

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW033022\
 Data File : VW025322.D
 Acq On : 30 Mar 2022 17:38
 Operator : SY/MD
 Sample : N2174-09MSD
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 31 01:30:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 31 01:26:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	142661	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	136708	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	68316	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	62950	4.724	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.568	69	53916	4.821	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.111	63	129146	4.474	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	3.895	46	64835	48.844	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.680%
24) Chloroform-d	4.349	84	83547	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.034	65	37002	4.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.050	84	166120	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.069	67	45128	4.656	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.313	98	157883	4.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	7.622	79	15897	5.027	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.600%
46) 2-Hexanone-d5	8.088	63	53503	46.849	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.700%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30778	4.762	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	51284	4.674	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	71796	5.038	ug/L	100
3) Chloromethane	1.243	50	81078	4.824	ug/L	100
5) Vinyl chloride	1.314	62	89413	4.763	ug/L	98
6) Bromomethane	1.523	94	55961	5.022	ug/L	99
8) Chloroethane	1.587	64	62987	5.347	ug/L	100
9) Trichlorofluoromethane	1.754	101	131001	5.162	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	68305	4.532	ug/L	99
12) 1,1-Dichloroethene	2.121	96	68497	4.769	ug/L	96
13) Acetone	2.185	43	54840	54.142	ug/L	79
14) Carbon disulfide	2.297	76	151628	5.096	ug/L	97
15) Methyl Acetate	2.442	43	13880	6.019	ug/L	96
16) Methylene chloride	2.510	84	54234	4.809	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	96688	5.321	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	54823	5.318	ug/L	99
19) 1,1-Dichloroethane	3.191	63	94980	5.519	ug/L	99
21) 2-Butanone	3.979	43	80793	57.968	ug/L	88
22) cis-1,2-Dichloroethene	3.915	96	57639	5.503	ug/L	94
23) Bromochloromethane	4.249	128	25154	5.758	ug/L	94
25) Chloroform	4.378	83	104945	5.496	ug/L	100

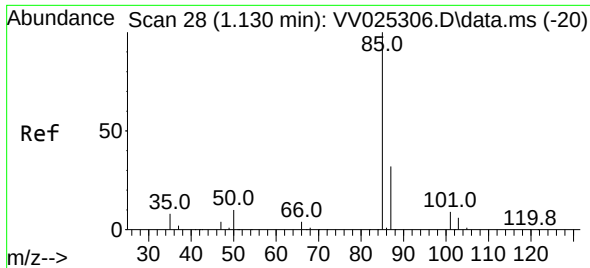
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 31 01:26:10 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	53812	5.457	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	92934	5.622	ug/L	97
30) Cyclohexane	4.677	56	72602	4.911	ug/L	98
31) Carbon tetrachloride	4.828	117	78953	5.518	ug/L	97
33) Benzene	5.098	78	221643	5.527	ug/L	100
34) Trichloroethene	5.915	95	57353	5.209	ug/L	96
35) Methylcyclohexane	6.130	83	83227	4.824	ug/L	99
37) 1,2-Dichloropropane	6.172	63	48982	5.266	ug/L	100
38) Bromodichloromethane	6.509	83	65114	5.526	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	64110	5.315	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	213138	57.389	ug/L	99
42) Toluene	7.387	91	237509	5.548	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	50373	5.313	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	35444	5.565	ug/L	99
47) Tetrachloroethene	7.976	164	43065	5.304	ug/L	98
48) 2-Hexanone	8.140	43	150929	56.820	ug/L	99
49) Dibromochloromethane	8.246	129	39287	5.732	ug/L	98
50) 1,2-Dibromoethane	8.352	107	32759	5.521	ug/L #	98
51) Chlorobenzene	8.879	112	149616	5.412	ug/L	98
52) Ethylbenzene	9.011	91	244603	5.387	ug/L	99
53) m,p-Xylene	9.136	106	95506	5.408	ug/L	95
54) o-Xylene	9.542	106	94626	5.606	ug/L	98
55) Styrene	9.561	104	152361	5.489	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	36539	5.504	ug/L	97
59) Bromoform	9.731	173	16080	5.758	ug/L	97
60) Isopropylbenzene	9.931	105	245254	5.413	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	27707	5.360	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	102192	5.030	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	191361	5.279	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	114054	5.375	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	112998	5.318	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	102676	5.498	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.426	75	5171	5.587	ug/L	83
69) 1,3,5-Trichlorobenzene	12.641	180	78439	5.124	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	60381	5.228	ug/L	100
71) Naphthalene	13.500	128	95998	5.333	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	54514	5.478	ug/L	98

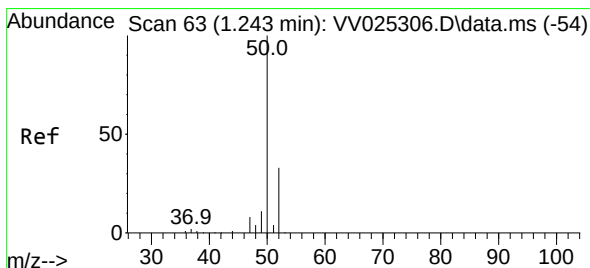
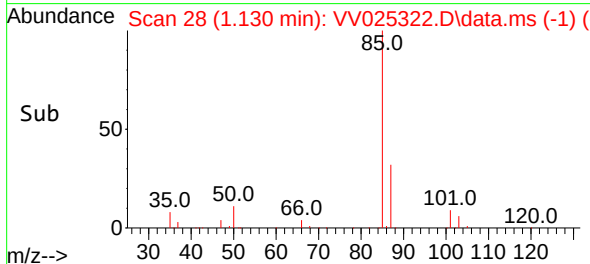
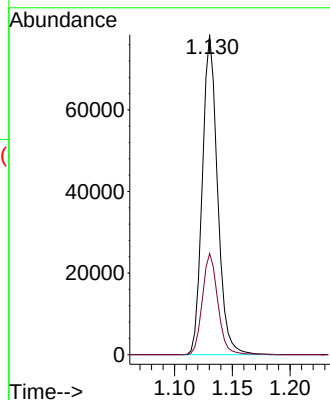
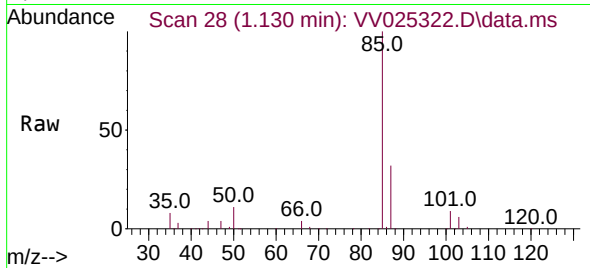
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#2
 Dichlorodifluoromethane
 Concen: 5.038 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV025322.D
 Acq: 30 Mar 2022 17:38

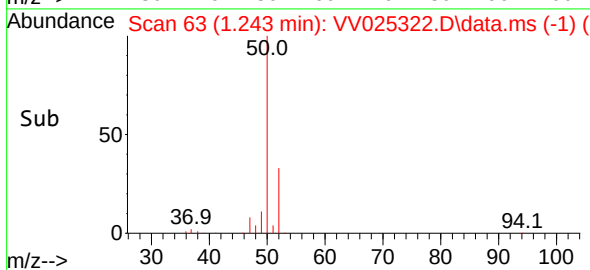
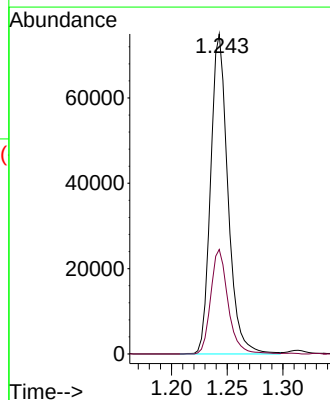
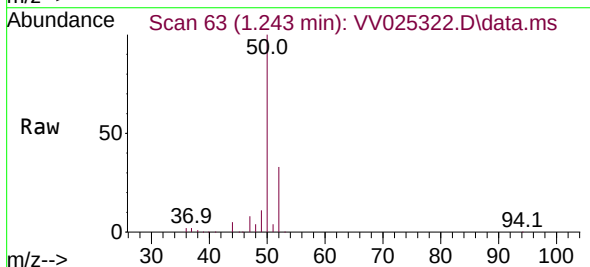
Instrument :
 MSVOA_V
 ClientSampleId :

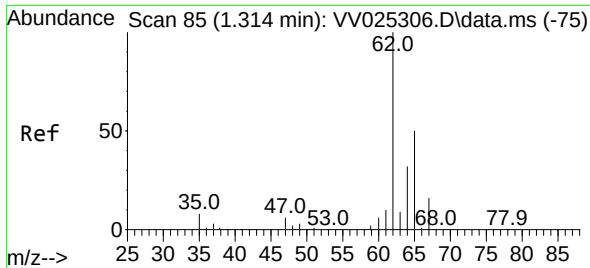
Tgt Ion: 85 Resp: 71796
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.6



#3
 Chloromethane
 Concen: 4.824 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025322.D
 Acq: 30 Mar 2022 17:38

Tgt Ion: 50 Resp: 81078
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.9 42.5

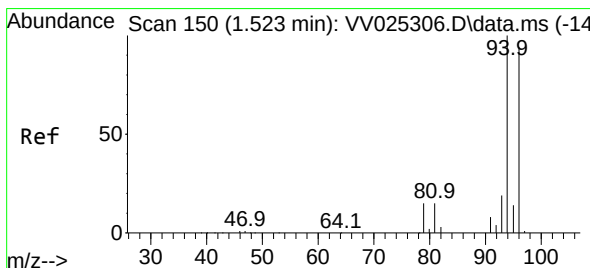
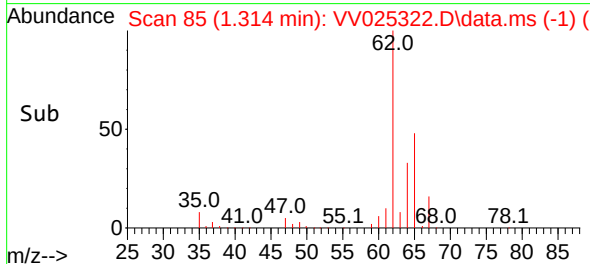
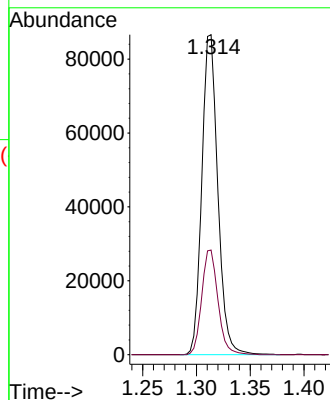
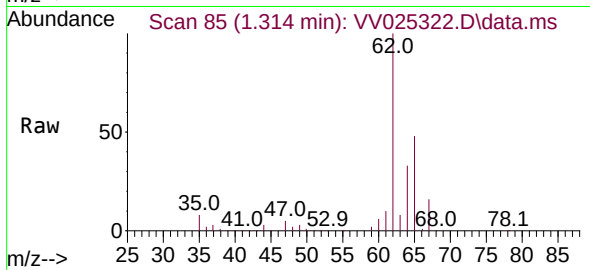




#5
 Vinyl chloride
 Concen: 4.763 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025322.D
 Acq: 30 Mar 2022 17:38

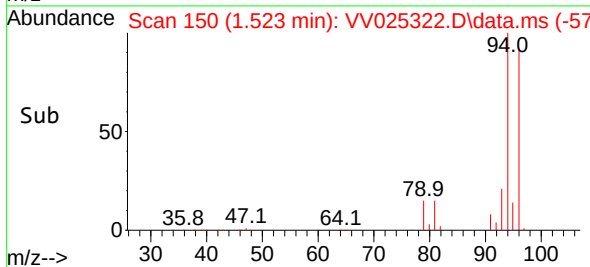
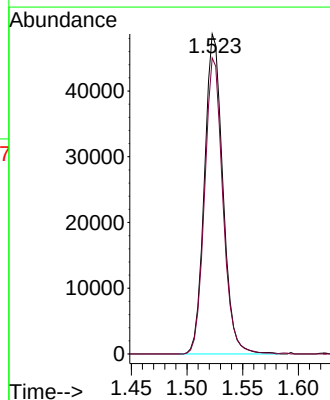
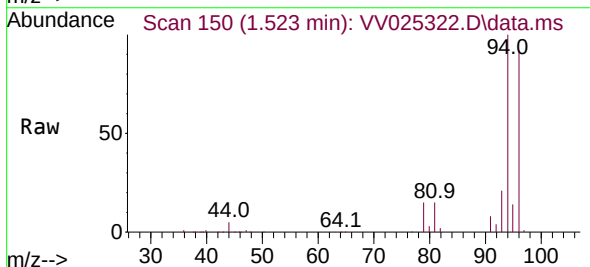
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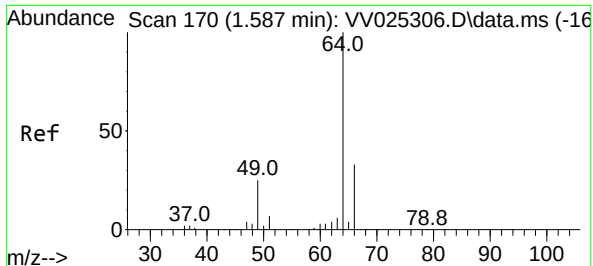
Tgt Ion: 62 Resp: 89413
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.0 40.8



#6
 Bromomethane
 Concen: 5.022 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV025322.D
 Acq: 30 Mar 2022 17:38

Tgt Ion: 94 Resp: 55961
 Ion Ratio Lower Upper
 94 100
 96 92.5 65.5 121.7

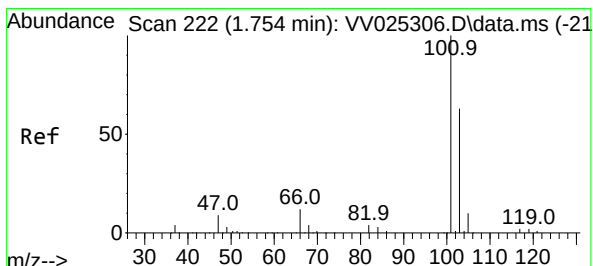
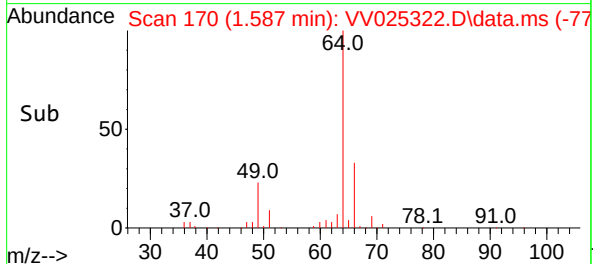
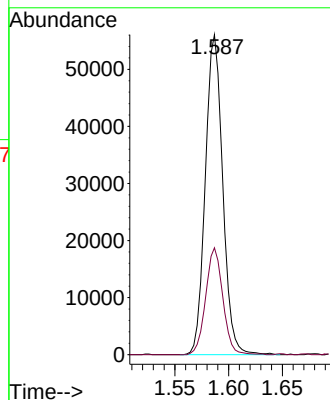
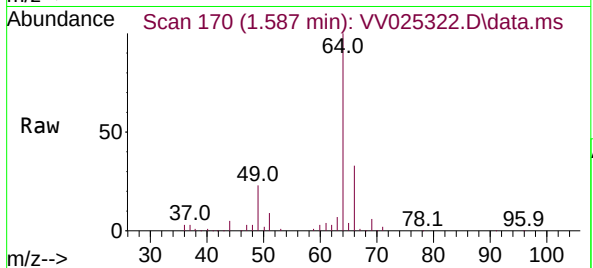




#8
Chloroethane
Concen: 5.347 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025322.D
Acq: 30 Mar 2022 17:38

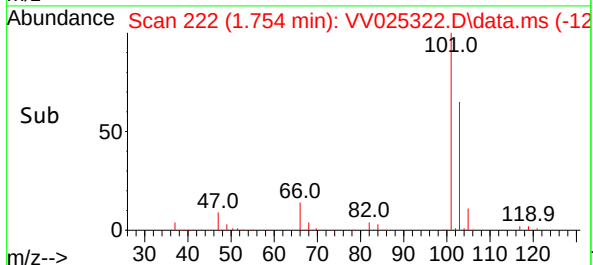
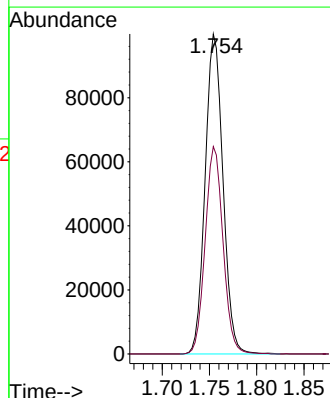
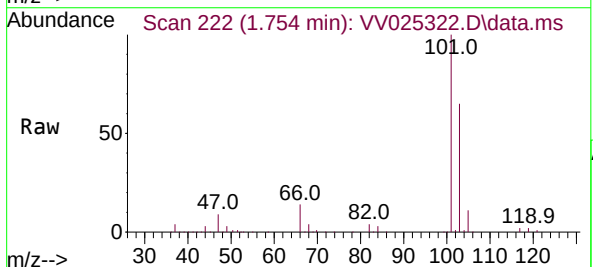
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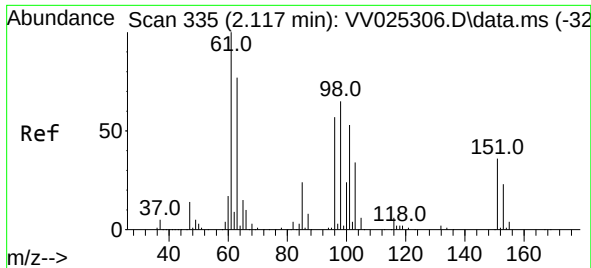
Tgt Ion: 64 Resp: 62987
Ion Ratio Lower Upper
64 100
66 33.4 23.5 43.7



#9
Trichlorofluoromethane
Concen: 5.162 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV025322.D
Acq: 30 Mar 2022 17:38

Tgt Ion:101 Resp: 131001
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.2

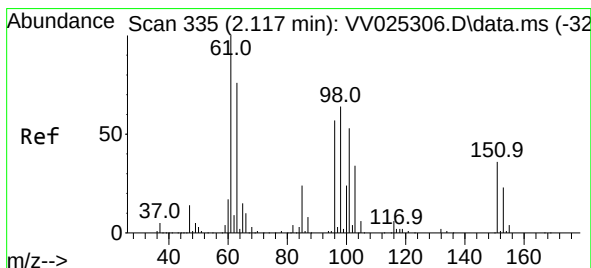
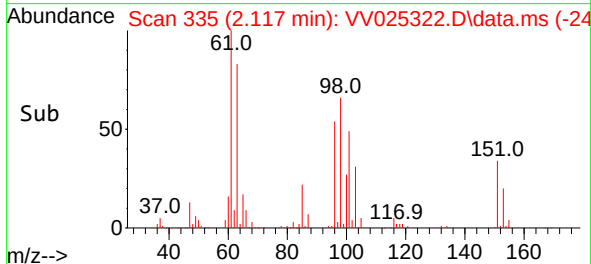
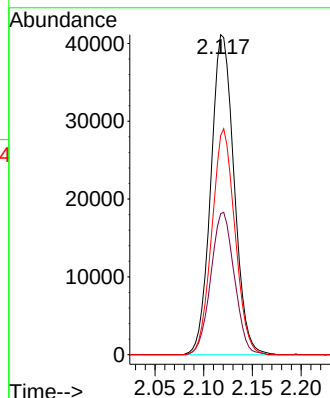
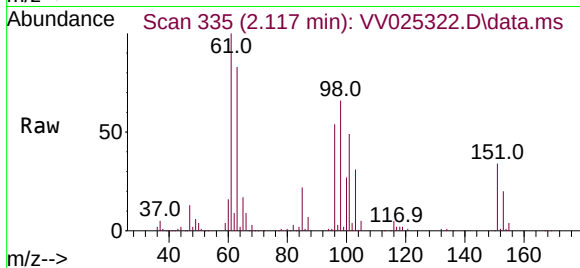




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.532 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV025322.D
 Acq: 30 Mar 2022 17:38

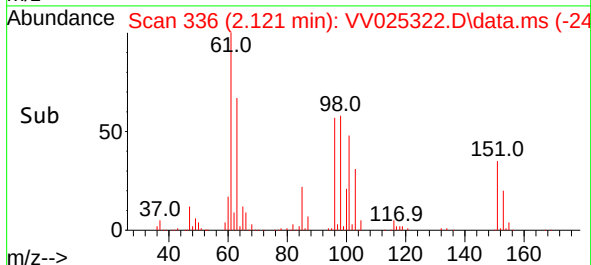
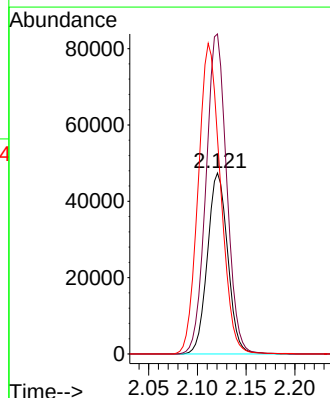
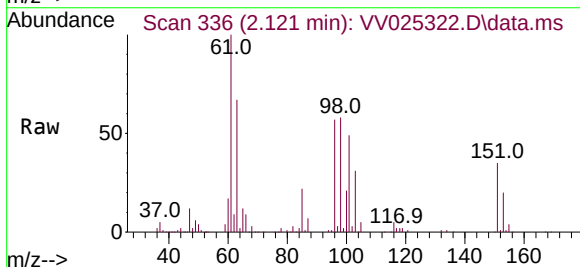
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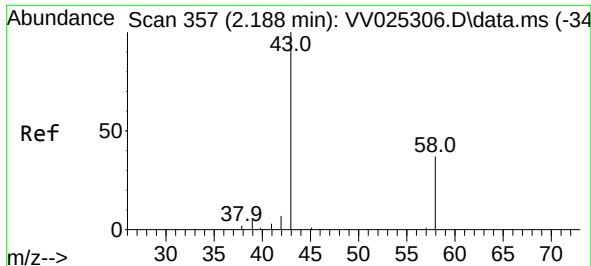
Tgt Ion:101 Resp: 68305
 Ion Ratio Lower Upper
 101 100
 85 45.0 36.0 54.0
 151 70.1 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 4.769 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025322.D
 Acq: 30 Mar 2022 17:38

Tgt Ion: 96 Resp: 68497
 Ion Ratio Lower Upper
 96 100
 61 176.8 121.5 225.7
 63 119.3 77.9 144.7





#13

Acetone

Concen: 54.142 ug/L

RT: 2.185 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV025322.D

Acq: 30 Mar 2022 17:38

Instrument :

MSVOA_V

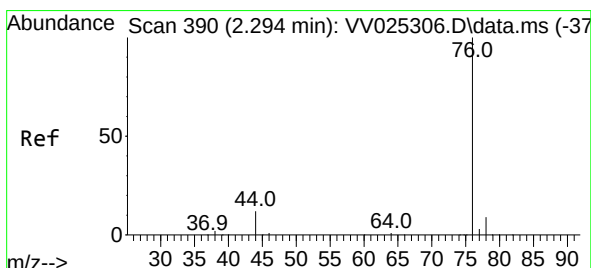
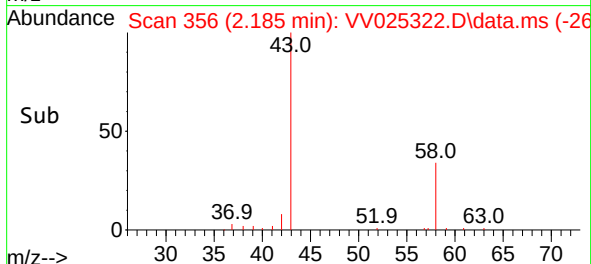
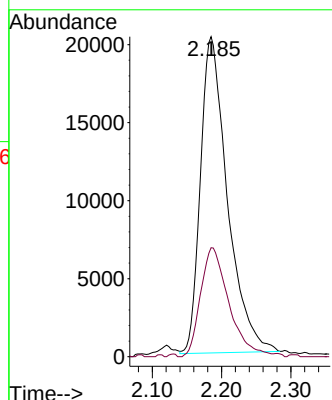
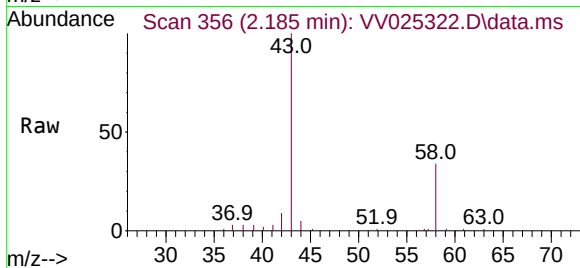
ClientSampleId :

Tgt Ion: 43 Resp: 54840

Ion Ratio Lower Upper

43 100

58 36.1 0.0 51.2



#14

Carbon disulfide

Concen: 5.096 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV025322.D

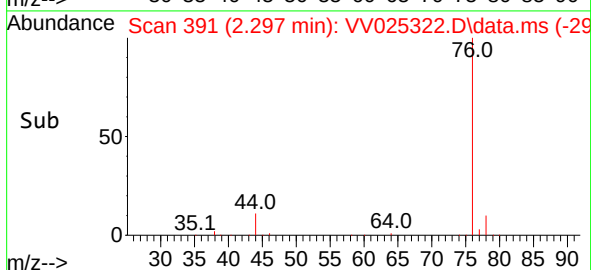
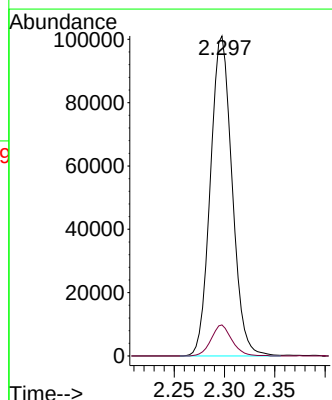
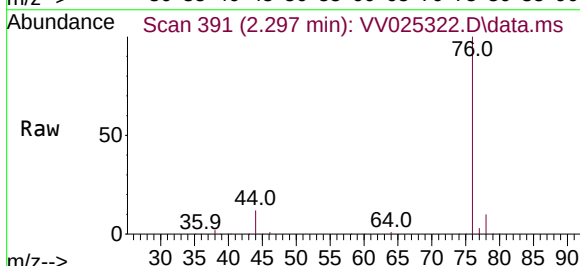
Acq: 30 Mar 2022 17:38

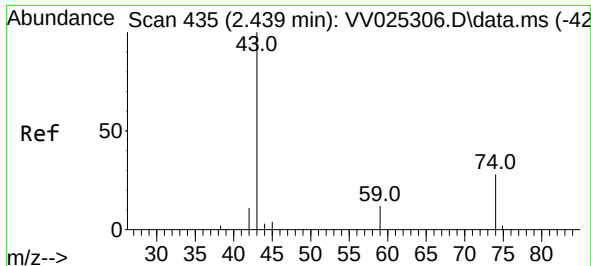
Tgt Ion: 76 Resp: 151628

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.4

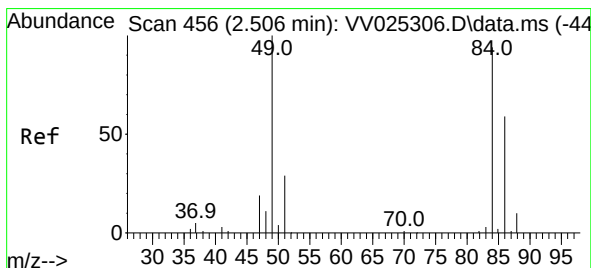
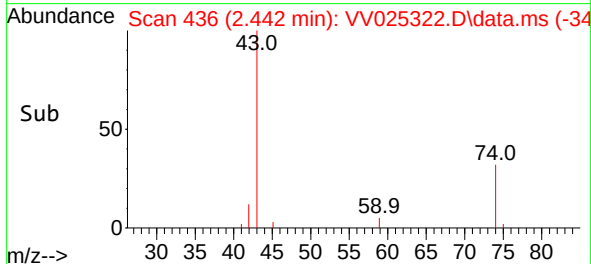
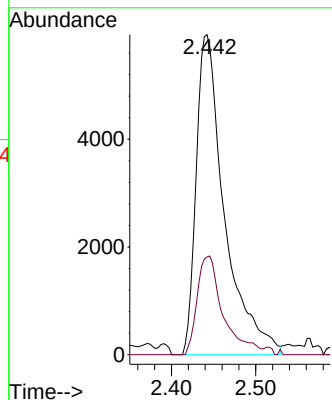
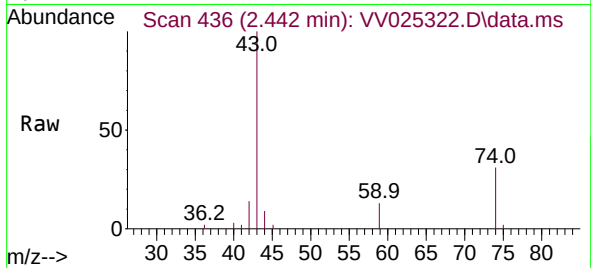




#15
Methyl Acetate
Concen: 6.019 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025322.D
Acq: 30 Mar 2022 17:38

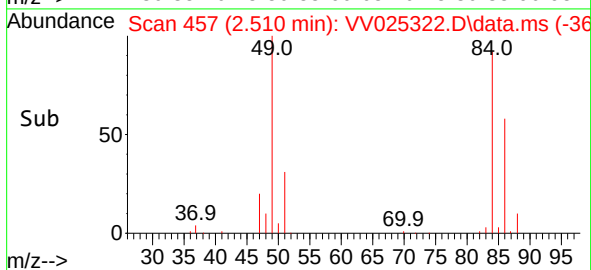
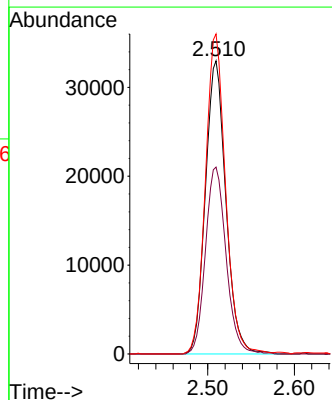
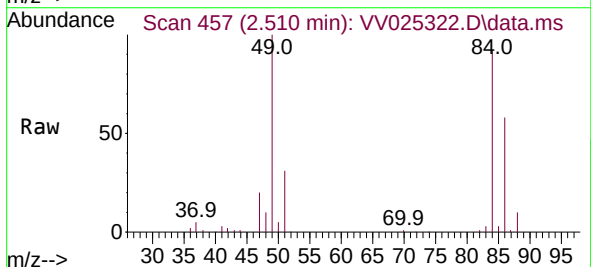
Instrument :
MSVOA_V
ClientSampleId :

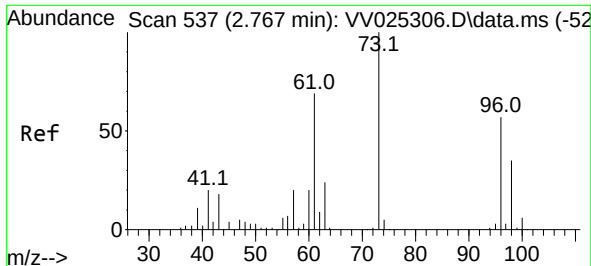
Tgt Ion: 43 Resp: 13880
Ion Ratio Lower Upper
43 100
74 28.2 20.9 31.3



#16
Methylene chloride
Concen: 4.809 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025322.D
Acq: 30 Mar 2022 17:38

Tgt Ion: 84 Resp: 54234
Ion Ratio Lower Upper
84 100
86 63.8 43.5 80.7
49 109.2 74.5 138.3

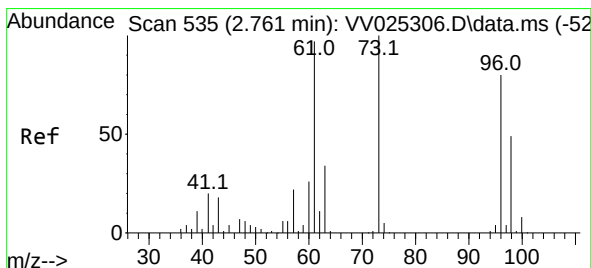
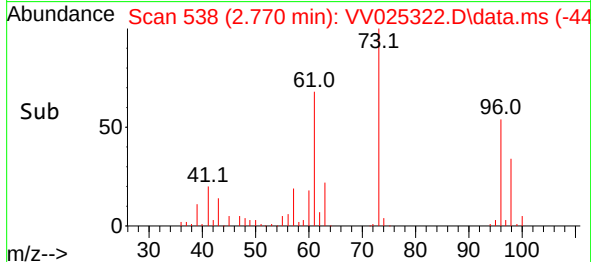
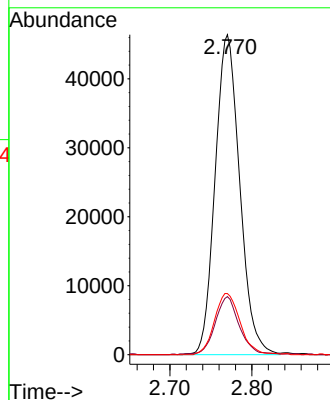
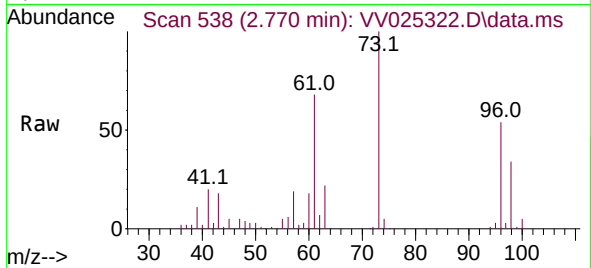




#17
Methyl tert-butyl Ether
Concen: 5.321 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025322.D
Acq: 30 Mar 2022 17:38

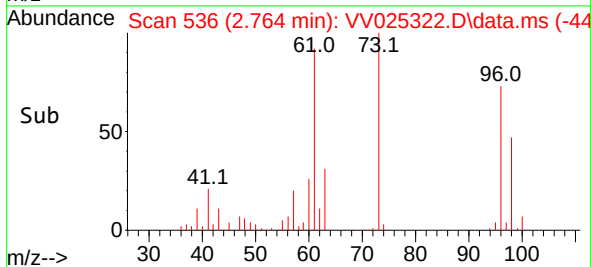
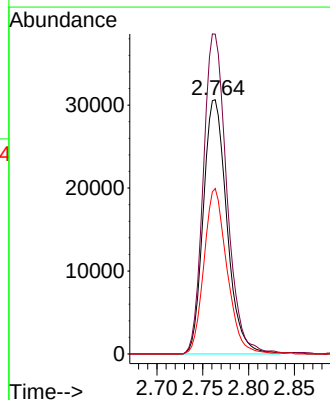
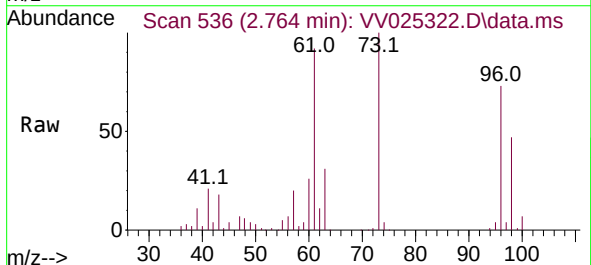
Instrument :
MSVOA_V
ClientSampleId :

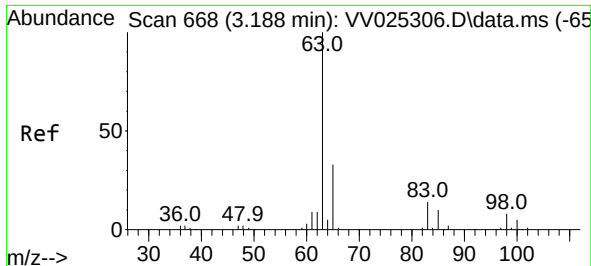
Tgt Ion: 73 Resp: 96688
Ion Ratio Lower Upper
73 100
43 17.9 13.5 20.3
57 19.9 16.4 24.6



#18
trans-1,2-Dichloroethene
Concen: 5.318 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV025322.D
Acq: 30 Mar 2022 17:38

Tgt Ion: 96 Resp: 54823
Ion Ratio Lower Upper
96 100
61 125.8 87.6 162.8
98 65.1 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.519 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025322.D

Acq: 30 Mar 2022 17:38

Instrument :

MSVOA_V

ClientSampleId :

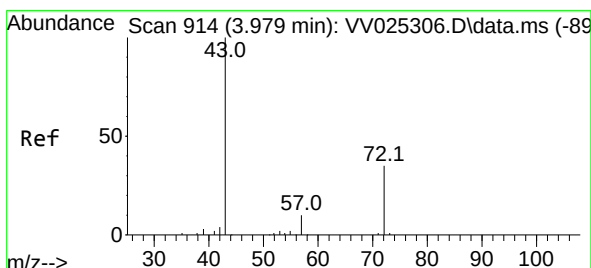
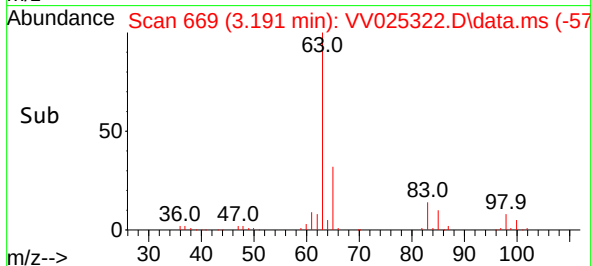
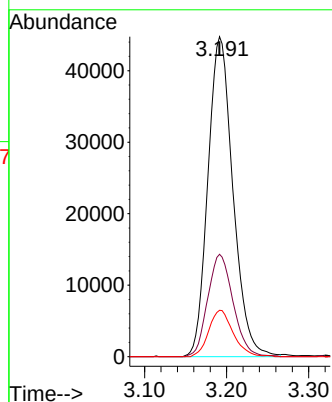
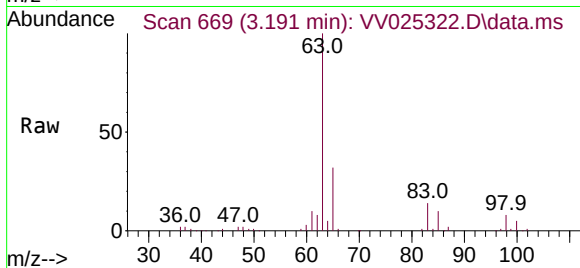
Tgt Ion: 63 Resp: 94980

Ion Ratio Lower Upper

63 100

65 32.0 22.0 40.8

83 14.5 10.2 19.0



#21

2-Butanone

Concen: 57.968 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.000 min

Lab File: VV025322.D

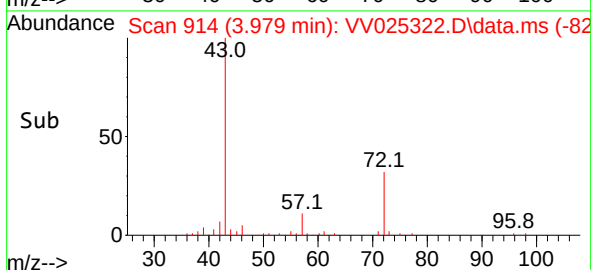
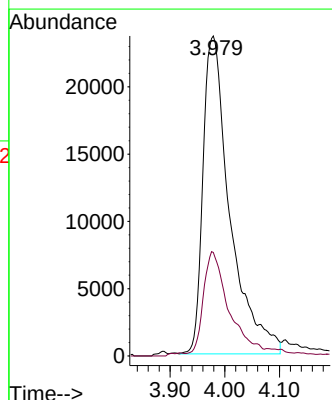
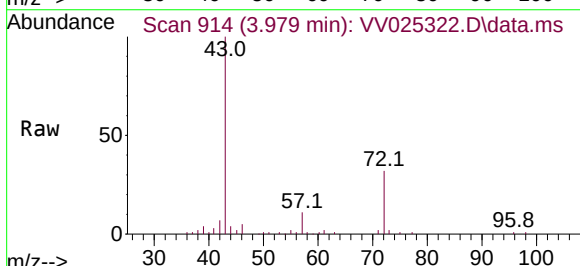
Acq: 30 Mar 2022 17:38

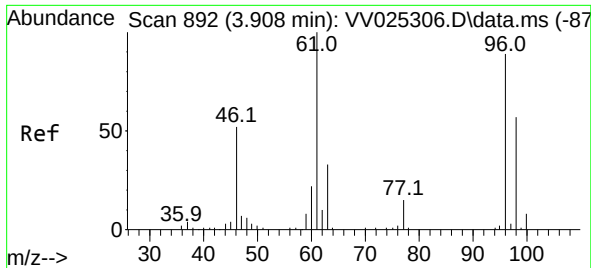
Tgt Ion: 43 Resp: 80793

Ion Ratio Lower Upper

43 100

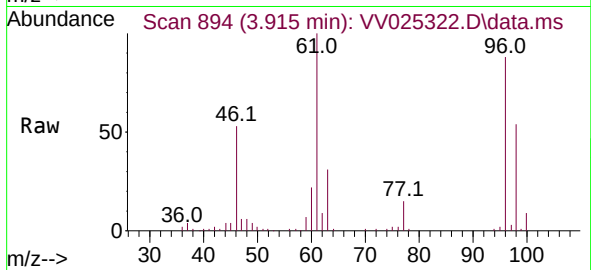
72 29.5 11.8 35.4



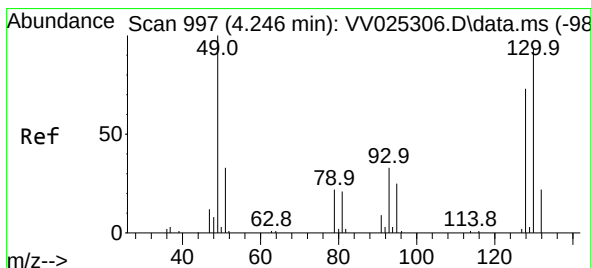
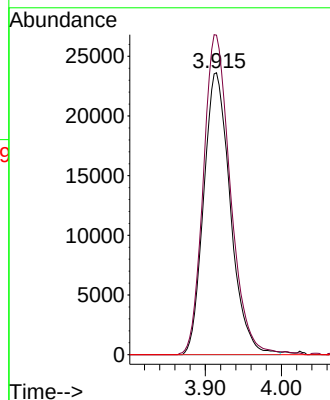
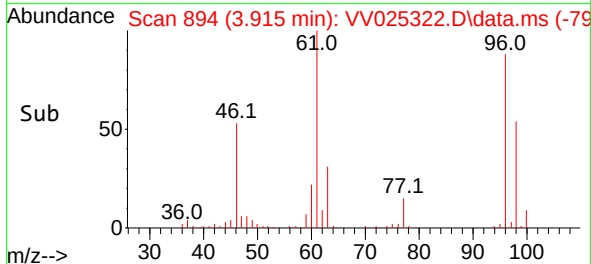


#22
 cis-1,2-Dichloroethene
 Concen: 5.503 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV025322.D
 Acq: 30 Mar 2022 17:38

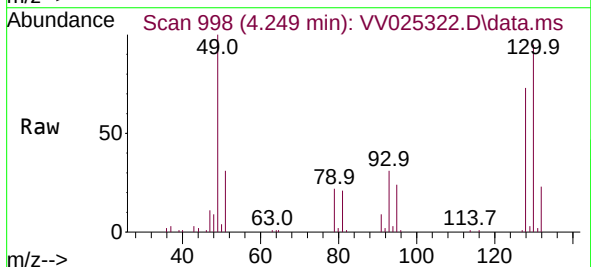
Instrument :
 MSVOA_V
 ClientSampleId :



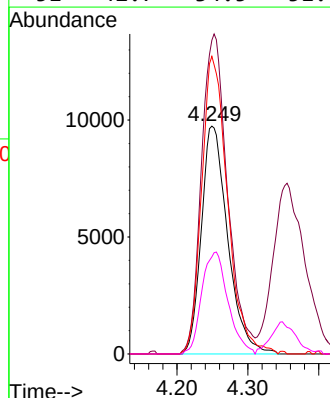
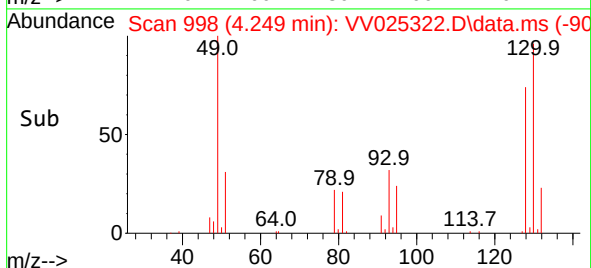
Tgt Ion: 96 Resp: 57639
 Ion Ratio Lower Upper
 96 100
 61 113.3 84.1 156.1
 68 0.0 0.0 0.0

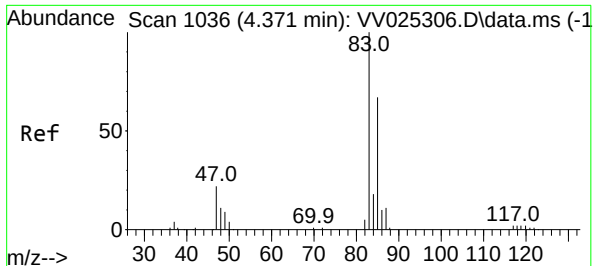


#23
 Bromochloromethane
 Concen: 5.758 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.003 min
 Lab File: VV025322.D
 Acq: 30 Mar 2022 17:38



Tgt Ion: 128 Resp: 25154
 Ion Ratio Lower Upper
 128 100
 49 137.7 101.4 188.4
 130 130.6 85.0 158.0
 51 42.7 34.5 51.7





#25

Chloroform

Concen: 5.496 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025322.D

Acq: 30 Mar 2022 17:38

Instrument :

MSVOA_V

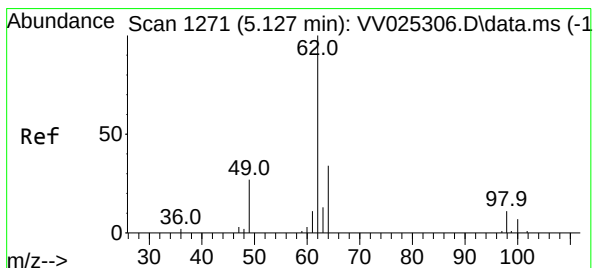
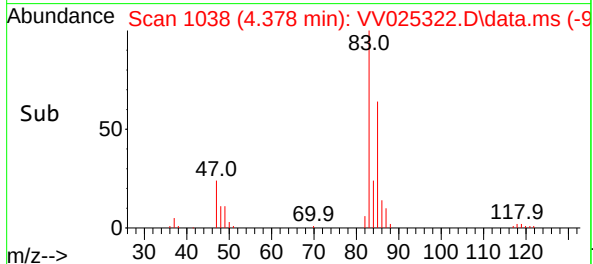
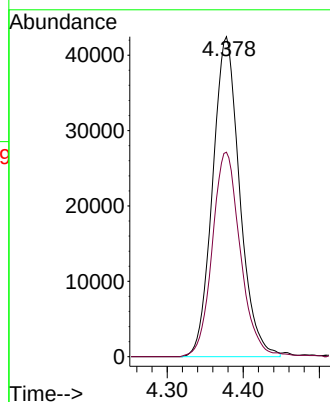
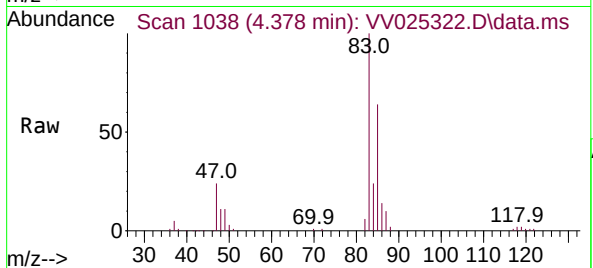
ClientSampleId :

Tgt Ion: 83 Resp: 104945

Ion Ratio Lower Upper

83 100

85 63.9 44.7 82.9



#27

1,2-Dichloroethane

Concen: 5.457 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV025322.D

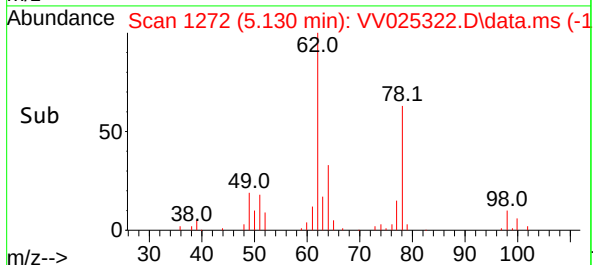
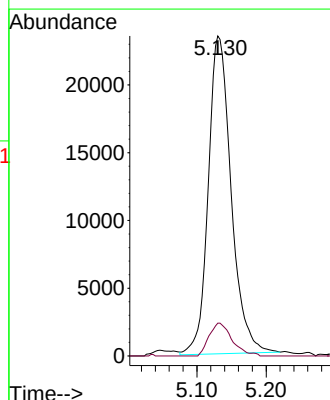
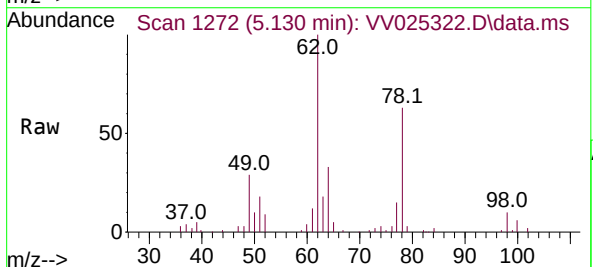
Acq: 30 Mar 2022 17:38

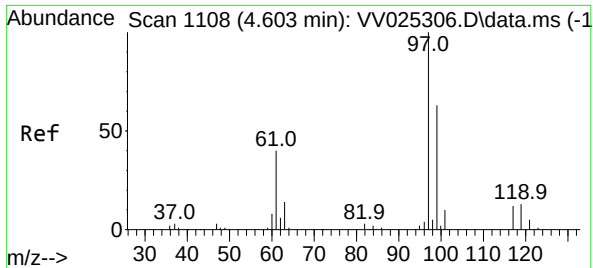
Tgt Ion: 62 Resp: 53812

Ion Ratio Lower Upper

62 100

98 10.2 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.622 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV025322.D

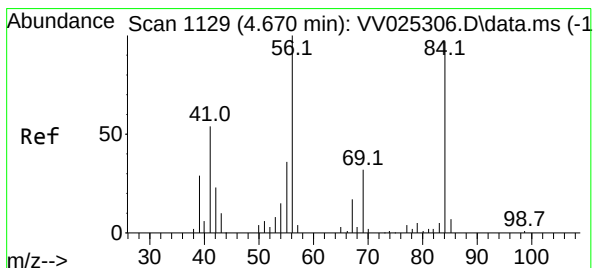
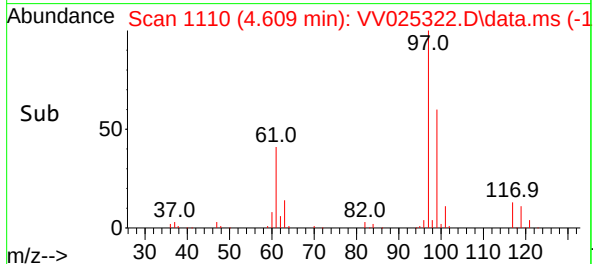
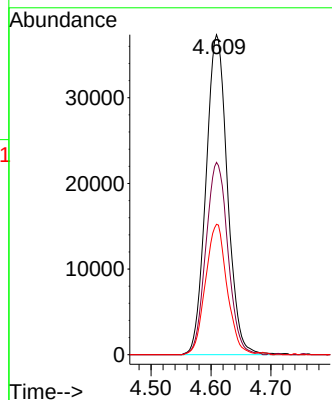
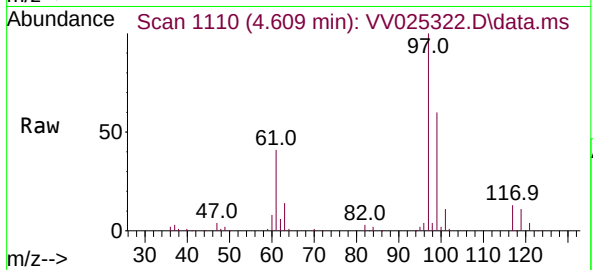
Acq: 30 Mar 2022 17:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97	Resp: 92934
Ion Ratio	Lower Upper
97 100	
99 61.9	51.9 77.9
61 41.0	34.2 51.2



#30

Cyclohexane

Concen: 4.911 ug/L

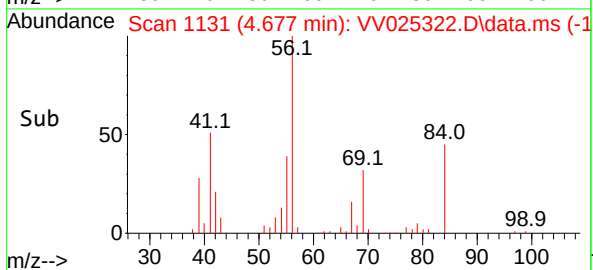
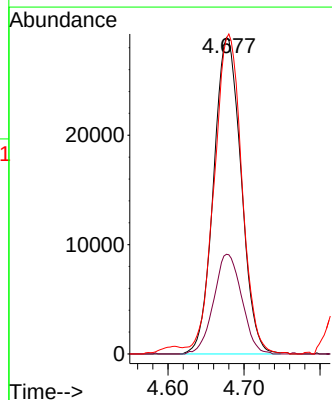
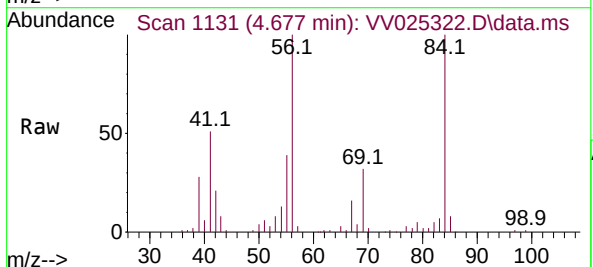
RT: 4.677 min Scan# 1131

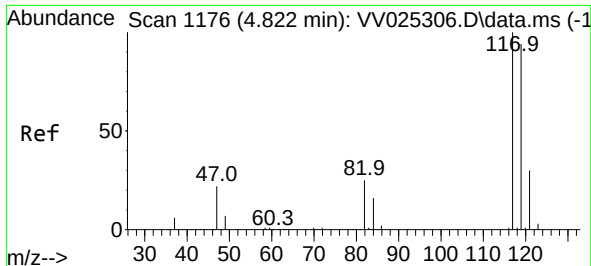
Delta R.T. 0.006 min

Lab File: VV025322.D

Acq: 30 Mar 2022 17:38

Tgt Ion: 56	Resp: 72602
Ion Ratio	Lower Upper
56 100	
69 32.2	25.3 37.9
84 100.9	78.4 117.6

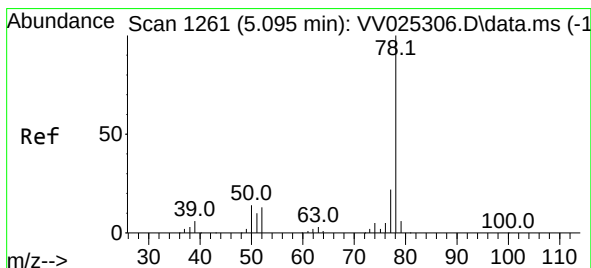
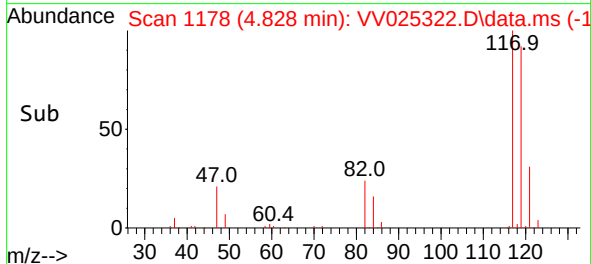
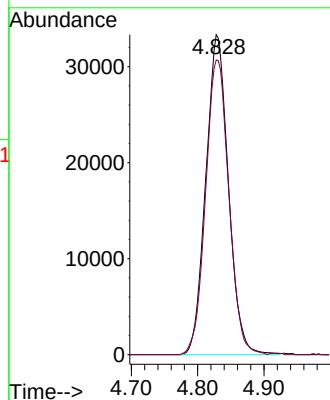
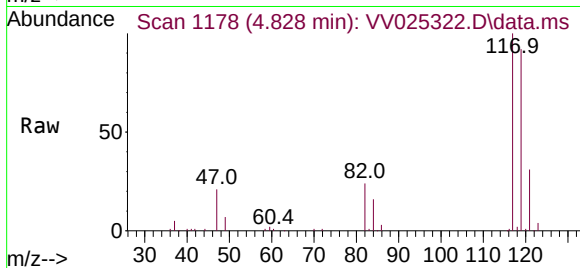




#31
Carbon tetrachloride
Concen: 5.518 ug/L
RT: 4.828 min Scan# 1176
Delta R.T. 0.006 min
Lab File: VV025322.D
Acq: 30 Mar 2022 17:38

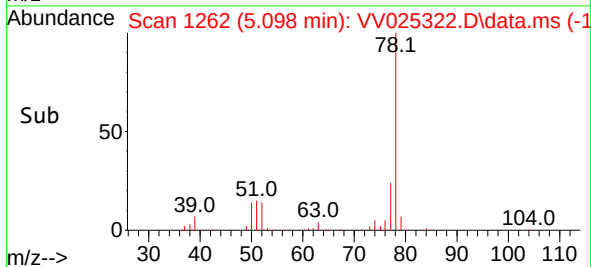
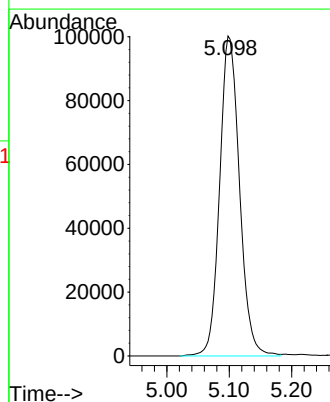
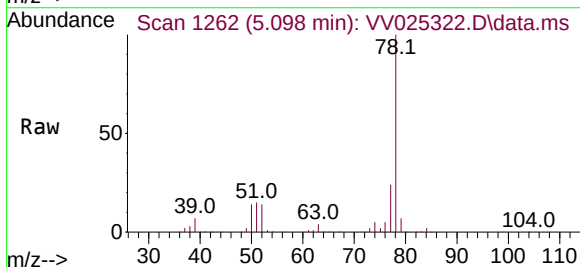
Instrument :
MSVOA_V
ClientSampleId :

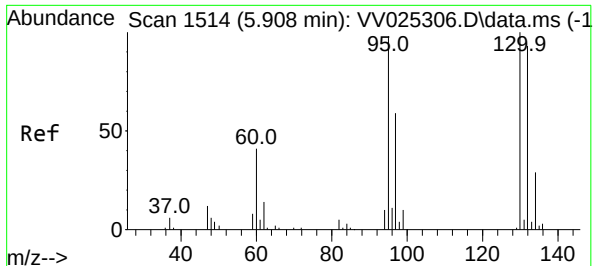
Tgt Ion:117 Resp: 78953
Ion Ratio Lower Upper
117 100
119 94.7 77.8 116.6



#33
Benzene
Concen: 5.527 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV025322.D
Acq: 30 Mar 2022 17:38

Tgt Ion: 78 Resp: 221643

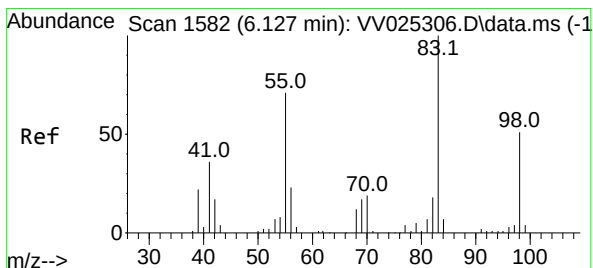
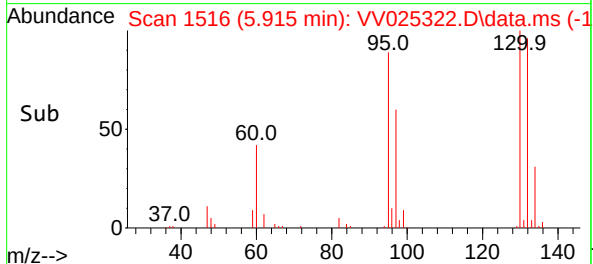
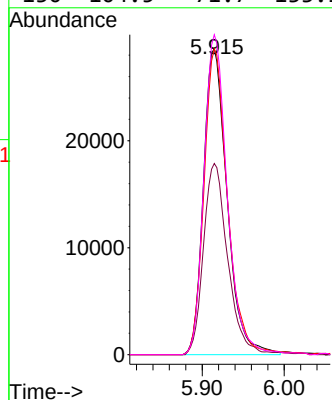
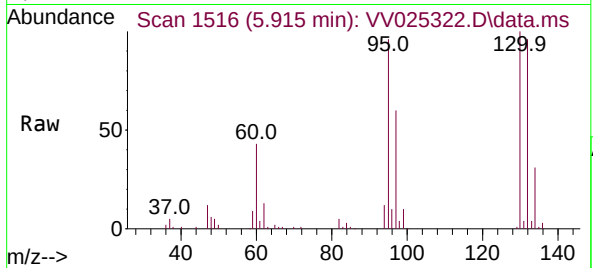




#34
Trichloroethene
Concen: 5.209 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV025322.D
Acq: 30 Mar 2022 17:38

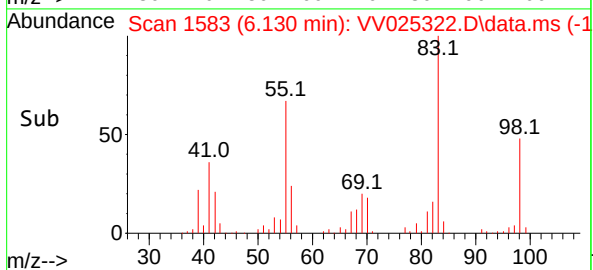
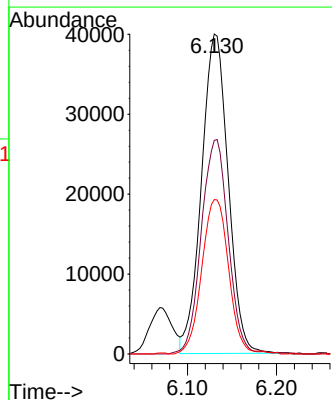
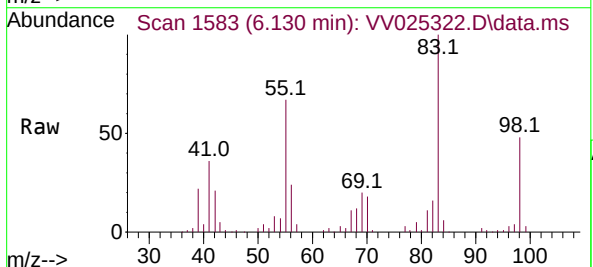
Instrument :
MSVOA_V
ClientSampleId :

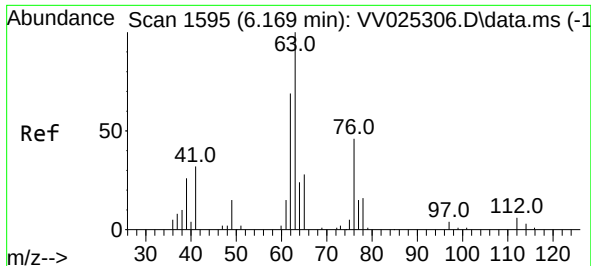
Tgt Ion: 95 Resp: 57353
Ion Ratio Lower Upper
95 100
97 62.4 46.3 85.9
132 99.9 65.2 121.2
130 104.5 71.7 133.1



#35
Methylcyclohexane
Concen: 4.824 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV025322.D
Acq: 30 Mar 2022 17:38

Tgt Ion: 83 Resp: 83227
Ion Ratio Lower Upper
83 100
55 67.8 54.6 81.8
98 48.7 39.8 59.6





#37

1,2-Dichloropropane

Concen: 5.266 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025322.D

Acq: 30 Mar 2022 17:38

Instrument :

MSVOA_V

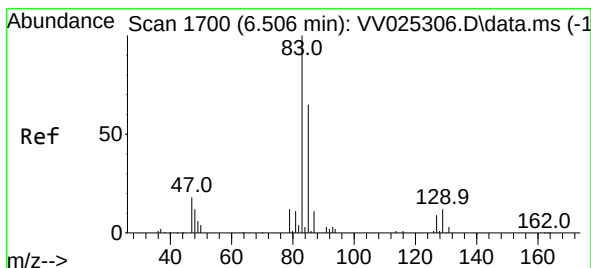
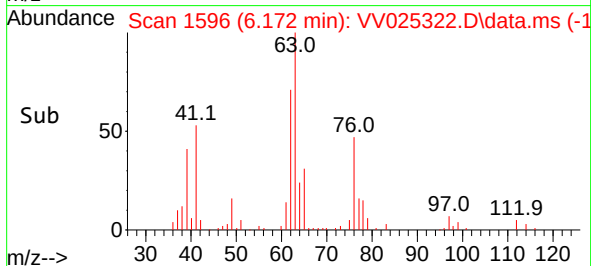
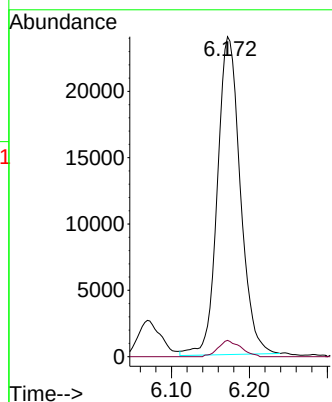
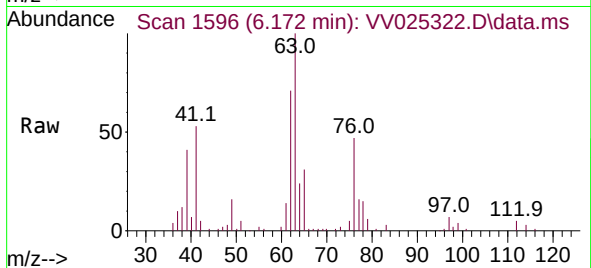
ClientSampleId :

Tgt Ion: 63 Resp: 48982

Ion Ratio Lower Upper

63 100

112 5.1 4.2 6.2



#38

Bromodichloromethane

Concen: 5.526 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025322.D

Acq: 30 Mar 2022 17:38

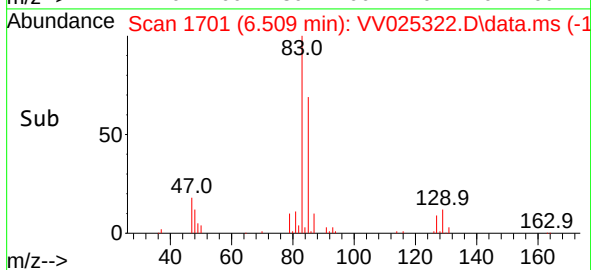
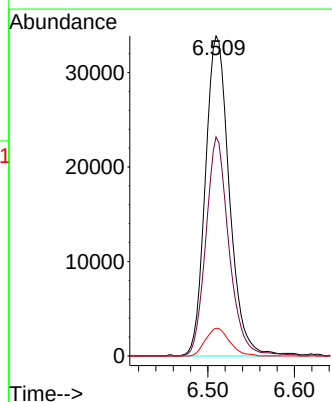
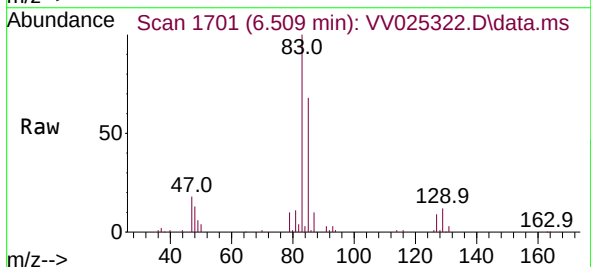
Tgt Ion: 83 Resp: 65114

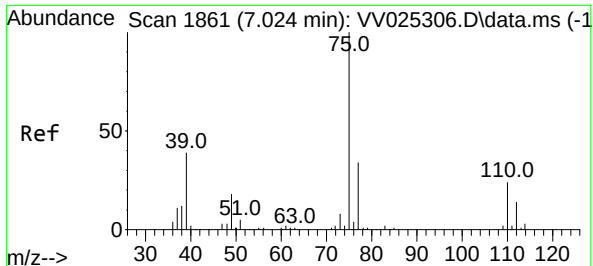
Ion Ratio Lower Upper

83 100

85 68.4 47.2 87.6

127 8.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.315 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV025322.D

Acq: 30 Mar 2022 17:38

Instrument :

MSVOA_V

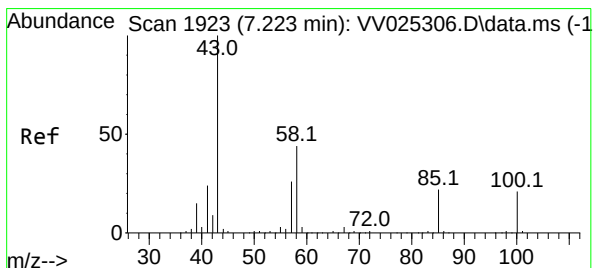
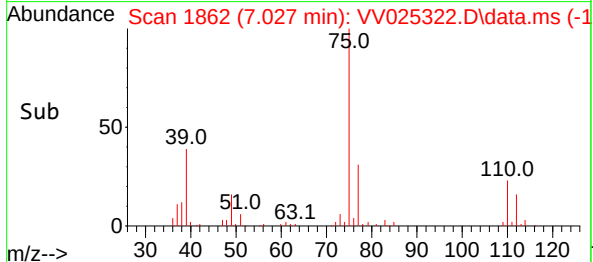
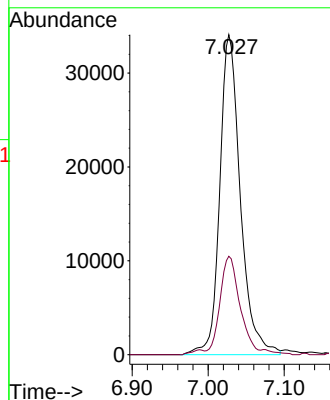
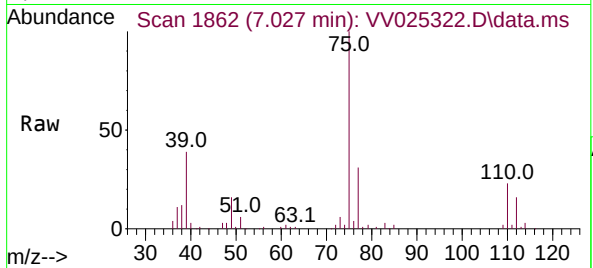
ClientSampleId :

Tgt Ion: 75 Resp: 64110

Ion Ratio Lower Upper

75 100

77 30.8 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 57.389 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025322.D

Acq: 30 Mar 2022 17:38

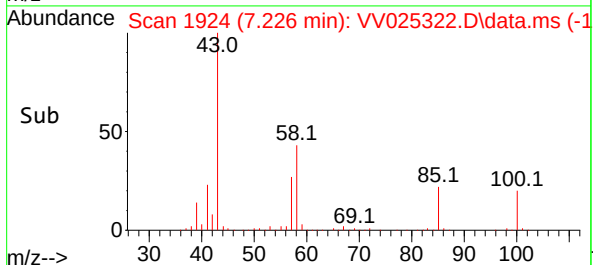
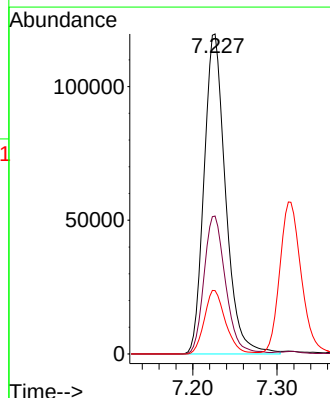
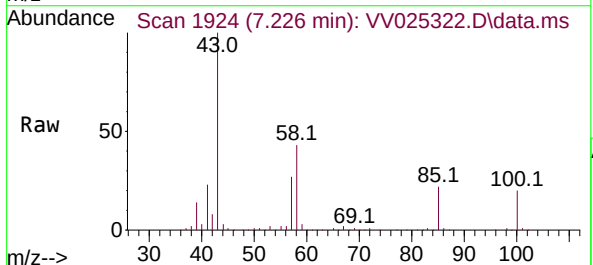
Tgt Ion: 43 Resp: 213138

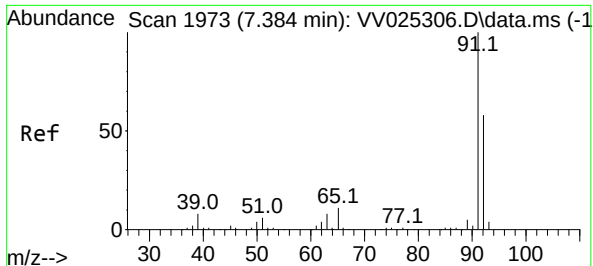
Ion Ratio Lower Upper

43 100

58 43.3 35.1 52.7

100 19.5 15.5 23.3





#42

Toluene

Concen: 5.548 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025322.D

Acq: 30 Mar 2022 17:38

Instrument :

MSVOA_V

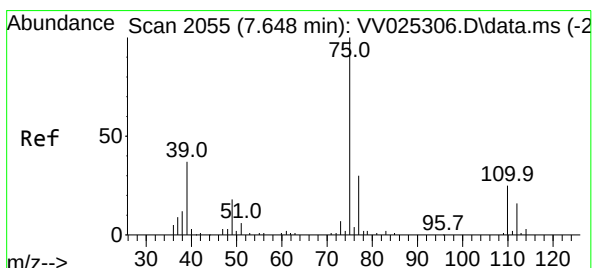
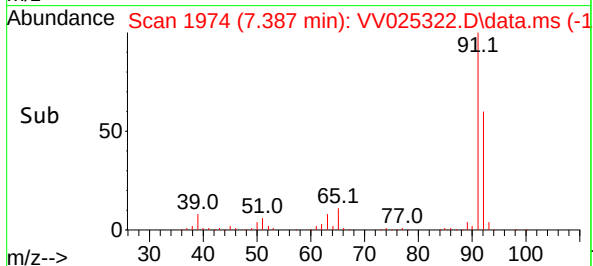
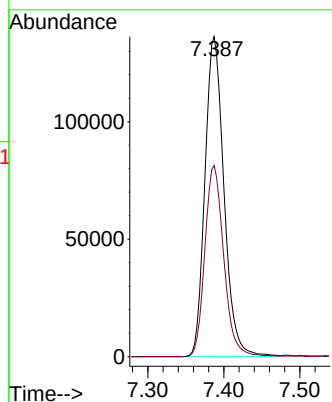
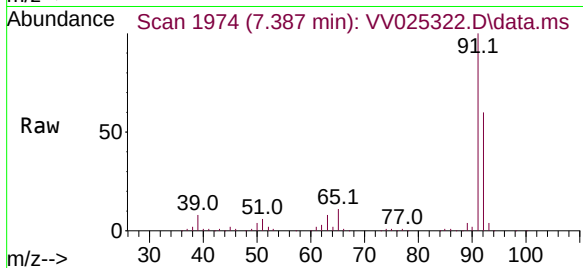
ClientSampleId :

Tgt Ion: 91 Resp: 237509

Ion Ratio Lower Upper

91 100

92 59.7 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.313 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025322.D

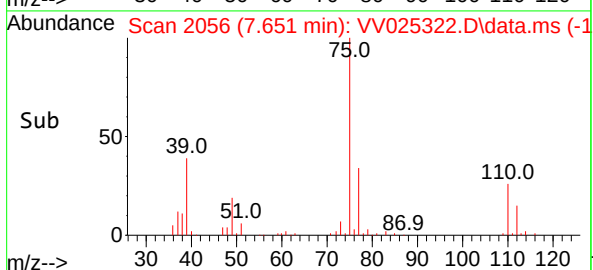
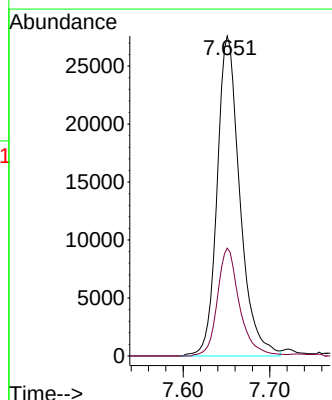
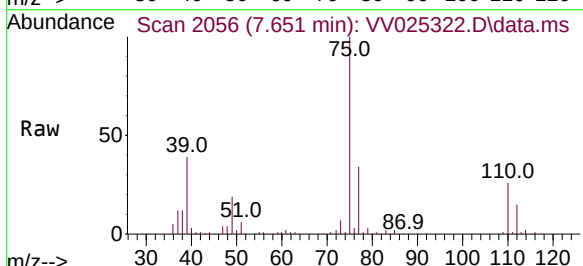
Acq: 30 Mar 2022 17:38

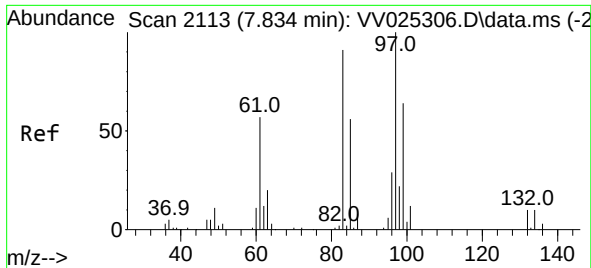
Tgt Ion: 75 Resp: 50373

Ion Ratio Lower Upper

75 100

77 33.7 24.2 45.0

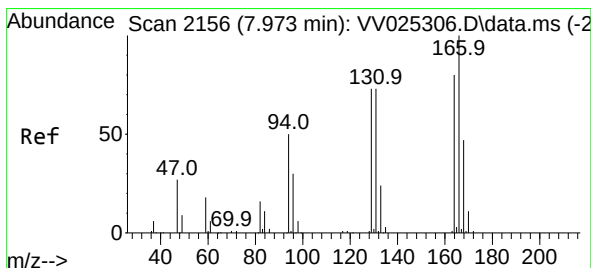
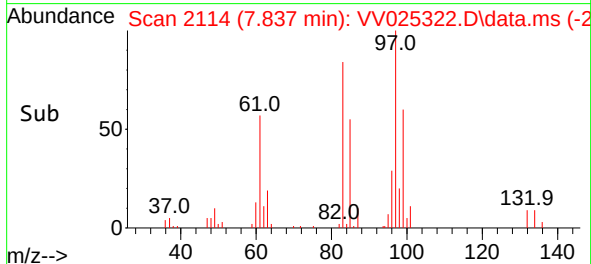
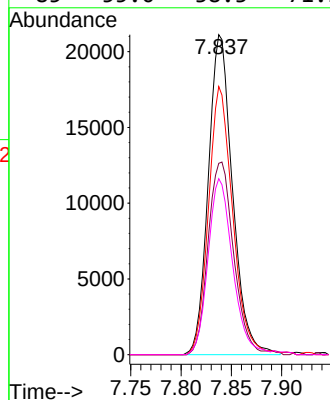
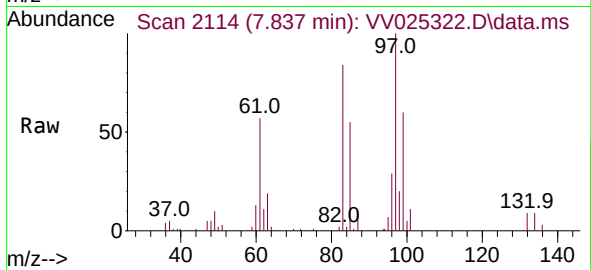




#45
1,1,2-Trichloroethane
Concen: 5.565 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV025322.D
Acq: 30 Mar 2022 17:38

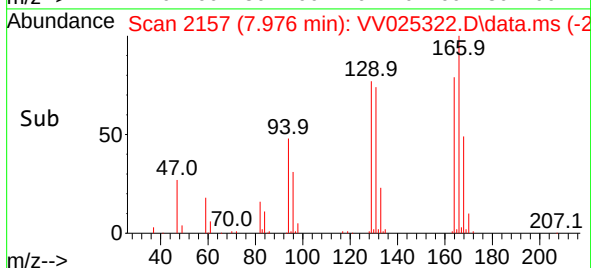
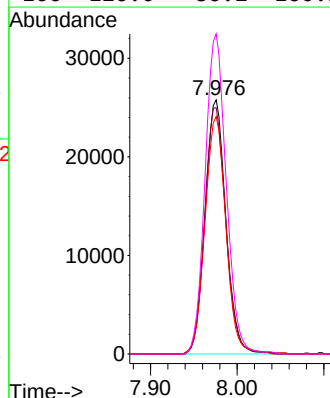
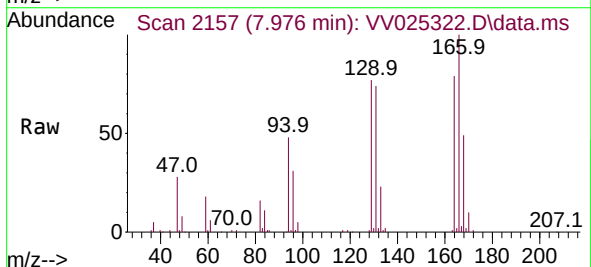
Instrument :
MSVOA_V
ClientSampleId :

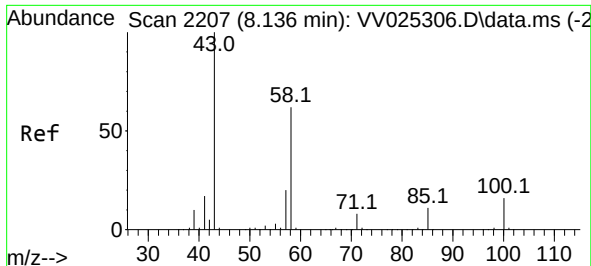
Tgt Ion: 97	Resp: 35444
Ion Ratio	Lower Upper
97 100	
99 59.8	43.3 80.5
83 83.8	58.0 107.6
85 55.0	38.3 71.1



#47
Tetrachloroethene
Concen: 5.304 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025322.D
Acq: 30 Mar 2022 17:38

Tgt	Ion:164	Resp:	43065
Ion	Ratio	Lower	Upper
164	100		
129	97.0	67.5	125.4
131	93.5	68.0	126.4
166	126.0	86.2	160.2

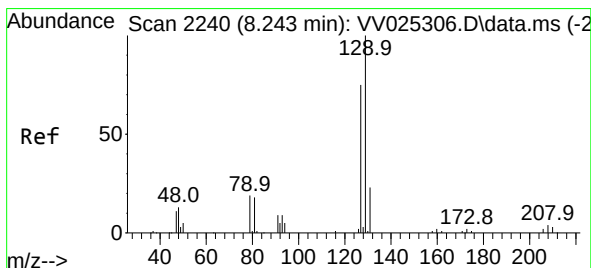
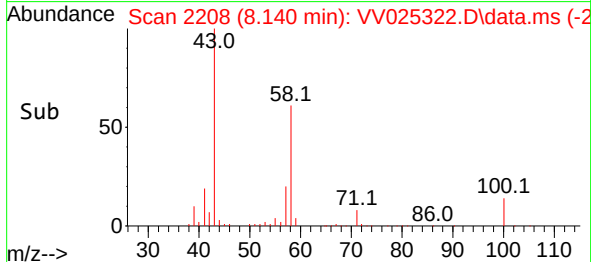
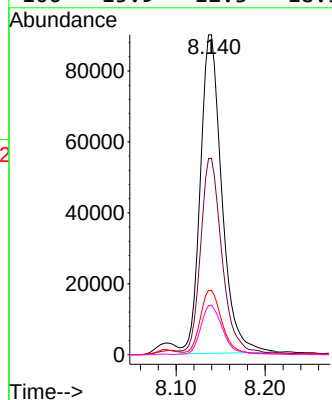
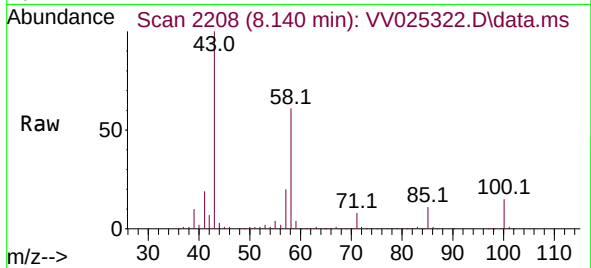




#48
2-Hexanone
Concen: 56.820 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025322.D
Acq: 30 Mar 2022 17:38

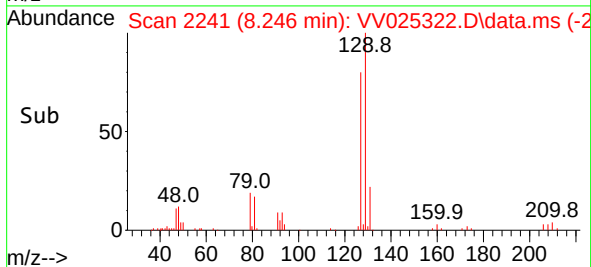
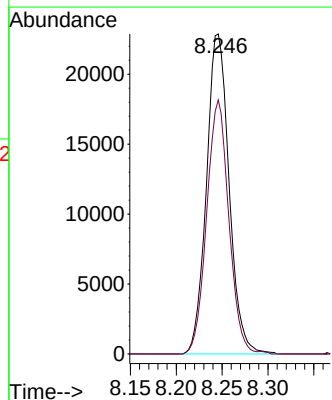
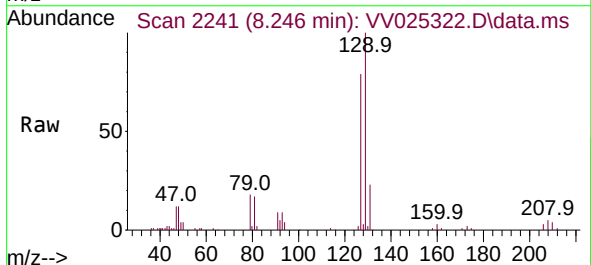
Instrument :
MSVOA_V
ClientSampleId :

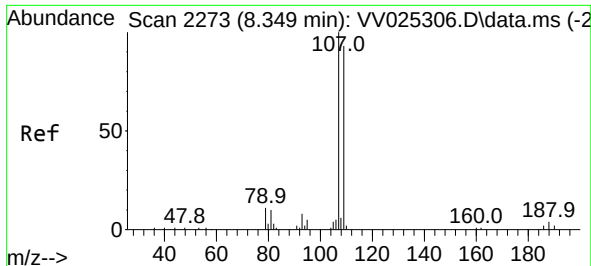
Tgt Ion: 43 Resp: 150929
Ion Ratio Lower Upper
43 100
58 60.4 48.5 72.7
57 20.4 16.9 25.3
100 15.9 12.3 18.5



#49
Dibromochloromethane
Concen: 5.732 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025322.D
Acq: 30 Mar 2022 17:38

Tgt Ion: 129 Resp: 39287
Ion Ratio Lower Upper
129 100
127 79.4 54.1 100.5





#50

1,2-Dibromoethane

Concen: 5.521 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025322.D

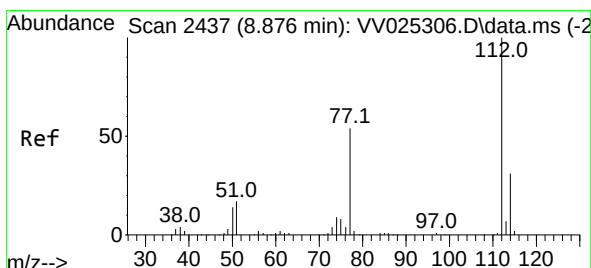
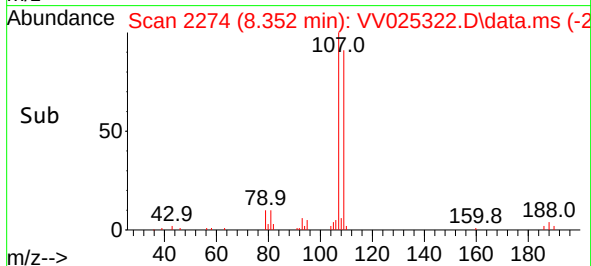
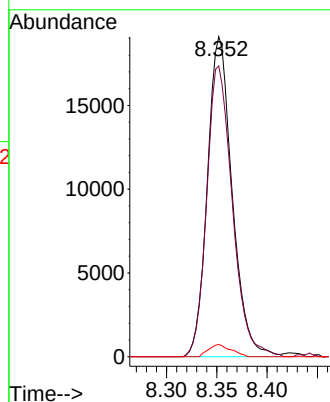
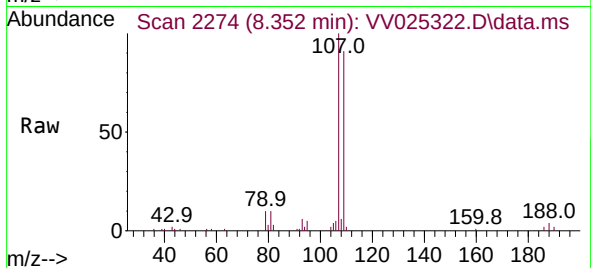
Acq: 30 Mar 2022 17:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	32759
Ion Ratio	Lower	Upper
107	100	
109	90.8	64.7 120.1
188	3.8	2.2 3.4#



#51

Chlorobenzene

Concen: 5.412 ug/L

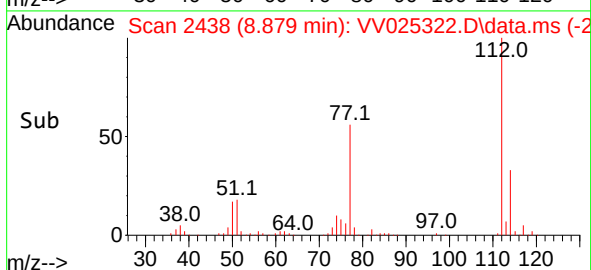
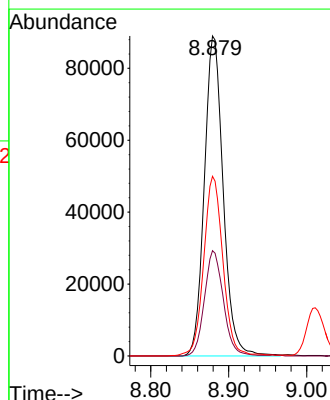
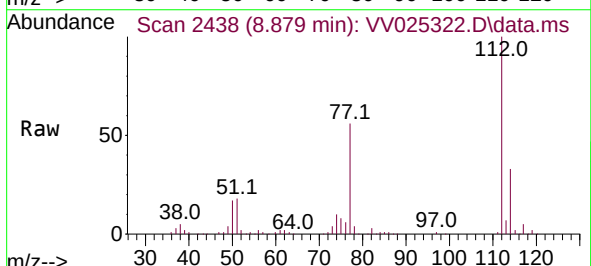
RT: 8.879 min Scan# 2438

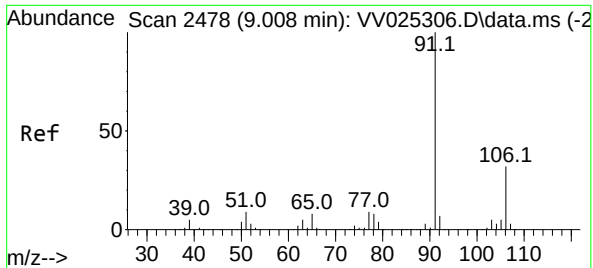
Delta R.T. 0.003 min

Lab File: VV025322.D

Acq: 30 Mar 2022 17:38

Tgt Ion:112	Resp:	149616
Ion Ratio	Lower	Upper
112	100	
114	32.9	21.9 40.7
77	56.1	44.2 66.4

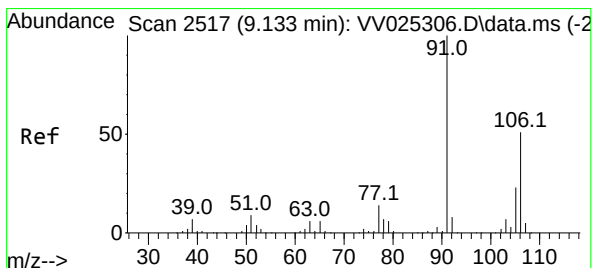
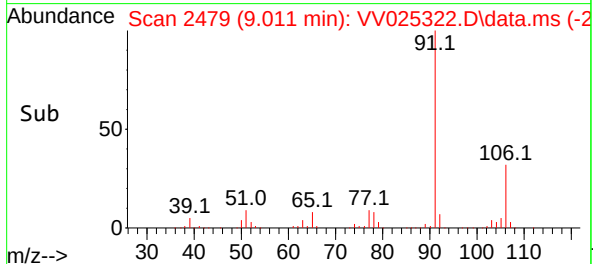
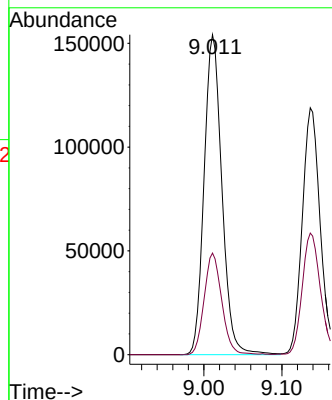
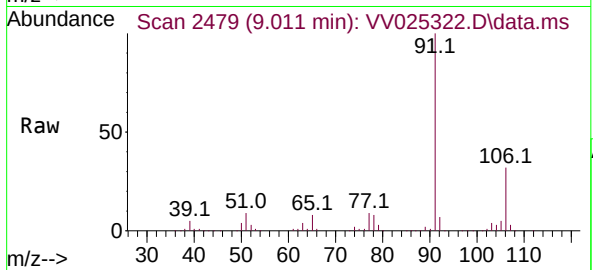




#52
Ethylbenzene
Concen: 5.387 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025322.D
Acq: 30 Mar 2022 17:38

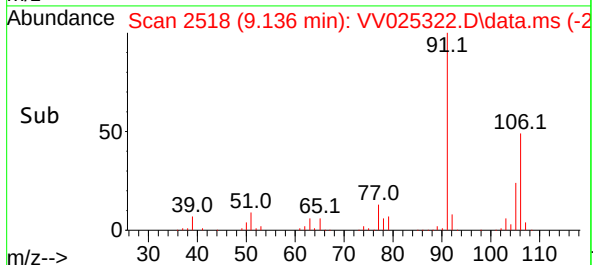
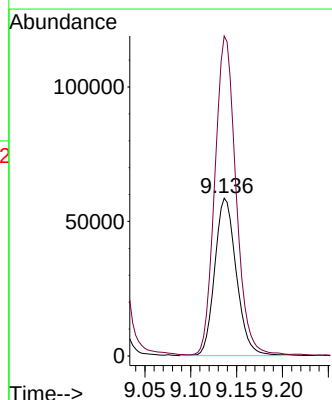
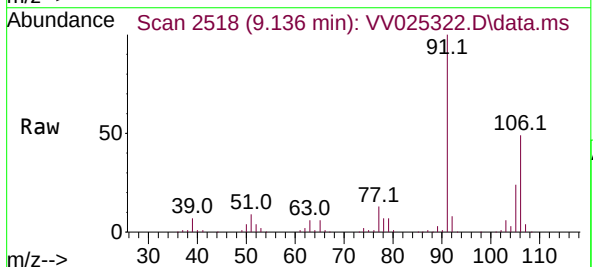
Instrument :
MSVOA_V
ClientSampleId :

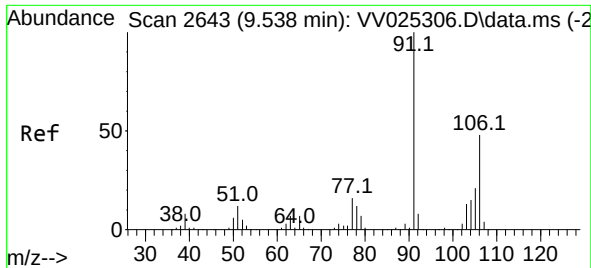
Tgt Ion: 91 Resp: 244603
Ion Ratio Lower Upper
91 100
106 31.7 21.7 40.3



#53
m,p-Xylene
Concen: 5.408 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV025322.D
Acq: 30 Mar 2022 17:38

Tgt Ion:106 Resp: 95506
Ion Ratio Lower Upper
106 100
91 202.9 136.8 254.0

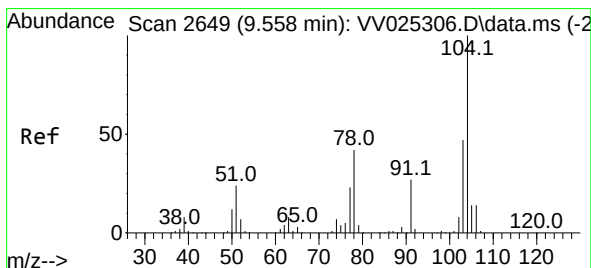
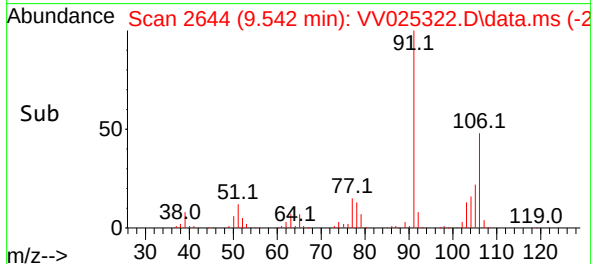
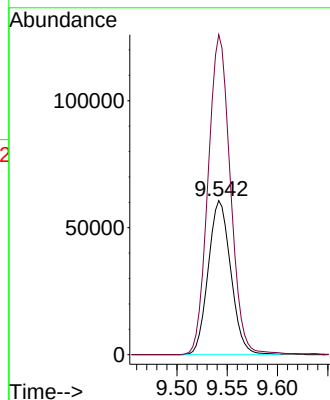
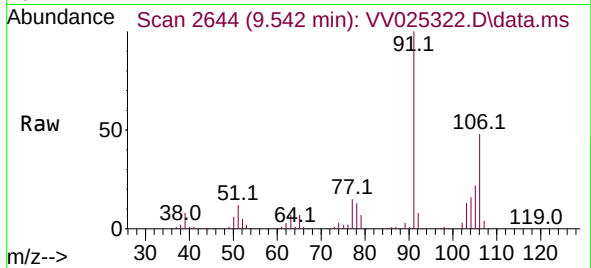




#54
o-Xylene
Concen: 5.606 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV025322.D
Acq: 30 Mar 2022 17:38

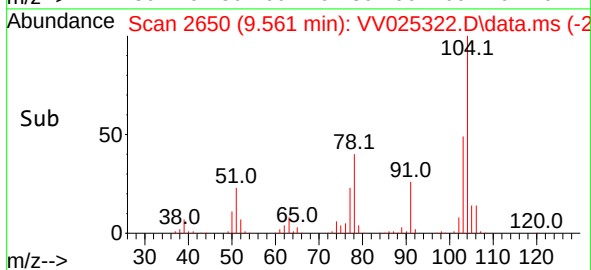
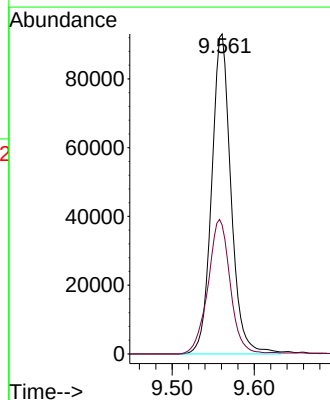
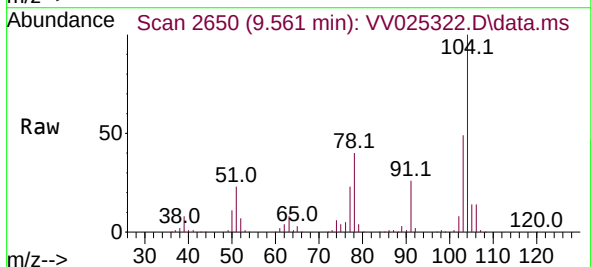
Instrument :
MSVOA_V
ClientSampleId :

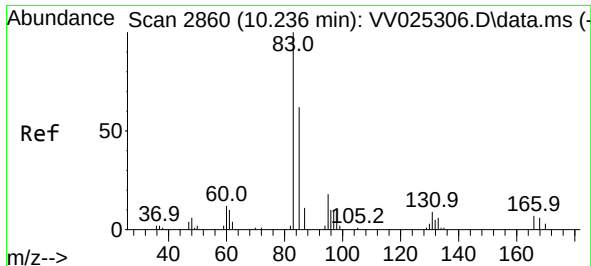
Tgt Ion:106 Resp: 94626
Ion Ratio Lower Upper
106 100
91 207.7 143.0 265.6



#55
Styrene
Concen: 5.489 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025322.D
Acq: 30 Mar 2022 17:38

Tgt Ion:104 Resp: 152361
Ion Ratio Lower Upper
104 100
78 40.3 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.504 ug/L

RT: 10.239 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025322.D

Acq: 30 Mar 2022 17:38

Instrument :

MSVOA_V

ClientSampleId :

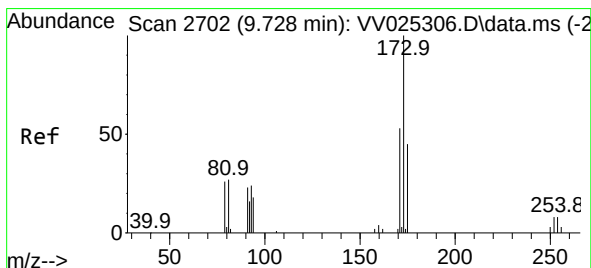
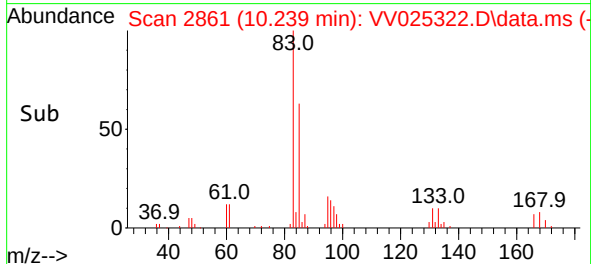
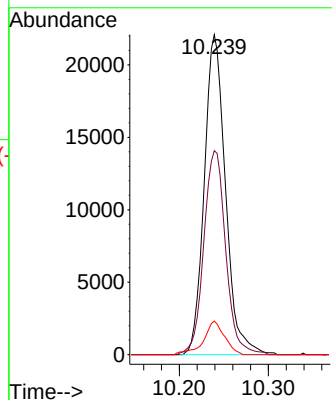
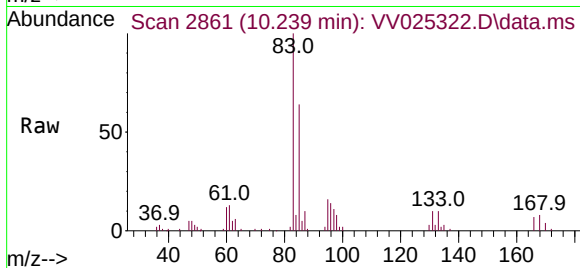
Tgt Ion: 83 Resp: 36539

Ion Ratio Lower Upper

83 100

85 63.8 46.2 85.8

131 10.5 8.1 12.1



#59

Bromoform

Concen: 5.758 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV025322.D

Acq: 30 Mar 2022 17:38

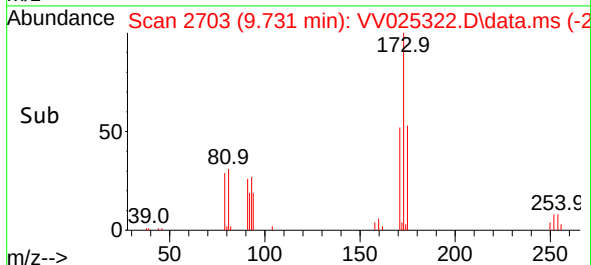
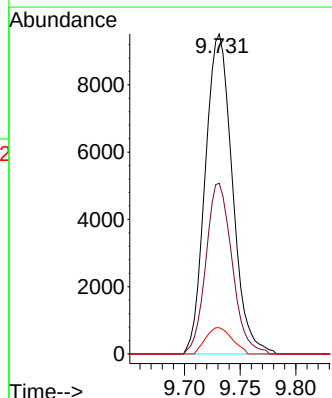
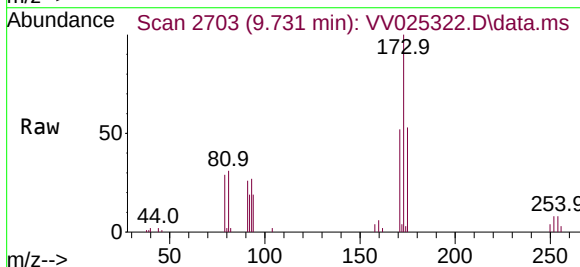
Tgt Ion: 173 Resp: 16080

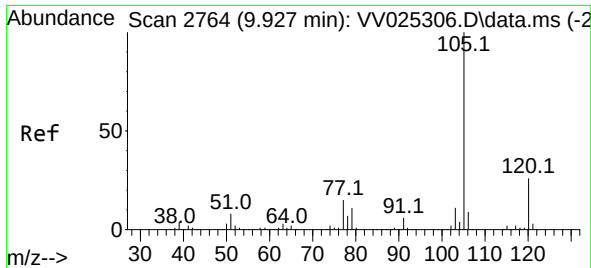
Ion Ratio Lower Upper

173 100

175 51.6 39.4 59.0

254 8.0 5.6 8.4

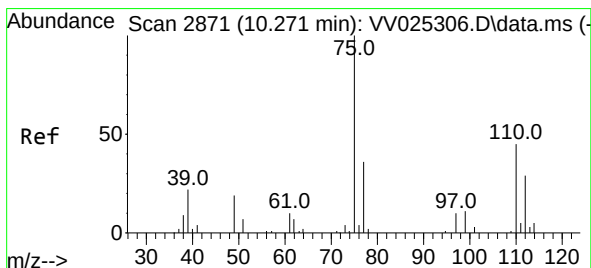
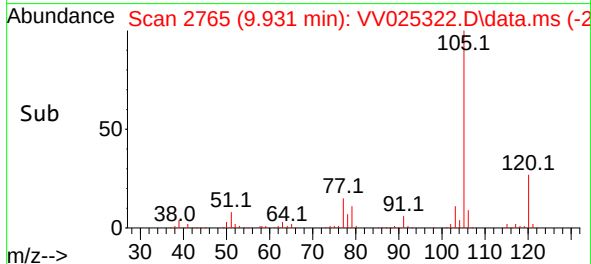
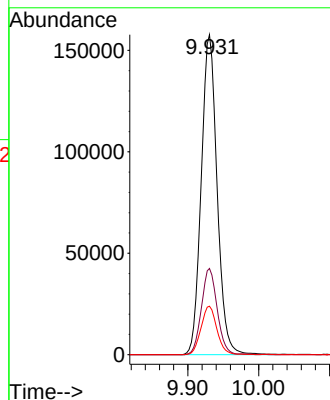
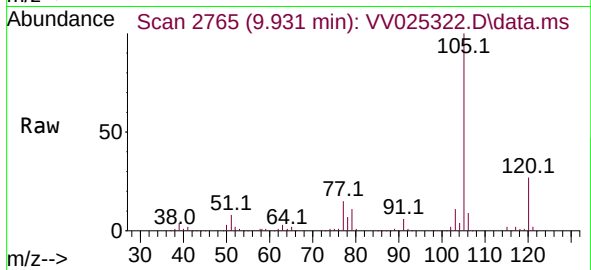




#60
Isopropylbenzene
Concen: 5.413 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025322.D
Acq: 30 Mar 2022 17:38

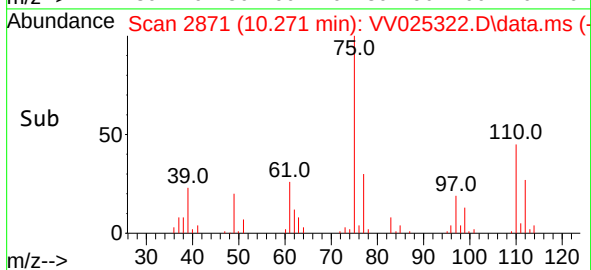
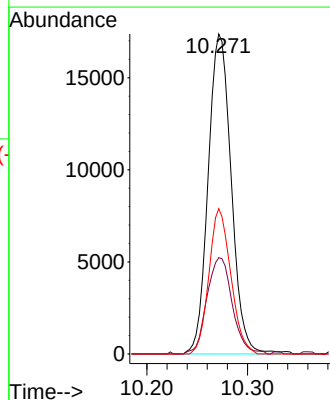
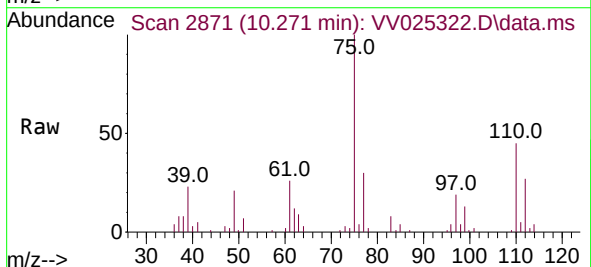
Instrument :
MSVOA_V
ClientSampleId :

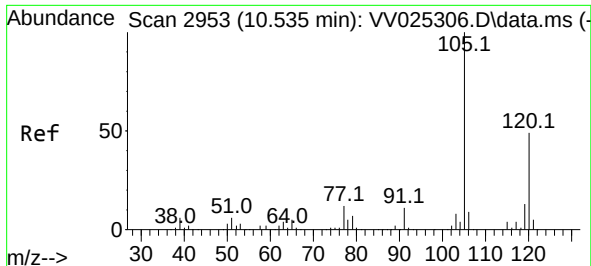
Tgt Ion:105 Resp: 245254
Ion Ratio Lower Upper
105 100
120 26.8 21.1 31.7
77 15.2 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.360 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025322.D
Acq: 30 Mar 2022 17:38

Tgt Ion: 75 Resp: 27707
Ion Ratio Lower Upper
75 100
77 33.0 25.8 38.6
110 43.0 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 5.030 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV025322.D

Acq: 30 Mar 2022 17:38

Instrument :

MSVOA_V

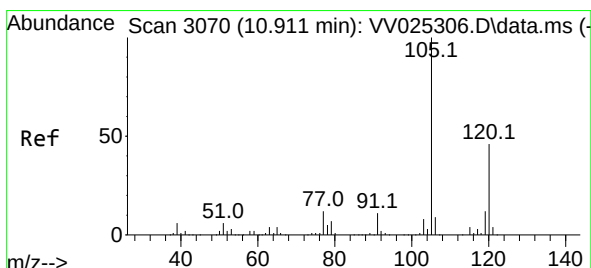
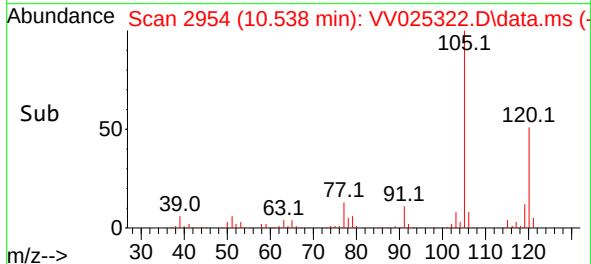
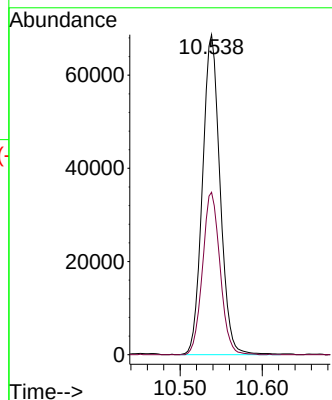
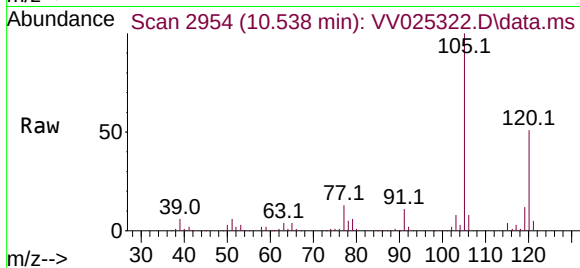
ClientSampleId :

Tgt Ion:105 Resp: 102192

Ion Ratio Lower Upper

105 100

120 50.5 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.279 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV025322.D

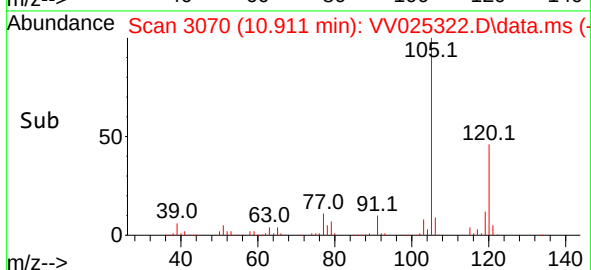
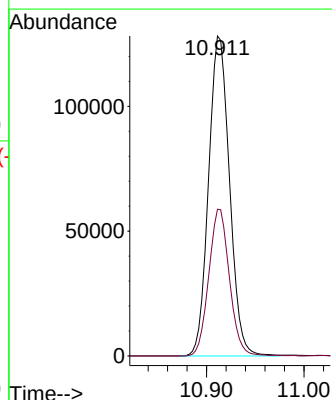
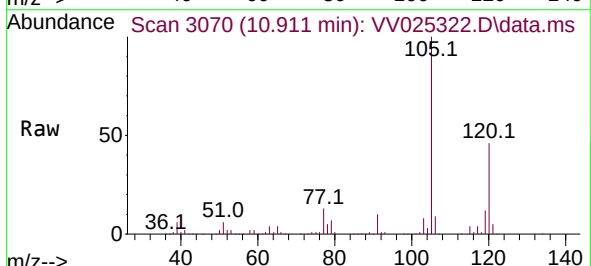
Acq: 30 Mar 2022 17:38

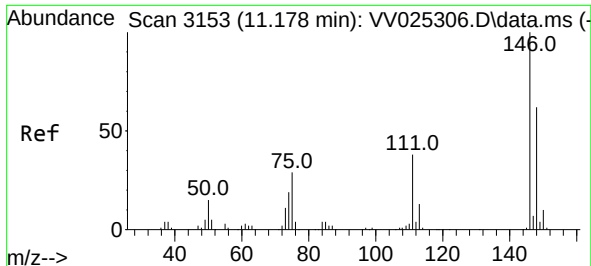
Tgt Ion:105 Resp: 191361

Ion Ratio Lower Upper

105 100

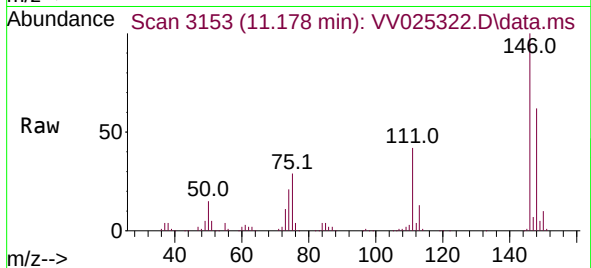
120 45.2 36.5 54.7



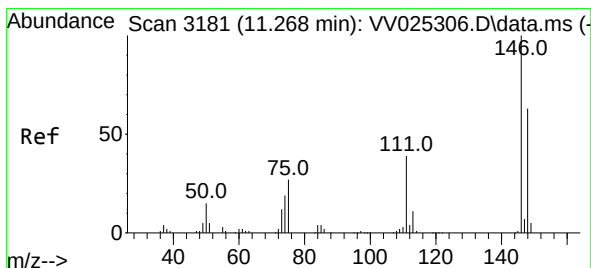
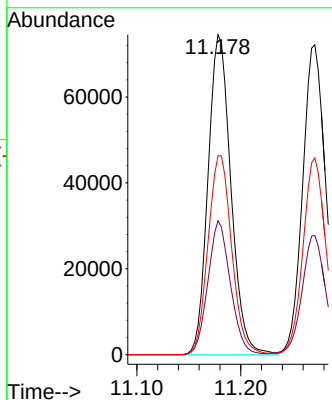
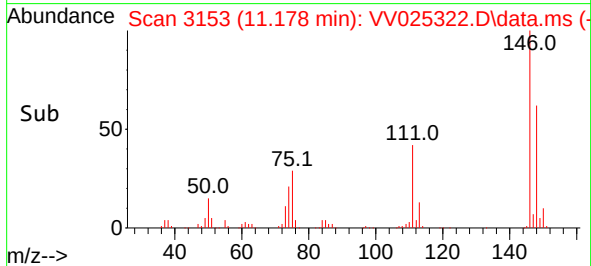


#64
1,3-Dichlorobenzene
Concen: 5.375 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025322.D
Acq: 30 Mar 2022 17:38

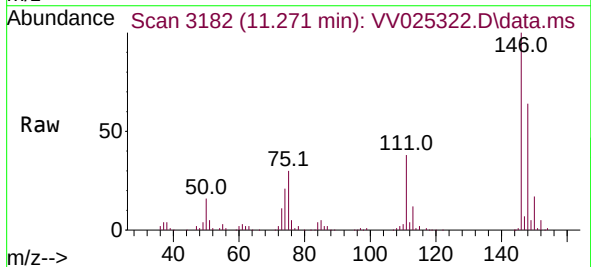
Instrument :
MSVOA_V
ClientSampleId :



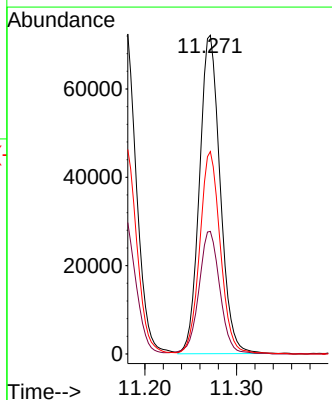
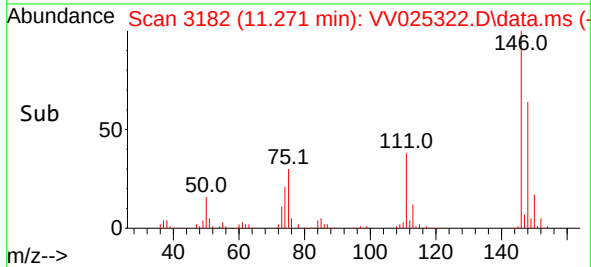
Tgt Ion:146 Resp: 114054
Ion Ratio Lower Upper
146 100
111 41.9 29.0 53.8
148 62.2 44.0 81.8

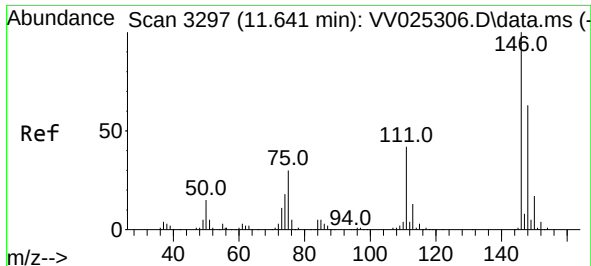


#65
1,4-Dichlorobenzene
Concen: 5.318 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025322.D
Acq: 30 Mar 2022 17:38



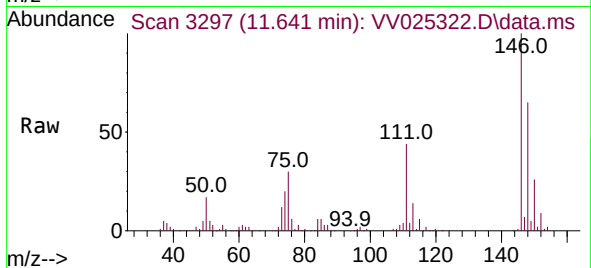
Tgt Ion:146 Resp: 112998
Ion Ratio Lower Upper
146 100
111 38.5 27.9 51.9
148 63.5 45.6 84.8



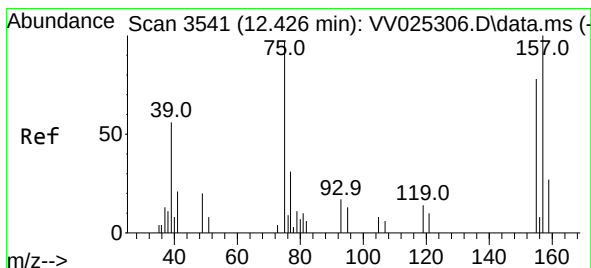
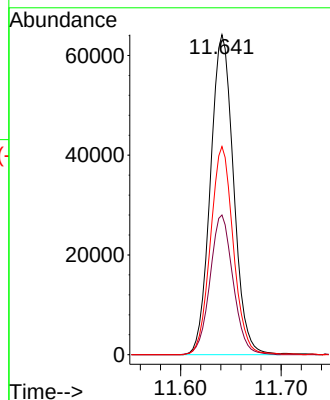
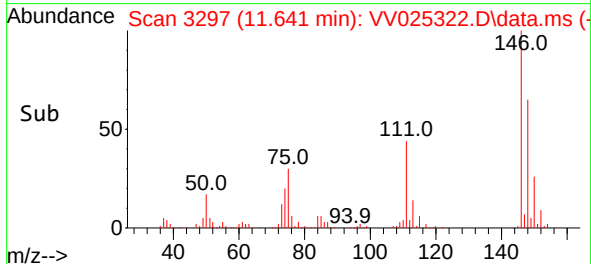


#67
 1,2-Dichlorobenzene
 Concen: 5.498 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV025322.D
 Acq: 30 Mar 2022 17:38

Instrument :
 MSVOA_V
 ClientSampleId :

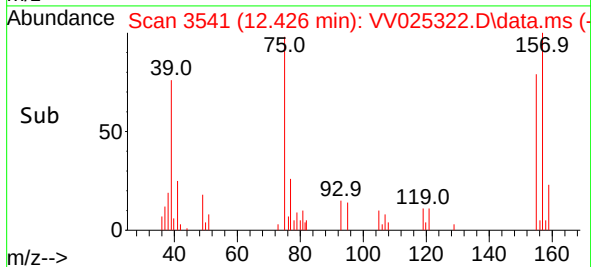
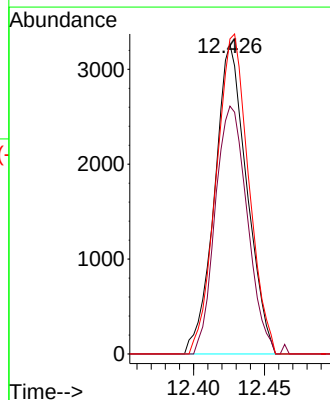
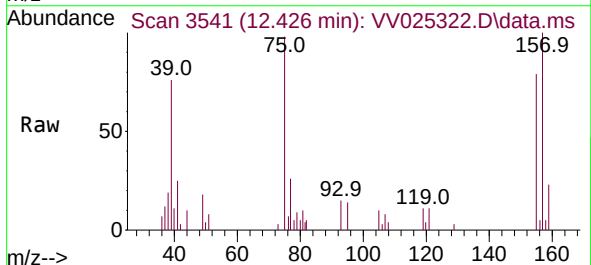


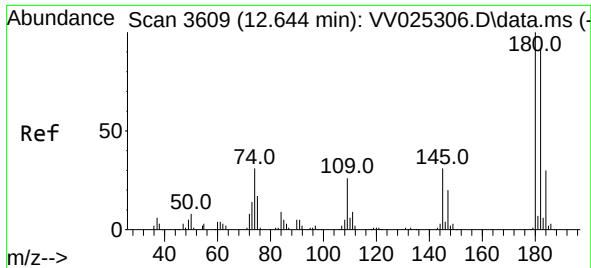
Tgt Ion:146 Resp: 102676
 Ion Ratio Lower Upper
 146 100
 111 43.7 33.0 49.6
 148 65.0 49.3 73.9



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.587 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. -0.000 min
 Lab File: VV025322.D
 Acq: 30 Mar 2022 17:38

Tgt Ion: 75 Resp: 5171
 Ion Ratio Lower Upper
 75 100
 155 80.0 80.0 120.0
 157 101.7 94.5 141.7





#69

1,3,5-Trichlorobenzene

Concen: 5.124 ug/L

RT: 12.641 min Scan# 3609

Delta R.T. -0.003 min

Lab File: VV025322.D

Acq: 30 Mar 2022 17:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 78439

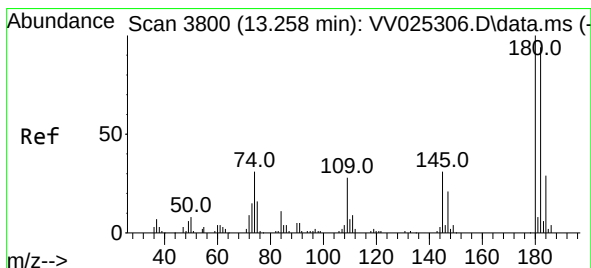
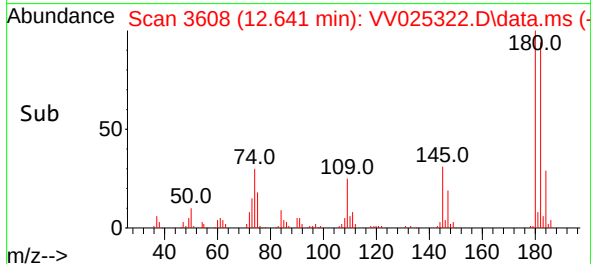
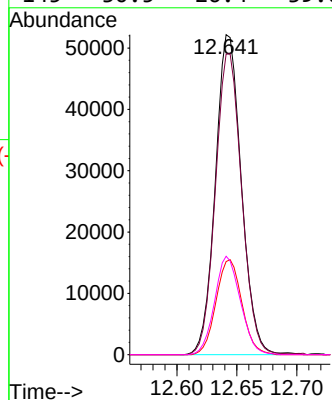
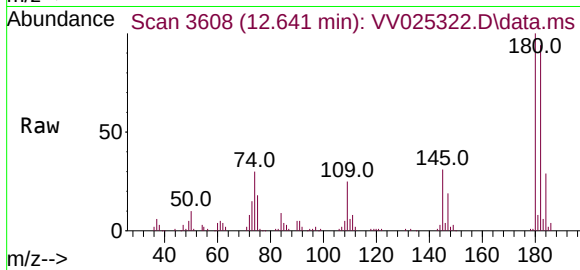
Ion Ratio Lower Upper

180 100

182 95.0 77.1 115.7

184 29.5 23.6 35.4

145 30.5 26.4 39.6



#70

1,2,4-trichlorobenzene

Concen: 5.228 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV025322.D

Acq: 30 Mar 2022 17:38

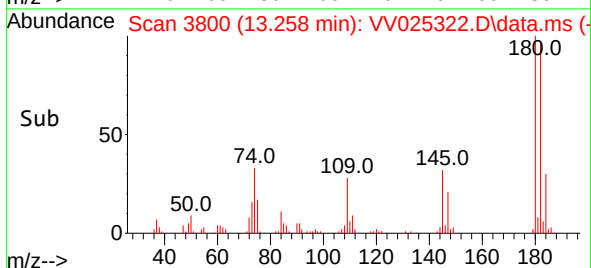
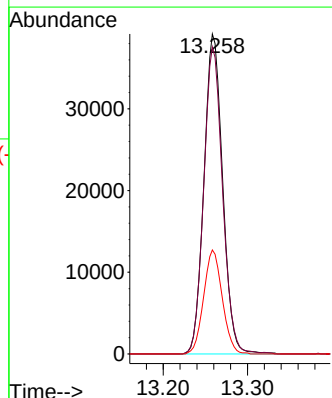
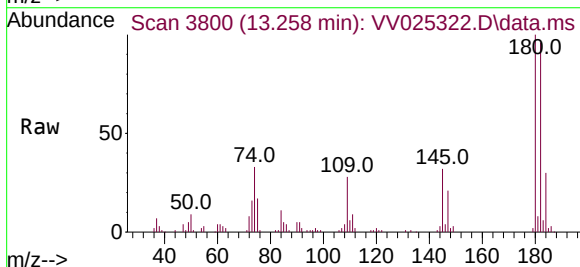
Tgt Ion:180 Resp: 60381

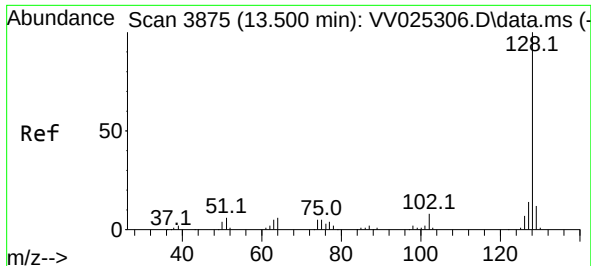
Ion Ratio Lower Upper

180 100

182 96.7 77.5 116.3

145 32.4 26.2 39.4

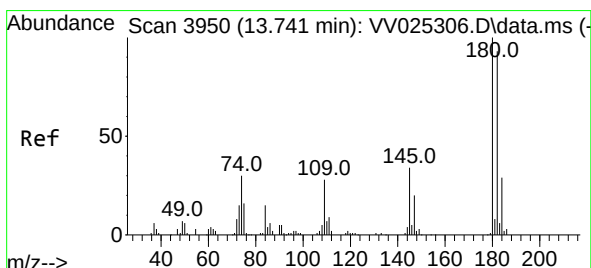
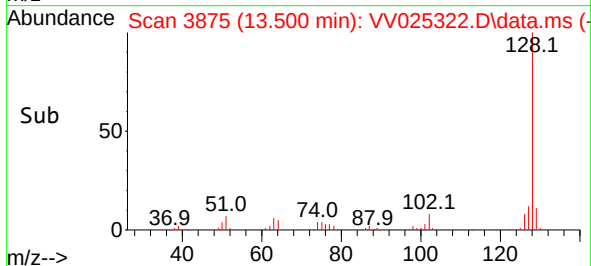
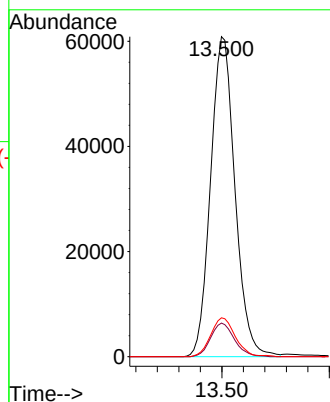
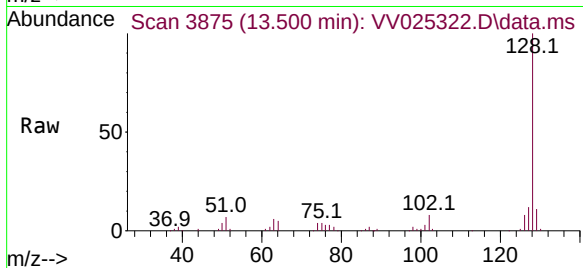




#71
Naphthalene
Concen: 5.333 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025322.D
Acq: 30 Mar 2022 17:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128	Resp:	95998
Ion Ratio	Lower	Upper
128	100	
129	10.2	8.8 13.2
127	12.3	10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.478 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025322.D
Acq: 30 Mar 2022 17:38

Tgt Ion:180	Resp:	54514
Ion Ratio	Lower	Upper
180	100	
182	92.6	75.8 113.6
145	34.3	28.6 42.8

