

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060922\
 Data File : VW026064.D
 Acq On : 09 Jun 2022 18:57
 Operator : SY/MD
 Sample : N3247-05MS
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW2MS

Quant Time: Jun 10 02:54:38 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	164823	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	157787	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	80383	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	40933	4.231	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.584	69	46685	4.615	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.124	63	102307	4.578	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	3.912	46	85504	59.751	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.500%
24) Chloroform-d	4.362	84	105760	5.158	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.043	65	44257	5.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.059	84	186569	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.079	67	62072	5.262	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.320	98	164916	4.894	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	7.628	79	17657	5.084	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.600%
46) 2-Hexanone-d5	8.091	63	83942	54.926	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.860%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44784	5.631	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	65285	5.309	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.146	85	75726	4.668	ug/L	98
3) Chloromethane	1.256	50	95742	5.271	ug/L	99
5) Vinyl chloride	1.326	62	122640	6.466	ug/L	98
6) Bromomethane	1.539	94	52271	4.754	ug/L	99
8) Chloroethane	1.600	64	655476	56.187	ug/L	100
9) Trichlorofluoromethane	1.767	101	116767	4.829	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	59328	4.306	ug/L	99
12) 1,1-Dichloroethene	2.133	96	66364	5.005	ug/L	94
13) Acetone	2.198	43	51071	44.749	ug/L	76
14) Carbon disulfide	2.307	76	183480	4.850	ug/L	98
15) Methyl Acetate	2.455	43	10640	2.853	ug/L #	63
16) Methylene chloride	2.523	84	65519	4.960	ug/L	99
17) Methyl tert-butyl Ether	2.786	73	114218	5.307	ug/L	99
18) trans-1,2-Dichloroethene	2.777	96	71495	5.718	ug/L	98
19) 1,1-Dichloroethane	3.204	63	1072484	47.159	ug/L	99
21) 2-Butanone	3.995	43	80073	53.862	ug/L	93
22) cis-1,2-Dichloroethene	3.928	96	110720	8.985	ug/L	97
23) Bromochloromethane	4.265	128	26959	5.204	ug/L	97
25) Chloroform	4.391	83	123596	5.294	ug/L	99

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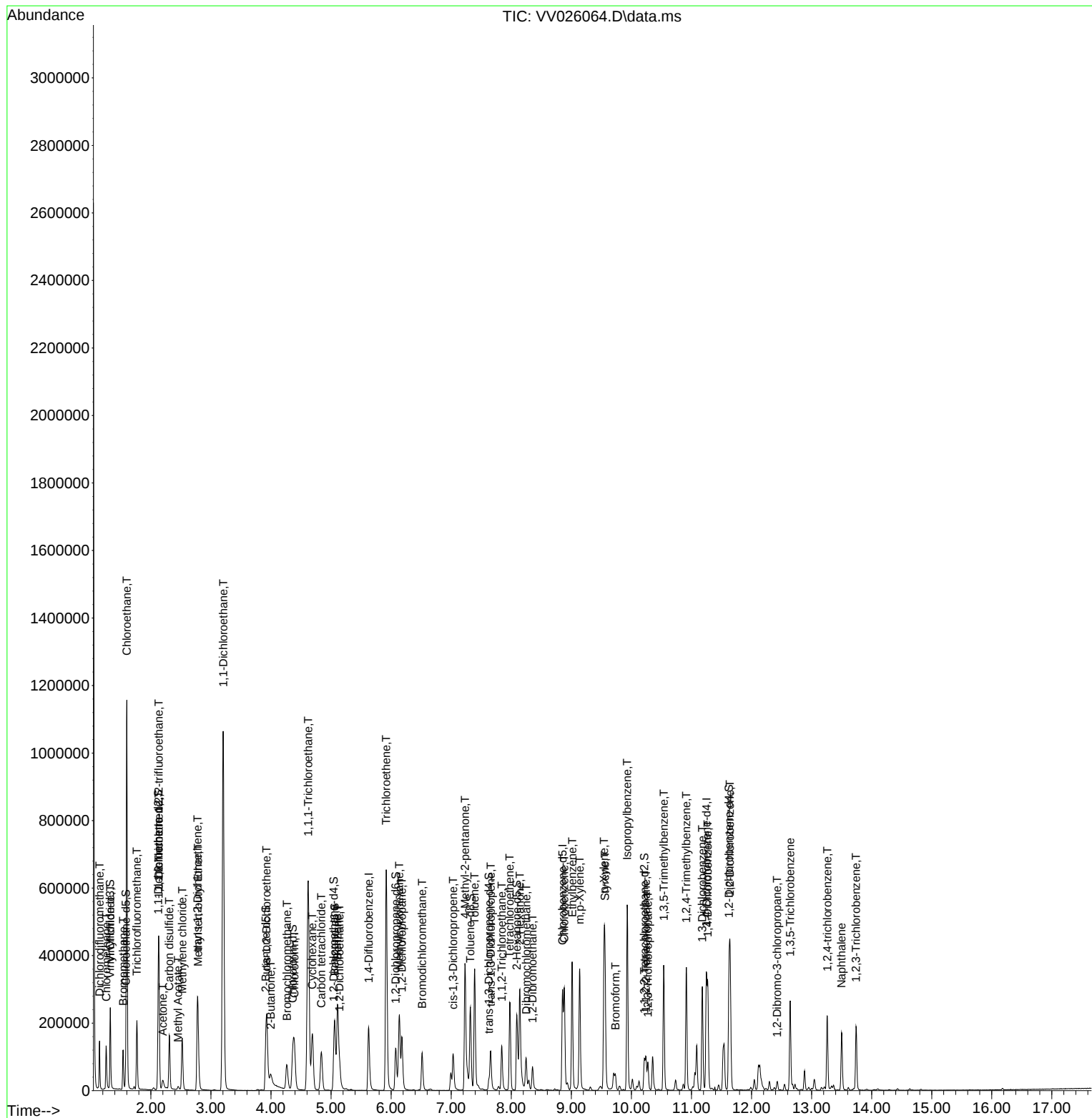
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	61835	5.357	ug/L	98
29) 1,1,1-Trichloroethane	4.619	97	504144	24.349	ug/L	99
30) Cyclohexane	4.690	56	83199	4.620	ug/L	99
31) Carbon tetrachloride	4.838	117	85812	5.047	ug/L	98
33) Benzene	5.108	78	258146	5.206	ug/L	100
34) Trichloroethene	5.918	95	231723	17.887	ug/L	99
35) Methylcyclohexane	6.137	83	87432	4.378	ug/L	97
37) 1,2-Dichloropropane	6.178	63	65586	5.458	ug/L	100
38) Bromodichloromethane	6.516	83	76313	5.257	ug/L	99
39) cis-1,3-Dichloropropene	7.034	75	71882	4.854	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	279500	56.935	ug/L	97
42) Toluene	7.390	91	268151	5.176	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	58943	5.081	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	42966	5.506	ug/L	97
47) Tetrachloroethene	7.976	164	58120	5.796	ug/L	98
48) 2-Hexanone	8.143	43	197406	56.651	ug/L	98
49) Dibromochloromethane	8.249	129	43760	5.137	ug/L	99
50) 1,2-Dibromoethane	8.355	107	36949	5.321	ug/L	98
51) Chlorobenzene	8.882	112	164187	4.869	ug/L	99
52) Ethylbenzene	9.014	91	262500	4.834	ug/L	99
53) m,p-Xylene	9.140	106	98732	4.704	ug/L	98
54) o-Xylene	9.545	106	96552	4.839	ug/L	97
55) Styrene	9.561	104	171177	5.121	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	43772	5.239	ug/L	99
59) Bromoform	9.734	173	19870	5.269	ug/L	97
60) Isopropylbenzene	9.931	105	342874	6.419	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	33400	5.324	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	191621	4.529	ug/L	97
63) 1,2,4-Trimethylbenzene	10.914	105	194878	4.626	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	121189	4.775	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	118927	4.602	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	138144	6.155	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6293	5.644	ug/L	87
69) 1,3,5-Trichlorobenzene	12.644	180	78153	4.252	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	62358	4.552	ug/L	98
71) Naphthalene	13.500	128	134502	6.910	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	54961	4.740	ug/L	95

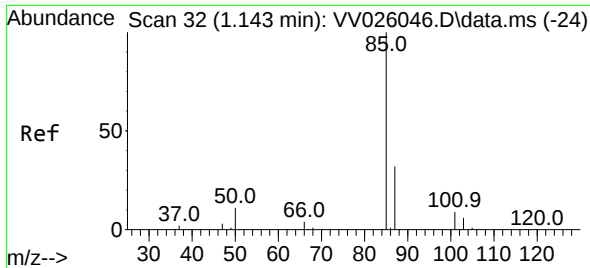
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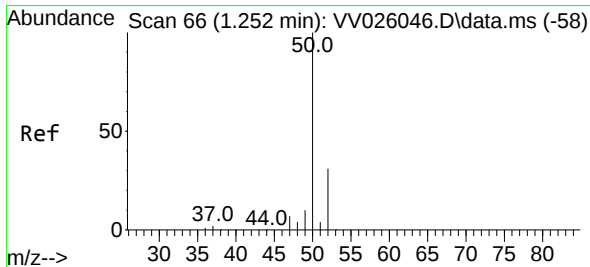
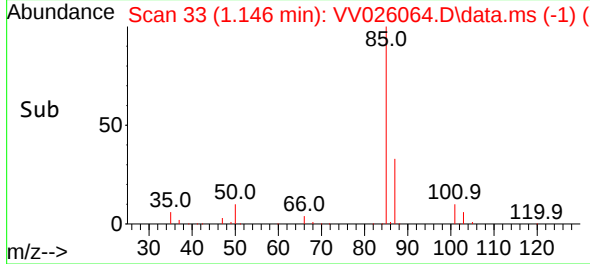
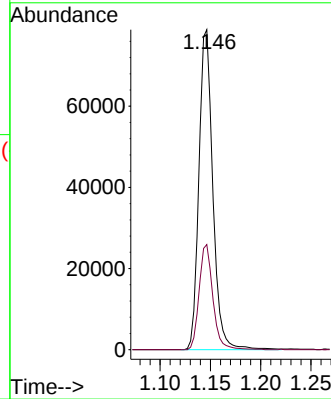
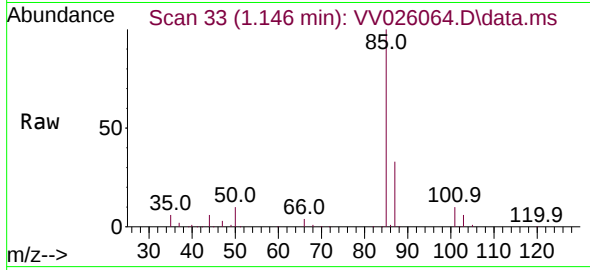




#2
 Dichlorodifluoromethane
 Concen: 4.668 ug/L
 RT: 1.146 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV026064.D
 Acq: 09 Jun 2022 18:57

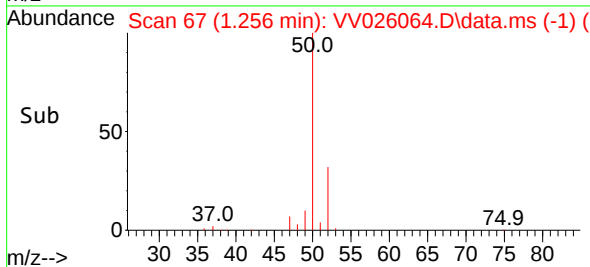
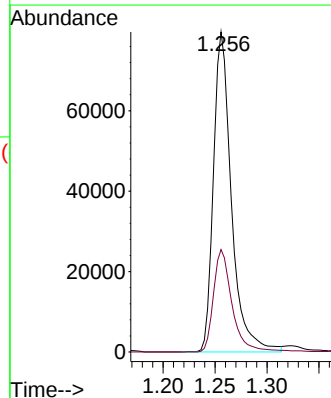
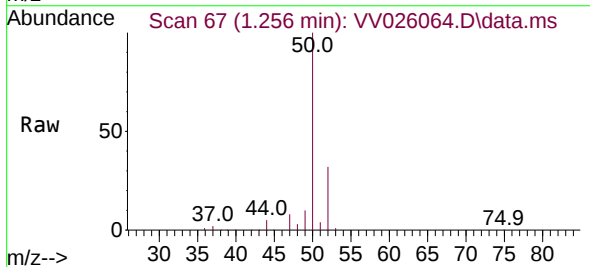
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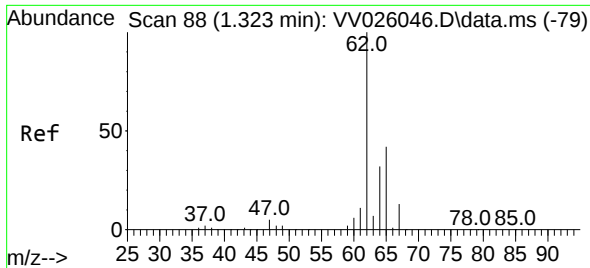
Tgt Ion: 85 Resp: 75726
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.3 37.9



#3
 Chloromethane
 Concen: 5.271 ug/L
 RT: 1.256 min Scan# 67
 Delta R.T. 0.003 min
 Lab File: VV026064.D
 Acq: 09 Jun 2022 18:57

Tgt Ion: 50 Resp: 95742
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.0 42.6

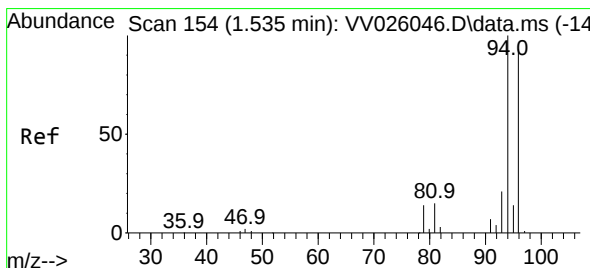
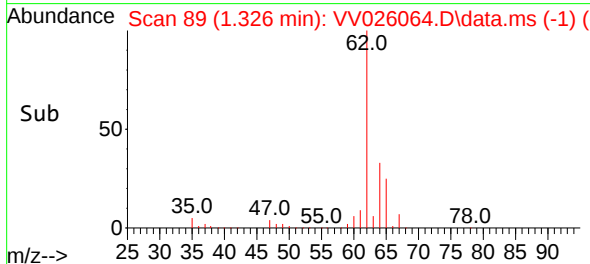
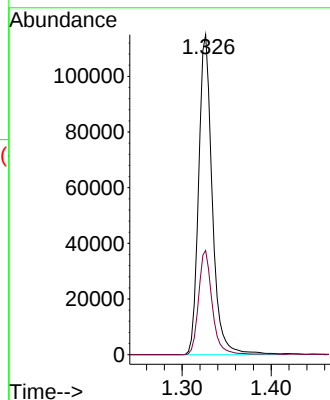
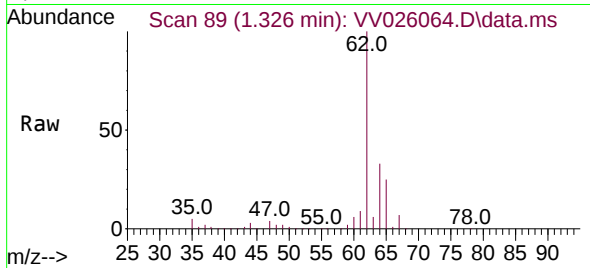




#5
 Vinyl chloride
 Concen: 6.466 ug/L
 RT: 1.326 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VV026064.D
 Acq: 09 Jun 2022 18:57

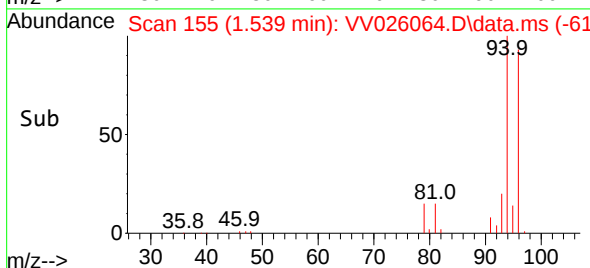
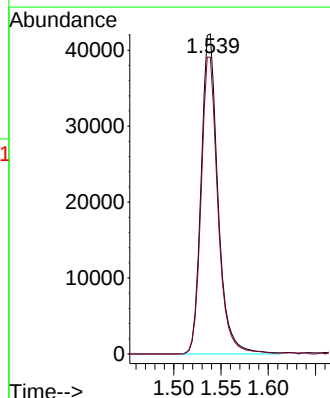
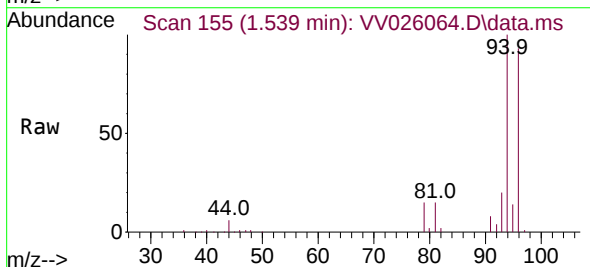
Instrument :
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 ClientSampleId :
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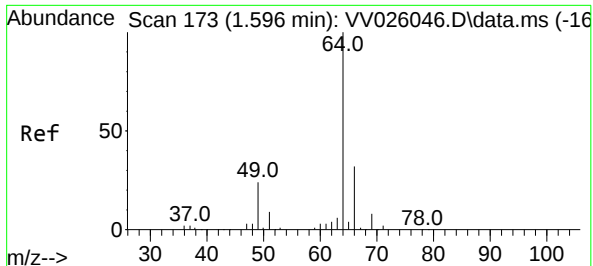
Tgt Ion: 62 Resp: 122640
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.4 43.4



#6
 Bromomethane
 Concen: 4.754 ug/L
 RT: 1.539 min Scan# 155
 Delta R.T. 0.003 min
 Lab File: VV026064.D
 Acq: 09 Jun 2022 18:57

Tgt Ion: 94 Resp: 52271
 Ion Ratio Lower Upper
 94 100
 96 92.8 65.5 121.6

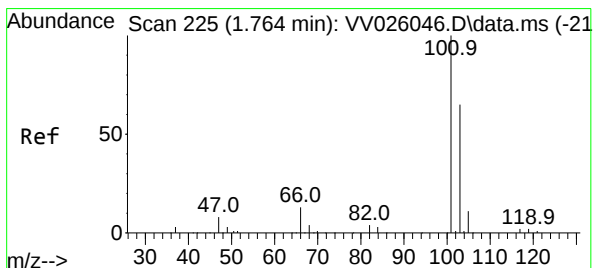
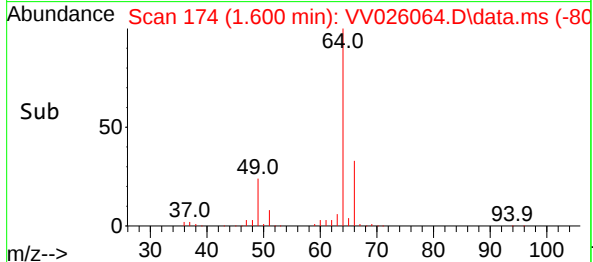
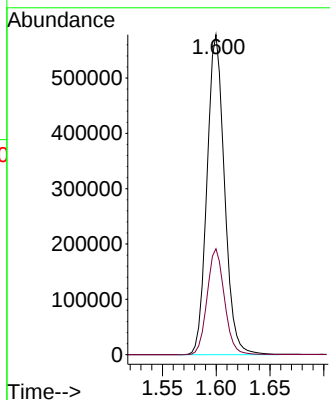
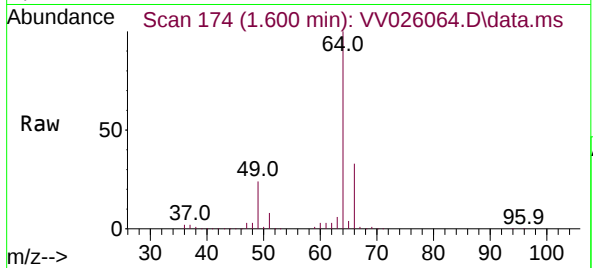




#8
Chloroethane
Concen: 56.187 ug/L
RT: 1.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026064.D
Acq: 09 Jun 2022 18:57

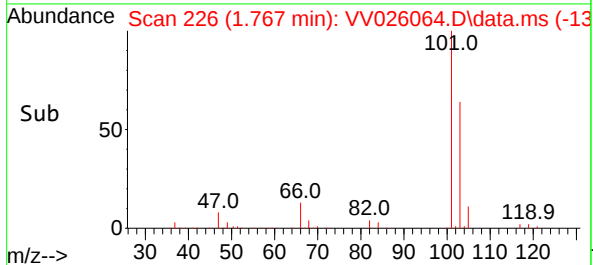
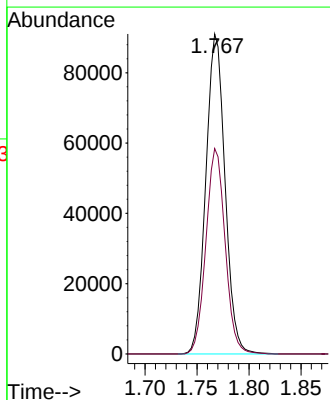
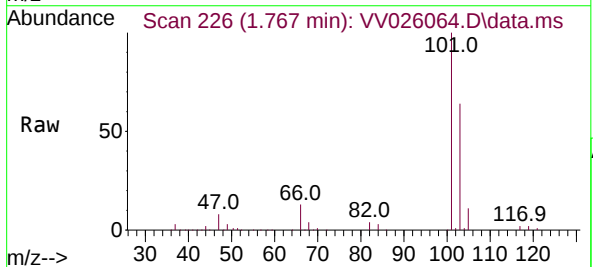
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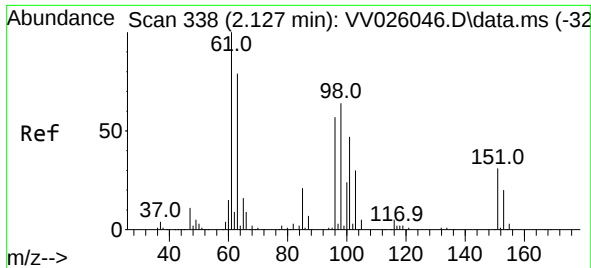
Tgt Ion: 64 Resp: 655476
Ion Ratio Lower Upper
64 100
66 33.1 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.829 ug/L
RT: 1.767 min Scan# 226
Delta R.T. 0.003 min
Lab File: VV026064.D
Acq: 09 Jun 2022 18:57

Tgt Ion:101 Resp: 116767
Ion Ratio Lower Upper
101 100
103 64.3 52.6 78.8

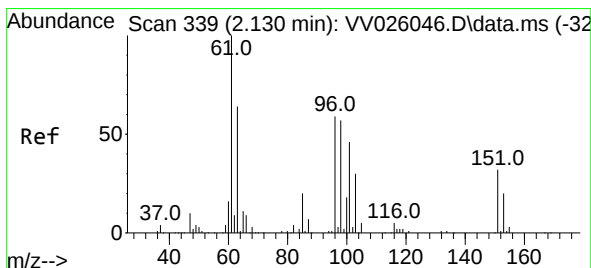
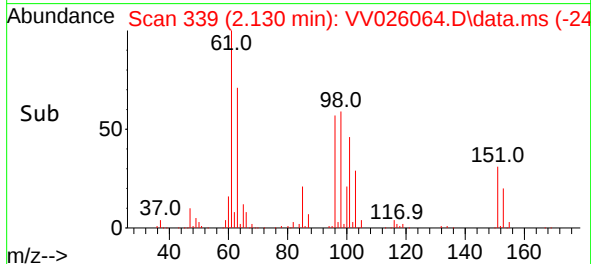
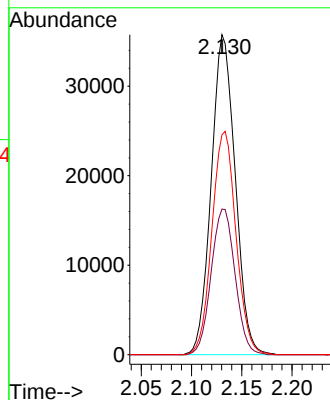
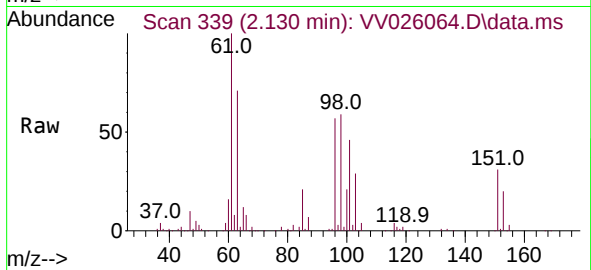




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.306 ug/L
RT: 2.130 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV026064.D
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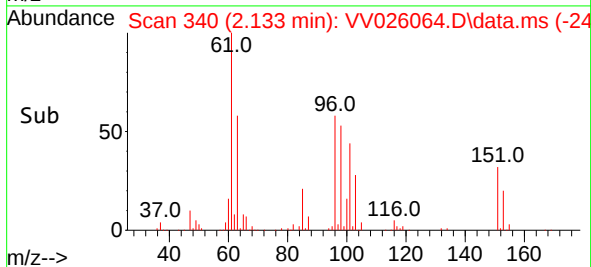
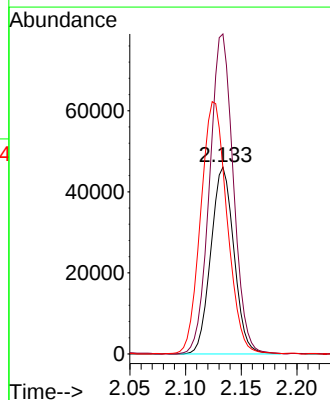
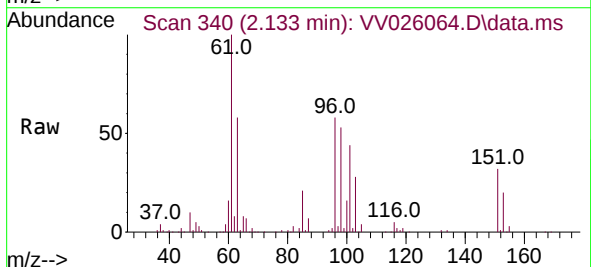
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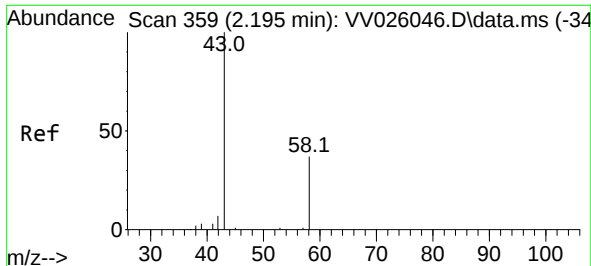
Tgt Ion:101 Resp: 59328
Ion Ratio Lower Upper
101 100
85 45.3 35.6 53.4
151 70.2 56.4 84.6



#12
1,1-Dichloroethene
Concen: 5.005 ug/L
RT: 2.133 min Scan# 340
Delta R.T. 0.003 min
Lab File: VV026064.D
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Tgt Ion: 96 Resp: 66364
Ion Ratio Lower Upper
96 100
61 171.4 122.6 227.6
63 99.7 78.5 145.9

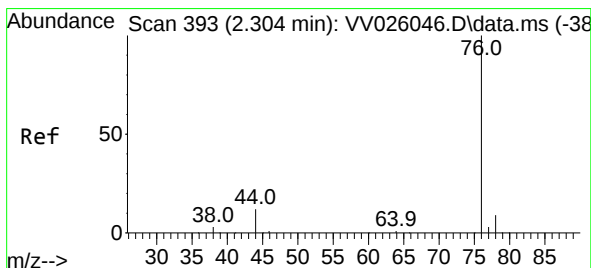
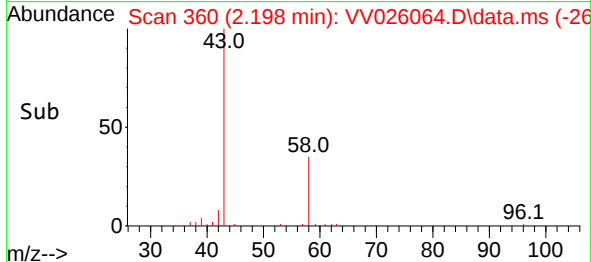
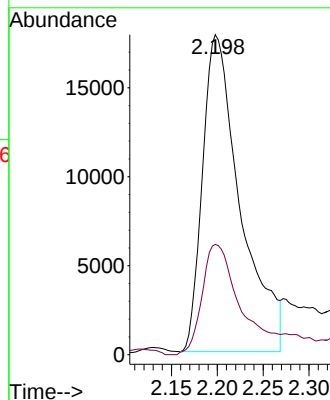
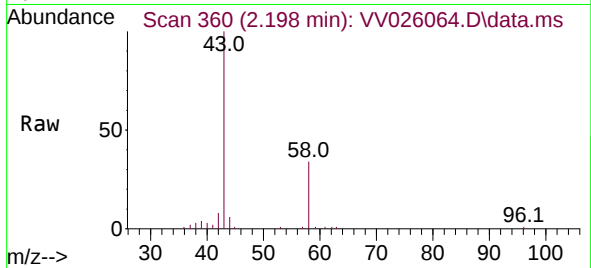




#13
Acetone
Concen: 44.749 ug/L
RT: 2.198 min Scan# 30
Delta R.T. 0.003 min
Lab File: VV026064.D
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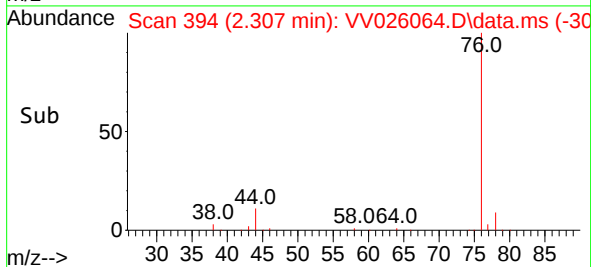
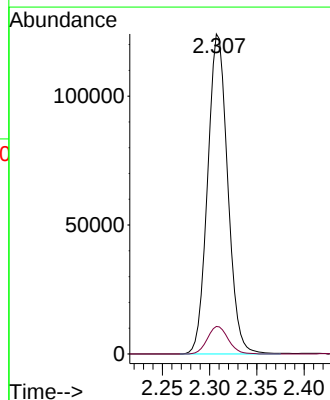
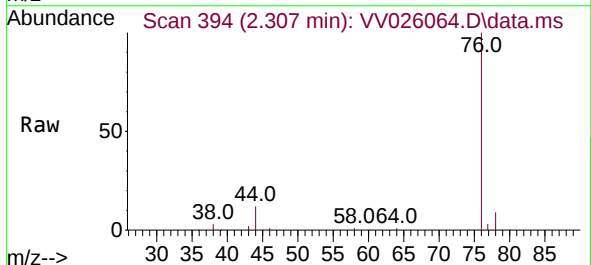
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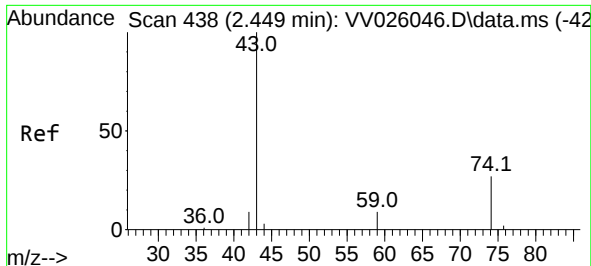
Tgt Ion: 43 Resp: 51071
Ion Ratio Lower Upper
43 100
58 35.5 0.0 47.6



#14
Carbon disulfide
Concen: 4.850 ug/L
RT: 2.307 min Scan# 394
Delta R.T. 0.003 min
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Tgt Ion: 76 Resp: 183480
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0





#15

Methyl Acetate

Concen: 2.853 ug/L

RT: 2.455 min Scan# 441

Delta R.T. 0.006 min

Lab File: VV026064.D

Acq: 09 Jun 2022 18:57

Instrument :

MSVOA_V

ClientSampleId :

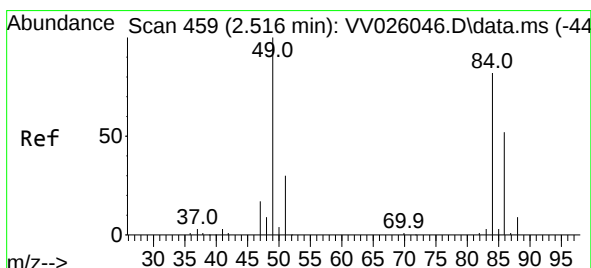
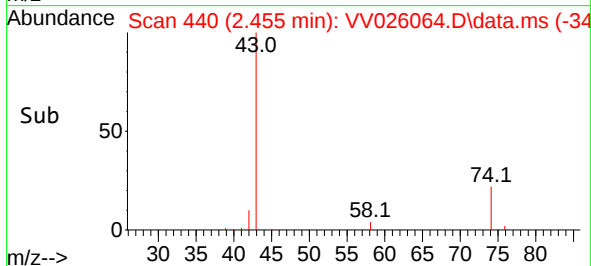
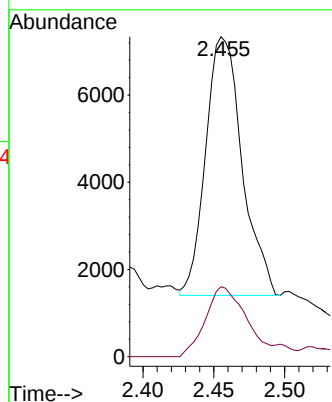
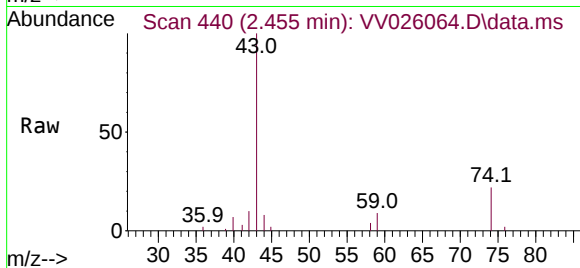
EXYW2MS

Tgt Ion: 43 Resp: 10640

Ion Ratio Lower Upper

43 100

74 32.3 13.3 19.9#



#16

Methylene chloride

Concen: 4.960 ug/L

RT: 2.523 min Scan# 461

Delta R.T. 0.006 min

Lab File: VV026064.D

Acq: 09 Jun 2022 18:57

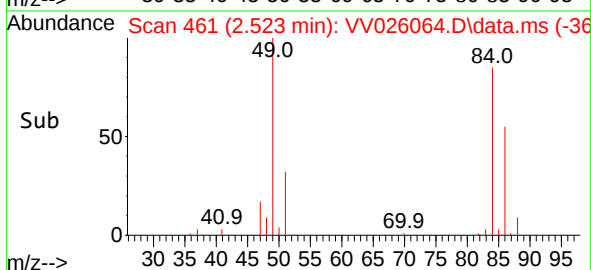
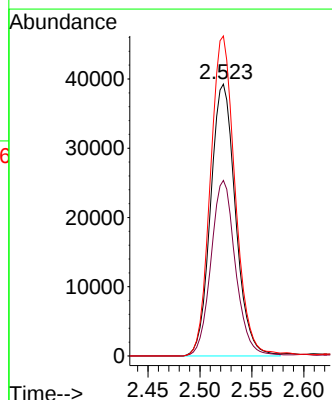
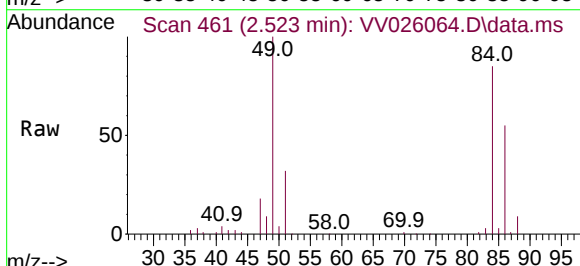
Tgt Ion: 84 Resp: 65519

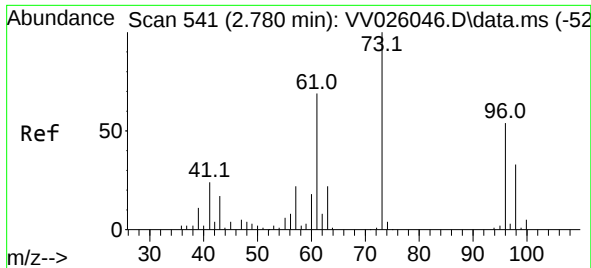
Ion Ratio Lower Upper

84 100

86 64.6 45.6 84.6

49 117.7 82.9 153.9

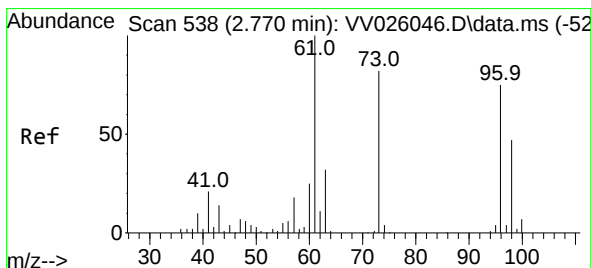
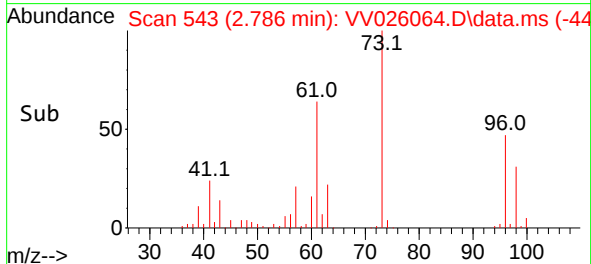
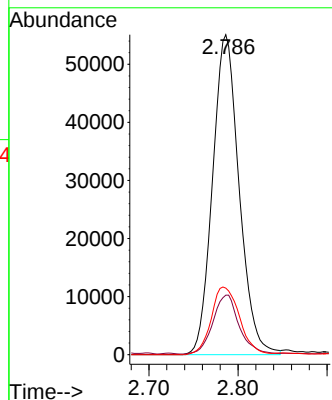
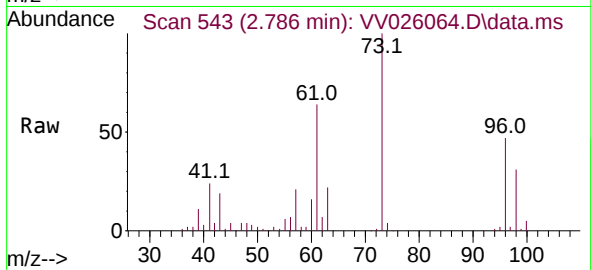




#17
Methyl tert-butyl Ether
Concen: 5.307 ug/L
RT: 2.786 min Scan# 541
Delta R.T. 0.006 min
Lab File: VV026064.D
Acq: 09 Jun 2022 18:57

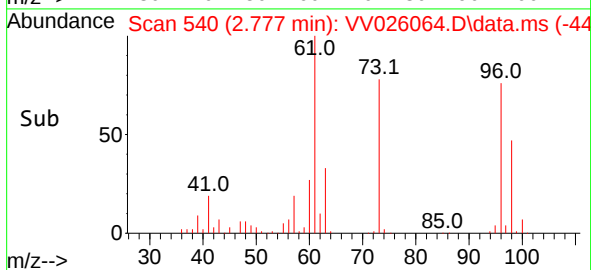
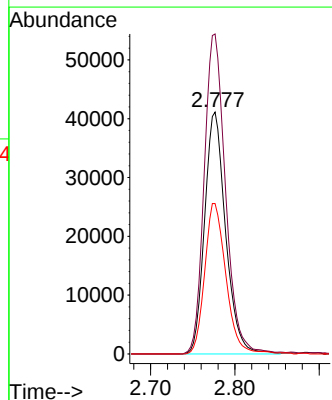
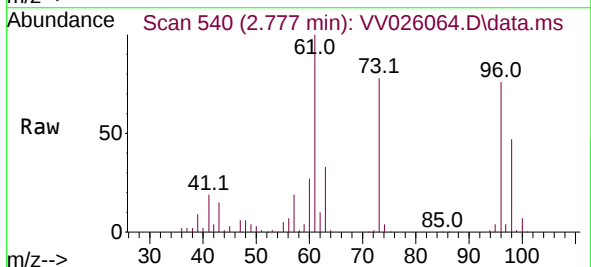
Instrument :
MSVOA_V
ClientSampleId :
EXYW2MS

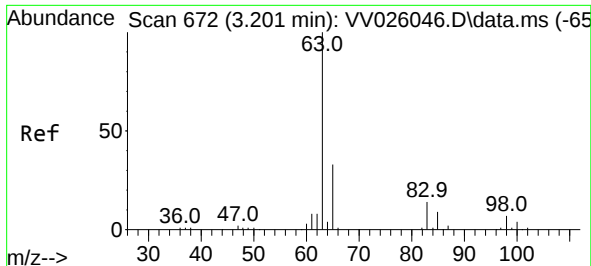
Tgt Ion: 73 Resp: 114218
Ion Ratio Lower Upper
73 100
43 18.1 13.7 20.5
57 22.4 17.8 26.6



#18
trans-1,2-Dichloroethene
Concen: 5.718 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.006 min
Lab File: VV026064.D
Acq: 09 Jun 2022 18:57

Tgt Ion: 96 Resp: 71495
Ion Ratio Lower Upper
96 100
61 132.3 94.3 175.1
98 62.2 44.4 82.5





#19

1,1-Dichloroethane

Concen: 47.159 ug/L

RT: 3.204 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV026064.D

Acq: 09 Jun 2022 18:57

Instrument :

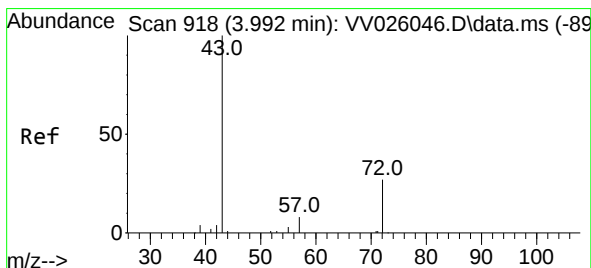
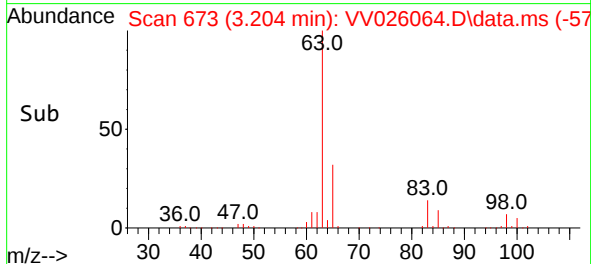
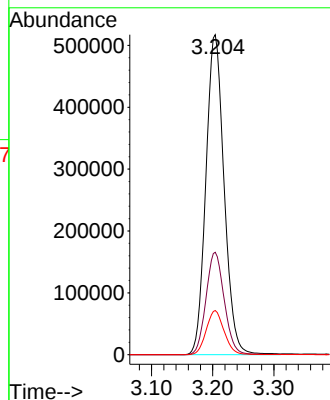
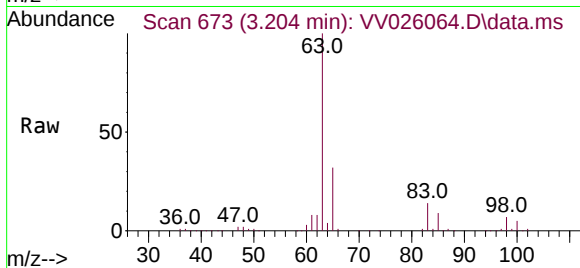
MSVOA_V

ClientSampleId :

EXYW2MS

Tgt Ion: 63 Resp: 1072484

Ion	Ratio	Lower	Upper
63	100		
65	32.0	23.1	42.9
83	13.8	9.7	18.1



#21

2-Butanone

Concen: 53.862 ug/L

RT: 3.995 min Scan# 919

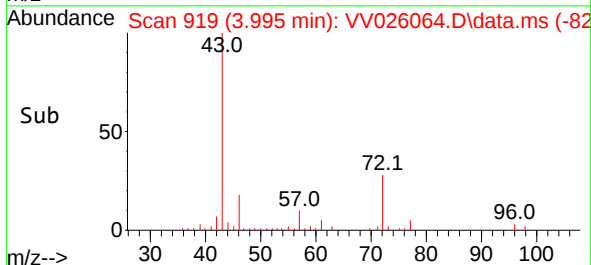
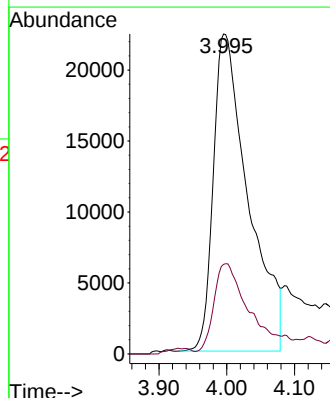
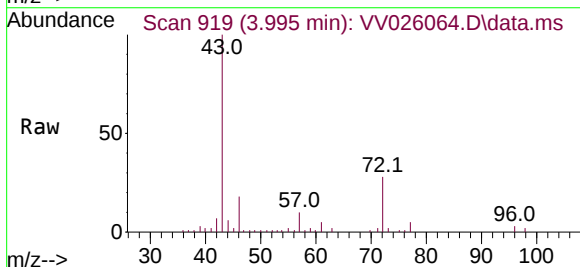
Delta R.T. 0.003 min

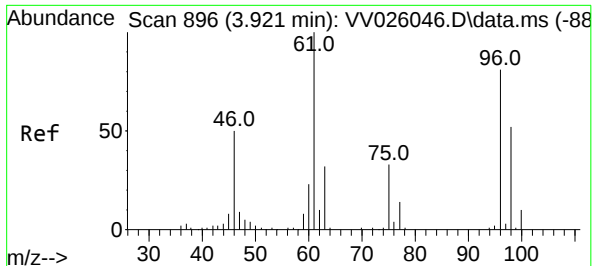
Lab File: VV026064.D

Acq: 09 Jun 2022 18:57

Tgt Ion: 43 Resp: 80073

Ion	Ratio	Lower	Upper
43	100		
72	27.4	11.9	35.7





#22

cis-1,2-Dichloroethene

Concen: 8.985 ug/L

RT: 3.928 min Scan# 896

Delta R.T. 0.006 min

Lab File: VV026064.D

Acq: 09 Jun 2022 18:57

Instrument :

MSVOA_V

ClientSampleId :

EXYW2MS

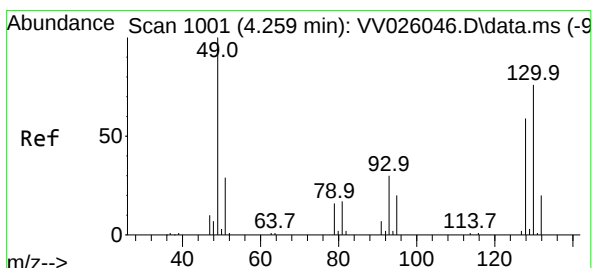
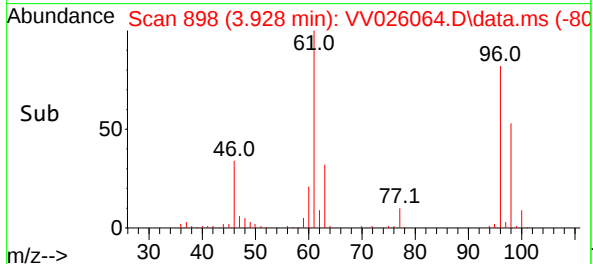
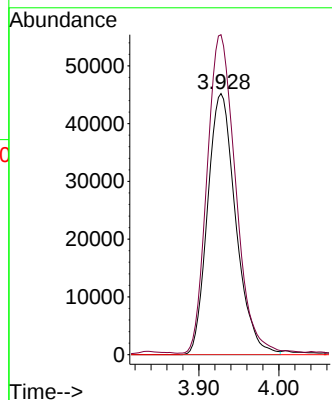
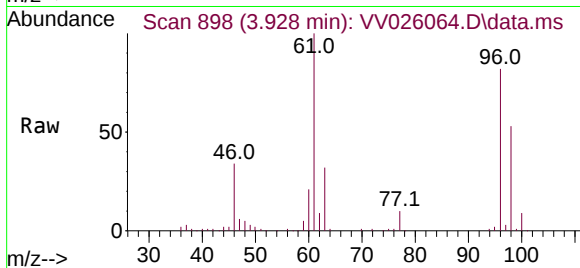
Tgt Ion: 96 Resp: 110720

Ion Ratio Lower Upper

96 100

61 122.5 83.1 154.3

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.204 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VV026064.D

Acq: 09 Jun 2022 18:57

Tgt Ion: 128 Resp: 26959

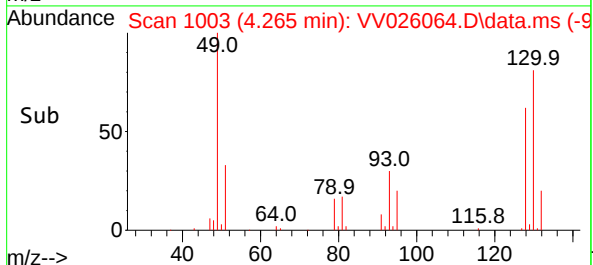
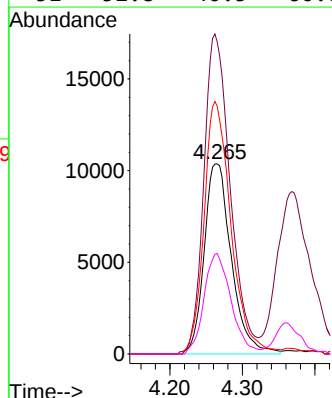
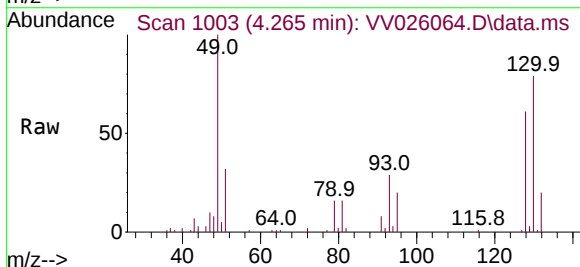
Ion Ratio Lower Upper

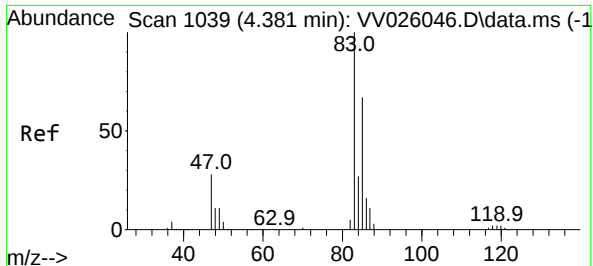
128 100

49 164.2 112.8 209.4

130 130.4 87.4 162.4

51 52.8 40.5 60.7





#25

Chloroform

Concen: 5.294 ug/L

RT: 4.391 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV026064.D

Acq: 09 Jun 2022 18:57

Instrument :

MSVOA_V

ClientSampleId :

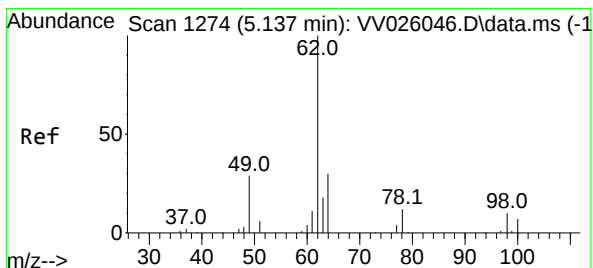
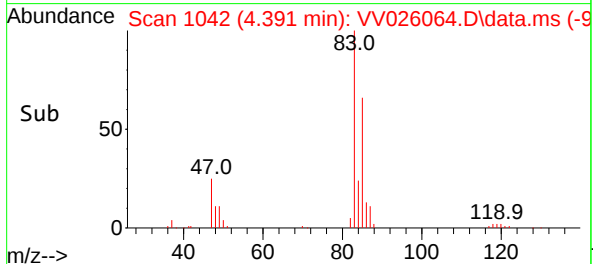
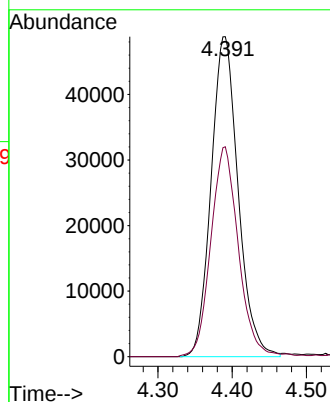
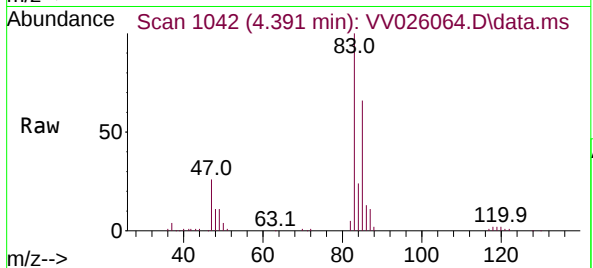
EXYW2MS

Tgt Ion: 83 Resp: 123596

Ion Ratio Lower Upper

83 100

85 65.6 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.357 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.003 min

Lab File: VV026064.D

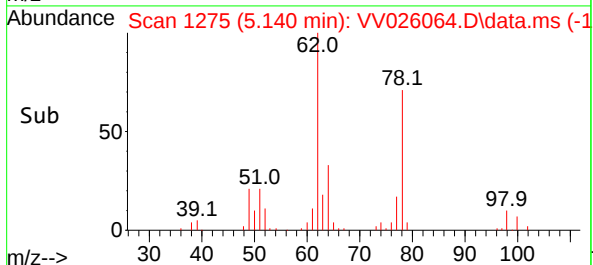
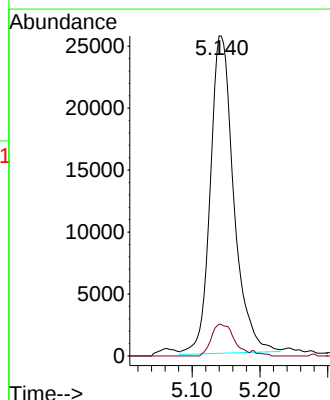
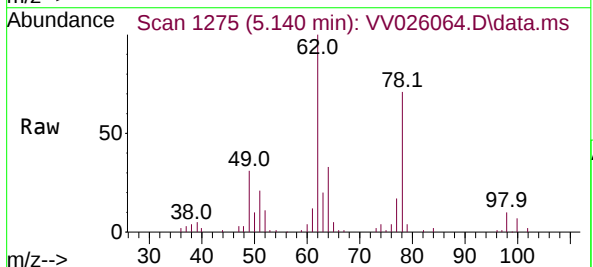
Acq: 09 Jun 2022 18:57

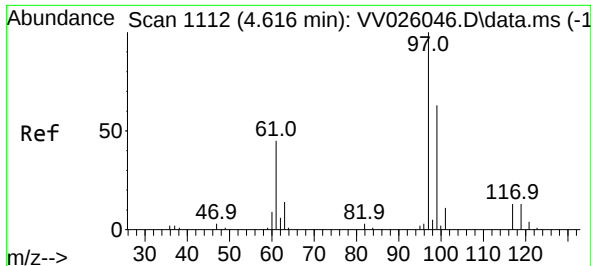
Tgt Ion: 62 Resp: 61835

Ion Ratio Lower Upper

62 100

98 9.9 8.5 12.7





#29

1,1,1-Trichloroethane

Concen: 24.349 ug/L

RT: 4.619 min Scan# 1112

Delta R.T. 0.003 min

Lab File: VV026064.D

Acq: 09 Jun 2022 18:57

Instrument :

MSVOA_V

ClientSampleId :

EXYW2MS

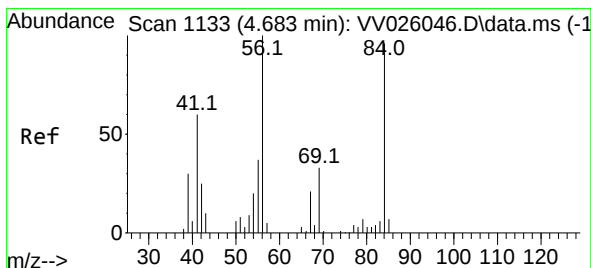
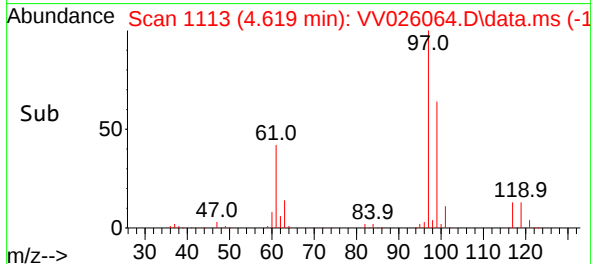
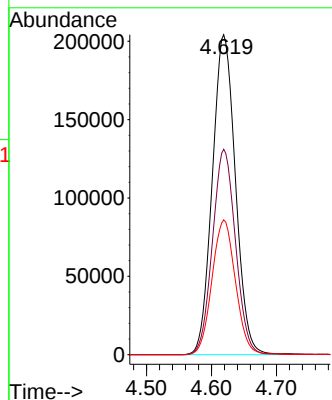
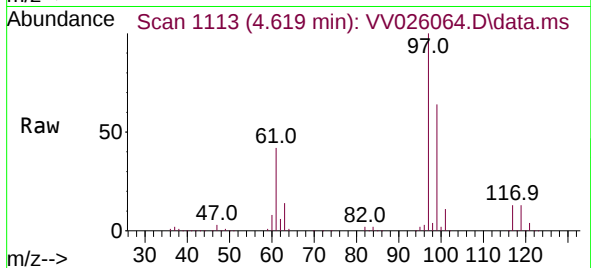
Tgt Ion: 97 Resp: 504144

Ion Ratio Lower Upper

97 100

99 64.1 51.4 77.0

61 42.7 34.9 52.3



#30

Cyclohexane

Concen: 4.620 ug/L

RT: 4.690 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VV026064.D

Acq: 09 Jun 2022 18:57

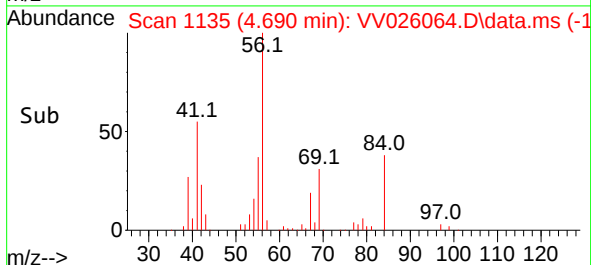
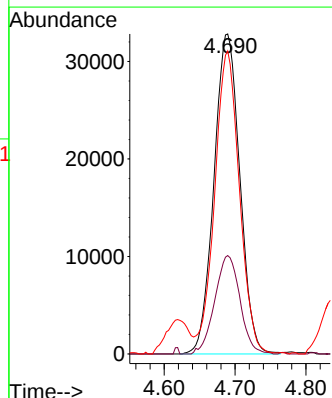
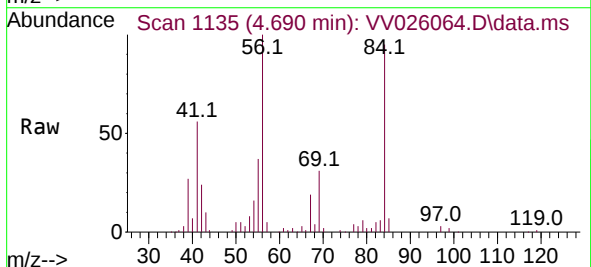
Tgt Ion: 56 Resp: 83199

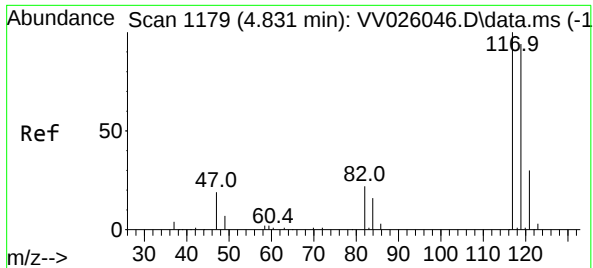
Ion Ratio Lower Upper

56 100

69 30.0 25.1 37.7

84 90.1 72.2 108.4

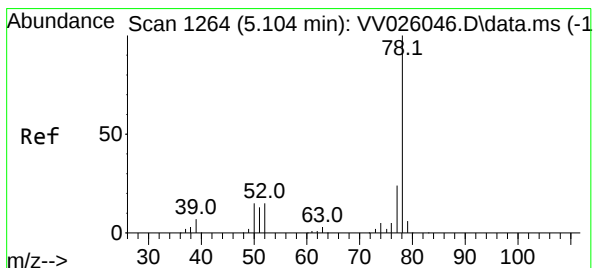
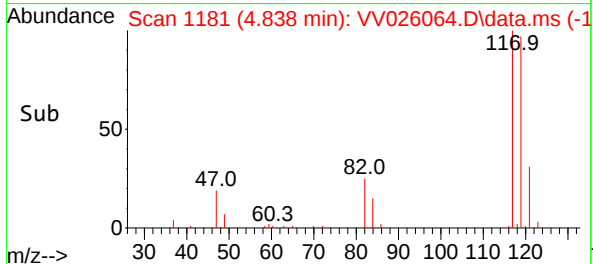
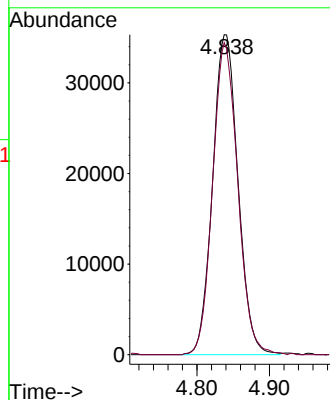
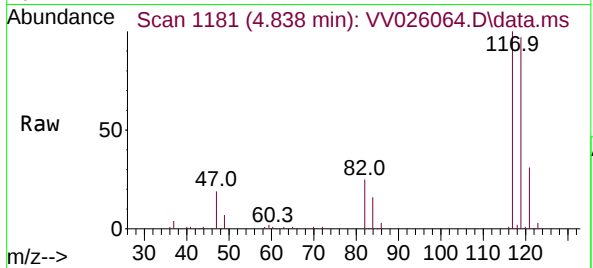




#31
Carbon tetrachloride
Concen: 5.047 ug/L
RT: 4.838 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VV026064.D
Acq: 09 Jun 2022 18:57

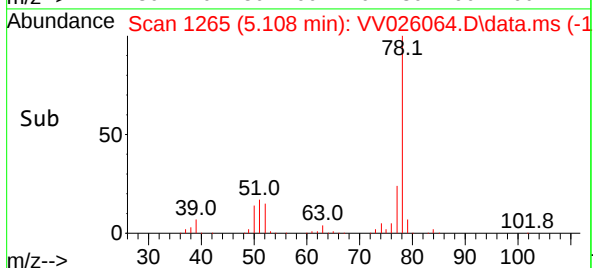
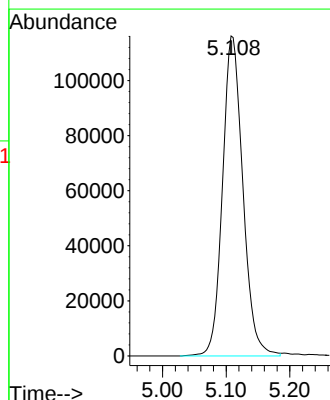
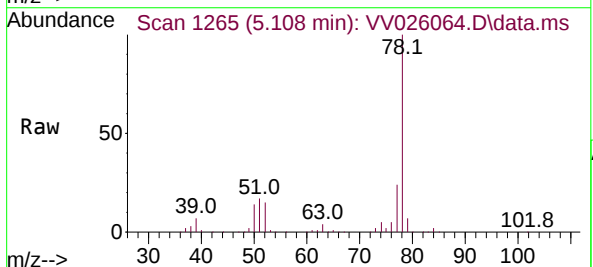
Instrument :
MSVOA_V
ClientSampleId :
EXYW2MS

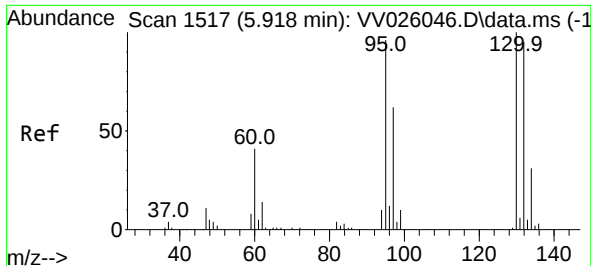
Tgt Ion:117 Resp: 85812
Ion Ratio Lower Upper
117 100
119 96.6 78.7 118.1



#33
Benzene
Concen: 5.206 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.003 min
Lab File: VV026064.D
Acq: 09 Jun 2022 18:57

Tgt Ion: 78 Resp: 258146

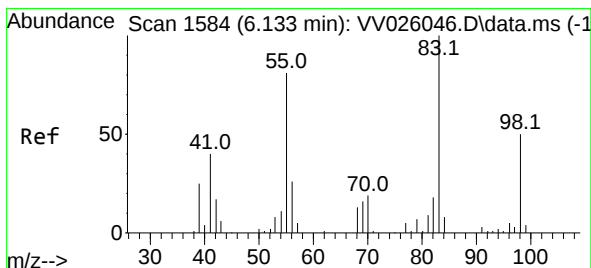
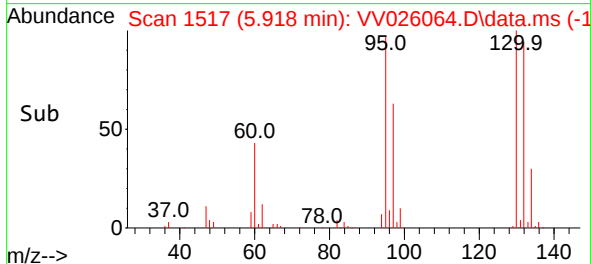
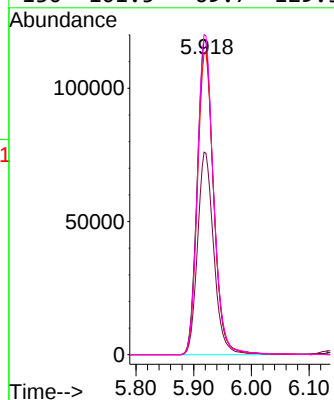
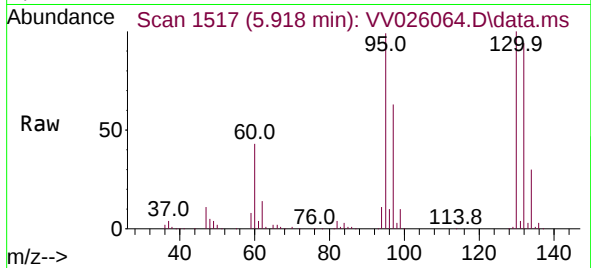




#34
Trichloroethene
Concen: 17.887 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV026064.D
Acq: 09 Jun 2022 18:57

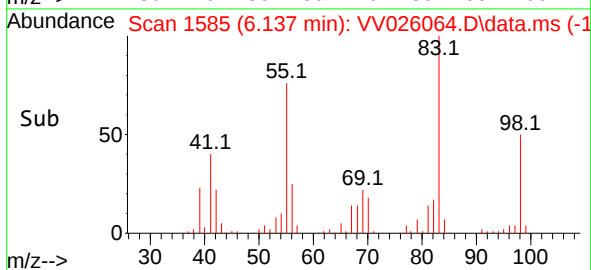
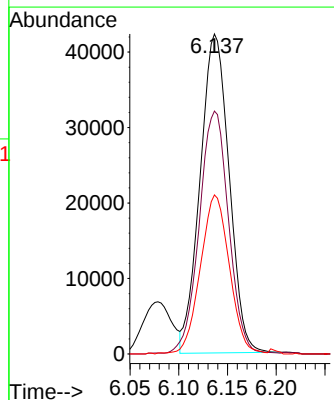
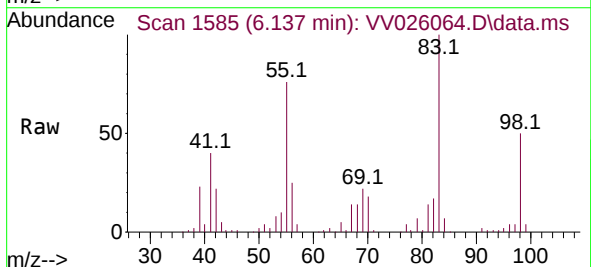
Instrument :
MSVOA_V
ClientSampleId :
EXYW2MS

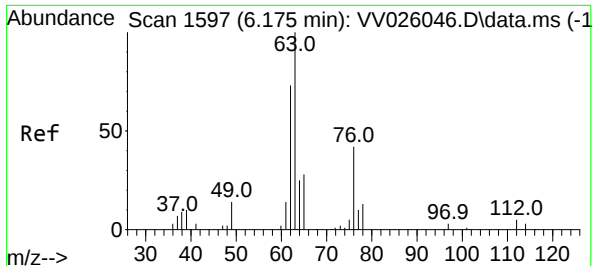
Tgt Ion: 95 Resp: 231723
Ion Ratio Lower Upper
95 100
97 64.2 44.0 81.6
132 95.7 67.5 125.4
130 101.5 69.7 129.5



#35
Methylcyclohexane
Concen: 4.378 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.003 min
Lab File: VV026064.D
Acq: 09 Jun 2022 18:57

Tgt Ion: 83 Resp: 87432
Ion Ratio Lower Upper
83 100
55 77.4 59.4 89.0
98 50.0 38.9 58.3





#37

1,2-Dichloropropane

Concen: 5.458 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026064.D

Acq: 09 Jun 2022 18:57

Instrument :

MSVOA_V

ClientSampleId :

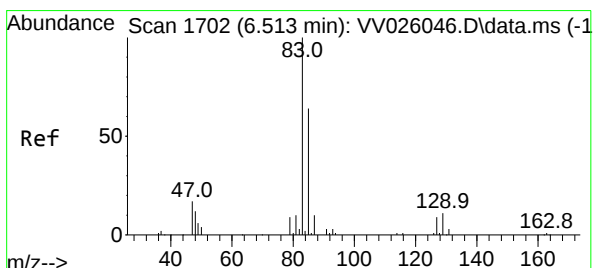
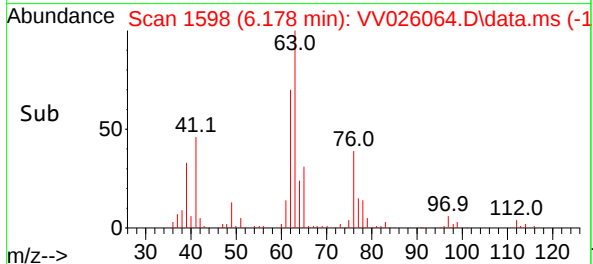
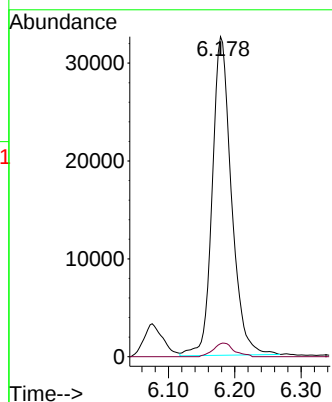
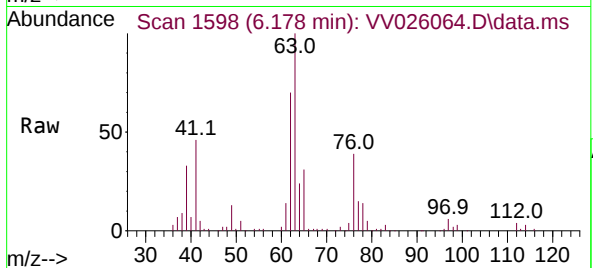
EXYW2MS

Tgt Ion: 63 Resp: 65586

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 5.257 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.003 min

Lab File: VV026064.D

Acq: 09 Jun 2022 18:57

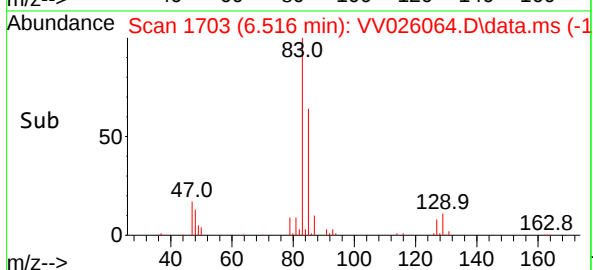
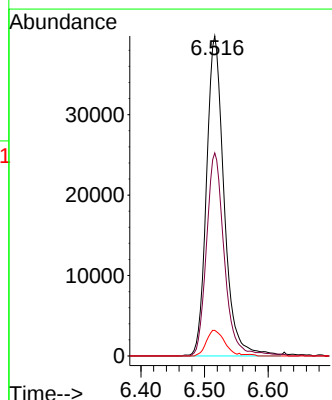
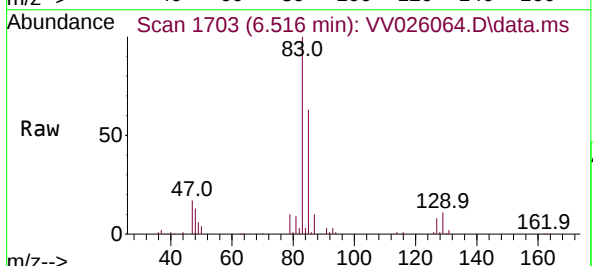
Tgt Ion: 83 Resp: 76313

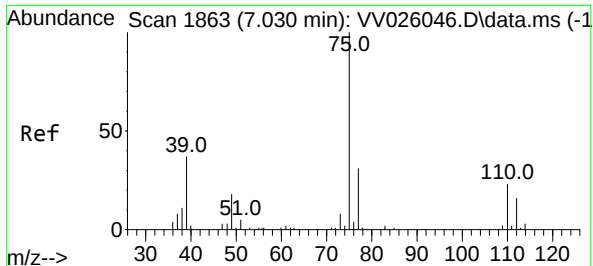
Ion Ratio Lower Upper

83 100

85 63.4 44.8 83.2

127 8.0 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.854 ug/L

RT: 7.034 min Scan# 1863

Delta R.T. 0.003 min

Lab File: VV026064.D

Acq: 09 Jun 2022 18:57

Instrument :

MSVOA_V

ClientSampleId :

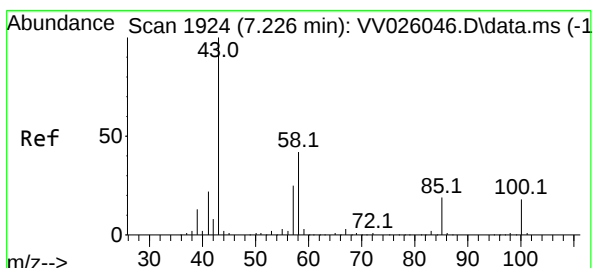
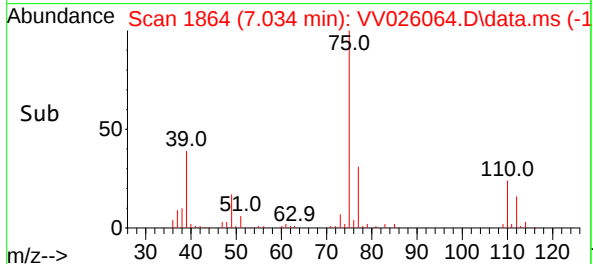
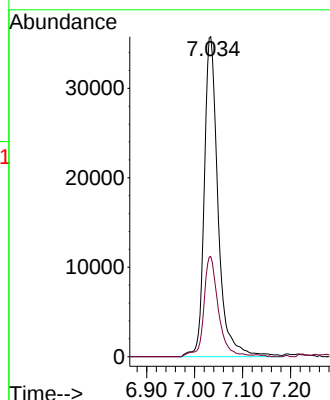
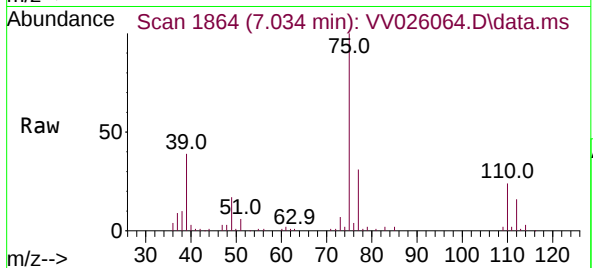
EXYW2MS

Tgt Ion: 75 Resp: 71882

Ion Ratio Lower Upper

75 100

77 31.3 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 56.935 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV026064.D

Acq: 09 Jun 2022 18:57

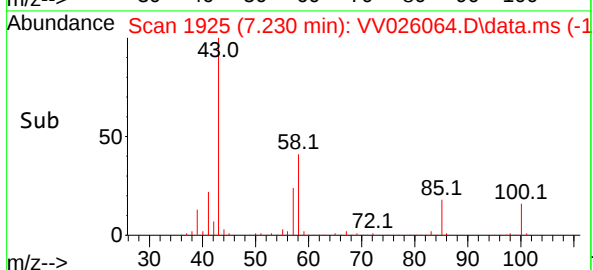
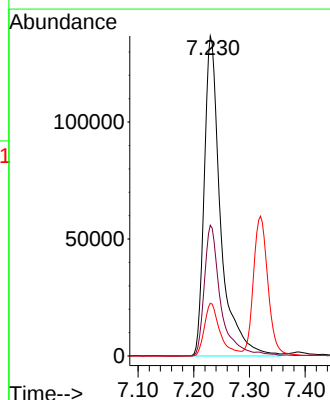
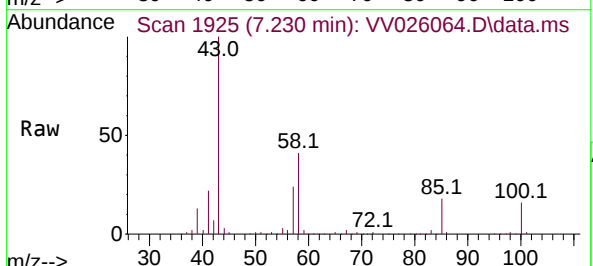
Tgt Ion: 43 Resp: 279500

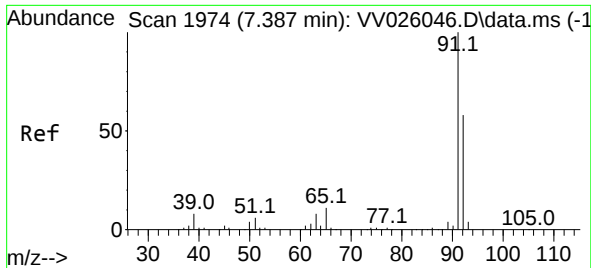
Ion Ratio Lower Upper

43 100

58 40.1 34.2 51.2

100 15.8 12.6 19.0





#42

Toluene

Concen: 5.176 ug/L

RT: 7.390 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV026064.D

Acq: 09 Jun 2022 18:57

Instrument :

MSVOA_V

ClientSampleId :

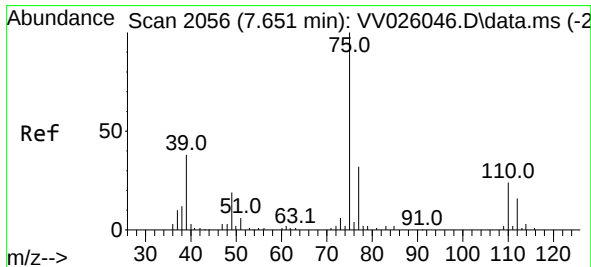
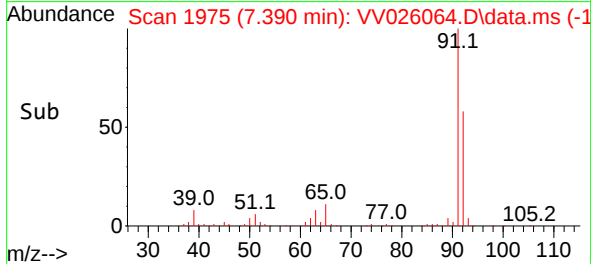
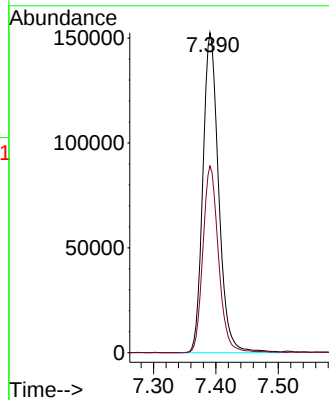
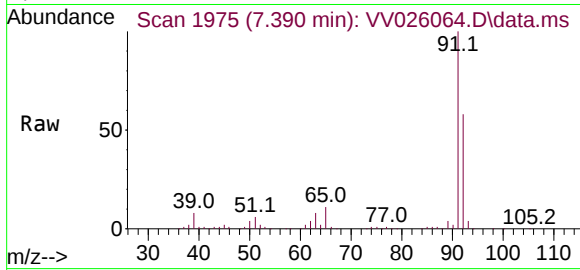
EXYW2MS

Tgt Ion: 91 Resp: 268151

Ion Ratio Lower Upper

91 100

92 58.4 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.081 ug/L

RT: 7.657 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VV026064.D

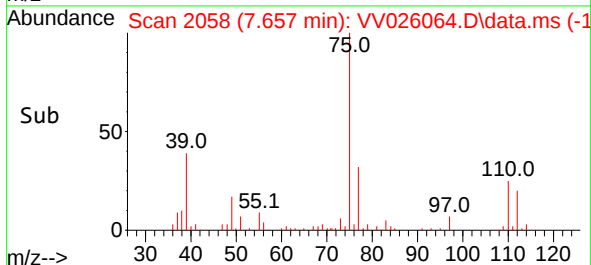
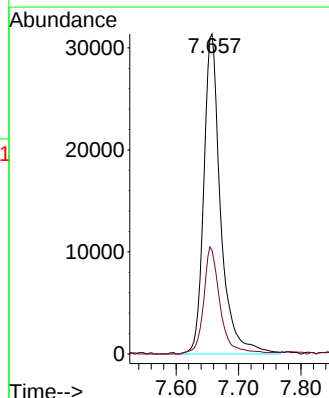
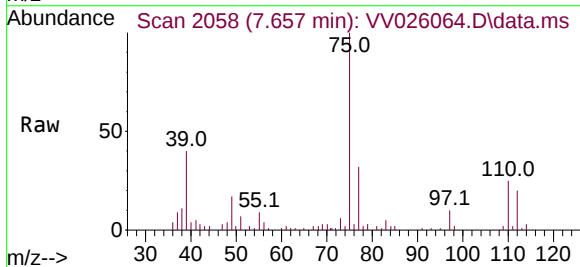
Acq: 09 Jun 2022 18:57

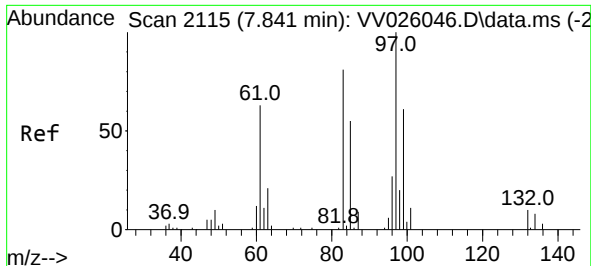
Tgt Ion: 75 Resp: 58943

Ion Ratio Lower Upper

75 100

77 32.4 21.7 40.3



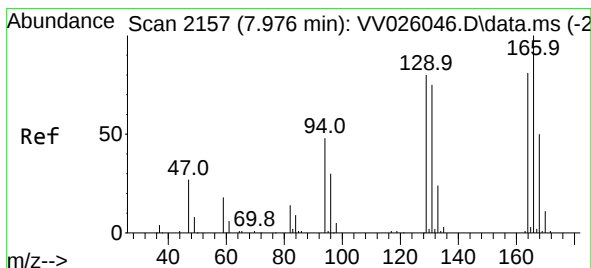
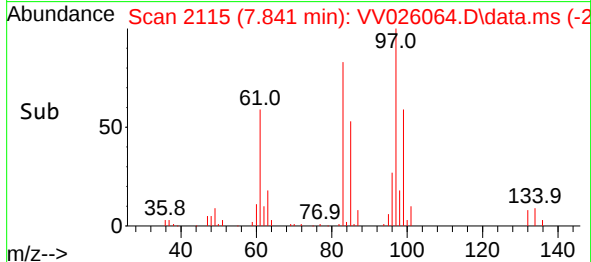
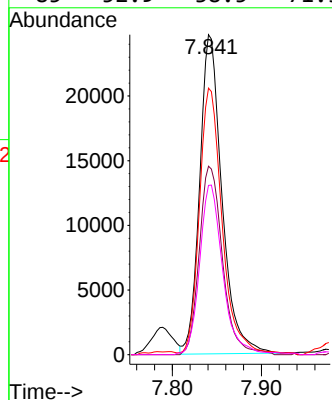
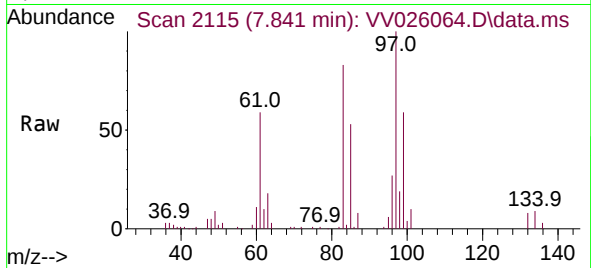


#45
1,1,2-Trichloroethane
Concen: 5.506 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV026064.D
Acq: 09 Jun 2022 18:57

Instrument :
MSVOA_V
ClientSampleId :
EXYW2MS

Tgt Ion: 97 Resp: 42966

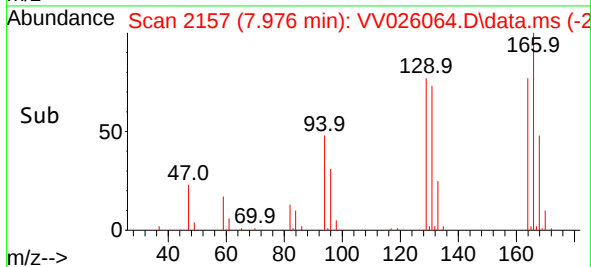
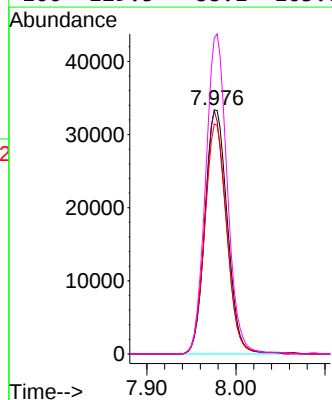
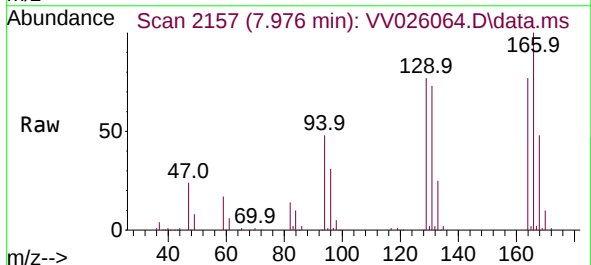
Ion	Ratio	Lower	Upper
97	100		
99	58.9	43.5	80.7
83	83.3	59.6	110.8
85	52.9	38.5	71.5

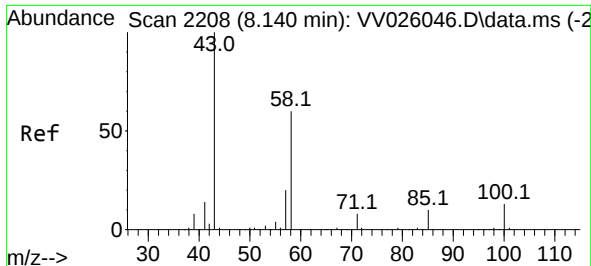


#47
Tetrachloroethene
Concen: 5.796 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV026064.D
Acq: 09 Jun 2022 18:57

Tgt Ion: 164 Resp: 58120

Ion	Ratio	Lower	Upper
164	100		
129	99.7	68.3	126.9
131	94.2	66.5	123.5
166	129.5	88.1	163.7



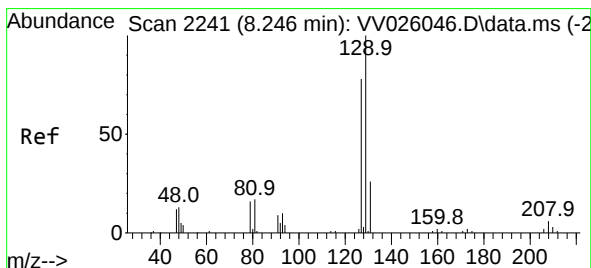
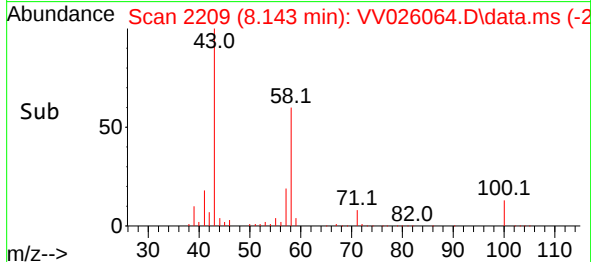
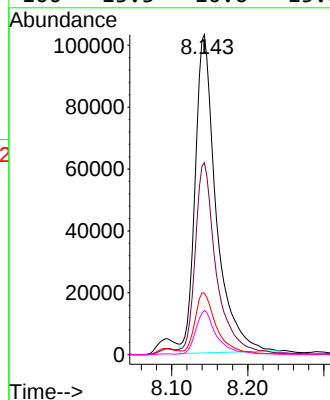
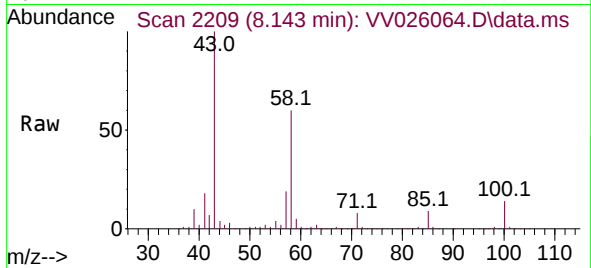


#48
2-Hexanone
Concen: 56.651 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026064.D
Acq: 09 Jun 2022 18:57

Instrument :
MSVOA_V
ClientSampleId :
EXYW2MS

Tgt Ion: 43 Resp: 197406

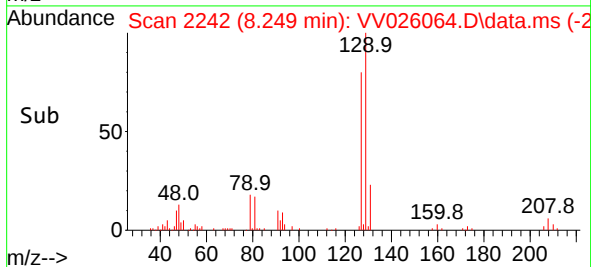
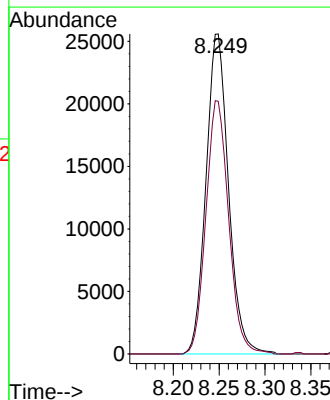
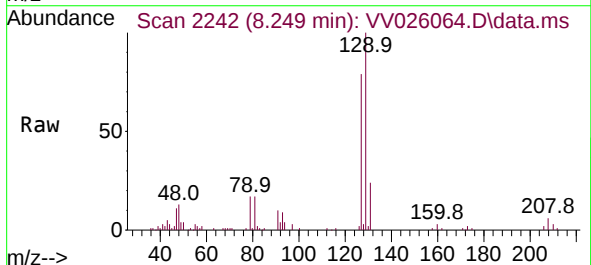
Ion	Ratio	Lower	Upper
43	100		
58	61.1	47.4	71.2
57	19.6	15.5	23.3
100	13.3	10.6	15.8

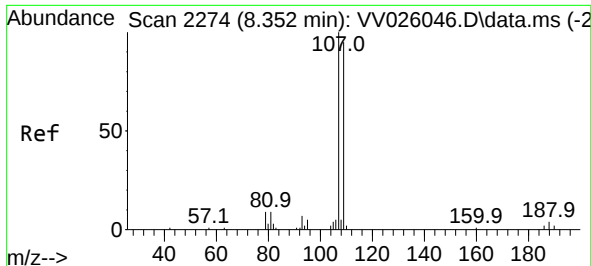


#49
Dibromochloromethane
Concen: 5.137 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV026064.D
Acq: 09 Jun 2022 18:57

Tgt Ion: 129 Resp: 43760

Ion	Ratio	Lower	Upper
129	100		
127	78.9	55.9	103.7





#50

1,2-Dibromoethane

Concen: 5.321 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026064.D

Acq: 09 Jun 2022 18:57

Instrument :

MSVOA_V

ClientSampleId :

EXYW2MS

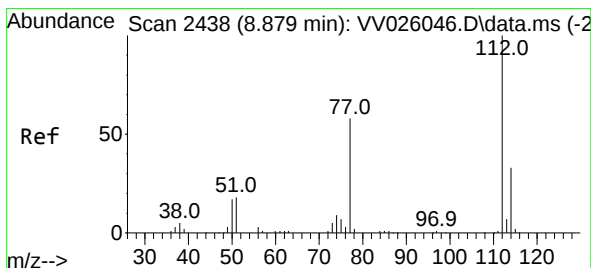
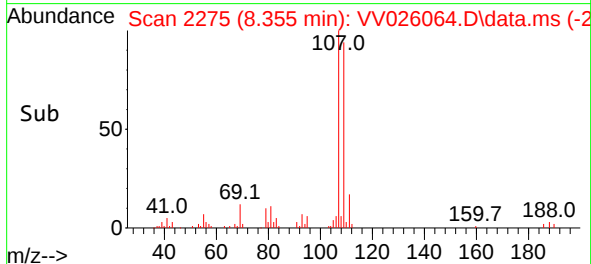
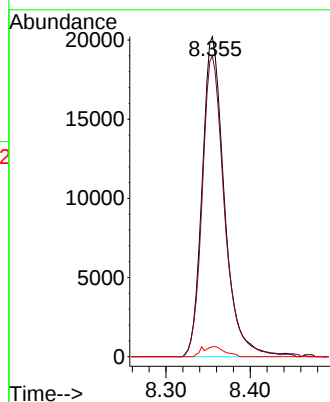
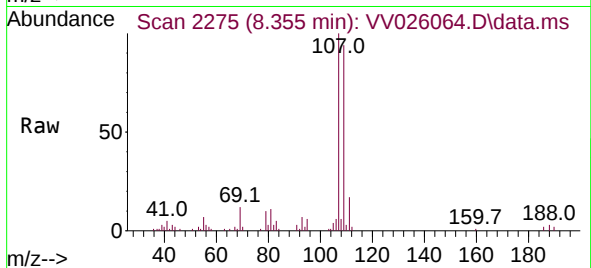
Tgt Ion:107 Resp: 36949

Ion Ratio Lower Upper

107 100

109 94.0 64.8 120.3

188 3.1 2.7 4.1



#51

Chlorobenzene

Concen: 4.869 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV026064.D

Acq: 09 Jun 2022 18:57

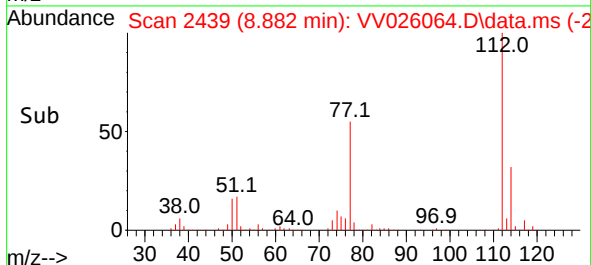
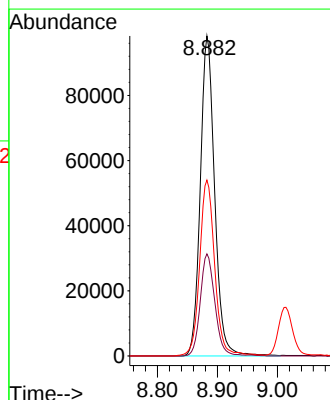
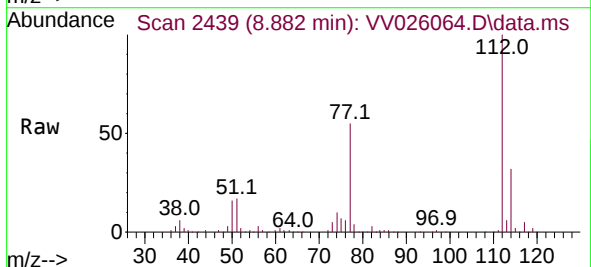
Tgt Ion:112 Resp: 164187

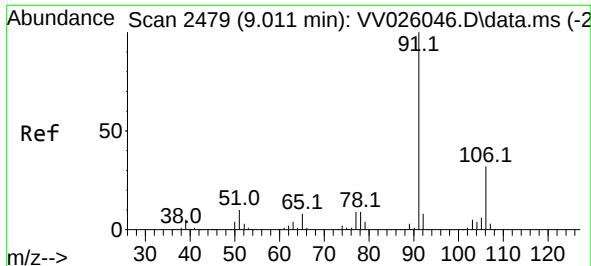
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.5

77 54.9 44.6 66.8





#52

Ethylbenzene

Concen: 4.834 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV026064.D

Acq: 09 Jun 2022 18:57

Instrument :

MSVOA_V

ClientSampleId :

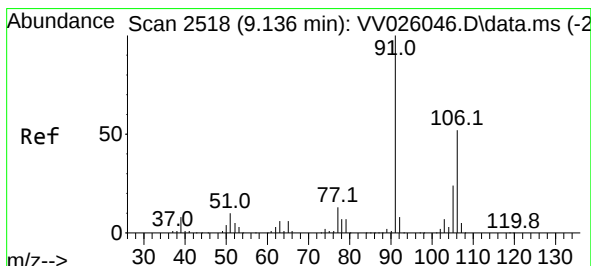
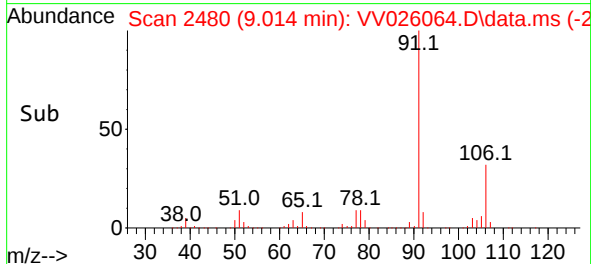
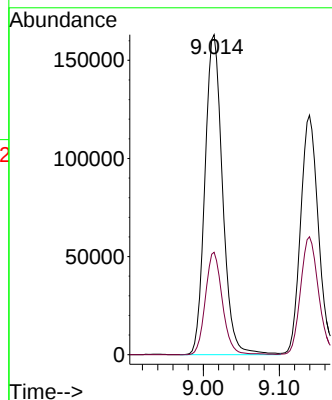
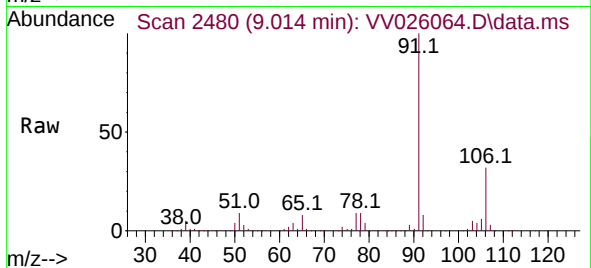
EXYW2MS

Tgt Ion: 91 Resp: 262500

Ion Ratio Lower Upper

91 100

106 32.0 21.8 40.6



#53

m,p-Xylene

Concen: 4.704 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV026064.D

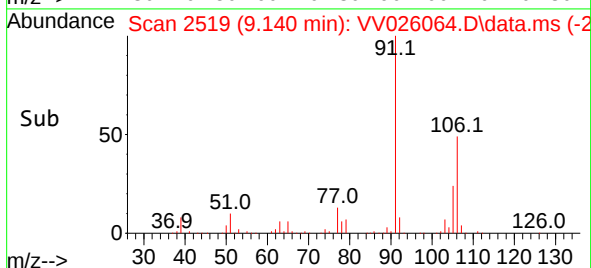
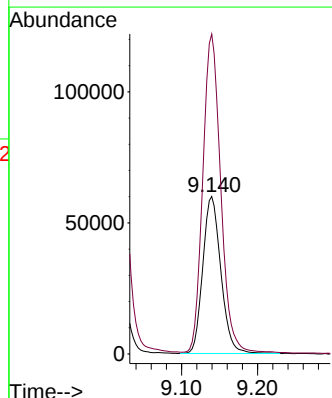
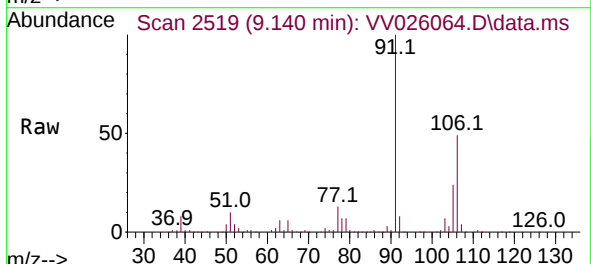
Acq: 09 Jun 2022 18:57

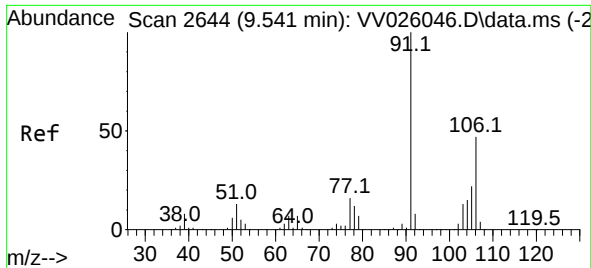
Tgt Ion: 106 Resp: 98732

Ion Ratio Lower Upper

106 100

91 203.2 140.4 260.8

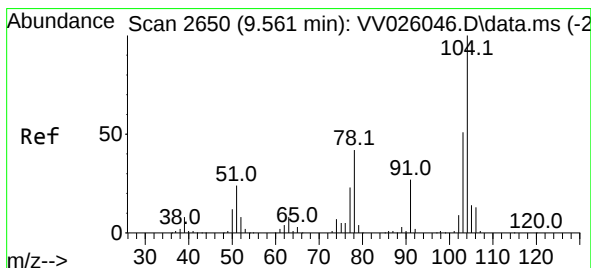
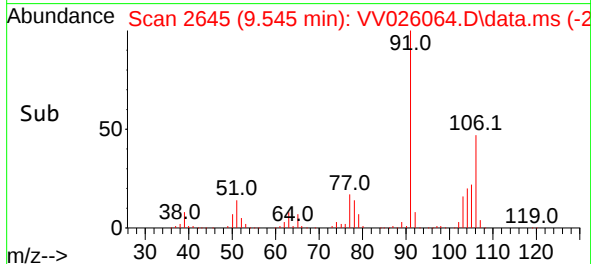
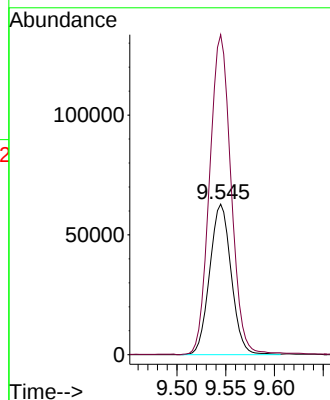
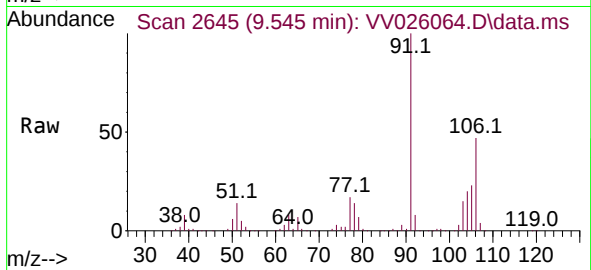




#54
o-Xylene
Concen: 4.839 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026064.D
Acq: 09 Jun 2022 18:57

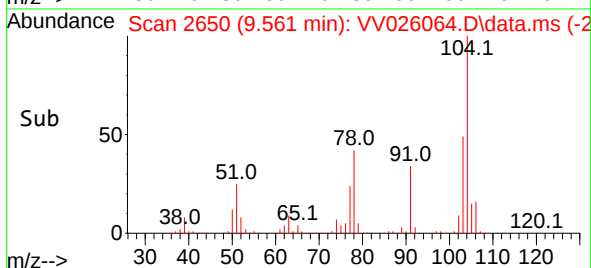
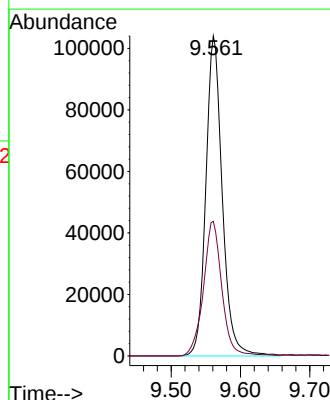
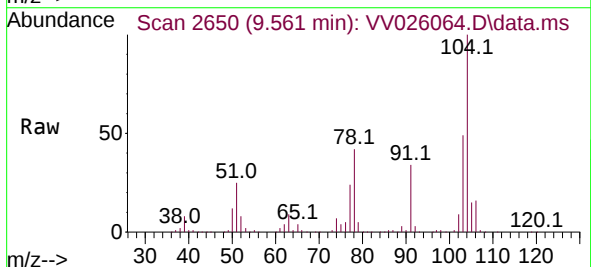
Instrument :
MSVOA_V
ClientSampleId :
EXYW2MS

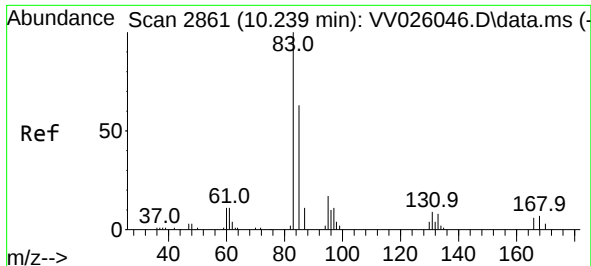
Tgt Ion:106 Resp: 96552
Ion Ratio Lower Upper
106 100
91 212.6 145.4 270.0



#55
Styrene
Concen: 5.121 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV026064.D
Acq: 09 Jun 2022 18:57

Tgt Ion:104 Resp: 171177
Ion Ratio Lower Upper
104 100
78 42.1 29.1 54.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.239 ug/L

RT: 10.242 min Scan# 2862

Delta R.T. 0.003 min

Lab File: VV026064.D

Acq: 09 Jun 2022 18:57

Instrument :

MSVOA_V

ClientSampleId :

EXYW2MS

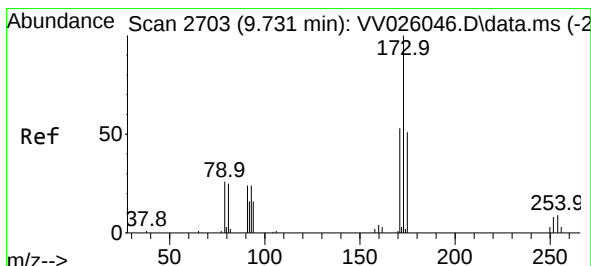
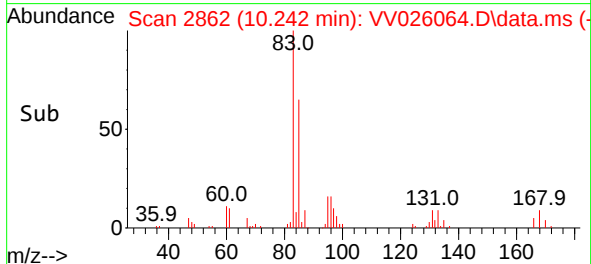
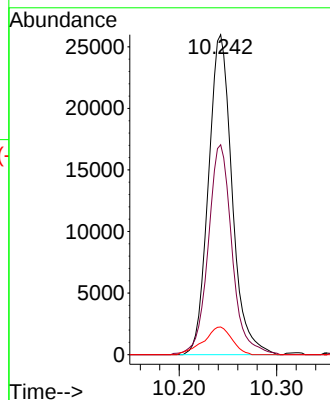
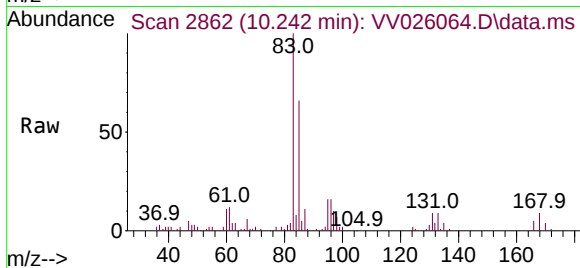
Tgt Ion: 83 Resp: 43772

Ion Ratio Lower Upper

83 100

85 65.6 46.4 86.2

131 8.6 7.1 10.7



#59

Bromoform

Concen: 5.269 ug/L

RT: 9.734 min Scan# 2704

Delta R.T. 0.003 min

Lab File: VV026064.D

Acq: 09 Jun 2022 18:57

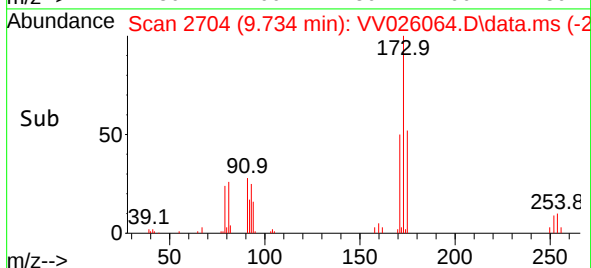
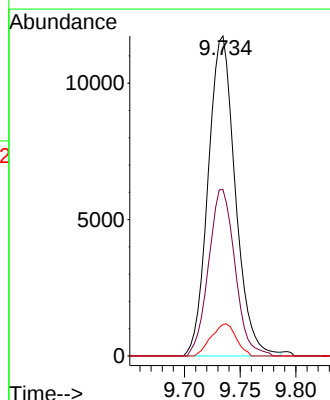
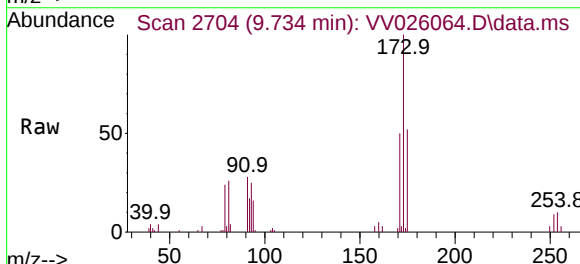
Tgt Ion: 173 Resp: 19870

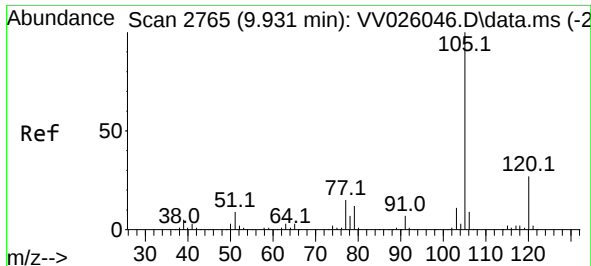
Ion Ratio Lower Upper

173 100

175 50.7 38.8 58.2

254 9.2 6.9 10.3

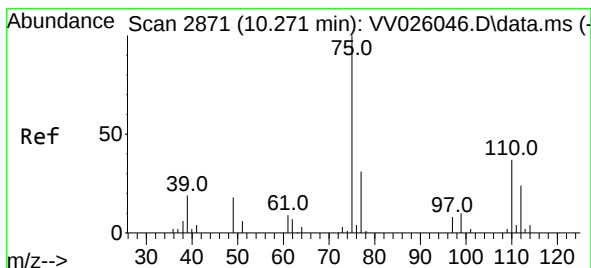
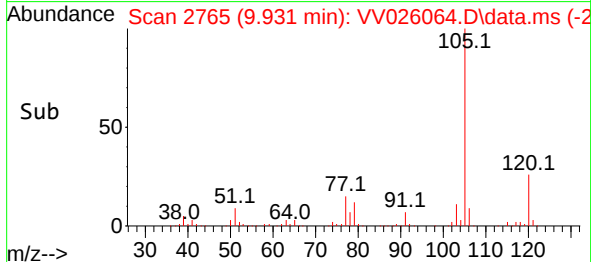
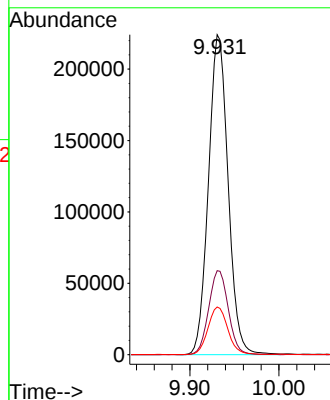
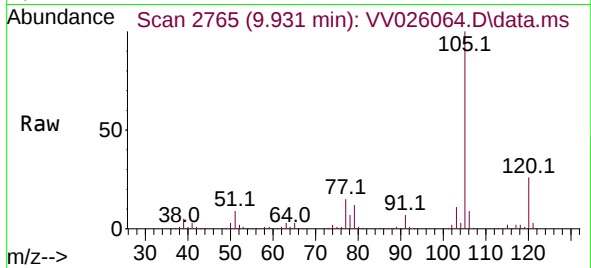




#60
Isopropylbenzene
Concen: 6.419 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026064.D
Acq: 09 Jun 2022 18:57

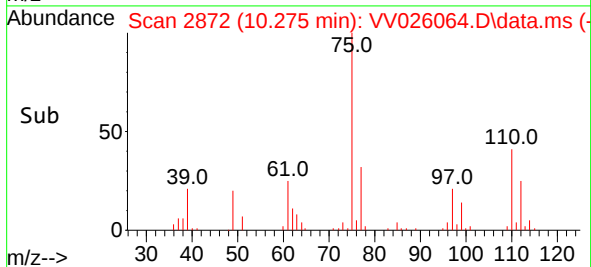
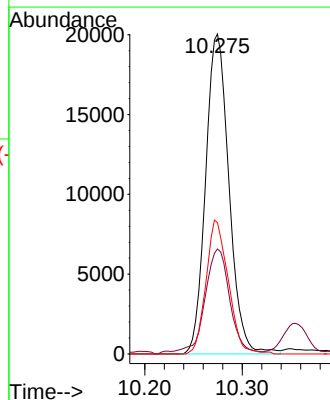
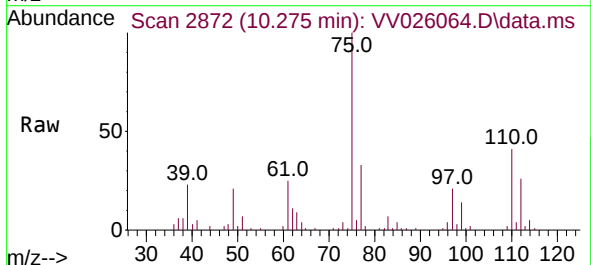
Instrument :
MSVOA_V
ClientSampleId :
EXYW2MS

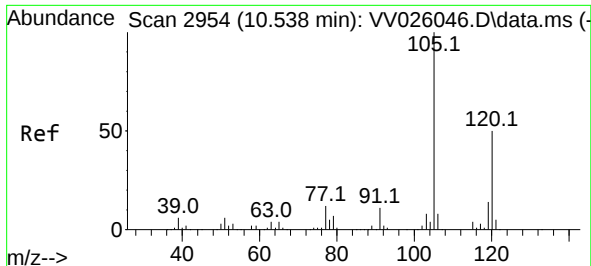
Tgt Ion:105 Resp: 342874
Ion Ratio Lower Upper
105 100
120 26.2 21.3 31.9
77 15.2 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 5.324 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV026064.D
Acq: 09 Jun 2022 18:57

Tgt Ion: 75 Resp: 33400
Ion Ratio Lower Upper
75 100
77 32.5 26.6 40.0
110 39.7 32.0 48.0





#62

1,3,5-Trimethylbenzene

Concen: 4.529 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV026064.D

Acq: 09 Jun 2022 18:57

Instrument :

MSVOA_V

ClientSampleId :

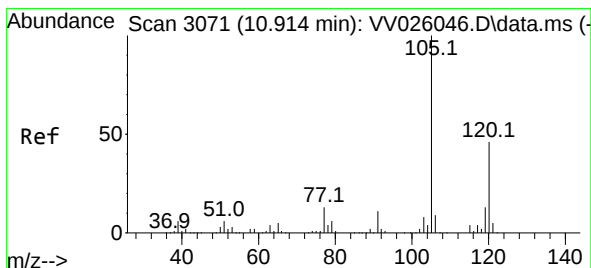
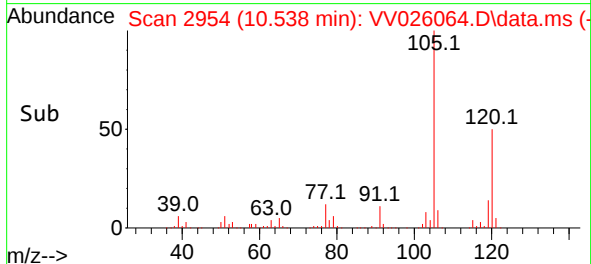
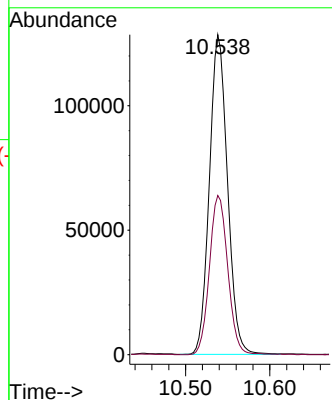
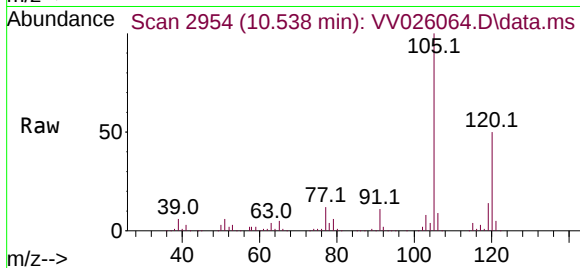
EXYW2MS

Tgt Ion:105 Resp: 191621

Ion Ratio Lower Upper

105 100

120 50.6 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 4.626 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV026064.D

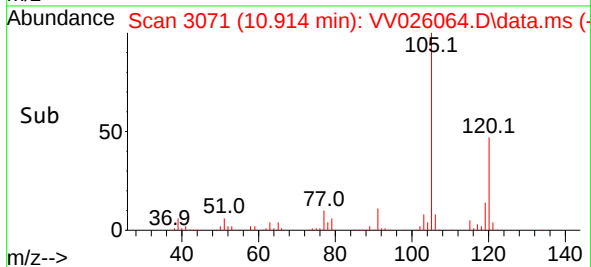
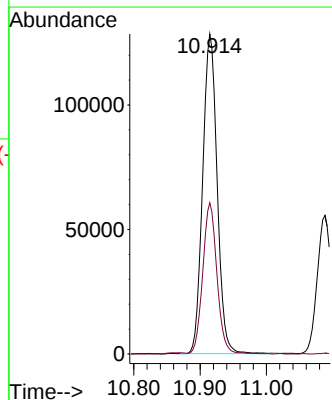
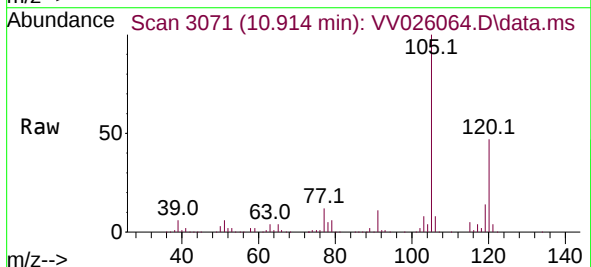
Acq: 09 Jun 2022 18:57

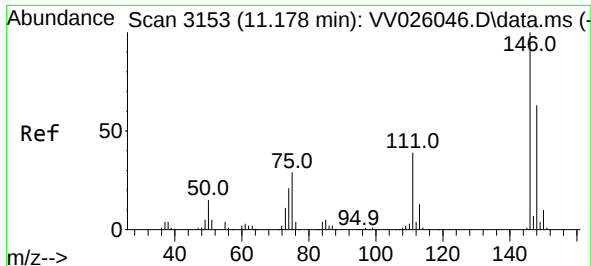
Tgt Ion:105 Resp: 194878

Ion Ratio Lower Upper

105 100

120 46.3 36.7 55.1

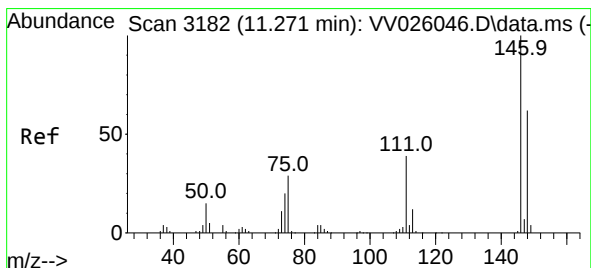
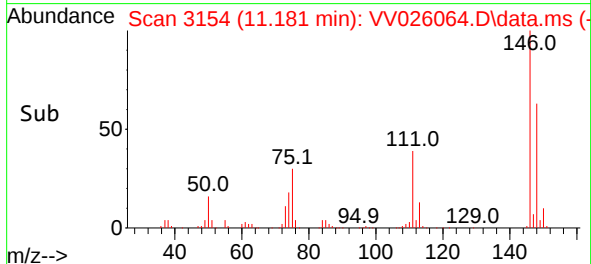
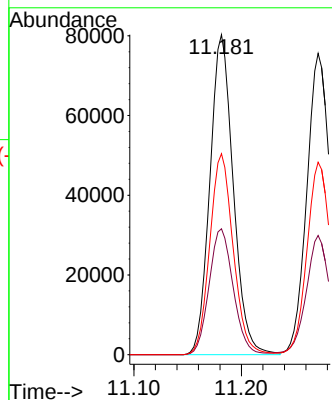
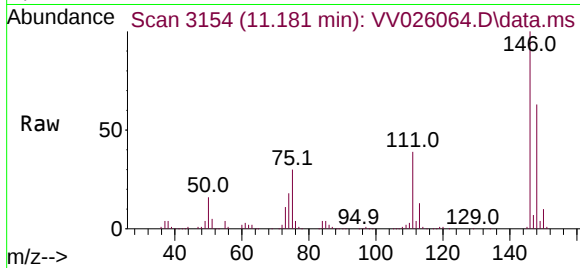




#64
1,3-Dichlorobenzene
Concen: 4.775 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV026064.D
Acq: 09 Jun 2022 18:57

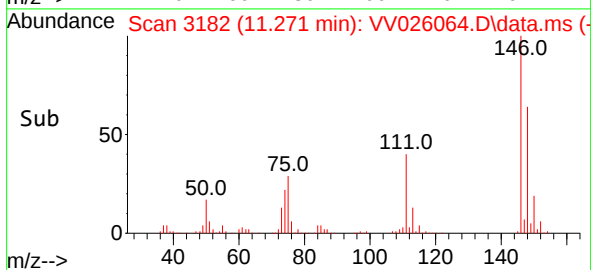
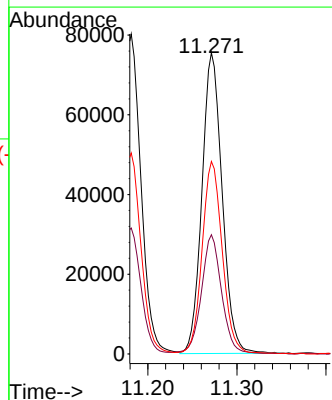
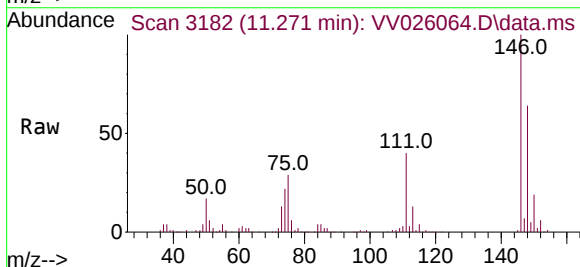
Instrument :
MSVOA_V
ClientSampleId :
EXYW2MS

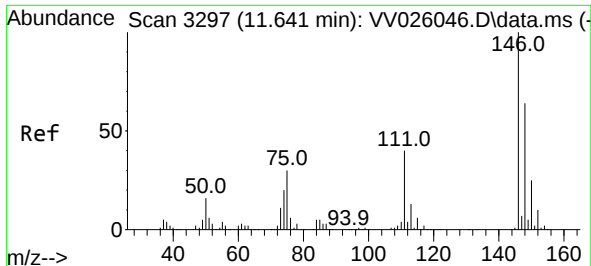
Tgt Ion:146 Resp: 121189
Ion Ratio Lower Upper
146 100
111 39.3 27.9 51.9
148 62.8 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 4.602 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026064.D
Acq: 09 Jun 2022 18:57

Tgt Ion:146 Resp: 118927
Ion Ratio Lower Upper
146 100
111 39.6 27.1 50.3
148 63.9 43.8 81.4

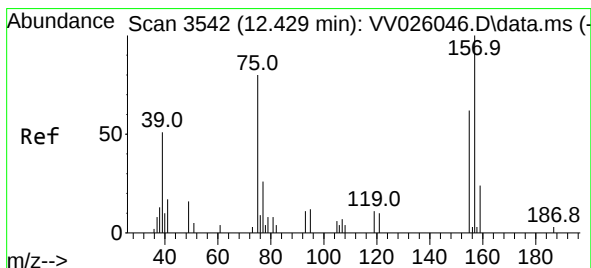
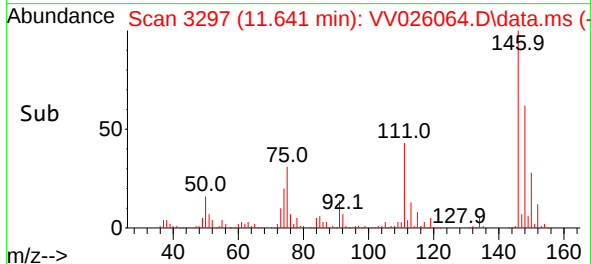
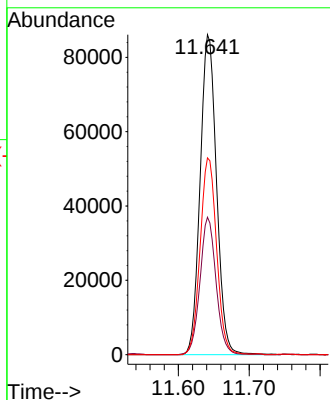
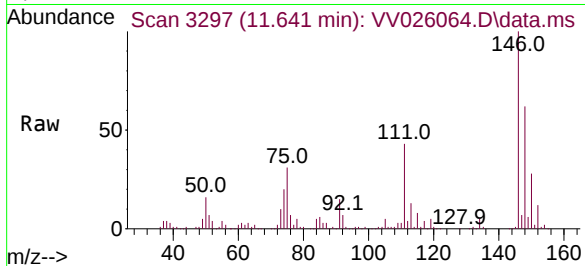




#67
1,2-Dichlorobenzene
Concen: 6.155 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV026064.D
Acq: 09 Jun 2022 18:57

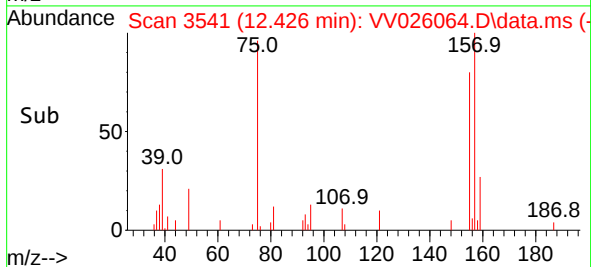
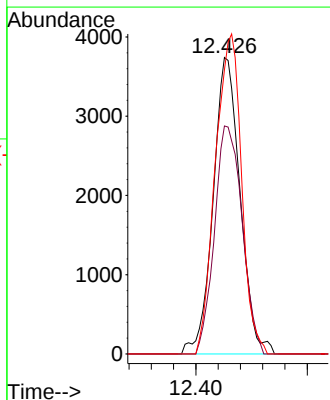
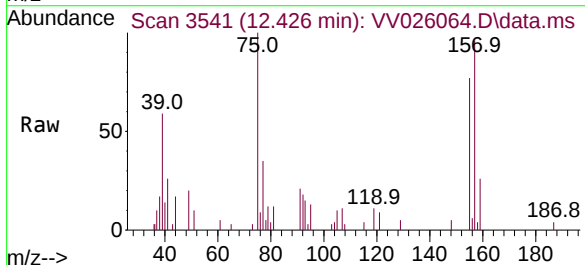
Instrument :
MSVOA_V
ClientSampleId :
EXYW2MS

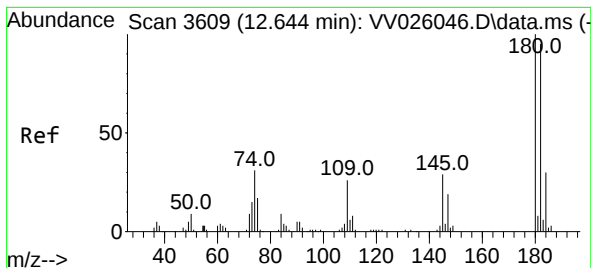
Tgt Ion:146 Resp: 138144
Ion Ratio Lower Upper
146 100
111 43.0 33.9 50.9
148 61.5 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.644 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV026064.D
Acq: 09 Jun 2022 18:57

Tgt Ion: 75 Resp: 6293
Ion Ratio Lower Upper
75 100
155 76.9 68.0 102.0
157 95.8 89.7 134.5





#69

1,3,5-Trichlorobenzene

Concen: 4.252 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV026064.D

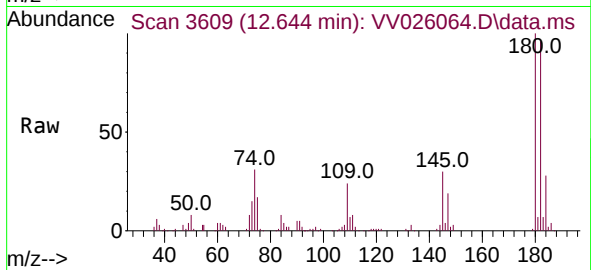
Acq: 09 Jun 2022 18:57

Instrument :

MSVOA_V

ClientSampleId :

EXYW2MS



Tgt Ion:180 Resp: 78153

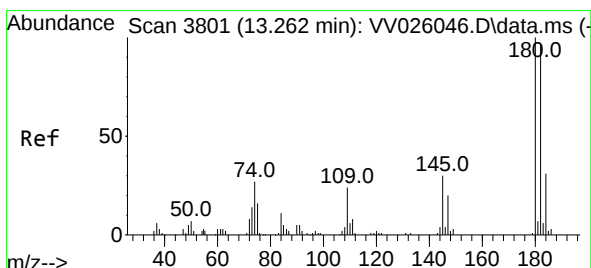
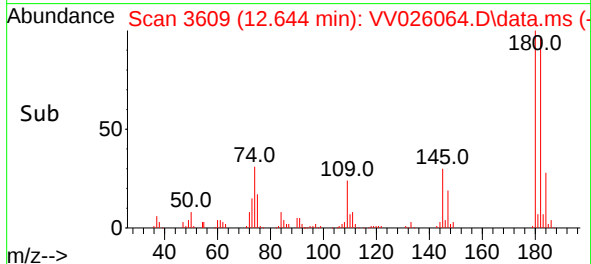
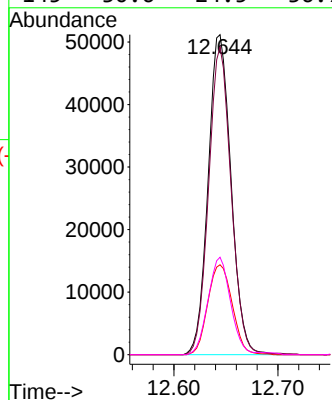
Ion Ratio Lower Upper

180 100

182 94.1 76.3 114.5

184 30.0 24.0 36.0

145 30.6 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.552 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV026064.D

Acq: 09 Jun 2022 18:57

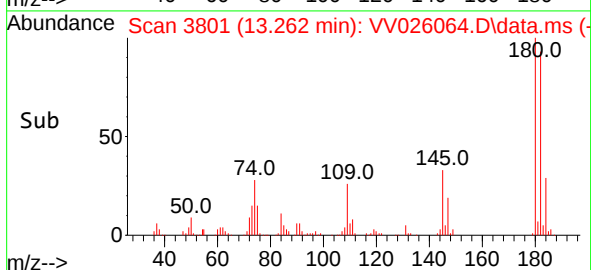
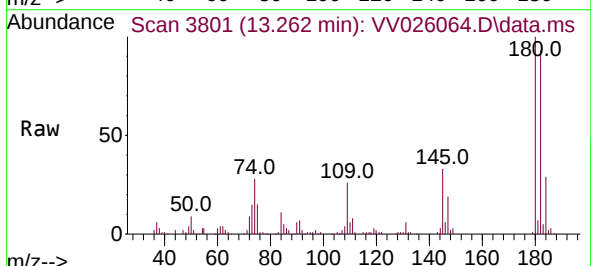
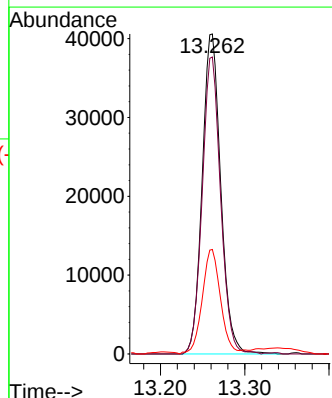
Tgt Ion:180 Resp: 62358

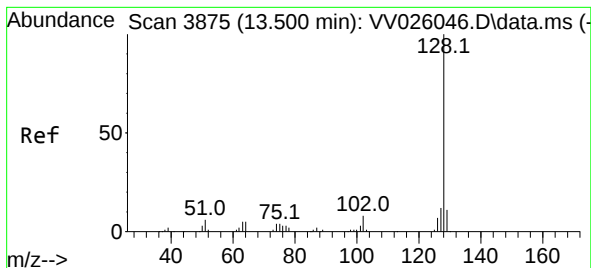
Ion Ratio Lower Upper

180 100

182 91.8 74.2 111.4

145 32.1 24.1 36.1





#71

Naphthalene

Concen: 6.910 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV026064.D

Acq: 09 Jun 2022 18:57

Instrument :

MSVOA_V

ClientSampleId :

EXYW2MS

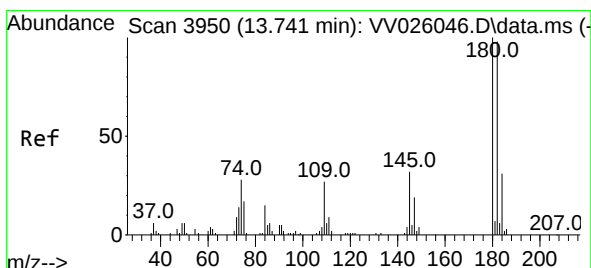
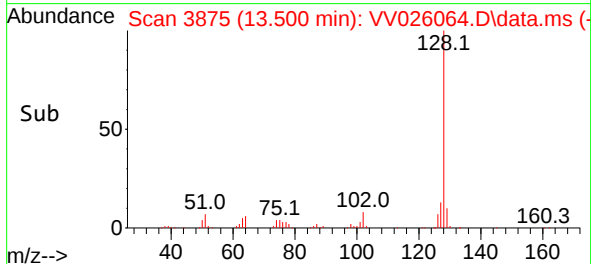
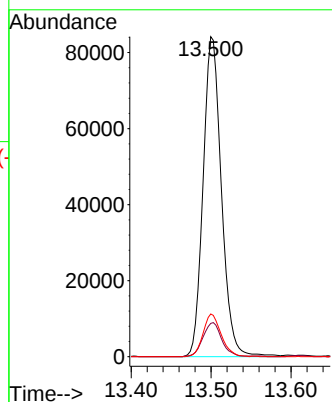
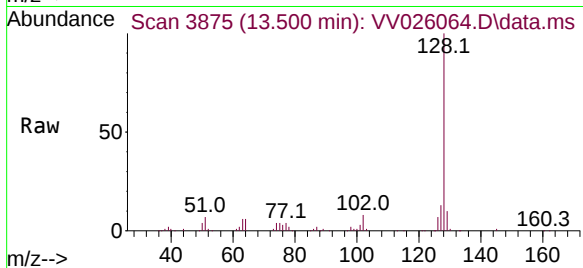
Tgt Ion:128 Resp: 134502

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.2 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 4.740 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026064.D

Acq: 09 Jun 2022 18:57

Tgt Ion:180 Resp: 54961

Ion Ratio Lower Upper

180 100

182 96.1 74.0 111.0

145 35.7 25.5 38.3

