

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022222\
 Data File : VW024797.D
 Acq On : 22 Feb 2022 15:09
 Operator : SY/MD
 Sample : N1623-06MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 23 01:08:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 22 03:27:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	159132	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	146410	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68870	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	71322	5.284	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.600%
7) Chloroethane-d5	1.568	69	55456	5.008	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.111	63	119935	4.849	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	3.886	46	105085	54.506	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.020%
24) Chloroform-d	4.352	84	109989	5.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.034	65	48105	5.124	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.050	84	232694	5.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.200%
36) 1,2-Dichloropropane-d6	6.069	67	67508	5.431	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.600%
41) Toluene-d8	7.316	98	206851	5.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
43) trans-1,3-Dichloroprop...	7.622	79	22750	5.494	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.800%
46) 2-Hexanone-d5	8.088	63	82981	50.929	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.860%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	39814	5.315	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	60568	5.083	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	80692	5.200	ug/L	100
3) Chloromethane	1.243	50	78923	5.092	ug/L	99
5) Vinyl chloride	1.310	62	85809	5.043	ug/L	97
6) Bromomethane	1.523	94	50938	5.012	ug/L	99
8) Chloroethane	1.587	64	50504	4.819	ug/L	99
9) Trichlorofluoromethane	1.754	101	111281	4.981	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	65558	5.054	ug/L	99
12) 1,1-Dichloroethene	2.121	96	61860	4.992	ug/L	99
13) Acetone	2.178	43	71622	52.679	ug/L	94
14) Carbon disulfide	2.297	76	180673	5.195	ug/L	100
15) Methyl Acetate	2.439	43	20078	5.641	ug/L	96
16) Methylene chloride	2.510	84	63799	5.228	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	130691	5.365	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	65233	5.390	ug/L	98
19) 1,1-Dichloroethane	3.191	63	118784	5.359	ug/L	96
21) 2-Butanone	3.969	43	119466	56.861	ug/L	100
22) cis-1,2-Dichloroethene	3.911	96	76792	6.002	ug/L	97
23) Bromochloromethane	4.249	128	27404	5.542	ug/L	91
25) Chloroform	4.378	83	122659	5.298	ug/L	99

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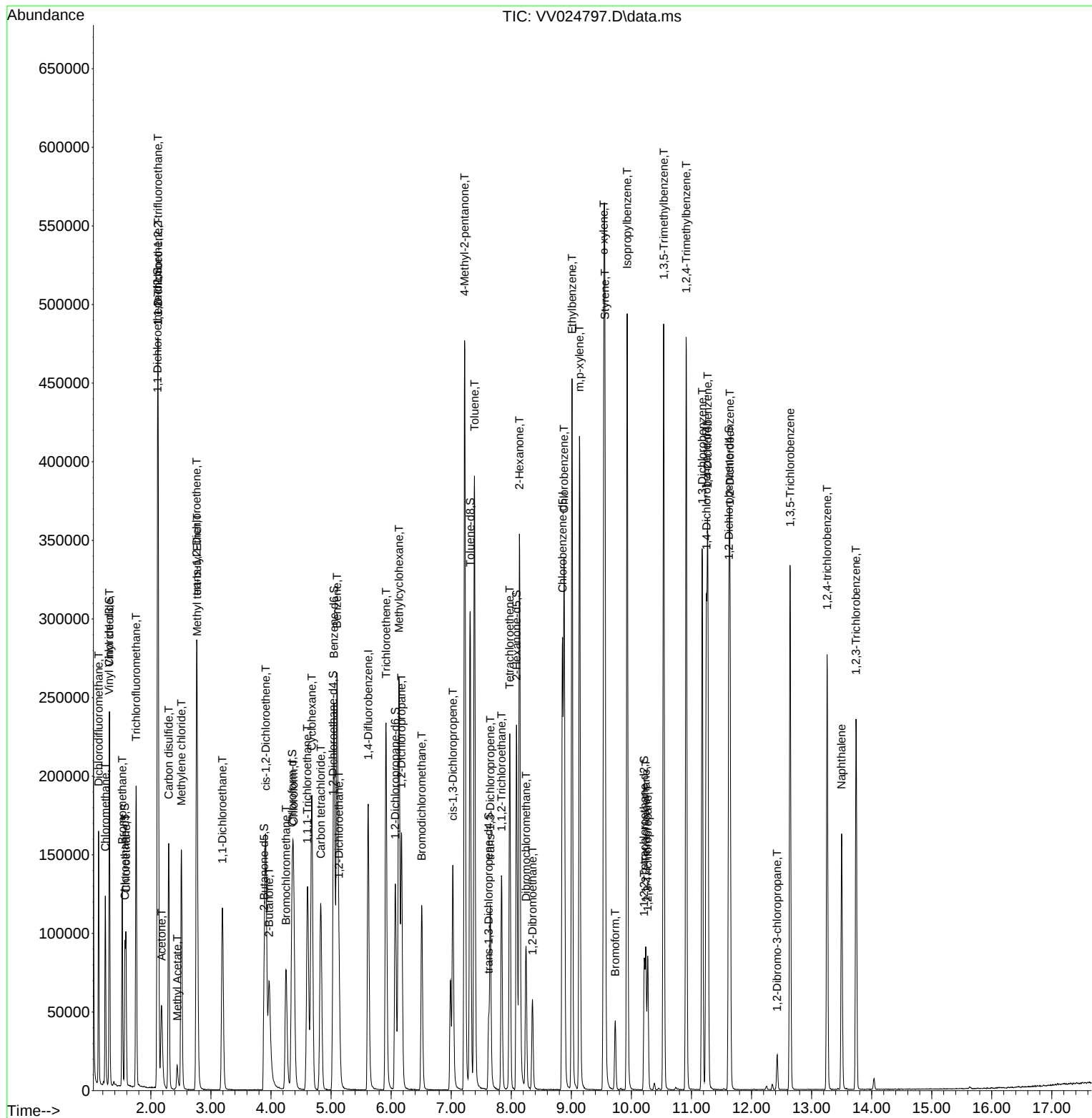
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	63818	5.165	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	106909	5.441	ug/L	98
30) Cyclohexane	4.680	56	105037	5.270	ug/L	98
31) Carbon tetrachloride	4.828	117	89109	5.394	ug/L	100
33) Benzene	5.098	78	271489	5.477	ug/L	100
34) Trichloroethene	5.915	95	85579	6.517	ug/L	99
35) Methylcyclohexane	6.130	83	113923	5.370	ug/L	100
37) 1,2-Dichloropropane	6.172	63	66021	5.637	ug/L	100
38) Bromodichloromethane	6.509	83	79626	5.401	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	89415	5.505	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	305338	54.808	ug/L	98
42) Toluene	7.387	91	288341	5.464	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	69261	5.336	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	42623	5.594	ug/L	99
47) Tetrachloroethene	7.976	164	48113	5.381	ug/L	99
48) 2-Hexanone	8.136	43	213406	54.482	ug/L	98
49) Dibromochloromethane	8.246	129	45676	5.402	ug/L	100
50) 1,2-Dibromoethane	8.352	107	38747	5.573	ug/L	97
51) Chlorobenzene	8.879	112	178453	5.405	ug/L	99
52) Ethylbenzene	9.011	91	313955	5.451	ug/L	100
53) m,p-xylene	9.136	106	120300	5.525	ug/L	98
54) o-xylene	9.541	106	115815	5.443	ug/L	97
55) Styrene	9.561	104	186519	5.389	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	43334	5.378	ug/L	95
59) Bromoform	9.731	173	18438	5.289	ug/L	98
60) Isopropylbenzene	9.931	105	315973	5.546	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	33494	5.366	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	259664	5.468	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	258447	5.483	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	132455	5.513	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	130345	5.432	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	116697	5.506	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6067	5.685	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	93598	5.494	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	74301	5.536	ug/L	99
71) Naphthalene	13.500	128	125808	5.512	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	61948	5.515	ug/L	99

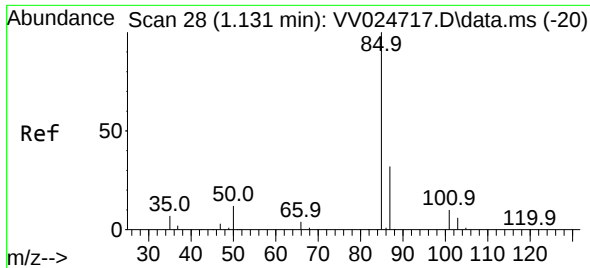
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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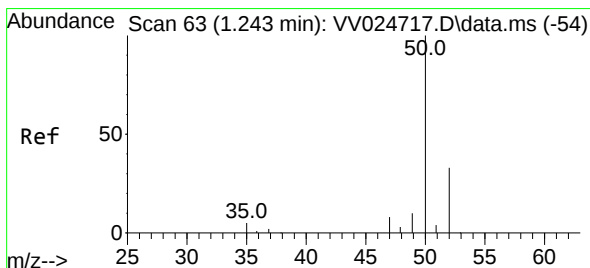
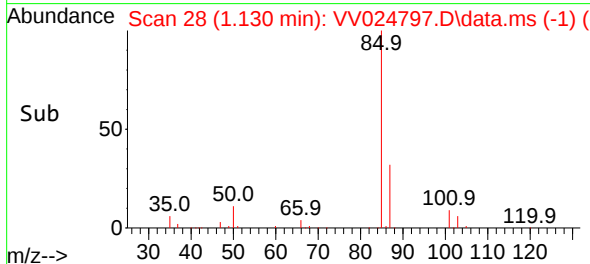
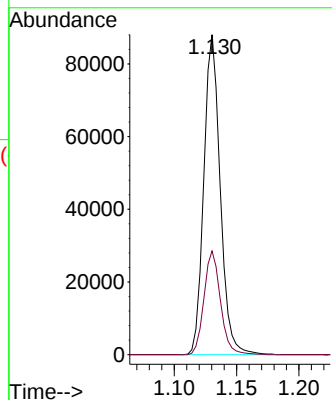
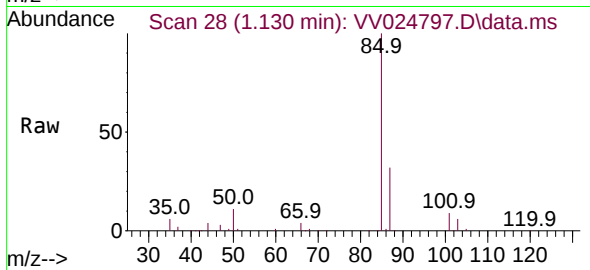




#2
 Dichlorodifluoromethane
 Concen: 5.200 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024797.D
 Acq: 22 Feb 2022 15:09

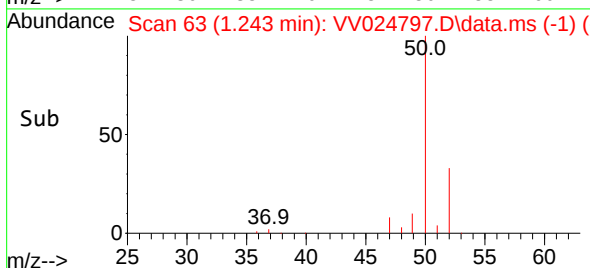
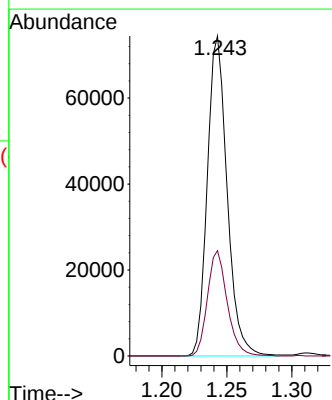
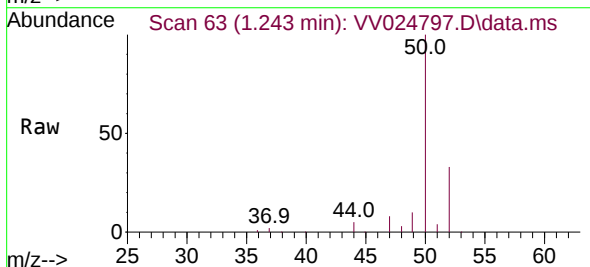
Instrument :
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 ClientSampleId :

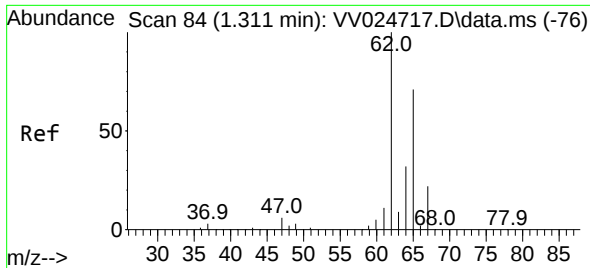
Tgt Ion: 85 Resp: 80692
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.9 38.9



#3
 Chloromethane
 Concen: 5.092 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV024797.D
 Acq: 22 Feb 2022 15:09

Tgt Ion: 50 Resp: 78923
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.3 43.3

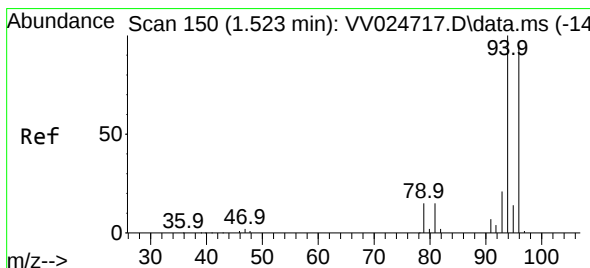
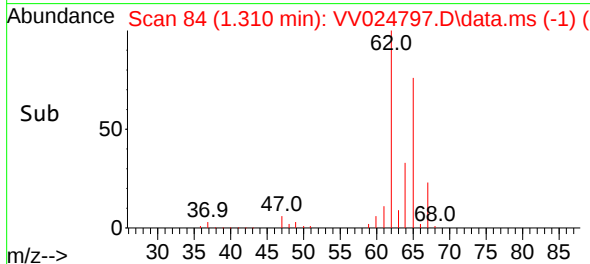
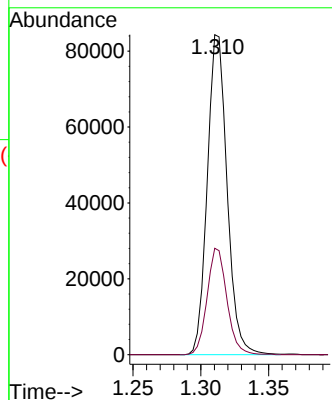
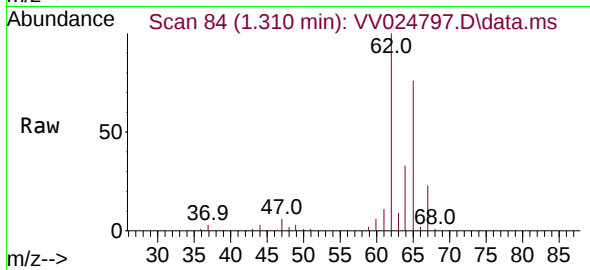




#5
 Vinyl chloride
 Concen: 5.043 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV024797.D
 Acq: 22 Feb 2022 15:09

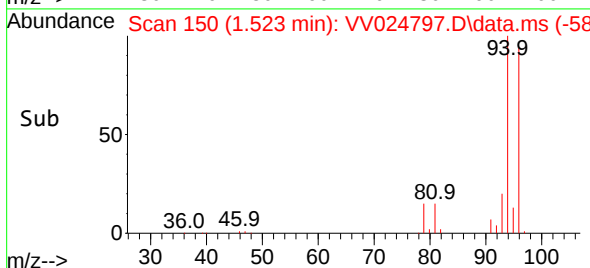
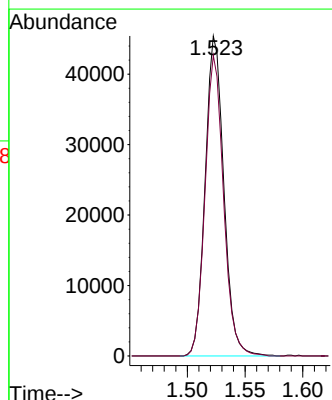
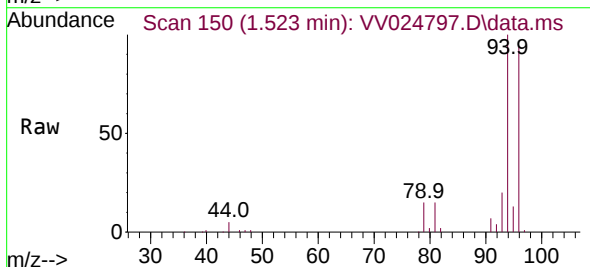
Instrument :
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 ClientSampleId :

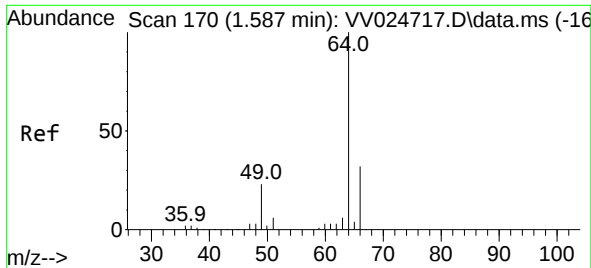
Tgt Ion: 62 Resp: 85809
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.2 41.2



#6
 Bromomethane
 Concen: 5.012 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV024797.D
 Acq: 22 Feb 2022 15:09

Tgt Ion: 94 Resp: 50938
 Ion Ratio Lower Upper
 94 100
 96 93.9 66.5 123.5

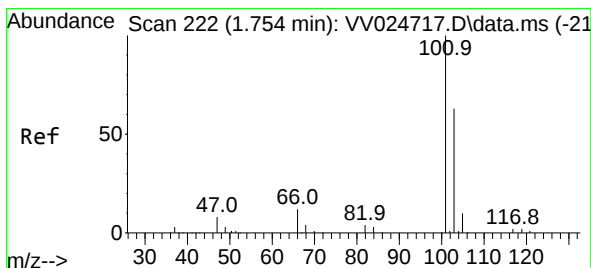
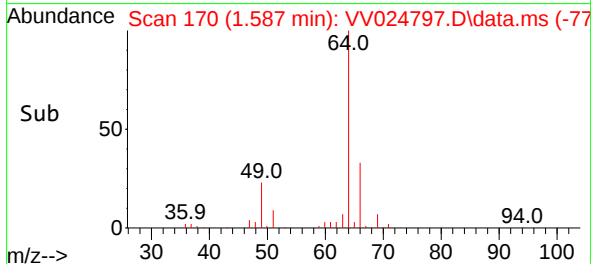
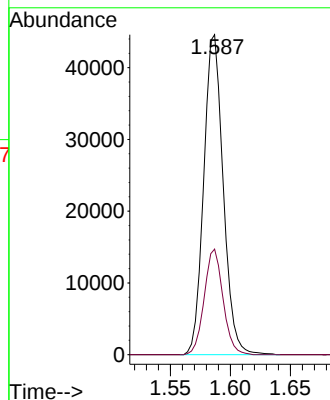
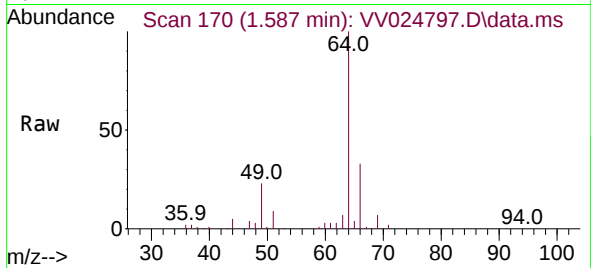




#8
Chloroethane
Concen: 4.819 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024797.D
Acq: 22 Feb 2022 15:09

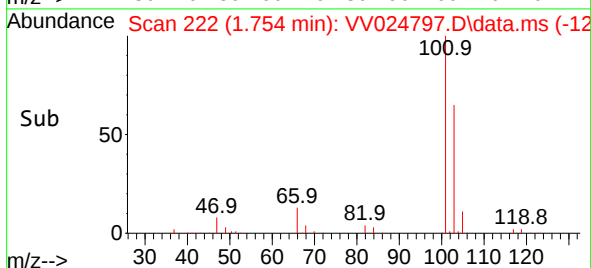
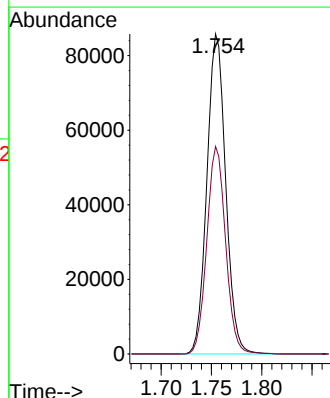
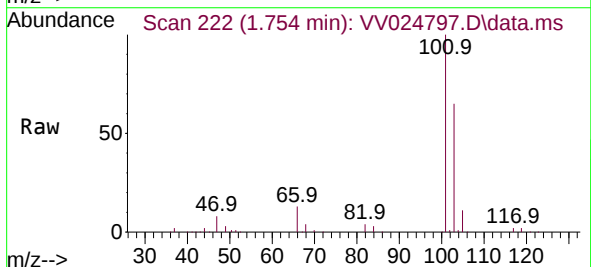
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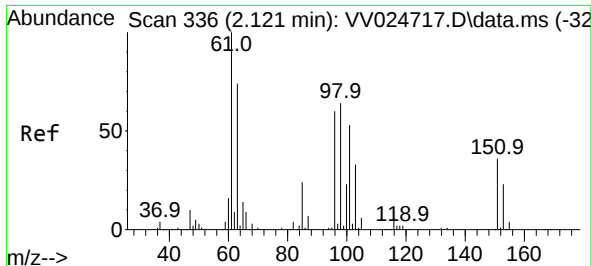
Tgt Ion: 64 Resp: 50504
Ion Ratio Lower Upper
64 100
66 33.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.981 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV024797.D
Acq: 22 Feb 2022 15:09

Tgt Ion:101 Resp: 111281
Ion Ratio Lower Upper
101 100
103 64.8 50.7 76.1

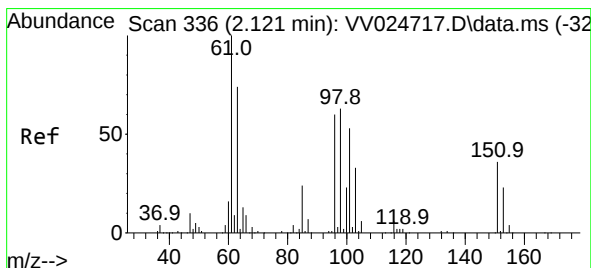
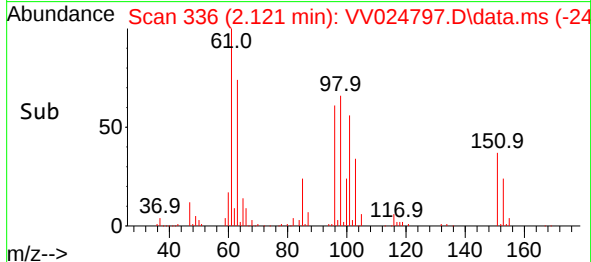
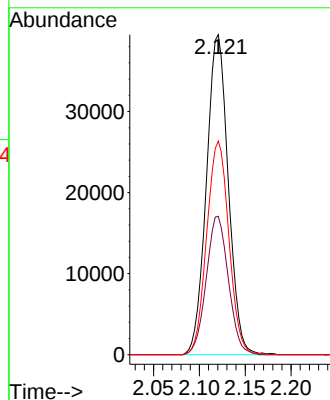
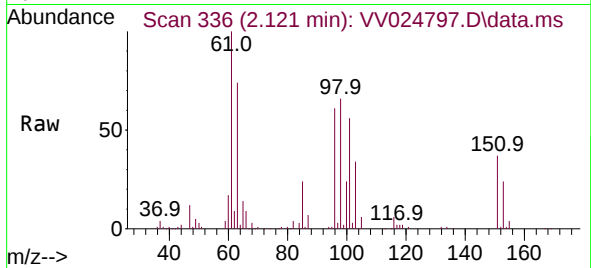




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.054 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV024797.D
 Acq: 22 Feb 2022 15:09

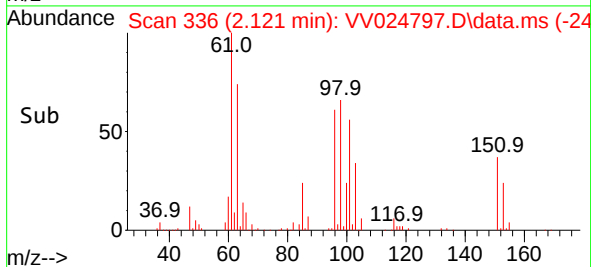
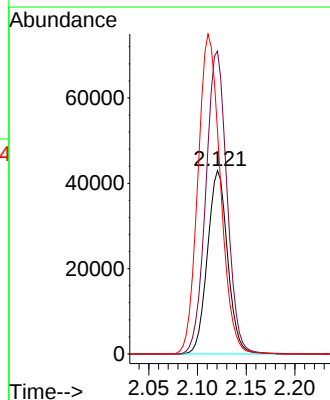
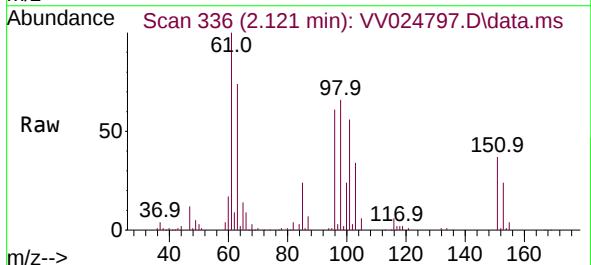
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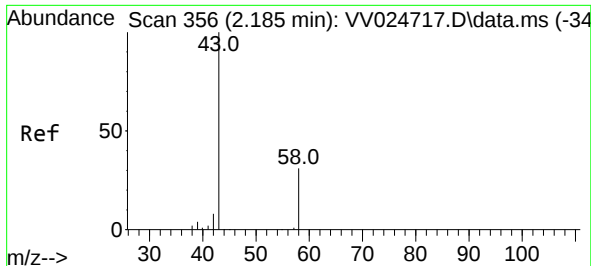
Tgt Ion:101 Resp: 65558
 Ion Ratio Lower Upper
 101 100
 85 43.8 34.7 52.1
 151 67.5 53.5 80.3



#12
 1,1-Dichloroethene
 Concen: 4.992 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV024797.D
 Acq: 22 Feb 2022 15:09

Tgt Ion: 96 Resp: 61860
 Ion Ratio Lower Upper
 96 100
 61 165.2 116.3 216.1
 63 121.9 86.0 159.6





#13

Acetone

Concen: 52.679 ug/L

RT: 2.178 min Scan# 3

Delta R.T. -0.006 min

Lab File: VV024797.D

Acq: 22 Feb 2022 15:09

Instrument :

MSVOA_V

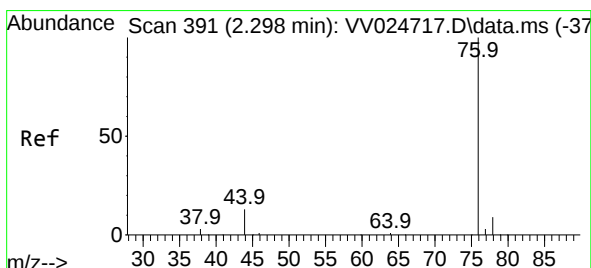
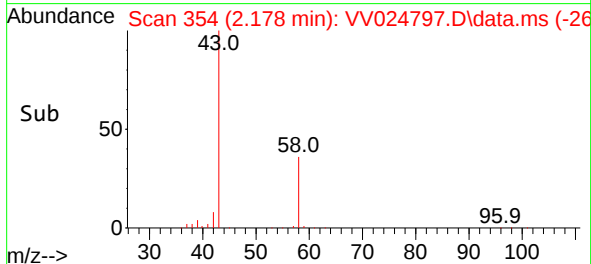
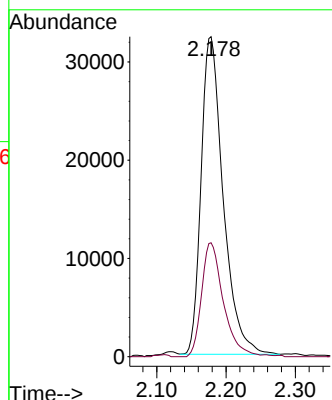
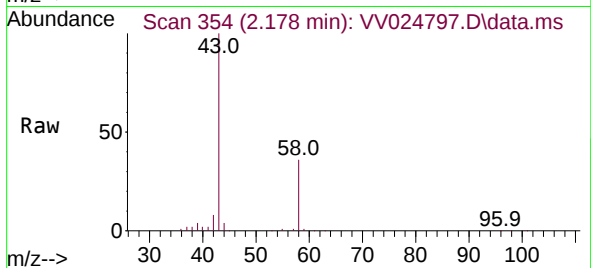
ClientSampleId :

Tgt Ion: 43 Resp: 71622

Ion Ratio Lower Upper

43 100

58 35.3 0.0 63.6



#14

Carbon disulfide

Concen: 5.195 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

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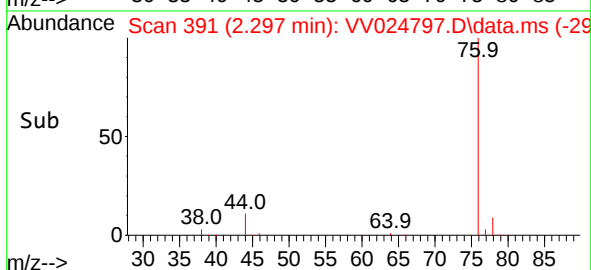
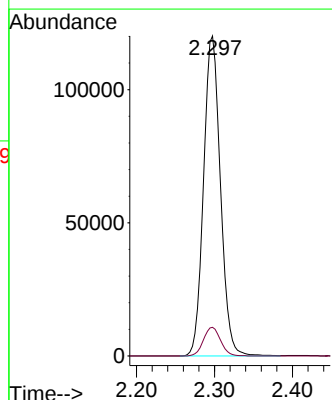
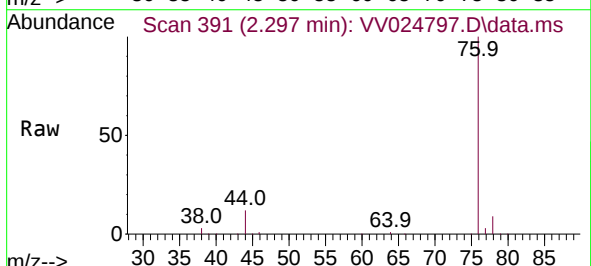
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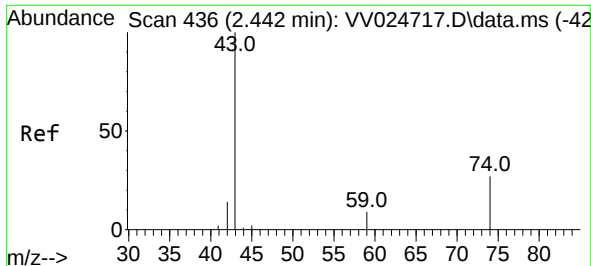
Tgt Ion: 76 Resp: 180673

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

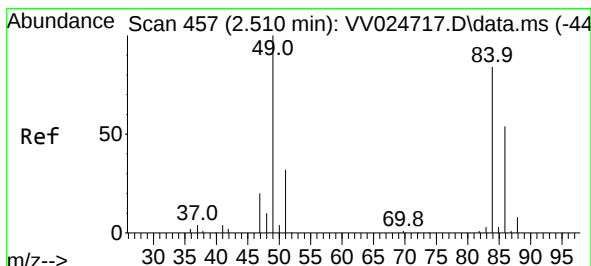
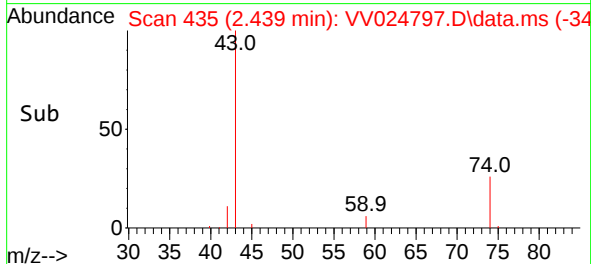
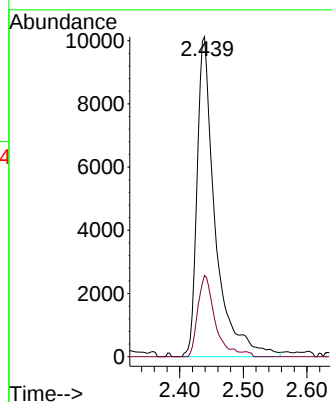
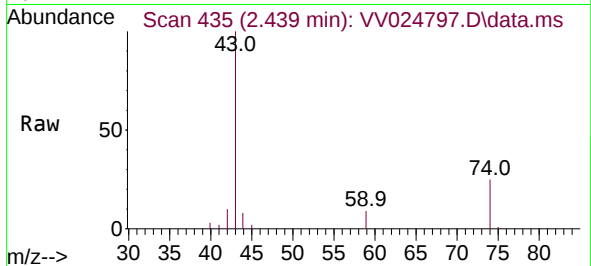




#15
Methyl Acetate
Concen: 5.641 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV024797.D
Acq: 22 Feb 2022 15:09

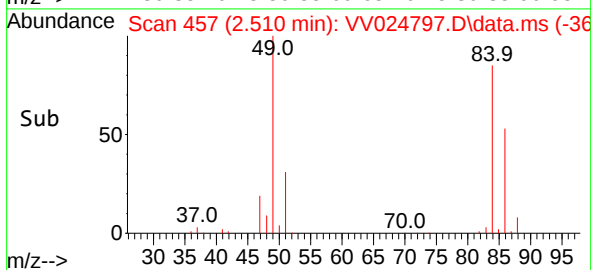
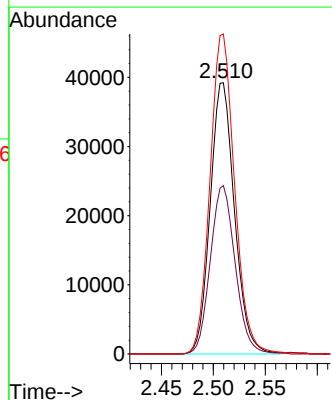
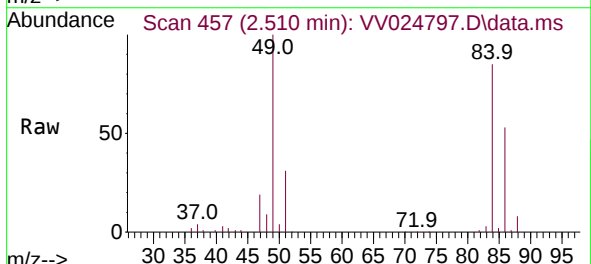
Instrument :
MSVOA_V
ClientSampleId :

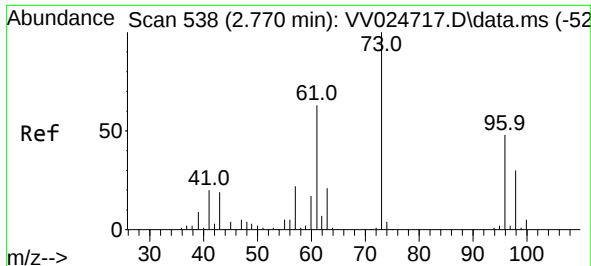
Tgt Ion: 43 Resp: 20078
Ion Ratio Lower Upper
43 100
74 23.9 20.8 31.2



#16
Methylene chloride
Concen: 5.228 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV024797.D
Acq: 22 Feb 2022 15:09

Tgt Ion: 84 Resp: 63799
Ion Ratio Lower Upper
84 100
86 62.0 45.1 83.7
49 118.0 83.5 155.1

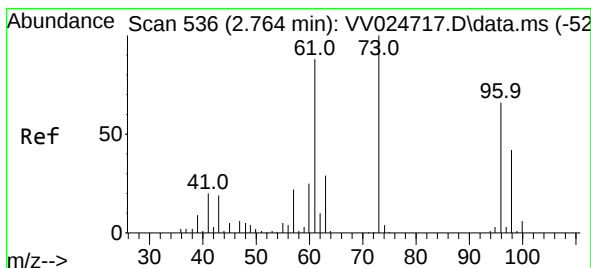
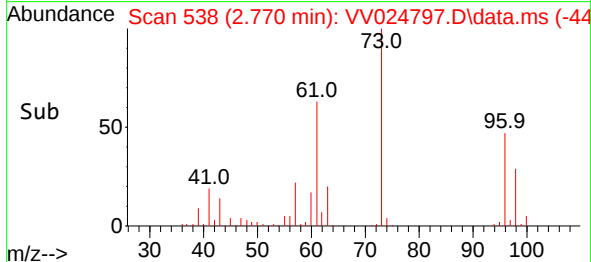
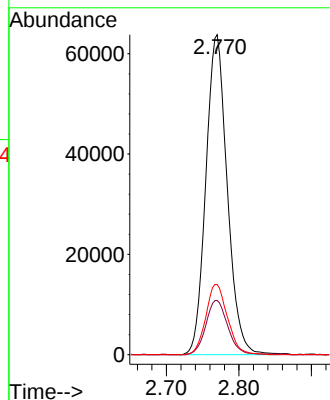
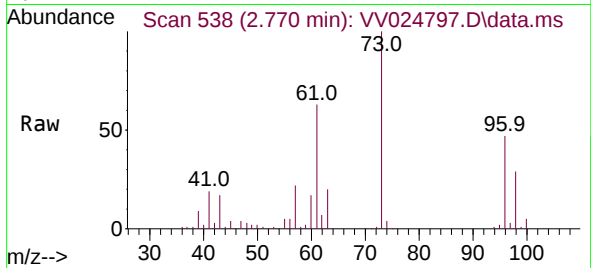




#17
Methyl tert-butyl Ether
Concen: 5.365 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024797.D
Acq: 22 Feb 2022 15:09

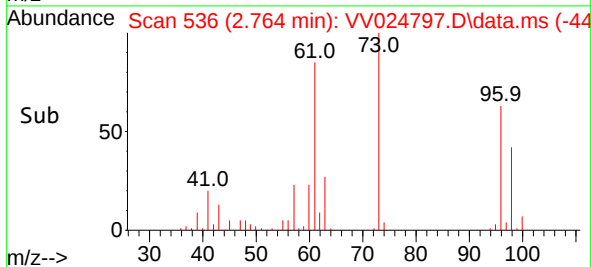
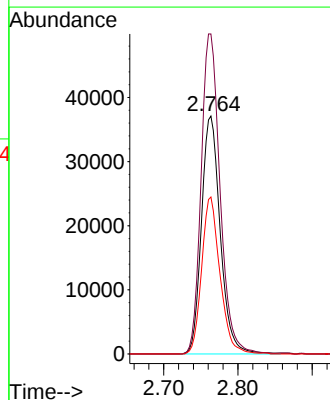
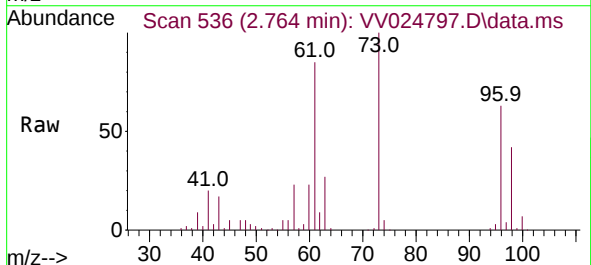
Instrument :
MSVOA_V
ClientSampleId :

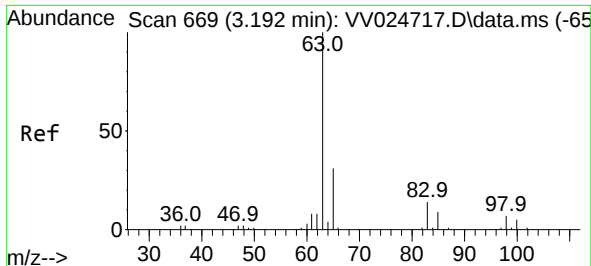
Tgt Ion: 73 Resp: 130691
Ion Ratio Lower Upper
73 100
43 17.3 15.1 22.7
57 22.3 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 5.390 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV024797.D
Acq: 22 Feb 2022 15:09

Tgt Ion: 96 Resp: 65233
Ion Ratio Lower Upper
96 100
61 134.5 92.9 172.5
98 66.0 44.5 82.7





#19

1,1-Dichloroethane

Concen: 5.359 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV024797.D

Acq: 22 Feb 2022 15:09

Instrument :

MSVOA_V

ClientSampleId :

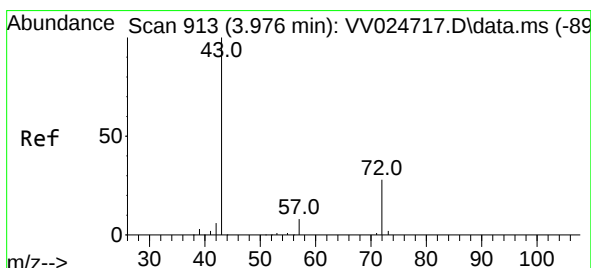
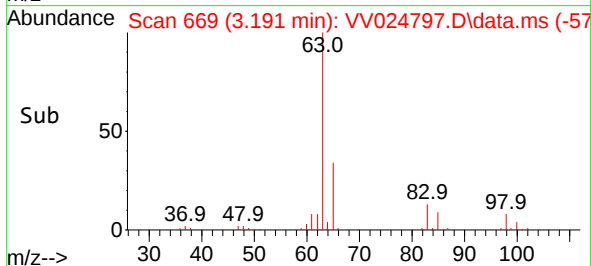
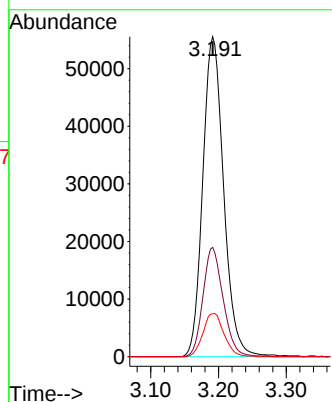
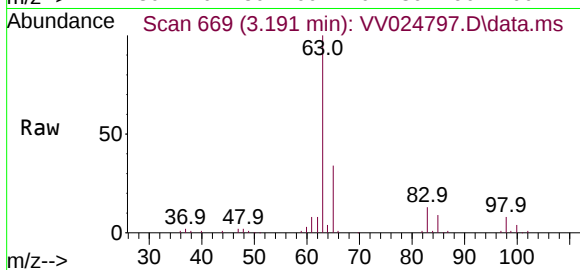
Tgt Ion: 63 Resp: 118784

Ion Ratio Lower Upper

63 100

65 34.1 22.0 40.8

83 13.4 9.5 17.7



#21

2-Butanone

Concen: 56.861 ug/L

RT: 3.969 min Scan# 911

Delta R.T. -0.000 min

Lab File: VV024797.D

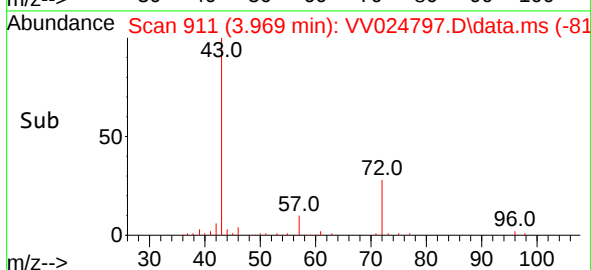
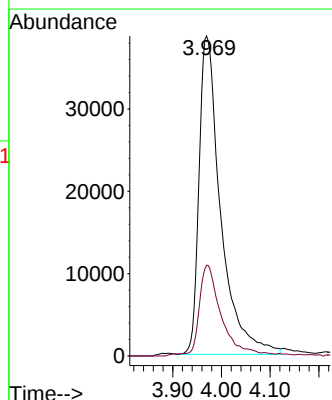
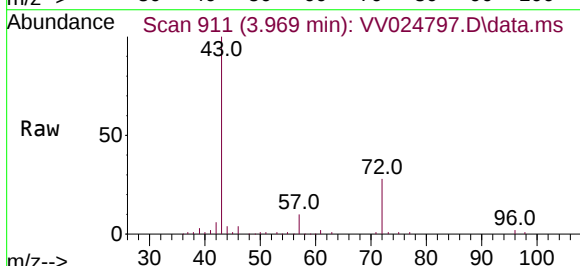
Acq: 22 Feb 2022 15:09

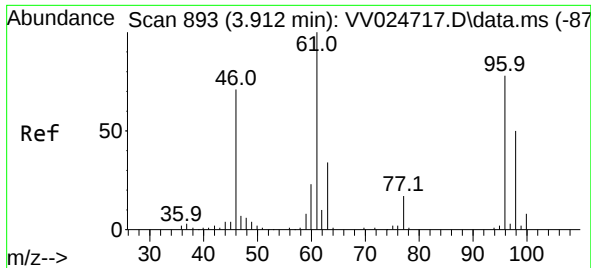
Tgt Ion: 43 Resp: 119466

Ion Ratio Lower Upper

43 100

72 26.6 13.2 39.6





#22

cis-1,2-Dichloroethene

Concen: 6.002 ug/L

RT: 3.911 min Scan# 893

Delta R.T. 0.006 min

Lab File: VV024797.D

Acq: 22 Feb 2022 15:09

Instrument :

MSVOA_V

ClientSampleId :

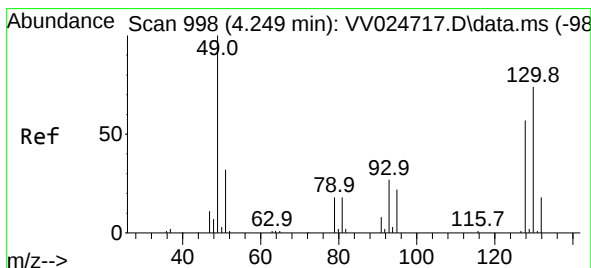
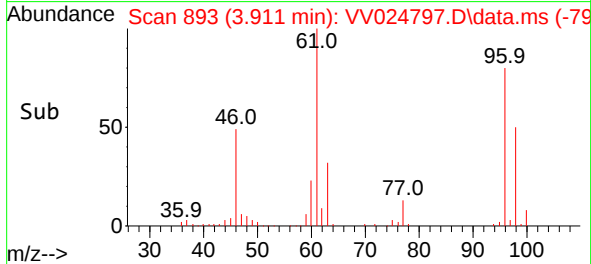
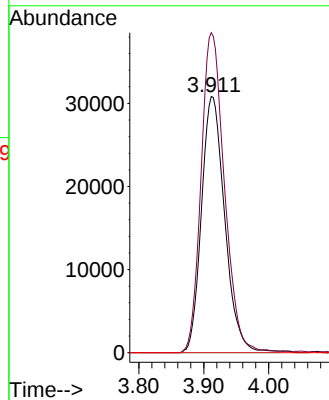
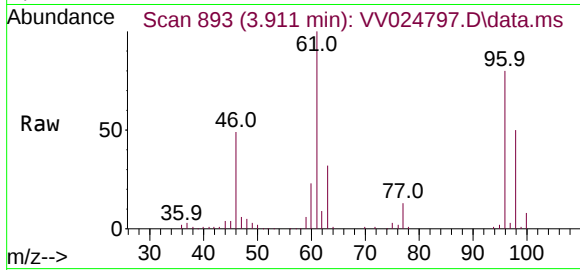
Tgt Ion: 96 Resp: 76792

Ion Ratio Lower Upper

96 100

61 124.9 89.7 166.5

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.542 ug/L

RT: 4.249 min Scan# 998

Delta R.T. 0.006 min

Lab File: VV024797.D

Acq: 22 Feb 2022 15:09

Tgt Ion: 128 Resp: 27404

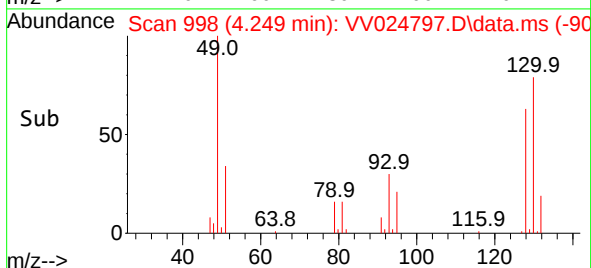
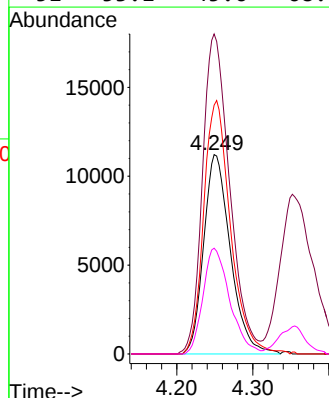
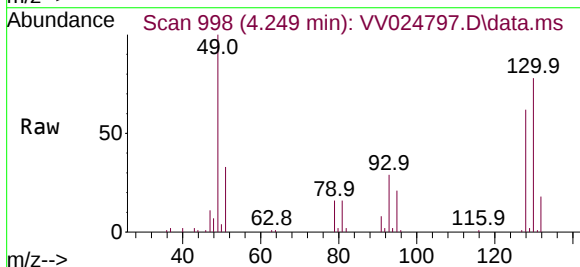
Ion Ratio Lower Upper

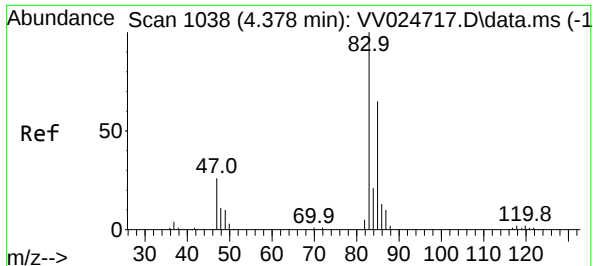
128 100

49 160.6 124.2 230.6

130 124.9 92.1 171.1

51 53.1 45.6 68.4





#25

Chloroform

Concen: 5.298 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV024797.D

Acq: 22 Feb 2022 15:09

Instrument :

MSVOA_V

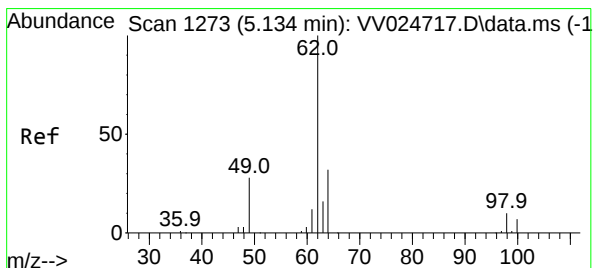
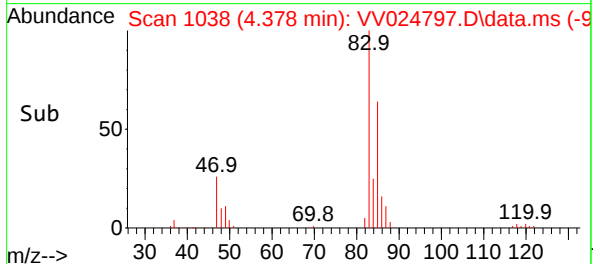
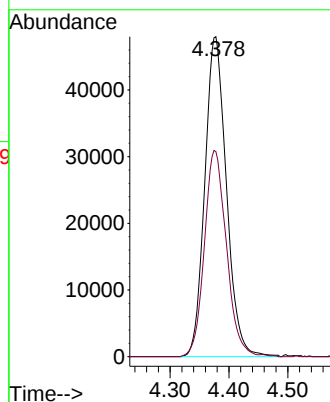
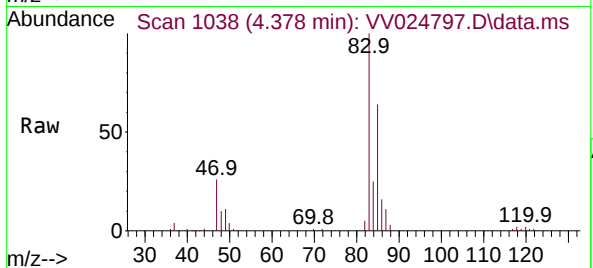
ClientSampleId :

Tgt Ion: 83 Resp: 122659

Ion Ratio Lower Upper

83 100

85 64.1 45.5 84.5



#27

1,2-Dichloroethane

Concen: 5.165 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VV024797.D

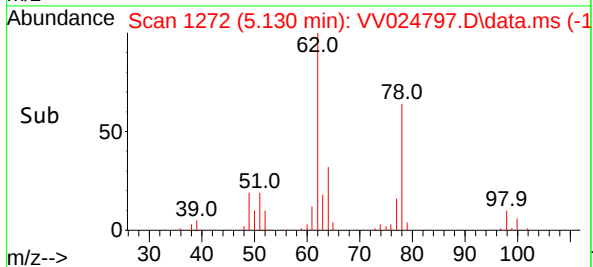
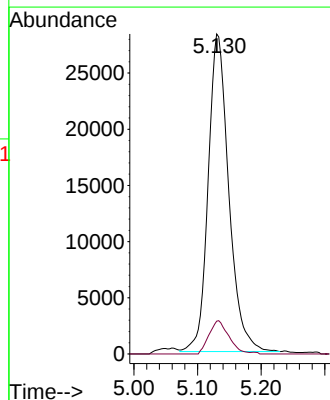
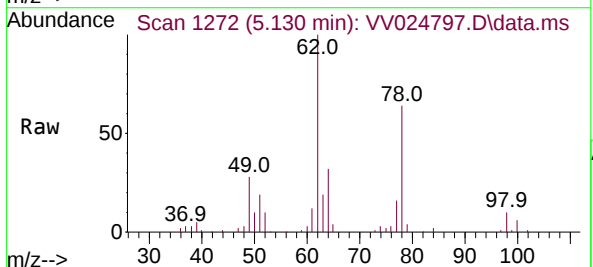
Acq: 22 Feb 2022 15:09

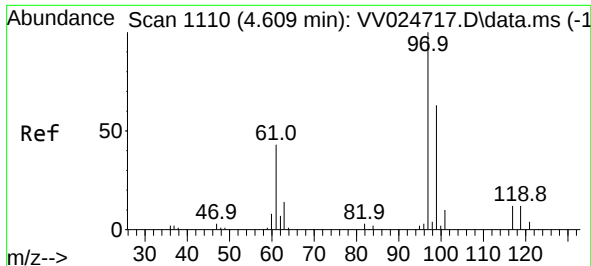
Tgt Ion: 62 Resp: 63818

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 5.441 ug/L

RT: 4.606 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV024797.D

Acq: 22 Feb 2022 15:09

Instrument :

MSVOA_V

ClientSampleId :

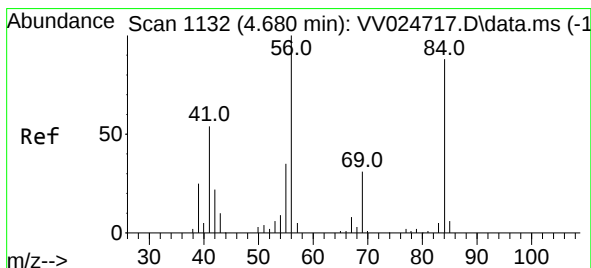
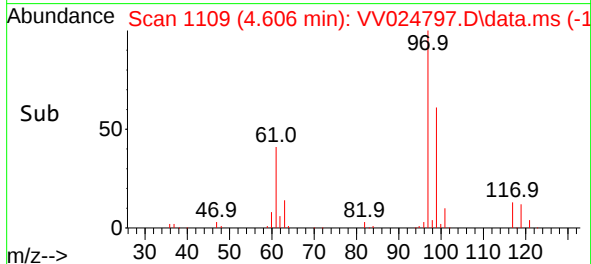
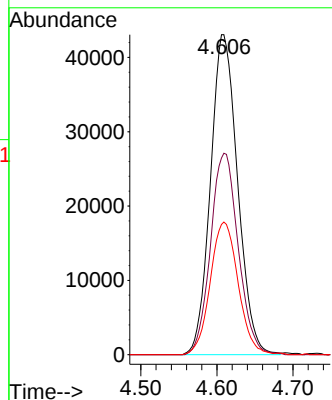
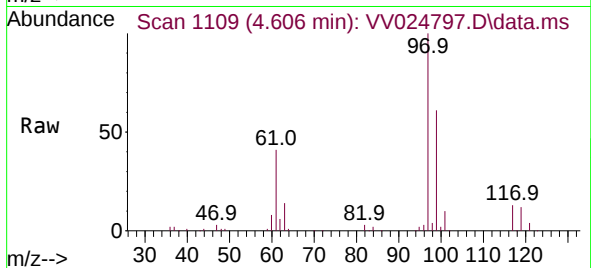
Tgt Ion: 97 Resp: 106909

Ion Ratio Lower Upper

97 100

99 64.3 50.5 75.7

61 42.6 35.8 53.6



#30

Cyclohexane

Concen: 5.270 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VV024797.D

Acq: 22 Feb 2022 15:09

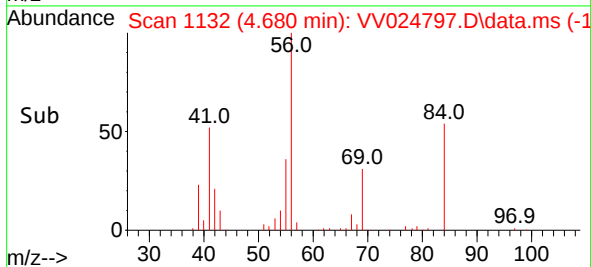
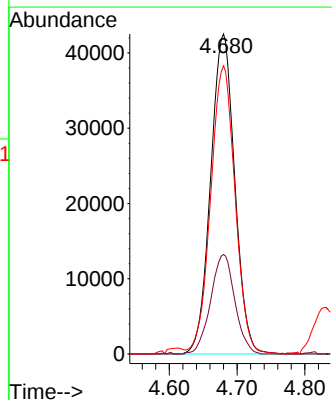
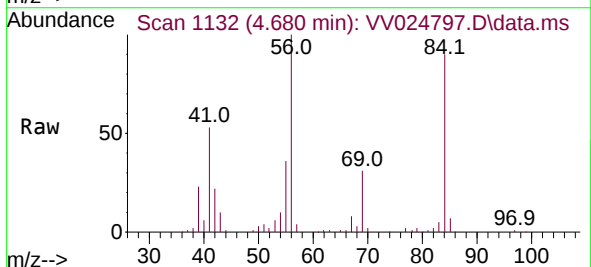
Tgt Ion: 56 Resp: 105037

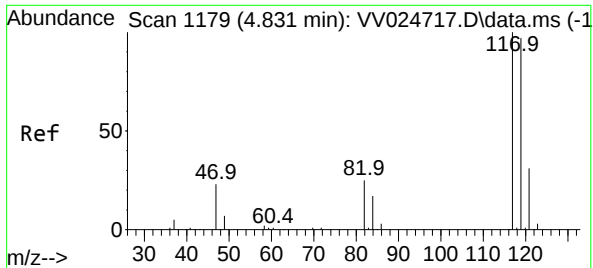
Ion Ratio Lower Upper

56 100

69 31.2 24.6 37.0

84 91.5 71.4 107.0

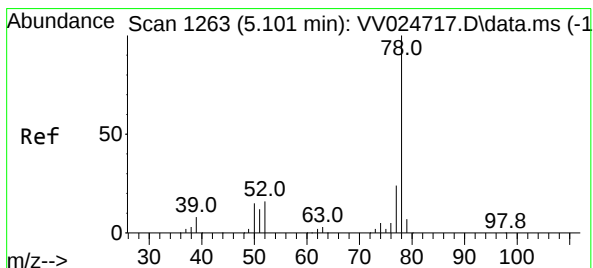
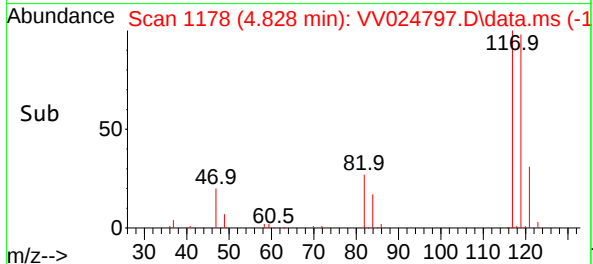
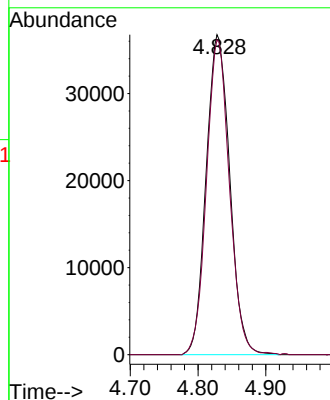
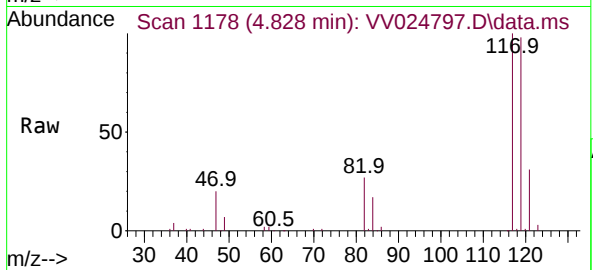




#31
Carbon tetrachloride
Concen: 5.394 ug/L
RT: 4.828 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV024797.D
Acq: 22 Feb 2022 15:09

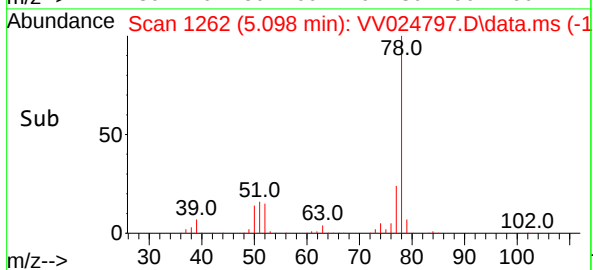
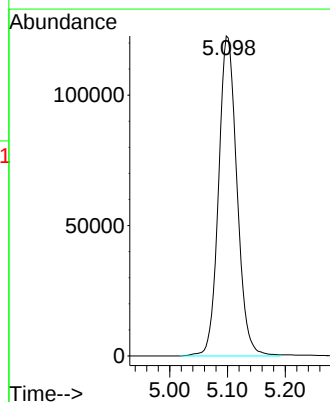
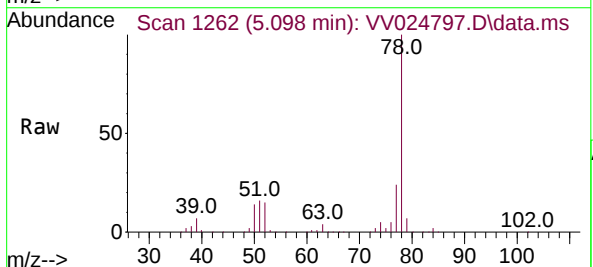
Instrument :
MSVOA_V
ClientSampleId :

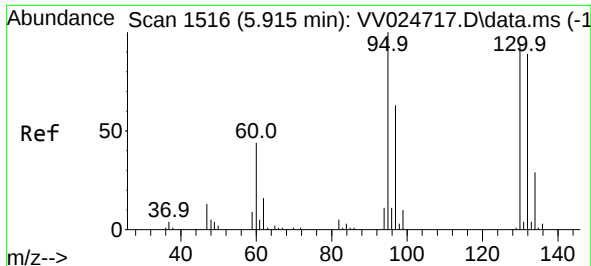
Tgt Ion:117 Resp: 89109
Ion Ratio Lower Upper
117 100
119 95.4 76.6 115.0



#33
Benzene
Concen: 5.477 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV024797.D
Acq: 22 Feb 2022 15:09

Tgt Ion: 78 Resp: 271489

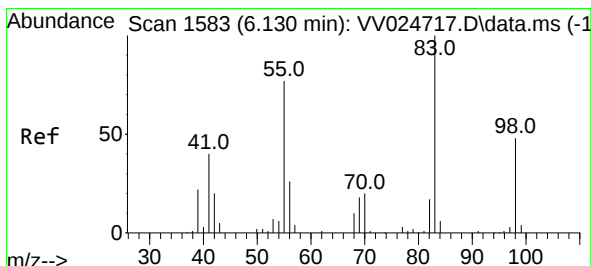
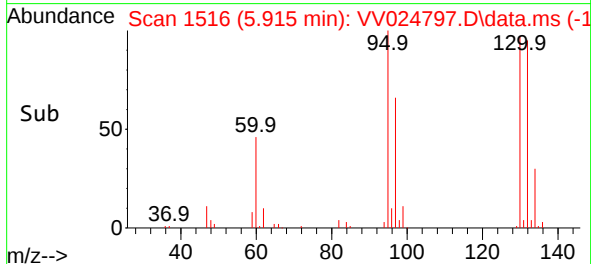
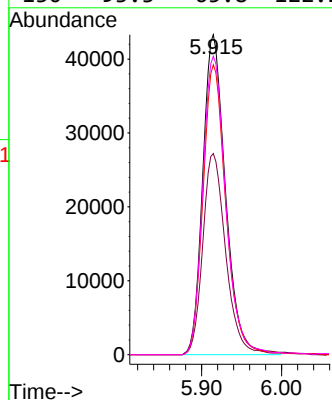
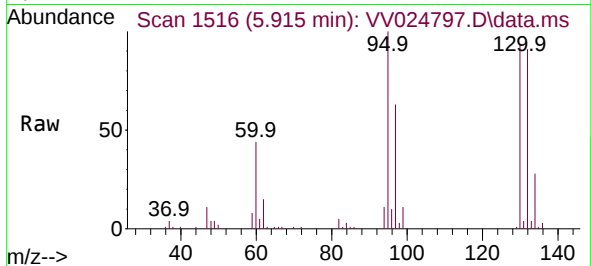




#34
Trichloroethene
Concen: 6.517 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV024797.D
Acq: 22 Feb 2022 15:09

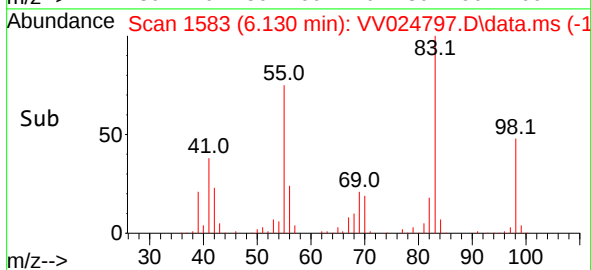
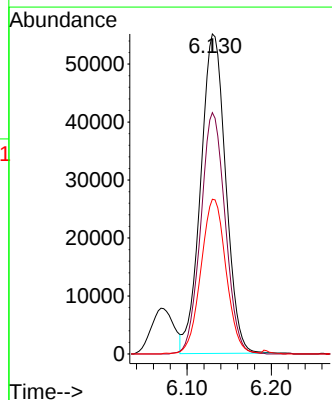
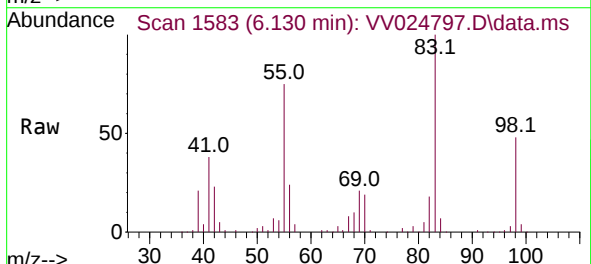
Instrument :
MSVOA_V
ClientSampleId :

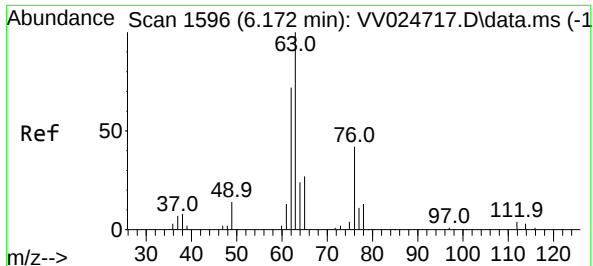
Tgt Ion: 95 Resp: 85579
Ion Ratio Lower Upper
95 100
97 62.9 44.2 82.0
132 90.6 62.1 115.3
130 93.3 65.8 122.2



#35
Methylcyclohexane
Concen: 5.370 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV024797.D
Acq: 22 Feb 2022 15:09

Tgt Ion: 83 Resp: 113923
Ion Ratio Lower Upper
83 100
55 73.8 58.8 88.2
98 48.8 38.6 58.0





#37

1,2-Dichloropropane

Concen: 5.637 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024797.D

Acq: 22 Feb 2022 15:09

Instrument :

MSVOA_V

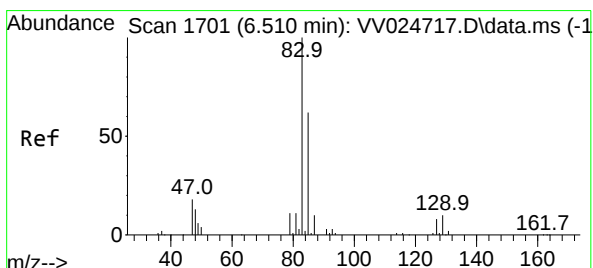
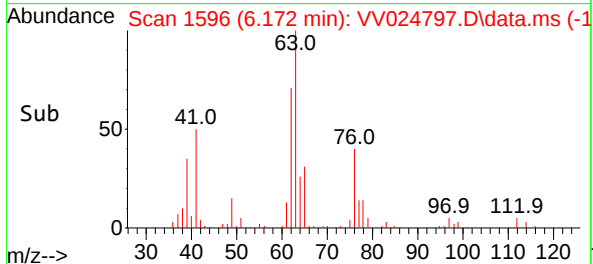
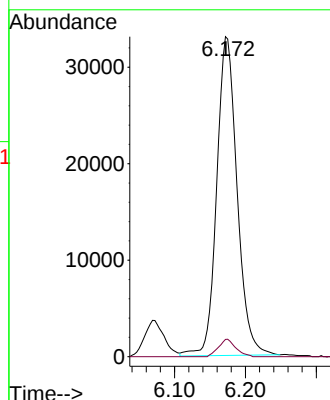
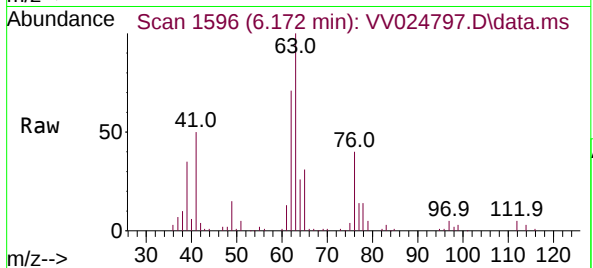
ClientSampleId :

Tgt Ion: 63 Resp: 66021

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 5.401 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV024797.D

Acq: 22 Feb 2022 15:09

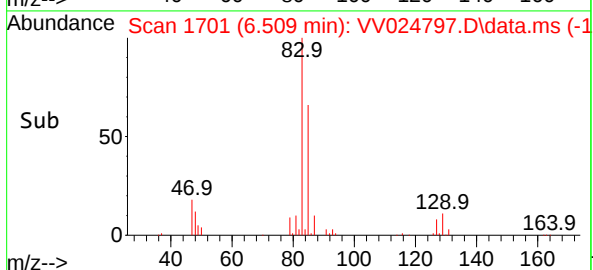
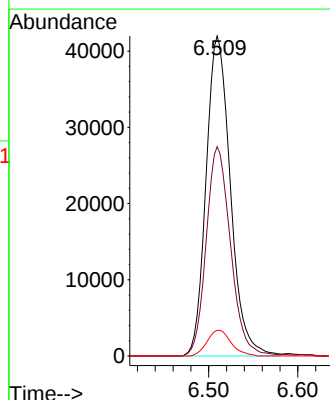
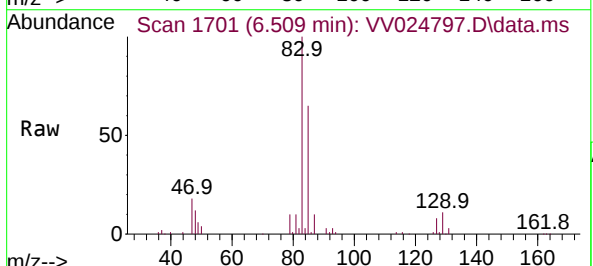
Tgt Ion: 83 Resp: 79626

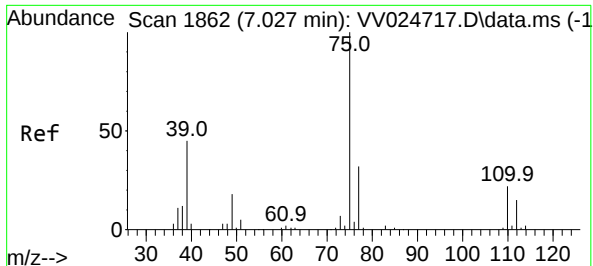
Ion Ratio Lower Upper

83 100

85 65.4 43.5 80.9

127 8.0 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.505 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV024797.D

Acq: 22 Feb 2022 15:09

Instrument :

MSVOA_V

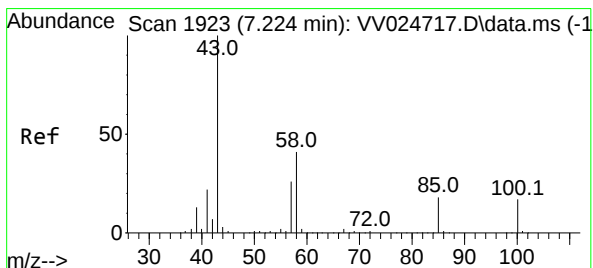
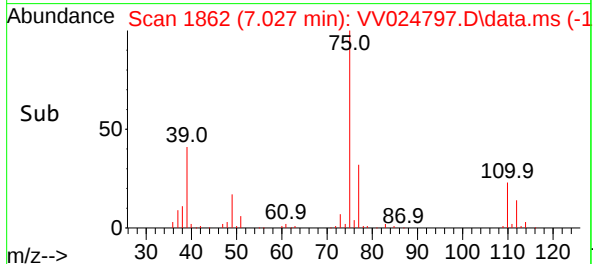
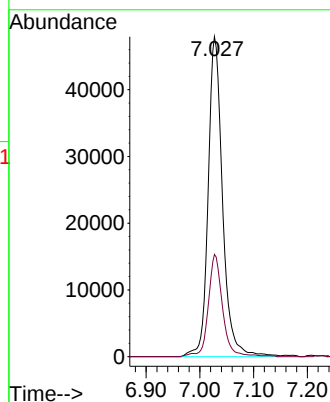
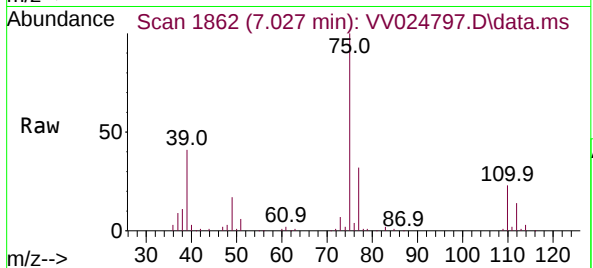
ClientSampleId :

Tgt Ion: 75 Resp: 89415

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 54.808 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV024797.D

Acq: 22 Feb 2022 15:09

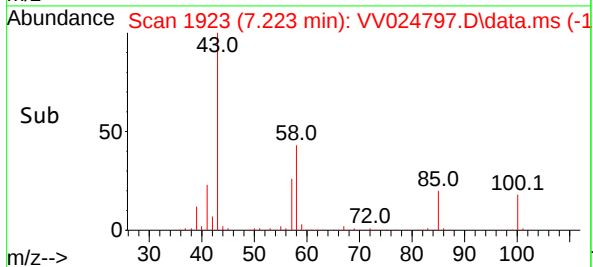
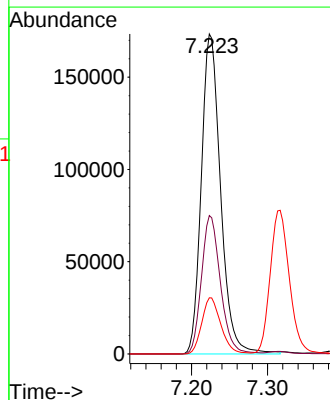
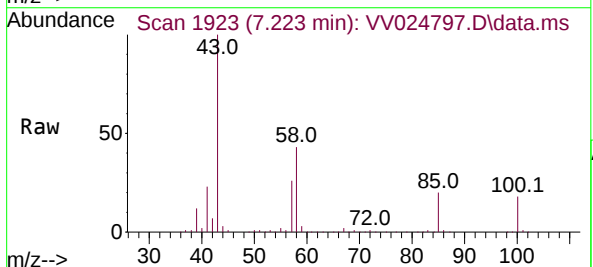
Tgt Ion: 43 Resp: 305338

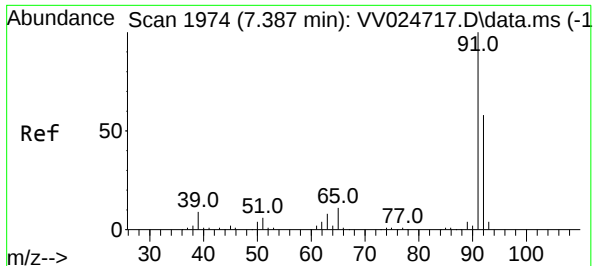
Ion Ratio Lower Upper

43 100

58 42.6 33.0 49.6

100 17.4 13.3 19.9





#42

Toluene

Concen: 5.464 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV024797.D

Acq: 22 Feb 2022 15:09

Instrument :

MSVOA_V

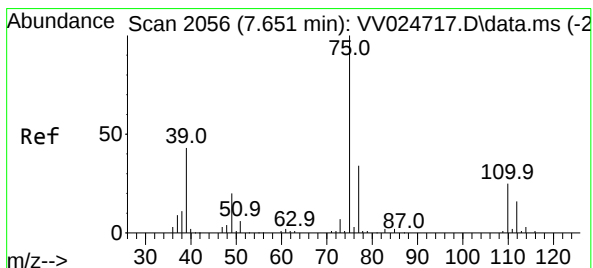
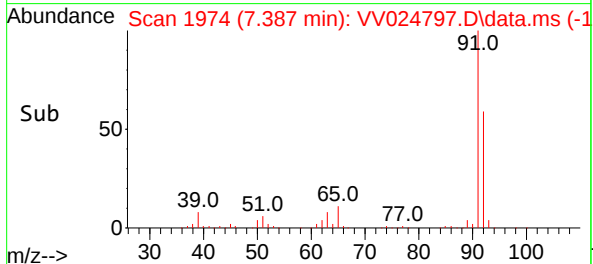
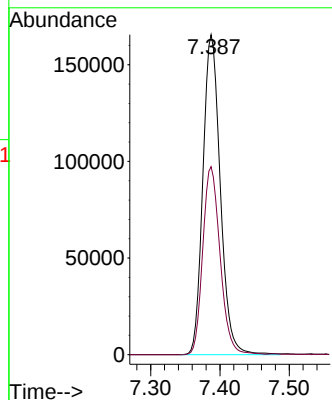
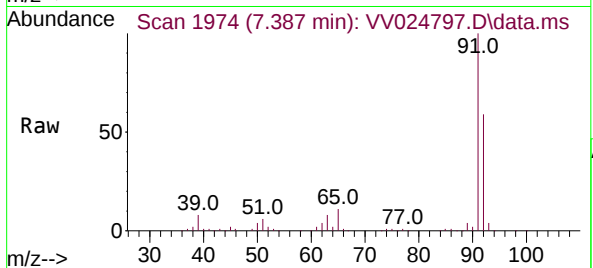
ClientSampleId :

Tgt Ion: 91 Resp: 288341

Ion Ratio Lower Upper

91 100

92 58.8 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.336 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV024797.D

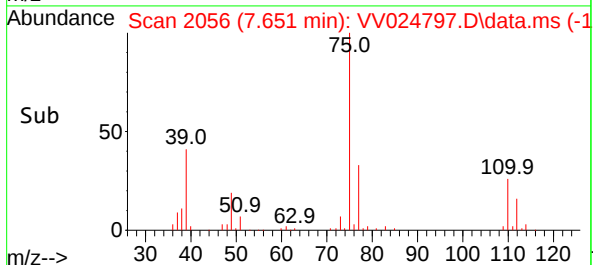
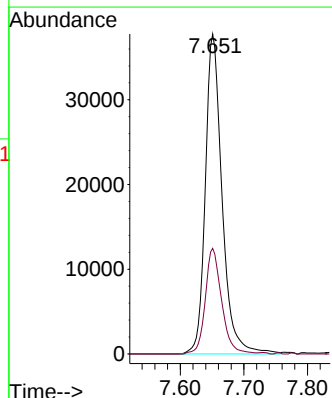
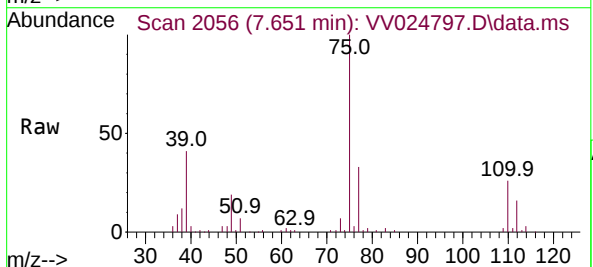
Acq: 22 Feb 2022 15:09

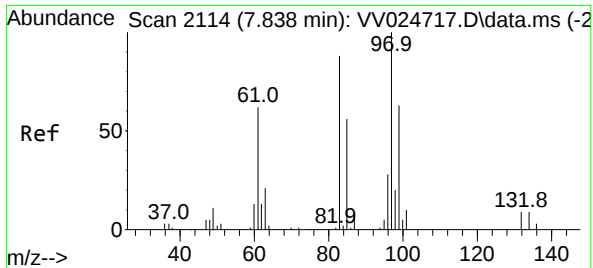
Tgt Ion: 75 Resp: 69261

Ion Ratio Lower Upper

75 100

77 33.0 23.5 43.7

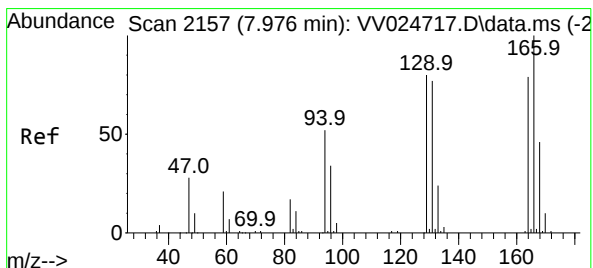
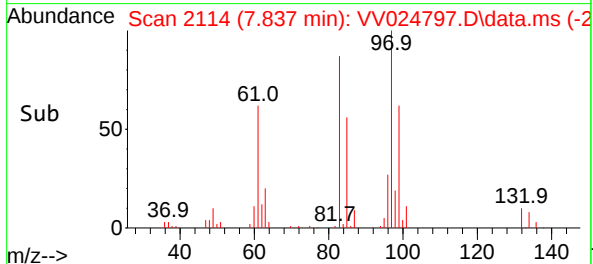
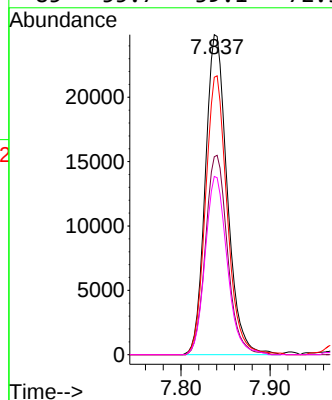
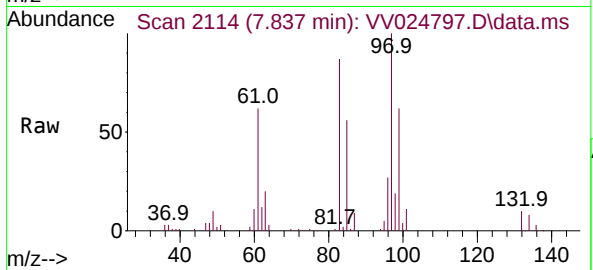




#45
1,1,2-Trichloroethane
Concen: 5.594 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV024797.D
Acq: 22 Feb 2022 15:09

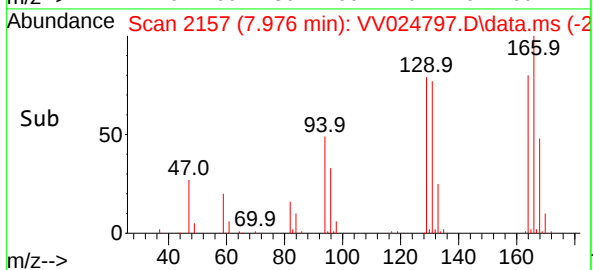
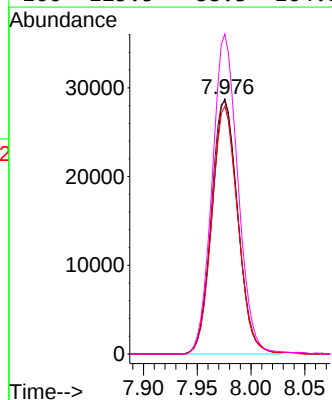
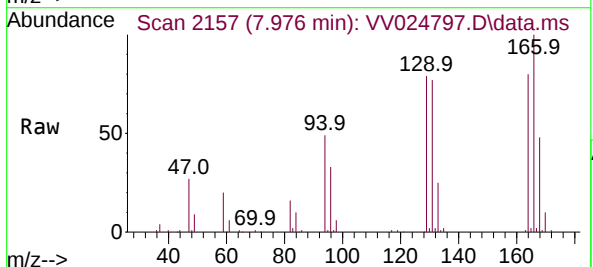
Instrument :
MSVOA_V
ClientSampleId :

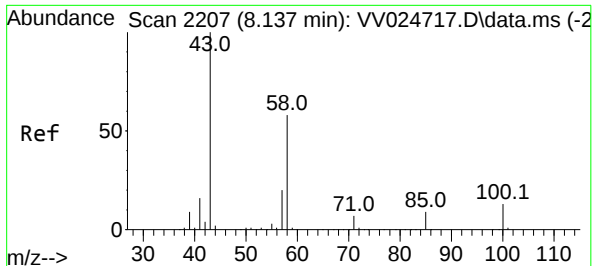
Tgt Ion:	97	Resp:	42623
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.8	81.3
83	86.7	61.3	113.9
85	55.7	39.1	72.5



#47
Tetrachloroethene
Concen: 5.381 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024797.D
Acq: 22 Feb 2022 15:09

Tgt Ion:	164	Resp:	48113
Ion	Ratio	Lower	Upper
164	100		
129	99.0	70.3	130.7
131	97.2	67.7	125.7
166	125.5	88.3	164.1

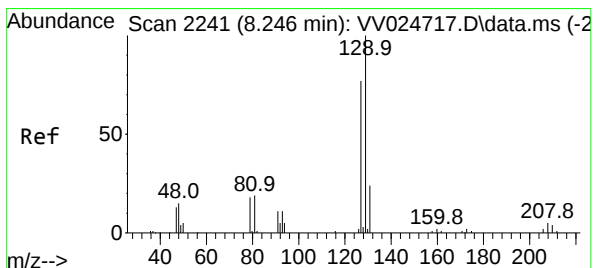
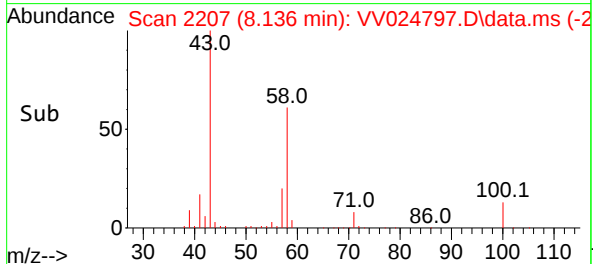
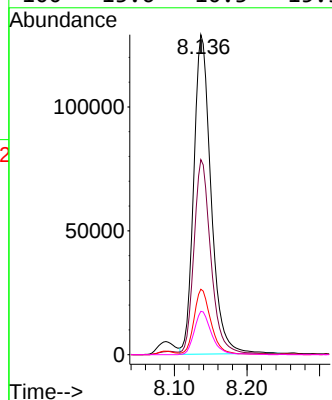
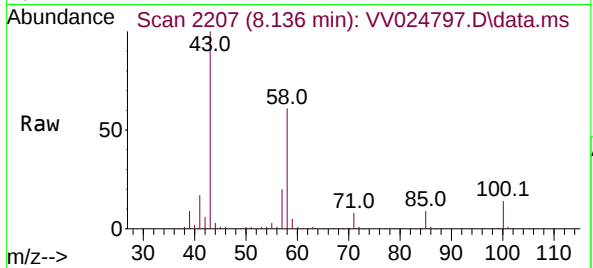




#48
2-Hexanone
Concen: 54.482 ug/L
RT: 8.136 min Scan# 213406
Delta R.T. 0.003 min
Lab File: VV024797.D
Acq: 22 Feb 2022 15:09

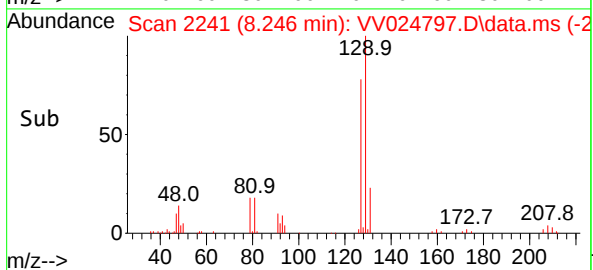
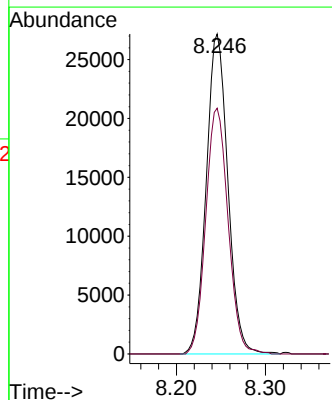
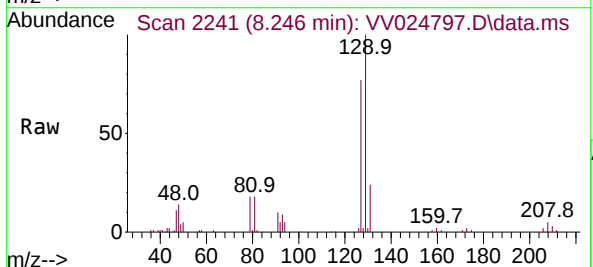
Instrument :
MSVOA_V
ClientSampleId :

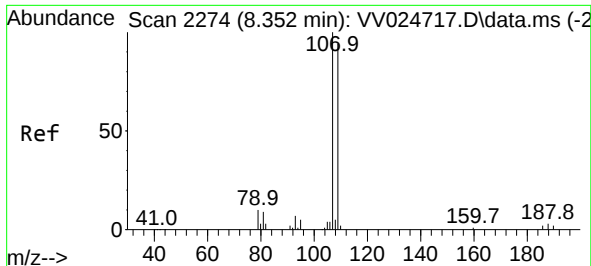
Tgt Ion:	43	Resp:	213406
Ion	Ratio	Lower	Upper
43	100		
58	59.4	46.0	69.0
57	20.0	15.7	23.5
100	13.6	10.3	15.5



#49
Dibromochloromethane
Concen: 5.402 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024797.D
Acq: 22 Feb 2022 15:09

Tgt Ion:	129	Resp:	45676
Ion	Ratio	Lower	Upper
129	100		
127	76.8	53.6	99.6





#50

1,2-Dibromoethane

Concen: 5.573 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024797.D

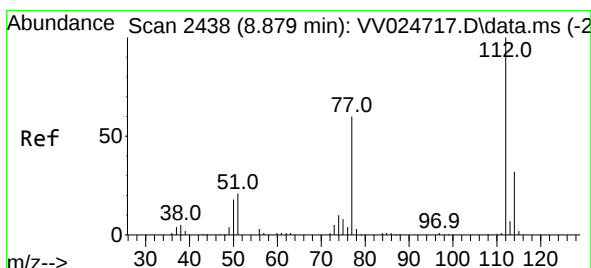
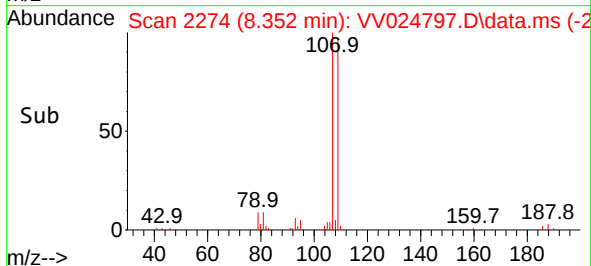
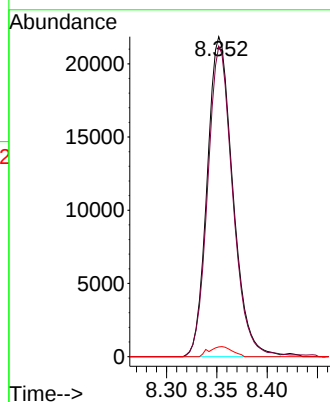
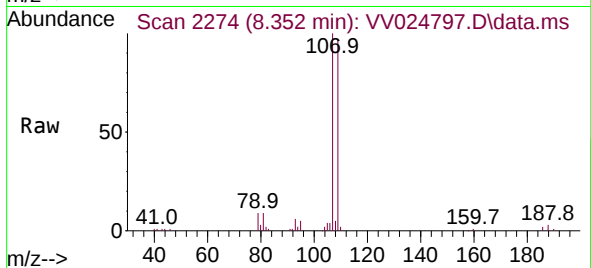
Acq: 22 Feb 2022 15:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	38747
Ion	Ratio	Lower	Upper
107	100		
109	97.0	65.6	121.8
188	3.0	2.6	3.8



#51

Chlorobenzene

Concen: 5.405 ug/L

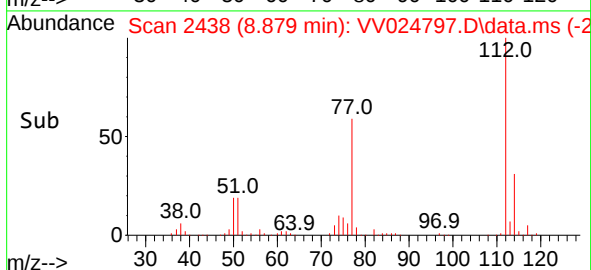
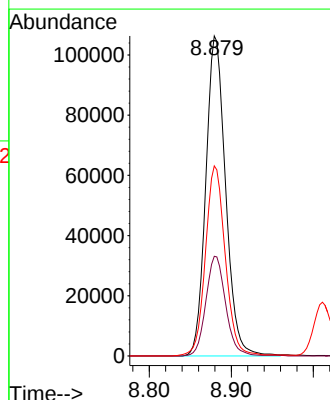
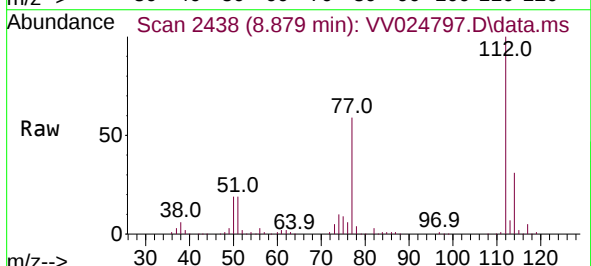
RT: 8.879 min Scan# 2438

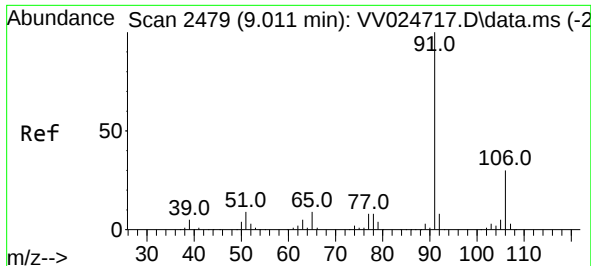
Delta R.T. 0.003 min

Lab File: VV024797.D

Acq: 22 Feb 2022 15:09

Tgt Ion:	112	Resp:	178453
Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.3	41.5
77	59.4	48.4	72.6





#52

Ethylbenzene

Concen: 5.451 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV024797.D

Acq: 22 Feb 2022 15:09

Instrument :

MSVOA_V

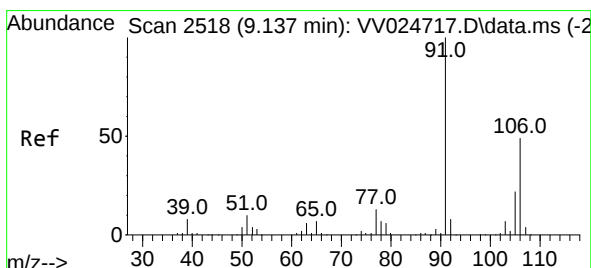
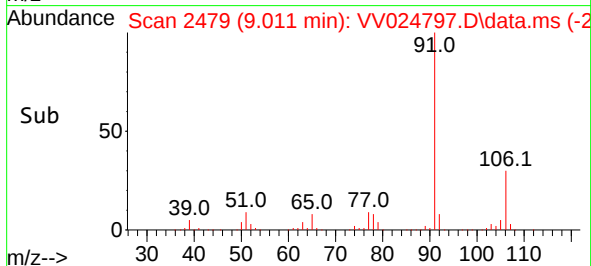
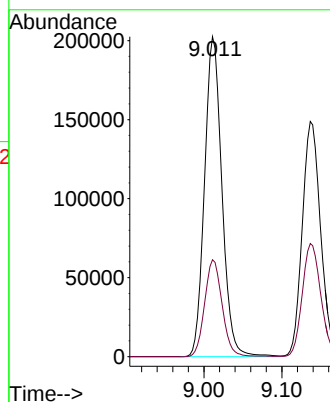
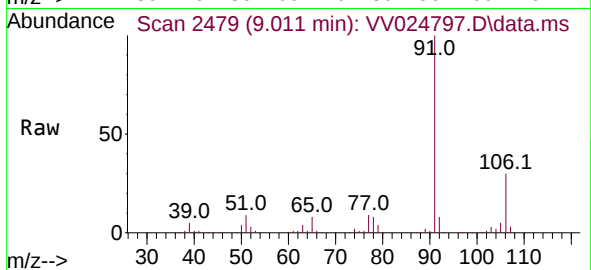
ClientSampleId :

Tgt Ion: 91 Resp: 313955

Ion Ratio Lower Upper

91 100

106 30.3 21.3 39.5



#53

m,p-xylene

Concen: 5.525 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.003 min

Lab File: VV024797.D

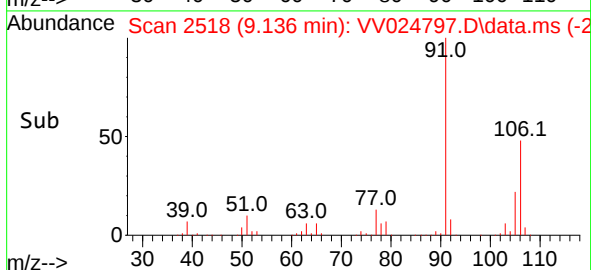
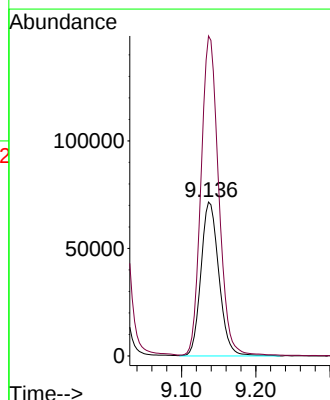
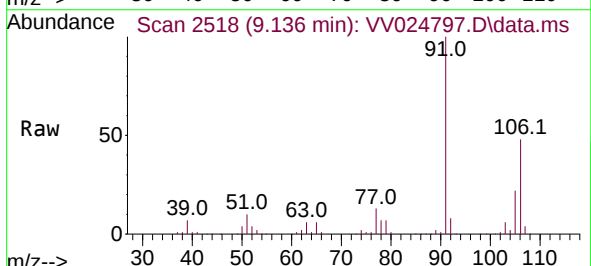
Acq: 22 Feb 2022 15:09

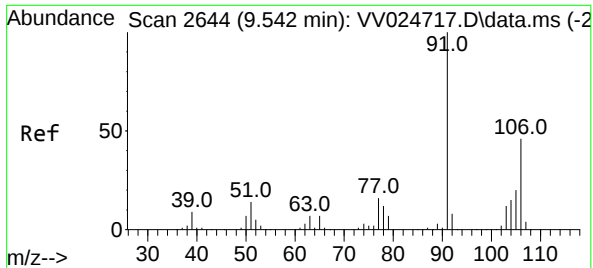
Tgt Ion:106 Resp: 120300

Ion Ratio Lower Upper

106 100

91 207.8 143.6 266.6

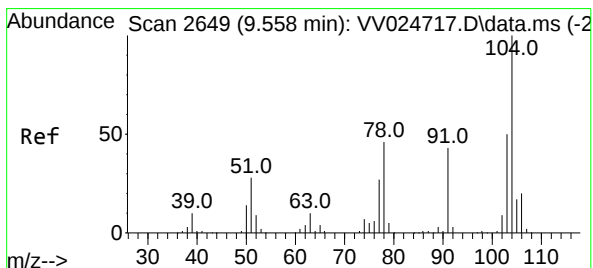
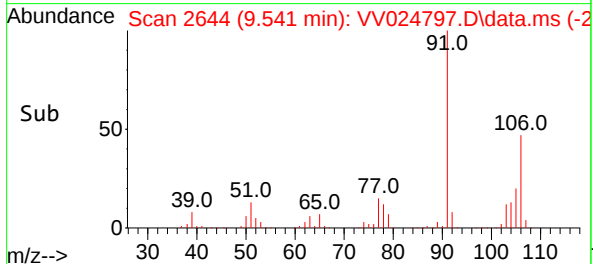
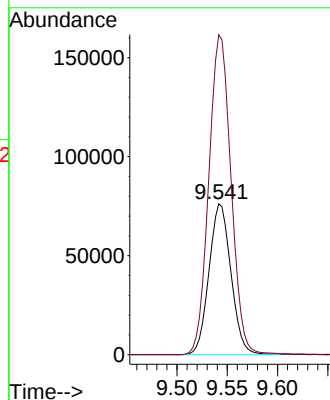
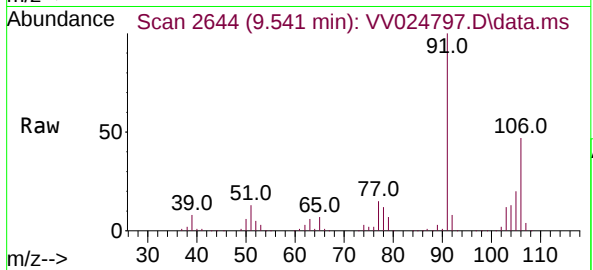




#54
o-xylene
Concen: 5.443 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV024797.D
Acq: 22 Feb 2022 15:09

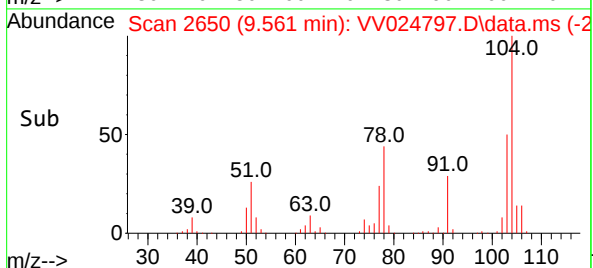
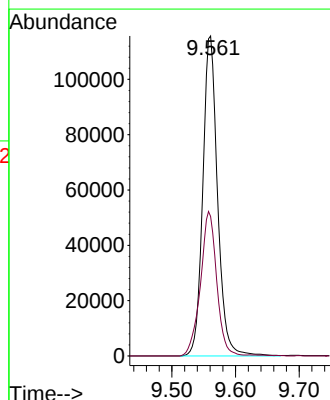
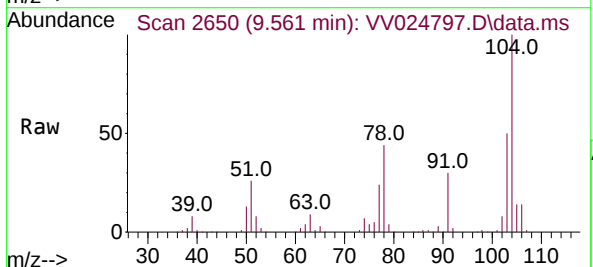
Instrument :
MSVOA_V
ClientSampleId :

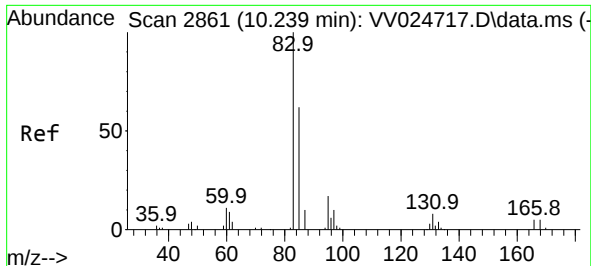
Tgt Ion:106 Resp: 115815
Ion Ratio Lower Upper
106 100
91 212.2 152.2 282.7



#55
Styrene
Concen: 5.389 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV024797.D
Acq: 22 Feb 2022 15:09

Tgt Ion:104 Resp: 186519
Ion Ratio Lower Upper
104 100
78 43.6 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.378 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV024797.D

Acq: 22 Feb 2022 15:09

Instrument :

MSVOA_V

ClientSampleId :

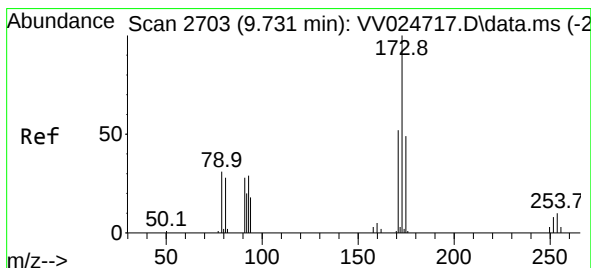
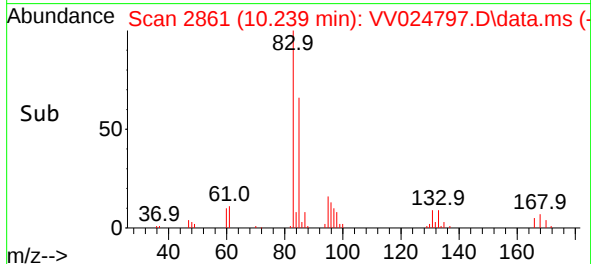
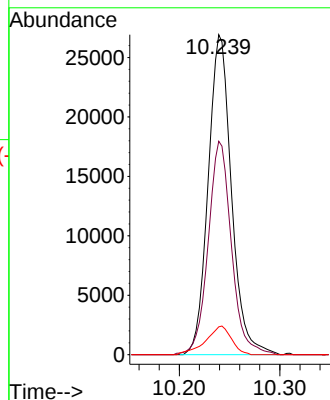
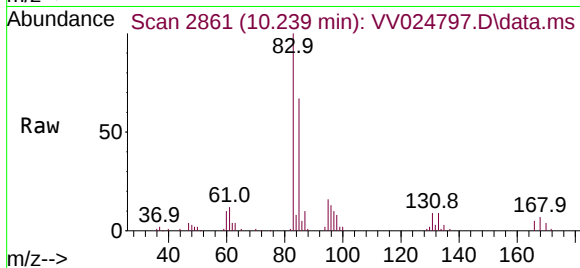
Tgt Ion: 83 Resp: 43334

Ion Ratio Lower Upper

83 100

85 66.7 43.9 81.5

131 8.7 7.0 10.4



#59

Bromoform

Concen: 5.289 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV024797.D

Acq: 22 Feb 2022 15:09

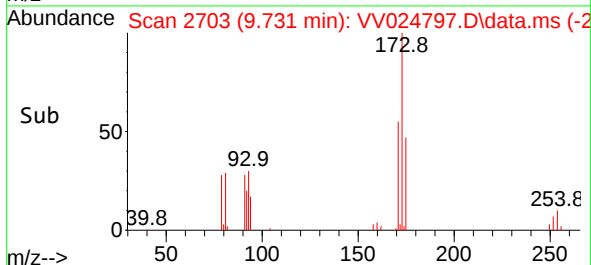
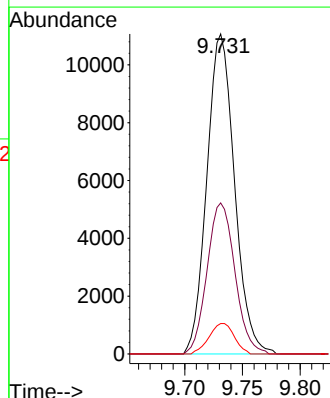
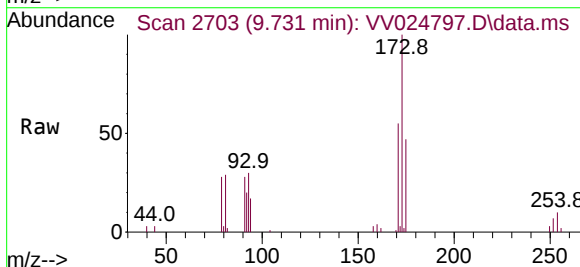
Tgt Ion: 173 Resp: 18438

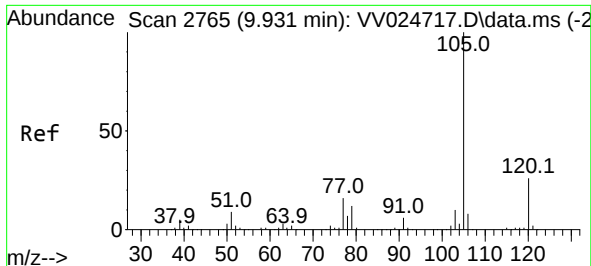
Ion Ratio Lower Upper

173 100

175 47.5 39.4 59.0

254 8.7 7.0 10.4

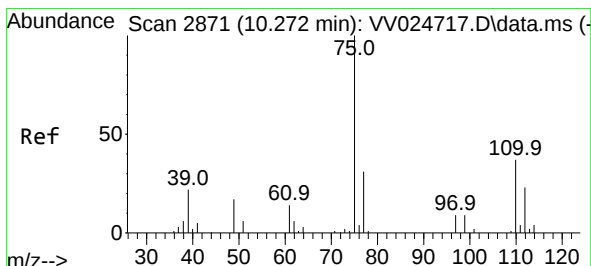
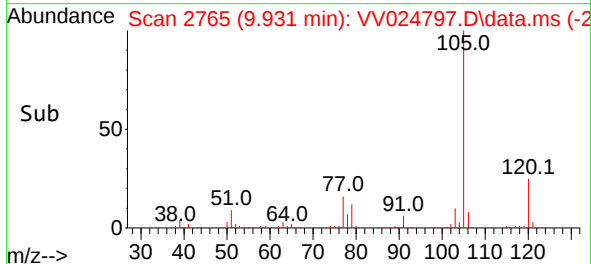
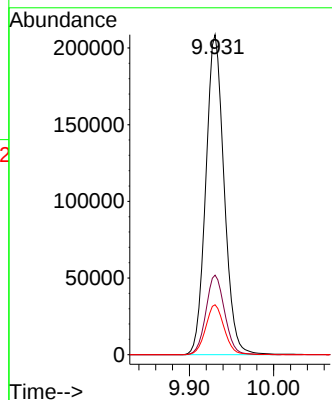
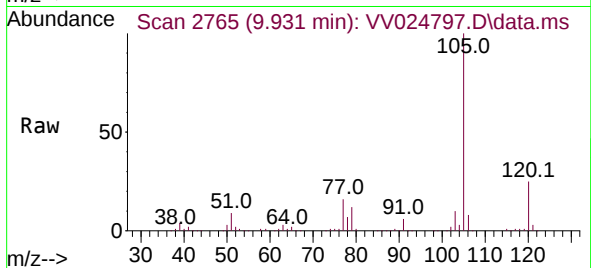




#60
Isopropylbenzene
Concen: 5.546 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV024797.D
Acq: 22 Feb 2022 15:09

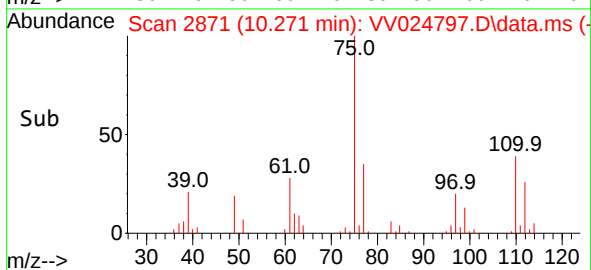
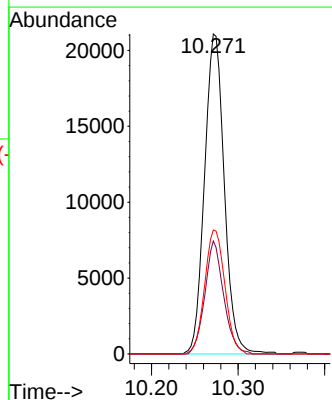
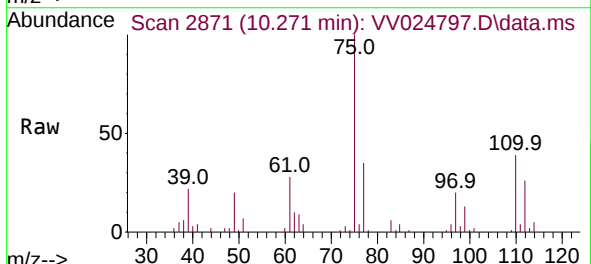
Instrument :
MSVOA_V
ClientSampleId :

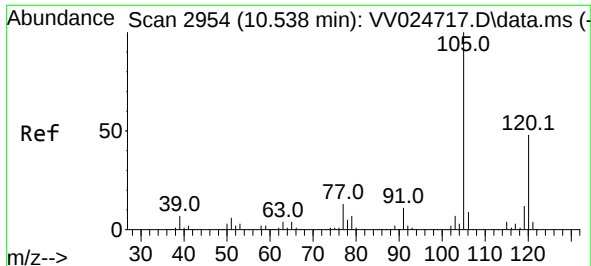
Tgt Ion:105 Resp: 315973
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1
77 15.8 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 5.366 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV024797.D
Acq: 22 Feb 2022 15:09

Tgt Ion: 75 Resp: 33494
Ion Ratio Lower Upper
75 100
77 33.5 26.3 39.5
110 39.4 30.3 45.5





#62

1,3,5-Trimethylbenzene

Concen: 5.468 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV024797.D

Acq: 22 Feb 2022 15:09

Instrument :

MSVOA_V

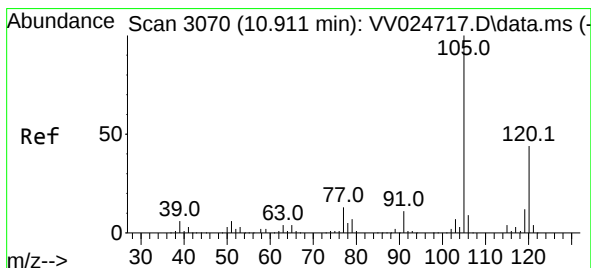
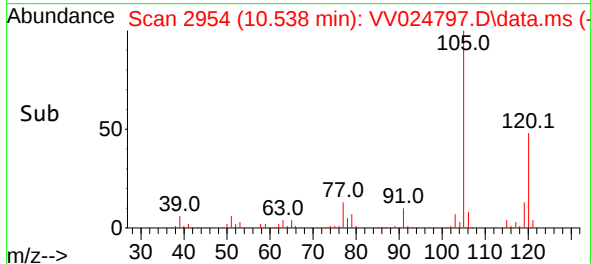
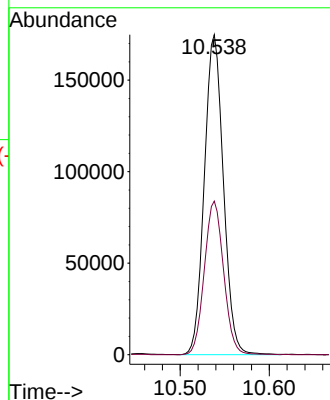
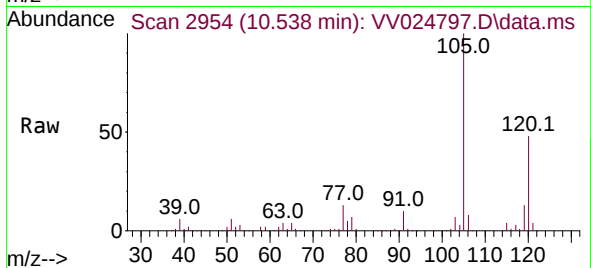
ClientSampleId :

Tgt Ion:105 Resp: 259664

Ion Ratio Lower Upper

105 100

120 48.5 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 5.483 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024797.D

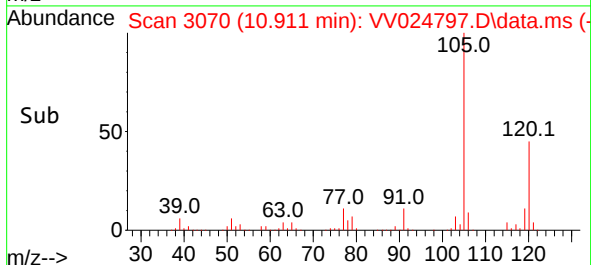
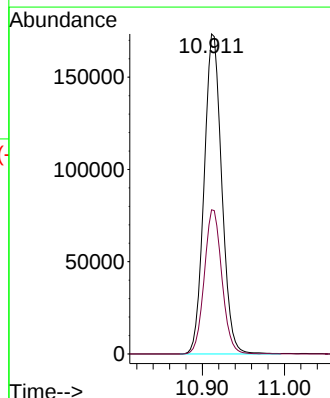
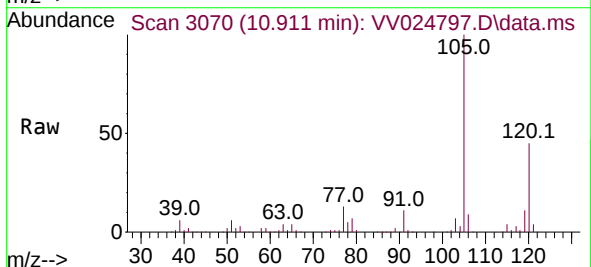
Acq: 22 Feb 2022 15:09

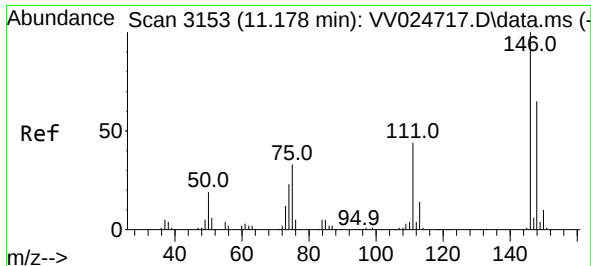
Tgt Ion:105 Resp: 258447

Ion Ratio Lower Upper

105 100

120 44.9 35.9 53.9

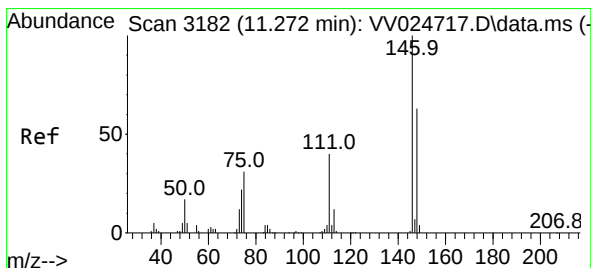
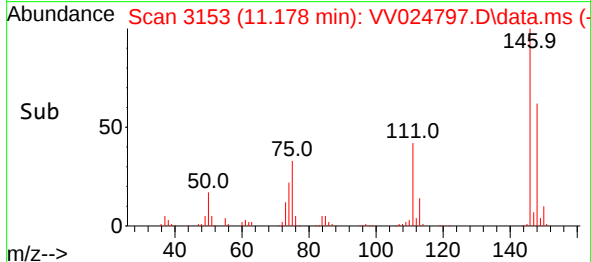
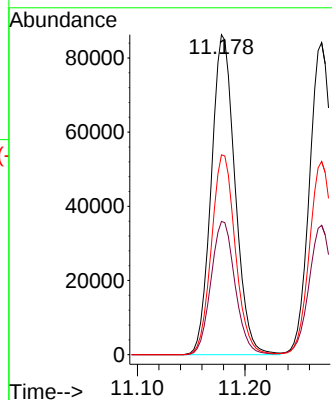
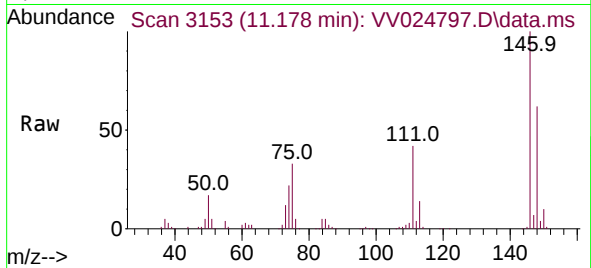




#64
1,3-Dichlorobenzene
Concen: 5.513 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024797.D
Acq: 22 Feb 2022 15:09

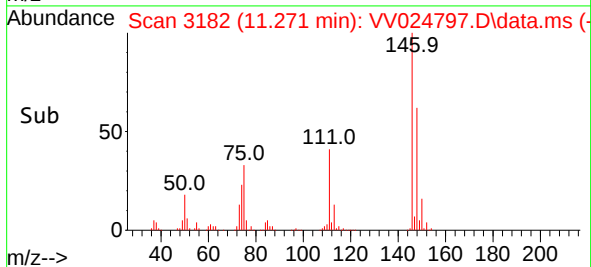
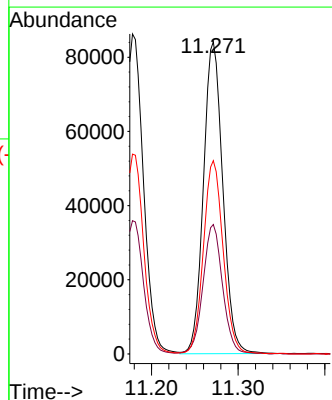
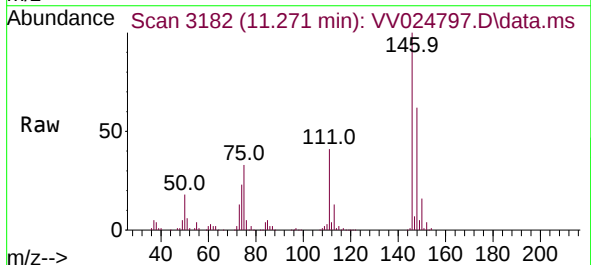
Instrument :
MSVOA_V
ClientSampleId :

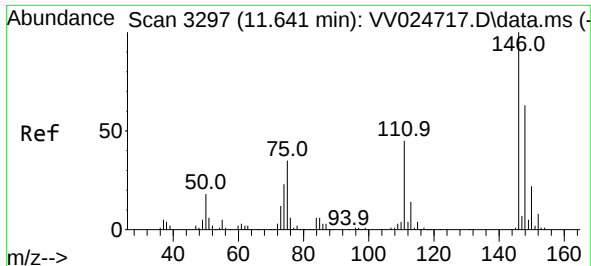
Tgt Ion:146 Resp: 132455
Ion Ratio Lower Upper
146 100
111 41.6 31.0 57.6
148 62.4 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 5.432 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV024797.D
Acq: 22 Feb 2022 15:09

Tgt Ion:146 Resp: 130345
Ion Ratio Lower Upper
146 100
111 41.5 28.3 52.7
148 61.9 44.0 81.8

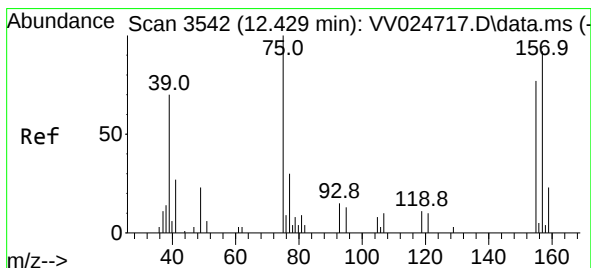
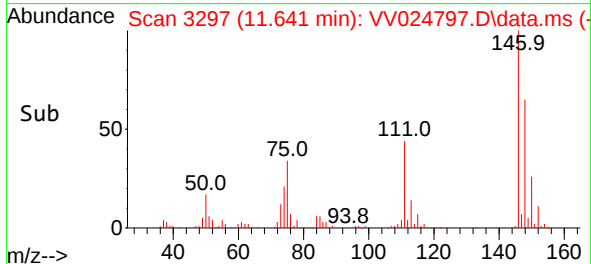
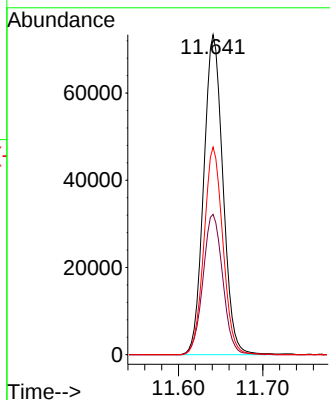
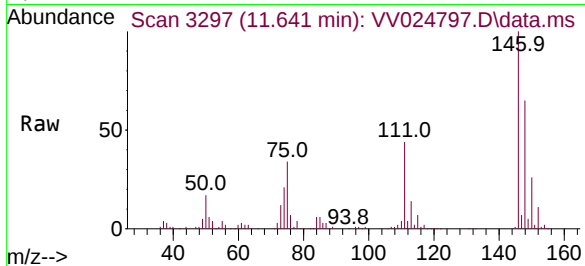




#67
 1,2-Dichlorobenzene
 Concen: 5.506 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV024797.D
 Acq: 22 Feb 2022 15:09

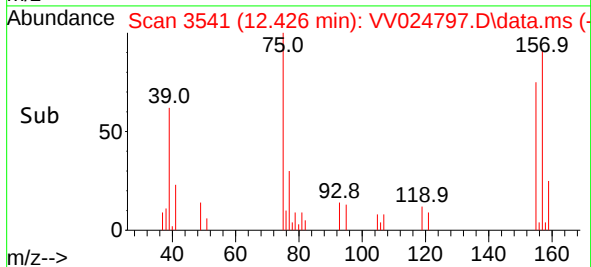
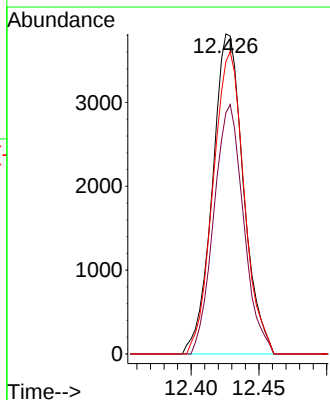
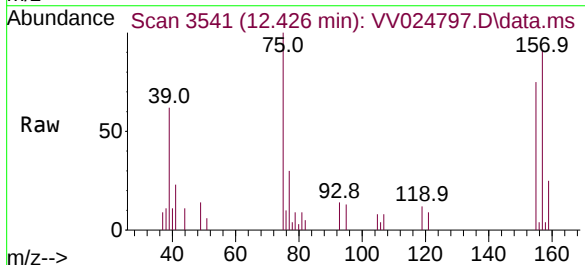
Instrument :
 MSVOA_V
 ClientSampleId :

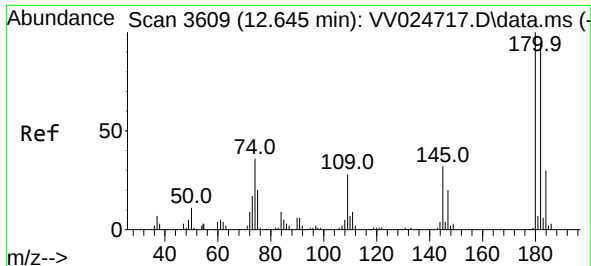
Tgt Ion:146 Resp: 116697
 Ion Ratio Lower Upper
 146 100
 111 43.8 36.0 54.0
 148 64.8 50.4 75.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.685 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. -0.000 min
 Lab File: VV024797.D
 Acq: 22 Feb 2022 15:09

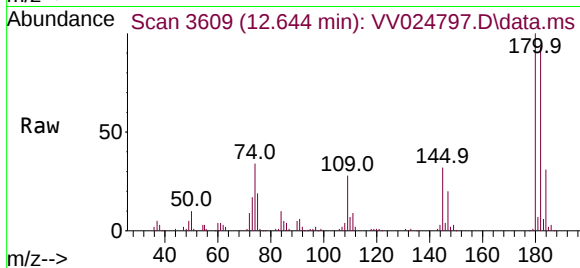
Tgt Ion: 75 Resp: 6067
 Ion Ratio Lower Upper
 75 100
 155 75.3 61.7 92.5
 157 91.4 73.5 110.3



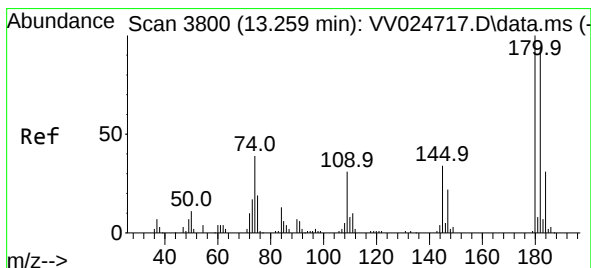
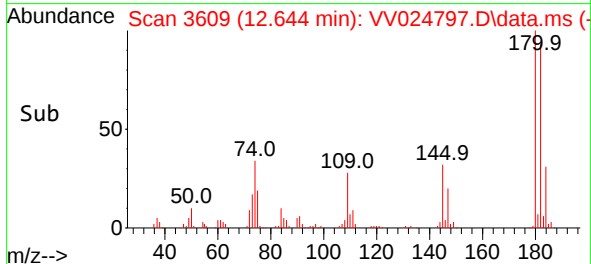
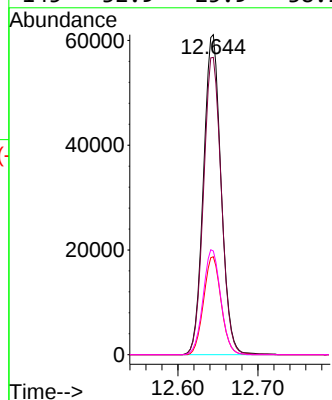


#69
 1,3,5-Trichlorobenzene
 Concen: 5.494 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV024797.D
 Acq: 22 Feb 2022 15:09

Instrument :
 MSVOA_V
 ClientSampleId :

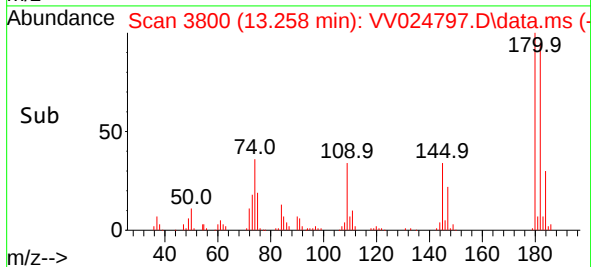
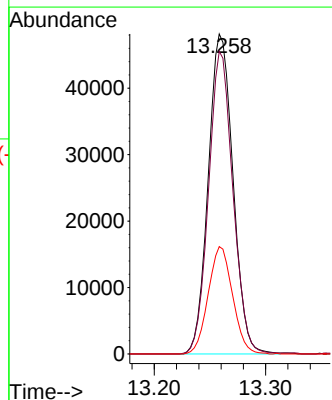
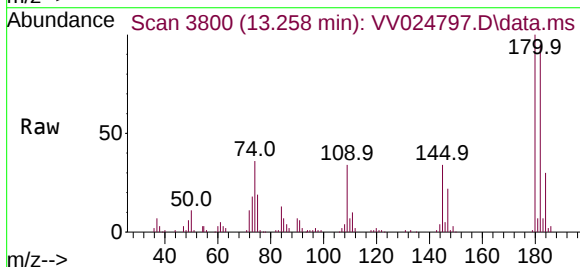


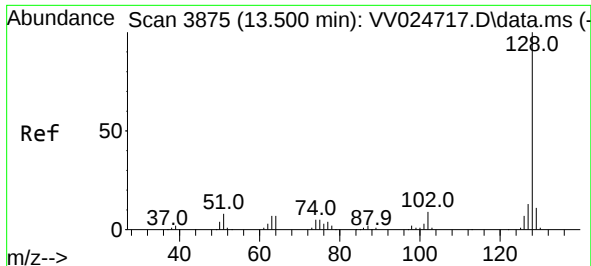
Tgt Ion:180 Resp: 93598
 Ion Ratio Lower Upper
 180 100
 182 93.9 74.6 111.8
 184 30.4 23.8 35.8
 145 32.9 25.9 38.9



#70
 1,2,4-trichlorobenzene
 Concen: 5.536 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV024797.D
 Acq: 22 Feb 2022 15:09

Tgt Ion:180 Resp: 74301
 Ion Ratio Lower Upper
 180 100
 182 93.1 75.0 112.6
 145 33.1 26.9 40.3

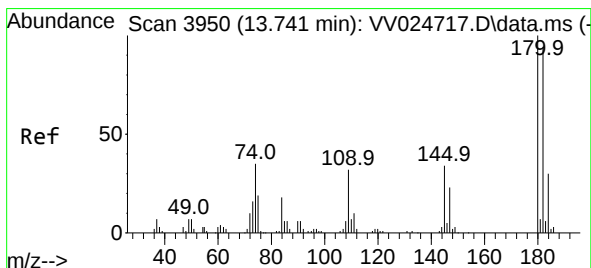
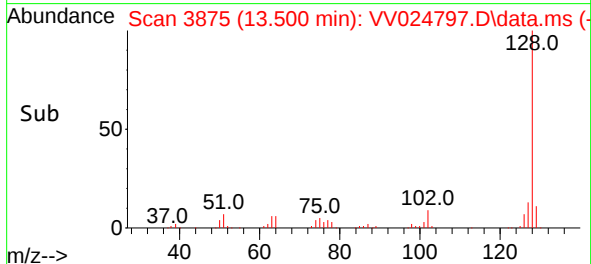
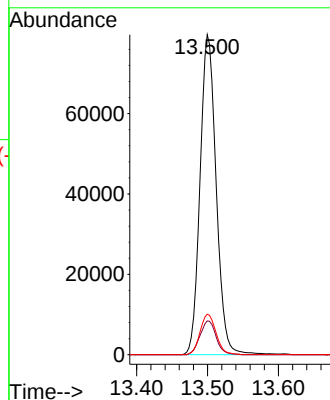
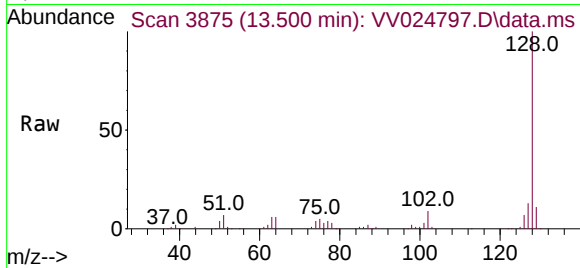




#71
Naphthalene
Concen: 5.512 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024797.D
Acq: 22 Feb 2022 15:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 125808
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 12.5 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.515 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV024797.D
Acq: 22 Feb 2022 15:09

Tgt Ion:180 Resp: 61948
Ion Ratio Lower Upper
180 100
182 95.8 75.6 113.4
145 35.4 28.5 42.7

