

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091622\
 Data File : VW027871.D
 Acq On : 16 Sep 2022 10:11
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 16 21:54:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 16 01:29:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	122085	5.000	ug/L	0.03
28) Chlorobenzene-d5	8.850	117	123243	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	72094	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31018	3.854	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.568	69	32720	4.793	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.108	63	65228	3.820	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	3.892	46	55293	31.003	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	62.000%
24) Chloroform-d	4.342	84	92686	5.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.400%
26) 1,2-Dichloroethane-d4	5.027	65	46368	5.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.043	84	165857	4.639	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.063	67	43384	4.144	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.310	98	151080	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	7.619	79	17172	4.890	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.088	63	67319	51.570	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.140%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34097	5.072	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	58034	4.900	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	65005	5.424	ug/L	99
3) Chloromethane	1.240	50	50623	4.639	ug/L	98
5) Vinyl chloride	1.310	62	51861	4.718	ug/L	100
6) Bromomethane	1.523	94	31235	5.276	ug/L	100
8) Chloroethane	1.584	64	34179	5.415	ug/L	99
9) Trichlorofluoromethane	1.751	101	101936	5.724	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	42048	4.844	ug/L	91
12) 1,1-Dichloroethene	2.114	96	38936	4.812	ug/L	88
13) Acetone	2.175	43	26011	19.574	ug/L	81
14) Carbon disulfide	2.291	76	94838	3.947	ug/L	99
15) Methyl Acetate	2.429	43	13385	3.798	ug/L	99
16) Methylene chloride	2.503	84	54566	5.237	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	99914	5.203	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	47217	5.526	ug/L	91
19) 1,1-Dichloroethane	3.182	63	88081	5.493	ug/L	99
21) 2-Butanone	3.973	43	49080	26.165	ug/L	94
22) cis-1,2-Dichloroethene	3.902	96	50176	5.388	ug/L	# 86
23) Bromochloromethane	4.240	128	22175	5.670	ug/L	# 81
25) Chloroform	4.368	83	101383	5.699	ug/L	98

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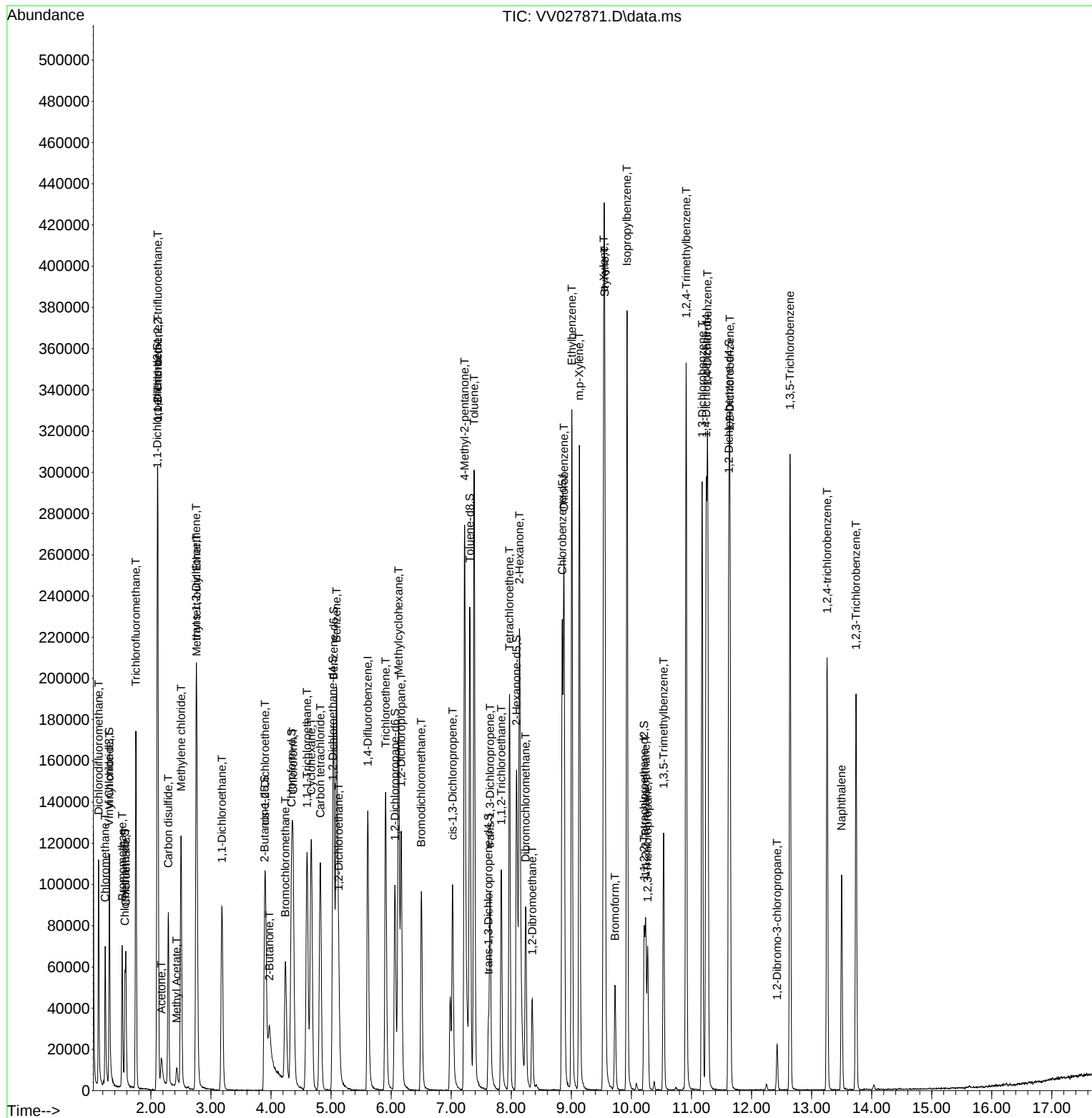
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	55942	5.186	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	94833	5.003	ug/L	98
30) Cyclohexane	4.670	56	61656	3.958	ug/L	97
31) Carbon tetrachloride	4.822	117	85723	5.323	ug/L	99
33) Benzene	5.092	78	196487	4.827	ug/L	100
34) Trichloroethene	5.908	95	49839	4.892	ug/L	90
35) Methylcyclohexane	6.124	83	73327	4.687	ug/L	93
37) 1,2-Dichloropropane	6.169	63	42543	4.405	ug/L #	97
38) Bromodichloromethane	6.503	83	65666	5.127	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	62989	5.165	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	208802	47.694	ug/L	94
42) Toluene	7.381	91	220326	5.588	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	56462	5.517	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	33601	5.369	ug/L	97
47) Tetrachloroethene	7.969	164	45355	5.548	ug/L	97
48) 2-Hexanone	8.137	43	157760	49.567	ug/L	95
49) Dibromochloromethane	8.239	129	45206	5.690	ug/L	96
50) 1,2-Dibromoethane	8.349	107	30027	5.306	ug/L	100
51) Chlorobenzene	8.876	112	137822	5.387	ug/L	97
52) Ethylbenzene	9.008	91	227449	5.563	ug/L	99
53) m,p-Xylene	9.133	106	92136	5.728	ug/L	99
54) o-Xylene	9.542	106	88042	5.743	ug/L	98
55) Styrene	9.558	104	155800	5.876	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	35766	5.099	ug/L	99
59) Bromoform	9.728	173	24082	5.518	ug/L #	97
60) Isopropylbenzene	9.927	105	241022	5.343	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	27644	4.842	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	69698	5.487	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	191268	5.297	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	124594	5.455	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	121681	5.287	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	111284	5.366	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5672	4.628	ug/L	99
69) 1,3,5-Trichlorobenzene	12.641	180	95475	5.518	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	68666	5.019	ug/L	99
71) Naphthalene	13.500	128	84998	3.955	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	59870	4.912	ug/L	98

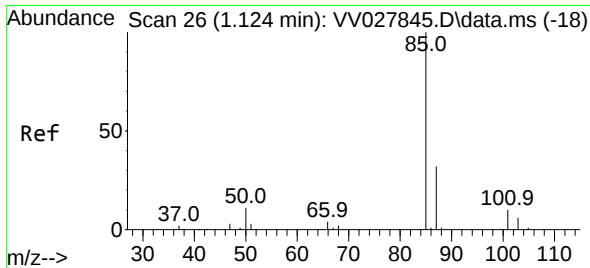
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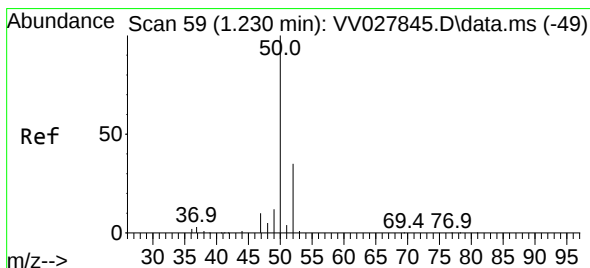
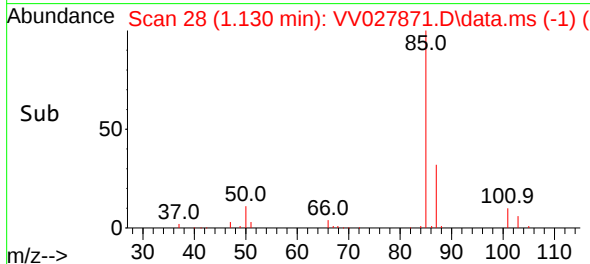
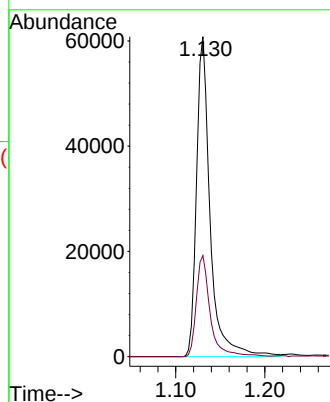
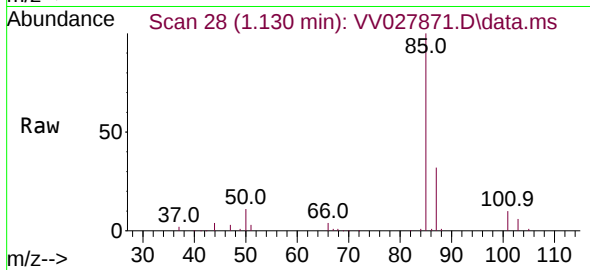




#2
 Dichlorodifluoromethane
 Concen: 5.424 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV027871.D
 Acq: 16 Sep 2022 10:11

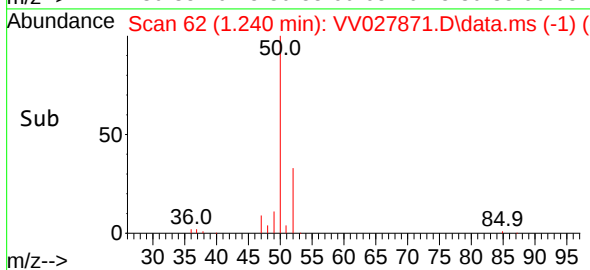
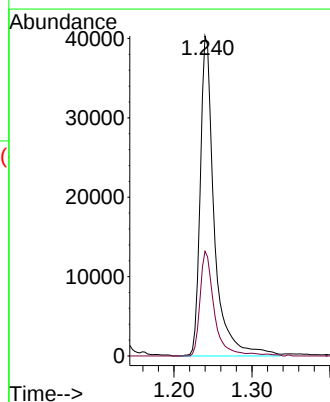
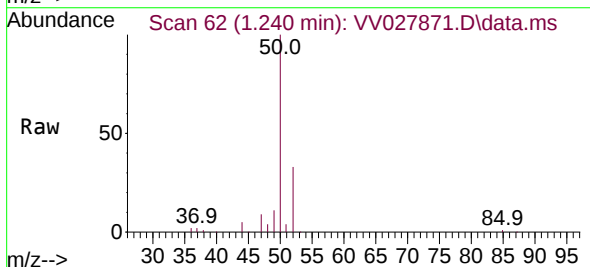
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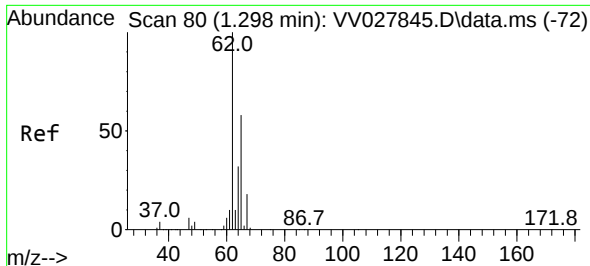
Tgt Ion: 85 Resp: 65005
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.4 38.0



#3
 Chloromethane
 Concen: 4.639 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.010 min
 Lab File: VV027871.D
 Acq: 16 Sep 2022 10:11

Tgt Ion: 50 Resp: 50623
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.1 41.1

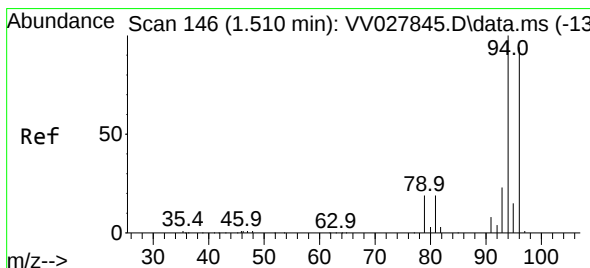
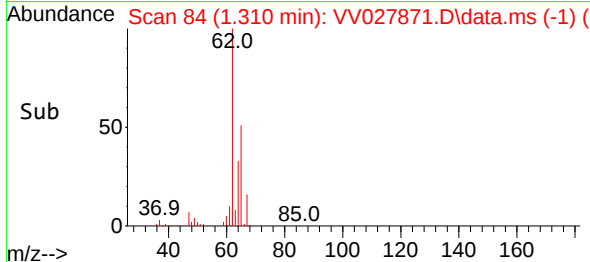
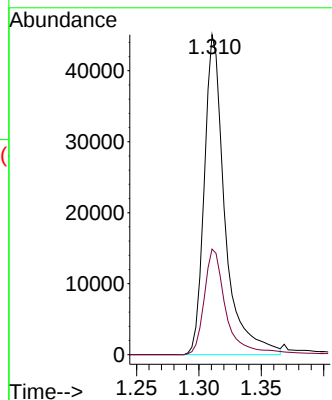
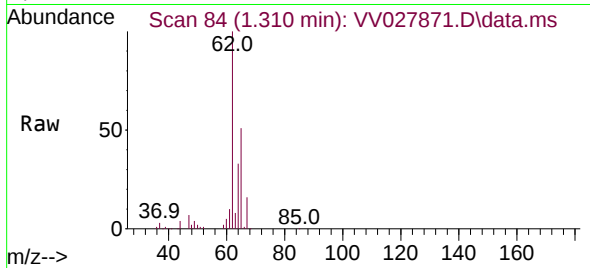




#5
 Vinyl chloride
 Concen: 4.718 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.013 min
 Lab File: VV027871.D
 Acq: 16 Sep 2022 10:11

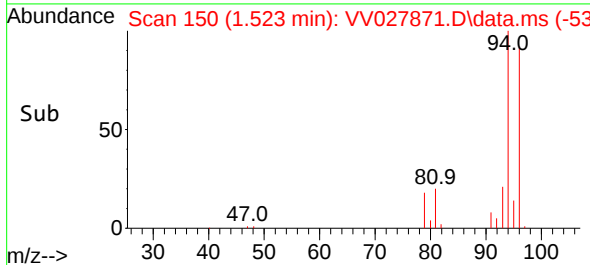
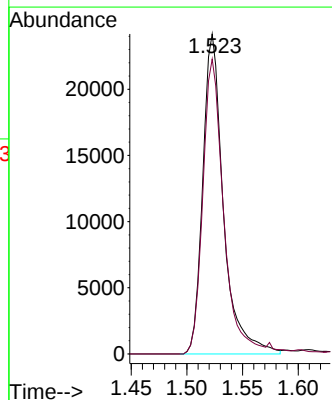
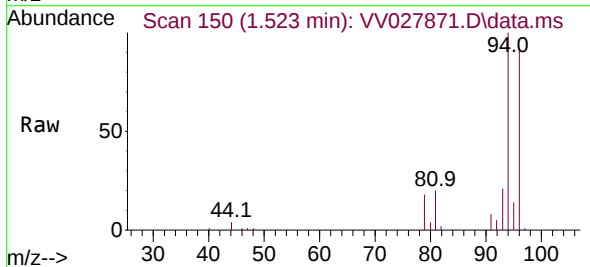
Instrument :
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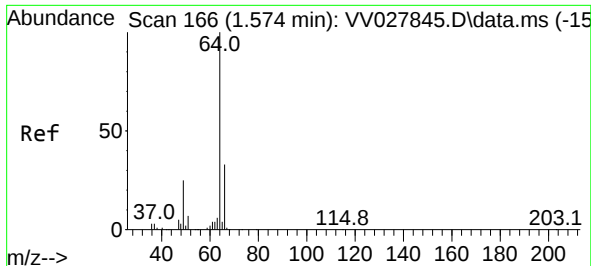
Tgt Ion: 62 Resp: 51861
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.2 43.2



#6
 Bromomethane
 Concen: 5.276 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.013 min
 Lab File: VV027871.D
 Acq: 16 Sep 2022 10:11

Tgt Ion: 94 Resp: 31235
 Ion Ratio Lower Upper
 94 100
 96 92.2 64.2 119.2

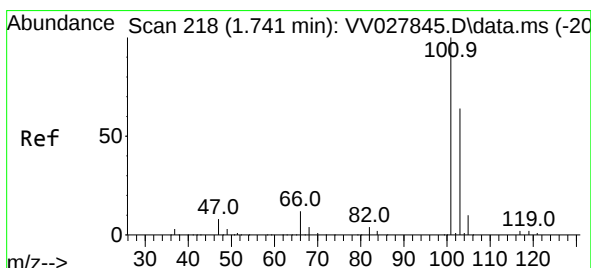
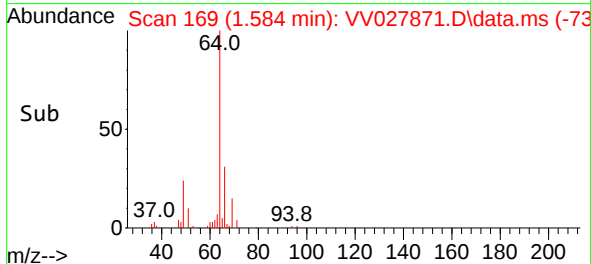
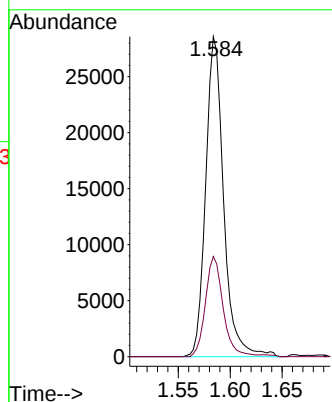
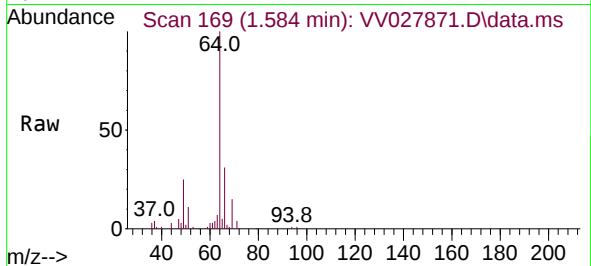




#8
Chloroethane
Concen: 5.415 ug/L
RT: 1.584 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

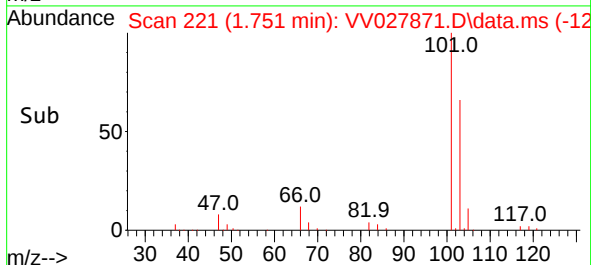
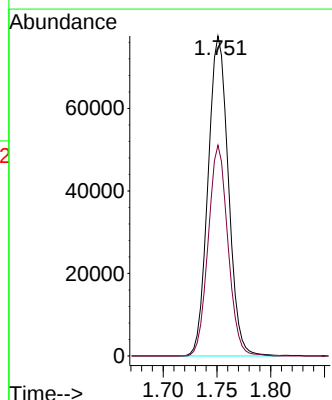
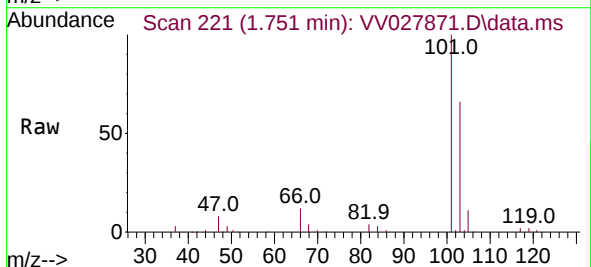
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MSVOA_V
ClientSampleId :

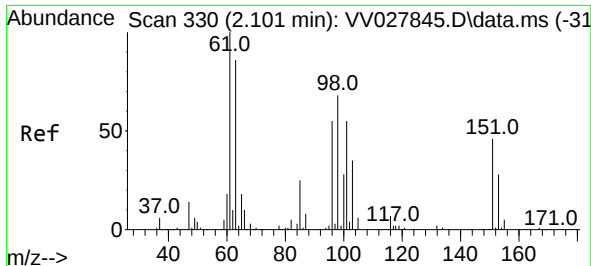
Tgt Ion: 64 Resp: 34179
Ion Ratio Lower Upper
64 100
66 31.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.724 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.010 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

Tgt Ion:101 Resp: 101936
Ion Ratio Lower Upper
101 100
103 63.8 52.3 78.5

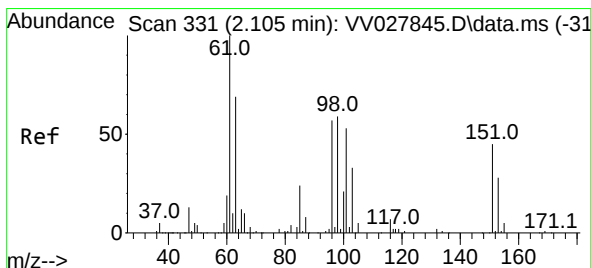
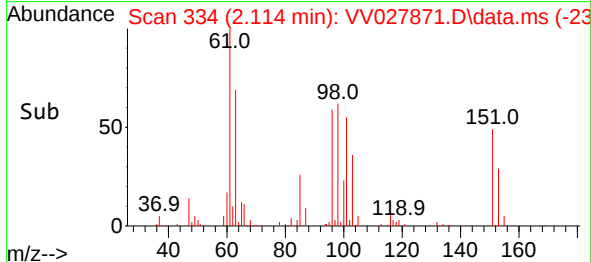
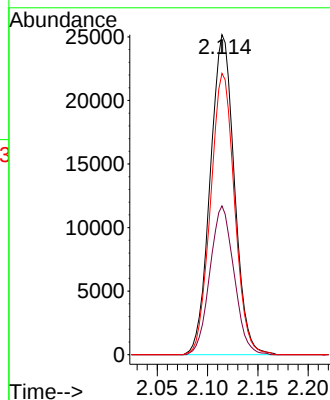
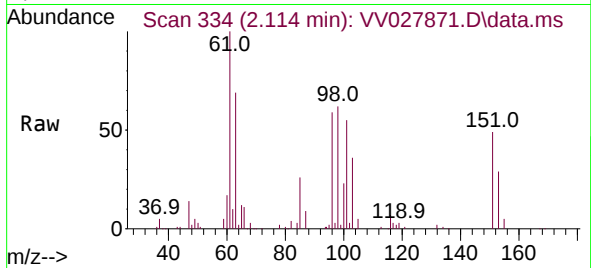




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.844 ug/L
RT: 2.114 min Scan# 331
Delta R.T. 0.013 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

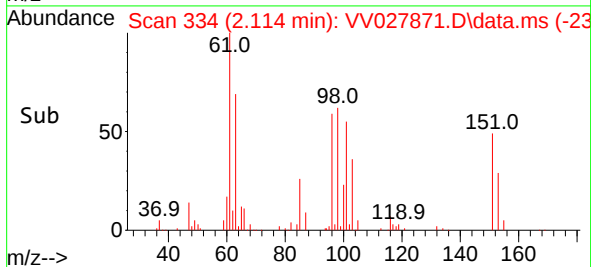
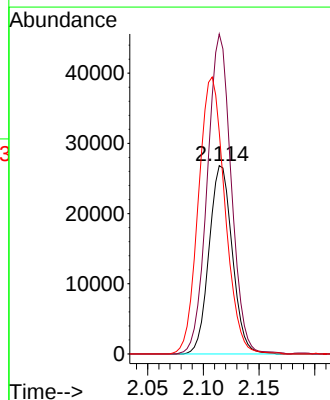
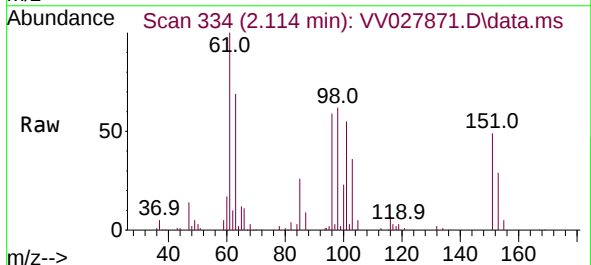
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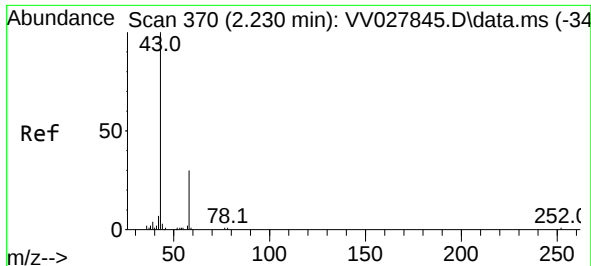
Tgt Ion:101 Resp: 42048
Ion Ratio Lower Upper
101 100
85 46.3 35.8 53.8
151 87.3 61.2 91.8



#12
1,1-Dichloroethene
Concen: 4.812 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.010 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

Tgt Ion: 96 Resp: 38936
Ion Ratio Lower Upper
96 100
61 170.0 129.9 241.3
63 118.0 94.6 175.8

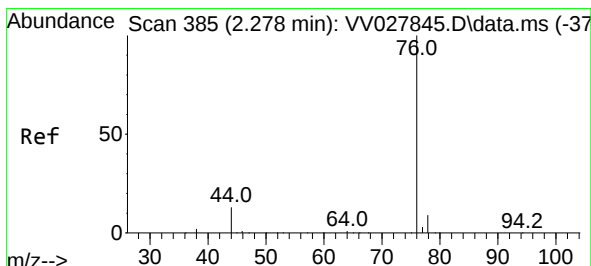
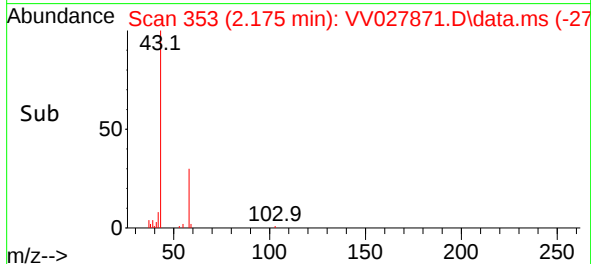
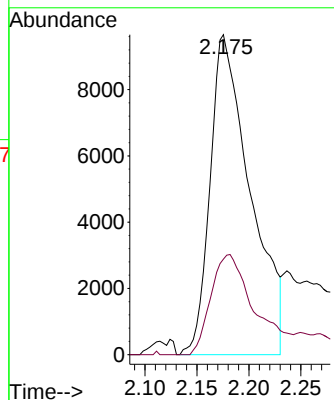
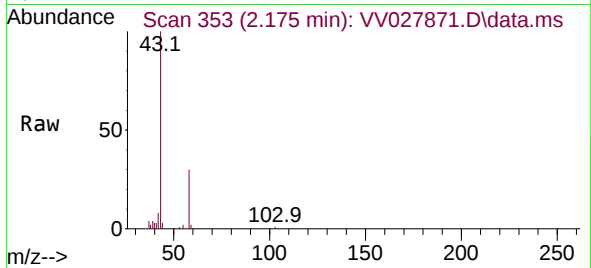




#13
Acetone
Concen: 19.574 ug/L
RT: 2.175 min Scan# 311
Delta R.T. -0.055 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

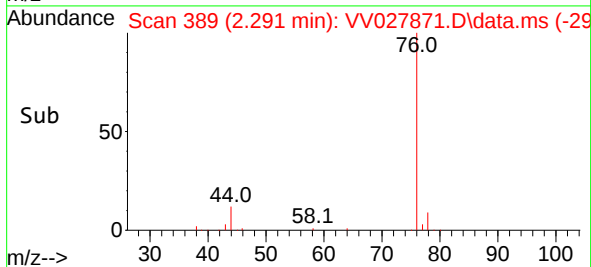
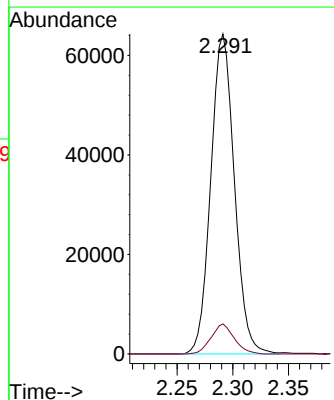
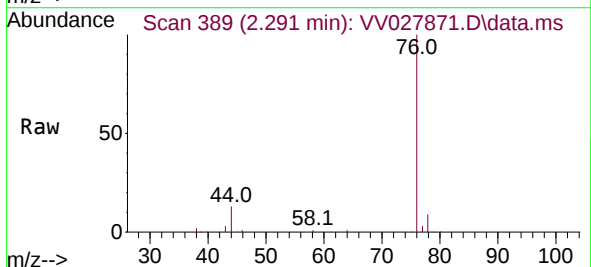
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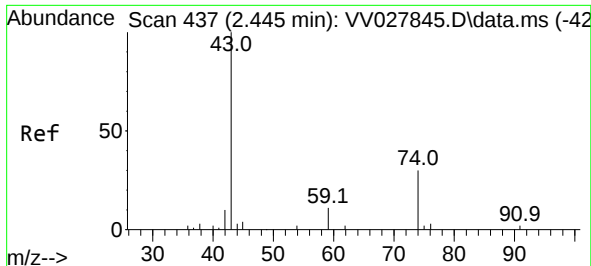
Tgt Ion: 43 Resp: 26011
Ion Ratio Lower Upper
43 100
58 34.3 0.0 49.4



#14
Carbon disulfide
Concen: 3.947 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.013 min
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Tgt Ion: 76 Resp: 94838
Ion Ratio Lower Upper
76 100
78 9.4 7.7 11.5

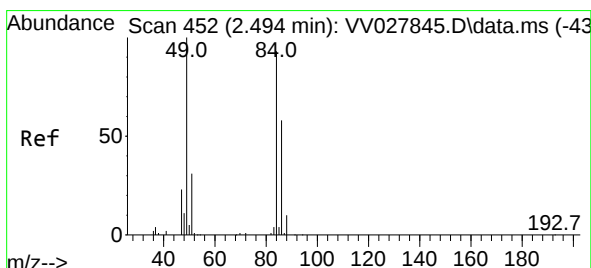
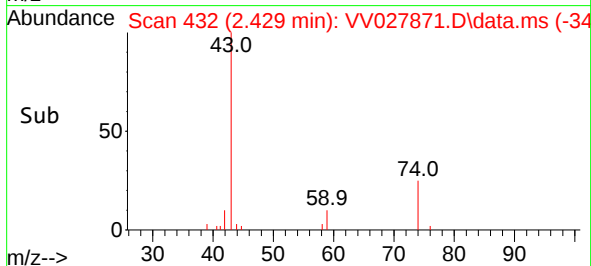
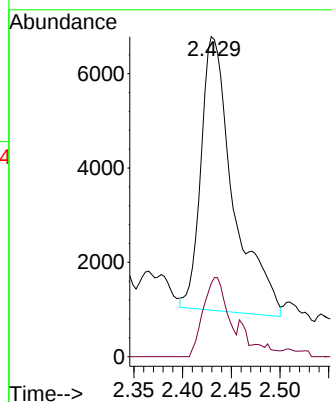
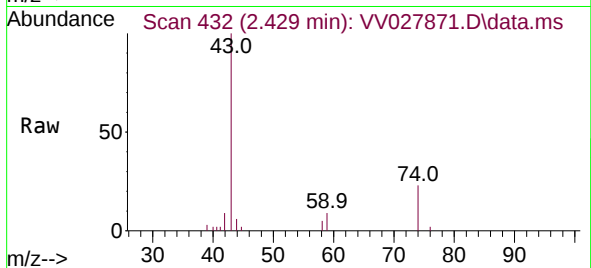




#15
Methyl Acetate
Concen: 3.798 ug/L
RT: 2.429 min Scan# 41
Delta R.T. -0.016 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

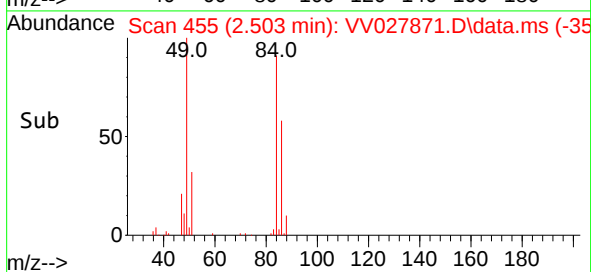
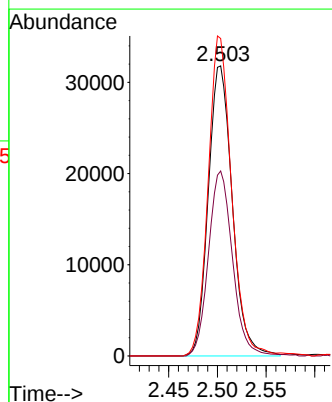
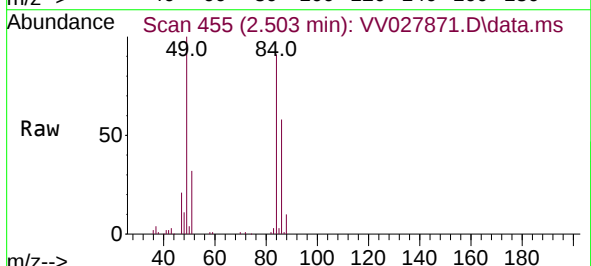
Instrument :
MSVOA_V
ClientSampleId :

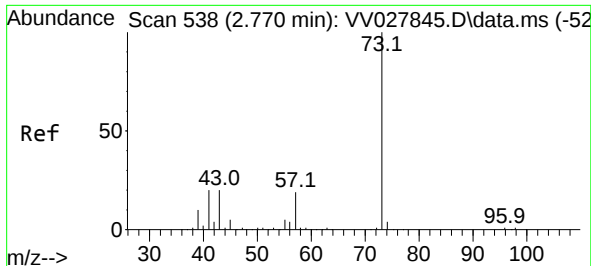
Tgt Ion: 43 Resp: 13385
Ion Ratio Lower Upper
43 100
74 21.4 16.6 25.0



#16
Methylene chloride
Concen: 5.237 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.010 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

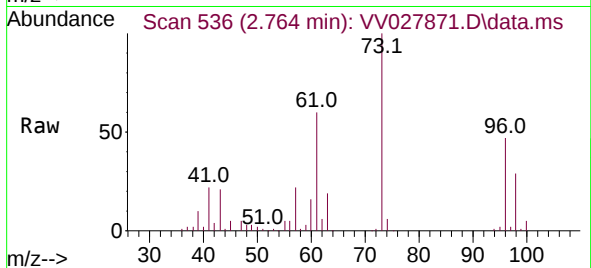
Tgt Ion: 84 Resp: 54566
Ion Ratio Lower Upper
84 100
86 63.8 44.9 83.3
49 109.5 90.1 167.3



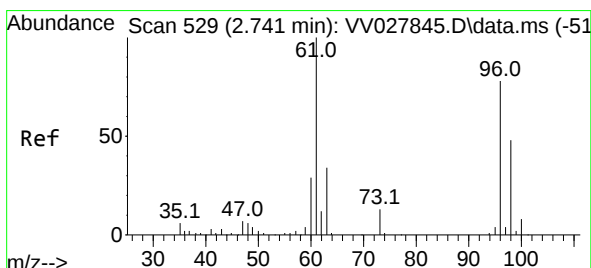
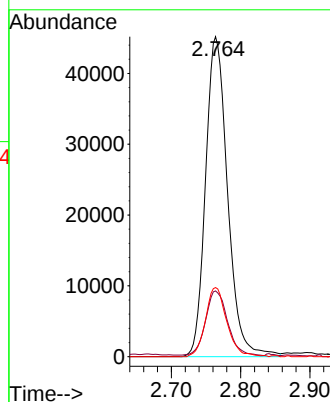
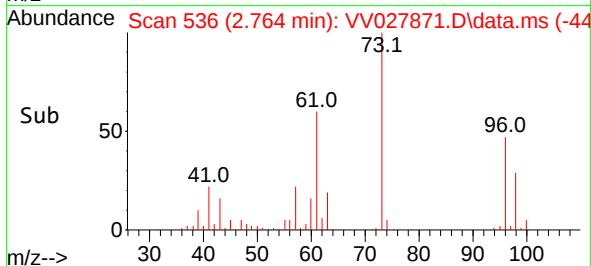


#17
Methyl tert-butyl Ether
Concen: 5.203 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

Instrument :
MSVOA_V
ClientSampleId :

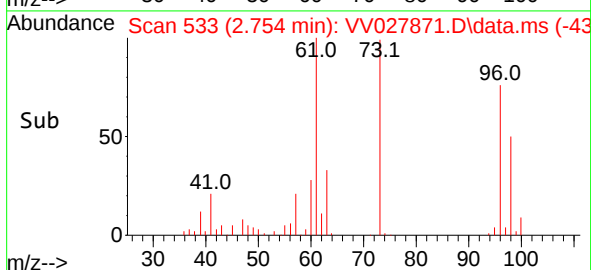
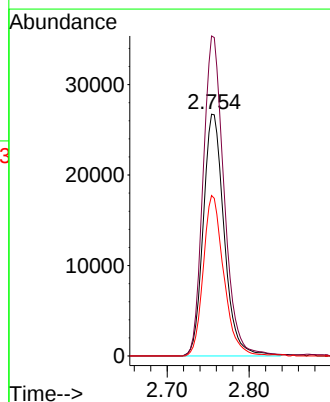
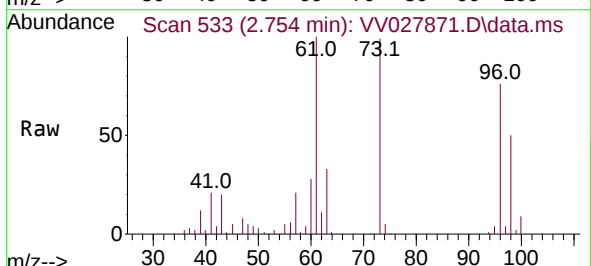


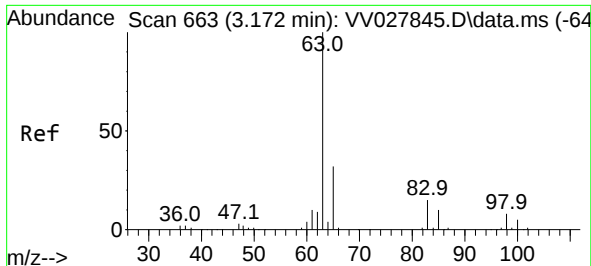
Tgt Ion: 73 Resp: 99914
Ion Ratio Lower Upper
73 100
43 20.2 17.5 26.3
57 20.9 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 5.526 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.013 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

Tgt Ion: 96 Resp: 47217
Ion Ratio Lower Upper
96 100
61 132.3 102.6 190.5
98 66.4 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.493 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.010 min

Lab File: VV027871.D

Acq: 16 Sep 2022 10:11

Instrument :

MSVOA_V

ClientSampleId :

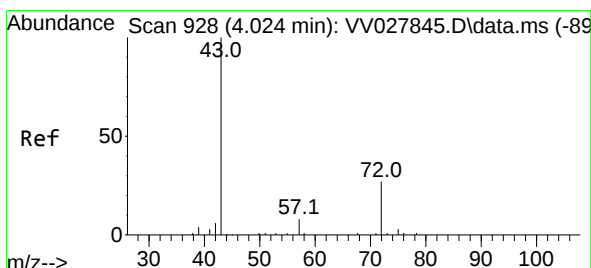
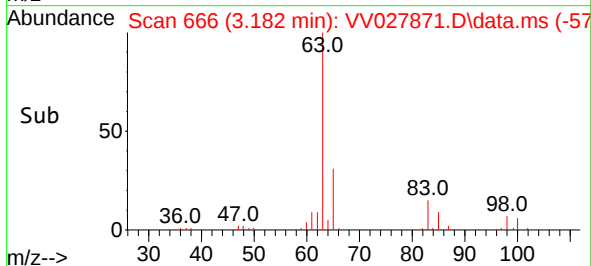
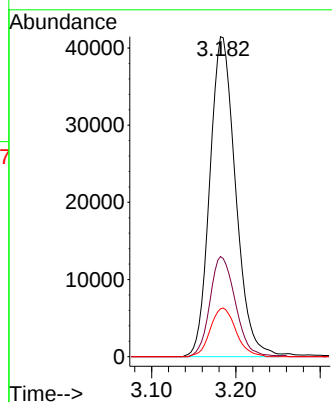
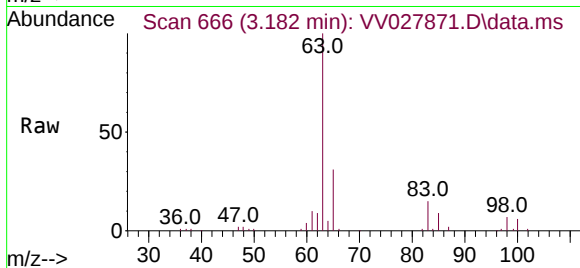
Tgt Ion: 63 Resp: 88081

Ion Ratio Lower Upper

63 100

65 31.3 22.0 41.0

83 15.0 10.1 18.9



#21

2-Butanone

Concen: 26.165 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.051 min

Lab File: VV027871.D

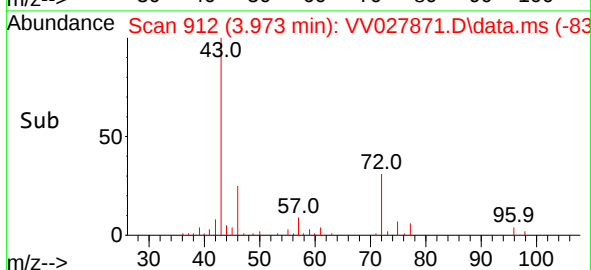
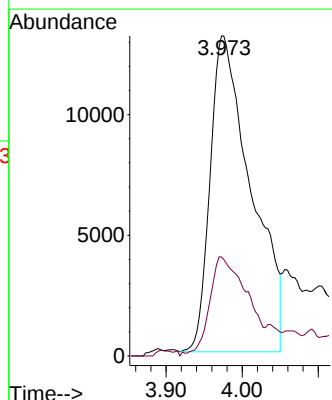
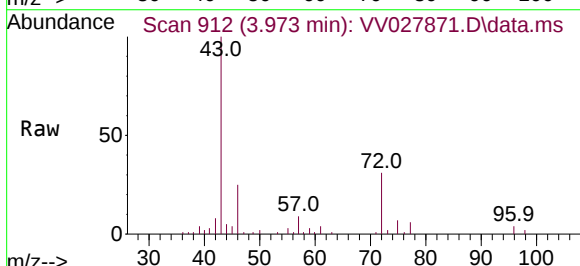
Acq: 16 Sep 2022 10:11

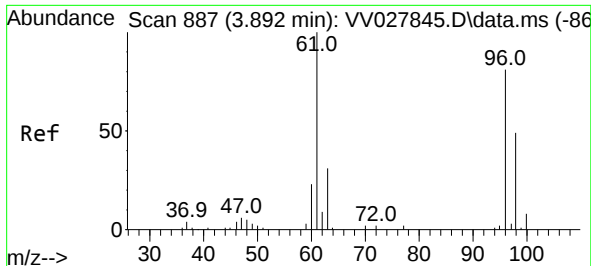
Tgt Ion: 43 Resp: 49080

Ion Ratio Lower Upper

43 100

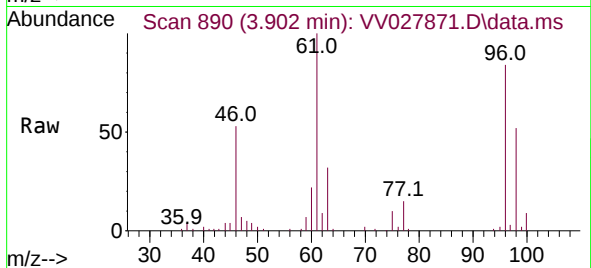
72 28.9 13.0 39.0



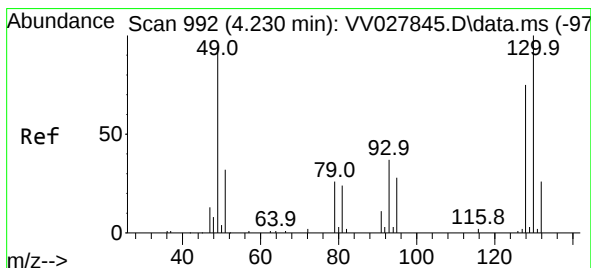
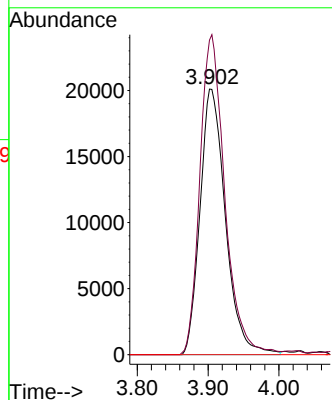
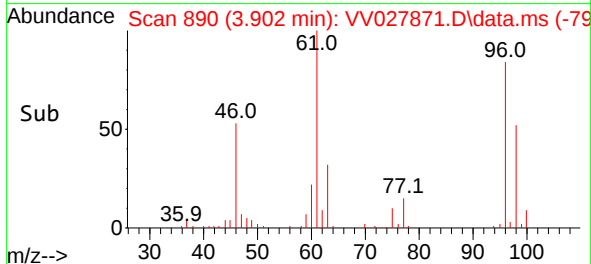


#22
 cis-1,2-Dichloroethene
 Concen: 5.388 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.010 min
 Lab File: VV027871.D
 Acq: 16 Sep 2022 10:11

Instrument :
 MSVOA_V
 ClientSampleId :

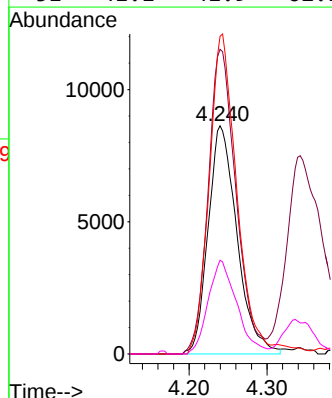
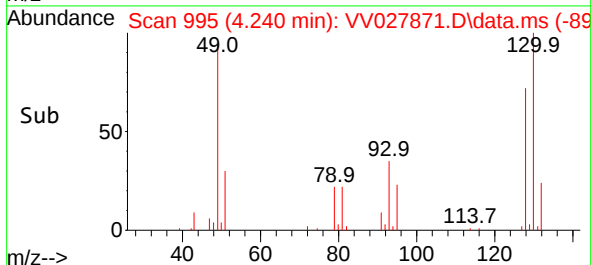
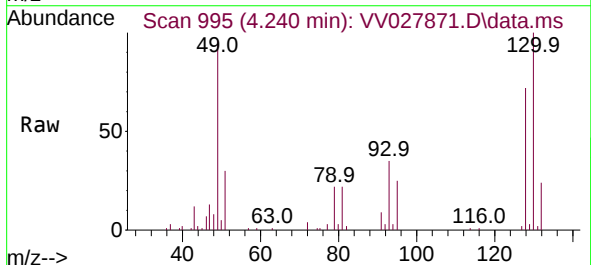


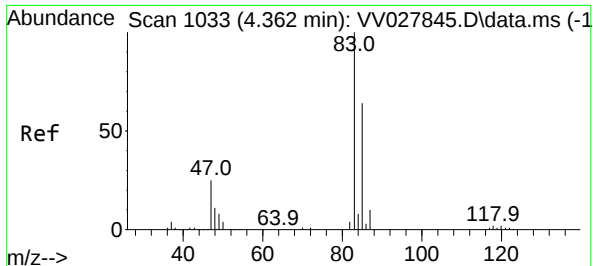
Tgt Ion: 96 Resp: 50176
 Ion Ratio Lower Upper
 96 100
 61 118.4 94.6 175.6
 68 0.0 0.3 0.5#



#23
 Bromochloromethane
 Concen: 5.670 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. 0.010 min
 Lab File: VV027871.D
 Acq: 16 Sep 2022 10:11

Tgt Ion: 128 Resp: 22175
 Ion Ratio Lower Upper
 128 100
 49 133.5 118.4 219.8
 130 139.2 89.2 165.6
 51 41.1 41.9 62.9#





#25

Chloroform

Concen: 5.699 ug/L

RT: 4.368 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VV027871.D

Acq: 16 Sep 2022 10:11

Instrument :

MSVOA_V

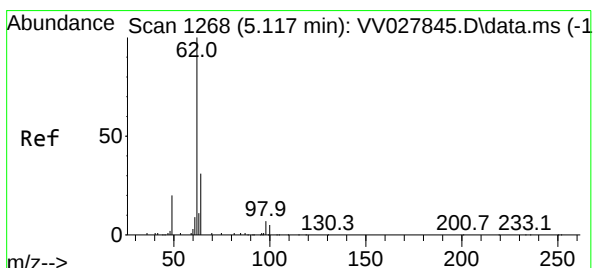
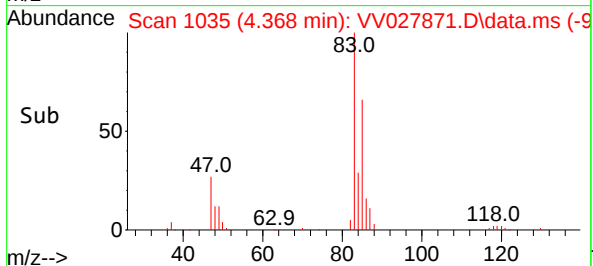
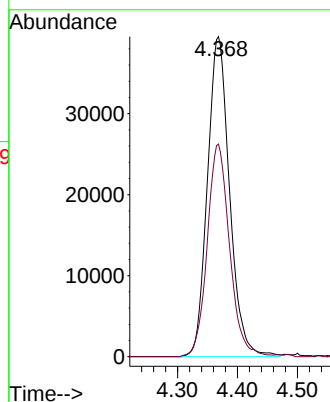
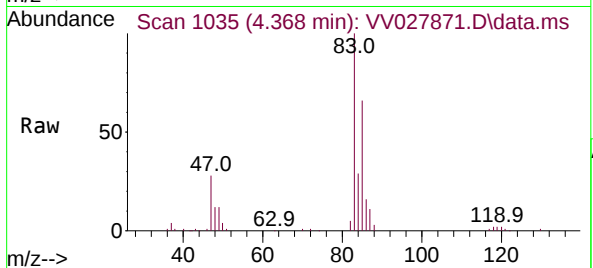
ClientSampleId :

Tgt Ion: 83 Resp: 101383

Ion Ratio Lower Upper

83 100

85 66.4 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.186 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.010 min

Lab File: VV027871.D

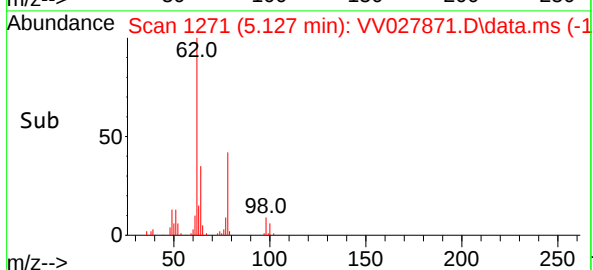
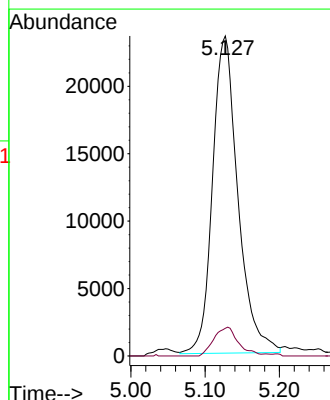
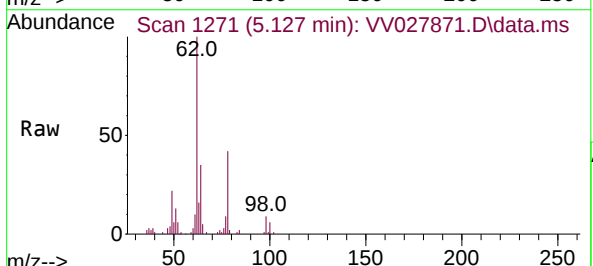
Acq: 16 Sep 2022 10:11

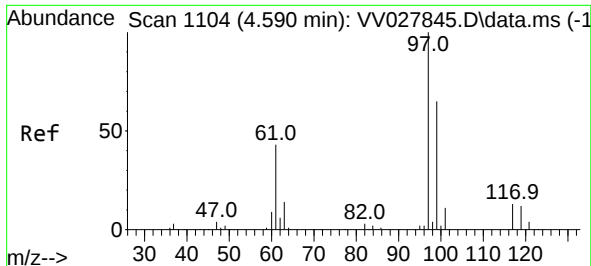
Tgt Ion: 62 Resp: 55942

Ion Ratio Lower Upper

62 100

98 8.7 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 5.003 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.010 min

Lab File: VV027871.D

Acq: 16 Sep 2022 10:11

Instrument :

MSVOA_V

ClientSampleId :

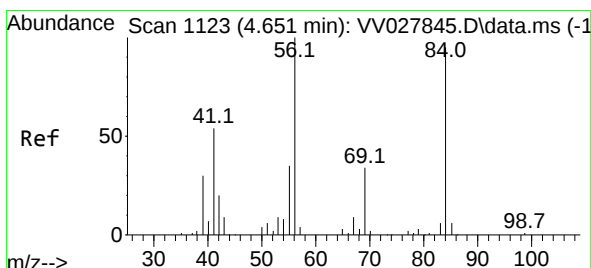
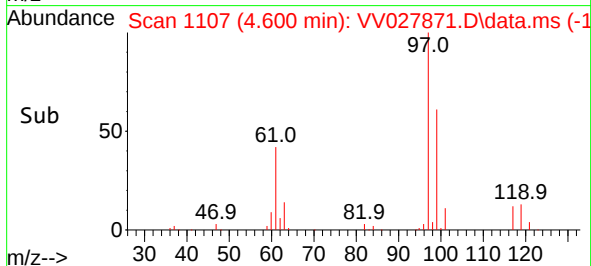
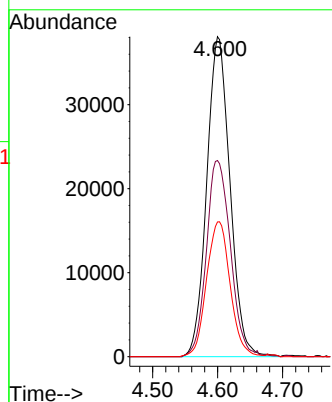
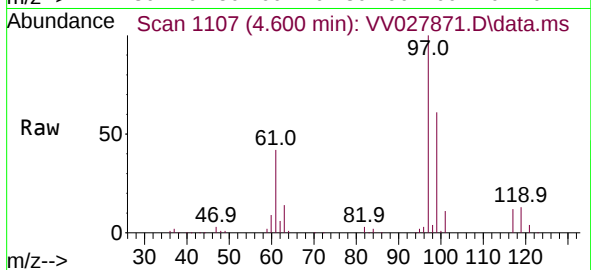
Tgt Ion: 97 Resp: 94833

Ion Ratio Lower Upper

97 100

99 63.7 50.8 76.2

61 42.9 36.2 54.4



#30

Cyclohexane

Concen: 3.958 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.019 min

Lab File: VV027871.D

Acq: 16 Sep 2022 10:11

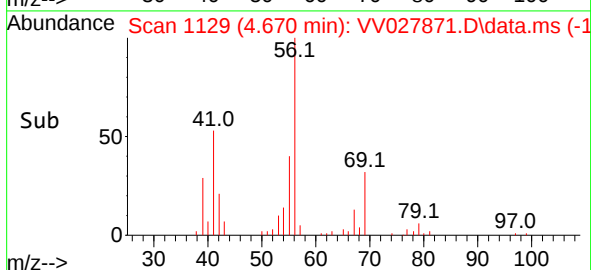
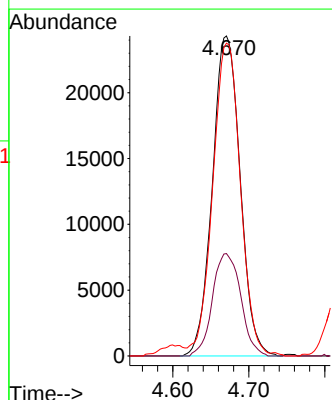
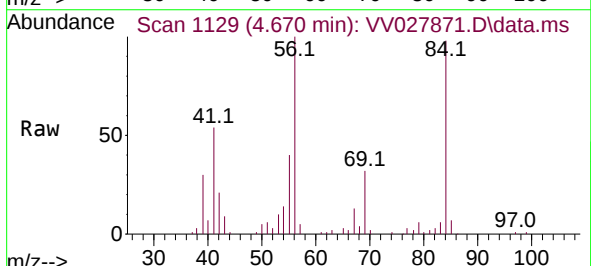
Tgt Ion: 56 Resp: 61656

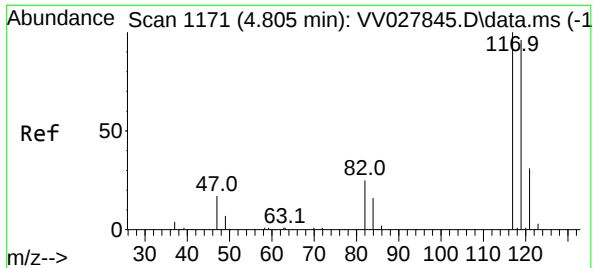
Ion Ratio Lower Upper

56 100

69 32.5 25.4 38.2

84 95.7 73.8 110.8

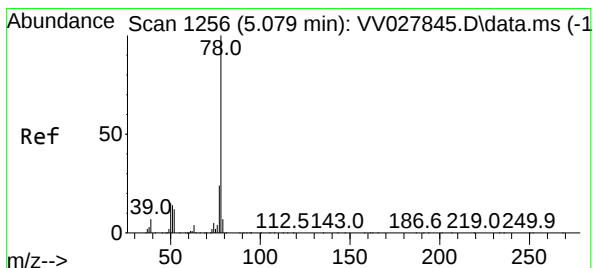
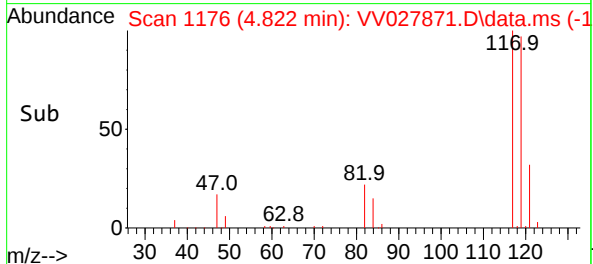
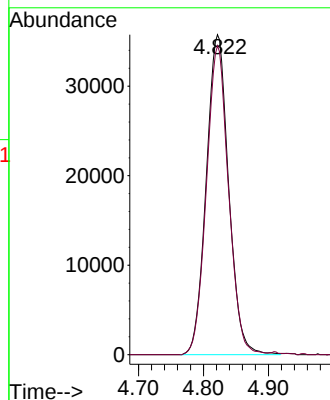
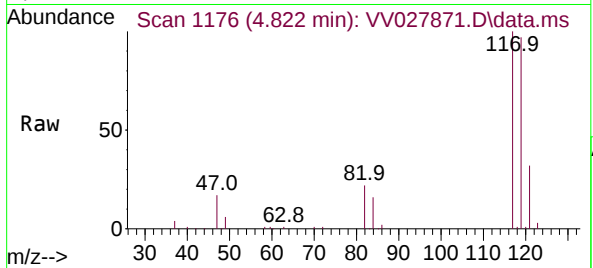




#31
Carbon tetrachloride
Concen: 5.323 ug/L
RT: 4.822 min Scan# 1171
Delta R.T. 0.016 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

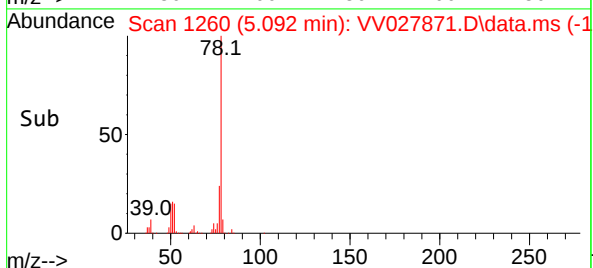
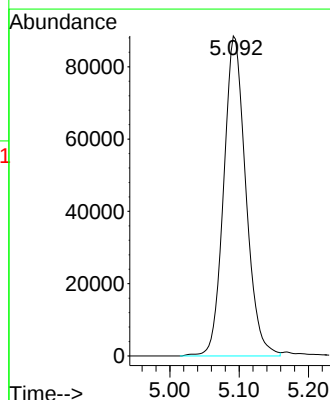
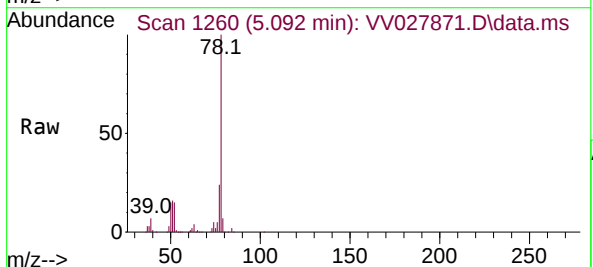
Instrument :
MSVOA_V
ClientSampleId :

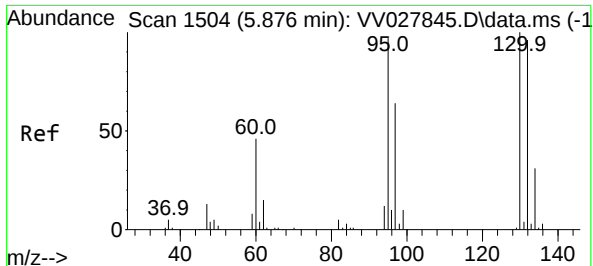
Tgt Ion:117 Resp: 85723
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.8



#33
Benzene
Concen: 4.827 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.013 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

Tgt Ion: 78 Resp: 196487





#34

Trichloroethene

Concen: 4.892 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.032 min

Lab File: VV027871.D

Acq: 16 Sep 2022 10:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 49839

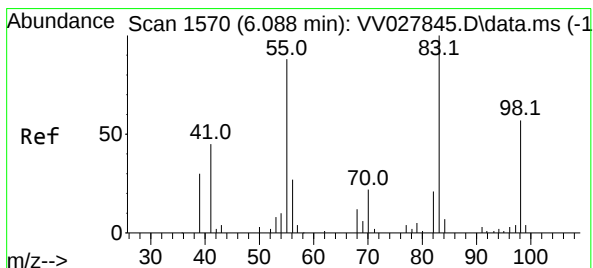
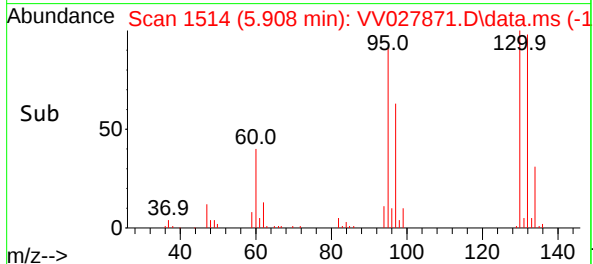
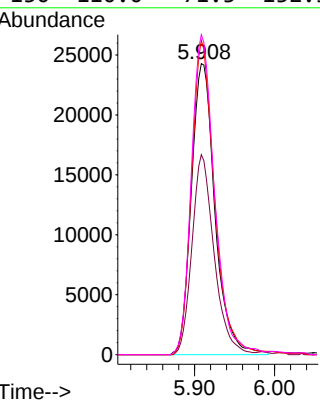
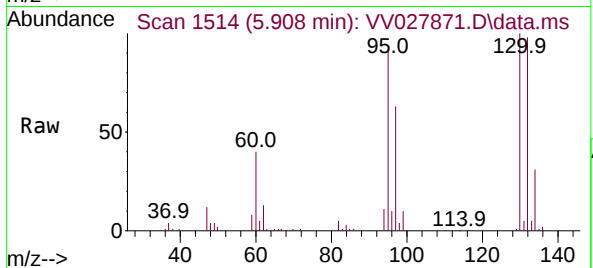
Ion Ratio Lower Upper

95 100

97 68.7 42.9 79.7

132 108.0 67.9 126.1

130 110.0 71.3 132.3



#35

Methylcyclohexane

Concen: 4.687 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.035 min

Lab File: VV027871.D

Acq: 16 Sep 2022 10:11

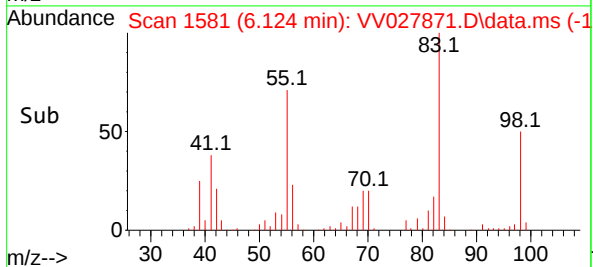
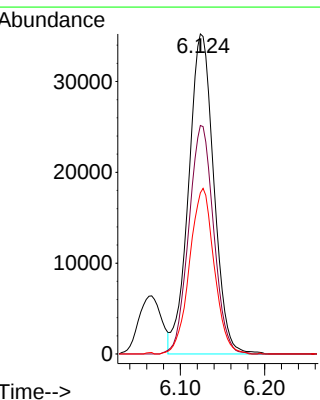
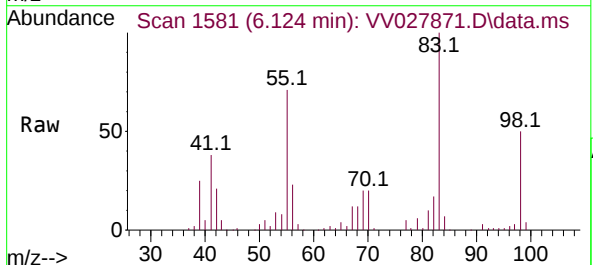
Tgt Ion: 83 Resp: 73327

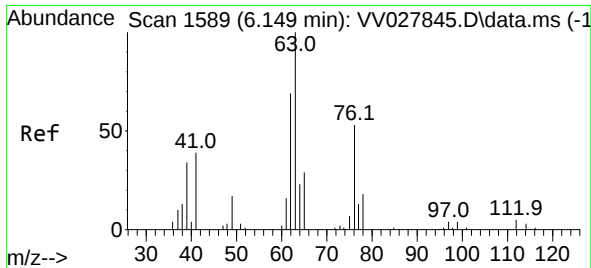
Ion Ratio Lower Upper

83 100

55 70.5 61.9 92.9

98 50.6 37.5 56.3

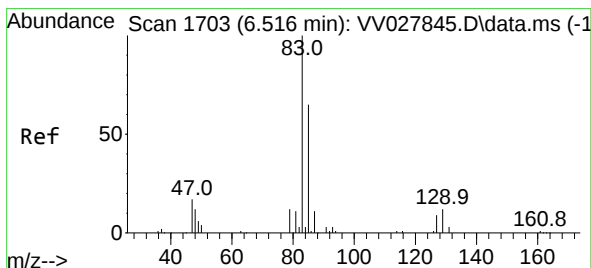
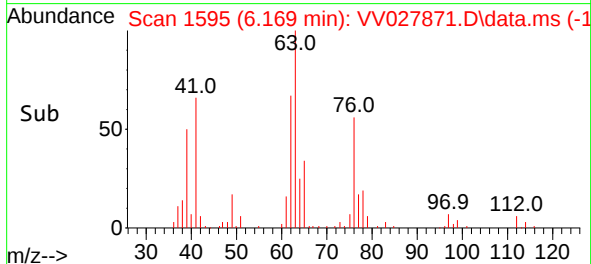
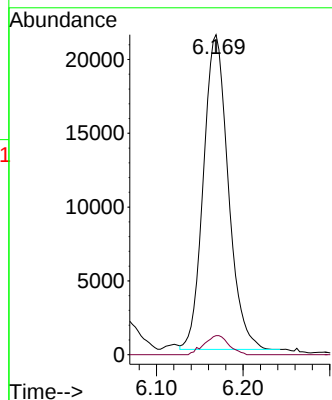
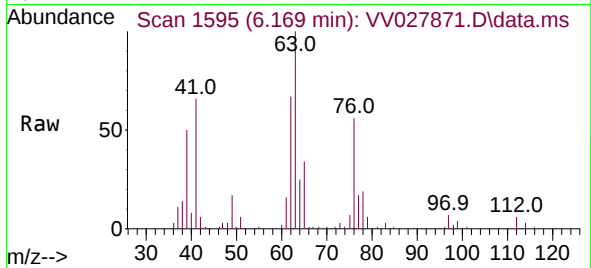




#37
1,2-Dichloropropane
Concen: 4.405 ug/L
RT: 6.169 min Scan# 11
Delta R.T. 0.019 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

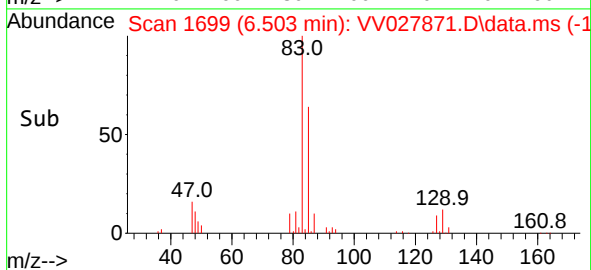
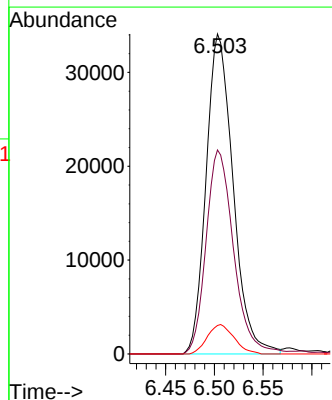
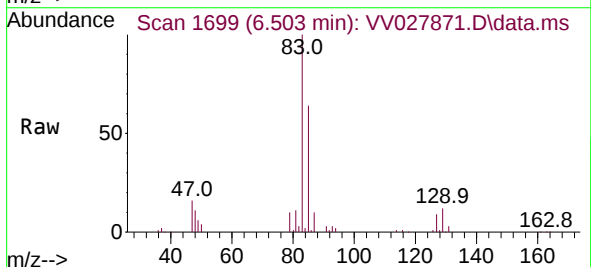
Instrument :
MSVOA_V
ClientSampleId :

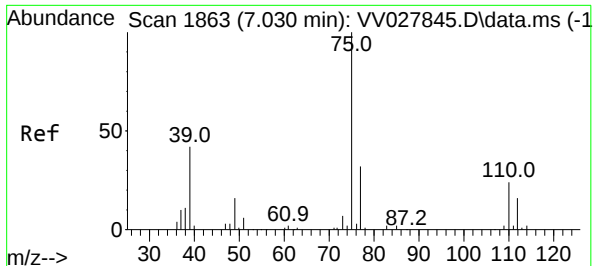
Tgt Ion: 63 Resp: 42543
Ion Ratio Lower Upper
63 100
112 6.0 4.0 6.0#



#38
Bromodichloromethane
Concen: 5.127 ug/L
RT: 6.503 min Scan# 1699
Delta R.T. -0.013 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

Tgt Ion: 83 Resp: 65666
Ion Ratio Lower Upper
83 100
85 63.7 43.3 80.3
127 8.9 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 5.165 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.006 min

Lab File: VV027871.D

Acq: 16 Sep 2022 10:11

Instrument :

MSVOA_V

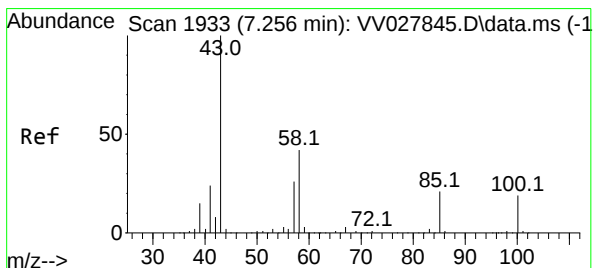
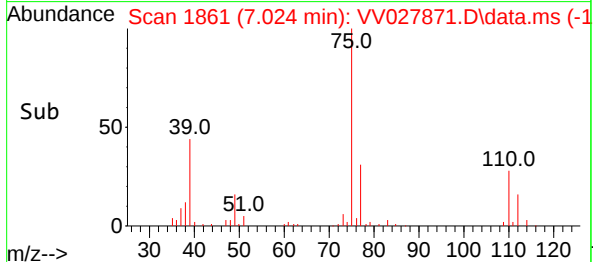
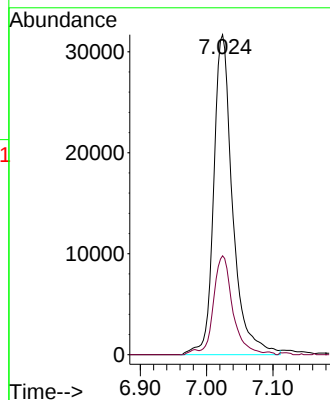
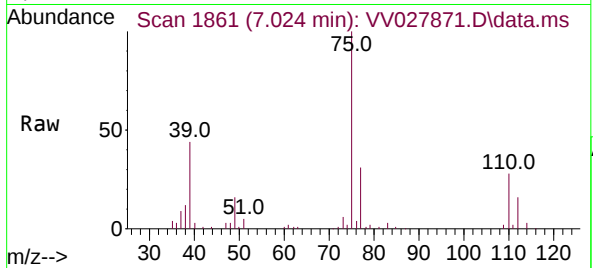
ClientSampleId :

Tgt Ion: 75 Resp: 62989

Ion Ratio Lower Upper

75 100

77 30.9 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 47.694 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.032 min

Lab File: VV027871.D

Acq: 16 Sep 2022 10:11

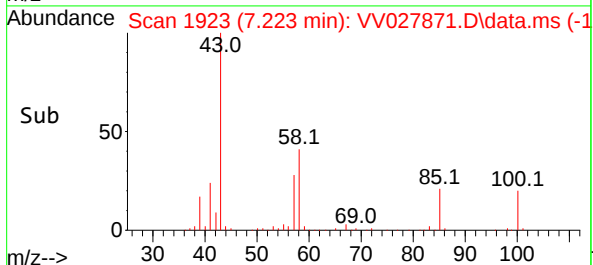
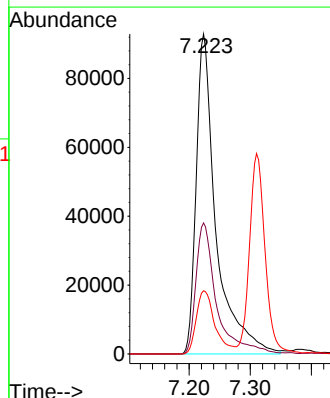
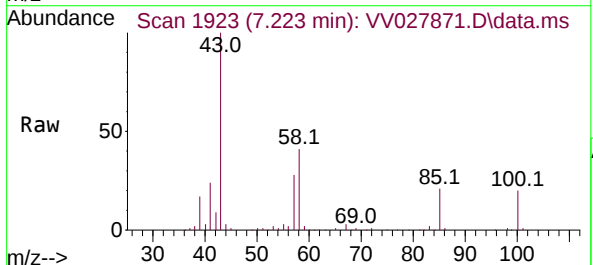
Tgt Ion: 43 Resp: 208802

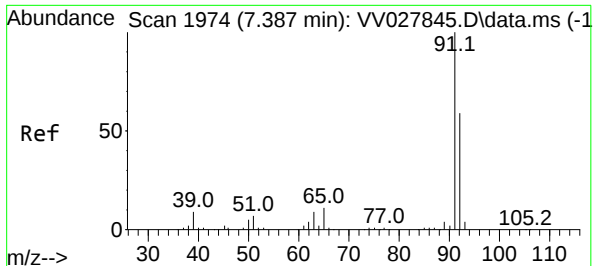
Ion Ratio Lower Upper

43 100

58 42.6 30.9 46.3

100 18.7 13.4 20.0





#42

Toluene

Concen: 5.588 ug/L

RT: 7.381 min Scan# 1974

Delta R.T. -0.006 min

Lab File: VV027871.D

Acq: 16 Sep 2022 10:11

Instrument :

MSVOA_V

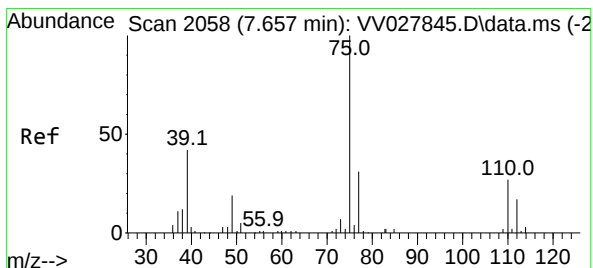
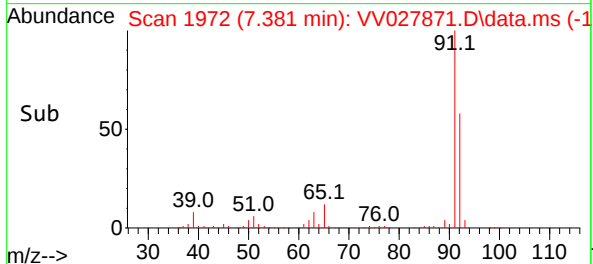
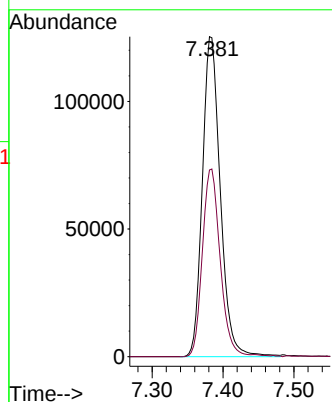
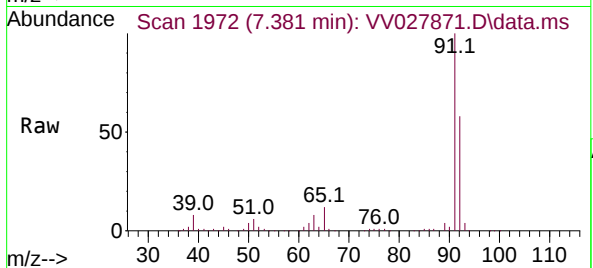
ClientSampleId :

Tgt Ion: 91 Resp: 220326

Ion Ratio Lower Upper

91 100

92 58.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.517 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.010 min

Lab File: VV027871.D

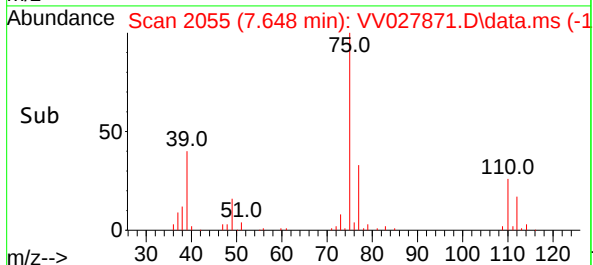
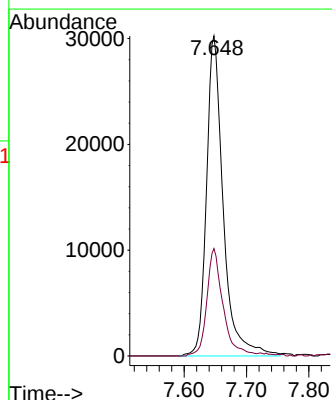
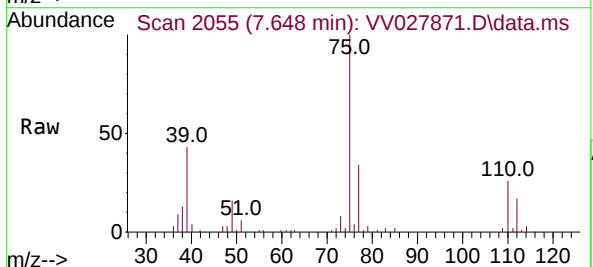
Acq: 16 Sep 2022 10:11

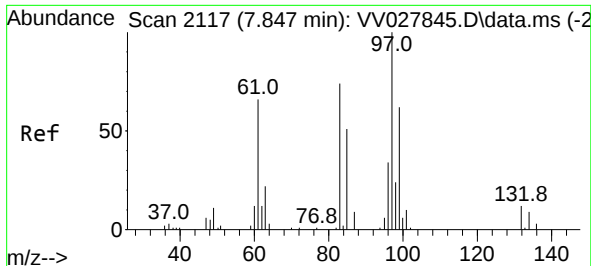
Tgt Ion: 75 Resp: 56462

Ion Ratio Lower Upper

75 100

77 33.6 22.6 42.0

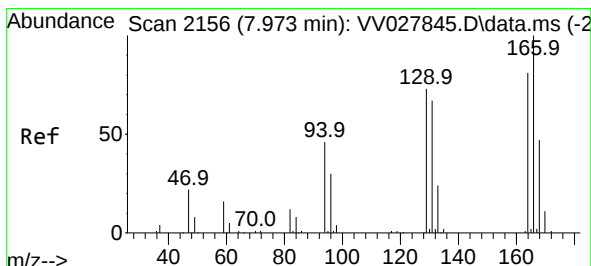
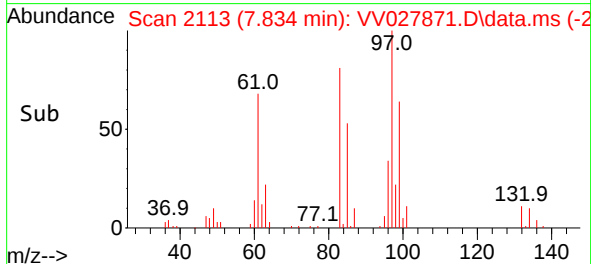
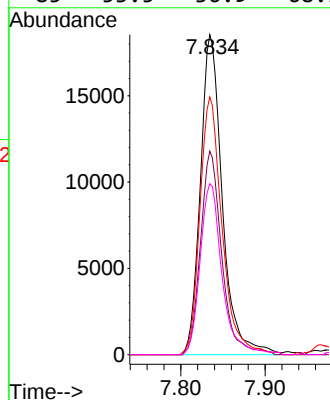
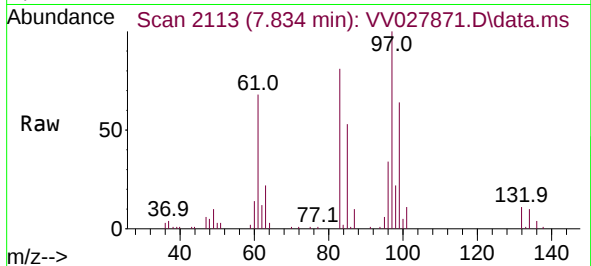




#45
1,1,2-Trichloroethane
Concen: 5.369 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.013 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

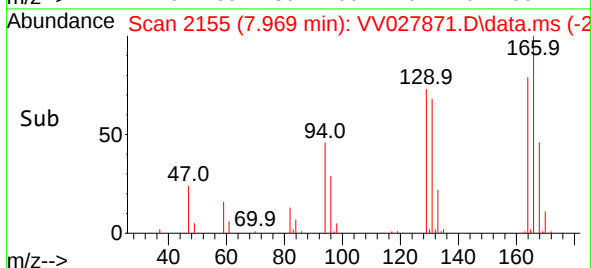
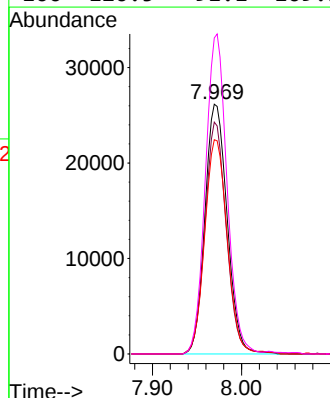
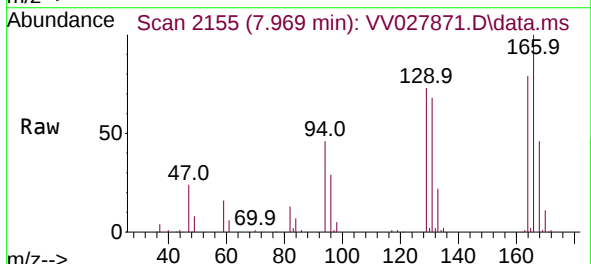
Instrument :
MSVOA_V
ClientSampleId :

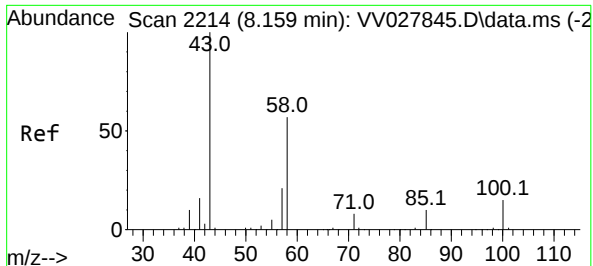
Tgt Ion:	97	Resp:	33601
Ion	Ratio	Lower	Upper
97	100		
99	63.6	44.2	82.0
83	80.5	60.3	112.1
85	53.5	36.9	68.5



#47
Tetrachloroethene
Concen: 5.548 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

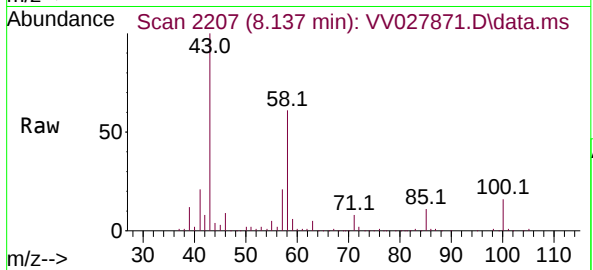
Tgt Ion:	164	Resp:	45355
Ion	Ratio	Lower	Upper
164	100		
129	92.8	67.2	124.8
131	85.8	61.5	114.3
166	126.5	91.1	169.3



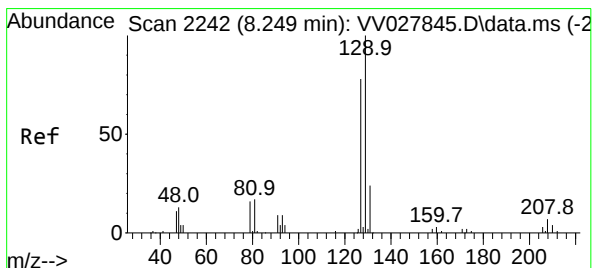
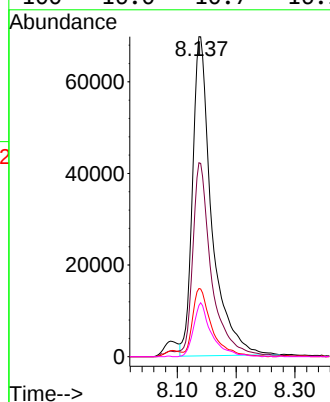
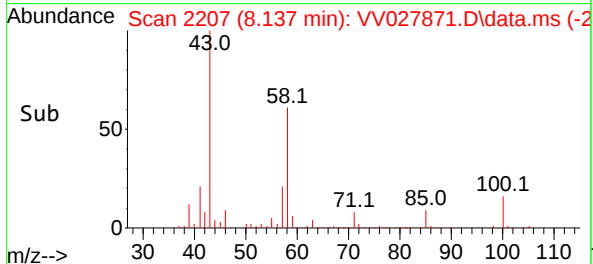


#48
2-Hexanone
Concen: 49.567 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.023 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

Instrument :
MSVOA_V
ClientSampleId :

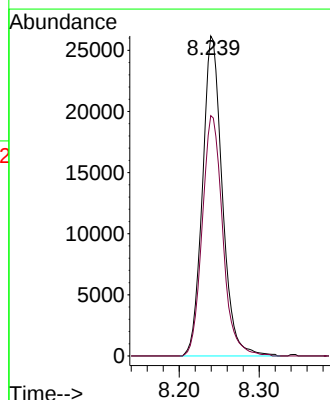
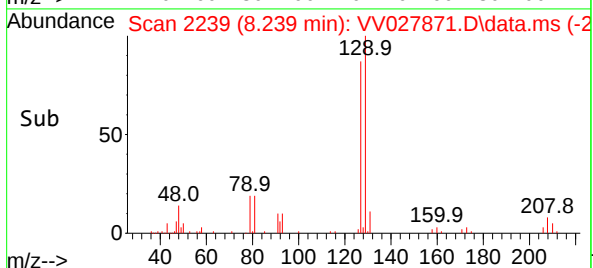
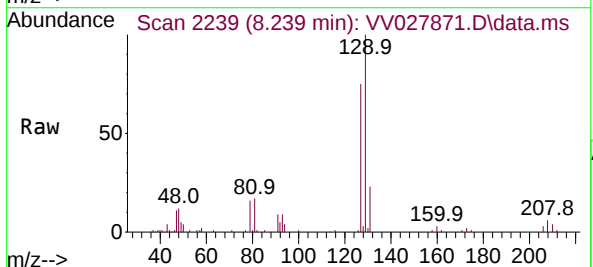


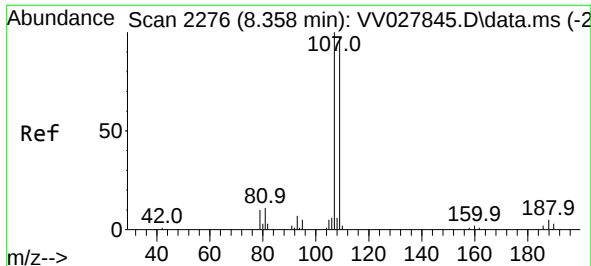
Tgt Ion: 43 Resp: 157760
Ion Ratio Lower Upper
43 100
58 57.8 43.2 64.8
57 21.4 15.6 23.4
100 16.0 10.7 16.1



#49
Dibromochloromethane
Concen: 5.690 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.010 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

Tgt Ion: 129 Resp: 45206
Ion Ratio Lower Upper
129 100
127 75.1 55.2 102.6





#50

1,2-Dibromoethane

Concen: 5.306 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.010 min

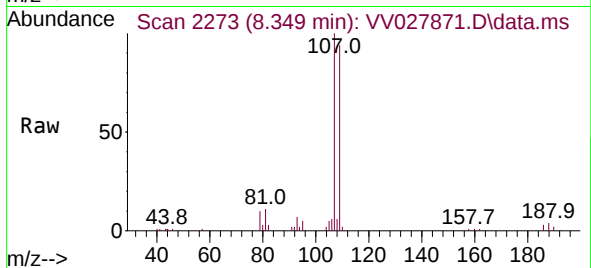
Lab File: VV027871.D

Acq: 16 Sep 2022 10:11

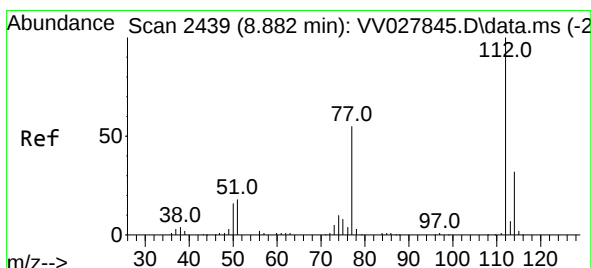
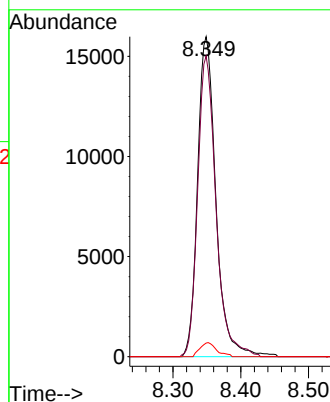
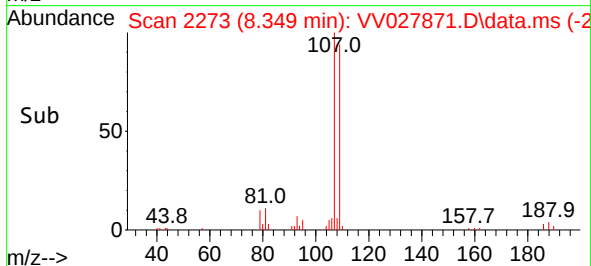
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	30027
Ion	Ratio	Lower	Upper
107	100		
109	94.0	65.9	122.5
188	4.3	3.1	4.7



#51

Chlorobenzene

Concen: 5.387 ug/L

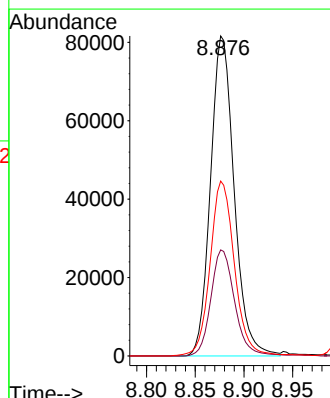
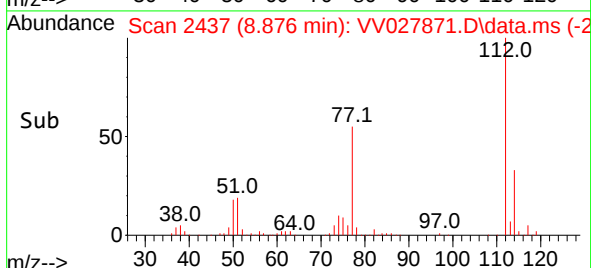
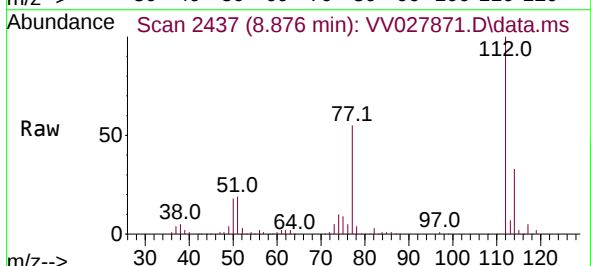
RT: 8.876 min Scan# 2437

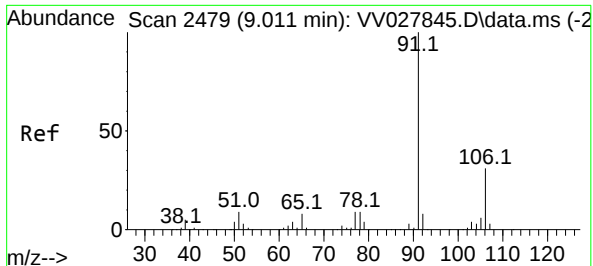
Delta R.T. -0.006 min

Lab File: VV027871.D

Acq: 16 Sep 2022 10:11

Tgt Ion:	112	Resp:	137822
Ion	Ratio	Lower	Upper
112	100		
114	33.2	21.7	40.3
77	54.6	45.3	67.9





#52

Ethylbenzene

Concen: 5.563 ug/L

RT: 9.008 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV027871.D

Acq: 16 Sep 2022 10:11

Instrument :

MSVOA_V

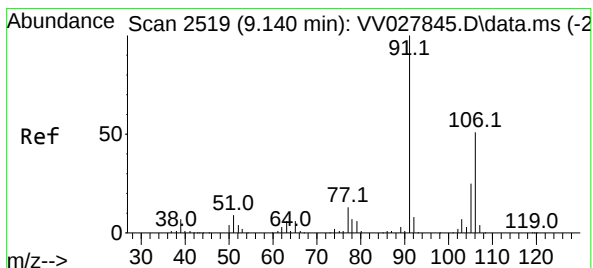
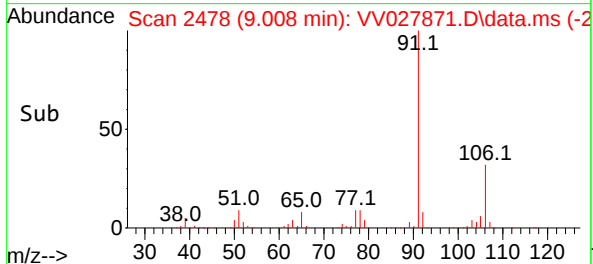
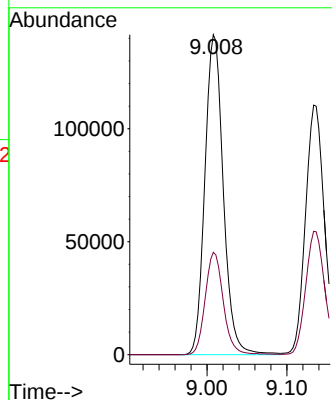
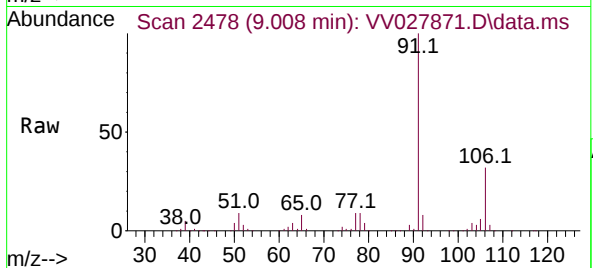
ClientSampleId :

Tgt Ion: 91 Resp: 227449

Ion Ratio Lower Upper

91 100

106 32.0 22.0 40.8



#53

m,p-Xylene

Concen: 5.728 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. -0.006 min

Lab File: VV027871.D

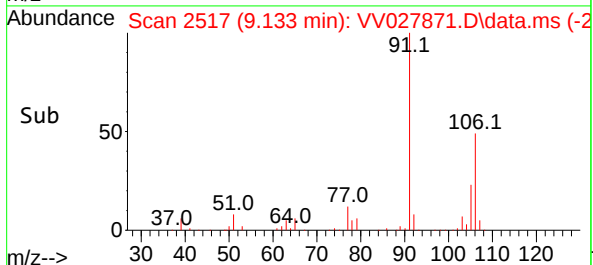
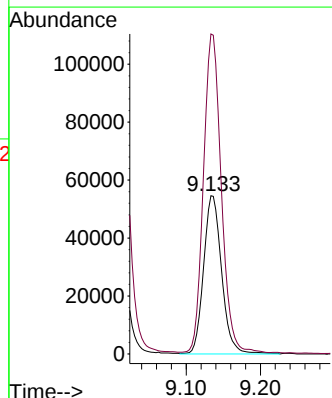
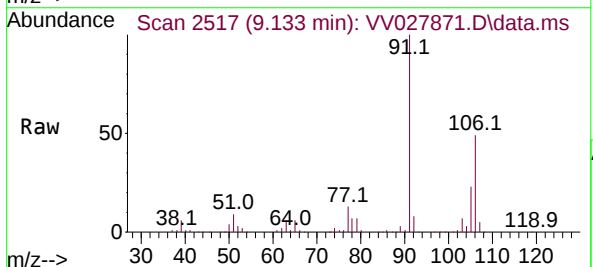
Acq: 16 Sep 2022 10:11

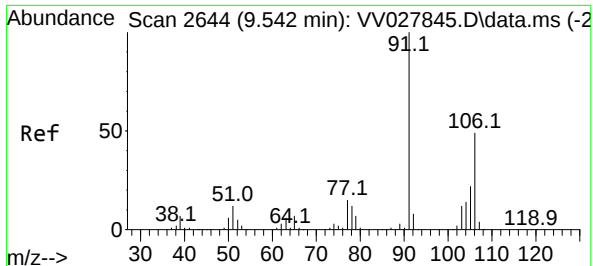
Tgt Ion: 106 Resp: 92136

Ion Ratio Lower Upper

106 100

91 202.3 142.4 264.4

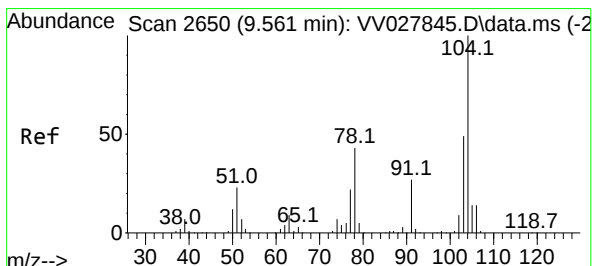
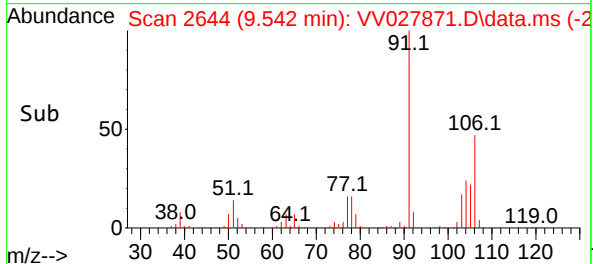
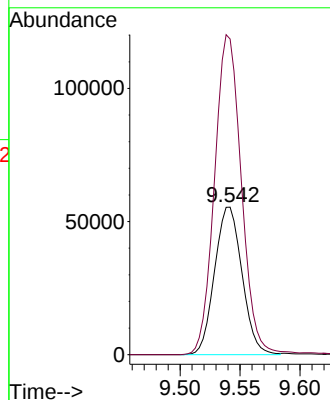
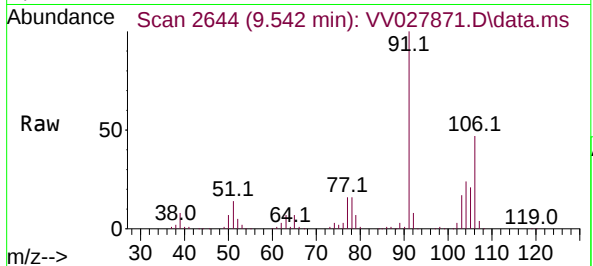




#54
o-Xylene
Concen: 5.743 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

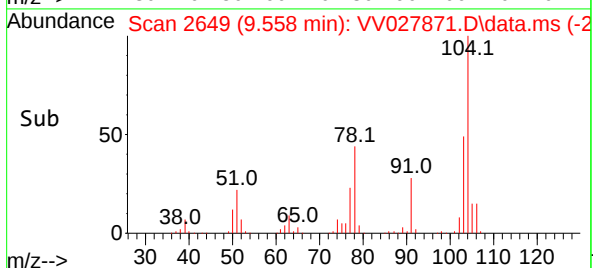
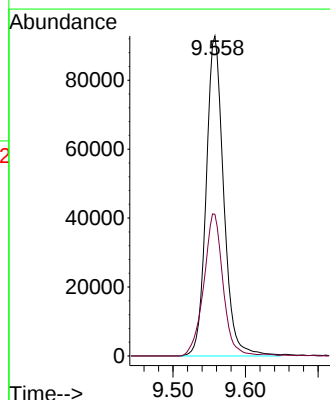
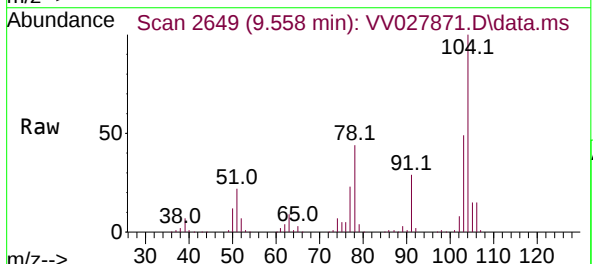
Instrument :
MSVOA_V
ClientSampleId :

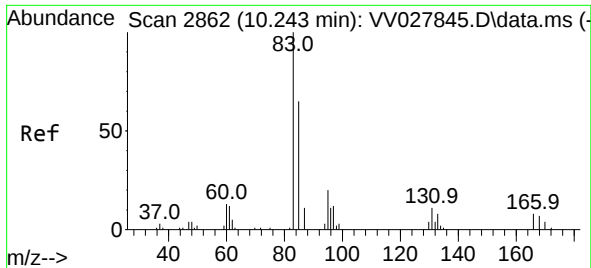
Tgt Ion:106 Resp: 88042
Ion Ratio Lower Upper
106 100
91 214.1 147.5 273.9



#55
Styrene
Concen: 5.876 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

Tgt Ion:104 Resp: 155800
Ion Ratio Lower Upper
104 100
78 44.3 31.7 58.9

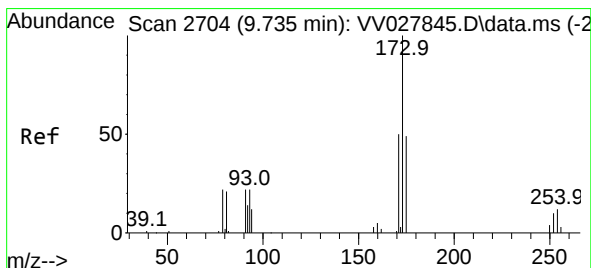
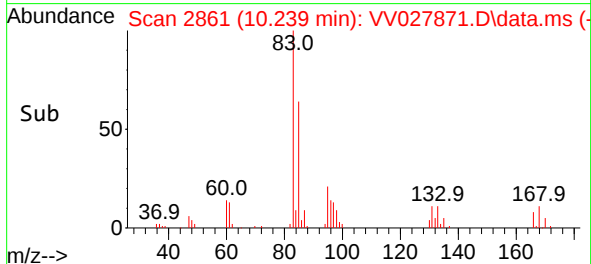
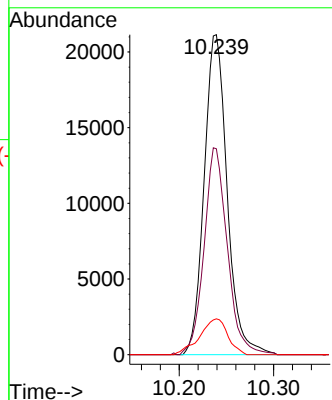
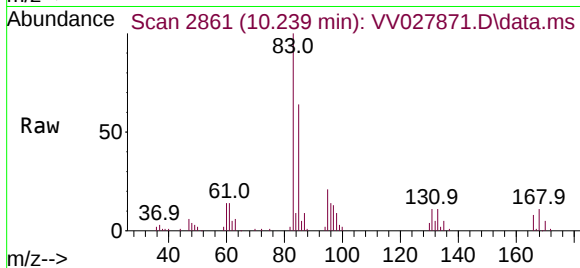




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.099 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.003 min
 Lab File: VV027871.D
 Acq: 16 Sep 2022 10:11

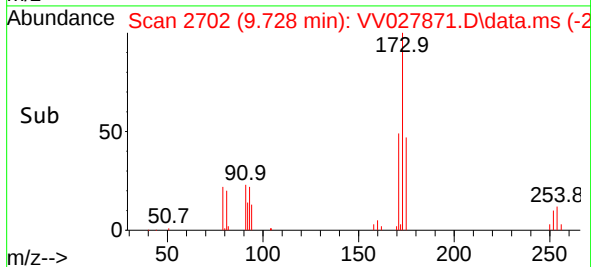
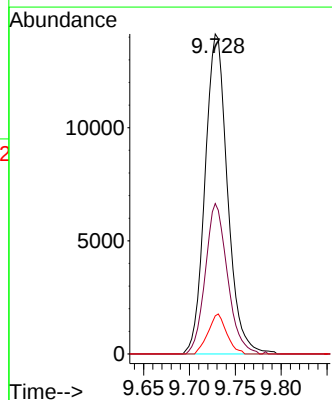
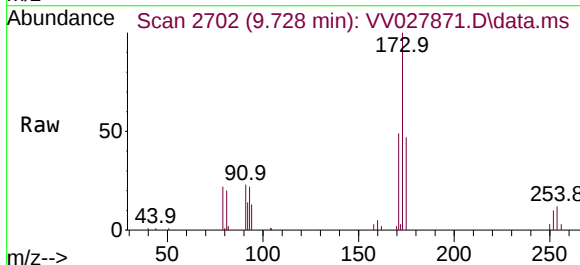
Instrument : MSVOA_V
 ClientSampleId :

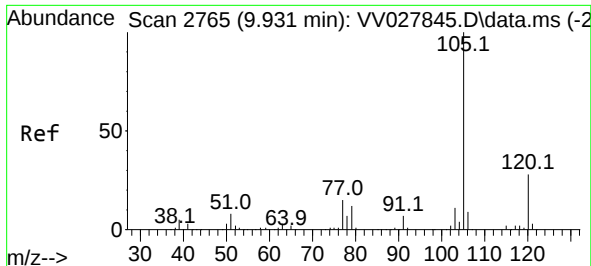
Tgt Ion:	83	Resp:	35766
Ion	Ratio	Lower	Upper
83	100		
85	64.4	44.7	83.1
131	11.2	8.5	12.7



#59
 Bromoform
 Concen: 5.518 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.006 min
 Lab File: VV027871.D
 Acq: 16 Sep 2022 10:11

Tgt Ion:	173	Resp:	24082
Ion	Ratio	Lower	Upper
173	100		
175	46.4	38.4	57.6
254	10.3	6.8	10.2

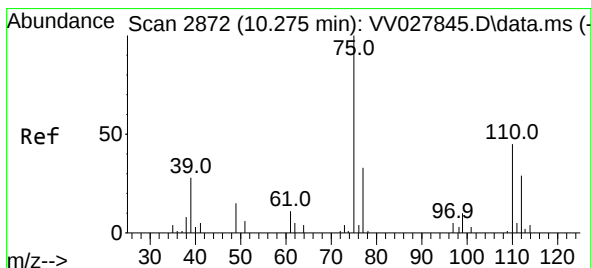
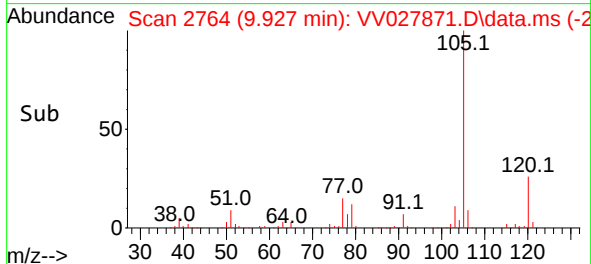
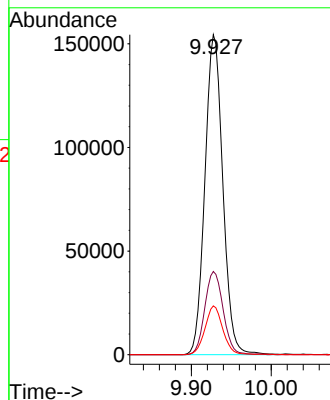
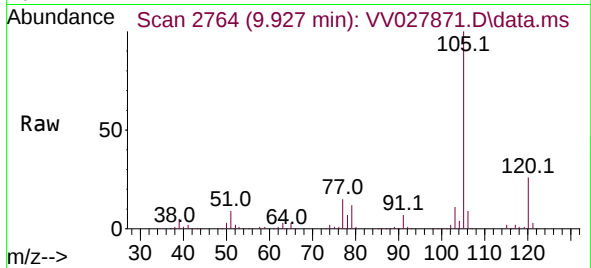




#60
Isopropylbenzene
Concen: 5.343 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

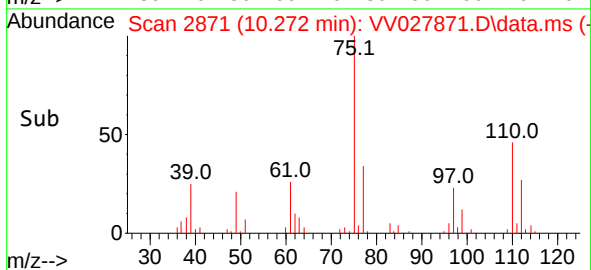
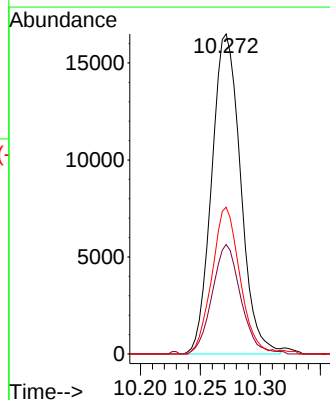
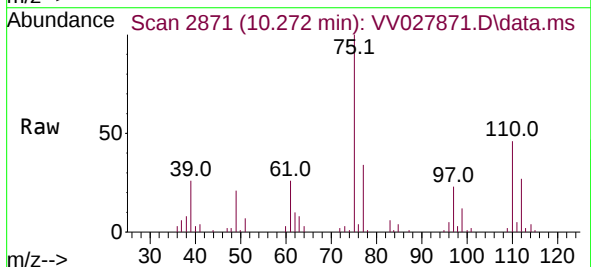
Instrument :
MSVOA_V
ClientSampleId :

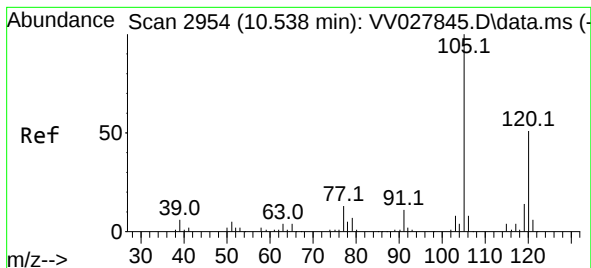
Tgt Ion:105 Resp: 241022
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 15.1 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.842 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

Tgt Ion: 75 Resp: 27644
Ion Ratio Lower Upper
75 100
77 33.8 27.6 41.4
110 44.9 35.6 53.4





#62

1,3,5-Trimethylbenzene

Concen: 5.487 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV027871.D

Acq: 16 Sep 2022 10:11

Instrument :

MSVOA_V

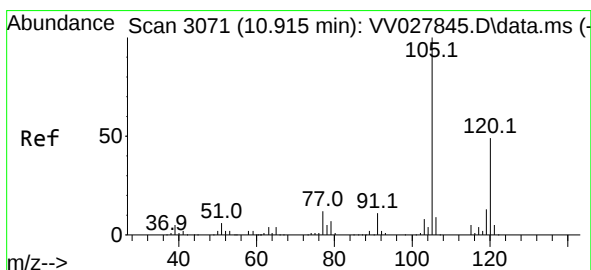
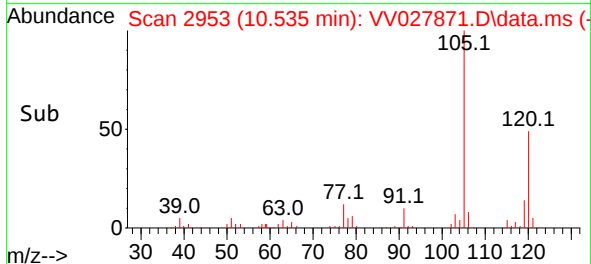
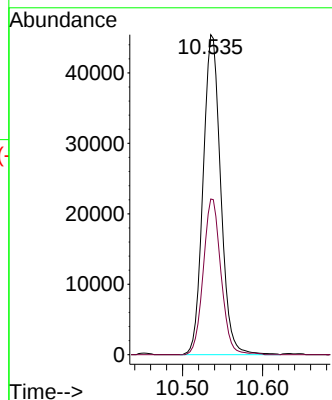
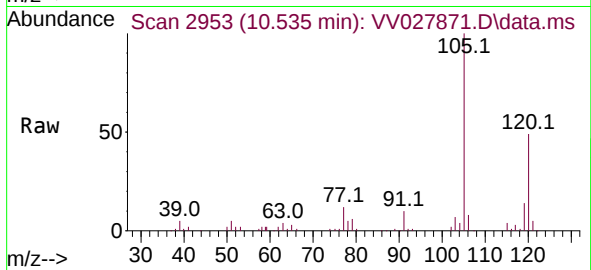
ClientSampleId :

Tgt Ion:105 Resp: 69698

Ion Ratio Lower Upper

105 100

120 49.0 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 5.297 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV027871.D

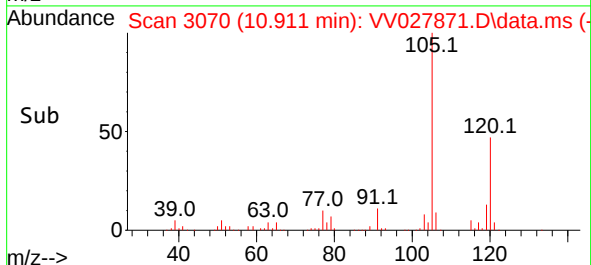
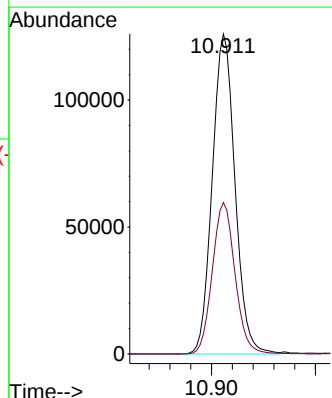
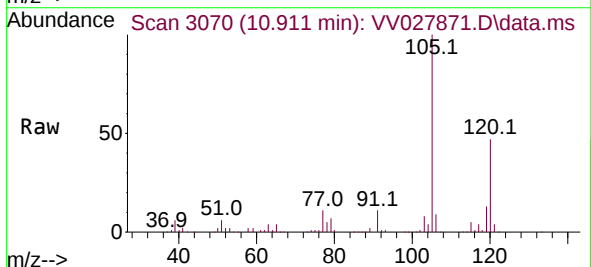
Acq: 16 Sep 2022 10:11

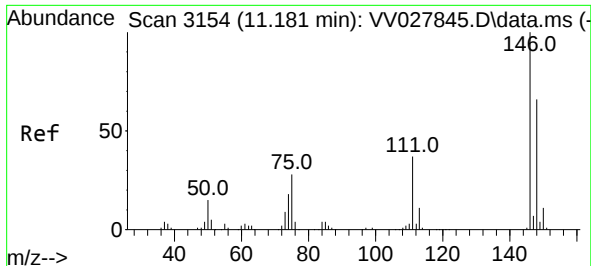
Tgt Ion:105 Resp: 191268

Ion Ratio Lower Upper

105 100

120 47.3 37.4 56.0

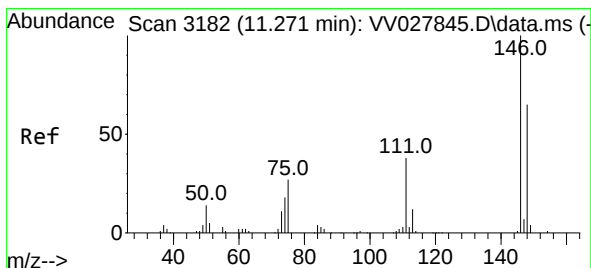
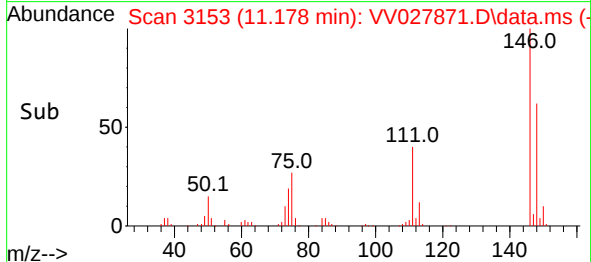
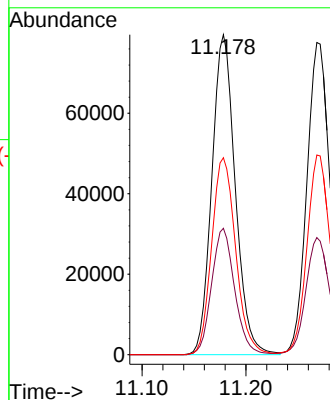
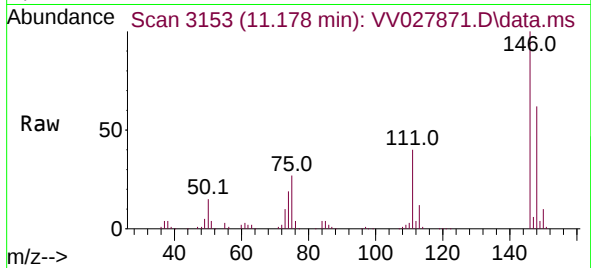




#64
1,3-Dichlorobenzene
Concen: 5.455 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

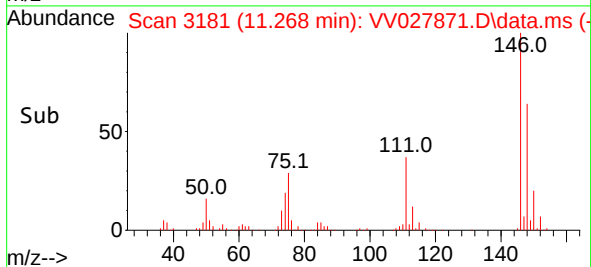
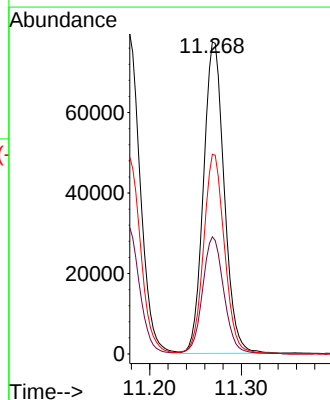
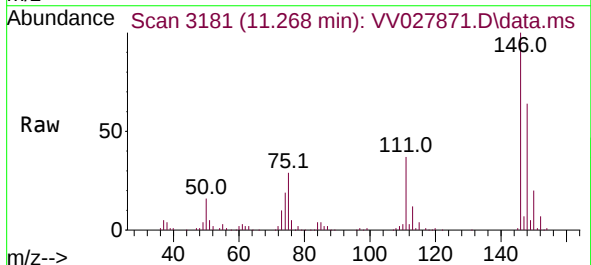
Instrument :
MSVOA_V
ClientSampleId :

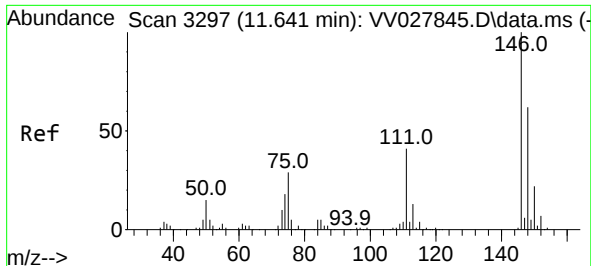
Tgt Ion:146 Resp: 124594
Ion Ratio Lower Upper
146 100
111 39.5 27.9 51.9
148 61.6 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 5.287 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

Tgt Ion:146 Resp: 121681
Ion Ratio Lower Upper
146 100
111 37.5 26.5 49.3
148 63.9 42.8 79.4

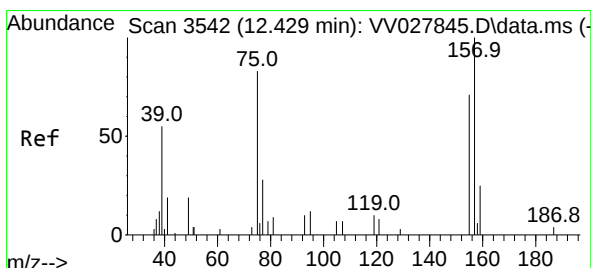
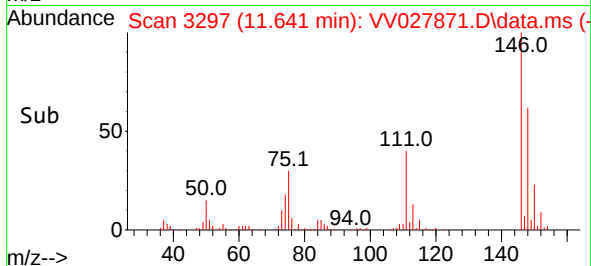
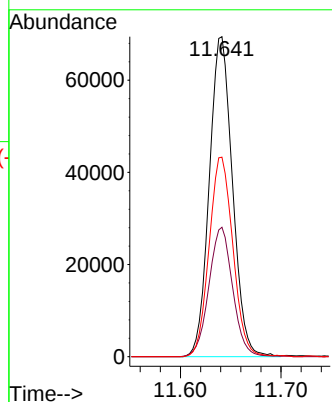
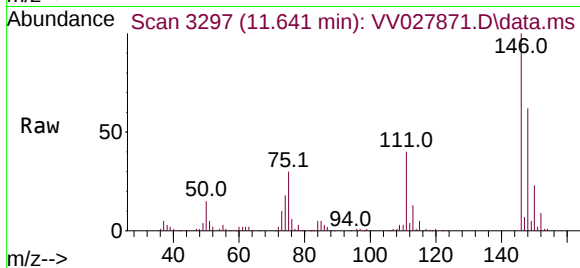




#67
1,2-Dichlorobenzene
Concen: 5.366 ug/L
RT: 11.641 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

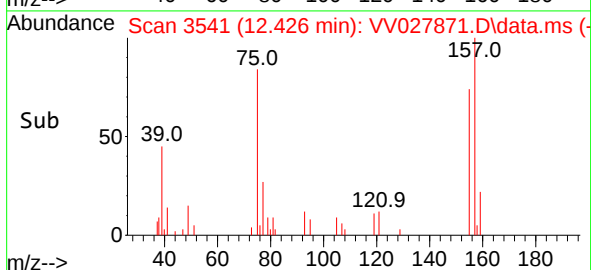
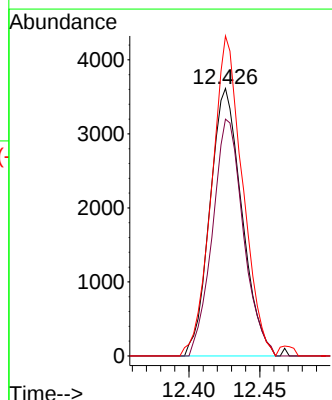
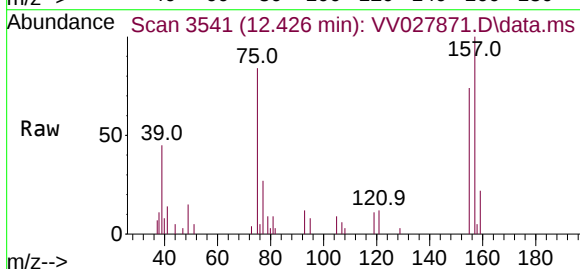
Instrument :
MSVOA_V
ClientSampleId :

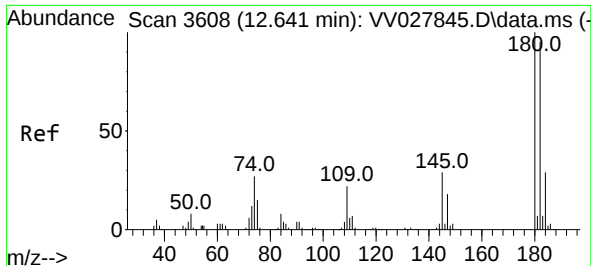
Tgt Ion:146 Resp: 111284
Ion Ratio Lower Upper
146 100
111 40.4 33.1 49.7
148 62.3 49.8 74.6



#68
1,2-Dibromo-3-chloropropane
Concen: 4.628 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

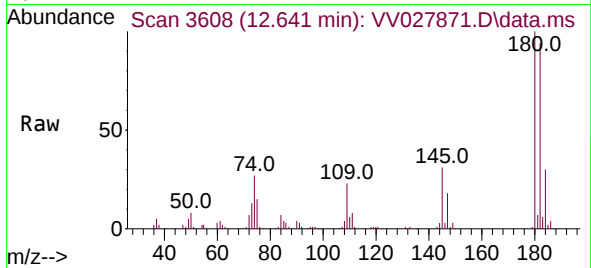
Tgt Ion: 75 Resp: 5672
Ion Ratio Lower Upper
75 100
155 88.5 71.9 107.9
157 119.7 95.1 142.7



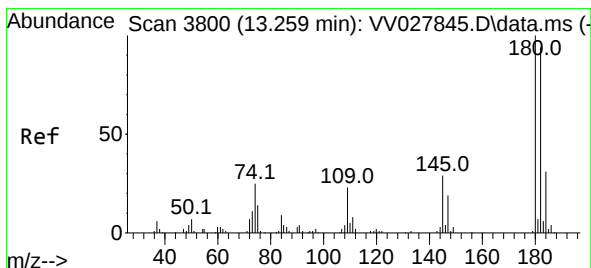
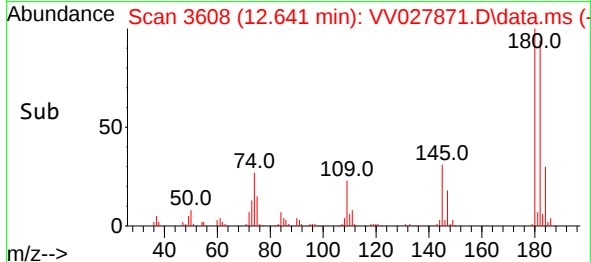
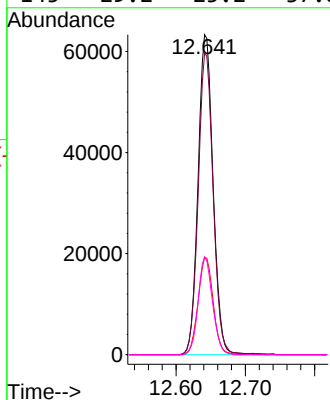


#69
1,3,5-Trichlorobenzene
Concen: 5.518 ug/L
RT: 12.641 min Scan# 3608
Delta R.T. 0.000 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

Instrument :
MSVOA_V
ClientSampleId :

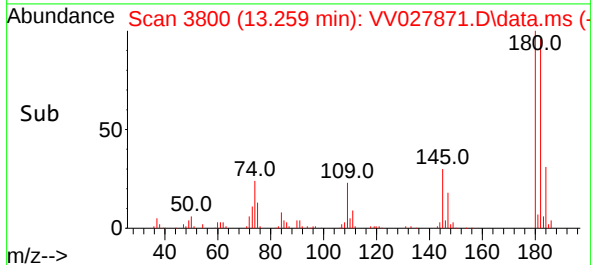
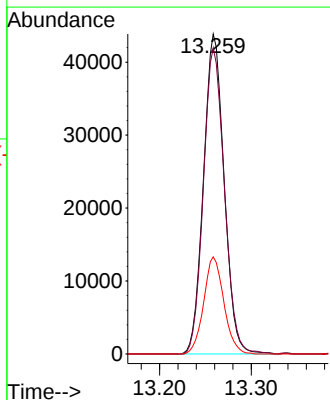
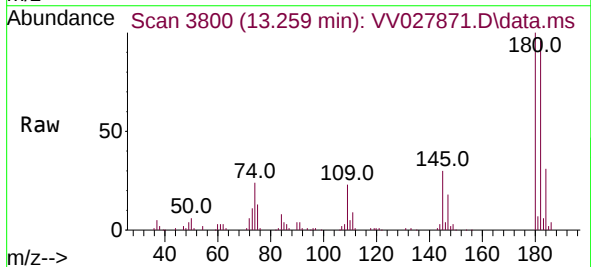


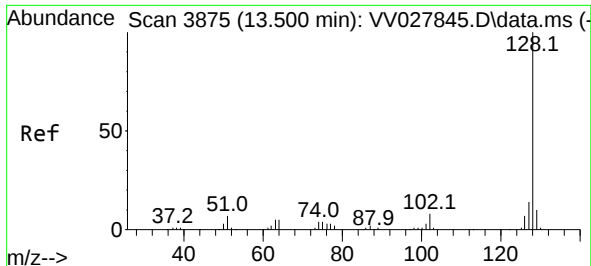
Tgt Ion:180 Resp: 95475
Ion Ratio Lower Upper
180 100
182 93.6 75.8 113.8
184 30.4 23.8 35.6
145 29.2 25.2 37.8



#70
1,2,4-trichlorobenzene
Concen: 5.019 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

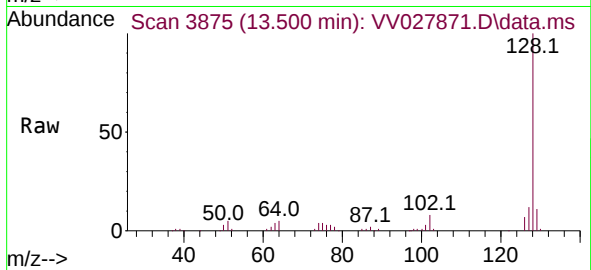
Tgt Ion:180 Resp: 68666
Ion Ratio Lower Upper
180 100
182 96.8 76.6 114.8
145 29.5 24.6 37.0



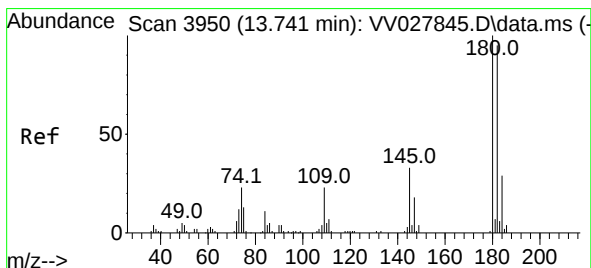
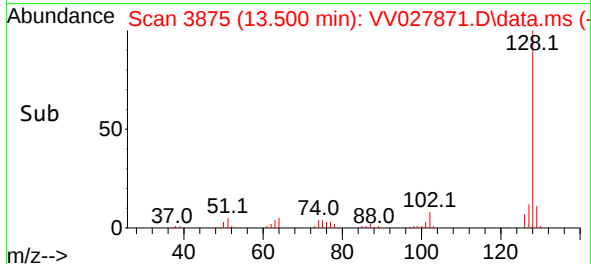
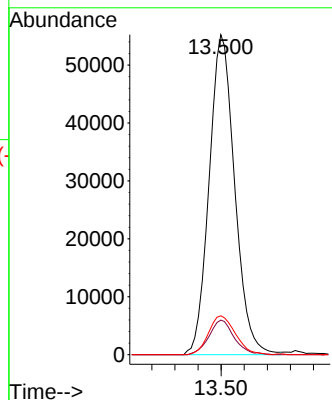


#71
Naphthalene
Concen: 3.955 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 84998
Ion Ratio Lower Upper
128 100
129 10.6 9.2 13.8
127 12.8 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.912 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027871.D
Acq: 16 Sep 2022 10:11

Tgt Ion:180 Resp: 59870
Ion Ratio Lower Upper
180 100
182 94.0 76.5 114.7
145 31.4 26.5 39.7

