

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030822\
 Data File : VW024869.D
 Acq On : 08 Mar 2022 13:53
 Operator : SY/MD
 Sample : N1811-05MS
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 09 05:03:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 09 05:01:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	183171	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	169419	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	80000	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	68389	4.402	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.568	69	59931	4.702	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.111	63	120153	4.220	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	3.896	46	133214	60.028	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.060%
24) Chloroform-d	4.349	84	133256	5.497	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.000%
26) 1,2-Dichloroethane-d4	5.034	65	57271	5.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.050	84	268756	5.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.000%
36) 1,2-Dichloropropane-d6	6.069	67	81145	5.642	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.800%
41) Toluene-d8	7.313	98	235962	5.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
43) trans-1,3-Dichloroprop...	7.622	79	27809	5.804	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	116.000%
46) 2-Hexanone-d5	8.088	63	107060	56.783	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	47879	5.523	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	73752	5.328	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	77138	4.319	ug/L	99
3) Chloromethane	1.240	50	70927	3.976	ug/L	99
5) Vinyl chloride	1.311	62	78202	3.993	ug/L	98
6) Bromomethane	1.523	94	46450	3.970	ug/L	98
8) Chloroethane	1.587	64	48124	3.989	ug/L	99
9) Trichlorofluoromethane	1.754	101	107223	4.170	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	61102	4.092	ug/L	99
12) 1,1-Dichloroethene	2.118	96	60913	4.270	ug/L	93
13) Acetone	2.195	43	71341	45.586	ug/L	93
14) Carbon disulfide	2.294	76	175920	4.394	ug/L	99
15) Methyl Acetate	2.442	43	19107	4.663	ug/L	99
16) Methylene chloride	2.507	84	65878	4.690	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	131362	4.684	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	66831	4.797	ug/L	97
19) 1,1-Dichloroethane	3.191	63	121305	4.755	ug/L	99
21) 2-Butanone	3.982	43	118018	48.800	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	87268	5.926	ug/L	94
23) Bromochloromethane	4.249	128	27541	4.839	ug/L	95
25) Chloroform	4.378	83	124624	4.676	ug/L	99

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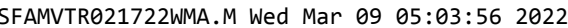
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 ClientSampleId :

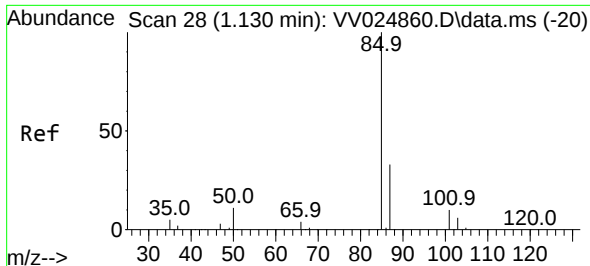
Quant Time: Mar 09 05:03:50 2022
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	62685	4.407	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	107578	4.731	ug/L	96
30) Cyclohexane	4.677	56	101415	4.397	ug/L	95
31) Carbon tetrachloride	4.828	117	91090	4.765	ug/L	100
33) Benzene	5.098	78	270668	4.719	ug/L	100
34) Trichloroethene	5.912	95	875969	57.649	ug/L	97
35) Methylcyclohexane	6.130	83	114007	4.644	ug/L	97
37) 1,2-Dichloropropane	6.172	63	66562	4.911	ug/L	99
38) Bromodichloromethane	6.510	83	81633	4.785	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	91669	4.877	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	295345	45.815	ug/L	96
42) Toluene	7.387	91	285522	4.675	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	71594	4.767	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	42643	4.837	ug/L	98
47) Tetrachloroethene	7.976	164	47815	4.621	ug/L	93
48) 2-Hexanone	8.140	43	205445	45.327	ug/L	95
49) Dibromochloromethane	8.246	129	48878	4.996	ug/L	100
50) 1,2-Dibromoethane	8.352	107	39219	4.875	ug/L	97
51) Chlorobenzene	8.879	112	180862	4.734	ug/L	99
52) Ethylbenzene	9.011	91	309537	4.644	ug/L	99
53) m,p-xylene	9.137	106	120182	4.770	ug/L	98
54) o-xylene	9.542	106	113896	4.626	ug/L	98
55) Styrene	9.558	104	191273	4.776	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	42903	4.601	ug/L	100
59) Bromoform	9.731	173	21477	5.303	ug/L	98
60) Isopropylbenzene	9.931	105	311023	4.700	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	33594	4.634	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	257557	4.669	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	254321	4.645	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	133580	4.786	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	131330	4.712	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	118344	4.807	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6056	4.885	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	91767	4.637	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	73198	4.695	ug/L	98
71) Naphthalene	13.500	128	120294	4.537	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	62945	4.824	ug/L	99

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

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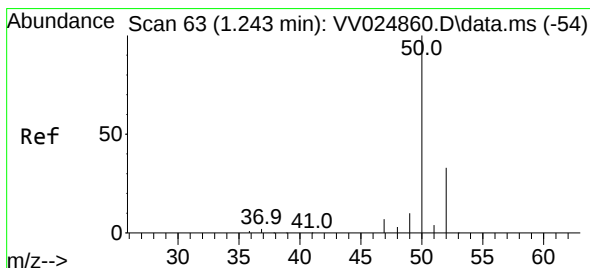
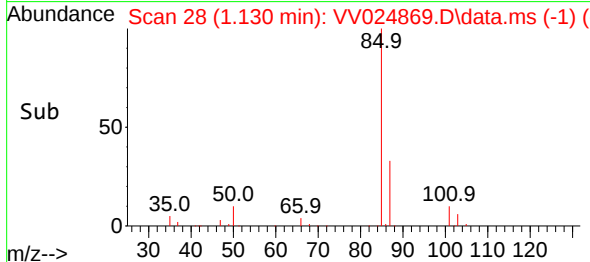
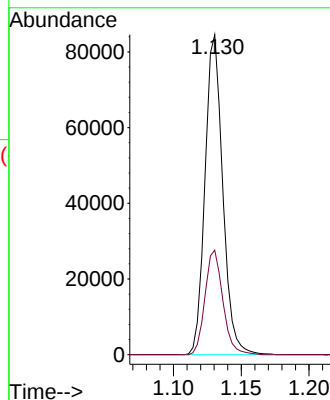
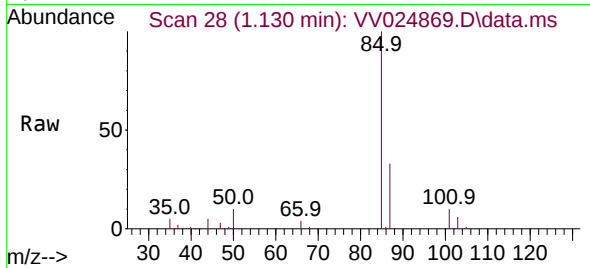




#2
 Dichlorodifluoromethane
 Concen: 4.319 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV024869.D
 Acq: 08 Mar 2022 13:53

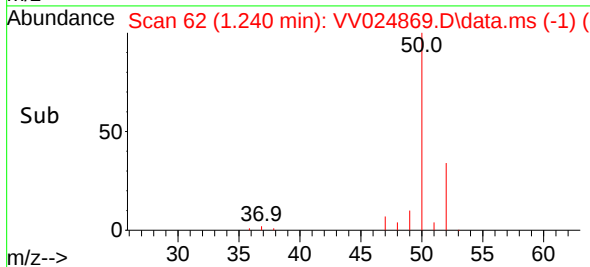
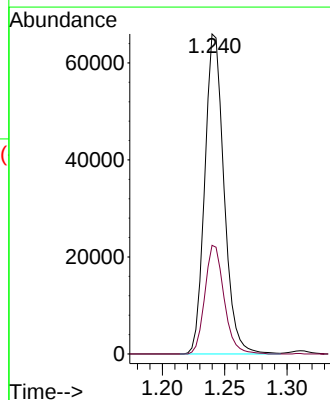
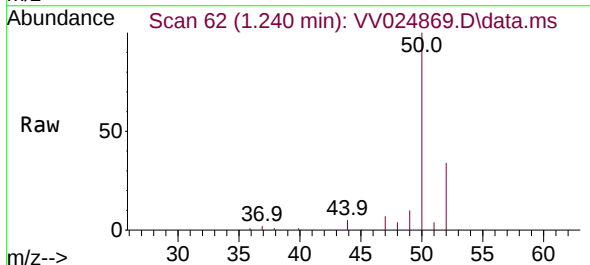
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 ClientSampleId :

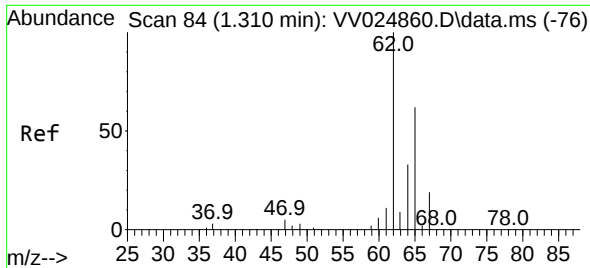
Tgt Ion: 85 Resp: 77138
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.9 38.9



#3
 Chloromethane
 Concen: 3.976 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV024869.D
 Acq: 08 Mar 2022 13:53

Tgt Ion: 50 Resp: 70927
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.3 43.3

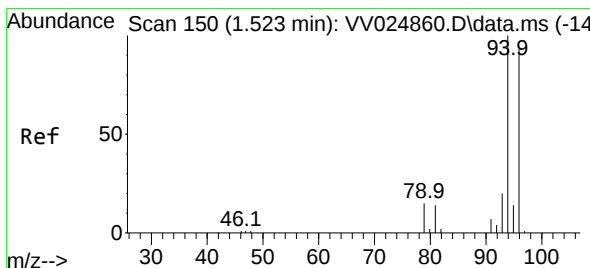
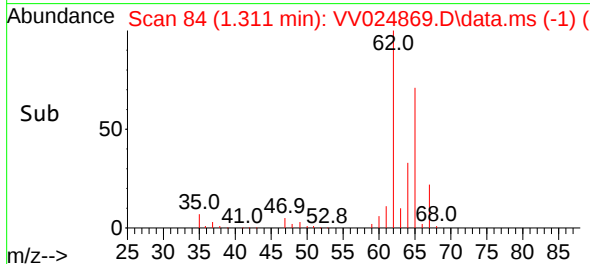
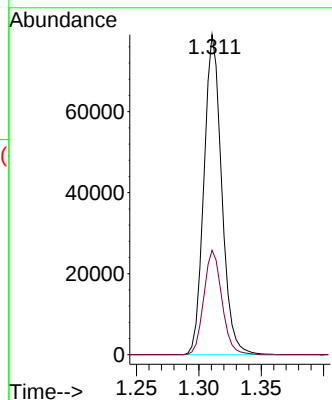
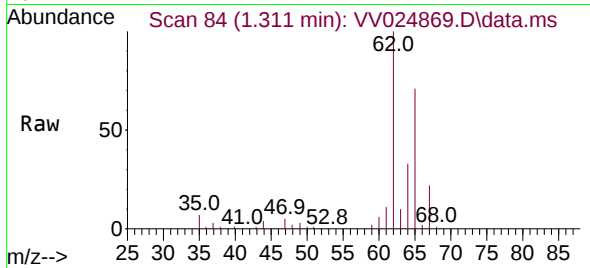




#5
 Vinyl chloride
 Concen: 3.993 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024869.D
 Acq: 08 Mar 2022 13:53

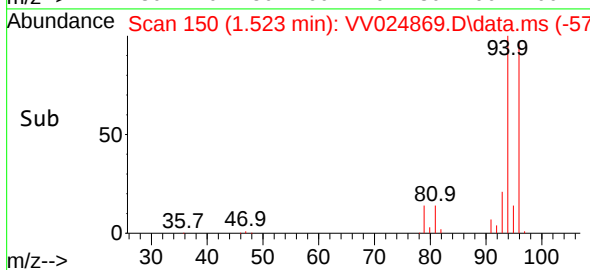
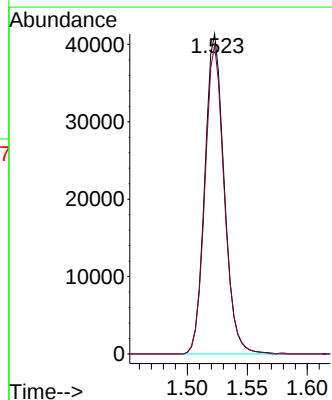
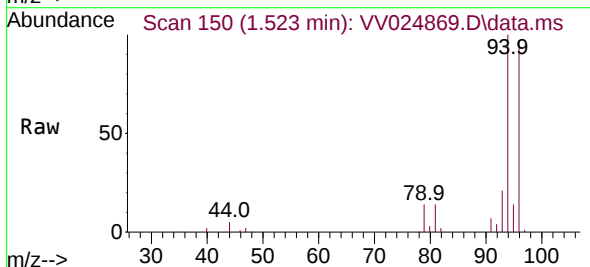
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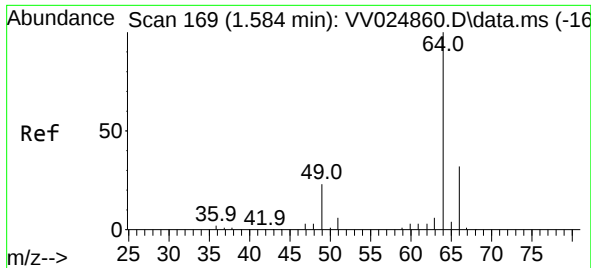
Tgt Ion: 62 Resp: 78202
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.2 41.2



#6
 Bromomethane
 Concen: 3.970 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024869.D
 Acq: 08 Mar 2022 13:53

Tgt Ion: 94 Resp: 46450
 Ion Ratio Lower Upper
 94 100
 96 96.5 66.5 123.5

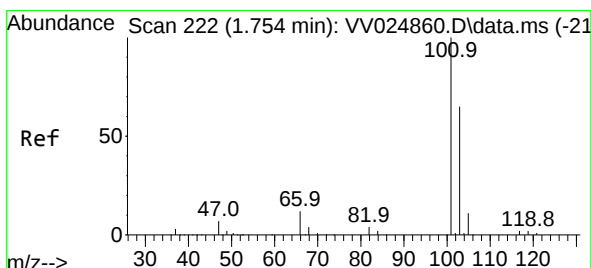
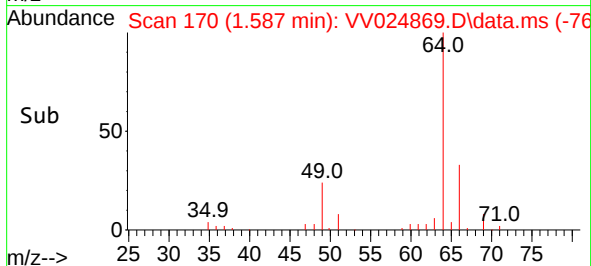
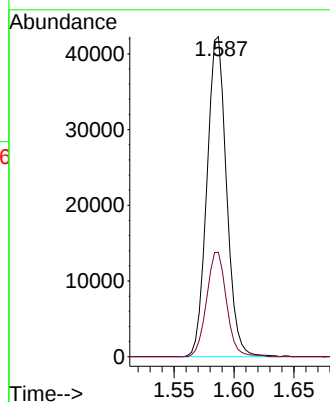
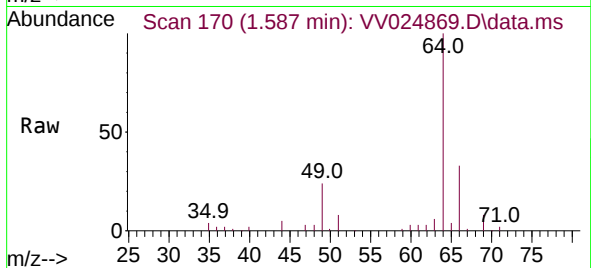




#8
Chloroethane
Concen: 3.989 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

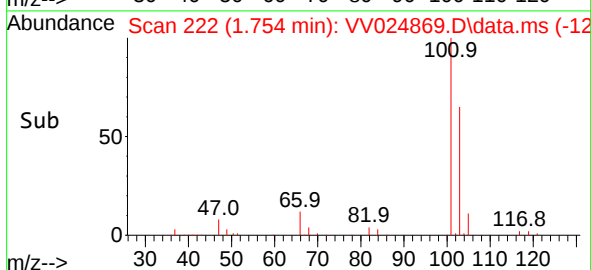
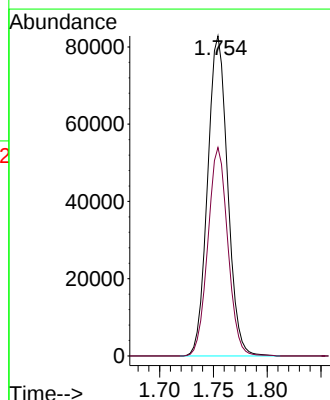
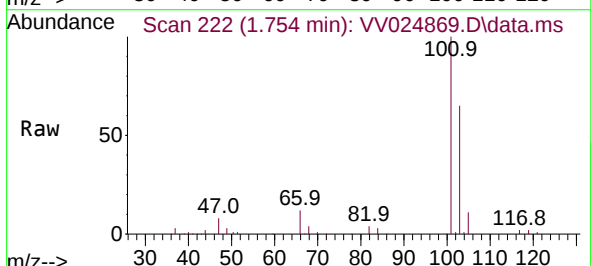
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ClientSampleId :

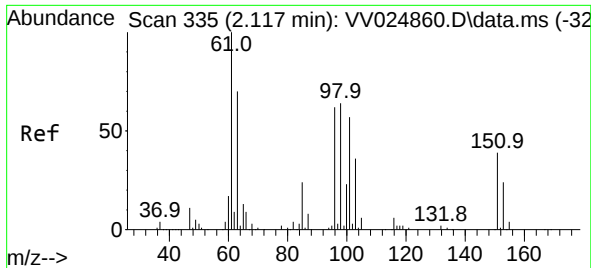
Tgt Ion: 64 Resp: 48124
Ion Ratio Lower Upper
64 100
66 32.6 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.170 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

Tgt Ion:101 Resp: 107223
Ion Ratio Lower Upper
101 100
103 64.9 50.7 76.1

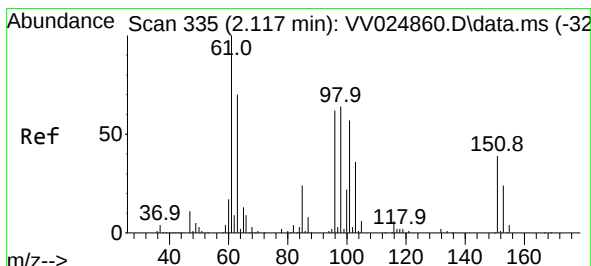
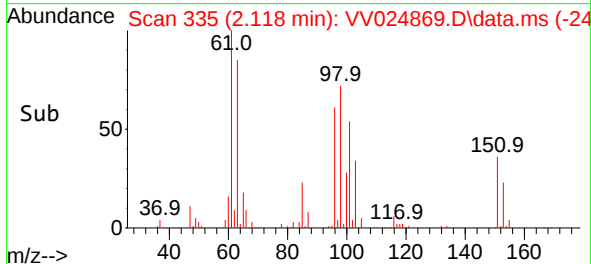
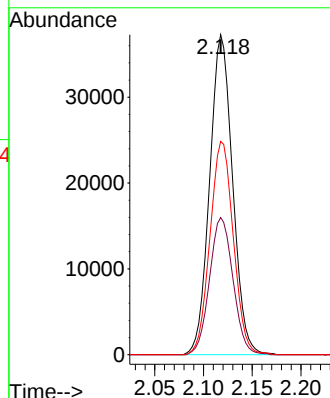
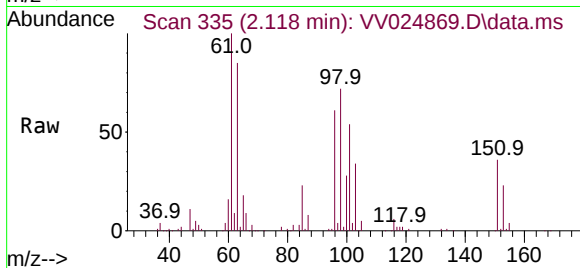




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.092 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024869.D
 Acq: 08 Mar 2022 13:53

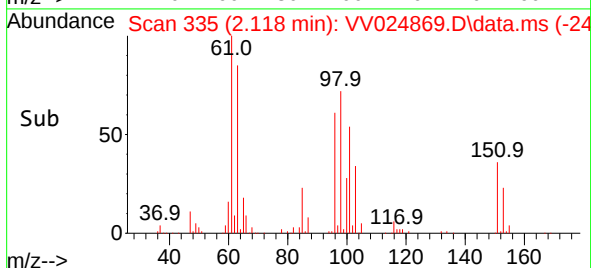
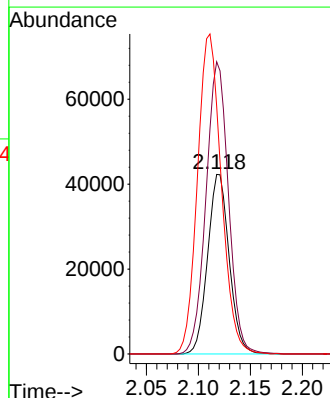
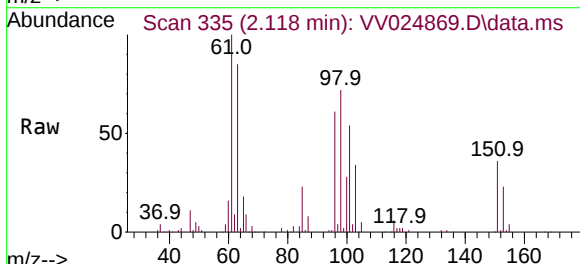
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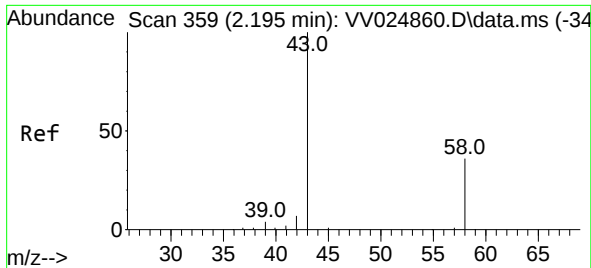
Tgt Ion:101 Resp: 61102
 Ion Ratio Lower Upper
 101 100
 85 43.8 34.7 52.1
 151 67.9 53.5 80.3



#12
 1,1-Dichloroethene
 Concen: 4.270 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024869.D
 Acq: 08 Mar 2022 13:53

Tgt Ion: 96 Resp: 60913
 Ion Ratio Lower Upper
 96 100
 61 162.7 116.3 216.1
 63 137.9 86.0 159.6





#13

Acetone

Concen: 45.586 ug/L

RT: 2.195 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV024869.D

Acq: 08 Mar 2022 13:53

Instrument :

MSVOA_V

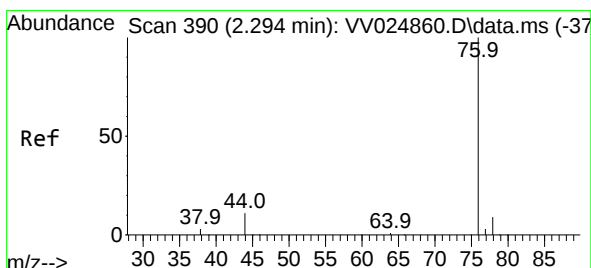
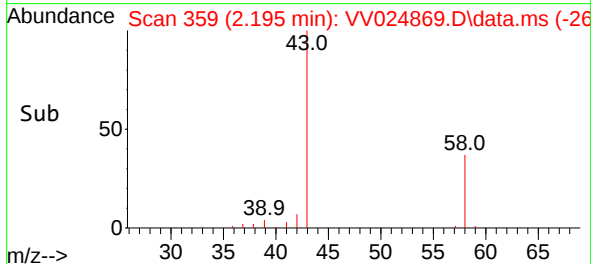
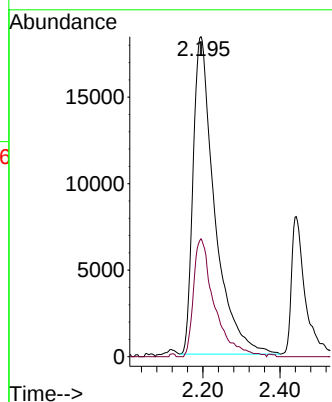
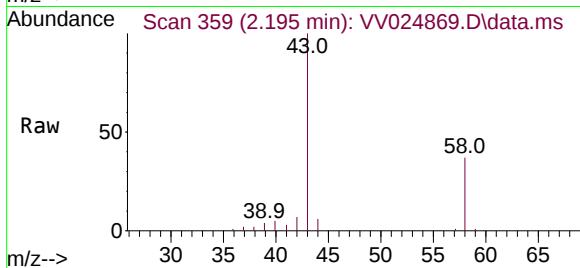
ClientSampleId :

Tgt Ion: 43 Resp: 71341

Ion Ratio Lower Upper

43 100

58 35.6 0.0 63.6



#14

Carbon disulfide

Concen: 4.394 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV024869.D

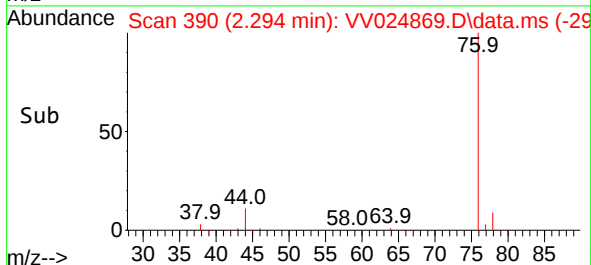
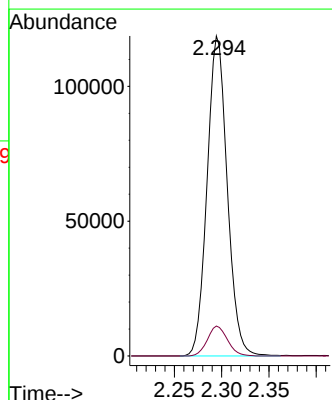
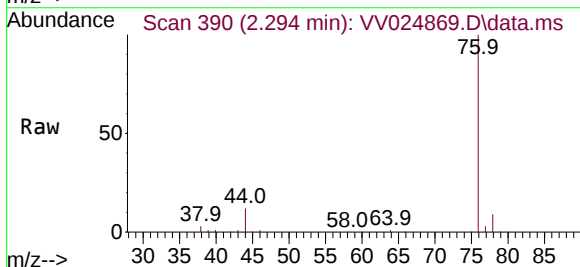
Acq: 08 Mar 2022 13:53

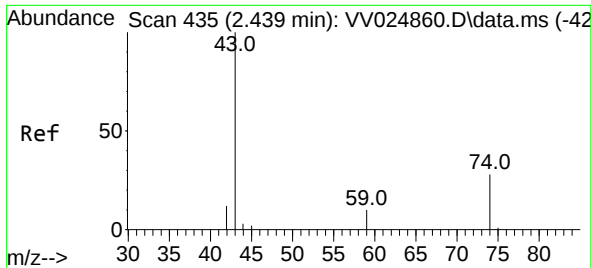
Tgt Ion: 76 Resp: 175920

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9





#15

Methyl Acetate

Concen: 4.663 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV024869.D

Acq: 08 Mar 2022 13:53

Instrument :

MSVOA_V

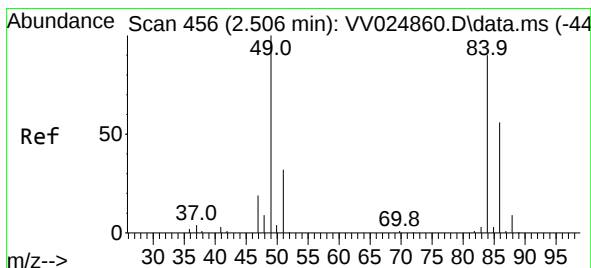
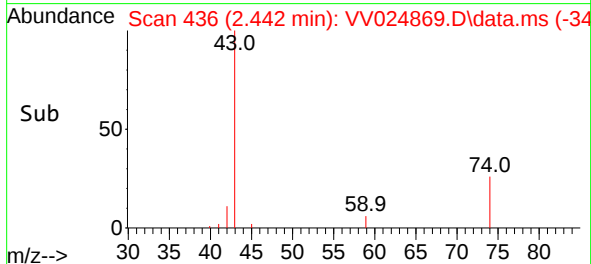
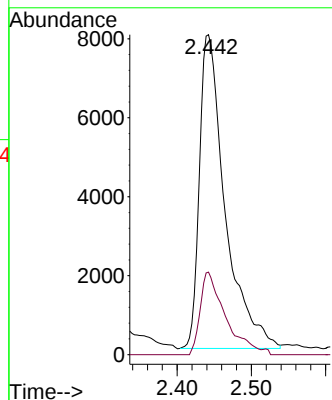
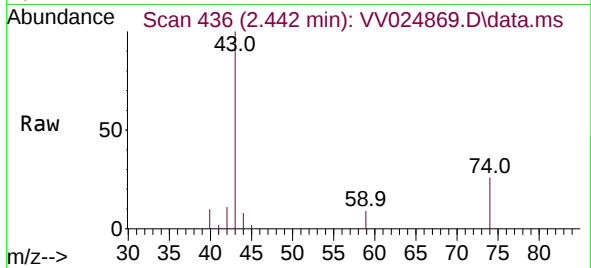
ClientSampleId :

Tgt Ion: 43 Resp: 19107

Ion Ratio Lower Upper

43 100

74 25.6 20.8 31.2



#16

Methylene chloride

Concen: 4.690 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.000 min

Lab File: VV024869.D

Acq: 08 Mar 2022 13:53

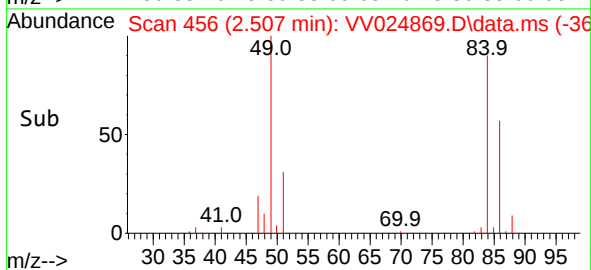
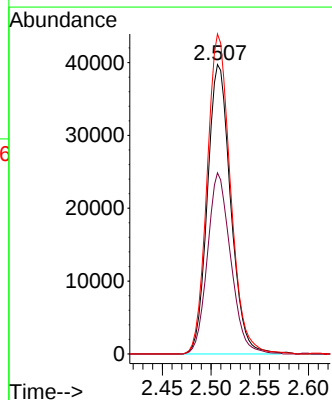
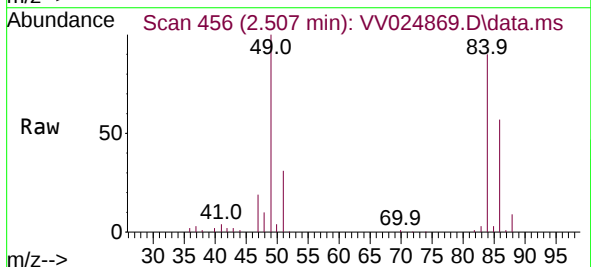
Tgt Ion: 84 Resp: 65878

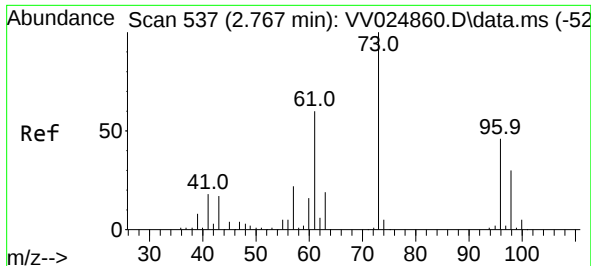
Ion Ratio Lower Upper

84 100

86 62.6 45.1 83.7

49 110.6 83.5 155.1

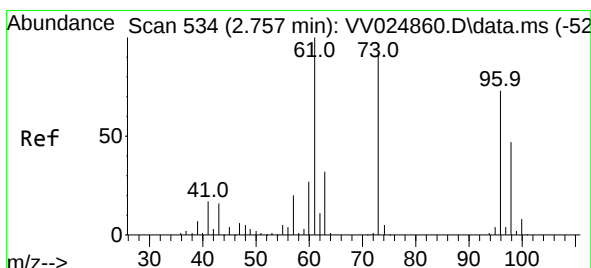
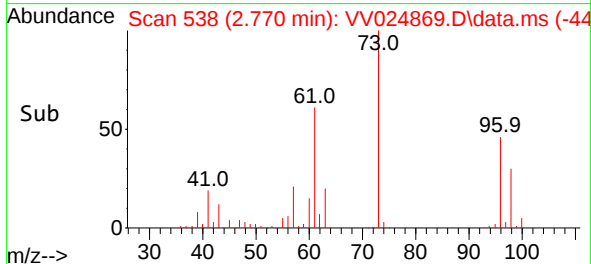
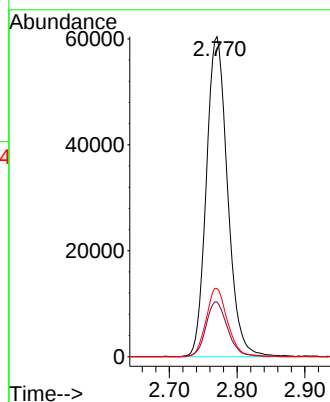
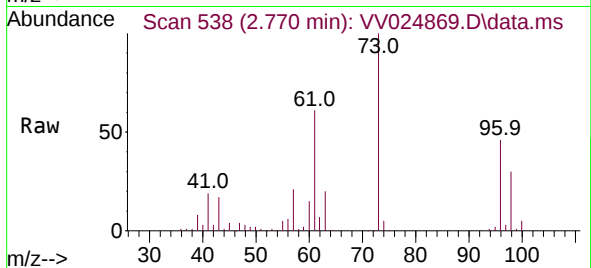




#17
Methyl tert-butyl Ether
Concen: 4.684 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

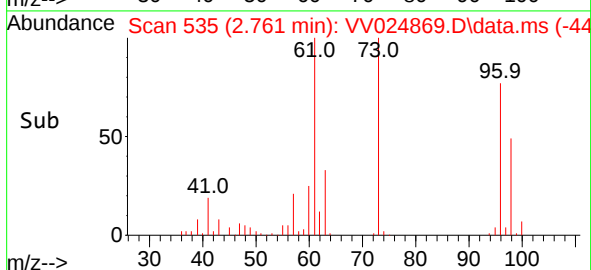
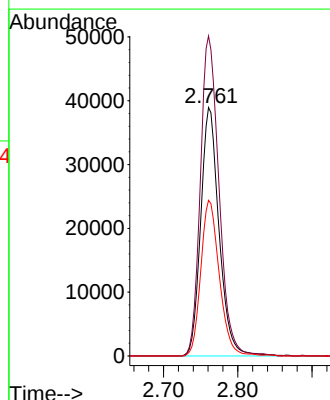
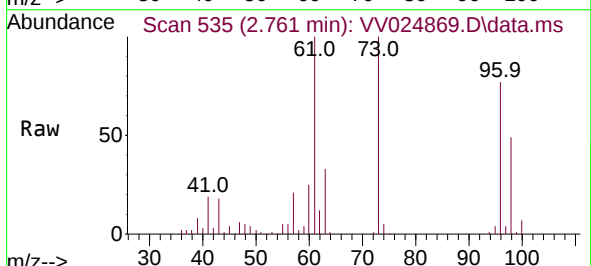
Instrument :
MSVOA_V
ClientSampleId :

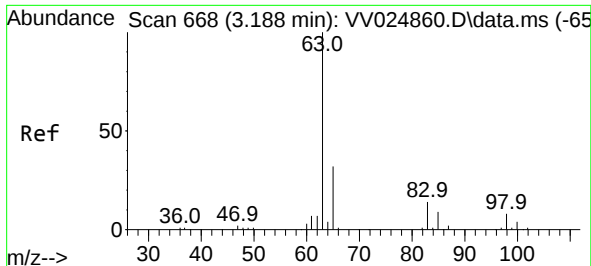
Tgt Ion: 73 Resp: 131362
Ion Ratio Lower Upper
73 100
43 17.6 15.1 22.7
57 21.5 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 4.797 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

Tgt Ion: 96 Resp: 66831
Ion Ratio Lower Upper
96 100
61 128.8 92.9 172.5
98 62.6 44.5 82.7





#19

1,1-Dichloroethane

Concen: 4.755 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.003 min

Lab File: VV024869.D

Acq: 08 Mar 2022 13:53

Instrument :

MSVOA_V

ClientSampleId :

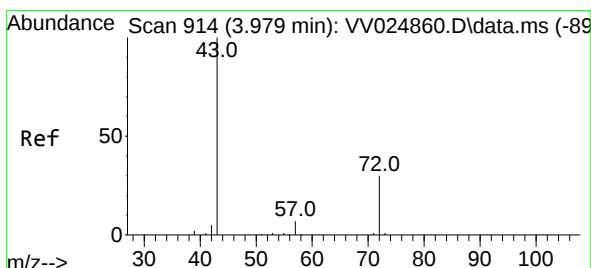
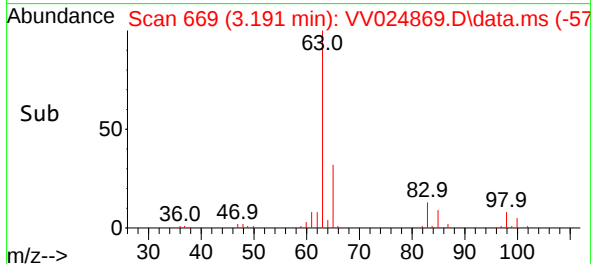
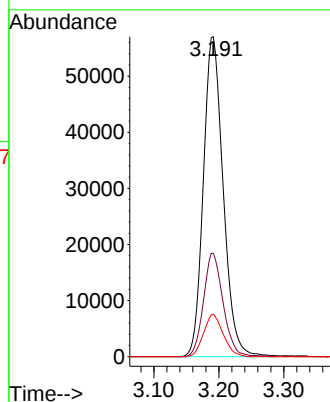
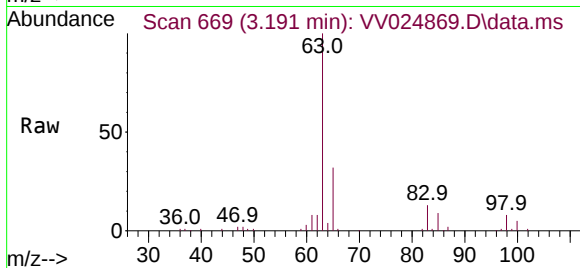
Tgt Ion: 63 Resp: 121305

Ion Ratio Lower Upper

63 100

65 32.3 22.0 40.8

83 13.2 9.5 17.7



#21

2-Butanone

Concen: 48.800 ug/L

RT: 3.982 min Scan# 915

Delta R.T. 0.003 min

Lab File: VV024869.D

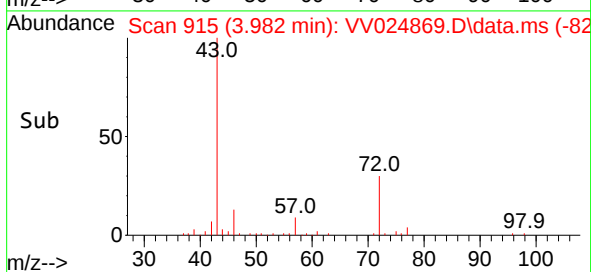
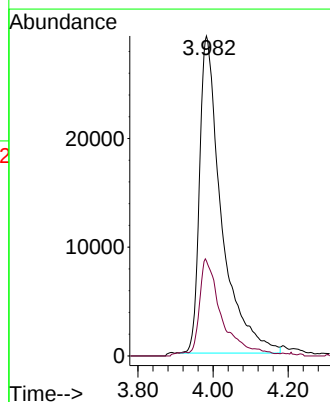
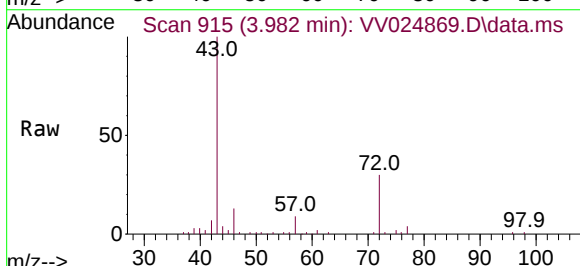
Acq: 08 Mar 2022 13:53

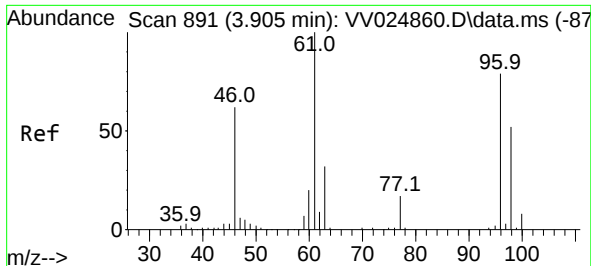
Tgt Ion: 43 Resp: 118018

Ion Ratio Lower Upper

43 100

72 27.5 13.2 39.6





#22

cis-1,2-Dichloroethene

Concen: 5.926 ug/L

RT: 3.912 min Scan# 891

Delta R.T. 0.007 min

Lab File: VV024869.D

Acq: 08 Mar 2022 13:53

Instrument :

MSVOA_V

ClientSampleId :

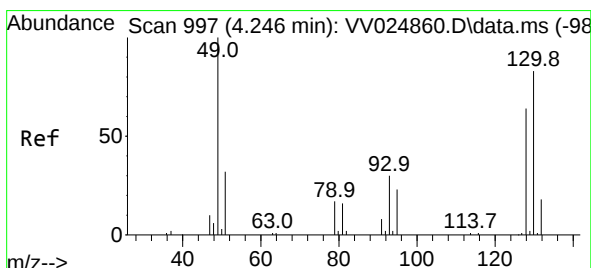
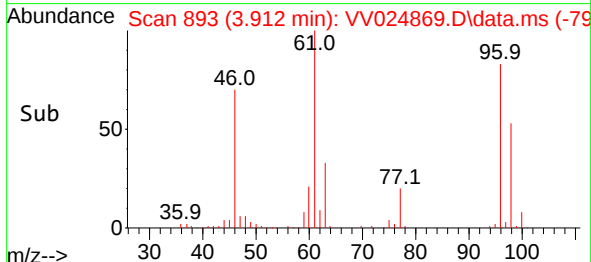
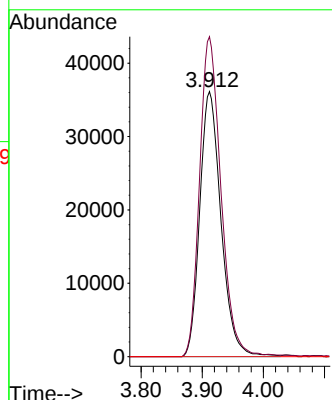
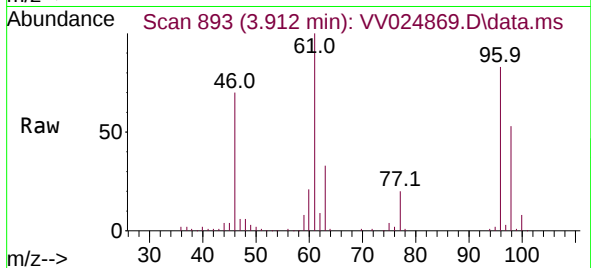
Tgt Ion: 96 Resp: 87268

Ion Ratio Lower Upper

96 100

61 120.7 89.7 166.5

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.839 ug/L

RT: 4.249 min Scan# 998

Delta R.T. 0.003 min

Lab File: VV024869.D

Acq: 08 Mar 2022 13:53

Tgt Ion: 128 Resp: 27541

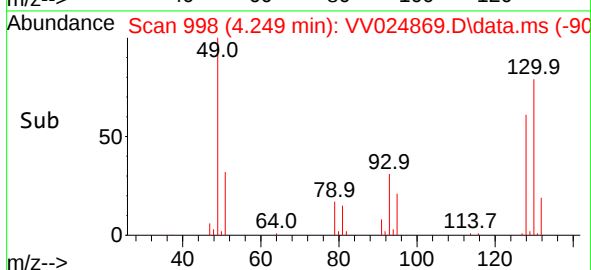
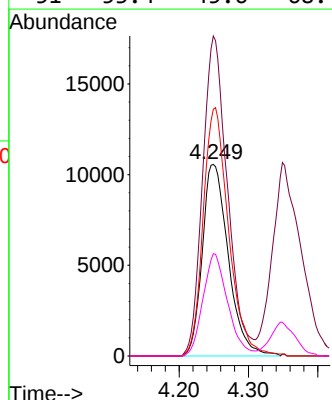
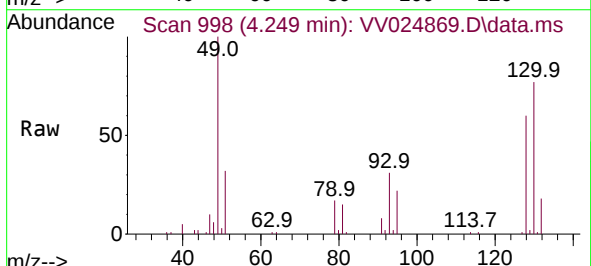
Ion Ratio Lower Upper

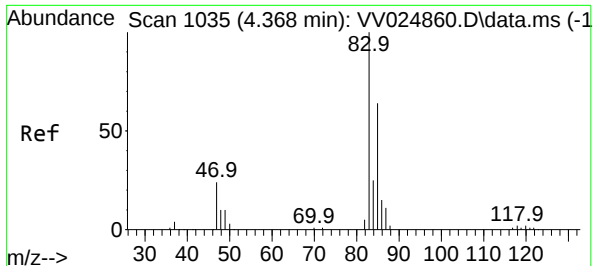
128 100

49 167.1 124.2 230.6

130 128.8 92.1 171.1

51 53.4 45.6 68.4





#25

Chloroform

Concen: 4.676 ug/L

RT: 4.378 min Scan# 1035

Delta R.T. 0.010 min

Lab File: VV024869.D

Acq: 08 Mar 2022 13:53

Instrument :

MSVOA_V

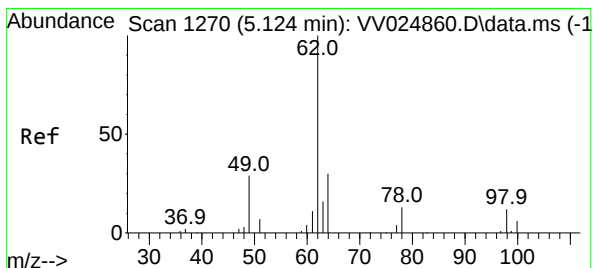
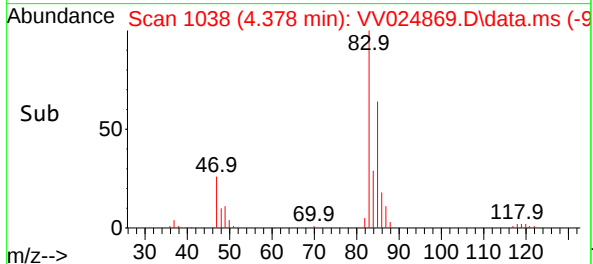
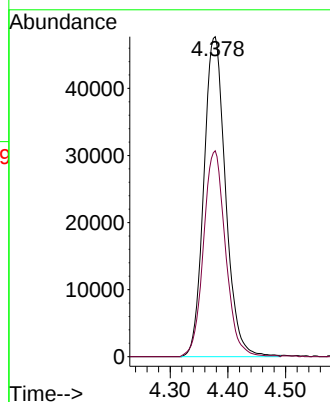
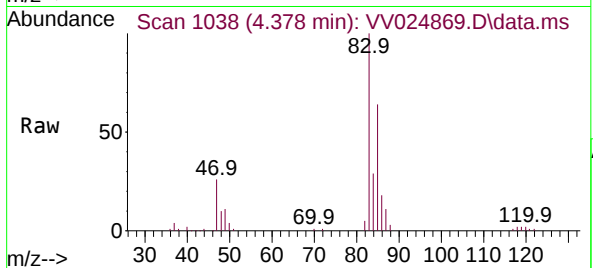
ClientSampleId :

Tgt Ion: 83 Resp: 124624

Ion Ratio Lower Upper

83 100

85 64.3 45.5 84.5



#27

1,2-Dichloroethane

Concen: 4.407 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.007 min

Lab File: VV024869.D

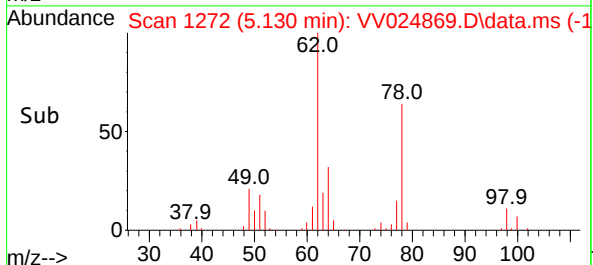
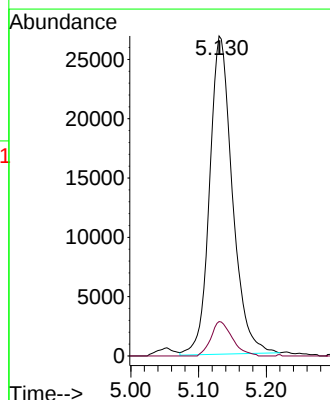
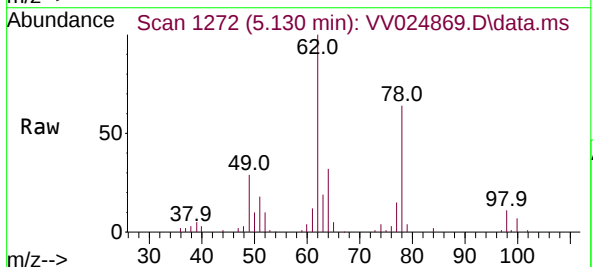
Acq: 08 Mar 2022 13:53

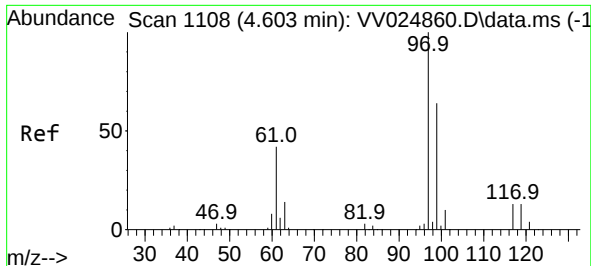
Tgt Ion: 62 Resp: 62685

Ion Ratio Lower Upper

62 100

98 10.8 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 4.731 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV024869.D

Acq: 08 Mar 2022 13:53

Instrument :

MSVOA_V

ClientSampleId :

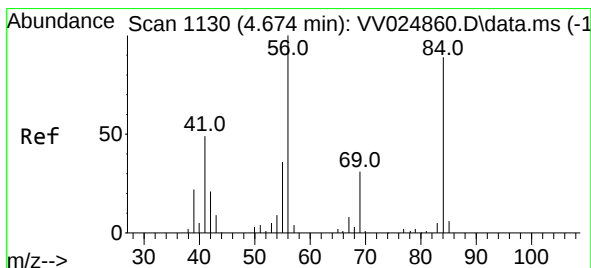
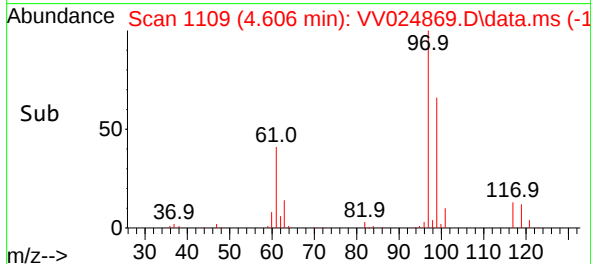
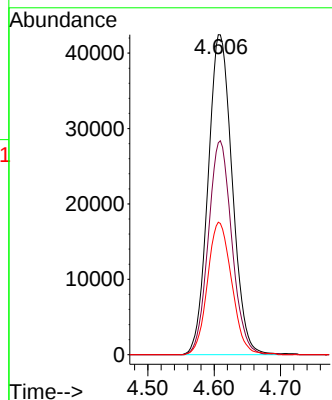
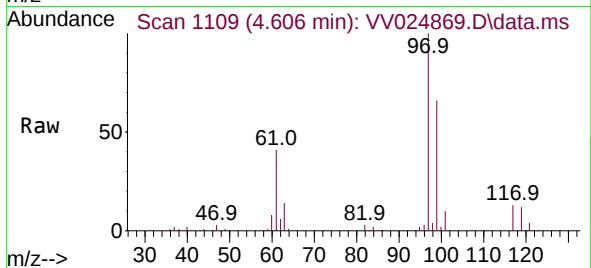
Tgt Ion: 97 Resp: 107578

Ion Ratio Lower Upper

97 100

99 65.1 50.5 75.7

61 41.5 35.8 53.6



#30

Cyclohexane

Concen: 4.397 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV024869.D

Acq: 08 Mar 2022 13:53

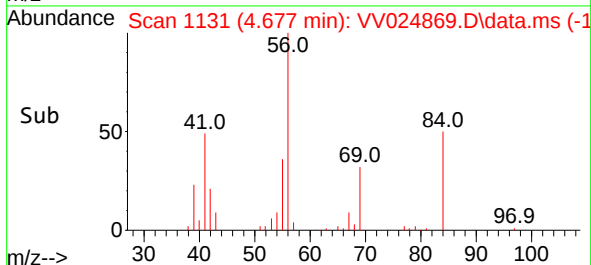
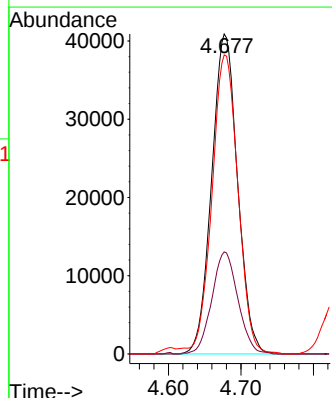
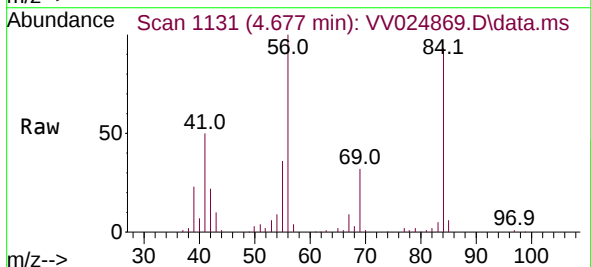
Tgt Ion: 56 Resp: 101415

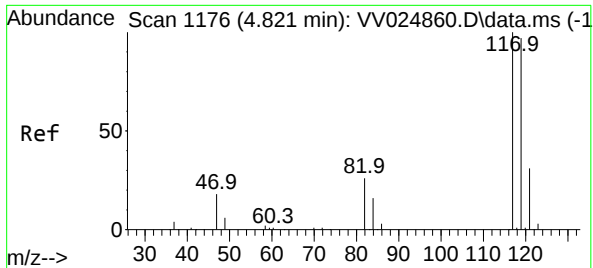
Ion Ratio Lower Upper

56 100

69 32.1 24.6 37.0

84 94.2 71.4 107.0

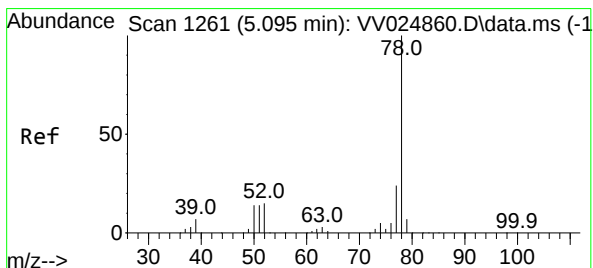
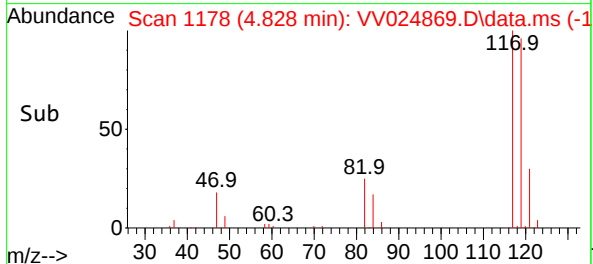
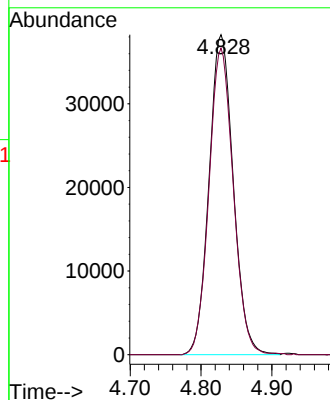
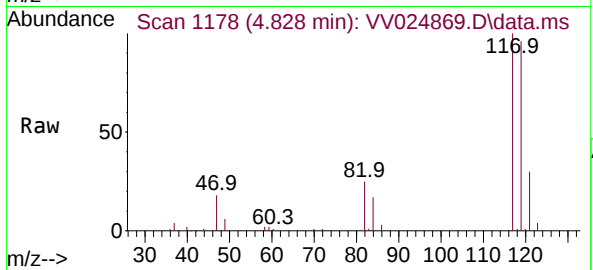




#31
Carbon tetrachloride
Concen: 4.765 ug/L
RT: 4.828 min Scan# 1176
Delta R.T. 0.007 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

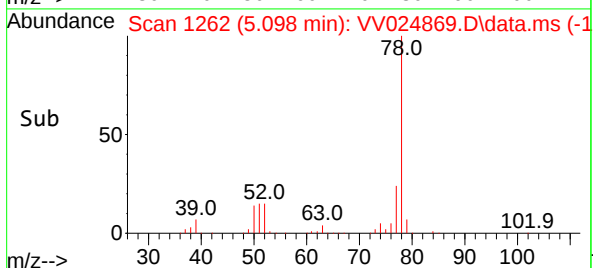
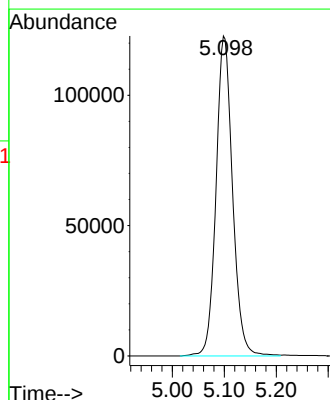
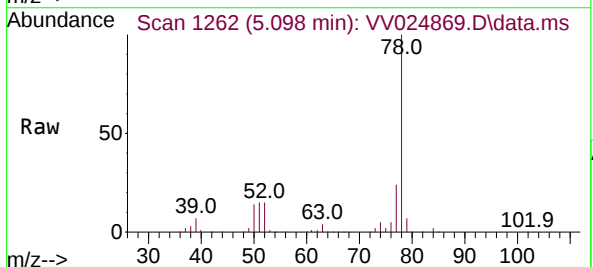
Instrument :
MSVOA_V
ClientSampleId :

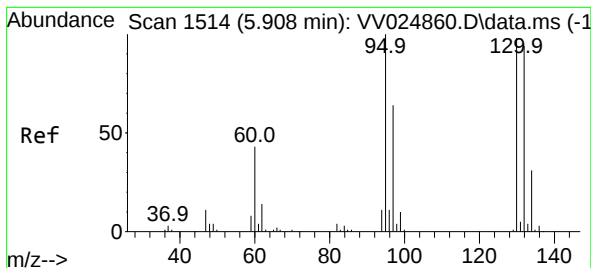
Tgt Ion:117 Resp: 91090
Ion Ratio Lower Upper
117 100
119 95.7 76.6 115.0



#33
Benzene
Concen: 4.719 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

Tgt Ion: 78 Resp: 270668





#34

Trichloroethene

Concen: 57.649 ug/L

RT: 5.912 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024869.D

Acq: 08 Mar 2022 13:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 875969

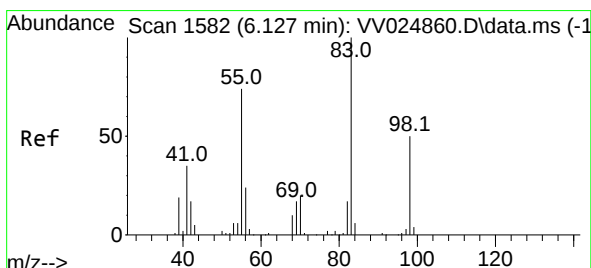
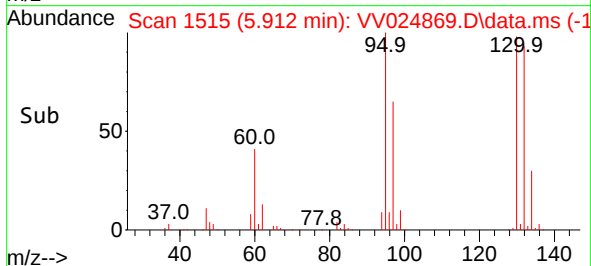
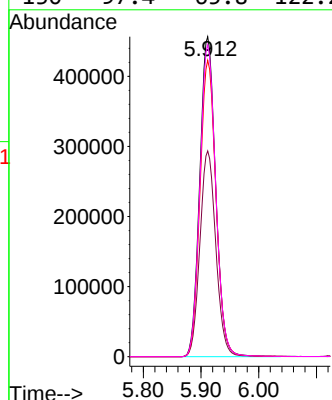
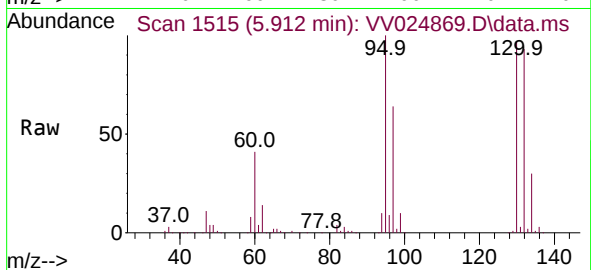
Ion Ratio Lower Upper

95 100

97 64.3 44.2 82.0

132 92.6 62.1 115.3

130 97.4 65.8 122.2



#35

Methylcyclohexane

Concen: 4.644 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV024869.D

Acq: 08 Mar 2022 13:53

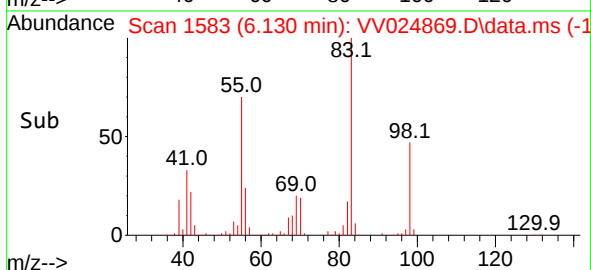
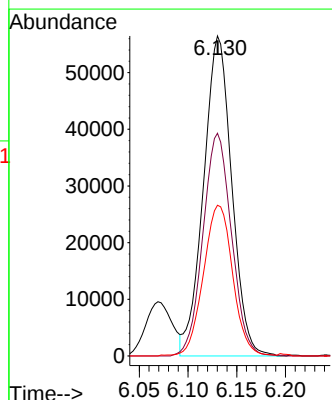
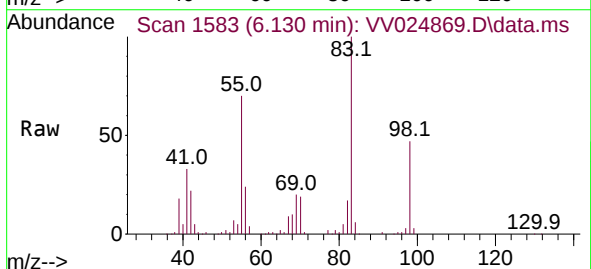
Tgt Ion: 83 Resp: 114007

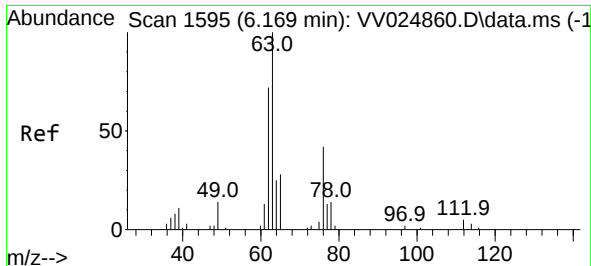
Ion Ratio Lower Upper

83 100

55 70.2 58.8 88.2

98 48.8 38.6 58.0





#37

1,2-Dichloropropane

Concen: 4.911 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024869.D

Acq: 08 Mar 2022 13:53

Instrument :

MSVOA_V

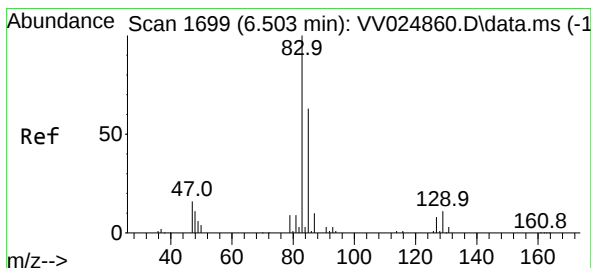
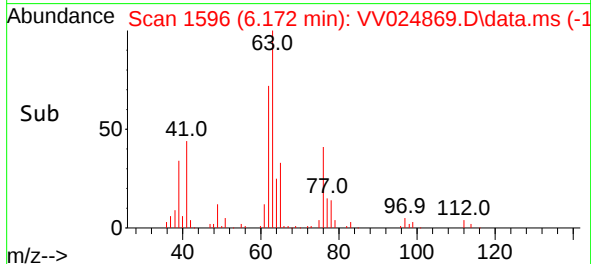
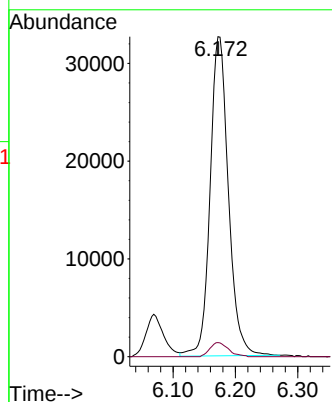
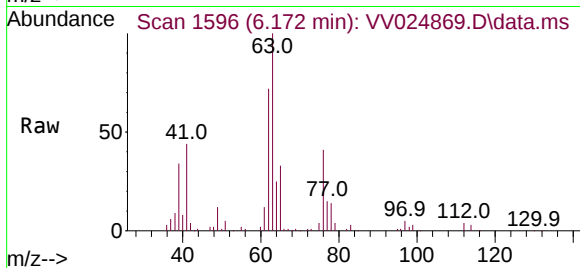
ClientSampleId :

Tgt Ion: 63 Resp: 66562

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.6



#38

Bromodichloromethane

Concen: 4.785 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.007 min

Lab File: VV024869.D

Acq: 08 Mar 2022 13:53

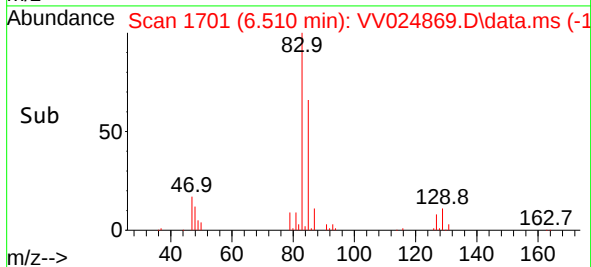
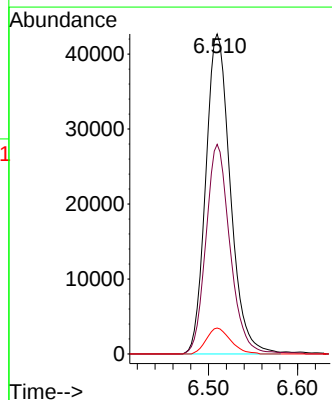
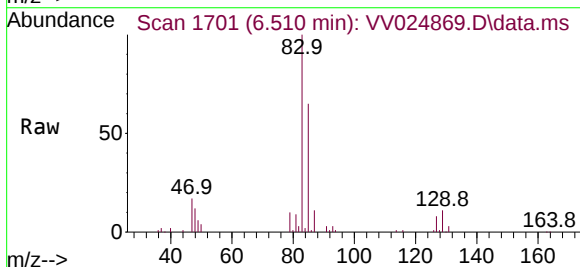
Tgt Ion: 83 Resp: 81633

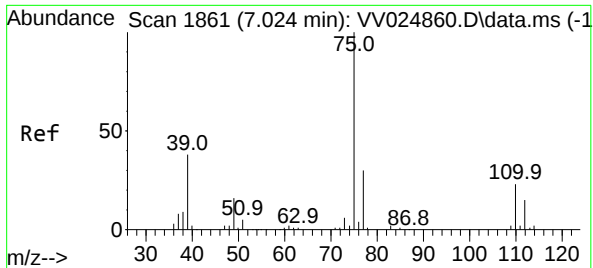
Ion Ratio Lower Upper

83 100

85 65.5 43.5 80.9

127 8.1 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.877 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV024869.D

Acq: 08 Mar 2022 13:53

Instrument :

MSVOA_V

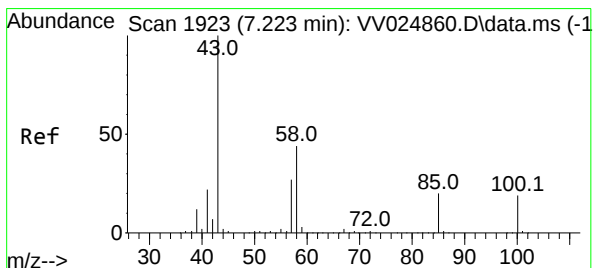
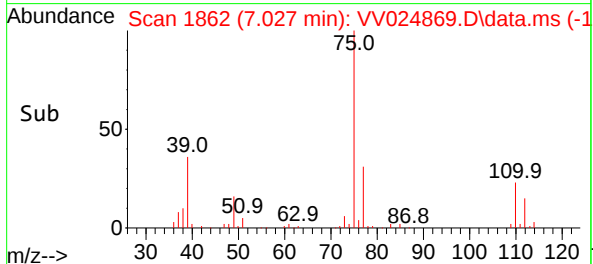
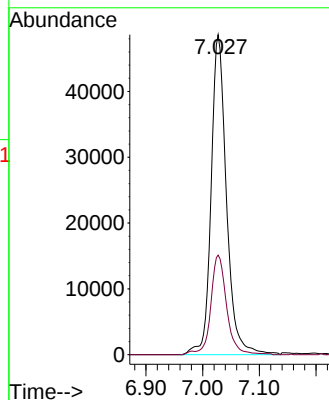
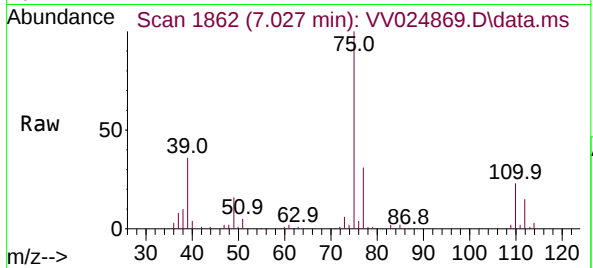
ClientSampleId :

Tgt Ion: 75 Resp: 91669

Ion Ratio Lower Upper

75 100

77 31.1 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 45.815 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV024869.D

Acq: 08 Mar 2022 13:53

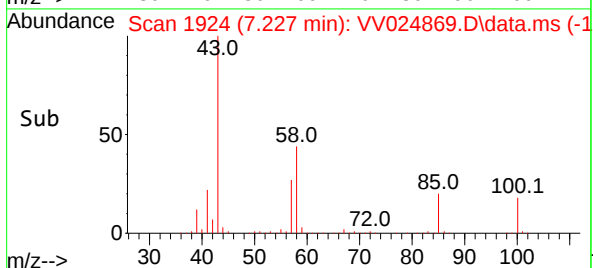
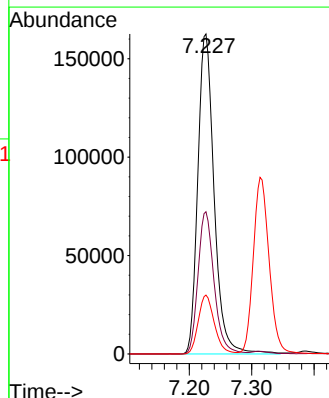
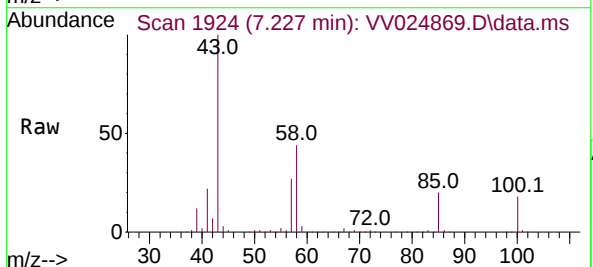
Tgt Ion: 43 Resp: 295345

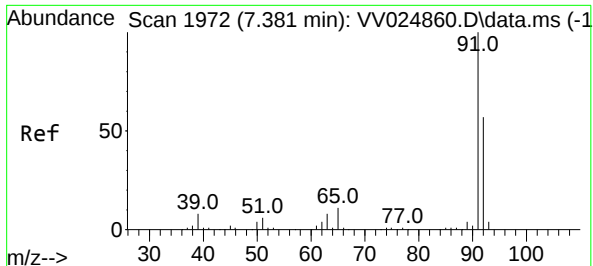
Ion Ratio Lower Upper

43 100

58 43.8 33.0 49.6

100 18.2 13.3 19.9





#42

Toluene

Concen: 4.675 ug/L

RT: 7.387 min Scan# 1972

Delta R.T. 0.007 min

Lab File: VV024869.D

Acq: 08 Mar 2022 13:53

Instrument :

MSVOA_V

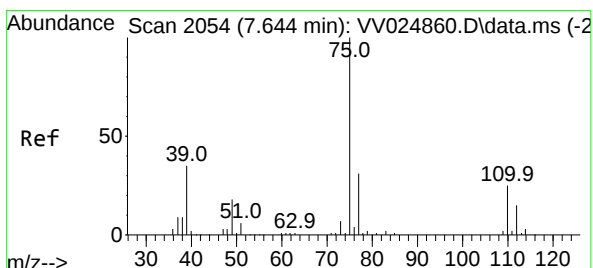
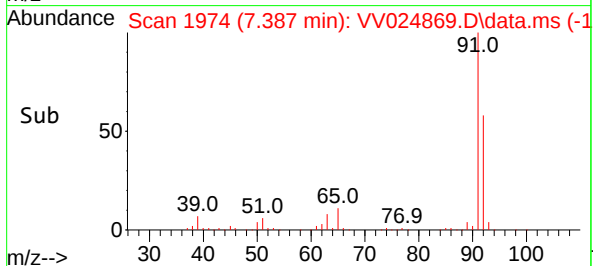
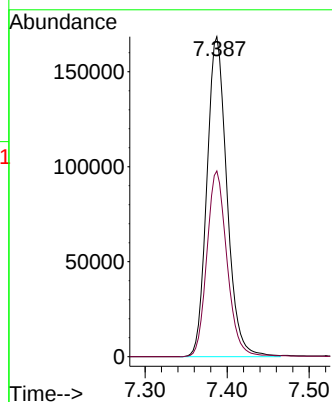
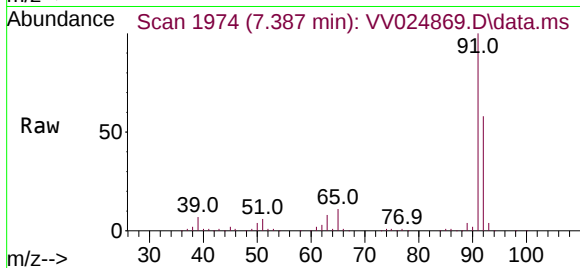
ClientSampleId :

Tgt Ion: 91 Resp: 285522

Ion Ratio Lower Upper

91 100

92 58.1 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 4.767 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.007 min

Lab File: VV024869.D

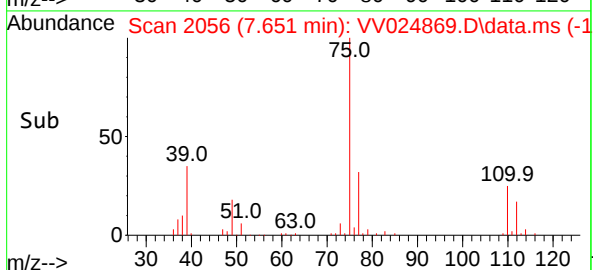
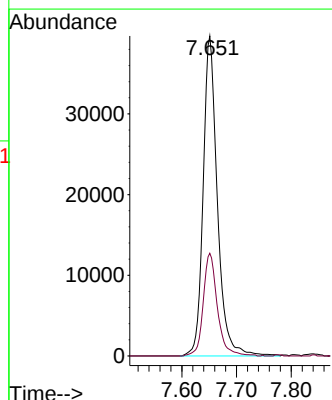
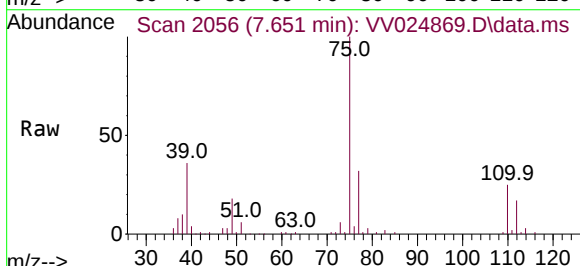
Acq: 08 Mar 2022 13:53

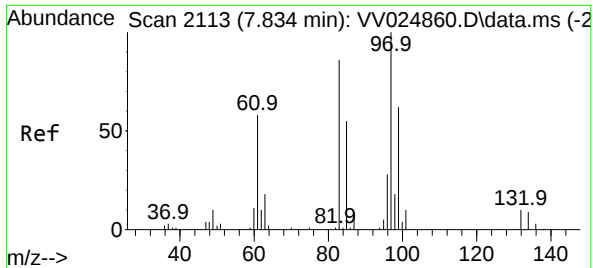
Tgt Ion: 75 Resp: 71594

Ion Ratio Lower Upper

75 100

77 32.1 23.5 43.7

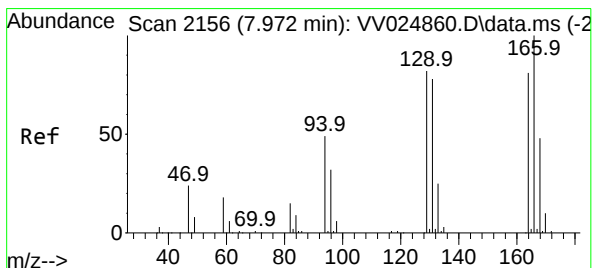
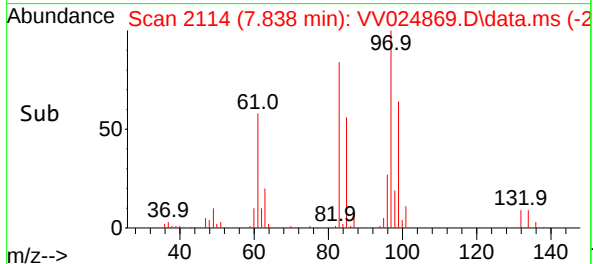
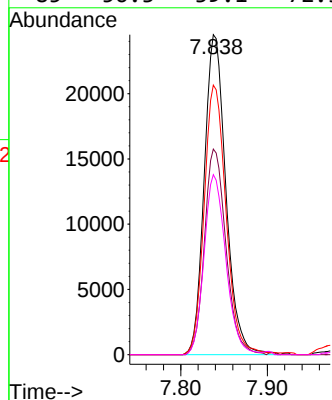
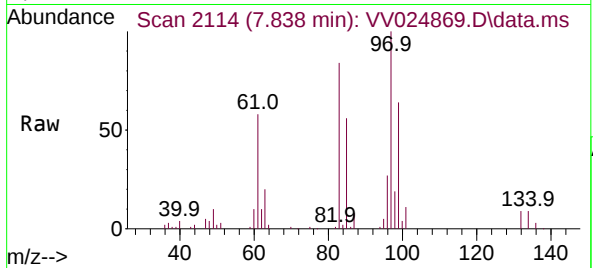




#45
1,1,2-Trichloroethane
Concen: 4.837 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

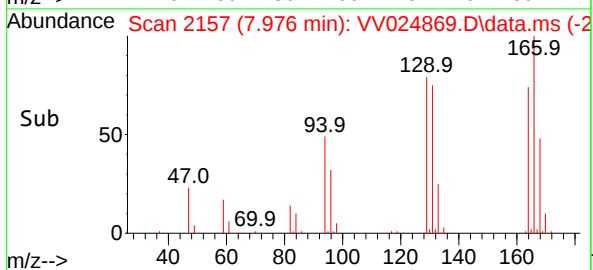
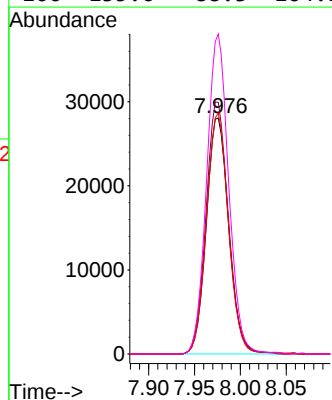
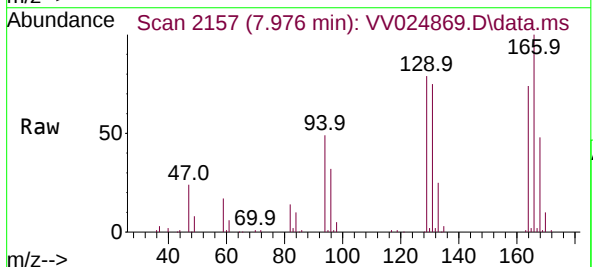
Instrument :
MSVOA_V
ClientSampleId :

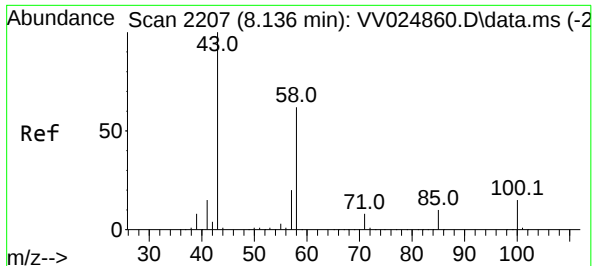
Tgt Ion:	97	Resp:	42643
Ion	Ratio	Lower	Upper
97	100		
99	64.3	43.8	81.3
83	84.3	61.3	113.9
85	56.3	39.1	72.5



#47
Tetrachloroethene
Concen: 4.621 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

Tgt Ion:	164	Resp:	47815
Ion	Ratio	Lower	Upper
164	100		
129	106.7	70.3	130.7
131	102.0	67.7	125.7
166	135.6	88.3	164.1

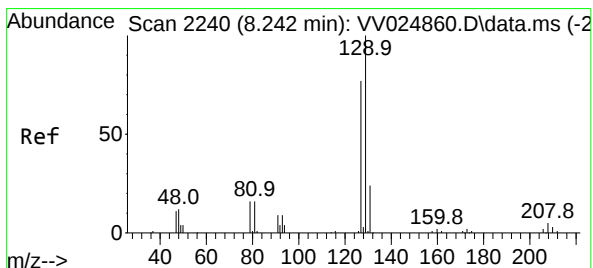
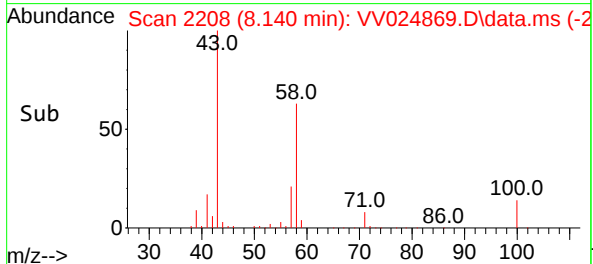
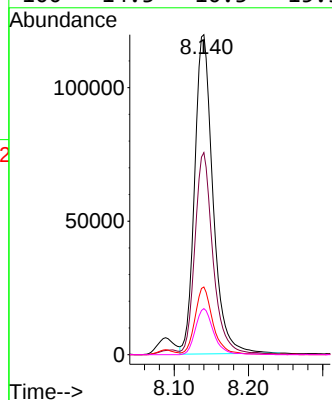
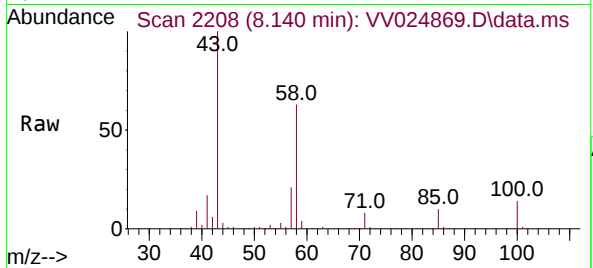




#48
2-Hexanone
Concen: 45.327 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

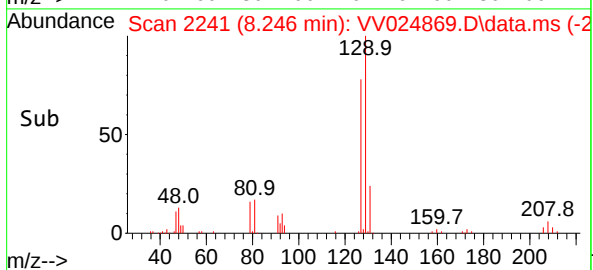
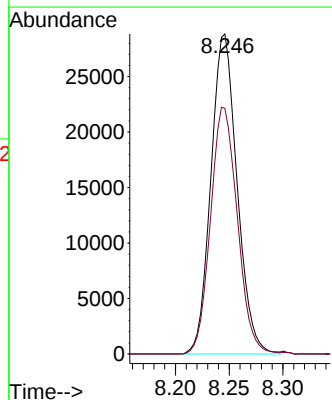
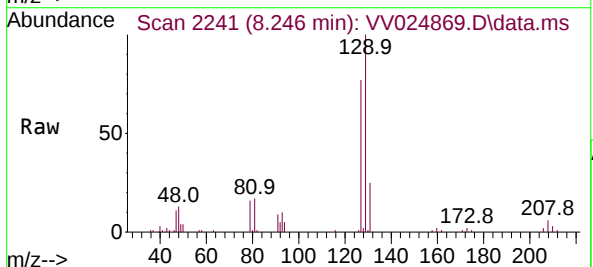
Instrument :
MSVOA_V
ClientSampleId :

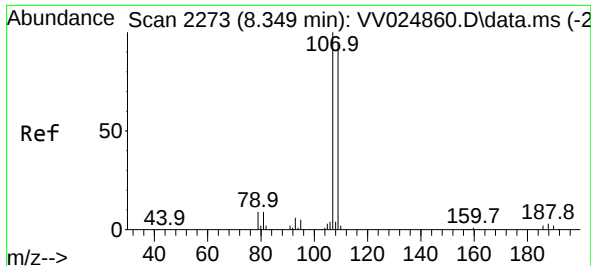
Tgt Ion: 43 Resp: 205445
Ion Ratio Lower Upper
43 100
58 62.5 46.0 69.0
57 20.6 15.7 23.5
100 14.3 10.3 15.5



#49
Dibromochloromethane
Concen: 4.996 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

Tgt Ion: 129 Resp: 48878
Ion Ratio Lower Upper
129 100
127 76.7 53.6 99.6

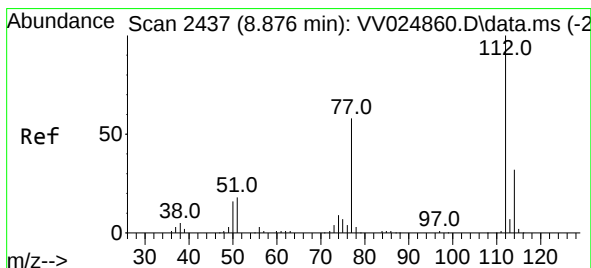
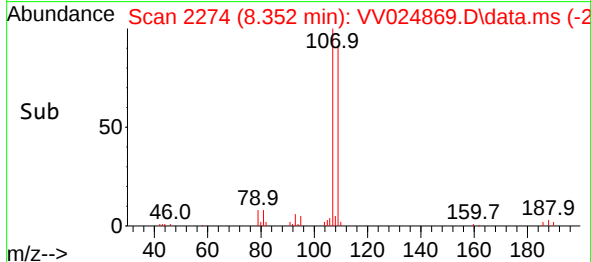
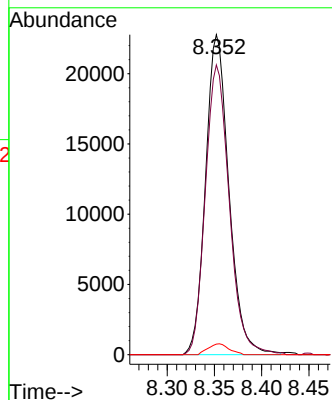
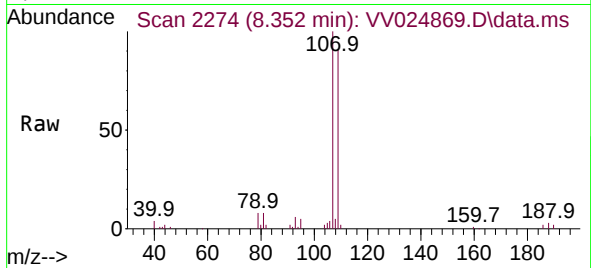




#50
1,2-Dibromoethane
Concen: 4.875 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

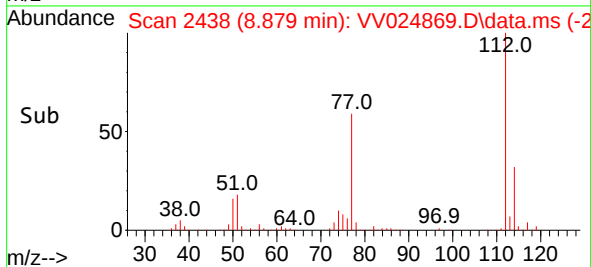
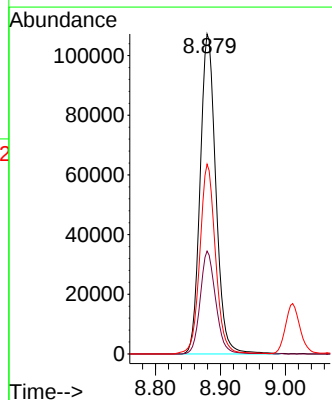
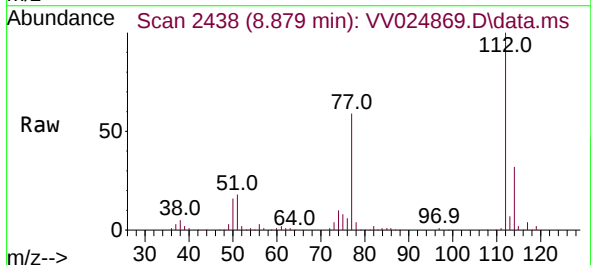
Instrument :
MSVOA_V
ClientSampleId :

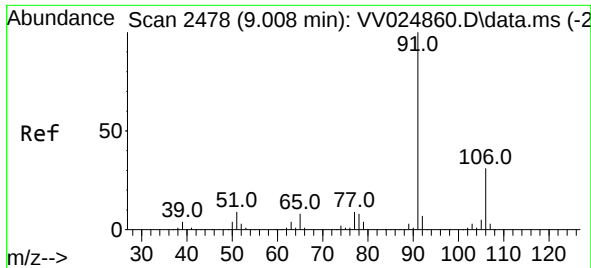
Tgt Ion:107 Resp: 39219
Ion Ratio Lower Upper
107 100
109 90.6 65.6 121.8
188 3.3 2.6 3.8



#51
Chlorobenzene
Concen: 4.734 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

Tgt Ion:112 Resp: 180862
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.5
77 59.3 48.4 72.6

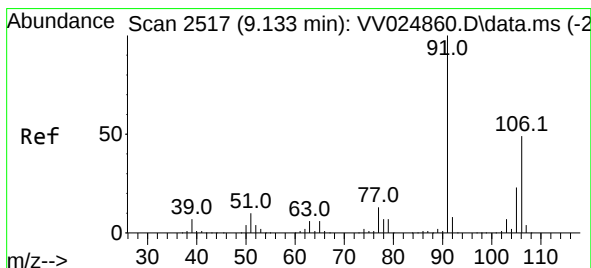
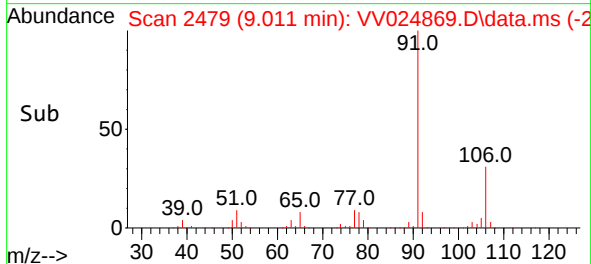
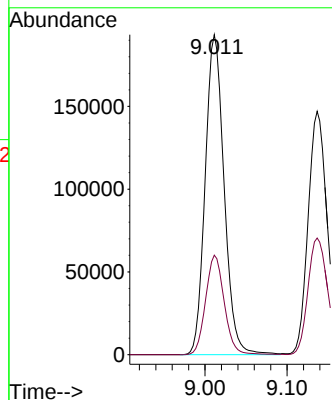
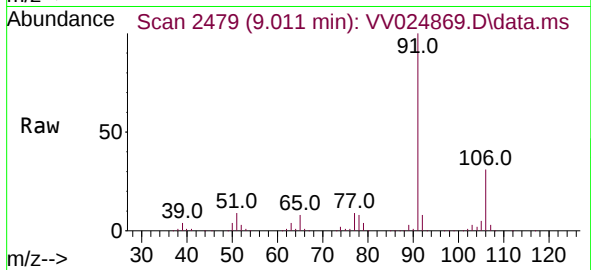




#52
Ethylbenzene
Concen: 4.644 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

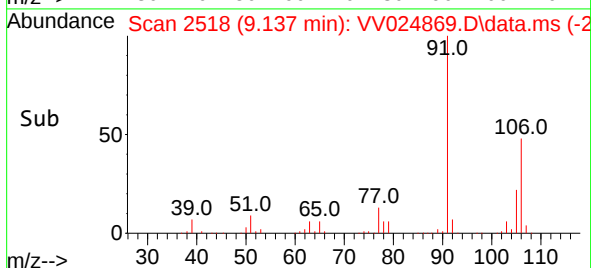
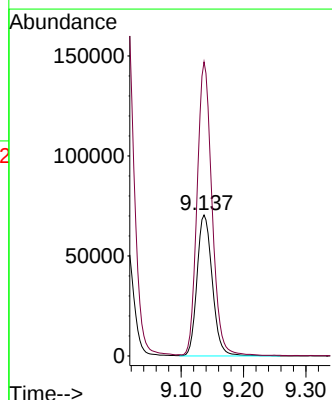
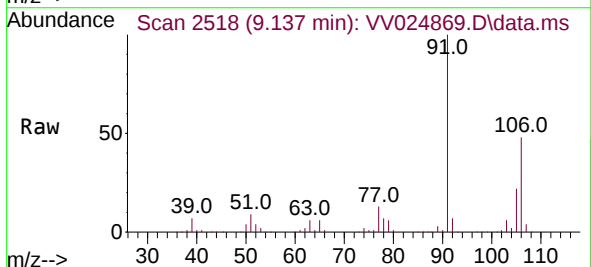
Instrument :
MSVOA_V
ClientSampleId :

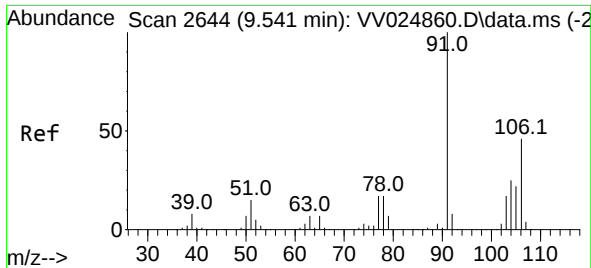
Tgt Ion: 91 Resp: 309537
Ion Ratio Lower Upper
91 100
106 31.1 21.3 39.5



#53
m,p-xylene
Concen: 4.770 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

Tgt Ion: 106 Resp: 120182
Ion Ratio Lower Upper
106 100
91 208.5 143.6 266.6

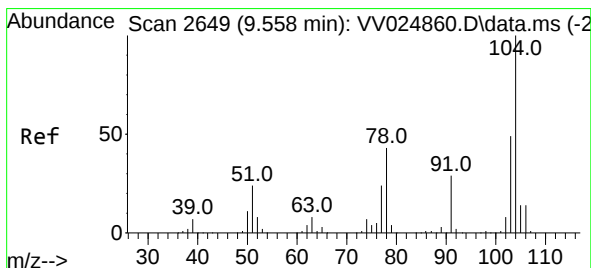
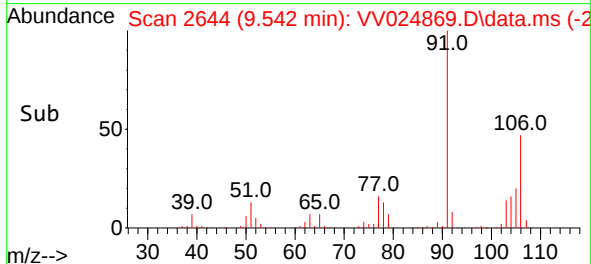
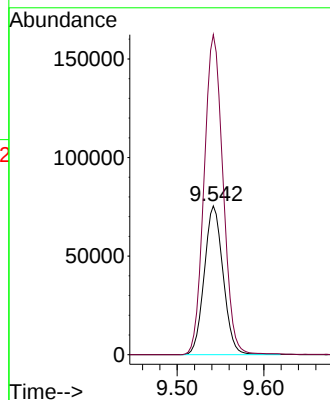
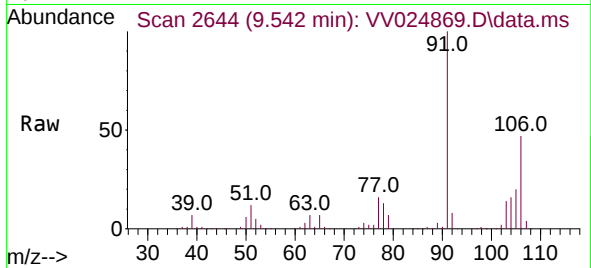




#54
o-xylene
Concen: 4.626 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

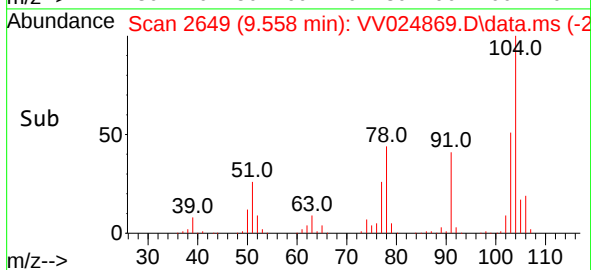
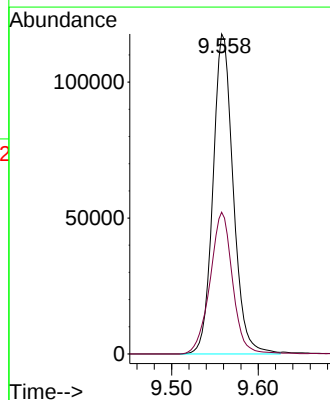
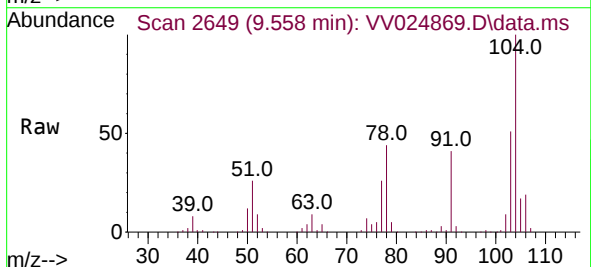
Instrument :
MSVOA_V
ClientSampleId :

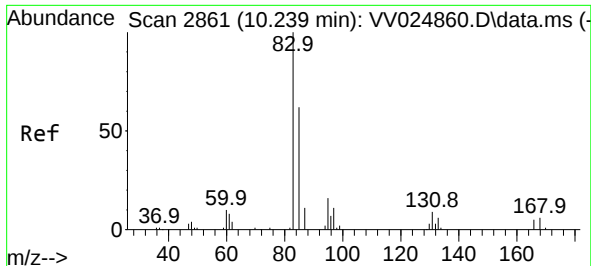
Tgt Ion:106 Resp: 113896
Ion Ratio Lower Upper
106 100
91 215.1 152.2 282.7



#55
Styrene
Concen: 4.776 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

Tgt Ion:104 Resp: 191273
Ion Ratio Lower Upper
104 100
78 44.3 32.0 59.4

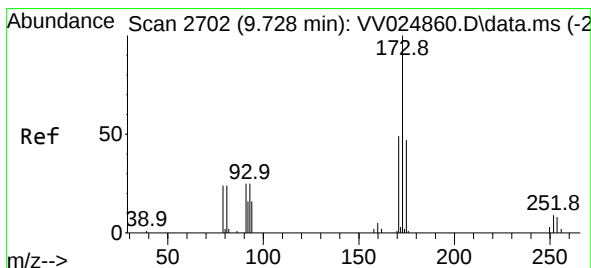
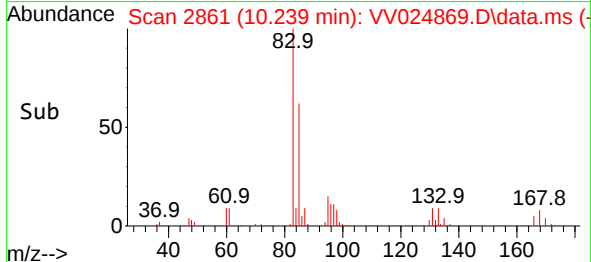
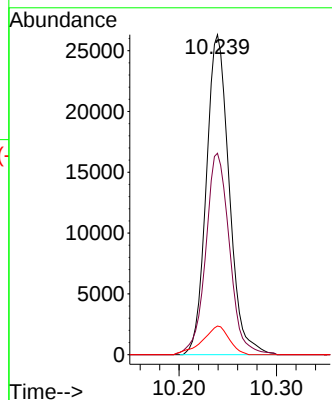
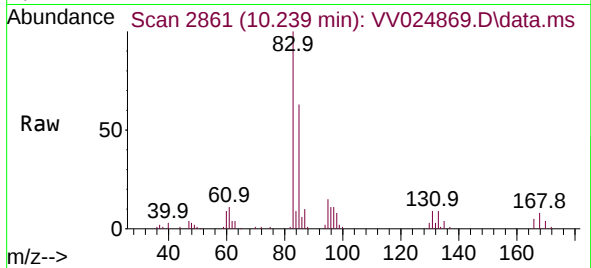




#57
1,1,2,2-Tetrachloroethane
Concen: 4.601 ug/L
RT: 10.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

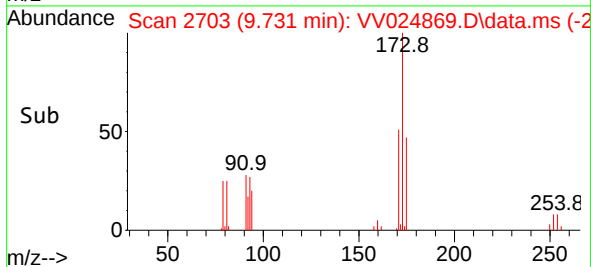
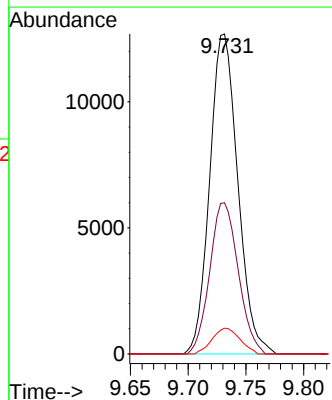
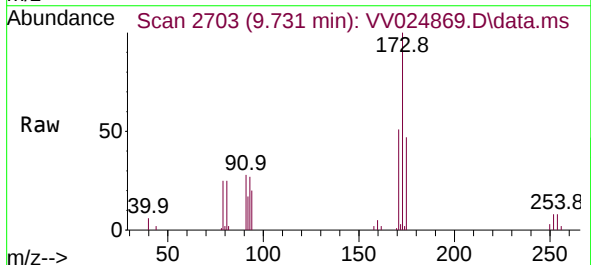
Instrument :
MSVOA_V
ClientSampleId :

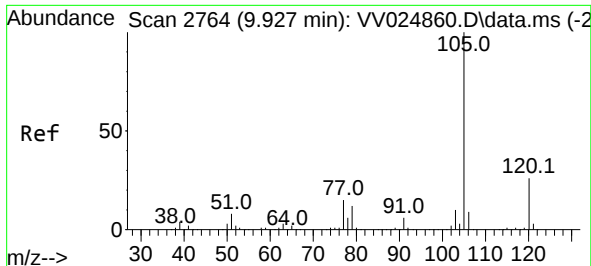
Tgt Ion: 83 Resp: 42903
Ion Ratio Lower Upper
83 100
85 62.9 43.9 81.5
131 9.0 7.0 10.4



#59
Bromoform
Concen: 5.303 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

Tgt Ion: 173 Resp: 21477
Ion Ratio Lower Upper
173 100
175 47.8 39.4 59.0
254 7.9 7.0 10.4

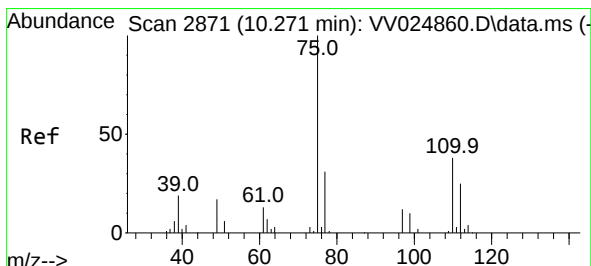
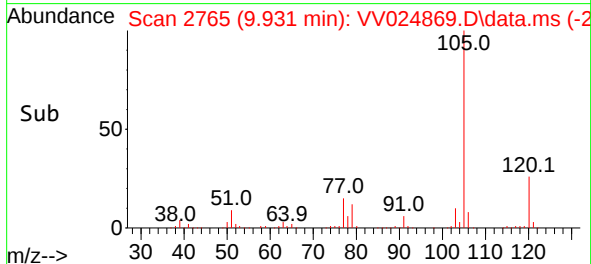
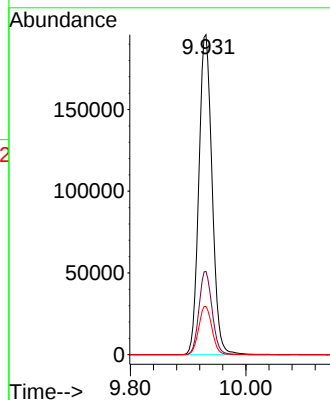
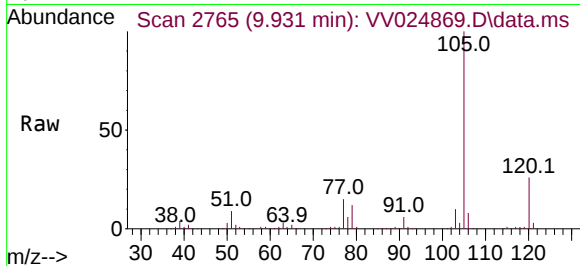




#60
Isopropylbenzene
Concen: 4.700 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

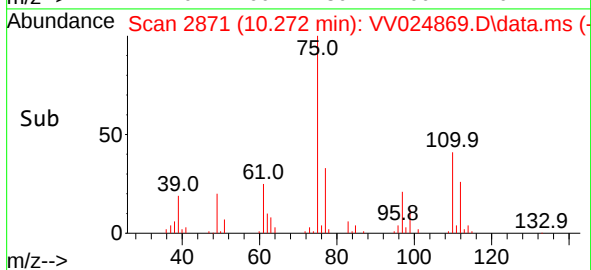
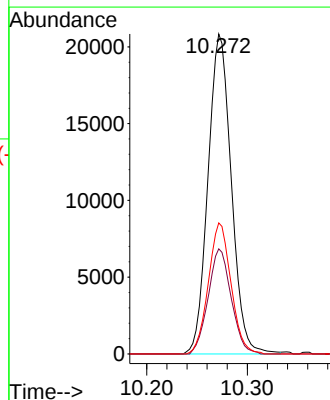
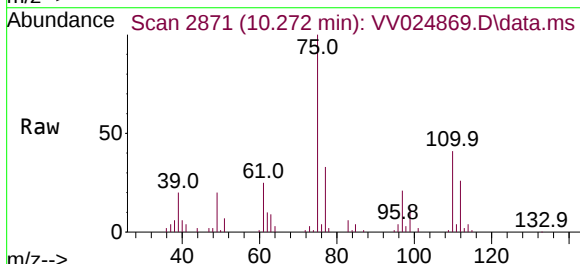
Instrument :
MSVOA_V
ClientSampleId :

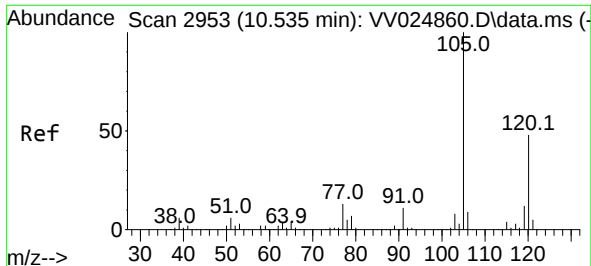
Tgt Ion:105 Resp: 311023
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 15.2 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 4.634 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

Tgt Ion: 75 Resp: 33594
Ion Ratio Lower Upper
75 100
77 32.4 26.3 39.5
110 39.7 30.3 45.5





#62

1,3,5-Trimethylbenzene

Concen: 4.669 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV024869.D

Acq: 08 Mar 2022 13:53

Instrument :

MSVOA_V

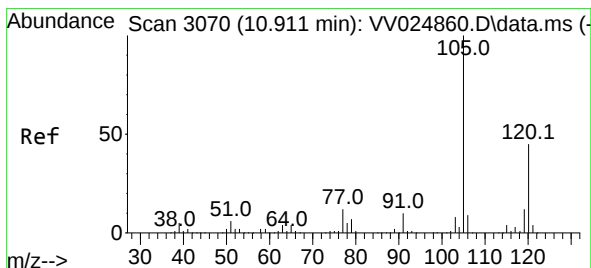
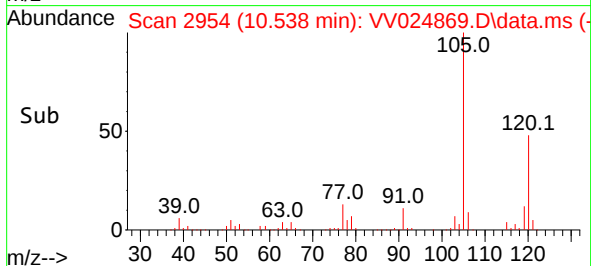
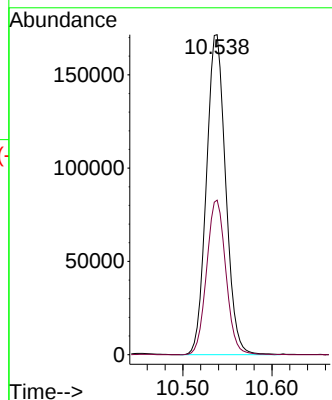
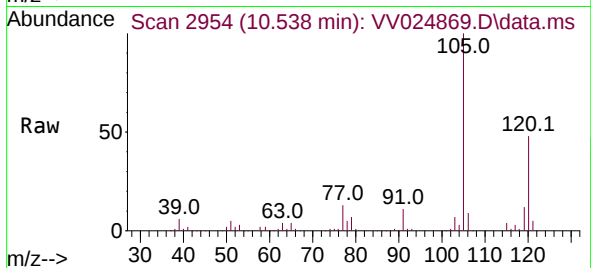
ClientSampleId :

Tgt Ion:105 Resp: 257557

Ion Ratio Lower Upper

105 100

120 48.1 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 4.645 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024869.D

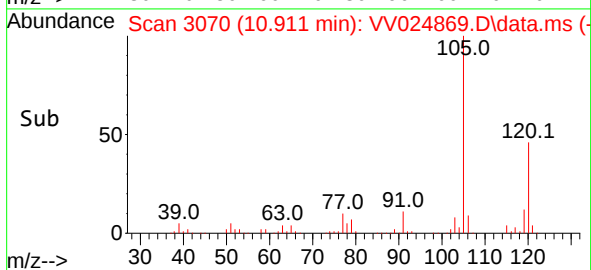
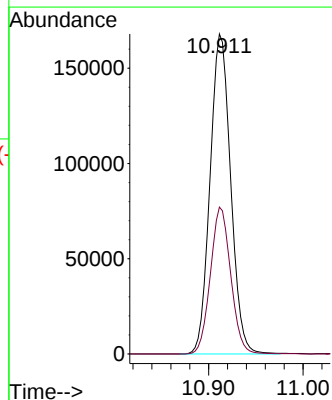
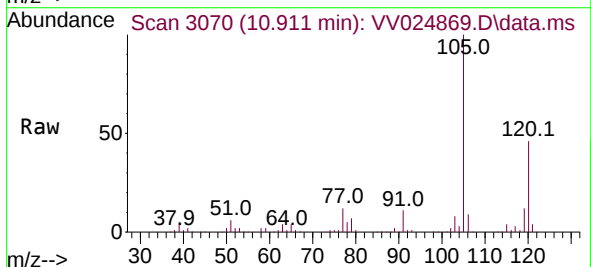
Acq: 08 Mar 2022 13:53

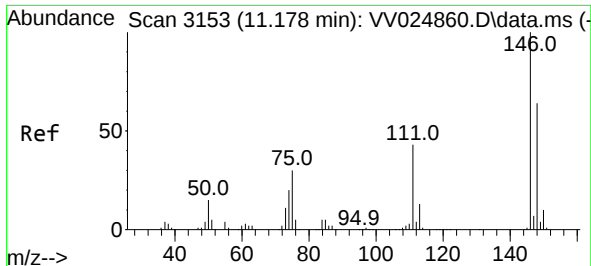
Tgt Ion:105 Resp: 254321

Ion Ratio Lower Upper

105 100

120 45.3 35.9 53.9

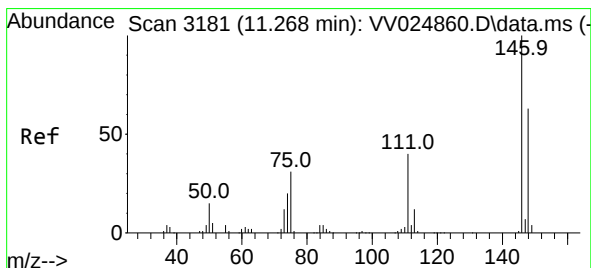
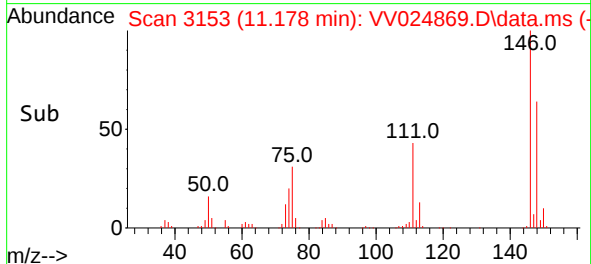
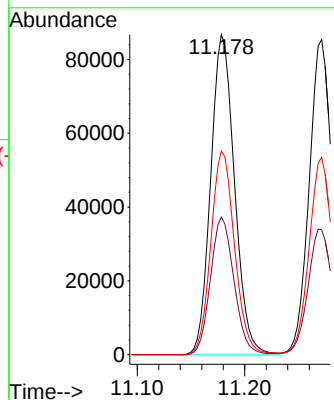
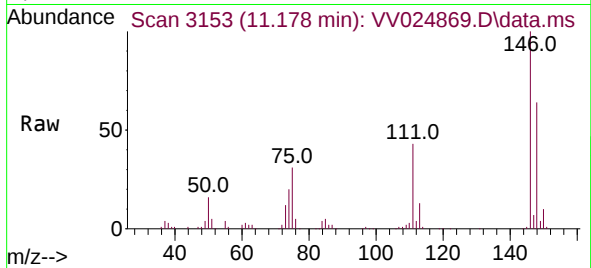




#64
1,3-Dichlorobenzene
Concen: 4.786 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

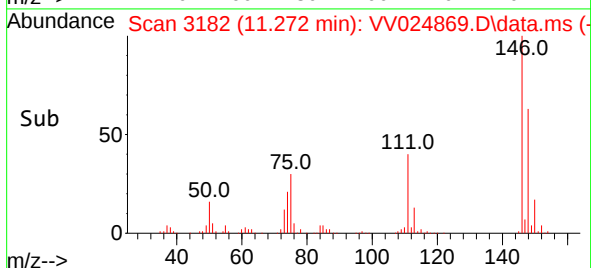
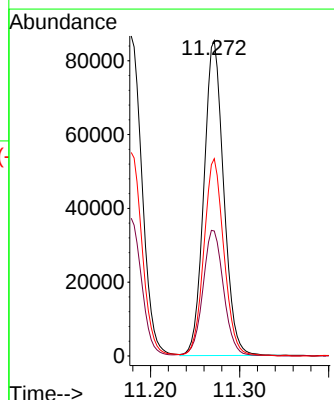
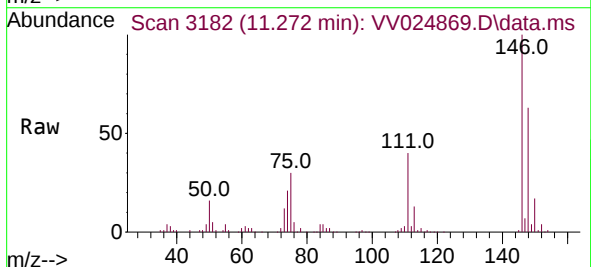
Instrument :
MSVOA_V
ClientSampleId :

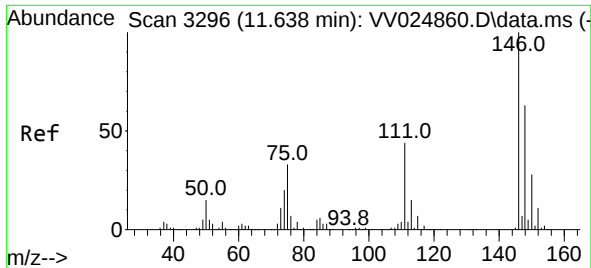
Tgt Ion:146 Resp: 133580
Ion Ratio Lower Upper
146 100
111 43.0 31.0 57.6
148 63.6 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 4.712 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

Tgt Ion:146 Resp: 131330
Ion Ratio Lower Upper
146 100
111 39.7 28.3 52.7
148 62.6 44.0 81.8

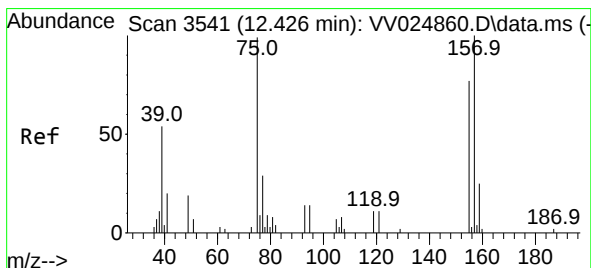
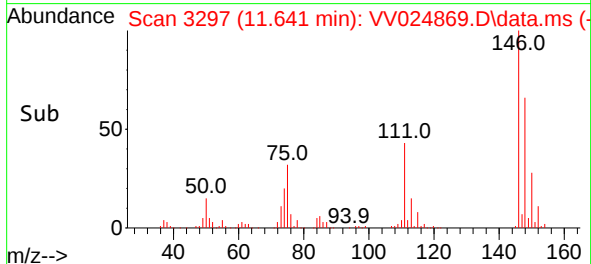
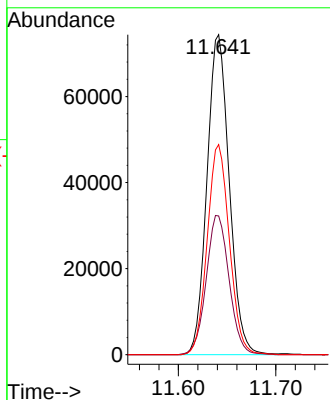
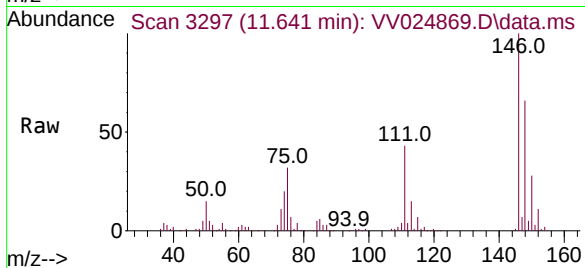




#67
1,2-Dichlorobenzene
Concen: 4.807 ug/L
RT: 11.641 min Scan# 3296
Delta R.T. 0.003 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

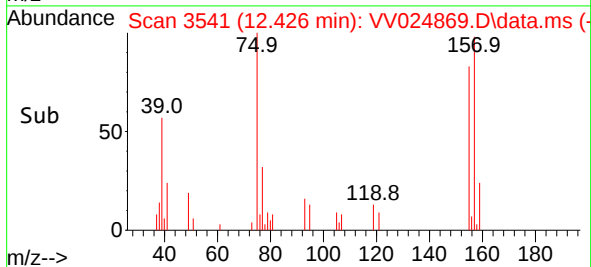
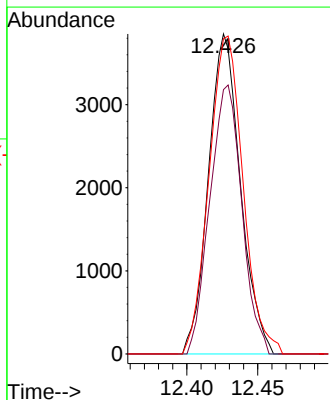
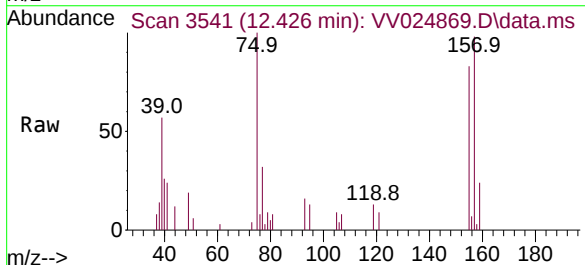
Instrument :
MSVOA_V
ClientSampleId :

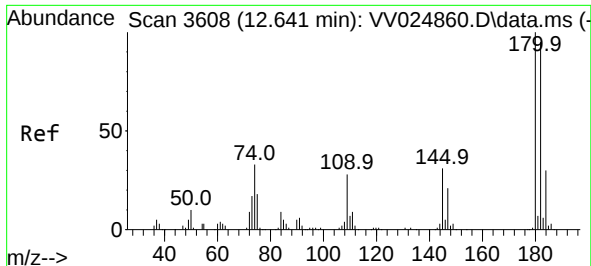
Tgt Ion:146 Resp: 118344
Ion Ratio Lower Upper
146 100
111 43.4 36.0 54.0
148 65.7 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 4.885 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

Tgt Ion: 75 Resp: 6056
Ion Ratio Lower Upper
75 100
155 82.6 61.7 92.5
157 98.5 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 4.637 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

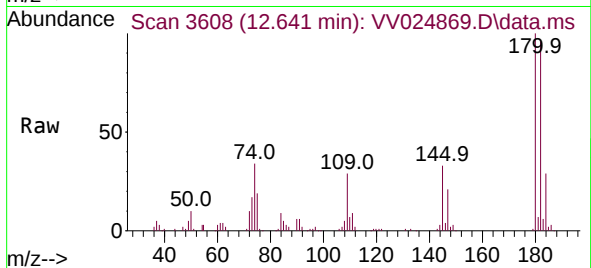
Lab File: VV024869.D

Acq: 08 Mar 2022 13:53

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 91767

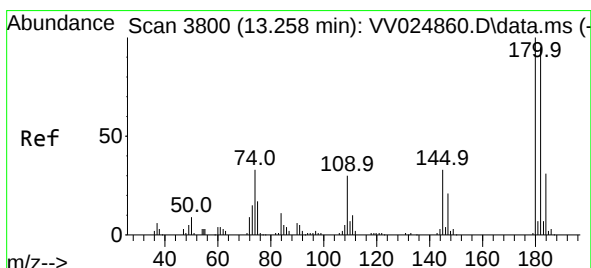
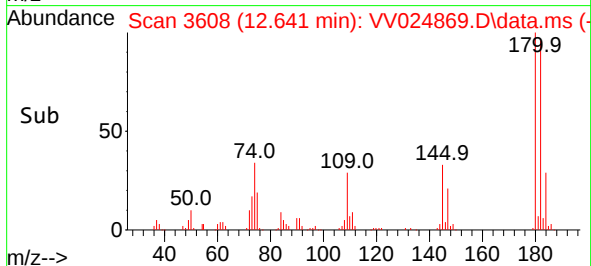
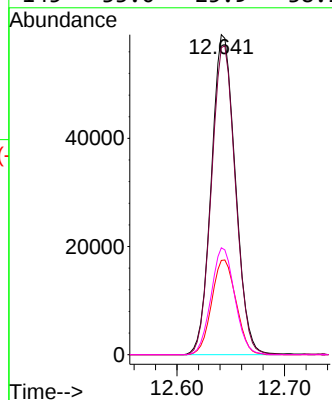
Ion Ratio Lower Upper

180 100

182 96.3 74.6 111.8

184 30.0 23.8 35.8

145 33.0 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 4.695 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV024869.D

Acq: 08 Mar 2022 13:53

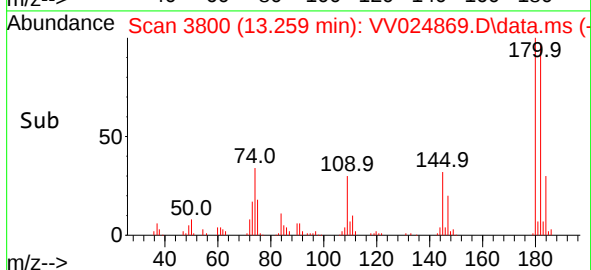
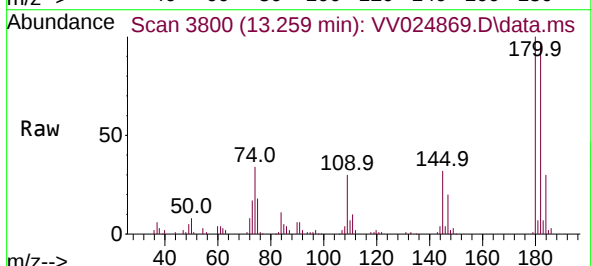
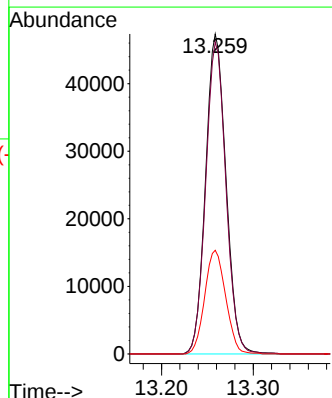
Tgt Ion:180 Resp: 73198

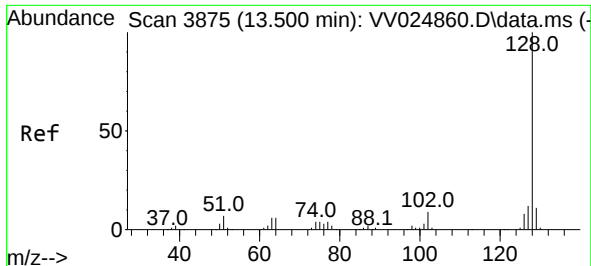
Ion Ratio Lower Upper

180 100

182 96.5 75.0 112.6

145 33.3 26.9 40.3

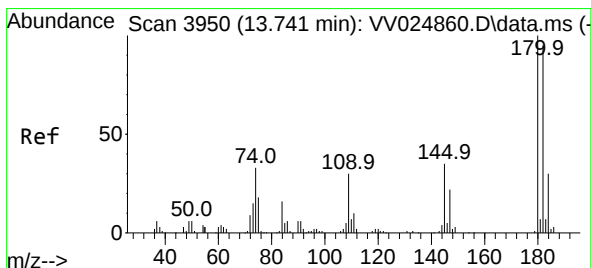
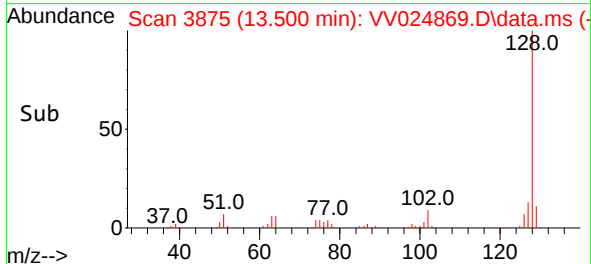
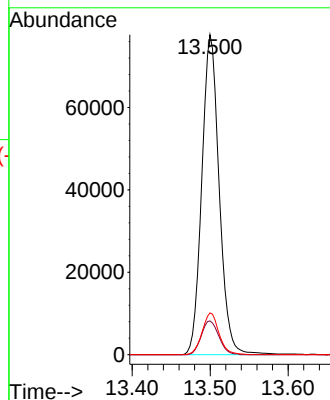
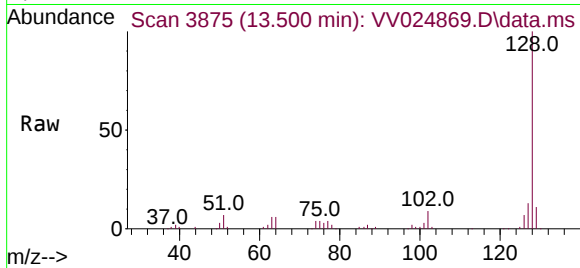




#71
Naphthalene
Concen: 4.537 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 120294
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 12.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.824 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV024869.D
Acq: 08 Mar 2022 13:53

Tgt Ion:180 Resp: 62945
Ion Ratio Lower Upper
180 100
182 94.0 75.6 113.4
145 35.9 28.5 42.7

