

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071922\
 Data File : VW026821.D
 Acq On : 19 Jul 2022 09:42
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 20 05:43:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 19 03:06:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	245503	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	249826	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	135367	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	117760	5.258	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 105.200%		
7) Chloroethane-d5	1.564	69	103097	5.327	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 106.600%		
11) 1,1-Dichloroethene-d2	2.105	63	216884	5.044	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 100.800%		
20) 2-Butanone-d5	3.886	46	144430	41.318	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 82.640%		
24) Chloroform-d	4.339	84	214668	5.481	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.600%		
26) 1,2-Dichloroethane-d4	5.027	65	91580	5.353	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.000%		
32) Benzene-d6	5.043	84	416374	5.485	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.600%		
36) 1,2-Dichloropropane-d6	6.066	67	120920	5.313	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 106.200%		
41) Toluene-d8	7.310	98	389188	5.775	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 115.600%		
43) trans-1,3-Dichloroprop...	7.619	79	39813	5.346	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 107.000%		
46) 2-Hexanone-d5	8.088	63	160925	49.912	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 99.820%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	90861	5.124	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 102.400%		
66) 1,2-Dichlorobenzene-d4	11.622	152	120430	5.106	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 102.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	151987	4.870	ug/L	99
3) Chloromethane	1.236	50	136098	4.544	ug/L	99
5) Vinyl chloride	1.307	62	142423	4.670	ug/L	98
6) Bromomethane	1.516	94	82679	4.530	ug/L	97
8) Chloroethane	1.580	64	88541	4.928	ug/L	97
9) Trichlorofluoromethane	1.748	101	195242	5.038	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	113405	5.108	ug/L	100
12) 1,1-Dichloroethene	2.114	96	106949	4.968	ug/L	95
13) Acetone	2.175	43	94406	32.099	ug/L #	27
14) Carbon disulfide	2.288	76	307273	4.845	ug/L	99
15) Methyl Acetate	2.433	43	35475	5.964	ug/L	95
16) Methylene chloride	2.500	84	118800	4.633	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	187777	5.063	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	106888	5.403	ug/L	91
19) 1,1-Dichloroethane	3.182	63	196144	5.429	ug/L	99
21) 2-Butanone	3.973	43	148877	43.405	ug/L	100
22) cis-1,2-Dichloroethene	3.905	96	103966	5.210	ug/L	98
23) Bromochloromethane	4.240	128	50018	5.441	ug/L	97
25) Chloroform	4.368	83	206270	5.451	ug/L	98

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Quant Time: Jul 20 05:43:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 19 03:06:10 2022
 Response via : Initial Calibration

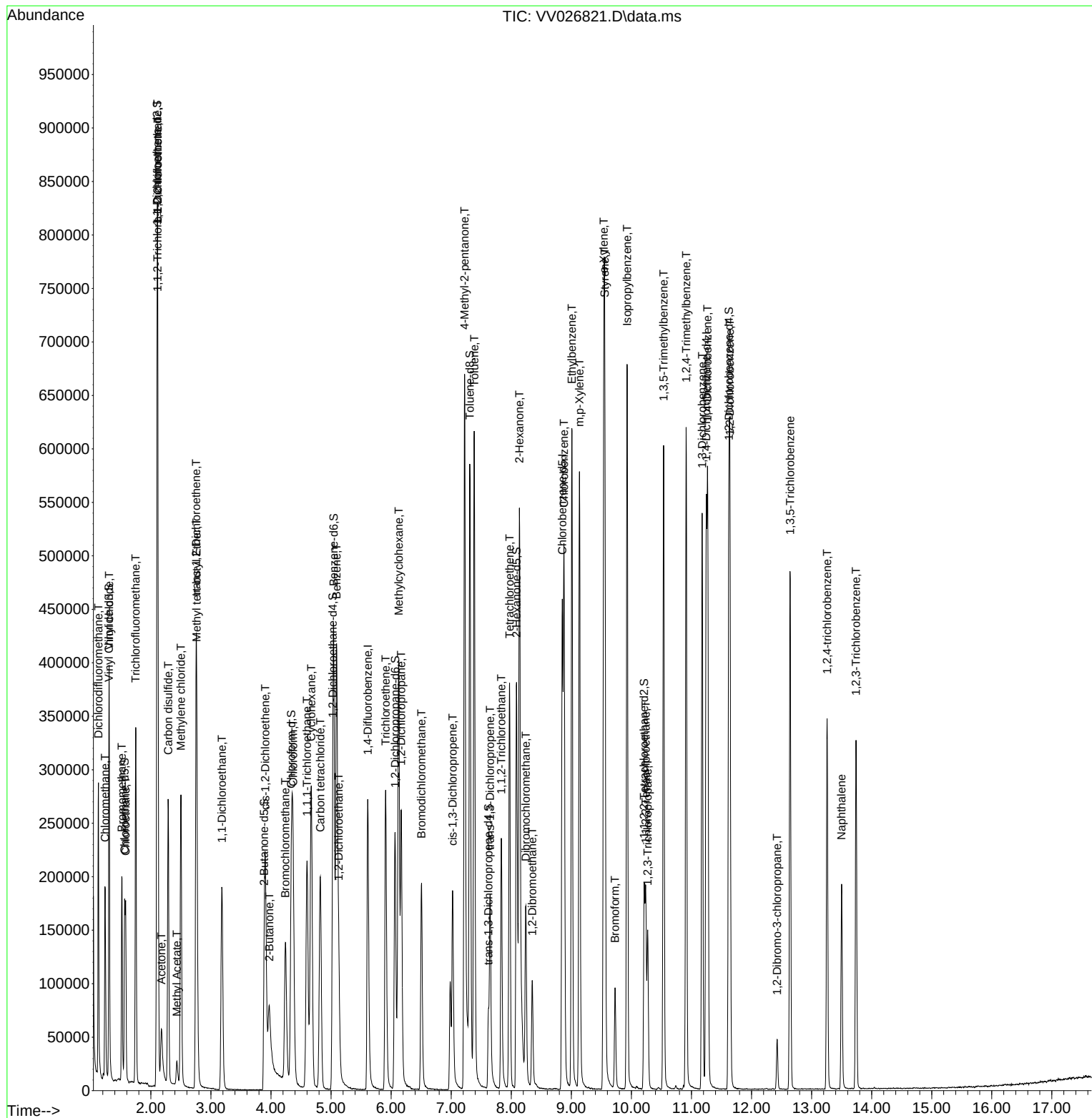
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	104480	5.124	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	176398	5.240	ug/L	98
30) Cyclohexane	4.670	56	136098	4.744	ug/L	99
31) Carbon tetrachloride	4.822	117	155070	5.216	ug/L	98
33) Benzene	5.092	78	434438	5.202	ug/L	100
34) Trichloroethene	5.908	95	103686	5.051	ug/L	99
35) Methylcyclohexane	6.127	83	151957	4.850	ug/L	98
37) 1,2-Dichloropropane	6.169	63	108784	5.447	ug/L	99
38) Bromodichloromethane	6.506	83	138532	5.321	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	126204	5.085	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	488480	52.949	ug/L	99
42) Toluene	7.384	91	458036	5.430	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	110088	5.402	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	78448	5.373	ug/L	98
47) Tetrachloroethene	7.973	164	86867	5.395	ug/L	96
48) 2-Hexanone	8.136	43	368814	55.237	ug/L	99
49) Dibromochloromethane	8.243	129	89731	5.333	ug/L	99
50) 1,2-Dibromoethane	8.349	107	69891	5.410	ug/L	97
51) Chlorobenzene	8.879	112	281674	5.281	ug/L	99
52) Ethylbenzene	9.008	91	424835	5.089	ug/L	100
53) m,p-Xylene	9.136	106	169108	5.209	ug/L	99
54) o-Xylene	9.542	106	158372	5.134	ug/L	97
55) Styrene	9.558	104	290357	5.371	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	91182	5.276	ug/L	98
59) Bromoform	9.728	173	43190	4.973	ug/L	94
60) Isopropylbenzene	9.931	105	419769	4.972	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	61536	4.929	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	314856	4.687	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	331013	4.853	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	215275	5.204	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	214434	5.098	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	197629	5.116	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	12277	4.639	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	144878	4.955	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	105579	4.748	ug/L	99
71) Naphthalene	13.500	128	151931	4.124	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	94788	4.581	ug/L	97

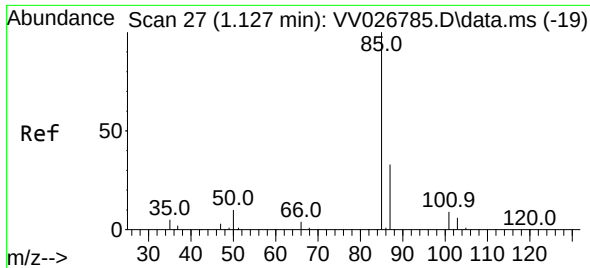
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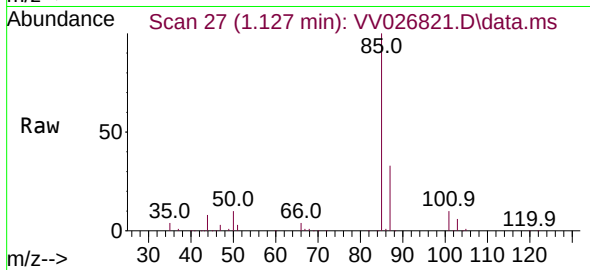
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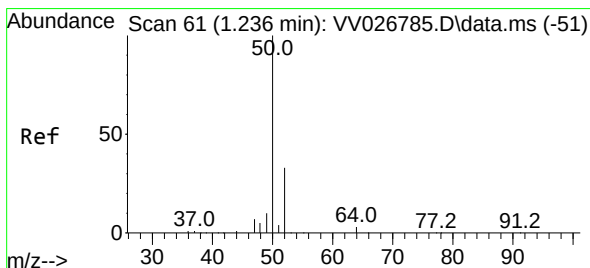
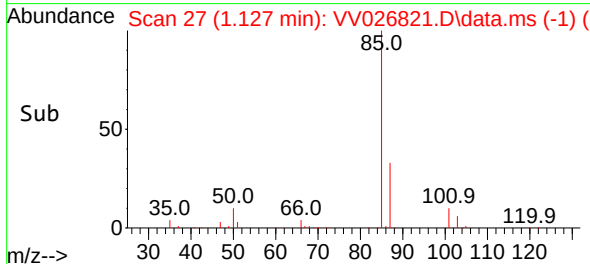
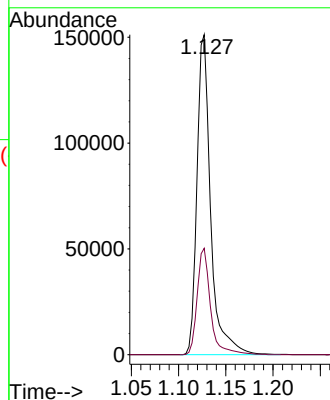


#2
 Dichlorodifluoromethane
 Concen: 4.870 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026821.D
 Acq: 19 Jul 2022 09:42

Instrument :
 MSVOA_V
 ClientSampleId :

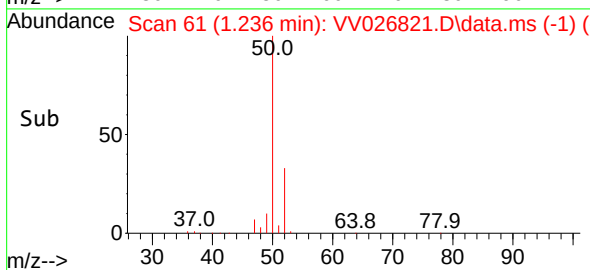
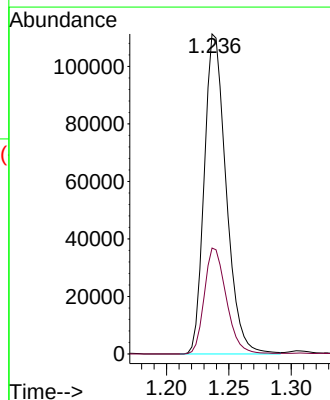
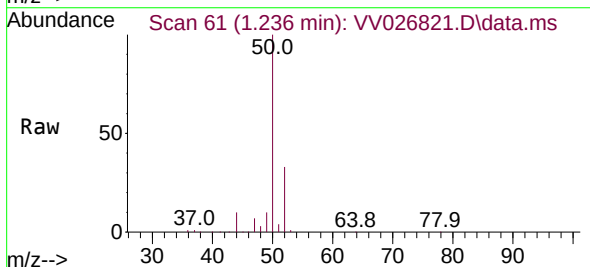


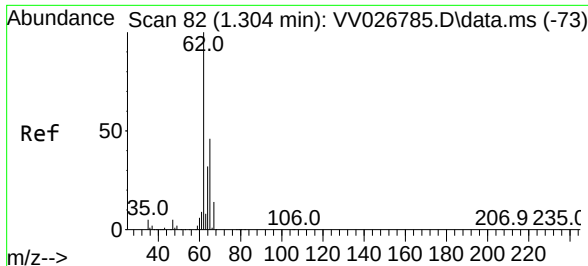
Tgt Ion: 85 Resp: 151987
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.8



#3
 Chloromethane
 Concen: 4.544 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV026821.D
 Acq: 19 Jul 2022 09:42

Tgt Ion: 50 Resp: 136098
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.8 42.4

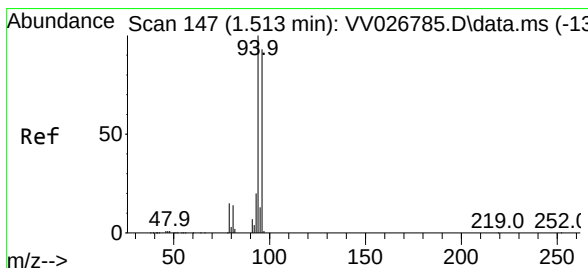
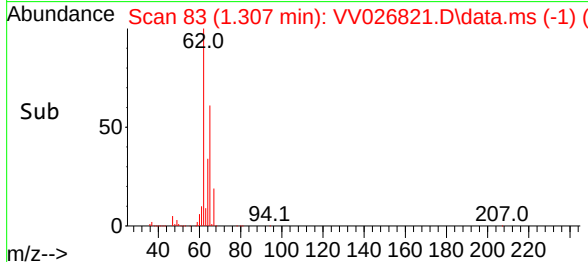
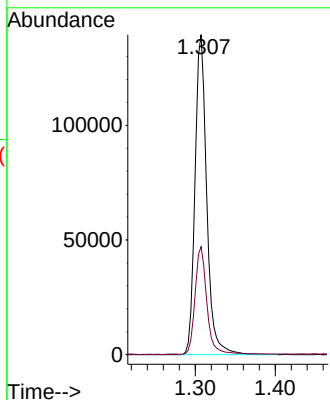
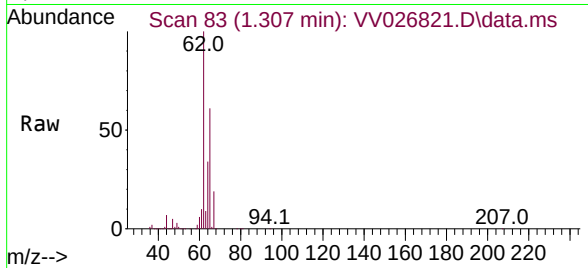




#5
 Vinyl chloride
 Concen: 4.670 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV026821.D
 Acq: 19 Jul 2022 09:42

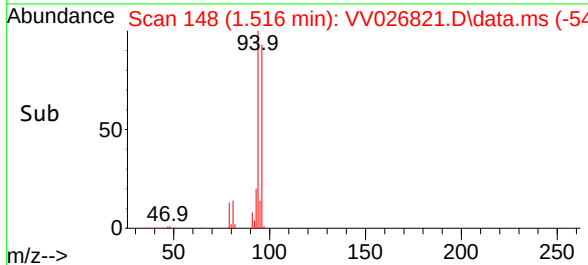
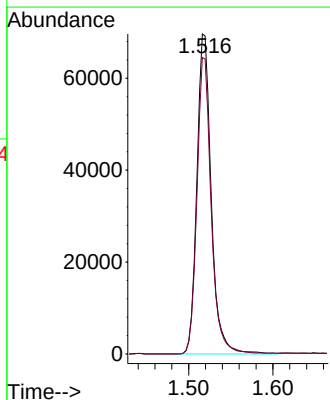
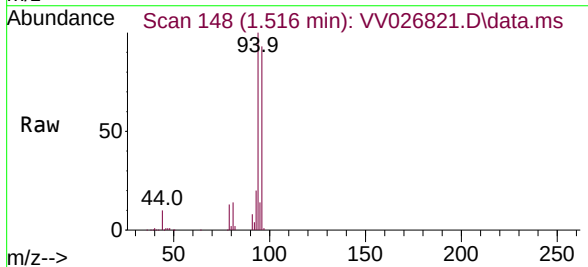
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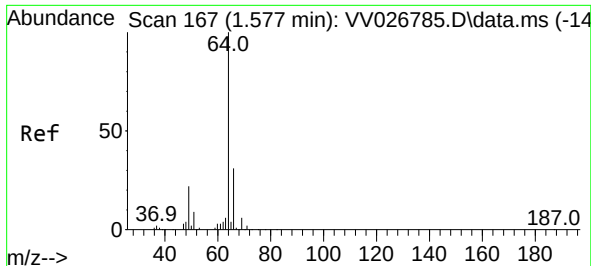
Tgt Ion: 62 Resp: 142423
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.9 42.5



#6
 Bromomethane
 Concen: 4.530 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.003 min
 Lab File: VV026821.D
 Acq: 19 Jul 2022 09:42

Tgt Ion: 94 Resp: 82679
 Ion Ratio Lower Upper
 94 100
 96 92.7 67.1 124.7

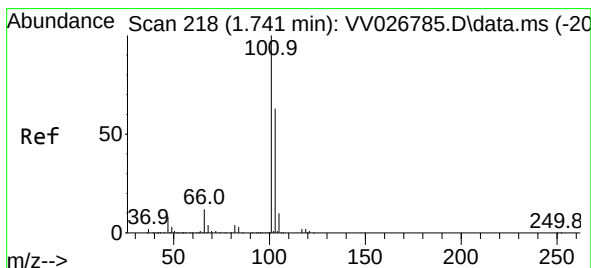
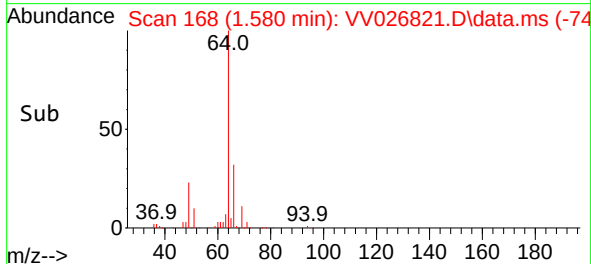
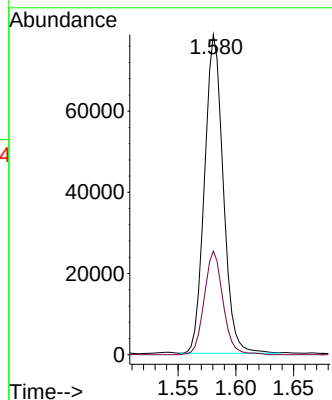
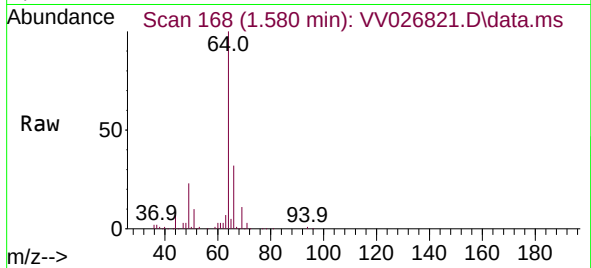




#8
Chloroethane
Concen: 4.928 ug/L
RT: 1.580 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

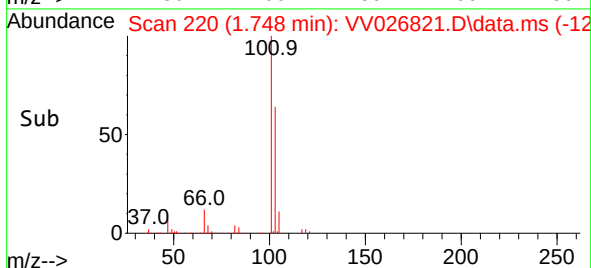
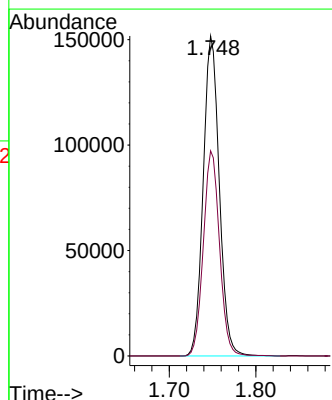
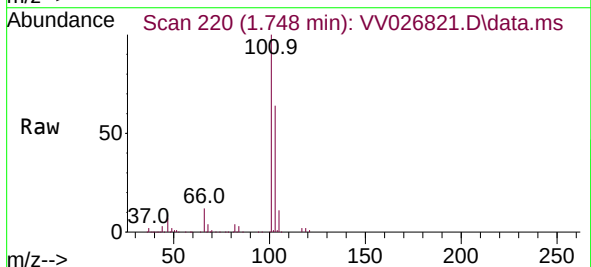
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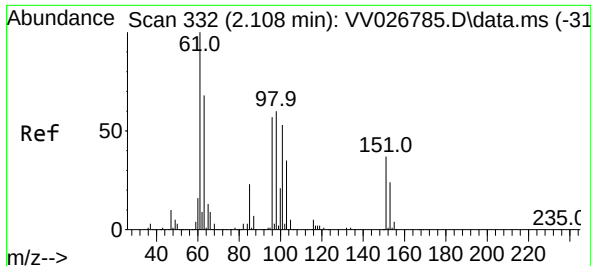
Tgt Ion: 64 Resp: 88541
Ion Ratio Lower Upper
64 100
66 32.4 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.038 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

Tgt Ion: 101 Resp: 195242
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

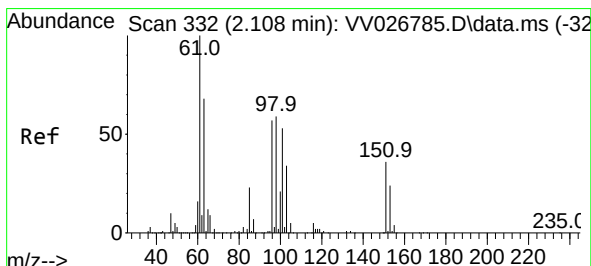
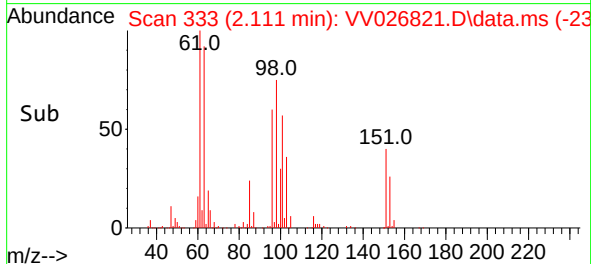
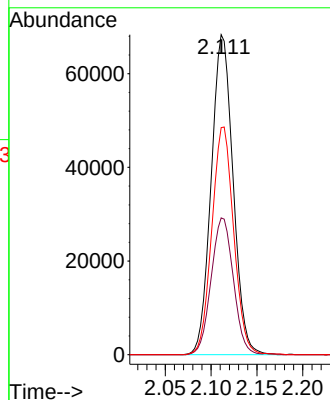
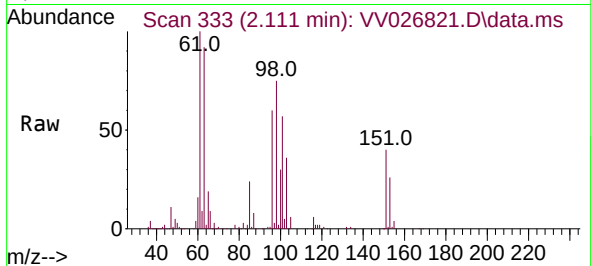




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.108 ug/L
RT: 2.111 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

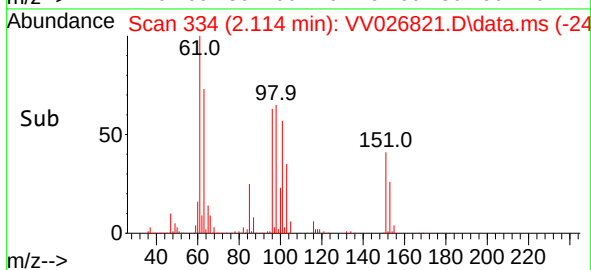
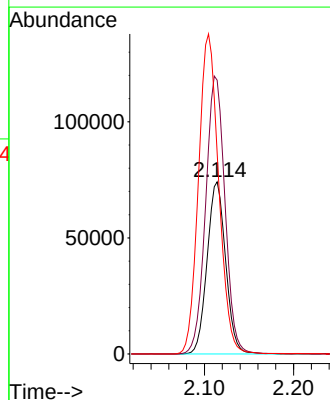
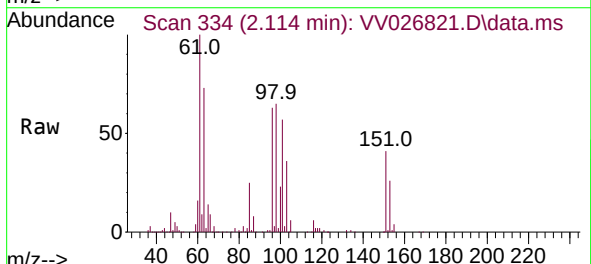
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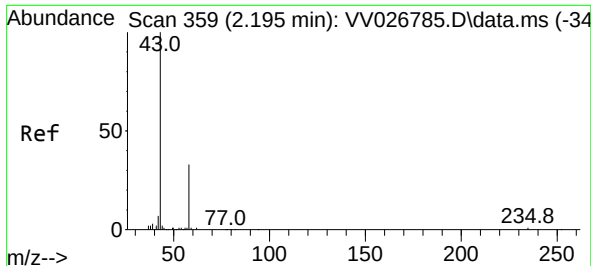
Tgt Ion:101 Resp: 113405
Ion Ratio Lower Upper
101 100
85 43.3 35.0 52.4
151 71.2 56.7 85.1



#12
1,1-Dichloroethene
Concen: 4.968 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

Tgt Ion: 96 Resp: 106949
Ion Ratio Lower Upper
96 100
61 158.9 118.3 219.7
63 116.7 79.9 148.3

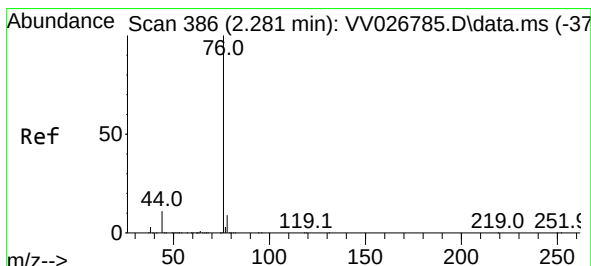
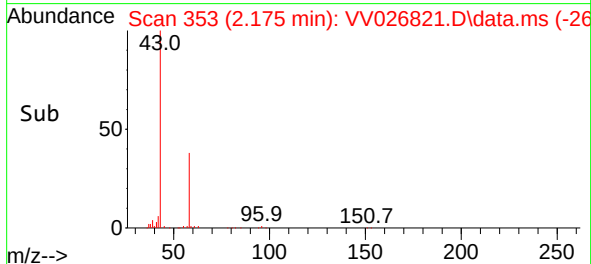
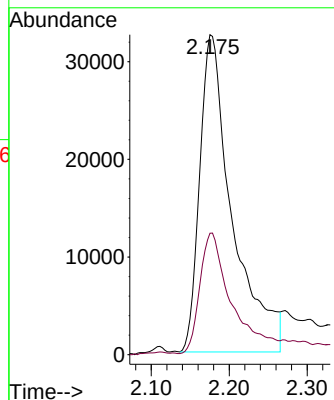
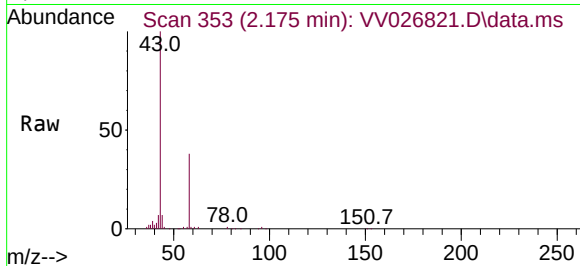




#13
Acetone
Concen: 32.099 ug/L
RT: 2.175 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

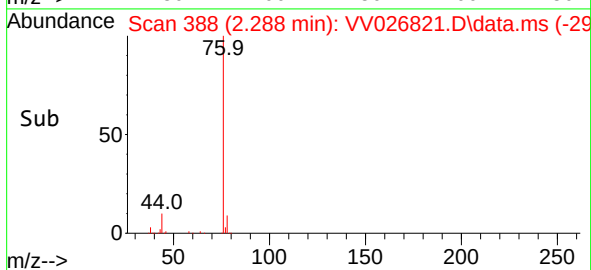
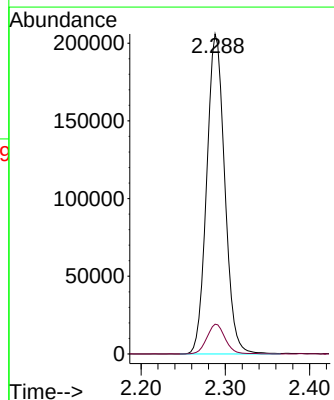
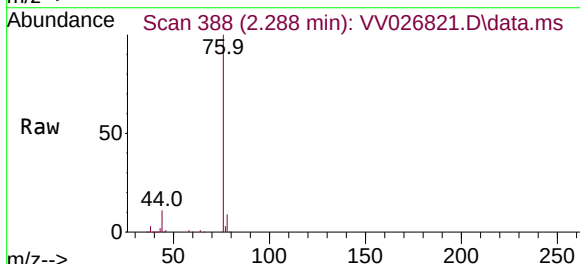
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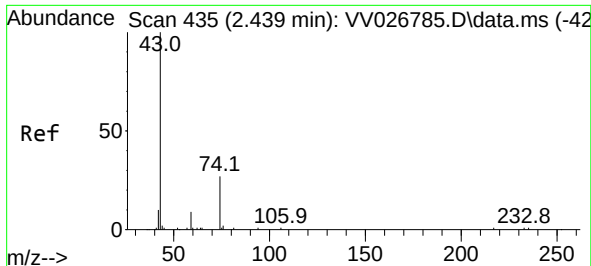
Tgt Ion: 43 Resp: 94406
Ion Ratio Lower Upper
43 100
58 37.4 0.0 20.6#



#14
Carbon disulfide
Concen: 4.845 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.003 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

Tgt Ion: 76 Resp: 307273
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5

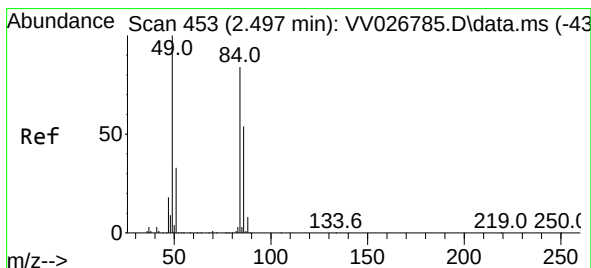
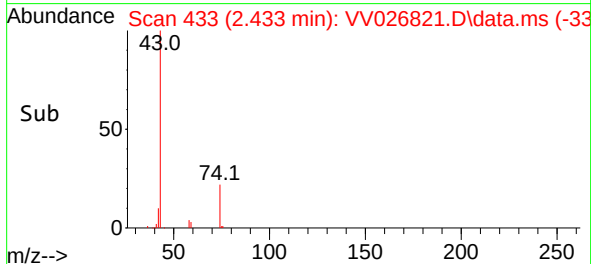
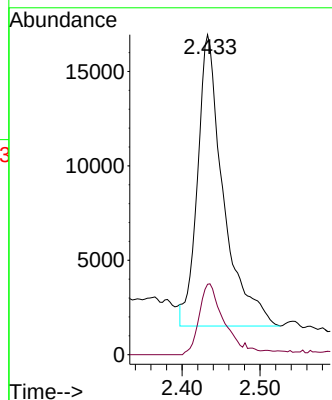
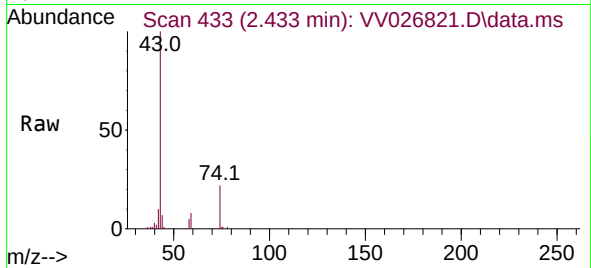




#15
Methyl Acetate
Concen: 5.964 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

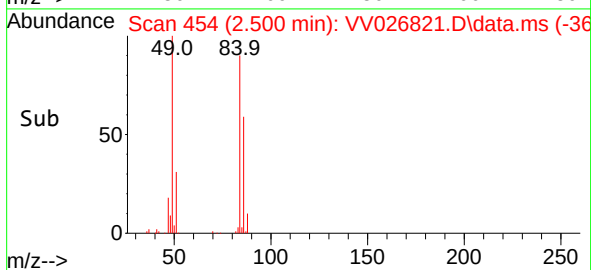
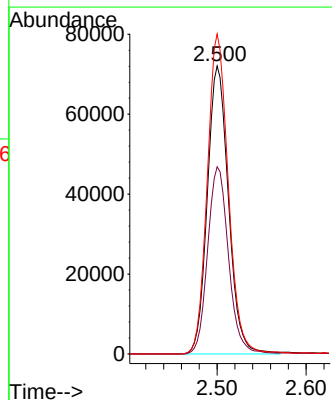
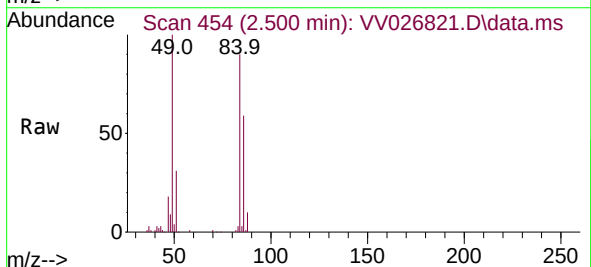
Instrument :
MSVOA_V
ClientSampleId :

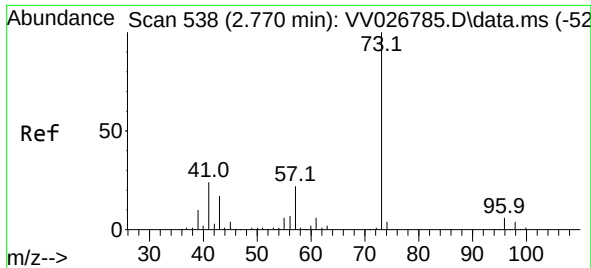
Tgt Ion: 43 Resp: 35475
Ion Ratio Lower Upper
43 100
74 22.5 20.1 30.1



#16
Methylene chloride
Concen: 4.633 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

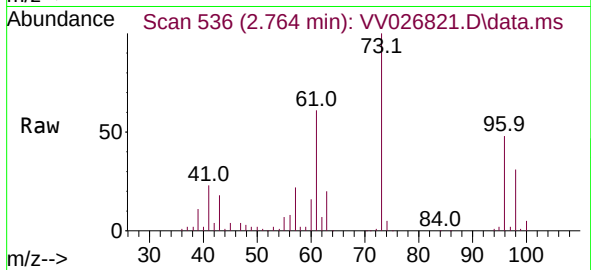
Tgt Ion: 84 Resp: 118800
Ion Ratio Lower Upper
84 100
86 65.0 44.8 83.2
49 111.1 78.7 146.1



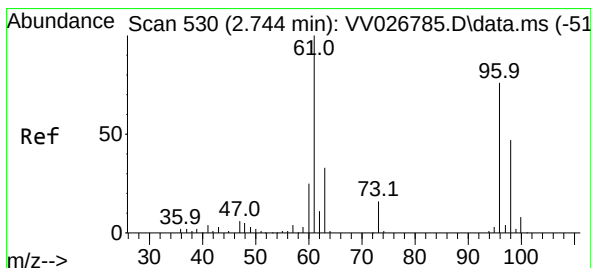
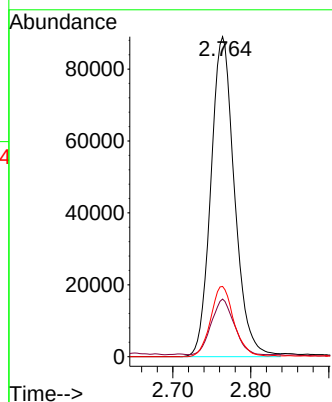
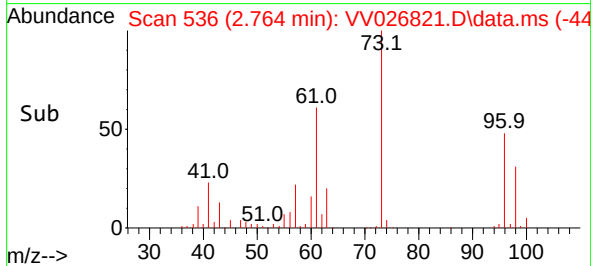


#17
Methyl tert-butyl Ether
Concen: 5.063 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

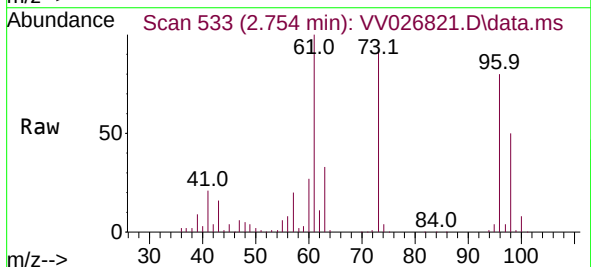
Instrument :
MSVOA_V
ClientSampleId :



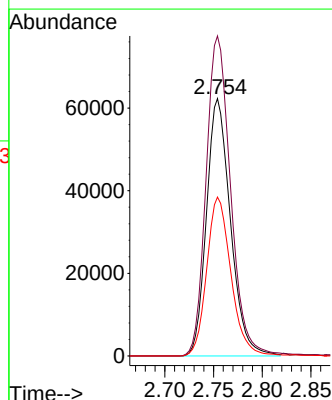
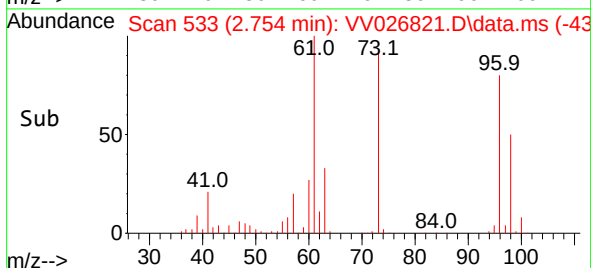
Tgt Ion: 73 Resp: 187777
Ion Ratio Lower Upper
73 100
43 17.4 14.0 21.0
57 21.5 17.6 26.4

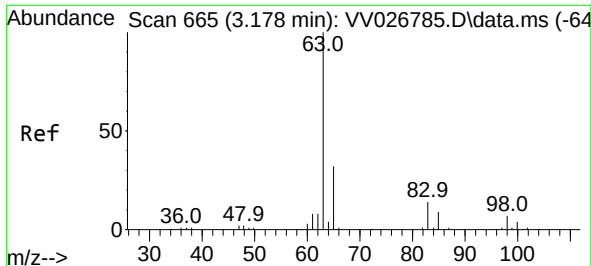


#18
trans-1,2-Dichloroethene
Concen: 5.403 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42



Tgt Ion: 96 Resp: 106888
Ion Ratio Lower Upper
96 100
61 124.3 94.7 175.9
98 61.7 47.4 88.0





#19

1,1-Dichloroethane

Concen: 5.429 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV026821.D

Acq: 19 Jul 2022 09:42

Instrument :

MSVOA_V

ClientSampleId :

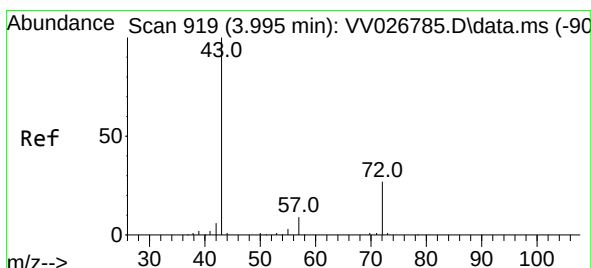
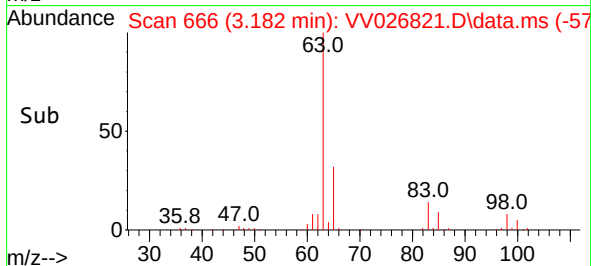
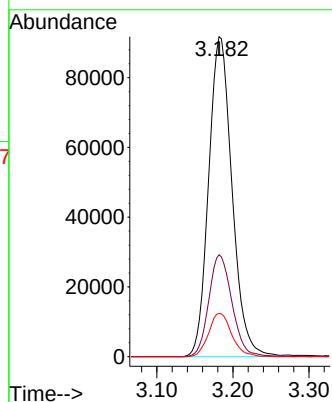
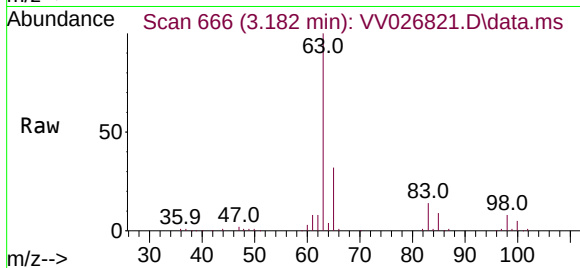
Tgt Ion: 63 Resp: 196144

Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.3

83 13.5 9.9 18.5



#21

2-Butanone

Concen: 43.405 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.000 min

Lab File: VV026821.D

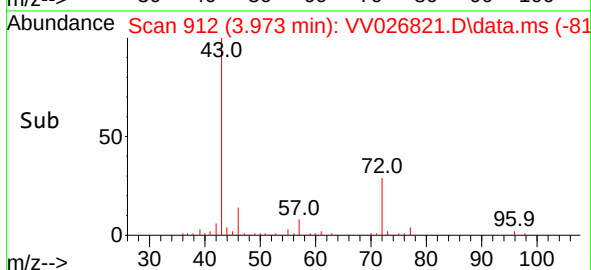
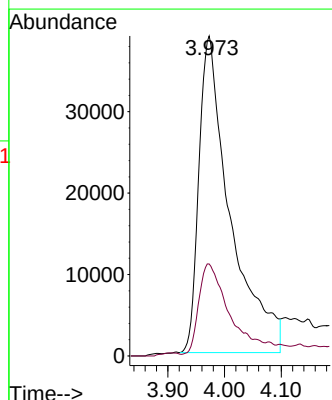
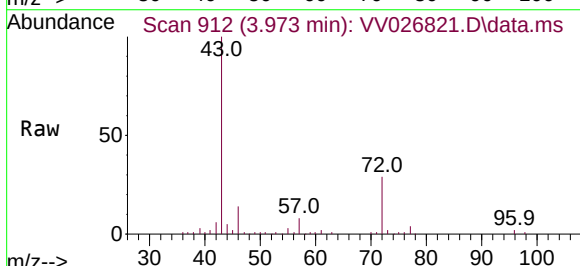
Acq: 19 Jul 2022 09:42

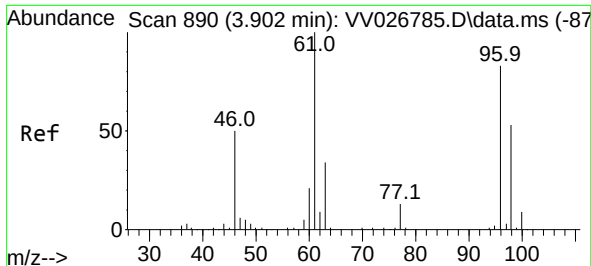
Tgt Ion: 43 Resp: 148877

Ion Ratio Lower Upper

43 100

72 27.7 13.9 41.7





#22

cis-1,2-Dichloroethene

Concen: 5.210 ug/L

RT: 3.905 min Scan# 890

Delta R.T. 0.003 min

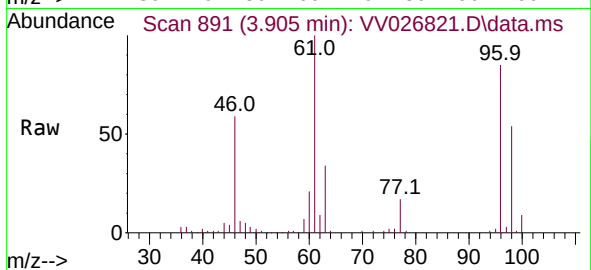
Lab File: VV026821.D

Acq: 19 Jul 2022 09:42

Instrument :

MSVOA_V

ClientSampleId :



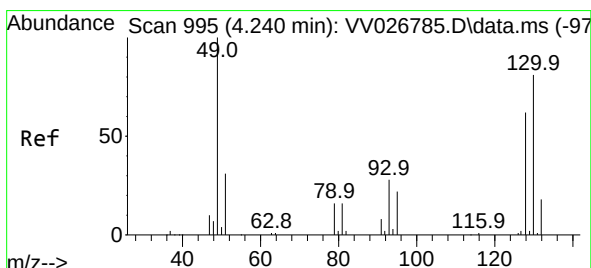
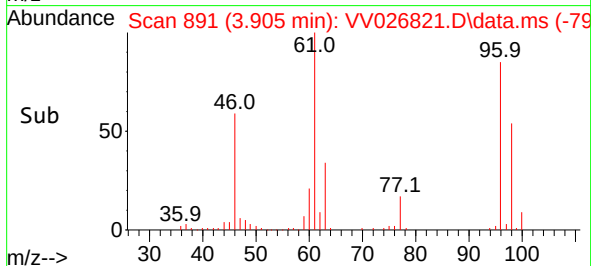
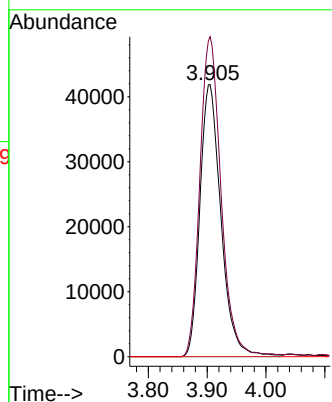
Tgt Ion: 96 Resp: 103966

Ion Ratio Lower Upper

96 100

61 117.6 83.9 155.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.441 ug/L

RT: 4.240 min Scan# 995

Delta R.T. -0.000 min

Lab File: VV026821.D

Acq: 19 Jul 2022 09:42

Tgt Ion: 128 Resp: 50018

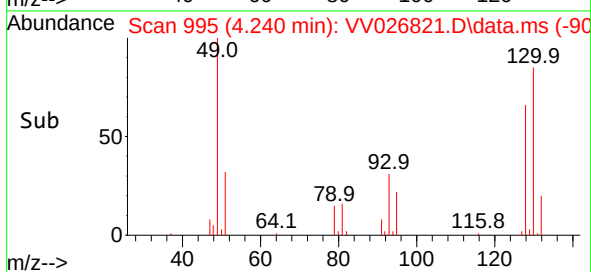
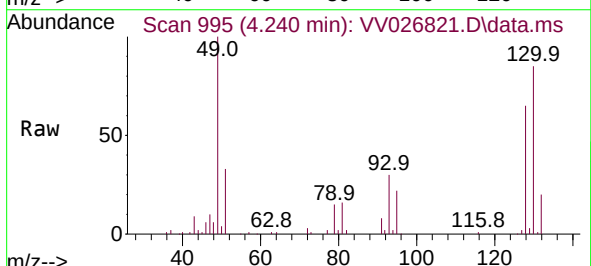
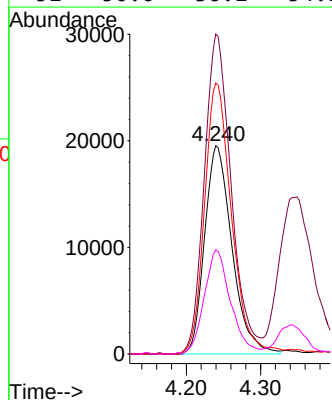
Ion Ratio Lower Upper

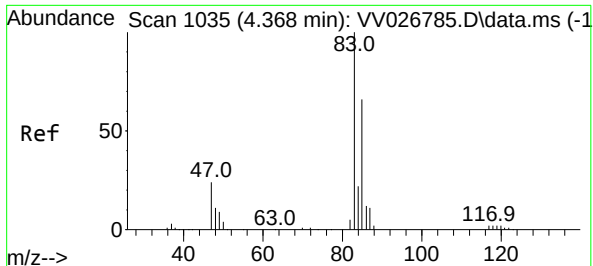
128 100

49 153.7 107.2 199.2

130 130.1 87.1 161.7

51 50.0 36.1 54.1





#25

Chloroform

Concen: 5.451 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV026821.D

Acq: 19 Jul 2022 09:42

Instrument :

MSVOA_V

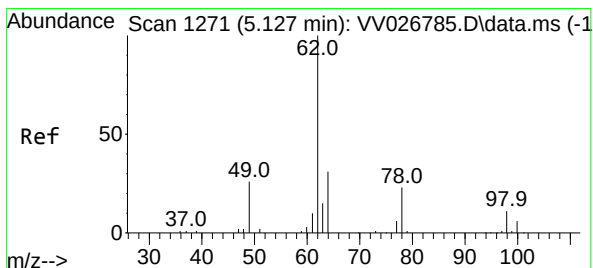
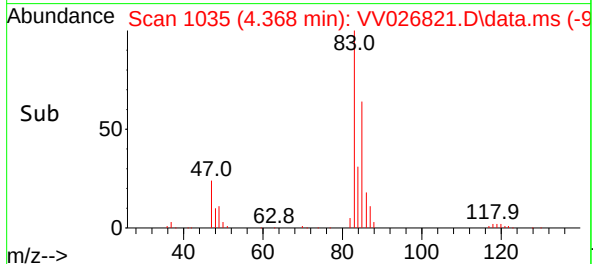
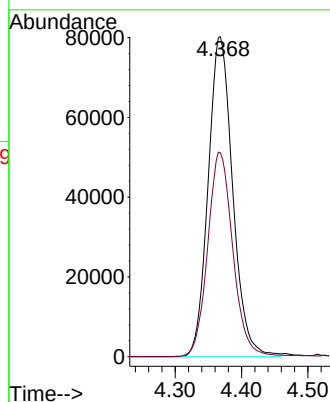
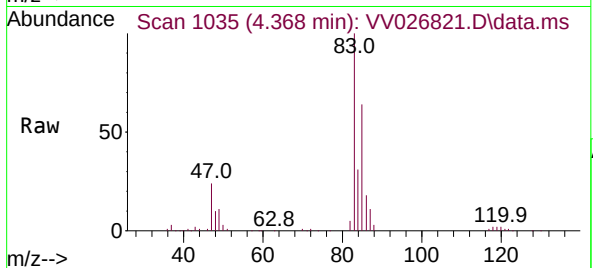
ClientSampleId :

Tgt Ion: 83 Resp: 206270

Ion Ratio Lower Upper

83 100

85 63.7 45.7 84.9



#27

1,2-Dichloroethane

Concen: 5.124 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV026821.D

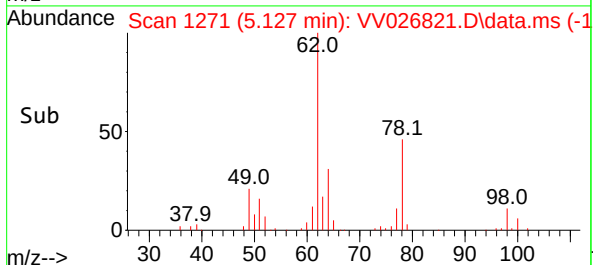
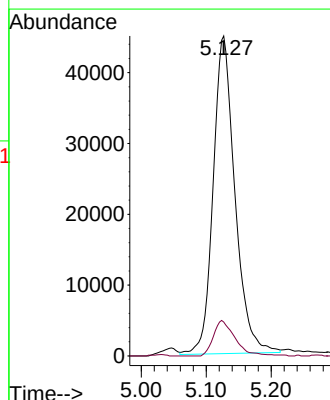
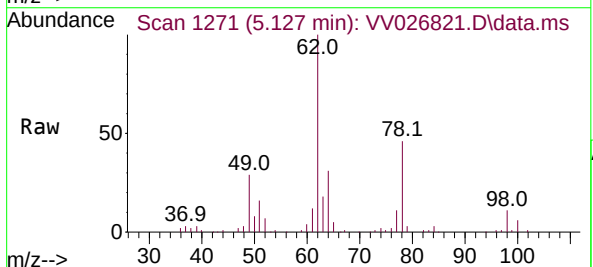
Acq: 19 Jul 2022 09:42

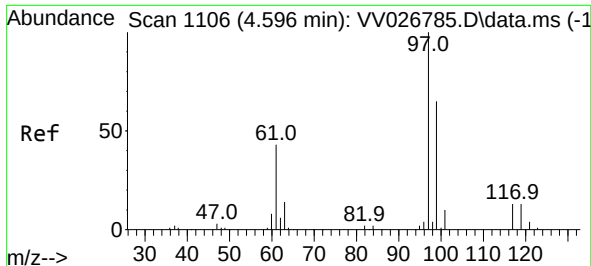
Tgt Ion: 62 Resp: 104480

Ion Ratio Lower Upper

62 100

98 10.6 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 5.240 ug/L

RT: 4.600 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VV026821.D

Acq: 19 Jul 2022 09:42

Instrument :

MSVOA_V

ClientSampleId :

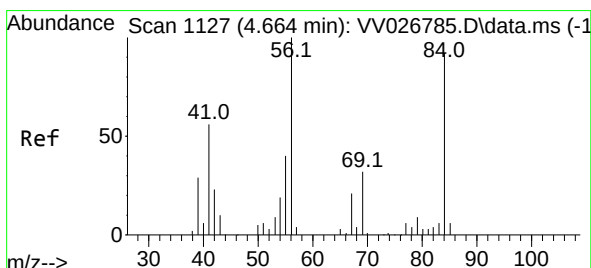
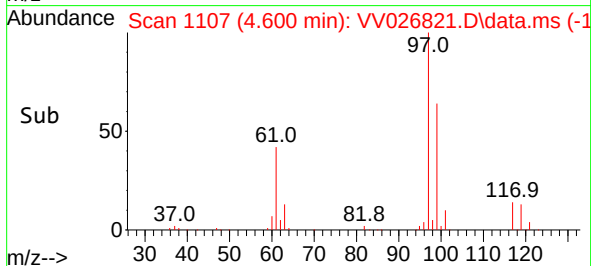
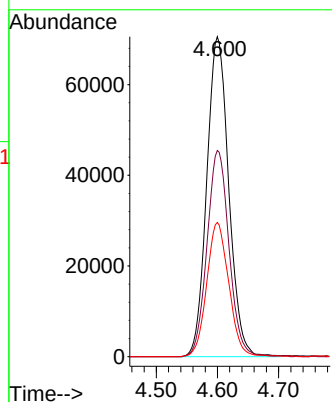
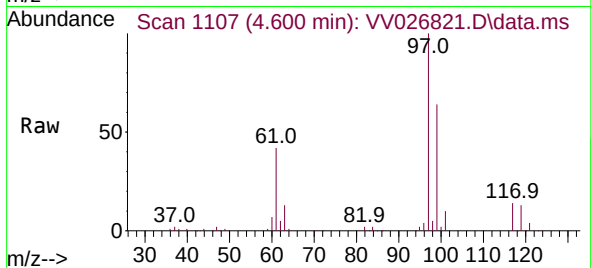
Tgt Ion: 97 Resp: 176398

Ion Ratio Lower Upper

97 100

99 64.5 51.3 76.9

61 41.9 35.1 52.7



#30

Cyclohexane

Concen: 4.744 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV026821.D

Acq: 19 Jul 2022 09:42

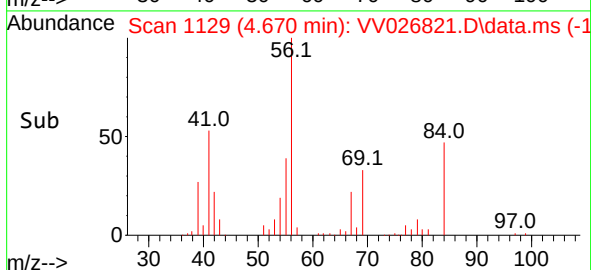
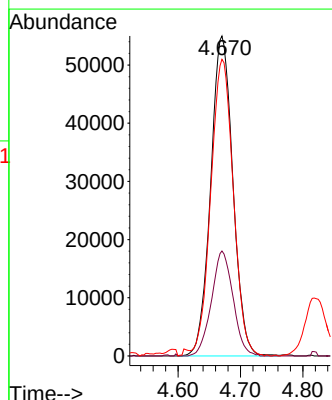
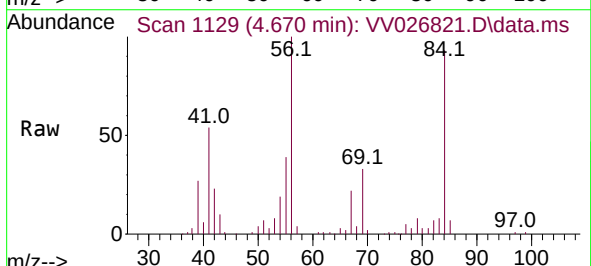
Tgt Ion: 56 Resp: 136098

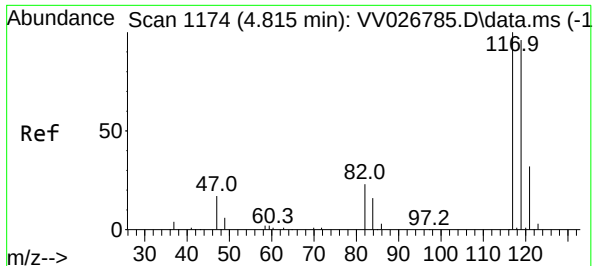
Ion Ratio Lower Upper

56 100

69 31.8 25.1 37.7

84 94.0 74.0 111.0

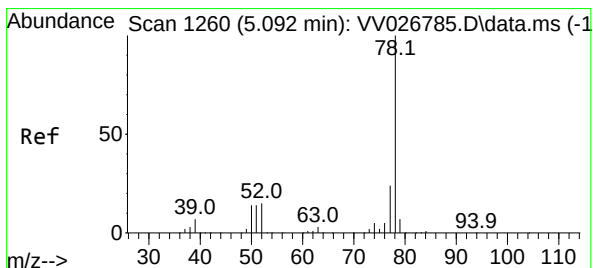
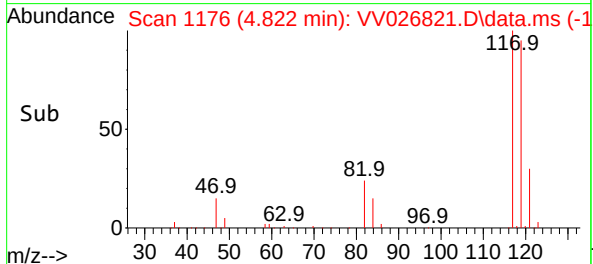
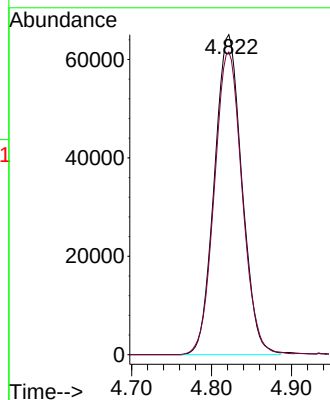
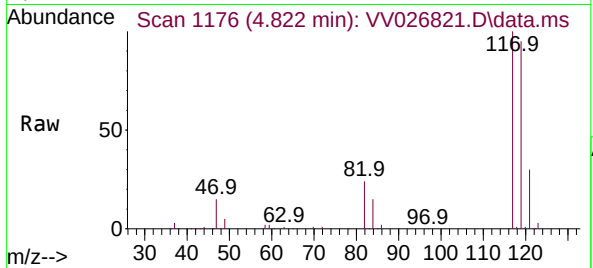




#31
Carbon tetrachloride
Concen: 5.216 ug/L
RT: 4.822 min Scan# 1174
Delta R.T. 0.003 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

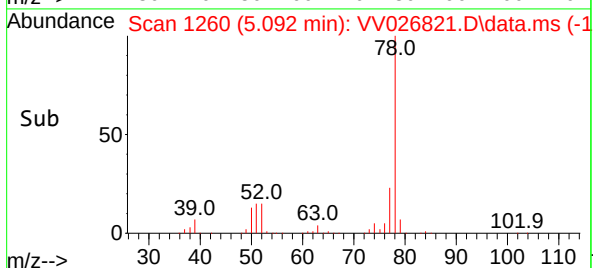
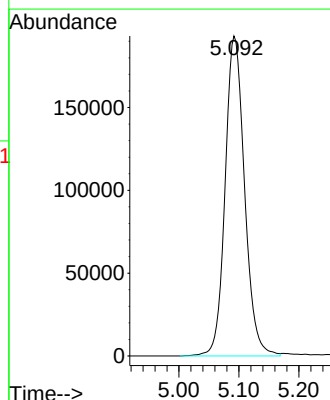
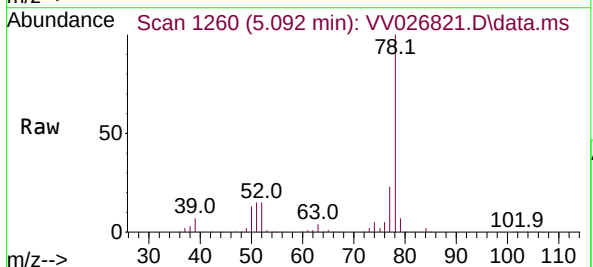
Instrument :
MSVOA_V
ClientSampleId :

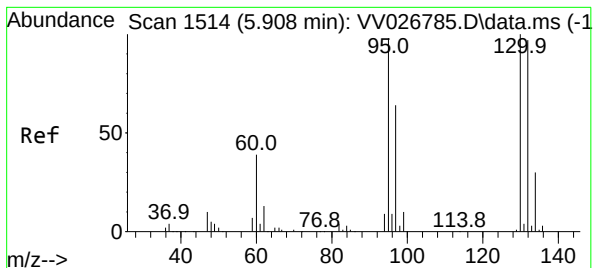
Tgt Ion:117 Resp: 155070
Ion Ratio Lower Upper
117 100
119 96.0 75.1 112.7



#33
Benzene
Concen: 5.202 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

Tgt Ion: 78 Resp: 434438





#34

Trichloroethene

Concen: 5.051 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV026821.D

Acq: 19 Jul 2022 09:42

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 103686

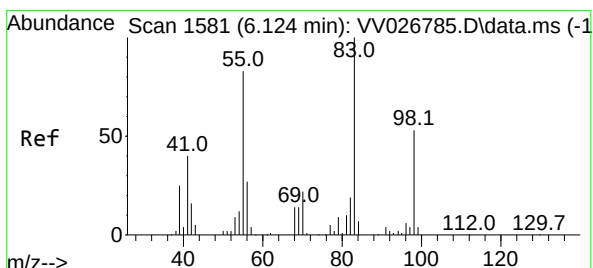
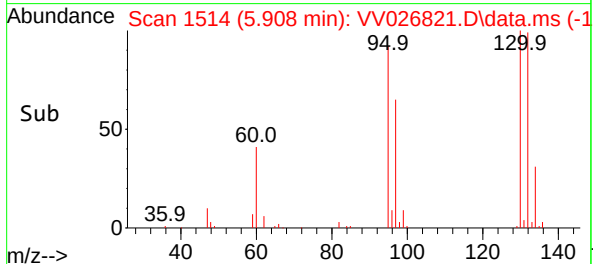
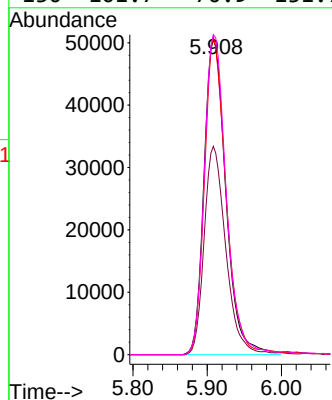
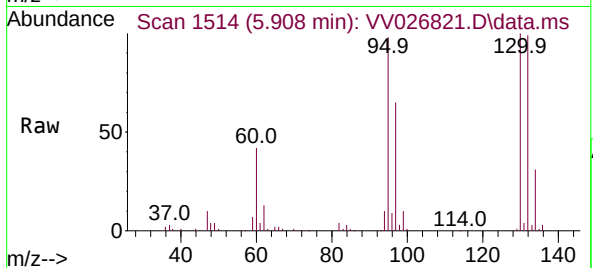
Ion Ratio Lower Upper

95 100

97 66.2 44.6 82.8

132 101.0 70.2 130.4

130 101.7 70.9 131.7



#35

Methylcyclohexane

Concen: 4.850 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VV026821.D

Acq: 19 Jul 2022 09:42

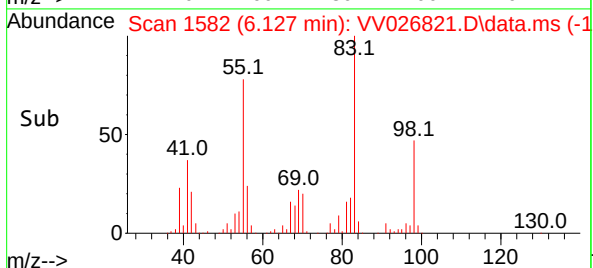
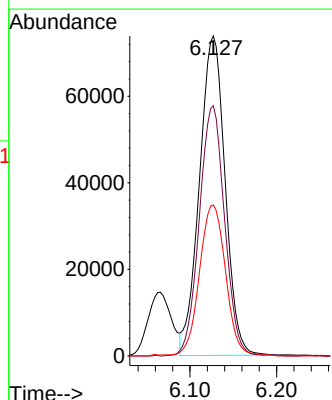
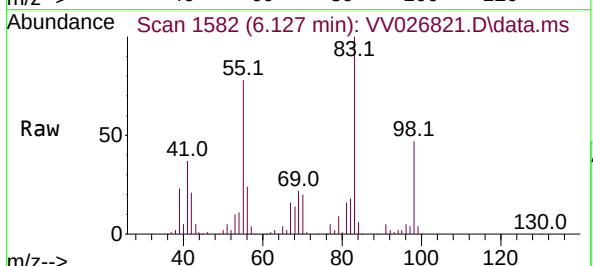
Tgt Ion: 83 Resp: 151957

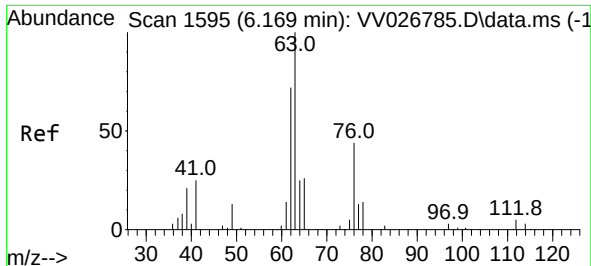
Ion Ratio Lower Upper

83 100

55 77.2 59.5 89.3

98 48.2 38.3 57.5





#37

1,2-Dichloropropane

Concen: 5.447 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV026821.D

Acq: 19 Jul 2022 09:42

Instrument :

MSVOA_V

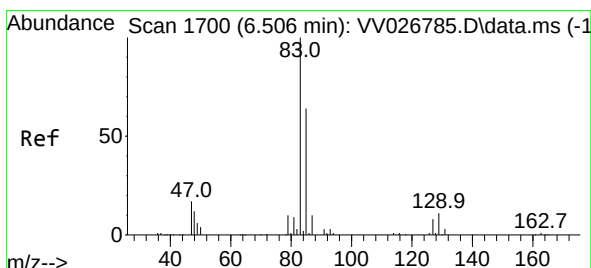
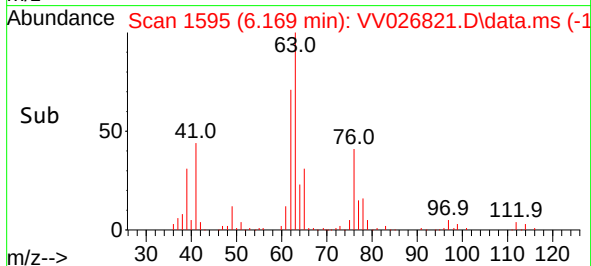
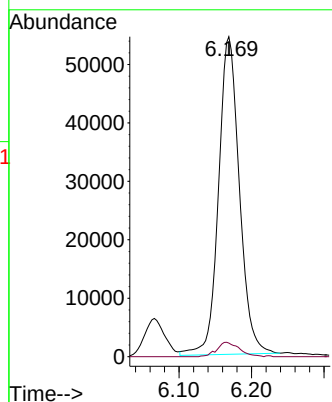
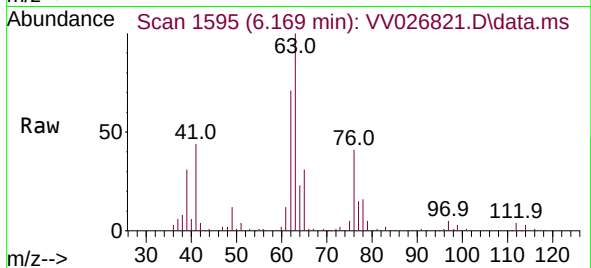
ClientSampleId :

Tgt Ion: 63 Resp: 108784

Ion Ratio Lower Upper

63 100

112 4.9 4.2 6.2



#38

Bromodichloromethane

Concen: 5.321 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV026821.D

Acq: 19 Jul 2022 09:42

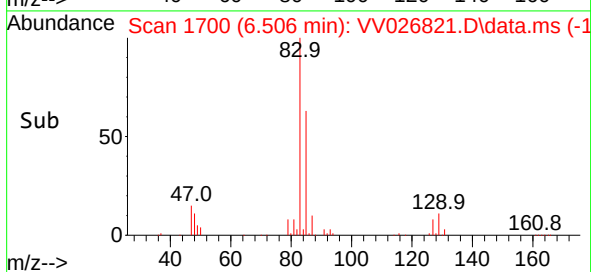
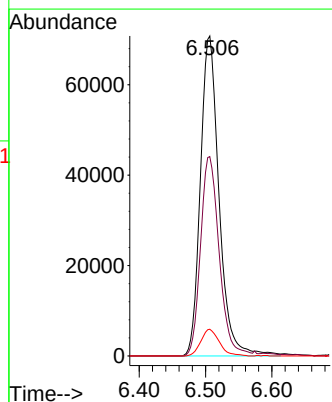
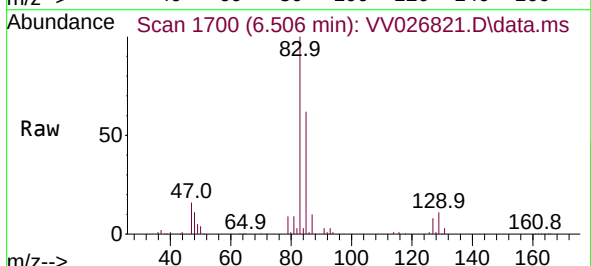
Tgt Ion: 83 Resp: 138532

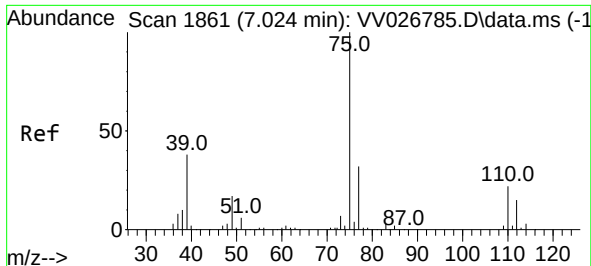
Ion Ratio Lower Upper

83 100

85 62.3 45.4 84.4

127 8.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.085 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV026821.D

Acq: 19 Jul 2022 09:42

Instrument :

MSVOA_V

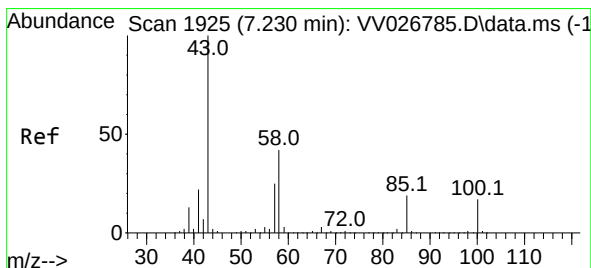
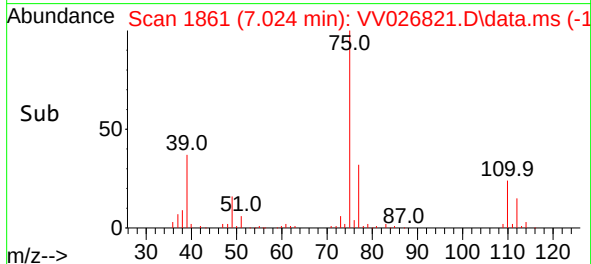
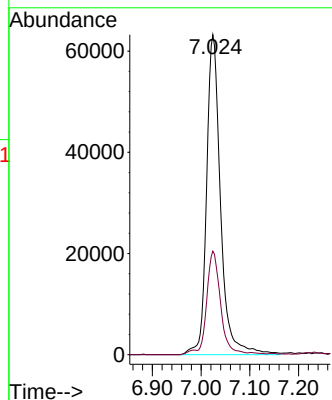
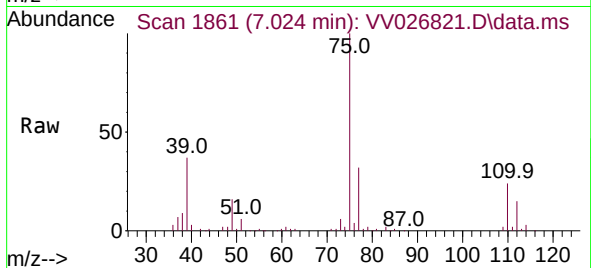
ClientSampleId :

Tgt Ion: 75 Resp: 126204

Ion Ratio Lower Upper

75 100

77 32.3 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 52.949 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV026821.D

Acq: 19 Jul 2022 09:42

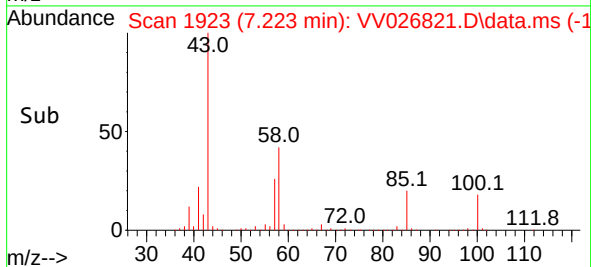
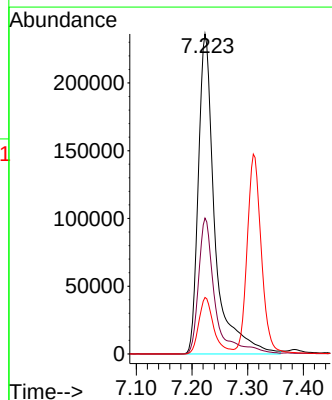
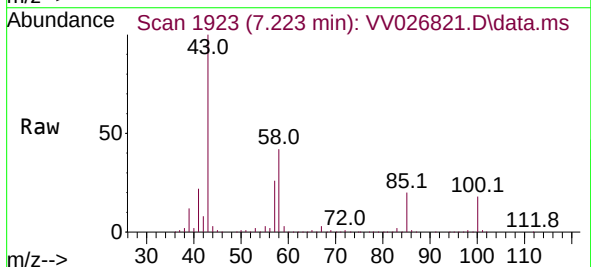
Tgt Ion: 43 Resp: 488480

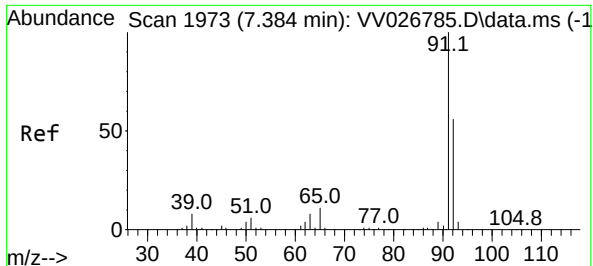
Ion Ratio Lower Upper

43 100

58 42.5 34.6 51.8

100 16.1 13.6 20.4





#42

Toluene

Concen: 5.430 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV026821.D

Acq: 19 Jul 2022 09:42

Instrument :

MSVOA_V

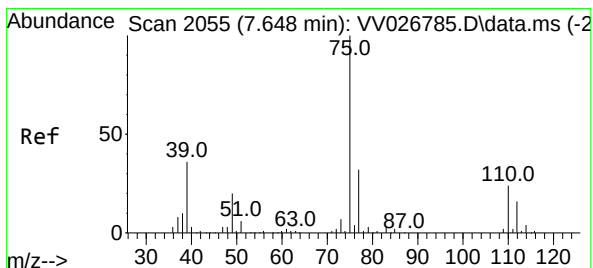
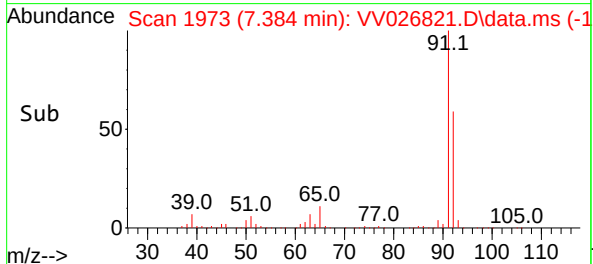
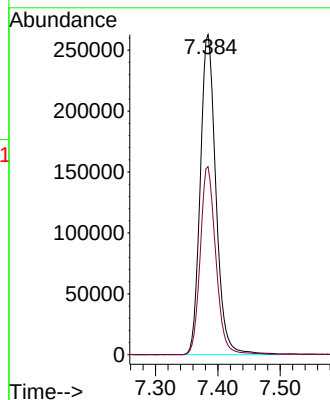
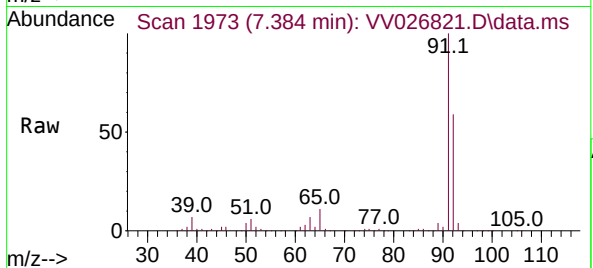
ClientSampleId :

Tgt Ion: 91 Resp: 458036

Ion Ratio Lower Upper

91 100

92 58.8 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.402 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV026821.D

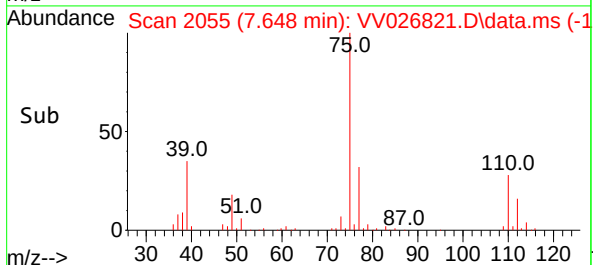
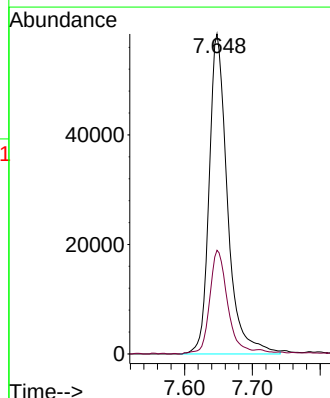
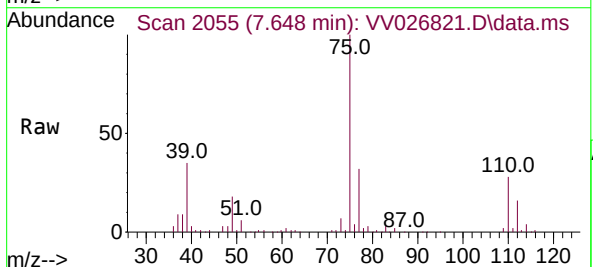
Acq: 19 Jul 2022 09:42

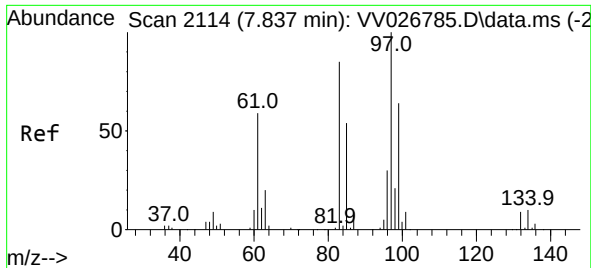
Tgt Ion: 75 Resp: 110088

Ion Ratio Lower Upper

75 100

77 32.4 22.7 42.3

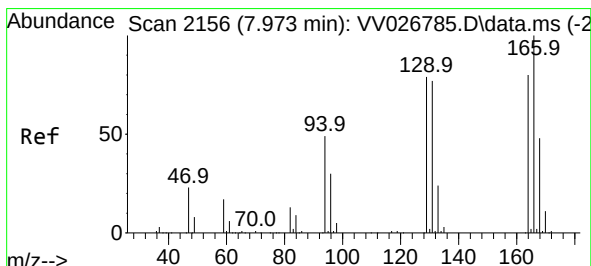
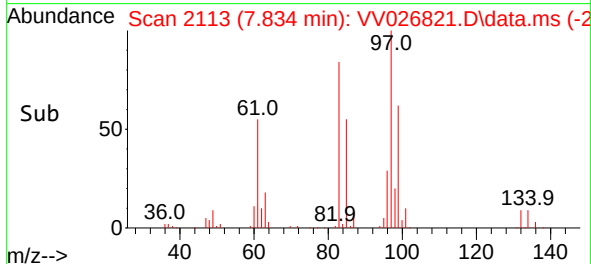
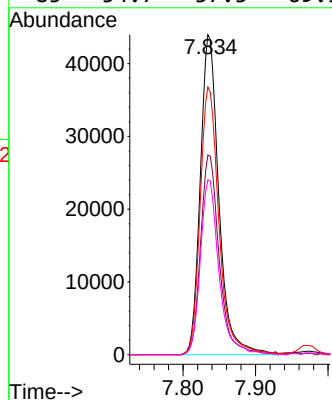
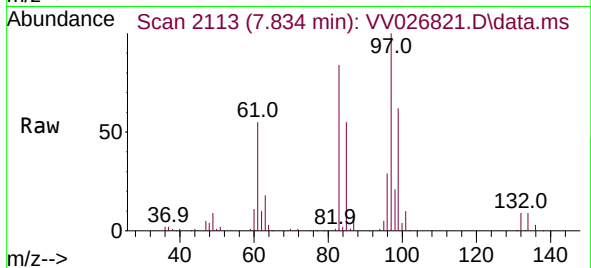




#45
1,1,2-Trichloroethane
Concen: 5.373 ug/L
RT: 7.834 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

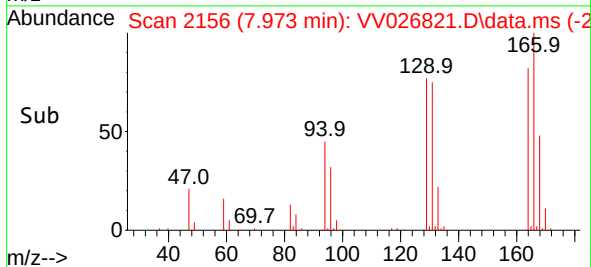
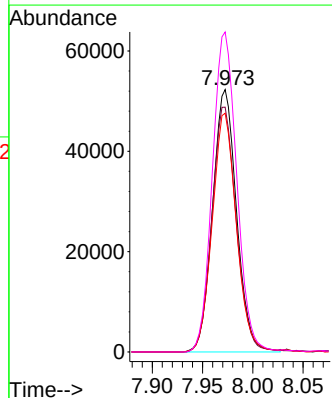
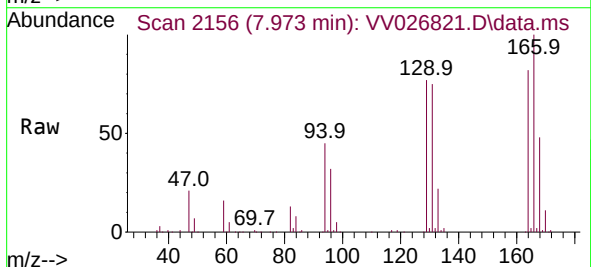
Instrument :
MSVOA_V
ClientSampleId :

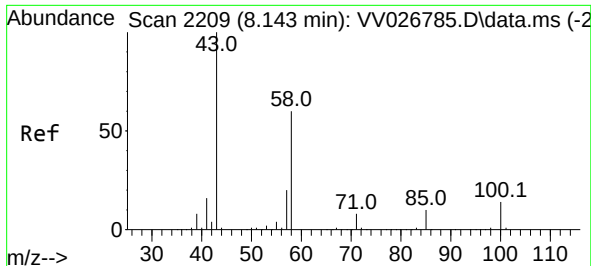
Tgt Ion: 97	Resp: 78448
Ion Ratio	Lower Upper
97 100	
99 62.4	41.9 77.9
83 83.6	58.1 107.9
85 54.7	37.3 69.3



#47
Tetrachloroethene
Concen: 5.395 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

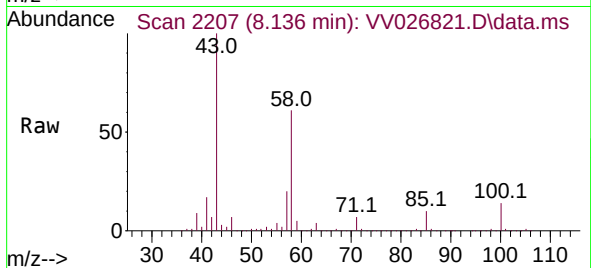
Tgt	Ion:164	Resp:	86867
Ion	Ratio	Lower	Upper
164	100		
129	93.3	67.8	125.8
131	91.0	65.9	122.5
166	122.0	88.8	164.8





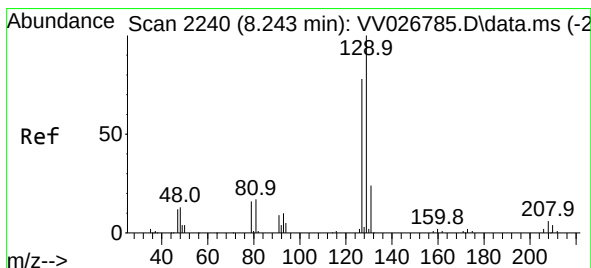
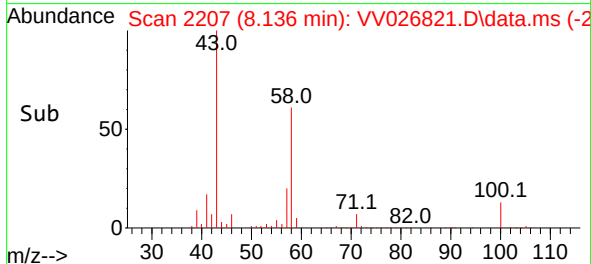
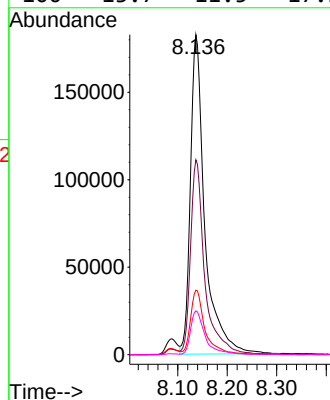
#48
2-Hexanone
Concen: 55.237 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 368814

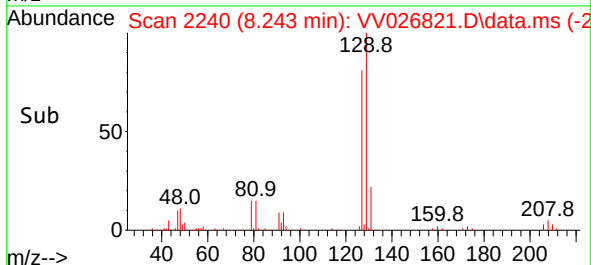
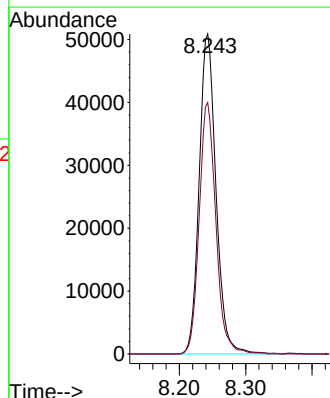
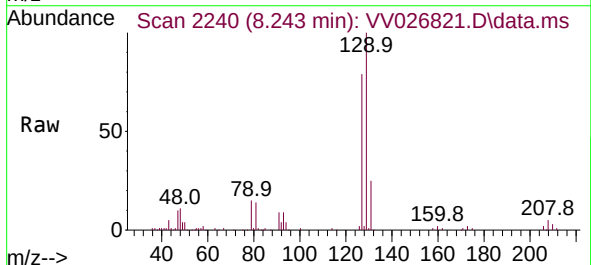
Ion	Ratio	Lower	Upper
43	100		
58	59.6	47.9	71.9
57	20.1	16.3	24.5
100	13.7	11.5	17.3

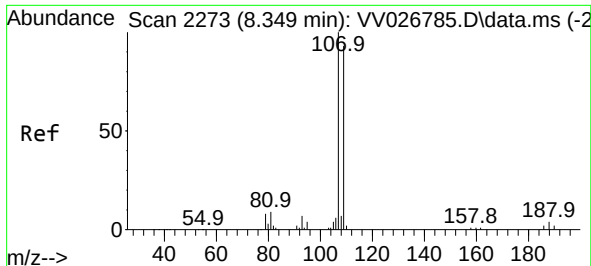


#49
Dibromochloromethane
Concen: 5.333 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

Tgt Ion: 129 Resp: 89731

Ion	Ratio	Lower	Upper
129	100		
127	78.5	55.7	103.5





#50

1,2-Dibromoethane

Concen: 5.410 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

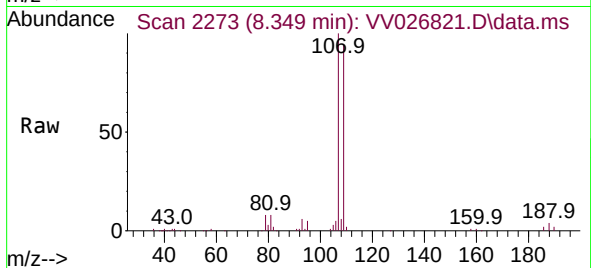
Lab File: VV026821.D

Acq: 19 Jul 2022 09:42

Instrument :

MSVOA_V

ClientSampleId :



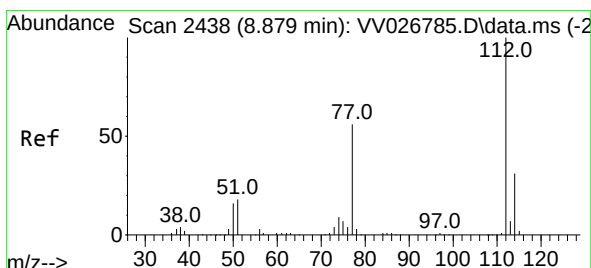
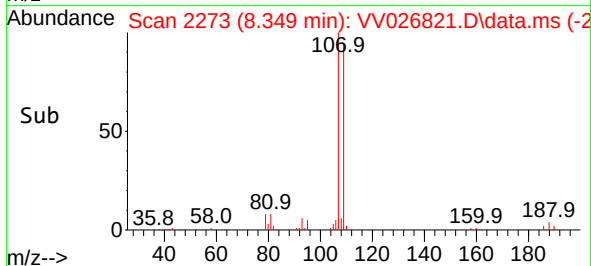
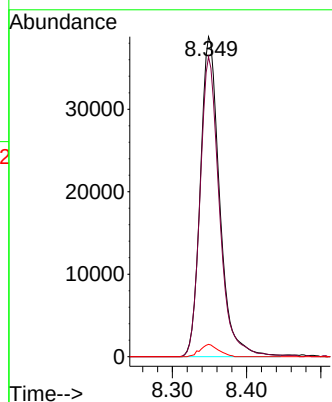
Tgt Ion:107 Resp: 69891

Ion Ratio Lower Upper

107 100

109 93.7 68.0 126.4

188 3.8 2.8 4.2



#51

Chlorobenzene

Concen: 5.281 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV026821.D

Acq: 19 Jul 2022 09:42

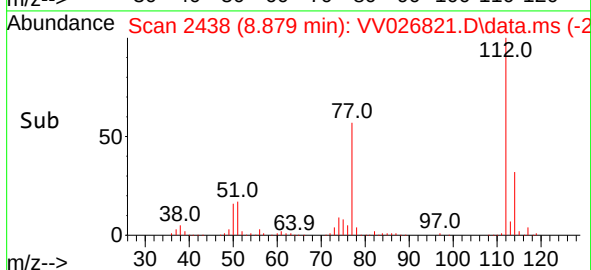
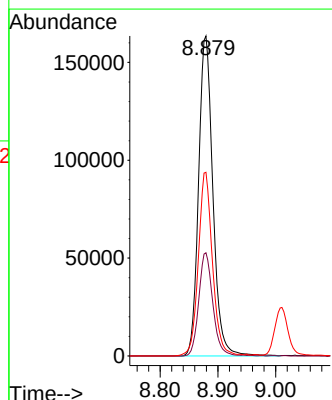
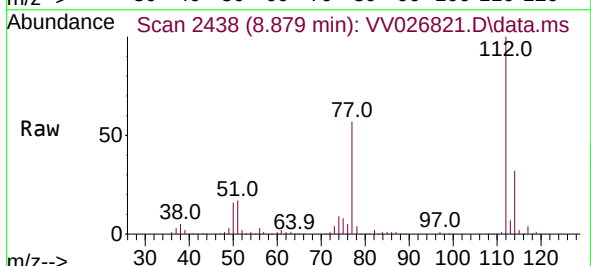
Tgt Ion:112 Resp: 281674

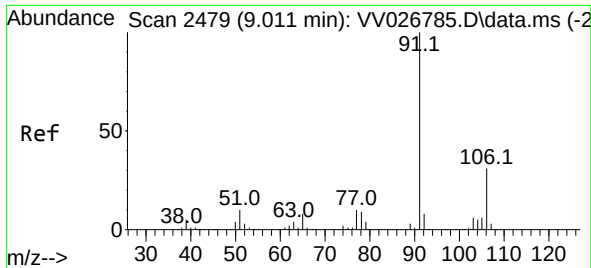
Ion Ratio Lower Upper

112 100

114 32.3 22.7 42.1

77 57.4 46.6 70.0

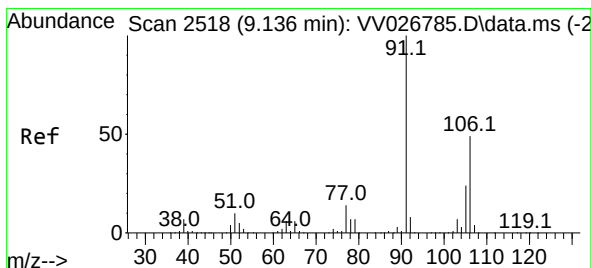
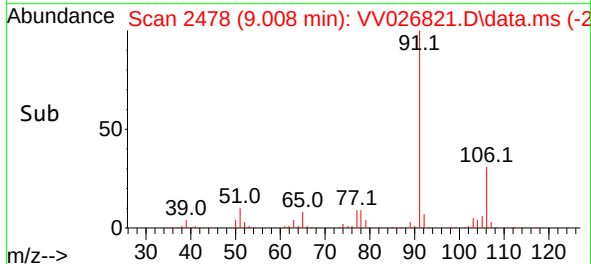
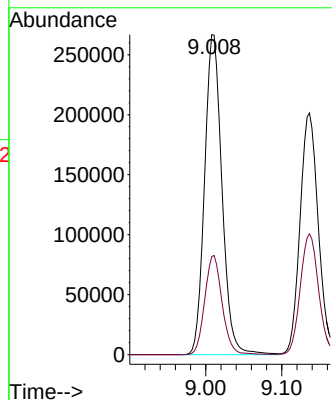
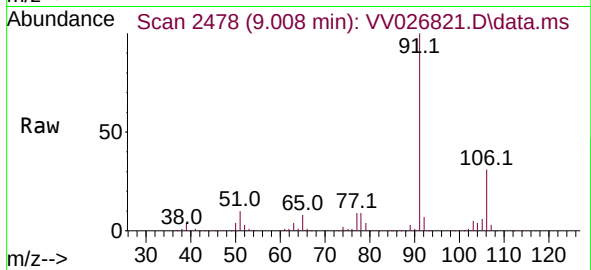




#52
Ethylbenzene
Concen: 5.089 ug/L
RT: 9.008 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

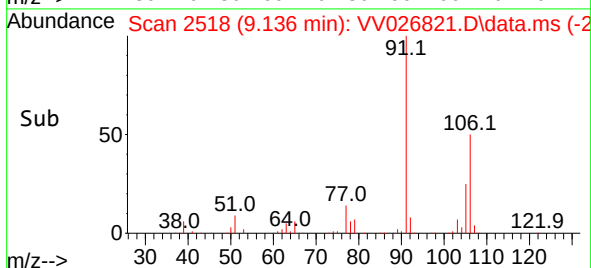
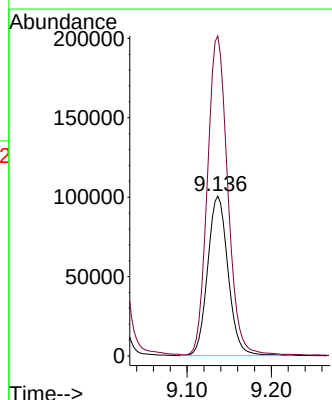
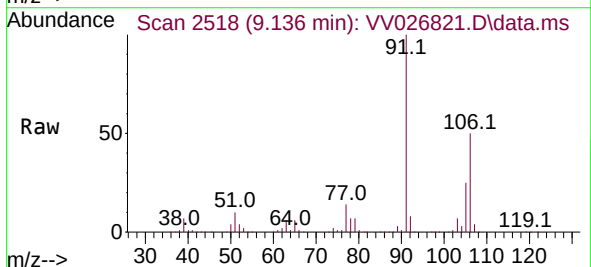
Instrument :
MSVOA_V
ClientSampleId :

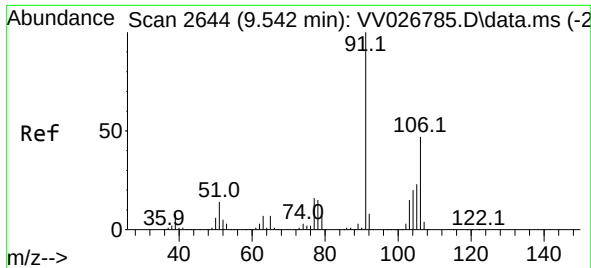
Tgt Ion: 91 Resp: 424835
Ion Ratio Lower Upper
91 100
106 30.7 21.6 40.2



#53
m,p-Xylene
Concen: 5.209 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

Tgt Ion:106 Resp: 169108
Ion Ratio Lower Upper
106 100
91 200.1 139.3 258.7

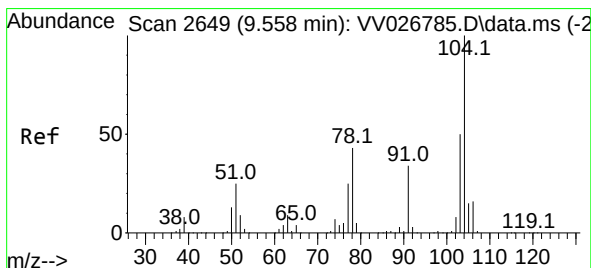
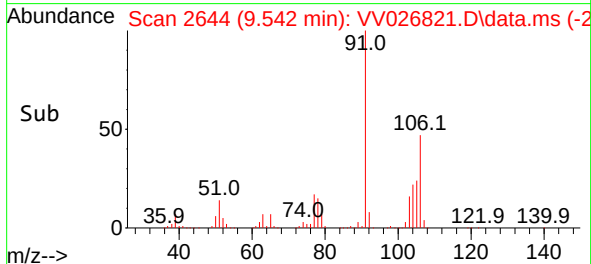
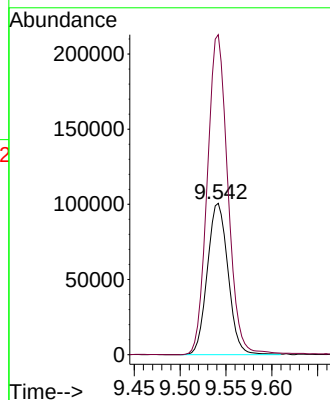
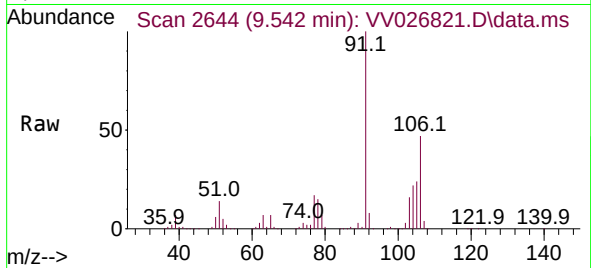




#54
o-Xylene
Concen: 5.134 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

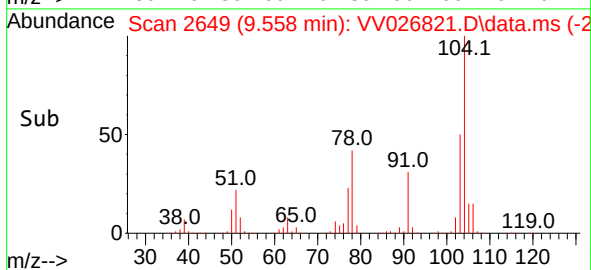
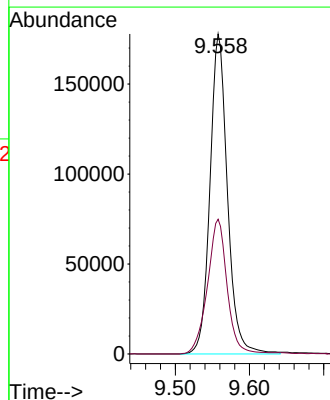
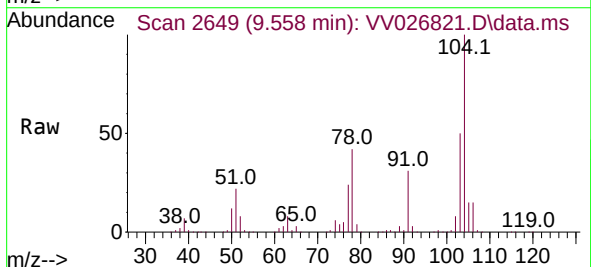
Instrument :
MSVOA_V
ClientSampleId :

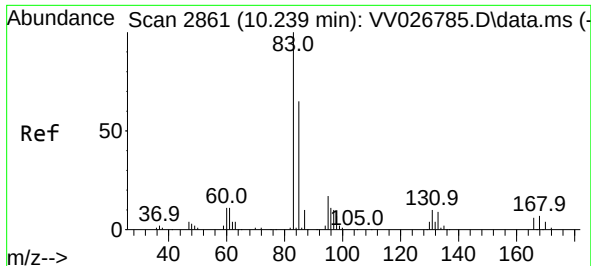
Tgt Ion:106 Resp: 158372
Ion Ratio Lower Upper
106 100
91 211.5 151.1 280.7



#55
Styrene
Concen: 5.371 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

Tgt Ion:104 Resp: 290357
Ion Ratio Lower Upper
104 100
78 42.1 29.5 54.9





#57

1,1,2-Tetrachloroethane

Concen: 5.276 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV026821.D

Acq: 19 Jul 2022 09:42

Instrument :

MSVOA_V

ClientSampleId :

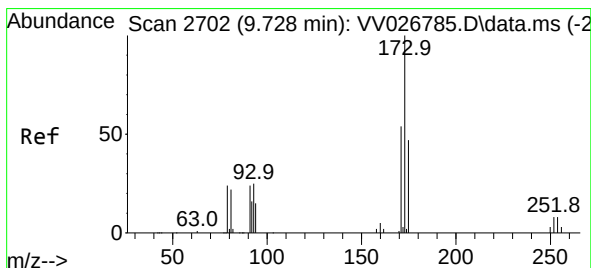
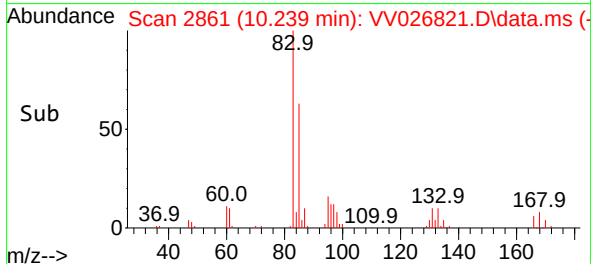
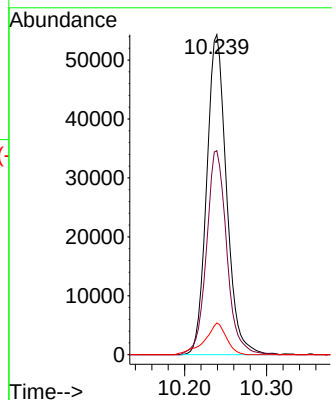
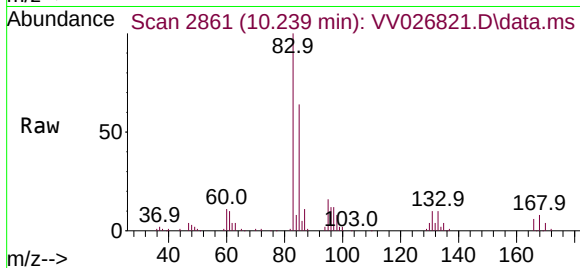
Tgt Ion: 83 Resp: 91182

Ion Ratio Lower Upper

83 100

85 63.8 43.6 81.0

131 9.9 7.4 11.2



#59

Bromoform

Concen: 4.973 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.000 min

Lab File: VV026821.D

Acq: 19 Jul 2022 09:42

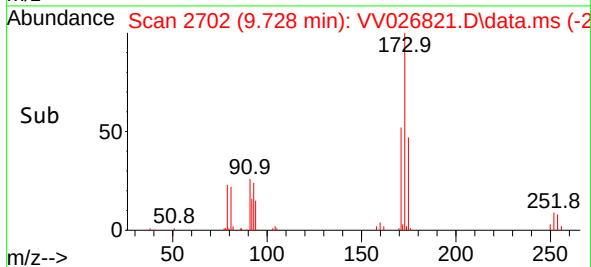
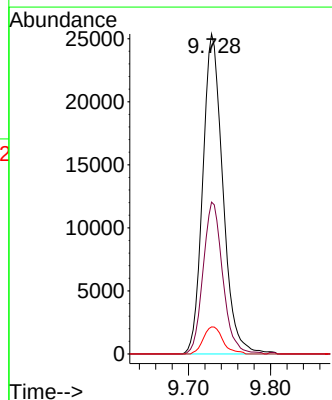
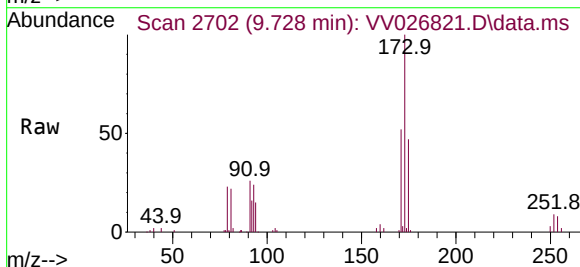
Tgt Ion: 173 Resp: 43190

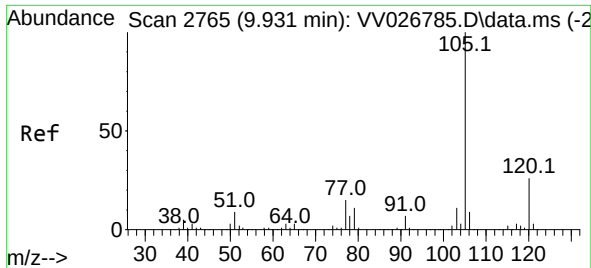
Ion Ratio Lower Upper

173 100

175 46.3 40.7 61.1

254 8.3 6.5 9.7

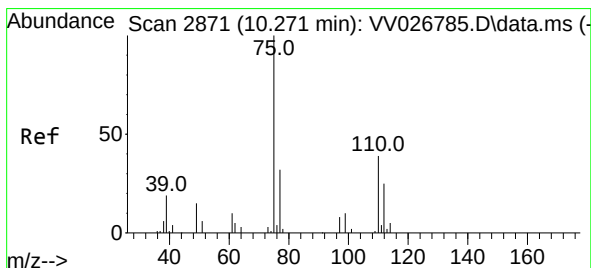
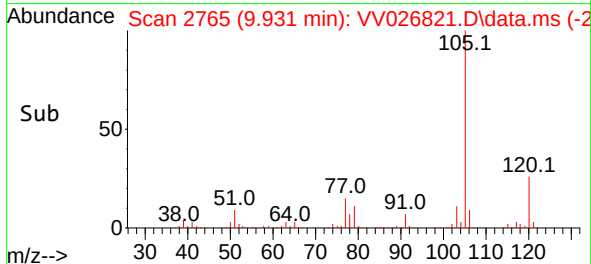
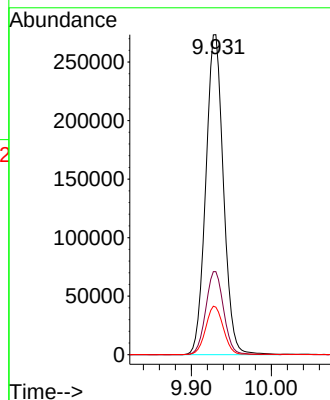
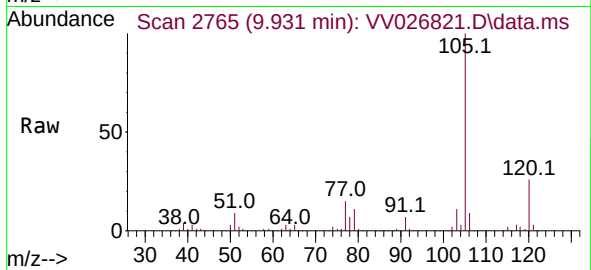




#60
Isopropylbenzene
Concen: 4.972 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

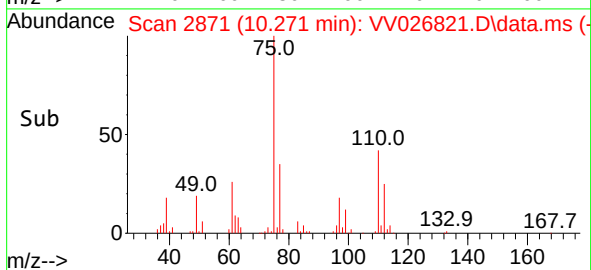
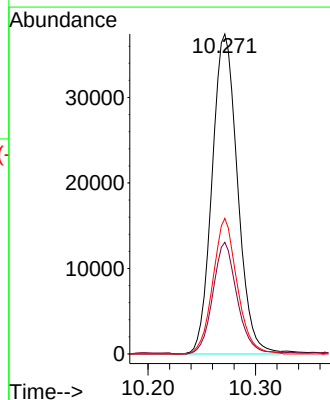
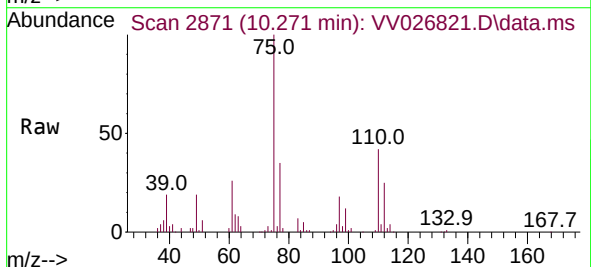
Instrument :
MSVOA_V
ClientSampleId :

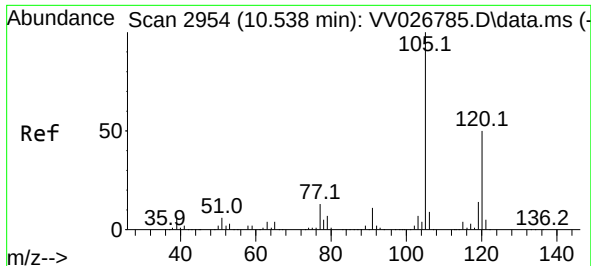
Tgt Ion:105 Resp: 419769
Ion Ratio Lower Upper
105 100
120 26.3 20.7 31.1
77 15.1 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.929 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

Tgt Ion: 75 Resp: 61536
Ion Ratio Lower Upper
75 100
77 33.3 25.4 38.0
110 40.6 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 4.687 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV026821.D

Acq: 19 Jul 2022 09:42

Instrument :

MSVOA_V

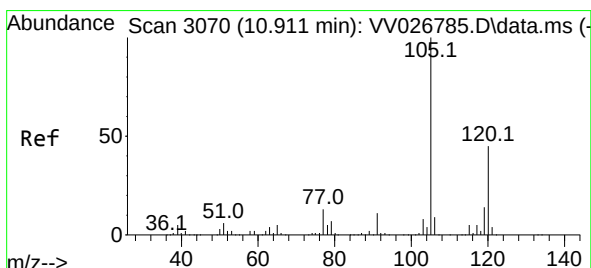
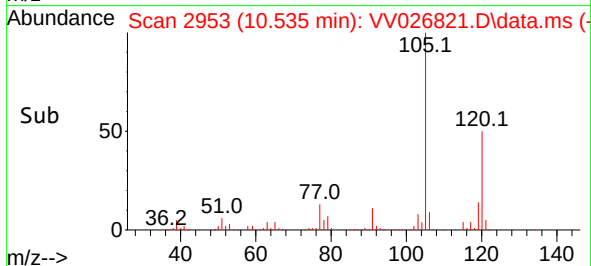
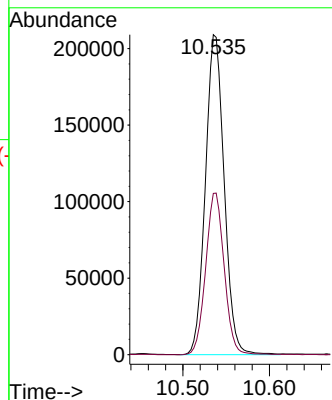
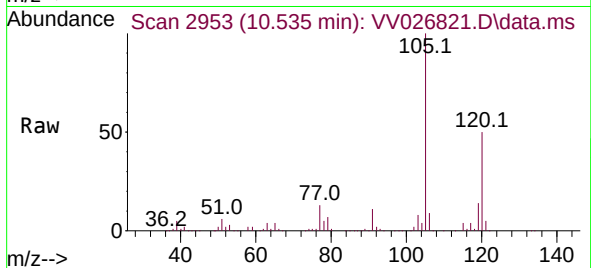
ClientSampleId :

Tgt Ion:105 Resp: 314856

Ion Ratio Lower Upper

105 100

120 49.8 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.853 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV026821.D

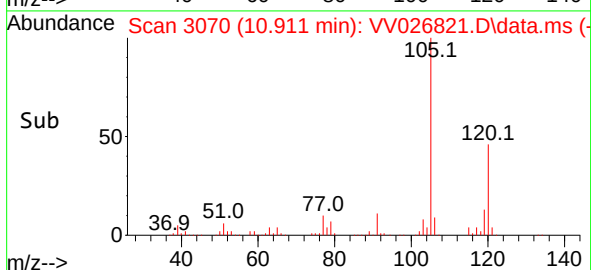
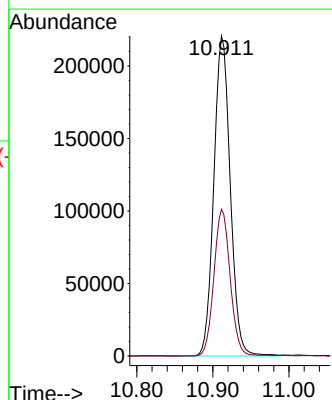
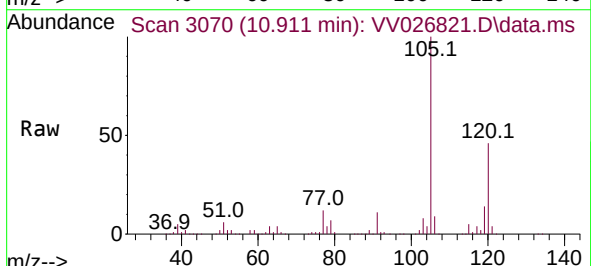
Acq: 19 Jul 2022 09:42

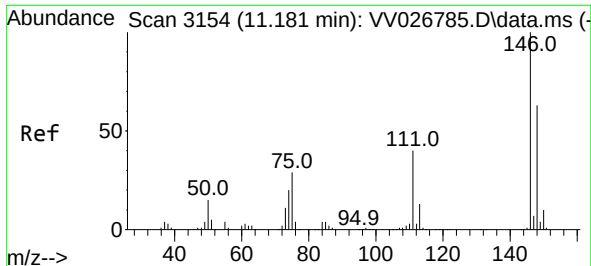
Tgt Ion:105 Resp: 331013

Ion Ratio Lower Upper

105 100

120 45.2 36.8 55.2

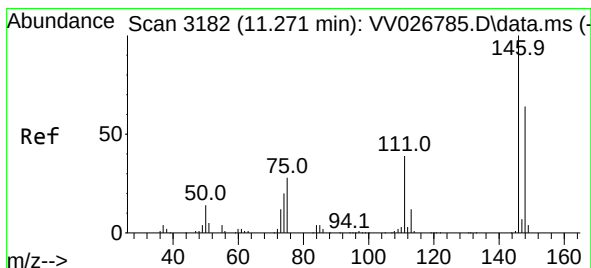
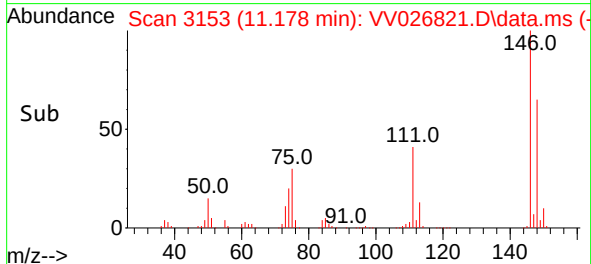
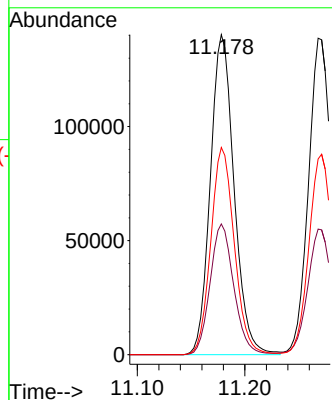
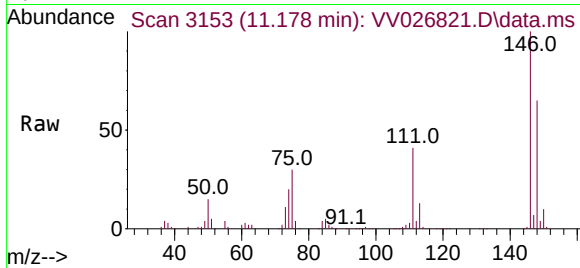




#64
1,3-Dichlorobenzene
Concen: 5.204 ug/L
RT: 11.178 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

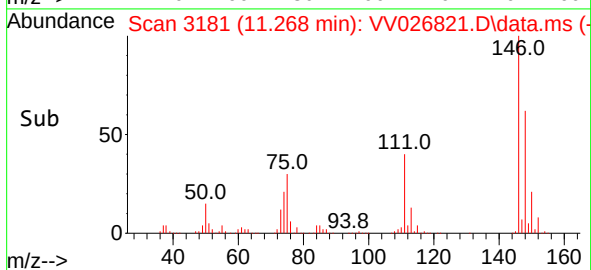
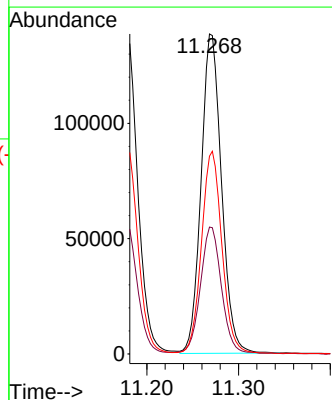
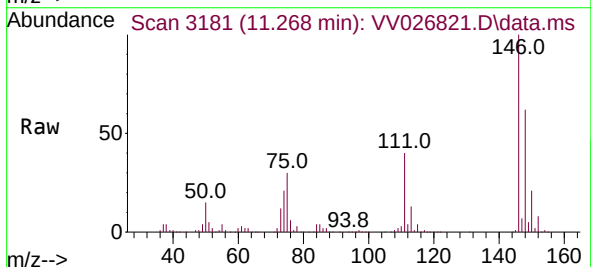
Instrument :
MSVOA_V
ClientSampleId :

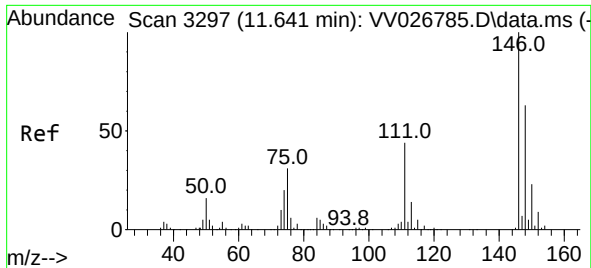
Tgt Ion:146 Resp: 215275
Ion Ratio Lower Upper
146 100
111 40.9 27.9 51.7
148 64.7 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.098 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

Tgt Ion:146 Resp: 214434
Ion Ratio Lower Upper
146 100
111 39.7 26.8 49.8
148 61.8 43.3 80.5

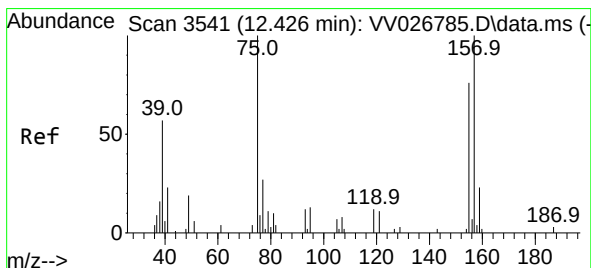
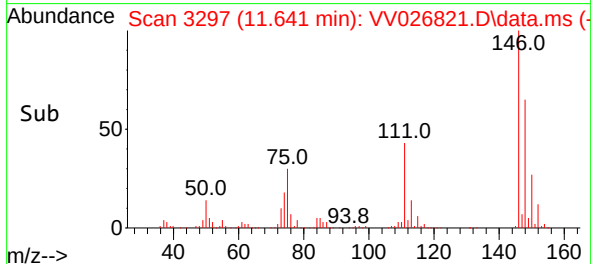
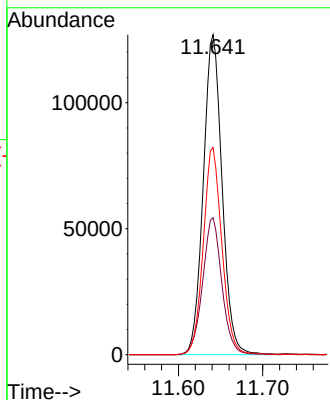
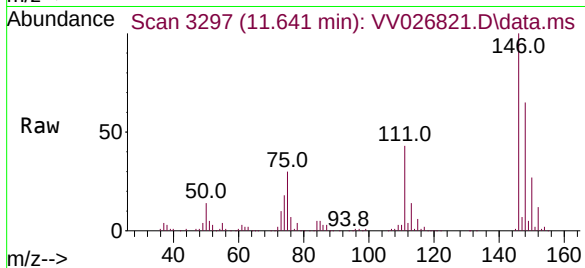




#67
1,2-Dichlorobenzene
Concen: 5.116 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

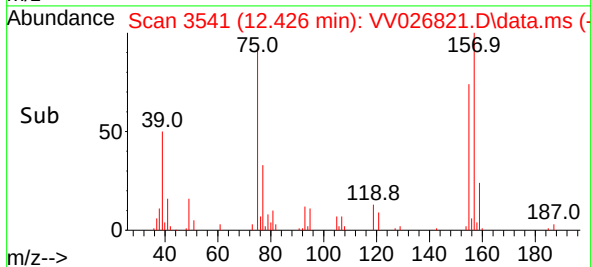
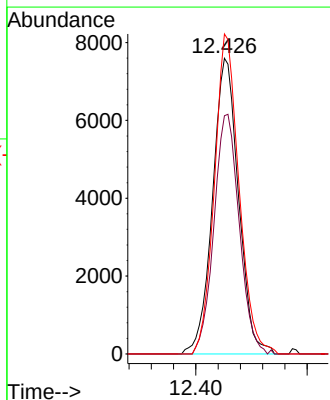
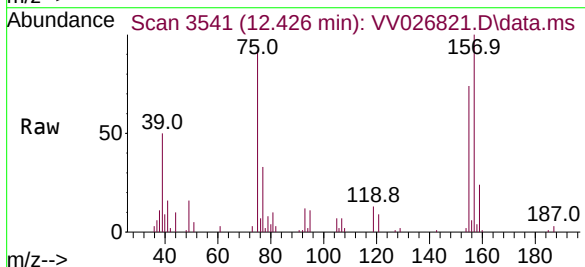
Instrument :
MSVOA_V
ClientSampleId :

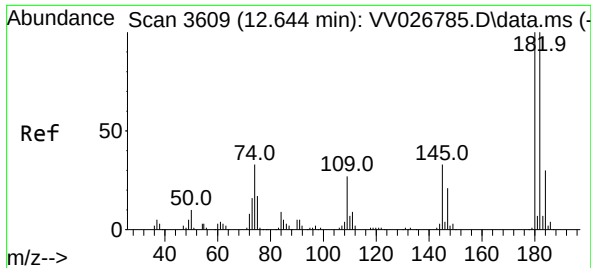
Tgt Ion:146 Resp: 197629
Ion Ratio Lower Upper
146 100
111 42.8 34.6 52.0
148 64.7 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.639 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

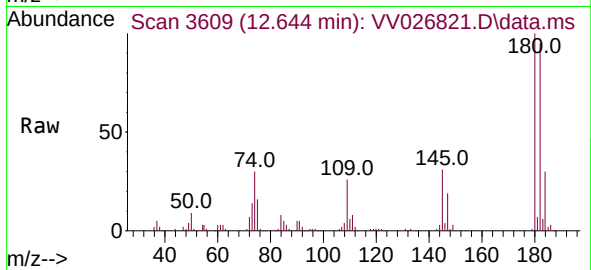
Tgt Ion: 75 Resp: 12277
Ion Ratio Lower Upper
75 100
155 80.6 60.3 90.5
157 108.2 78.2 117.4



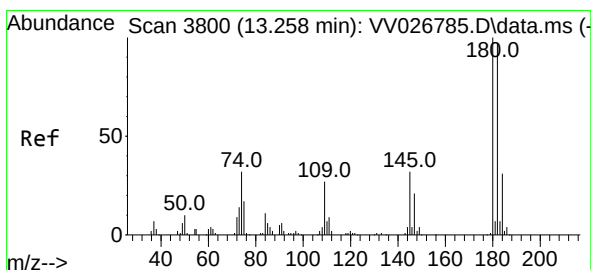
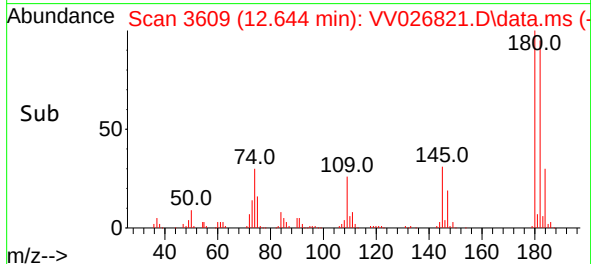
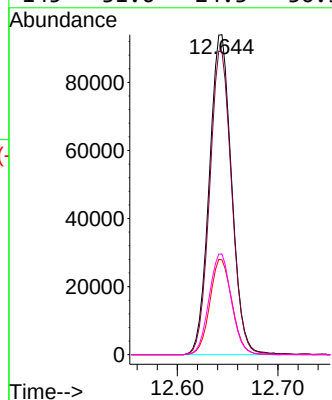


#69
 1,3,5-Trichlorobenzene
 Concen: 4.955 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV026821.D
 Acq: 19 Jul 2022 09:42

Instrument :
 MSVOA_V
 ClientSampleId :

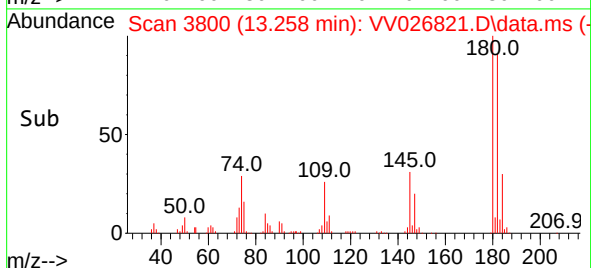
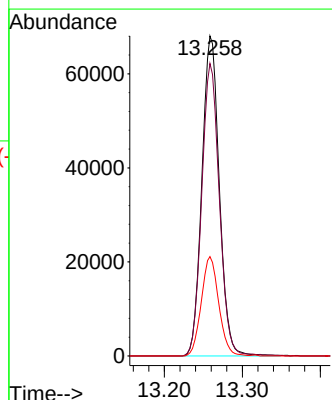
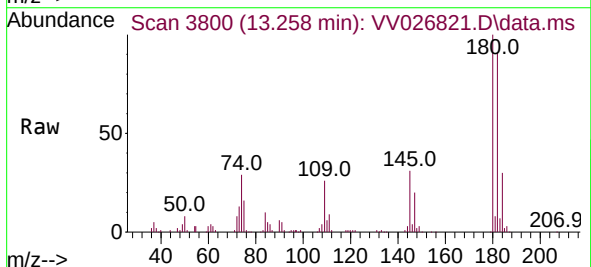


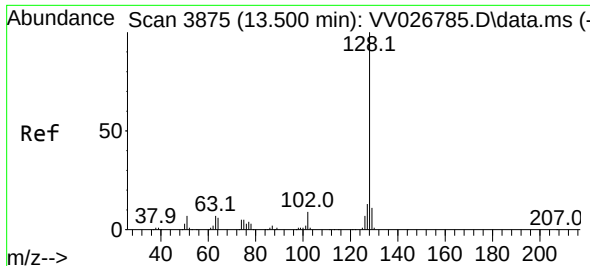
Tgt Ion:180 Resp: 144878
 Ion Ratio Lower Upper
 180 100
 182 93.6 74.0 111.0
 184 29.6 23.1 34.7
 145 31.6 24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 4.748 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV026821.D
 Acq: 19 Jul 2022 09:42

Tgt Ion:180 Resp: 105579
 Ion Ratio Lower Upper
 180 100
 182 92.6 74.7 112.1
 145 31.0 24.7 37.1

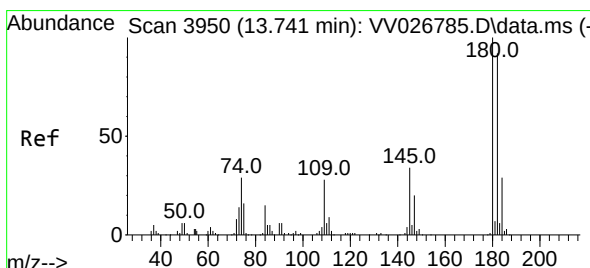
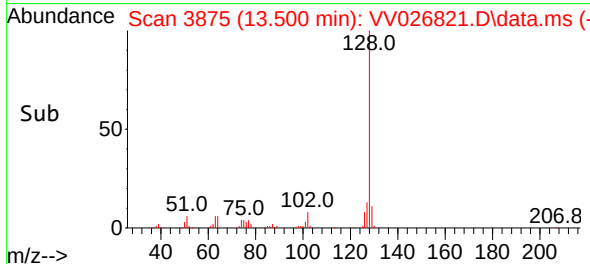
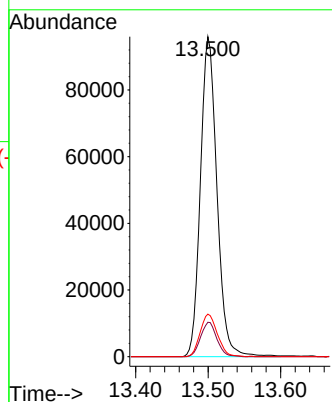
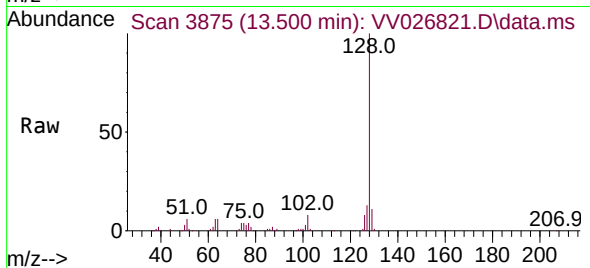




#71
Naphthalene
Concen: 4.124 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 151931
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 13.8 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 4.581 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV026821.D
Acq: 19 Jul 2022 09:42

Tgt Ion:180 Resp: 94788
Ion Ratio Lower Upper
180 100
182 96.8 75.0 112.4
145 34.6 26.0 39.0

