

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021324\
 Data File : VW034144.D
 Acq On : 13 Feb 2024 09:17
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 14 01:36:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 13 00:43:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	79142	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	71529	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	37028	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26193	4.273	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.532	69	22488	4.189	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.060	65	12794	4.328	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	3.812	46	43234	41.999	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.000%
24) Chloroform-d	4.249	84	50984	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.944	65	23866	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	4.960	84	93047	4.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	5.989	67	24932	4.156	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.200%
41) Toluene-d8	7.243	98	86494	4.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.555	79	9919	4.379	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.027	63	33021	40.836	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.680%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15168	4.171	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	28618	4.250	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	37637	5.189	ug/L	99
3) Chloromethane	1.217	50	37268	4.711	ug/L	99
5) Vinyl chloride	1.285	62	37732	4.991	ug/L	88
6) Bromomethane	1.491	94	20419	5.129	ug/L	100
8) Chloroethane	1.552	64	22950	4.450	ug/L	98
9) Trichlorofluoromethane	1.716	101	61220	5.620	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	31284	5.494	ug/L	98
12) 1,1-Dichloroethene	2.069	96	28852	5.218	ug/L	99
13) Acetone	2.140	43	37849	48.465	ug/L #	41
14) Carbon disulfide	2.240	76	81207	4.540	ug/L	99
15) Methyl Acetate	2.384	43	7455	4.034	ug/L	93
16) Methylene chloride	2.449	84	27001	5.090	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	57520	5.064	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	28322	5.029	ug/L	97
19) 1,1-Dichloroethane	3.111	63	52377	5.062	ug/L	95
21) 2-Butanone	3.889	43	46337	44.899	ug/L #	56
22) cis-1,2-Dichloroethene	3.815	96	29842	4.671	ug/L	96
23) Bromochloromethane	4.153	128	11552	5.201	ug/L	93
25) Chloroform	4.275	83	54661	5.226	ug/L	96

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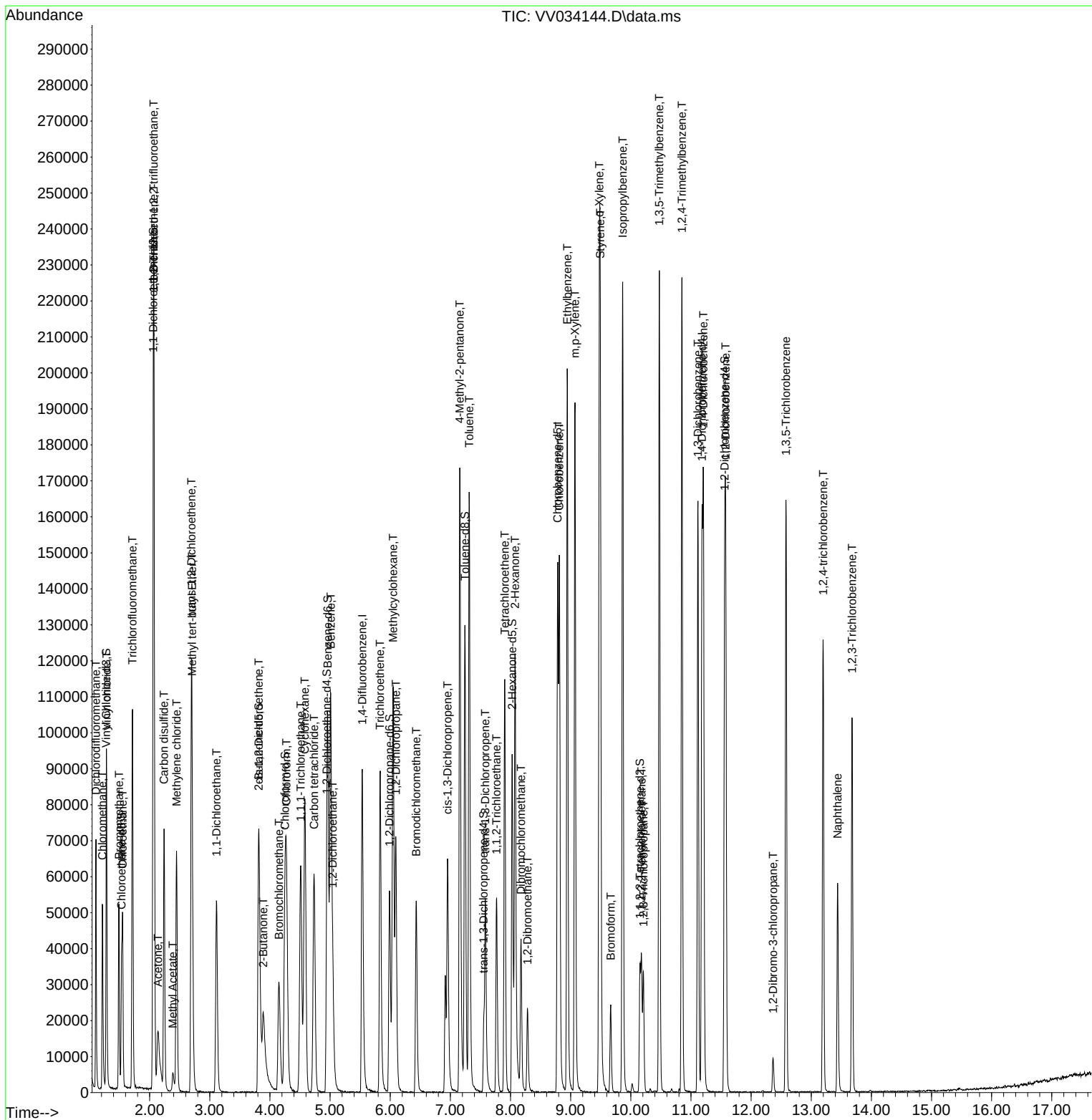
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 ClientSampleId :

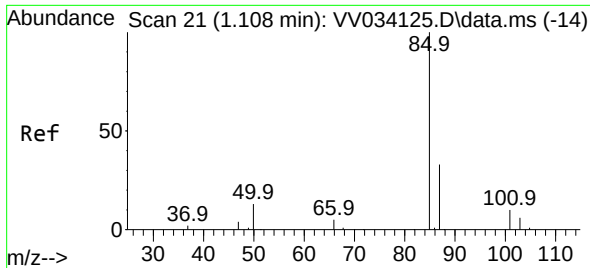
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	31614	5.278	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	51867	5.401	ug/L	98
30) Cyclohexane	4.580	56	45460	4.867	ug/L	98
31) Carbon tetrachloride	4.735	117	46800	5.570	ug/L	100
33) Benzene	5.011	78	109735	5.115	ug/L	100
34) Trichloroethene	5.831	95	31041	4.999	ug/L	97
35) Methylcyclohexane	6.050	83	48010	4.926	ug/L	98
37) 1,2-Dichloropropane	6.095	63	26317	5.064	ug/L	98
38) Bromodichloromethane	6.433	83	35952	5.270	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	40037	5.063	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	119670	48.088	ug/L	98
42) Toluene	7.313	91	120516	5.256	ug/L	96
44) trans-1,3-Dichloropropene	7.580	75	31887	5.252	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	16322	5.086	ug/L	94
47) Tetrachloroethene	7.905	164	25464	5.047	ug/L	91
48) 2-Hexanone	8.076	43	82429	46.991	ug/L	99
49) Dibromochloromethane	8.175	129	20239	5.307	ug/L	96
50) 1,2-Dibromoethane	8.285	107	14908	5.176	ug/L #	97
51) Chlorobenzene	8.812	112	76087	5.248	ug/L	97
52) Ethylbenzene	8.944	91	136409	5.168	ug/L	99
53) m,p-Xylene	9.072	106	52252	5.239	ug/L	98
54) o-Xylene	9.477	106	50205	5.220	ug/L	98
55) Styrene	9.493	104	82379	5.350	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	16771	4.952	ug/L	97
59) Bromoform	9.667	173	10228	5.014	ug/L	98
60) Isopropylbenzene	9.866	105	142340	5.195	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	12460	4.895	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	118345	5.109	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	116185	5.162	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	63621	5.326	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	61842	5.228	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	53505	5.215	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	2657	4.980	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	48396	5.235	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	36771	5.095	ug/L	99
71) Naphthalene	13.439	128	45757	4.839	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	30254	5.232	ug/L	99

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

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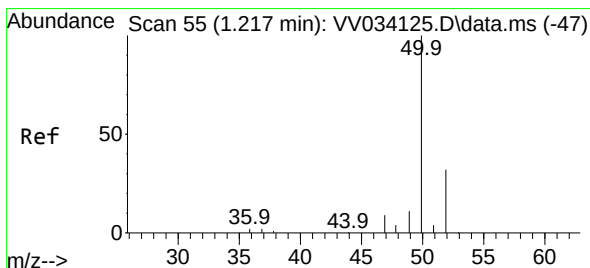
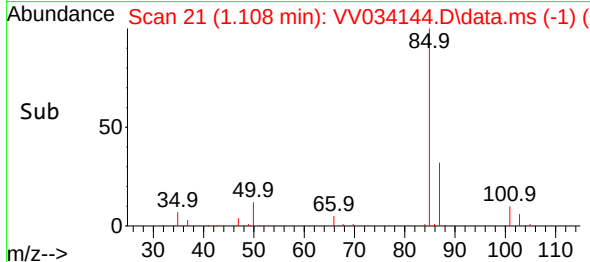
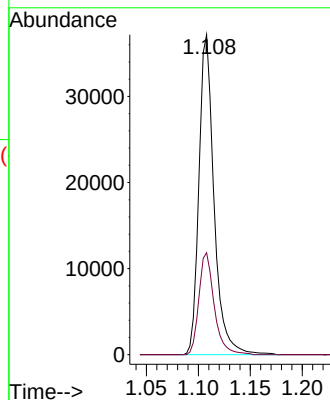
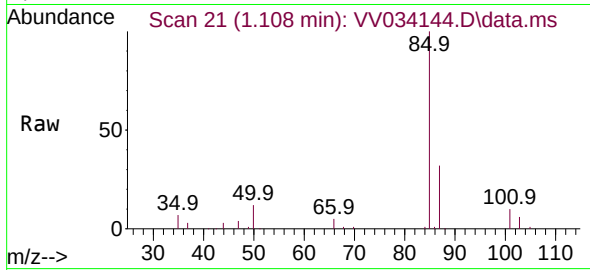




#2
Dichlorodifluoromethane
Concen: 5.189 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034144.D
Acq: 13 Feb 2024 09:17

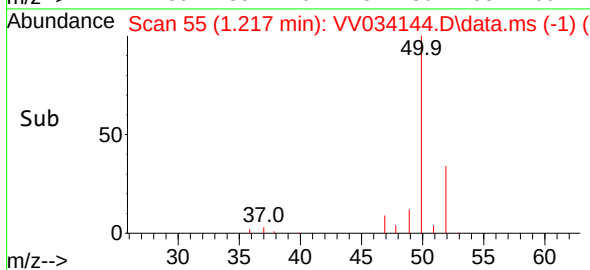
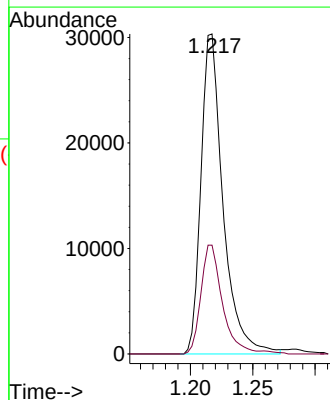
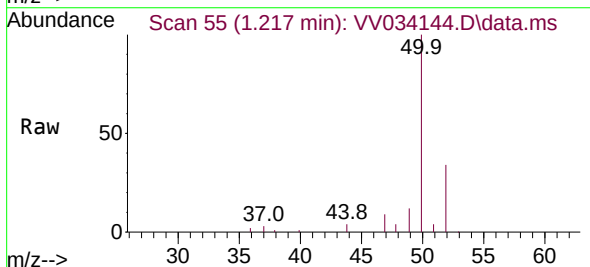
Instrument :
MSVOA_V
ClientSampleId :

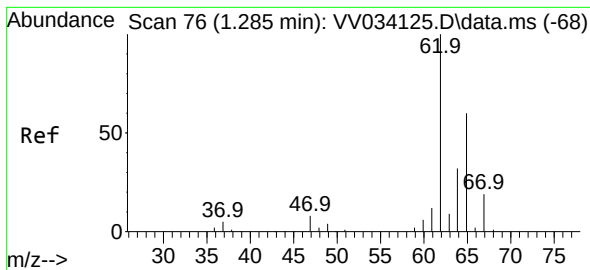
Tgt Ion: 85 Resp: 37637
Ion Ratio Lower Upper
85 100
87 32.3 26.2 39.4



#3
Chloromethane
Concen: 4.711 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV034144.D
Acq: 13 Feb 2024 09:17

Tgt Ion: 50 Resp: 37268
Ion Ratio Lower Upper
50 100
52 34.0 23.4 43.4

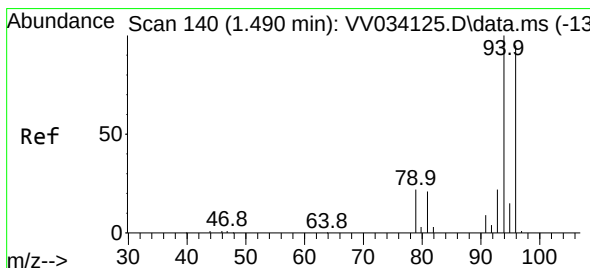
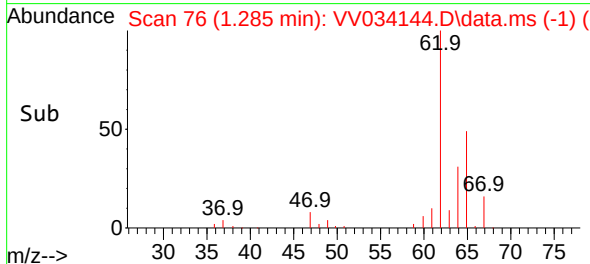
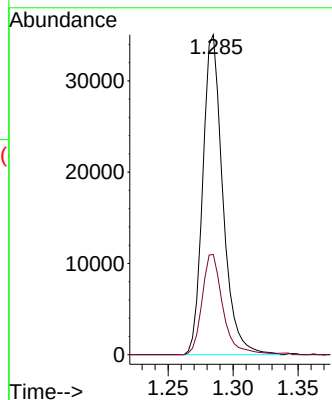
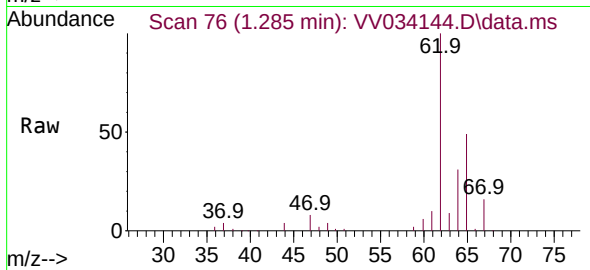




#5
 Vinyl chloride
 Concen: 4.991 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV034144.D
 Acq: 13 Feb 2024 09:17

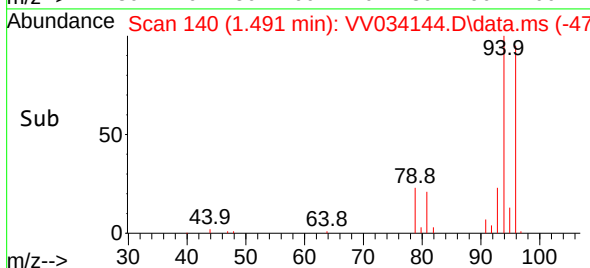
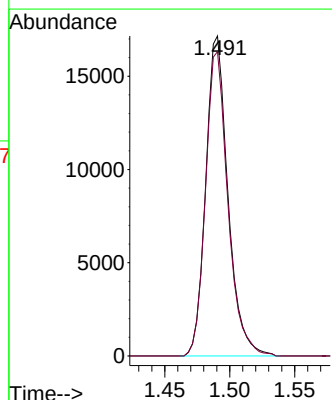
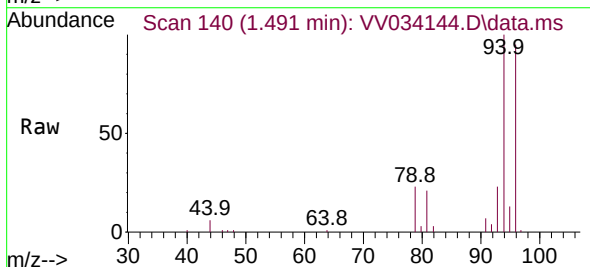
Instrument :
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 ClientSampleId :

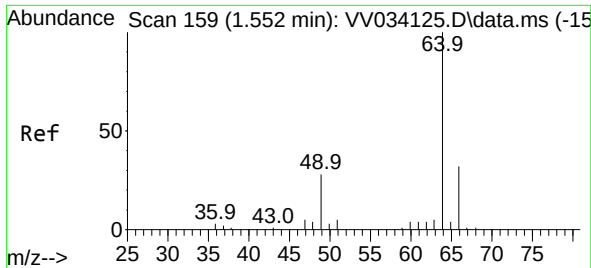
Tgt Ion: 62 Resp: 37732
 Ion Ratio Lower Upper
 62 100
 64 31.3 27.2 50.4



#6
 Bromomethane
 Concen: 5.129 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV034144.D
 Acq: 13 Feb 2024 09:17

Tgt Ion: 94 Resp: 20419
 Ion Ratio Lower Upper
 94 100
 96 95.1 66.6 123.8





#8

Chloroethane

Concen: 4.450 ug/L

RT: 1.552 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV034144.D

Acq: 13 Feb 2024 09:17

Instrument :

MSVOA_V

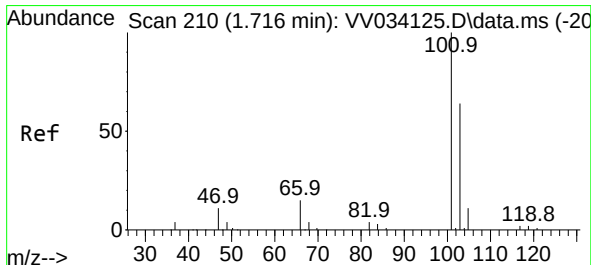
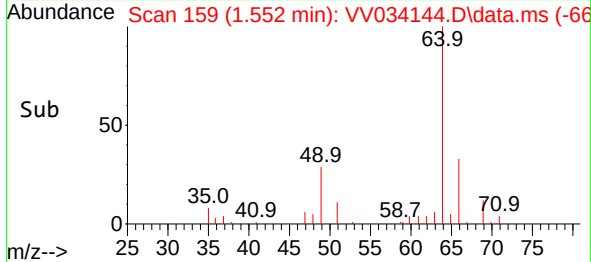
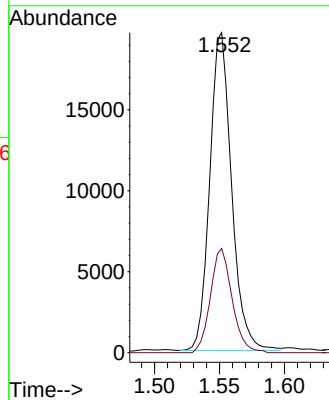
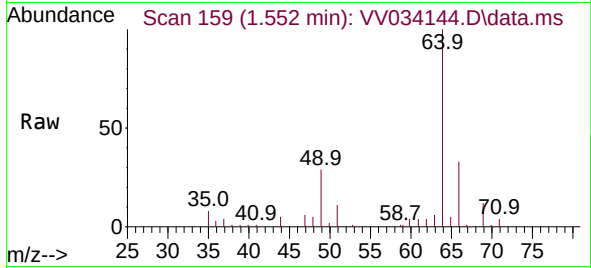
ClientSampleId :

Tgt Ion: 64 Resp: 22950

Ion Ratio Lower Upper

64 100

66 32.6 22.0 41.0



#9

Trichlorofluoromethane

Concen: 5.620 ug/L

RT: 1.716 min Scan# 210

Delta R.T. 0.000 min

Lab File: VV034144.D

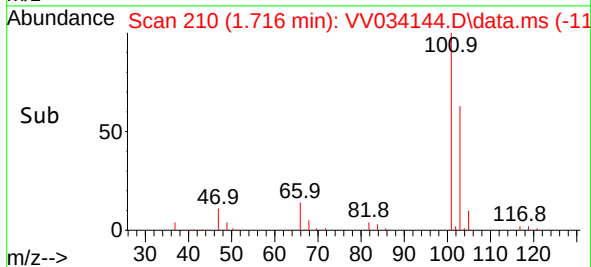
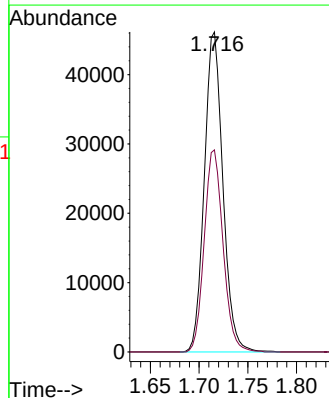
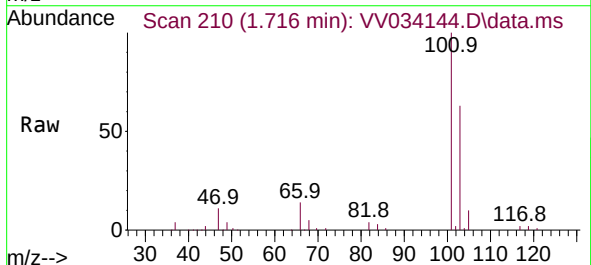
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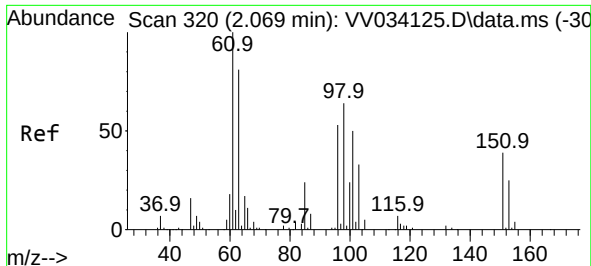
Tgt Ion:101 Resp: 61220

Ion Ratio Lower Upper

101 100

103 64.0 51.0 76.4

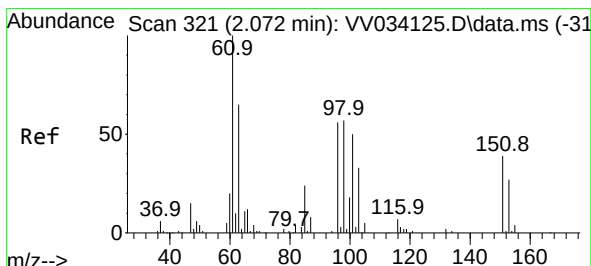
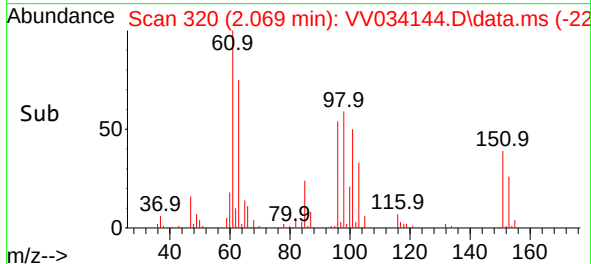
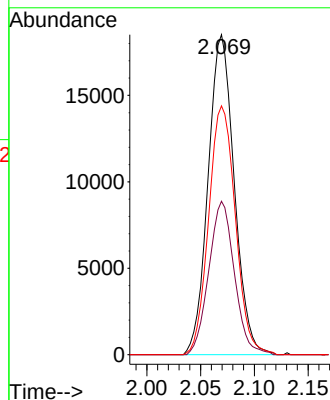
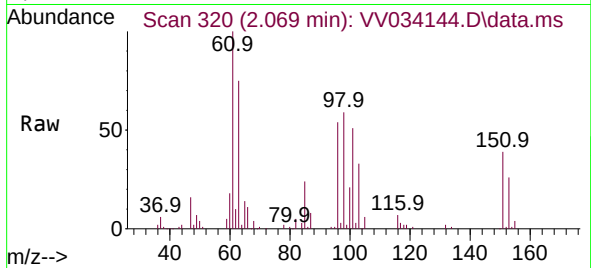




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.494 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV034144.D
 Acq: 13 Feb 2024 09:17

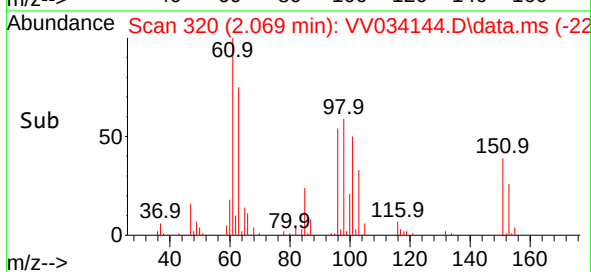
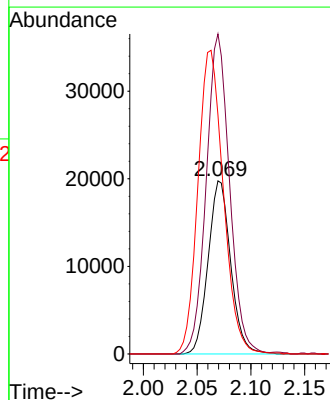
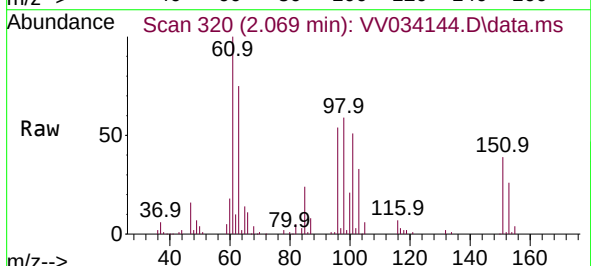
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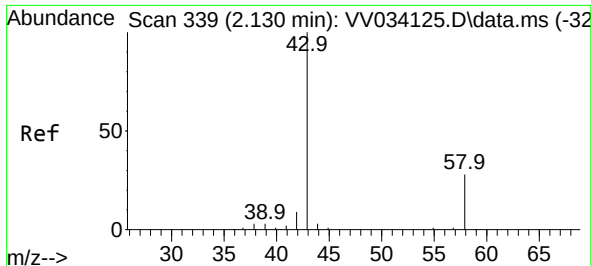
Tgt Ion:101 Resp: 31284
 Ion Ratio Lower Upper
 101 100
 85 46.9 37.1 55.7
 151 79.5 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 5.218 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.003 min
 Lab File: VV034144.D
 Acq: 13 Feb 2024 09:17

Tgt Ion: 96 Resp: 28852
 Ion Ratio Lower Upper
 96 100
 61 184.8 128.8 239.2
 63 138.0 97.9 181.9





#13

Acetone

Concen: 48.465 ug/L

RT: 2.140 min Scan# 34

Delta R.T. 0.010 min

Lab File: VV034144.D

Acq: 13 Feb 2024 09:17

Instrument :

MSVOA_V

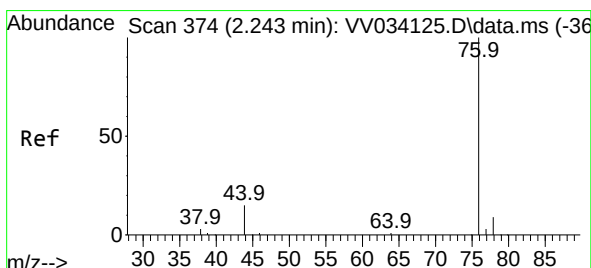
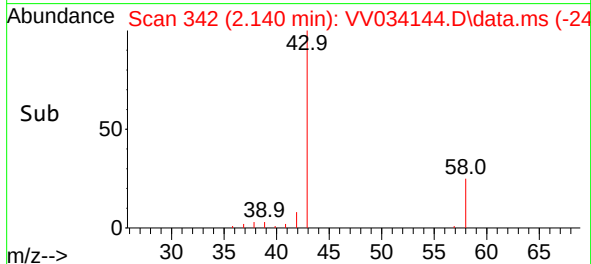
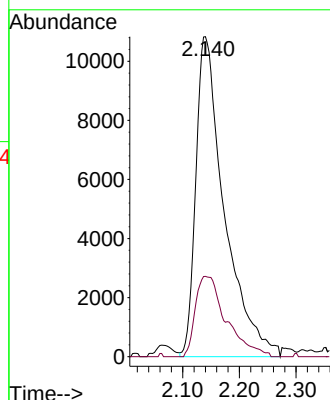
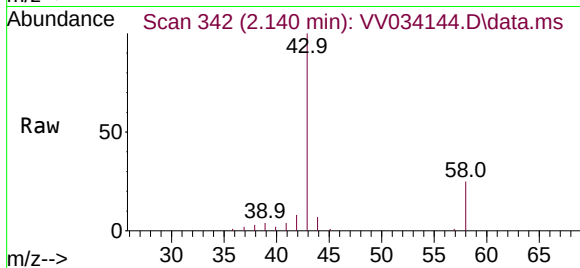
ClientSampleId :

Tgt Ion: 43 Resp: 37849

Ion Ratio Lower Upper

43 100

58 27.2 0.0 13.8#



#14

Carbon disulfide

Concen: 4.540 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV034144.D

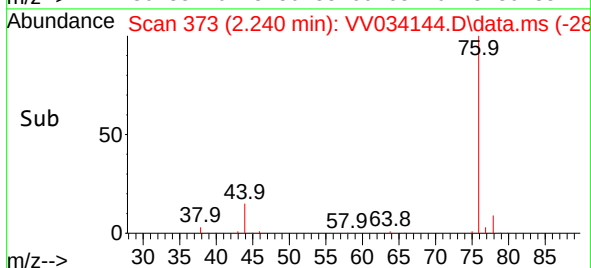
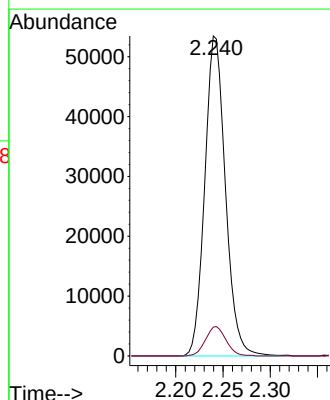
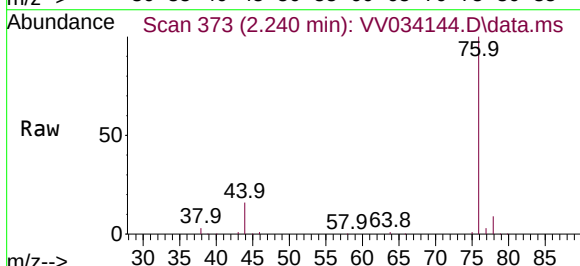
Acq: 13 Feb 2024 09:17

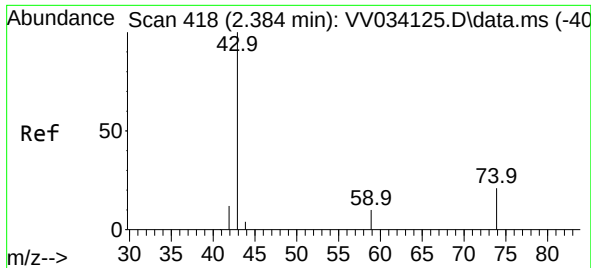
Tgt Ion: 76 Resp: 81207

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

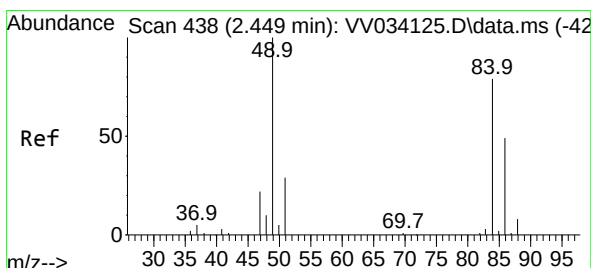
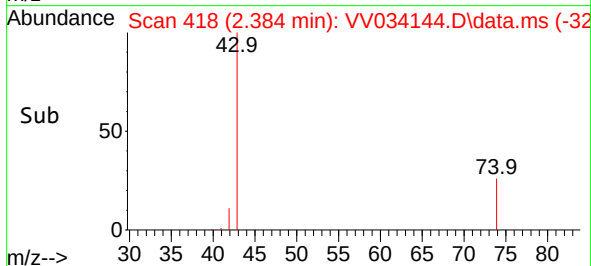
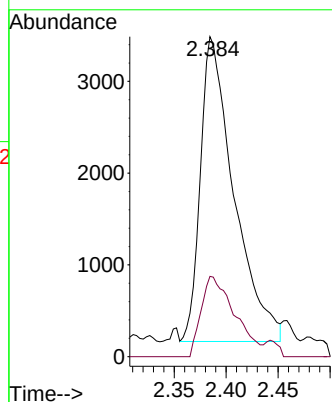
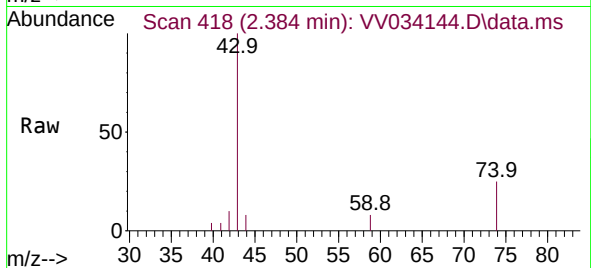




#15
Methyl Acetate
Concen: 4.034 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.000 min
Lab File: VV034144.D
Acq: 13 Feb 2024 09:17

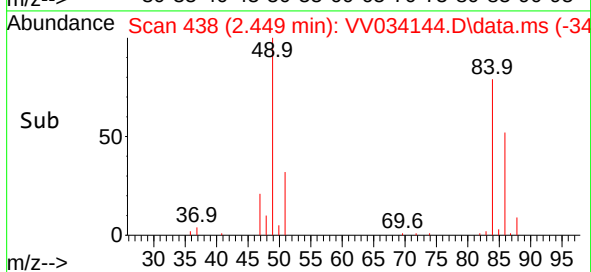
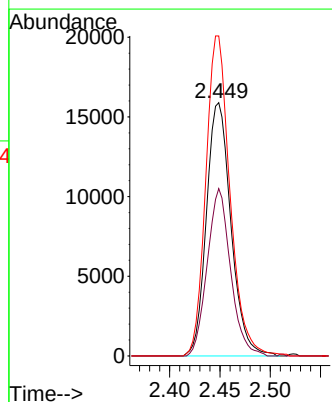
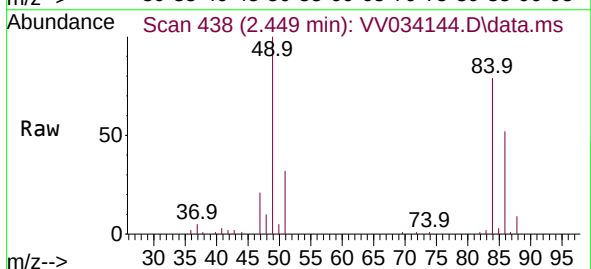
Instrument :
MSVOA_V
ClientSampleId :

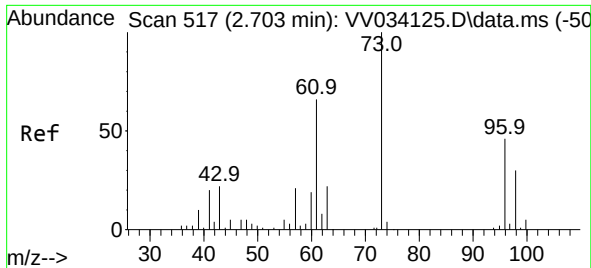
Tgt Ion: 43 Resp: 7455
Ion Ratio Lower Upper
43 100
74 26.2 18.2 27.4



#16
Methylene chloride
Concen: 5.090 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV034144.D
Acq: 13 Feb 2024 09:17

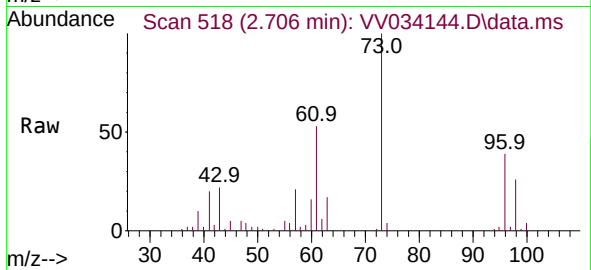
Tgt Ion: 84 Resp: 27001
Ion Ratio Lower Upper
84 100
86 66.1 44.7 83.1
49 126.3 93.7 173.9



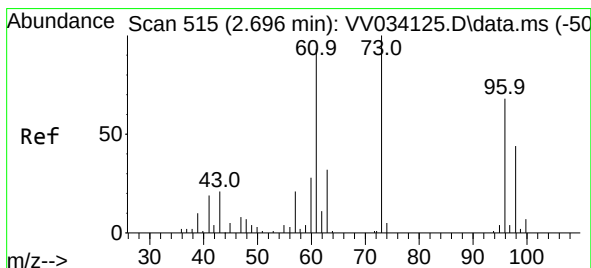
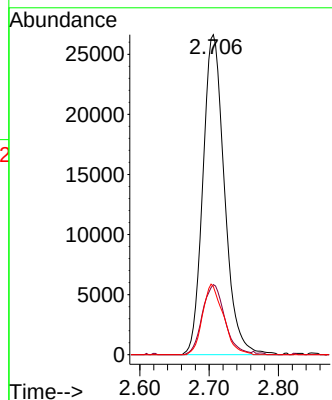
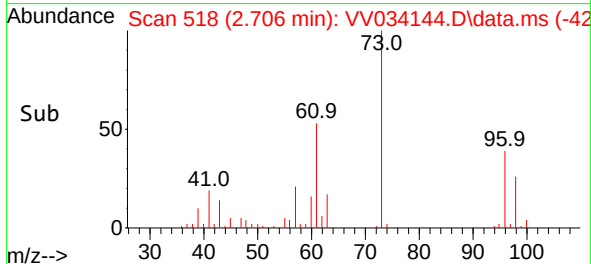


#17
Methyl tert-butyl Ether
Concen: 5.064 ug/L
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV034144.D
Acq: 13 Feb 2024 09:17

Instrument :
MSVOA_V
ClientSampleId :

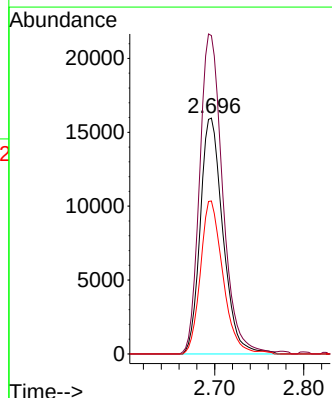
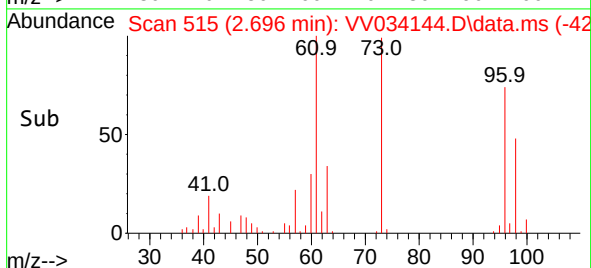
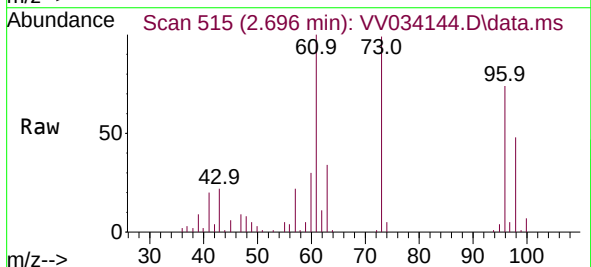


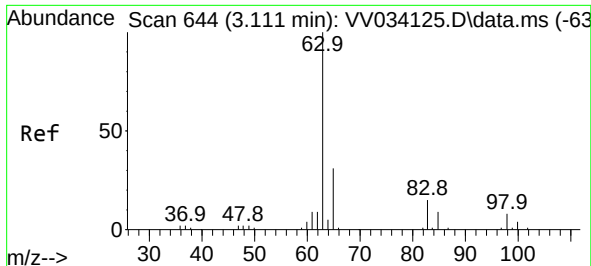
Tgt Ion: 73 Resp: 57520
Ion Ratio Lower Upper
73 100
43 23.0 17.7 26.5
57 21.4 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 5.029 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV034144.D
Acq: 13 Feb 2024 09:17

Tgt Ion: 96 Resp: 28322
Ion Ratio Lower Upper
96 100
61 135.1 97.6 181.4
98 64.9 44.4 82.5





#19

1,1-Dichloroethane

Concen: 5.062 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV034144.D

Acq: 13 Feb 2024 09:17

Instrument :

MSVOA_V

ClientSampleId :

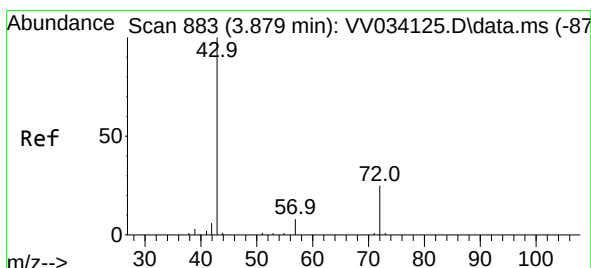
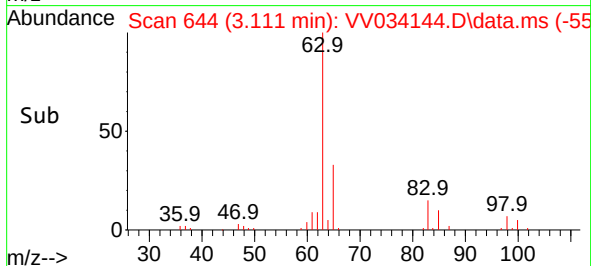
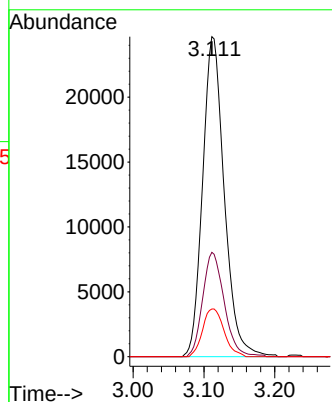
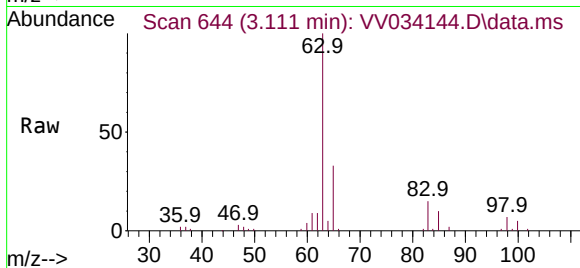
Tgt Ion: 63 Resp: 52377

Ion Ratio Lower Upper

63 100

65 32.6 20.8 38.6

83 14.9 9.4 17.4



#21

2-Butanone

Concen: 44.899 ug/L

RT: 3.889 min Scan# 886

Delta R.T. 0.010 min

Lab File: VV034144.D

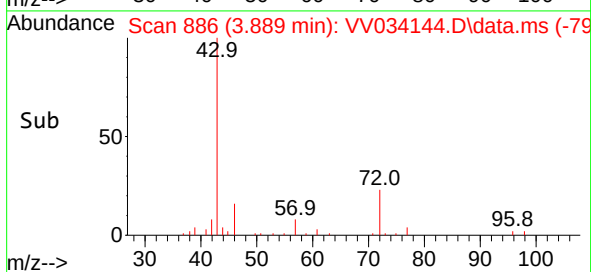
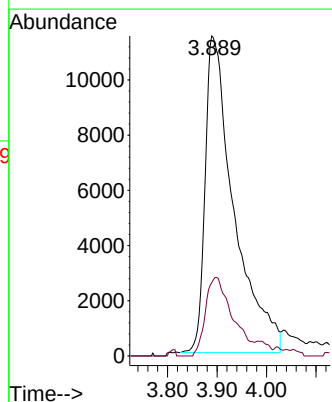
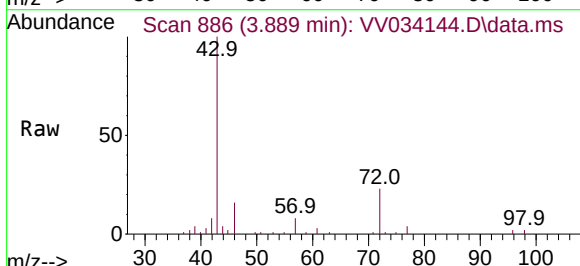
Acq: 13 Feb 2024 09:17

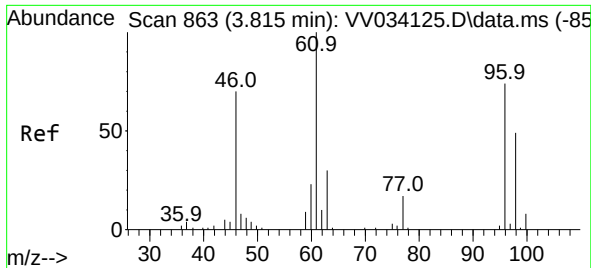
Tgt Ion: 43 Resp: 46337

Ion Ratio Lower Upper

43 100

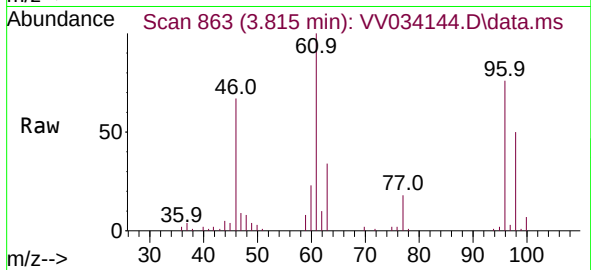
72 23.4 4.0 11.9#





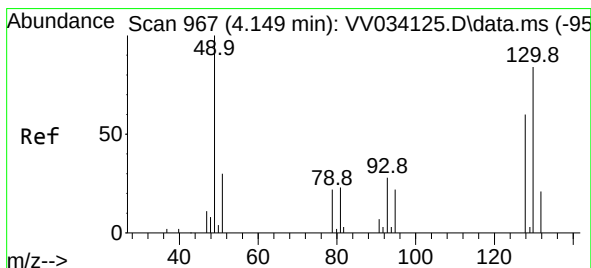
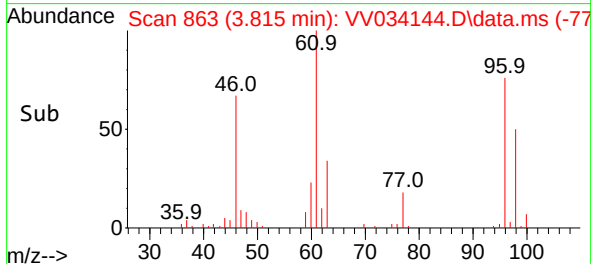
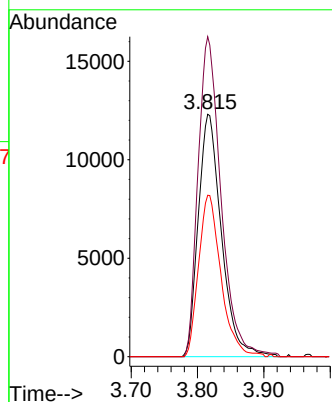
#22
 cis-1,2-Dichloroethene
 Concen: 4.671 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV034144.D
 Acq: 13 Feb 2024 09:17

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 29842

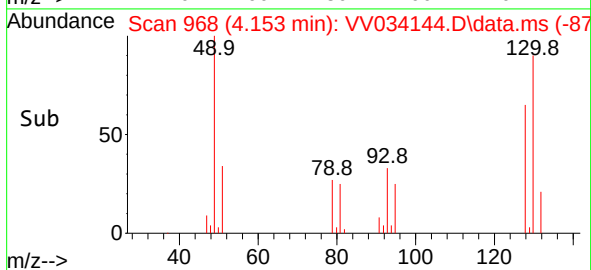
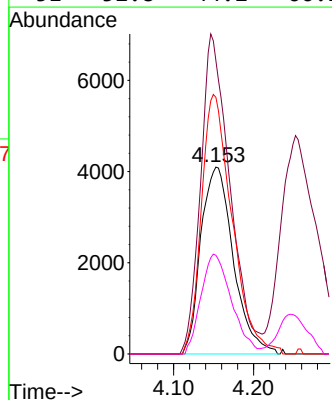
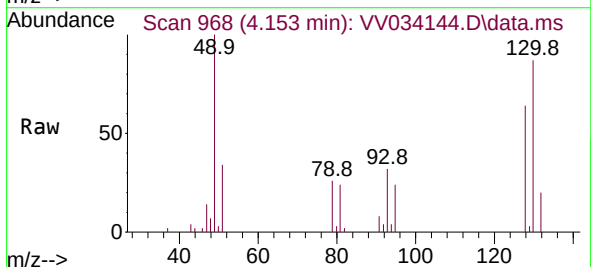
Ion	Ratio	Lower	Upper
96	100		
61	132.0	90.3	167.7
98	66.6	43.2	80.2

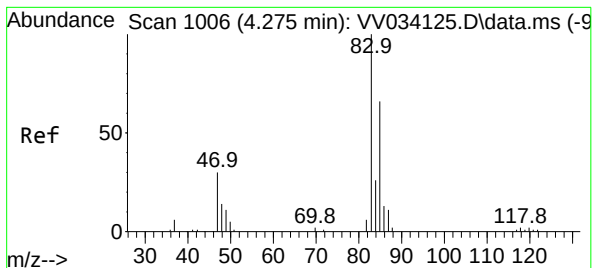


#23
 Bromochloromethane
 Concen: 5.201 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.003 min
 Lab File: VV034144.D
 Acq: 13 Feb 2024 09:17

Tgt Ion: 128 Resp: 11552

Ion	Ratio	Lower	Upper
128	100		
49	157.1	120.5	223.7
130	137.4	93.4	173.4
51	52.8	44.2	66.2





#25

Chloroform

Concen: 5.226 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VV034144.D

Acq: 13 Feb 2024 09:17

Instrument :

MSVOA_V

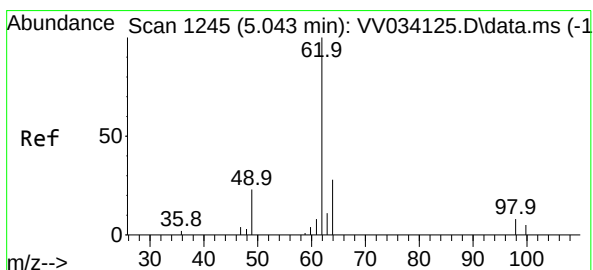
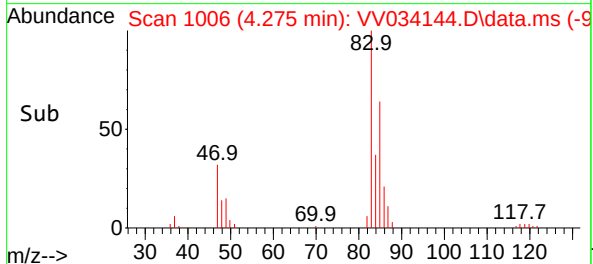
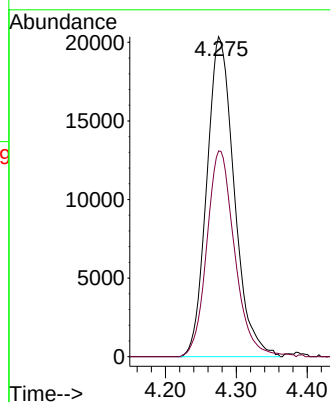
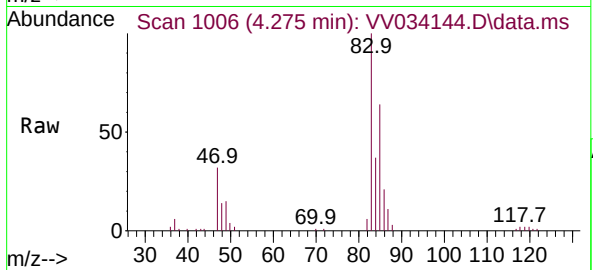
ClientSampleId :

Tgt Ion: 83 Resp: 54661

Ion Ratio Lower Upper

83 100

85 64.3 47.5 88.1



#27

1,2-Dichloroethane

Concen: 5.278 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.000 min

Lab File: VV034144.D

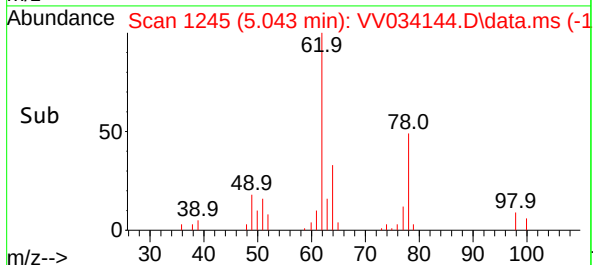
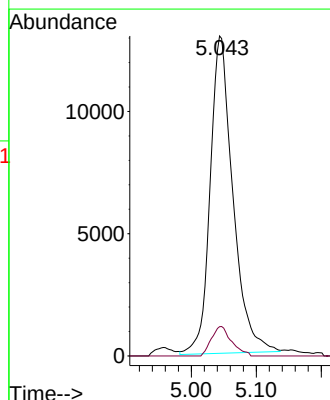
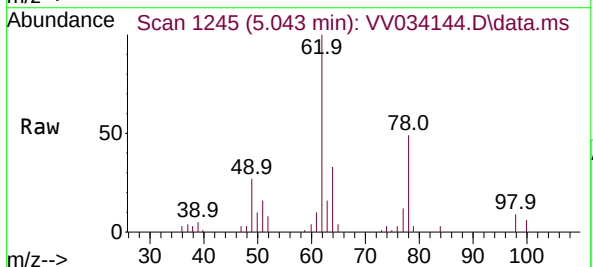
Acq: 13 Feb 2024 09:17

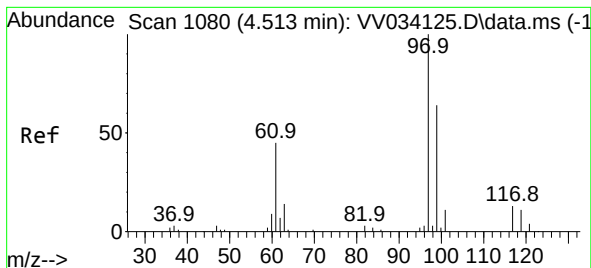
Tgt Ion: 62 Resp: 31614

Ion Ratio Lower Upper

62 100

98 9.1 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.401 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VV034144.D

Acq: 13 Feb 2024 09:17

Instrument :

MSVOA_V

ClientSampleId :

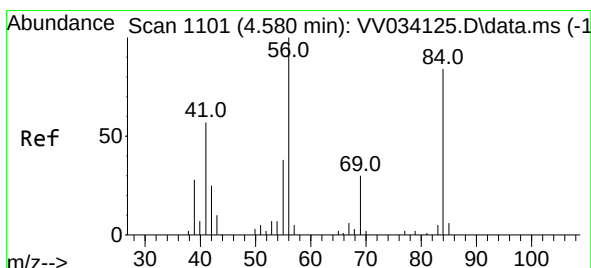
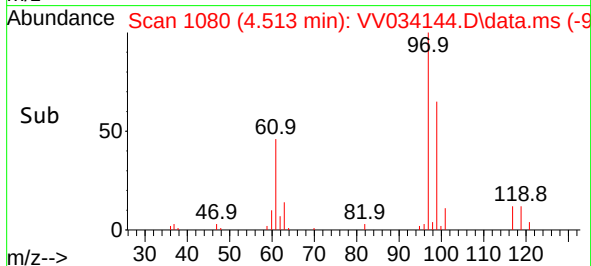
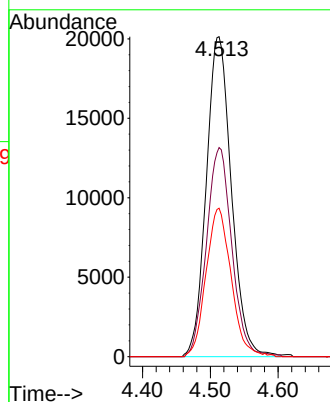
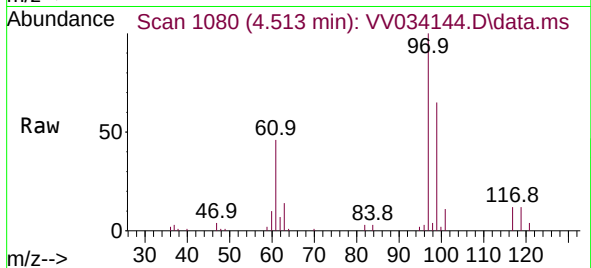
Tgt Ion: 97 Resp: 51867

Ion Ratio Lower Upper

97 100

99 66.2 50.6 75.8

61 46.4 36.8 55.2



#30

Cyclohexane

Concen: 4.867 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV034144.D

Acq: 13 Feb 2024 09:17

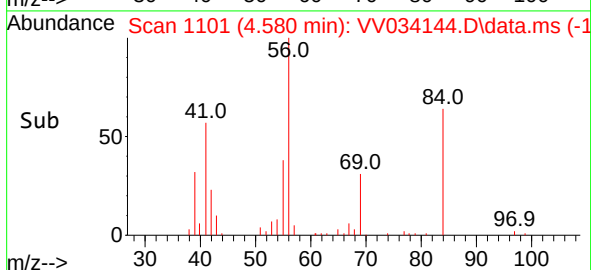
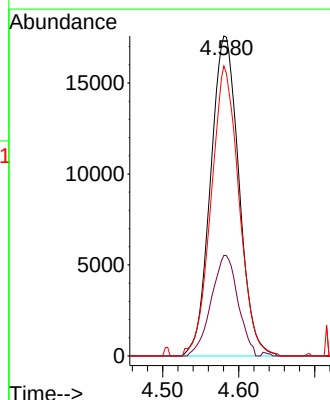
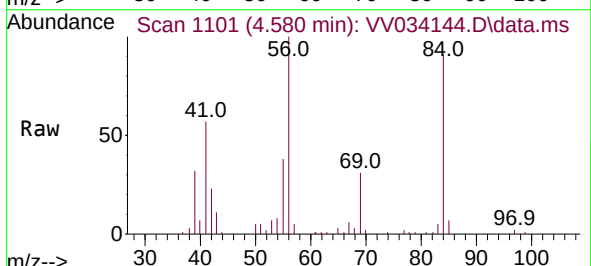
Tgt Ion: 56 Resp: 45460

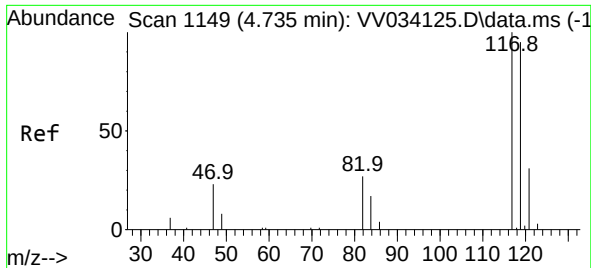
Ion Ratio Lower Upper

56 100

69 29.7 24.2 36.2

84 89.2 70.0 105.0

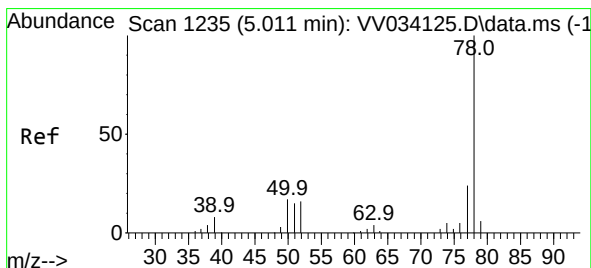
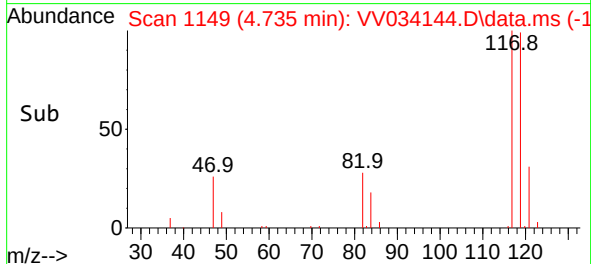
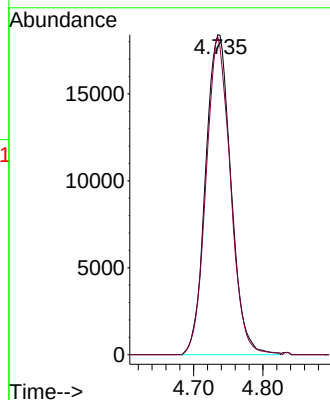
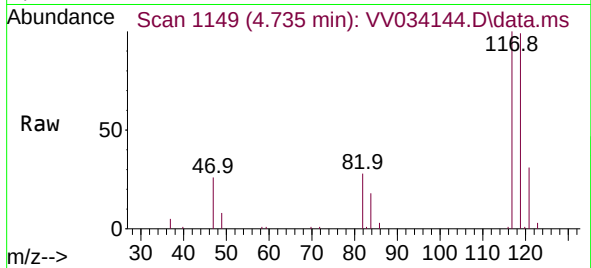




#31
Carbon tetrachloride
Concen: 5.570 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV034144.D
Acq: 13 Feb 2024 09:17

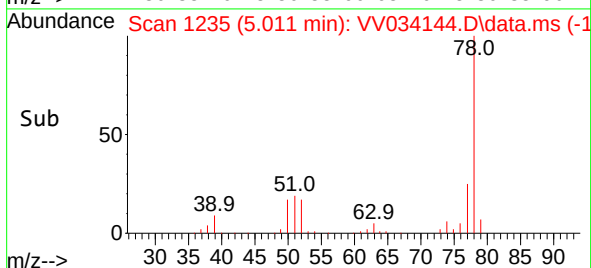
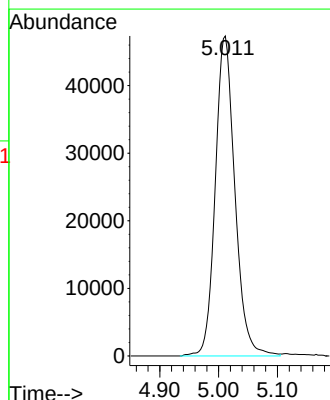
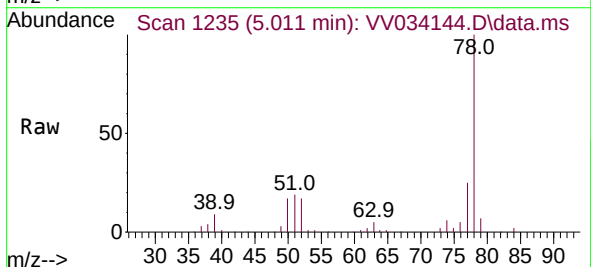
Instrument :
MSVOA_V
ClientSampleId :

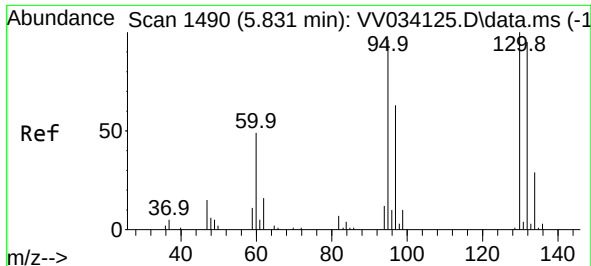
Tgt Ion:117 Resp: 46800
Ion Ratio Lower Upper
117 100
119 95.6 76.1 114.1



#33
Benzene
Concen: 5.115 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV034144.D
Acq: 13 Feb 2024 09:17

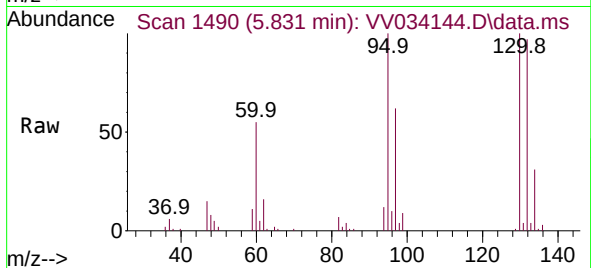
Tgt Ion: 78 Resp: 109735



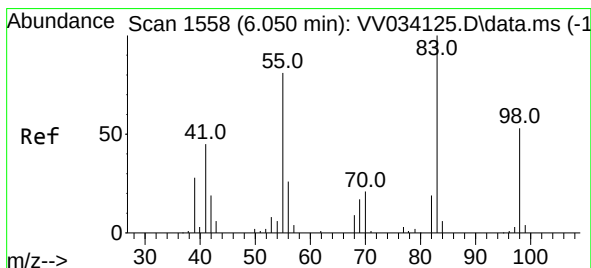
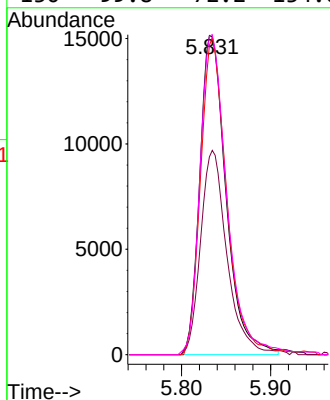
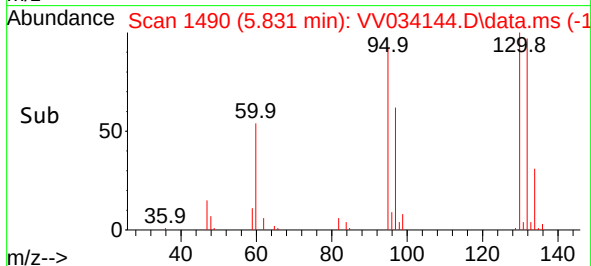


#34
Trichloroethene
Concen: 4.999 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV034144.D
Acq: 13 Feb 2024 09:17

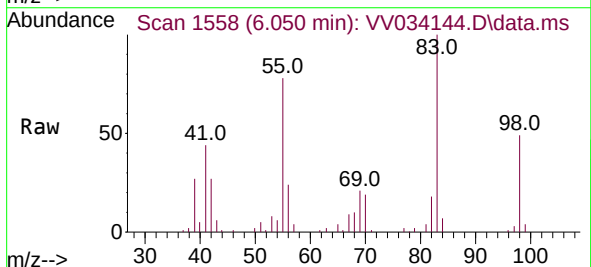
Instrument :
MSVOA_V
ClientSampleId :



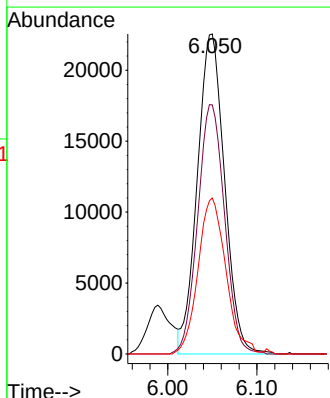
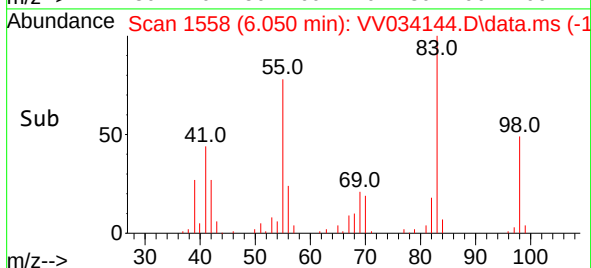
Tgt Ion: 95 Resp: 31041
Ion Ratio Lower Upper
95 100
97 62.0 45.1 83.7
132 96.9 66.0 122.6
130 99.8 72.2 134.0

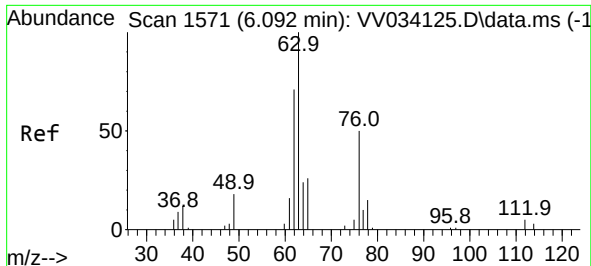


#35
Methylcyclohexane
Concen: 4.926 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV034144.D
Acq: 13 Feb 2024 09:17



Tgt Ion: 83 Resp: 48010
Ion Ratio Lower Upper
83 100
55 76.8 63.5 95.3
98 49.8 39.0 58.4





#37

1,2-Dichloropropane

Concen: 5.064 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034144.D

Acq: 13 Feb 2024 09:17

Instrument :

MSVOA_V

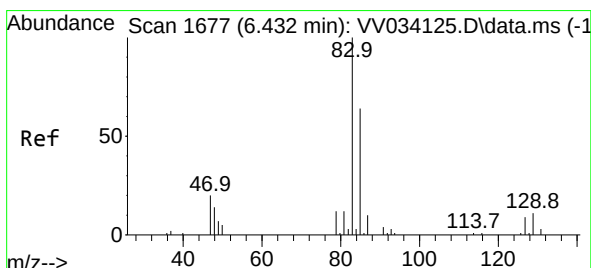
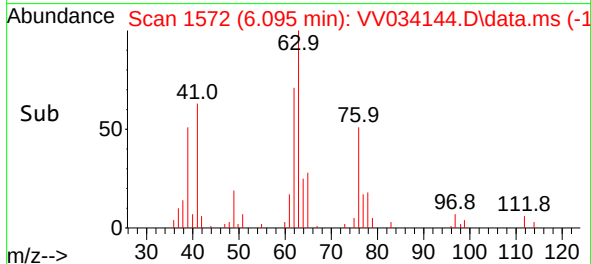
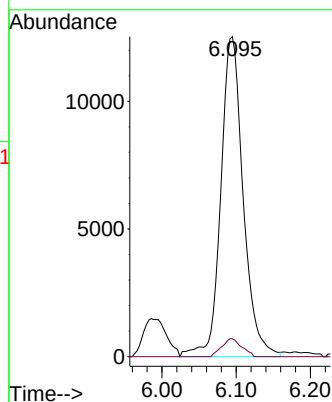
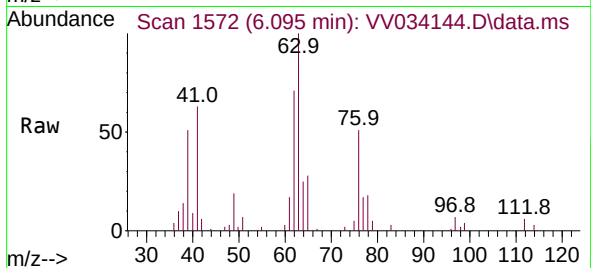
ClientSampleId :

Tgt Ion: 63 Resp: 26317

Ion Ratio Lower Upper

63 100

112 5.0 3.4 5.0



#38

Bromodichloromethane

Concen: 5.270 ug/L

RT: 6.433 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VV034144.D

Acq: 13 Feb 2024 09:17

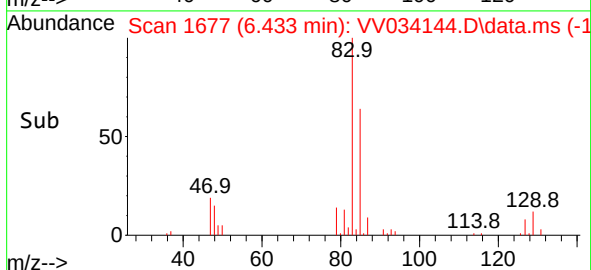
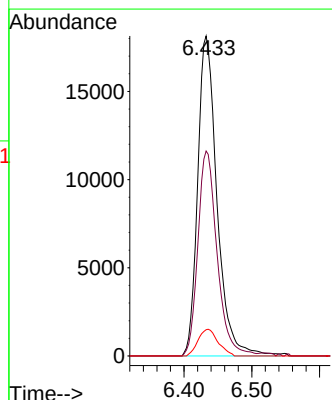
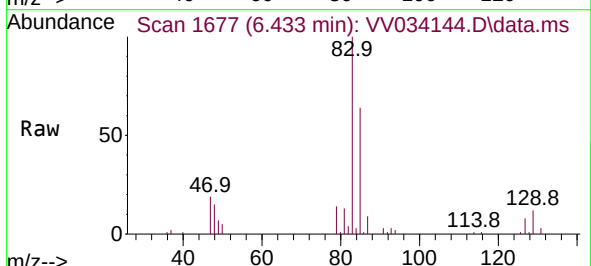
Tgt Ion: 83 Resp: 35952

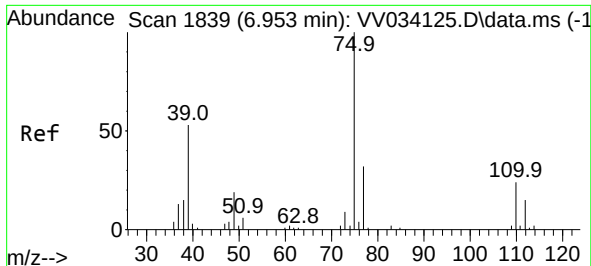
Ion Ratio Lower Upper

83 100

85 64.1 45.4 84.2

127 8.2 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 5.063 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.000 min

Lab File: VV034144.D

Acq: 13 Feb 2024 09:17

Instrument :

MSVOA_V

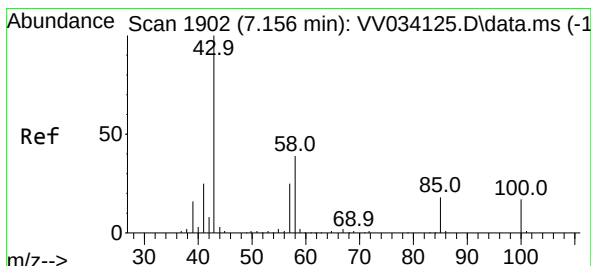
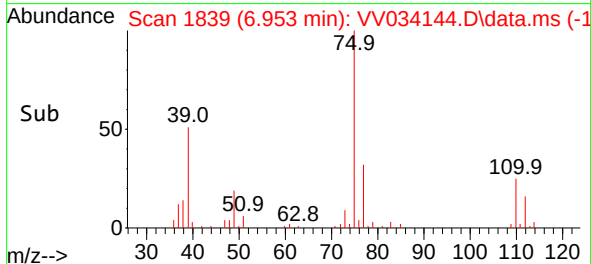
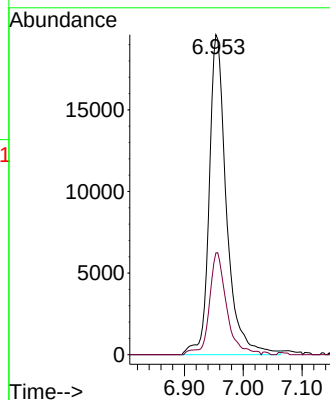
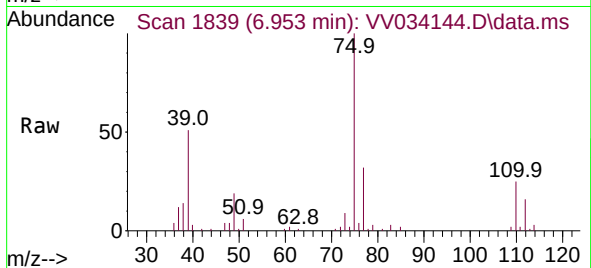
ClientSampleId :

Tgt Ion: 75 Resp: 40037

Ion Ratio Lower Upper

75 100

77 31.8 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 48.088 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VV034144.D

Acq: 13 Feb 2024 09:17

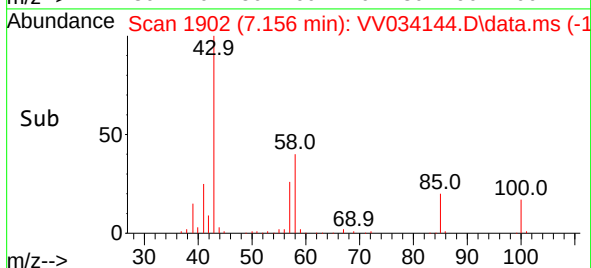
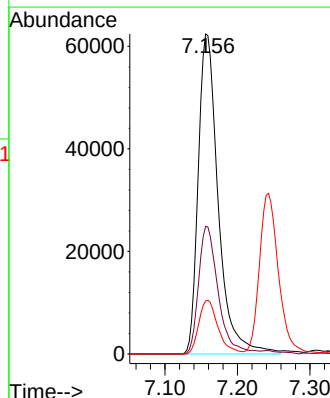
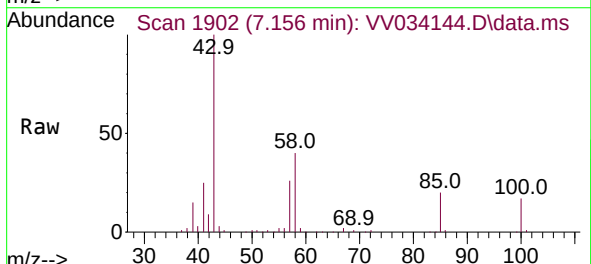
Tgt Ion: 43 Resp: 119670

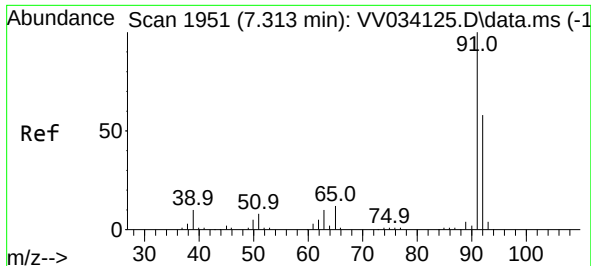
Ion Ratio Lower Upper

43 100

58 39.0 30.2 45.2

100 16.1 12.1 18.1





#42

Toluene

Concen: 5.256 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV034144.D

Acq: 13 Feb 2024 09:17

Instrument :

MSVOA_V

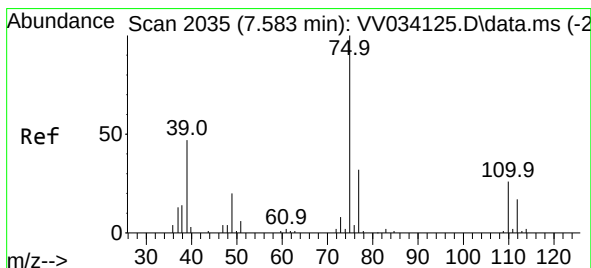
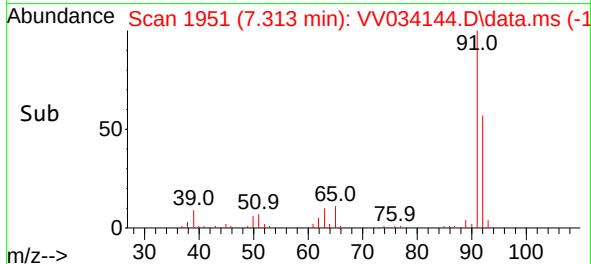
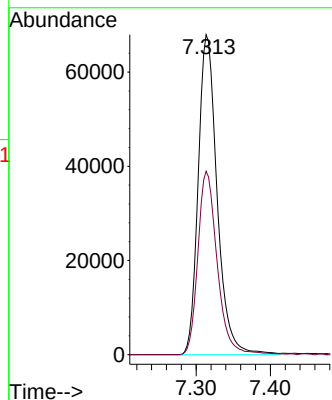
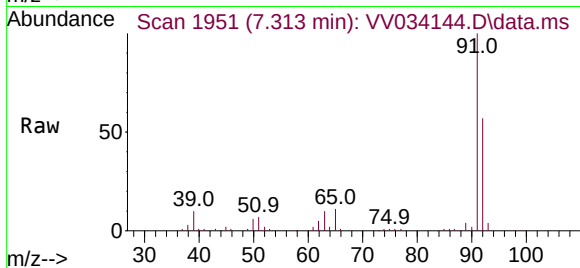
ClientSampleId :

Tgt Ion: 91 Resp: 120516

Ion Ratio Lower Upper

91 100

92 57.3 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 5.252 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.003 min

Lab File: VV034144.D

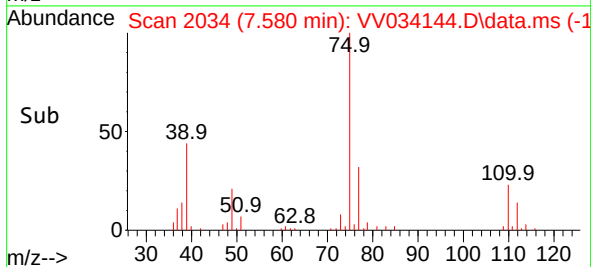
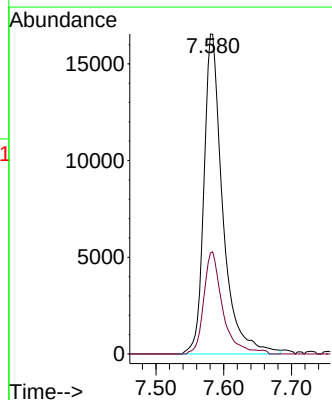
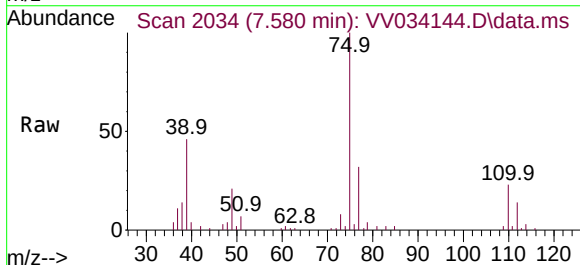
Acq: 13 Feb 2024 09:17

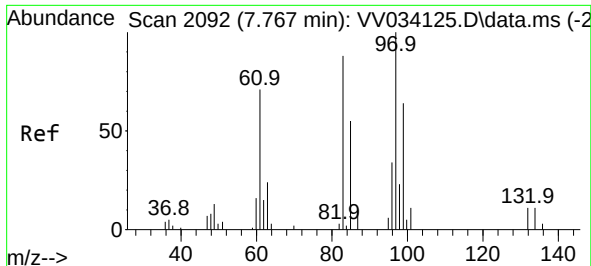
Tgt Ion: 75 Resp: 31887

Ion Ratio Lower Upper

75 100

77 31.6 22.2 41.2



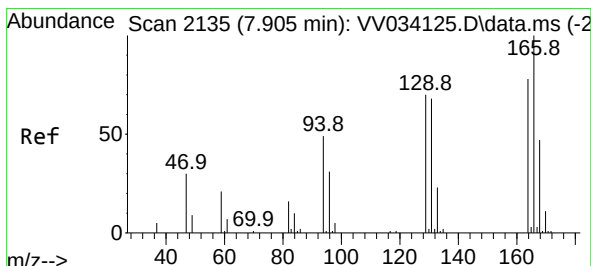
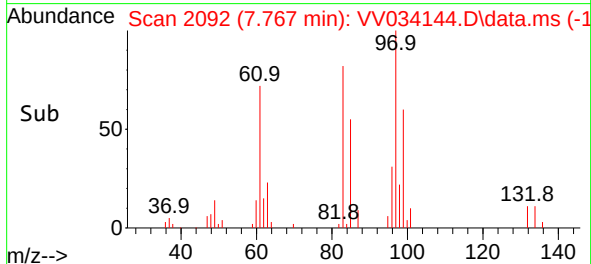
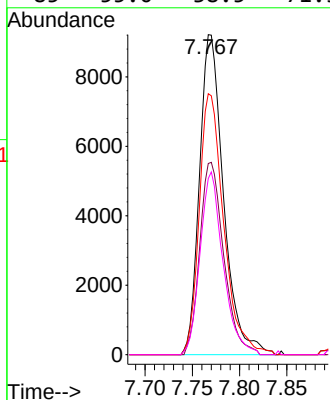
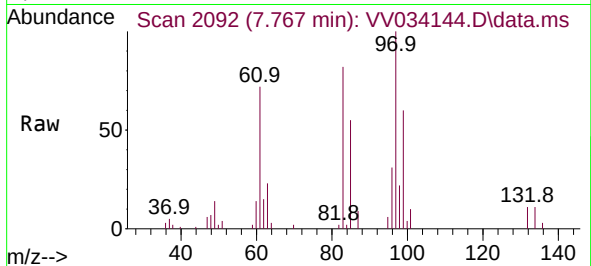


#45
1,1,2-Trichloroethane
Concen: 5.086 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV034144.D
Acq: 13 Feb 2024 09:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 16322

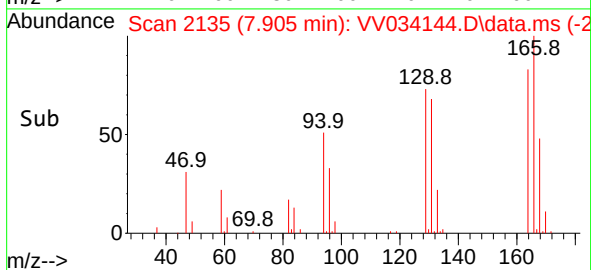
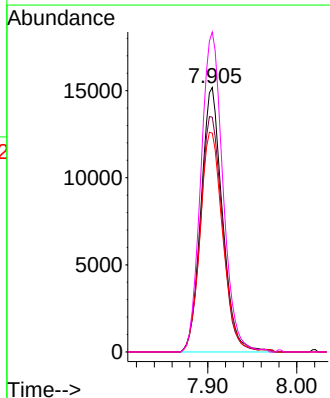
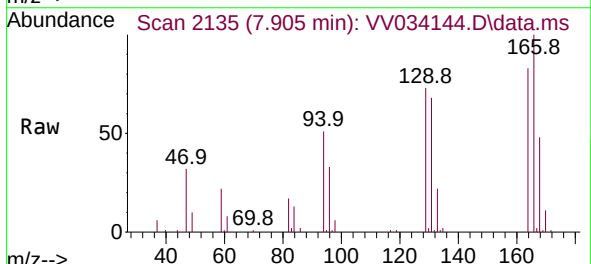
Ion	Ratio	Lower	Upper
97	100		
99	59.8	45.6	84.6
83	81.6	62.3	115.7
85	55.0	38.5	71.5

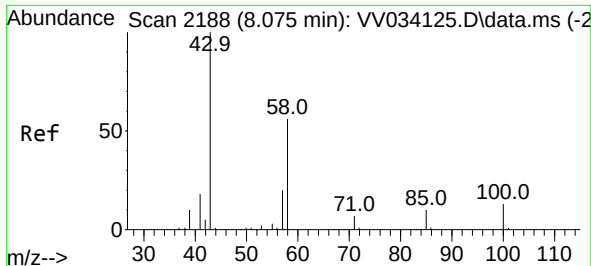


#47
Tetrachloroethene
Concen: 5.047 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV034144.D
Acq: 13 Feb 2024 09:17

Tgt Ion: 164 Resp: 25464

Ion	Ratio	Lower	Upper
164	100		
129	88.8	67.8	125.8
131	82.8	63.0	117.0
166	121.0	92.6	172.0

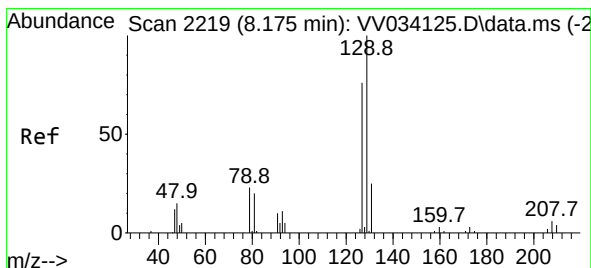
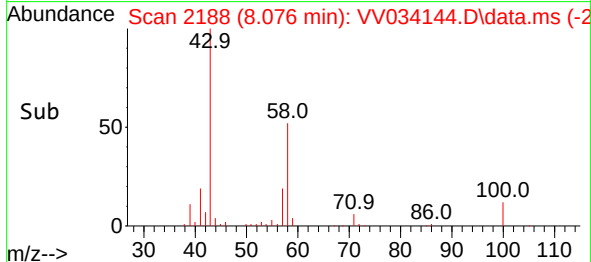
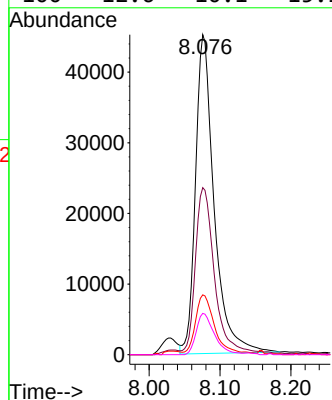
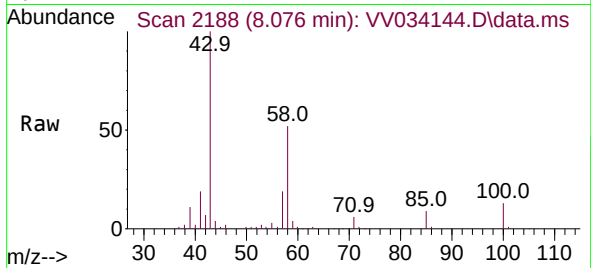




#48
2-Hexanone
Concen: 46.991 ug/L
RT: 8.076 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VV034144.D
Acq: 13 Feb 2024 09:17

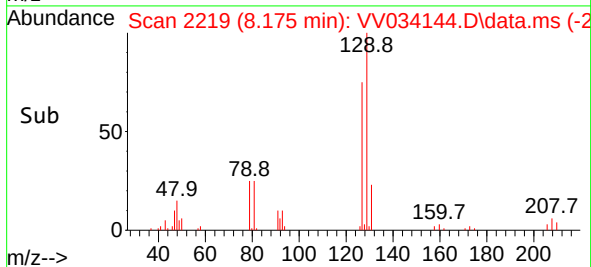
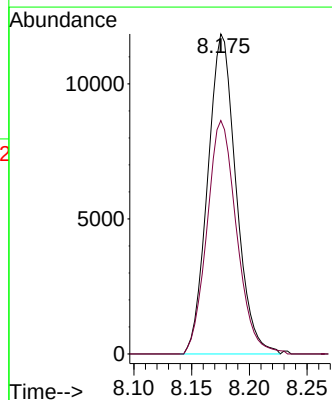
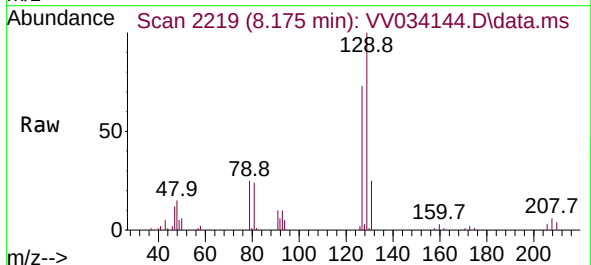
Instrument :
MSVOA_V
ClientSampleId :

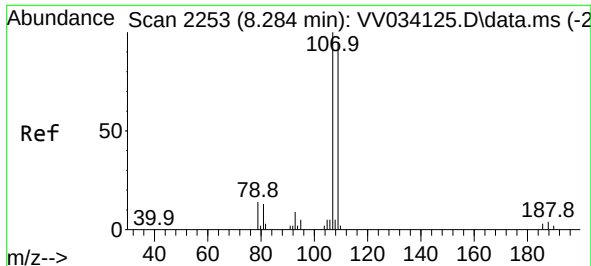
Tgt Ion: 43 Resp: 82429
Ion Ratio Lower Upper
43 100
58 53.8 42.6 64.0
57 19.7 15.5 23.3
100 12.6 10.1 15.1



#49
Dibromochloromethane
Concen: 5.307 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV034144.D
Acq: 13 Feb 2024 09:17

Tgt Ion: 129 Resp: 20239
Ion Ratio Lower Upper
129 100
127 72.9 53.5 99.5





#50

1,2-Dibromoethane

Concen: 5.176 ug/L

RT: 8.285 min Scan# 21

Delta R.T. 0.000 min

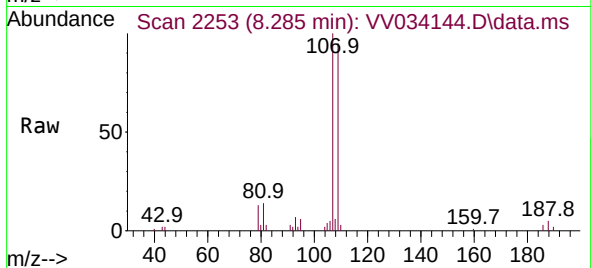
Lab File: VV034144.D

Acq: 13 Feb 2024 09:17

Instrument :

MSVOA_V

ClientSampleId :



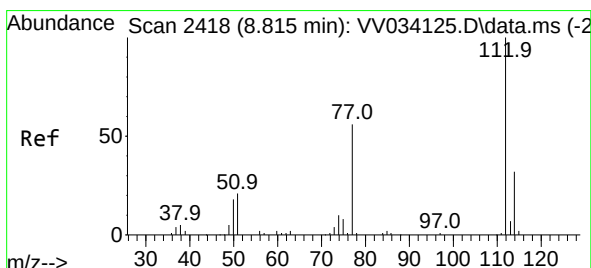
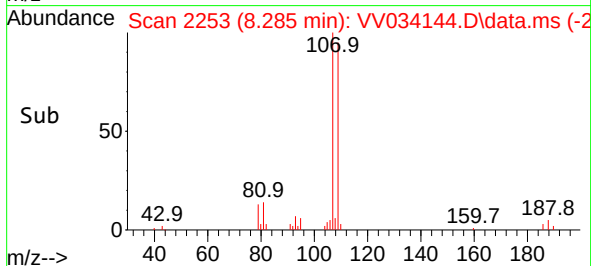
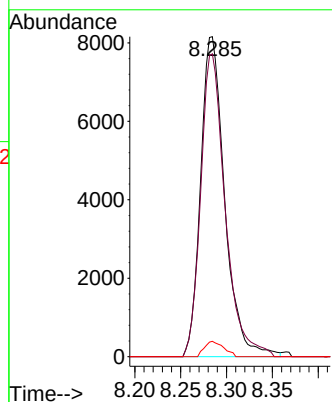
Tgt Ion:107 Resp: 14908

Ion Ratio Lower Upper

107 100

109 94.6 64.5 119.9

188 4.8 2.6 4.0#



#51

Chlorobenzene

Concen: 5.248 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.003 min

Lab File: VV034144.D

Acq: 13 Feb 2024 09:17

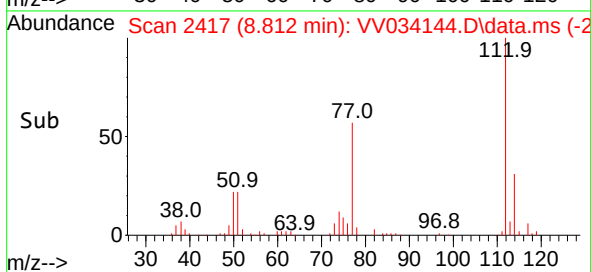
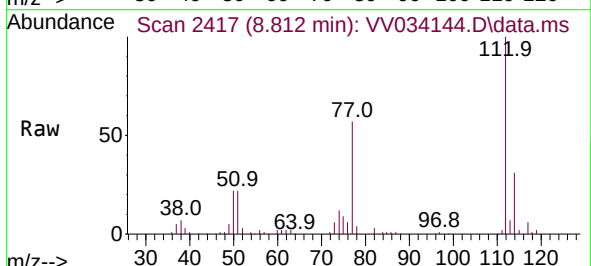
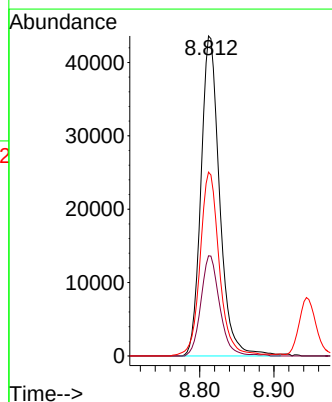
Tgt Ion:112 Resp: 76087

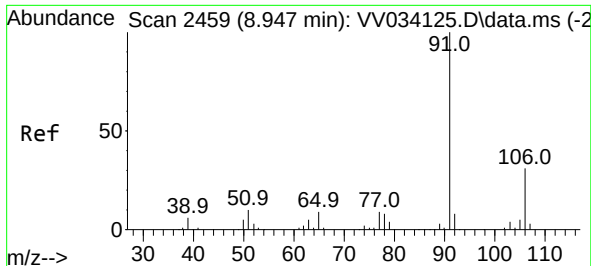
Ion Ratio Lower Upper

112 100

114 31.3 22.5 41.7

77 57.5 48.1 72.1





#52

Ethylbenzene

Concen: 5.168 ug/L

RT: 8.944 min Scan# 2459

Delta R.T. -0.003 min

Lab File: VV034144.D

Acq: 13 Feb 2024 09:17

Instrument :

MSVOA_V

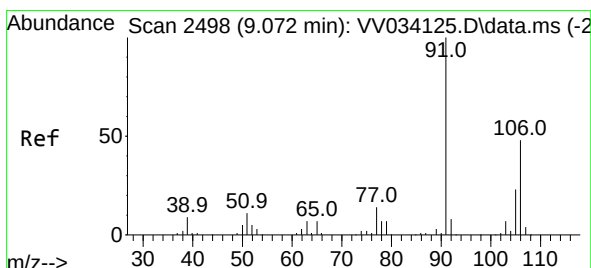
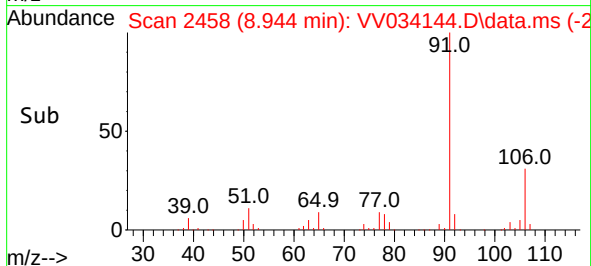
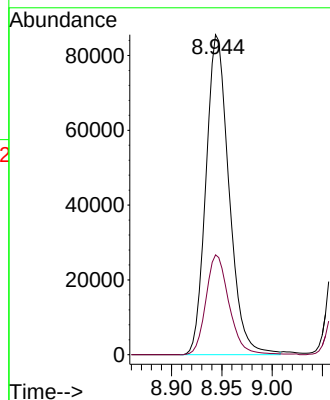
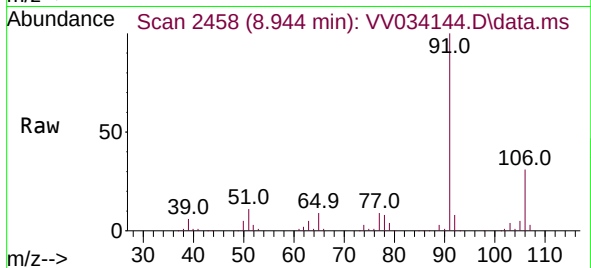
ClientSampleId :

Tgt Ion: 91 Resp: 136409

Ion Ratio Lower Upper

91 100

106 31.2 21.4 39.8



#53

m,p-Xylene

Concen: 5.239 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.000 min

Lab File: VV034144.D

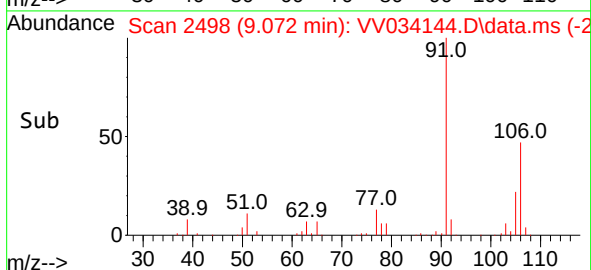
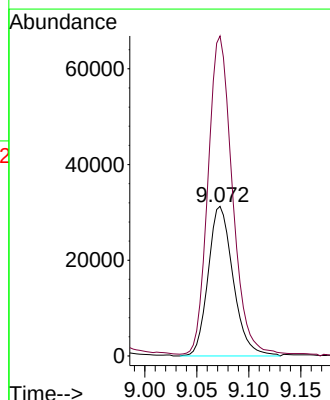
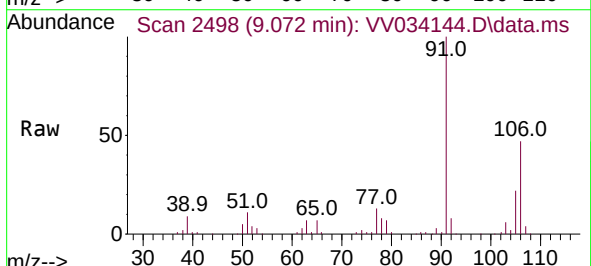
Acq: 13 Feb 2024 09:17

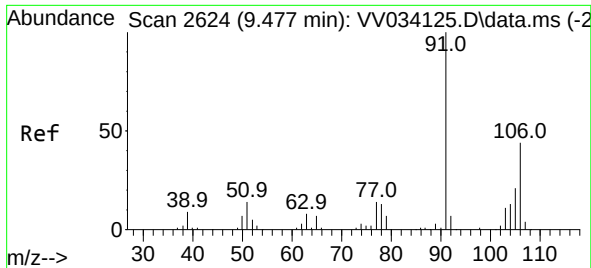
Tgt Ion:106 Resp: 52252

Ion Ratio Lower Upper

106 100

91 213.9 147.5 273.9

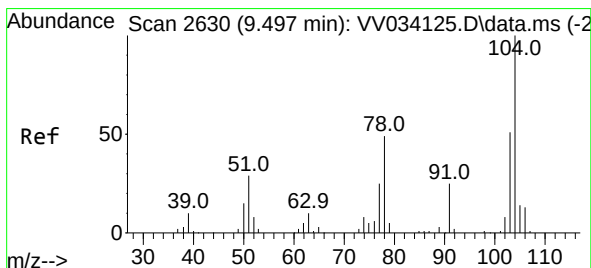
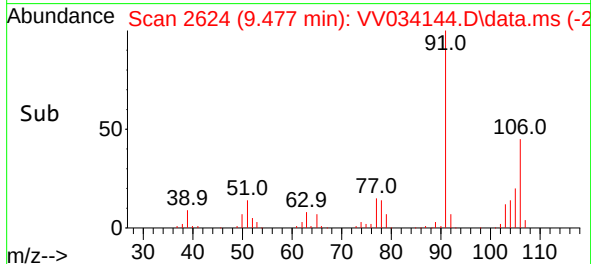
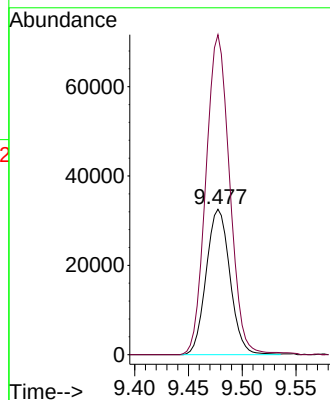
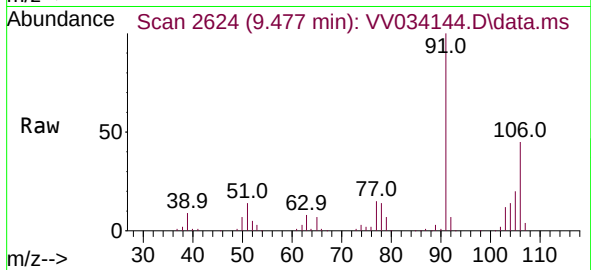




#54
o-Xylene
Concen: 5.220 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034144.D
Acq: 13 Feb 2024 09:17

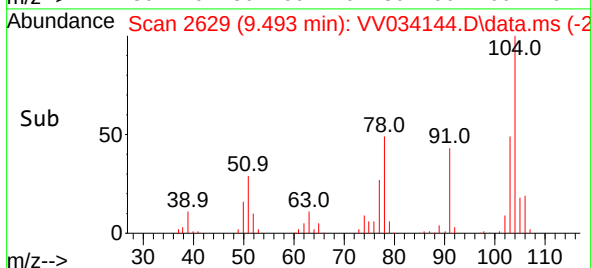
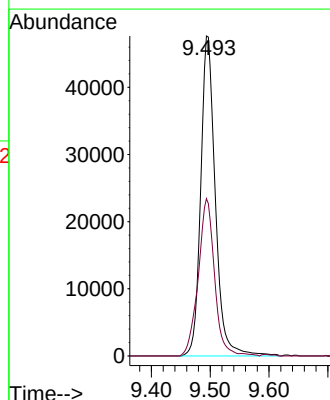
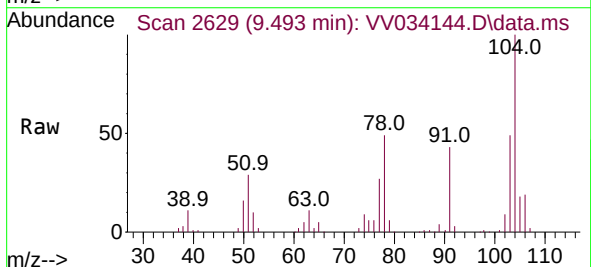
Instrument :
MSVOA_V
ClientSampleId :

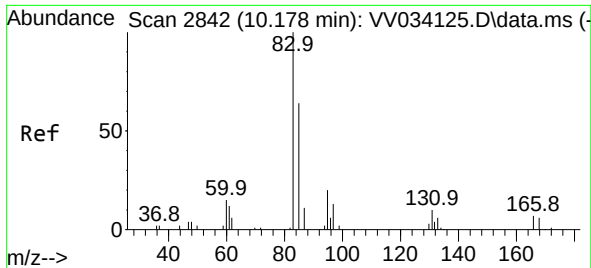
Tgt Ion:106 Resp: 50205
Ion Ratio Lower Upper
106 100
91 220.0 156.2 290.0



#55
Styrene
Concen: 5.350 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.003 min
Lab File: VV034144.D
Acq: 13 Feb 2024 09:17

Tgt Ion:104 Resp: 82379
Ion Ratio Lower Upper
104 100
78 49.1 32.9 61.1

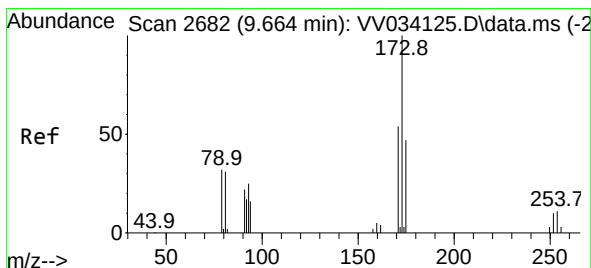
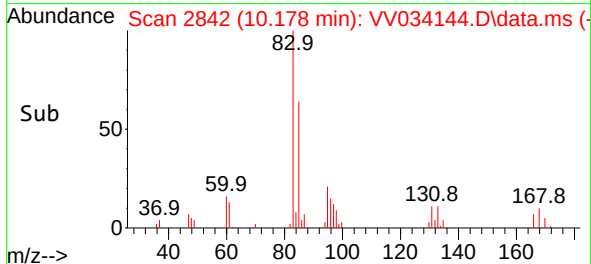
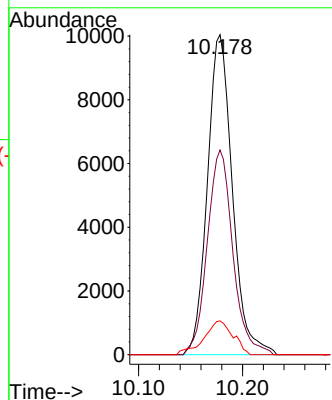
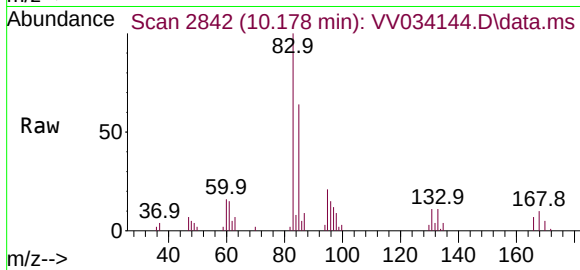




#57
1,1,2,2-Tetrachloroethane
Concen: 4.952 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV034144.D
Acq: 13 Feb 2024 09:17

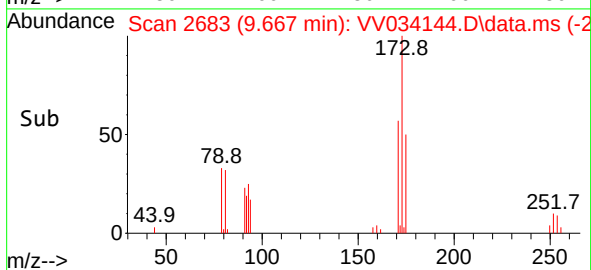
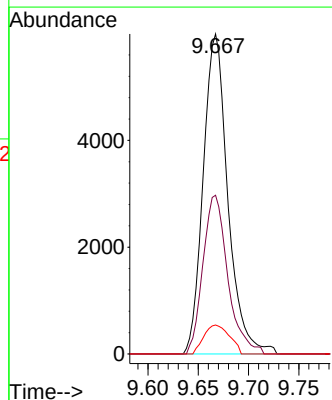
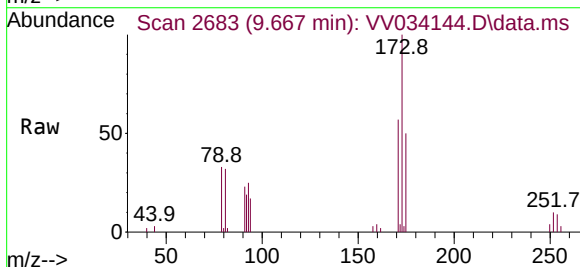
Instrument :
MSVOA_V
ClientSampleId :

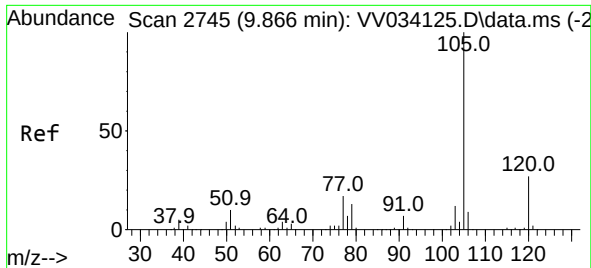
Tgt Ion:	83	Resp:	16771
Ion	Ratio	Lower	Upper
83	100		
85	63.9	46.5	86.3
131	10.5	8.4	12.6



#59
Bromoform
Concen: 5.014 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.003 min
Lab File: VV034144.D
Acq: 13 Feb 2024 09:17

Tgt Ion:	173	Resp:	10228
Ion	Ratio	Lower	Upper
173	100		
175	49.9	38.6	57.8
254	9.4	7.2	10.8

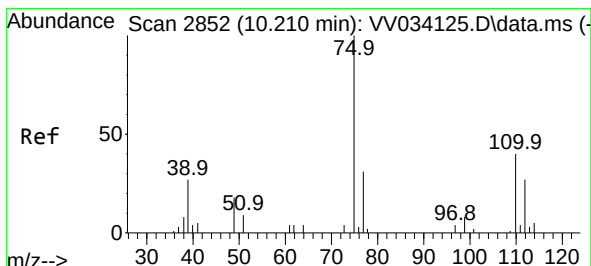
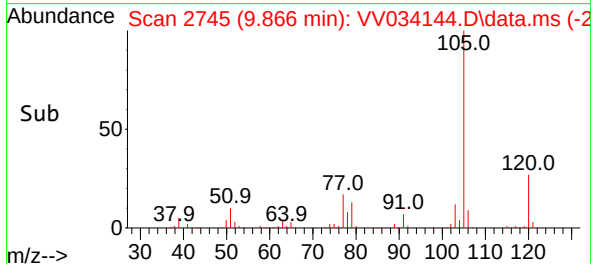
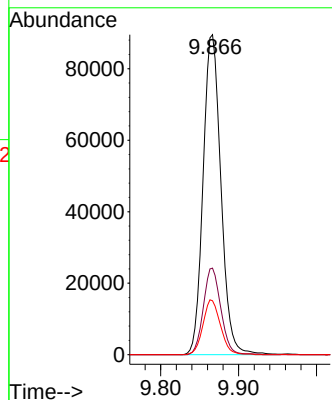
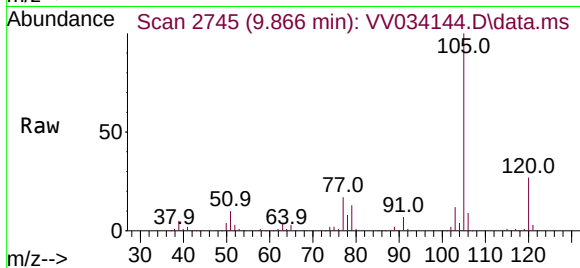




#60
Isopropylbenzene
Concen: 5.195 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034144.D
Acq: 13 Feb 2024 09:17

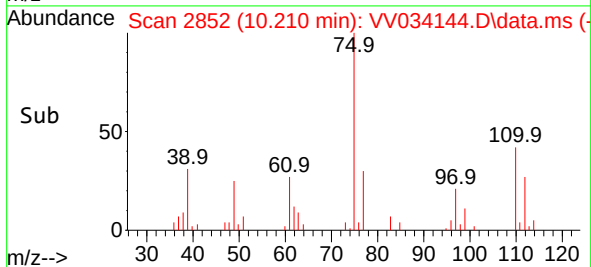
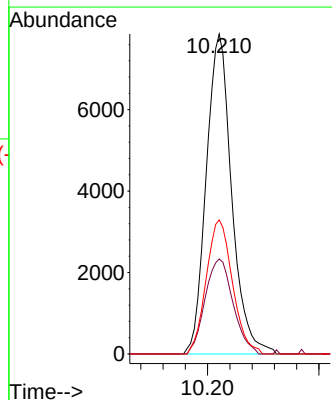
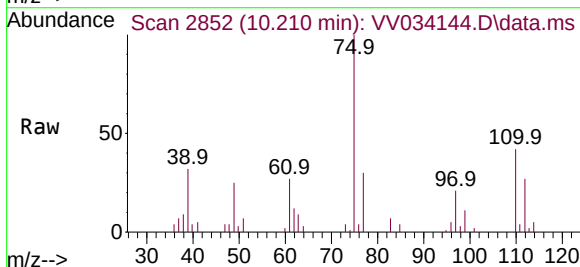
Instrument :
MSVOA_V
ClientSampleId :

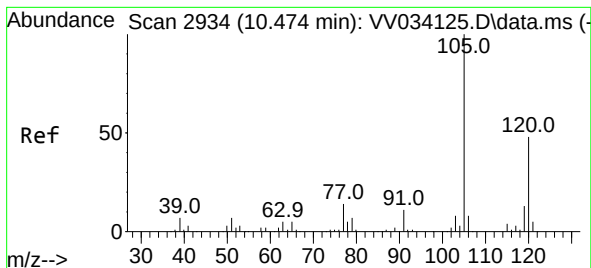
Tgt Ion:105 Resp: 142340
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 16.8 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.895 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV034144.D
Acq: 13 Feb 2024 09:17

Tgt Ion: 75 Resp: 12460
Ion Ratio Lower Upper
75 100
77 32.5 26.9 40.3
110 43.2 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 5.109 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034144.D

Acq: 13 Feb 2024 09:17

Instrument :

MSVOA_V

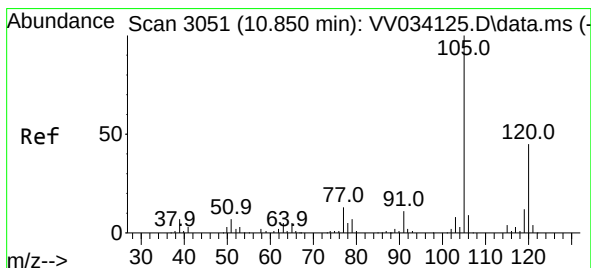
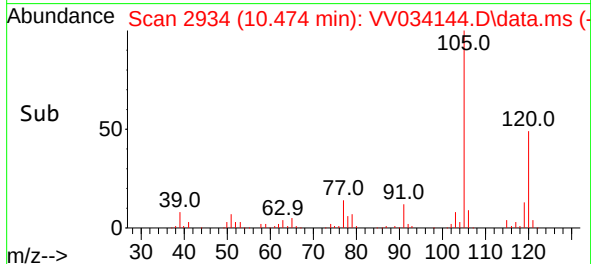
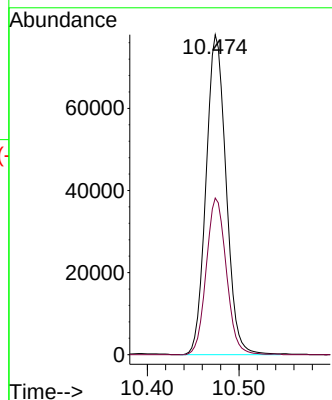
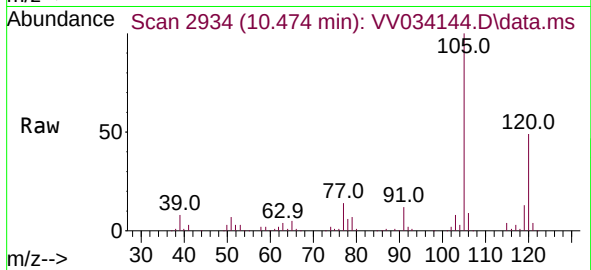
ClientSampleId :

Tgt Ion:105 Resp: 118345

Ion Ratio Lower Upper

105 100

120 49.0 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.162 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034144.D

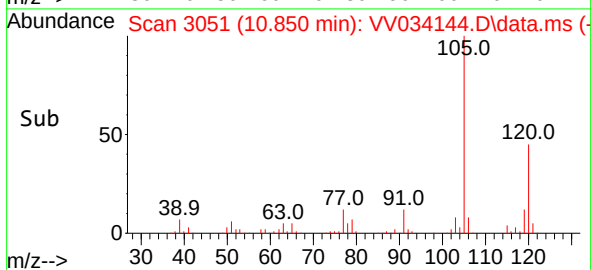
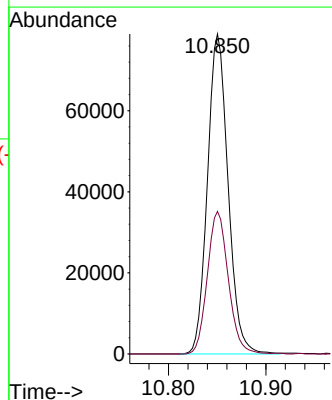
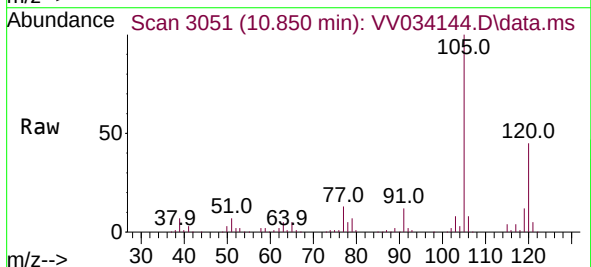
Acq: 13 Feb 2024 09:17

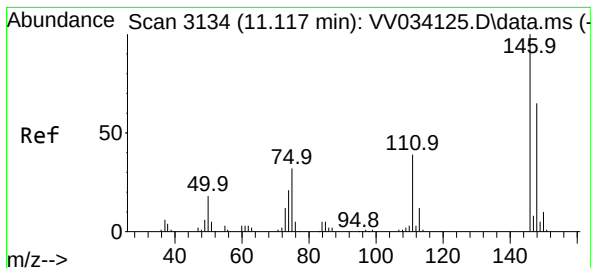
Tgt Ion:105 Resp: 116185

Ion Ratio Lower Upper

105 100

120 45.2 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 5.326 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV034144.D

Acq: 13 Feb 2024 09:17

Instrument :

MSVOA_V

ClientSampleId :

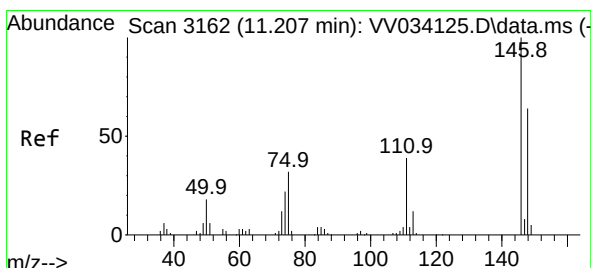
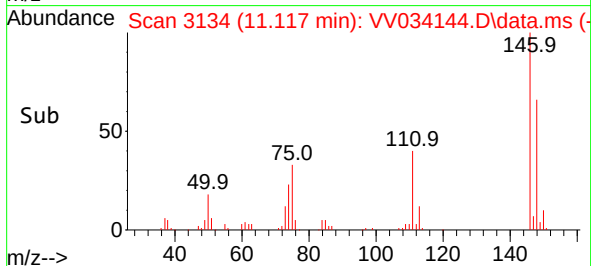
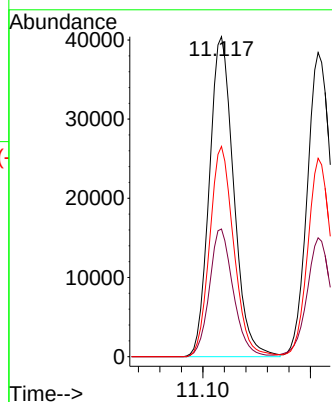
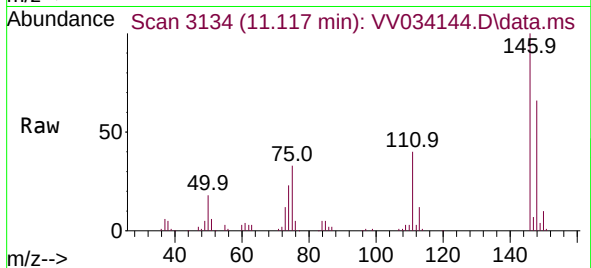
Tgt Ion:146 Resp: 63621

Ion Ratio Lower Upper

146 100

111 39.9 28.5 52.9

148 65.7 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 5.228 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV034144.D

Acq: 13 Feb 2024 09:17

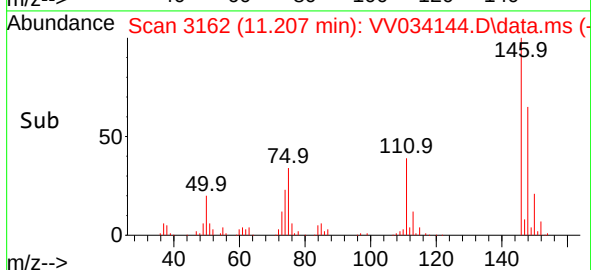
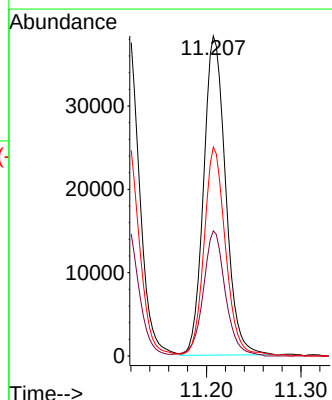
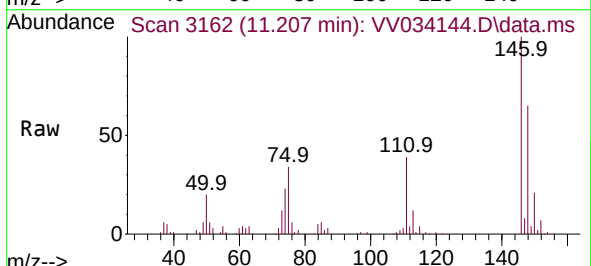
Tgt Ion:146 Resp: 61842

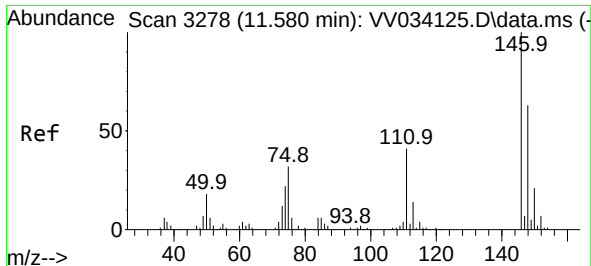
Ion Ratio Lower Upper

146 100

111 39.1 27.6 51.4

148 65.3 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.215 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV034144.D

Acq: 13 Feb 2024 09:17

Instrument :

MSVOA_V

ClientSampleId :

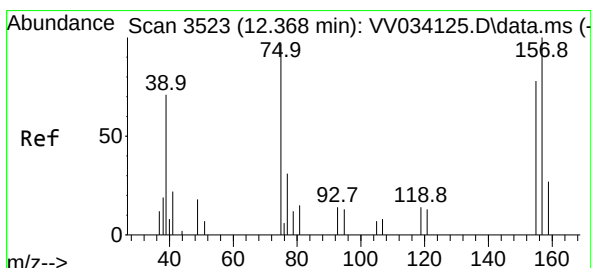
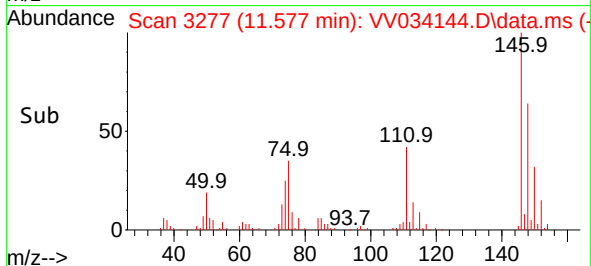
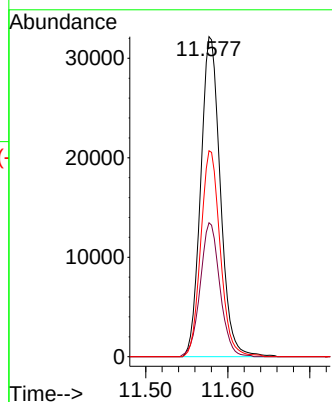
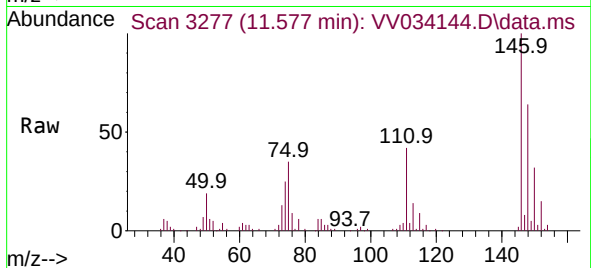
Tgt Ion:146 Resp: 53505

Ion Ratio Lower Upper

146 100

111 41.9 31.2 46.8

148 64.4 49.8 74.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.980 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.003 min

Lab File: VV034144.D

Acq: 13 Feb 2024 09:17

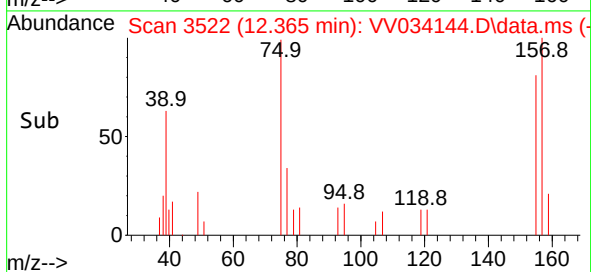
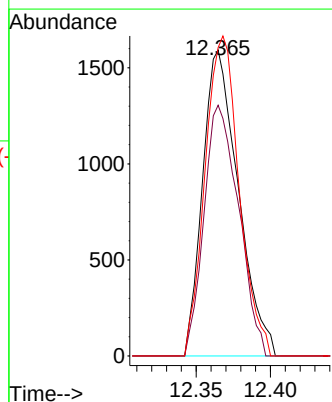
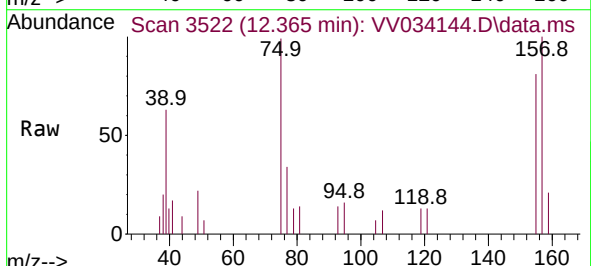
Tgt Ion: 75 Resp: 2657

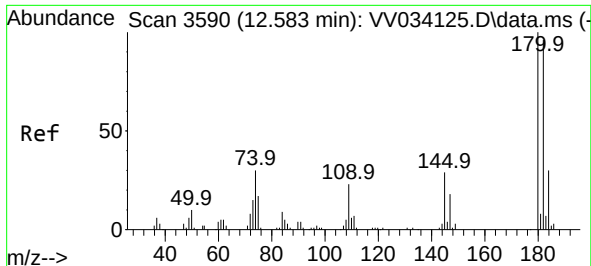
Ion Ratio Lower Upper

75 100

155 81.9 68.9 103.3

157 100.8 84.6 127.0





#69

1,3,5-Trichlorobenzene

Concen: 5.235 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.003 min

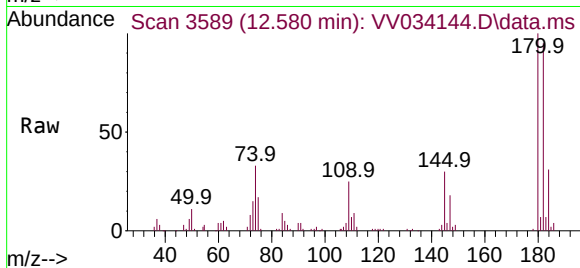
Lab File: VV034144.D

Acq: 13 Feb 2024 09:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 48396

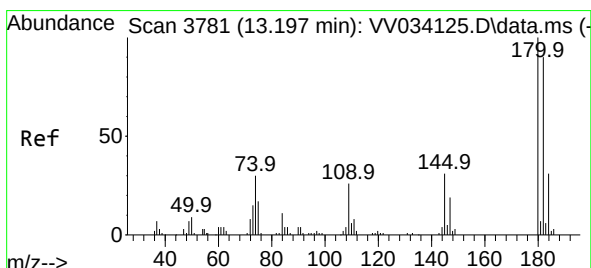
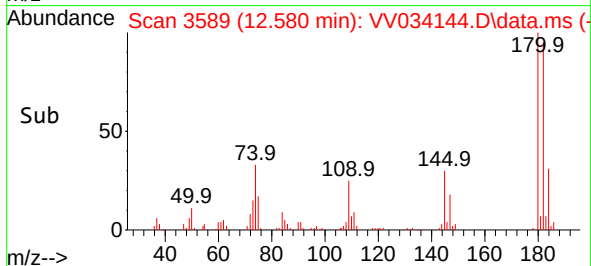
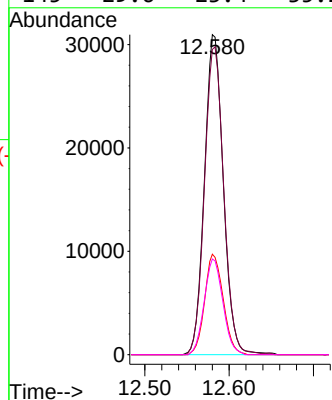
Ion Ratio Lower Upper

180 100

182 97.8 77.0 115.4

184 30.7 23.8 35.6

145 29.6 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 5.095 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034144.D

Acq: 13 Feb 2024 09:17

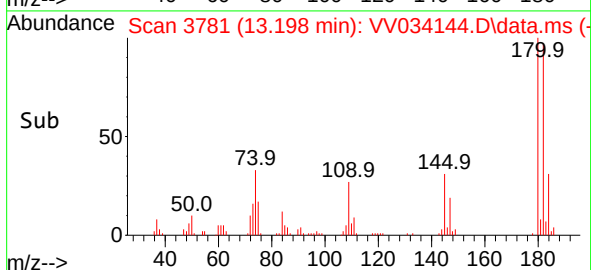
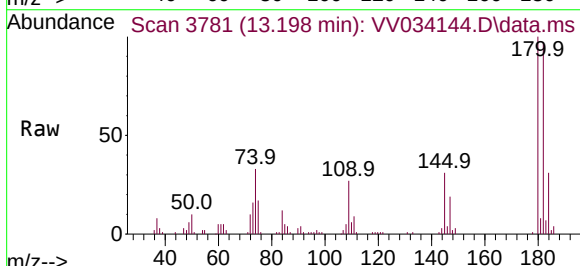
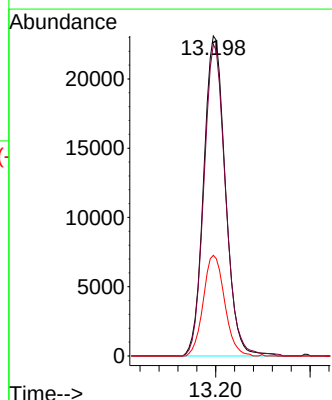
Tgt Ion:180 Resp: 36771

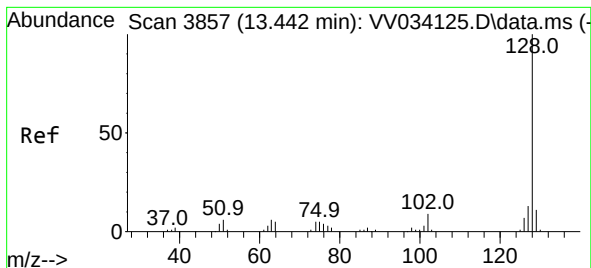
Ion Ratio Lower Upper

180 100

182 97.1 76.8 115.2

145 30.9 24.8 37.2





#71

Naphthalene

Concen: 4.839 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. -0.003 min

Lab File: VV034144.D

Acq: 13 Feb 2024 09:17

Instrument :

MSVOA_V

ClientSampleId :

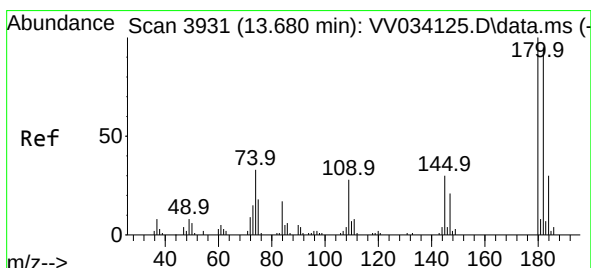
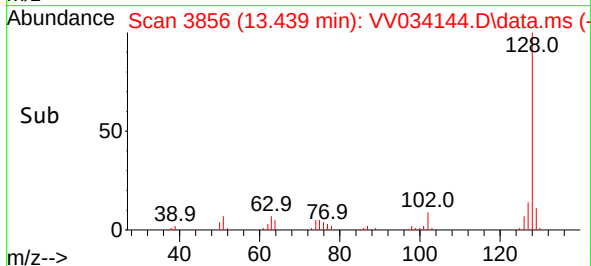
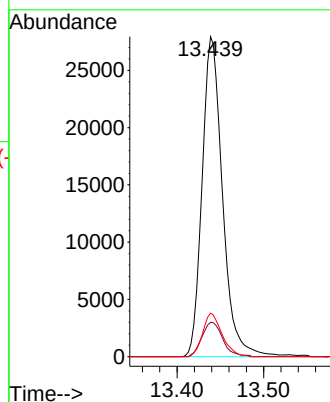
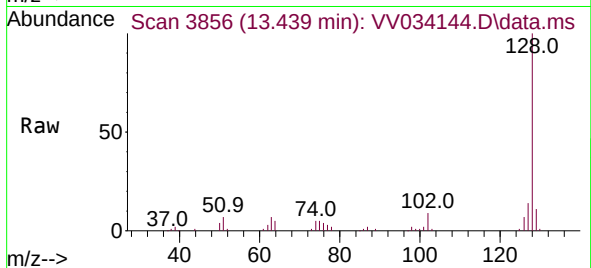
Tgt Ion:128 Resp: 45757

Ion Ratio Lower Upper

128 100

129 11.0 8.5 12.7

127 12.9 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.232 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV034144.D

Acq: 13 Feb 2024 09:17

Tgt Ion:180 Resp: 30254

Ion Ratio Lower Upper

180 100

182 92.4 75.0 112.6

145 31.1 25.2 37.8

