

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091722\
 Data File : VW027898.D
 Acq On : 17 Sep 2022 13:50
 Operator : SY/MD
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 02:03:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 17 15:50:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	387519	5.000	ug/L	# 0.02
28) Chlorobenzene-d5	8.850	117	366223	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	195488	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	14954	0.483	ug/L	0.01
7) Chloroethane-d5	1.568	69	10976	0.502	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	21561	0.443	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	8.800%#
20) 2-Butanone-d5	3.918	46	19721	4.020	ug/L	-0.02
24) Chloroform-d	4.349	84	27888	0.489	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	14572	0.510	ug/L	0.01
32) Benzene-d6	5.047	84	50354	0.499	ug/L	0.02
36) 1,2-Dichloropropane-d6	6.076	67	13397	0.508	ug/L	0.03
41) Toluene-d8	7.317	98	44675	0.478	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	4860	0.430	ug/L	0.00
46) 2-Hexanone-d5	8.095	63	15495	4.136	ug/L	-0.02
56) 1,1,2,2-Tetrachloroeth...	10.214	84	9736	0.533	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	18452	0.539	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	12679	0.408	ug/L	99
3) Chloromethane	1.240	50	10472	0.426	ug/L	95
5) Vinyl chloride	1.311	62	12313	0.443	ug/L	99
6) Bromomethane	1.523	94	6346	0.423	ug/L	100
8) Chloroethane	1.584	64	7184	0.453	ug/L	93
9) Trichlorofluoromethane	1.754	101	18074	0.390	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	8322	0.374	ug/L	89
12) 1,1-Dichloroethene	2.118	96	8545	0.402	ug/L	80
14) Carbon disulfide	2.294	76	17321	0.338	ug/L	98
15) Methyl Acetate	2.455	43	1971	0.265	ug/L	# 75
16) Methylene chloride	2.503	84	11142	0.406	ug/L	80
17) Methyl tert-butyl Ether	2.767	73	21706	0.397	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	9730	0.407	ug/L	82
19) 1,1-Dichloroethane	3.191	63	19100	0.426	ug/L	97
21) 2-Butanone	4.018	43	15231	3.449	ug/L	85
22) cis-1,2-Dichloroethene	3.912	96	11405	0.424	ug/L	# 82
23) Bromochloromethane	4.256	128	5689	0.462	ug/L	# 74
25) Chloroform	4.375	83	23343	0.434	ug/L	100
27) 1,2-Dichloroethane	5.137	62	12364	0.407	ug/L	96
29) 1,1,1-Trichloroethane	4.606	97	21695	0.453	ug/L	96
30) Cyclohexane	4.674	56	11730	0.399	ug/L	# 89
31) Carbon tetrachloride	4.825	117	18727	0.441	ug/L	98
33) Benzene	5.101	78	40462	0.424	ug/L	100
34) Trichloroethene	5.918	95	11190	0.434	ug/L	89
35) Methylcyclohexane	6.127	83	14368	0.402	ug/L	89
37) 1,2-Dichloropropane	6.175	63	9496	0.442	ug/L	# 94
38) Bromodichloromethane	6.510	83	14736	0.439	ug/L	# 95
39) cis-1,3-Dichloropropene	7.034	75	13604	0.421	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	41277	3.952	ug/L	# 92
42) Toluene	7.387	91	42560	0.406	ug/L	100
44) trans-1,3-Dichloropropene	7.658	75	11611	0.406	ug/L	94

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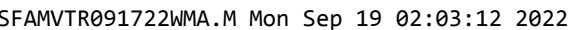
Quant Time: Sep 19 02:03:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
 Quant Title : TRACE VOA SFAM1.0
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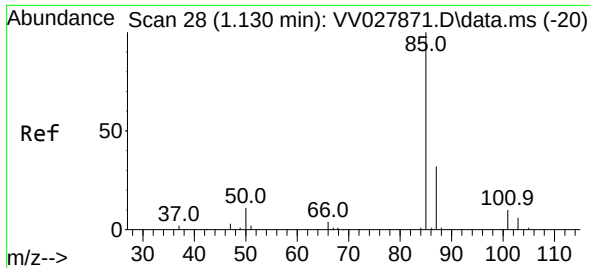
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.841	97	7063	0.423	ug/L	96
47) Tetrachloroethene	7.976	164	9189	0.426	ug/L	96
49) Dibromochloromethane	8.243	129	9294	0.424	ug/L	100
50) 1,2-Dibromoethane	8.355	107	6487	0.433	ug/L #	95
51) Chlorobenzene	8.879	112	31561	0.440	ug/L	97
52) Ethylbenzene	9.011	91	47081	0.413	ug/L	95
53) m,p-Xylene	9.140	106	18497	0.409	ug/L	91
54) o-Xylene	9.542	106	17821	0.406	ug/L	98
55) Styrene	9.561	104	29838	0.393	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	7547	0.440	ug/L	94
59) Bromoform	9.731	173	5396	0.466	ug/L	97
60) Isopropylbenzene	9.931	105	45594	0.400	ug/L	97
61) 1,2,3-Trichloropropane	10.275	75	6487	0.483	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	13634	0.408	ug/L	95
63) 1,2,4-Trimethylbenzene	10.911	105	36539	0.389	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	25024	0.432	ug/L	95
65) 1,4-Dichlorobenzene	11.268	146	26638	0.454	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	1266	0.442	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	19303	0.411	ug/L	97
70) 1,2,4-trichlorobenzene	13.259	180	15351	0.415	ug/L	98
71) Naphthalene	13.503	128	22751	0.443	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	13202	0.420	ug/L	96

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

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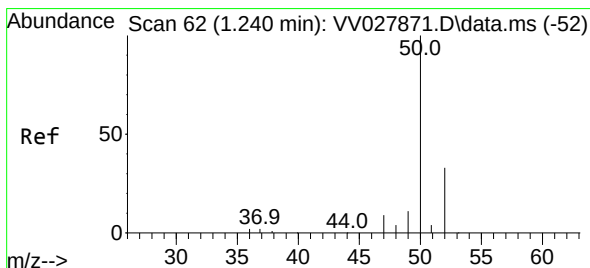
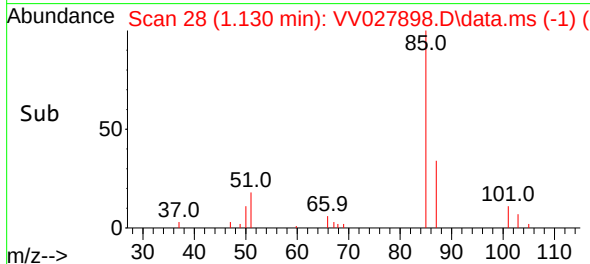
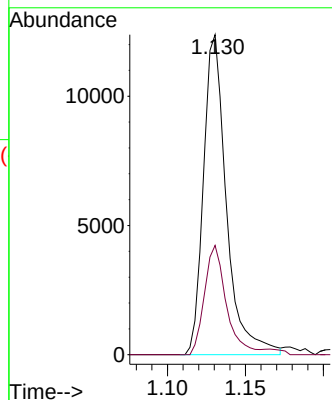
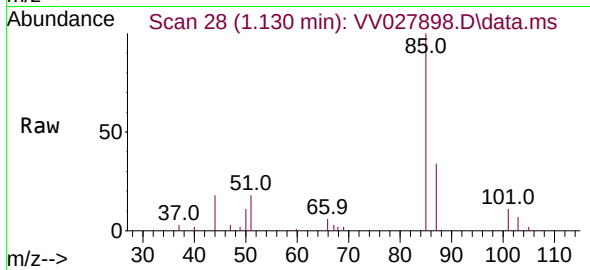




#2
 Dichlorodifluoromethane
 Concen: 0.408 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.007 min
 Lab File: VV027898.D
 Acq: 17 Sep 2022 13:50

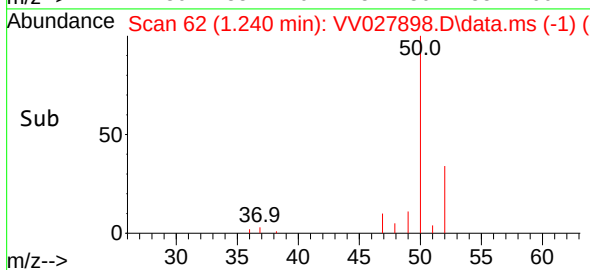
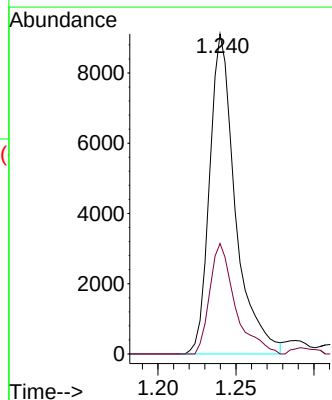
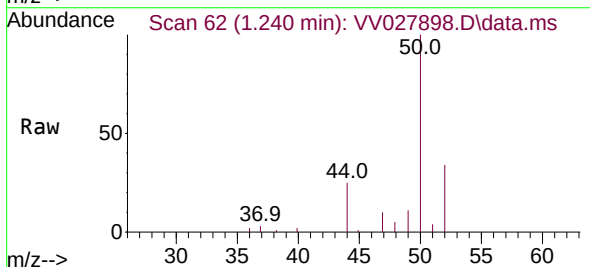
Instrument :
 MSVOA_V
 ClientSampleId :

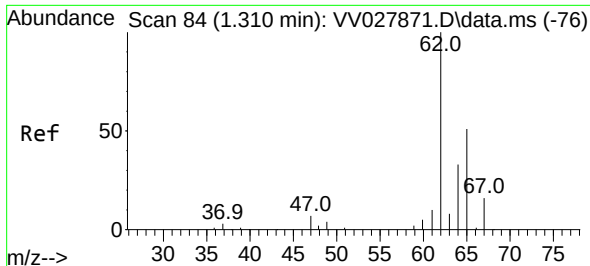
Tgt Ion: 85 Resp: 12679
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.4 38.0



#3
 Chloromethane
 Concen: 0.426 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.010 min
 Lab File: VV027898.D
 Acq: 17 Sep 2022 13:50

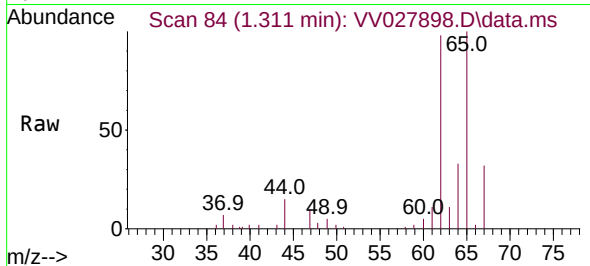
Tgt Ion: 50 Resp: 10472
 Ion Ratio Lower Upper
 50 100
 52 34.5 22.1 41.1



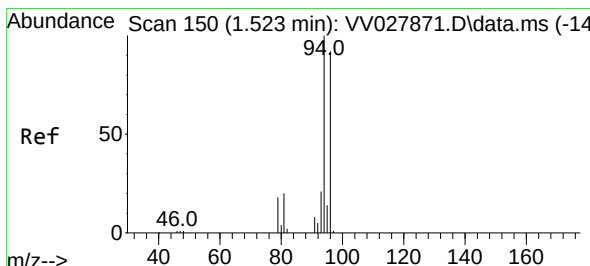
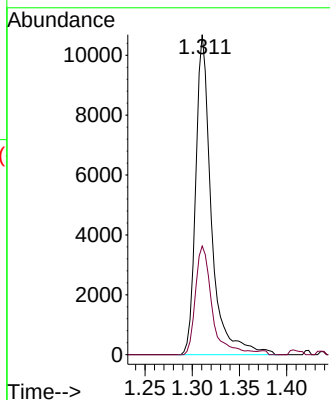
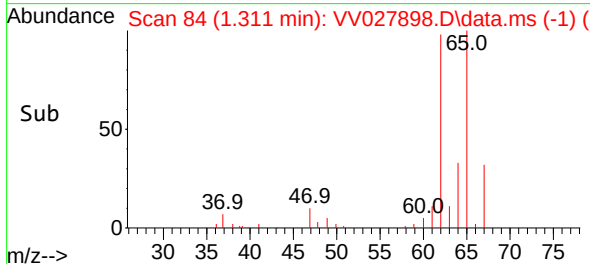


#5
 Vinyl chloride
 Concen: 0.443 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.010 min
 Lab File: VV027898.D
 Acq: 17 Sep 2022 13:50

Instrument :
 MSVOA_V
 ClientSampleId :

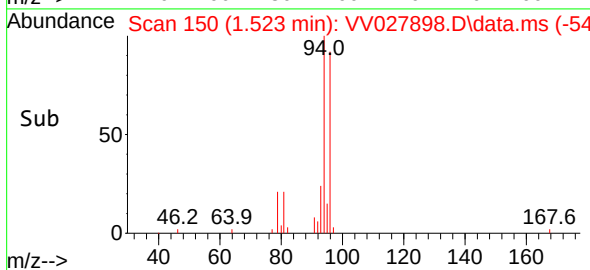
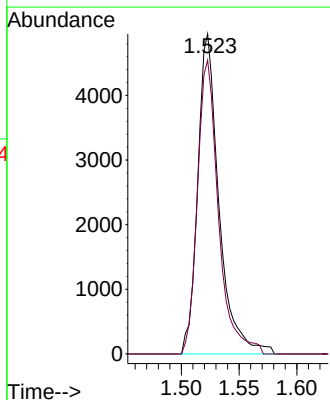
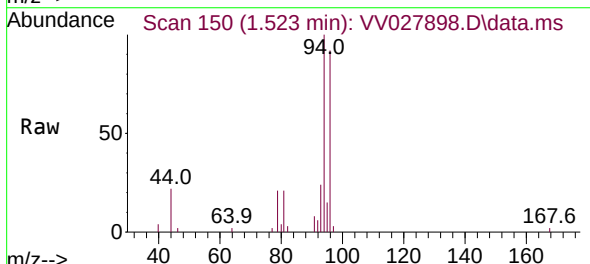


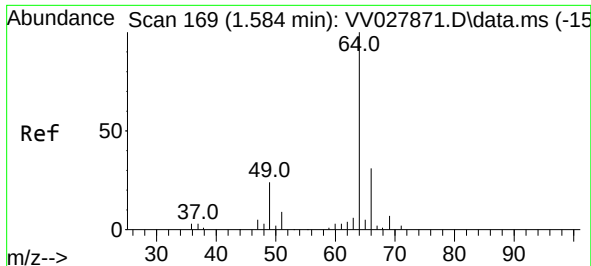
Tgt Ion: 62 Resp: 12313
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.2 43.2



#6
 Bromomethane
 Concen: 0.423 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.010 min
 Lab File: VV027898.D
 Acq: 17 Sep 2022 13:50

Tgt Ion: 94 Resp: 6346
 Ion Ratio Lower Upper
 94 100
 96 91.8 64.2 119.2

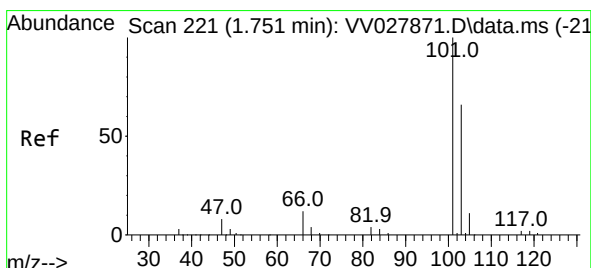
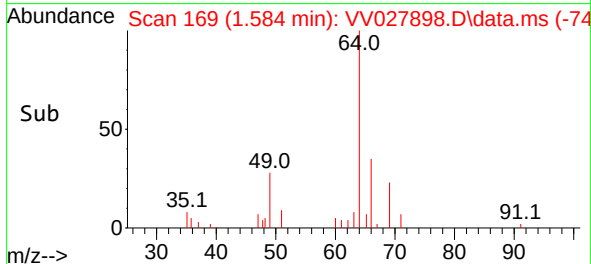
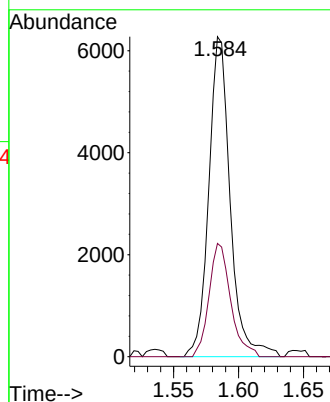
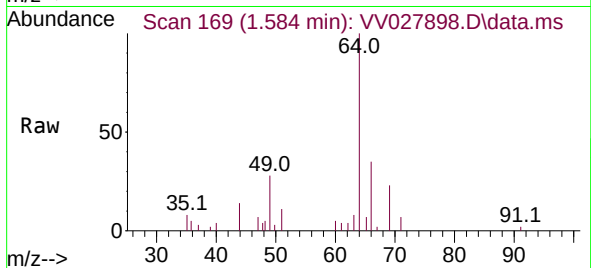




#8
Chloroethane
Concen: 0.453 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.007 min
Lab File: VV027898.D
Acq: 17 Sep 2022 13:50

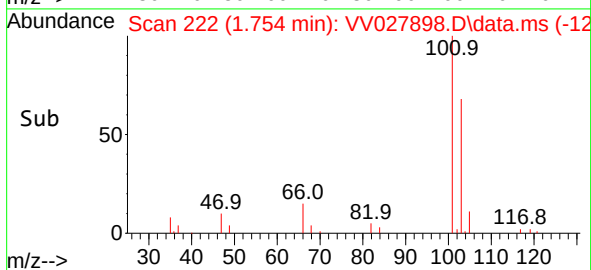
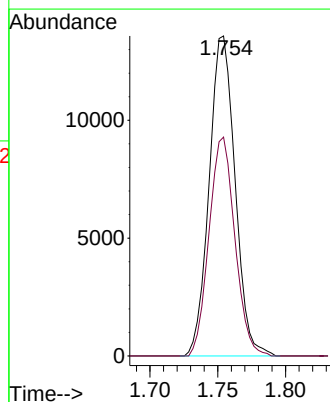
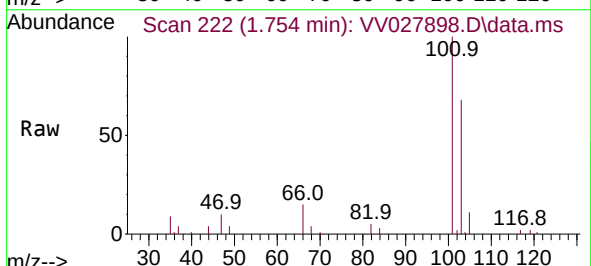
Instrument :
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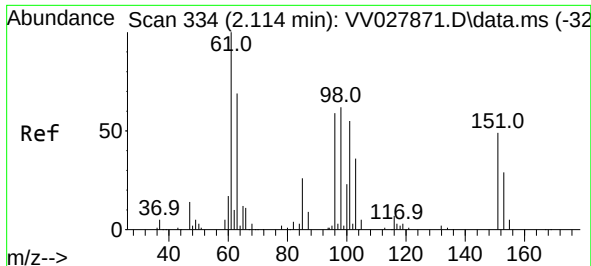
Tgt Ion: 64 Resp: 7184
Ion Ratio Lower Upper
64 100
66 35.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 0.390 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.013 min
Lab File: VV027898.D
Acq: 17 Sep 2022 13:50

Tgt Ion:101 Resp: 18074
Ion Ratio Lower Upper
101 100
103 68.1 52.3 78.5

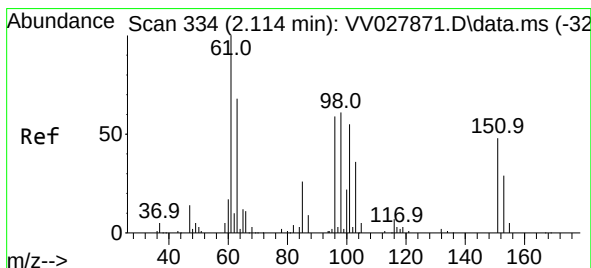
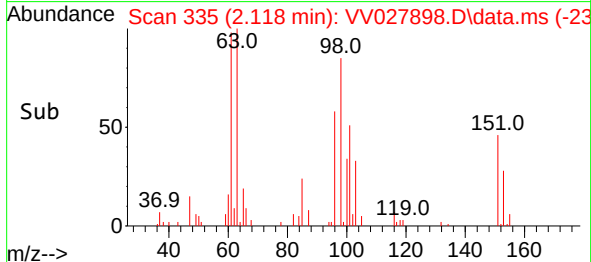
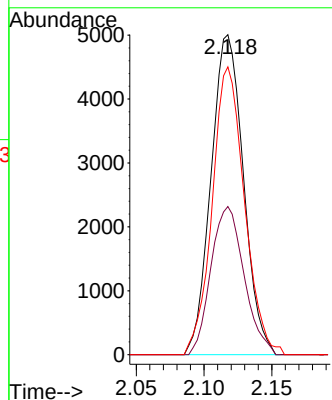
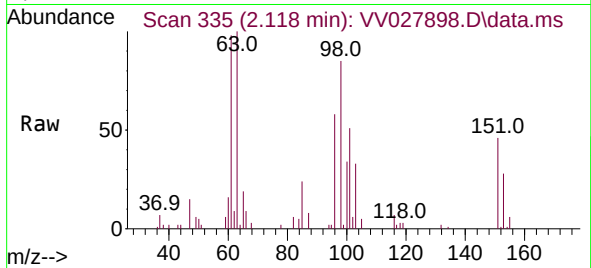




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.374 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.013 min
Lab File: VV027898.D
Acq: 17 Sep 2022 13:50

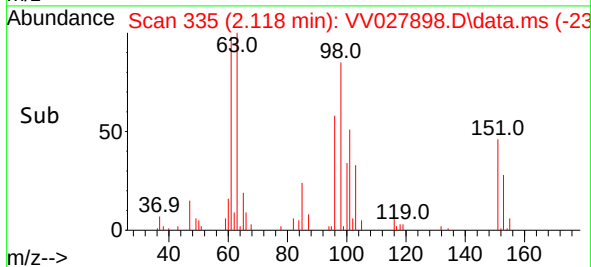
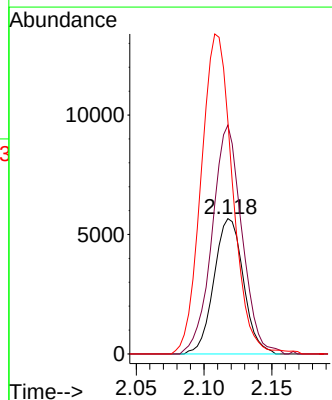
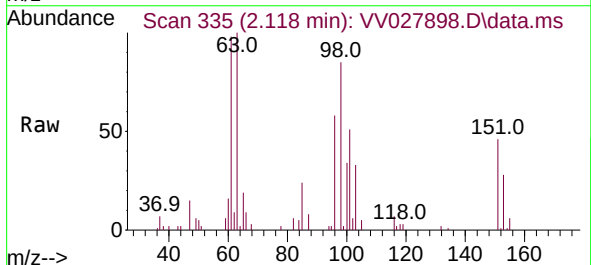
Instrument :
MSVOA_V
ClientSampleId :

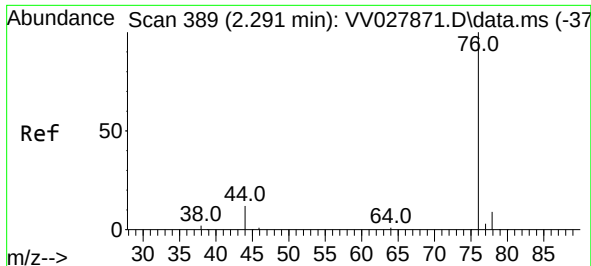
Tgt Ion:101 Resp: 8322
Ion Ratio Lower Upper
101 100
85 47.4 35.8 53.8
151 89.4 61.2 91.8



#12
1,1-Dichloroethene
Concen: 0.402 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.010 min
Lab File: VV027898.D
Acq: 17 Sep 2022 13:50

Tgt Ion: 96 Resp: 8545
Ion Ratio Lower Upper
96 100
61 169.1 129.9 241.3
63 172.0 94.6 175.8

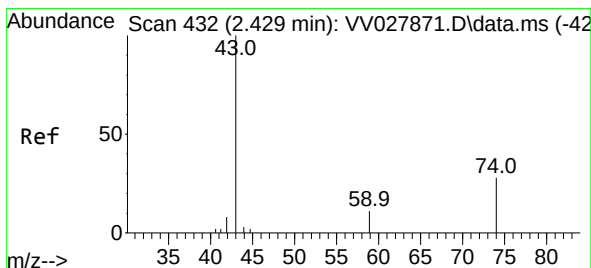
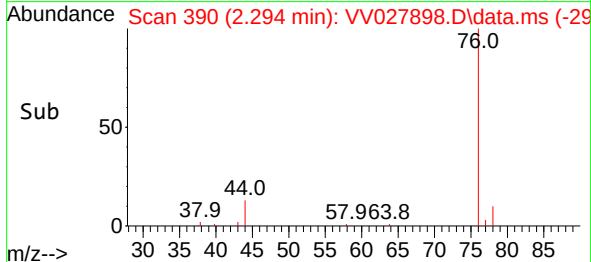
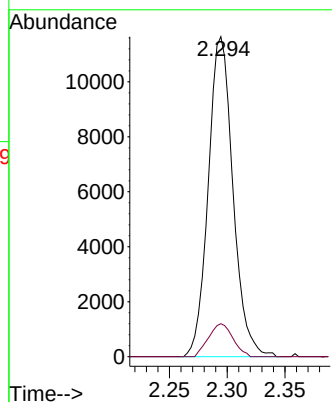
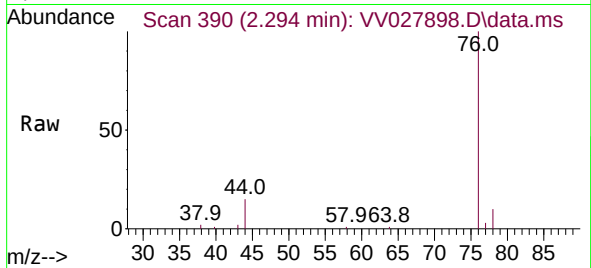




#14
Carbon disulfide
Concen: 0.338 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.013 min
Lab File: VV027898.D
Acq: 17 Sep 2022 13:50

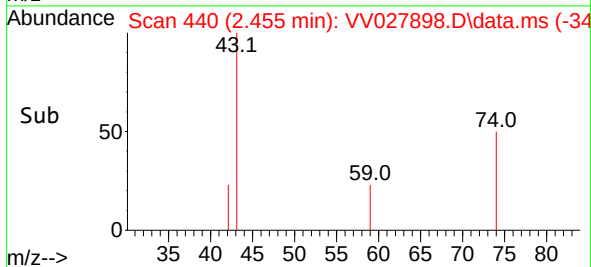
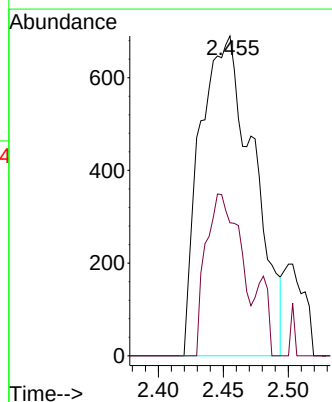
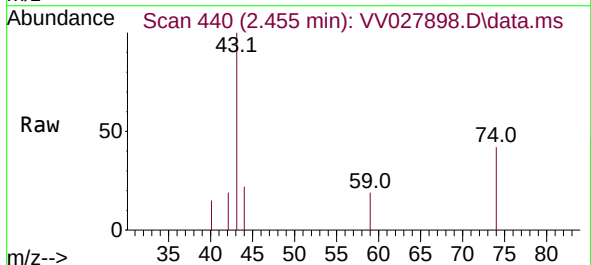
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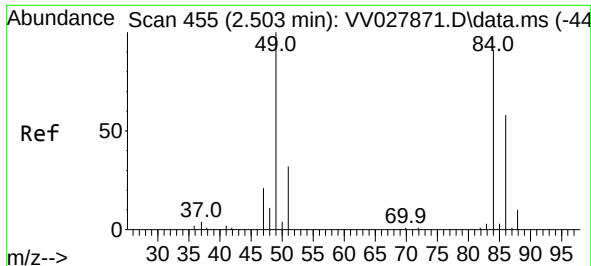
Tgt Ion: 76 Resp: 17321
Ion Ratio Lower Upper
76 100
78 10.3 7.7 11.5



#15
Methyl Acetate
Concen: 0.265 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.007 min
Lab File: VV027898.D
Acq: 17 Sep 2022 13:50

Tgt Ion: 43 Resp: 1971
Ion Ratio Lower Upper
43 100
74 32.4 16.6 25.0#

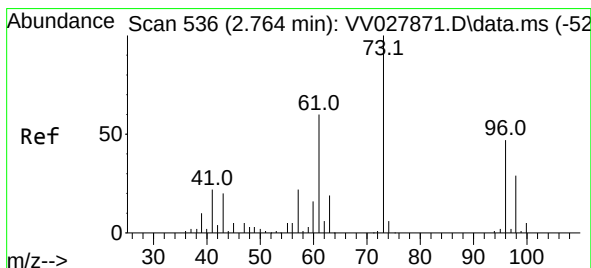
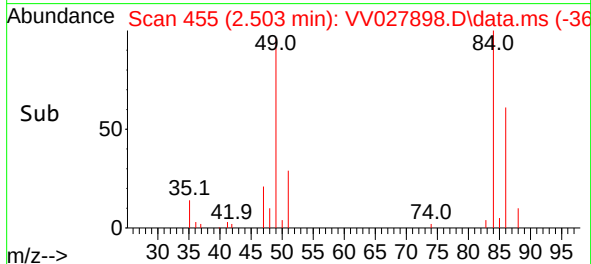
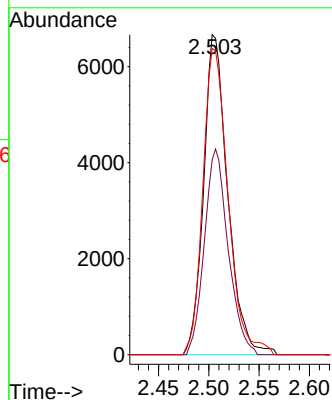
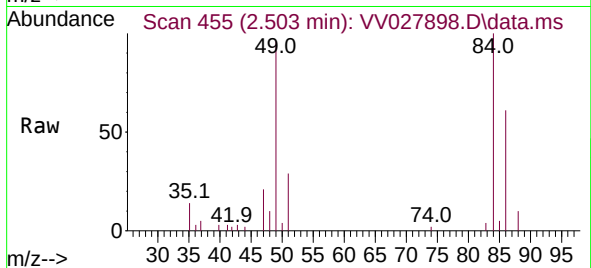




#16
Methylene chloride
Concen: 0.406 ug/L
RT: 2.503 min Scan# 411
Delta R.T. 0.007 min
Lab File: VV027898.D
Acq: 17 Sep 2022 13:50

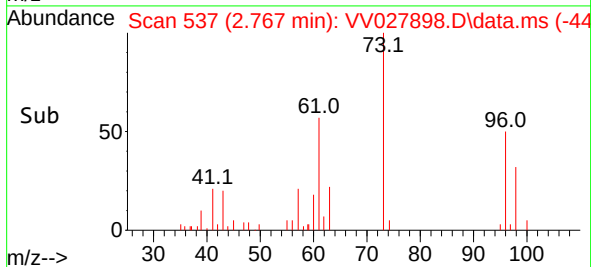
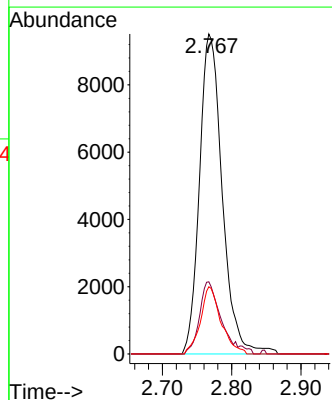
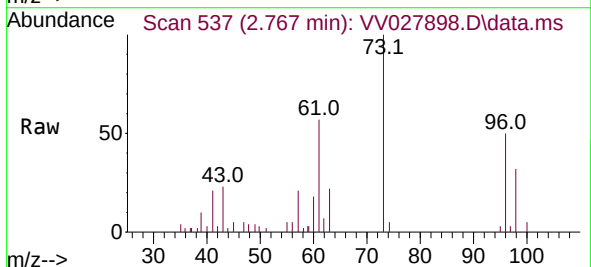
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ClientSampleId :

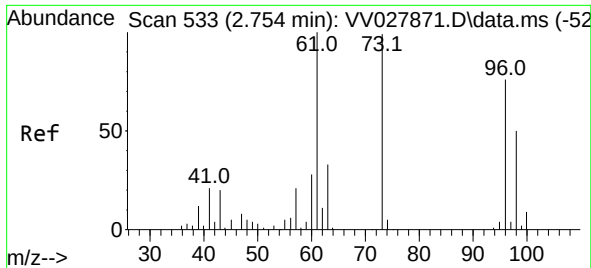
Tgt Ion: 84 Resp: 11142
Ion Ratio Lower Upper
84 100
86 60.9 44.9 83.3
49 95.7 90.1 167.3



#17
Methyl tert-butyl Ether
Concen: 0.397 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.013 min
Lab File: VV027898.D
Acq: 17 Sep 2022 13:50

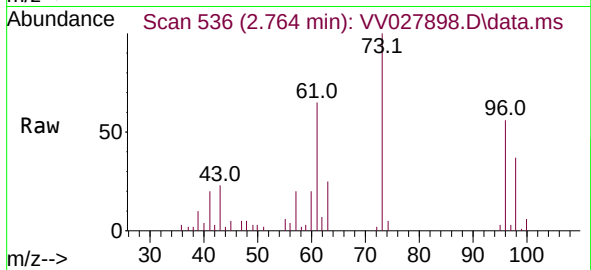
Tgt Ion: 73 Resp: 21706
Ion Ratio Lower Upper
73 100
43 21.6 17.5 26.3
57 18.9 16.9 25.3





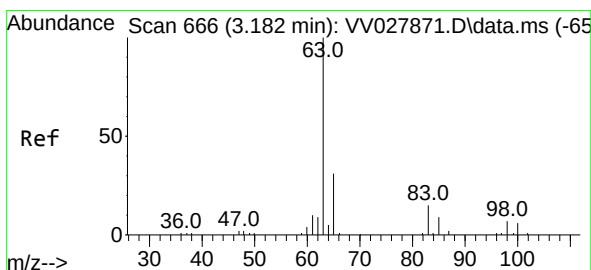
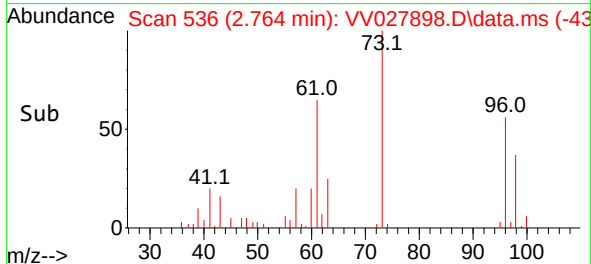
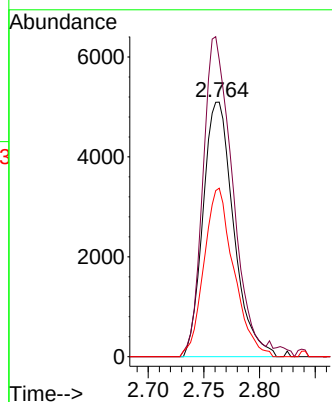
#18
 trans-1,2-Dichloroethene
 Concen: 0.407 ug/L
 RT: 2.764 min Scan# 513
 Delta R.T. 0.013 min
 Lab File: VV027898.D
 Acq: 17 Sep 2022 13:50

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 9730

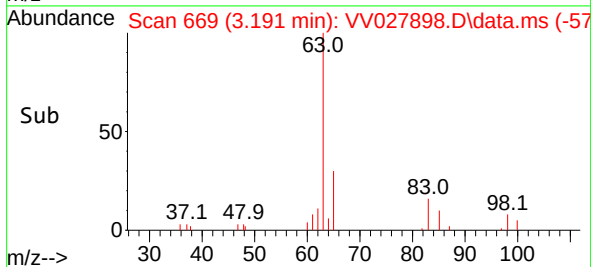
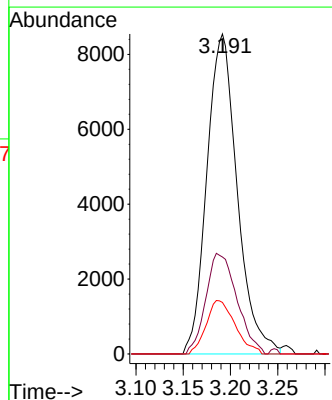
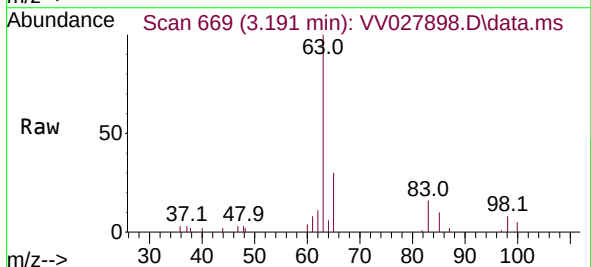
Ion	Ratio	Lower	Upper
96	100		
61	116.6	102.6	190.5
98	66.2	44.0	81.8

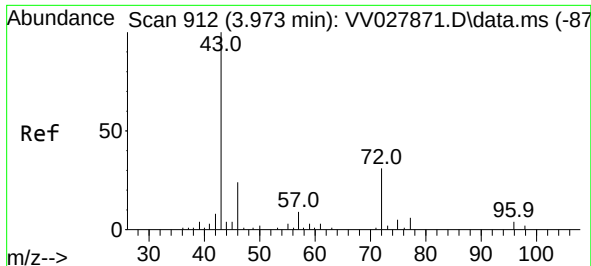


#19
 1,1-Dichloroethane
 Concen: 0.426 ug/L
 RT: 3.191 min Scan# 669
 Delta R.T. 0.010 min
 Lab File: VV027898.D
 Acq: 17 Sep 2022 13:50

Tgt Ion: 63 Resp: 19100

Ion	Ratio	Lower	Upper
63	100		
65	30.3	22.0	41.0
83	16.1	10.1	18.9

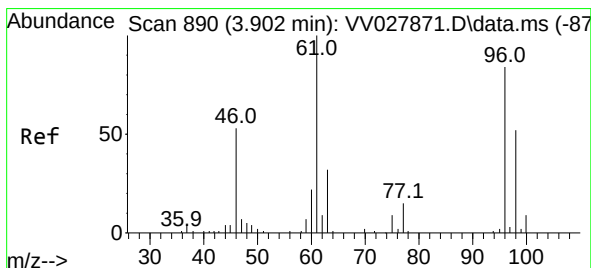
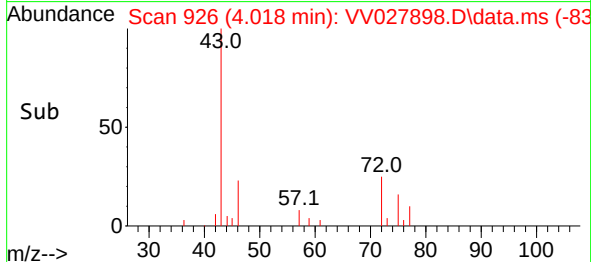
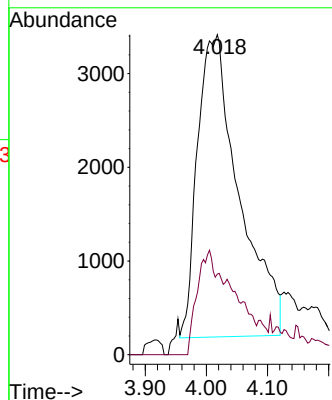
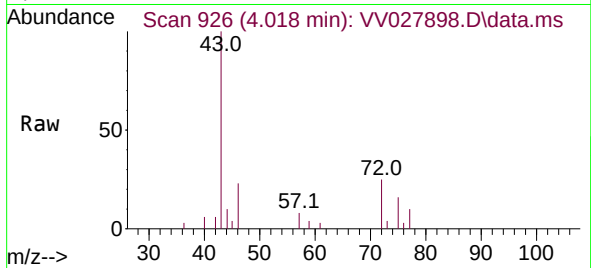




#21
2-Butanone
Concen: 3.449 ug/L
RT: 4.018 min Scan# 912
Delta R.T. -0.013 min
Lab File: VV027898.D
Acq: 17 Sep 2022 13:50

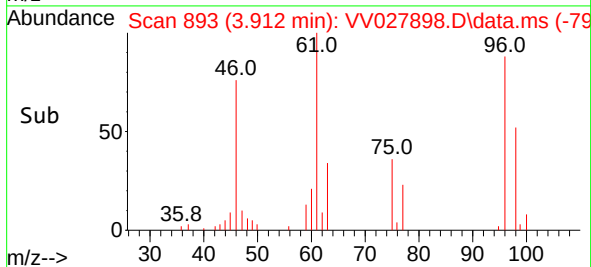
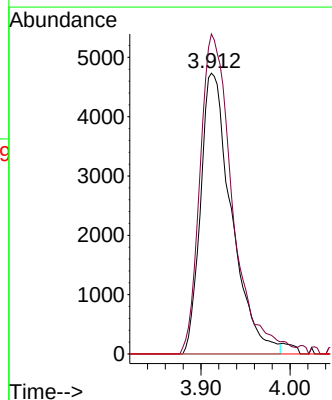
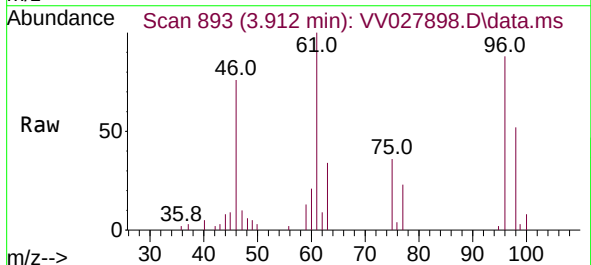
Instrument :
MSVOA_V
ClientSampleId :

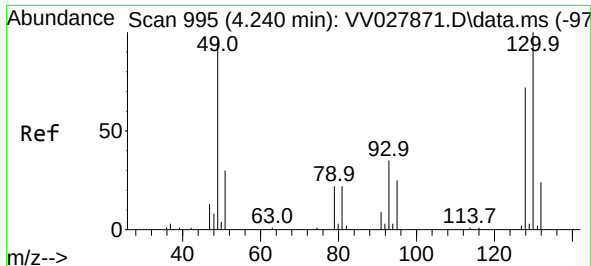
Tgt Ion: 43 Resp: 15231
Ion Ratio Lower Upper
43 100
72 18.2 13.0 39.0



#22
cis-1,2-Dichloroethene
Concen: 0.424 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.010 min
Lab File: VV027898.D
Acq: 17 Sep 2022 13:50

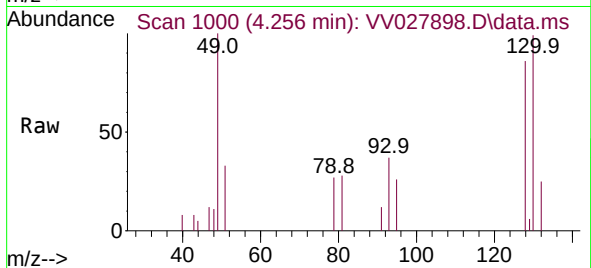
Tgt Ion: 96 Resp: 11405
Ion Ratio Lower Upper
96 100
61 114.0 94.6 175.6
68 0.0 0.3 0.5#



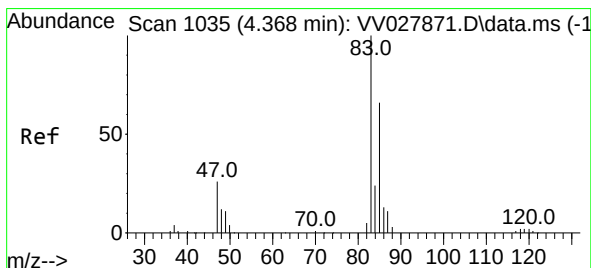
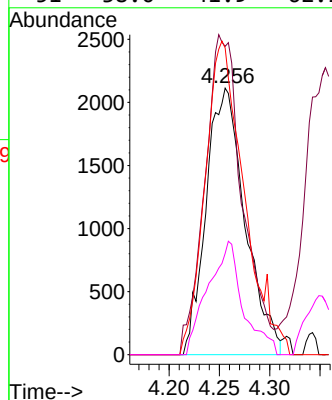
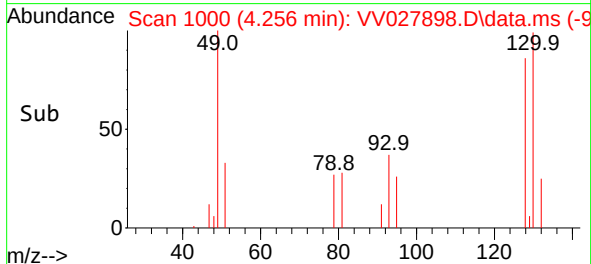


#23
Bromochloromethane
Concen: 0.462 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. 0.013 min
Lab File: VV027898.D
Acq: 17 Sep 2022 13:50

Instrument :
MSVOA_V
ClientSampleId :

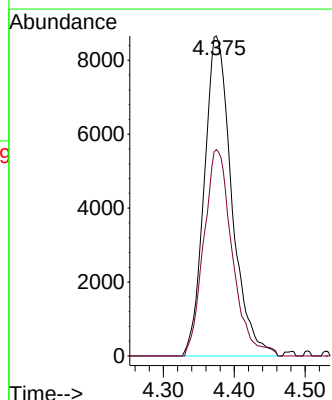
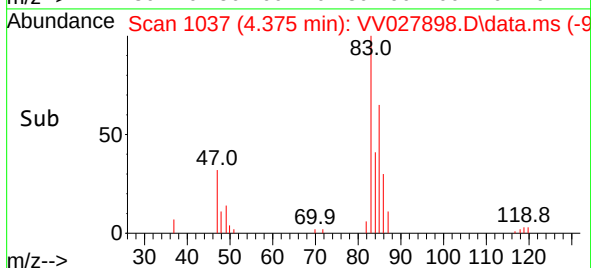
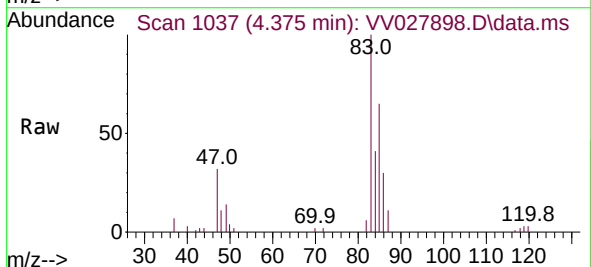


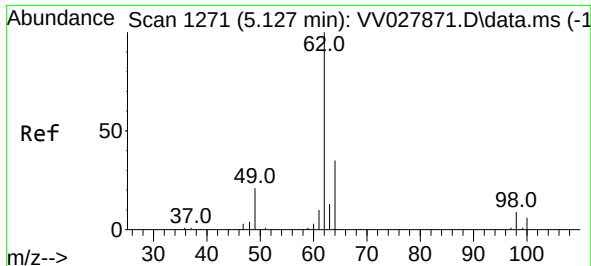
Tgt Ion:128 Resp: 5689
Ion Ratio Lower Upper
128 100
49 115.7 118.4 219.8#
130 115.1 89.2 165.6
51 38.0 41.9 62.9#



#25
Chloroform
Concen: 0.434 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV027898.D
Acq: 17 Sep 2022 13:50

Tgt Ion: 83 Resp: 23343
Ion Ratio Lower Upper
83 100
85 64.5 45.4 84.2





#27

1,2-Dichloroethane

Concen: 0.407 ug/L

RT: 5.137 min Scan# 1109

Delta R.T. 0.016 min

Lab File: VV027898.D

Acq: 17 Sep 2022 13:50

Instrument :

MSVOA_V

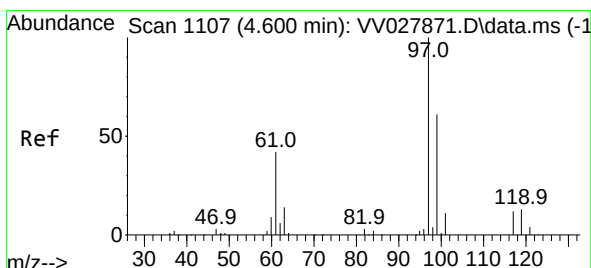
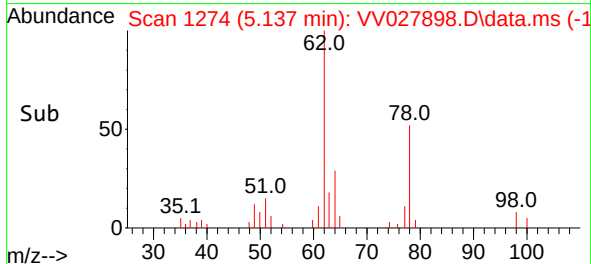
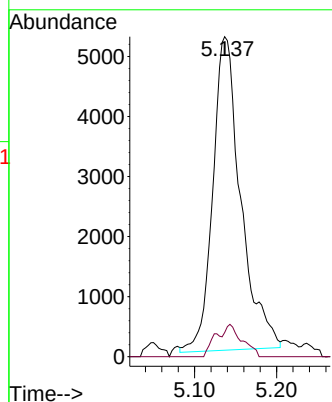
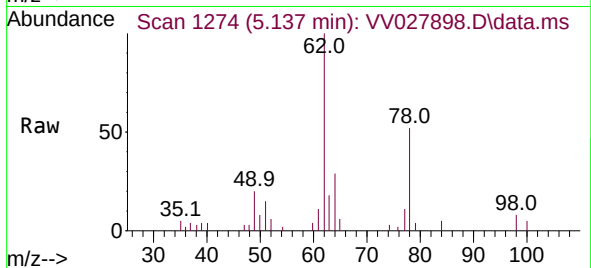
ClientSampleId :

Tgt Ion: 62 Resp: 12364

Ion Ratio Lower Upper

62 100

98 7.6 7.1 10.7



#29

1,1,1-Trichloroethane

Concen: 0.453 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.013 min

Lab File: VV027898.D

Acq: 17 Sep 2022 13:50

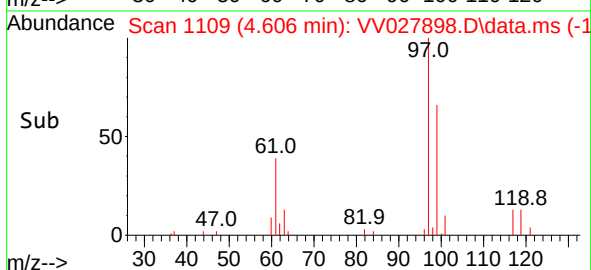
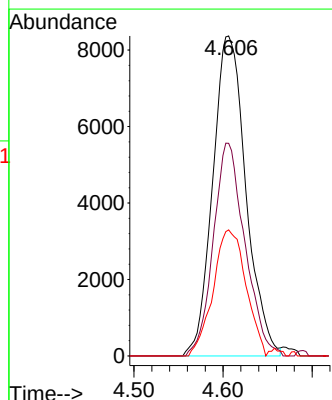
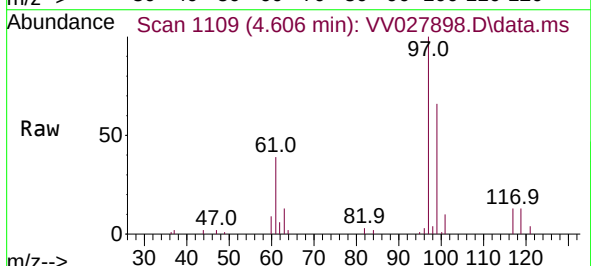
Tgt Ion: 97 Resp: 21695

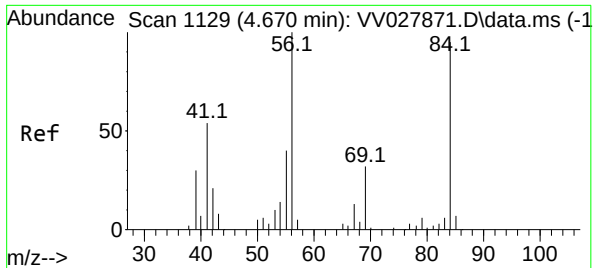
Ion Ratio Lower Upper

97 100

99 63.3 50.8 76.2

61 38.9 36.2 54.4

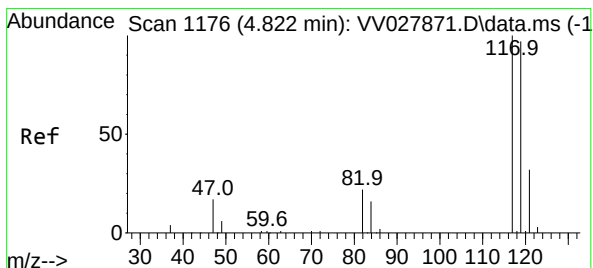
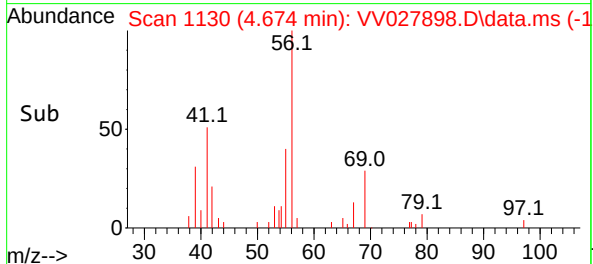
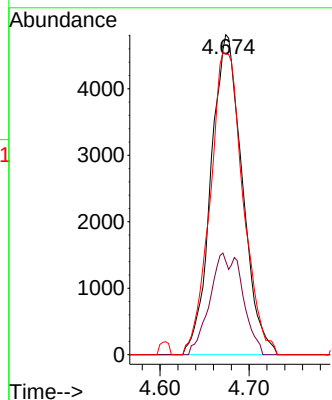
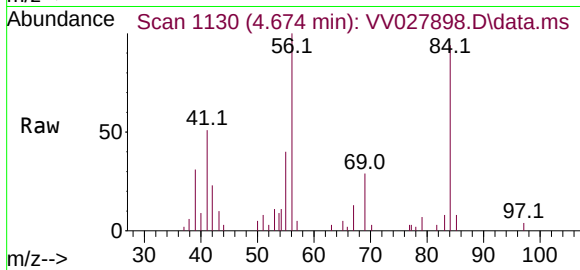




#30
Cyclohexane
Concen: 0.399 ug/L
RT: 4.674 min Scan# 1129
Delta R.T. 0.023 min
Lab File: VV027898.D
Acq: 17 Sep 2022 13:50

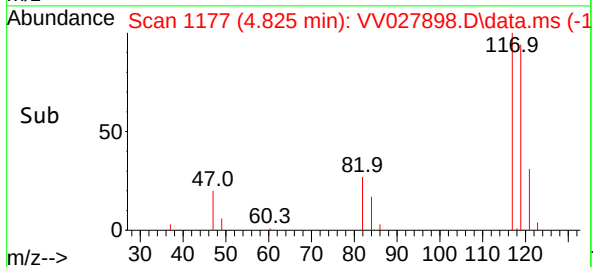
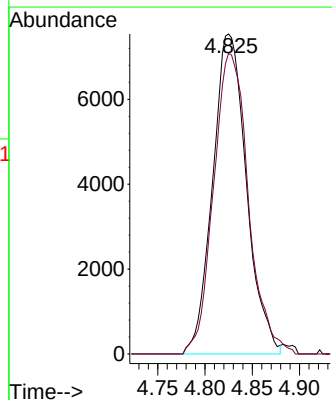
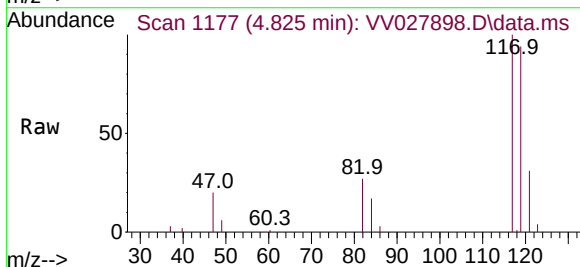
Instrument :
MSVOA_V
ClientSampleId :

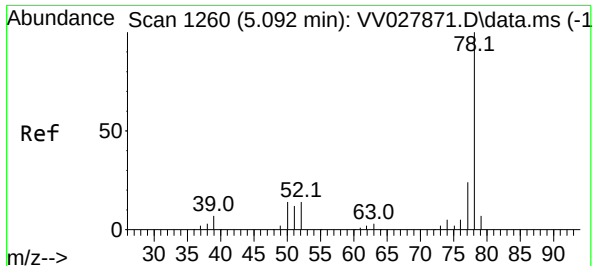
Tgt Ion	Ratio	Lower	Upper
56	100		
69	19.3	25.4	38.2#
84	99.5	73.8	110.8



#31
Carbon tetrachloride
Concen: 0.441 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.019 min
Lab File: VV027898.D
Acq: 17 Sep 2022 13:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.8	113.8

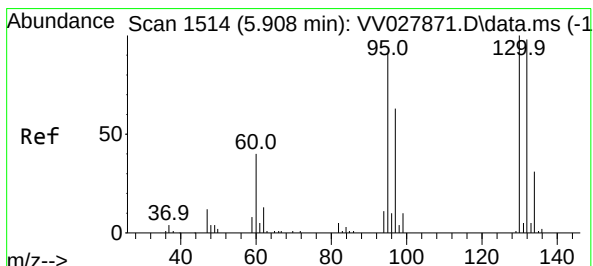
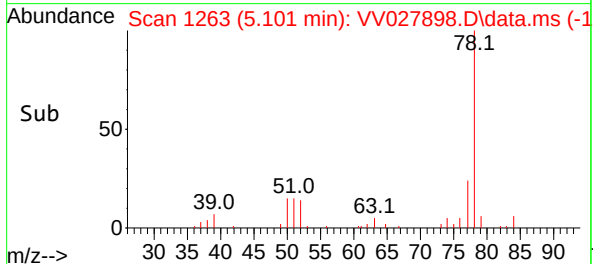
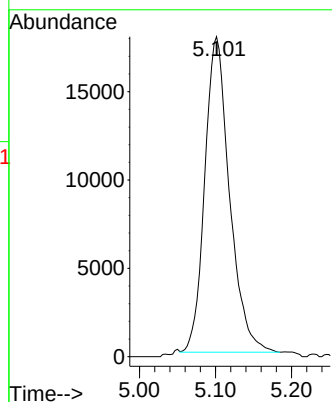
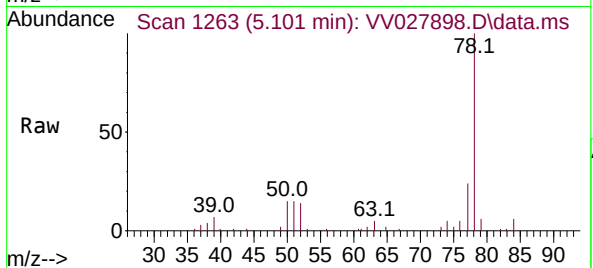




#33
Benzene
Concen: 0.424 ug/L
RT: 5.101 min Scan# 1517
Delta R.T. 0.023 min
Lab File: VV027898.D
Acq: 17 Sep 2022 13:50

Instrument :
MSVOA_V
ClientSampleId :

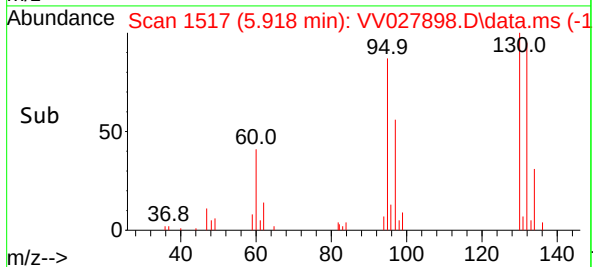
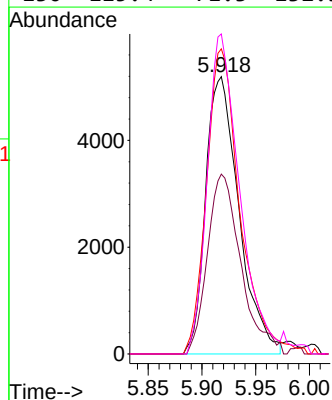
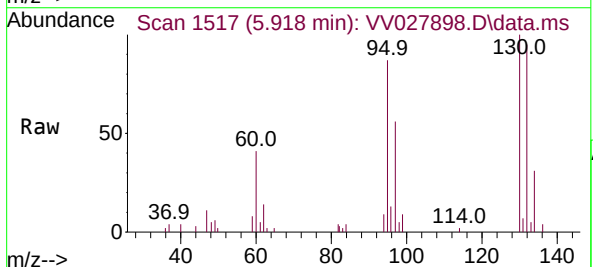
Tgt Ion: 78 Resp: 40462

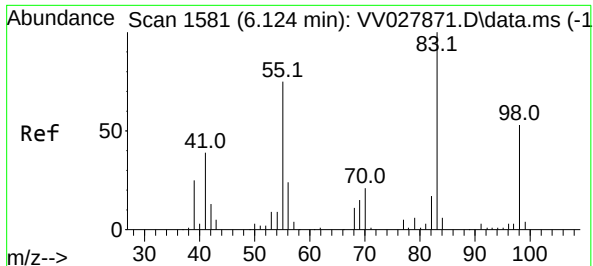


#34
Trichloroethene
Concen: 0.434 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.039 min
Lab File: VV027898.D
Acq: 17 Sep 2022 13:50

Tgt Ion: 95 Resp: 11190

Ion	Ratio	Lower	Upper
95	100		
97	64.9	42.9	79.7
132	110.1	67.9	126.1
130	115.4	71.3	132.3

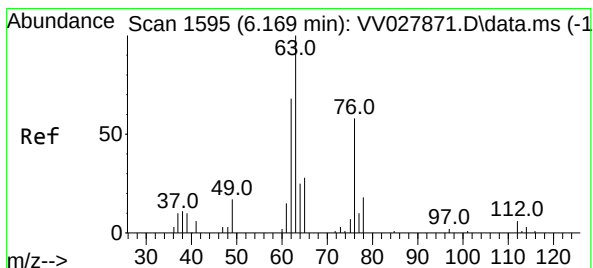
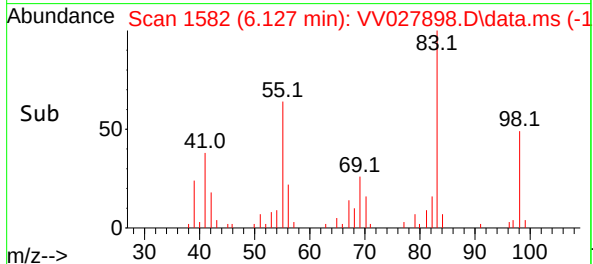
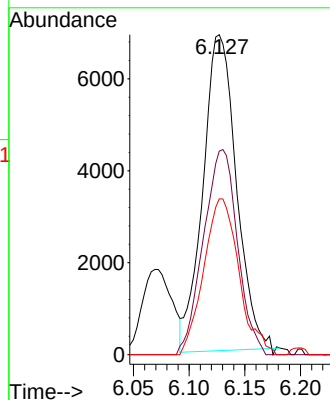
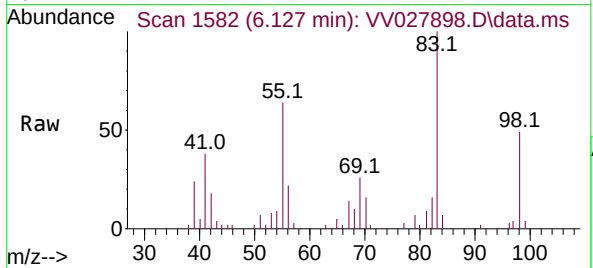




#35
Methylcyclohexane
Concen: 0.402 ug/L
RT: 6.127 min Scan# 11
Delta R.T. 0.039 min
Lab File: VV027898.D
Acq: 17 Sep 2022 13:50

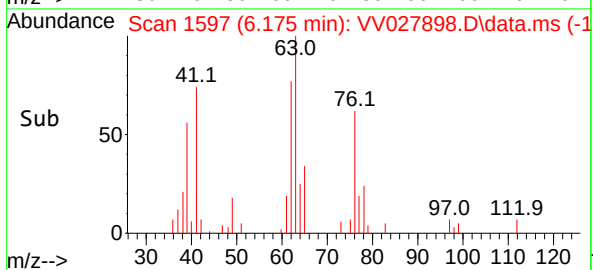
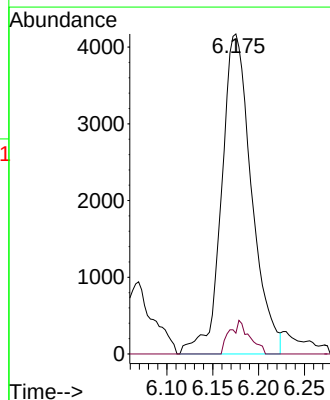
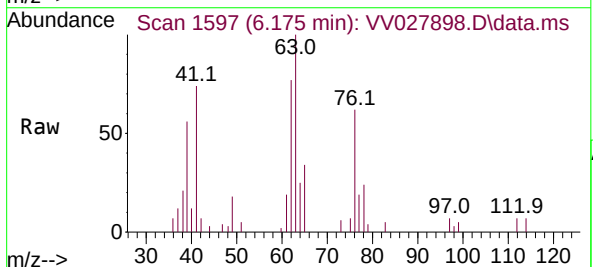
Instrument :
MSVOA_V
ClientSampleId :

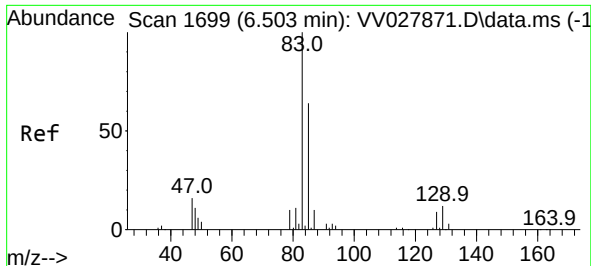
Tgt Ion: 83 Resp: 14368
Ion Ratio Lower Upper
83 100
55 66.1 61.9 92.9
98 51.8 37.5 56.3



#37
1,2-Dichloropropane
Concen: 0.442 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.023 min
Lab File: VV027898.D
Acq: 17 Sep 2022 13:50

Tgt Ion: 63 Resp: 9496
Ion Ratio Lower Upper
63 100
112 6.9 4.0 6.0#

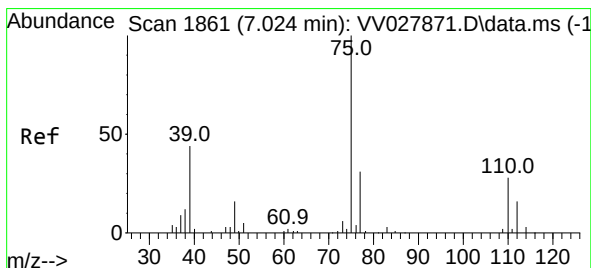
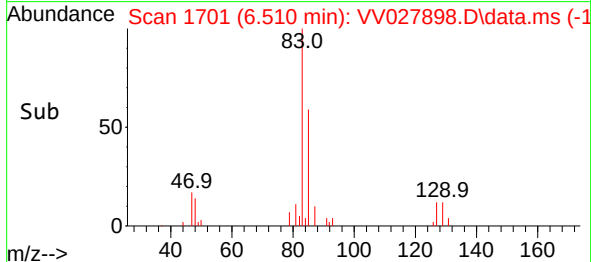
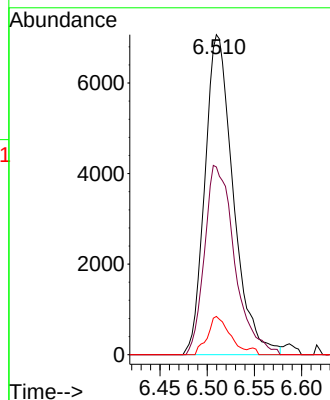
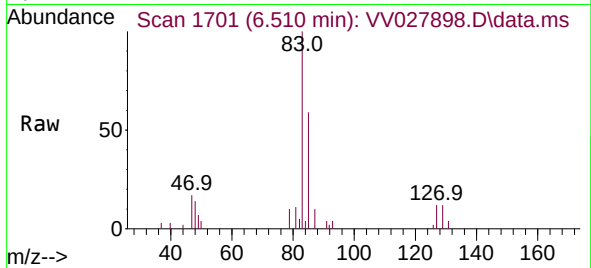




#38
Bromodichloromethane
Concen: 0.439 ug/L
RT: 6.510 min Scan# 1
Delta R.T. 0.016 min
Lab File: VV027898.D
Acq: 17 Sep 2022 13:50

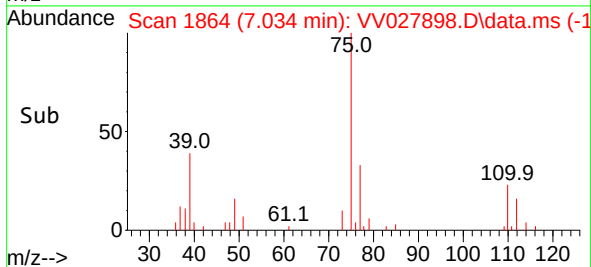
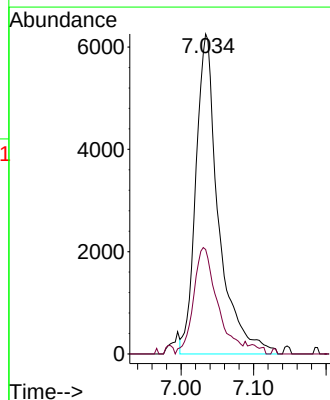
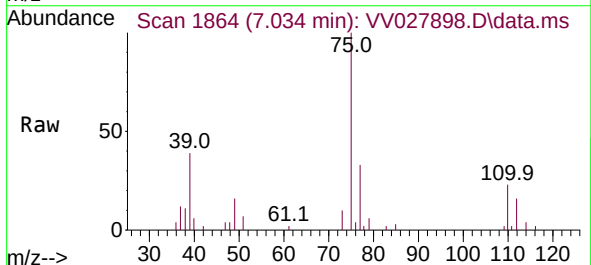
Instrument :
MSVOA_V
ClientSampleId :

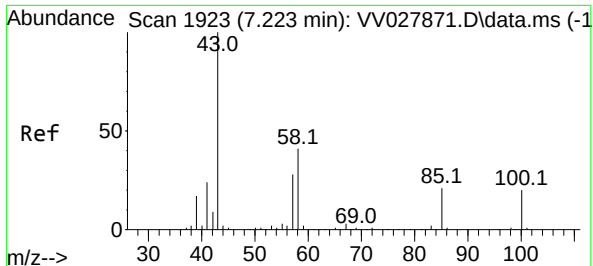
Tgt Ion: 83 Resp: 14736
Ion Ratio Lower Upper
83 100
85 58.6 43.3 80.3
127 12.0 7.1 10.7#



#39
cis-1,3-Dichloropropene
Concen: 0.421 ug/L
RT: 7.034 min Scan# 1864
Delta R.T. -0.006 min
Lab File: VV027898.D
Acq: 17 Sep 2022 13:50

Tgt Ion: 75 Resp: 13604
Ion Ratio Lower Upper
75 100
77 32.7 22.0 40.8





#40

4-Methyl-2-pentanone

Concen: 3.952 ug/L

RT: 7.230 min Scan# 1923

Delta R.T. -0.035 min

Lab File: VV027898.D

Acq: 17 Sep 2022 13:50

Instrument :

MSVOA_V

ClientSampleId :

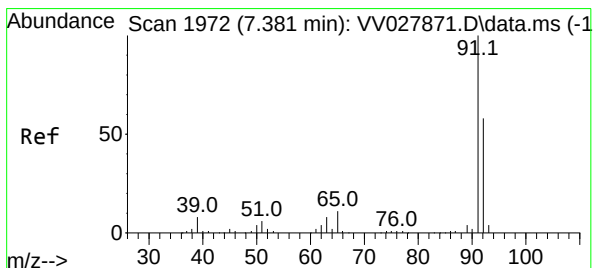
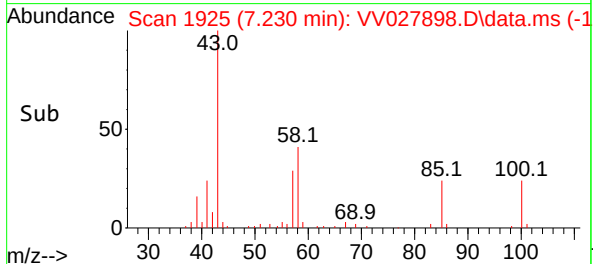
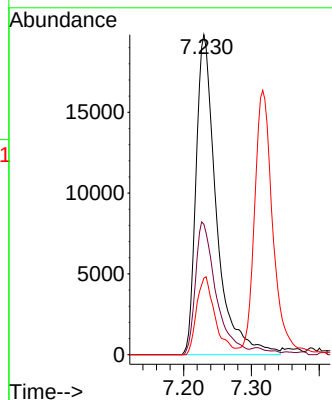
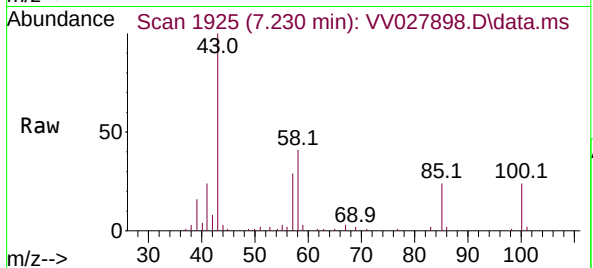
Tgt Ion: 43 Resp: 41277

Ion Ratio Lower Upper

43 100

58 41.8 30.9 46.3

100 22.3 13.4 20.0#



#42

Toluene

Concen: 0.406 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.006 min

Lab File: VV027898.D

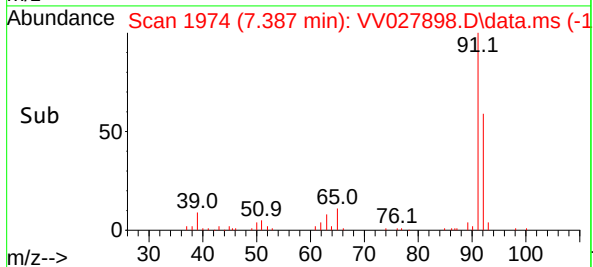
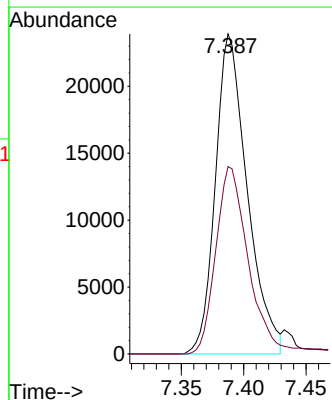
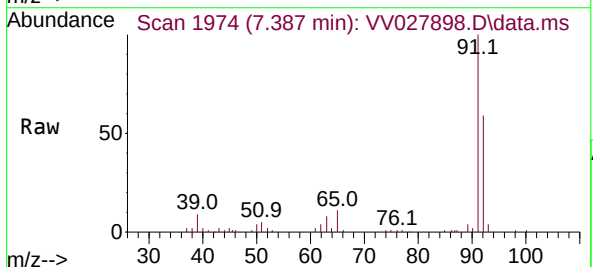
Acq: 17 Sep 2022 13:50

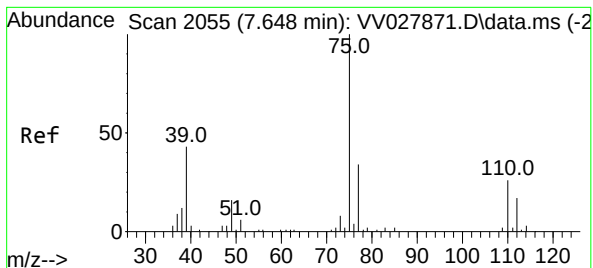
Tgt Ion: 91 Resp: 42560

Ion Ratio Lower Upper

91 100

92 58.6 40.8 75.8





#44

trans-1,3-Dichloropropene

Concen: 0.406 ug/L

RT: 7.658 min Scan# 2055

Delta R.T. -0.006 min

Lab File: VV027898.D

Acq: 17 Sep 2022 13:50

Instrument :

MSVOA_V

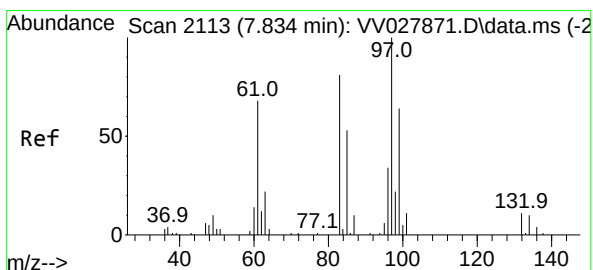
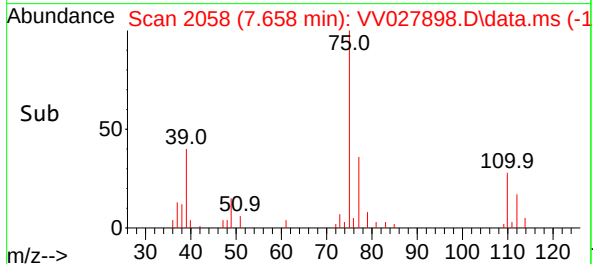
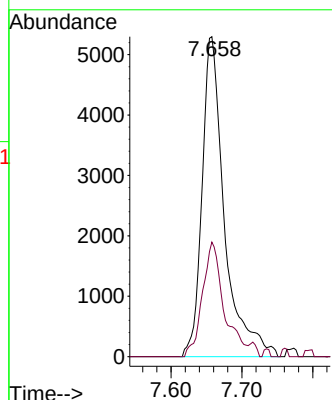
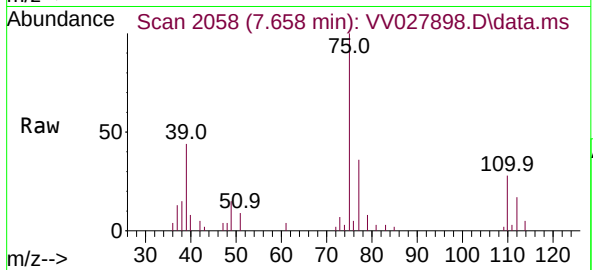
ClientSampleId :

Tgt Ion: 75 Resp: 11611

Ion Ratio Lower Upper

75 100

77 35.8 22.6 42.0



#45

1,1,2-Trichloroethane

Concen: 0.423 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. -0.009 min

Lab File: VV027898.D

Acq: 17 Sep 2022 13:50

Tgt Ion: 97 Resp: 7063

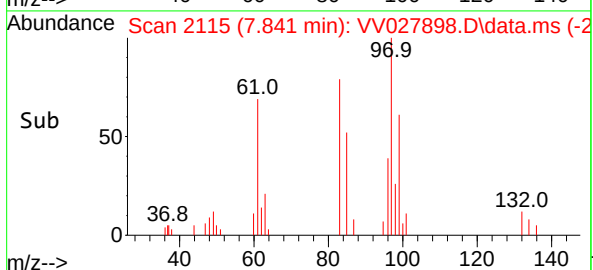
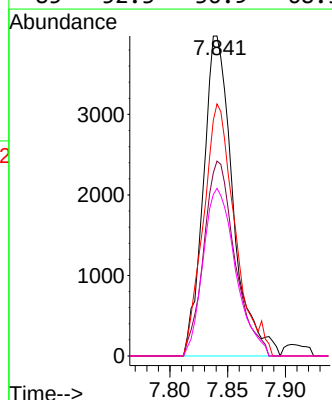
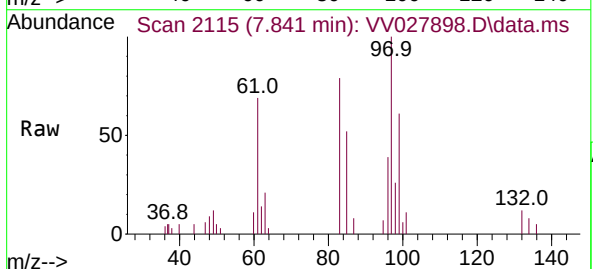
Ion Ratio Lower Upper

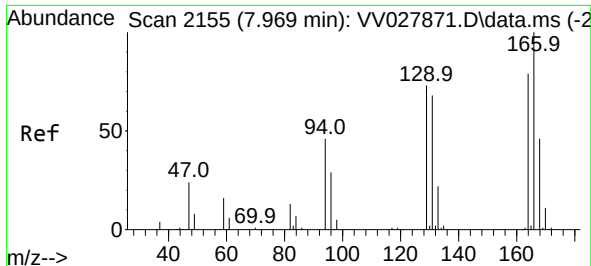
97 100

99 60.9 44.2 82.0

83 78.8 60.3 112.1

85 52.3 36.9 68.5





#47

Tetrachloroethene

Concen: 0.426 ug/L

RT: 7.976 min Scan# 2155

Delta R.T. -0.003 min

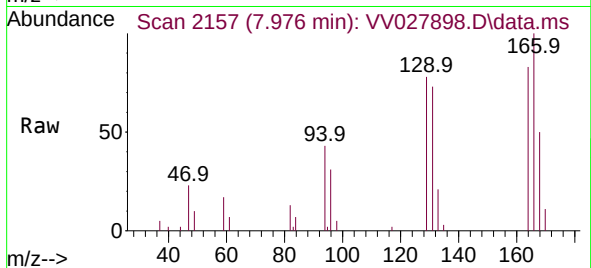
Lab File: VV027898.D

Acq: 17 Sep 2022 13:50

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 9189

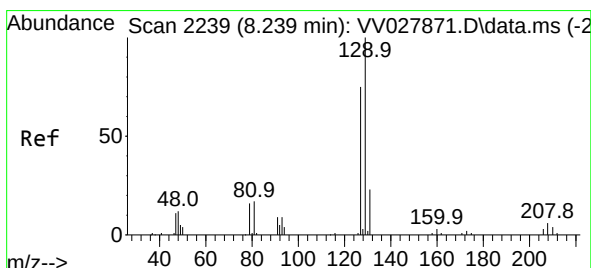
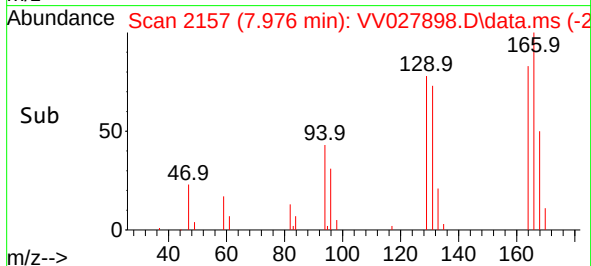
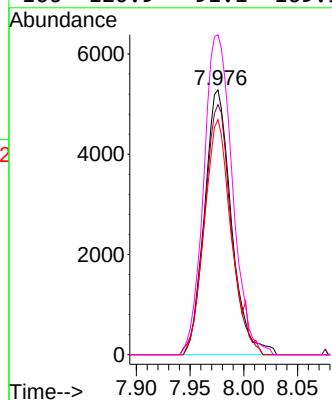
Ion Ratio Lower Upper

164 100

129 94.5 67.2 124.8

131 88.8 61.5 114.3

166 120.9 91.1 169.3



#49

Dibromochloromethane

Concen: 0.424 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. -0.013 min

Lab File: VV027898.D

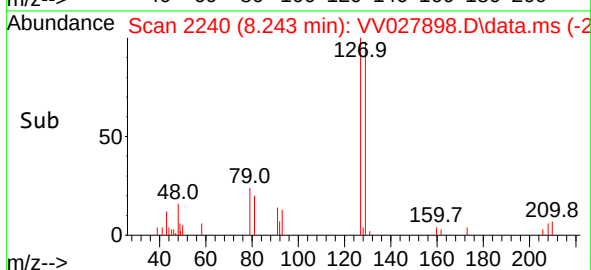
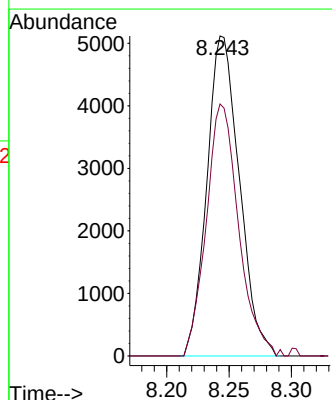
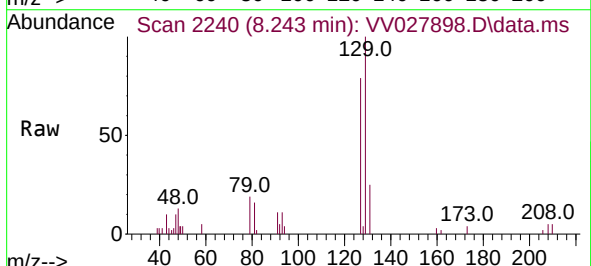
Acq: 17 Sep 2022 13:50

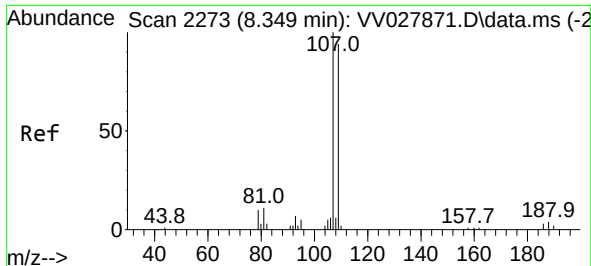
Tgt Ion:129 Resp: 9294

Ion Ratio Lower Upper

129 100

127 78.7 55.2 102.6





#50

1,2-Dibromoethane

Concen: 0.433 ug/L

RT: 8.355 min Scan# 21

Delta R.T. -0.006 min

Lab File: VV027898.D

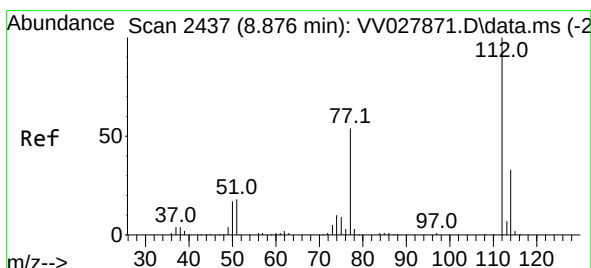
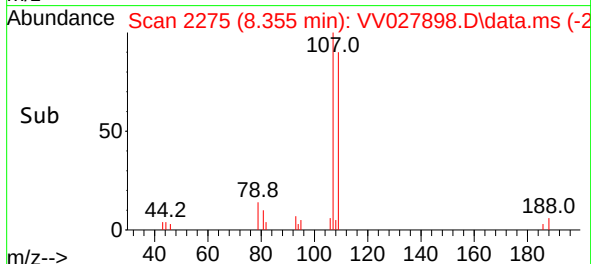
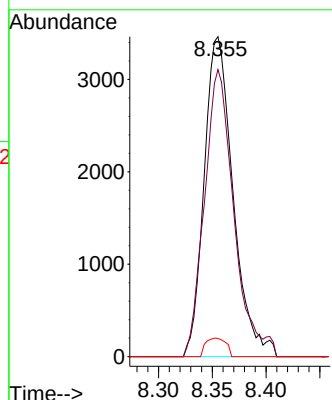
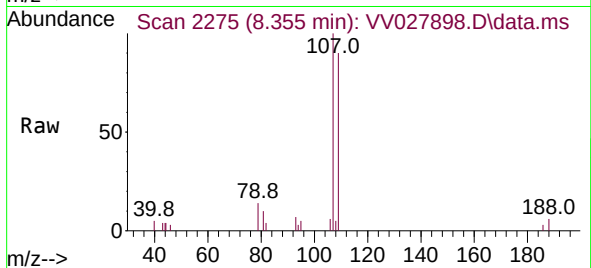
Acq: 17 Sep 2022 13:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	6487
Ion	Ratio	Lower Upper
107	100	
109	89.7	65.9 122.5
188	5.7	3.1 4.7#



#51

Chlorobenzene

Concen: 0.440 ug/L

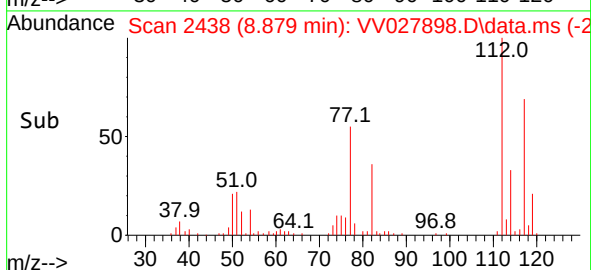
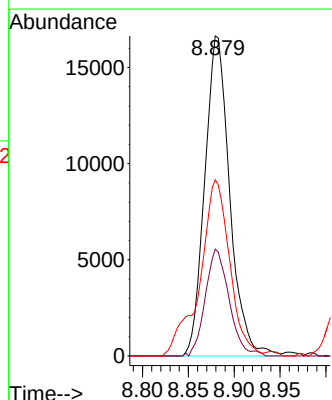
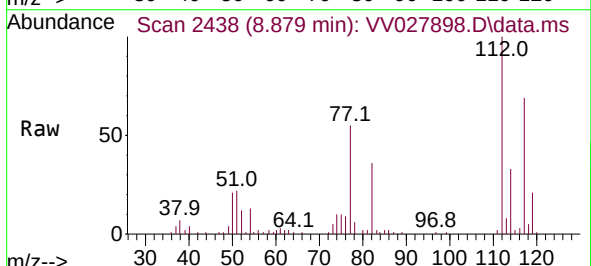
RT: 8.879 min Scan# 2438

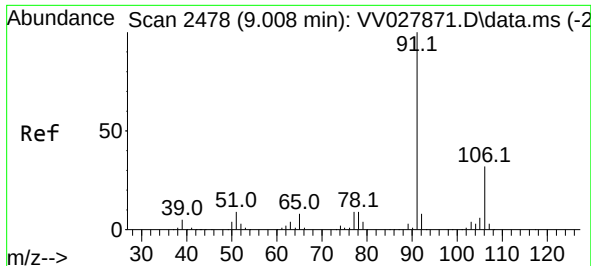
Delta R.T. -0.006 min

Lab File: VV027898.D

Acq: 17 Sep 2022 13:50

Tgt Ion:112	Resp:	31561
Ion	Ratio	Lower Upper
112	100	
114	33.4	21.7 40.3
77	55.0	45.3 67.9





#52

Ethylbenzene

Concen: 0.413 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. -0.003 min

Lab File: VV027898.D

Acq: 17 Sep 2022 13:50

Instrument :

MSVOA_V

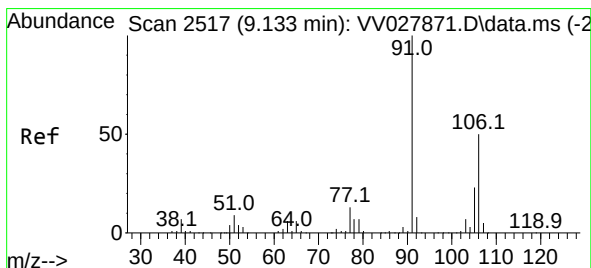
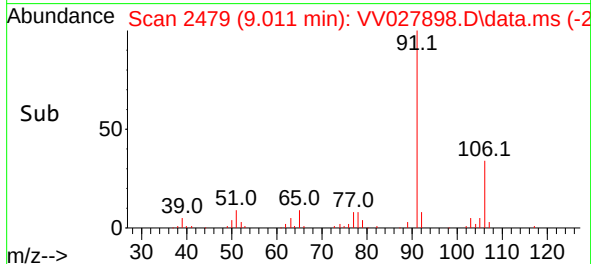
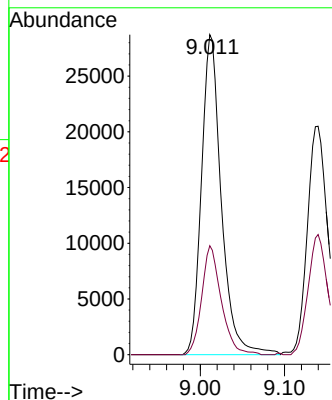
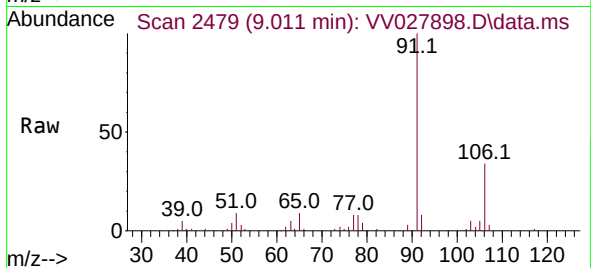
ClientSampleId :

Tgt Ion: 91 Resp: 47081

Ion Ratio Lower Upper

91 100

106 34.0 22.0 40.8



#53

m,p-Xylene

Concen: 0.409 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.003 min

Lab File: VV027898.D

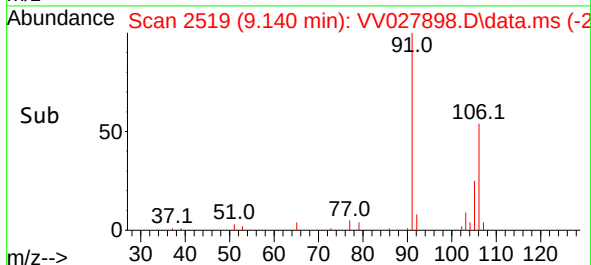
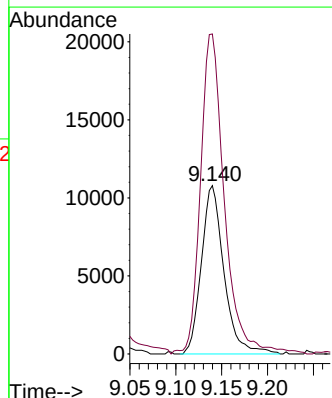
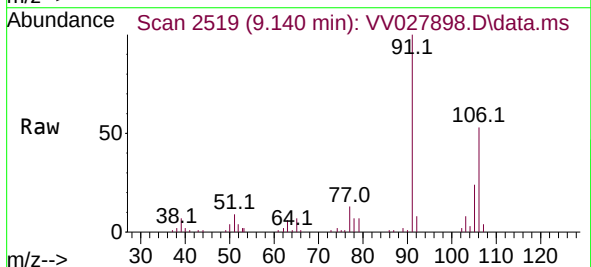
Acq: 17 Sep 2022 13:50

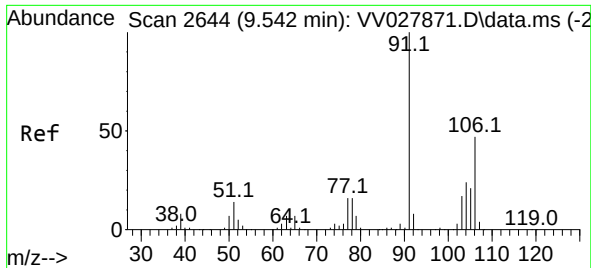
Tgt Ion: 106 Resp: 18497

Ion Ratio Lower Upper

106 100

91 190.1 142.4 264.4

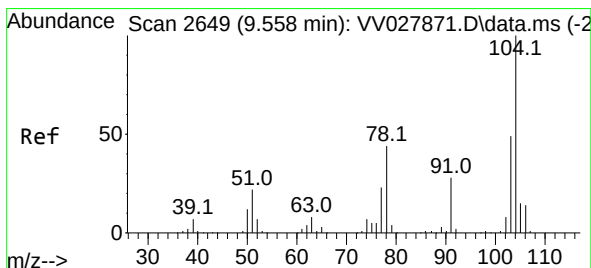
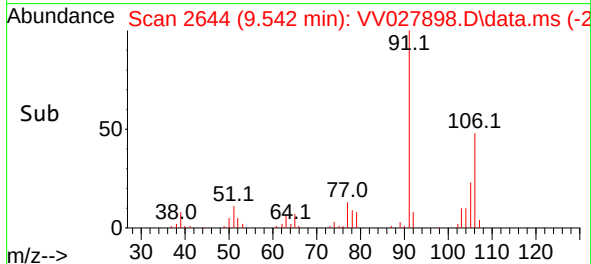
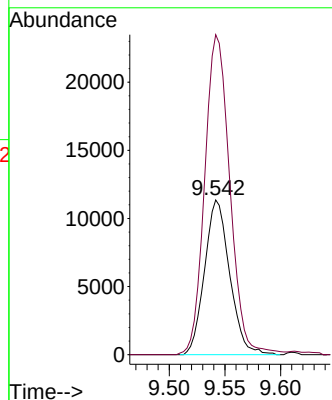
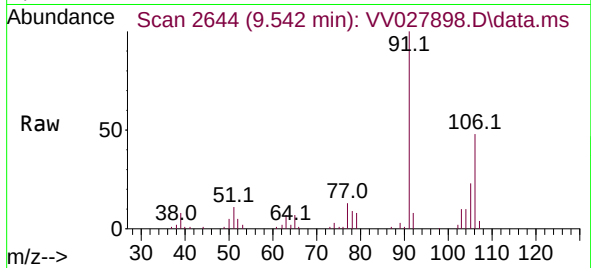




#54
o-Xylene
Concen: 0.406 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV027898.D
Acq: 17 Sep 2022 13:50

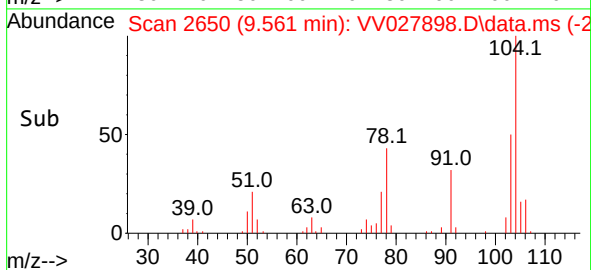
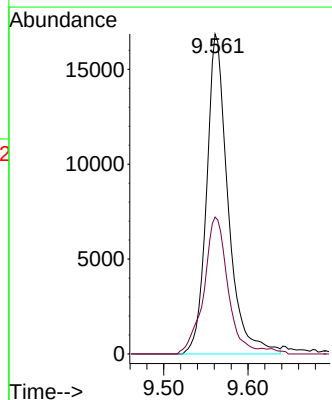
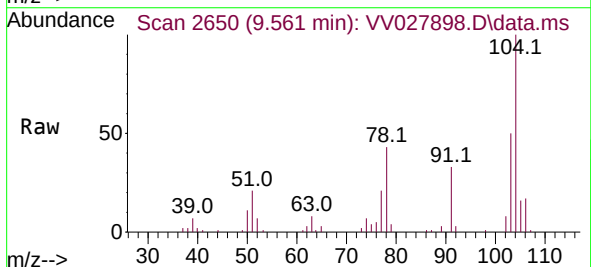
Instrument :
MSVOA_V
ClientSampleId :

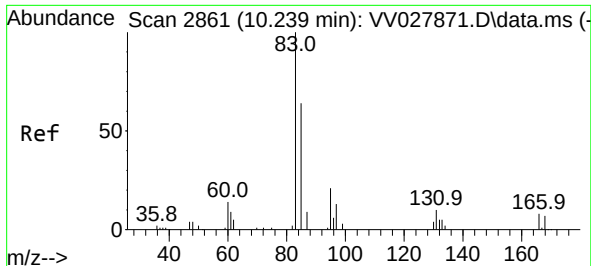
Tgt Ion:106 Resp: 17821
Ion Ratio Lower Upper
106 100
91 206.9 147.5 273.9



#55
Styrene
Concen: 0.393 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.003 min
Lab File: VV027898.D
Acq: 17 Sep 2022 13:50

Tgt Ion:104 Resp: 29838
Ion Ratio Lower Upper
104 100
78 42.8 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 0.440 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.007 min

Lab File: VV027898.D

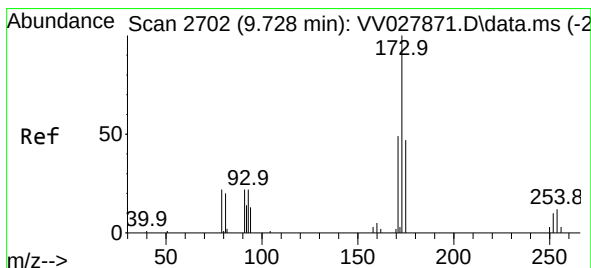
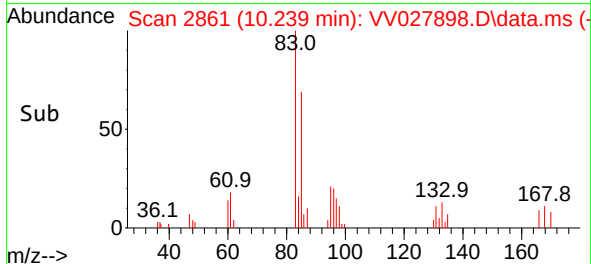
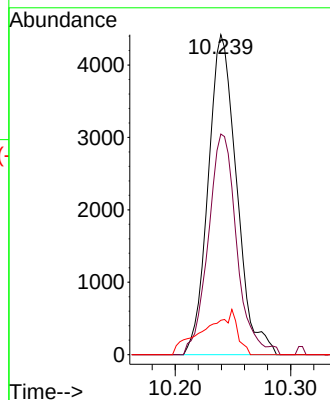
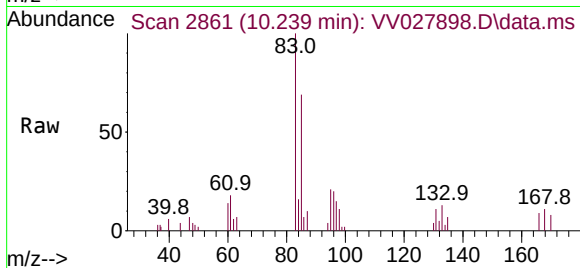
Acq: 17 Sep 2022 13:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	7547
Ion	Ratio	Lower	Upper
83	100		
85	69.0	44.7	83.1
131	10.7	8.5	12.7



#59

Bromoform

Concen: 0.466 ug/L

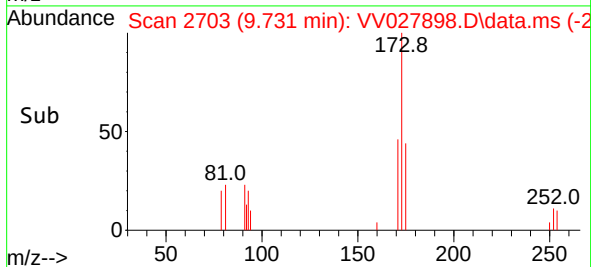
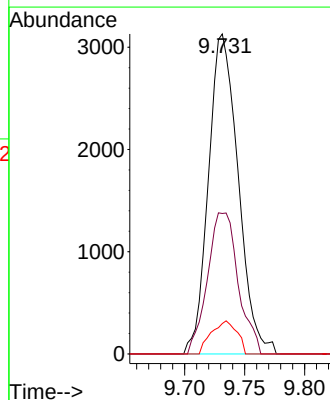
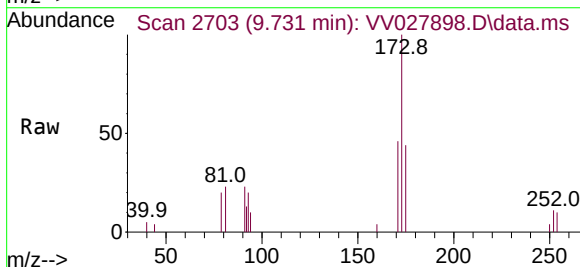
RT: 9.731 min Scan# 2703

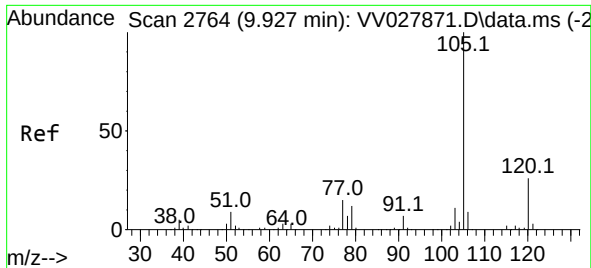
Delta R.T. -0.003 min

Lab File: VV027898.D

Acq: 17 Sep 2022 13:50

Tgt Ion:	173	Resp:	5396
Ion	Ratio	Lower	Upper
173	100		
175	45.5	38.4	57.6
254	8.9	6.8	10.2

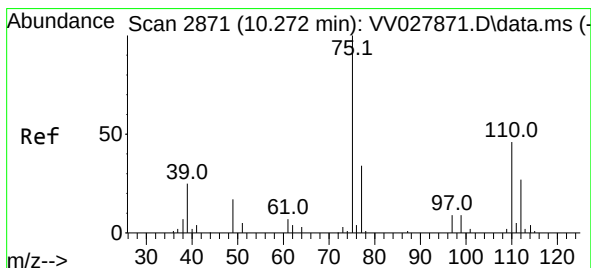
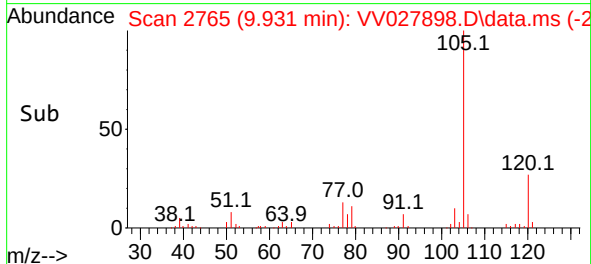
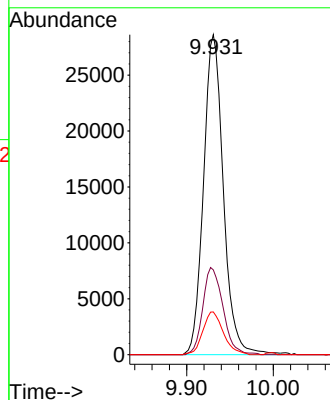
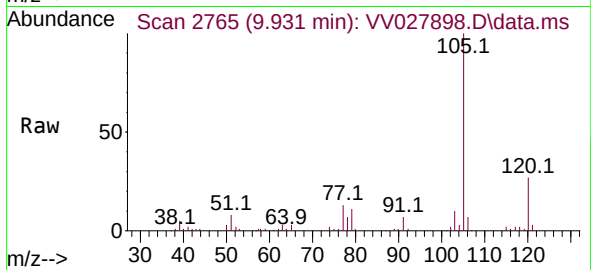




#60
Isopropylbenzene
Concen: 0.400 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV027898.D
Acq: 17 Sep 2022 13:50

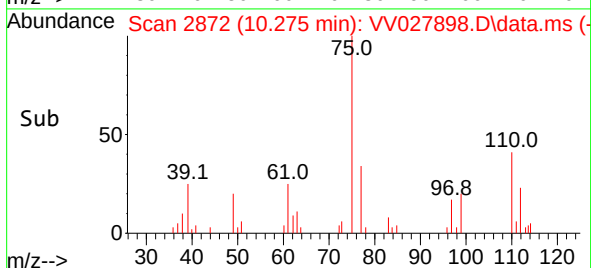
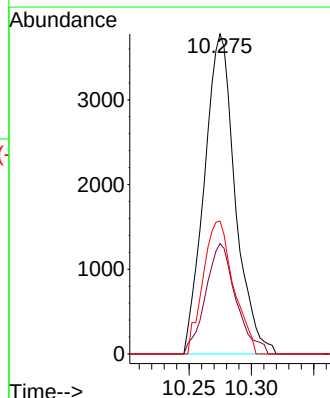
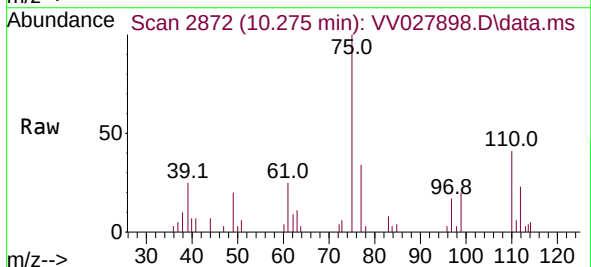
Instrument :
MSVOA_V
ClientSampleId :

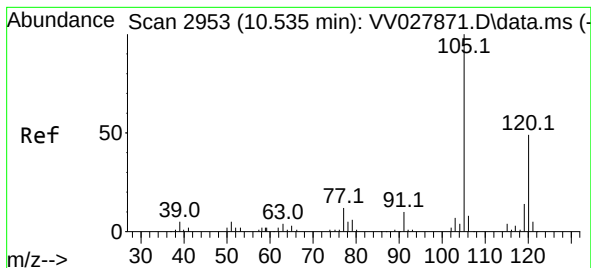
Tgt Ion:105 Resp: 45594
Ion Ratio Lower Upper
105 100
120 27.7 21.3 31.9
77 13.9 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 0.483 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV027898.D
Acq: 17 Sep 2022 13:50

Tgt Ion: 75 Resp: 6487
Ion Ratio Lower Upper
75 100
77 34.0 27.6 41.4
110 40.9 35.6 53.4





#62

1,3,5-Trimethylbenzene

Concen: 0.408 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV027898.D

Acq: 17 Sep 2022 13:50

Instrument :

MSVOA_V

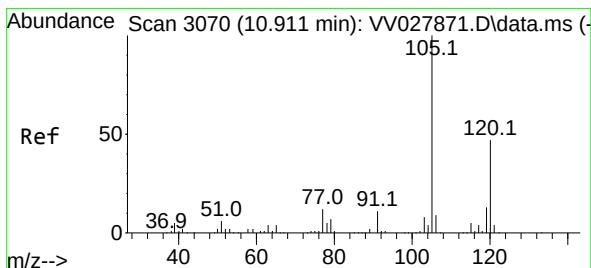
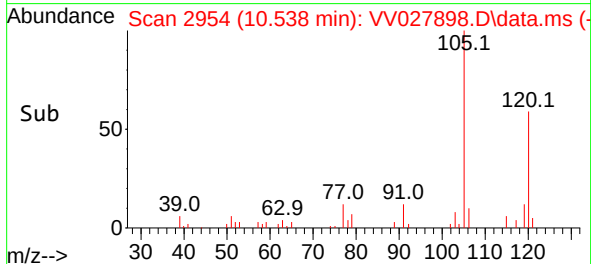
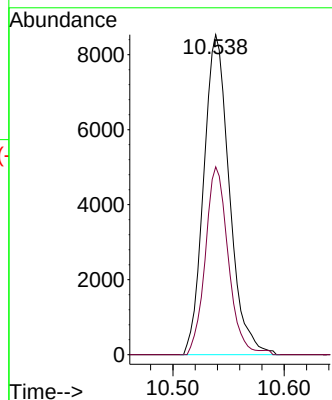
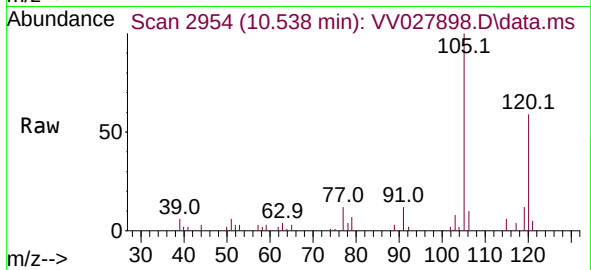
ClientSampleId :

Tgt Ion:105 Resp: 13634

Ion Ratio Lower Upper

105 100

120 52.6 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.389 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV027898.D

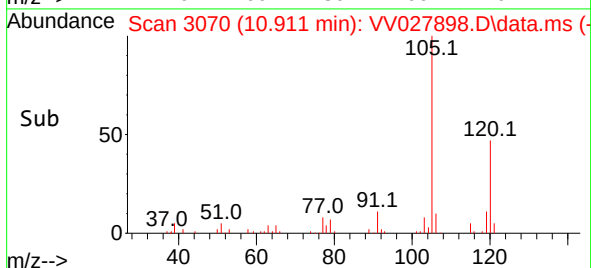
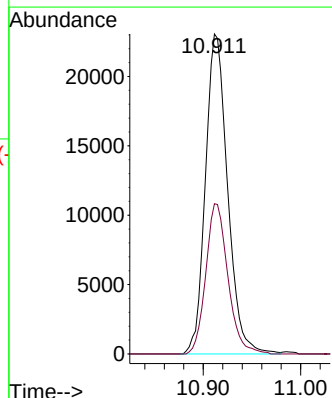
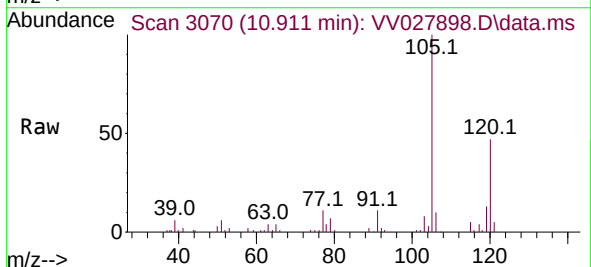
Acq: 17 Sep 2022 13:50

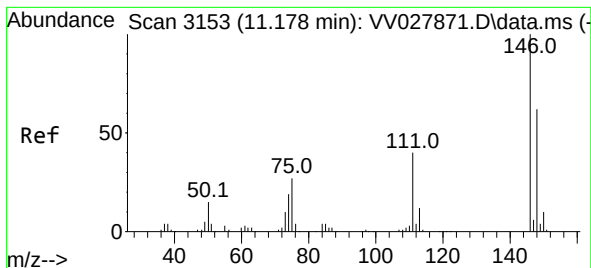
Tgt Ion:105 Resp: 36539

Ion Ratio Lower Upper

105 100

120 46.8 37.4 56.0





#64

1,3-Dichlorobenzene

Concen: 0.432 ug/L

RT: 11.182 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV027898.D

Acq: 17 Sep 2022 13:50

Instrument :

MSVOA_V

ClientSampleId :

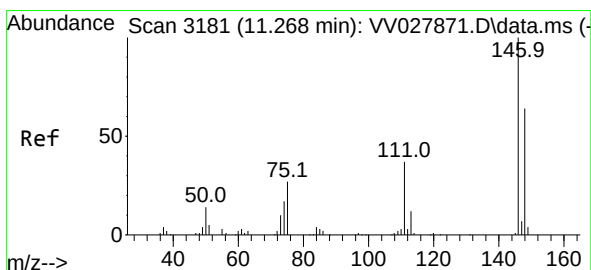
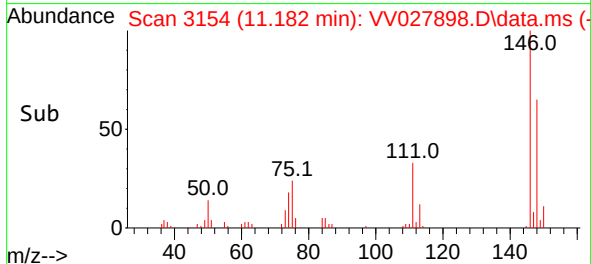
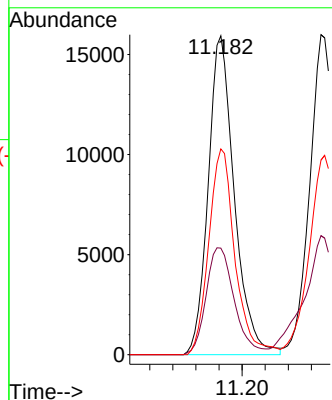
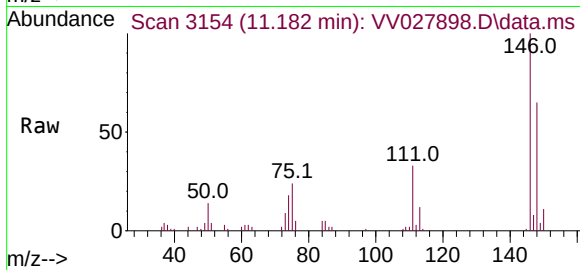
Tgt Ion:146 Resp: 25024

Ion Ratio Lower Upper

146 100

111 33.4 27.9 51.9

148 64.5 46.0 85.4



#65

1,4-Dichlorobenzene

Concen: 0.454 ug/L

RT: 11.268 min Scan# 3181

Delta R.T. -0.003 min

Lab File: VV027898.D

Acq: 17 Sep 2022 13:50

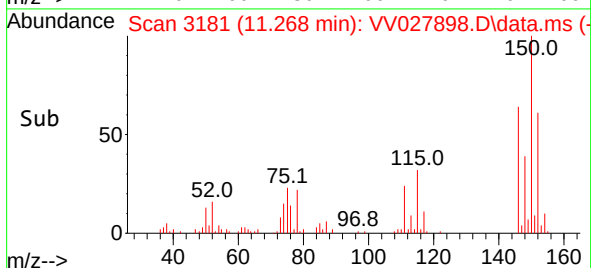
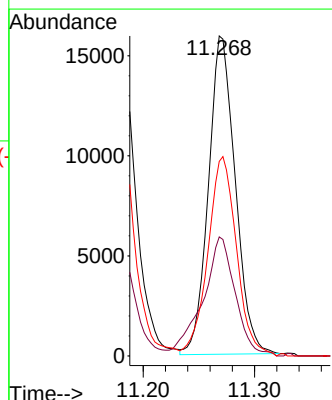
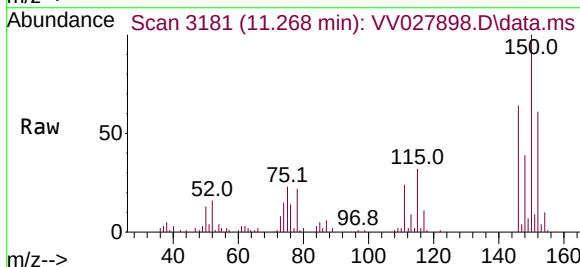
Tgt Ion:146 Resp: 26638

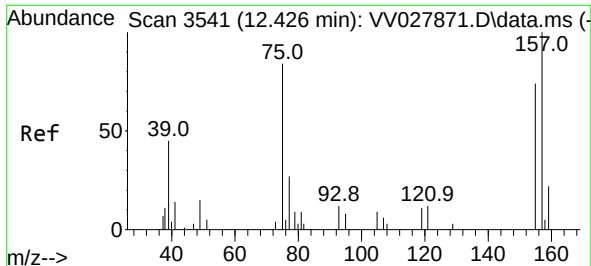
Ion Ratio Lower Upper

146 100

111 37.2 26.5 49.3

148 60.8 42.8 79.4





#68

1,2-Dibromo-3-chloropropane

Concen: 0.442 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV027898.D

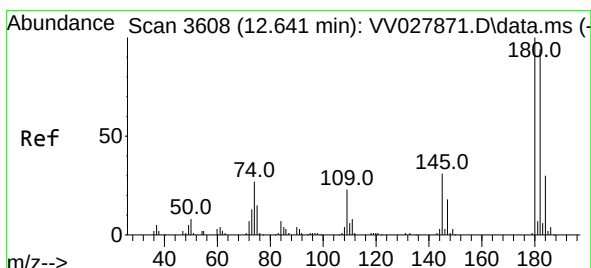
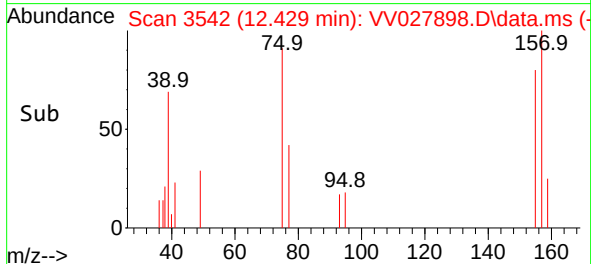
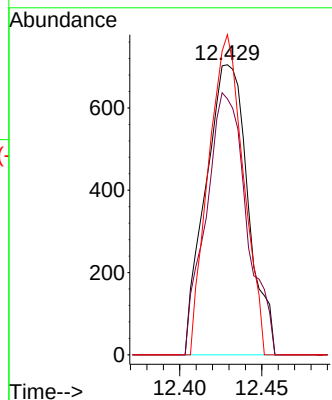
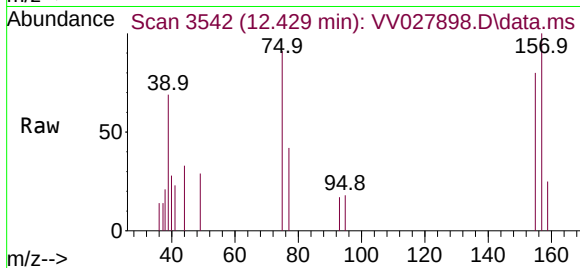
Acq: 17 Sep 2022 13:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 75	Resp:	1266
Ion Ratio	Lower	Upper
75	100	
155	88.2	71.9 107.9
157	110.4	95.1 142.7



#69

1,3,5-Trichlorobenzene

Concen: 0.411 ug/L

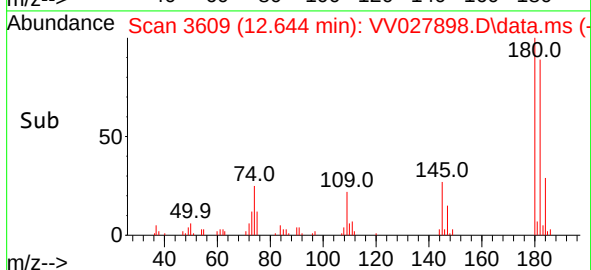
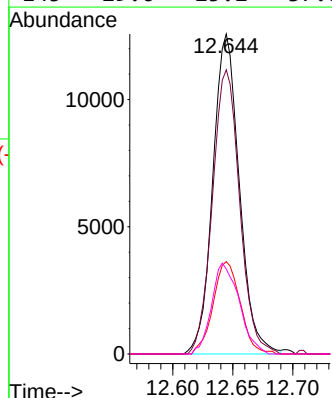
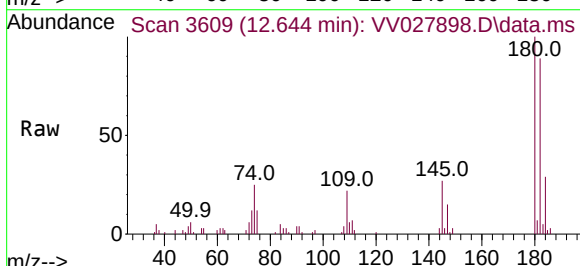
RT: 12.644 min Scan# 3609

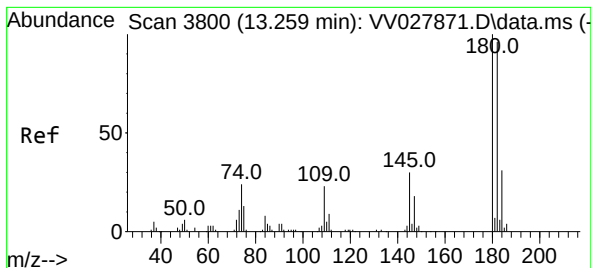
Delta R.T. 0.000 min

Lab File: VV027898.D

Acq: 17 Sep 2022 13:50

Tgt Ion: 180	Resp:	19303
Ion Ratio	Lower	Upper
180	100	
182	91.2	75.8 113.8
184	29.6	23.8 35.6
145	29.6	25.2 37.8





#70

1,2,4-trichlorobenzene

Concen: 0.415 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027898.D

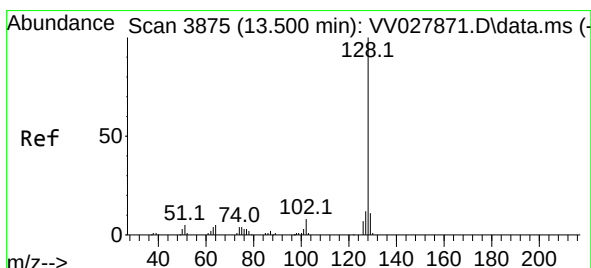
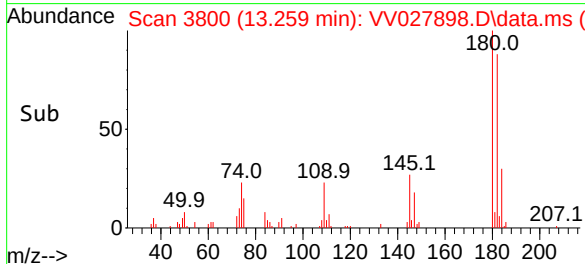
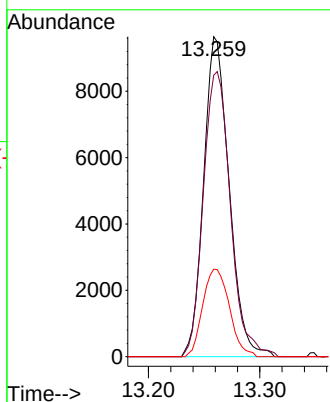
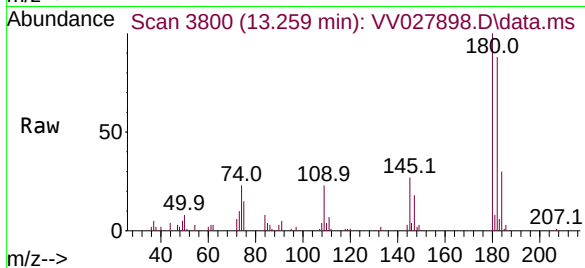
Acq: 17 Sep 2022 13:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	180	Resp:	15351
Ion Ratio	Lower	Upper	
180	100		
182	94.7	76.6	114.8
145	28.6	24.6	37.0



#71

Naphthalene

Concen: 0.443 ug/L

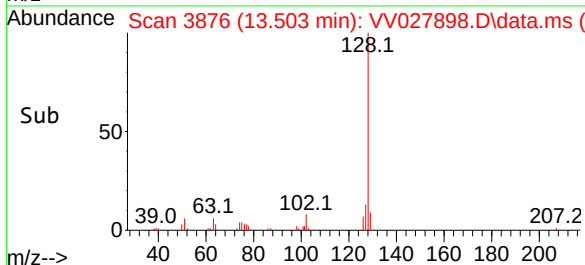
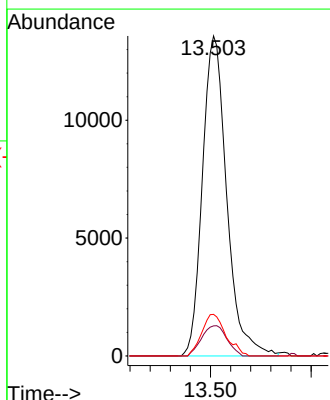
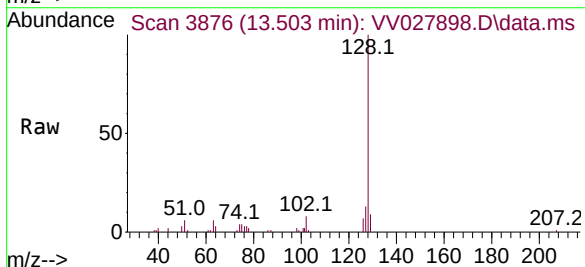
RT: 13.503 min Scan# 3876

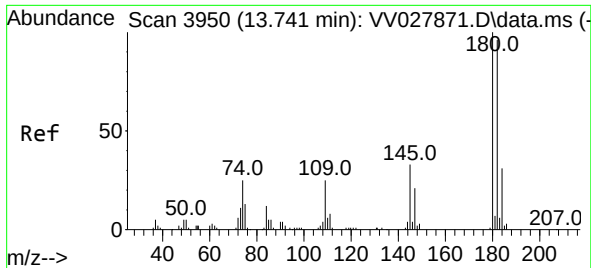
Delta R.T. 0.003 min

Lab File: VV027898.D

Acq: 17 Sep 2022 13:50

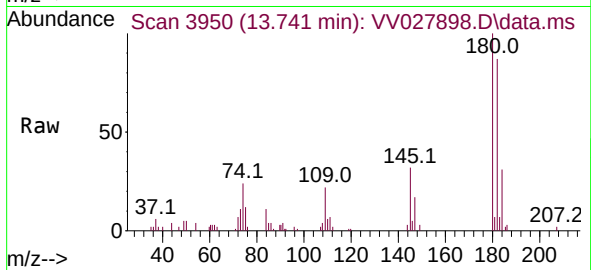
Tgt Ion:	128	Resp:	22751
Ion Ratio	Lower	Upper	
128	100		
129	9.8	9.2	13.8
127	13.0	10.6	16.0





#72
 1,2,3-Trichlorobenzene
 Concen: 0.420 ug/L
 RT: 13.741 min Scan# 3950
 Delta R.T. 0.000 min
 Lab File: VV027898.D
 Acq: 17 Sep 2022 13:50

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	13202
Ion Ratio	Lower	Upper	
180	100		
182	92.0	76.5	114.7
145	31.2	26.5	39.7

