

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060922\
 Data File : VW026065.D
 Acq On : 09 Jun 2022 19:21
 Operator : SY/MD
 Sample : N3247-06MSD
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW2MSD

Quant Time: Jun 10 02:55:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 10 02:49:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	150249	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	145884	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71898	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	40993	4.648	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.584	69	46280	5.019	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.124	63	93823	4.605	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	3.915	46	87336	66.951	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.900%#
24) Chloroform-d	4.362	84	104412	5.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.800%
26) 1,2-Dichloroethane-d4	5.043	65	43747	5.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.800%
32) Benzene-d6	5.063	84	180673	5.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.075	67	61401	5.630	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.600%
41) Toluene-d8	7.320	98	157785	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
43) trans-1,3-Dichloroprop...	7.628	79	17351	5.404	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.000%
46) 2-Hexanone-d5	8.091	63	83454	59.062	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.120%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44032	5.988	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	62512	5.683	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.146	85	61385	4.151	ug/L	99
3) Chloromethane	1.256	50	83120	5.020	ug/L	100
5) Vinyl chloride	1.326	62	107893	6.240	ug/L	100
6) Bromomethane	1.539	94	46077	4.597	ug/L	97
8) Chloroethane	1.600	64	612808	57.625	ug/L	99
9) Trichlorofluoromethane	1.767	101	95640	4.339	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.133	101	46547	3.706	ug/L	97
12) 1,1-Dichloroethene	2.133	96	54722	4.527	ug/L	98
13) Acetone	2.201	43	47664	45.815	ug/L	69
14) Carbon disulfide	2.307	76	153212	4.443	ug/L	100
15) Methyl Acetate	2.458	43	11551	3.397	ug/L #	78
16) Methylene chloride	2.523	84	56038	4.654	ug/L	96
17) Methyl tert-butyl Ether	2.786	73	99992	5.096	ug/L	99
18) trans-1,2-Dichloroethene	2.777	96	62845	5.514	ug/L	97
19) 1,1-Dichloroethane	3.204	63	1031901	49.776	ug/L	99
21) 2-Butanone	3.998	43	68853	50.808	ug/L	94
22) cis-1,2-Dichloroethene	3.928	96	104467	9.299	ug/L	95
23) Bromochloromethane	4.265	128	24072	5.097	ug/L	98
25) Chloroform	4.391	83	102722	4.827	ug/L	100

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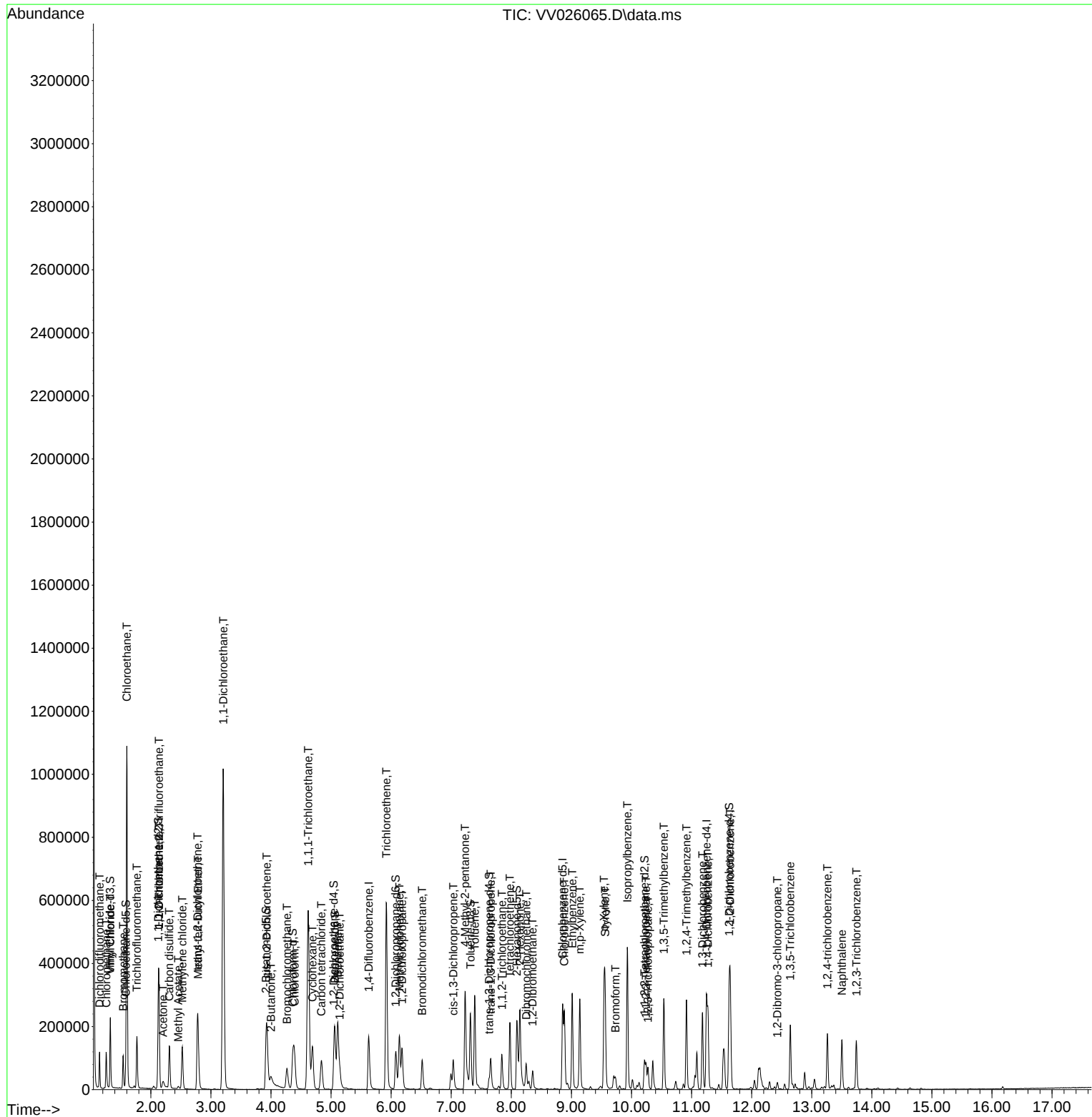
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	53128	5.049	ug/L	100
29) 1,1,1-Trichloroethane	4.619	97	464118	24.245	ug/L	99
30) Cyclohexane	4.690	56	65662	3.944	ug/L	98
31) Carbon tetrachloride	4.838	117	69271	4.406	ug/L	98
33) Benzene	5.111	78	220359	4.807	ug/L	100
34) Trichloroethene	5.918	95	212090	17.707	ug/L	99
35) Methylcyclohexane	6.137	83	68002	3.683	ug/L	99
37) 1,2-Dichloropropane	6.182	63	53354	4.802	ug/L	100
38) Bromodichloromethane	6.516	83	65385	4.871	ug/L	99
39) cis-1,3-Dichloropropene	7.034	75	61193	4.469	ug/L	95
40) 4-Methyl-2-pentanone	7.230	43	230757	50.841	ug/L	98
42) Toluene	7.390	91	220694	4.607	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	50818	4.738	ug/L	100
45) 1,1,2-Trichloroethane	7.844	97	34778	4.820	ug/L	99
47) Tetrachloroethene	7.976	164	46228	4.986	ug/L	98
48) 2-Hexanone	8.143	43	172131	53.428	ug/L	100
49) Dibromochloromethane	8.249	129	37825	4.803	ug/L	95
50) 1,2-Dibromoethane	8.355	107	31705	4.939	ug/L	99
51) Chlorobenzene	8.882	112	136825	4.389	ug/L	100
52) Ethylbenzene	9.014	91	211112	4.205	ug/L	98
53) m,p-Xylene	9.140	106	79720	4.108	ug/L	93
54) o-Xylene	9.545	106	77326	4.191	ug/L	97
55) Styrene	9.561	104	138238	4.473	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	36410	4.714	ug/L	96
59) Bromoform	9.731	173	17092	5.067	ug/L	100
60) Isopropylbenzene	9.931	105	281617	5.894	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	28147	5.016	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	152703	4.036	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	150932	4.006	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	96595	4.255	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	95295	4.123	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	116893	5.823	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	5003	5.017	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	60511	3.681	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	49047	4.003	ug/L	97
71) Naphthalene	13.503	128	123246	7.079	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	45235	4.361	ug/L	97

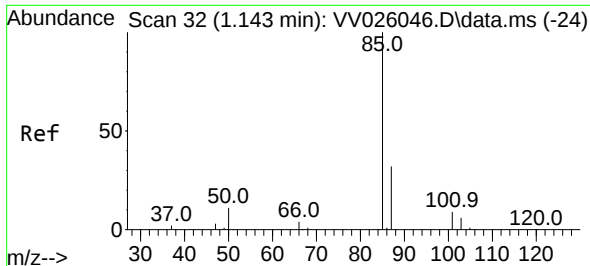
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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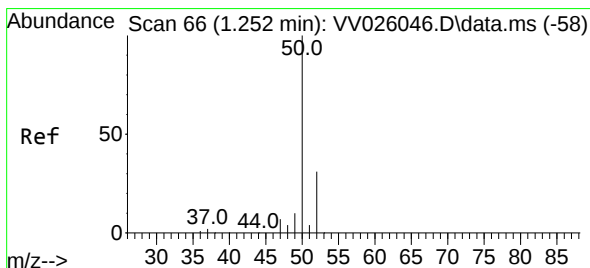
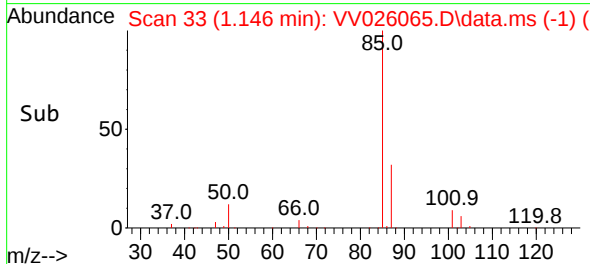
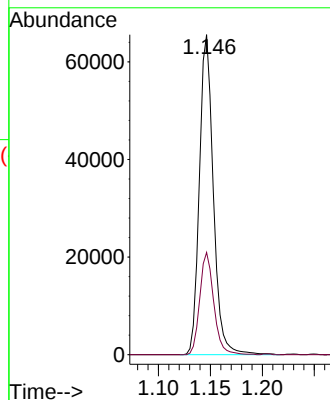
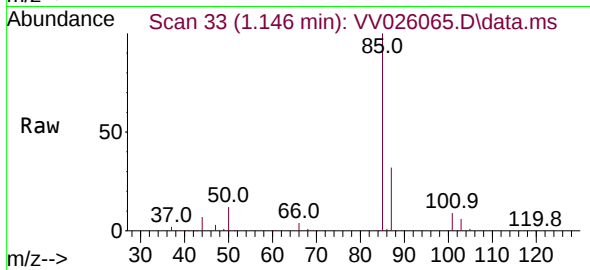




#2
 Dichlorodifluoromethane
 Concen: 4.151 ug/L
 RT: 1.146 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV026065.D
 Acq: 09 Jun 2022 19:21

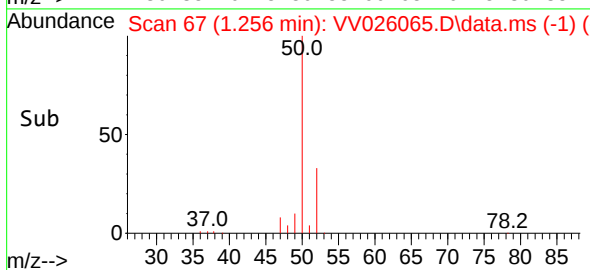
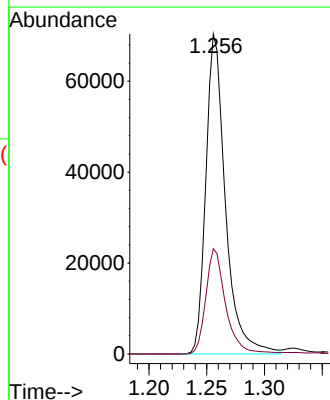
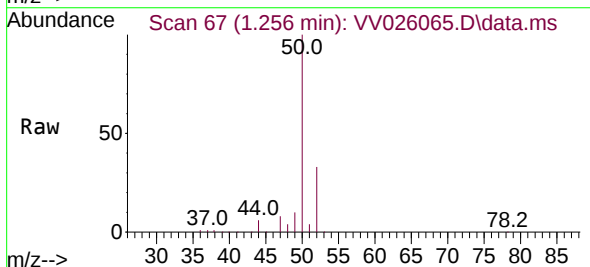
Instrument :
 MSVOA_V
 ClientSampleId :
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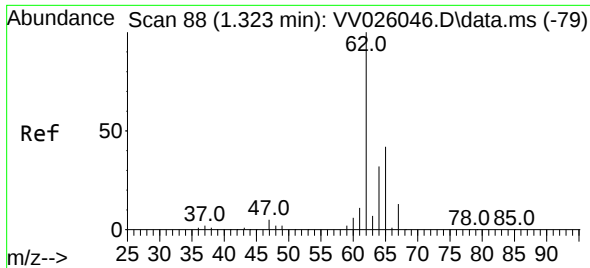
Tgt Ion: 85 Resp: 61385
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.3 37.9



#3
 Chloromethane
 Concen: 5.020 ug/L
 RT: 1.256 min Scan# 67
 Delta R.T. 0.003 min
 Lab File: VV026065.D
 Acq: 09 Jun 2022 19:21

Tgt Ion: 50 Resp: 83120
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.0 42.6

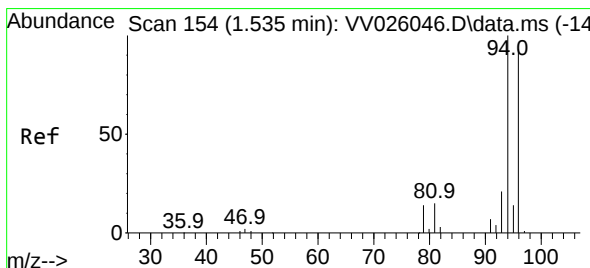
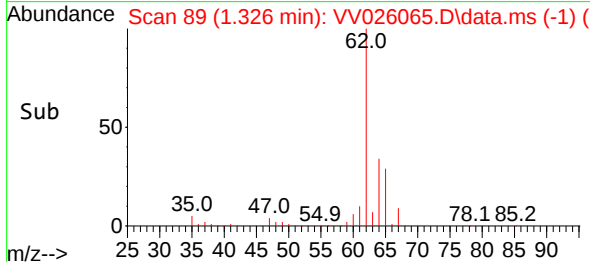
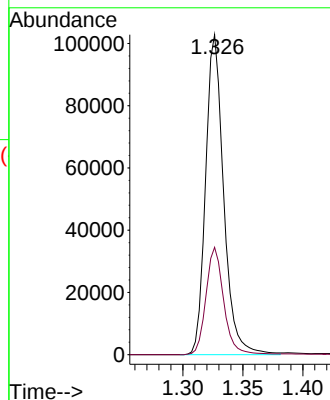
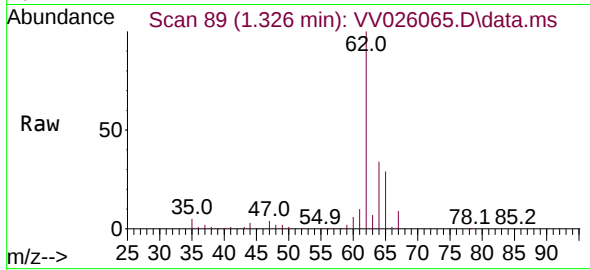




#5
 Vinyl chloride
 Concen: 6.240 ug/L
 RT: 1.326 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VV026065.D
 Acq: 09 Jun 2022 19:21

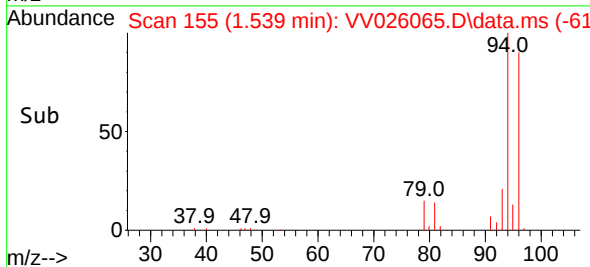
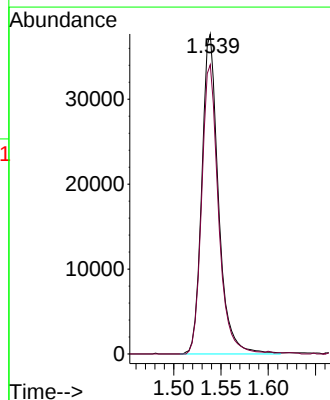
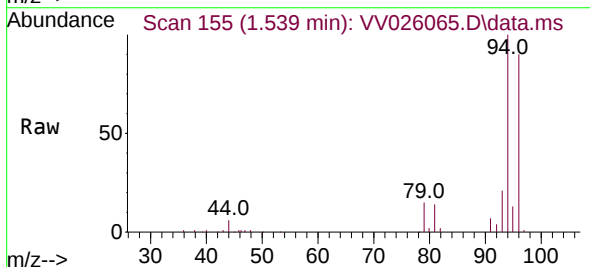
Instrument :
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 ClientSampleId :
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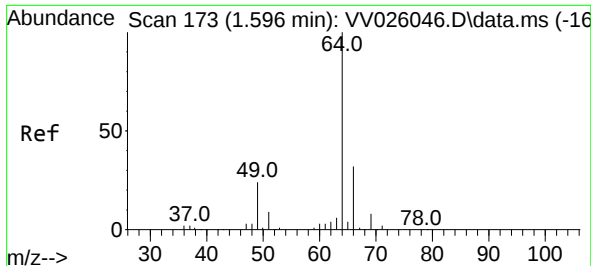
Tgt Ion: 62 Resp: 107893
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.4 43.4



#6
 Bromomethane
 Concen: 4.597 ug/L
 RT: 1.539 min Scan# 155
 Delta R.T. 0.003 min
 Lab File: VV026065.D
 Acq: 09 Jun 2022 19:21

Tgt Ion: 94 Resp: 46077
 Ion Ratio Lower Upper
 94 100
 96 90.4 65.5 121.6

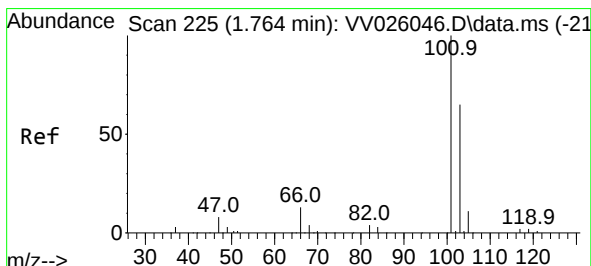
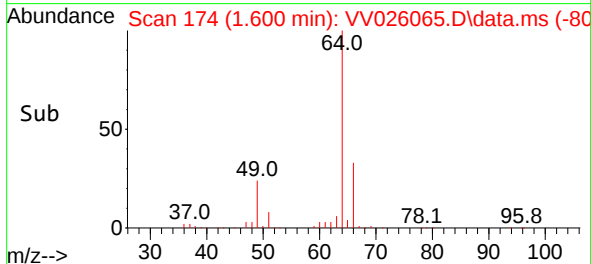
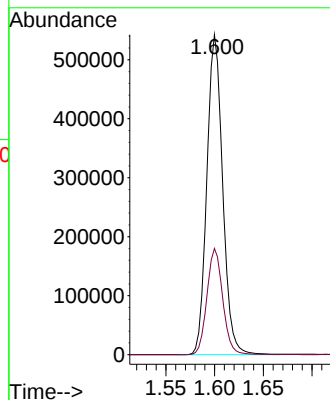
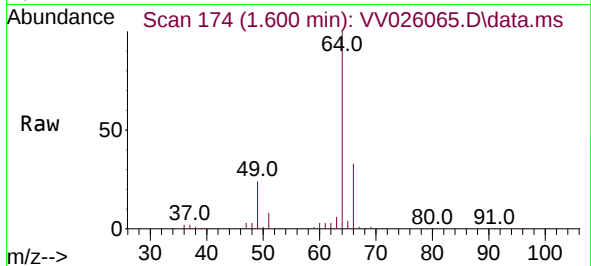




#8
Chloroethane
Concen: 57.625 ug/L
RT: 1.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

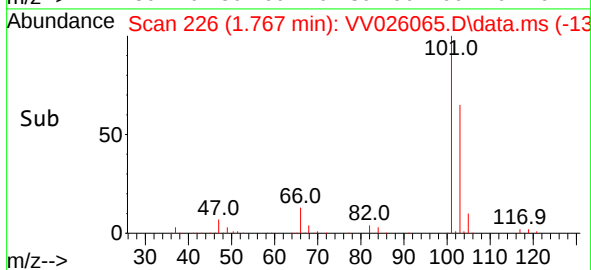
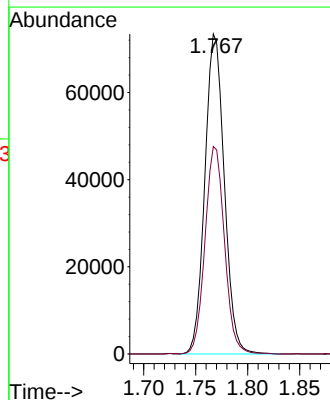
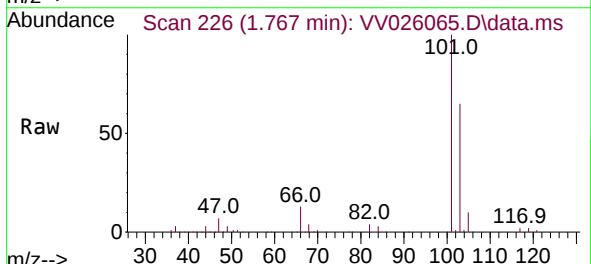
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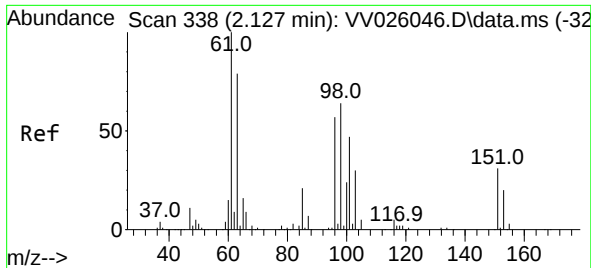
Tgt Ion: 64 Resp: 612808
Ion Ratio Lower Upper
64 100
66 33.2 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.339 ug/L
RT: 1.767 min Scan# 226
Delta R.T. 0.003 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

Tgt Ion:101 Resp: 95640
Ion Ratio Lower Upper
101 100
103 64.8 52.6 78.8

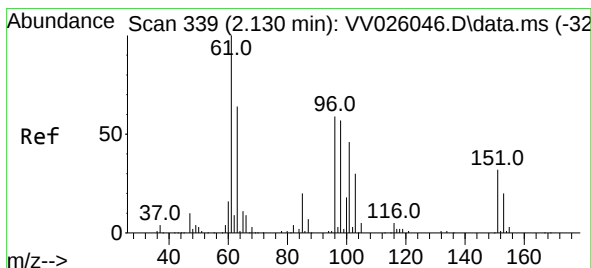
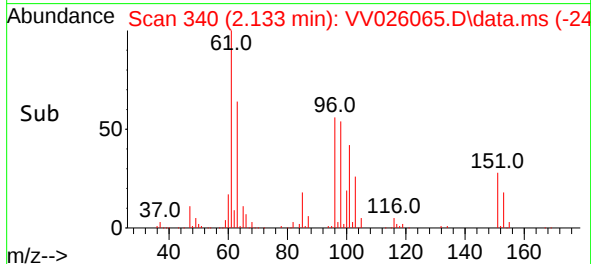
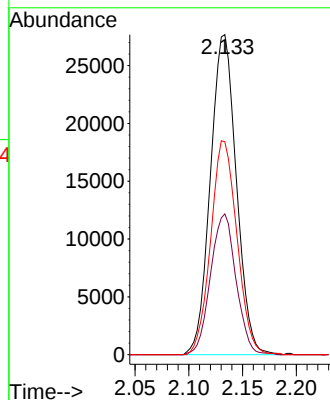
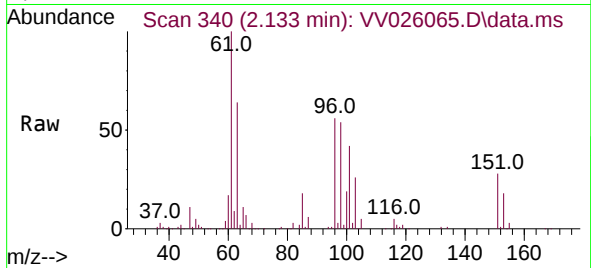




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.706 ug/L
RT: 2.133 min Scan# 340
Delta R.T. 0.006 min
Lab File: VV026065.D
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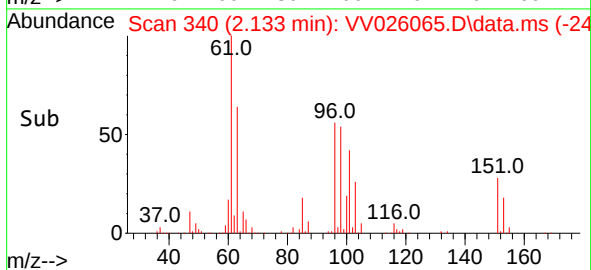
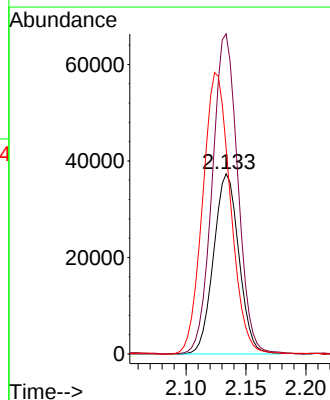
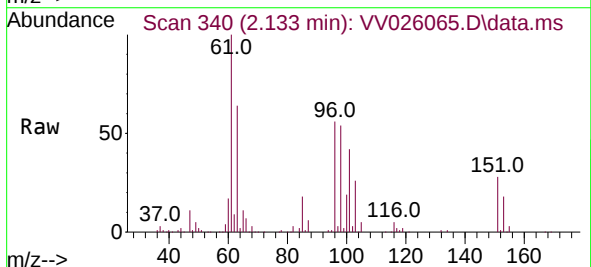
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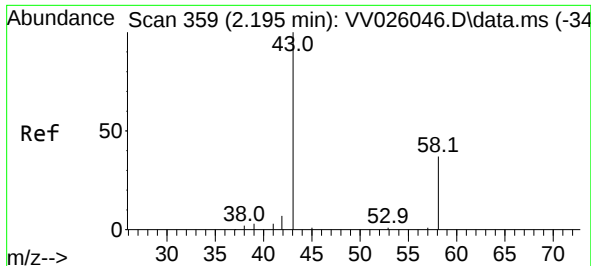
Tgt Ion:101 Resp: 46547
Ion Ratio Lower Upper
101 100
85 43.2 35.6 53.4
151 67.7 56.4 84.6



#12
1,1-Dichloroethene
Concen: 4.527 ug/L
RT: 2.133 min Scan# 340
Delta R.T. 0.003 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

Tgt Ion: 96 Resp: 54722
Ion Ratio Lower Upper
96 100
61 177.6 122.6 227.6
63 114.4 78.5 145.9





#13

Acetone

Concen: 45.815 ug/L

RT: 2.201 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV026065.D

Acq: 09 Jun 2022 19:21

Instrument :

MSVOA_V

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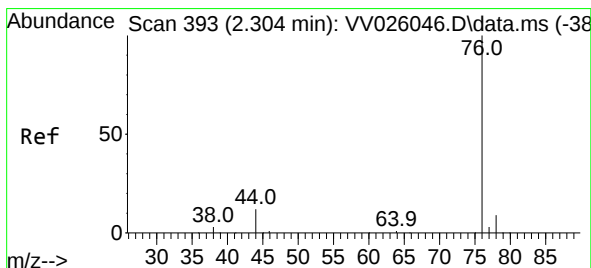
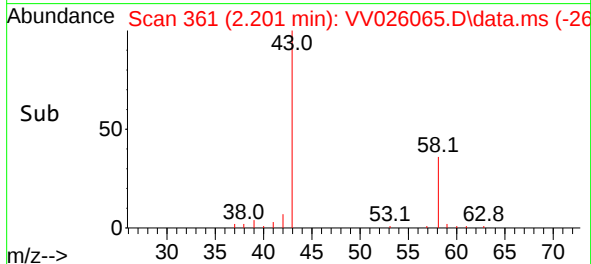
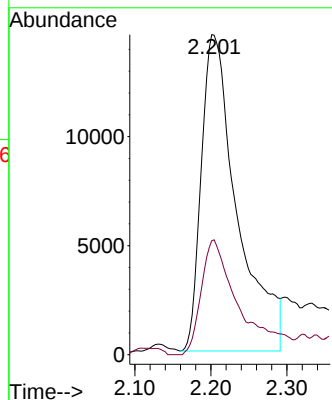
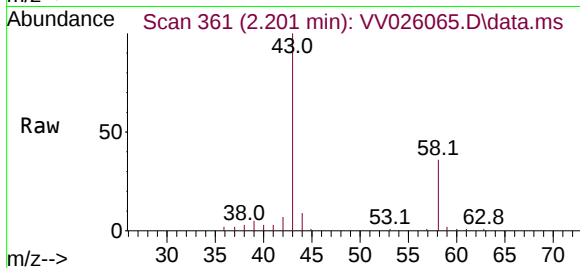
EXYW2MSD

Tgt Ion: 43 Resp: 47664

Ion Ratio Lower Upper

43 100

58 38.9 0.0 47.6



#14

Carbon disulfide

Concen: 4.443 ug/L

RT: 2.307 min Scan# 394

Delta R.T. 0.003 min

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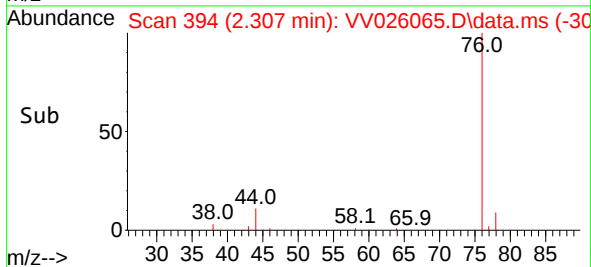
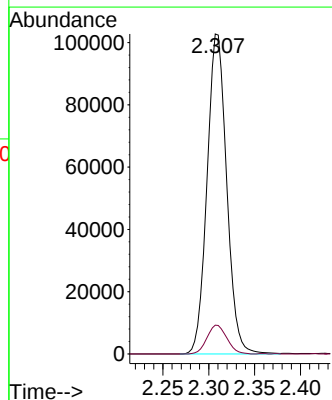
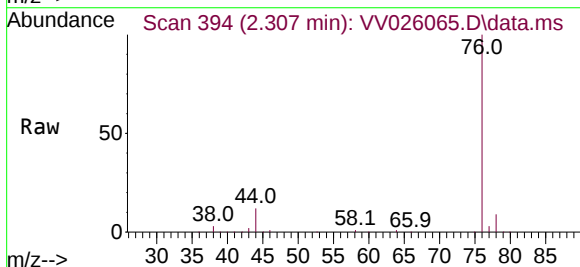
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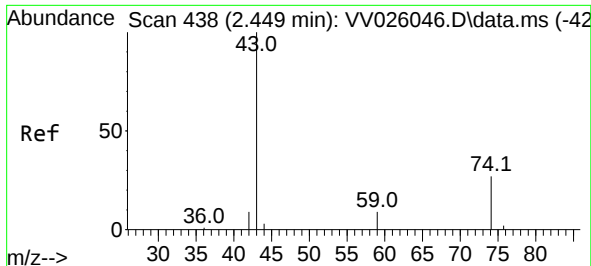
Tgt Ion: 76 Resp: 153212

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

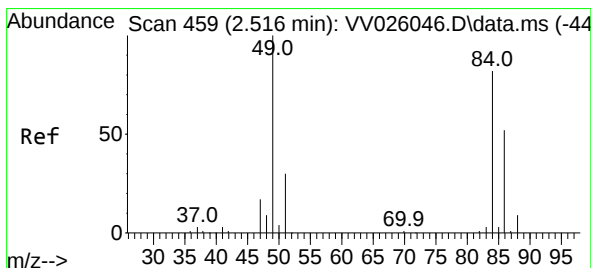
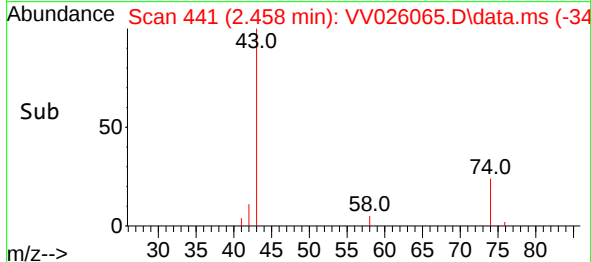
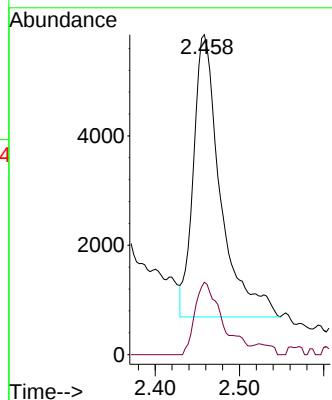
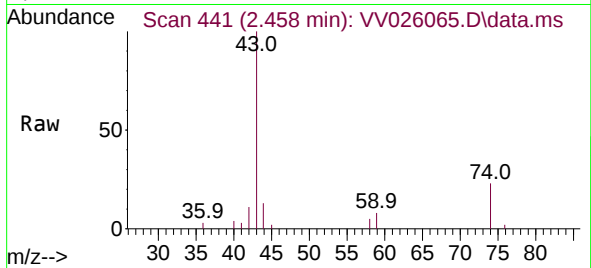




#15
Methyl Acetate
Concen: 3.397 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.010 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

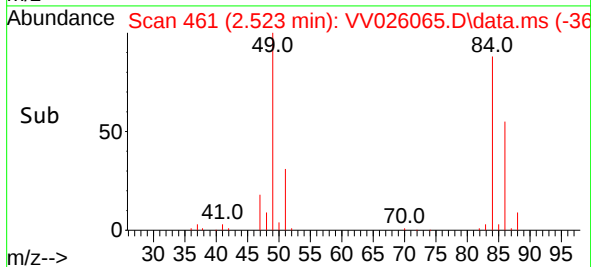
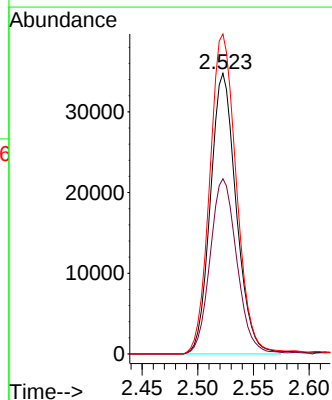
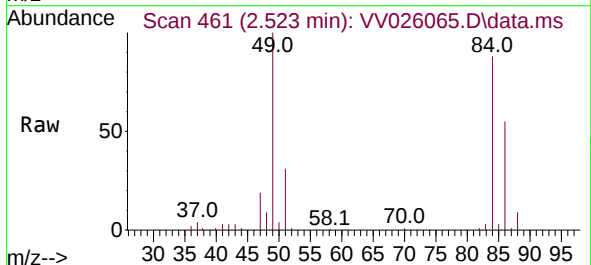
Instrument :
MSVOA_V
ClientSampleId :
EXYW2MSD

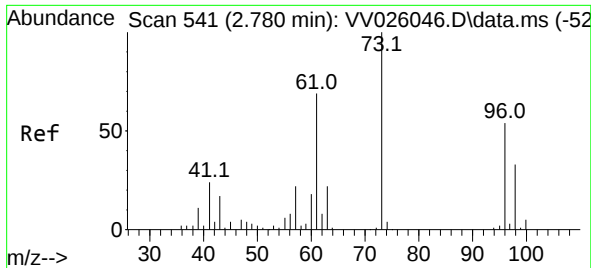
Tgt Ion: 43 Resp: 11551
Ion Ratio Lower Upper
43 100
74 25.9 13.3 19.9#



#16
Methylene chloride
Concen: 4.654 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.006 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

Tgt Ion: 84 Resp: 56038
Ion Ratio Lower Upper
84 100
86 62.5 45.6 84.6
49 114.0 82.9 153.9

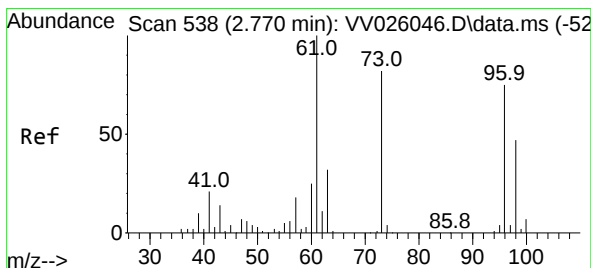
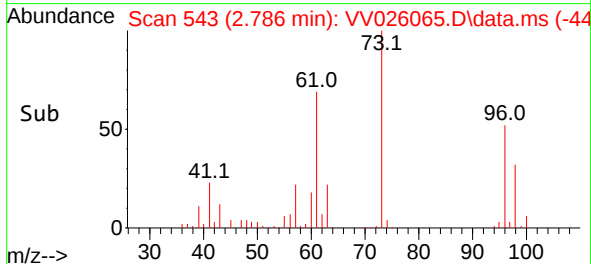
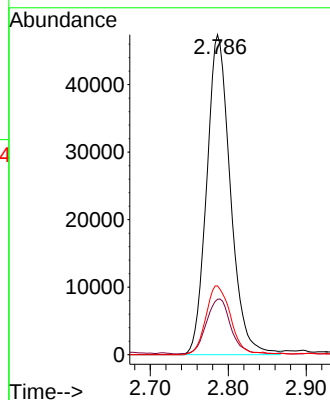
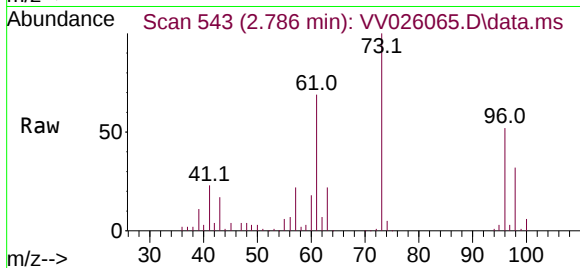




#17
Methyl tert-butyl Ether
Concen: 5.096 ug/L
RT: 2.786 min Scan# 541
Delta R.T. 0.006 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

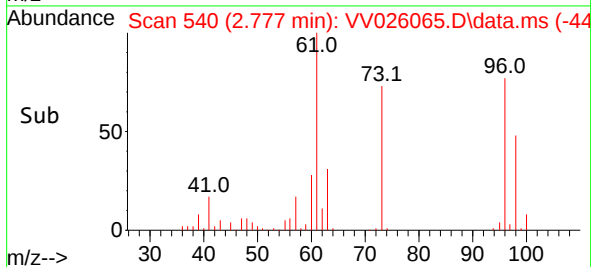
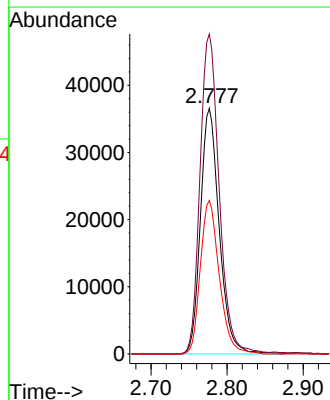
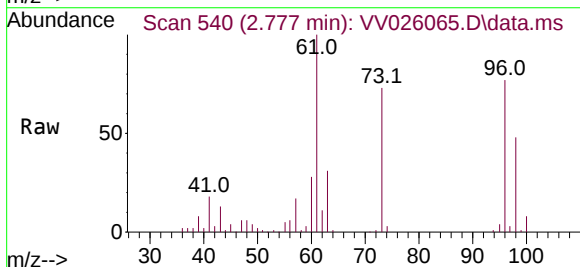
Instrument :
MSVOA_V
ClientSampleId :
EXYW2MSD

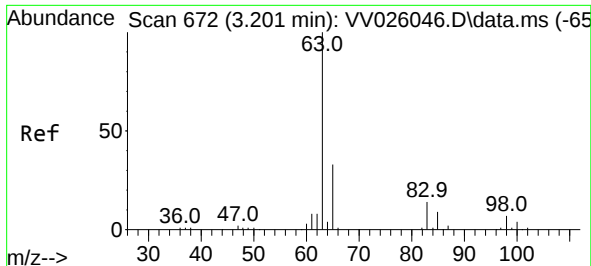
Tgt Ion: 73	Resp: 99992
Ion Ratio	Lower Upper
73	100
43	17.7 13.7 20.5
57	22.3 17.8 26.6



#18
trans-1,2-Dichloroethene
Concen: 5.514 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.006 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

Tgt Ion: 96	Resp: 62845
Ion Ratio	Lower Upper
96	100
61	130.2 94.3 175.1
98	62.5 44.4 82.5





#19

1,1-Dichloroethane

Concen: 49.776 ug/L

RT: 3.204 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV026065.D

Acq: 09 Jun 2022 19:21

Instrument :

MSVOA_V

ClientSampleId :

EXYW2MSD

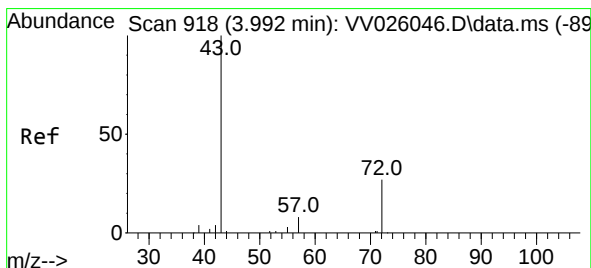
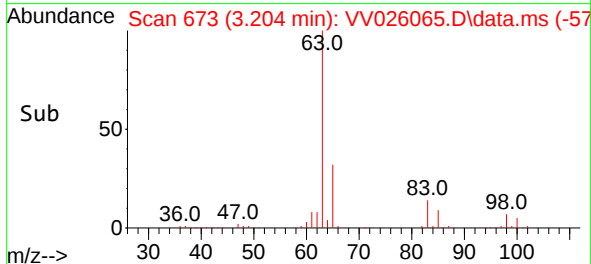
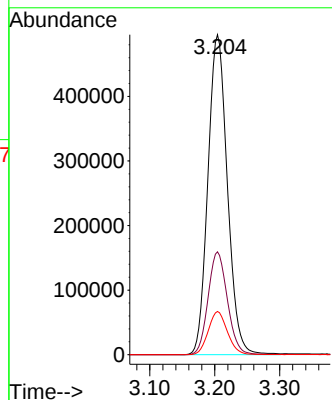
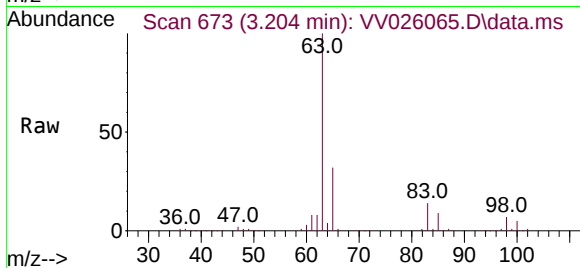
Tgt Ion: 63 Resp: 1031901

Ion Ratio Lower Upper

63 100

65 32.2 23.1 42.9

83 13.5 9.7 18.1



#21

2-Butanone

Concen: 50.808 ug/L

RT: 3.998 min Scan# 920

Delta R.T. 0.006 min

Lab File: VV026065.D

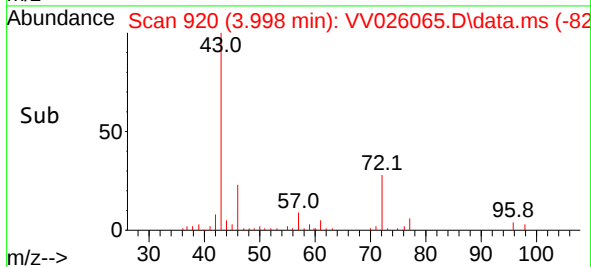
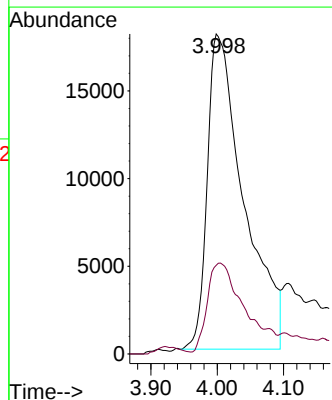
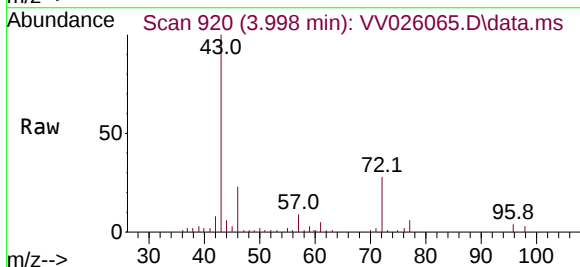
Acq: 09 Jun 2022 19:21

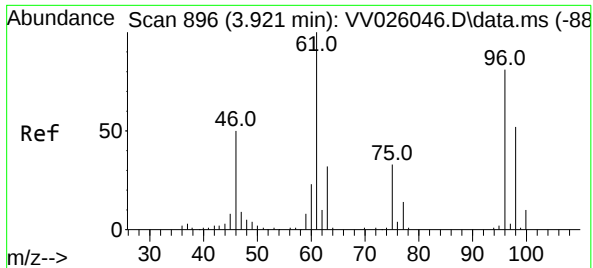
Tgt Ion: 43 Resp: 68853

Ion Ratio Lower Upper

43 100

72 26.9 11.9 35.7

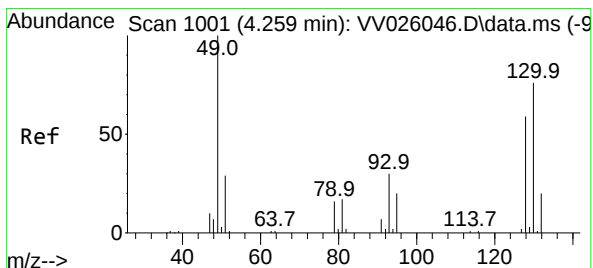
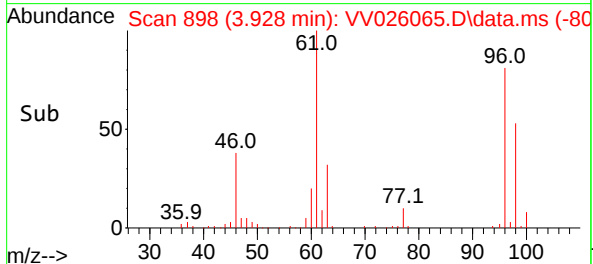
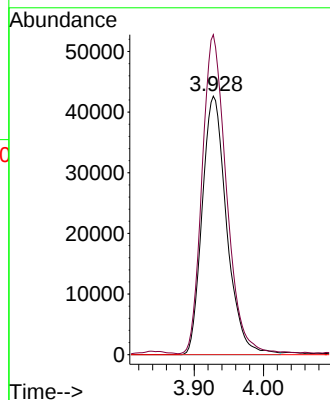
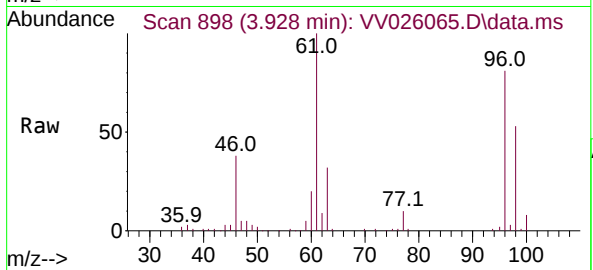




#22
 cis-1,2-Dichloroethene
 Concen: 9.299 ug/L
 RT: 3.928 min Scan# 896
 Delta R.T. 0.006 min
 Lab File: VV026065.D
 Acq: 09 Jun 2022 19:21

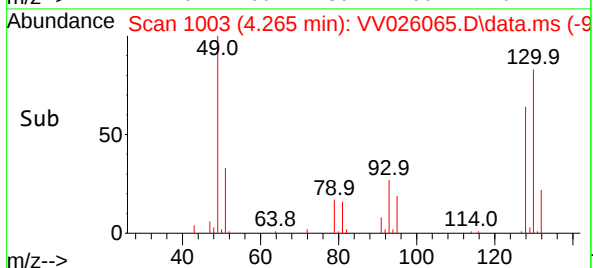
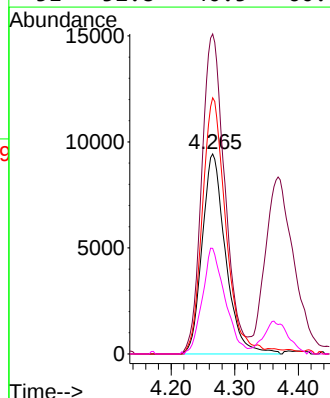
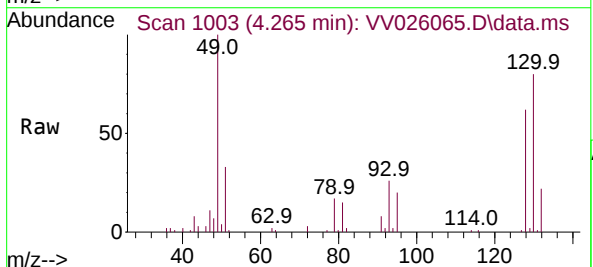
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW2MSD

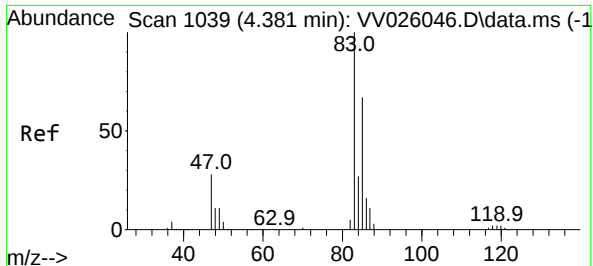
Tgt Ion: 96 Resp: 104467
 Ion Ratio Lower Upper
 96 100
 61 123.7 83.1 154.3
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.097 ug/L
 RT: 4.265 min Scan# 1003
 Delta R.T. 0.006 min
 Lab File: VV026065.D
 Acq: 09 Jun 2022 19:21

Tgt Ion: 128 Resp: 24072
 Ion Ratio Lower Upper
 128 100
 49 160.0 112.8 209.4
 130 128.1 87.4 162.4
 51 52.8 40.5 60.7





#25

Chloroform

Concen: 4.827 ug/L

RT: 4.391 min Scan# 1039

Delta R.T. 0.010 min

Lab File: VV026065.D

Acq: 09 Jun 2022 19:21

Instrument :

MSVOA_V

ClientSampleId :

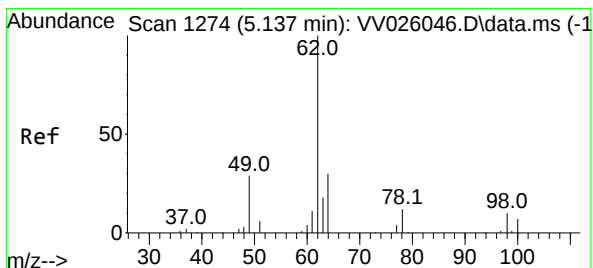
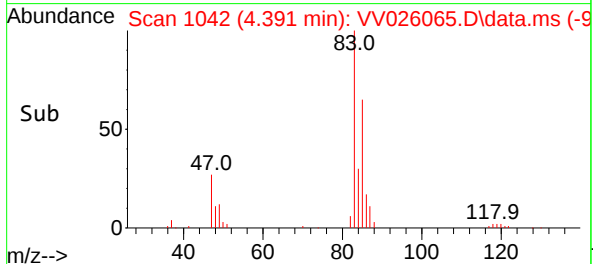
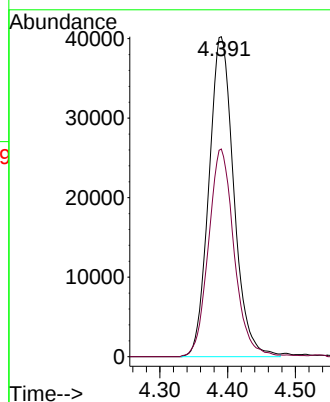
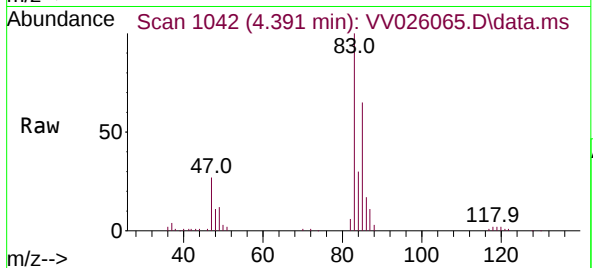
EXYW2MSD

Tgt Ion: 83 Resp: 102722

Ion Ratio Lower Upper

83 100

85 64.9 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.049 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. 0.006 min

Lab File: VV026065.D

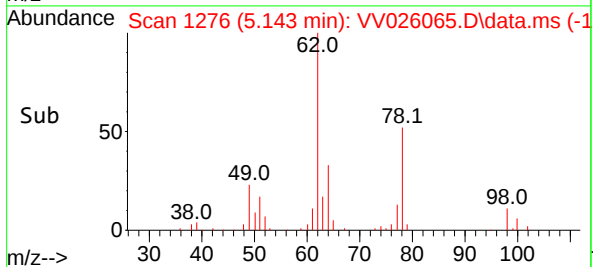
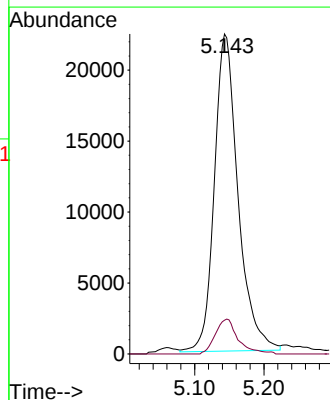
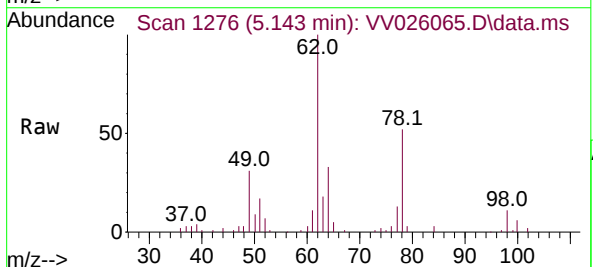
Acq: 09 Jun 2022 19:21

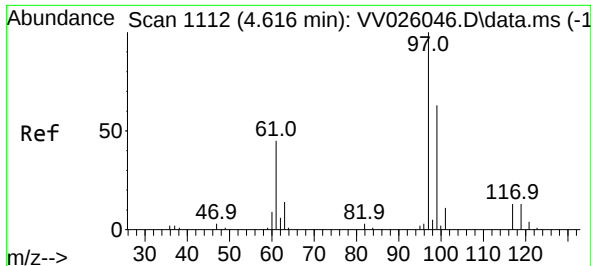
Tgt Ion: 62 Resp: 53128

Ion Ratio Lower Upper

62 100

98 10.6 8.5 12.7





#29

1,1,1-Trichloroethane

Concen: 24.245 ug/L

RT: 4.619 min Scan# 1112

Delta R.T. 0.003 min

Lab File: VV026065.D

Acq: 09 Jun 2022 19:21

Instrument :

MSVOA_V

ClientSampleId :

EXYW2MSD

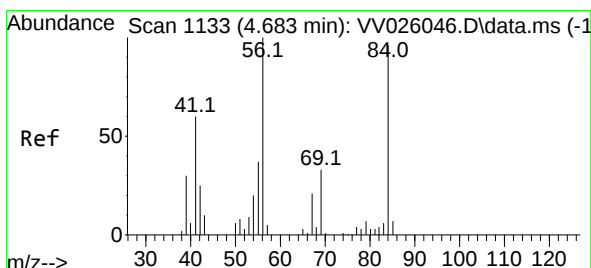
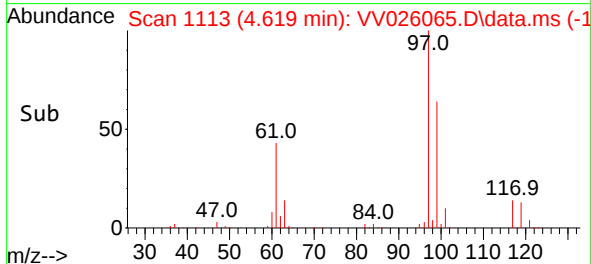
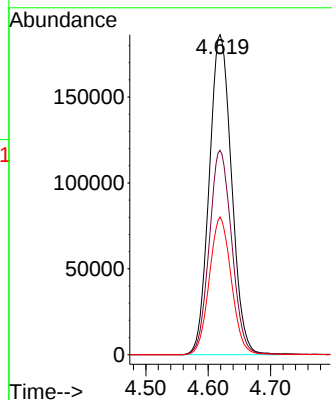
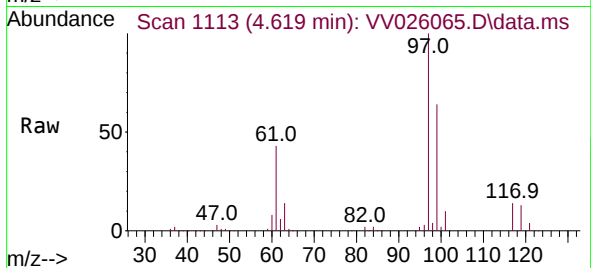
Tgt Ion: 97 Resp: 464118

Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.0

61 42.3 34.9 52.3



#30

Cyclohexane

Concen: 3.944 ug/L

RT: 4.690 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VV026065.D

Acq: 09 Jun 2022 19:21

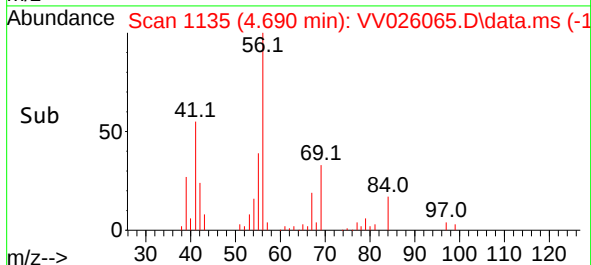
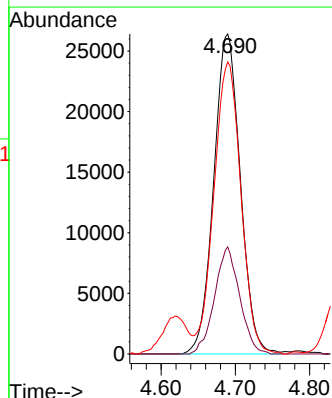
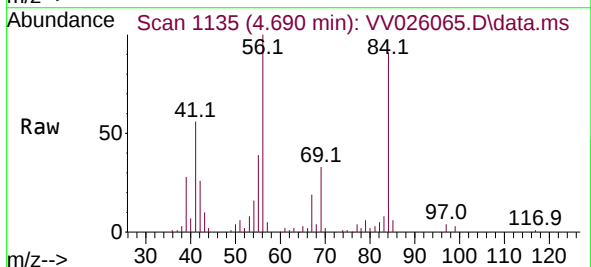
Tgt Ion: 56 Resp: 65662

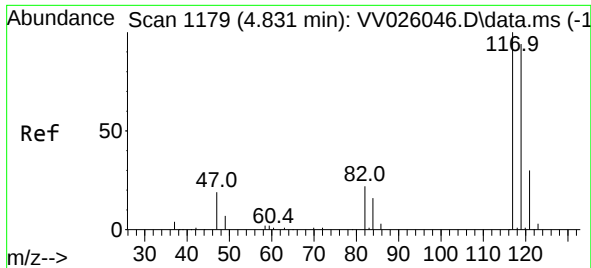
Ion Ratio Lower Upper

56 100

69 31.5 25.1 37.7

84 93.2 72.2 108.4

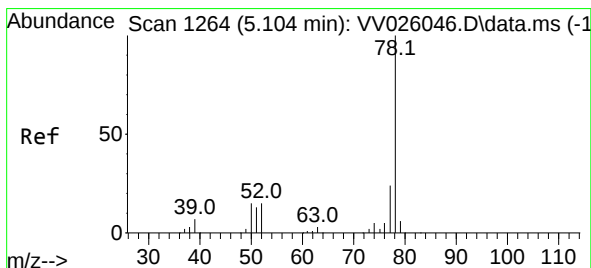
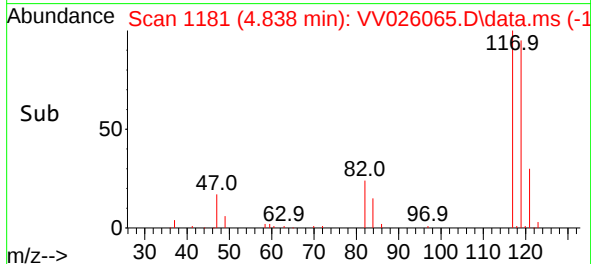
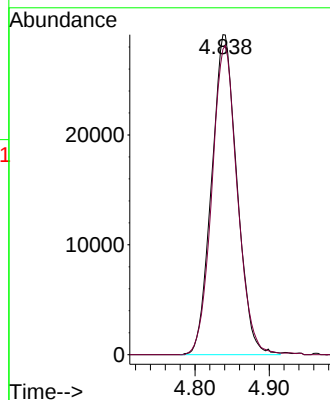
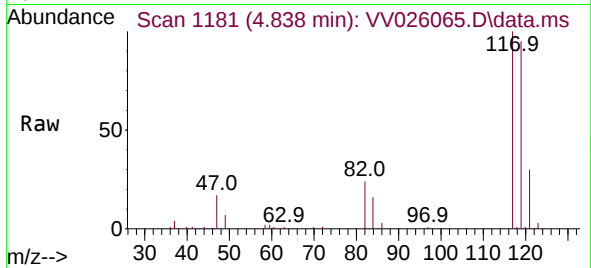




#31
Carbon tetrachloride
Concen: 4.406 ug/L
RT: 4.838 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

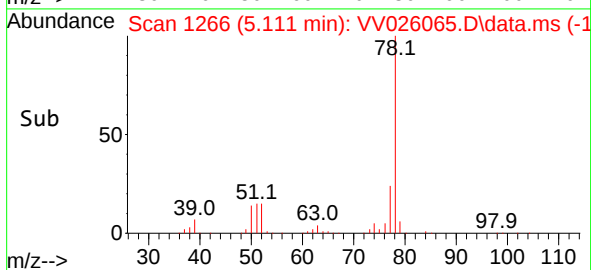
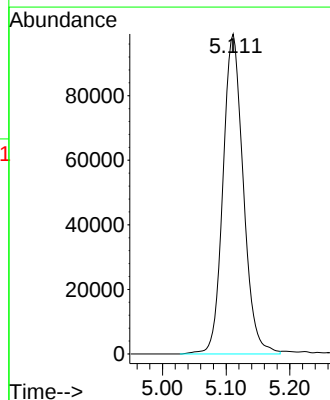
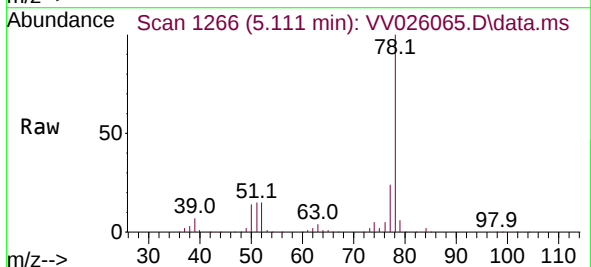
Instrument :
MSVOA_V
ClientSampleId :
EXYW2MSD

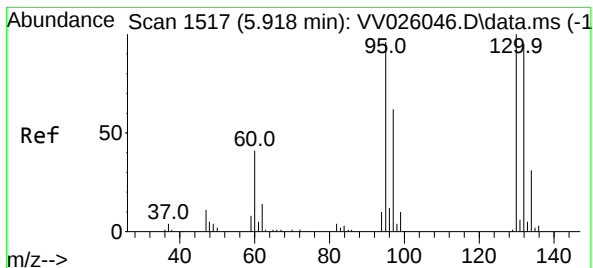
Tgt Ion:117 Resp: 69271
Ion Ratio Lower Upper
117 100
119 96.8 78.7 118.1



#33
Benzene
Concen: 4.807 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

Tgt Ion: 78 Resp: 220359





#34

Trichloroethene

Concen: 17.707 ug/L

RT: 5.918 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026065.D

Acq: 09 Jun 2022 19:21

Instrument :

MSVOA_V

ClientSampleId :

EXYW2MSD

Tgt Ion: 95 Resp: 212090

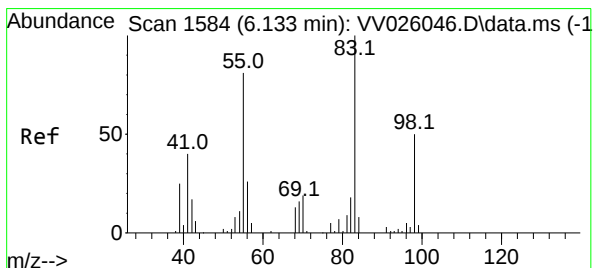
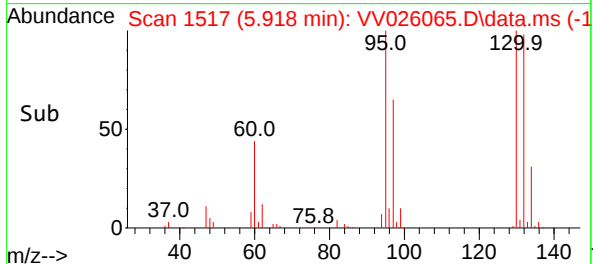
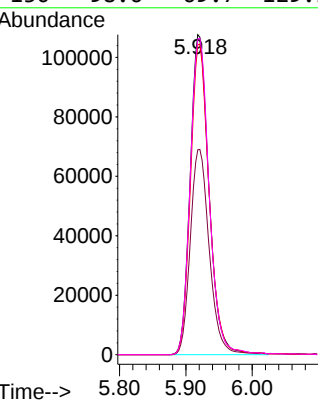
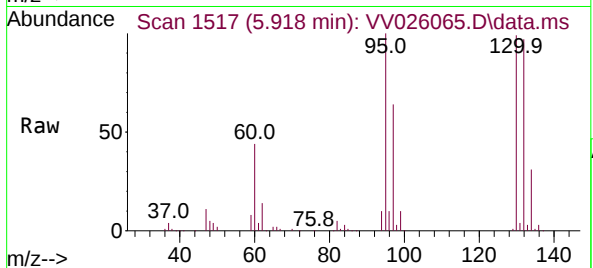
Ion Ratio Lower Upper

95 100

97 64.1 44.0 81.6

132 96.9 67.5 125.4

130 98.6 69.7 129.5



#35

Methylcyclohexane

Concen: 3.683 ug/L

RT: 6.137 min Scan# 1585

Delta R.T. 0.003 min

Lab File: VV026065.D

Acq: 09 Jun 2022 19:21

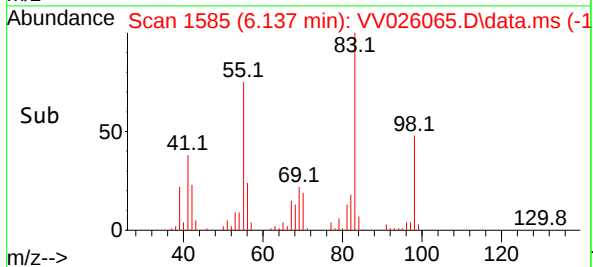
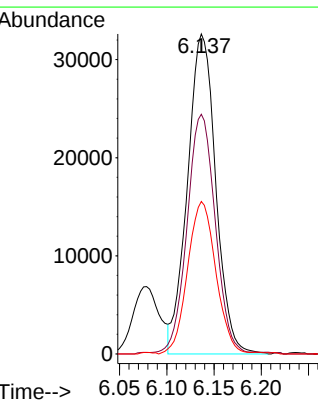
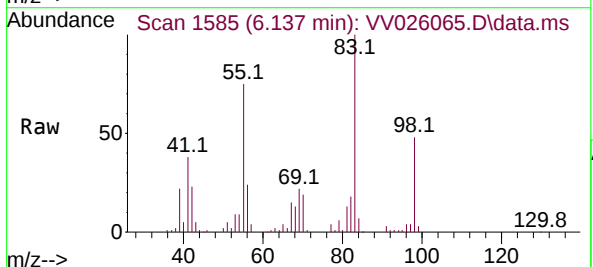
Tgt Ion: 83 Resp: 68002

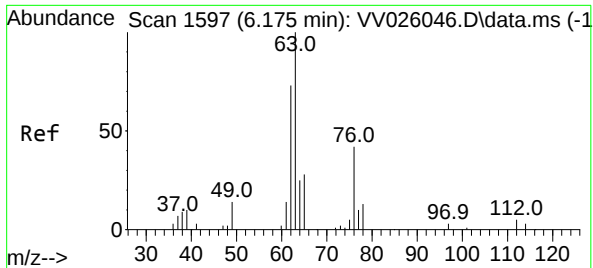
Ion Ratio Lower Upper

83 100

55 73.5 59.4 89.0

98 47.6 38.9 58.3





#37

1,2-Dichloropropane

Concen: 4.802 ug/L

RT: 6.182 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV026065.D

Acq: 09 Jun 2022 19:21

Instrument :

MSVOA_V

ClientSampleId :

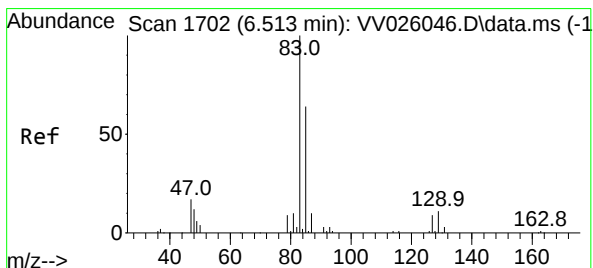
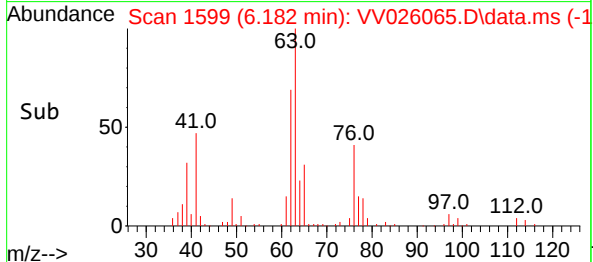
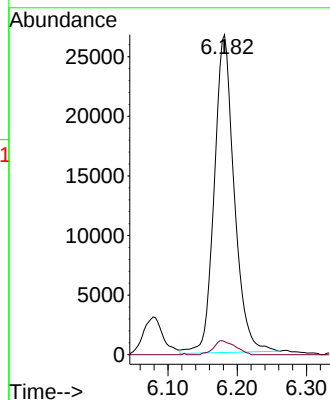
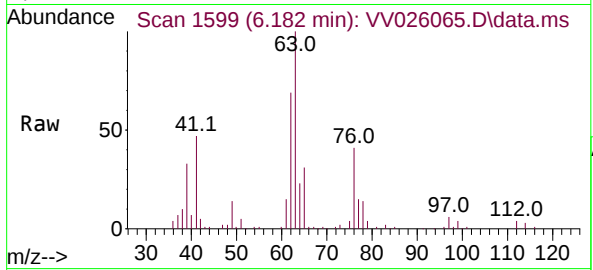
EXYW2MSD

Tgt Ion: 63 Resp: 53354

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.6



#38

Bromodichloromethane

Concen: 4.871 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.003 min

Lab File: VV026065.D

Acq: 09 Jun 2022 19:21

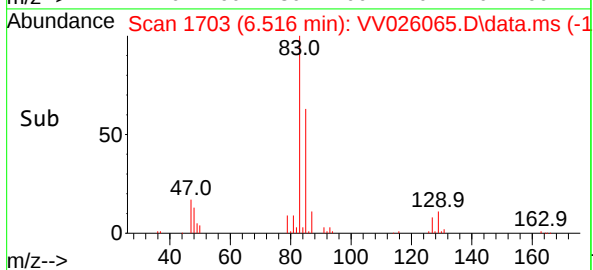
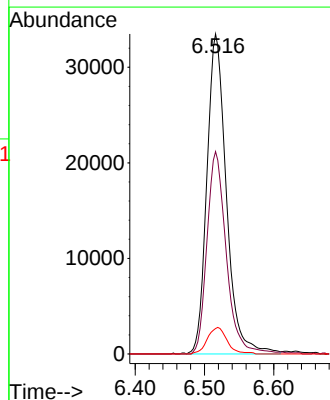
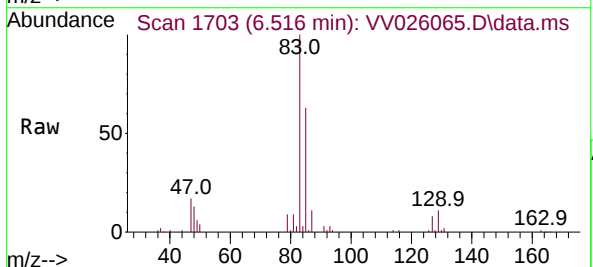
Tgt Ion: 83 Resp: 65385

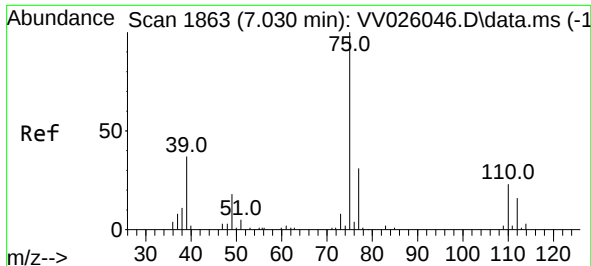
Ion Ratio Lower Upper

83 100

85 63.3 44.8 83.2

127 8.0 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.469 ug/L

RT: 7.034 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026065.D

Acq: 09 Jun 2022 19:21

Instrument :

MSVOA_V

ClientSampleId :

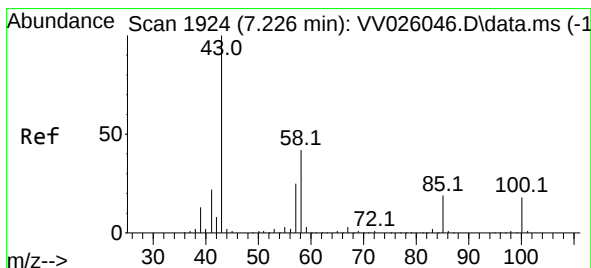
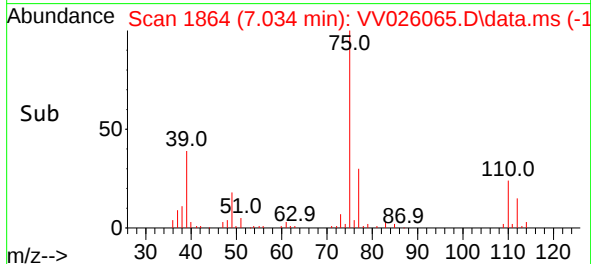
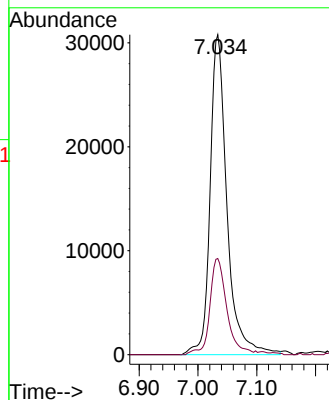
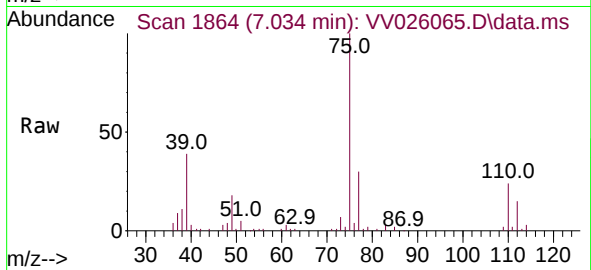
EXYW2MSD

Tgt Ion: 75 Resp: 61193

Ion Ratio Lower Upper

75 100

77 30.1 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 50.841 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV026065.D

Acq: 09 Jun 2022 19:21

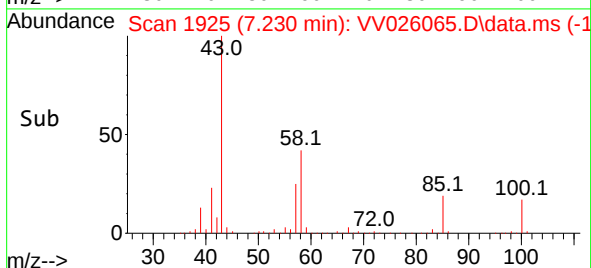
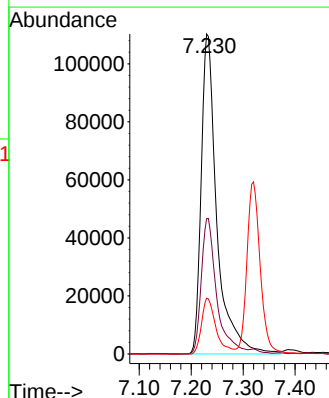
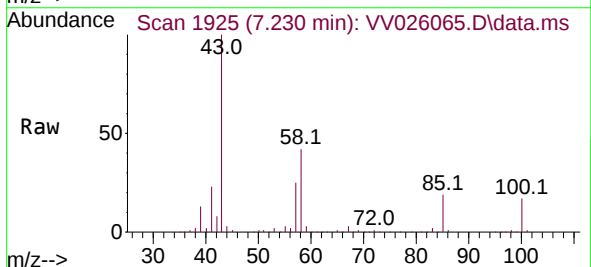
Tgt Ion: 43 Resp: 230757

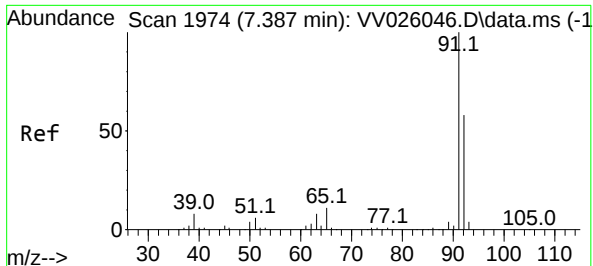
Ion Ratio Lower Upper

43 100

58 41.6 34.2 51.2

100 16.1 12.6 19.0





#42

Toluene

Concen: 4.607 ug/L

RT: 7.390 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV026065.D

Acq: 09 Jun 2022 19:21

Instrument :

MSVOA_V

ClientSampleId :

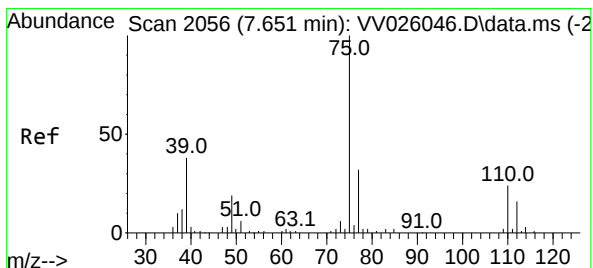
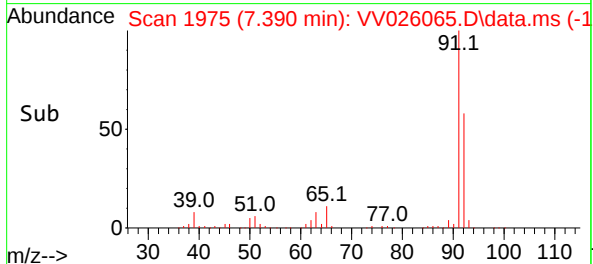
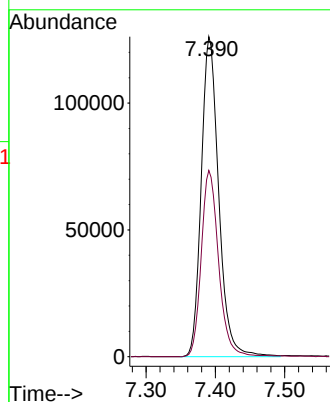
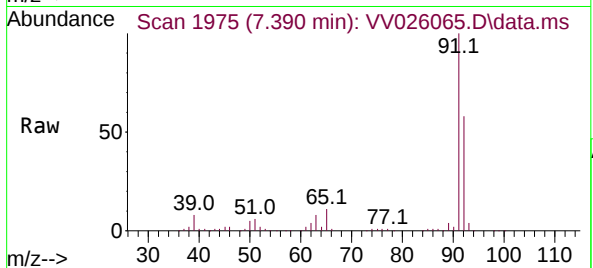
EXYW2MSD

Tgt Ion: 91 Resp: 220694

Ion Ratio Lower Upper

91 100

92 58.2 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.738 ug/L

RT: 7.657 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VV026065.D

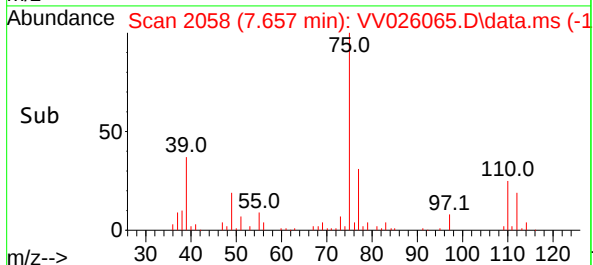
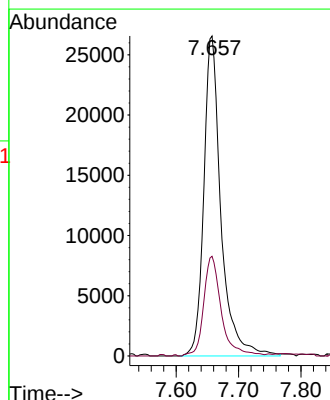
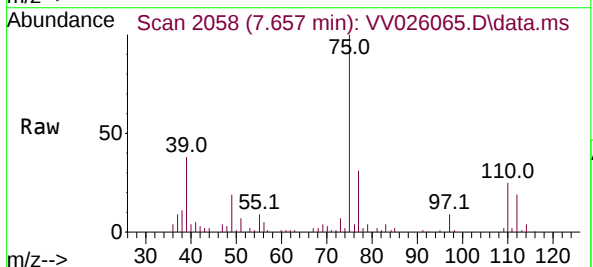
Acq: 09 Jun 2022 19:21

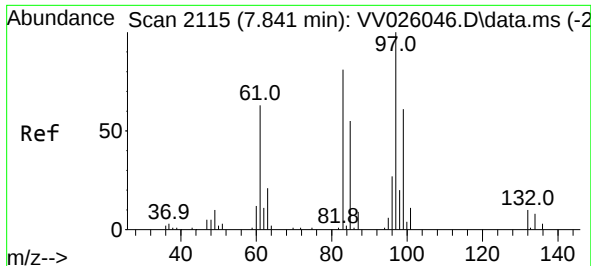
Tgt Ion: 75 Resp: 50818

Ion Ratio Lower Upper

75 100

77 31.2 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 4.820 ug/L

RT: 7.844 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV026065.D

Acq: 09 Jun 2022 19:21

Instrument :

MSVOA_V

ClientSampleId :

EXYW2MSD

Tgt Ion: 97 Resp: 34778

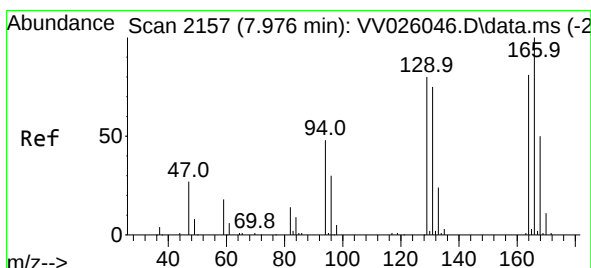
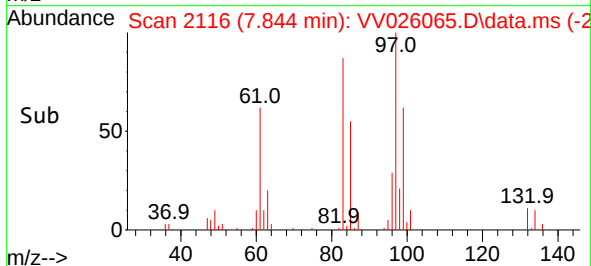
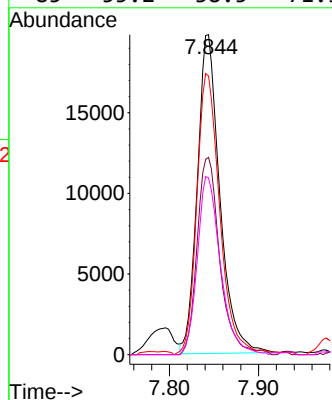
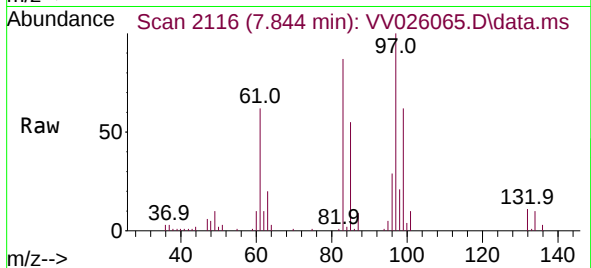
Ion Ratio Lower Upper

97 100

99 61.7 43.5 80.7

83 87.1 59.6 110.8

85 55.2 38.5 71.5



#47

Tetrachloroethene

Concen: 4.986 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV026065.D

Acq: 09 Jun 2022 19:21

Tgt Ion: 164 Resp: 46228

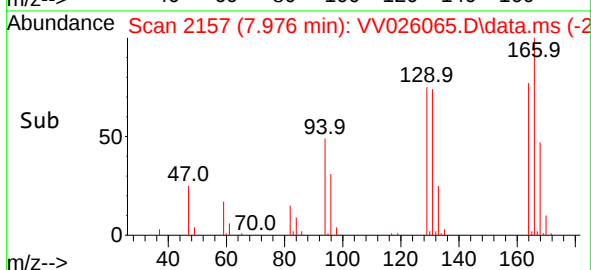
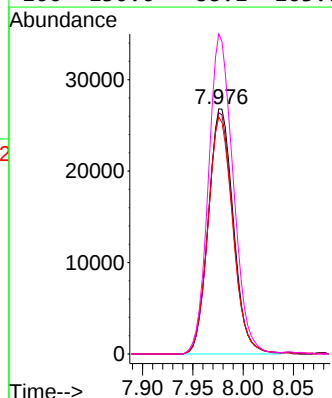
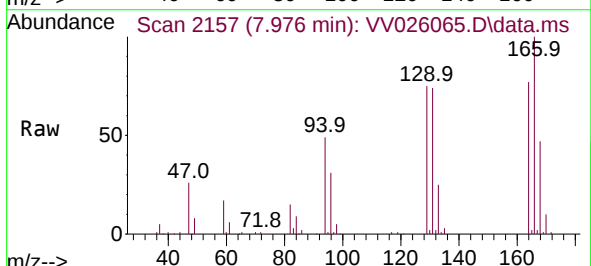
Ion Ratio Lower Upper

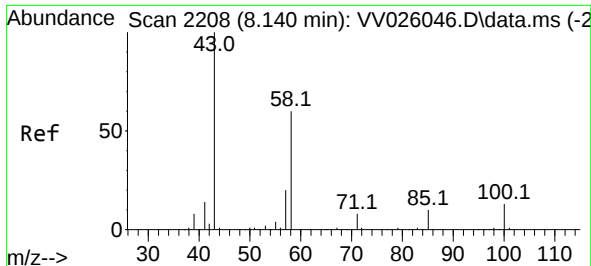
164 100

129 98.4 68.3 126.9

131 96.7 66.5 123.5

166 130.6 88.1 163.7

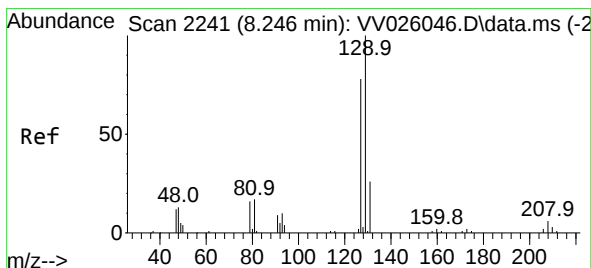
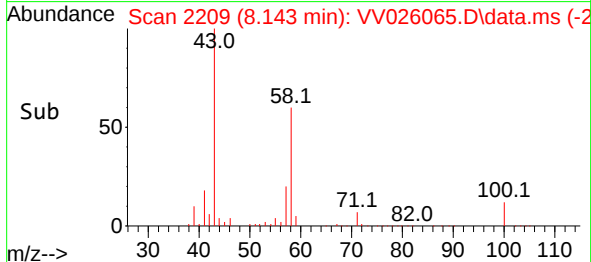
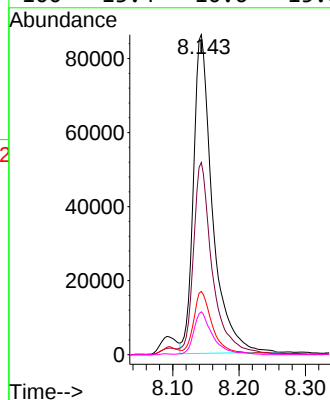
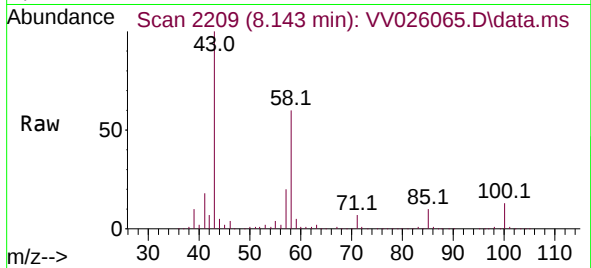




#48
2-Hexanone
Concen: 53.428 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

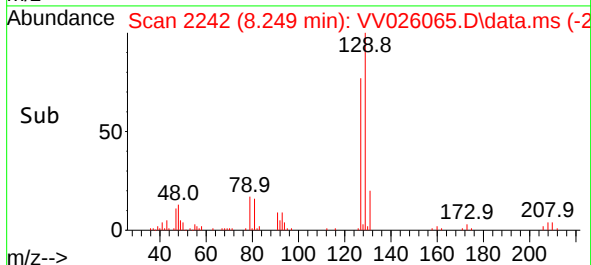
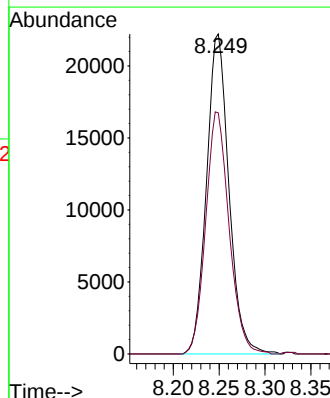
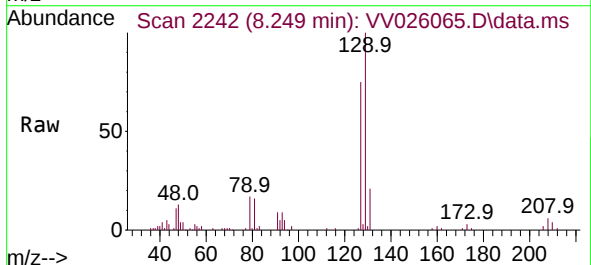
Instrument :
MSVOA_V
ClientSampleId :
EXYW2MSD

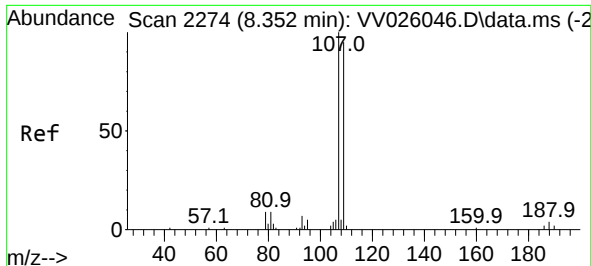
Tgt Ion: 43 Resp: 172131
Ion Ratio Lower Upper
43 100
58 59.1 47.4 71.2
57 19.3 15.5 23.3
100 13.4 10.6 15.8



#49
Dibromochloromethane
Concen: 4.803 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

Tgt Ion: 129 Resp: 37825
Ion Ratio Lower Upper
129 100
127 75.3 55.9 103.7

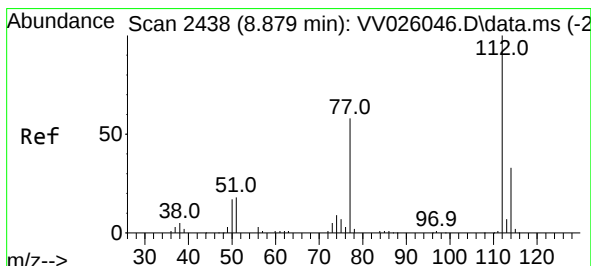
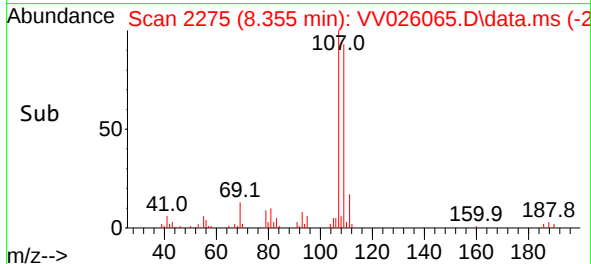
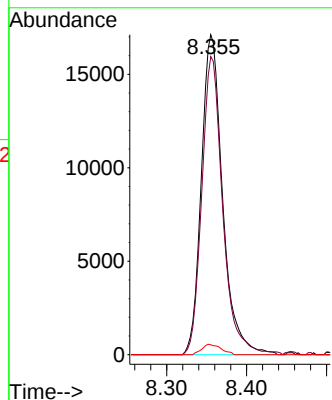
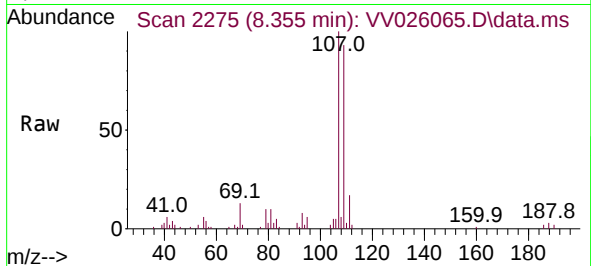




#50
1,2-Dibromoethane
Concen: 4.939 ug/L
RT: 8.355 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

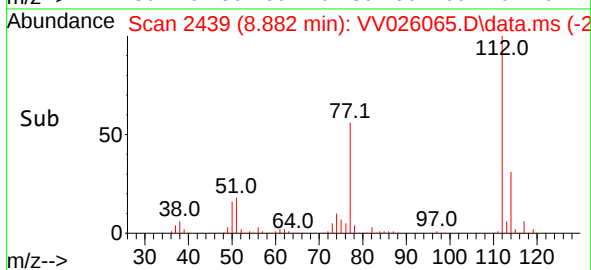
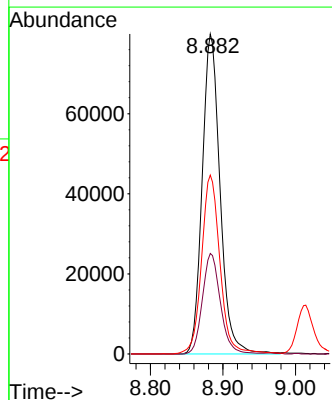
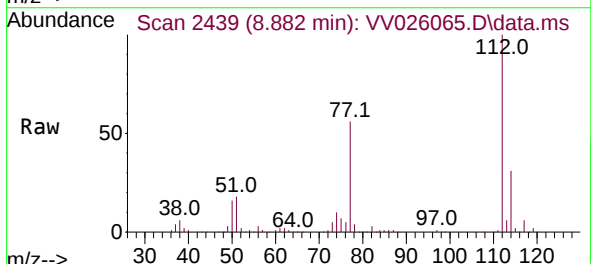
Instrument :
MSVOA_V
ClientSampleId :
EXYW2MSD

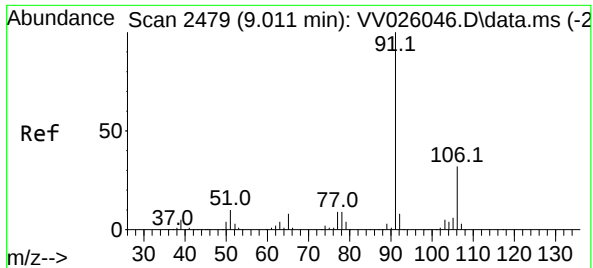
Tgt Ion:107 Resp: 31705
Ion Ratio Lower Upper
107 100
109 93.2 64.8 120.3
188 3.1 2.7 4.1



#51
Chlorobenzene
Concen: 4.389 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

Tgt Ion:112 Resp: 136825
Ion Ratio Lower Upper
112 100
114 31.4 22.3 41.5
77 55.9 44.6 66.8

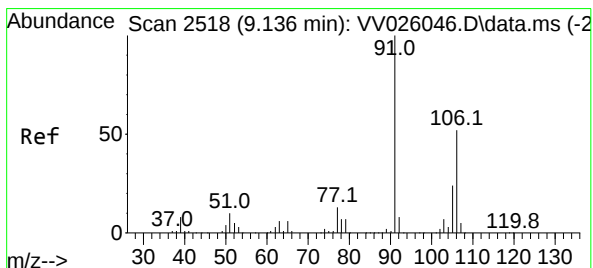
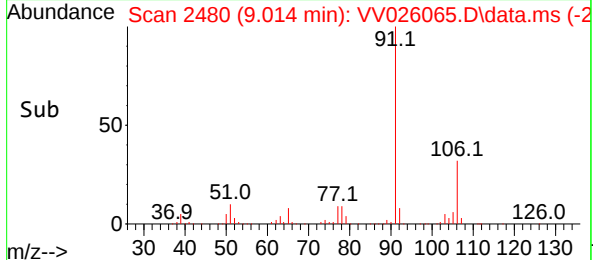
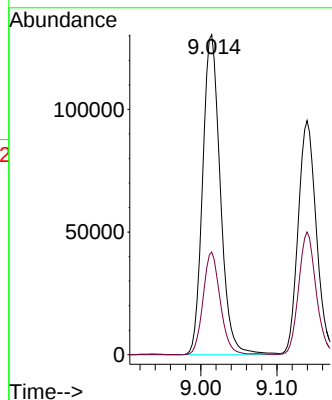
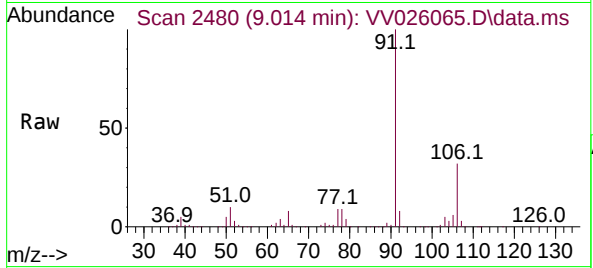




#52
Ethylbenzene
Concen: 4.205 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

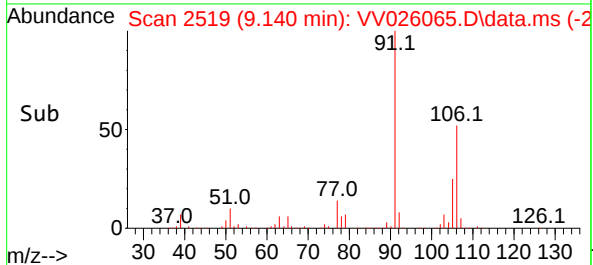
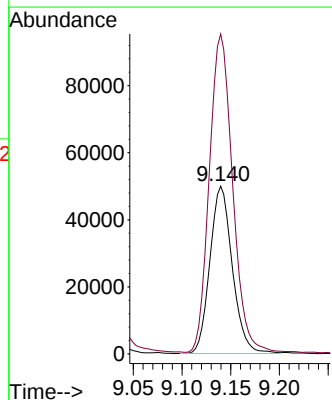
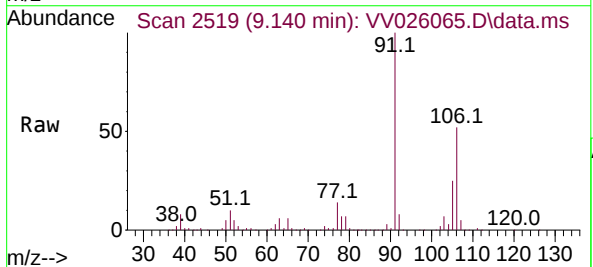
Instrument :
MSVOA_V
ClientSampleId :
EXYW2MSD

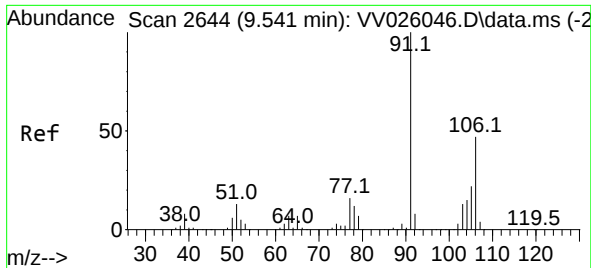
Tgt Ion: 91 Resp: 211112
Ion Ratio Lower Upper
91 100
106 32.1 21.8 40.6



#53
m,p-Xylene
Concen: 4.108 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

Tgt Ion: 106 Resp: 79720
Ion Ratio Lower Upper
106 100
91 190.7 140.4 260.8

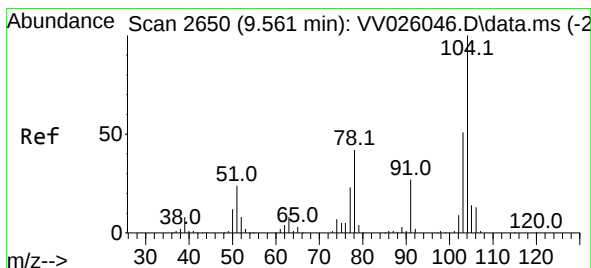
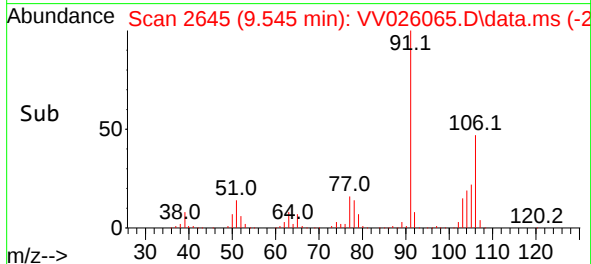
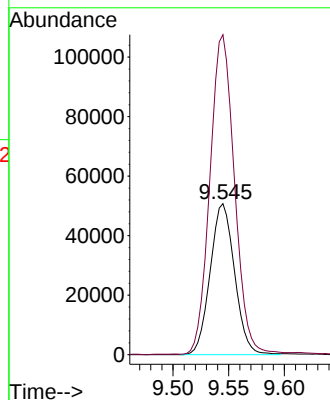
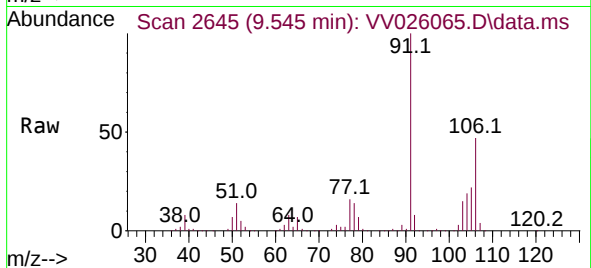




#54
o-Xylene
Concen: 4.191 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

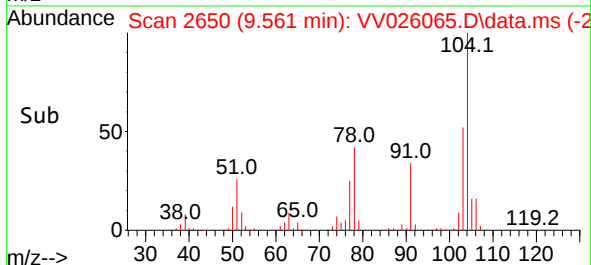
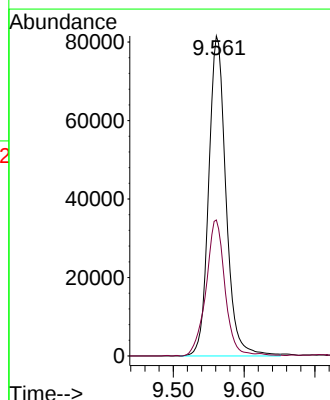
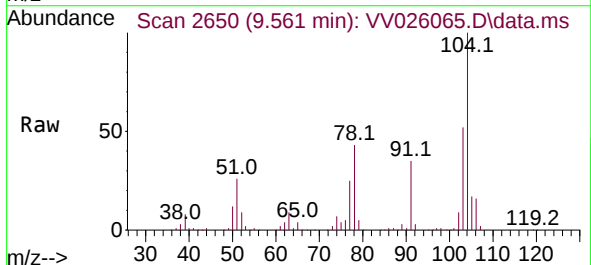
Instrument :
MSVOA_V
ClientSampleId :
EXYW2MSD

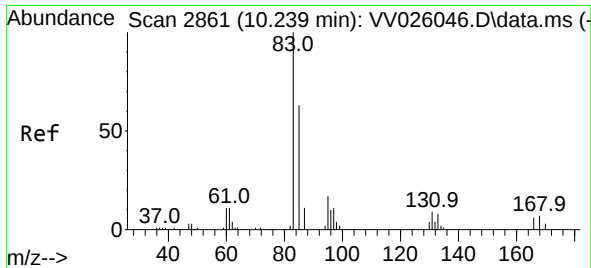
Tgt Ion:106 Resp: 77326
Ion Ratio Lower Upper
106 100
91 211.9 145.4 270.0



#55
Styrene
Concen: 4.473 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

Tgt Ion:104 Resp: 138238
Ion Ratio Lower Upper
104 100
78 42.5 29.1 54.1

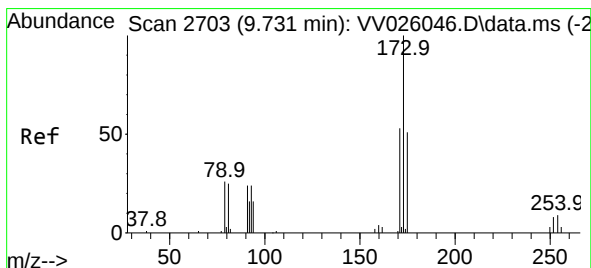
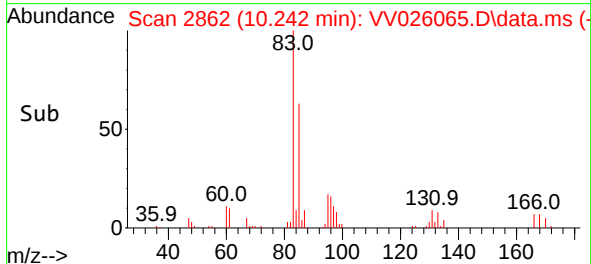
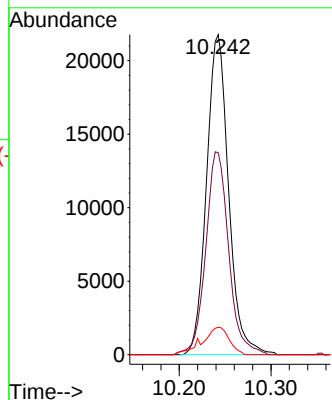
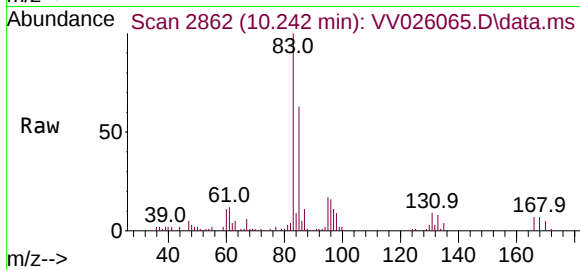




#57
1,1,2,2-Tetrachloroethane
Concen: 4.714 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

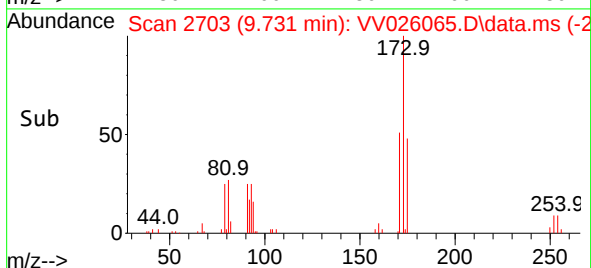
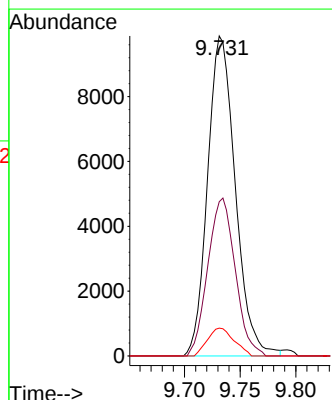
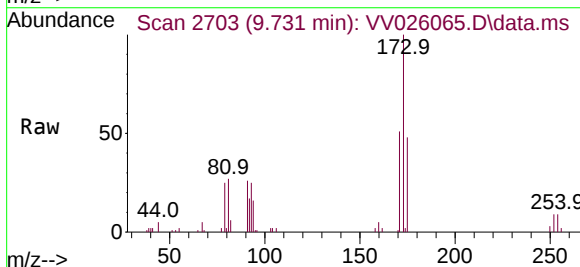
Instrument :
MSVOA_V
ClientSampleId :
EXYW2MSD

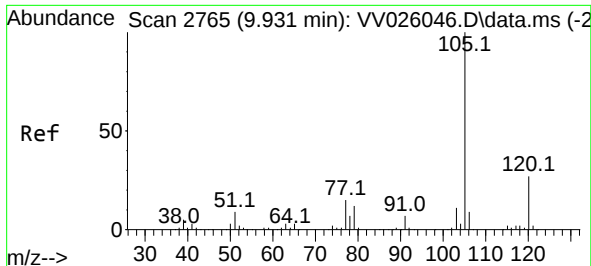
Tgt Ion: 83 Resp: 36410
Ion Ratio Lower Upper
83 100
85 63.1 46.4 86.2
131 8.6 7.1 10.7



#59
Bromoform
Concen: 5.067 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

Tgt Ion: 173 Resp: 17092
Ion Ratio Lower Upper
173 100
175 48.7 38.8 58.2
254 8.3 6.9 10.3

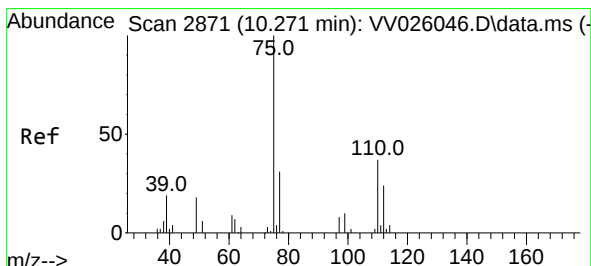
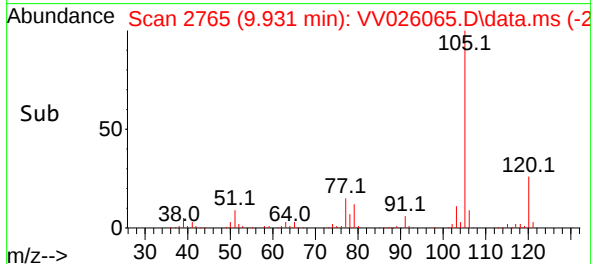
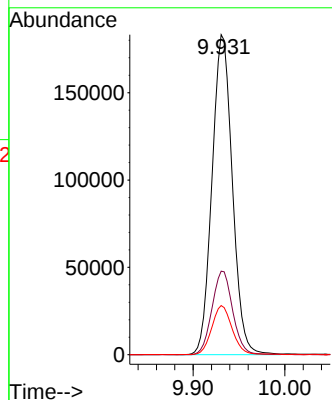
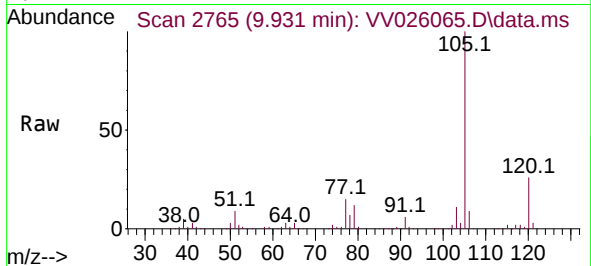




#60
Isopropylbenzene
Concen: 5.894 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

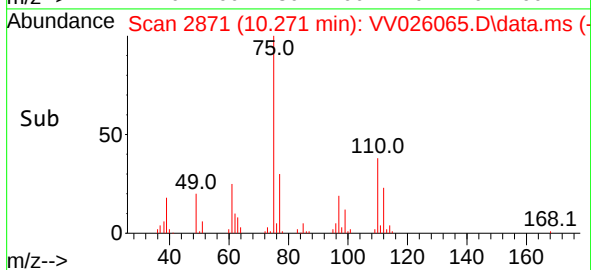
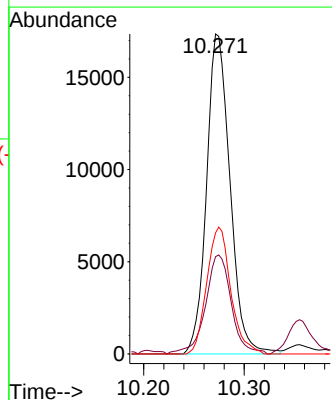
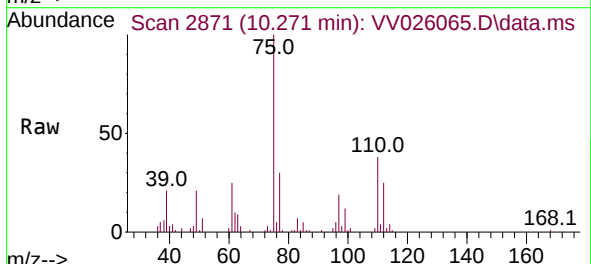
Instrument :
MSVOA_V
ClientSampleId :
EXYW2MSD

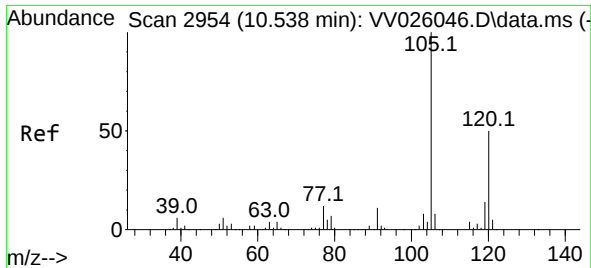
Tgt Ion:105 Resp: 281617
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.5 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 5.016 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

Tgt Ion: 75 Resp: 28147
Ion Ratio Lower Upper
75 100
77 33.9 26.6 40.0
110 40.6 32.0 48.0

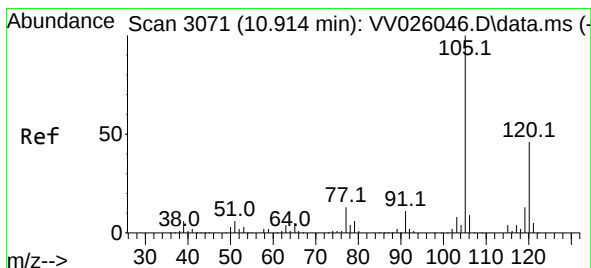
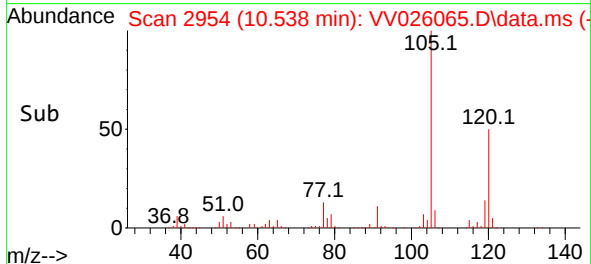
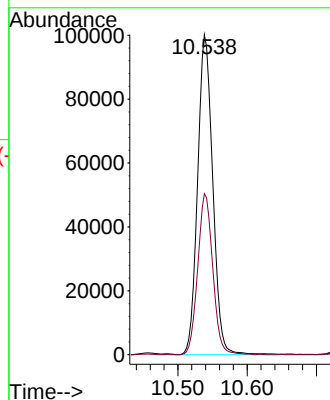
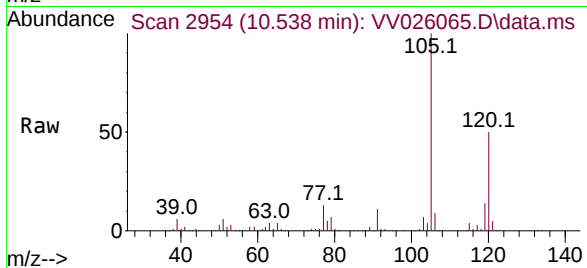




#62
1,3,5-Trimethylbenzene
Concen: 4.036 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

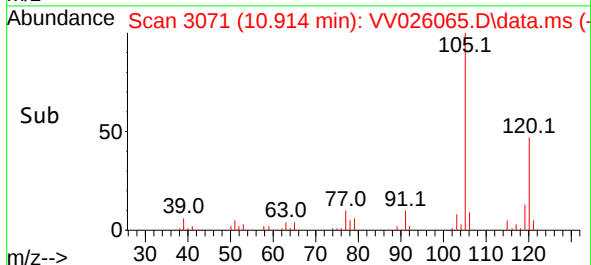
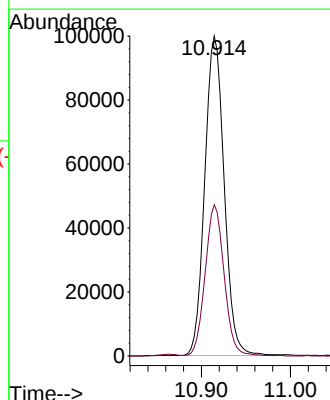
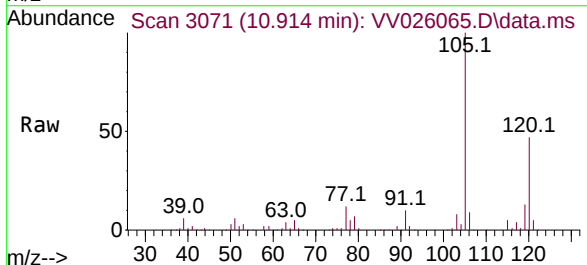
Instrument :
MSVOA_V
ClientSampleId :
EXYW2MSD

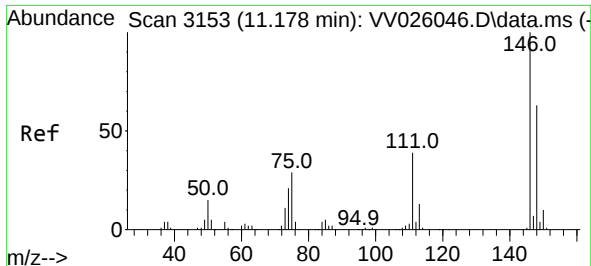
Tgt Ion:105 Resp: 152703
Ion Ratio Lower Upper
105 100
120 49.9 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 4.006 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

Tgt Ion:105 Resp: 150932
Ion Ratio Lower Upper
105 100
120 45.9 36.7 55.1

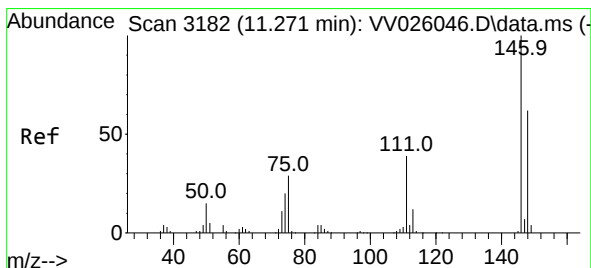
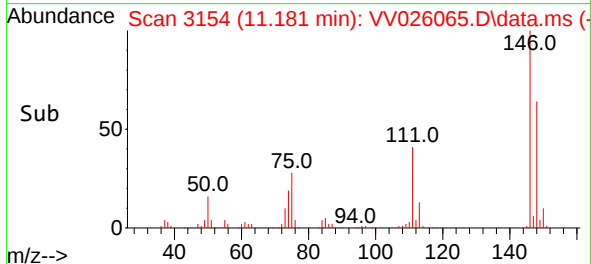
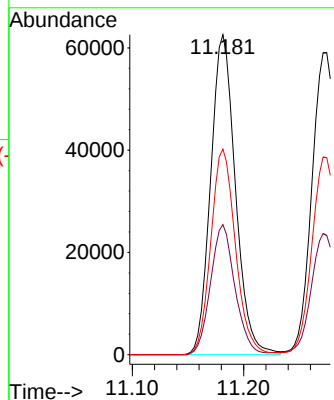
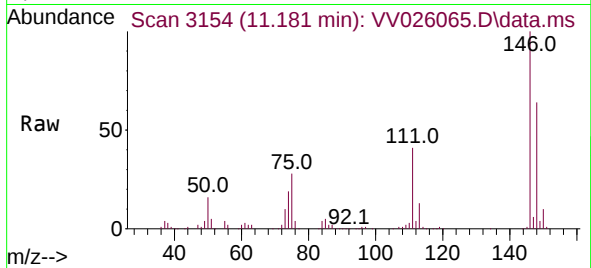




#64
1,3-Dichlorobenzene
Concen: 4.255 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

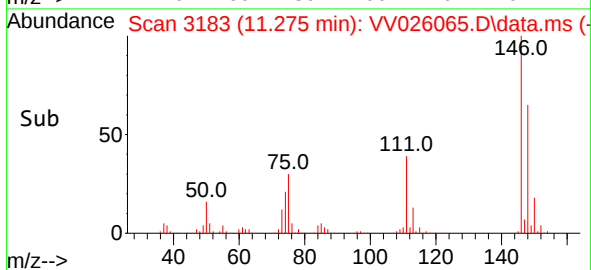
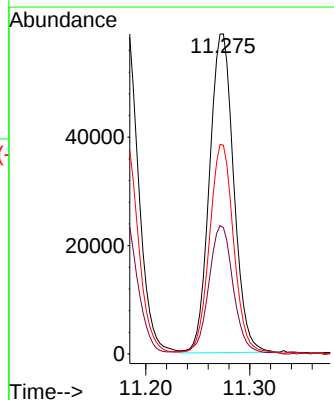
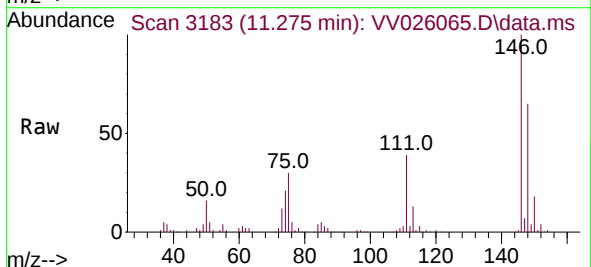
Instrument :
MSVOA_V
ClientSampleId :
EXYW2MSD

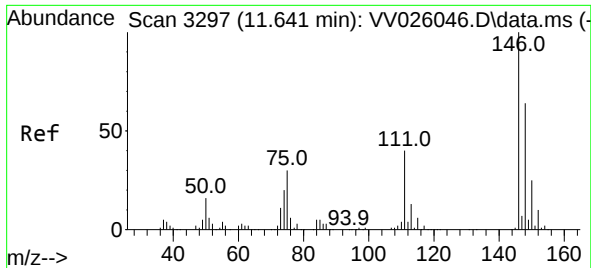
Tgt Ion:146 Resp: 96595
Ion Ratio Lower Upper
146 100
111 40.7 27.9 51.9
148 64.3 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 4.123 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV026065.D
Acq: 09 Jun 2022 19:21

Tgt Ion:146 Resp: 95295
Ion Ratio Lower Upper
146 100
111 39.5 27.1 50.3
148 65.2 43.8 81.4

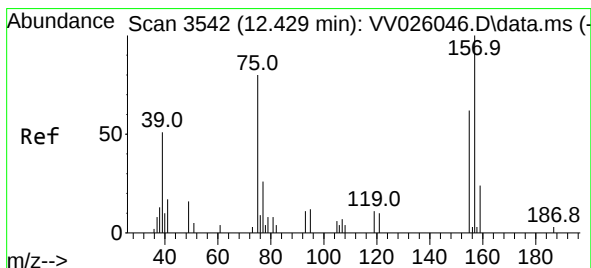
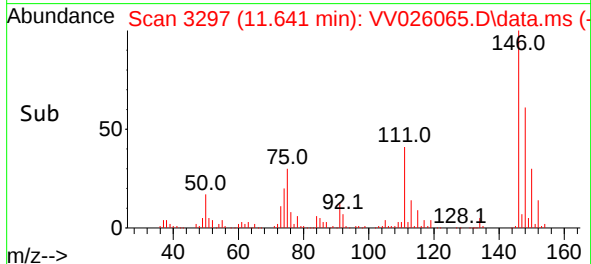
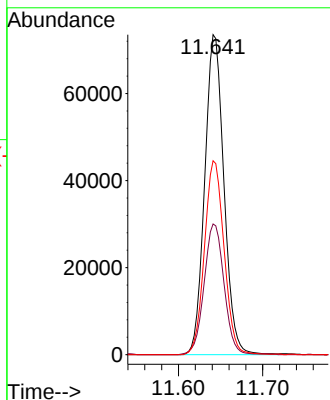
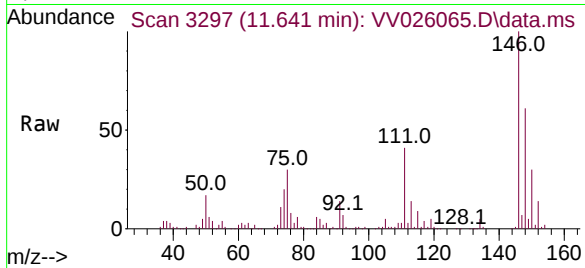




#67
 1,2-Dichlorobenzene
 Concen: 5.823 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. 0.000 min
 Lab File: VV026065.D
 Acq: 09 Jun 2022 19:21

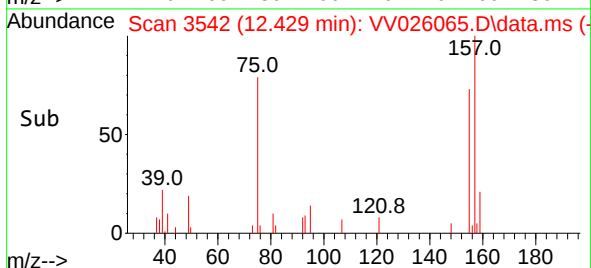
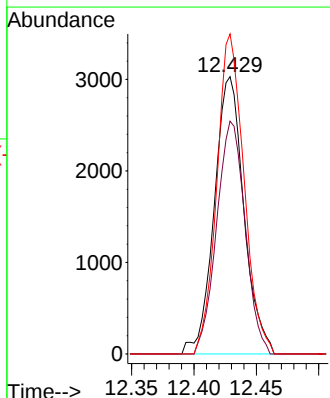
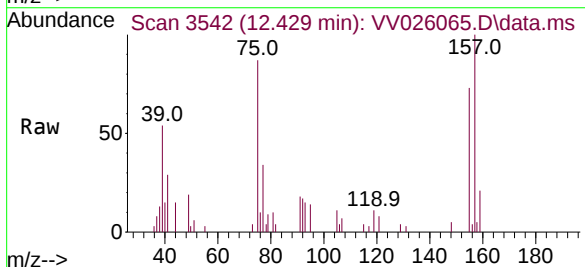
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW2MSD

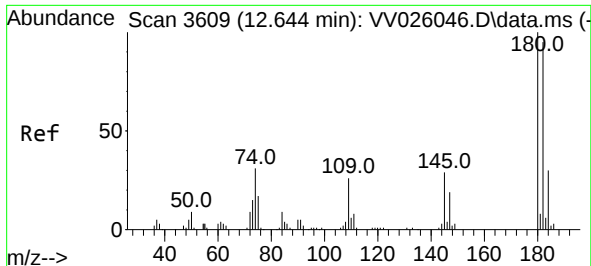
Tgt Ion:146 Resp: 116893
 Ion Ratio Lower Upper
 146 100
 111 40.8 33.9 50.9
 148 60.6 50.6 76.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.017 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. 0.000 min
 Lab File: VV026065.D
 Acq: 09 Jun 2022 19:21

Tgt Ion: 75 Resp: 5003
 Ion Ratio Lower Upper
 75 100
 155 83.9 68.0 102.0
 157 115.4 89.7 134.5





#69

1,3,5-Trichlorobenzene

Concen: 3.681 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV026065.D

Acq: 09 Jun 2022 19:21

Instrument :

MSVOA_V

ClientSampleId :

EXYW2MSD

Tgt Ion:180 Resp: 60511

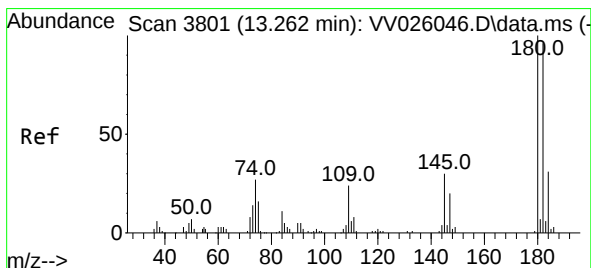
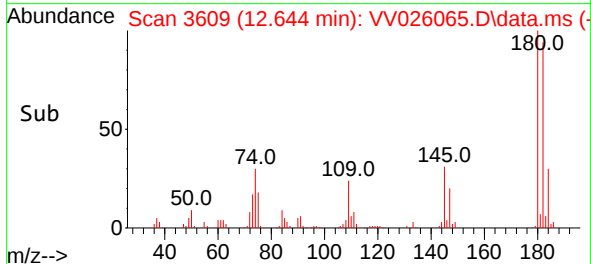
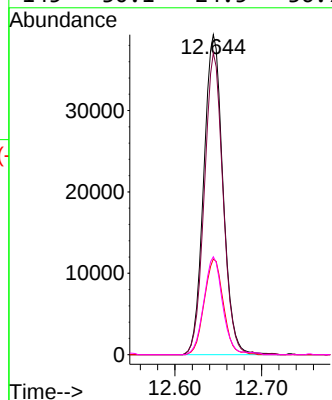
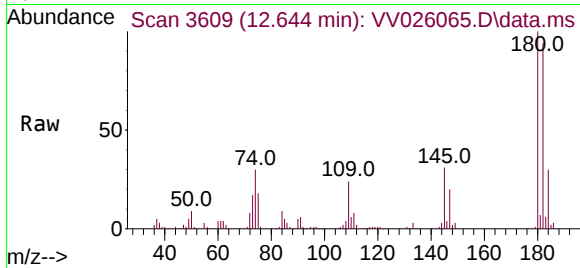
Ion Ratio Lower Upper

180 100

182 91.9 76.3 114.5

184 29.7 24.0 36.0

145 30.1 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.003 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV026065.D

Acq: 09 Jun 2022 19:21

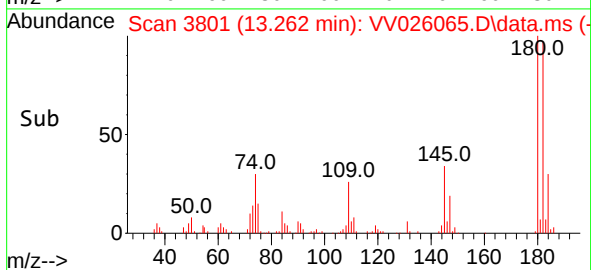
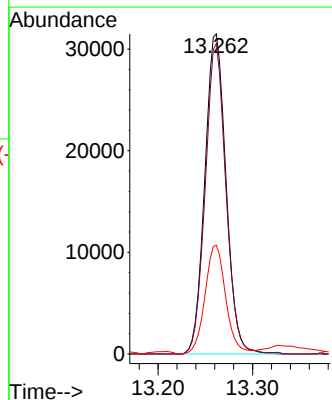
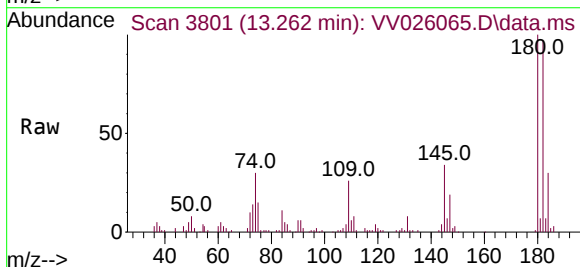
Tgt Ion:180 Resp: 49047

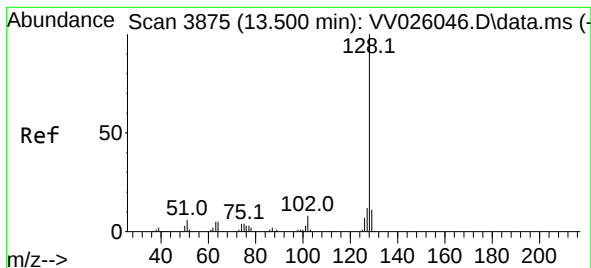
Ion Ratio Lower Upper

180 100

182 94.5 74.2 111.4

145 33.3 24.1 36.1





#71

Naphthalene

Concen: 7.079 ug/L

RT: 13.503 min Scan# 3875

Delta R.T. 0.003 min

Lab File: VV026065.D

Acq: 09 Jun 2022 19:21

Instrument :

MSVOA_V

ClientSampleId :

EXYW2MSD

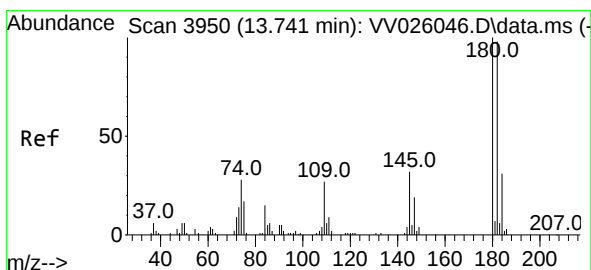
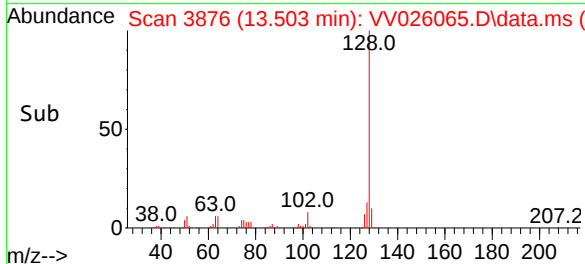
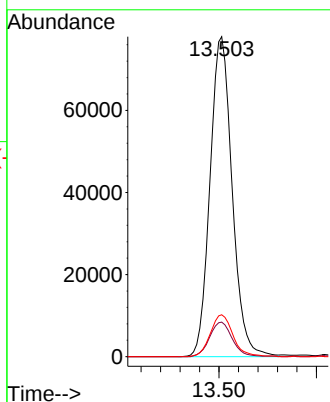
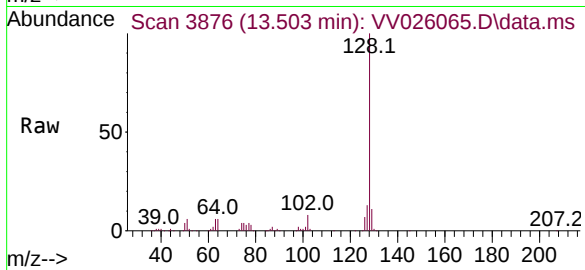
Tgt Ion:128 Resp: 123246

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.5 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 4.361 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV026065.D

Acq: 09 Jun 2022 19:21

Tgt Ion:180 Resp: 45235

Ion Ratio Lower Upper

180 100

182 94.4 74.0 111.0

145 35.2 25.5 38.3

