

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022124\
 Data File : VW034331.D
 Acq On : 21 Feb 2024 20:01
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 22 00:25:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 22 00:18:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	77882	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	70886	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	36618	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	19511	3.235	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.600%
7) Chloroethane-d5	1.535	69	19713	3.731	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.059	65	10422	3.583	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	3.812	46	55718	55.002	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.000%
24) Chloroform-d	4.249	84	53034	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	4.947	65	26048	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	4.963	84	91405	4.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	5.989	67	27517	4.629	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.243	98	84063	4.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.558	79	9105	4.056	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.027	63	41875	52.256	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.520%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	19031	5.280	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	30878	4.637	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	28570	4.003	ug/L	98
3) Chloromethane	1.217	50	33021	4.242	ug/L	99
5) Vinyl chloride	1.285	62	32347	4.348	ug/L	95
6) Bromomethane	1.490	94	12925	3.299	ug/L	95
8) Chloroethane	1.551	64	23047	4.541	ug/L	92
9) Trichlorofluoromethane	1.715	101	57440	5.358	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	29280	5.225	ug/L	99
12) 1,1-Dichloroethene	2.069	96	27611	5.075	ug/L	94
13) Acetone	2.137	43	43388	56.456	ug/L #	42
14) Carbon disulfide	2.240	76	77951	4.428	ug/L	100
15) Methyl Acetate	2.391	43	9612	5.285	ug/L	99
16) Methylene chloride	2.449	84	29523	5.655	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	62241	5.568	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	28397	5.124	ug/L	98
19) 1,1-Dichloroethane	3.114	63	53452	5.249	ug/L	96
21) 2-Butanone	3.895	43	53787	52.961	ug/L #	54
22) cis-1,2-Dichloroethene	3.818	96	30656	4.876	ug/L	95
23) Bromochloromethane	4.153	128	12272	5.615	ug/L	98
25) Chloroform	4.278	83	55304	5.373	ug/L	95

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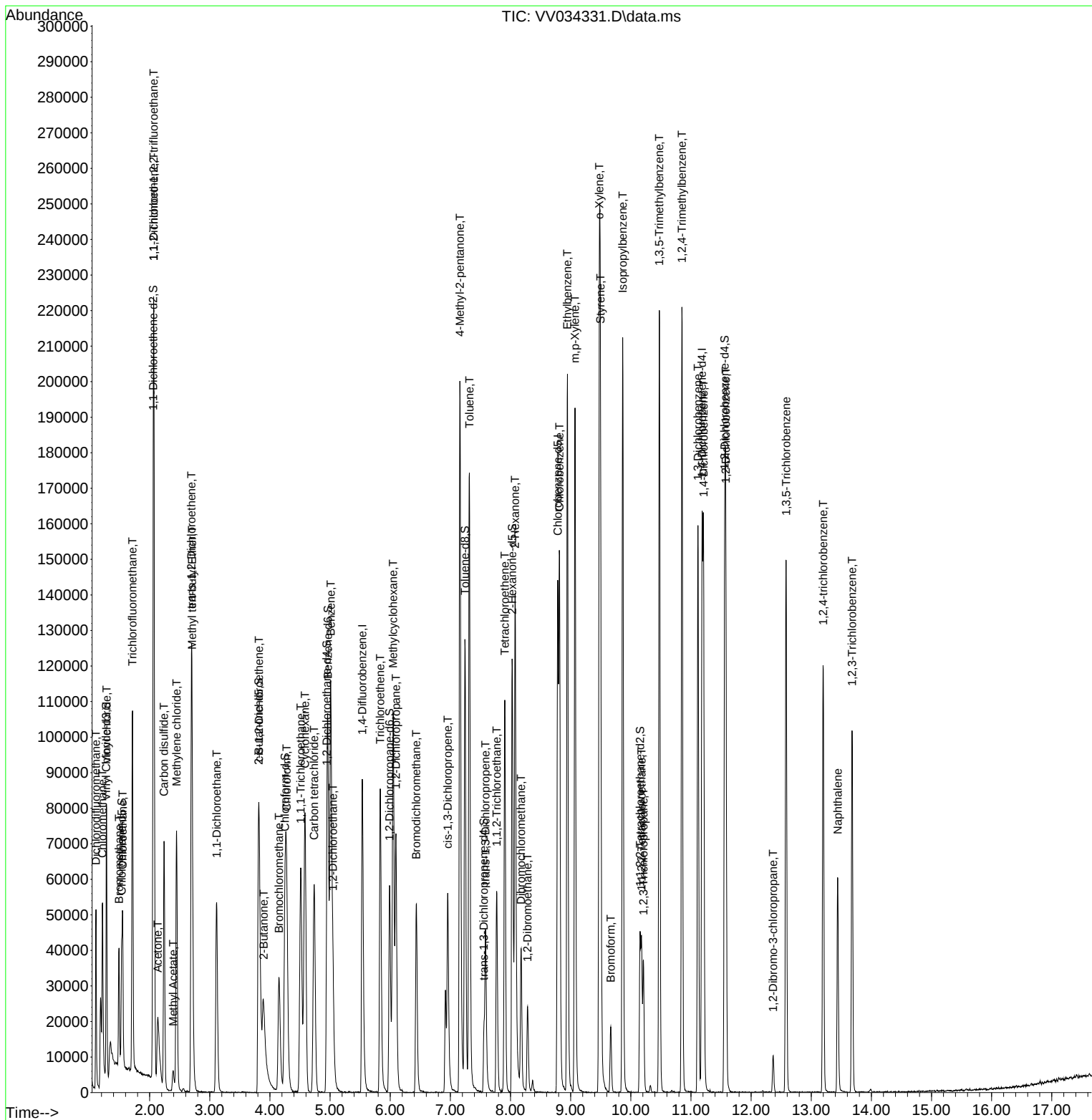
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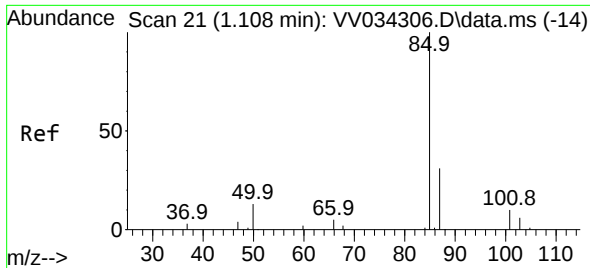
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.046	62	33130	5.621	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	52080	5.472	ug/L	99
30) Cyclohexane	4.583	56	43362	4.685	ug/L	96
31) Carbon tetrachloride	4.735	117	44902	5.392	ug/L	99
33) Benzene	5.011	78	112725	5.302	ug/L	100
34) Trichloroethene	5.834	95	30393	4.939	ug/L	96
35) Methylcyclohexane	6.050	83	45605	4.722	ug/L	96
37) 1,2-Dichloropropane	6.095	63	25011	4.856	ug/L	99
38) Bromodichloromethane	6.432	83	35655	5.274	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	34099	4.351	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	137237	55.648	ug/L	97
42) Toluene	7.316	91	124050	5.459	ug/L	94
44) trans-1,3-Dichloropropene	7.583	75	27274	4.533	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	17158	5.395	ug/L	97
47) Tetrachloroethene	7.905	164	24366	4.873	ug/L	94
48) 2-Hexanone	8.079	43	96651	55.598	ug/L	99
49) Dibromochloromethane	8.175	129	19363	5.124	ug/L	97
50) 1,2-Dibromoethane	8.284	107	15858	5.556	ug/L	97
51) Chlorobenzene	8.815	112	78755	5.482	ug/L	96
52) Ethylbenzene	8.947	91	138546	5.297	ug/L	100
53) m,p-Xylene	9.072	106	51821	5.243	ug/L	99
54) o-Xylene	9.477	106	51376	5.390	ug/L	99
55) Styrene	9.496	104	82991	5.438	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	18847	5.615	ug/L	100
59) Bromoform	9.667	173	8513	4.220	ug/L	97
60) Isopropylbenzene	9.866	105	132110	4.876	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	13860	5.506	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	114670	5.006	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	115059	5.170	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	61271	5.186	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	59103	5.052	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	56084	5.528	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	2608	4.943	ug/L	90
69) 1,3,5-Trichlorobenzene	12.583	180	44508	4.868	ug/L	100
70) 1,2,4-trichlorobenzene	13.200	180	35222	4.935	ug/L	99
71) Naphthalene	13.442	128	48359	5.171	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	29642	5.183	ug/L	97

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

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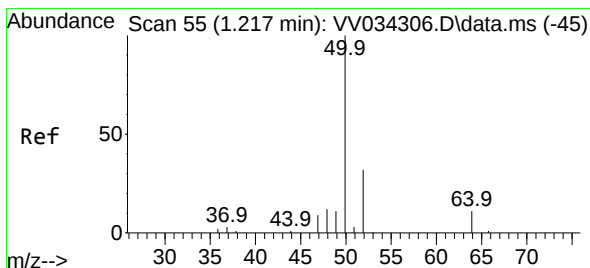
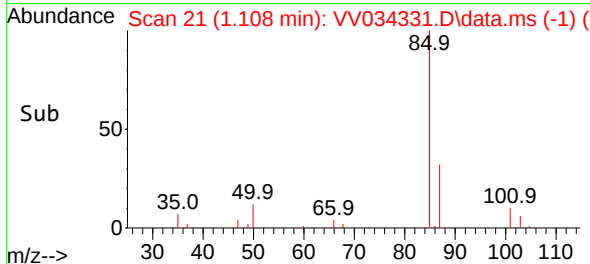
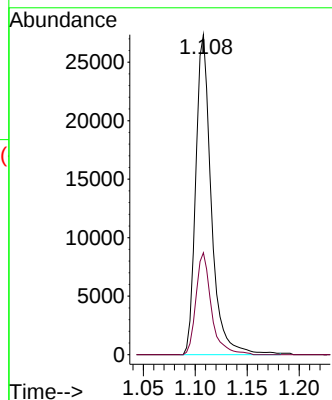
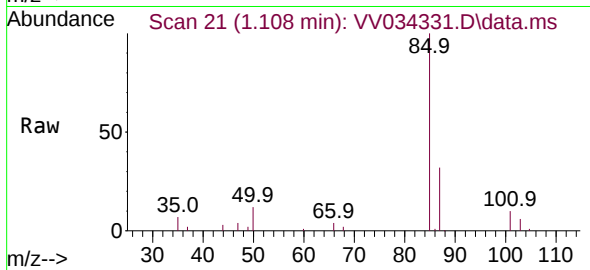




#2
 Dichlorodifluoromethane
 Concen: 4.003 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV034331.D
 Acq: 21 Feb 2024 20:01

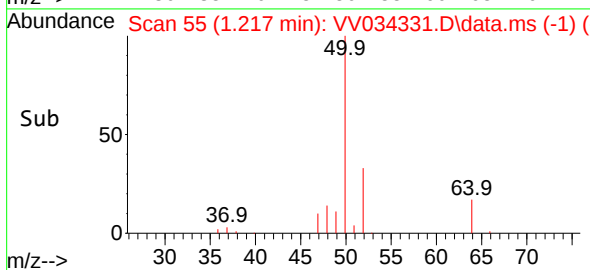
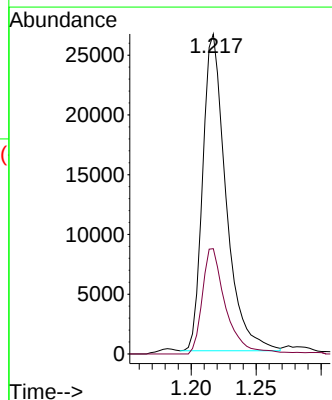
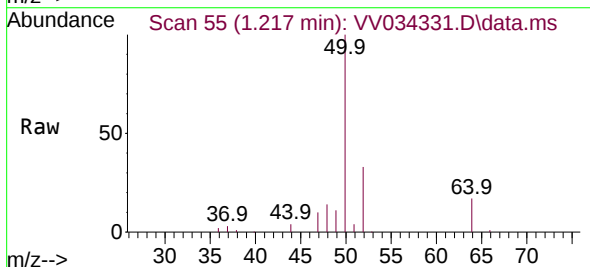
Instrument :
 MSVOA_V
 ClientSampleId :

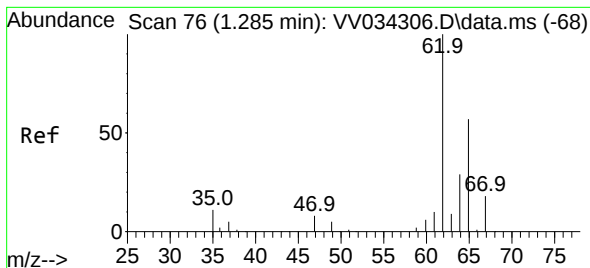
Tgt Ion: 85 Resp: 28570
 Ion Ratio Lower Upper
 85 100
 87 31.5 26.2 39.4



#3
 Chloromethane
 Concen: 4.242 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV034331.D
 Acq: 21 Feb 2024 20:01

Tgt Ion: 50 Resp: 33021
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.4 43.4





#5

Vinyl chloride

Concen: 4.348 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV034331.D

Acq: 21 Feb 2024 20:01

Instrument :

MSVOA_V

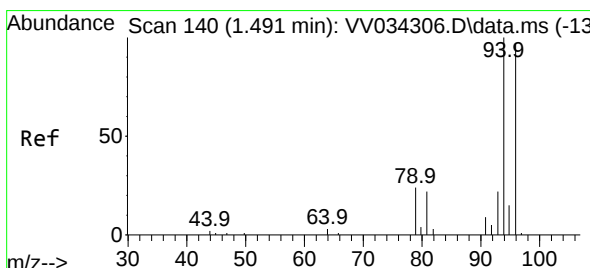
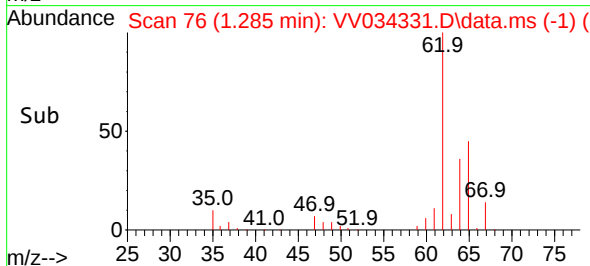
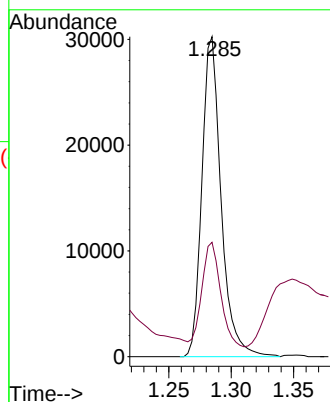
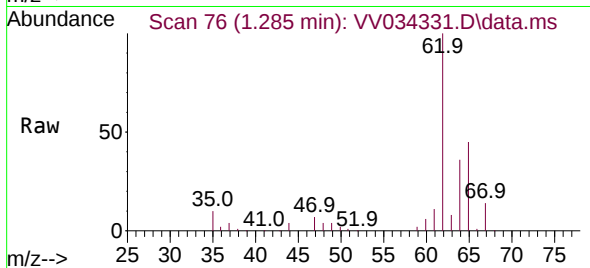
ClientSampleId :

Tgt Ion: 62 Resp: 32347

Ion Ratio Lower Upper

62 100

64 35.8 27.2 50.4



#6

Bromomethane

Concen: 3.299 ug/L

RT: 1.490 min Scan# 140

Delta R.T. -0.000 min

Lab File: VV034331.D

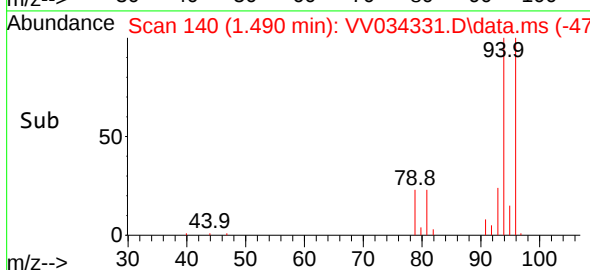
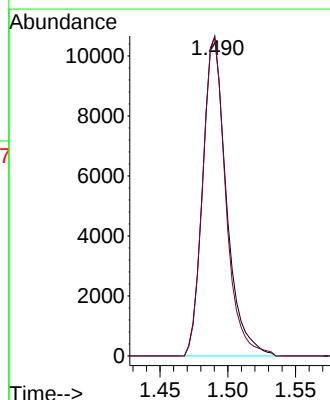
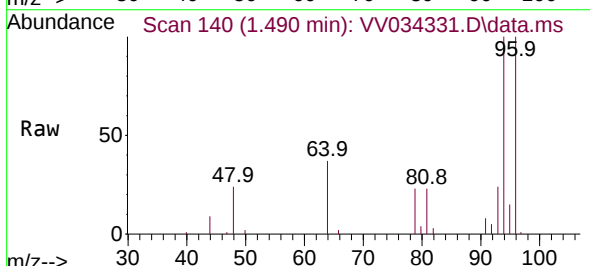
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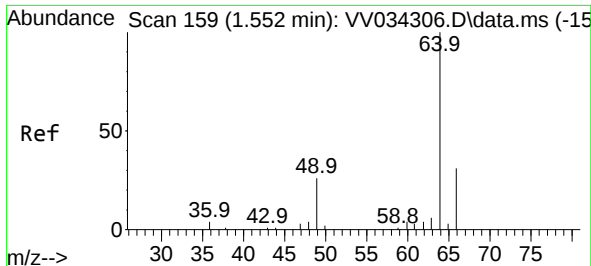
Tgt Ion: 94 Resp: 12925

Ion Ratio Lower Upper

94 100

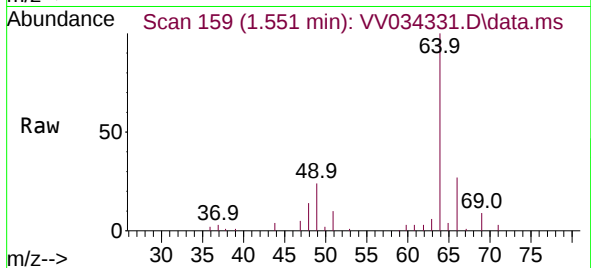
96 100.4 66.6 123.8



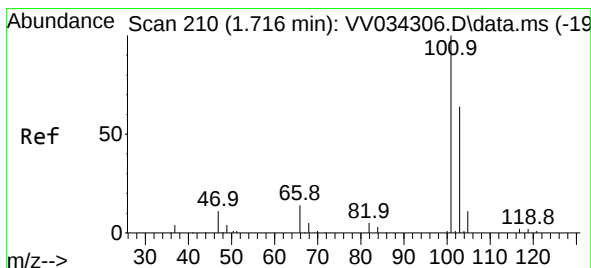
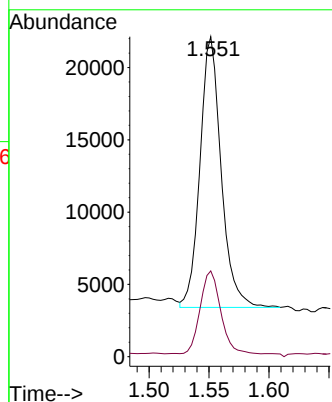
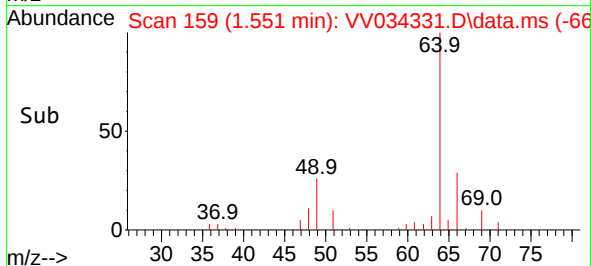


#8
Chloroethane
Concen: 4.541 ug/L
RT: 1.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034331.D
Acq: 21 Feb 2024 20:01

Instrument :
MSVOA_V
ClientSampleId :

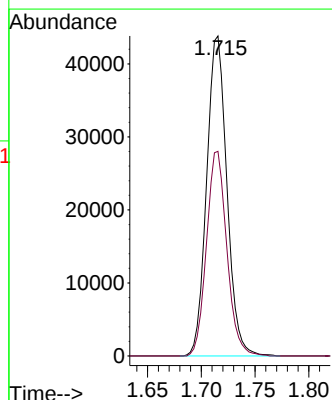
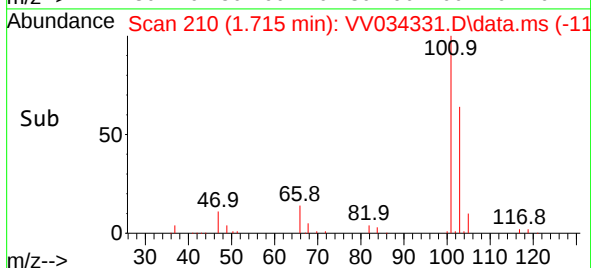
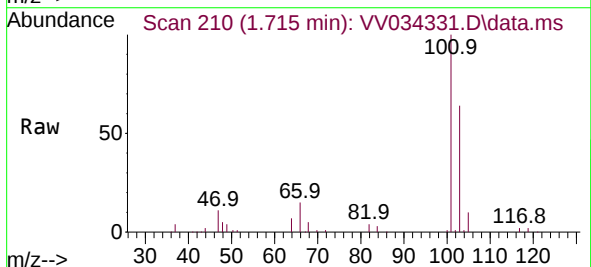


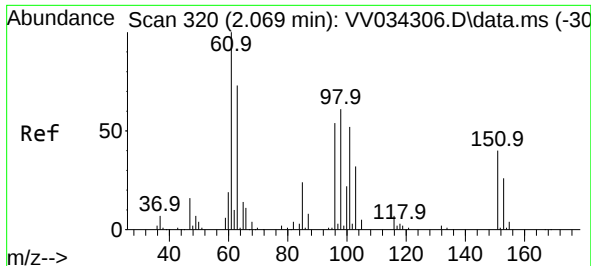
Tgt Ion: 64 Resp: 23047
Ion Ratio Lower Upper
64 100
66 26.8 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.358 ug/L
RT: 1.715 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV034331.D
Acq: 21 Feb 2024 20:01

Tgt Ion:101 Resp: 57440
Ion Ratio Lower Upper
101 100
103 64.2 51.0 76.4

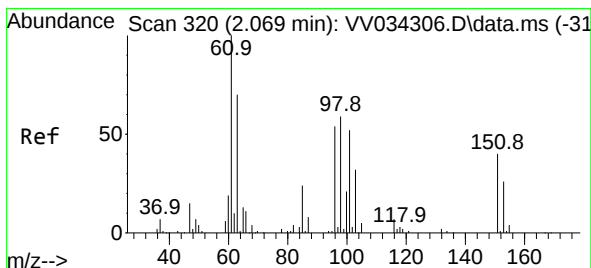
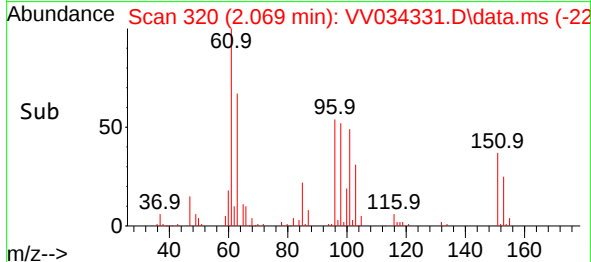
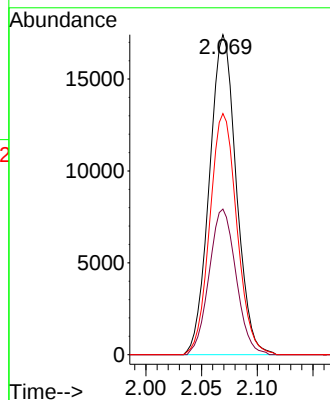
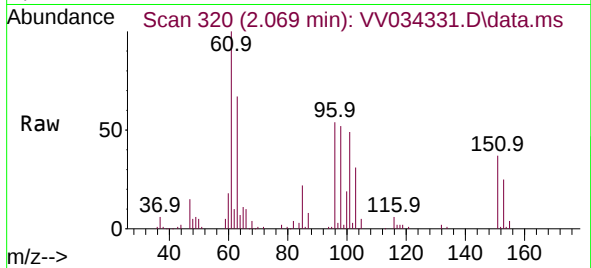




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.225 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034331.D
 Acq: 21 Feb 2024 20:01

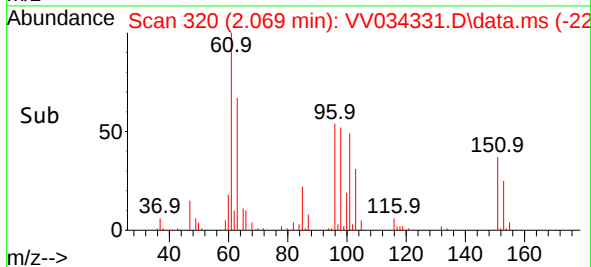
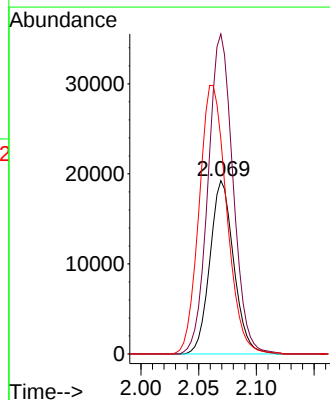
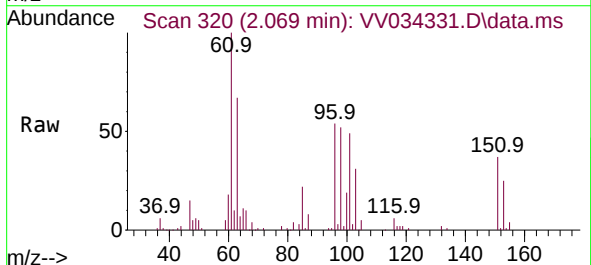
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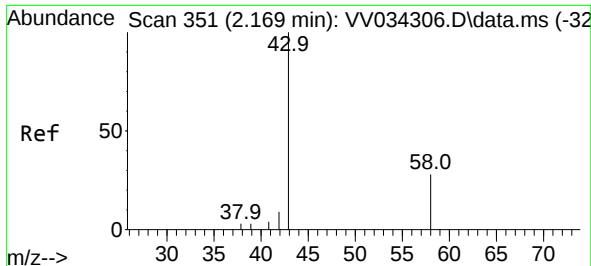
Tgt Ion:101 Resp: 29280
 Ion Ratio Lower Upper
 101 100
 85 45.4 37.1 55.7
 151 75.9 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 5.075 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034331.D
 Acq: 21 Feb 2024 20:01

Tgt Ion: 96 Resp: 27611
 Ion Ratio Lower Upper
 96 100
 61 184.6 128.8 239.2
 63 124.1 97.9 181.9





#13

Acetone

Concen: 56.456 ug/L

RT: 2.137 min Scan# 341

Delta R.T. -0.032 min

Lab File: VV034331.D

Acq: 21 Feb 2024 20:01

Instrument :

MSVOA_V

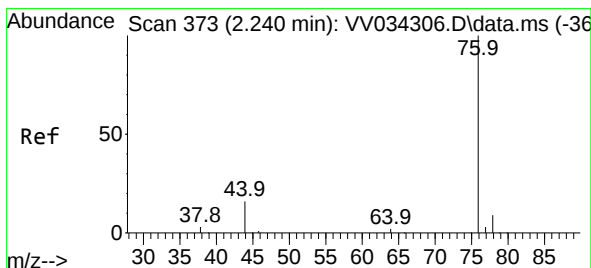
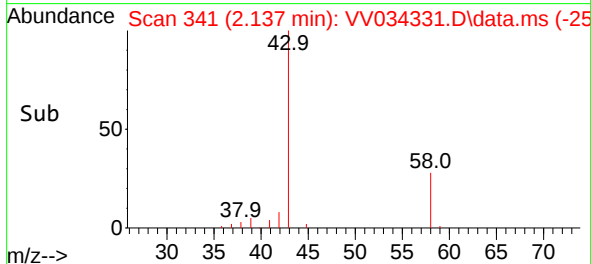
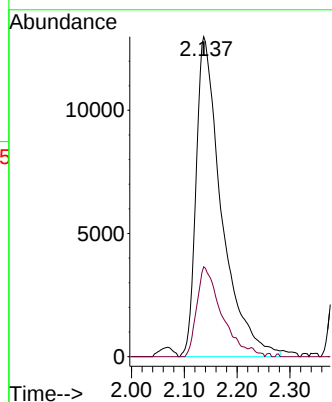
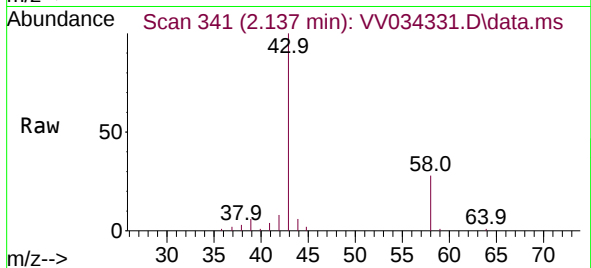
ClientSampleId :

Tgt Ion: 43 Resp: 43388

Ion Ratio Lower Upper

43 100

58 26.8 0.0 13.8#



#14

Carbon disulfide

Concen: 4.428 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034331.D

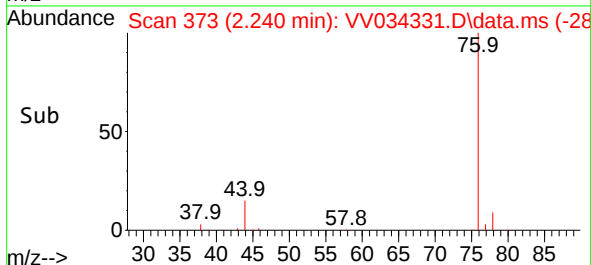
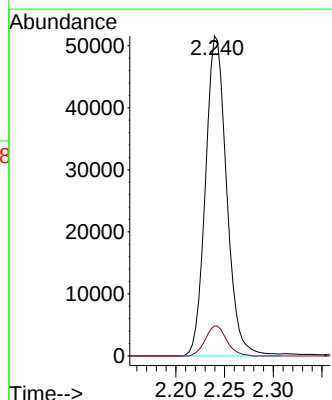
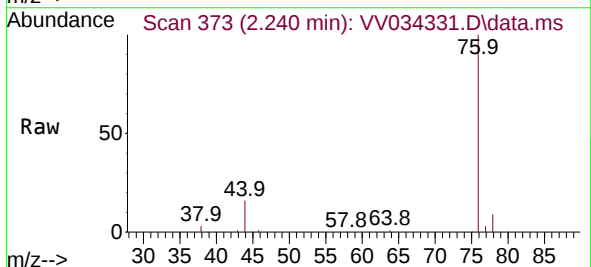
Acq: 21 Feb 2024 20:01

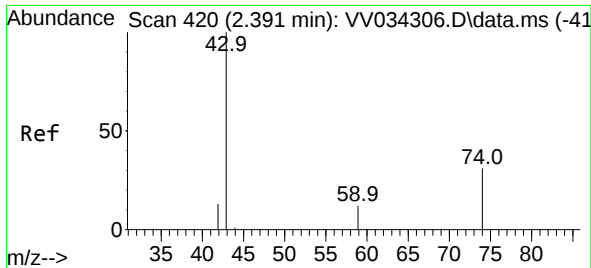
Tgt Ion: 76 Resp: 77951

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

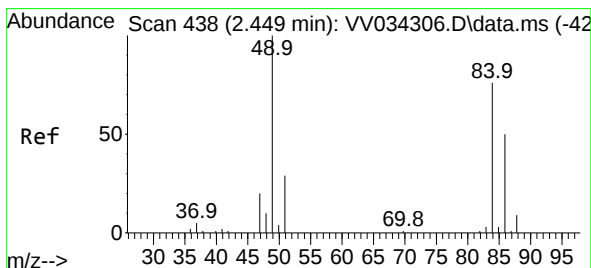
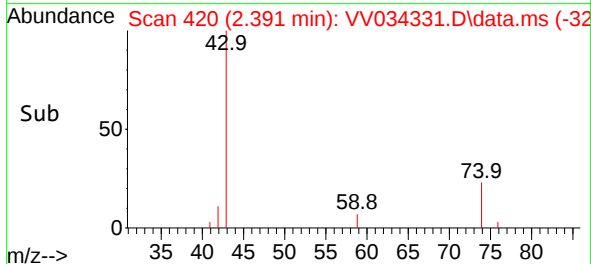
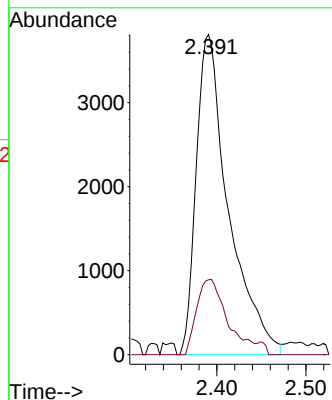
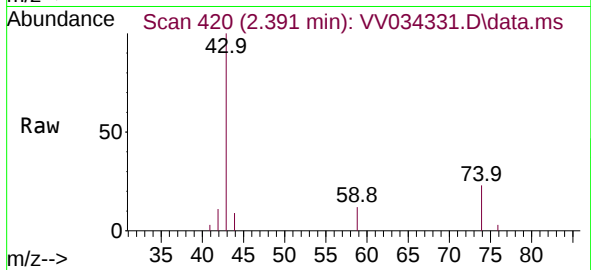




#15
Methyl Acetate
Concen: 5.285 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV034331.D
Acq: 21 Feb 2024 20:01

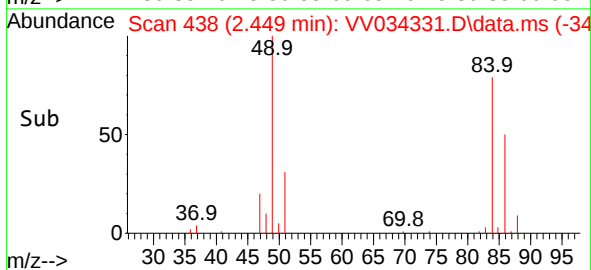
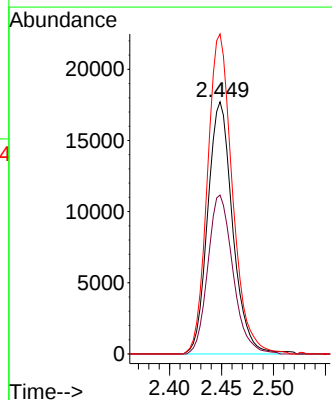
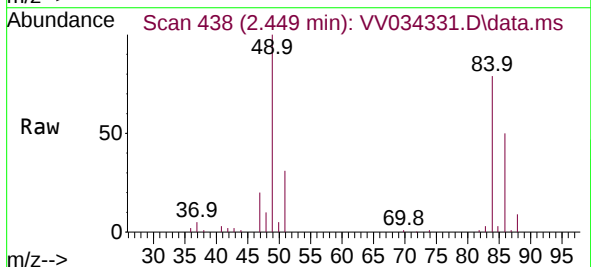
Instrument :
MSVOA_V
ClientSampleId :

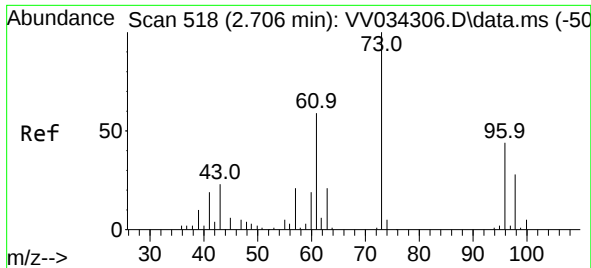
Tgt Ion: 43 Resp: 9612
Ion Ratio Lower Upper
43 100
74 22.2 18.2 27.4



#16
Methylene chloride
Concen: 5.655 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV034331.D
Acq: 21 Feb 2024 20:01

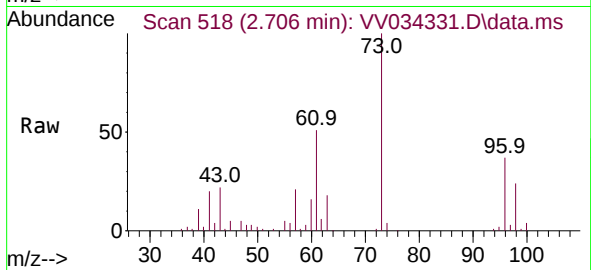
Tgt Ion: 84 Resp: 29523
Ion Ratio Lower Upper
84 100
86 63.0 44.7 83.1
49 126.9 93.7 173.9



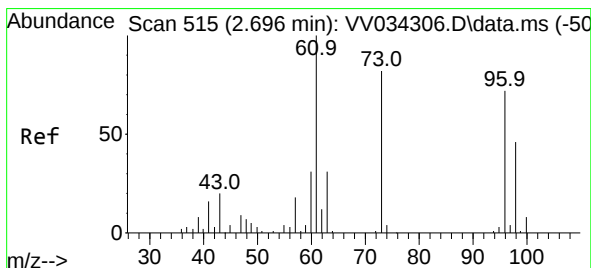
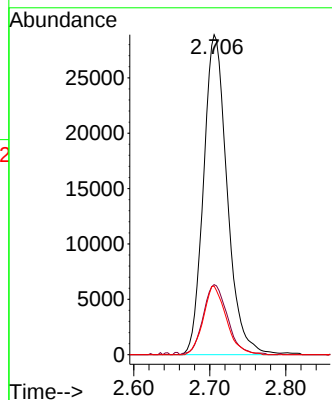
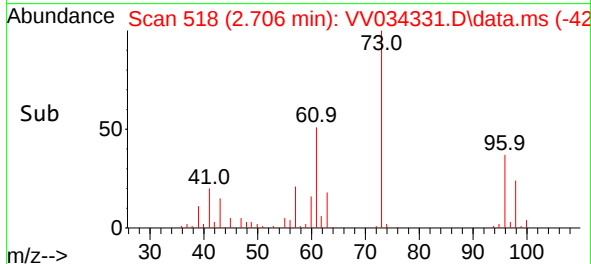


#17
Methyl tert-butyl Ether
Concen: 5.568 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV034331.D
Acq: 21 Feb 2024 20:01

Instrument :
MSVOA_V
ClientSampleId :

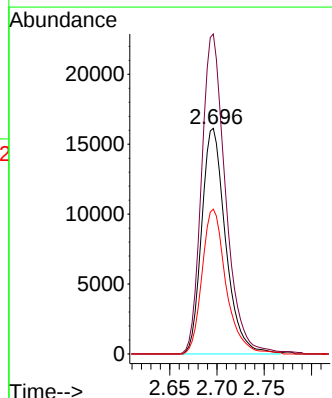
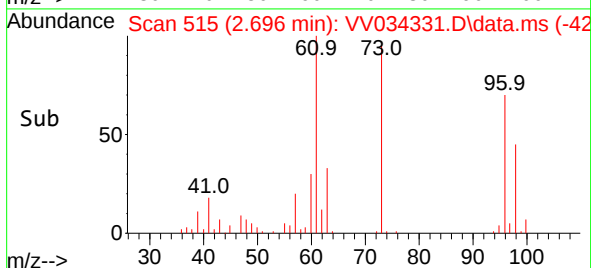
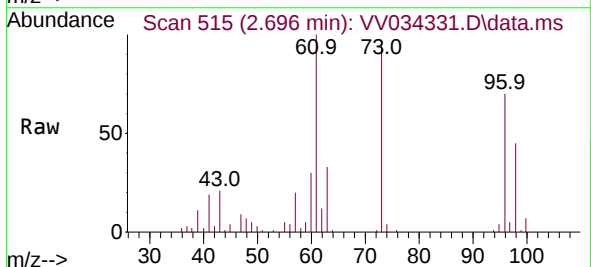


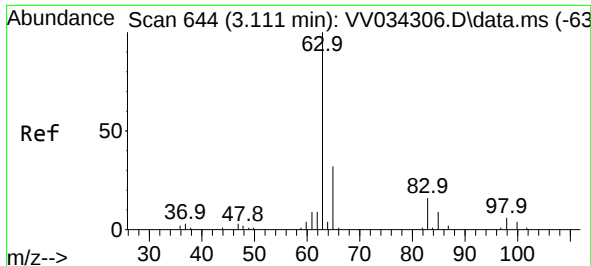
Tgt Ion: 73	Resp: 62241
Ion Ratio	Lower Upper
73 100	
43 22.5	17.7 26.5
57 20.9	17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 5.124 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV034331.D
Acq: 21 Feb 2024 20:01

Tgt Ion: 96	Resp: 28397
Ion Ratio	Lower Upper
96 100	
61 141.9	97.6 181.4
98 64.2	44.4 82.5

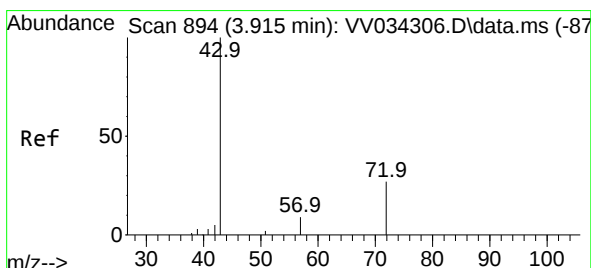
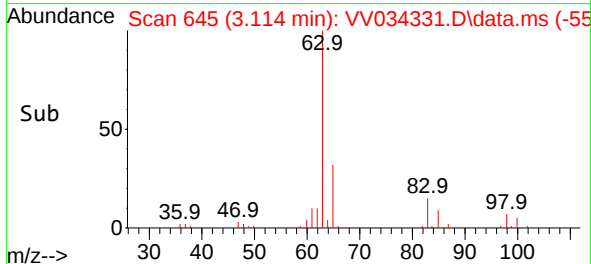
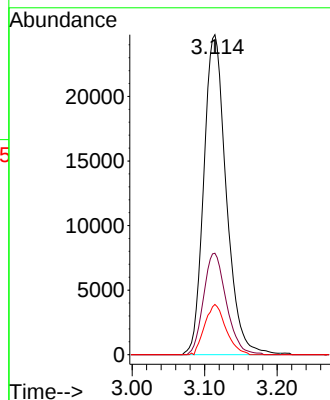
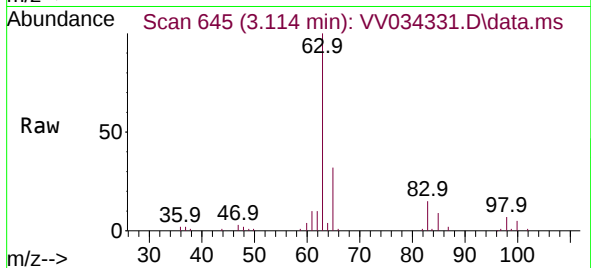




#19
1,1-Dichloroethane
Concen: 5.249 ug/L
RT: 3.114 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV034331.D
Acq: 21 Feb 2024 20:01

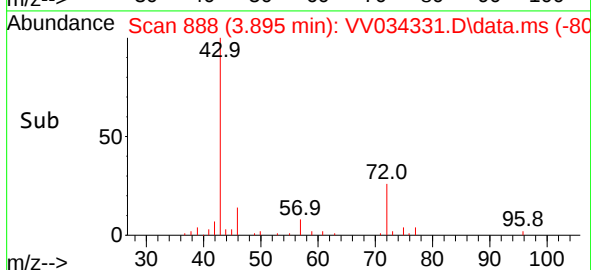
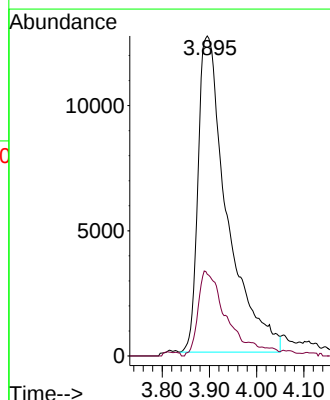
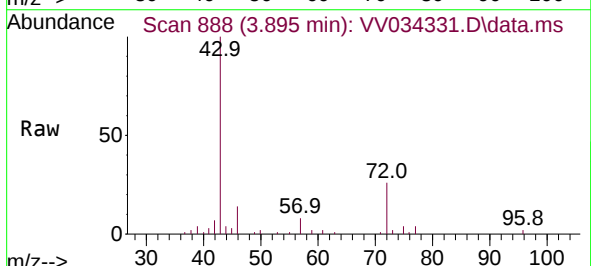
Instrument :
MSVOA_V
ClientSampleId :

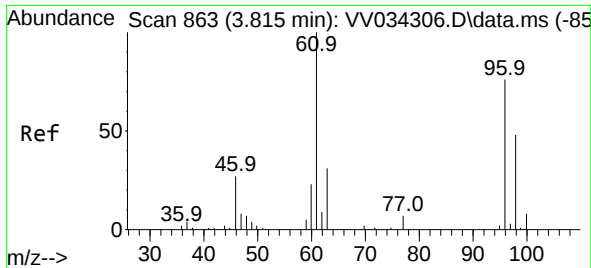
Tgt Ion: 63 Resp: 53452
Ion Ratio Lower Upper
63 100
65 31.7 20.8 38.6
83 15.7 9.4 17.4



#21
2-Butanone
Concen: 52.961 ug/L
RT: 3.895 min Scan# 888
Delta R.T. -0.019 min
Lab File: VV034331.D
Acq: 21 Feb 2024 20:01

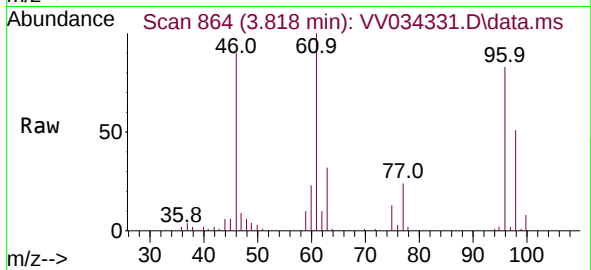
Tgt Ion: 43 Resp: 53787
Ion Ratio Lower Upper
43 100
72 24.2 4.0 11.9#



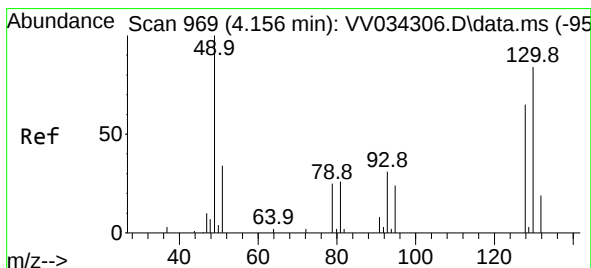
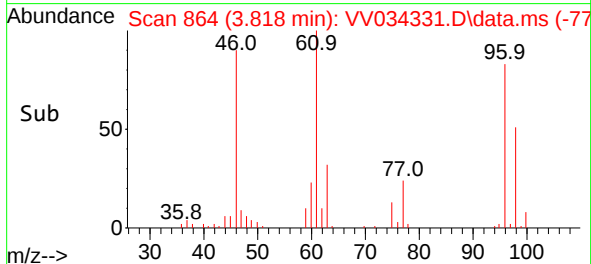
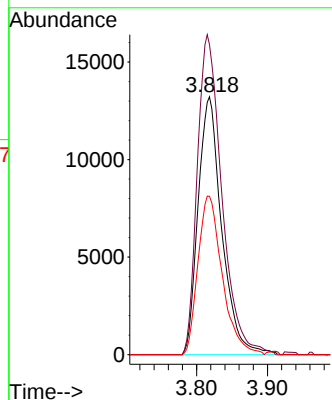


#22
 cis-1,2-Dichloroethene
 Concen: 4.876 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.003 min
 Lab File: VV034331.D
 Acq: 21 Feb 2024 20:01

Instrument :
 MSVOA_V
 ClientSampleId :

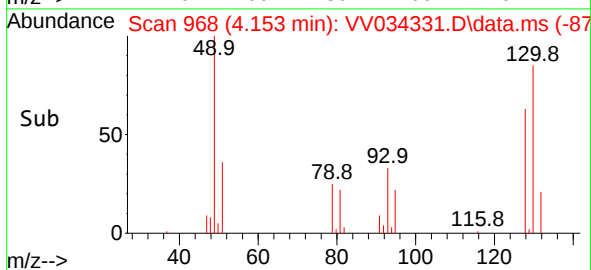
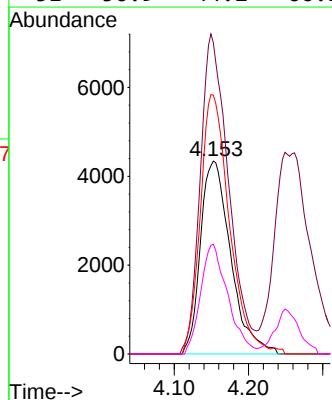
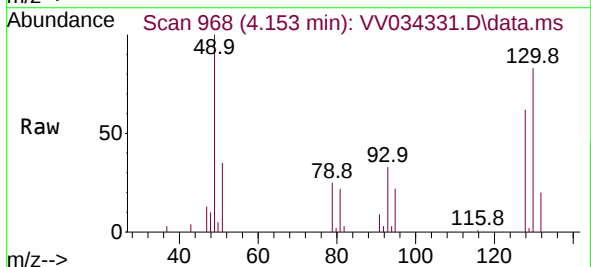


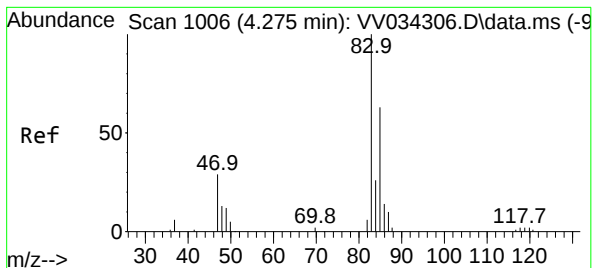
Tgt Ion: 96 Resp: 30656
 Ion Ratio Lower Upper
 96 100
 61 120.2 90.3 167.7
 98 61.4 43.2 80.2



#23
 Bromochloromethane
 Concen: 5.615 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. -0.003 min
 Lab File: VV034331.D
 Acq: 21 Feb 2024 20:01

Tgt Ion: 128 Resp: 12272
 Ion Ratio Lower Upper
 128 100
 49 169.3 120.5 223.7
 130 134.3 93.4 173.4
 51 56.9 44.2 66.2





#25

Chloroform

Concen: 5.373 ug/L

RT: 4.278 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV034331.D

Acq: 21 Feb 2024 20:01

Instrument :

MSVOA_V

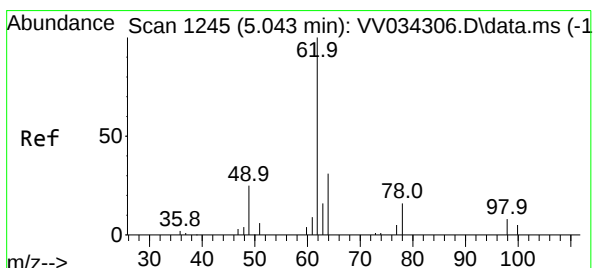
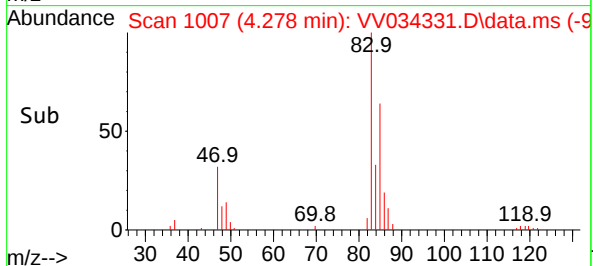
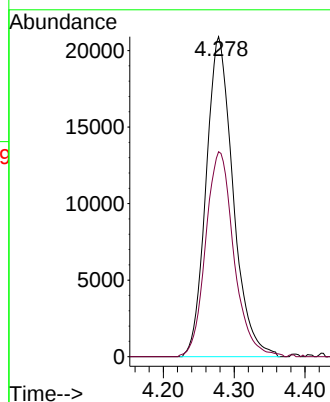
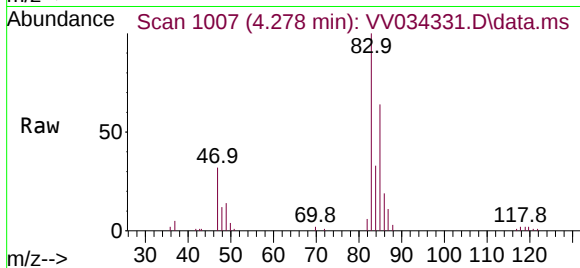
ClientSampleId :

Tgt Ion: 83 Resp: 55304

Ion Ratio Lower Upper

83 100

85 64.0 47.5 88.1



#27

1,2-Dichloroethane

Concen: 5.621 ug/L

RT: 5.046 min Scan# 1246

Delta R.T. 0.003 min

Lab File: VV034331.D

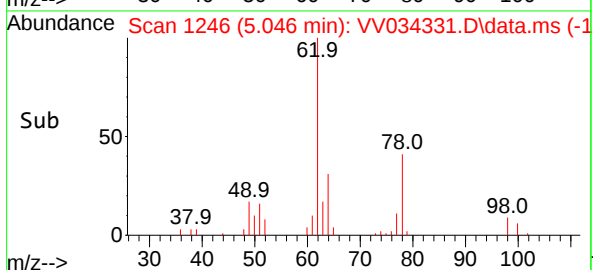
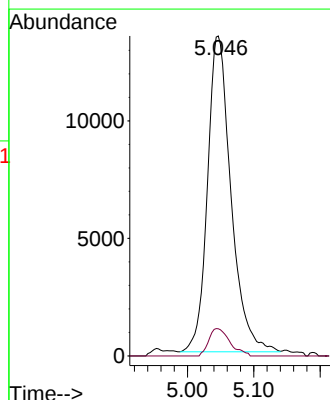
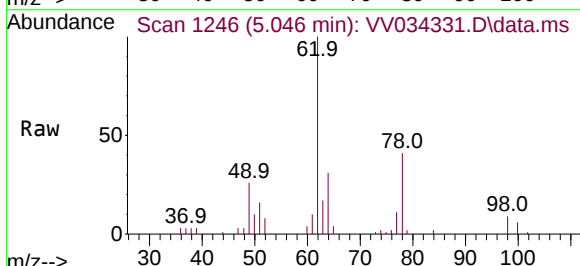
Acq: 21 Feb 2024 20:01

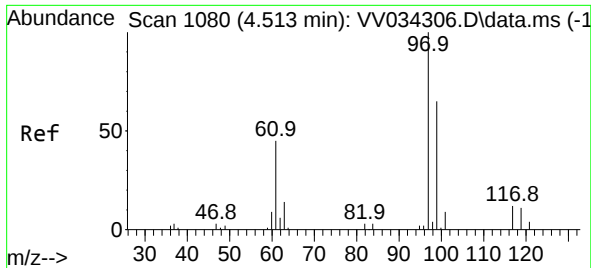
Tgt Ion: 62 Resp: 33130

Ion Ratio Lower Upper

62 100

98 8.5 6.9 10.3

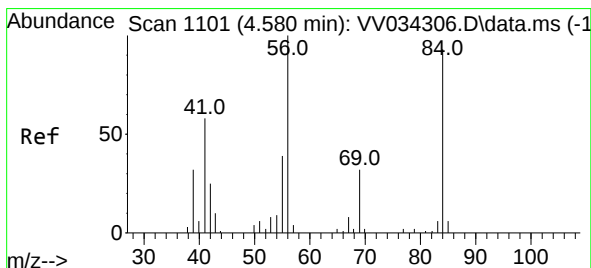
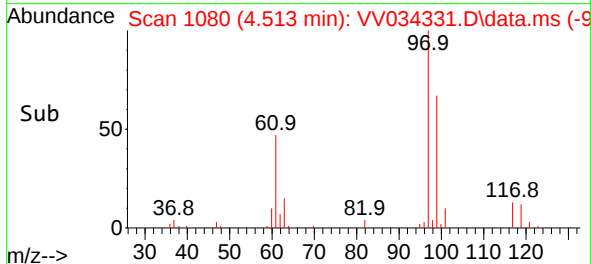
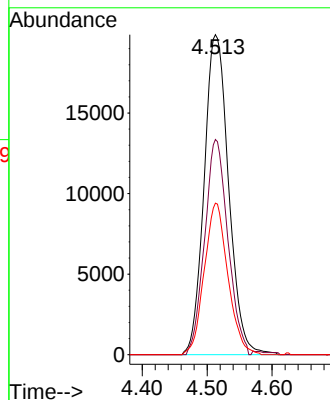
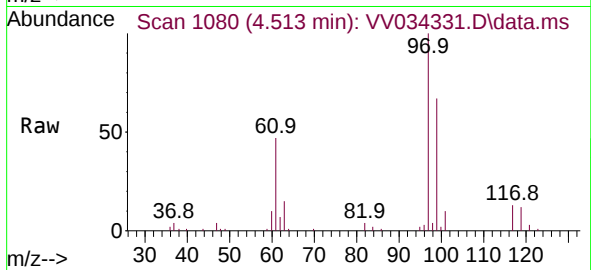




#29
1,1,1-Trichloroethane
Concen: 5.472 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VV034331.D
Acq: 21 Feb 2024 20:01

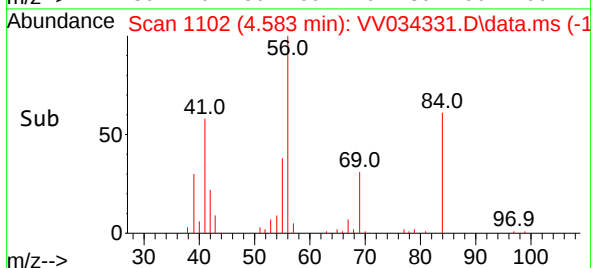
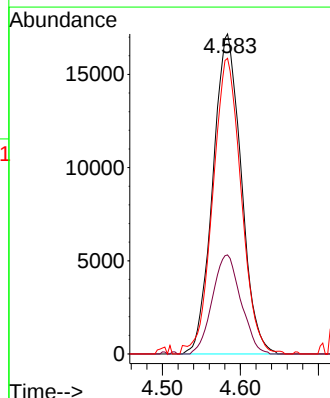
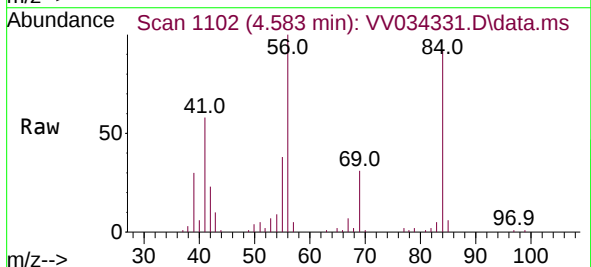
Instrument :
MSVOA_V
ClientSampleId :

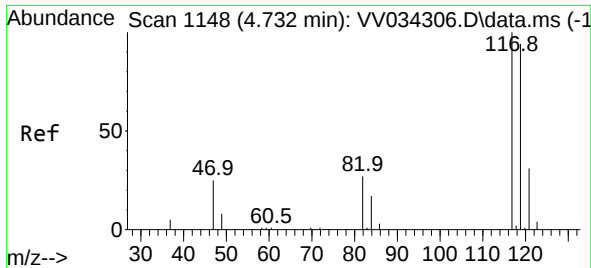
Tgt Ion: 97 Resp: 52080
Ion Ratio Lower Upper
97 100
99 63.9 50.6 75.8
61 45.7 36.8 55.2



#30
Cyclohexane
Concen: 4.685 ug/L
RT: 4.583 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV034331.D
Acq: 21 Feb 2024 20:01

Tgt Ion: 56 Resp: 43362
Ion Ratio Lower Upper
56 100
69 31.1 24.2 36.2
84 92.6 70.0 105.0

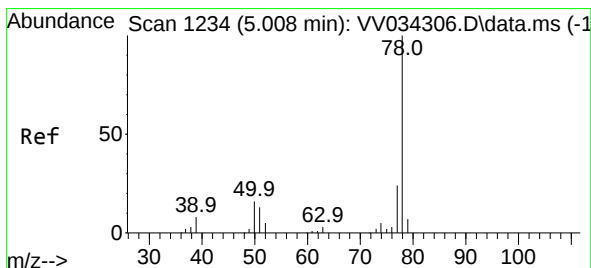
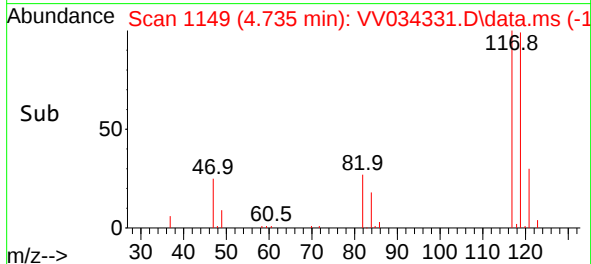
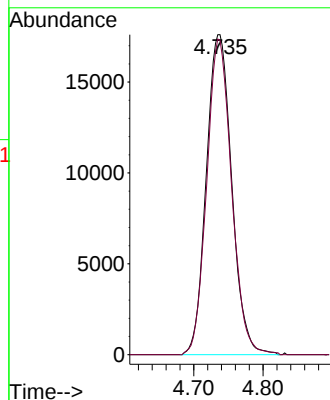
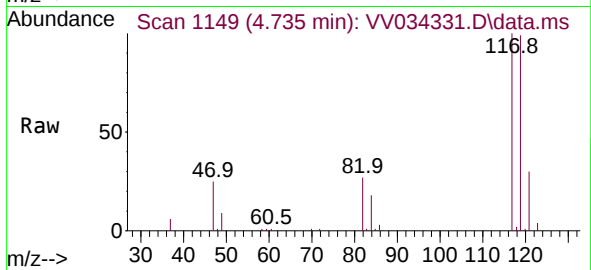




#31
Carbon tetrachloride
Concen: 5.392 ug/L
RT: 4.735 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV034331.D
Acq: 21 Feb 2024 20:01

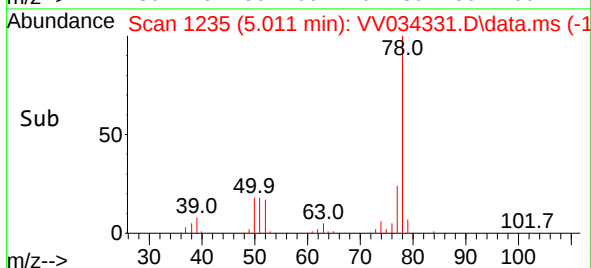
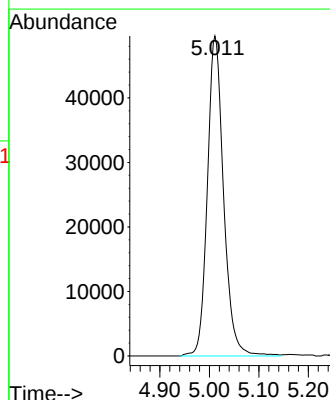
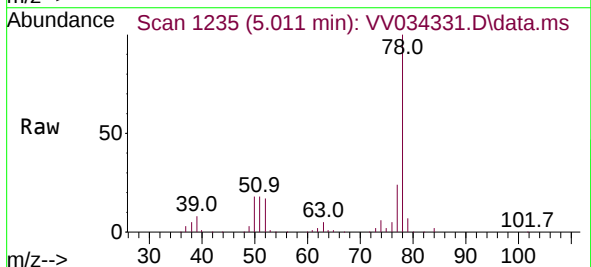
Instrument :
MSVOA_V
ClientSampleId :

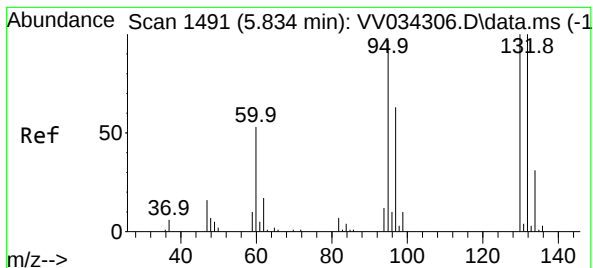
Tgt Ion:117 Resp: 44902
Ion Ratio Lower Upper
117 100
119 96.3 76.1 114.1



#33
Benzene
Concen: 5.302 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV034331.D
Acq: 21 Feb 2024 20:01

Tgt Ion: 78 Resp: 112725





#34

Trichloroethene

Concen: 4.939 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

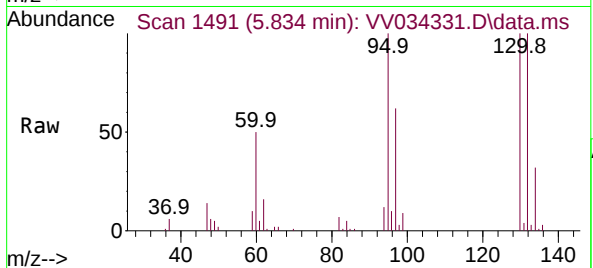
Lab File: VV034331.D

Acq: 21 Feb 2024 20:01

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 30393

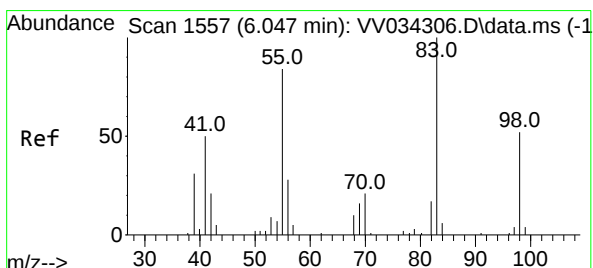
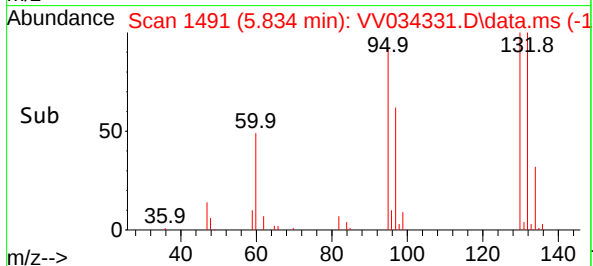
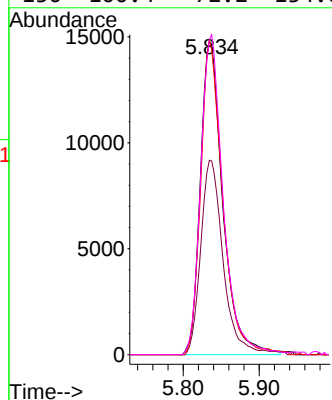
Ion Ratio Lower Upper

95 100

97 62.0 45.1 83.7

132 100.4 66.0 122.6

130 100.4 72.2 134.0



#35

Methylcyclohexane

Concen: 4.722 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV034331.D

Acq: 21 Feb 2024 20:01

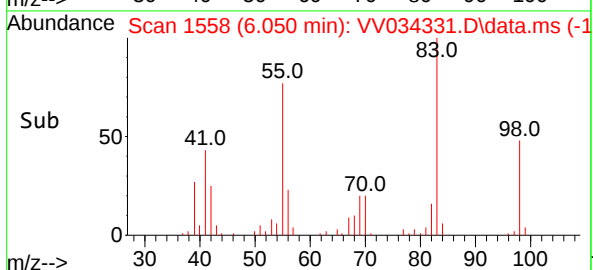
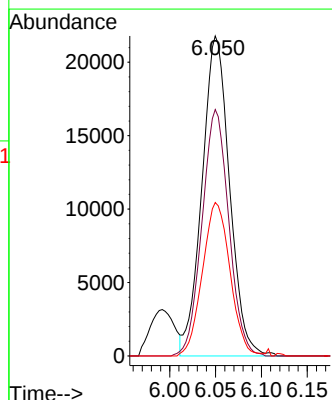
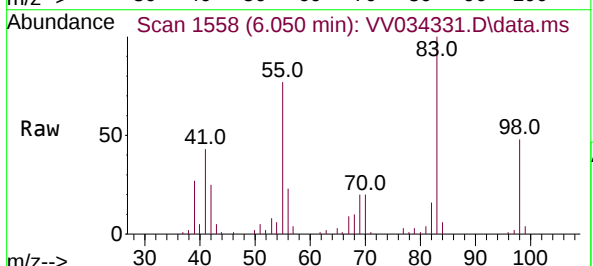
Tgt Ion: 83 Resp: 45605

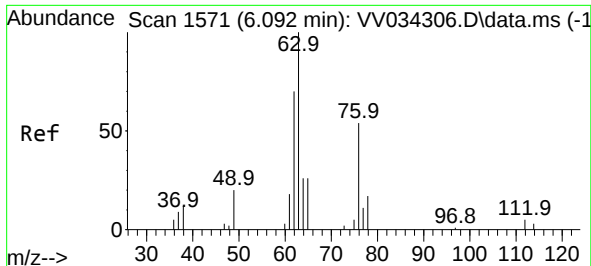
Ion Ratio Lower Upper

83 100

55 74.7 63.5 95.3

98 48.0 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.856 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034331.D

Acq: 21 Feb 2024 20:01

Instrument :

MSVOA_V

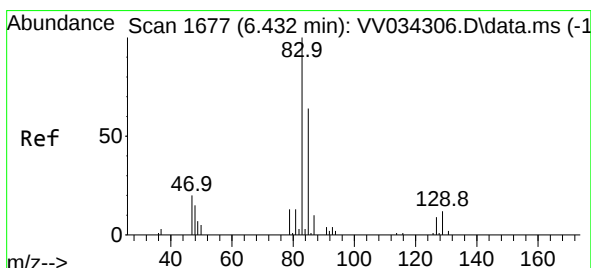
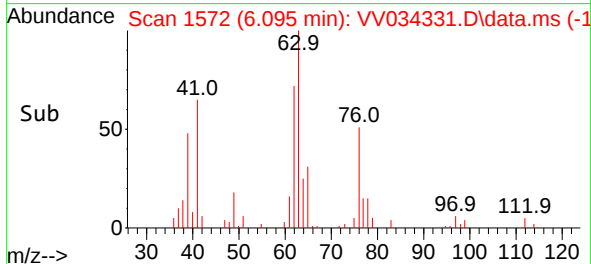
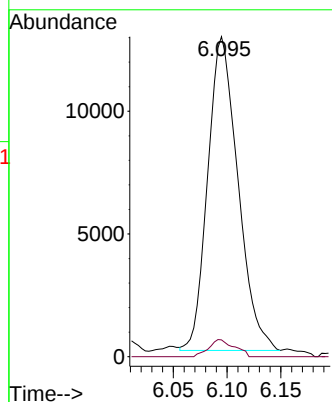
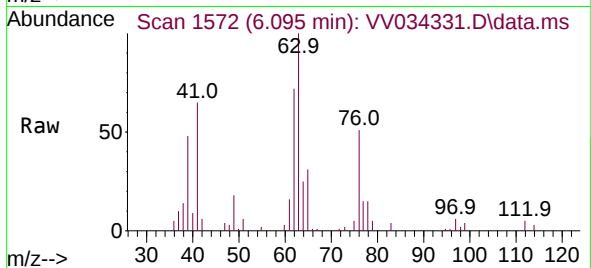
ClientSampleId :

Tgt Ion: 63 Resp: 25011

Ion Ratio Lower Upper

63 100

112 4.6 3.4 5.0



#38

Bromodichloromethane

Concen: 5.274 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VV034331.D

Acq: 21 Feb 2024 20:01

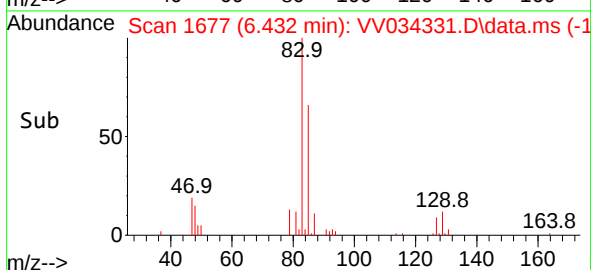
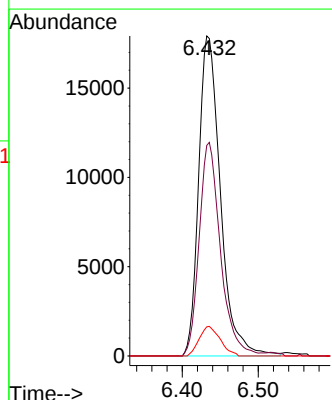
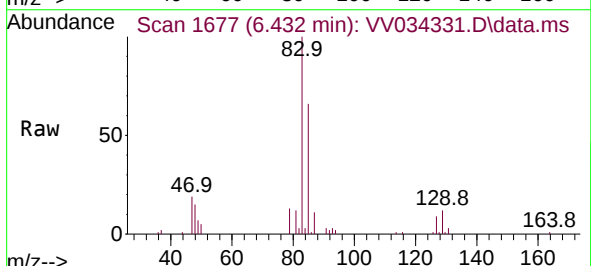
Tgt Ion: 83 Resp: 35655

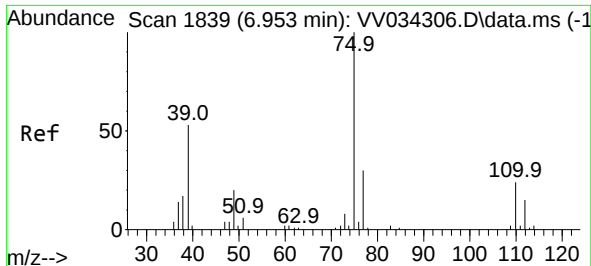
Ion Ratio Lower Upper

83 100

85 65.8 45.4 84.2

127 9.1 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.351 ug/L

RT: 6.956 min Scan# 1840

Delta R.T. 0.003 min

Lab File: VV034331.D

Acq: 21 Feb 2024 20:01

Instrument :

MSVOA_V

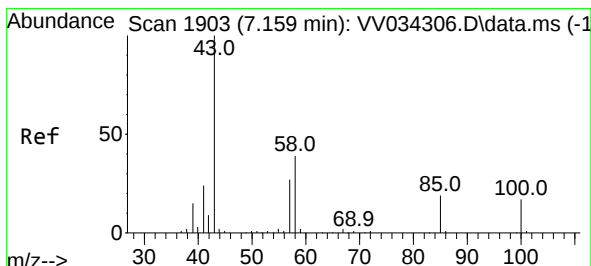
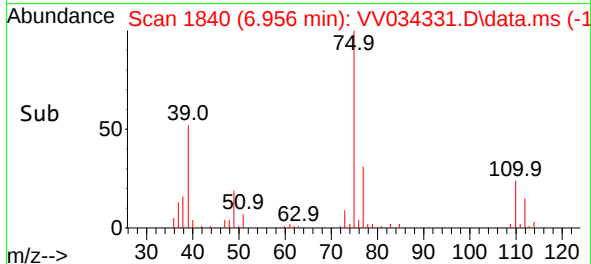
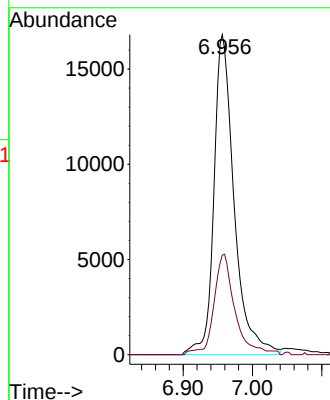
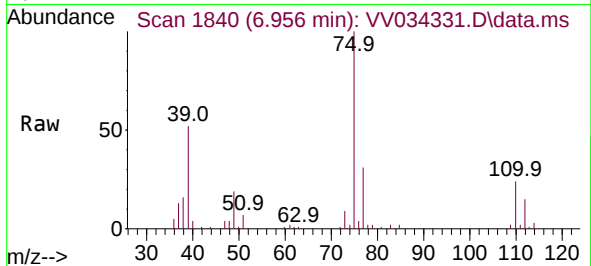
ClientSampleId :

Tgt Ion: 75 Resp: 34099

Ion Ratio Lower Upper

75 100

77 31.1 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 55.648 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV034331.D

Acq: 21 Feb 2024 20:01

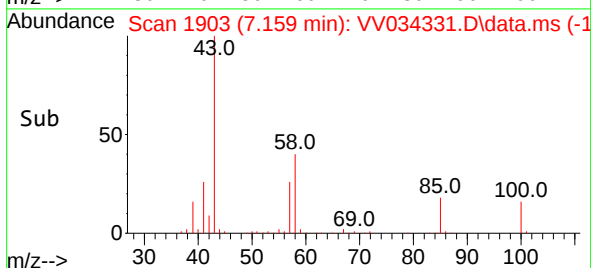
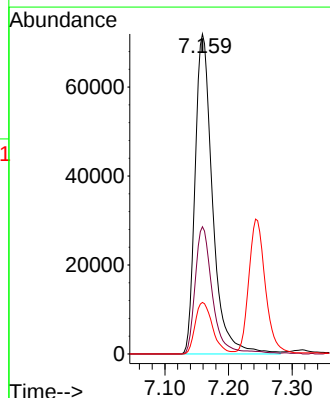
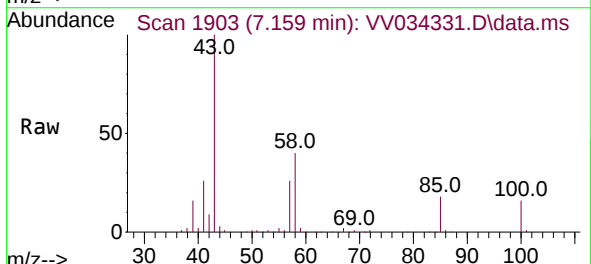
Tgt Ion: 43 Resp: 137237

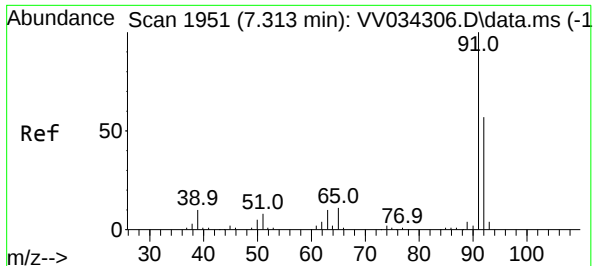
Ion Ratio Lower Upper

43 100

58 39.7 30.2 45.2

100 16.1 12.1 18.1





#42

Toluene

Concen: 5.459 ug/L

RT: 7.316 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV034331.D

Acq: 21 Feb 2024 20:01

Instrument :

MSVOA_V

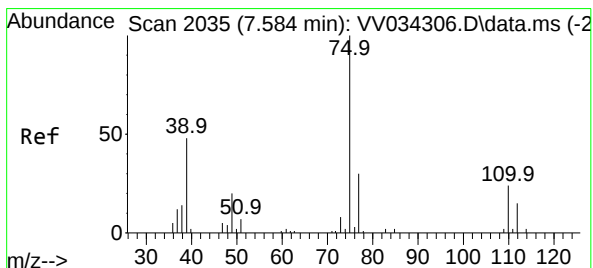
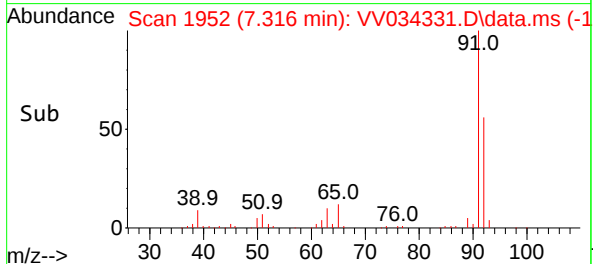
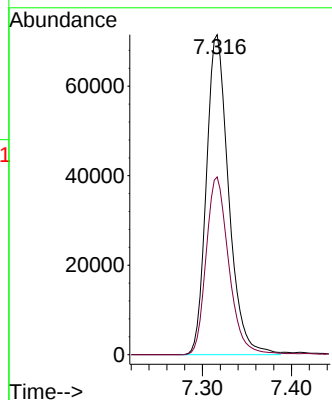
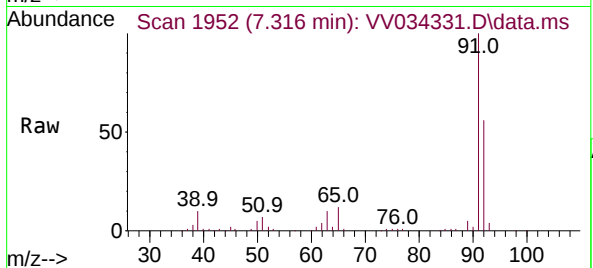
ClientSampleId :

Tgt Ion: 91 Resp: 124050

Ion Ratio Lower Upper

91 100

92 55.5 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 4.533 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV034331.D

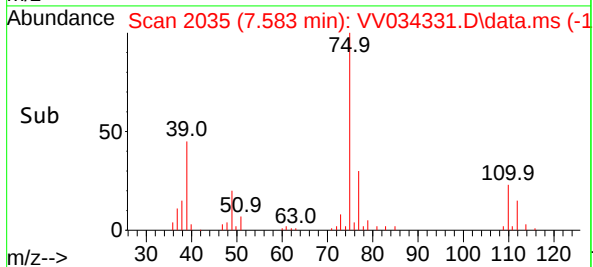
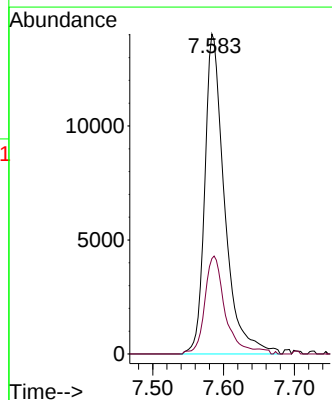
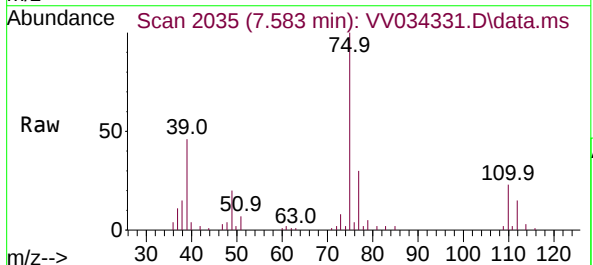
Acq: 21 Feb 2024 20:01

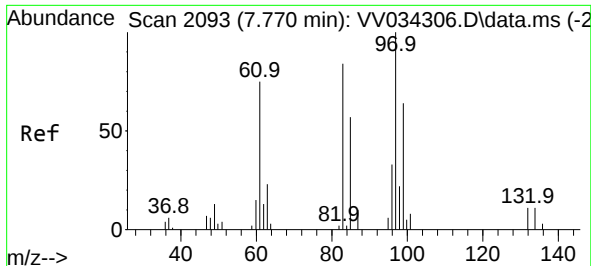
Tgt Ion: 75 Resp: 27274

Ion Ratio Lower Upper

75 100

77 29.8 22.2 41.2

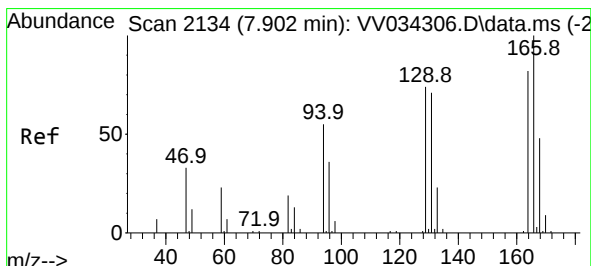
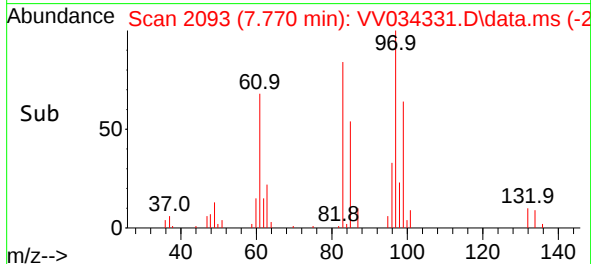
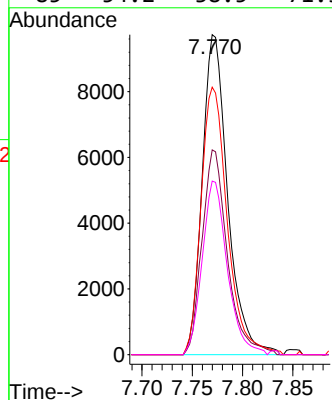
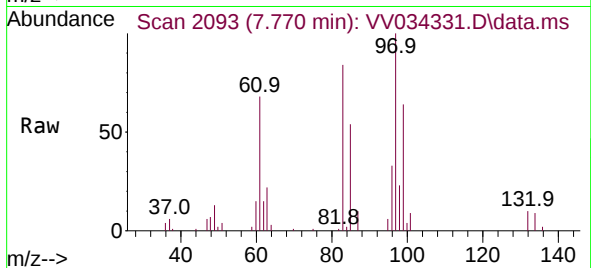




#45
1,1,2-Trichloroethane
Concen: 5.395 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV034331.D
Acq: 21 Feb 2024 20:01

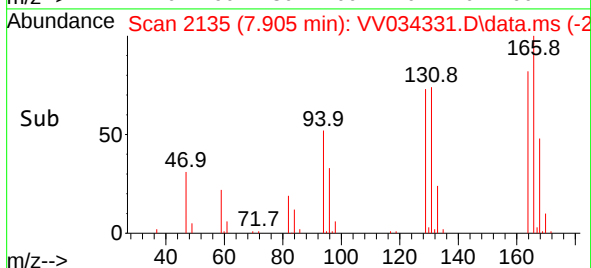
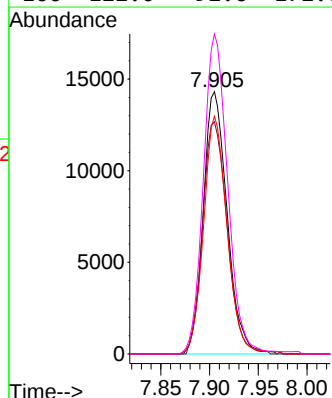
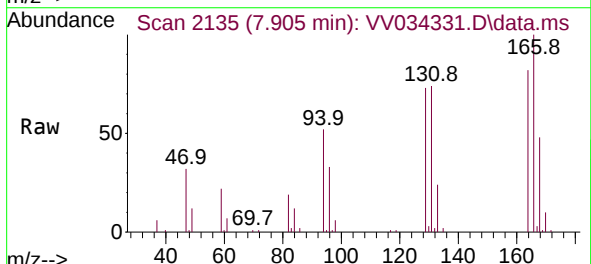
Instrument :
MSVOA_V
ClientSampleId :

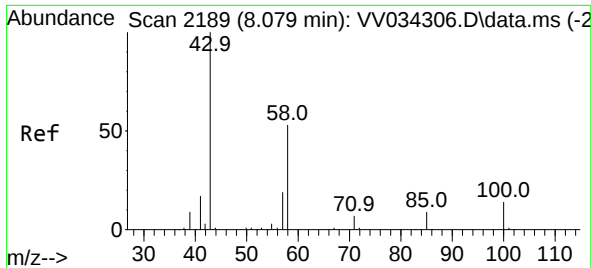
Tgt Ion:	97	Resp:	17158
Ion	Ratio	Lower	Upper
97	100		
99	64.0	45.6	84.6
83	83.6	62.3	115.7
85	54.2	38.5	71.5



#47
Tetrachloroethene
Concen: 4.873 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV034331.D
Acq: 21 Feb 2024 20:01

Tgt Ion:	164	Resp:	24366
Ion	Ratio	Lower	Upper
164	100		
129	88.5	67.8	125.8
131	90.6	63.0	117.0
166	122.0	92.6	172.0

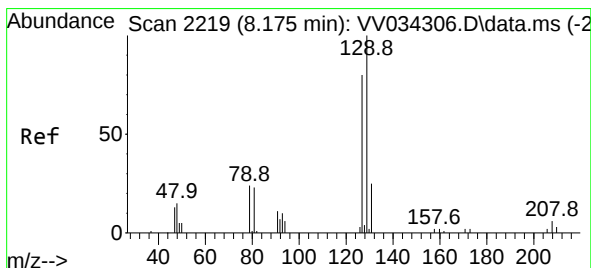
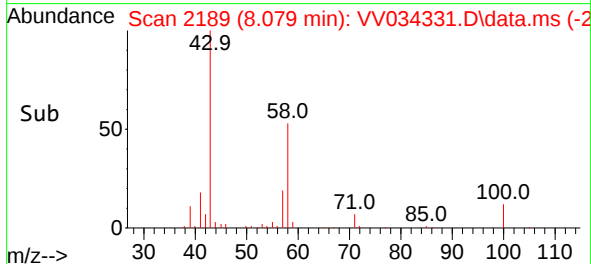
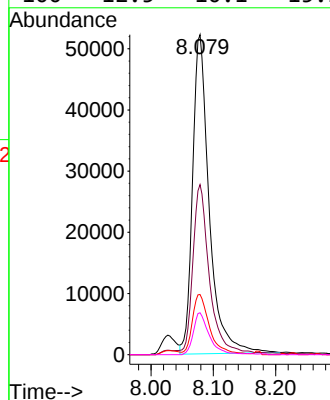
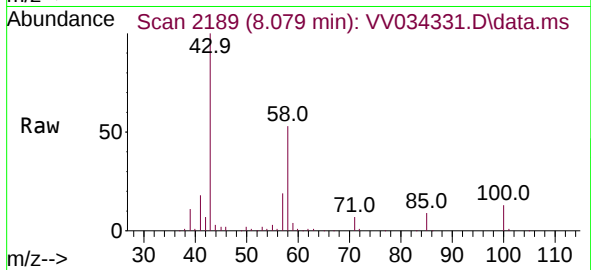




#48
2-Hexanone
Concen: 55.598 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV034331.D
Acq: 21 Feb 2024 20:01

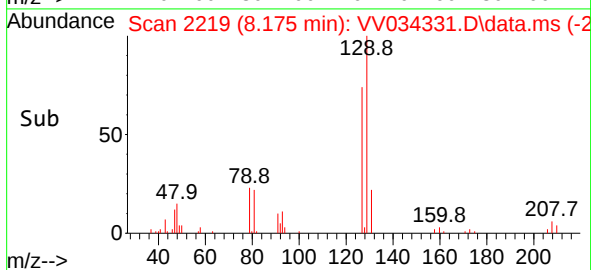
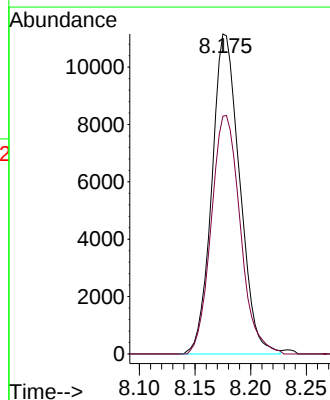
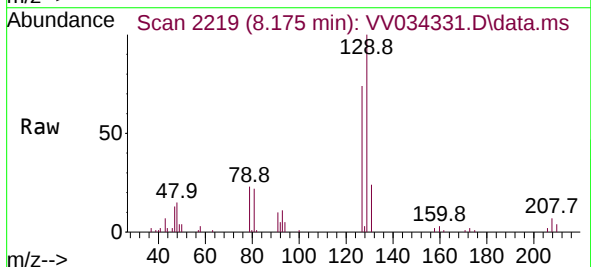
Instrument :
MSVOA_V
ClientSampleId :

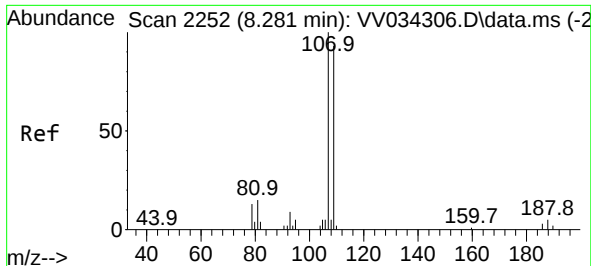
Tgt Ion:	43	Resp:	96651
Ion	Ratio	Lower	Upper
43	100		
58	51.8	42.6	64.0
57	19.6	15.5	23.3
100	12.5	10.1	15.1



#49
Dibromochloromethane
Concen: 5.124 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV034331.D
Acq: 21 Feb 2024 20:01

Tgt Ion:	129	Resp:	19363
Ion	Ratio	Lower	Upper
129	100		
127	74.3	53.5	99.5





#50

1,2-Dibromoethane

Concen: 5.556 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV034331.D

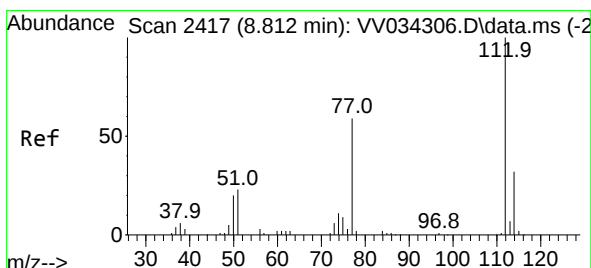
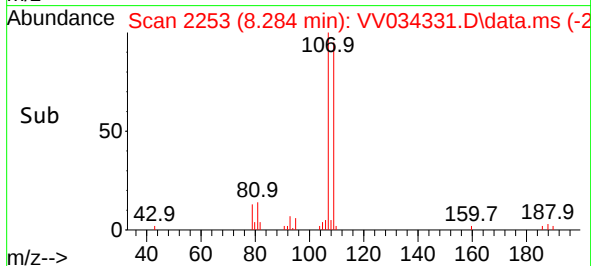
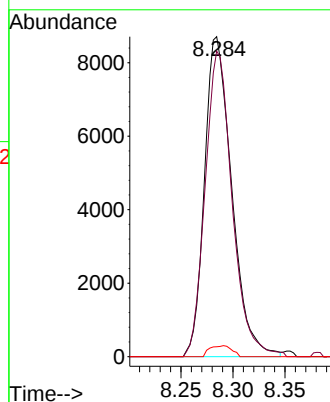
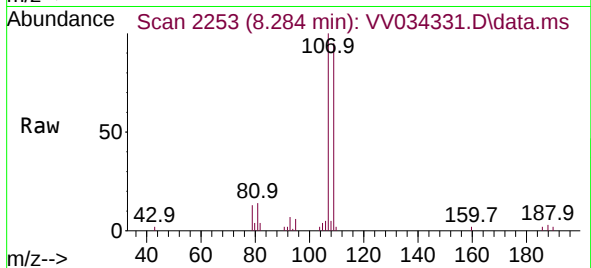
Acq: 21 Feb 2024 20:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	15858
Ion Ratio	Lower	Upper
107	100	
109	95.5	64.5 119.9
188	3.1	2.6 4.0



#51

Chlorobenzene

Concen: 5.482 ug/L

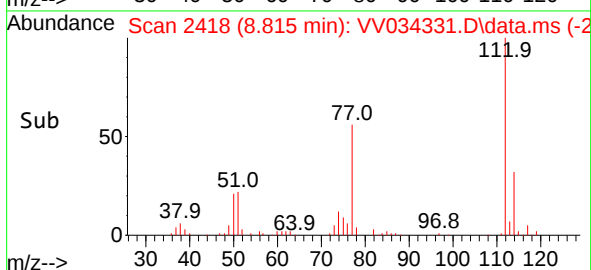
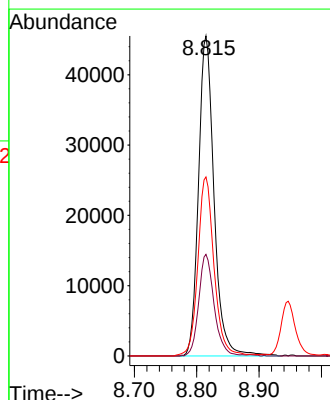
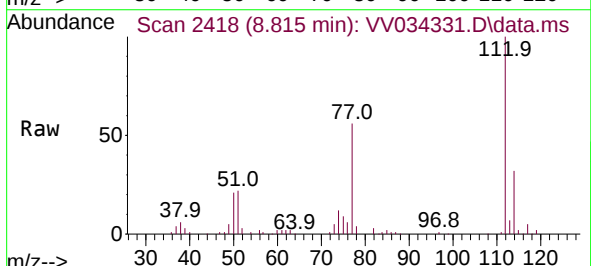
RT: 8.815 min Scan# 2418

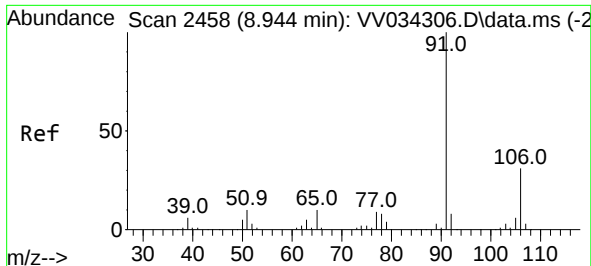
Delta R.T. 0.003 min

Lab File: VV034331.D

Acq: 21 Feb 2024 20:01

Tgt Ion:112	Resp:	78755
Ion Ratio	Lower	Upper
112	100	
114	31.7	22.5 41.7
77	56.0	48.1 72.1





#52

Ethylbenzene

Concen: 5.297 ug/L

RT: 8.947 min Scan# 2458

Delta R.T. 0.003 min

Lab File: VV034331.D

Acq: 21 Feb 2024 20:01

Instrument :

MSVOA_V

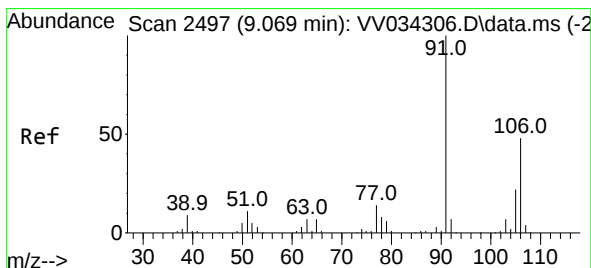
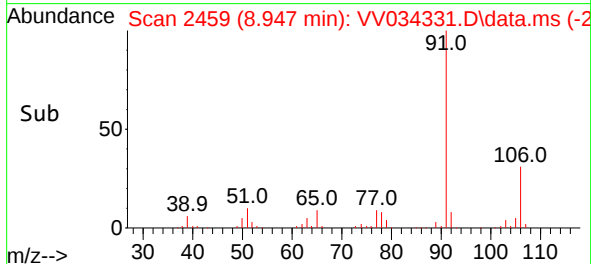
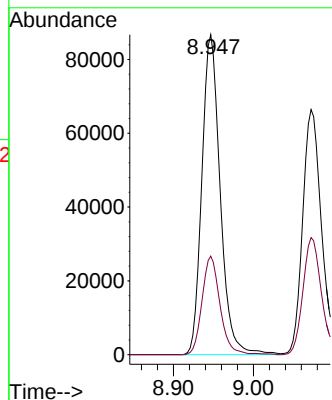
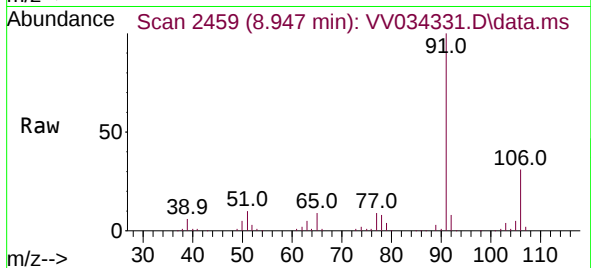
ClientSampleId :

Tgt Ion: 91 Resp: 138546

Ion Ratio Lower Upper

91 100

106 30.8 21.4 39.8



#53

m,p-Xylene

Concen: 5.243 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.003 min

Lab File: VV034331.D

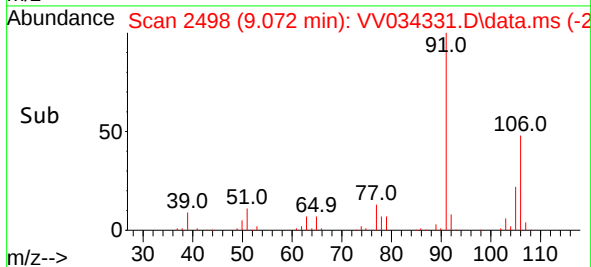
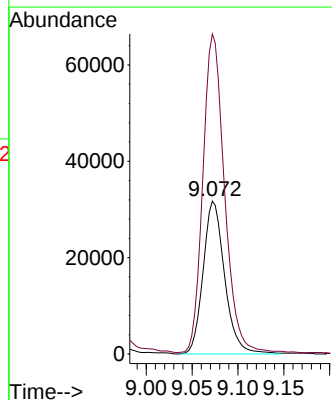
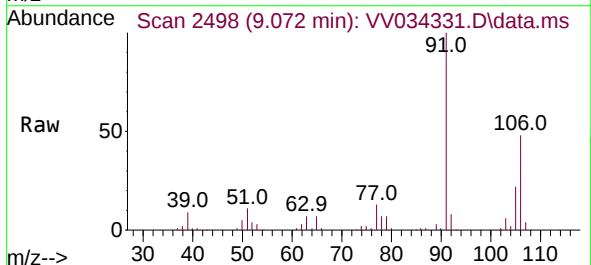
Acq: 21 Feb 2024 20:01

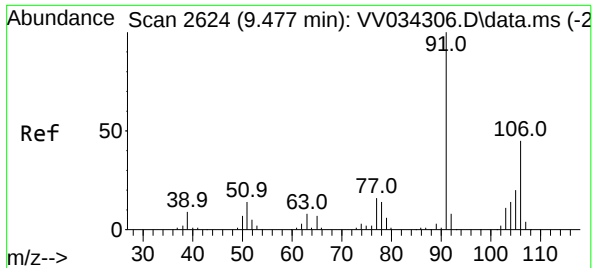
Tgt Ion:106 Resp: 51821

Ion Ratio Lower Upper

106 100

91 209.3 147.5 273.9

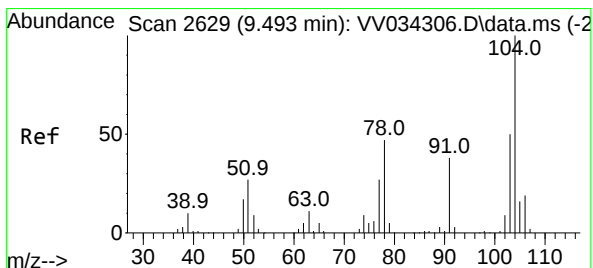
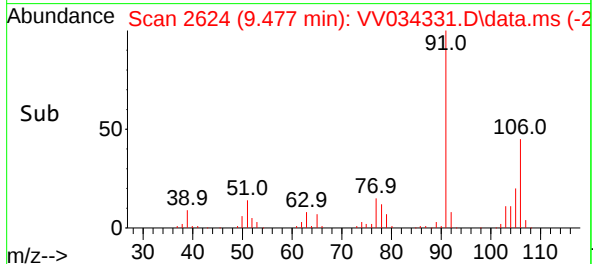
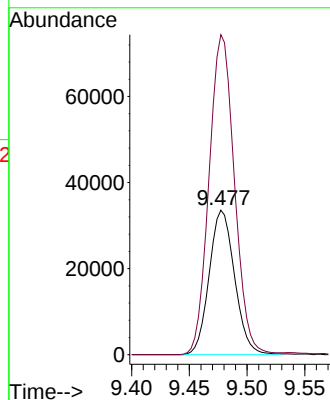
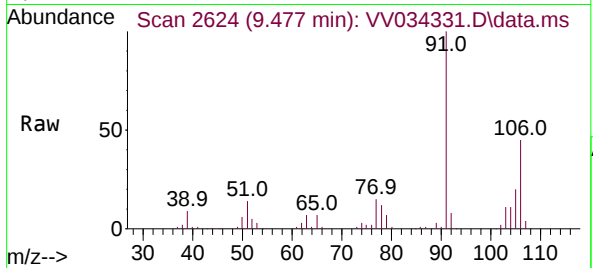




#54
o-Xylene
Concen: 5.390 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV034331.D
Acq: 21 Feb 2024 20:01

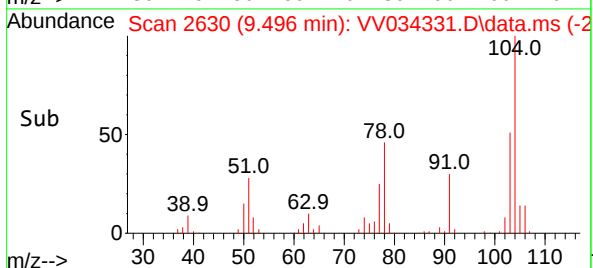
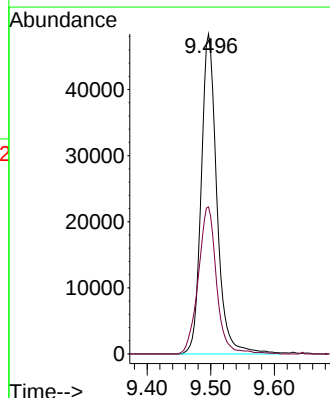
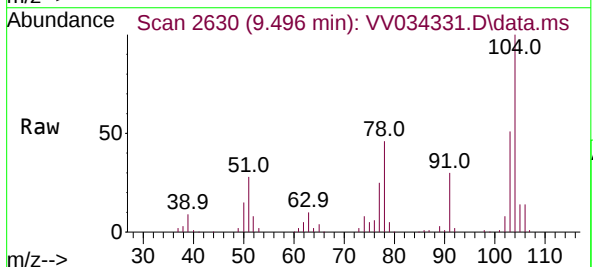
Instrument :
MSVOA_V
ClientSampleId :

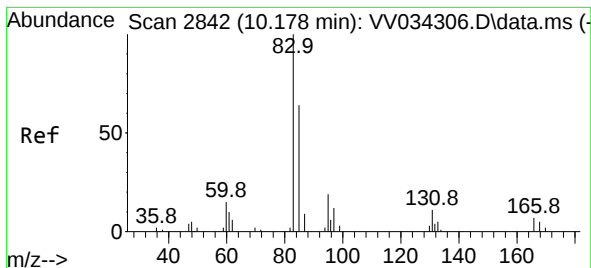
Tgt Ion:106 Resp: 51376
Ion Ratio Lower Upper
106 100
91 221.5 156.2 290.0



#55
Styrene
Concen: 5.438 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. 0.003 min
Lab File: VV034331.D
Acq: 21 Feb 2024 20:01

Tgt Ion:104 Resp: 82991
Ion Ratio Lower Upper
104 100
78 46.0 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.615 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. -0.000 min

Lab File: VV034331.D

Acq: 21 Feb 2024 20:01

Instrument :

MSVOA_V

ClientSampleId :

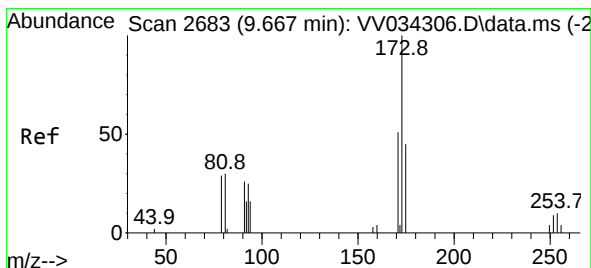
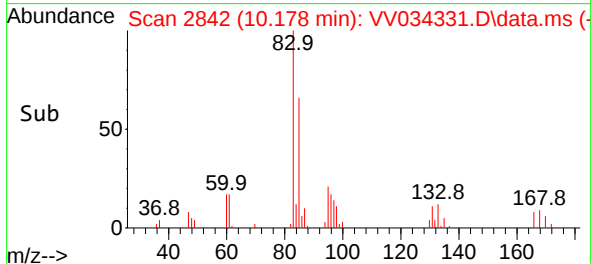
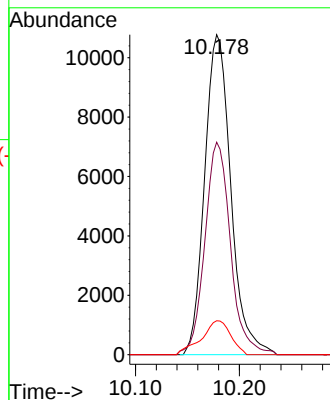
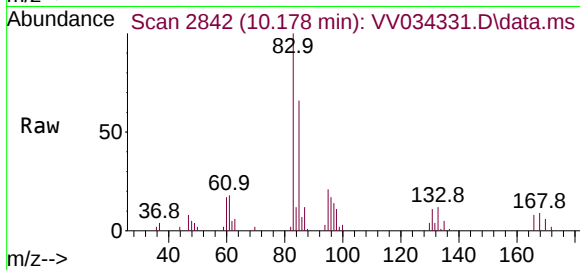
Tgt Ion: 83 Resp: 18847

Ion Ratio Lower Upper

83 100

85 66.4 46.5 86.3

131 10.6 8.4 12.6



#59

Bromoform

Concen: 4.220 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. -0.000 min

Lab File: VV034331.D

Acq: 21 Feb 2024 20:01

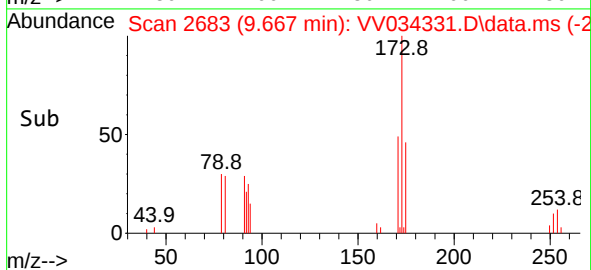
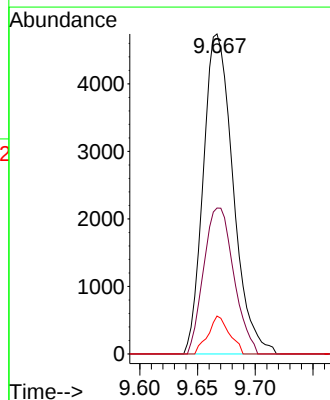
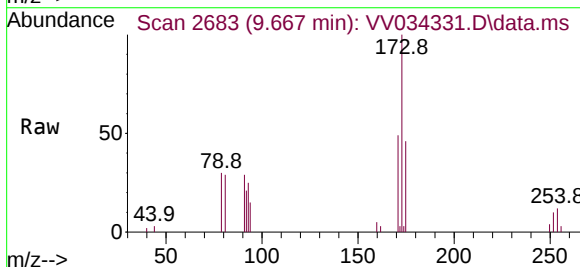
Tgt Ion: 173 Resp: 8513

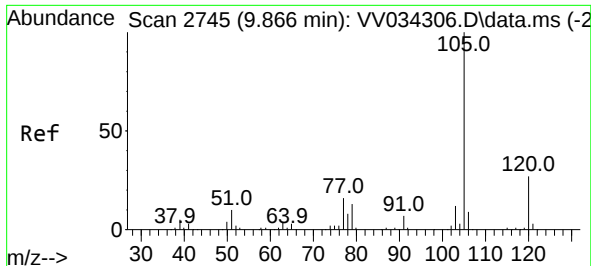
Ion Ratio Lower Upper

173 100

175 46.0 38.6 57.8

254 8.4 7.2 10.8

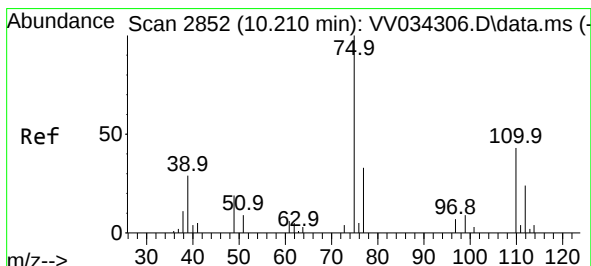
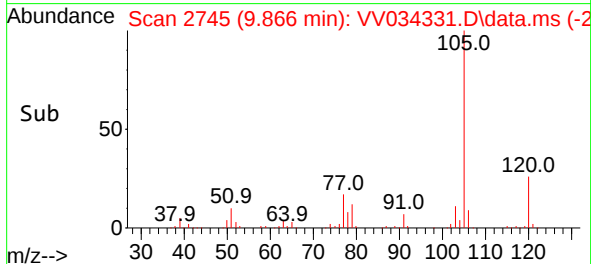
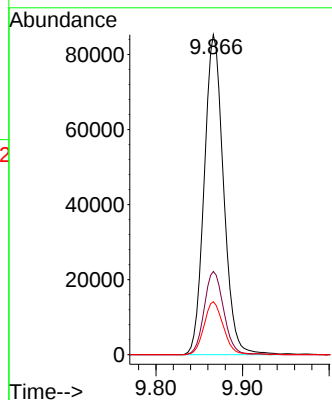
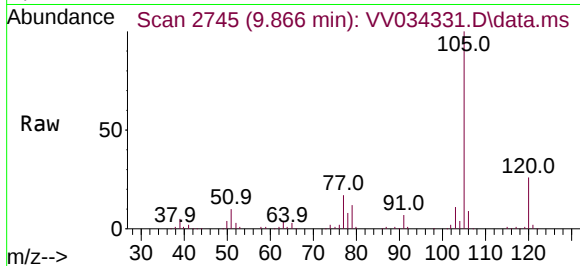




#60
Isopropylbenzene
Concen: 4.876 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034331.D
Acq: 21 Feb 2024 20:01

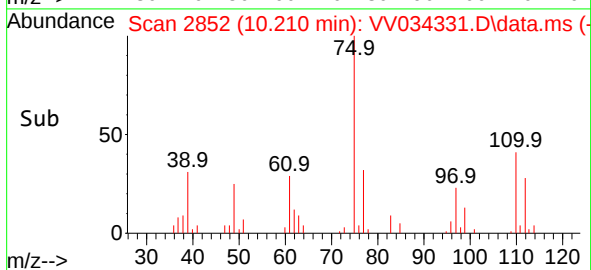
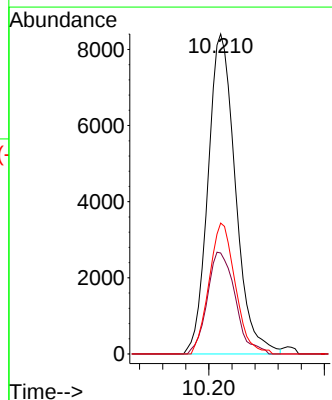
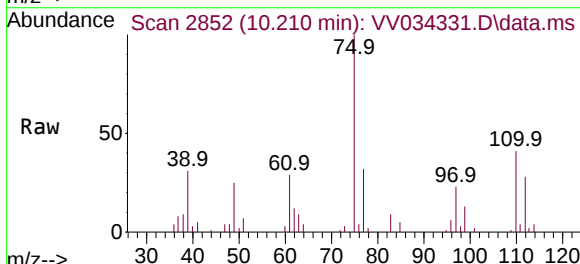
Instrument :
MSVOA_V
ClientSampleId :

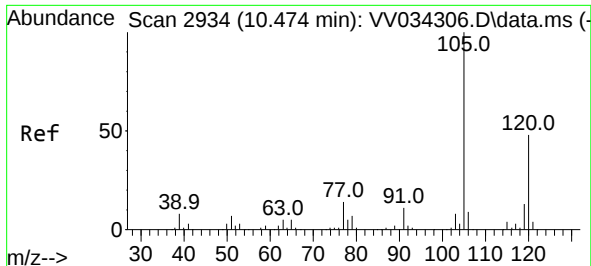
Tgt Ion:105 Resp: 132110
Ion Ratio Lower Upper
105 100
120 26.4 20.7 31.1
77 16.4 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.506 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV034331.D
Acq: 21 Feb 2024 20:01

Tgt Ion: 75 Resp: 13860
Ion Ratio Lower Upper
75 100
77 32.4 26.9 40.3
110 39.0 33.3 49.9

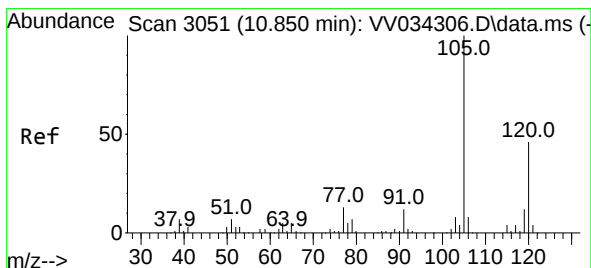
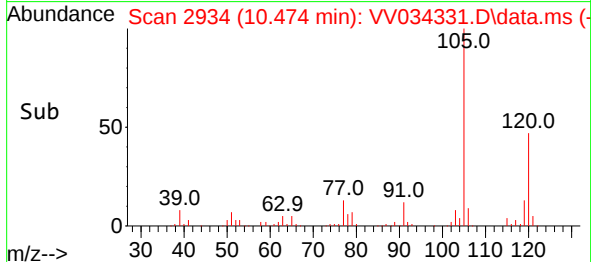
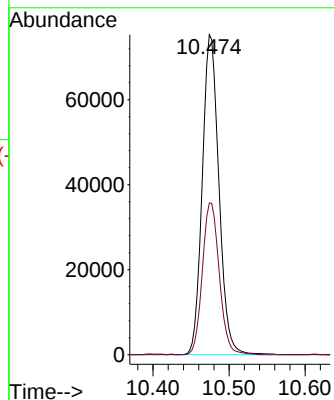
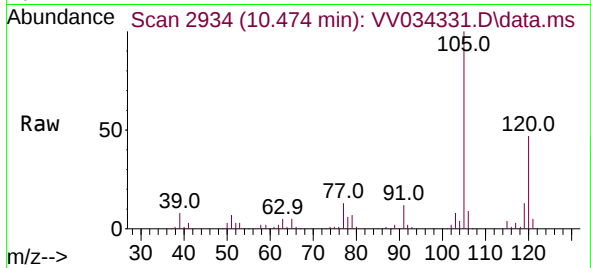




#62
1,3,5-Trimethylbenzene
Concen: 5.006 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. -0.000 min
Lab File: VV034331.D
Acq: 21 Feb 2024 20:01

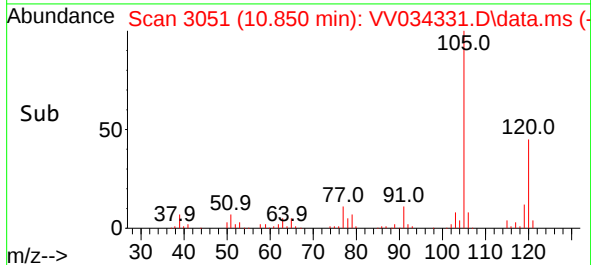
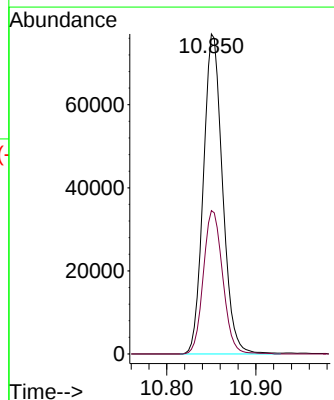
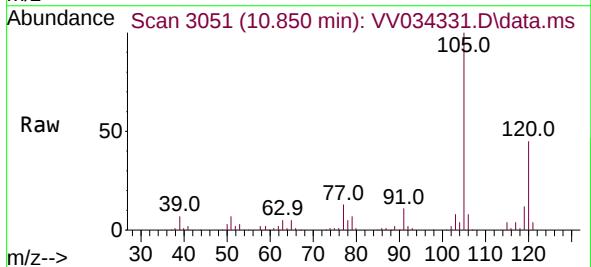
Instrument :
MSVOA_V
ClientSampleId :

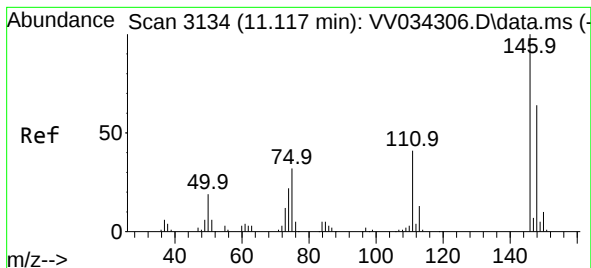
Tgt Ion:105 Resp: 114670
Ion Ratio Lower Upper
105 100
120 48.2 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.170 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV034331.D
Acq: 21 Feb 2024 20:01

Tgt Ion:105 Resp: 115059
Ion Ratio Lower Upper
105 100
120 45.2 36.2 54.2





#64

1,3-Dichlorobenzene

Concen: 5.186 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

Lab File: VV034331.D

Acq: 21 Feb 2024 20:01

Instrument :

MSVOA_V

ClientSampleId :

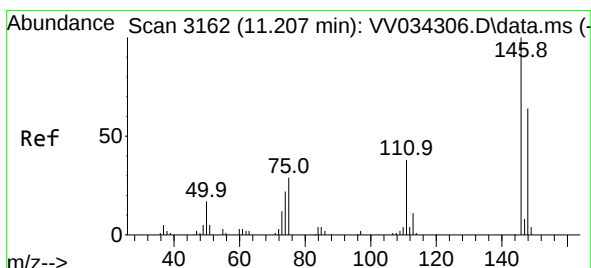
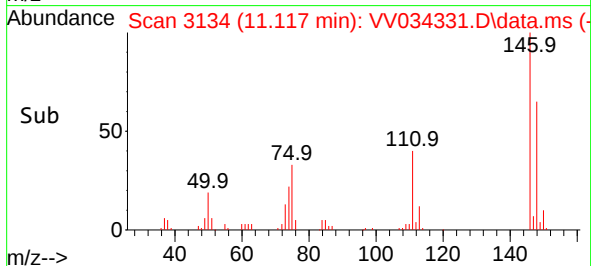
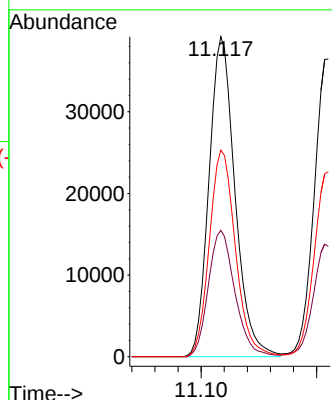
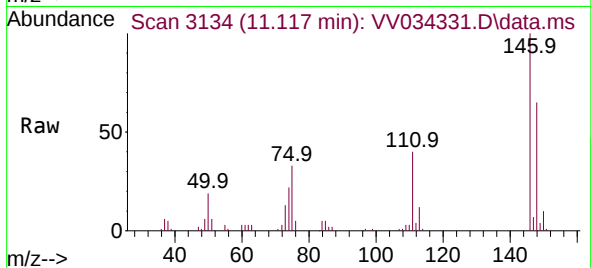
Tgt Ion:146 Resp: 61271

Ion Ratio Lower Upper

146 100

111 39.5 28.5 52.9

148 64.6 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 5.052 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV034331.D

Acq: 21 Feb 2024 20:01

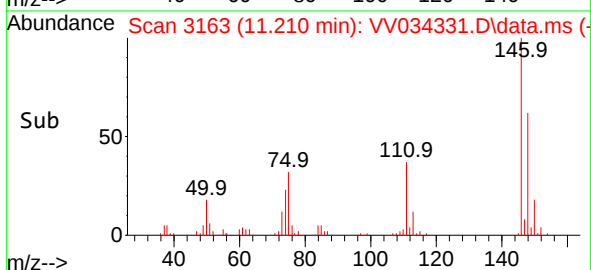
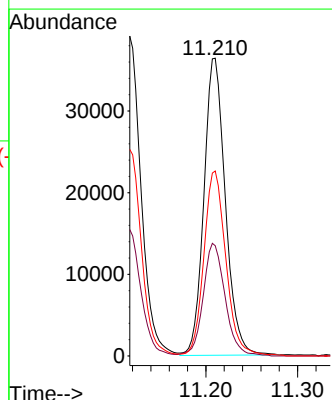
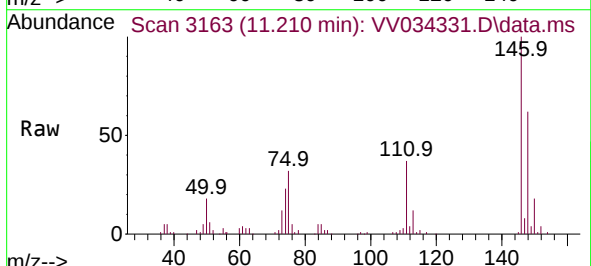
Tgt Ion:146 Resp: 59103

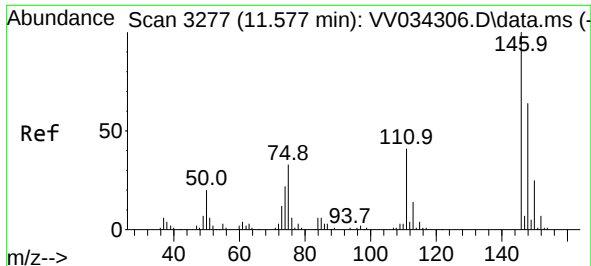
Ion Ratio Lower Upper

146 100

111 37.0 27.6 51.4

148 62.1 44.8 83.2

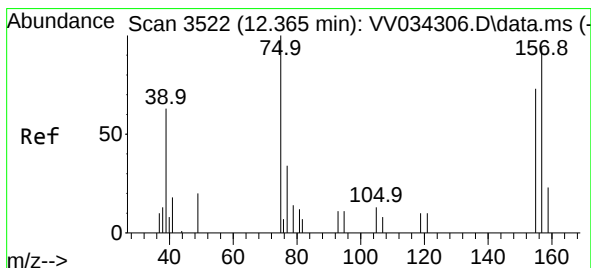
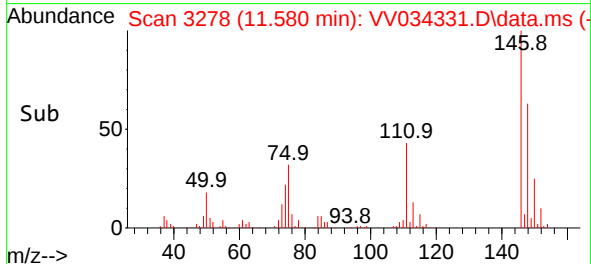
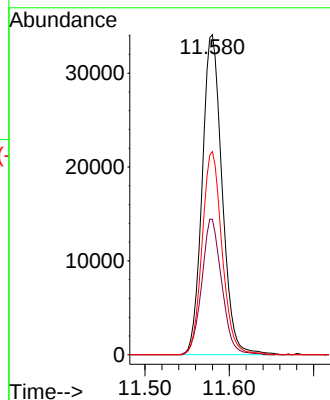
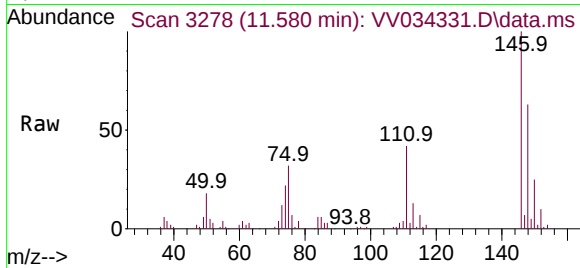




#67
 1,2-Dichlorobenzene
 Concen: 5.528 ug/L
 RT: 11.580 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV034331.D
 Acq: 21 Feb 2024 20:01

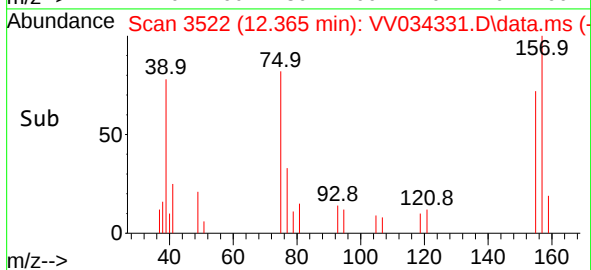
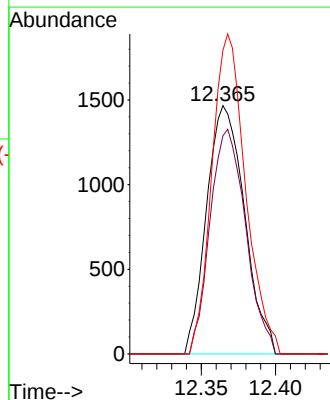
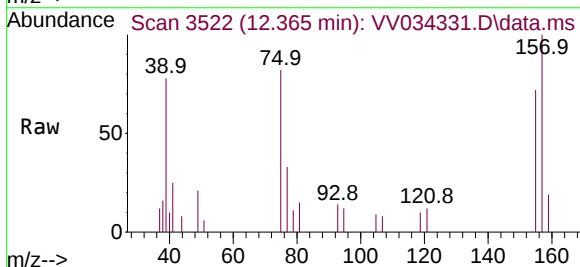
Instrument :
 MSVOA_V
 ClientSampleId :

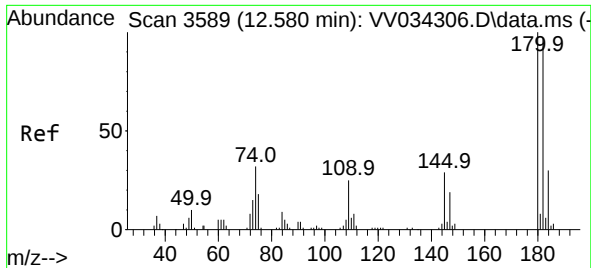
Tgt Ion:146 Resp: 56084
 Ion Ratio Lower Upper
 146 100
 111 42.3 31.2 46.8
 148 63.5 49.8 74.8



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.943 ug/L
 RT: 12.365 min Scan# 3522
 Delta R.T. -0.000 min
 Lab File: VV034331.D
 Acq: 21 Feb 2024 20:01

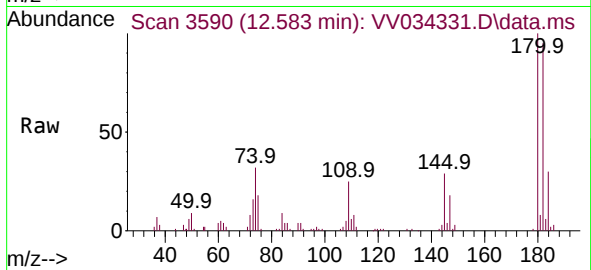
Tgt Ion: 75 Resp: 2608
 Ion Ratio Lower Upper
 75 100
 155 87.9 68.9 103.3
 157 122.3 84.6 127.0



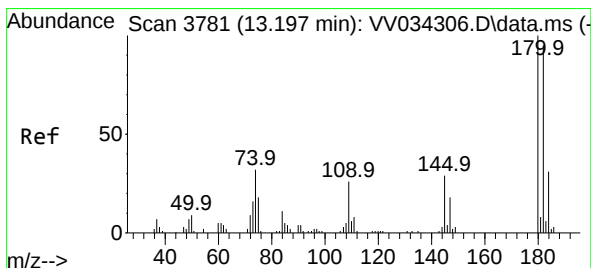
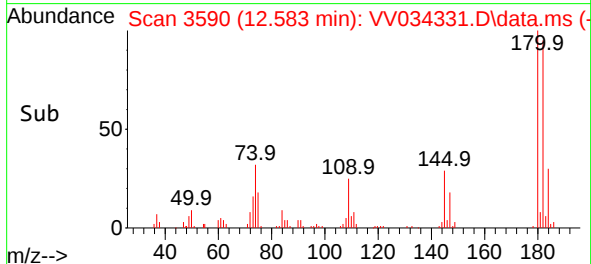
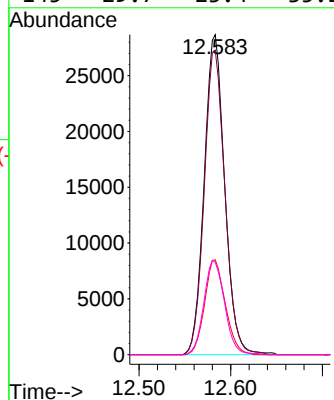


#69
 1,3,5-Trichlorobenzene
 Concen: 4.868 ug/L
 RT: 12.583 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV034331.D
 Acq: 21 Feb 2024 20:01

Instrument :
 MSVOA_V
 ClientSampleId :

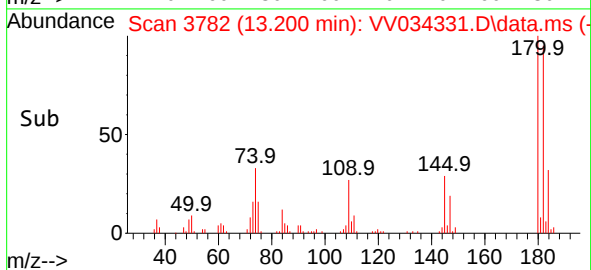
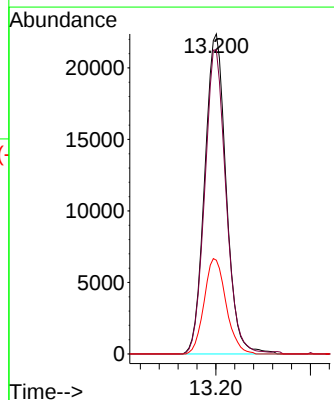
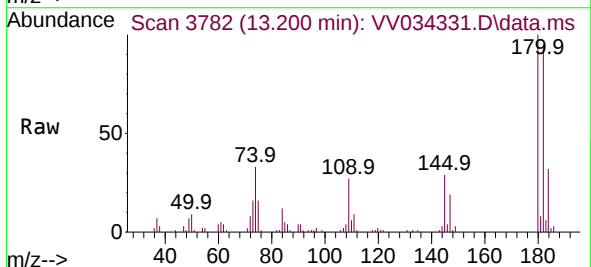


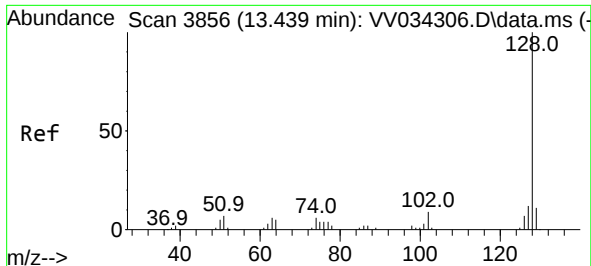
Tgt Ion:180 Resp: 44508
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.0 115.4
 184 29.9 23.8 35.6
 145 29.7 23.4 35.2



#70
 1,2,4-trichlorobenzene
 Concen: 4.935 ug/L
 RT: 13.200 min Scan# 3782
 Delta R.T. 0.003 min
 Lab File: VV034331.D
 Acq: 21 Feb 2024 20:01

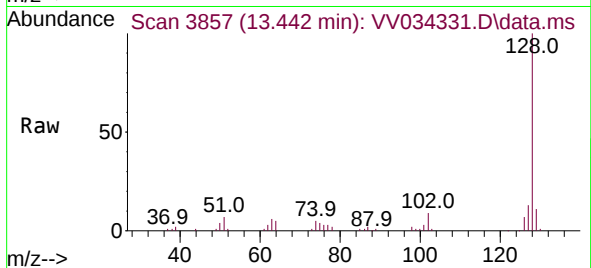
Tgt Ion:180 Resp: 35222
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.8 115.2
 145 30.5 24.8 37.2



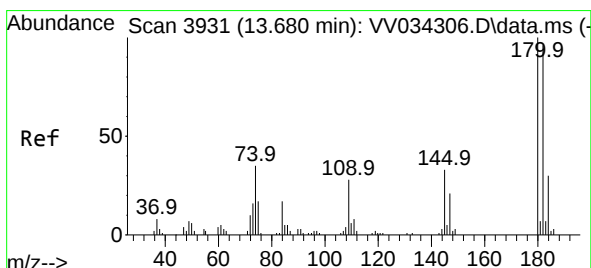
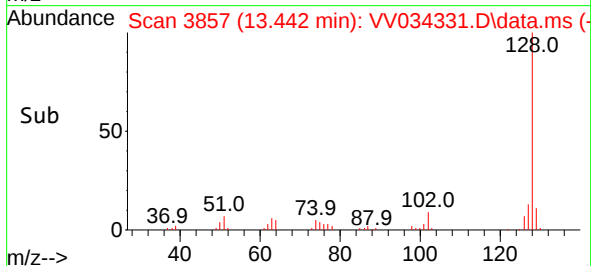
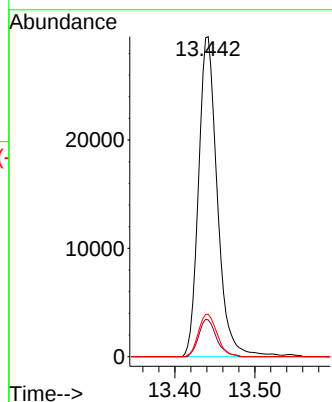


#71
Naphthalene
Concen: 5.171 ug/L
RT: 13.442 min Scan# 3856
Delta R.T. 0.003 min
Lab File: VV034331.D
Acq: 21 Feb 2024 20:01

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 48359
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 13.2 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.183 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV034331.D
Acq: 21 Feb 2024 20:01

Tgt Ion:180 Resp: 29642
Ion Ratio Lower Upper
180 100
182 96.5 75.0 112.6
145 32.6 25.2 37.8

