

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072122\
 Data File : VW026875.D
 Acq On : 21 Jul 2022 15:24
 Operator : SY/MD
 Sample : N3809-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 22 05:57:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 22 05:53:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	231942	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	234200	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	129007	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	61110	2.888	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.800%
7) Chloroethane-d5	1.564	69	62737	3.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.600%
11) 1,1-Dichloroethene-d2	2.108	63	135757	3.342	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	3.886	46	210861	63.849	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.700%
24) Chloroform-d	4.346	84	174079	4.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.030	65	77570	4.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.050	84	282439	3.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	6.069	67	97801	4.584	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.316	98	241232	3.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	7.622	79	30543	4.375	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.088	63	173966	57.557	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.120%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	90345	5.435	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	100606	4.476	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	141875	4.812	ug/L	99
3) Chloromethane	1.240	50	124097	4.386	ug/L	98
5) Vinyl chloride	1.307	62	137622	4.777	ug/L	99
6) Bromomethane	1.519	94	76406	4.431	ug/L	94
8) Chloroethane	1.580	64	79832	4.703	ug/L	96
9) Trichlorofluoromethane	1.748	101	186241	5.087	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	106432	5.074	ug/L	99
12) 1,1-Dichloroethene	2.114	96	99482	4.892	ug/L	89
13) Acetone	2.172	43	128898	46.389	ug/L #	28
14) Carbon disulfide	2.288	76	289698	4.835	ug/L	98
15) Methyl Acetate	2.432	43	34209	6.087	ug/L	95
16) Methylene chloride	2.503	84	113319	4.678	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	188477	5.379	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	103000	5.510	ug/L	95
19) 1,1-Dichloroethane	3.185	63	195830	5.737	ug/L	99
21) 2-Butanone	3.969	43	187866	57.975	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	109347	5.800	ug/L	99
23) Bromochloromethane	4.246	128	50416	5.805	ug/L	94
25) Chloroform	4.371	83	228918	6.403	ug/L	98

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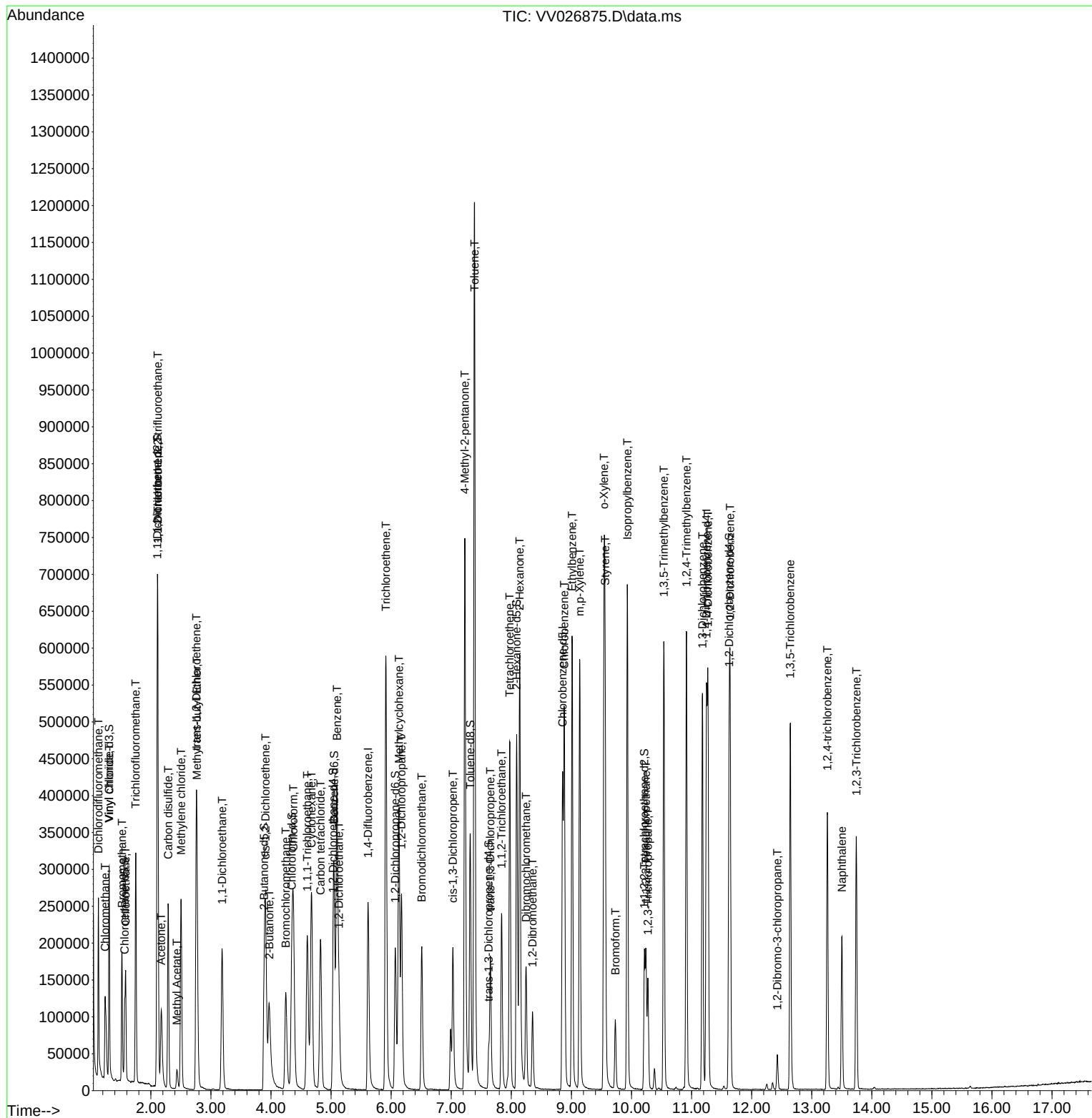
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	106049	5.506	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	173446	5.496	ug/L	99
30) Cyclohexane	4.673	56	129556	4.817	ug/L	99
31) Carbon tetrachloride	4.825	117	157032	5.634	ug/L	98
33) Benzene	5.098	78	429872	5.490	ug/L	100
34) Trichloroethene	5.911	95	218388	11.348	ug/L	98
35) Methylcyclohexane	6.130	83	151328	5.152	ug/L	99
37) 1,2-Dichloropropane	6.172	63	109872	5.868	ug/L	99
38) Bromodichloromethane	6.509	83	137316	5.626	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	124534	5.352	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	481306	55.652	ug/L	99
42) Toluene	7.387	91	904582	11.439	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	107938	5.650	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	77516	5.664	ug/L	97
47) Tetrachloroethene	7.972	164	108850	7.212	ug/L	99
48) 2-Hexanone	8.140	43	359840	57.489	ug/L	99
49) Dibromochloromethane	8.246	129	88748	5.627	ug/L	96
50) 1,2-Dibromoethane	8.352	107	69321	5.724	ug/L	98
51) Chlorobenzene	8.882	112	284383	5.688	ug/L	97
52) Ethylbenzene	9.011	91	423051	5.406	ug/L	99
53) m,p-Xylene	9.140	106	173301	5.695	ug/L	96
54) o-Xylene	9.545	106	162096	5.605	ug/L	93
55) Styrene	9.561	104	263293	5.195	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	90230	5.569	ug/L	96
59) Bromoform	9.731	173	42336	5.115	ug/L	96
60) Isopropylbenzene	9.931	105	424276	5.273	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	62025	5.213	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	323599	5.055	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	332033	5.108	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	218710	5.548	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	223510	5.576	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	201488	5.473	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	11996	4.756	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	150961	5.417	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	112339	5.301	ug/L	99
71) Naphthalene	13.503	128	165275	4.707	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	103858	5.267	ug/L	99

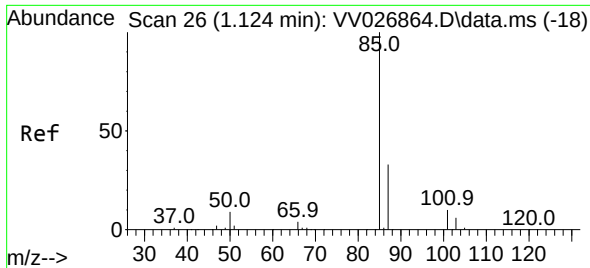
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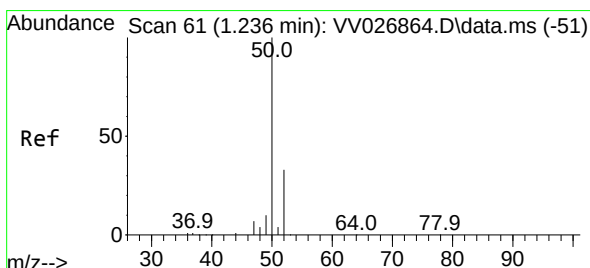
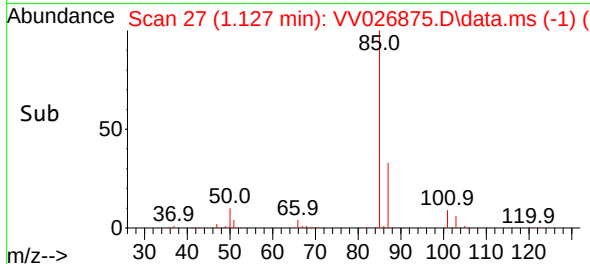
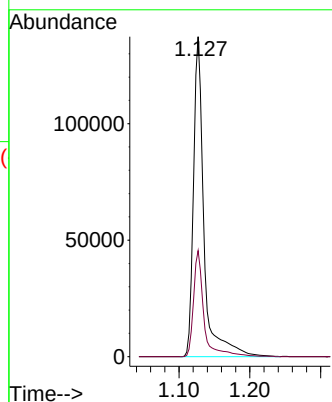
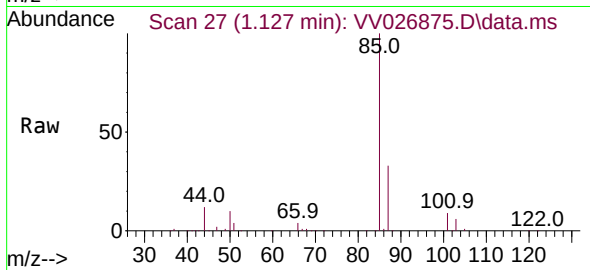




#2
 Dichlorodifluoromethane
 Concen: 4.812 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026875.D
 Acq: 21 Jul 2022 15:24

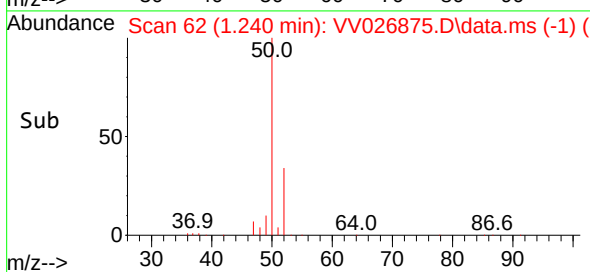
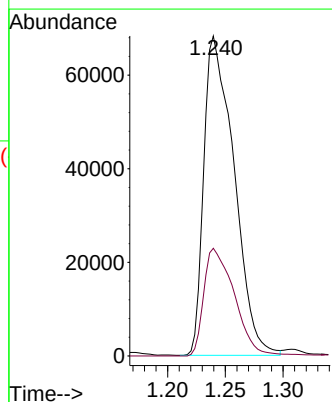
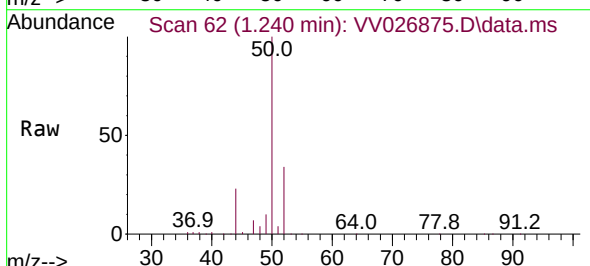
Instrument :
 MSVOA_V
 ClientSampleId :

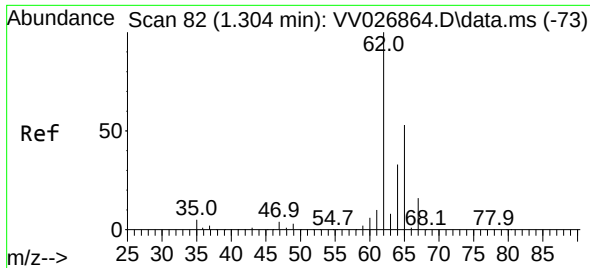
Tgt Ion: 85 Resp: 141875
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.8



#3
 Chloromethane
 Concen: 4.386 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV026875.D
 Acq: 21 Jul 2022 15:24

Tgt Ion: 50 Resp: 124097
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.8 42.4

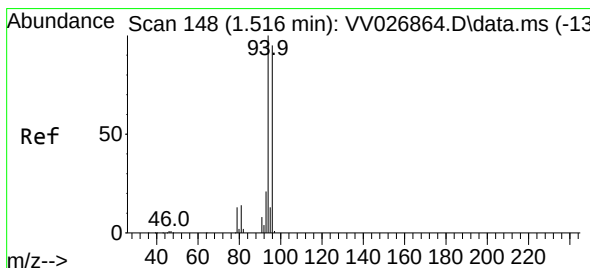
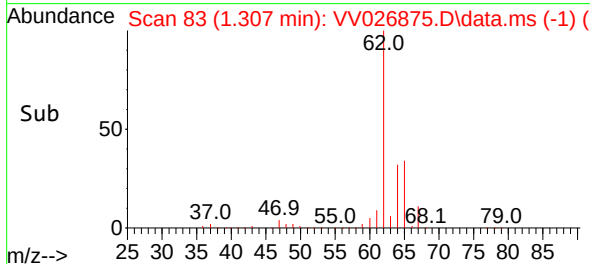
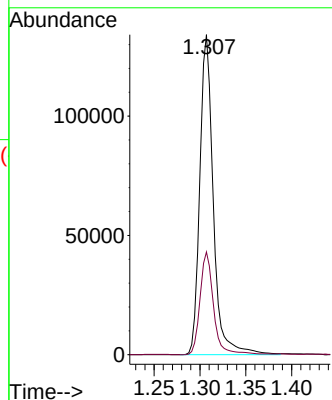
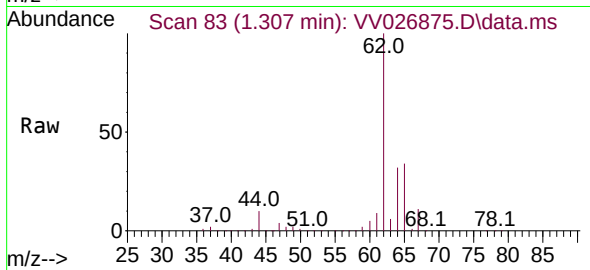




#5
 Vinyl chloride
 Concen: 4.777 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV026875.D
 Acq: 21 Jul 2022 15:24

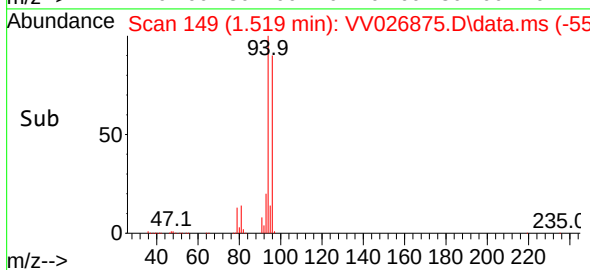
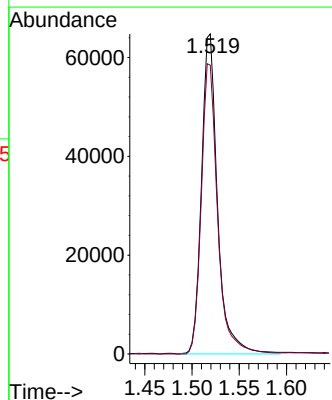
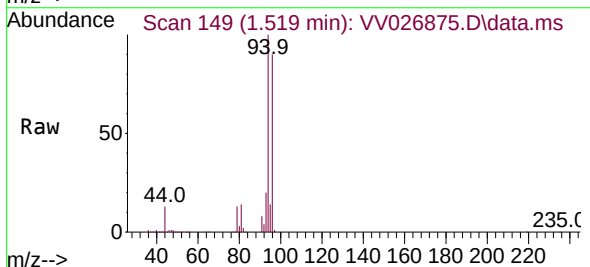
Instrument :
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 ClientSampleId :

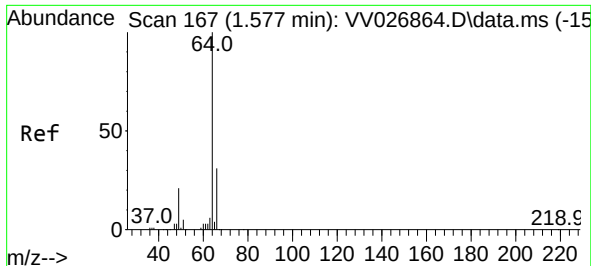
Tgt Ion: 62 Resp: 137622
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.9 42.5



#6
 Bromomethane
 Concen: 4.431 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV026875.D
 Acq: 21 Jul 2022 15:24

Tgt Ion: 94 Resp: 76406
 Ion Ratio Lower Upper
 94 100
 96 90.2 67.1 124.7

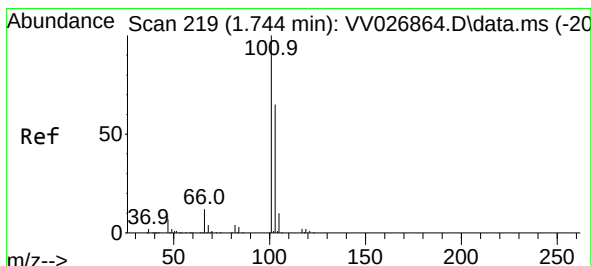
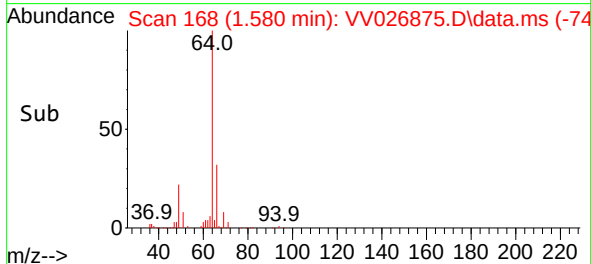
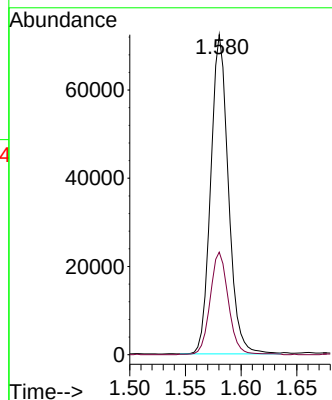
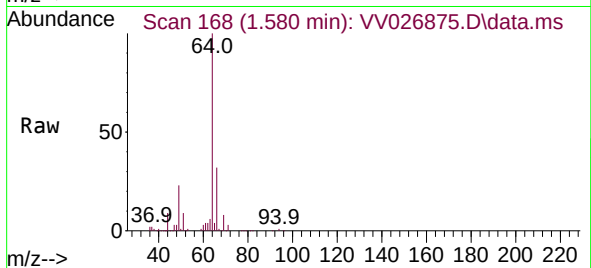




#8
Chloroethane
Concen: 4.703 ug/L
RT: 1.580 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

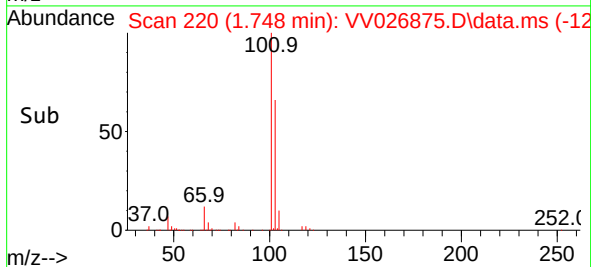
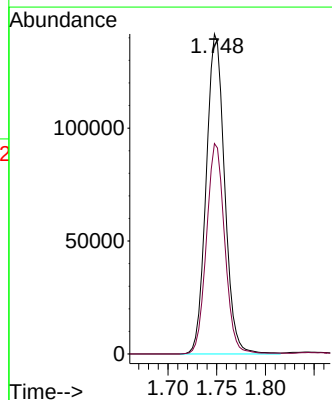
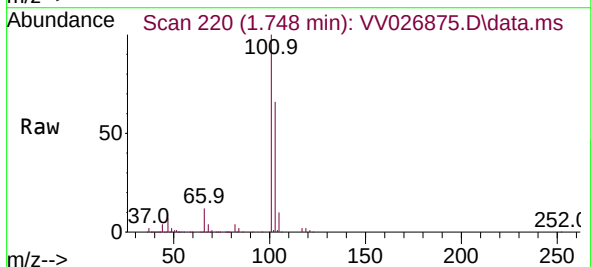
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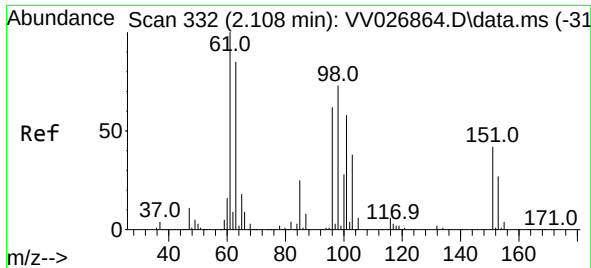
Tgt Ion: 64 Resp: 79832
Ion Ratio Lower Upper
64 100
66 32.0 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.087 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

Tgt Ion: 101 Resp: 186241
Ion Ratio Lower Upper
101 100
103 65.4 51.6 77.4

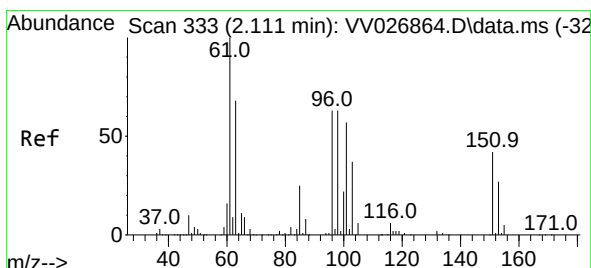
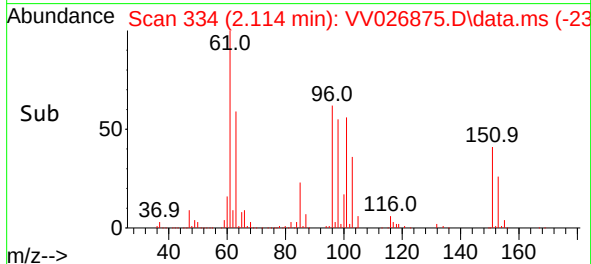
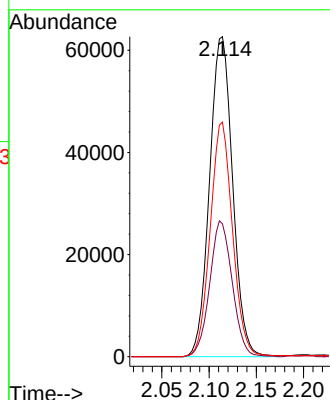
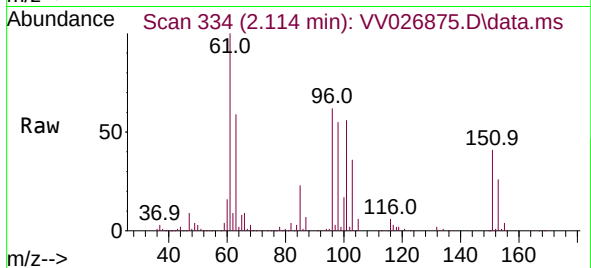




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.074 ug/L
 RT: 2.114 min Scan# 331
 Delta R.T. 0.006 min
 Lab File: VV026875.D
 Acq: 21 Jul 2022 15:24

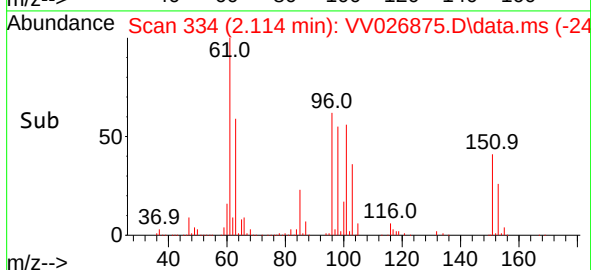
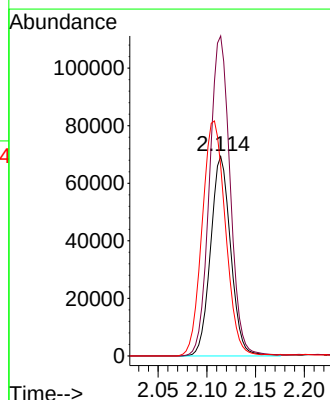
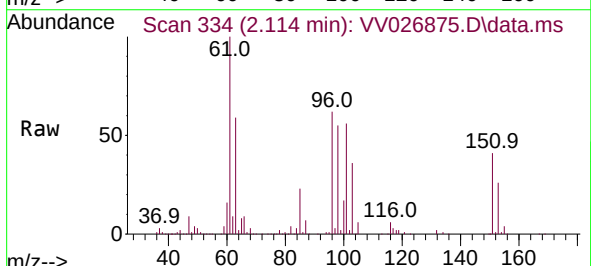
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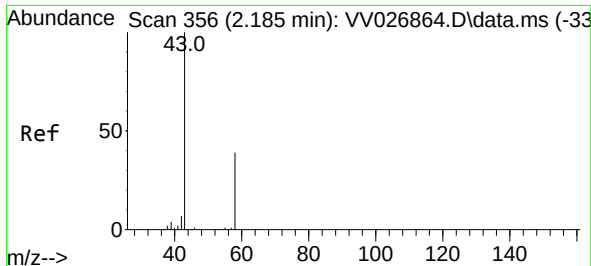
Tgt Ion:101 Resp: 106432
 Ion Ratio Lower Upper
 101 100
 85 41.4 35.0 52.4
 151 71.0 56.7 85.1



#12
 1,1-Dichloroethene
 Concen: 4.892 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV026875.D
 Acq: 21 Jul 2022 15:24

Tgt Ion: 96 Resp: 99482
 Ion Ratio Lower Upper
 96 100
 61 160.4 118.3 219.7
 63 95.3 79.9 148.3





#13

Acetone

Concen: 46.389 ug/L

RT: 2.172 min Scan# 3

Delta R.T. -0.013 min

Lab File: VV026875.D

Acq: 21 Jul 2022 15:24

Instrument :

MSVOA_V

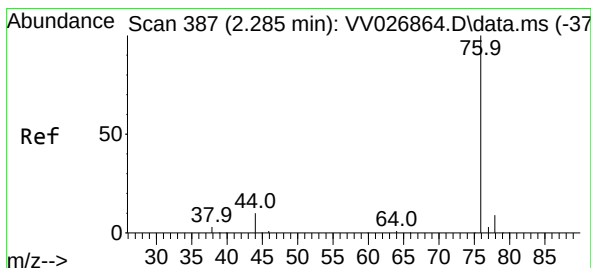
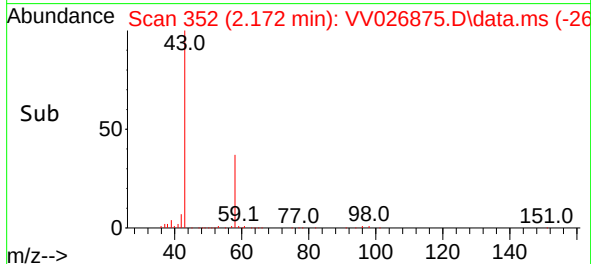
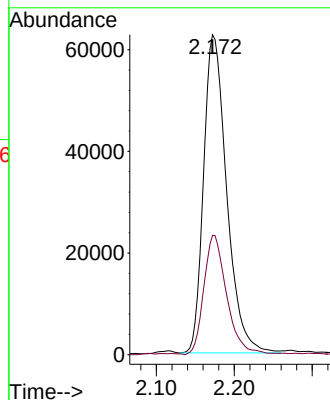
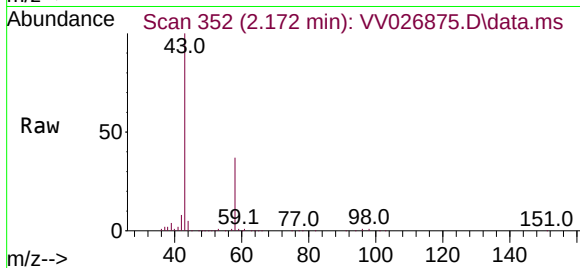
ClientSampleId :

Tgt Ion: 43 Resp: 128898

Ion Ratio Lower Upper

43 100

58 37.2 0.0 20.6#



#14

Carbon disulfide

Concen: 4.835 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV026875.D

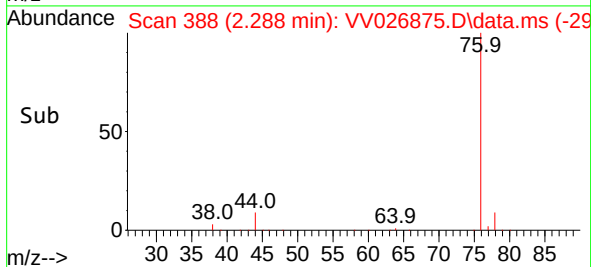
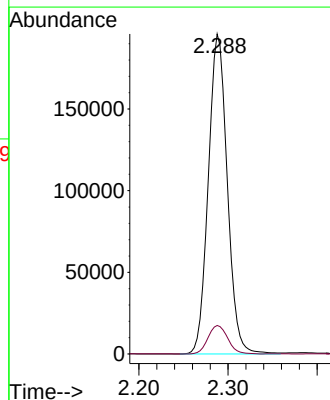
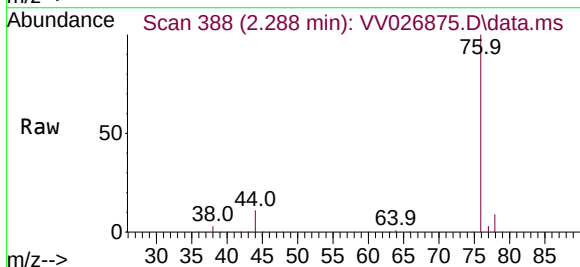
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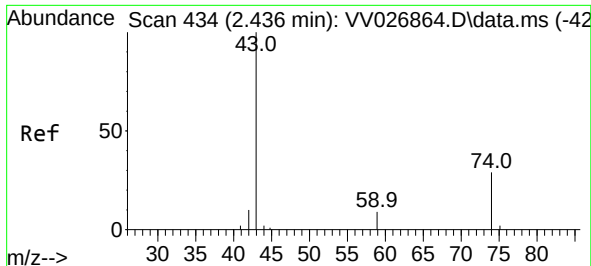
Tgt Ion: 76 Resp: 289698

Ion Ratio Lower Upper

76 100

78 8.9 7.7 11.5

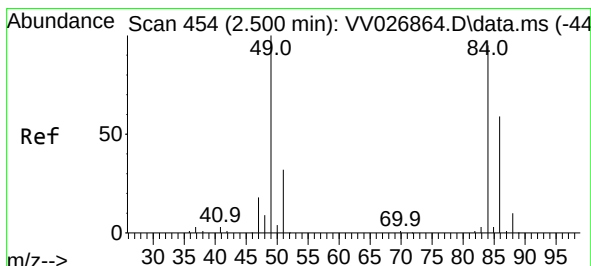
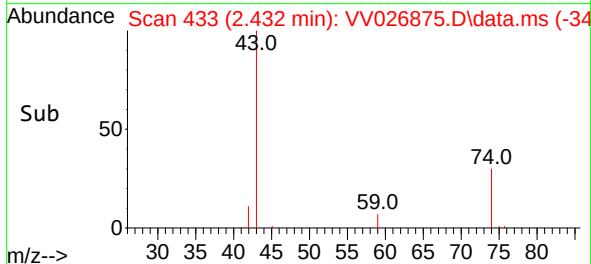
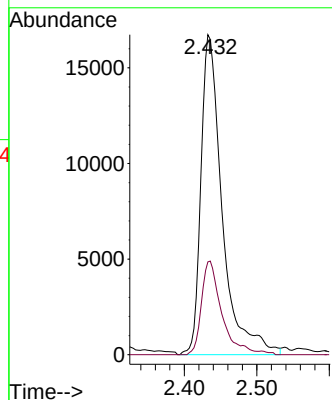
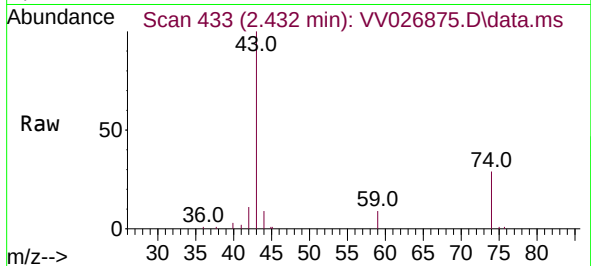




#15
Methyl Acetate
Concen: 6.087 ug/L
RT: 2.432 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

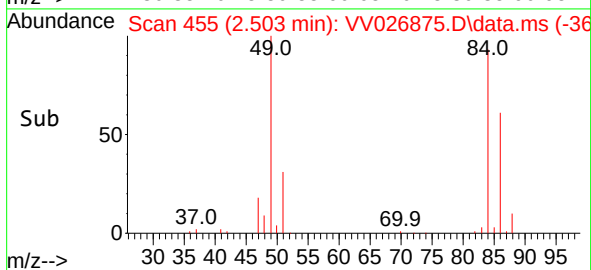
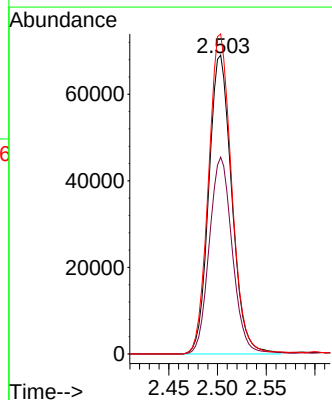
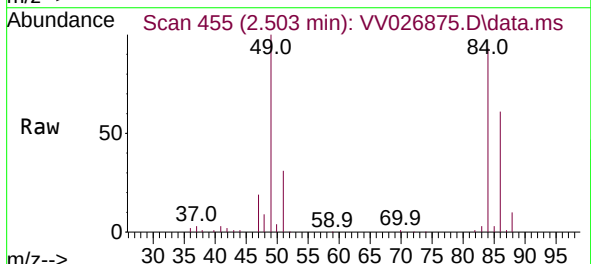
Instrument :
MSVOA_V
ClientSampleId :

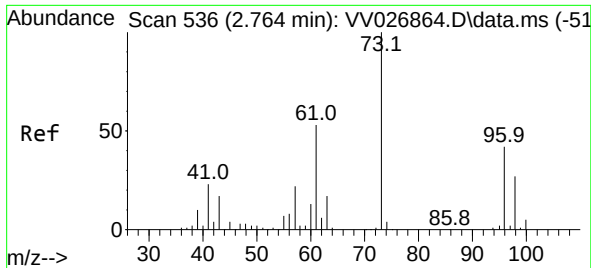
Tgt Ion: 43 Resp: 34209
Ion Ratio Lower Upper
43 100
74 27.5 20.1 30.1



#16
Methylene chloride
Concen: 4.678 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

Tgt Ion: 84 Resp: 113319
Ion Ratio Lower Upper
84 100
86 65.8 44.8 83.2
49 107.0 78.7 146.1

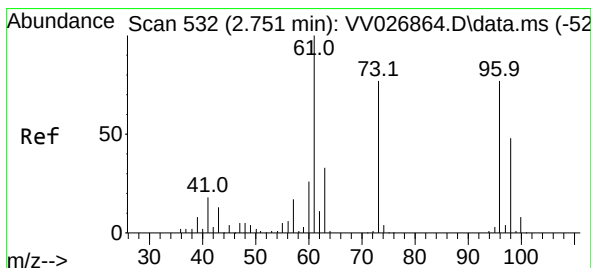
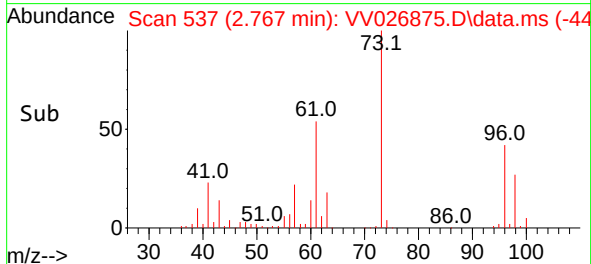
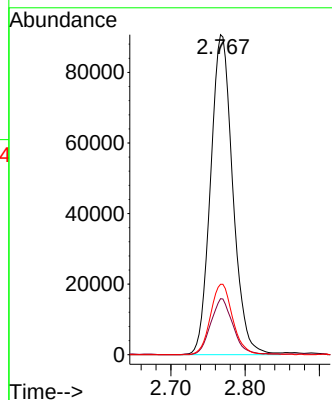
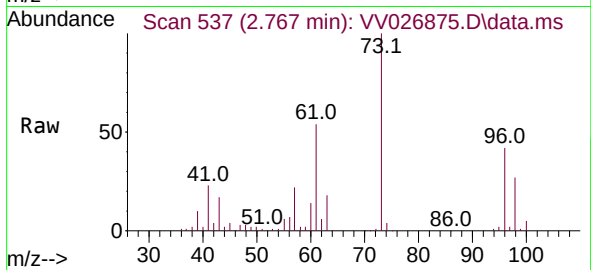




#17
Methyl tert-butyl Ether
Concen: 5.379 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

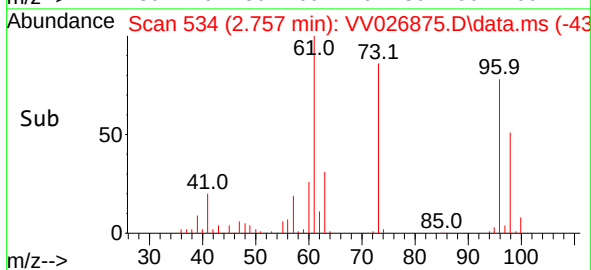
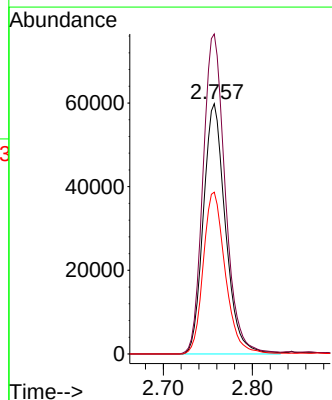
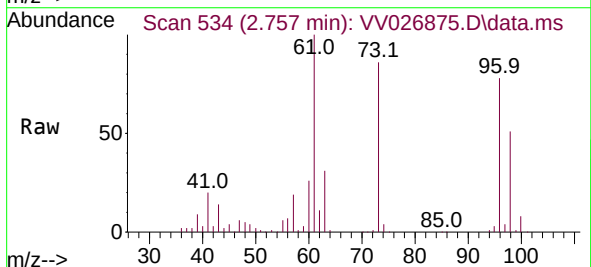
Instrument :
MSVOA_V
ClientSampleId :

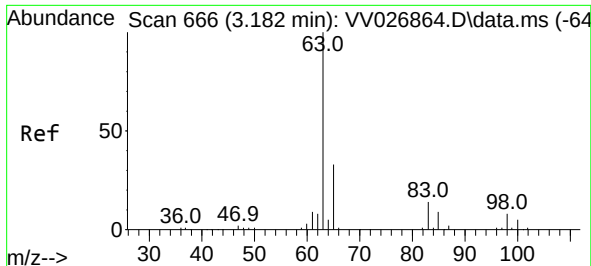
Tgt Ion: 73 Resp: 188477
Ion Ratio Lower Upper
73 100
43 17.4 14.0 21.0
57 22.0 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.510 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

Tgt Ion: 96 Resp: 103000
Ion Ratio Lower Upper
96 100
61 127.9 94.7 175.9
98 64.6 47.4 88.0





#19

1,1-Dichloroethane

Concen: 5.737 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV026875.D

Acq: 21 Jul 2022 15:24

Instrument :

MSVOA_V

ClientSampleId :

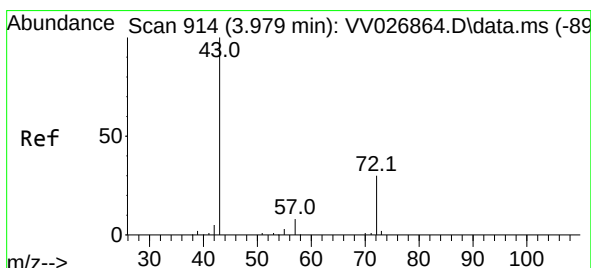
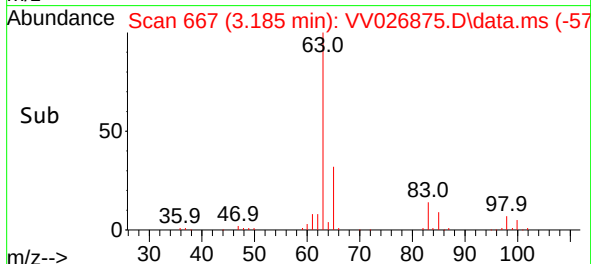
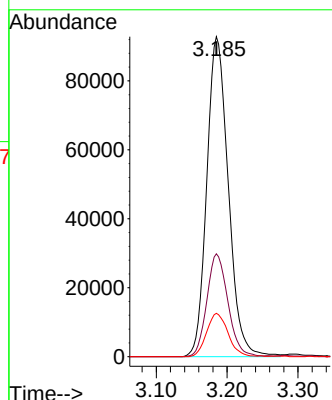
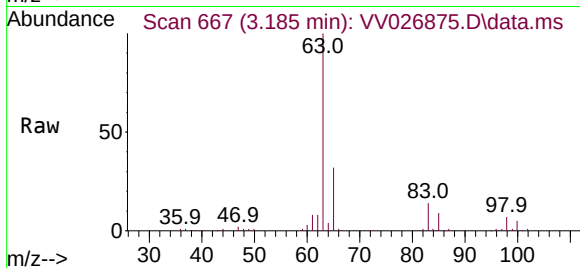
Tgt Ion: 63 Resp: 195830

Ion Ratio Lower Upper

63 100

65 32.2 22.3 41.3

83 13.5 9.9 18.5



#21

2-Butanone

Concen: 57.975 ug/L

RT: 3.969 min Scan# 911

Delta R.T. -0.010 min

Lab File: VV026875.D

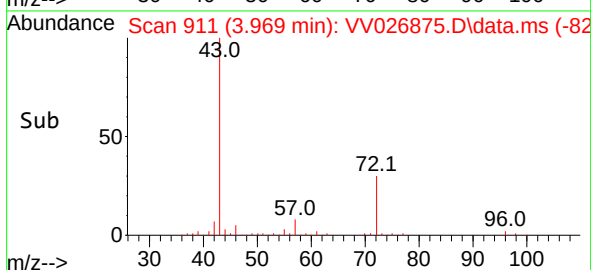
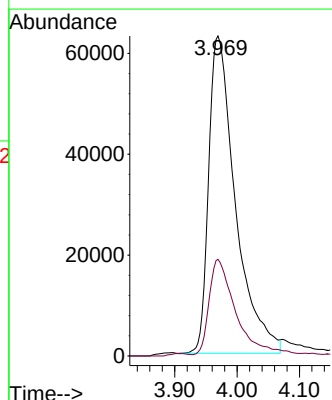
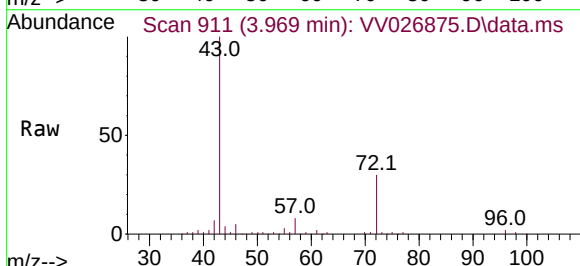
Acq: 21 Jul 2022 15:24

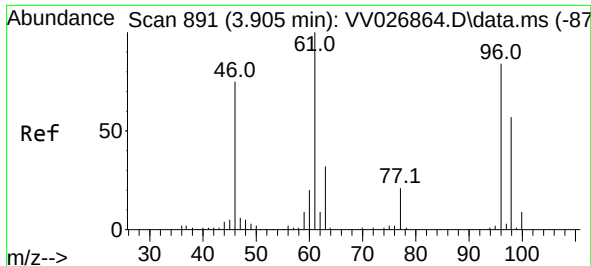
Tgt Ion: 43 Resp: 187866

Ion Ratio Lower Upper

43 100

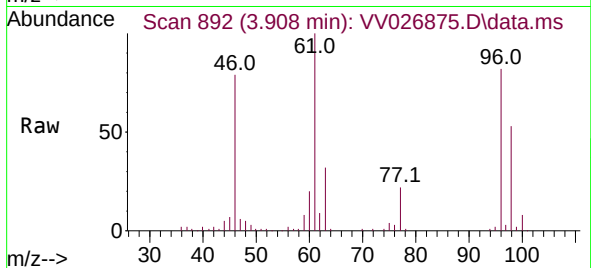
72 30.1 13.9 41.7



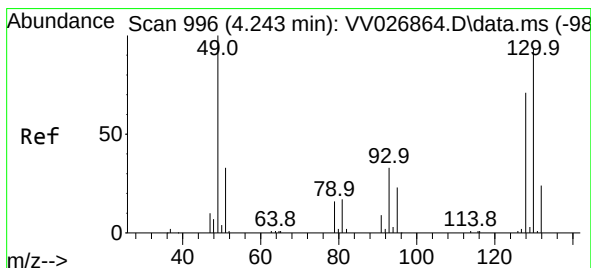
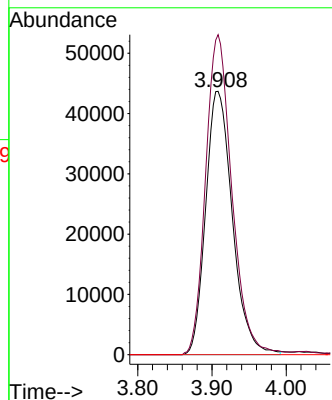
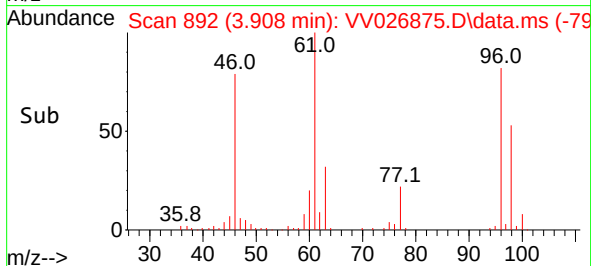


#22
 cis-1,2-Dichloroethene
 Concen: 5.800 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV026875.D
 Acq: 21 Jul 2022 15:24

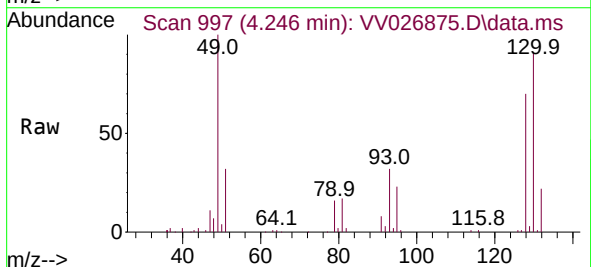
Instrument :
 MSVOA_V
 ClientSampleId :



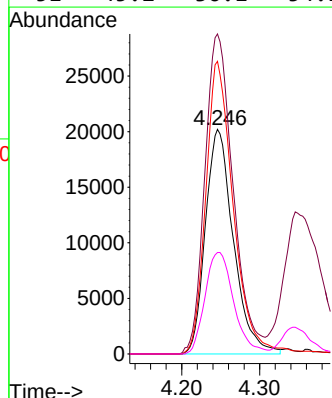
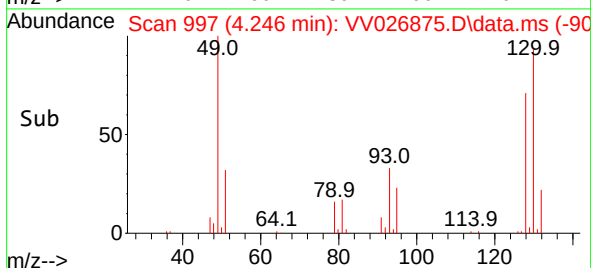
Tgt Ion: 96 Resp: 109347
 Ion Ratio Lower Upper
 96 100
 61 121.5 83.9 155.9
 68 0.0 0.0 0.0

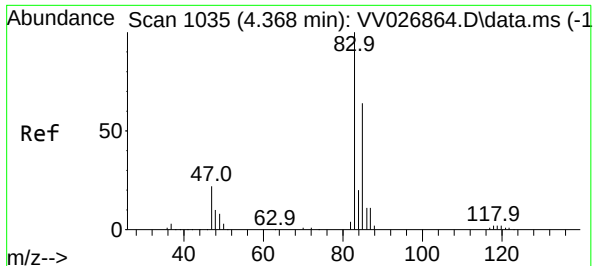


#23
 Bromochloromethane
 Concen: 5.805 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.003 min
 Lab File: VV026875.D
 Acq: 21 Jul 2022 15:24



Tgt Ion: 128 Resp: 50416
 Ion Ratio Lower Upper
 128 100
 49 142.5 107.2 199.2
 130 130.3 87.1 161.7
 51 45.2 36.1 54.1

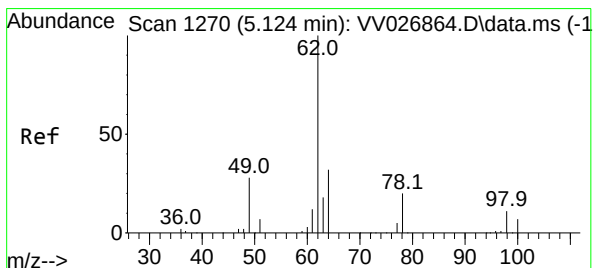
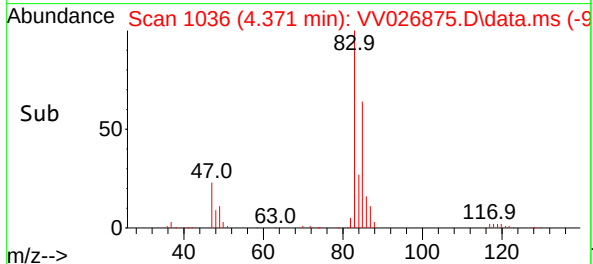
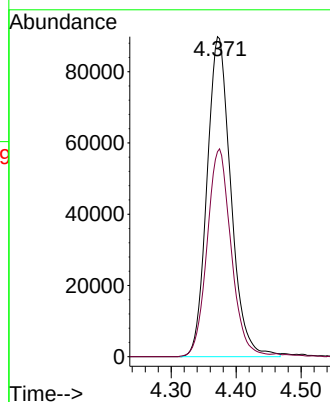
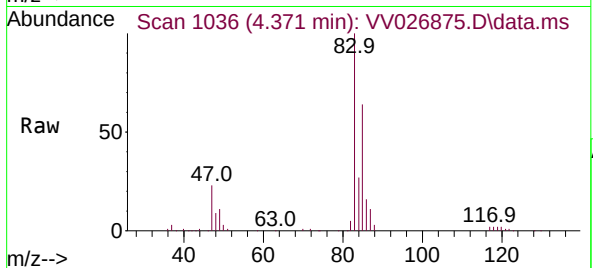




#25
Chloroform
Concen: 6.403 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

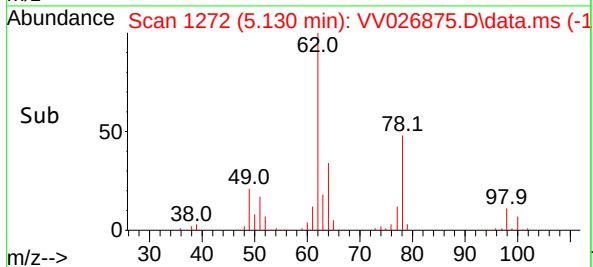
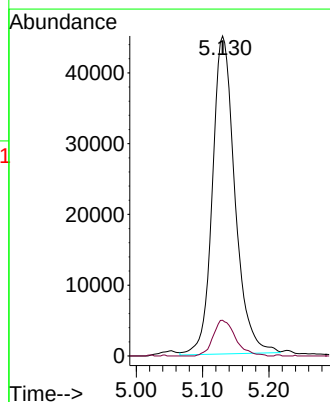
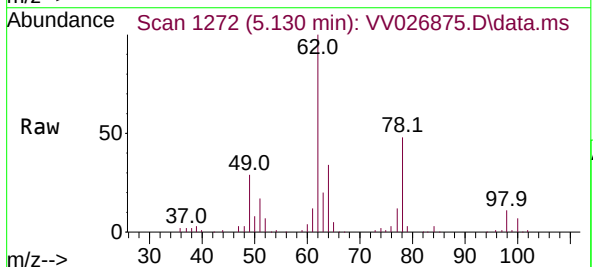
Instrument :
MSVOA_V
ClientSampleId :

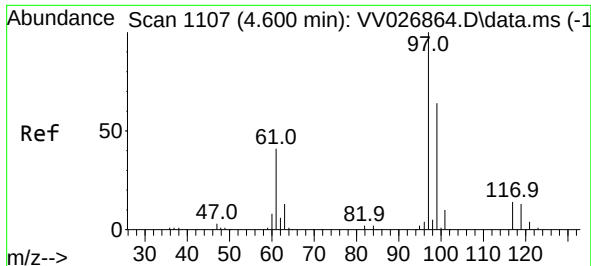
Tgt Ion: 83 Resp: 228918
Ion Ratio Lower Upper
83 100
85 64.1 45.7 84.9



#27
1,2-Dichloroethane
Concen: 5.506 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.006 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

Tgt Ion: 62 Resp: 106049
Ion Ratio Lower Upper
62 100
98 11.2 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 5.496 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV026875.D

Acq: 21 Jul 2022 15:24

Instrument :

MSVOA_V

ClientSampleId :

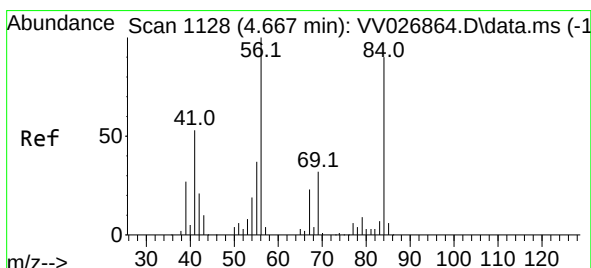
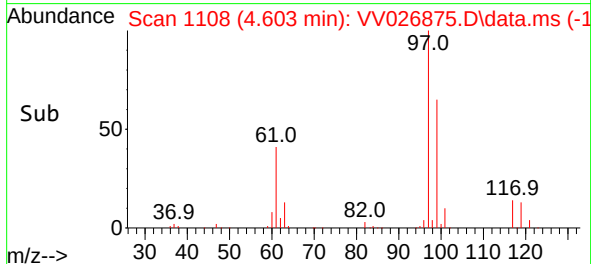
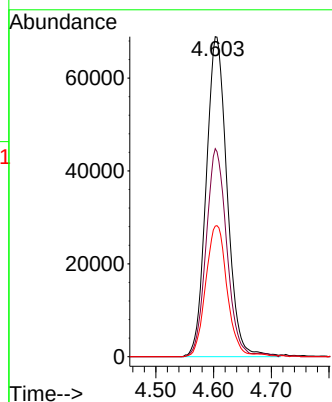
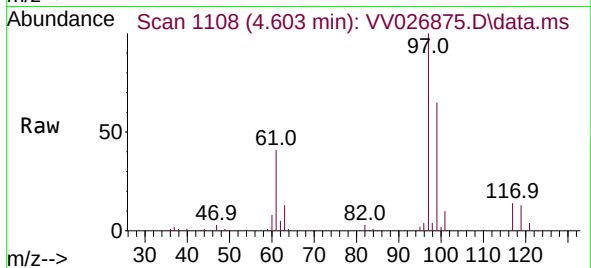
Tgt Ion: 97 Resp: 173446

Ion Ratio Lower Upper

97 100

99 63.8 51.3 76.9

61 42.2 35.1 52.7



#30

Cyclohexane

Concen: 4.817 ug/L

RT: 4.673 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VV026875.D

Acq: 21 Jul 2022 15:24

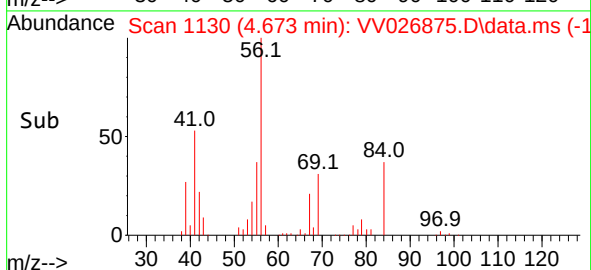
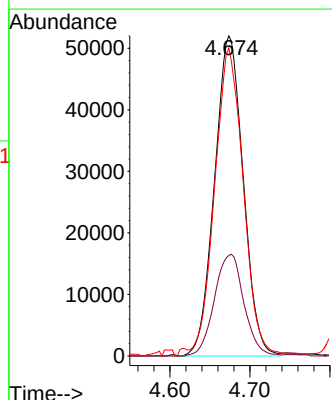
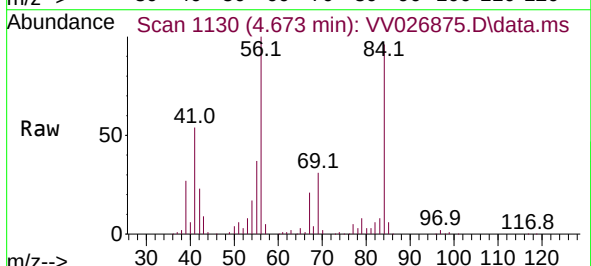
Tgt Ion: 56 Resp: 129556

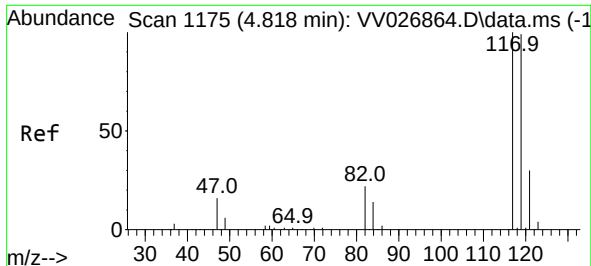
Ion Ratio Lower Upper

56 100

69 32.6 25.1 37.7

84 93.2 74.0 111.0

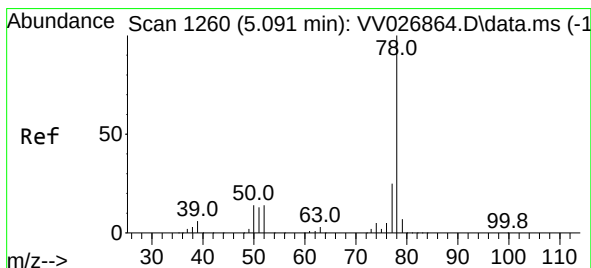
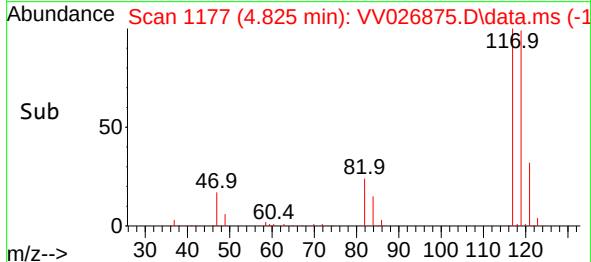
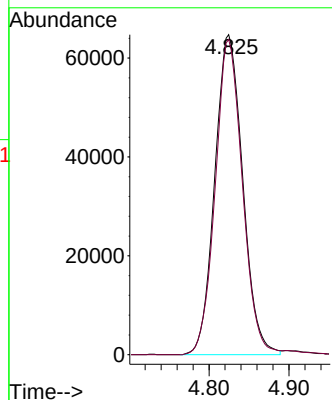
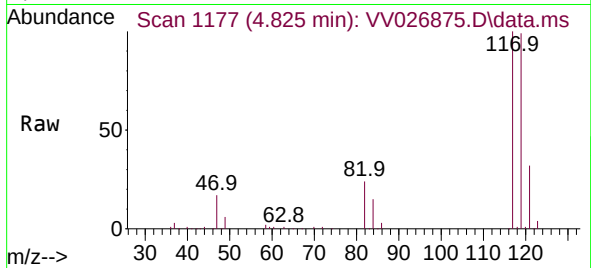




#31
Carbon tetrachloride
Concen: 5.634 ug/L
RT: 4.825 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

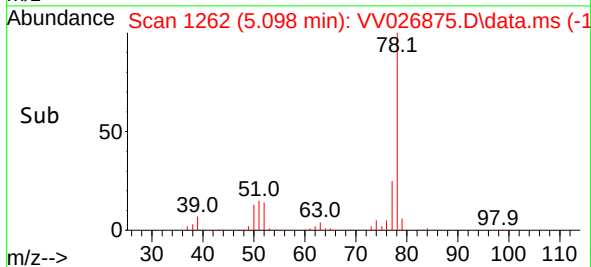
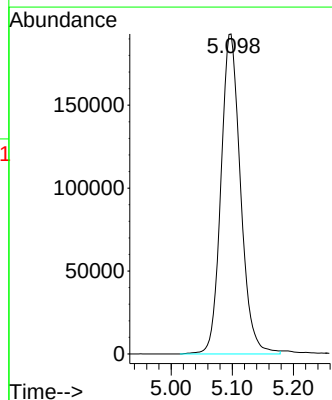
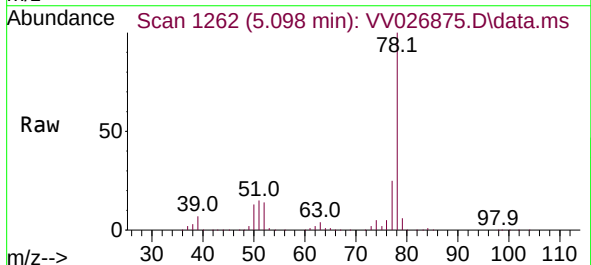
Instrument :
MSVOA_V
ClientSampleId :

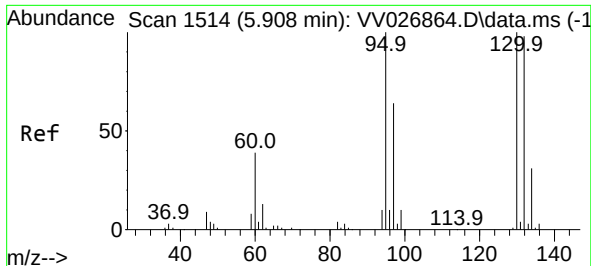
Tgt Ion:117 Resp: 157032
Ion Ratio Lower Upper
117 100
119 95.7 75.1 112.7



#33
Benzene
Concen: 5.490 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

Tgt Ion: 78 Resp: 429872

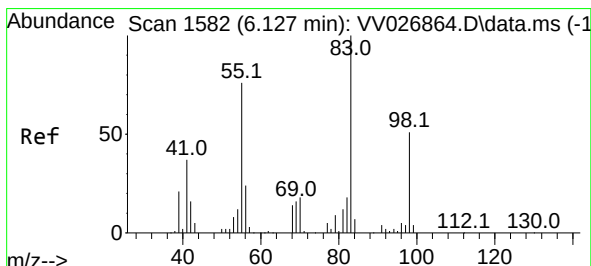
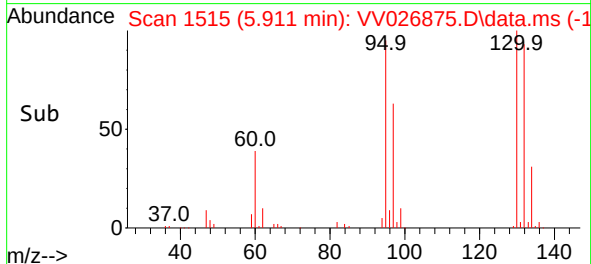
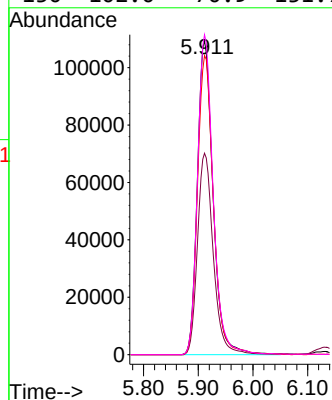
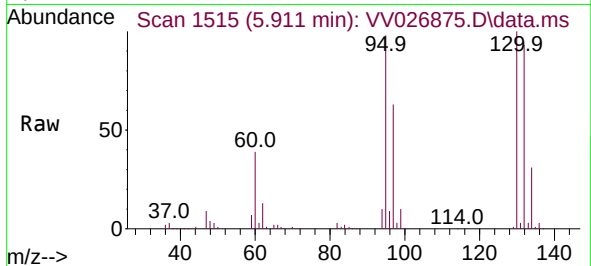




#34
Trichloroethene
Concen: 11.348 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

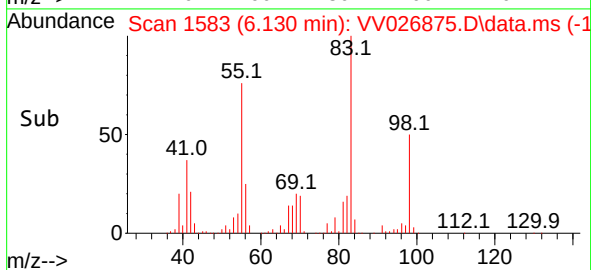
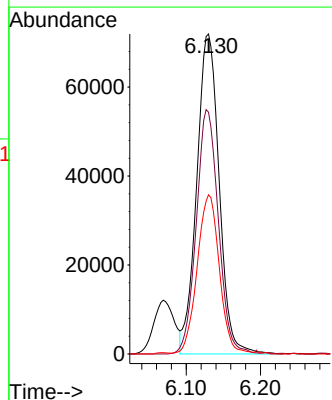
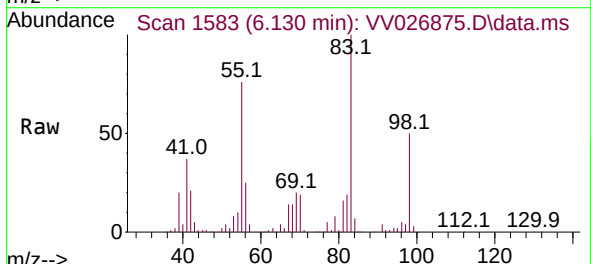
Instrument :
MSVOA_V
ClientSampleId :

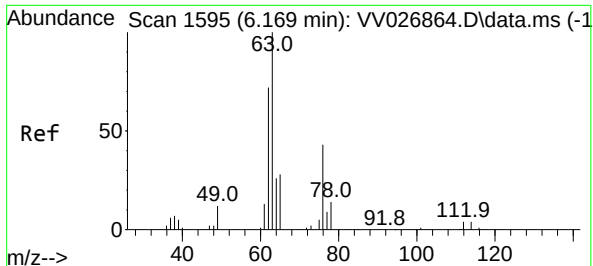
Tgt Ion: 95 Resp: 218388
Ion Ratio Lower Upper
95 100
97 64.2 44.6 82.8
132 95.3 70.2 130.4
130 102.0 70.9 131.7



#35
Methylcyclohexane
Concen: 5.152 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

Tgt Ion: 83 Resp: 151328
Ion Ratio Lower Upper
83 100
55 75.3 59.5 89.3
98 48.3 38.3 57.5





#37

1,2-Dichloropropane

Concen: 5.868 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026875.D

Acq: 21 Jul 2022 15:24

Instrument :

MSVOA_V

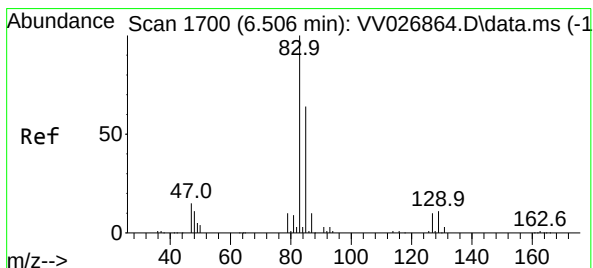
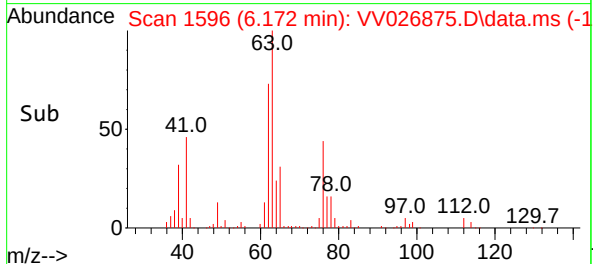
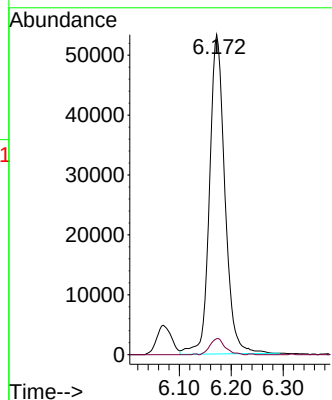
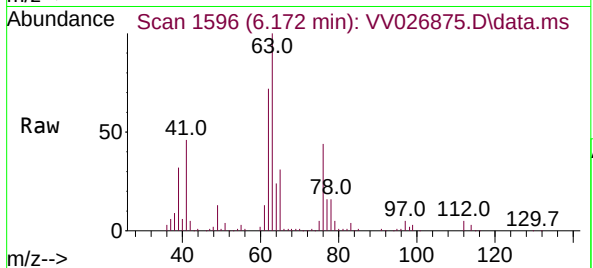
ClientSampleId :

Tgt Ion: 63 Resp: 109872

Ion Ratio Lower Upper

63 100

112 5.0 4.2 6.2



#38

Bromodichloromethane

Concen: 5.626 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV026875.D

Acq: 21 Jul 2022 15:24

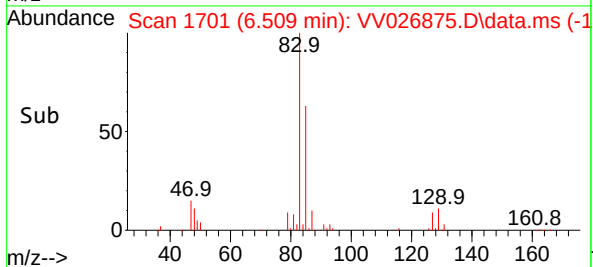
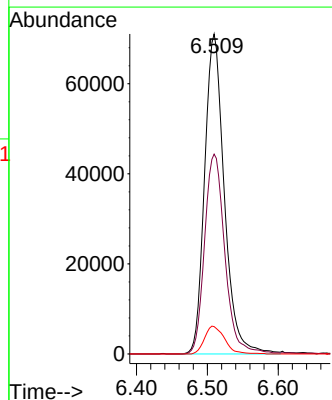
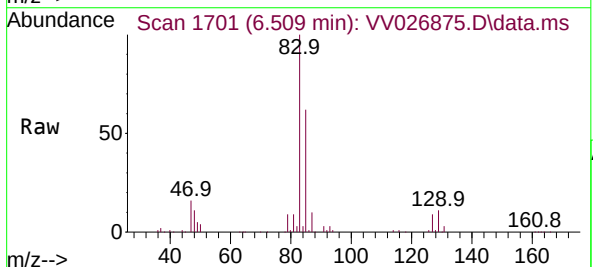
Tgt Ion: 83 Resp: 137316

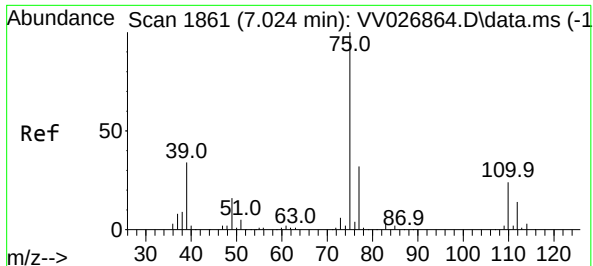
Ion Ratio Lower Upper

83 100

85 62.5 45.4 84.4

127 8.5 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.352 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV026875.D

Acq: 21 Jul 2022 15:24

Instrument :

MSVOA_V

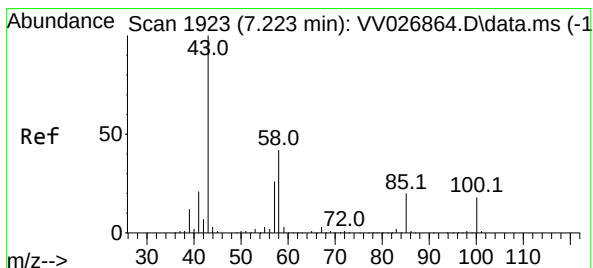
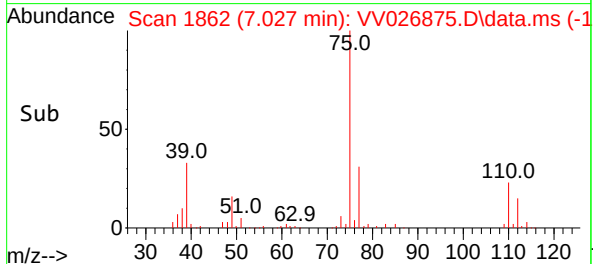
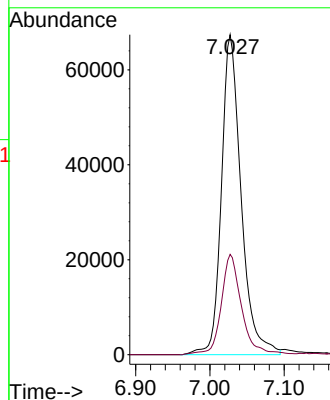
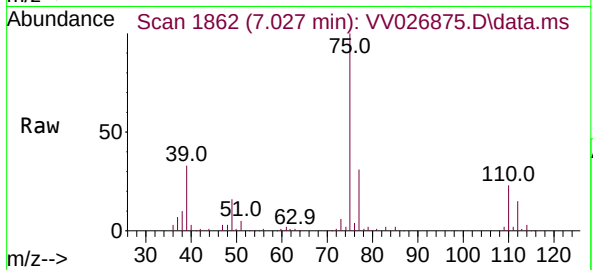
ClientSampleId :

Tgt Ion: 75 Resp: 124534

Ion Ratio Lower Upper

75 100

77 31.4 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 55.652 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV026875.D

Acq: 21 Jul 2022 15:24

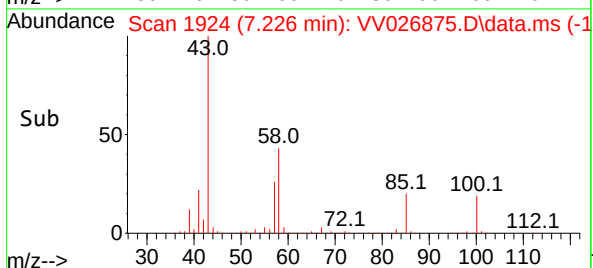
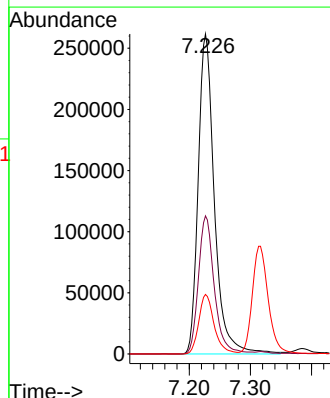
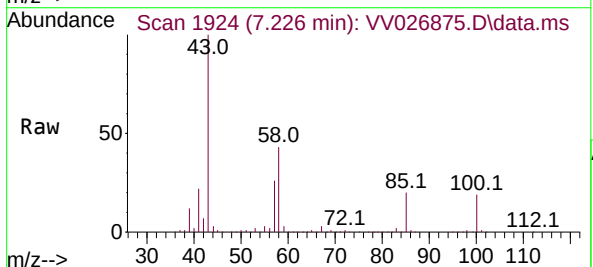
Tgt Ion: 43 Resp: 481306

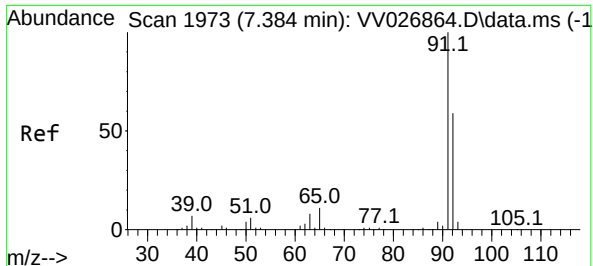
Ion Ratio Lower Upper

43 100

58 42.4 34.6 51.8

100 17.7 13.6 20.4

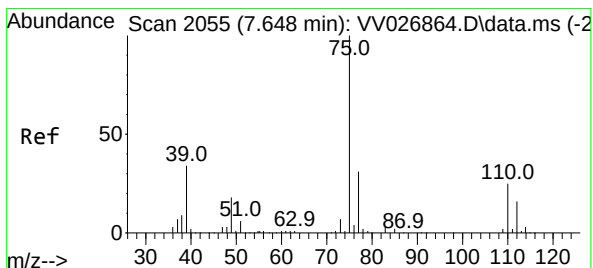
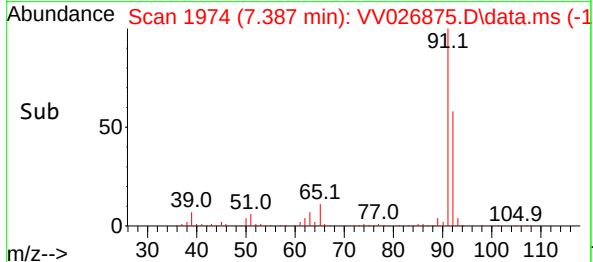
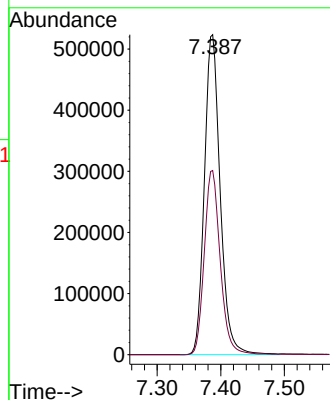
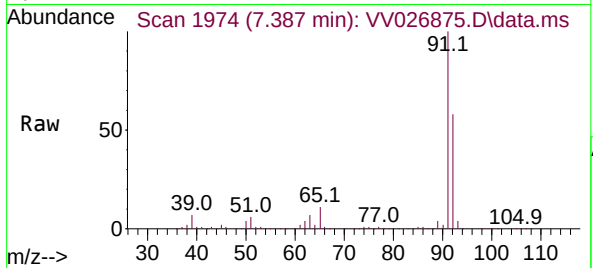




#42
Toluene
Concen: 11.439 ug/L
RT: 7.387 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

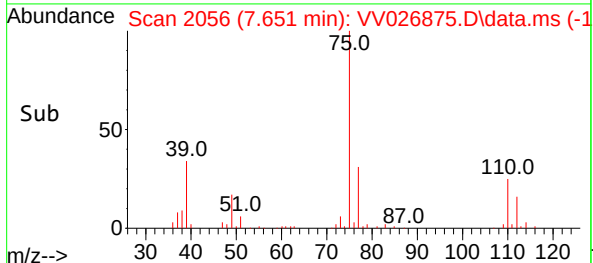
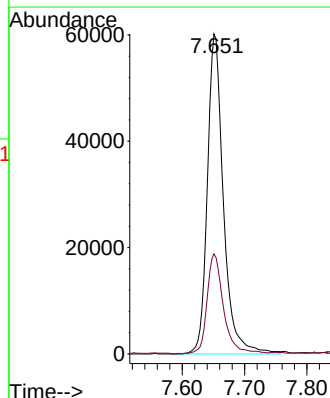
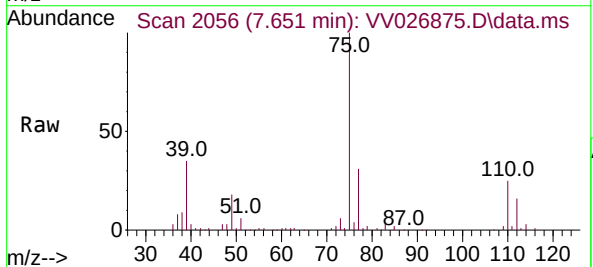
Instrument :
MSVOA_V
ClientSampleId :

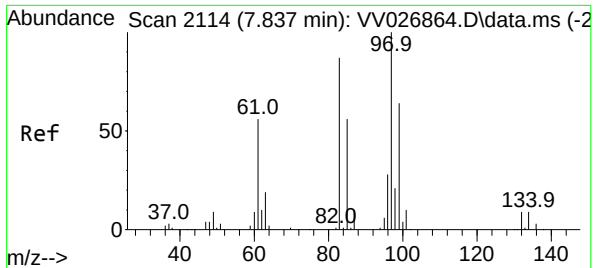
Tgt Ion: 91 Resp: 904582
Ion Ratio Lower Upper
91 100
92 57.5 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 5.650 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

Tgt Ion: 75 Resp: 107938
Ion Ratio Lower Upper
75 100
77 31.2 22.7 42.3

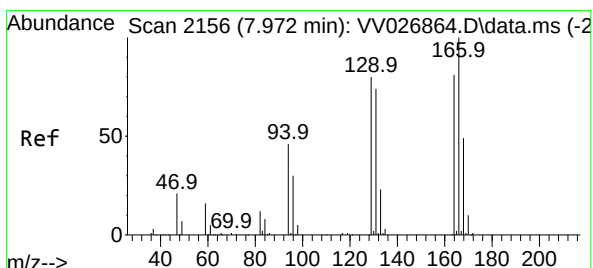
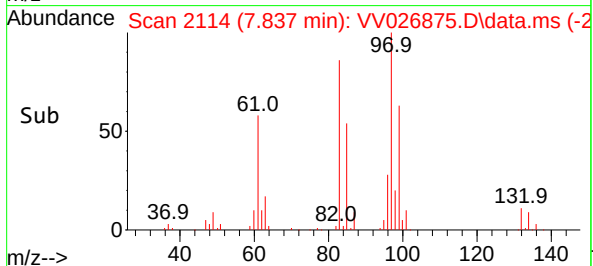
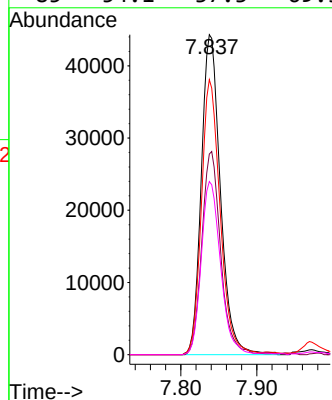
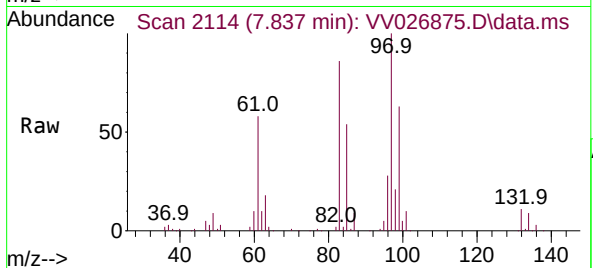




#45
1,1,2-Trichloroethane
Concen: 5.664 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

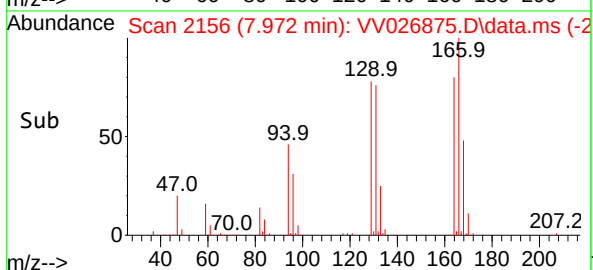
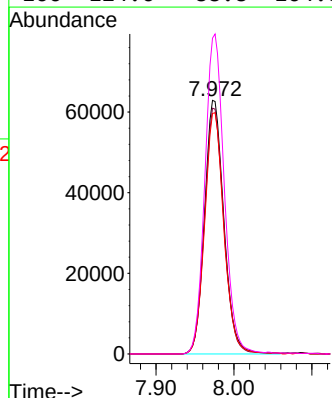
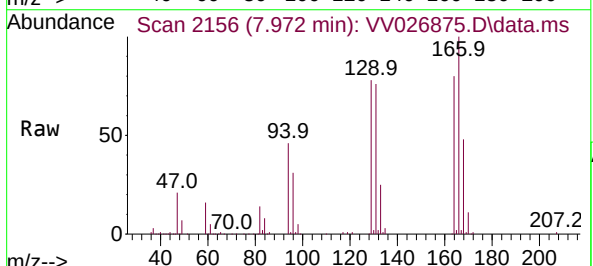
Instrument :
MSVOA_V
ClientSampleId :

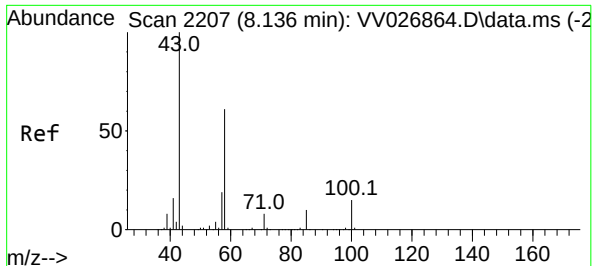
Tgt Ion:	97	Resp:	77516
Ion	Ratio	Lower	Upper
97	100		
99	62.7	41.9	77.9
83	86.0	58.1	107.9
85	54.1	37.3	69.3



#47
Tetrachloroethene
Concen: 7.212 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

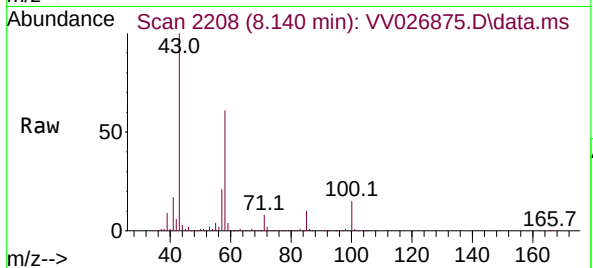
Tgt Ion:	164	Resp:	108850
Ion	Ratio	Lower	Upper
164	100		
129	96.9	67.8	125.8
131	94.8	65.9	122.5
166	124.6	88.8	164.8



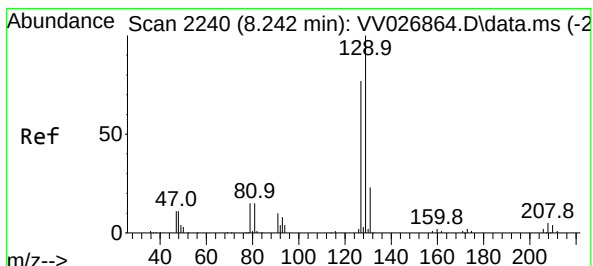
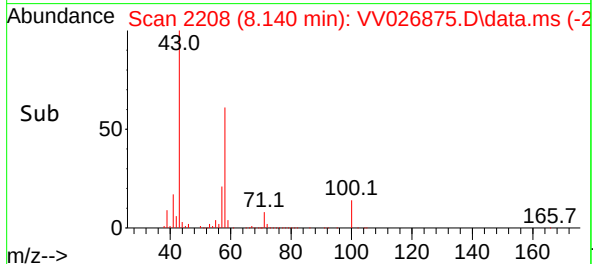
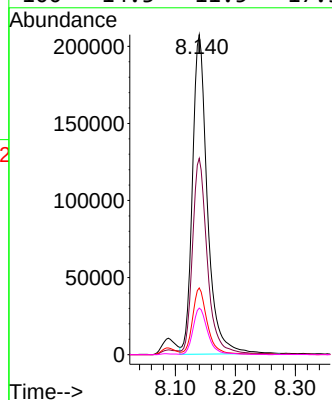


#48
2-Hexanone
Concen: 57.489 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

Instrument :
MSVOA_V
ClientSampleId :

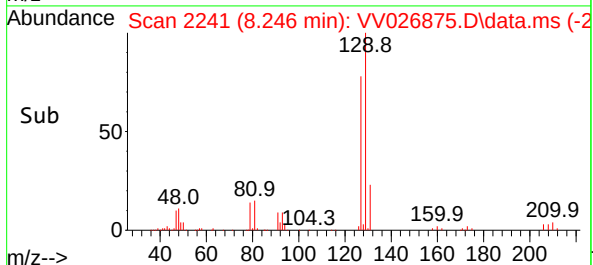
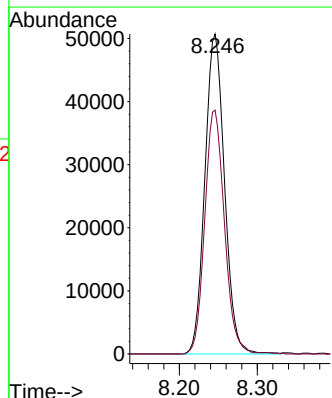
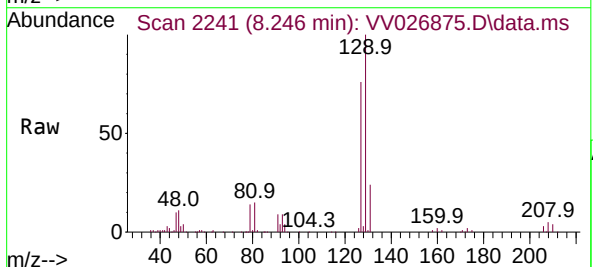


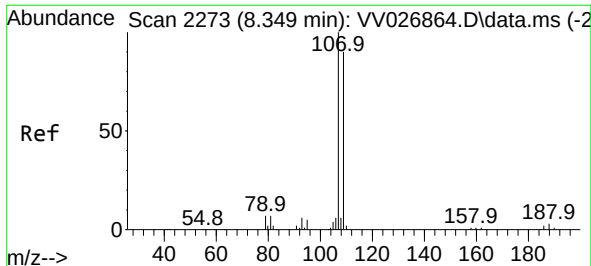
Tgt Ion: 43 Resp: 359840
Ion Ratio Lower Upper
43 100
58 60.4 47.9 71.9
57 20.5 16.3 24.5
100 14.3 11.5 17.3



#49
Dibromochloromethane
Concen: 5.627 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

Tgt Ion: 129 Resp: 88748
Ion Ratio Lower Upper
129 100
127 76.2 55.7 103.5





#50

1,2-Dibromoethane

Concen: 5.724 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

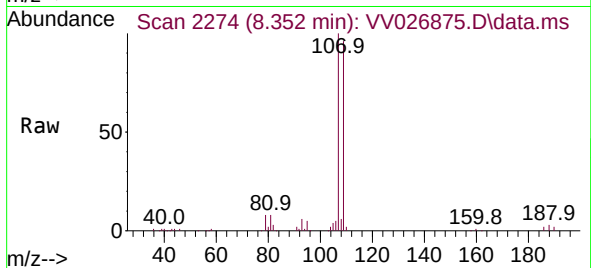
Lab File: VV026875.D

Acq: 21 Jul 2022 15:24

Instrument :

MSVOA_V

ClientSampleId :



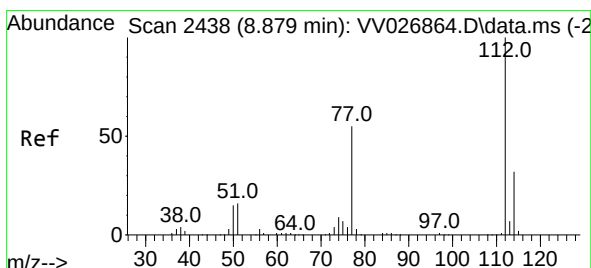
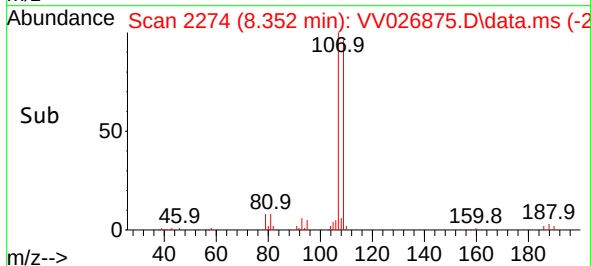
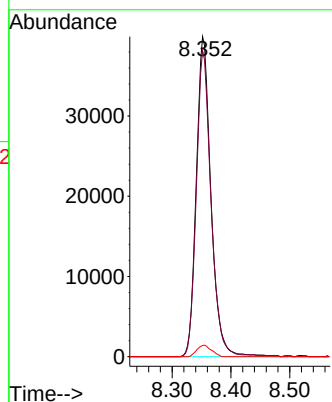
Tgt Ion:107 Resp: 69321

Ion Ratio Lower Upper

107 100

109 95.6 68.0 126.4

188 3.5 2.8 4.2



#51

Chlorobenzene

Concen: 5.688 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV026875.D

Acq: 21 Jul 2022 15:24

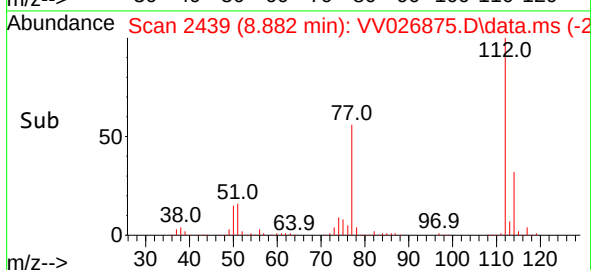
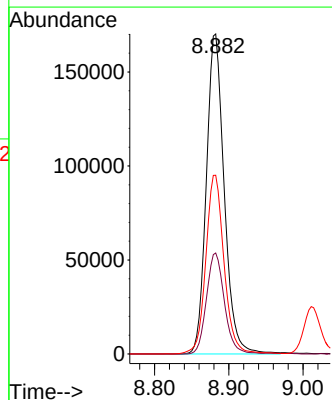
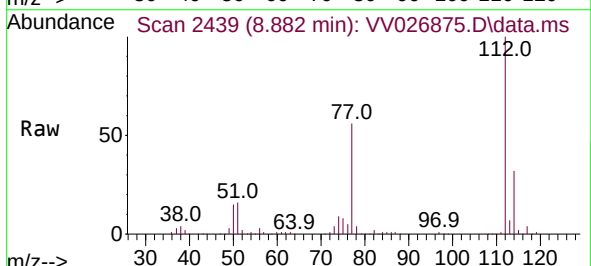
Tgt Ion:112 Resp: 284383

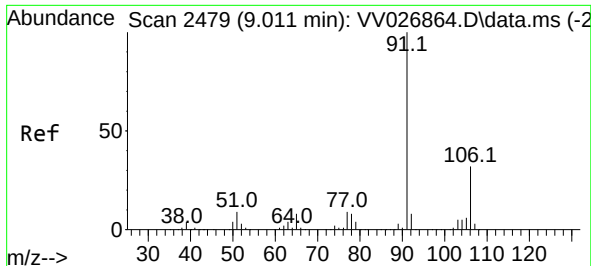
Ion Ratio Lower Upper

112 100

114 31.5 22.7 42.1

77 55.8 46.6 70.0

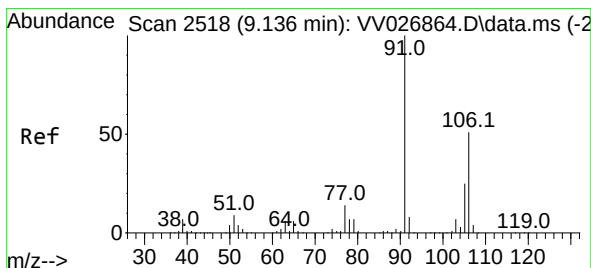
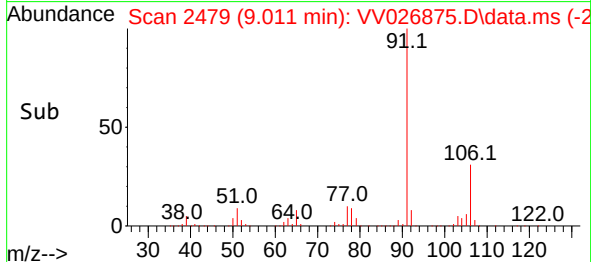
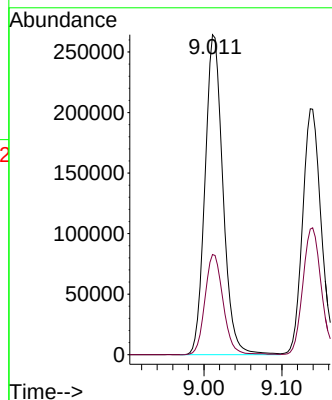
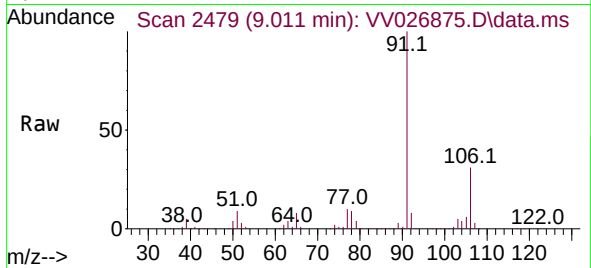




#52
Ethylbenzene
Concen: 5.406 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

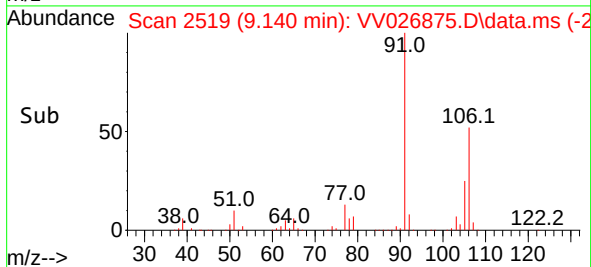
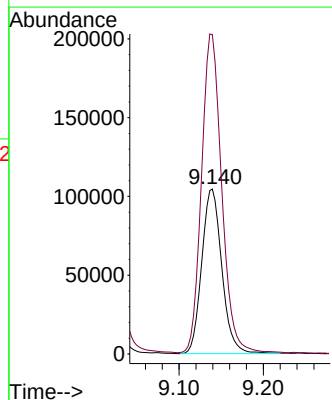
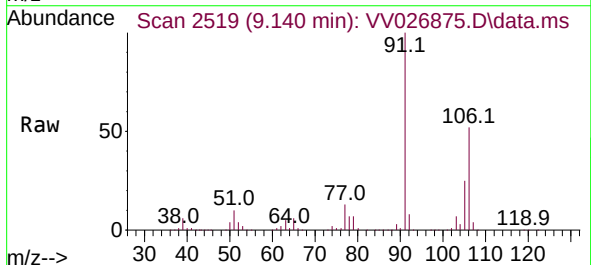
Instrument :
MSVOA_V
ClientSampleId :

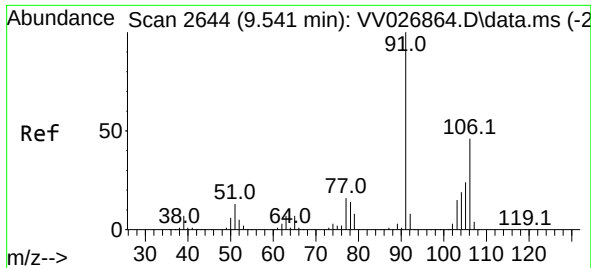
Tgt Ion: 91 Resp: 423051
Ion Ratio Lower Upper
91 100
106 31.3 21.6 40.2



#53
m,p-Xylene
Concen: 5.695 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

Tgt Ion: 106 Resp: 173301
Ion Ratio Lower Upper
106 100
91 193.5 139.3 258.7

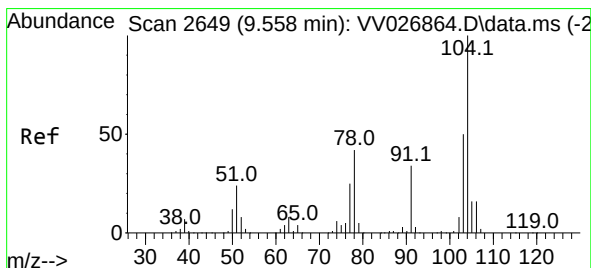
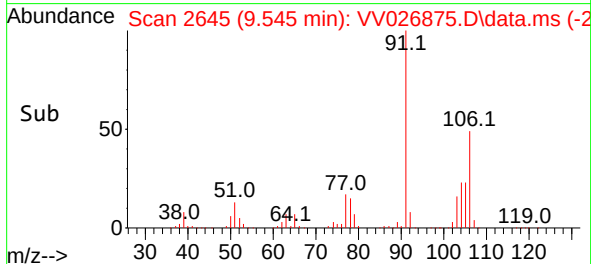
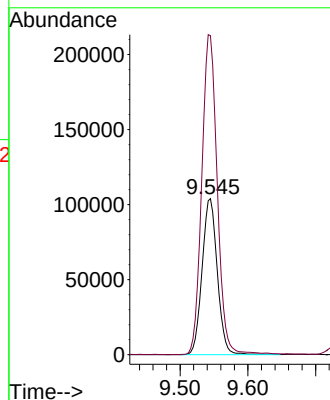
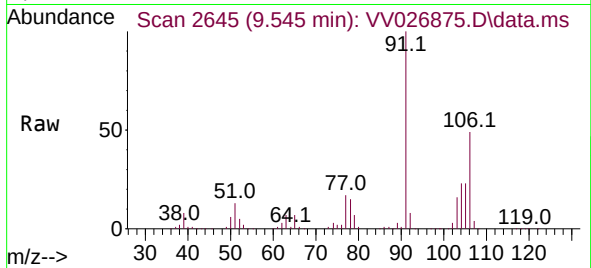




#54
o-Xylene
Concen: 5.605 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

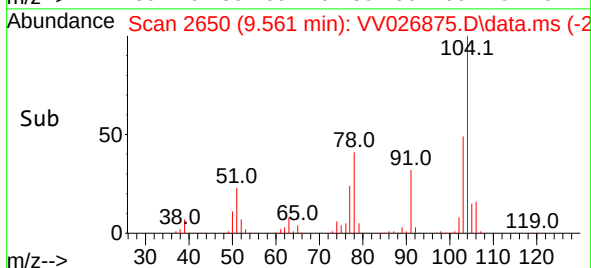
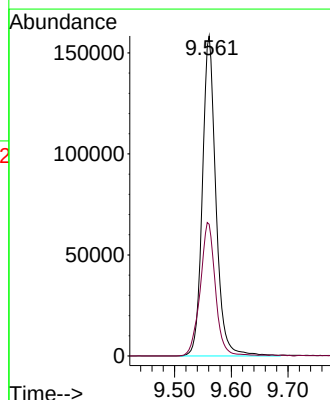
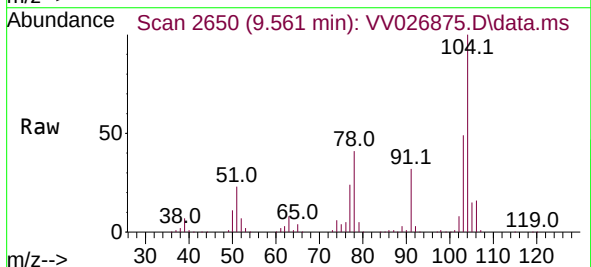
Instrument :
MSVOA_V
ClientSampleId :

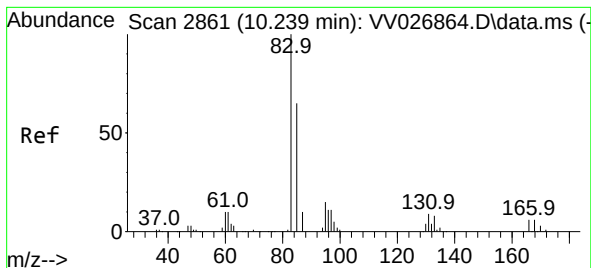
Tgt Ion:106 Resp: 162096
Ion Ratio Lower Upper
106 100
91 204.5 151.1 280.7



#55
Styrene
Concen: 5.195 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

Tgt Ion:104 Resp: 263293
Ion Ratio Lower Upper
104 100
78 41.1 29.5 54.9

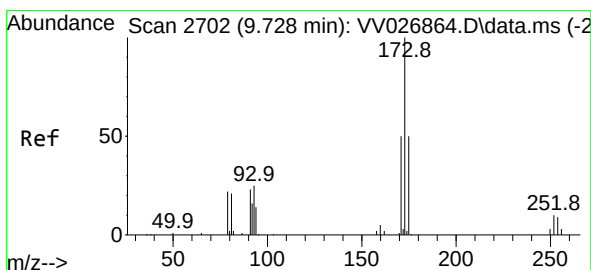
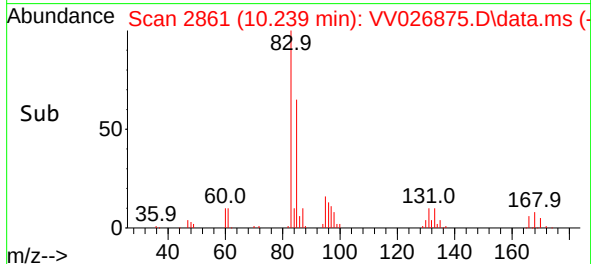
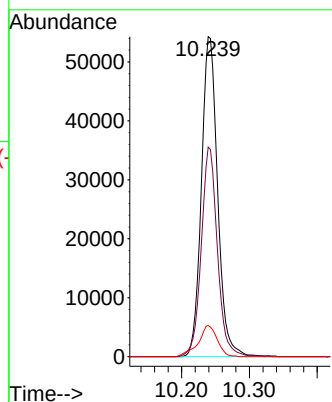
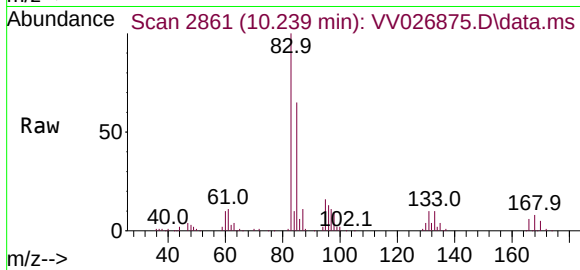




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.569 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV026875.D
 Acq: 21 Jul 2022 15:24

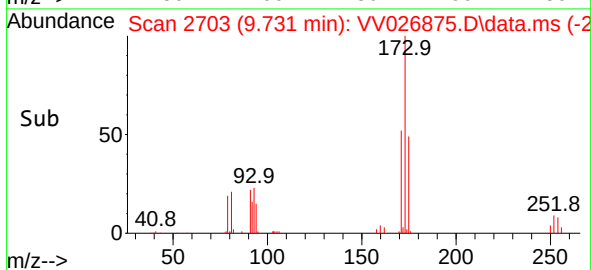
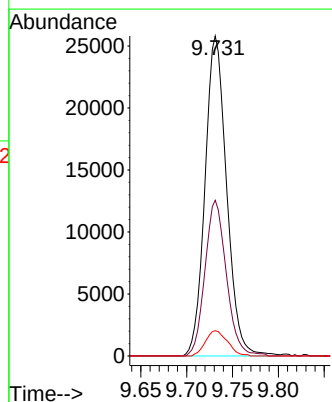
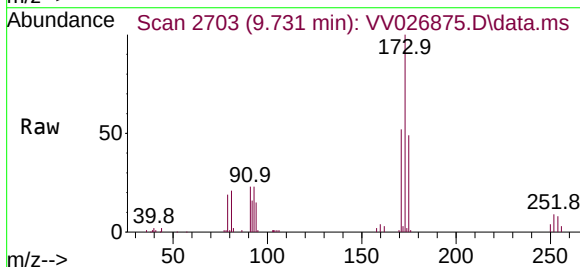
Instrument :
 MSVOA_V
 ClientSampleId :

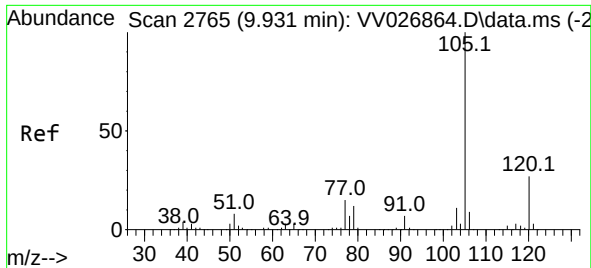
Tgt Ion: 83 Resp: 90230
 Ion Ratio Lower Upper
 83 100
 85 65.5 43.6 81.0
 131 9.7 7.4 11.2



#59
 Bromoform
 Concen: 5.115 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV026875.D
 Acq: 21 Jul 2022 15:24

Tgt Ion: 173 Resp: 42336
 Ion Ratio Lower Upper
 173 100
 175 48.1 40.7 61.1
 254 8.0 6.5 9.7

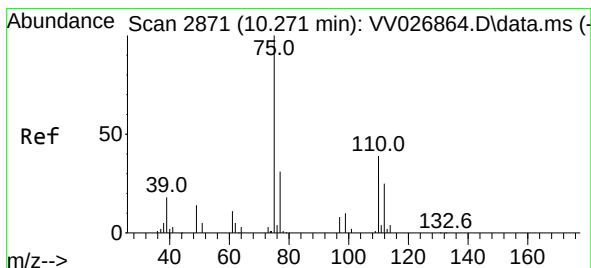
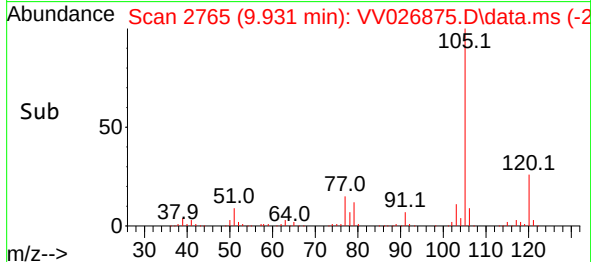
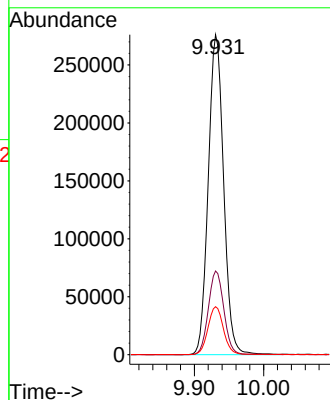
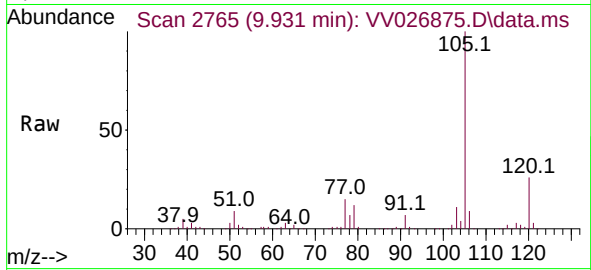




#60
Isopropylbenzene
Concen: 5.273 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

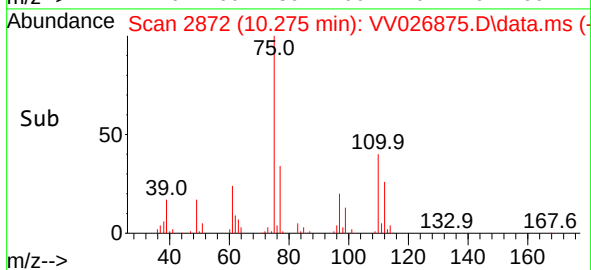
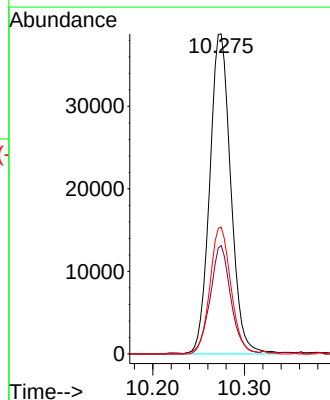
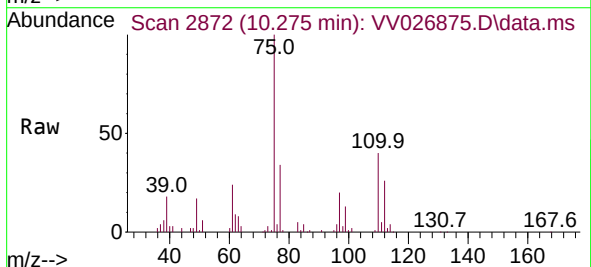
Instrument :
MSVOA_V
ClientSampleId :

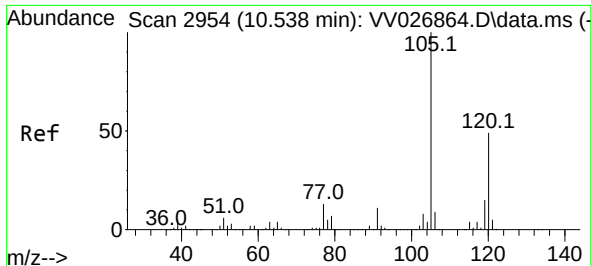
Tgt Ion:105 Resp: 424276
Ion Ratio Lower Upper
105 100
120 26.3 20.7 31.1
77 15.2 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.213 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

Tgt Ion: 75 Resp: 62025
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.0
110 39.5 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 5.055 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV026875.D

Acq: 21 Jul 2022 15:24

Instrument :

MSVOA_V

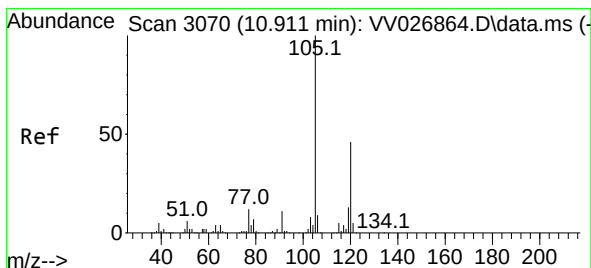
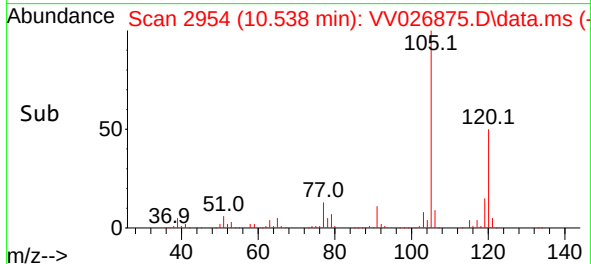
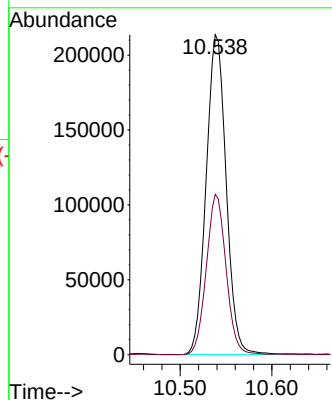
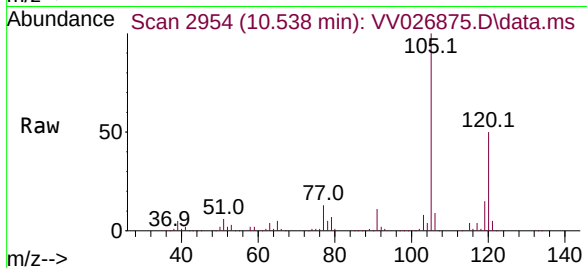
ClientSampleId :

Tgt Ion:105 Resp: 323599

Ion Ratio Lower Upper

105 100

120 49.4 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 5.108 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV026875.D

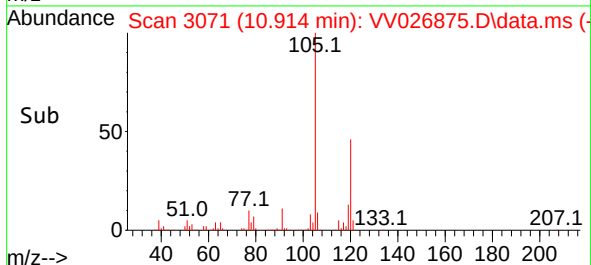
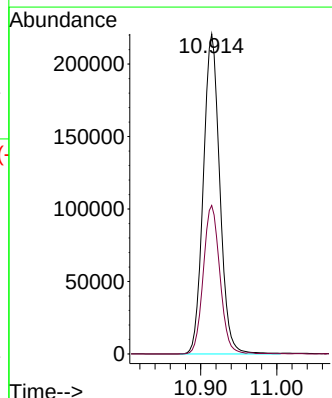
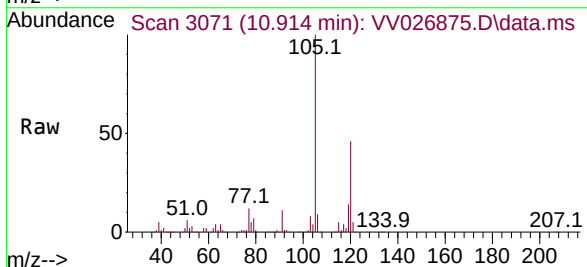
Acq: 21 Jul 2022 15:24

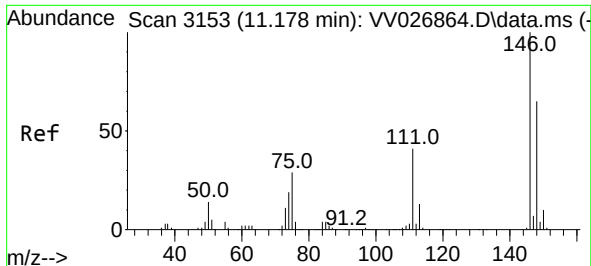
Tgt Ion:105 Resp: 332033

Ion Ratio Lower Upper

105 100

120 46.7 36.8 55.2

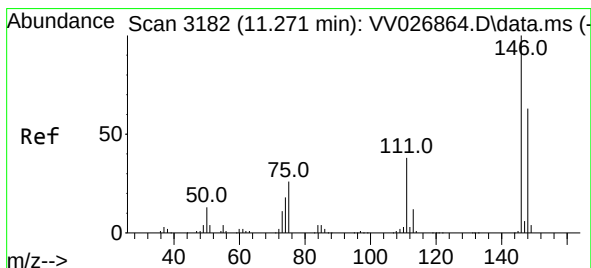
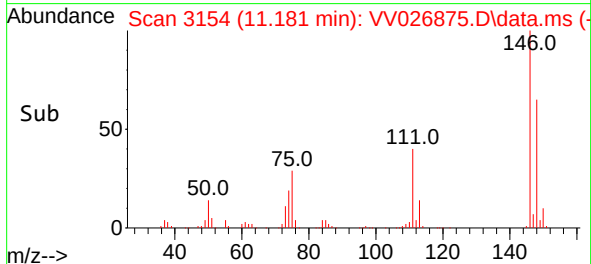
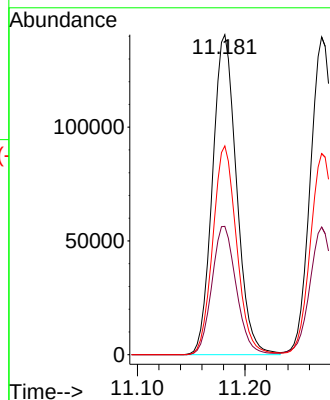
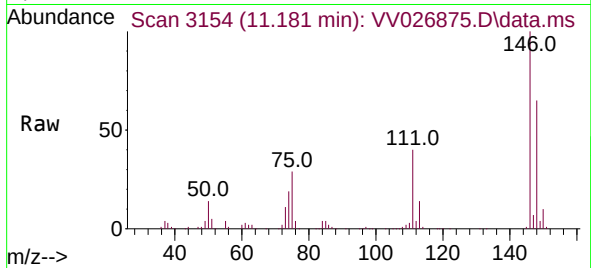




#64
1,3-Dichlorobenzene
Concen: 5.548 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

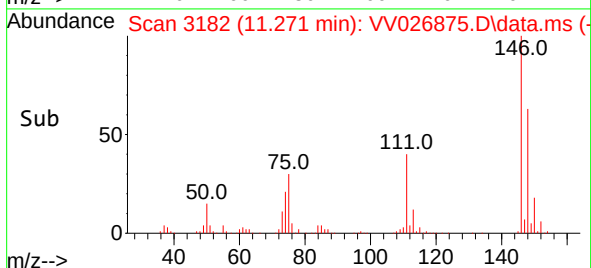
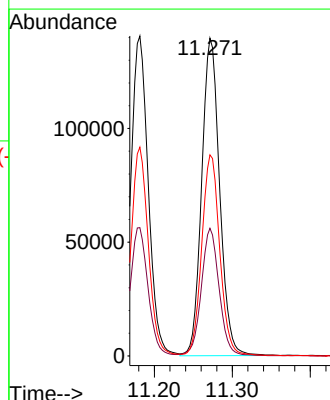
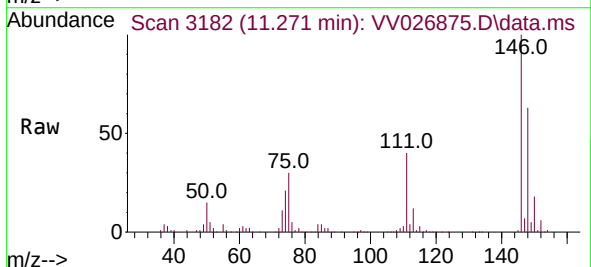
Instrument :
MSVOA_V
ClientSampleId :

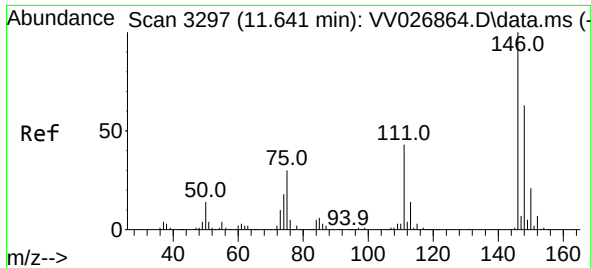
Tgt Ion:146 Resp: 218710
Ion Ratio Lower Upper
146 100
111 40.1 27.9 51.7
148 65.3 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.576 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

Tgt Ion:146 Resp: 223510
Ion Ratio Lower Upper
146 100
111 40.2 26.8 49.8
148 63.3 43.3 80.5

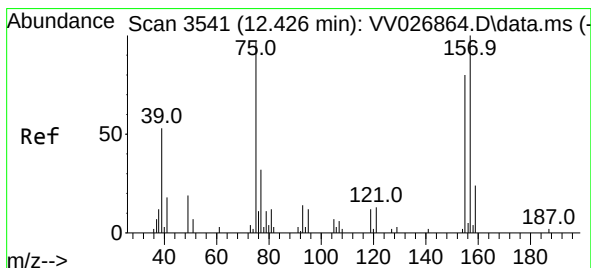
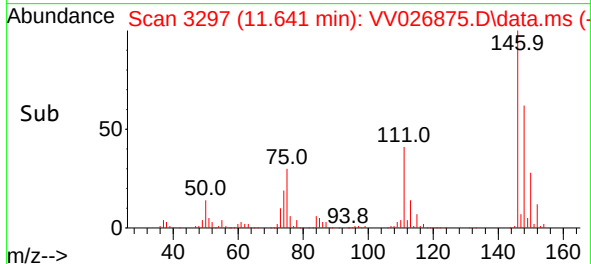
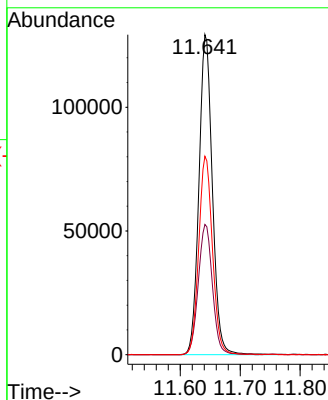
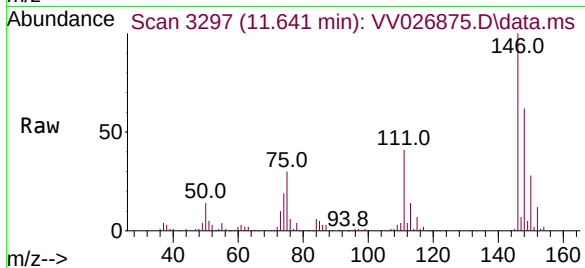




#67
1,2-Dichlorobenzene
Concen: 5.473 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

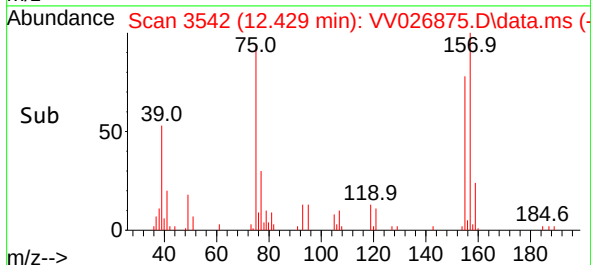
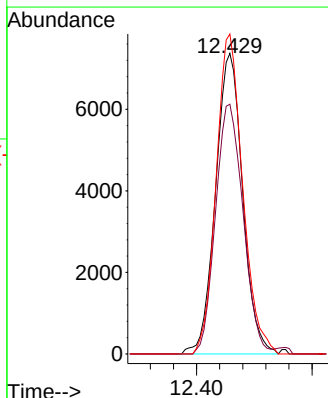
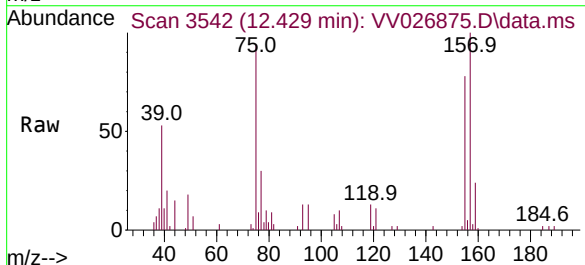
Instrument :
MSVOA_V
ClientSampleId :

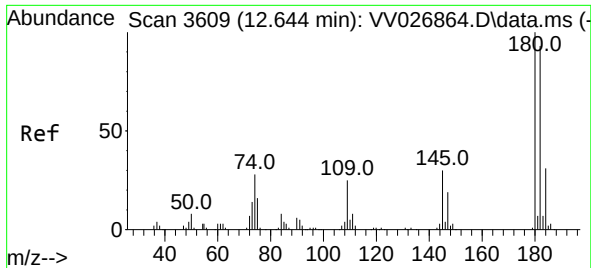
Tgt Ion:146 Resp: 201488
Ion Ratio Lower Upper
146 100
111 40.7 34.6 52.0
148 62.0 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.756 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV026875.D
Acq: 21 Jul 2022 15:24

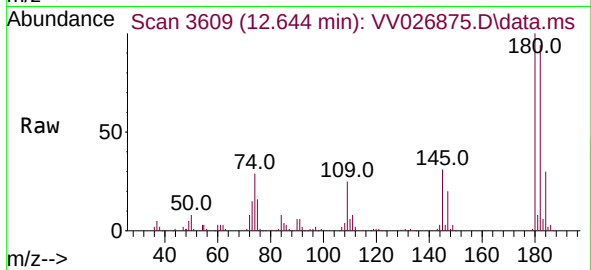
Tgt Ion: 75 Resp: 11996
Ion Ratio Lower Upper
75 100
155 83.1 60.3 90.5
157 106.4 78.2 117.4



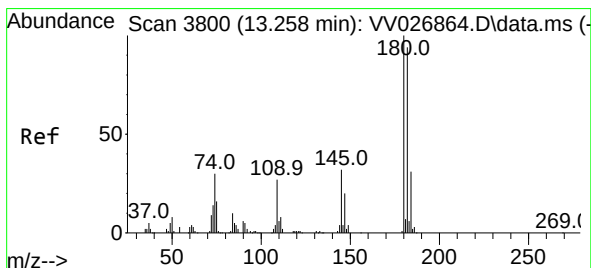
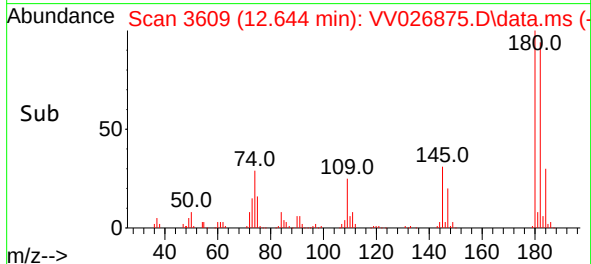
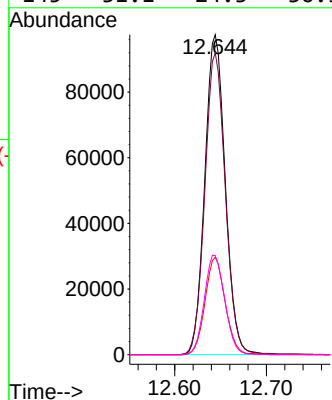


#69
 1,3,5-Trichlorobenzene
 Concen: 5.417 ug/L
 RT: 12.644 min Scan# 3009
 Delta R.T. -0.000 min
 Lab File: VV026875.D
 Acq: 21 Jul 2022 15:24

Instrument :
 MSVOA_V
 ClientSampleId :

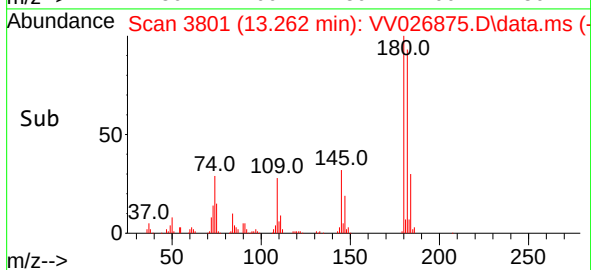
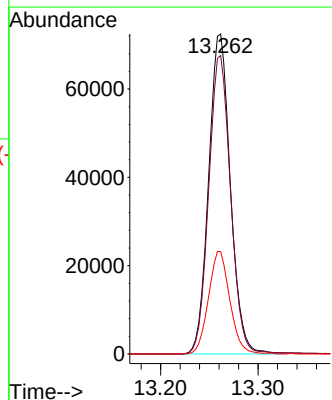
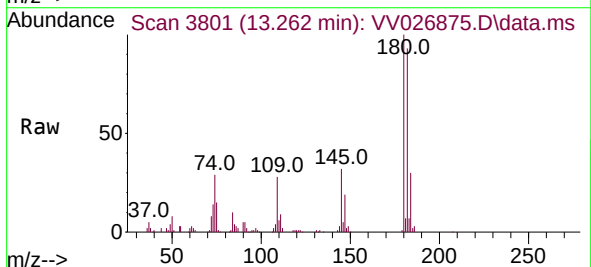


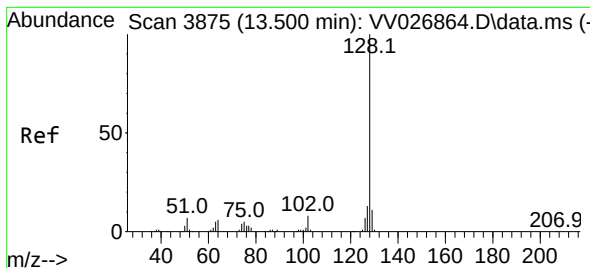
Tgt Ion:180 Resp: 150961
 Ion Ratio Lower Upper
 180 100
 182 94.6 74.0 111.0
 184 30.0 23.1 34.7
 145 31.1 24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 5.301 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV026875.D
 Acq: 21 Jul 2022 15:24

Tgt Ion:180 Resp: 112339
 Ion Ratio Lower Upper
 180 100
 182 93.9 74.7 112.1
 145 31.5 24.7 37.1





#71

Naphthalene

Concen: 4.707 ug/L

RT: 13.503 min Scan# 3911

Delta R.T. 0.003 min

Lab File: VV026875.D

Acq: 21 Jul 2022 15:24

Instrument :

MSVOA_V

ClientSampleId :

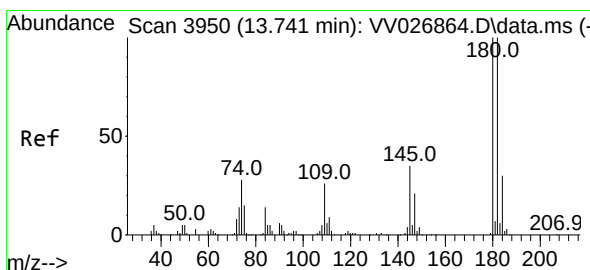
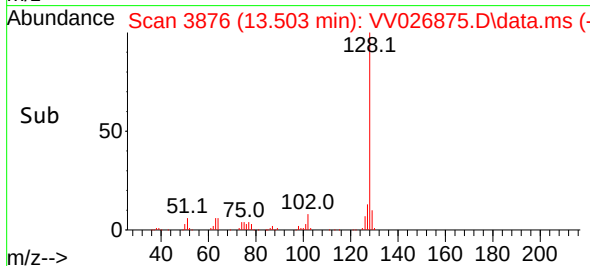
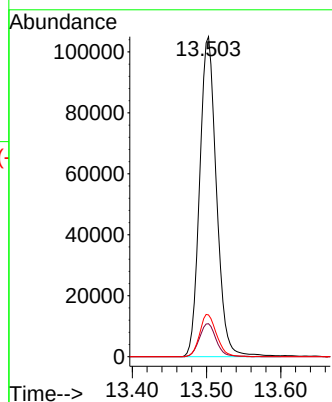
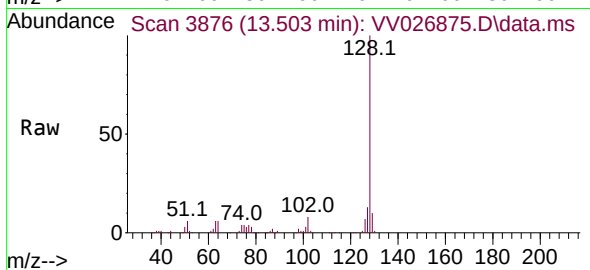
Tgt Ion:128 Resp: 165275

Ion Ratio Lower Upper

128 100

129 10.3 8.4 12.6

127 13.3 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 5.267 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV026875.D

Acq: 21 Jul 2022 15:24

Tgt Ion:180 Resp: 103858

Ion Ratio Lower Upper

180 100

182 92.2 75.0 112.4

145 33.0 26.0 39.0

