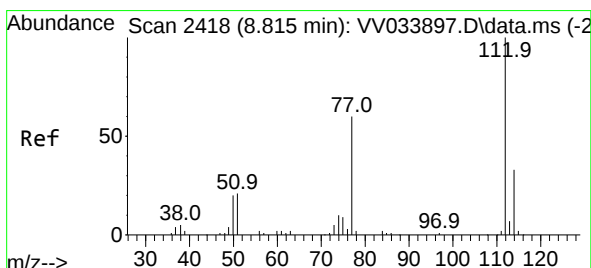
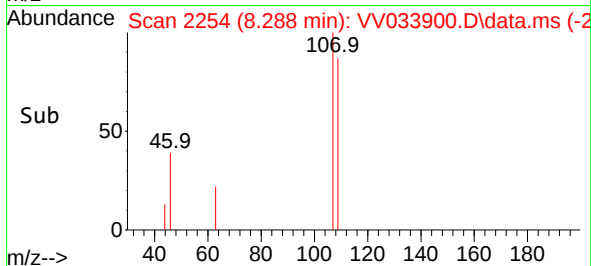
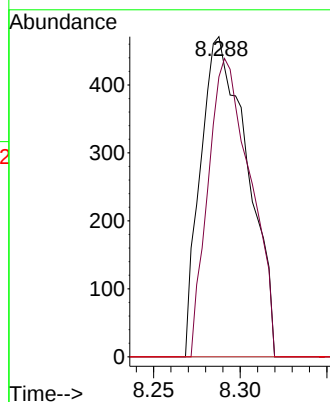
Tgt Ion:107 Resp: 887

Ion Ratio Lower Upper

107 100

109 87.5 64.5 119.9

188 0.0 2.6 4.0#



#51

Chlorobenzene

Concen: 0.256 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.003 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

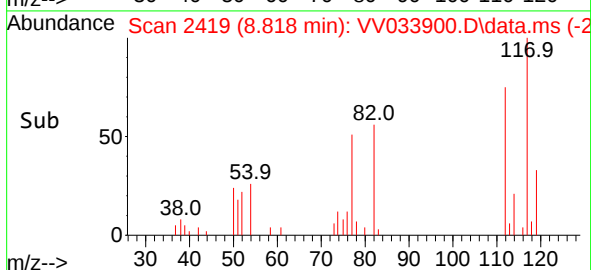
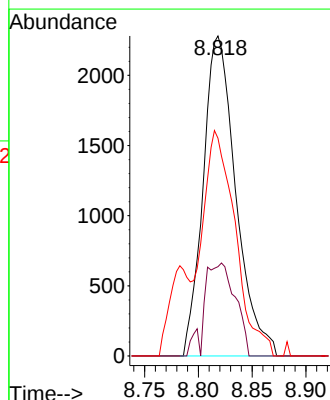
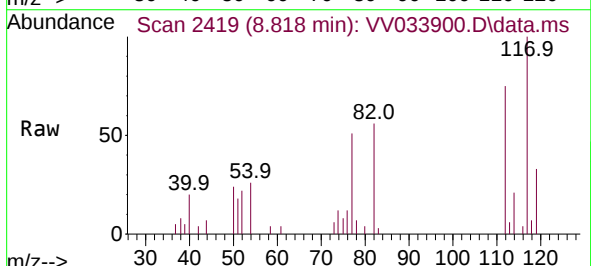
Tgt Ion:112 Resp: 4829

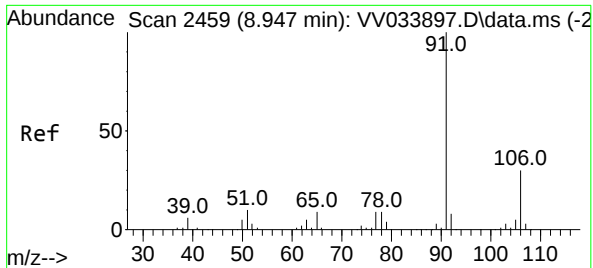
Ion Ratio Lower Upper

112 100

114 27.9 22.5 41.7

77 68.0 48.1 72.1





#52

Ethylbenzene

Concen: 0.252 ug/L

RT: 8.953 min Scan# 2459

Delta R.T. 0.006 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

Instrument :

MSVOA_V

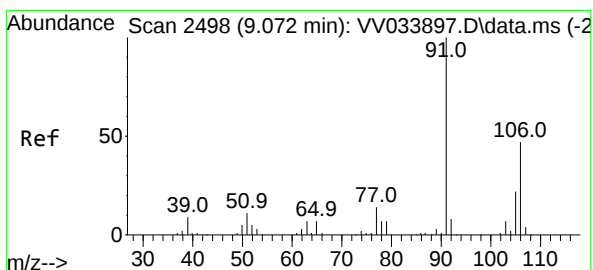
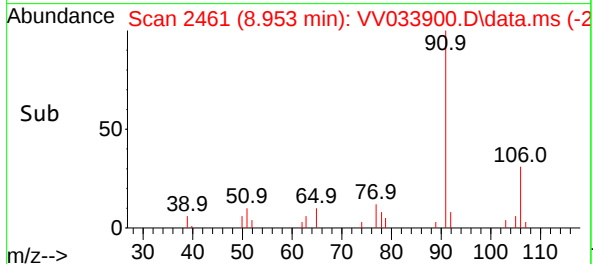
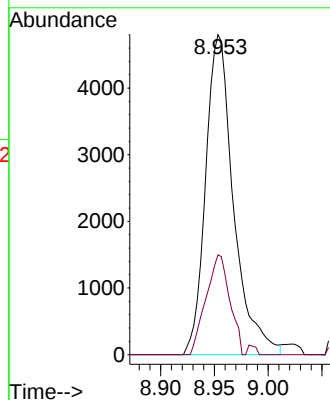
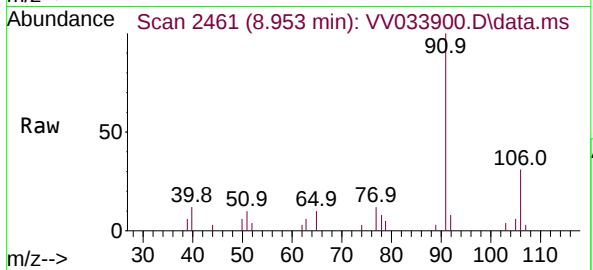
ClientSampleId :

Tgt Ion: 91 Resp: 8682

Ion Ratio Lower Upper

91 100

106 31.2 21.4 39.8



#53

m,p-Xylene

Concen: 0.253 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.010 min

Lab File: VV033900.D

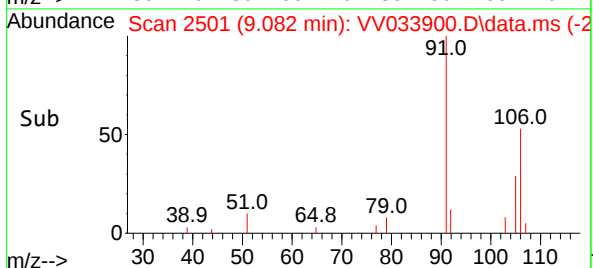
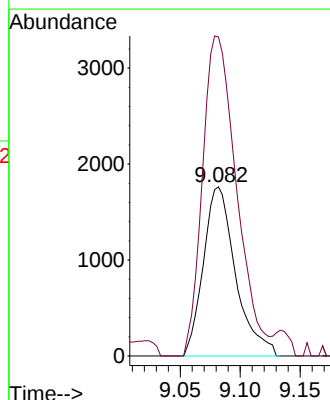
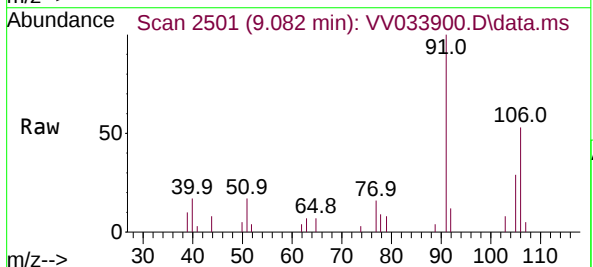
Acq: 29 Jan 2024 12:37

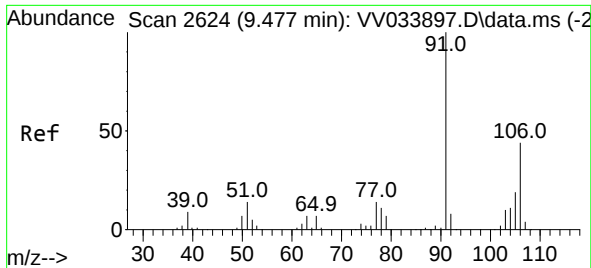
Tgt Ion:106 Resp: 3294

Ion Ratio Lower Upper

106 100

91 188.7 147.5 273.9

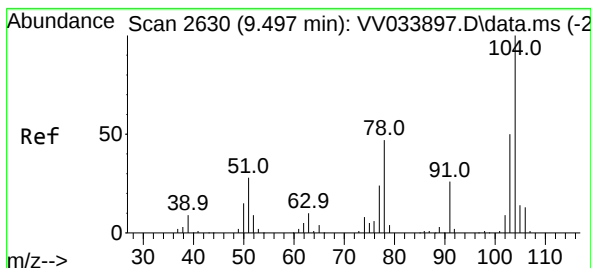
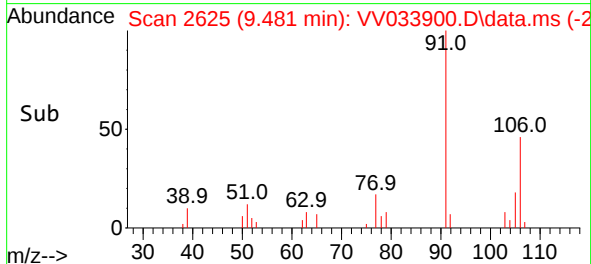
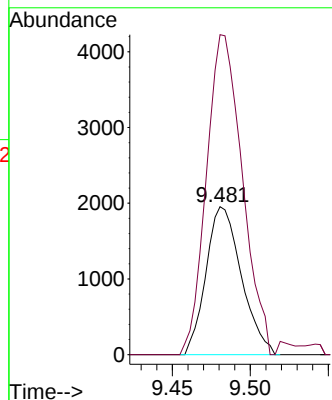
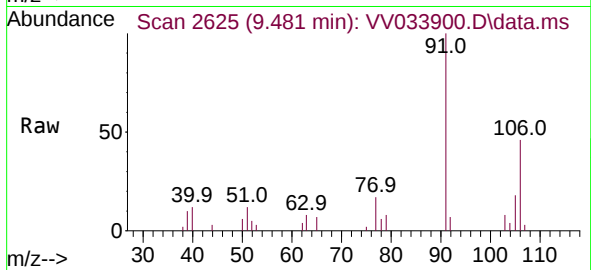




#54
o-Xylene
Concen: 0.246 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

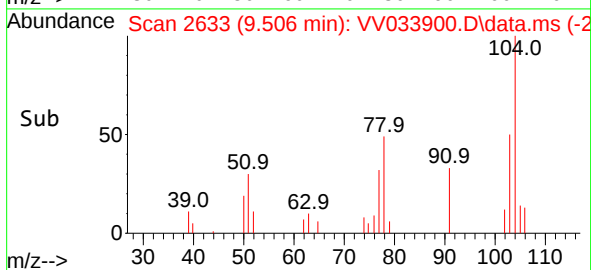
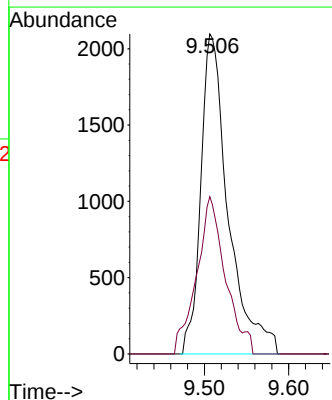
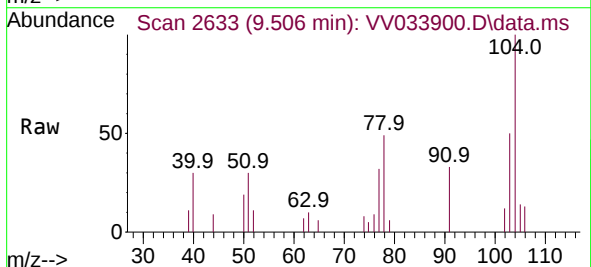
Instrument :
MSVOA_V
ClientSampleId :

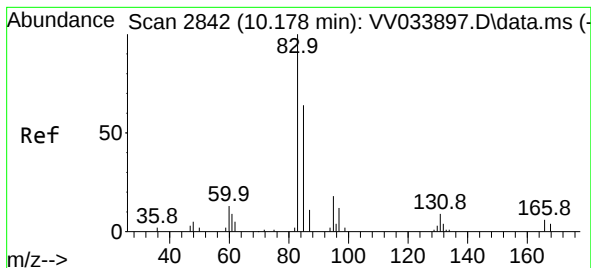
Tgt Ion:106 Resp: 3082
Ion Ratio Lower Upper
106 100
91 216.3 156.2 290.0



#55
Styrene
Concen: 0.236 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.010 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Tgt Ion:104 Resp: 4736
Ion Ratio Lower Upper
104 100
78 49.2 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 0.276 ug/L

RT: 10.185 min Scan# 2844

Delta R.T. 0.006 min

Lab File: VV033900.D

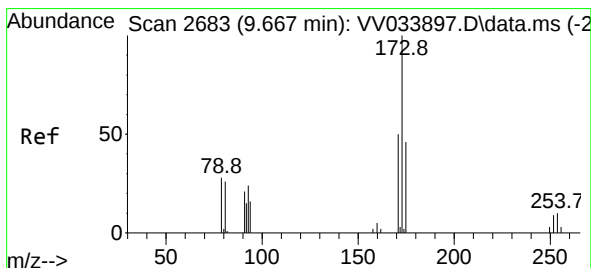
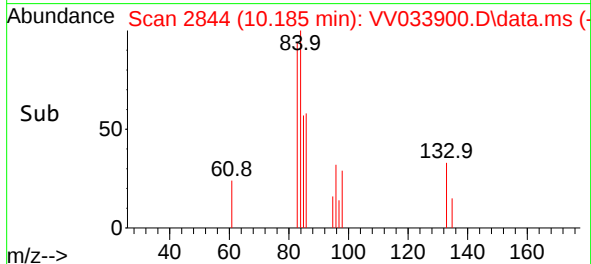
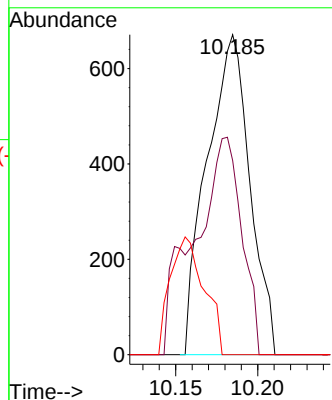
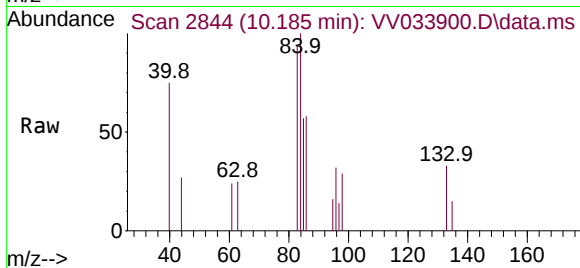
Acq: 29 Jan 2024 12:37

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	1217
Ion	Ratio	Lower	Upper
83	100		
85	60.7	46.5	86.3
131	0.0	8.4	12.6#



#59

Bromoform

Concen: 0.210 ug/L

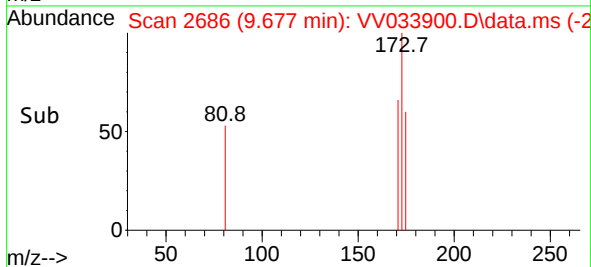
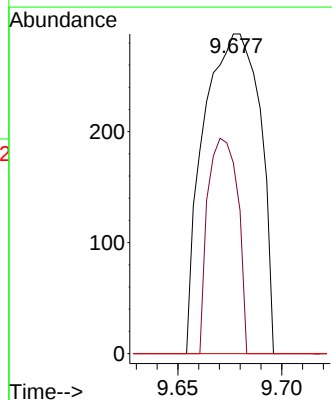
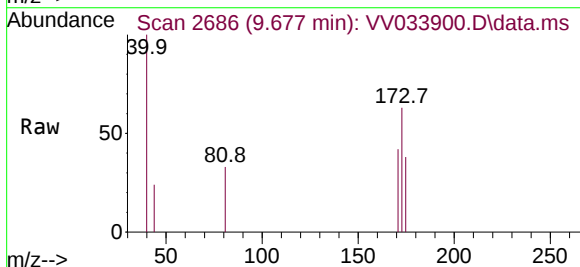
RT: 9.677 min Scan# 2686

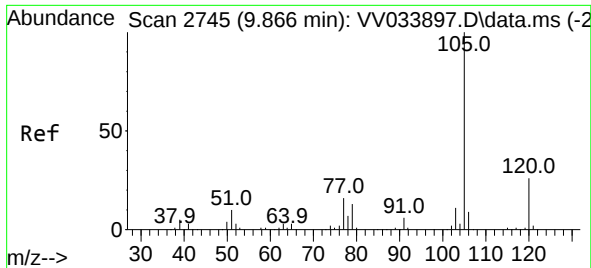
Delta R.T. 0.010 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

Tgt Ion:	173	Resp:	541
Ion	Ratio	Lower	Upper
173	100		
175	35.7	38.6	57.8#
254	0.0	7.2	10.8#

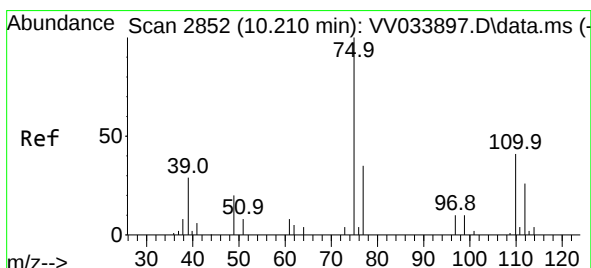
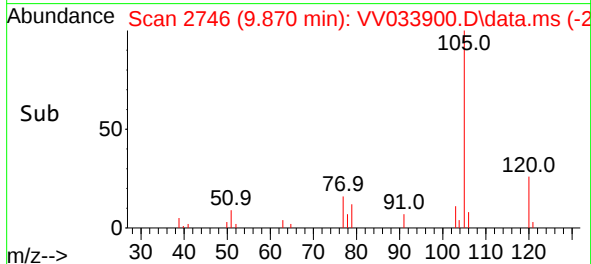
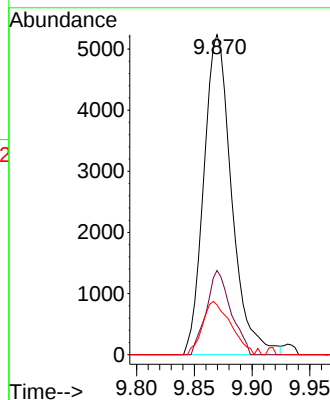
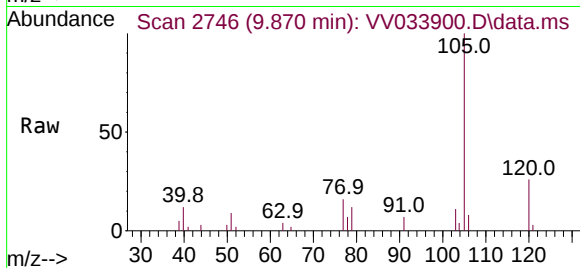




#60
Isopropylbenzene
Concen: 0.254 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

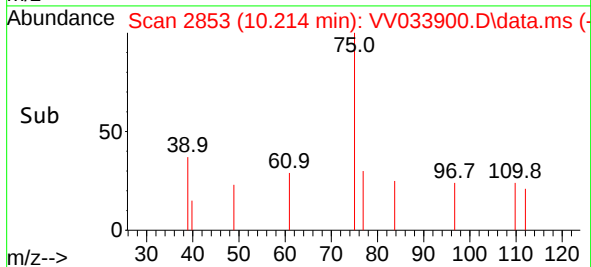
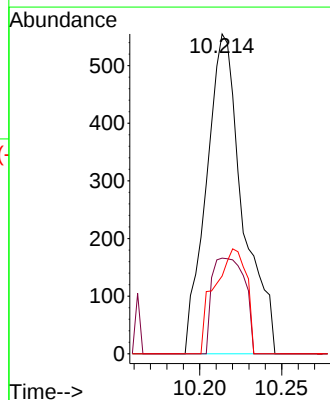
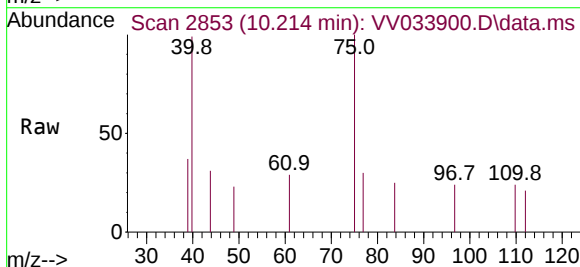
Instrument :
MSVOA_V
ClientSampleId :

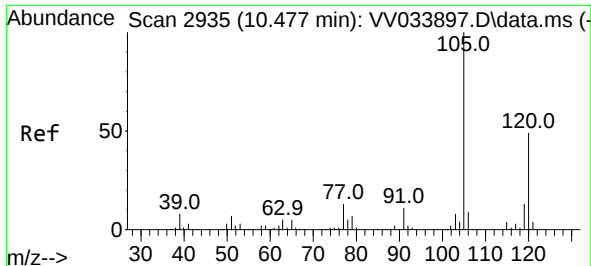
Tgt Ion:105 Resp: 8788
Ion Ratio Lower Upper
105 100
120 23.2 20.7 31.1
77 17.1 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 0.265 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.003 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Tgt Ion: 75 Resp: 850
Ion Ratio Lower Upper
75 100
77 26.9 26.9 40.3
110 28.9 33.3 49.9#





#62

1,3,5-Trimethylbenzene

Concen: 0.248 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

Instrument :

MSVOA_V

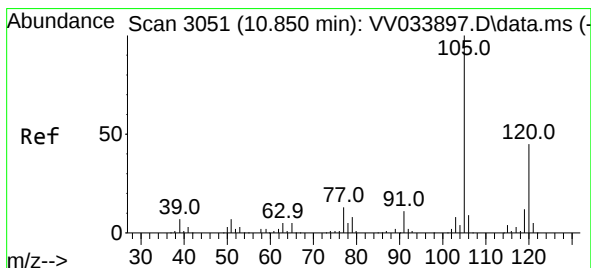
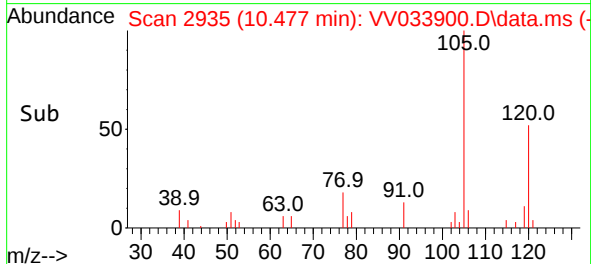
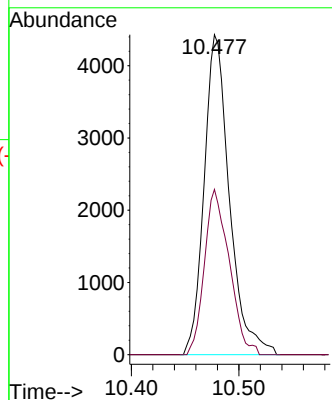
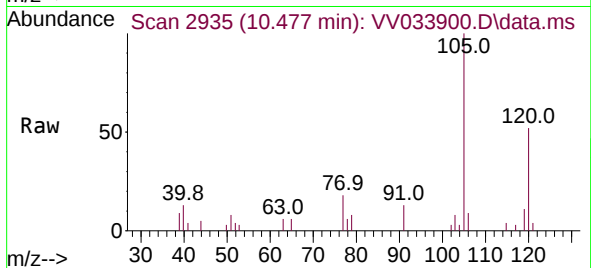
ClientSampleId :

Tgt Ion:105 Resp: 7250

Ion Ratio Lower Upper

105 100

120 50.7 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 0.248 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.006 min

Lab File: VV033900.D

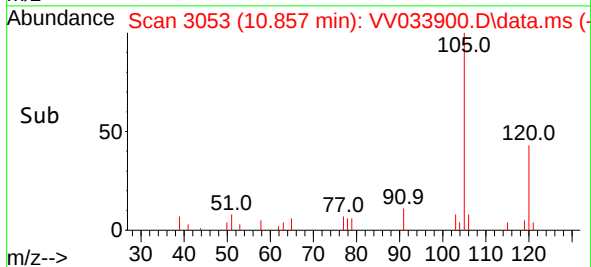
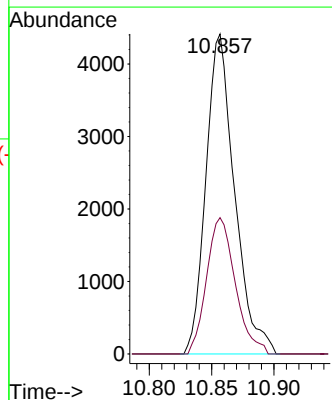
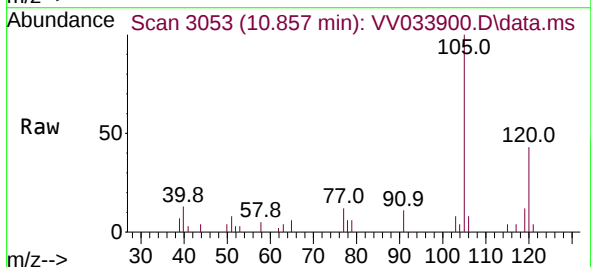
Acq: 29 Jan 2024 12:37

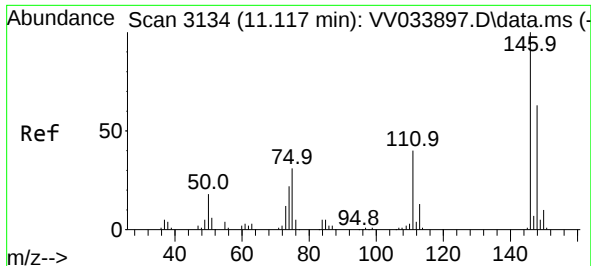
Tgt Ion:105 Resp: 7048

Ion Ratio Lower Upper

105 100

120 42.7 36.2 54.2

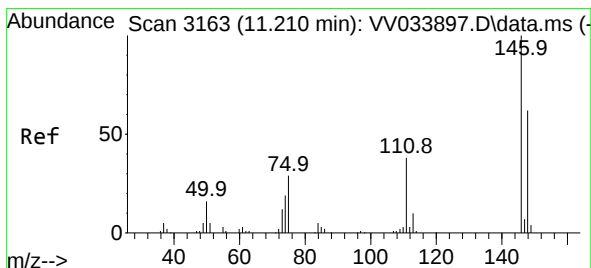
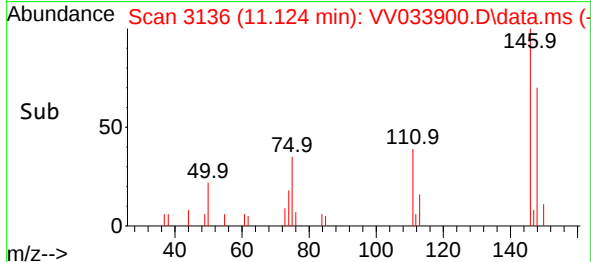
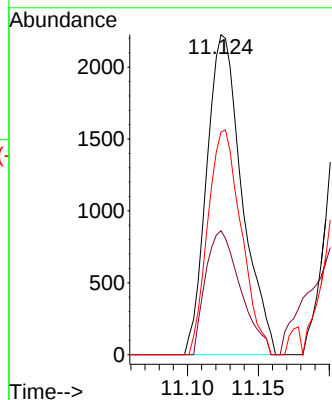
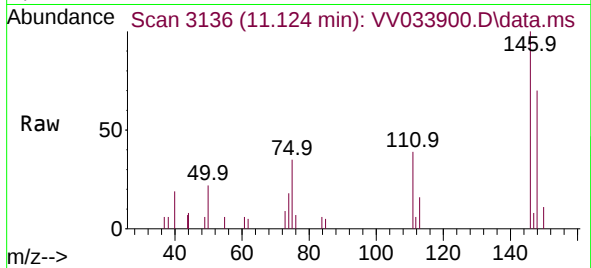




#64
1,3-Dichlorobenzene
Concen: 0.256 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.006 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

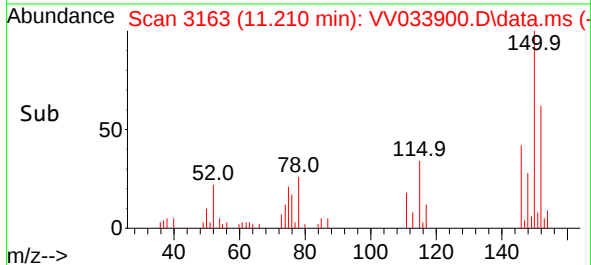
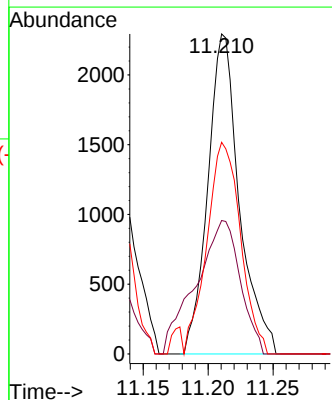
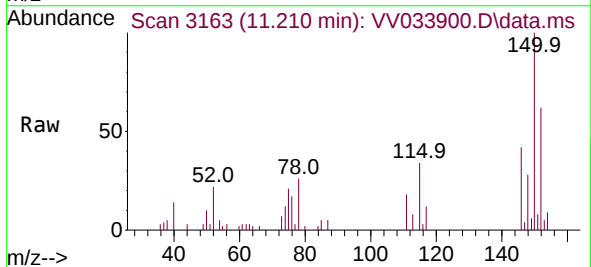
Instrument :
MSVOA_V
ClientSampleId :

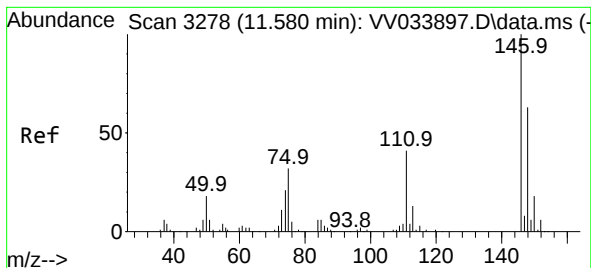
Tgt Ion:146 Resp: 3859
Ion Ratio Lower Upper
146 100
111 38.8 28.5 52.9
148 69.6 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 0.259 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Tgt Ion:146 Resp: 3869
Ion Ratio Lower Upper
146 100
111 41.7 27.6 51.4
148 66.1 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 0.275 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

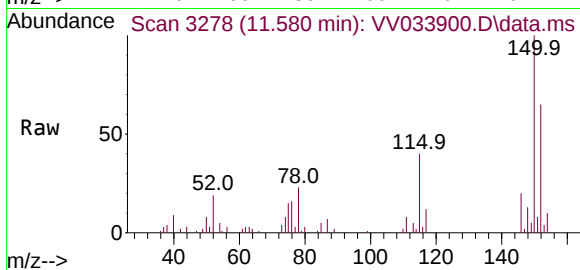
Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

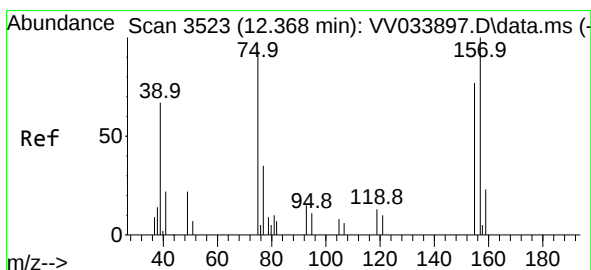
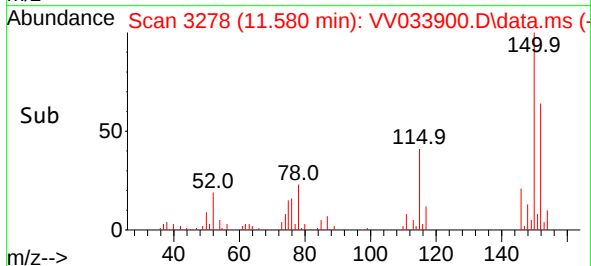
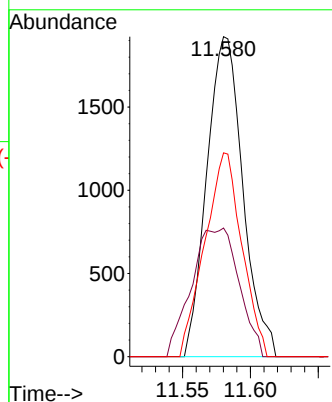
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	146	Resp:	3554
Ion	Ratio	Lower	Upper
146	100		
111	40.2	31.2	46.8
148	63.7	49.8	74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 0.696 ug/L

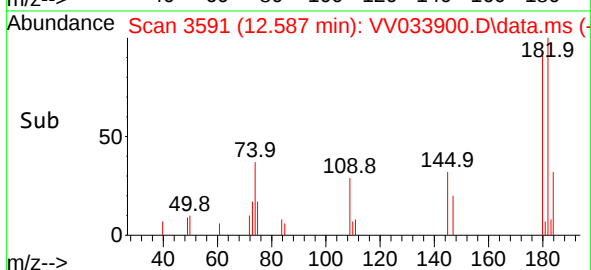
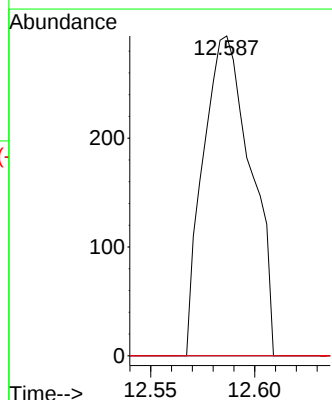
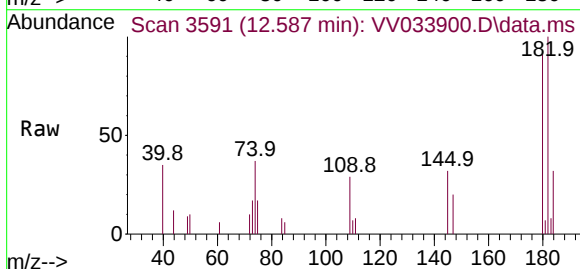
RT: 12.587 min Scan# 3591

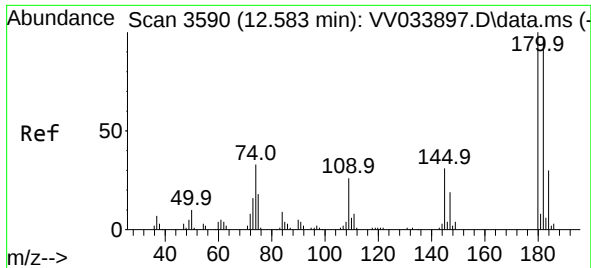
Delta R.T. 0.219 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

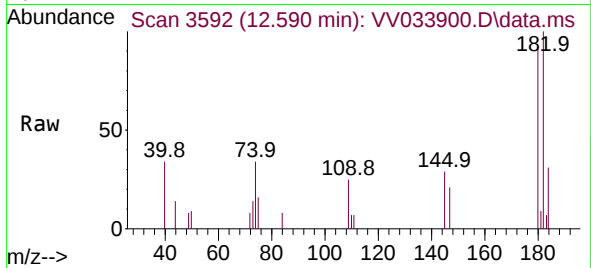
Tgt Ion:	75	Resp:	468
Ion	Ratio	Lower	Upper
75	100		
155	0.0	68.9	103.3#
157	0.0	84.6	127.0#



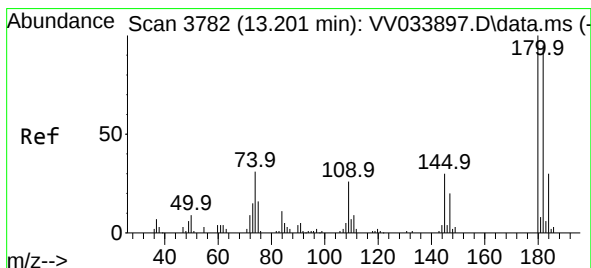
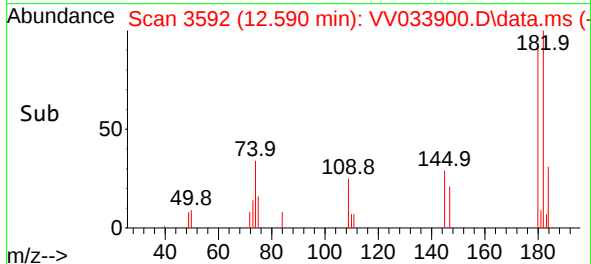
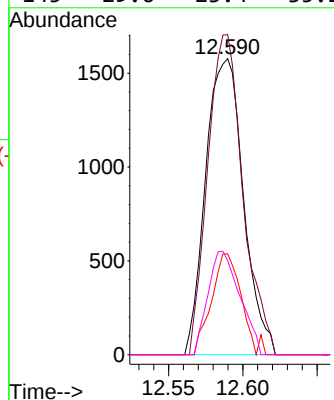


#69
 1,3,5-Trichlorobenzene
 Concen: 0.239 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. 0.006 min
 Lab File: VV033900.D
 Acq: 29 Jan 2024 12:37

Instrument :
 MSVOA_V
 ClientSampleId :

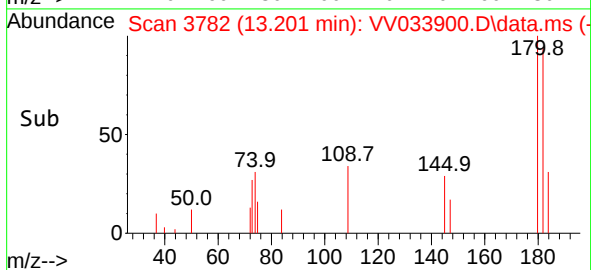
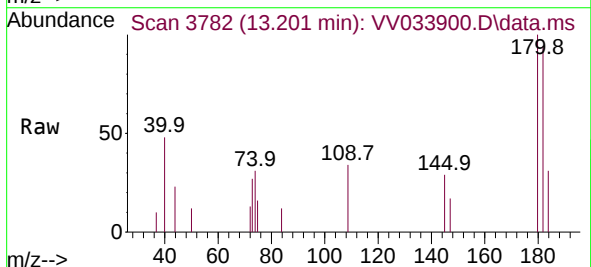
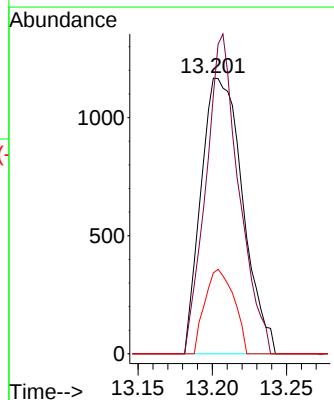


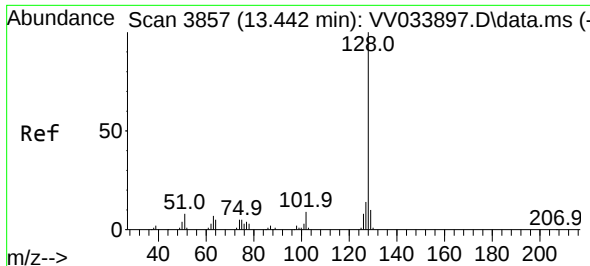
Tgt Ion:180 Resp: 2789
 Ion Ratio Lower Upper
 180 100
 182 100.5 77.0 115.4
 184 27.0 23.8 35.6
 145 29.6 23.4 35.2



#70
 1,2,4-trichlorobenzene
 Concen: 0.250 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.000 min
 Lab File: VV033900.D
 Acq: 29 Jan 2024 12:37

Tgt Ion:180 Resp: 2272
 Ion Ratio Lower Upper
 180 100
 182 92.1 76.8 115.2
 145 21.3 24.8 37.2#

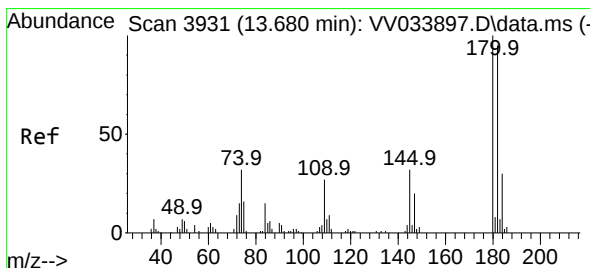
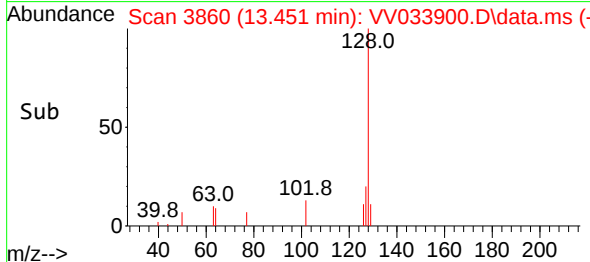
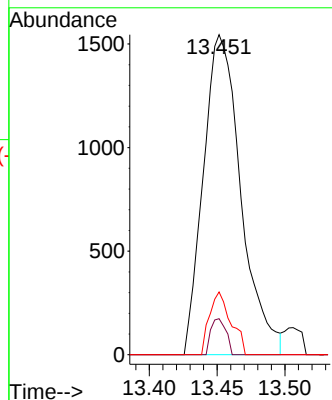
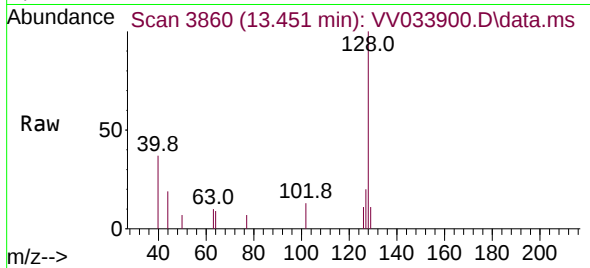




#71
Naphthalene
Concen: 0.250 ug/L
RT: 13.451 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 2976
Ion Ratio Lower Upper
128 100
129 4.5 8.5 12.7#
127 11.2 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 0.242 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.006 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Tgt Ion:180 Resp: 1762
Ion Ratio Lower Upper
180 100
182 91.9 75.0 112.6
145 26.2 25.2 37.8

