

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032822\
 Data File : VW025274.D
 Acq On : 28 Mar 2022 20:15
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 29 03:32:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 29 03:26:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	160419	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	154076	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78152	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56006	3.738	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.800%	
7) Chloroethane-d5	1.571	69	56586	4.499	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.000%	
11) 1,1-Dichloroethene-d2	2.111	63	129851	4.001	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.000%	
20) 2-Butanone-d5	3.896	46	75021	50.261	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.520%	
24) Chloroform-d	4.352	84	95212	4.869	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.400%	
26) 1,2-Dichloroethane-d4	5.037	65	41113	4.756	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
32) Benzene-d6	5.050	84	183150	4.699	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
36) 1,2-Dichloropropane-d6	6.072	67	51027	4.671	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.400%	
41) Toluene-d8	7.313	98	172096	4.813	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
43) trans-1,3-Dichloroprop...	7.622	79	15983	4.485	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.600%	
46) 2-Hexanone-d5	8.088	63	62177	48.307	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.620%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34664	4.759	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	57713	4.598	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	78386	4.892	ug/L	99
3) Chloromethane	1.243	50	83288	4.407	ug/L	100
5) Vinyl chloride	1.314	62	93816	4.445	ug/L	97
6) Bromomethane	1.526	94	58119	4.638	ug/L	93
8) Chloroethane	1.587	64	67679	5.109	ug/L	96
9) Trichlorofluoromethane	1.754	101	136963	4.800	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	75149	4.434	ug/L	99
12) 1,1-Dichloroethene	2.121	96	74059	4.585	ug/L	97
13) Acetone	2.182	43	56691	49.774	ug/L	78
14) Carbon disulfide	2.298	76	169963	5.080	ug/L	98
15) Methyl Acetate	2.442	43	14870	5.735	ug/L	97
16) Methylene chloride	2.510	84	57709	4.551	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	99240	4.857	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	58836	5.075	ug/L	98
19) 1,1-Dichloroethane	3.191	63	99085	5.120	ug/L	99
21) 2-Butanone	3.973	43	81088	51.739	ug/L	85
22) cis-1,2-Dichloroethene	3.915	96	61454	5.218	ug/L	94
23) Bromochloromethane	4.252	128	26071	5.307	ug/L	97
25) Chloroform	4.378	83	108419	5.049	ug/L	98

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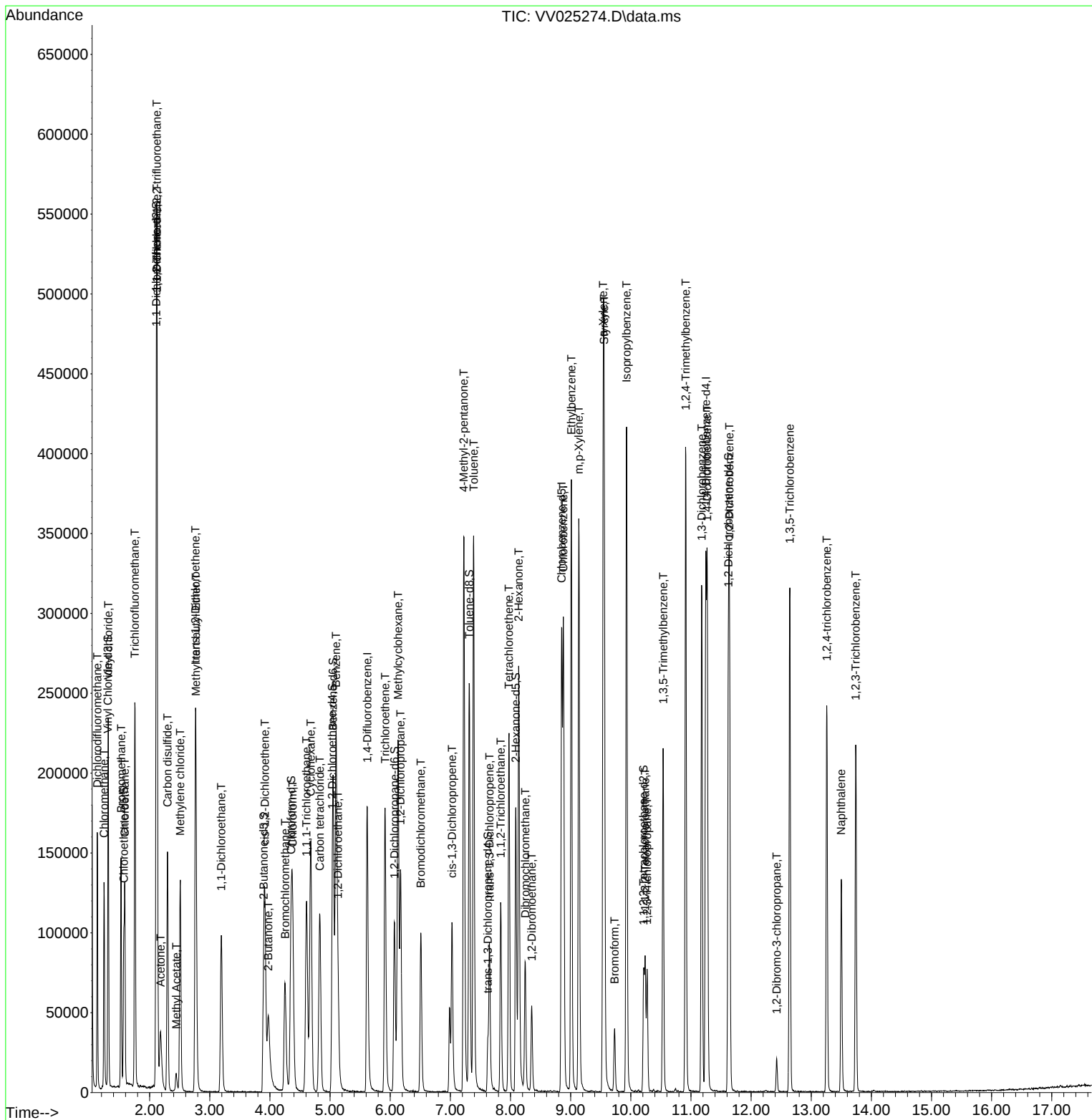
Instrument :
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 ClientSampleId :

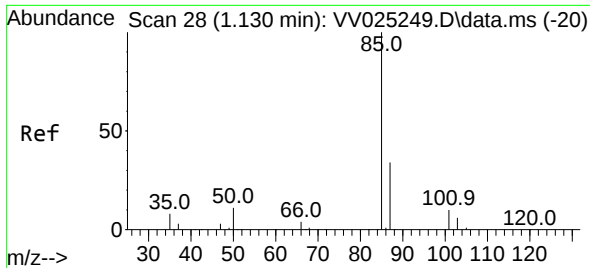
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	55732	5.026	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	95666	5.135	ug/L	99
30) Cyclohexane	4.680	56	80751	4.847	ug/L	99
31) Carbon tetrachloride	4.831	117	82952	5.144	ug/L	98
33) Benzene	5.098	78	233926	5.176	ug/L	100
34) Trichloroethene	5.915	95	62585	5.043	ug/L	95
35) Methylcyclohexane	6.133	83	93397	4.803	ug/L	98
37) 1,2-Dichloropropane	6.172	63	53505	5.104	ug/L	100
38) Bromodichloromethane	6.510	83	67889	5.112	ug/L	93
39) cis-1,3-Dichloropropene	7.027	75	65043	4.785	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	210004	50.171	ug/L	98
42) Toluene	7.387	91	258914	5.366	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	53432	5.000	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	37039	5.160	ug/L	99
47) Tetrachloroethene	7.976	164	48063	5.252	ug/L	97
48) 2-Hexanone	8.137	43	151939	50.753	ug/L	99
49) Dibromochloromethane	8.246	129	41354	5.354	ug/L	96
50) 1,2-Dibromoethane	8.352	107	33564	5.019	ug/L #	92
51) Chlorobenzene	8.879	112	160953	5.166	ug/L	98
52) Ethylbenzene	9.011	91	264077	5.160	ug/L	99
53) m,p-Xylene	9.136	106	106265	5.339	ug/L	98
54) o-Xylene	9.542	106	101820	5.352	ug/L	98
55) Styrene	9.558	104	170111	5.438	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	37676	5.035	ug/L	99
59) Bromoform	9.731	173	16942	5.304	ug/L #	98
60) Isopropylbenzene	9.931	105	269080	5.191	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	29385	4.969	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	113744	4.894	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	213499	5.149	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	124431	5.126	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	122932	5.057	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	111467	5.218	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	4793	4.527	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	89627	5.118	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	68603	5.192	ug/L	97
71) Naphthalene	13.500	128	104983	5.099	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	60331	5.300	ug/L	98

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

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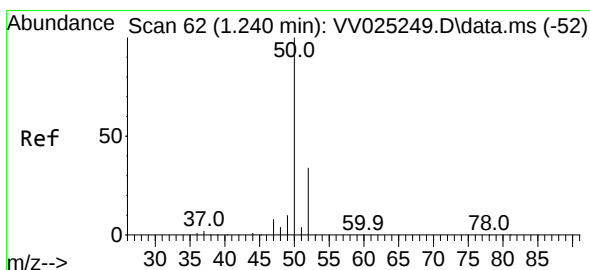
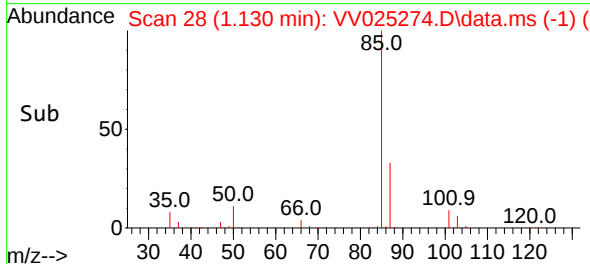
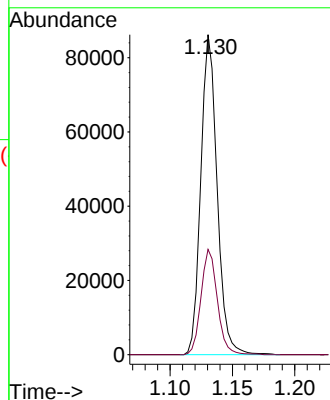
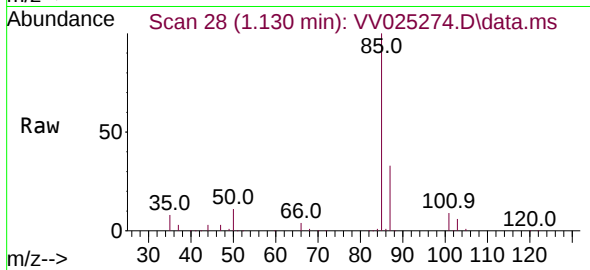




#2
 Dichlorodifluoromethane
 Concen: 4.892 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025274.D
 Acq: 28 Mar 2022 20:15

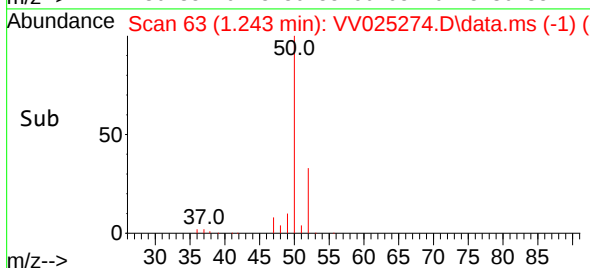
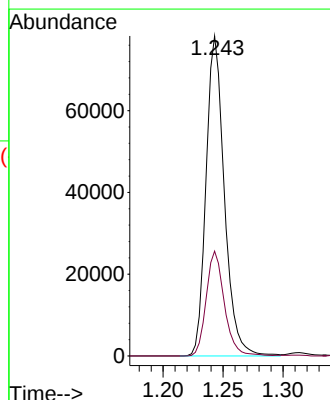
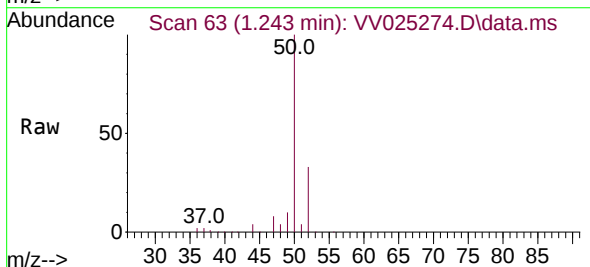
Instrument :
 MSVOA_V
 ClientSampleId :

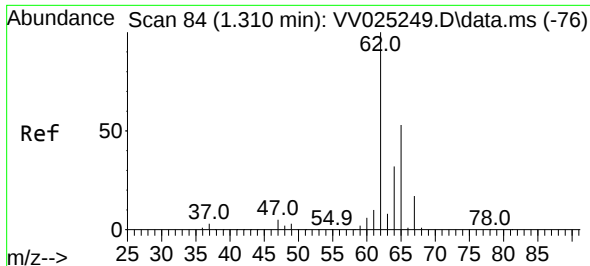
Tgt Ion: 85 Resp: 78386
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.8 38.6



#3
 Chloromethane
 Concen: 4.407 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV025274.D
 Acq: 28 Mar 2022 20:15

Tgt Ion: 50 Resp: 83288
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.9 42.5

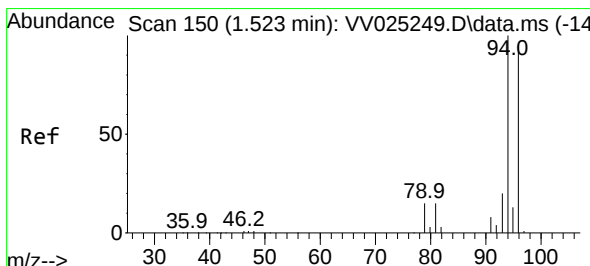
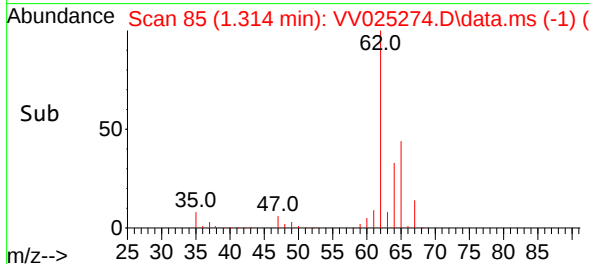
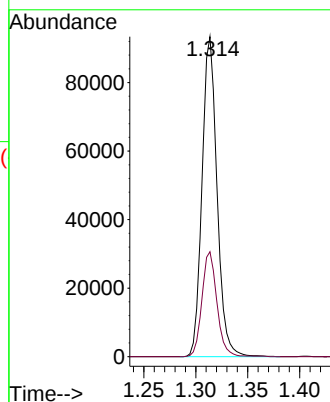
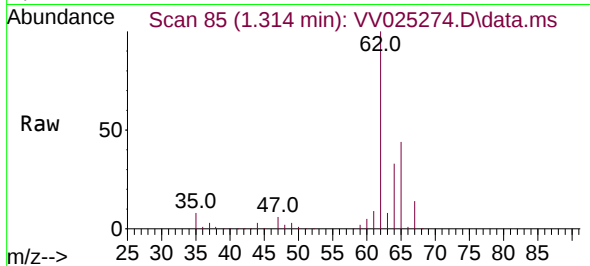




#5
 Vinyl chloride
 Concen: 4.445 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025274.D
 Acq: 28 Mar 2022 20:15

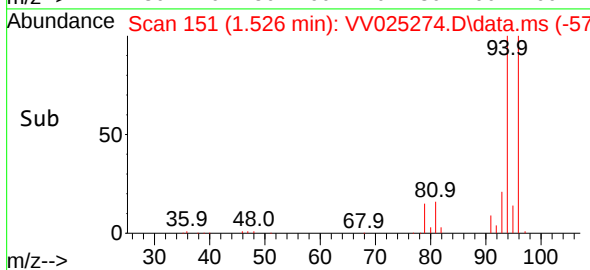
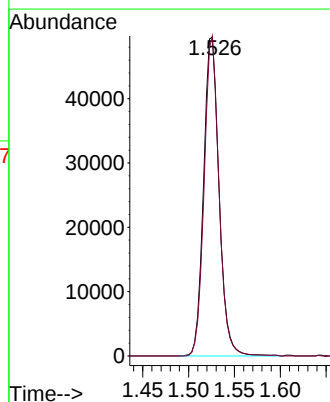
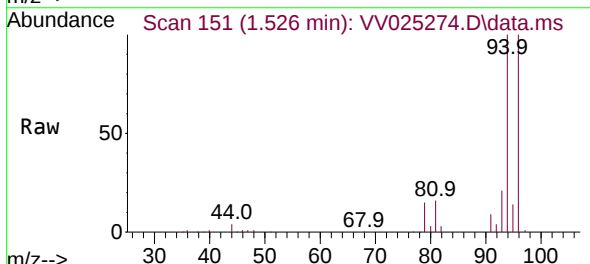
Instrument :
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 ClientSampleId :

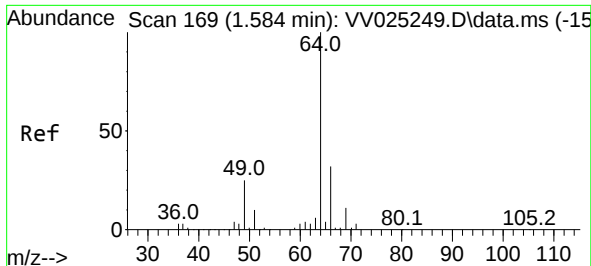
Tgt Ion: 62 Resp: 93816
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.0 40.8



#6
 Bromomethane
 Concen: 4.638 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV025274.D
 Acq: 28 Mar 2022 20:15

Tgt Ion: 94 Resp: 58119
 Ion Ratio Lower Upper
 94 100
 96 100.4 65.5 121.7

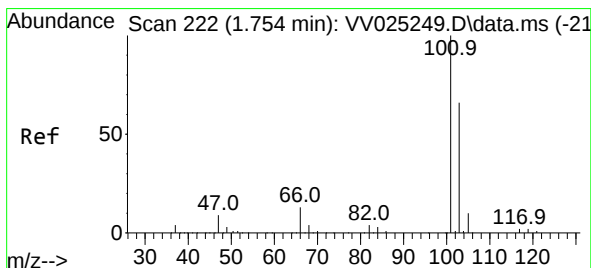
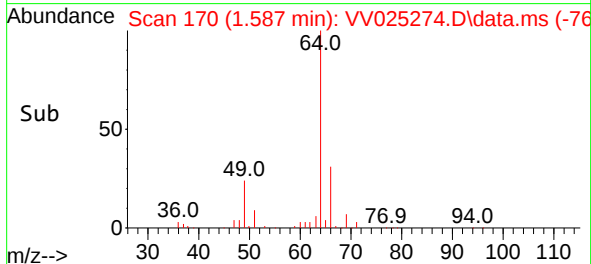
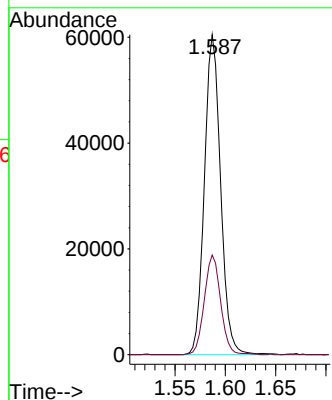
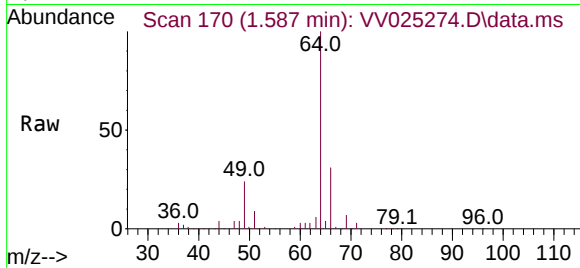




#8
Chloroethane
Concen: 5.109 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

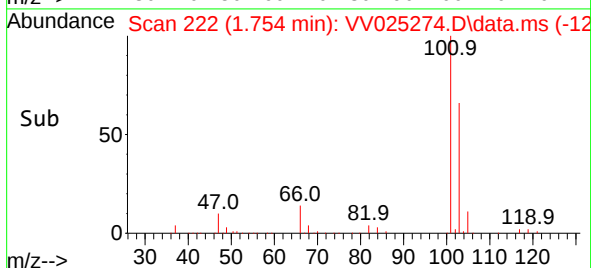
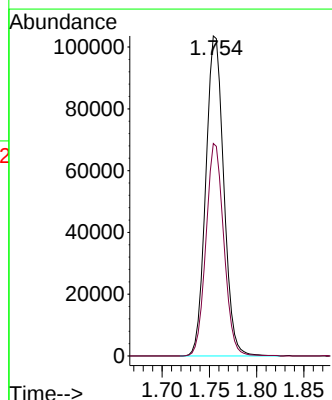
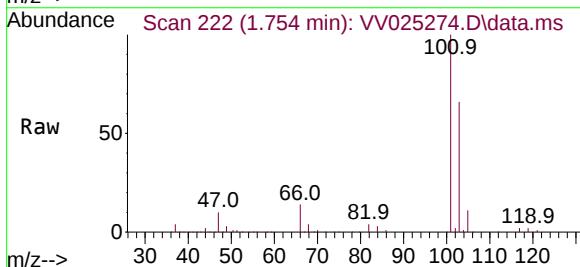
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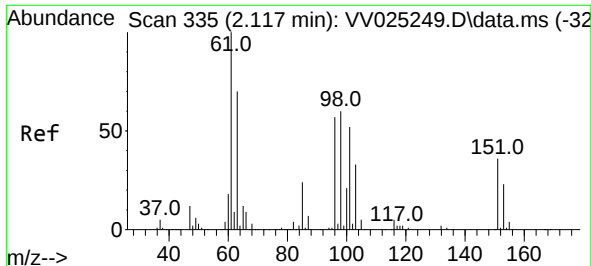
Tgt Ion: 64 Resp: 67679
Ion Ratio Lower Upper
64 100
66 31.2 23.5 43.7



#9
Trichlorofluoromethane
Concen: 4.800 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

Tgt Ion:101 Resp: 136963
Ion Ratio Lower Upper
101 100
103 66.0 52.2 78.2





#10

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

Concen: 4.434 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV025274.D

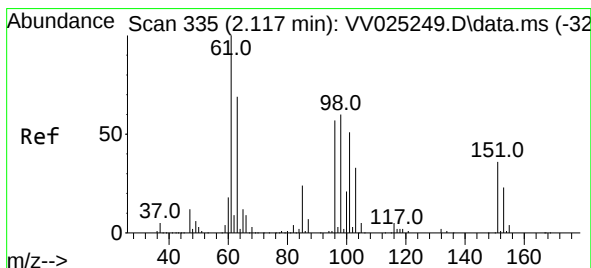
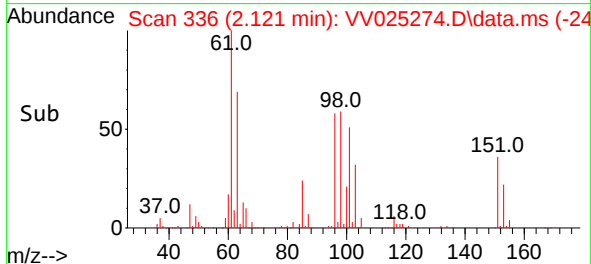
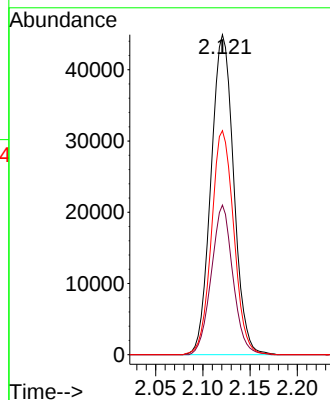
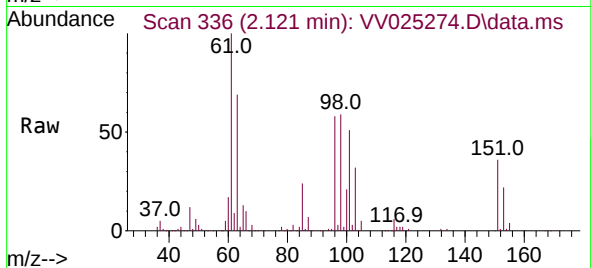
Acq: 28 Mar 2022 20:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	101	Resp:	75149
Ion	Ratio	Lower	Upper
101	100		
85	44.4	36.0	54.0
151	69.0	54.6	81.8



#12

1,1-Dichloroethene

Concen: 4.585 ug/L

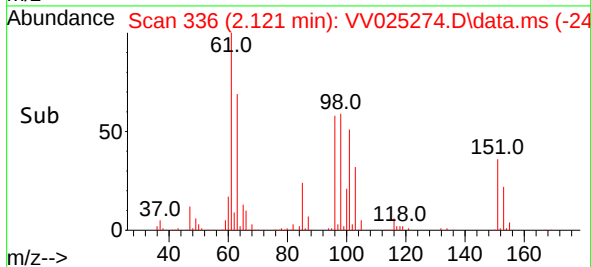
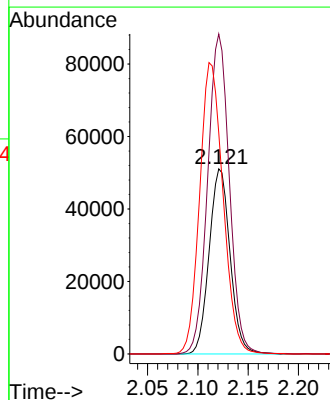
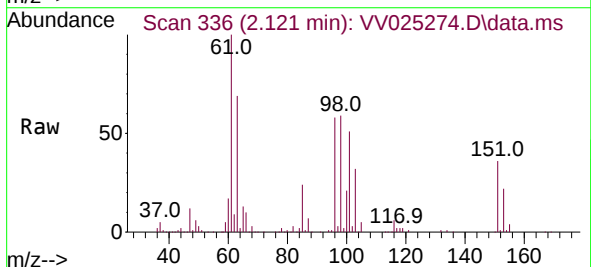
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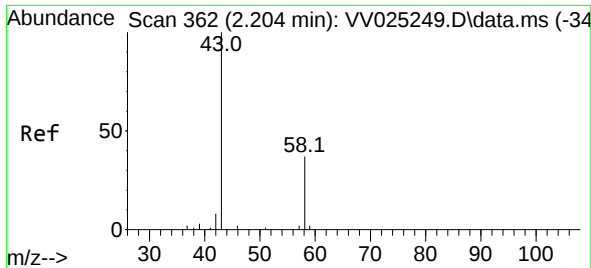
Delta R.T. 0.003 min

Lab File: VV025274.D

Acq: 28 Mar 2022 20:15

Tgt Ion:	96	Resp:	74059
Ion	Ratio	Lower	Upper
96	100		
61	172.9	121.5	225.7
63	119.5	77.9	144.7





#13

Acetone

Concen: 49.774 ug/L

RT: 2.182 min Scan# 31

Delta R.T. -0.022 min

Lab File: VV025274.D

Acq: 28 Mar 2022 20:15

Instrument :

MSVOA_V

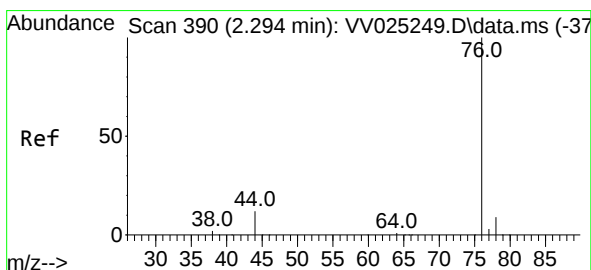
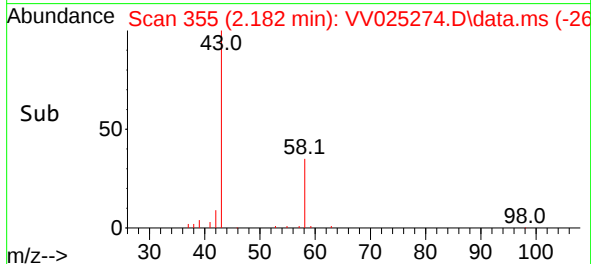
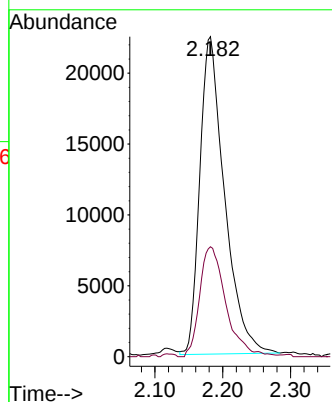
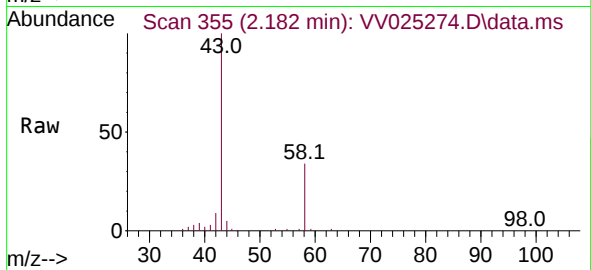
ClientSampleId :

Tgt Ion: 43 Resp: 56691

Ion Ratio Lower Upper

43 100

58 36.8 0.0 51.2



#14

Carbon disulfide

Concen: 5.080 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV025274.D

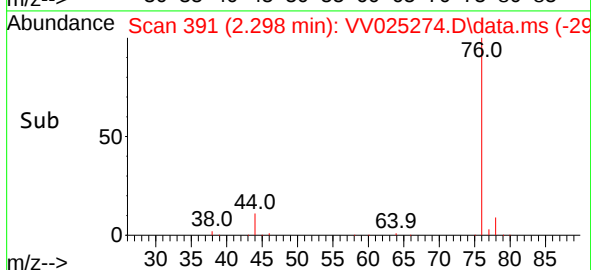
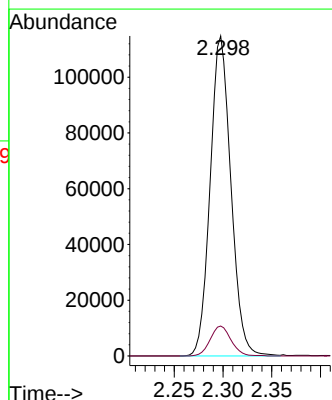
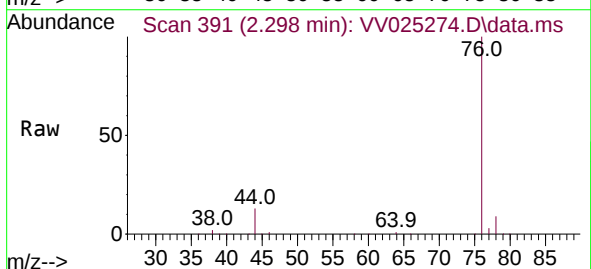
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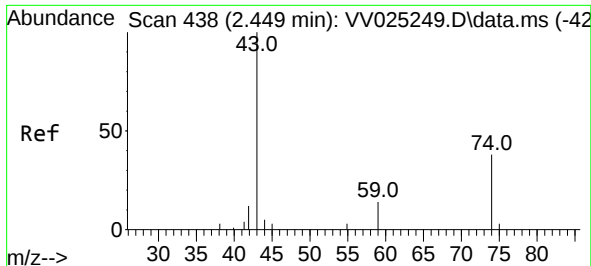
Tgt Ion: 76 Resp: 169963

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.4

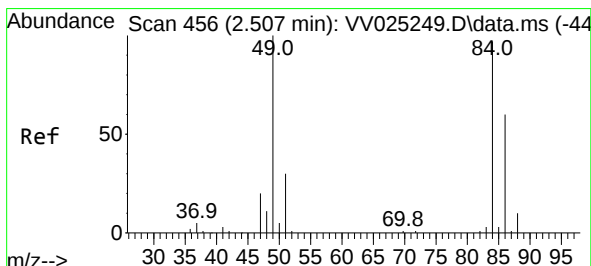
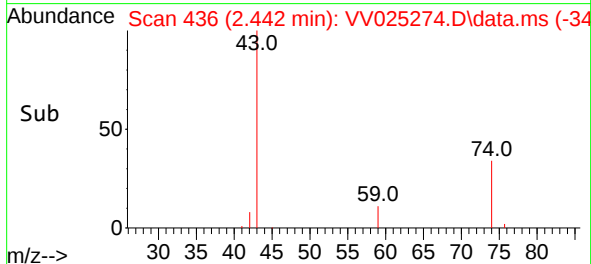
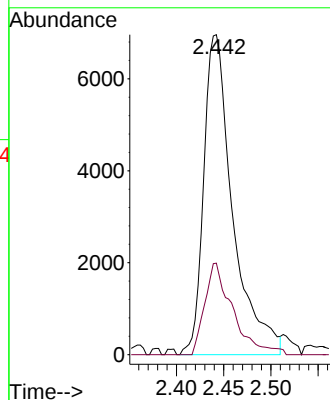
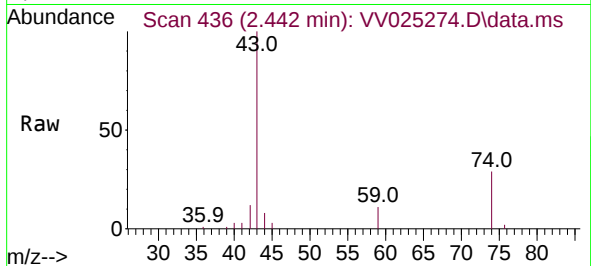




#15
Methyl Acetate
Concen: 5.735 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

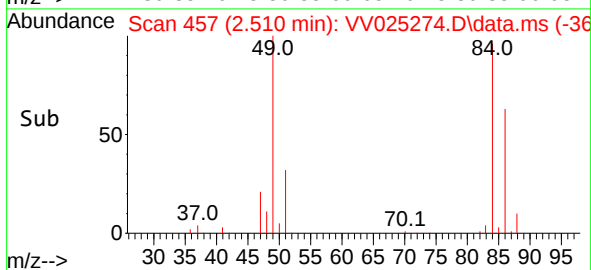
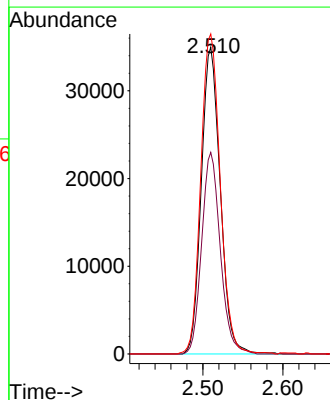
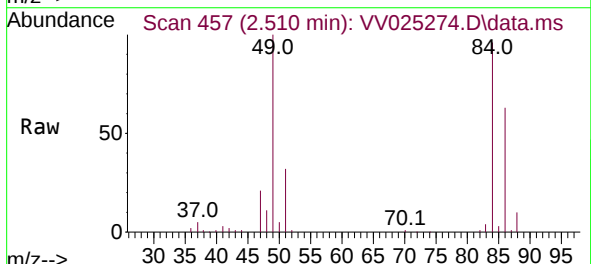
Instrument :
MSVOA_V
ClientSampleId :

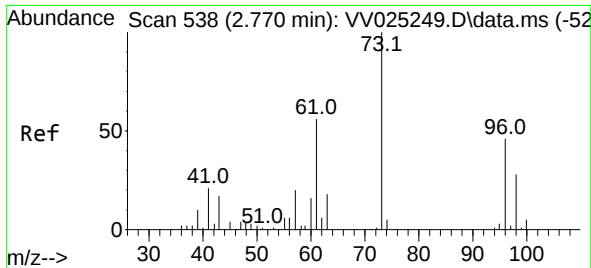
Tgt Ion: 43 Resp: 14870
Ion Ratio Lower Upper
43 100
74 27.7 20.9 31.3



#16
Methylene chloride
Concen: 4.551 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

Tgt Ion: 84 Resp: 57709
Ion Ratio Lower Upper
84 100
86 65.7 43.5 80.7
49 104.3 74.5 138.3

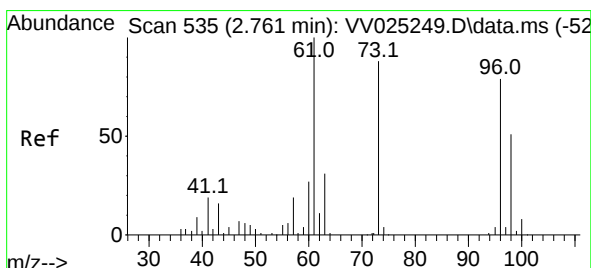
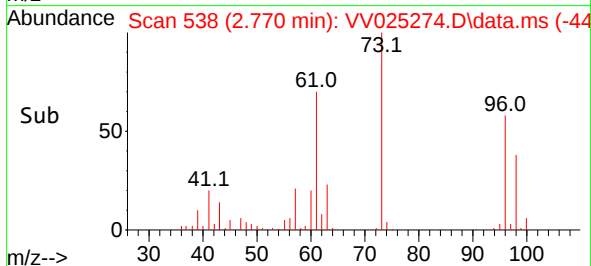
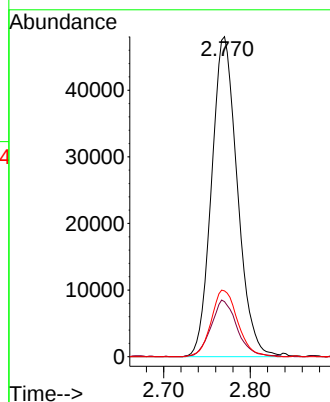
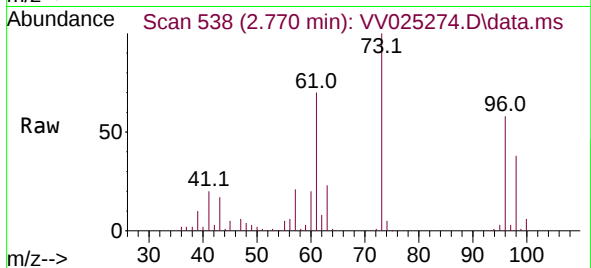




#17
Methyl tert-butyl Ether
Concen: 4.857 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

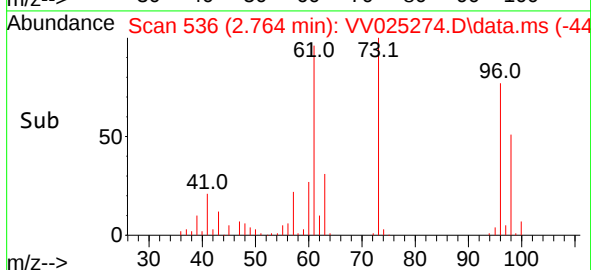
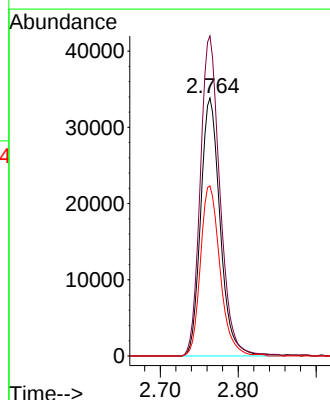
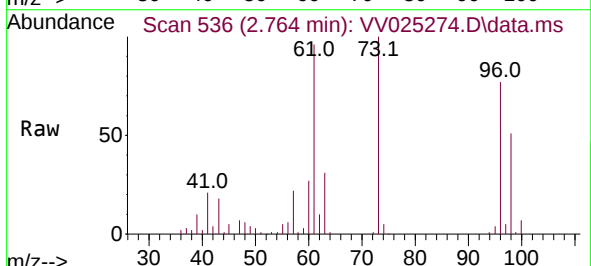
Instrument :
MSVOA_V
ClientSampleId :

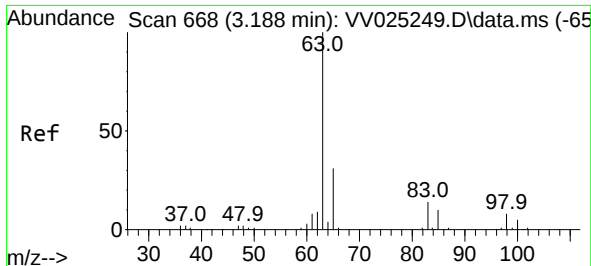
Tgt Ion: 73 Resp: 99240
Ion Ratio Lower Upper
73 100
43 17.9 13.5 20.3
57 21.4 16.4 24.6



#18
trans-1,2-Dichloroethene
Concen: 5.075 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

Tgt Ion: 96 Resp: 58836
Ion Ratio Lower Upper
96 100
61 124.0 87.6 162.8
98 65.9 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.120 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025274.D

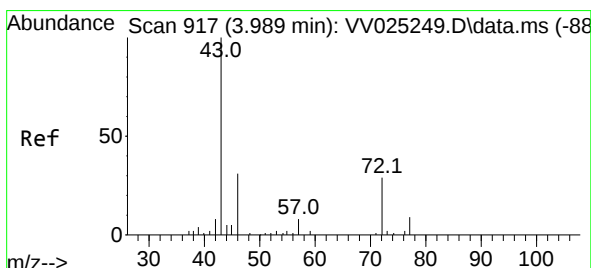
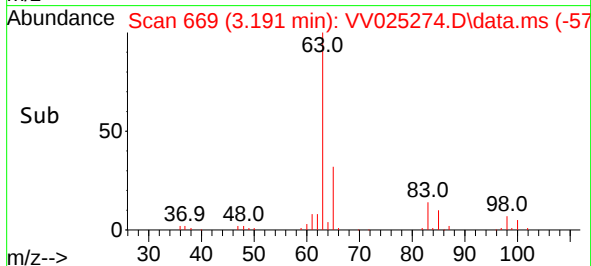
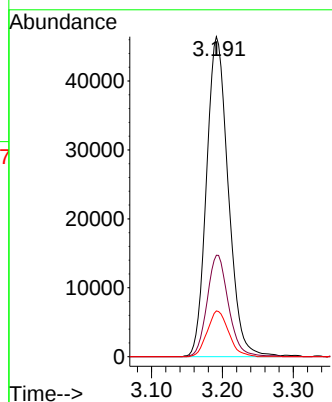
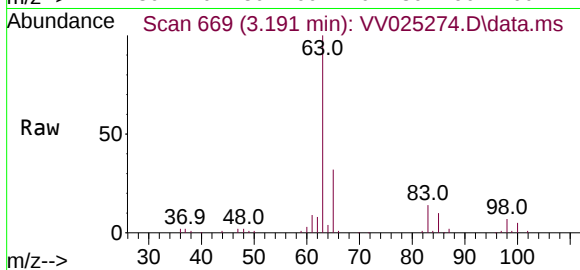
Acq: 28 Mar 2022 20:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	99085
Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.0	40.8
83	14.3	10.2	19.0



#21

2-Butanone

Concen: 51.739 ug/L

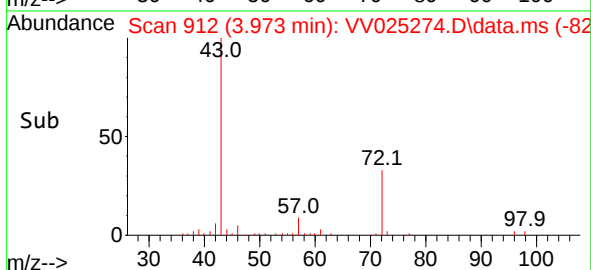
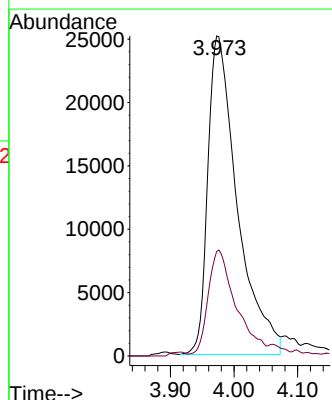
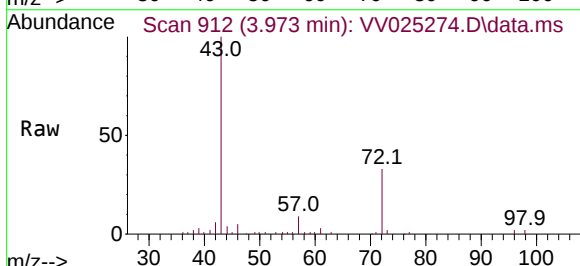
RT: 3.973 min Scan# 912

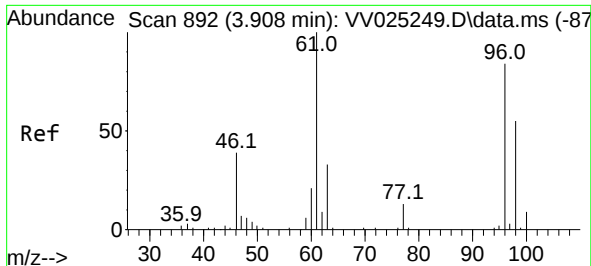
Delta R.T. -0.016 min

Lab File: VV025274.D

Acq: 28 Mar 2022 20:15

Tgt Ion:	43	Resp:	81088
Ion	Ratio	Lower	Upper
43	100		
72	30.8	11.8	35.4





#22

cis-1,2-Dichloroethene

Concen: 5.218 ug/L

RT: 3.915 min Scan# 892

Delta R.T. 0.006 min

Lab File: VV025274.D

Acq: 28 Mar 2022 20:15

Instrument :

MSVOA_V

ClientSampleId :

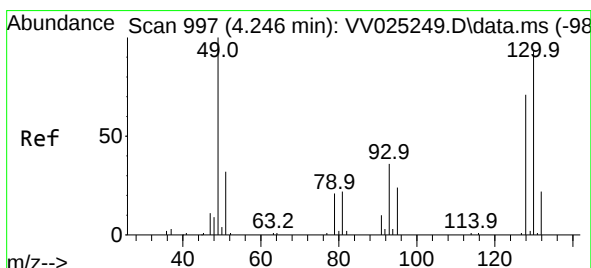
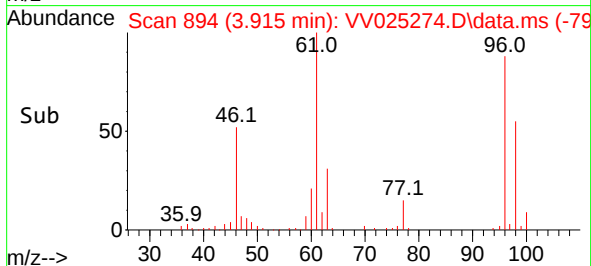
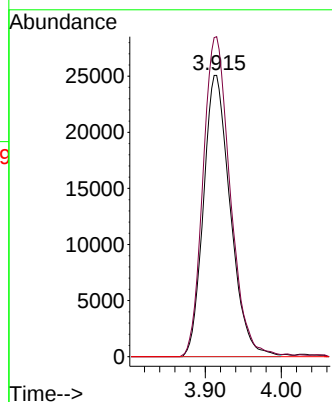
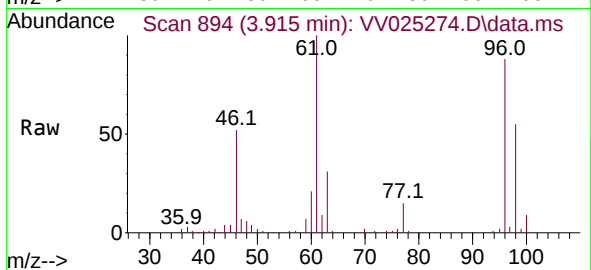
Tgt Ion: 96 Resp: 61454

Ion Ratio Lower Upper

96 100

61 113.7 84.1 156.1

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.307 ug/L

RT: 4.252 min Scan# 999

Delta R.T. 0.006 min

Lab File: VV025274.D

Acq: 28 Mar 2022 20:15

Tgt Ion:128 Resp: 26071

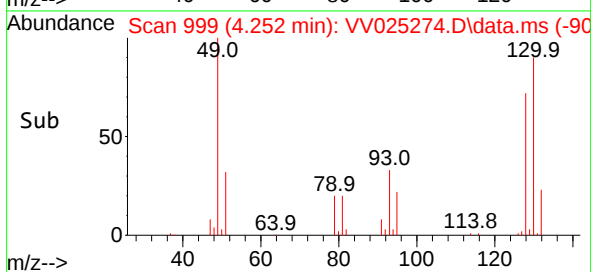
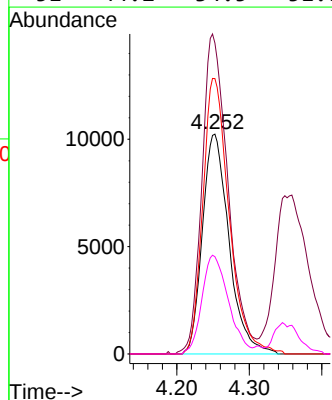
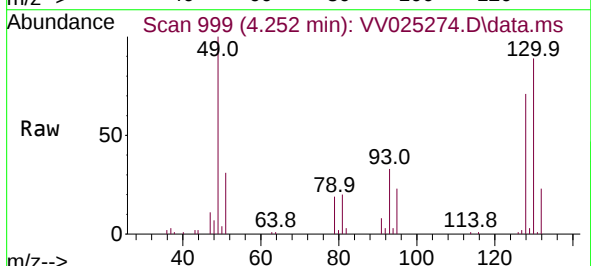
Ion Ratio Lower Upper

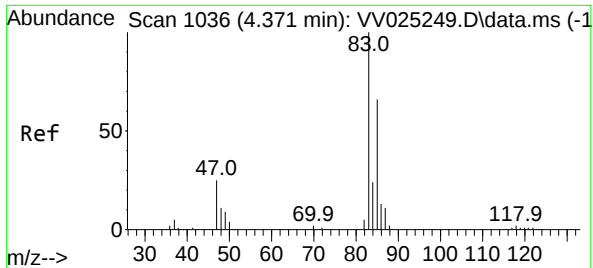
128 100

49 141.4 101.4 188.4

130 125.2 85.0 158.0

51 44.2 34.5 51.7

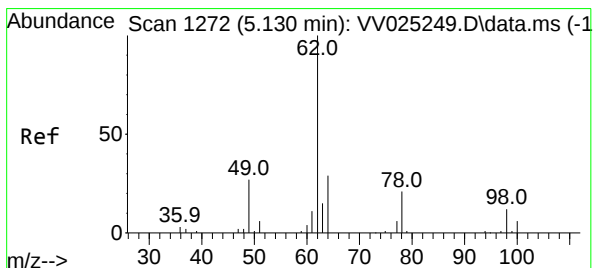
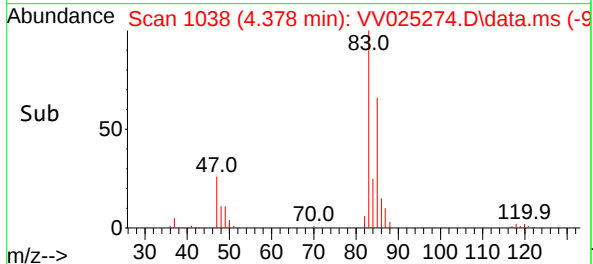
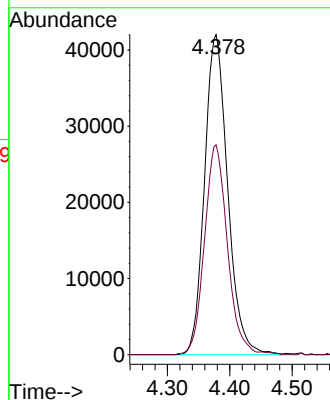
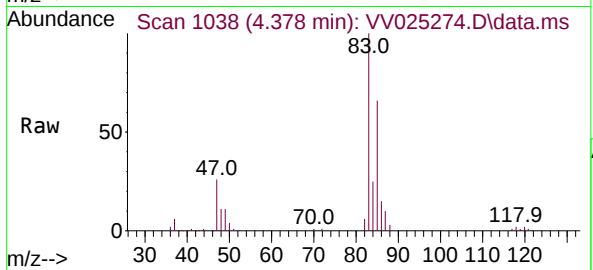




#25
Chloroform
Concen: 5.049 ug/L
RT: 4.378 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

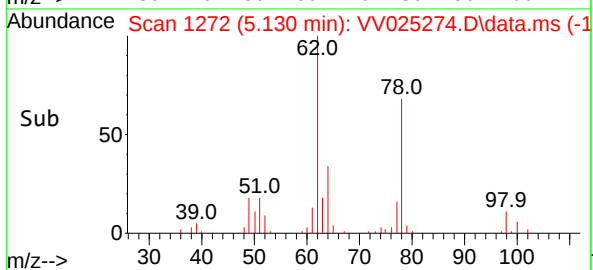
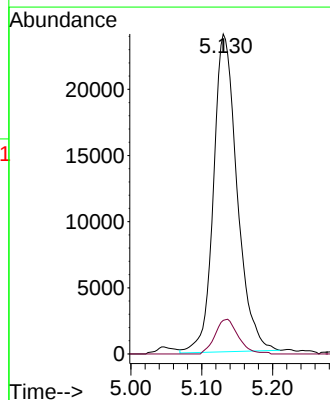
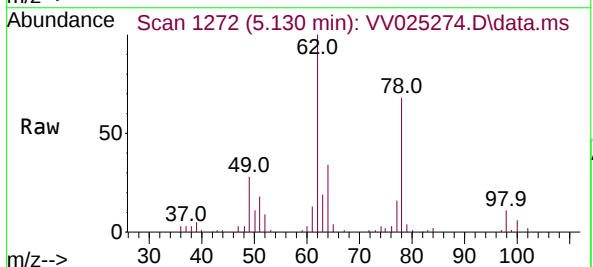
Instrument :
MSVOA_V
ClientSampleId :

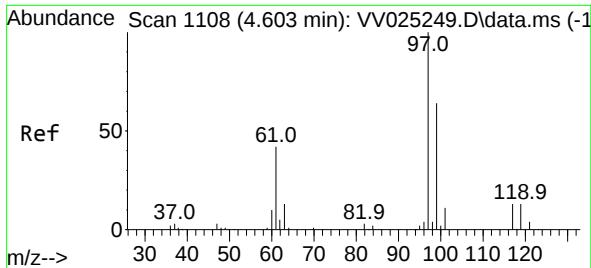
Tgt Ion: 83 Resp: 108419
Ion Ratio Lower Upper
83 100
85 65.6 44.7 82.9



#27
1,2-Dichloroethane
Concen: 5.026 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

Tgt Ion: 62 Resp: 55732
Ion Ratio Lower Upper
62 100
98 10.5 7.9 11.9

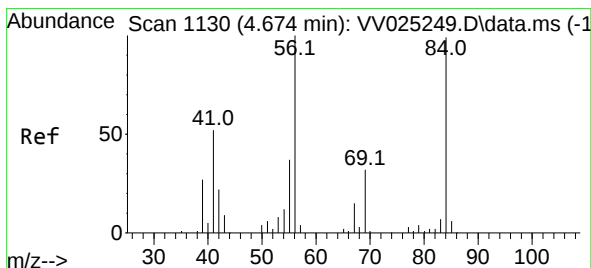
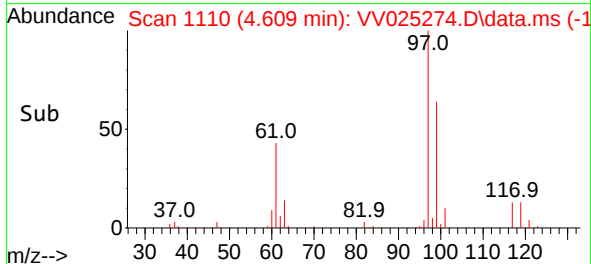
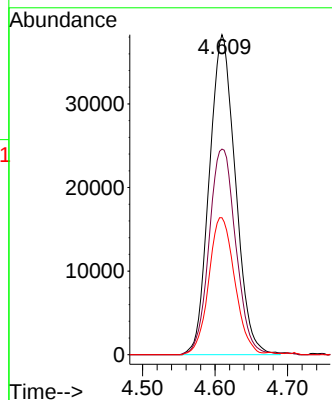
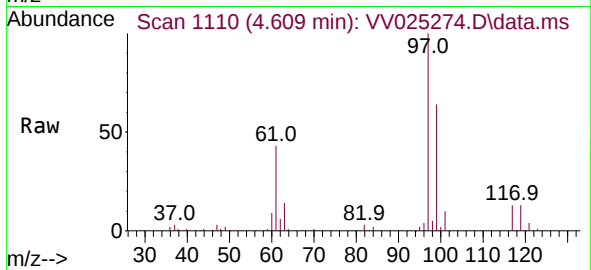




#29
1,1,1-Trichloroethane
Concen: 5.135 ug/L
RT: 4.609 min Scan# 1108
Delta R.T. 0.006 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

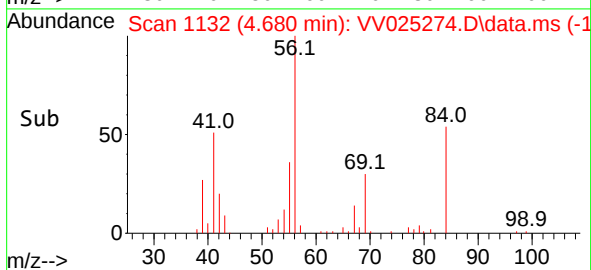
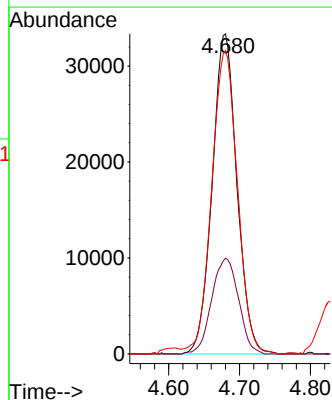
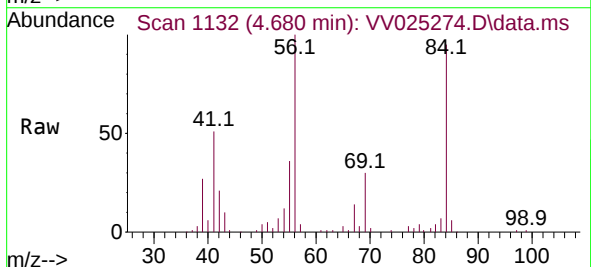
Instrument :
MSVOA_V
ClientSampleId :

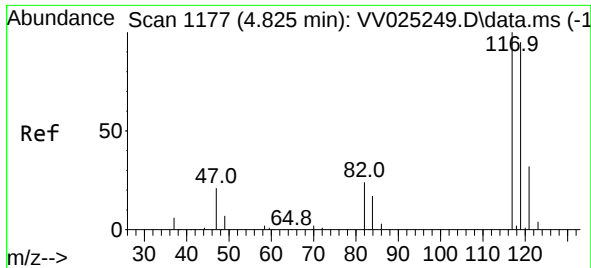
Tgt Ion: 97 Resp: 95666
Ion Ratio Lower Upper
97 100
99 65.9 51.9 77.9
61 42.8 34.2 51.2



#30
Cyclohexane
Concen: 4.847 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

Tgt Ion: 56 Resp: 80751
Ion Ratio Lower Upper
56 100
69 32.5 25.3 37.9
84 99.0 78.4 117.6

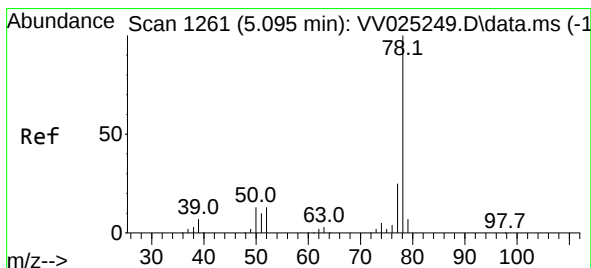
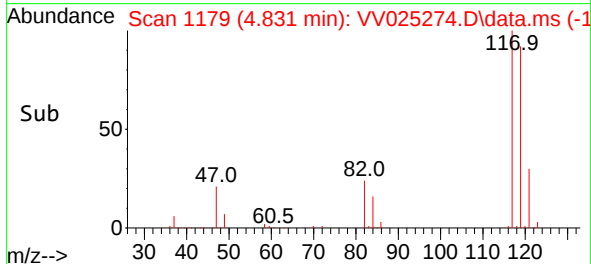
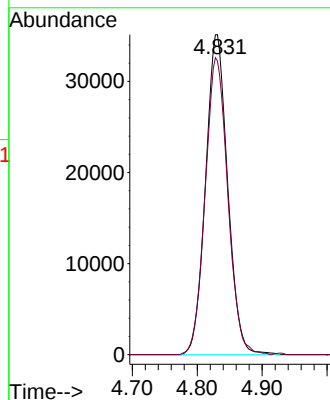
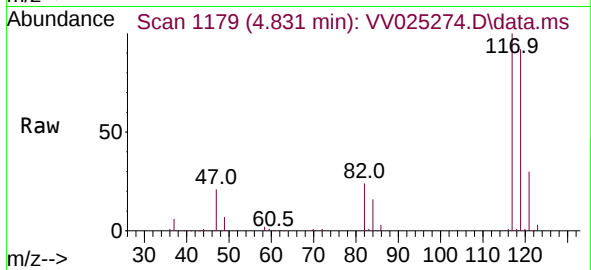




#31
Carbon tetrachloride
Concen: 5.144 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

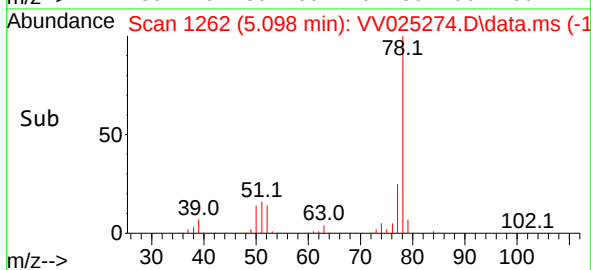
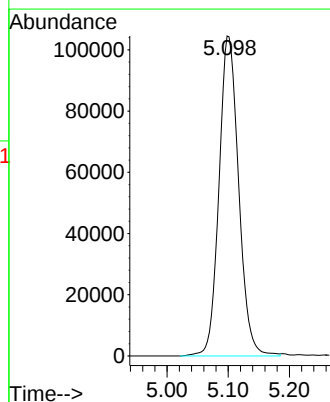
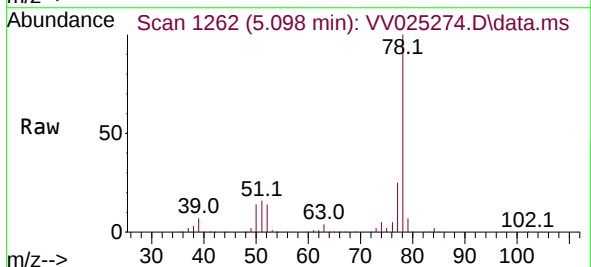
Instrument :
MSVOA_V
ClientSampleId :

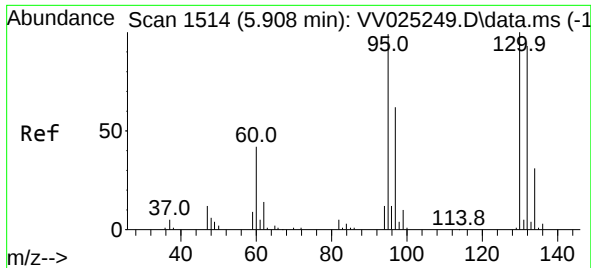
Tgt Ion:117 Resp: 82952
Ion Ratio Lower Upper
117 100
119 95.4 77.8 116.6



#33
Benzene
Concen: 5.176 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

Tgt Ion: 78 Resp: 233926

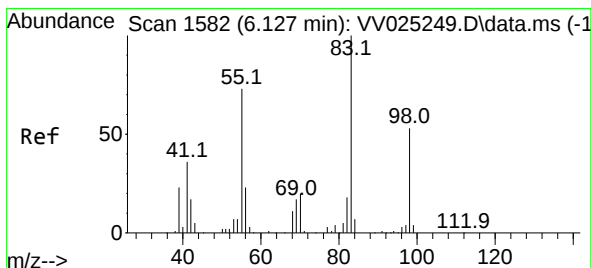
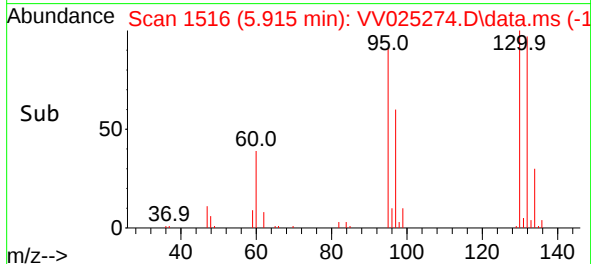
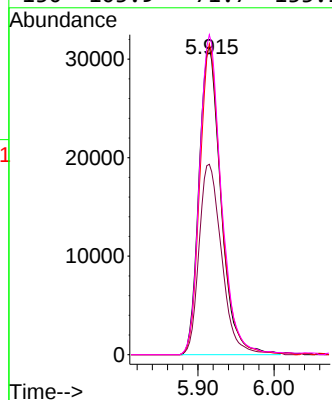
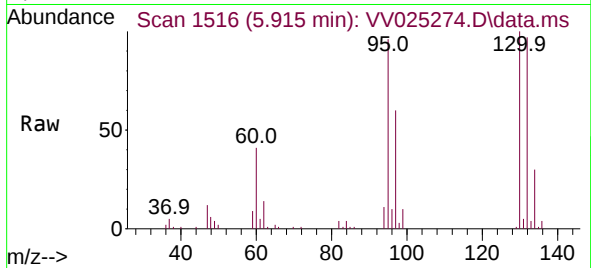




#34
Trichloroethene
Concen: 5.043 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

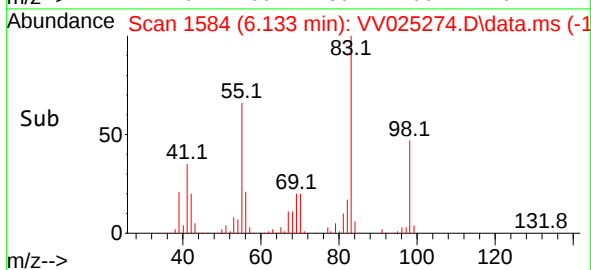
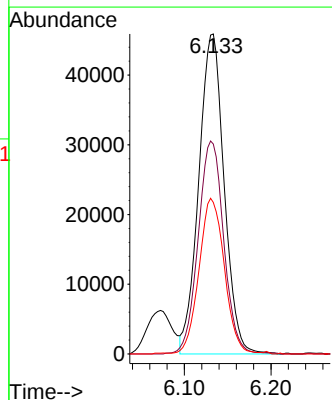
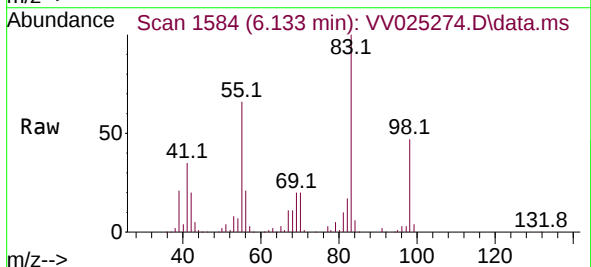
Instrument :
MSVOA_V
ClientSampleId :

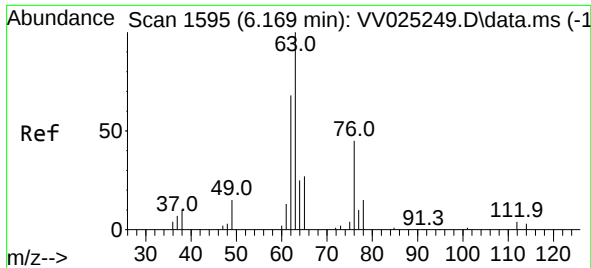
Tgt Ion: 95 Resp: 62585
Ion Ratio Lower Upper
95 100
97 61.8 46.3 85.9
132 100.9 65.2 121.2
130 103.9 71.7 133.1



#35
Methylcyclohexane
Concen: 4.803 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.006 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

Tgt Ion: 83 Resp: 93397
Ion Ratio Lower Upper
83 100
55 67.1 54.6 81.8
98 47.9 39.8 59.6





#37

1,2-Dichloropropane

Concen: 5.104 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV025274.D

Acq: 28 Mar 2022 20:15

Instrument :

MSVOA_V

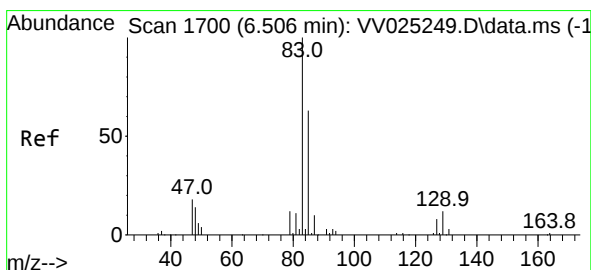
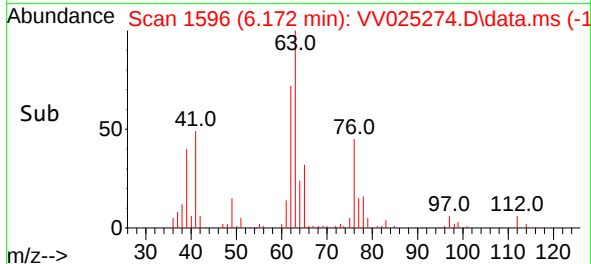
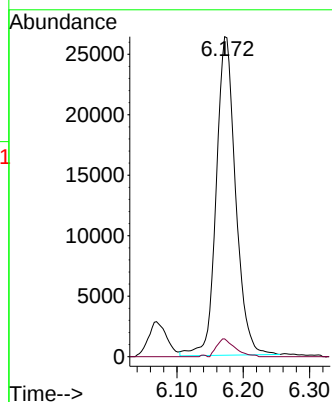
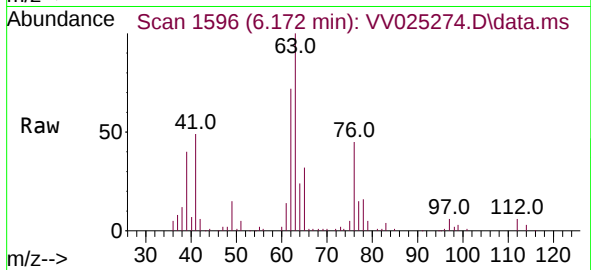
ClientSampleId :

Tgt Ion: 63 Resp: 53505

Ion Ratio Lower Upper

63 100

112 5.3 4.2 6.2



#38

Bromodichloromethane

Concen: 5.112 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025274.D

Acq: 28 Mar 2022 20:15

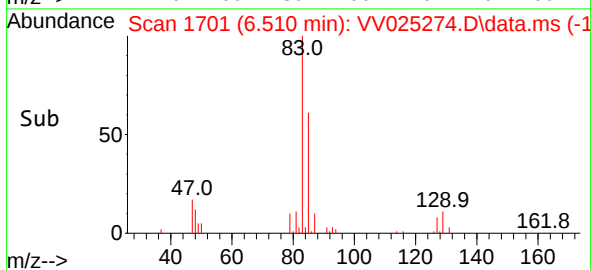
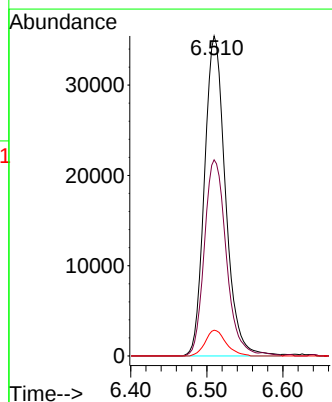
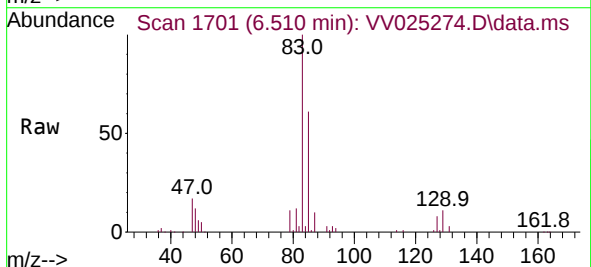
Tgt Ion: 83 Resp: 67889

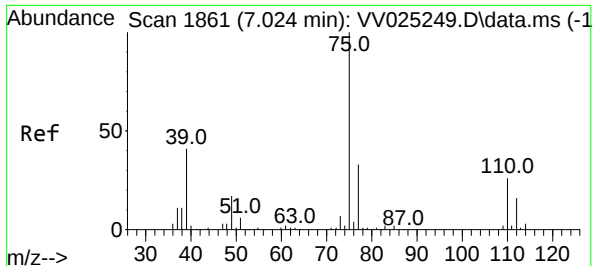
Ion Ratio Lower Upper

83 100

85 61.3 47.2 87.6

127 8.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.785 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV025274.D

Acq: 28 Mar 2022 20:15

Instrument :

MSVOA_V

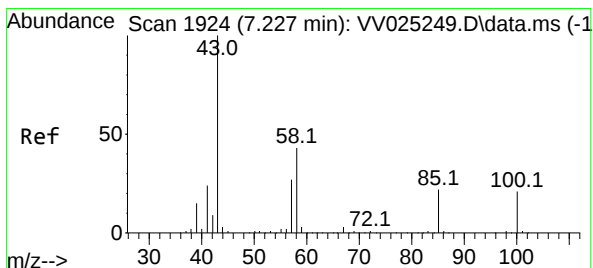
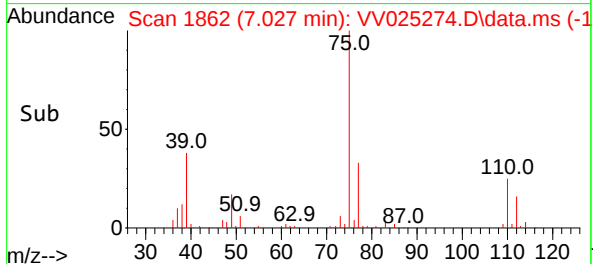
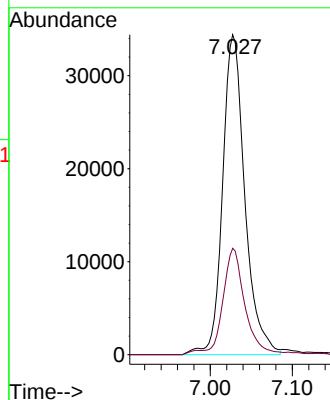
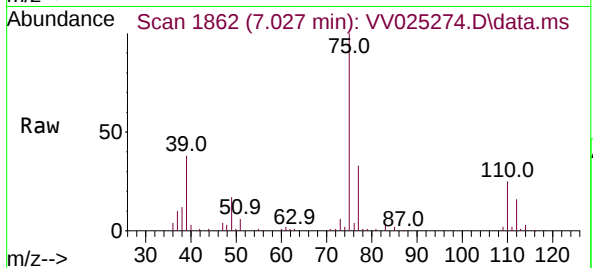
ClientSampleId :

Tgt Ion: 75 Resp: 65043

Ion Ratio Lower Upper

75 100

77 33.2 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 50.171 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV025274.D

Acq: 28 Mar 2022 20:15

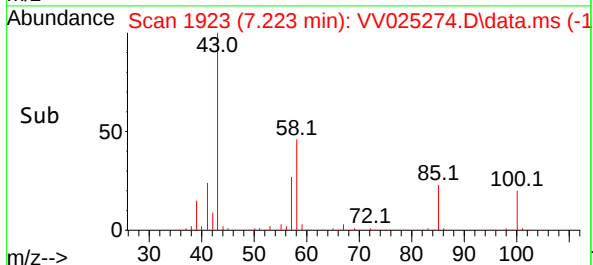
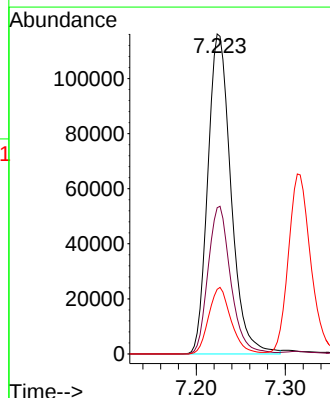
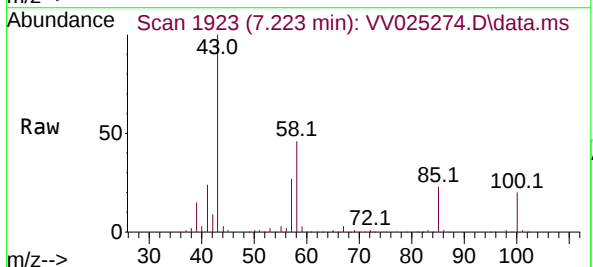
Tgt Ion: 43 Resp: 210004

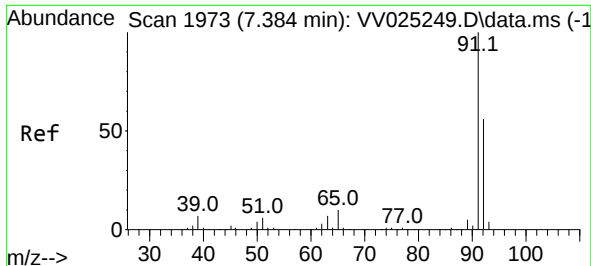
Ion Ratio Lower Upper

43 100

58 45.2 35.1 52.7

100 20.1 15.5 23.3





#42

Toluene

Concen: 5.366 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025274.D

Acq: 28 Mar 2022 20:15

Instrument :

MSVOA_V

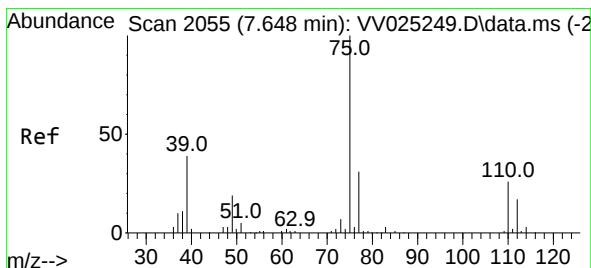
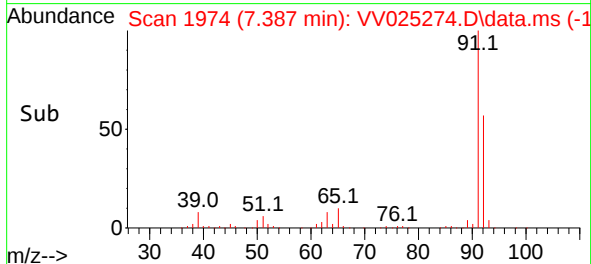
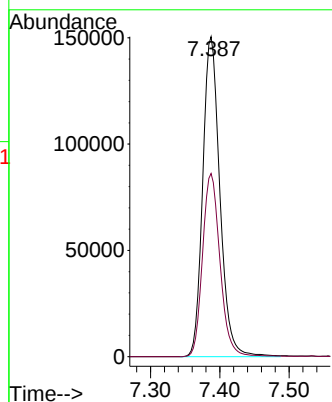
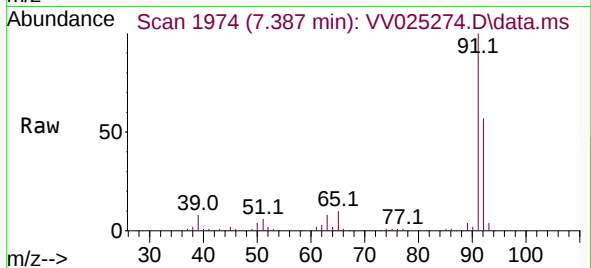
ClientSampleId :

Tgt Ion: 91 Resp: 258914

Ion Ratio Lower Upper

91 100

92 57.3 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.000 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025274.D

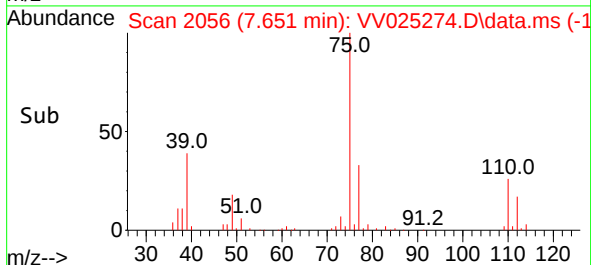
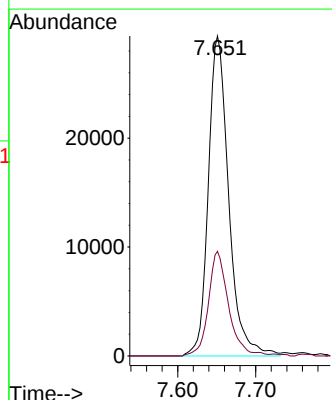
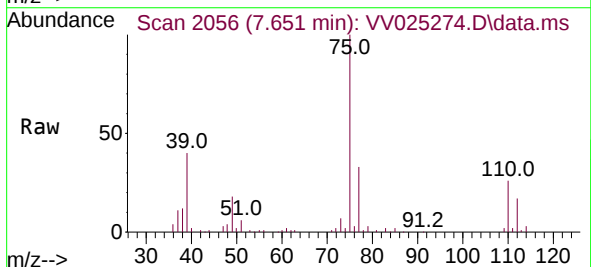
Acq: 28 Mar 2022 20:15

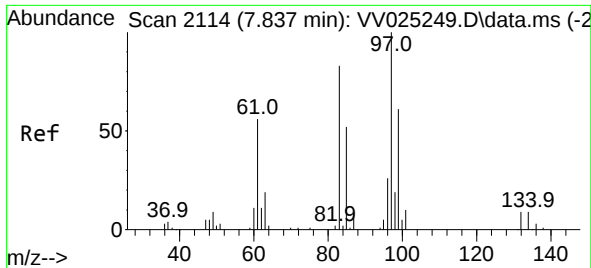
Tgt Ion: 75 Resp: 53432

Ion Ratio Lower Upper

75 100

77 32.7 24.2 45.0



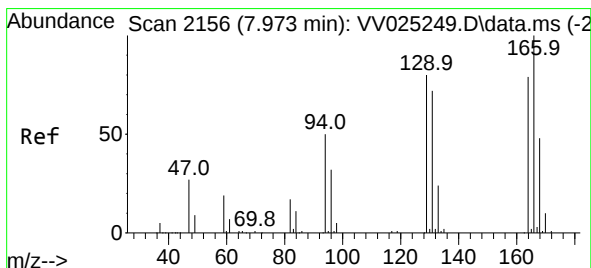
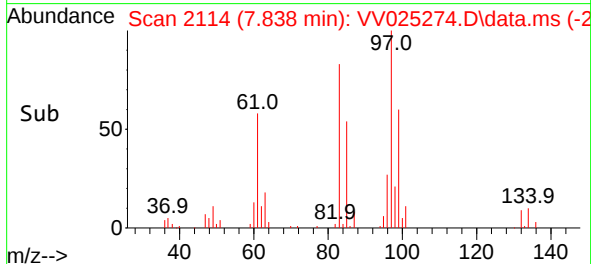
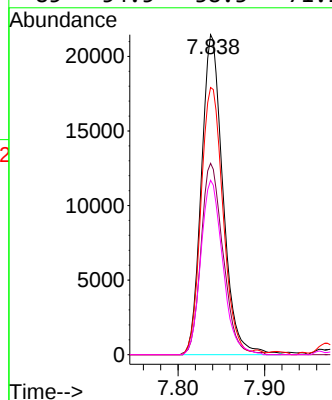
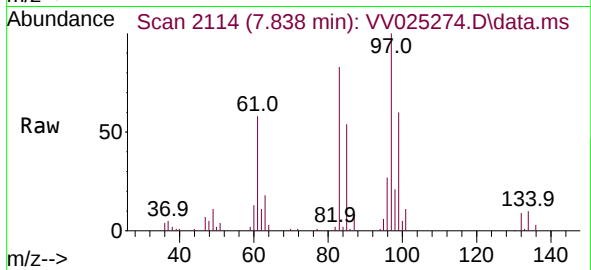


#45
1,1,2-Trichloroethane
Concen: 5.160 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 37039

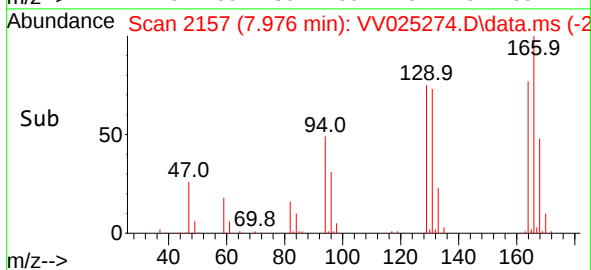
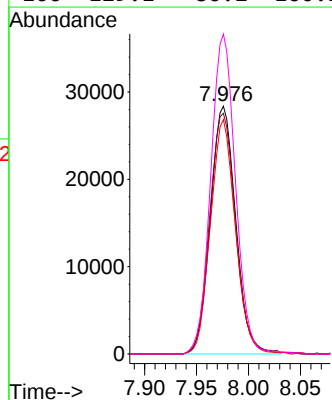
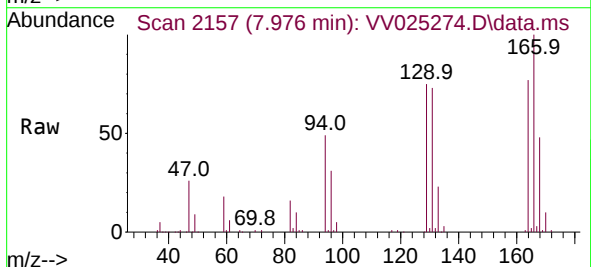
Ion	Ratio	Lower	Upper
97	100		
99	59.8	43.3	80.5
83	83.5	58.0	107.6
85	54.5	38.3	71.1

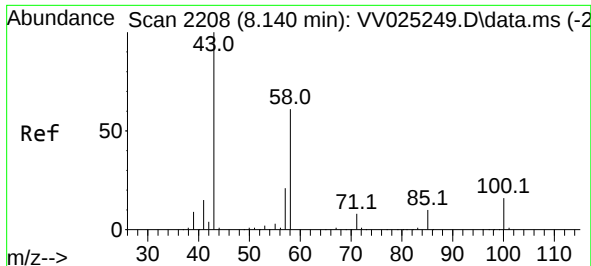


#47
Tetrachloroethene
Concen: 5.252 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

Tgt Ion: 164 Resp: 48063

Ion	Ratio	Lower	Upper
164	100		
129	97.1	67.5	125.4
131	94.6	68.0	126.4
166	129.1	86.2	160.2



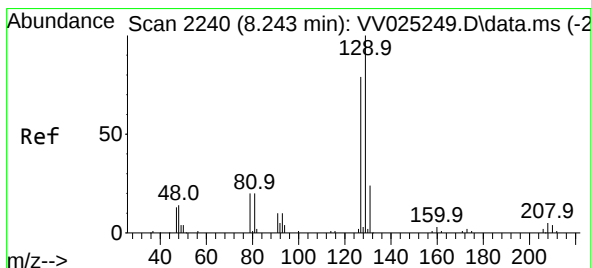
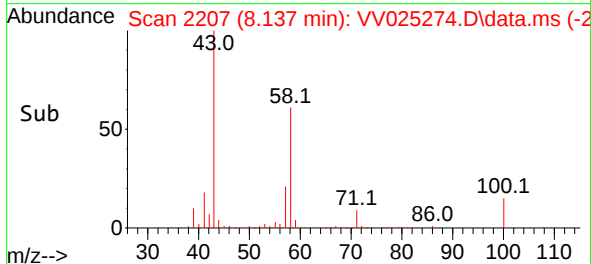
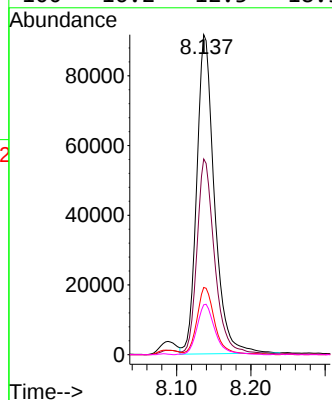
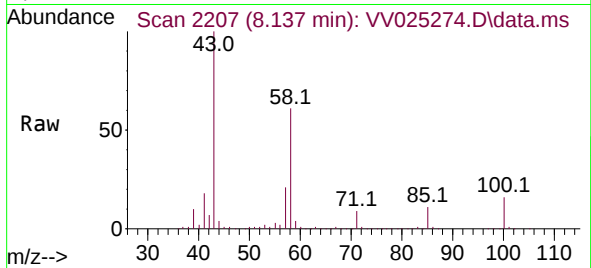


#48
2-Hexanone
Concen: 50.753 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 151939

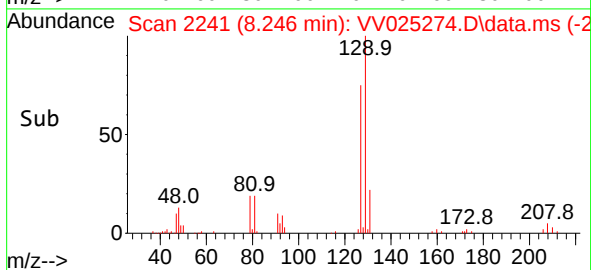
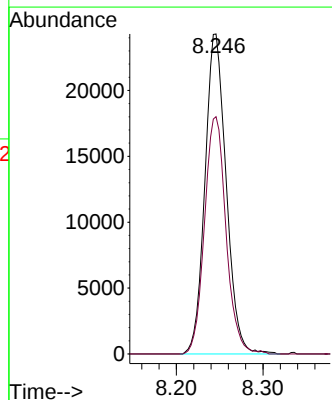
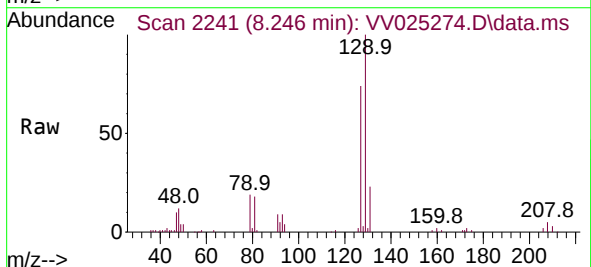
Ion	Ratio	Lower	Upper
43	100		
58	61.3	48.5	72.7
57	20.3	16.9	25.3
100	16.2	12.3	18.5

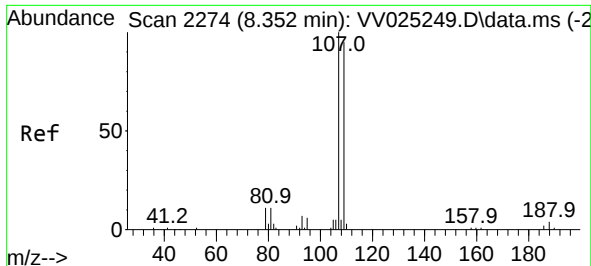


#49
Dibromochloromethane
Concen: 5.354 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

Tgt Ion: 129 Resp: 41354

Ion	Ratio	Lower	Upper
129	100		
127	74.1	54.1	100.5





#50

1,2-Dibromoethane

Concen: 5.019 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025274.D

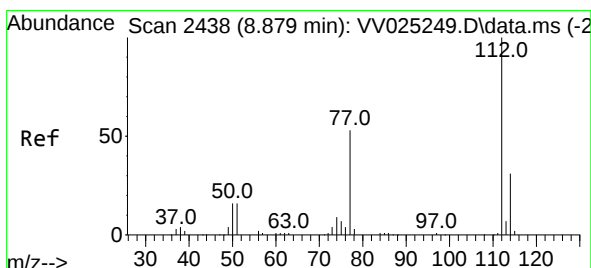
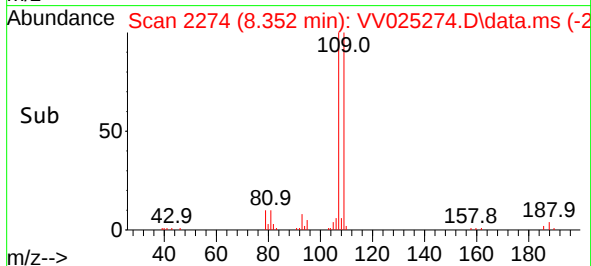
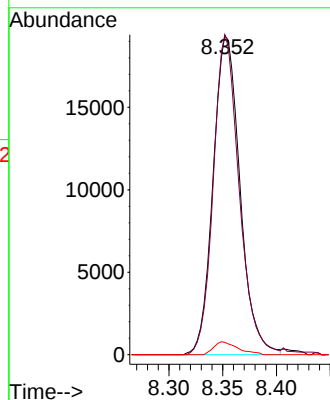
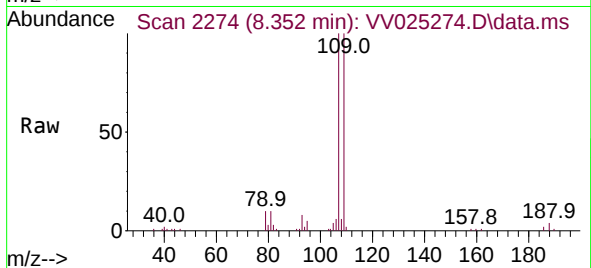
Acq: 28 Mar 2022 20:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	33564
Ion	Ratio	Lower	Upper
107	100		
109	100.2	64.7	120.1
188	3.9	2.2	3.4#



#51

Chlorobenzene

Concen: 5.166 ug/L

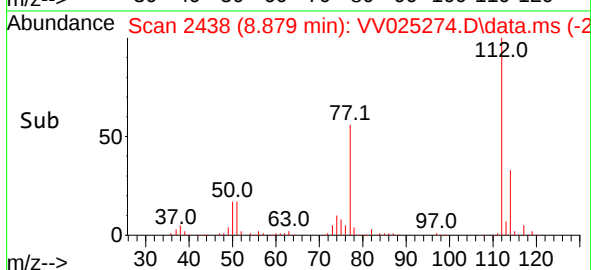
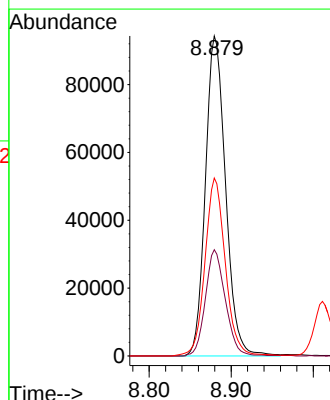
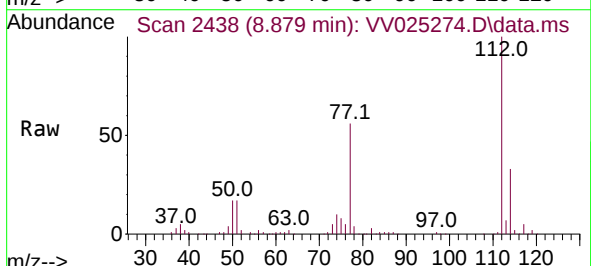
RT: 8.879 min Scan# 2438

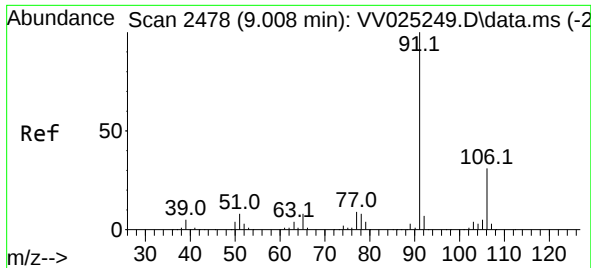
Delta R.T. 0.000 min

Lab File: VV025274.D

Acq: 28 Mar 2022 20:15

Tgt Ion:	112	Resp:	160953
Ion	Ratio	Lower	Upper
112	100		
114	33.2	21.9	40.7
77	55.6	44.2	66.4

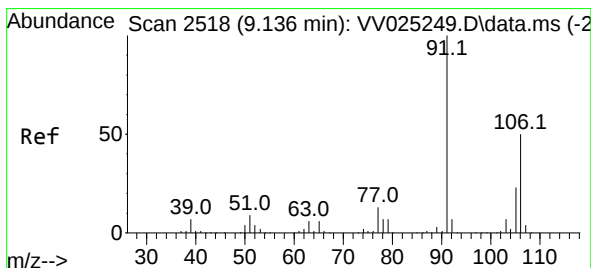
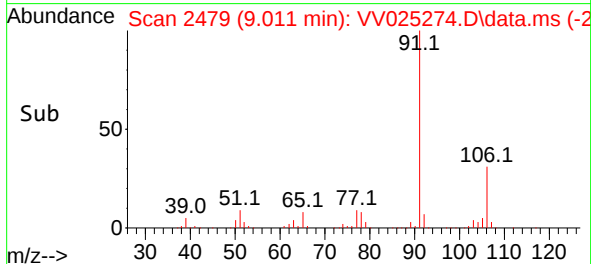
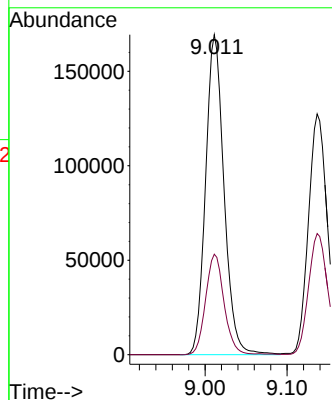
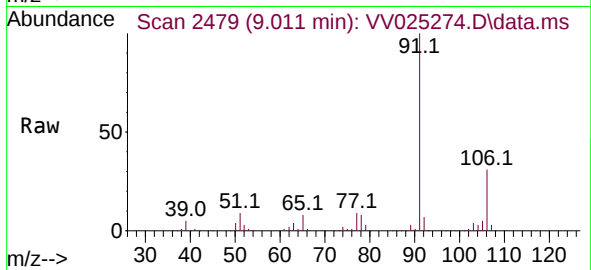




#52
Ethylbenzene
Concen: 5.160 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

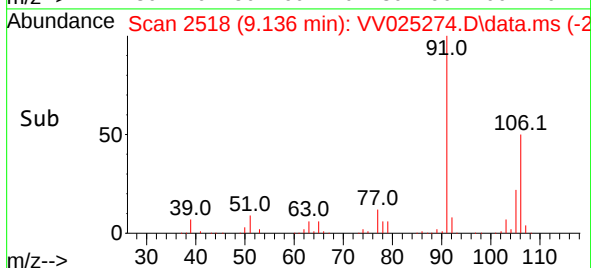
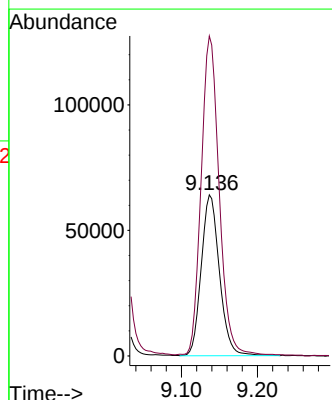
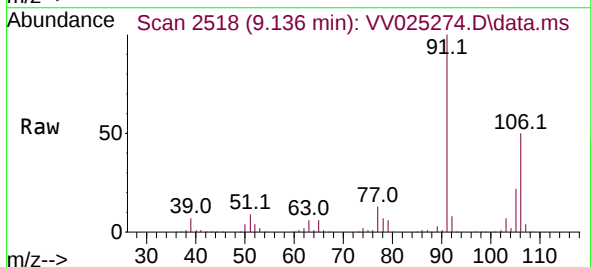
Instrument :
MSVOA_V
ClientSampleId :

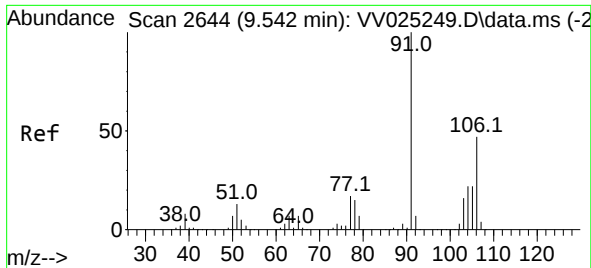
Tgt Ion: 91 Resp: 264077
Ion Ratio Lower Upper
91 100
106 31.4 21.7 40.3



#53
m,p-Xylene
Concen: 5.339 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

Tgt Ion:106 Resp: 106265
Ion Ratio Lower Upper
106 100
91 198.7 136.8 254.0

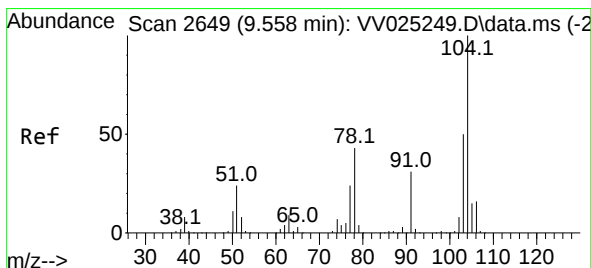
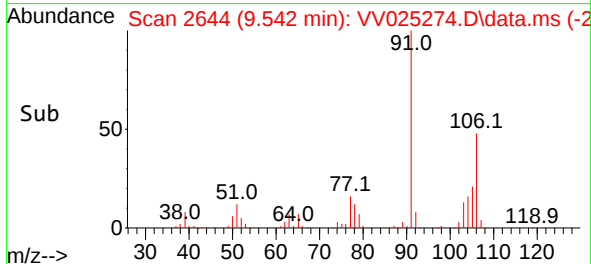
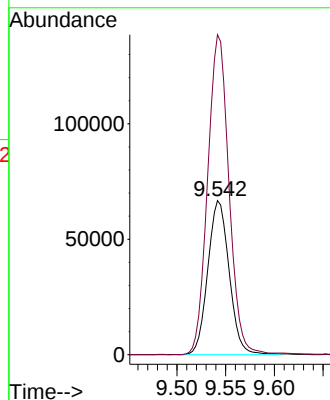
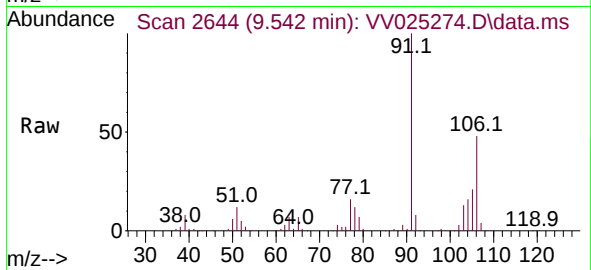




#54
o-Xylene
Concen: 5.352 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

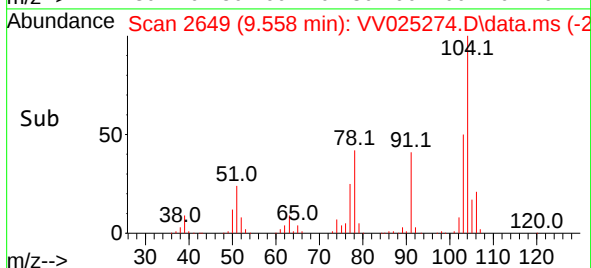
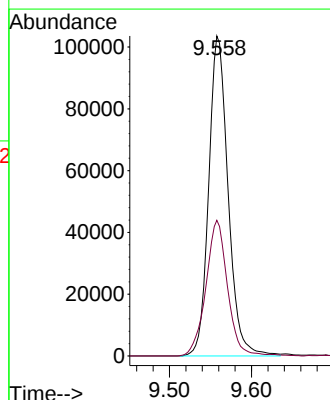
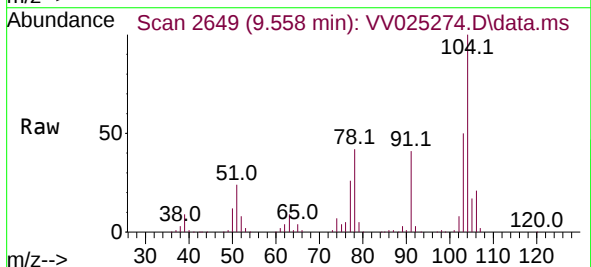
Instrument :
MSVOA_V
ClientSampleId :

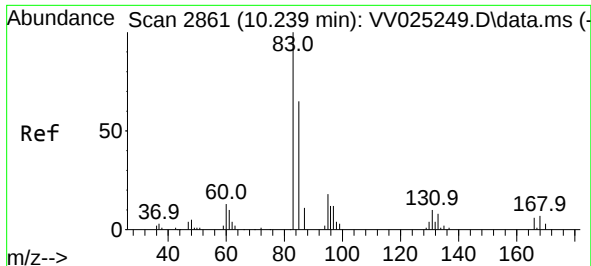
Tgt Ion:106 Resp: 101820
Ion Ratio Lower Upper
106 100
91 207.7 143.0 265.6



#55
Styrene
Concen: 5.438 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

Tgt Ion:104 Resp: 170111
Ion Ratio Lower Upper
104 100
78 42.4 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.035 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV025274.D

Acq: 28 Mar 2022 20:15

Instrument :

MSVOA_V

ClientSampleId :

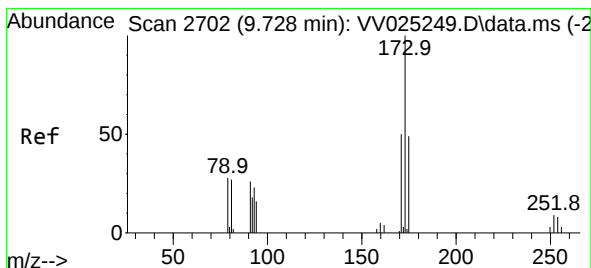
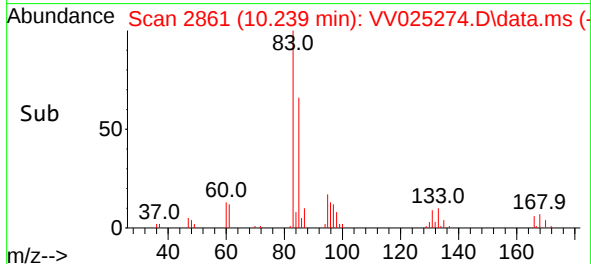
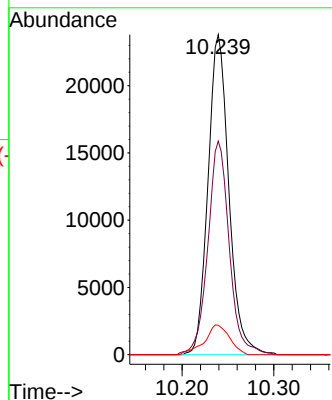
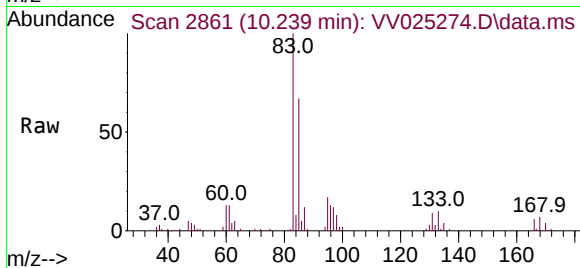
Tgt Ion: 83 Resp: 37676

Ion Ratio Lower Upper

83 100

85 66.8 46.2 85.8

131 9.2 8.1 12.1



#59

Bromoform

Concen: 5.304 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV025274.D

Acq: 28 Mar 2022 20:15

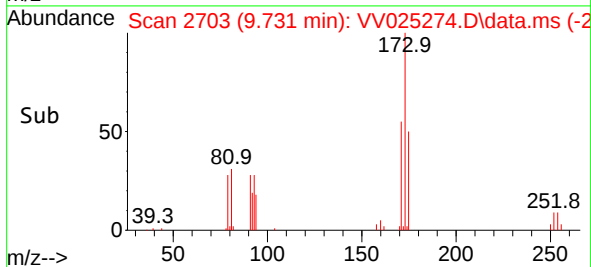
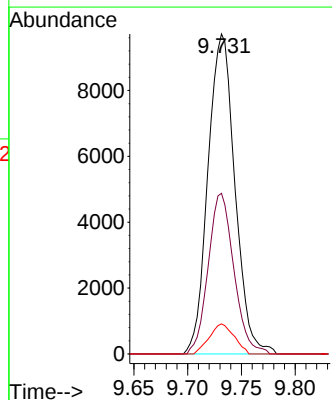
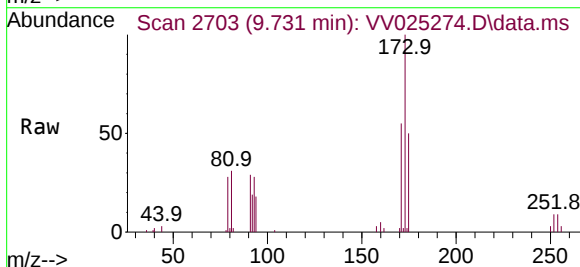
Tgt Ion: 173 Resp: 16942

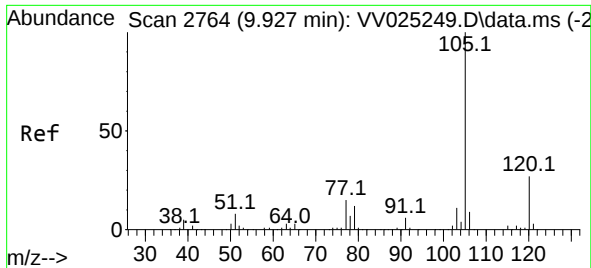
Ion Ratio Lower Upper

173 100

175 47.8 39.4 59.0

254 8.6 5.6 8.4#

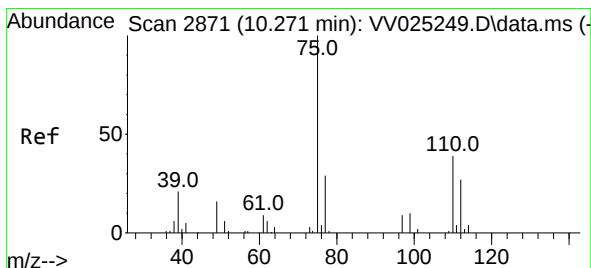
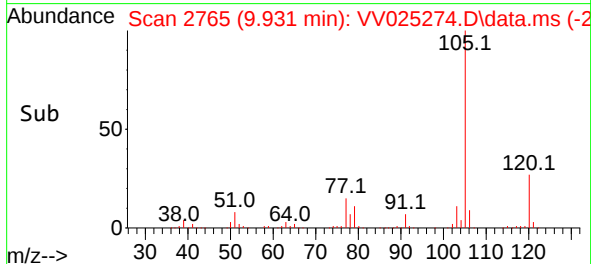
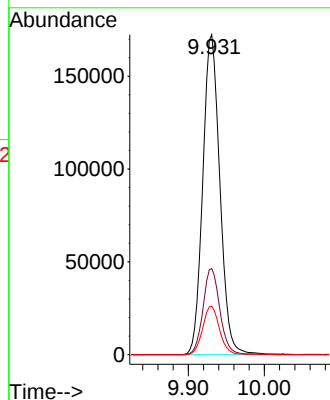
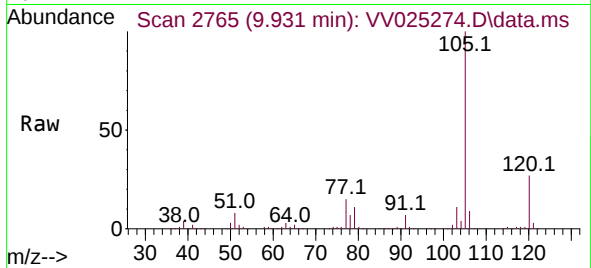




#60
Isopropylbenzene
Concen: 5.191 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

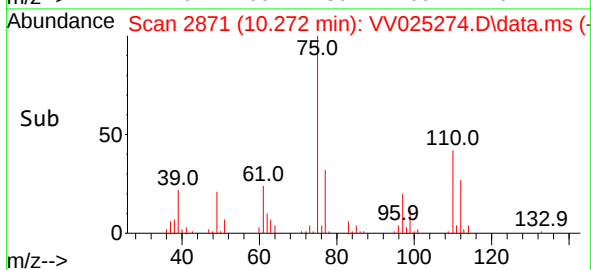
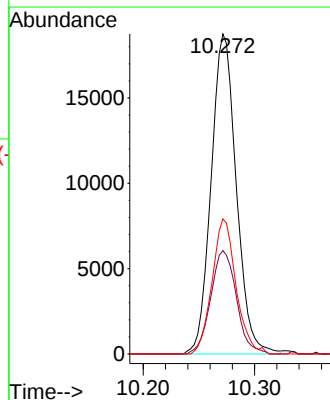
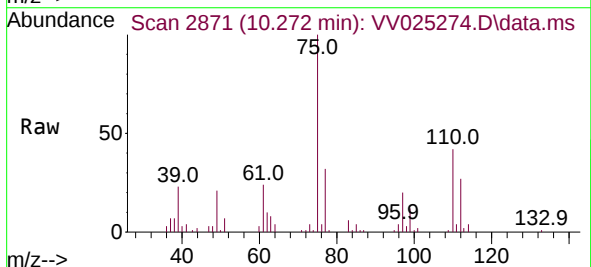
Instrument :
MSVOA_V
ClientSampleId :

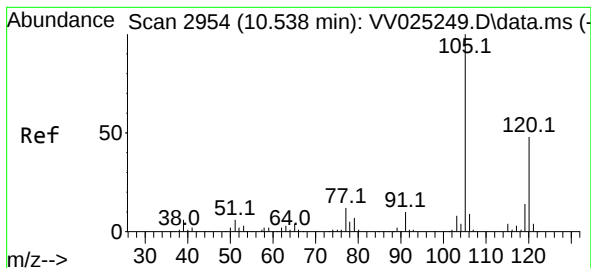
Tgt Ion:105 Resp: 269080
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 14.9 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.969 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

Tgt Ion: 75 Resp: 29385
Ion Ratio Lower Upper
75 100
77 32.9 25.8 38.6
110 40.2 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 4.894 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV025274.D

Acq: 28 Mar 2022 20:15

Instrument :

MSVOA_V

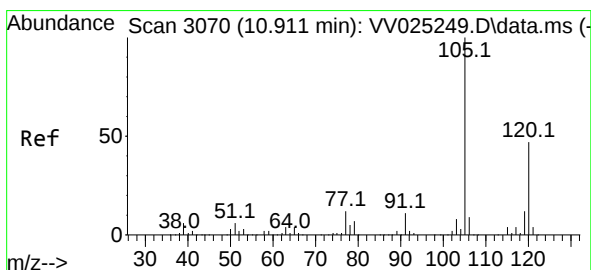
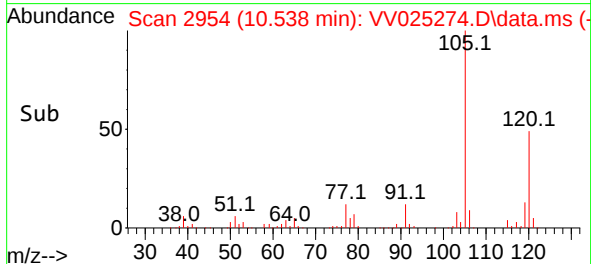
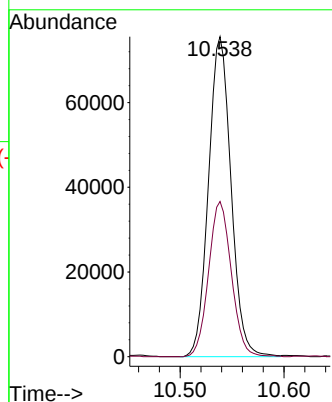
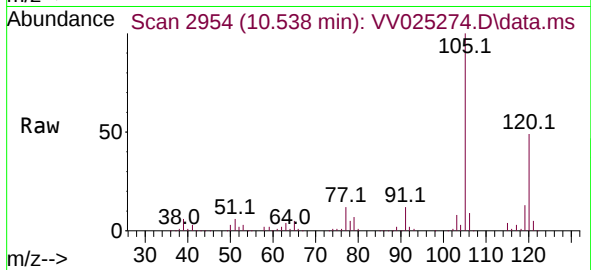
ClientSampleId :

Tgt Ion:105 Resp: 113744

Ion Ratio Lower Upper

105 100

120 49.0 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.149 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025274.D

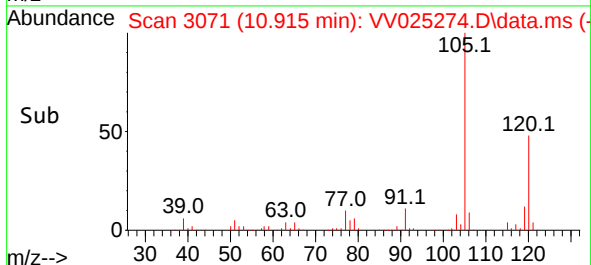
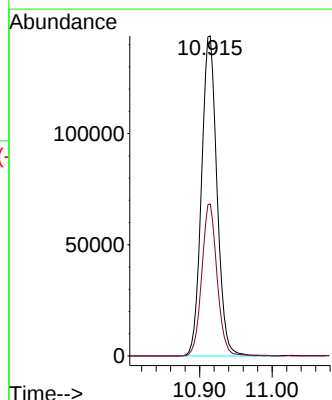
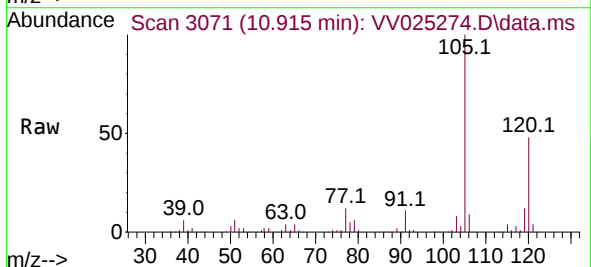
Acq: 28 Mar 2022 20:15

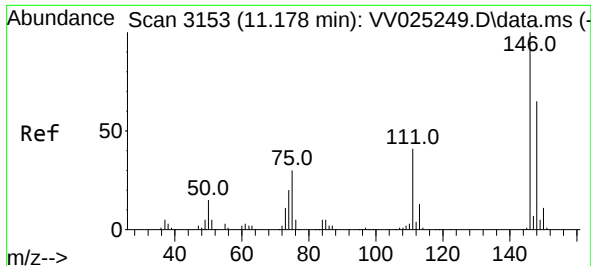
Tgt Ion:105 Resp: 213499

Ion Ratio Lower Upper

105 100

120 46.9 36.5 54.7

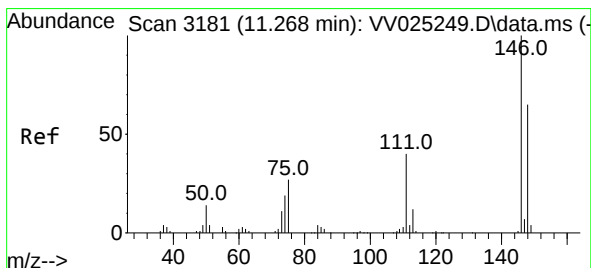
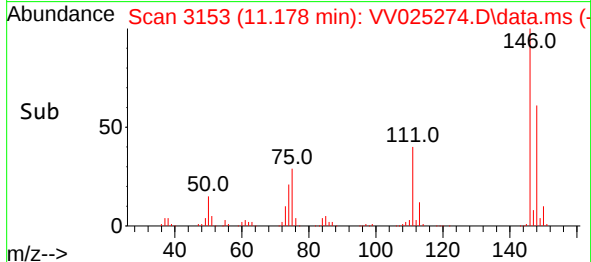
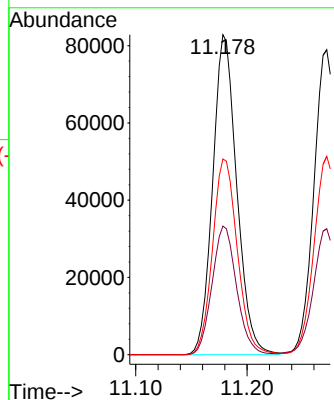
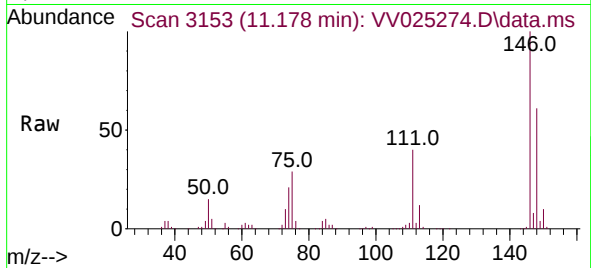




#64
1,3-Dichlorobenzene
Concen: 5.126 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

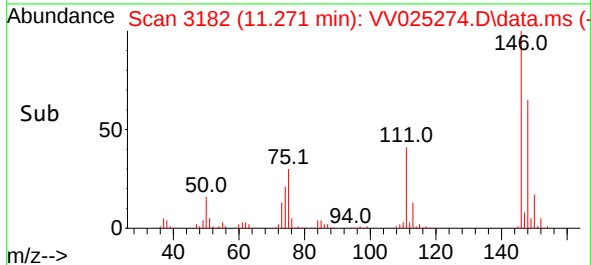
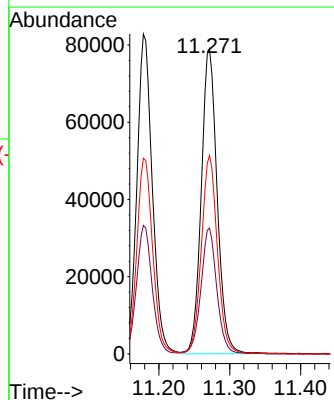
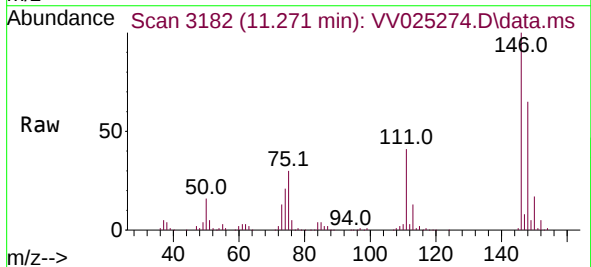
Instrument :
MSVOA_V
ClientSampleId :

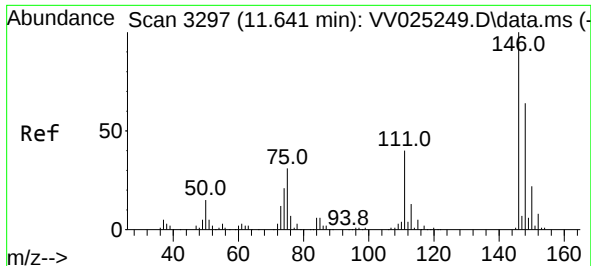
Tgt Ion:146 Resp: 124431
Ion Ratio Lower Upper
146 100
111 40.2 29.0 53.8
148 61.2 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 5.057 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

Tgt Ion:146 Resp: 122932
Ion Ratio Lower Upper
146 100
111 41.3 27.9 51.9
148 65.1 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 5.218 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV025274.D

Acq: 28 Mar 2022 20:15

Instrument :

MSVOA_V

ClientSampleId :

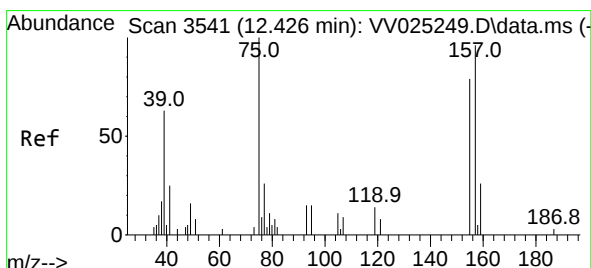
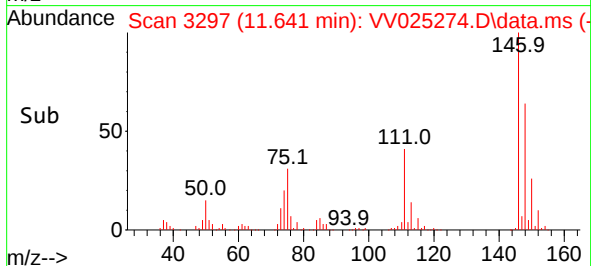
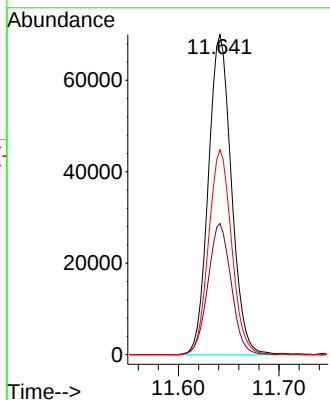
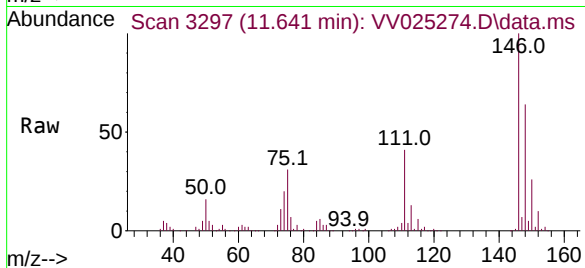
Tgt Ion:146 Resp: 111467

Ion Ratio Lower Upper

146 100

111 41.0 33.0 49.6

148 64.1 49.3 73.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.527 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV025274.D

Acq: 28 Mar 2022 20:15

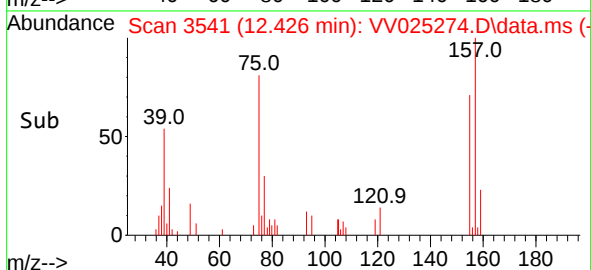
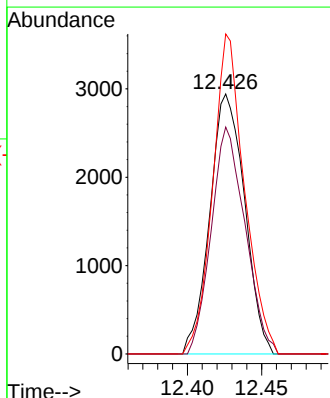
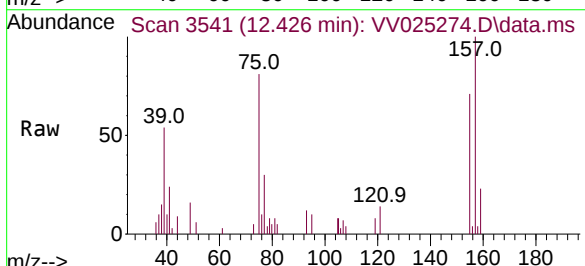
Tgt Ion: 75 Resp: 4793

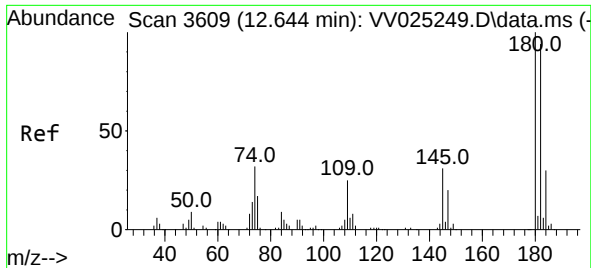
Ion Ratio Lower Upper

75 100

155 87.3 80.0 120.0

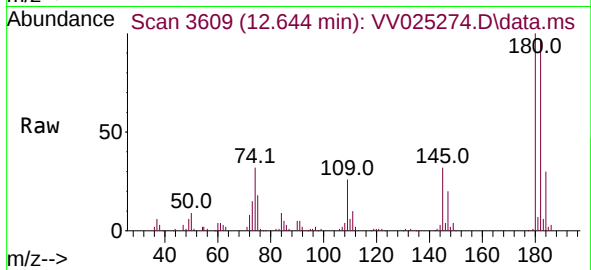
157 123.1 94.5 141.7



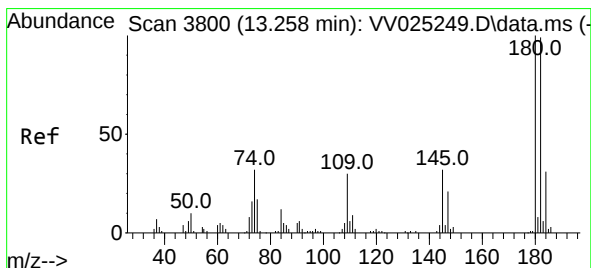
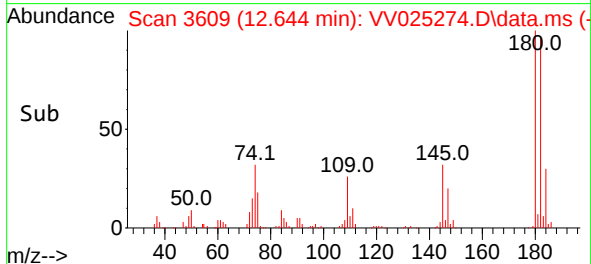
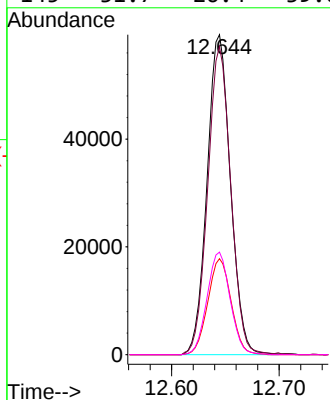


#69
 1,3,5-Trichlorobenzene
 Concen: 5.118 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV025274.D
 Acq: 28 Mar 2022 20:15

Instrument :
 MSVOA_V
 ClientSampleId :

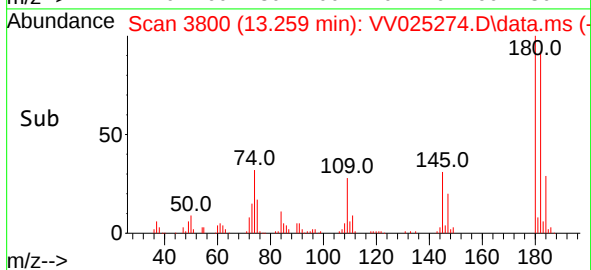
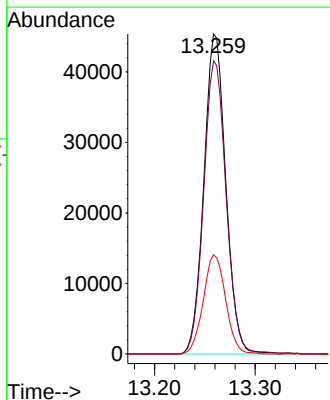
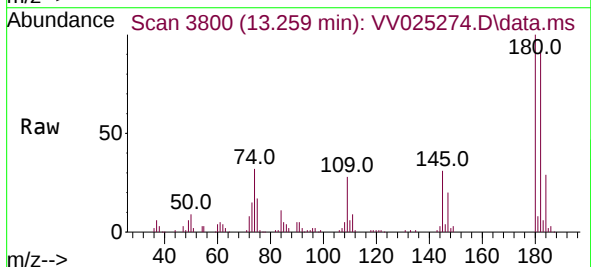


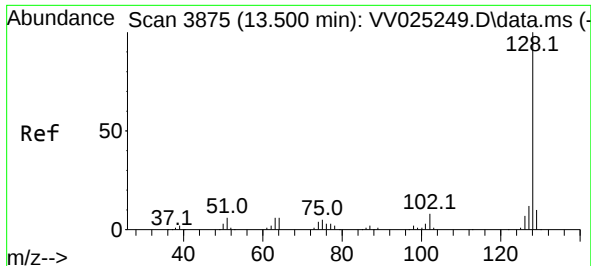
Tgt Ion:180 Resp: 89627
 Ion Ratio Lower Upper
 180 100
 182 95.0 77.1 115.7
 184 29.9 23.6 35.4
 145 31.7 26.4 39.6



#70
 1,2,4-trichlorobenzene
 Concen: 5.192 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025274.D
 Acq: 28 Mar 2022 20:15

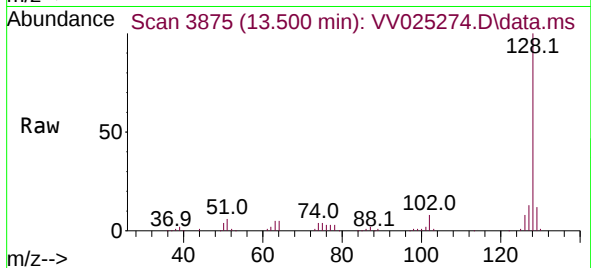
Tgt Ion:180 Resp: 68603
 Ion Ratio Lower Upper
 180 100
 182 94.0 77.5 116.3
 145 31.6 26.2 39.4



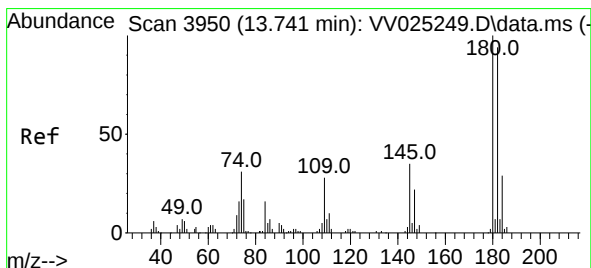
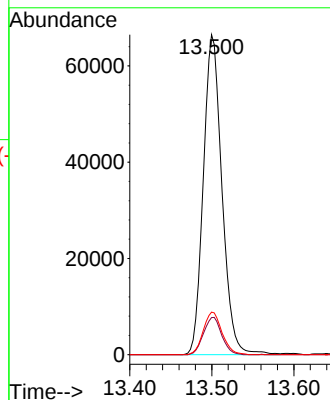
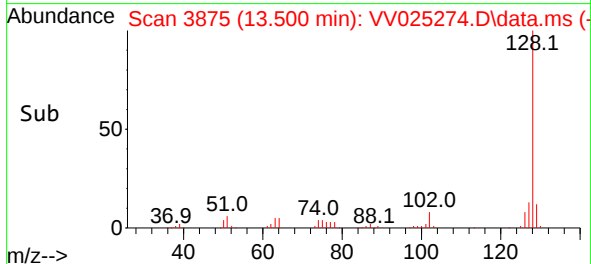


#71
Naphthalene
Concen: 5.099 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15

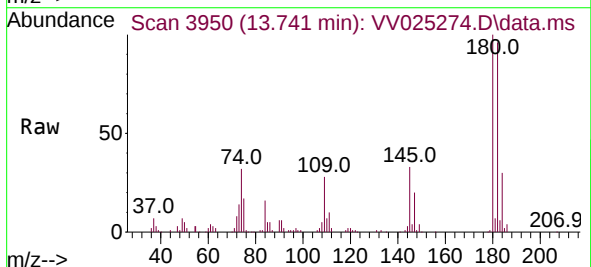
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 104983
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.4 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.300 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025274.D
Acq: 28 Mar 2022 20:15



Tgt Ion:180 Resp: 60331
Ion Ratio Lower Upper
180 100
182 94.1 75.8 113.6
145 32.9 28.6 42.8

