

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083122\
 Data File : VW027626.D
 Acq On : 31 Aug 2022 18:45
 Operator : SY/MD
 Sample : VSTD02023
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 01:49:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 01:48:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	155037	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	154129	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	85890	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	348207	20.674	ug/L	0.00
7) Chloroethane-d5	1.564	69	277134	19.667	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	655682	19.891	ug/L	0.00
20) 2-Butanone-d5	3.883	46	476063	188.352	ug/L	-0.02
24) Chloroform-d	4.342	84	654779	19.365	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	292251	19.295	ug/L	0.00
32) Benzene-d6	5.047	84	1280899	20.288	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	368646	18.878	ug/L	0.00
41) Toluene-d8	7.313	98	1174603	21.484	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	129742	21.566	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	571230	252.498	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	237417	18.893	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	365762	19.021	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	415979	19.695	ug/L	99
3) Chloromethane	1.240	50	376137	18.600	ug/L	99
5) Vinyl chloride	1.310	62	379881	19.727	ug/L	96
6) Bromomethane	1.519	94	186494	20.607	ug/L	100
8) Chloroethane	1.584	64	214732	19.951	ug/L	97
9) Trichlorofluoromethane	1.751	101	497747	19.273	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	274995	19.559	ug/L	94
12) 1,1-Dichloroethene	2.114	96	246675	19.061	ug/L	93
13) Acetone	2.179	43	250952	134.592	ug/L	72
14) Carbon disulfide	2.291	76	829500	20.286	ug/L	99
15) Methyl Acetate	2.433	43	89917	17.590	ug/L	95
16) Methylene chloride	2.503	84	300698	18.419	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	579802	20.973	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	292567	19.946	ug/L	99
19) 1,1-Dichloroethane	3.185	63	564719	19.665	ug/L	99
21) 2-Butanone	3.969	43	417186	186.411	ug/L	83
22) cis-1,2-Dichloroethene	3.905	96	311954	21.309	ug/L	96
23) Bromochloromethane	4.243	128	124374	19.177	ug/L	97
25) Chloroform	4.368	83	574959	19.068	ug/L	98
27) 1,2-Dichloroethane	5.127	62	321170	19.509	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	514079	19.289	ug/L	99
30) Cyclohexane	4.674	56	504506	22.440	ug/L	99
31) Carbon tetrachloride	4.825	117	443187	19.434	ug/L	100
33) Benzene	5.095	78	1234951	20.543	ug/L	100
34) Trichloroethene	5.908	95	300247	20.318	ug/L	99
35) Methylcyclohexane	6.127	83	521762	22.753	ug/L	97
37) 1,2-Dichloropropane	6.169	63	310333	20.444	ug/L	# 98
38) Bromodichloromethane	6.506	83	382078	19.902	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	419444	22.633	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	1550172	229.770	ug/L	98
42) Toluene	7.384	91	1309550	21.815	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	340355	22.534	ug/L	99

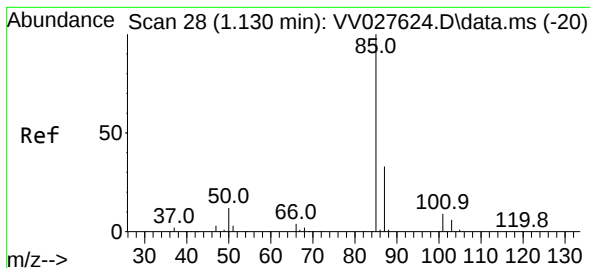
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	191038	19.511	ug/L	97
47) Tetrachloroethene	7.972	164	237261	19.802	ug/L	98
48) 2-Hexanone	8.136	43	1099800	217.293	ug/L	97
49) Dibromochloromethane	8.243	129	231020	19.913	ug/L	96
50) 1,2-Dibromoethane	8.349	107	173555	19.787	ug/L	98
51) Chlorobenzene	8.879	112	783724	20.707	ug/L	100
52) Ethylbenzene	9.008	91	1420721	23.361	ug/L	98
53) m,p-Xylene	9.136	106	543383	23.241	ug/L	97
54) o-Xylene	9.542	106	523919	23.483	ug/L	100
55) Styrene	9.558	104	912655	23.954	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	216695	20.016	ug/L	99
59) Bromoform	9.728	173	113721	18.640	ug/L	99
60) Isopropylbenzene	9.927	105	1409886	21.689	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	156593	18.019	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	388793	21.921	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	1203278	23.595	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	625243	19.931	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	612324	19.631	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	561100	19.942	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	33274	19.225	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	462816	20.463	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	352529	21.146	ug/L	99
71) Naphthalene	13.500	128	518898	19.889	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	317509	21.144	ug/L	98

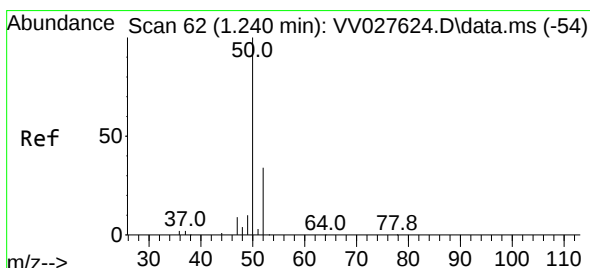
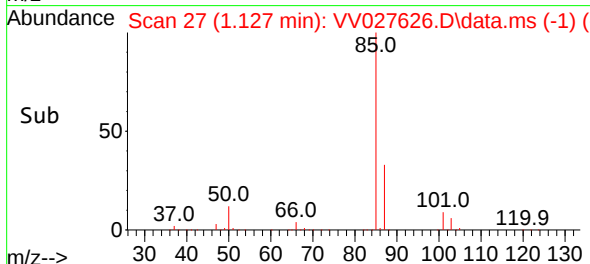
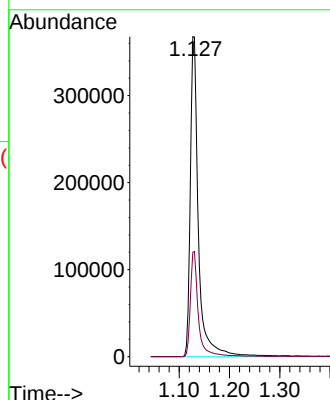
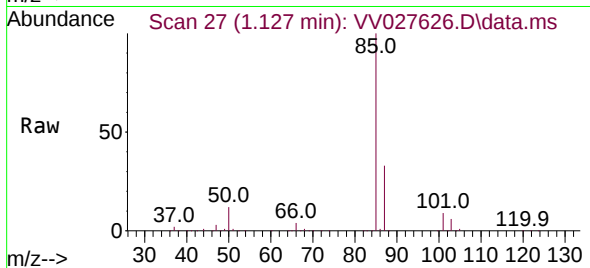
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 19.695 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV027626.D
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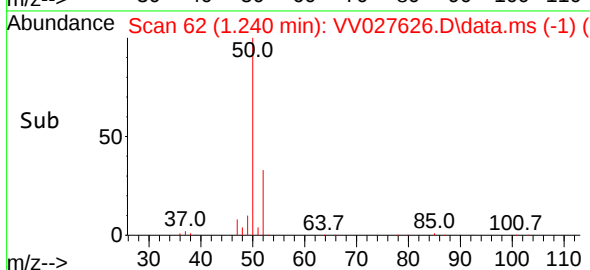
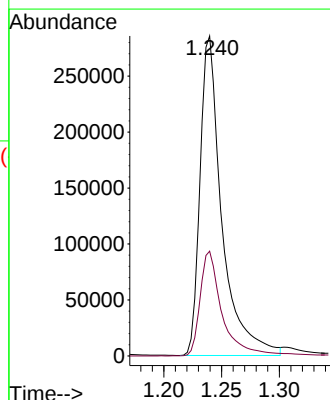
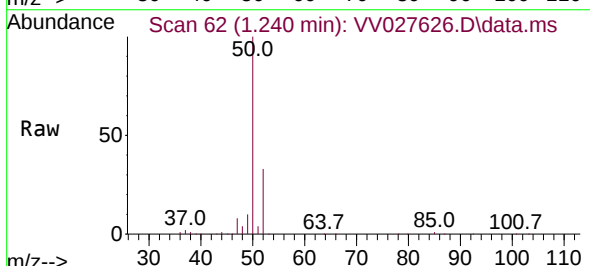
Instrument :
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 ClientSampleId :

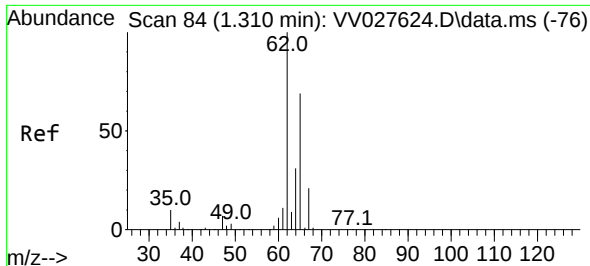
Tgt Ion: 85 Resp: 415979
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.2 39.4



#3
 Chloromethane
 Concen: 18.600 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV027626.D
 Acq: 31 Aug 2022 18:45

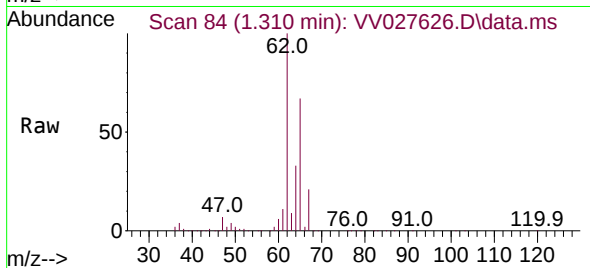
Tgt Ion: 50 Resp: 376137
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.5 43.7



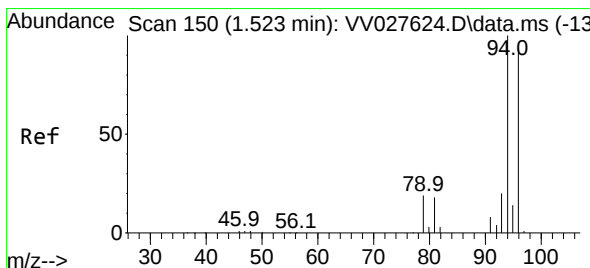
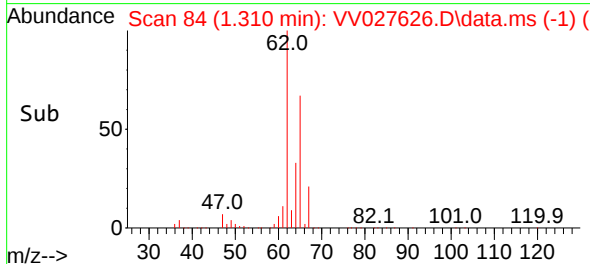
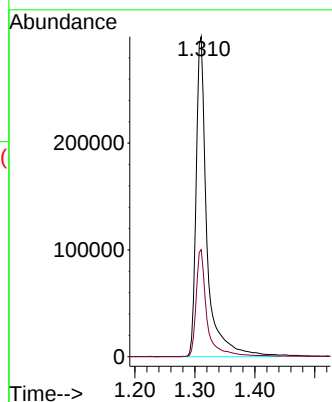


#5
 Vinyl chloride
 Concen: 19.727 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV027626.D
 Acq: 31 Aug 2022 18:45

Instrument :
 MSVOA_V
 ClientSampleId :

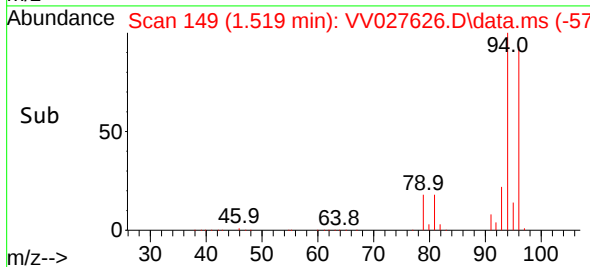
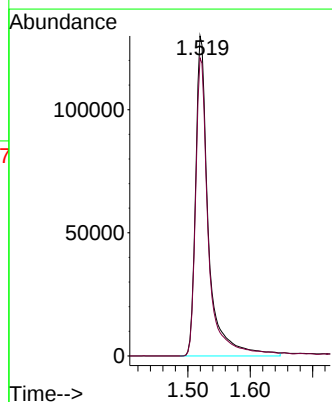
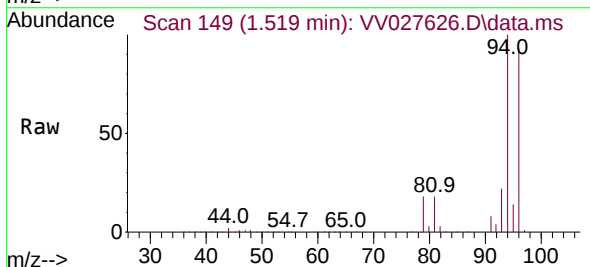


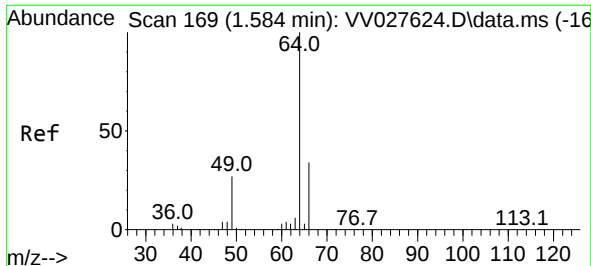
Tgt Ion: 62 Resp: 379881
 Ion Ratio Lower Upper
 62 100
 64 33.4 21.8 40.4



#6
 Bromomethane
 Concen: 20.607 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV027626.D
 Acq: 31 Aug 2022 18:45

Tgt Ion: 94 Resp: 186494
 Ion Ratio Lower Upper
 94 100
 96 93.1 65.1 120.9

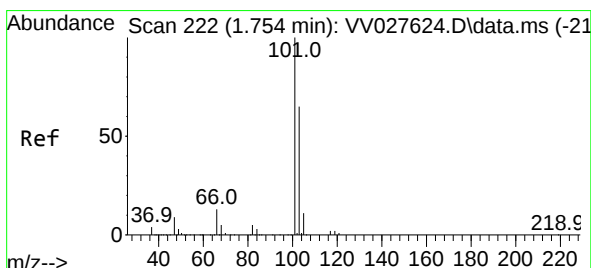
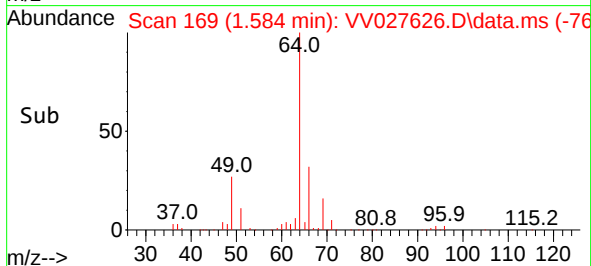
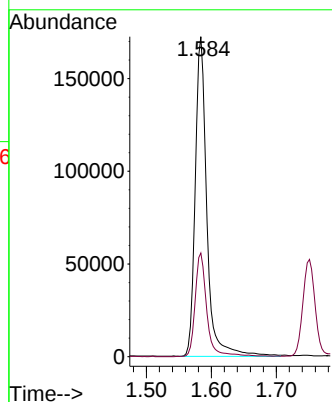
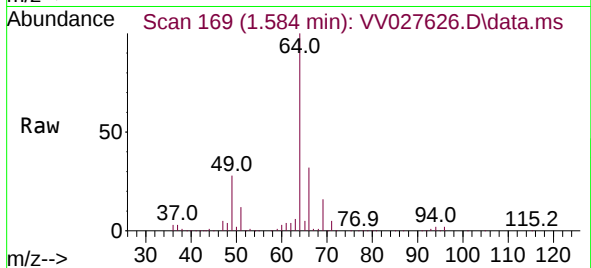




#8
Chloroethane
Concen: 19.951 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

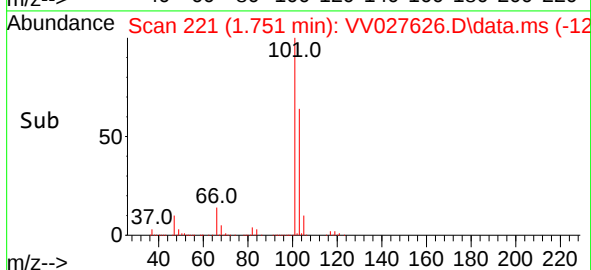
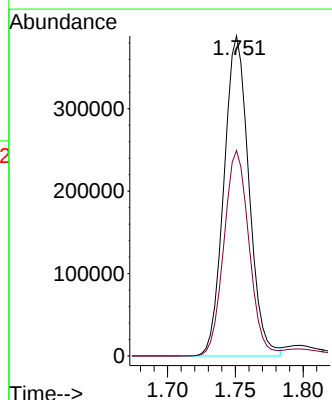
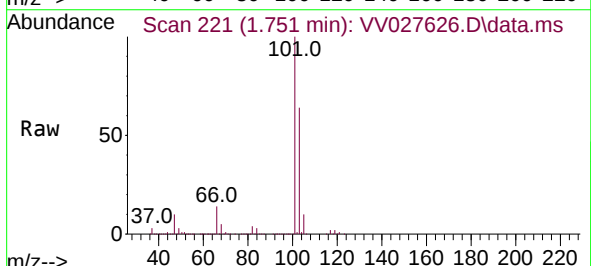
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MSVOA_V
ClientSampleId :

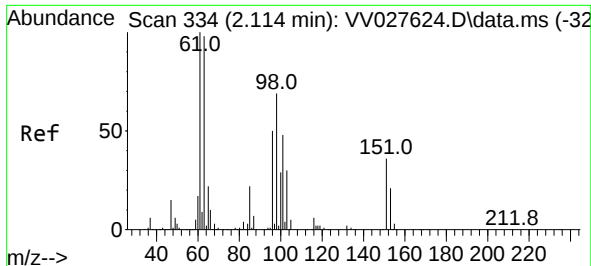
Tgt Ion: 64 Resp: 214732
Ion Ratio Lower Upper
64 100
66 32.4 24.0 44.6



#9
Trichlorofluoromethane
Concen: 19.273 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

Tgt Ion:101 Resp: 497747
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4

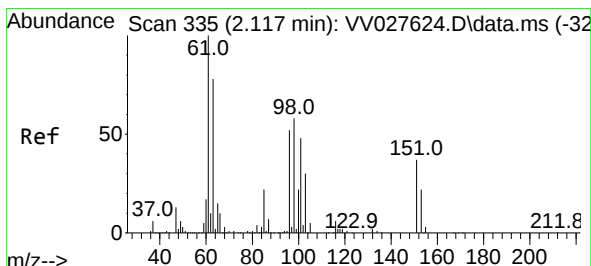
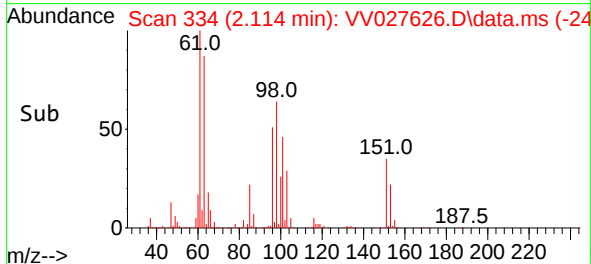
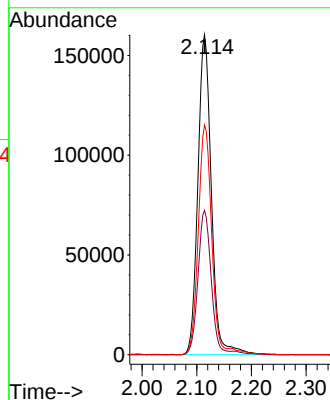
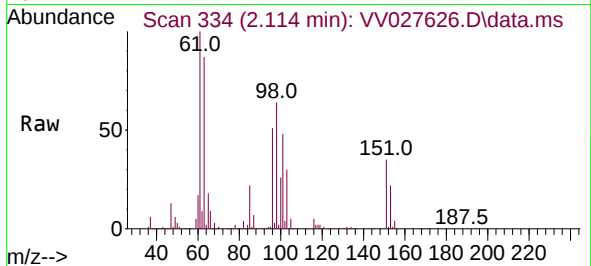




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.559 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV027626.D
 Acq: 31 Aug 2022 18:45

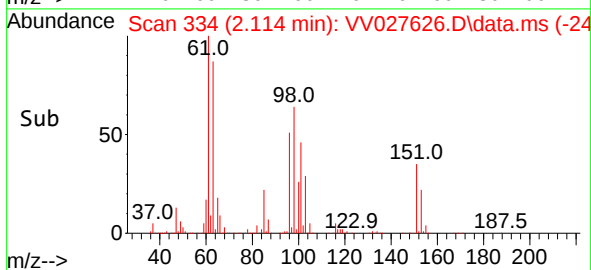
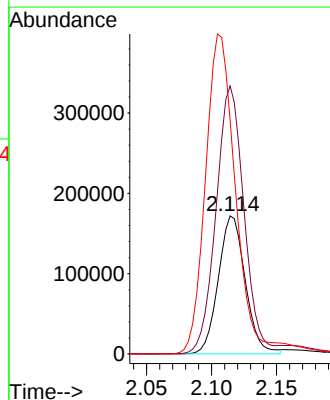
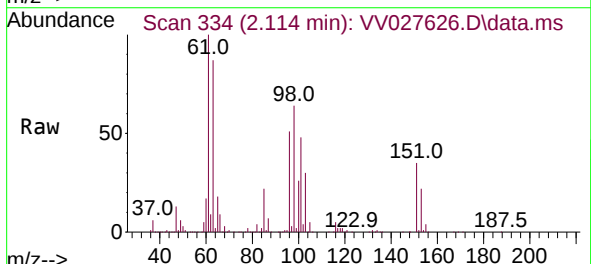
Instrument :
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 ClientSampleId :

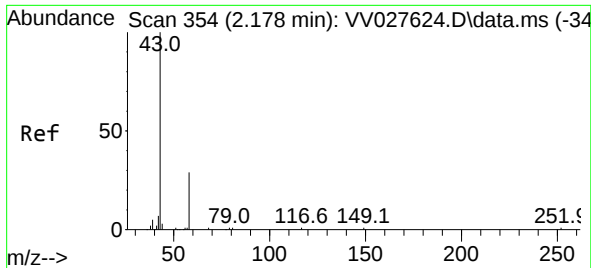
Tgt Ion:101 Resp: 274995
 Ion Ratio Lower Upper
 101 100
 85 43.6 36.7 55.1
 151 69.9 60.9 91.3



#12
 1,1-Dichloroethene
 Concen: 19.061 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV027626.D
 Acq: 31 Aug 2022 18:45

Tgt Ion: 96 Resp: 246675
 Ion Ratio Lower Upper
 96 100
 61 194.2 134.3 249.3
 63 169.3 105.7 196.3

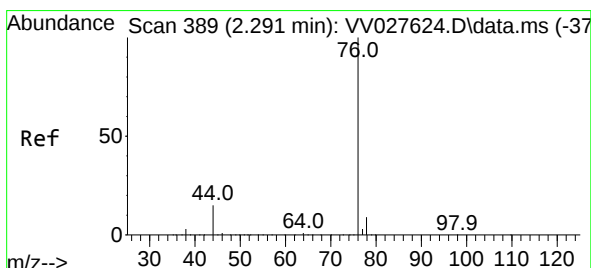
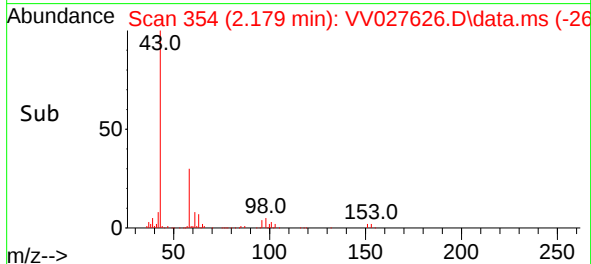
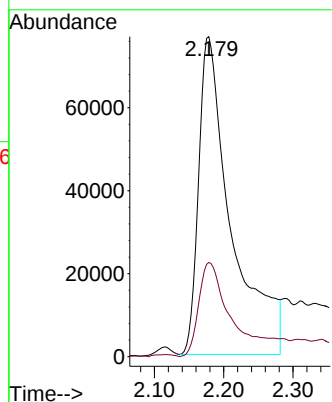
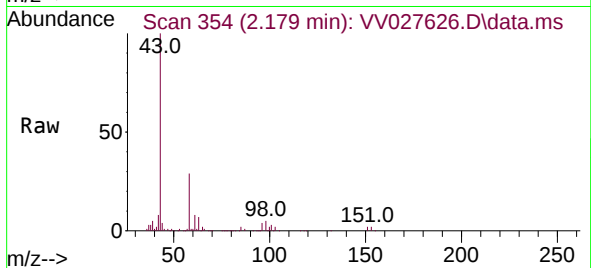




#13
Acetone
Concen: 134.592 ug/L
RT: 2.179 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

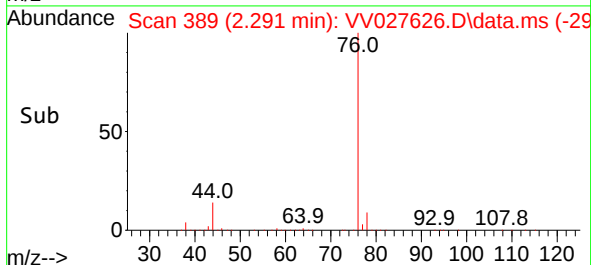
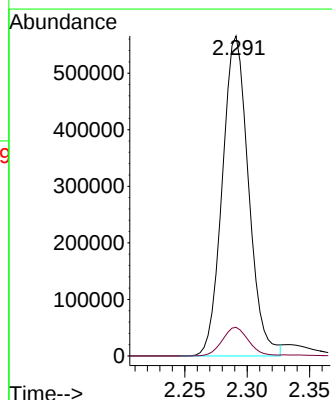
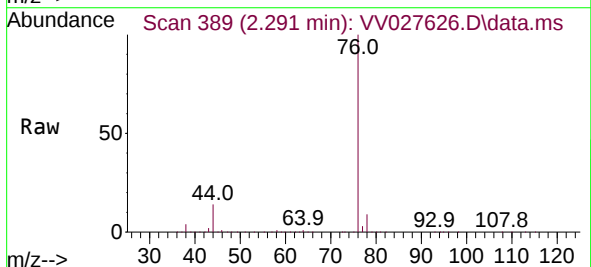
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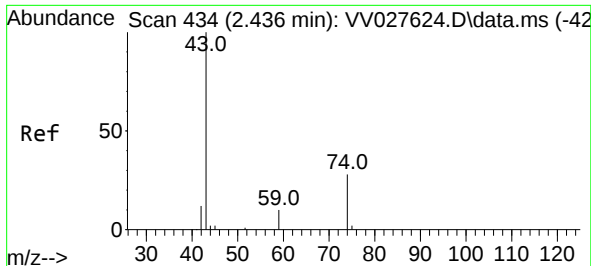
Tgt Ion: 43 Resp: 250952
Ion Ratio Lower Upper
43 100
58 31.9 0.0 38.4



#14
Carbon disulfide
Concen: 20.286 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

Tgt Ion: 76 Resp: 829500
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

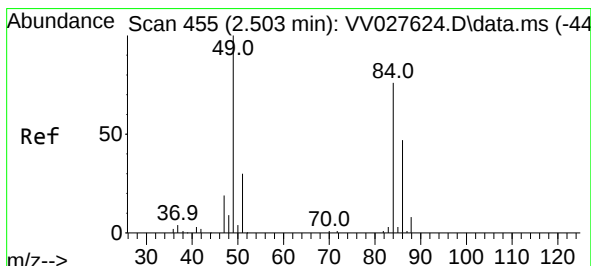
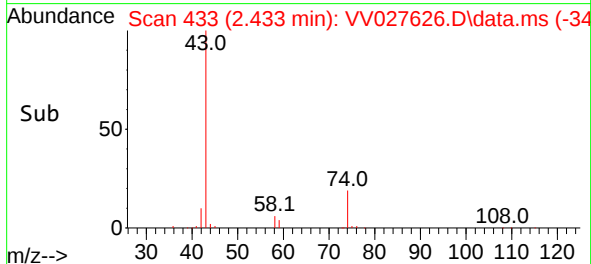
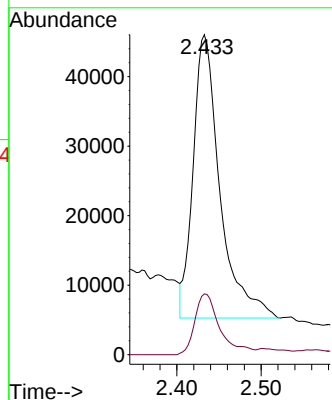
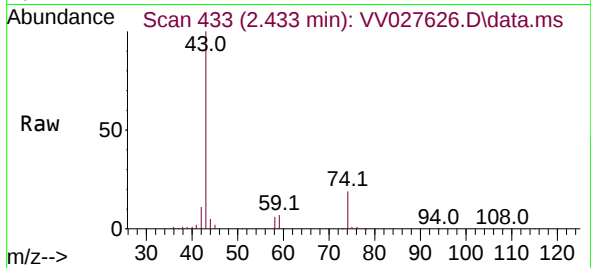




#15
Methyl Acetate
Concen: 17.590 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

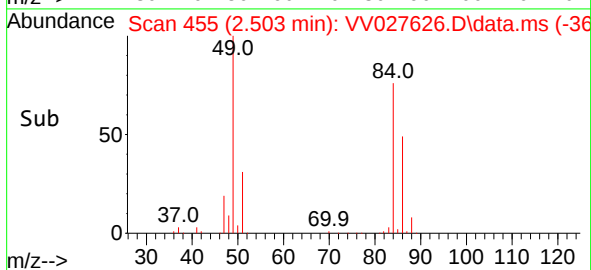
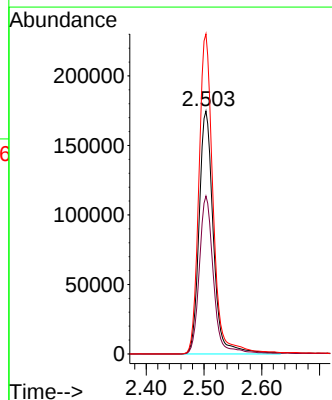
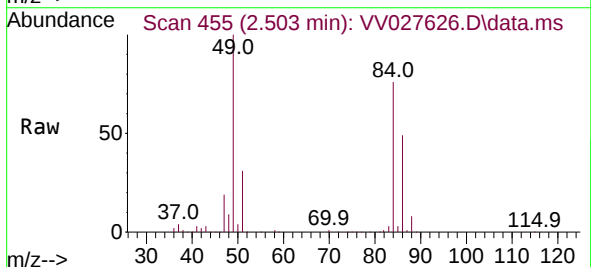
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ClientSampleId :

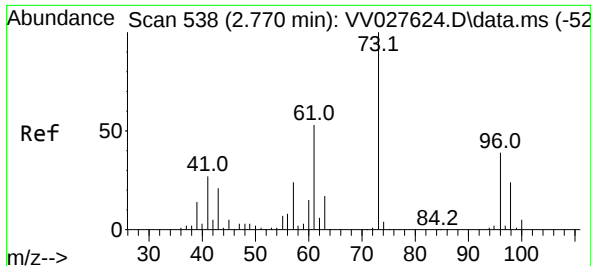
Tgt Ion: 43 Resp: 89917
Ion Ratio Lower Upper
43 100
74 20.3 18.2 27.4



#16
Methylene chloride
Concen: 18.419 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

Tgt Ion: 84 Resp: 300698
Ion Ratio Lower Upper
84 100
86 65.0 43.9 81.5
49 131.7 92.5 171.7





#17

Methyl tert-butyl Ether

Concen: 20.973 ug/L

RT: 2.767 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV027626.D

Acq: 31 Aug 2022 18:45

Instrument :

MSVOA_V

ClientSampleId :

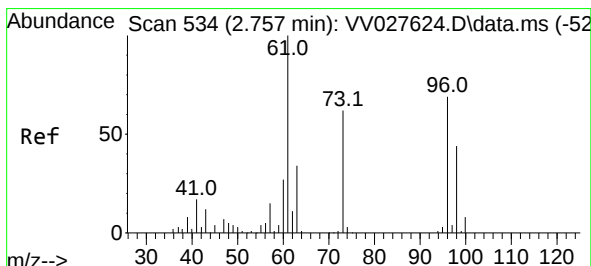
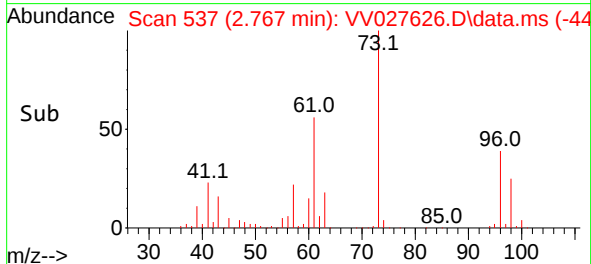
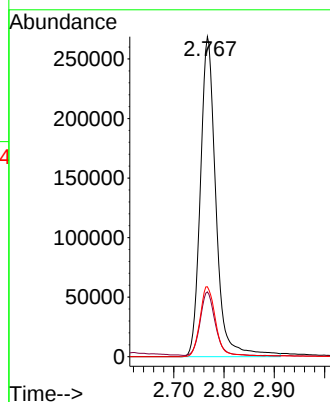
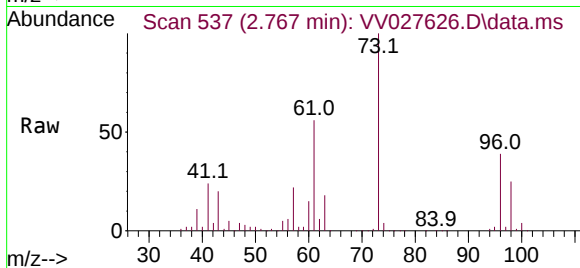
Tgt Ion: 73 Resp: 579802

Ion Ratio Lower Upper

73 100

43 19.2 16.5 24.7

57 22.3 18.2 27.2



#18

trans-1,2-Dichloroethene

Concen: 19.946 ug/L

RT: 2.757 min Scan# 534

Delta R.T. 0.000 min

Lab File: VV027626.D

Acq: 31 Aug 2022 18:45

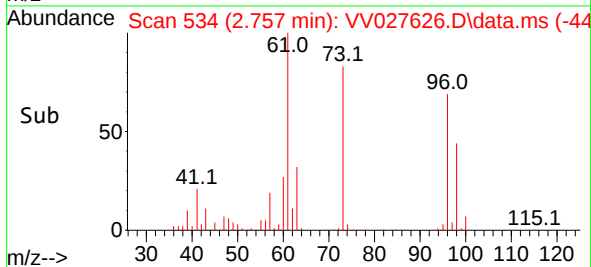
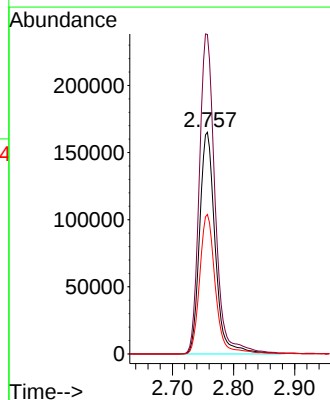
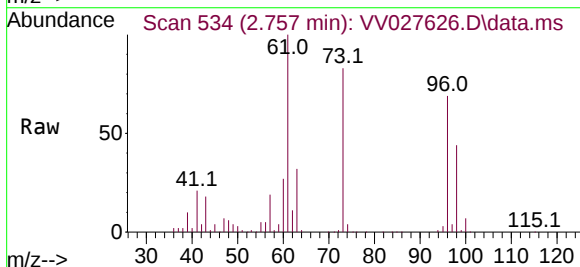
Tgt Ion: 96 Resp: 292567

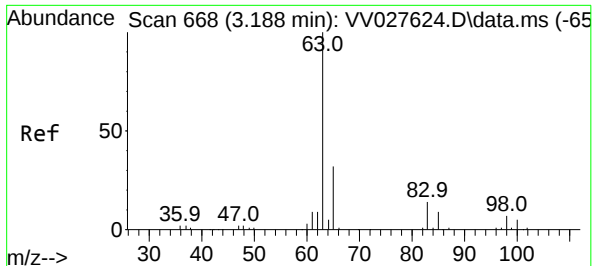
Ion Ratio Lower Upper

96 100

61 144.1 101.8 189.0

98 62.9 44.9 83.3





#19

1,1-Dichloroethane

Concen: 19.665 ug/L

RT: 3.185 min Scan# 668

Delta R.T. -0.003 min

Lab File: VV027626.D

Acq: 31 Aug 2022 18:45

Instrument :

MSVOA_V

ClientSampleId :

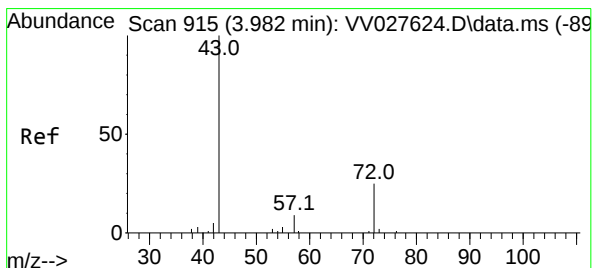
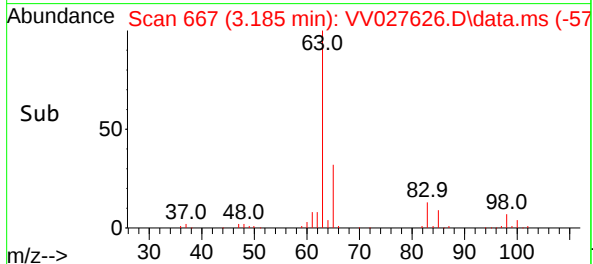
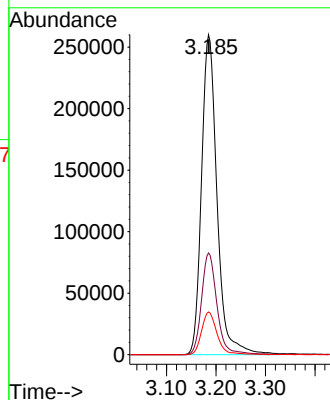
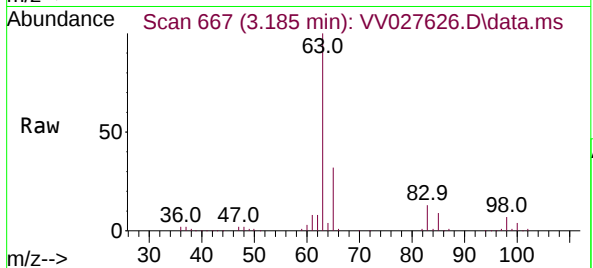
Tgt Ion: 63 Resp: 564719

Ion Ratio Lower Upper

63 100

65 31.8 22.7 42.1

83 13.3 9.7 18.1



#21

2-Butanone

Concen: 186.411 ug/L

RT: 3.969 min Scan# 911

Delta R.T. -0.013 min

Lab File: VV027626.D

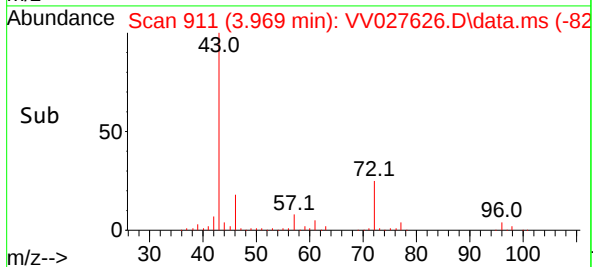
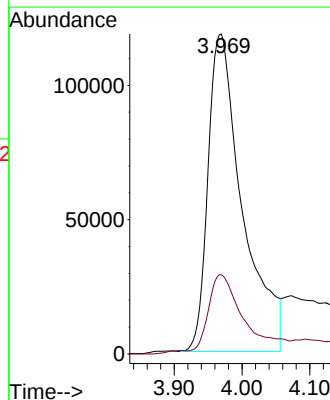
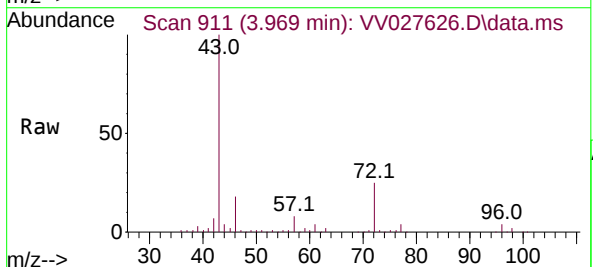
Acq: 31 Aug 2022 18:45

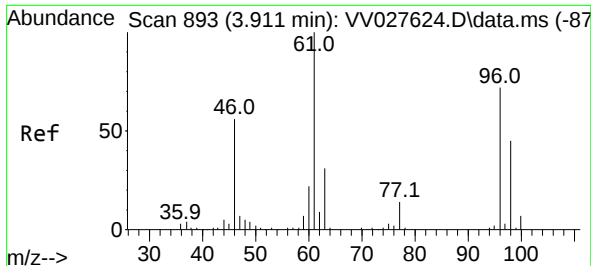
Tgt Ion: 43 Resp: 417186

Ion Ratio Lower Upper

43 100

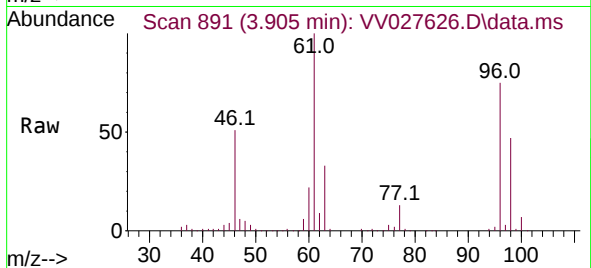
72 24.0 8.3 24.9





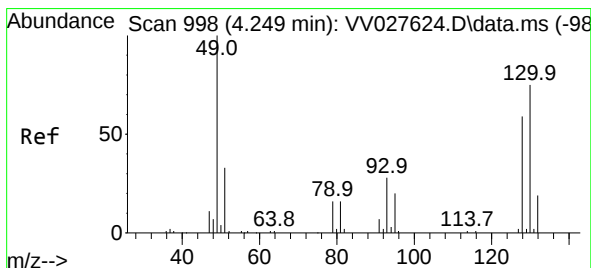
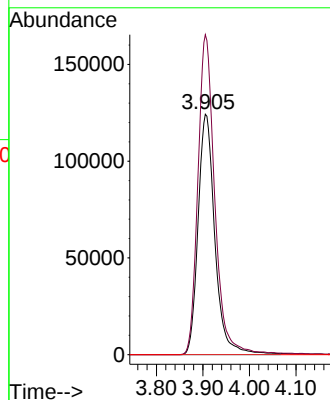
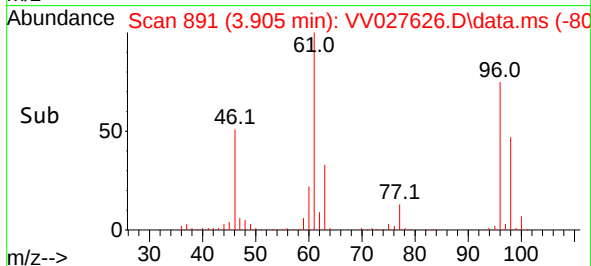
#22
 cis-1,2-Dichloroethene
 Concen: 21.309 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.006 min
 Lab File: VV027626.D
 Acq: 31 Aug 2022 18:45

Instrument :
 MSVOA_V
 ClientSampleId :

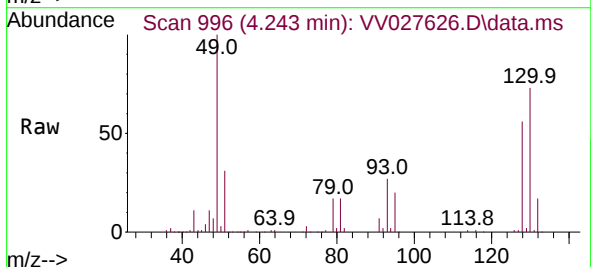


Tgt Ion: 96 Resp: 311954

Ion	Ratio	Lower	Upper
96	100		
61	133.1	96.9	180.1
68	0.0	0.0	0.0

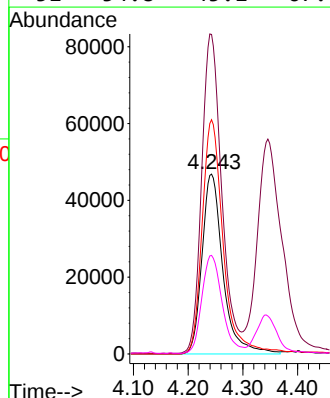
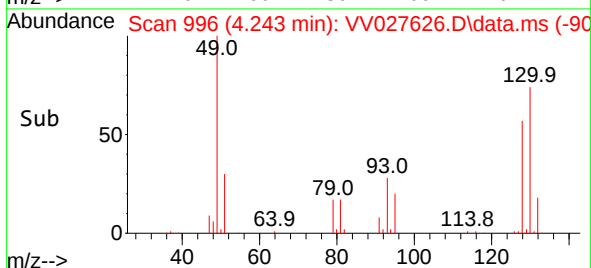


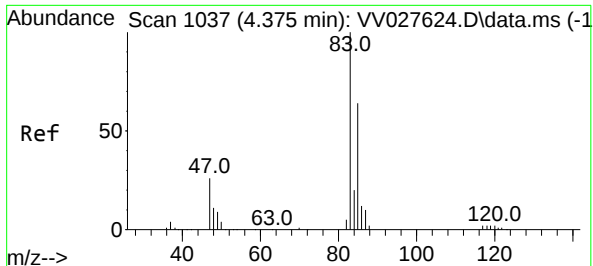
#23
 Bromochloromethane
 Concen: 19.177 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VV027626.D
 Acq: 31 Aug 2022 18:45



Tgt Ion: 128 Resp: 124374

Ion	Ratio	Lower	Upper
128	100		
49	177.6	120.1	223.1
130	130.2	89.0	165.4
51	54.8	45.1	67.7

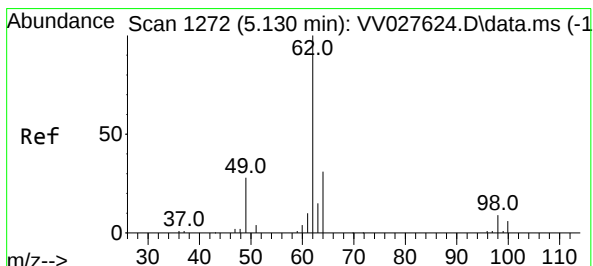
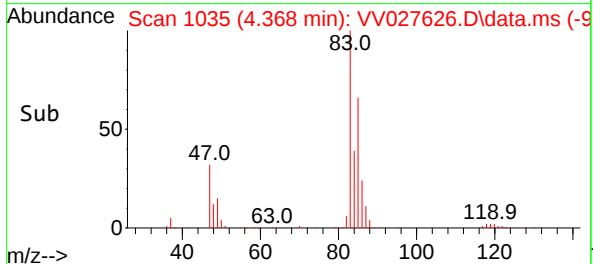
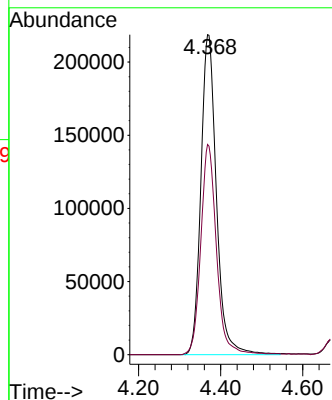
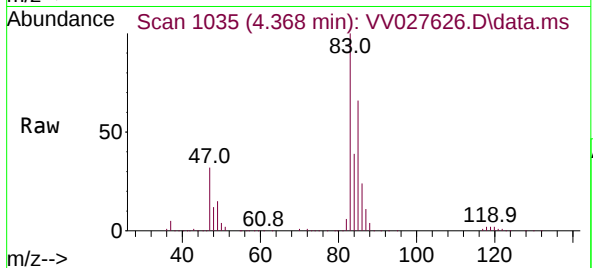




#25
Chloroform
Concen: 19.068 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

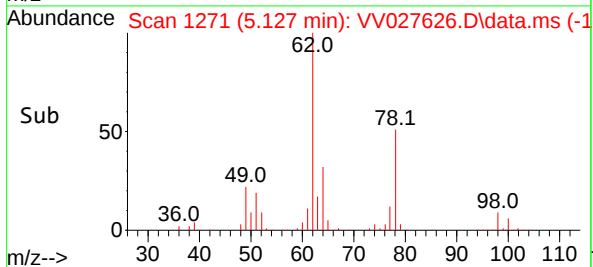
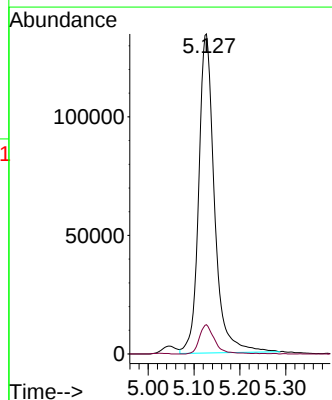
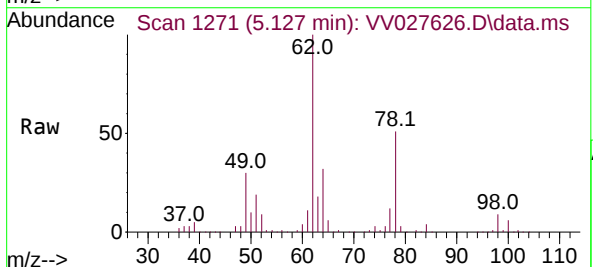
Instrument :
MSVOA_V
ClientSampleId :

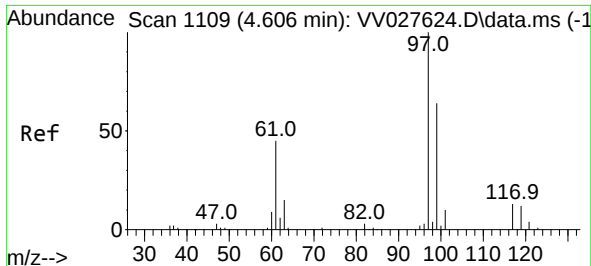
Tgt Ion: 83 Resp: 574959
Ion Ratio Lower Upper
83 100
85 65.7 44.7 83.1



#27
1,2-Dichloroethane
Concen: 19.509 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

Tgt Ion: 62 Resp: 321170
Ion Ratio Lower Upper
62 100
98 9.1 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 19.289 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV027626.D

Acq: 31 Aug 2022 18:45

Instrument :

MSVOA_V

ClientSampleId :

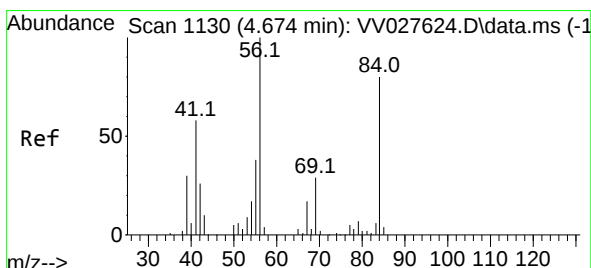
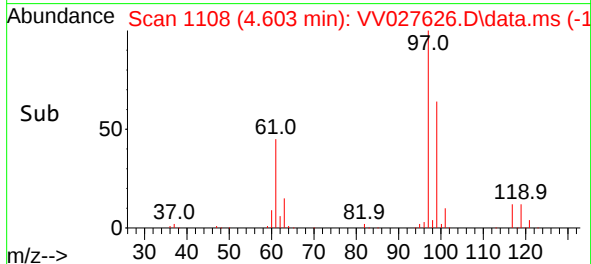
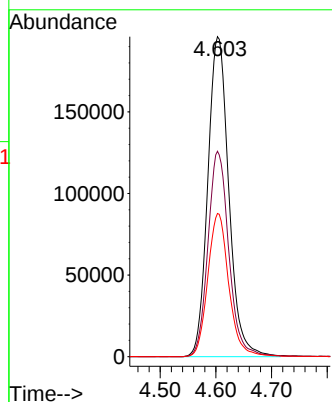
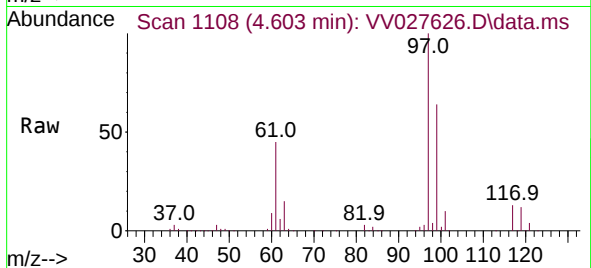
Tgt Ion: 97 Resp: 514079

Ion Ratio Lower Upper

97 100

99 63.9 50.6 75.8

61 44.9 36.1 54.1



#30

Cyclohexane

Concen: 22.440 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VV027626.D

Acq: 31 Aug 2022 18:45

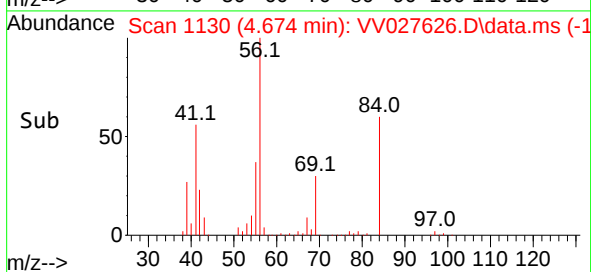
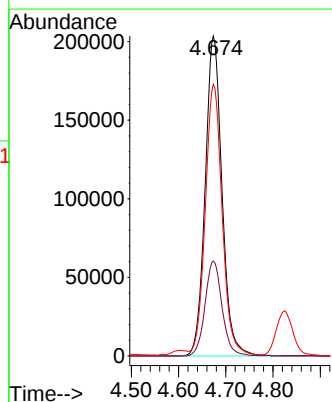
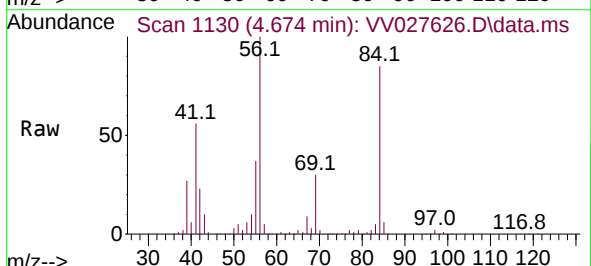
Tgt Ion: 56 Resp: 504506

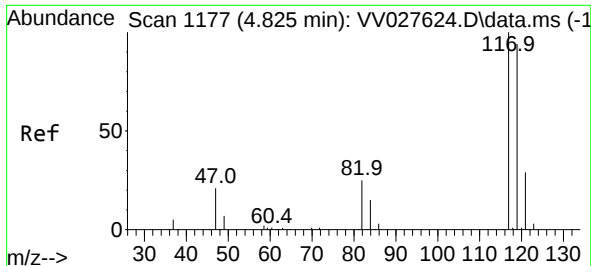
Ion Ratio Lower Upper

56 100

69 30.1 24.1 36.1

84 84.8 66.9 100.3

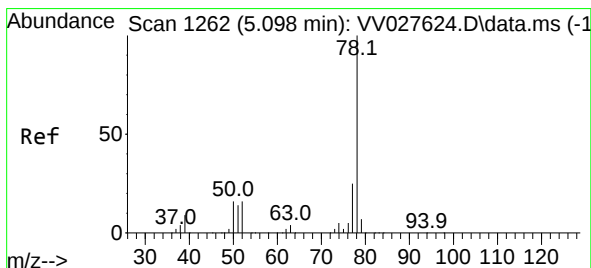
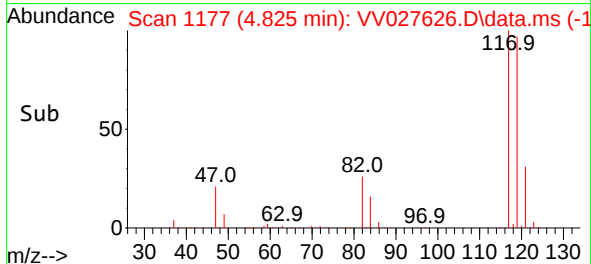
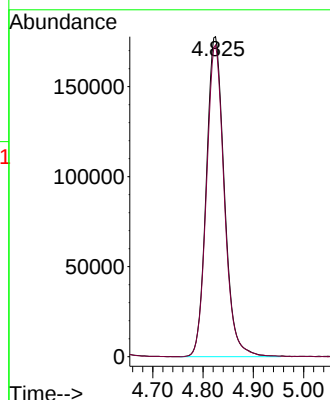
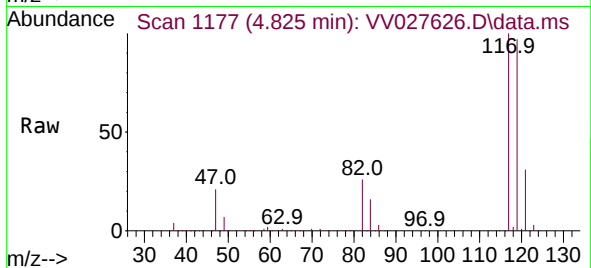




#31
Carbon tetrachloride
Concen: 19.434 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

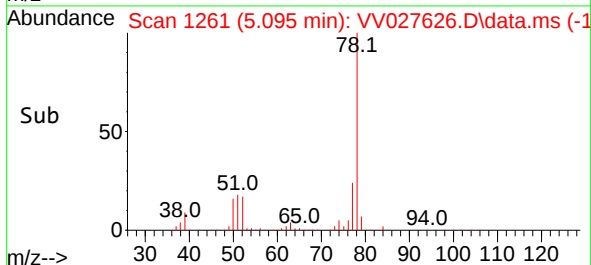
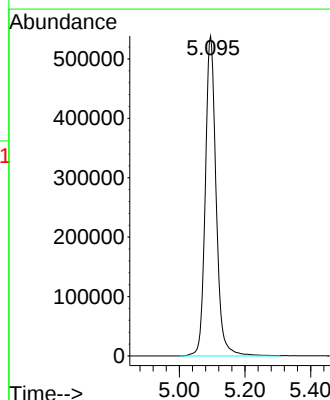
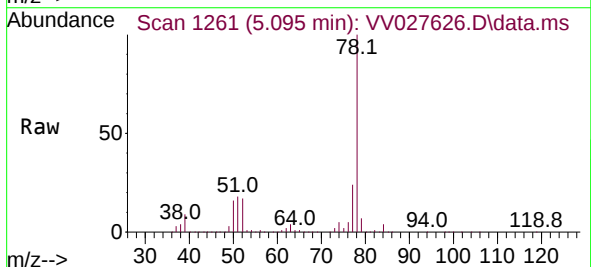
Instrument :
MSVOA_V
ClientSampleId :

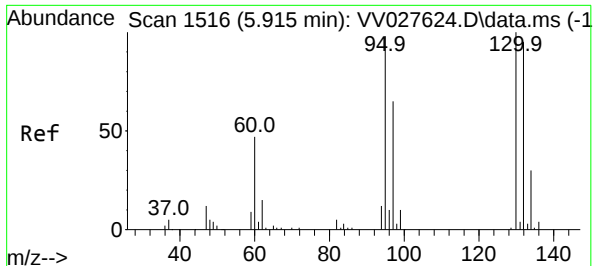
Tgt Ion:117 Resp: 443187
Ion Ratio Lower Upper
117 100
119 96.2 76.8 115.2



#33
Benzene
Concen: 20.543 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

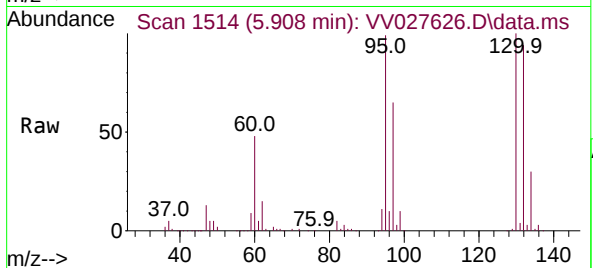
Tgt Ion: 78 Resp: 1234951





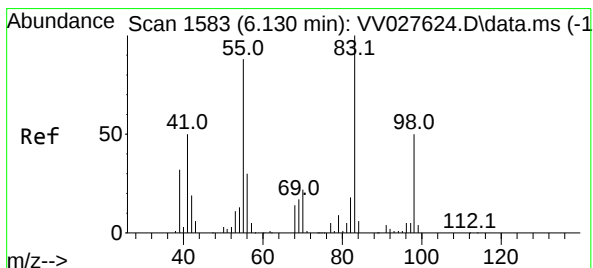
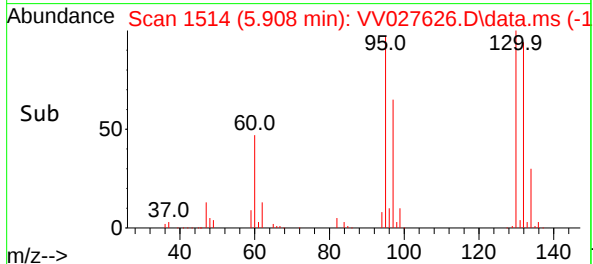
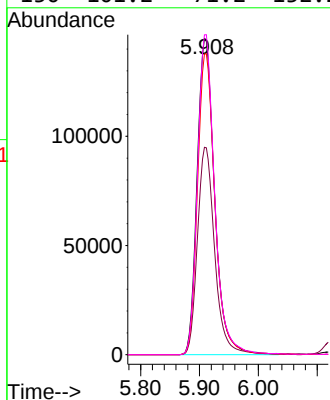
#34
Trichloroethene
Concen: 20.318 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.006 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 300247

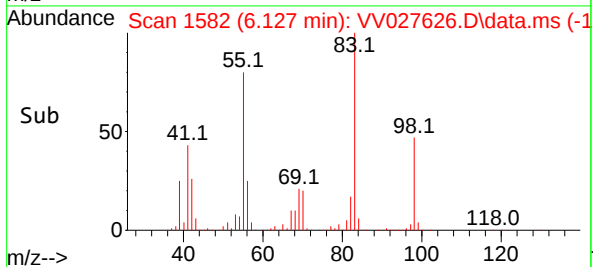
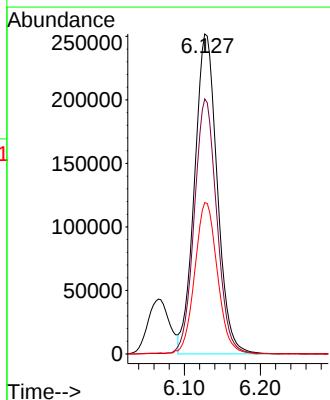
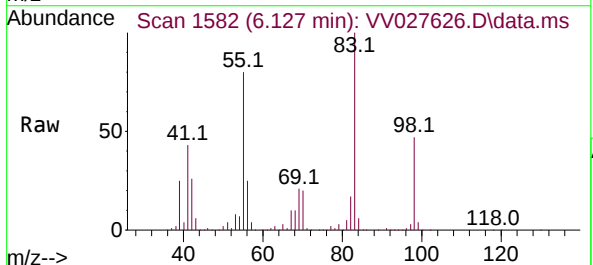
Ion	Ratio	Lower	Upper
95	100		
97	65.6	46.1	85.5
132	95.1	67.3	125.1
130	101.2	71.2	132.2

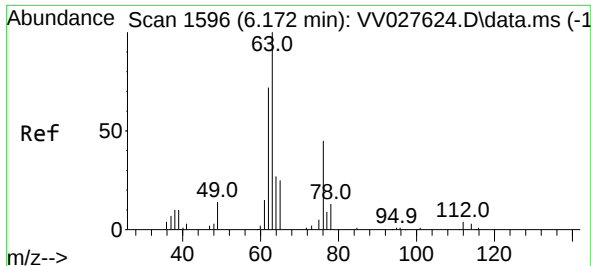


#35
Methylcyclohexane
Concen: 22.753 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

Tgt Ion: 83 Resp: 521762

Ion	Ratio	Lower	Upper
83	100		
55	79.0	66.0	99.0
98	47.3	36.9	55.3





#37

1,2-Dichloropropane

Concen: 20.444 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV027626.D

Acq: 31 Aug 2022 18:45

Instrument :

MSVOA_V

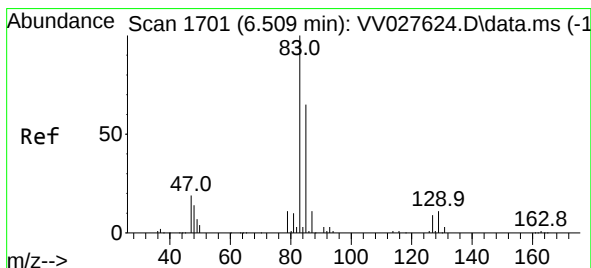
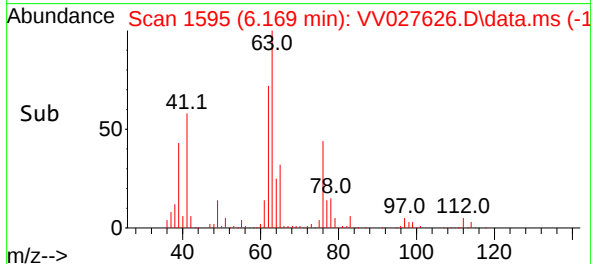
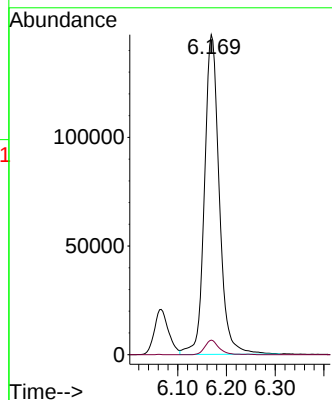
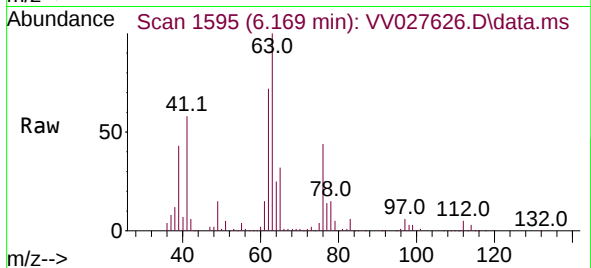
ClientSampleId :

Tgt Ion: 63 Resp: 310333

Ion Ratio Lower Upper

63 100

112 4.4 2.9 4.3#



#38

Bromodichloromethane

Concen: 19.902 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV027626.D

Acq: 31 Aug 2022 18:45

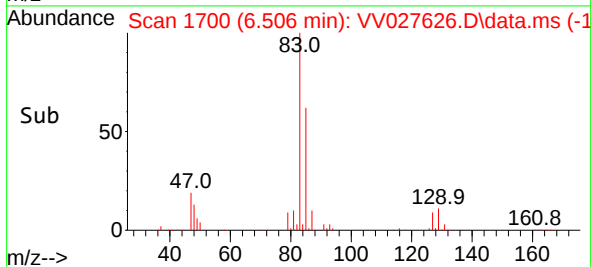
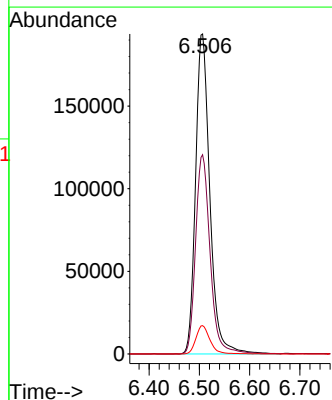
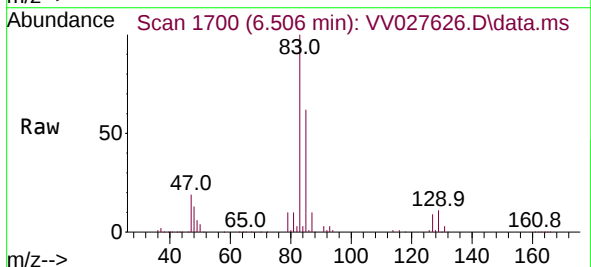
Tgt Ion: 83 Resp: 382078

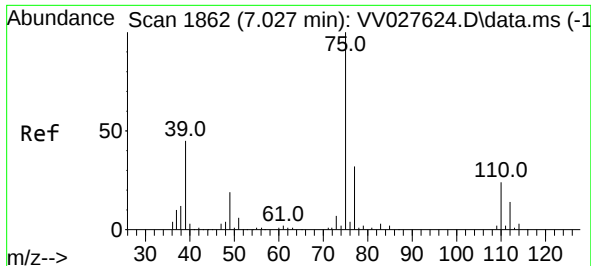
Ion Ratio Lower Upper

83 100

85 62.2 45.2 84.0

127 8.9 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 22.633 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV027626.D

Acq: 31 Aug 2022 18:45

Instrument :

MSVOA_V

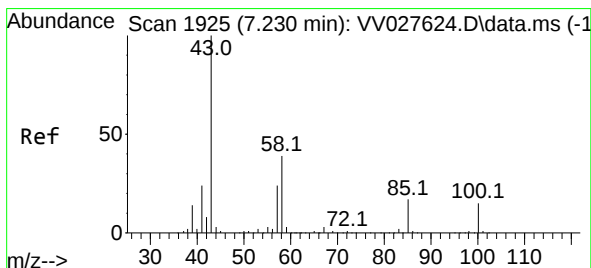
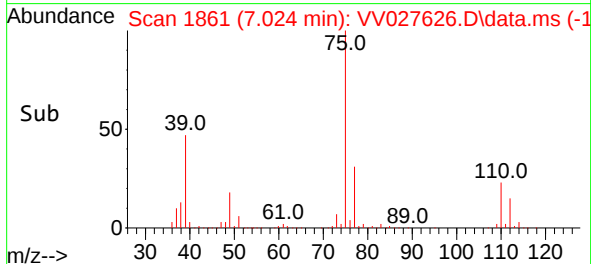
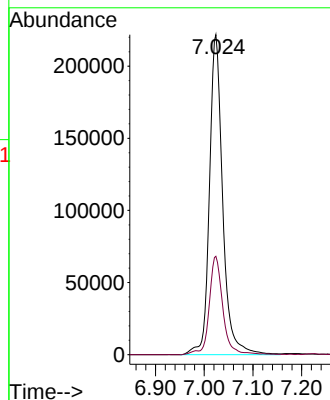
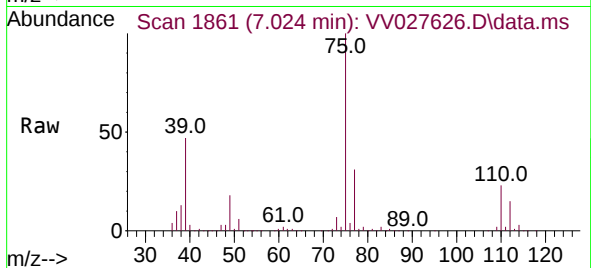
ClientSampleId :

Tgt Ion: 75 Resp: 419444

Ion Ratio Lower Upper

75 100

77 30.7 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 229.770 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.006 min

Lab File: VV027626.D

Acq: 31 Aug 2022 18:45

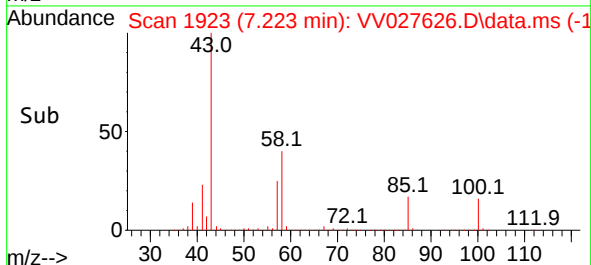
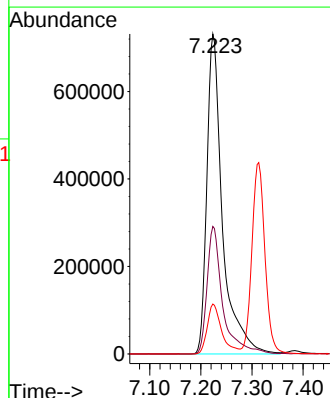
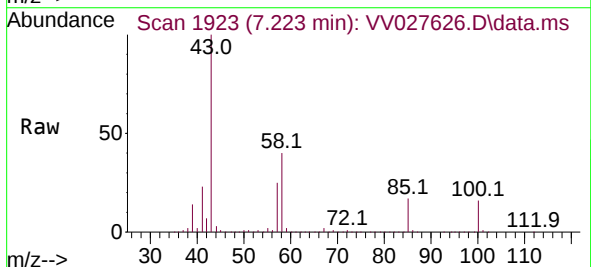
Tgt Ion: 43 Resp: 1550172

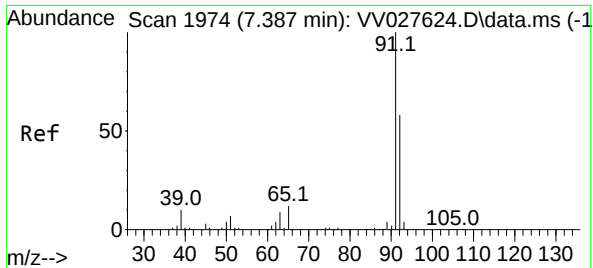
Ion Ratio Lower Upper

43 100

58 39.9 31.4 47.0

100 14.5 10.5 15.7

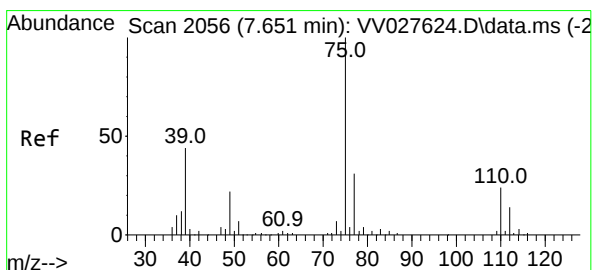
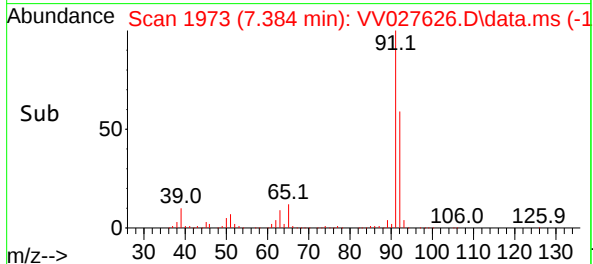
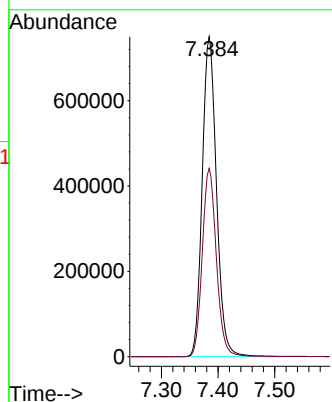
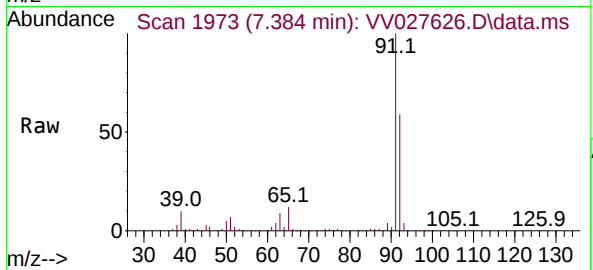




#42
Toluene
Concen: 21.815 ug/L
RT: 7.384 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

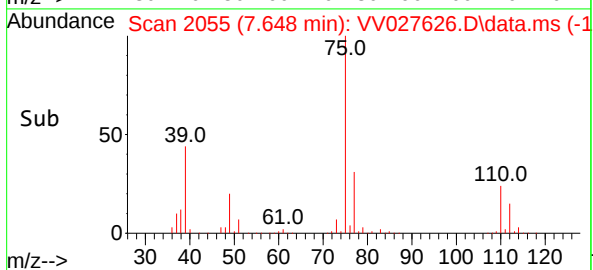
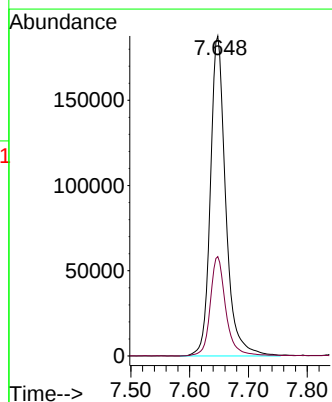
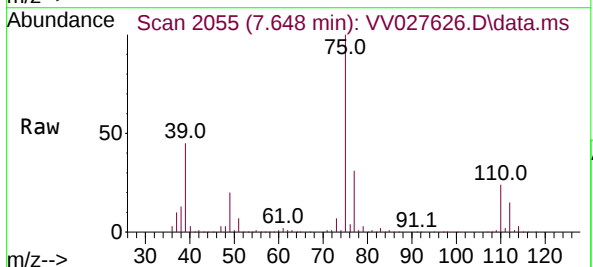
Instrument :
MSVOA_V
ClientSampleId :

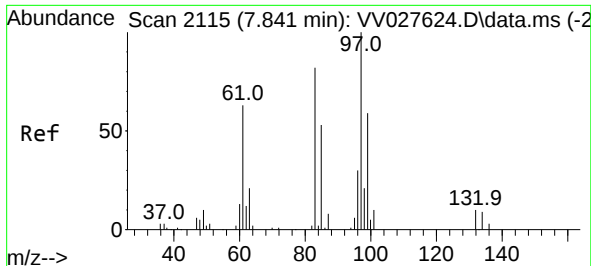
Tgt Ion: 91 Resp: 1309550
Ion Ratio Lower Upper
91 100
92 58.8 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 22.534 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

Tgt Ion: 75 Resp: 340355
Ion Ratio Lower Upper
75 100
77 31.0 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 19.511 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. -0.006 min

Lab File: VV027626.D

Acq: 31 Aug 2022 18:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 191038

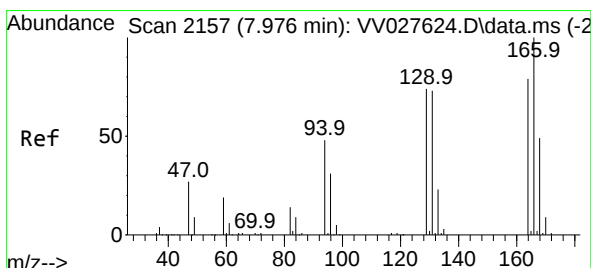
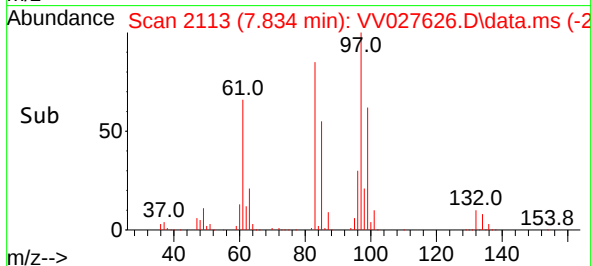
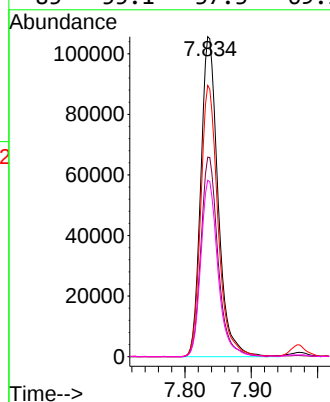
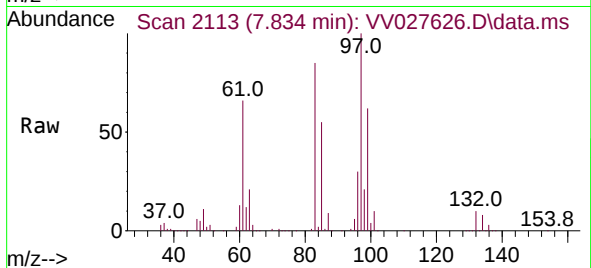
Ion Ratio Lower Upper

97 100

99 62.3 41.3 76.7

83 84.8 57.5 106.9

85 55.1 37.3 69.3



#47

Tetrachloroethene

Concen: 19.802 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV027626.D

Acq: 31 Aug 2022 18:45

Tgt Ion:164 Resp: 237261

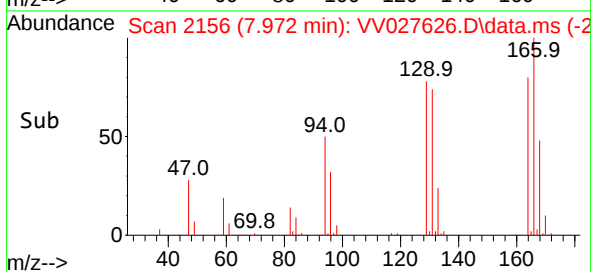
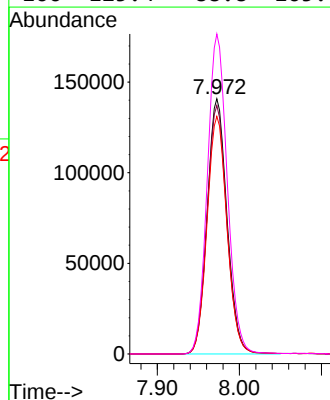
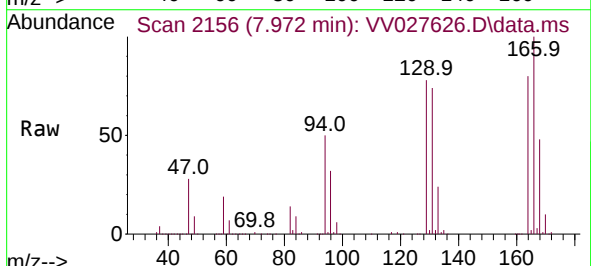
Ion Ratio Lower Upper

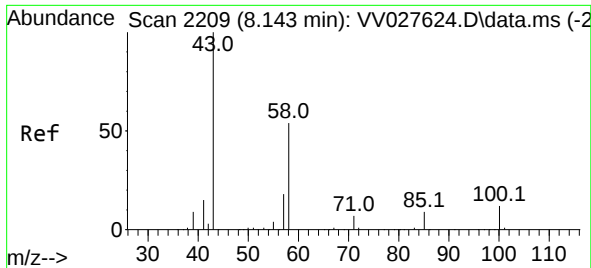
164 100

129 97.4 65.9 122.3

131 93.1 64.5 119.7

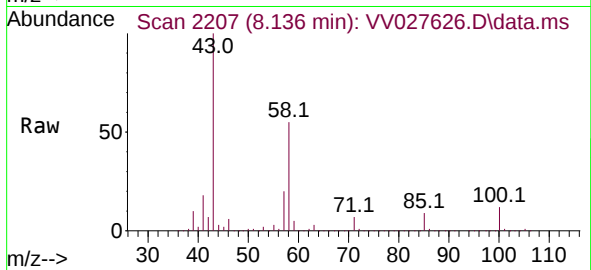
166 125.4 88.8 165.0



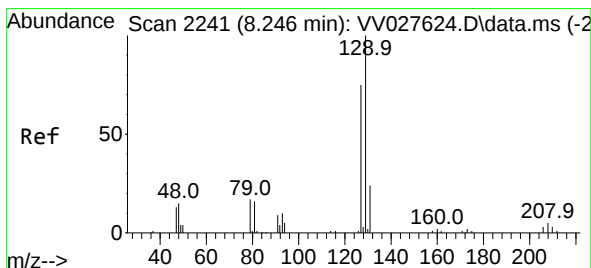
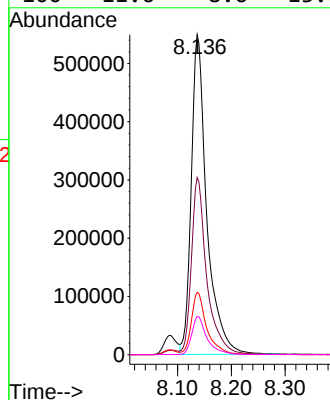
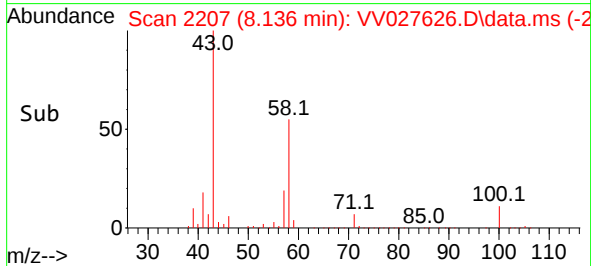


#48
2-Hexanone
Concen: 217.293 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.006 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

Instrument :
MSVOA_V
ClientSampleId :

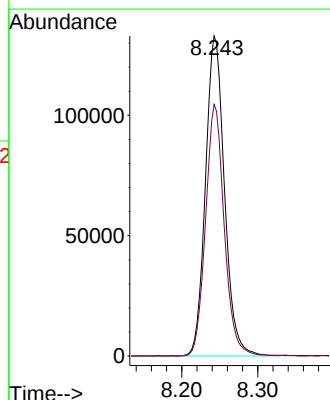
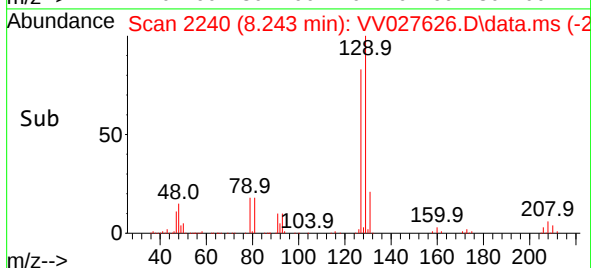
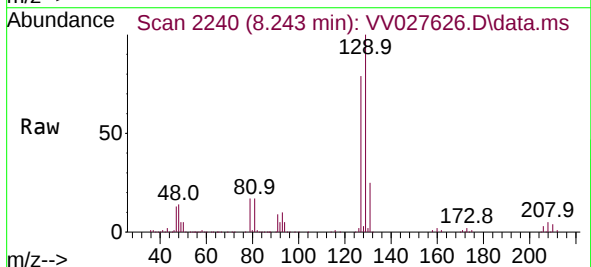


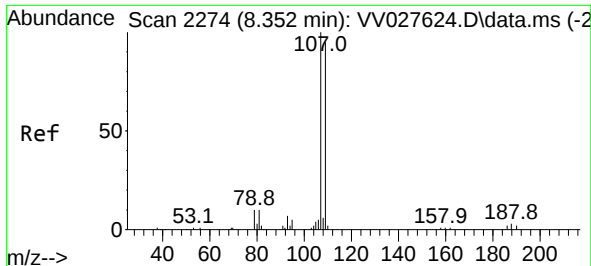
Tgt Ion: 43 Resp: 1099800
Ion Ratio Lower Upper
43 100
58 54.8 42.1 63.1
57 19.3 14.5 21.7
100 11.6 8.6 13.0



#49
Dibromochloromethane
Concen: 19.913 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

Tgt Ion:129 Resp: 231020
Ion Ratio Lower Upper
129 100
127 78.6 52.4 97.4





#50

1,2-Dibromoethane

Concen: 19.787 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV027626.D

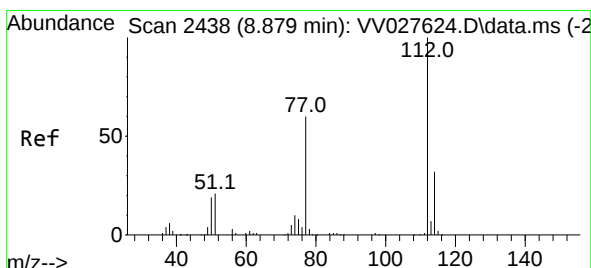
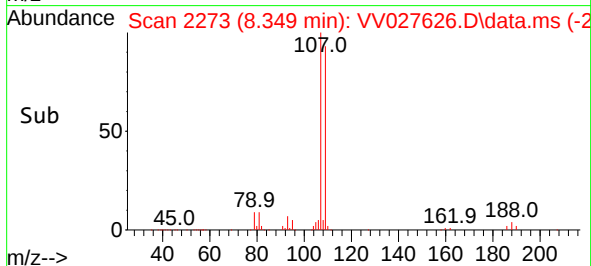
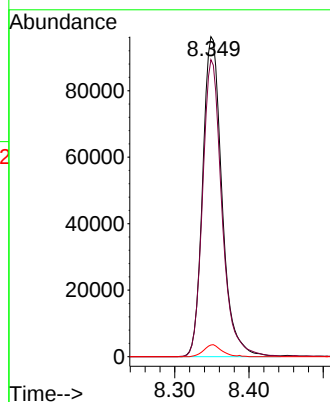
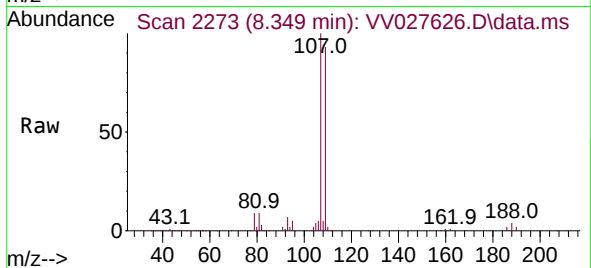
Acq: 31 Aug 2022 18:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	173555
Ion	Ratio	Lower	Upper
107	100		
109	92.8	66.2	123.0
188	3.7	2.6	3.8



#51

Chlorobenzene

Concen: 20.707 ug/L

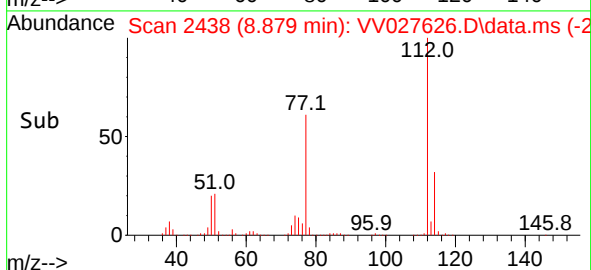
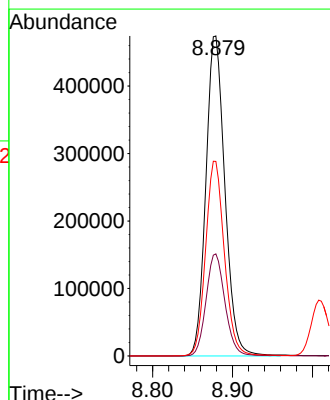
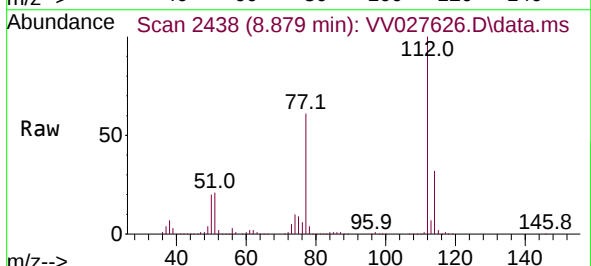
RT: 8.879 min Scan# 2438

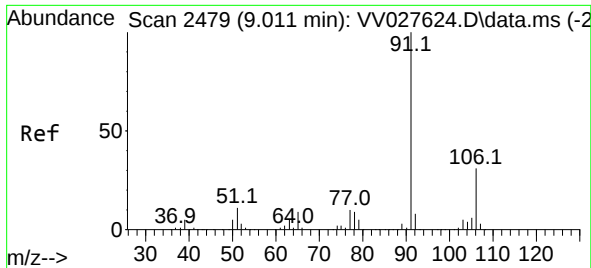
Delta R.T. 0.000 min

Lab File: VV027626.D

Acq: 31 Aug 2022 18:45

Tgt Ion:	112	Resp:	783724
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.3	41.3
77	60.8	48.5	72.7

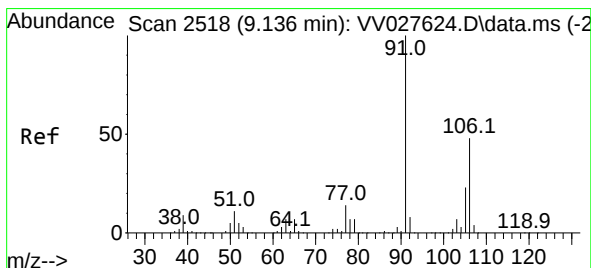
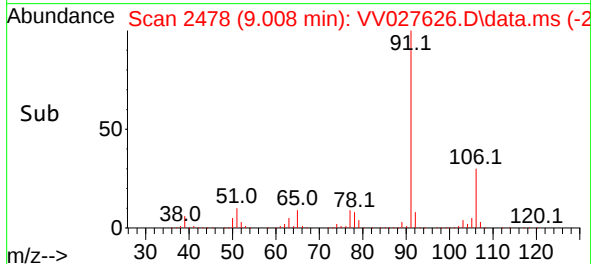
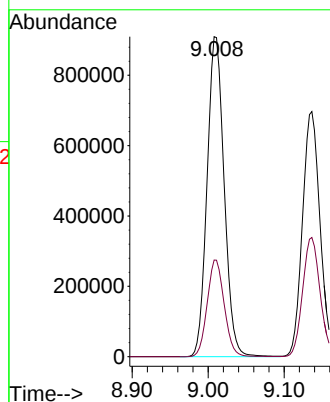
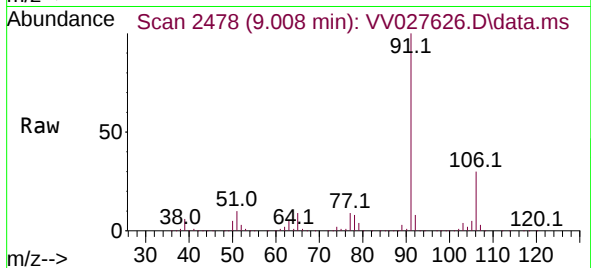




#52
Ethylbenzene
Concen: 23.361 ug/L
RT: 9.008 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

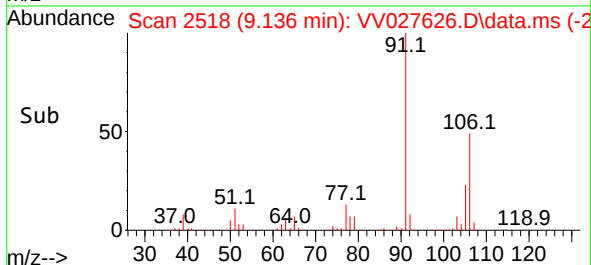
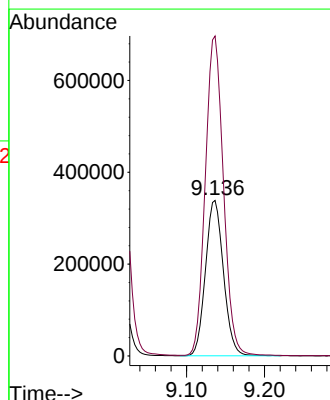
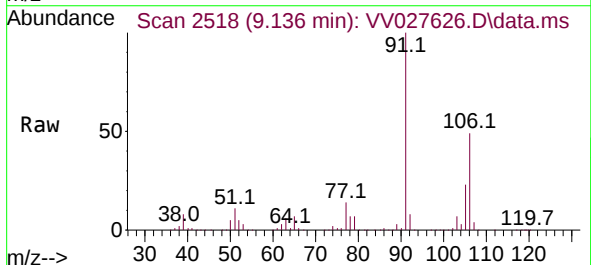
Instrument :
MSVOA_V
ClientSampleId :

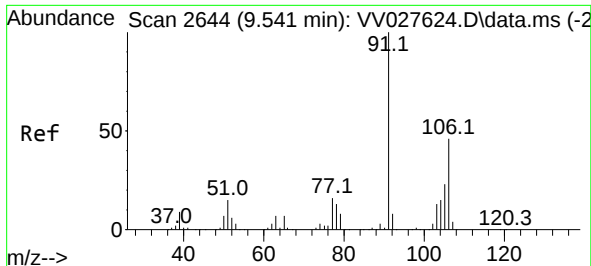
Tgt Ion: 91 Resp: 1420721
Ion Ratio Lower Upper
91 100
106 30.2 21.9 40.7



#53
m,p-Xylene
Concen: 23.241 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

Tgt Ion: 106 Resp: 543383
Ion Ratio Lower Upper
106 100
91 205.7 147.3 273.5

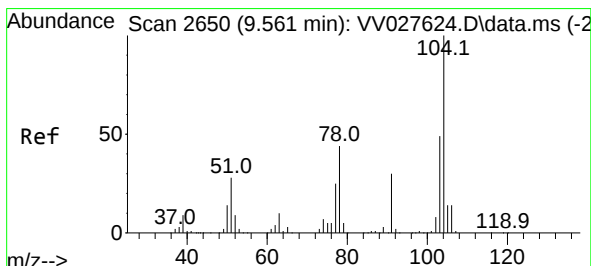
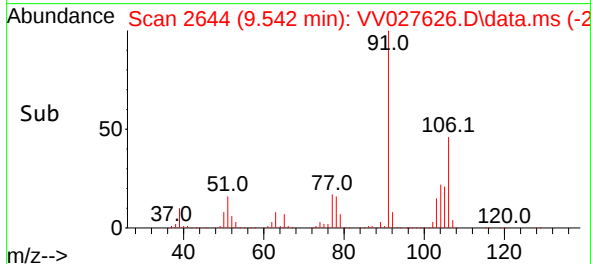
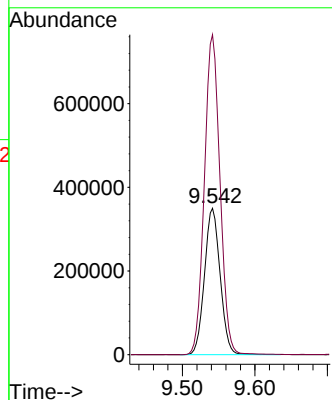
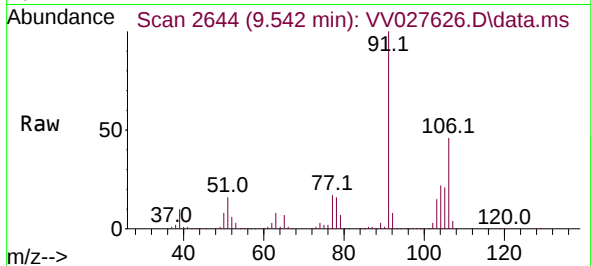




#54
o-Xylene
Concen: 23.483 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

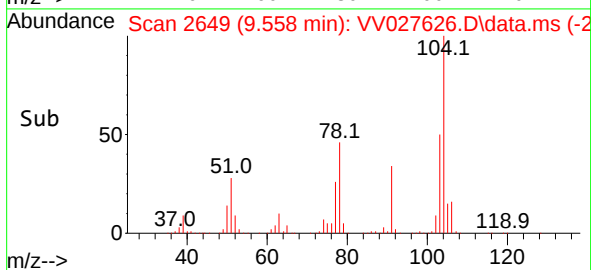
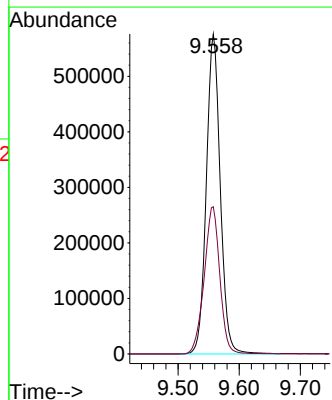
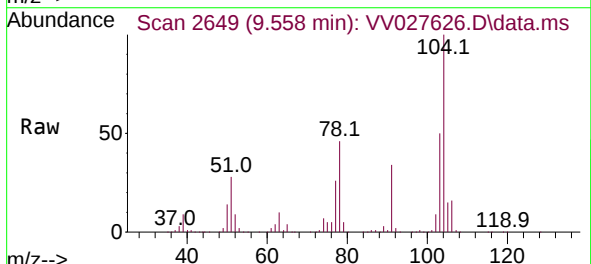
Instrument :
MSVOA_V
ClientSampleId :

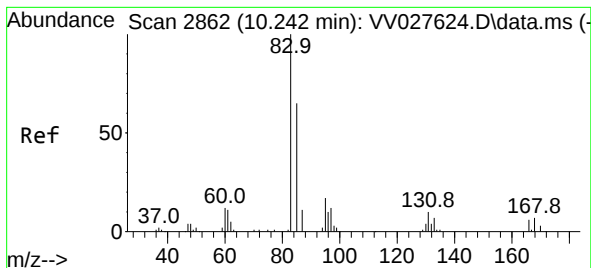
Tgt Ion:106 Resp: 523919
Ion Ratio Lower Upper
106 100
91 218.7 152.9 284.1



#55
Styrene
Concen: 23.954 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

Tgt Ion:104 Resp: 912655
Ion Ratio Lower Upper
104 100
78 46.0 31.1 57.7

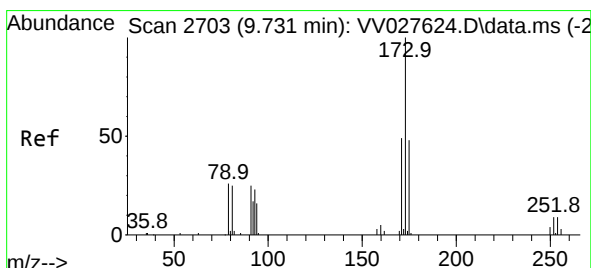
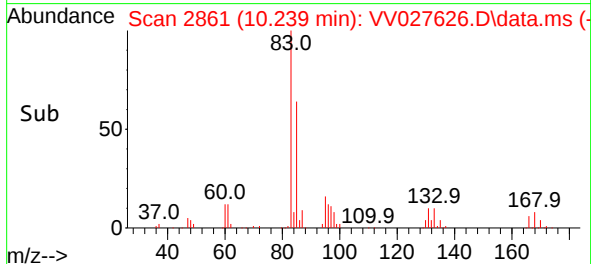
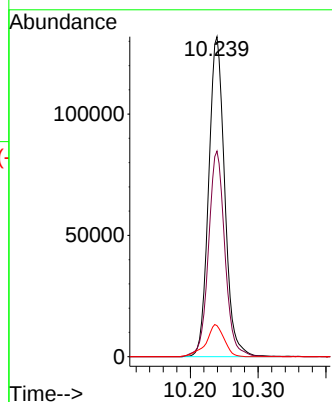
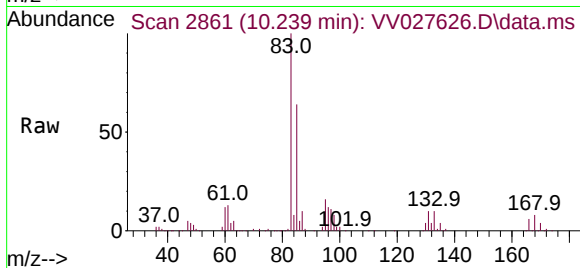




#57
1,1,2,2-Tetrachloroethane
Concen: 20.016 ug/L
RT: 10.239 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

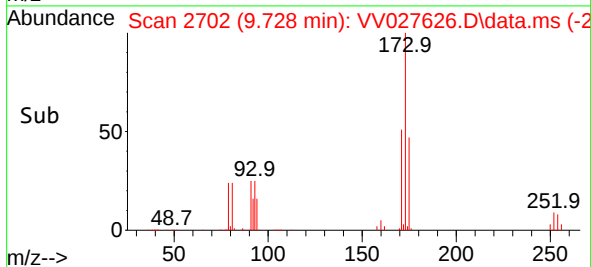
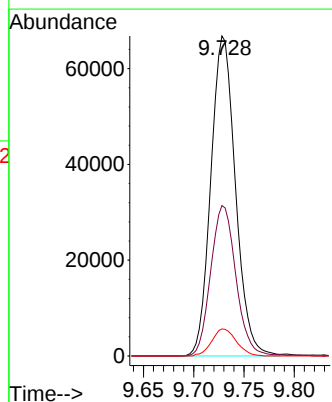
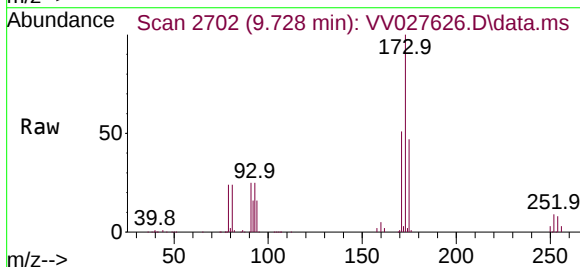
Instrument :
MSVOA_V
ClientSampleId :

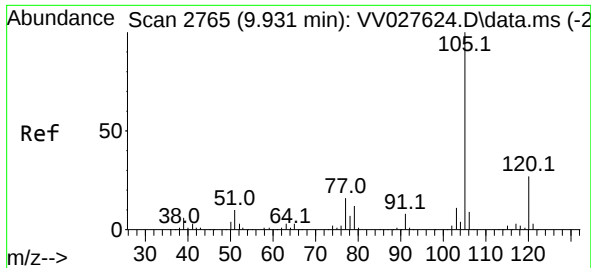
Tgt Ion: 83 Resp: 216695
Ion Ratio Lower Upper
83 100
85 64.3 45.6 84.8
131 9.7 8.0 12.0



#59
Bromoform
Concen: 18.640 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.003 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

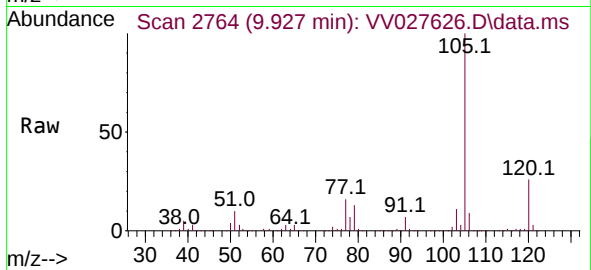
Tgt Ion: 173 Resp: 113721
Ion Ratio Lower Upper
173 100
175 48.1 39.0 58.4
254 8.5 7.0 10.4



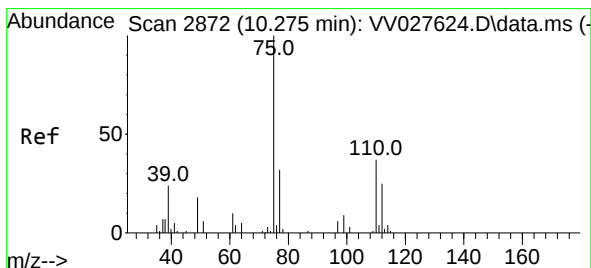
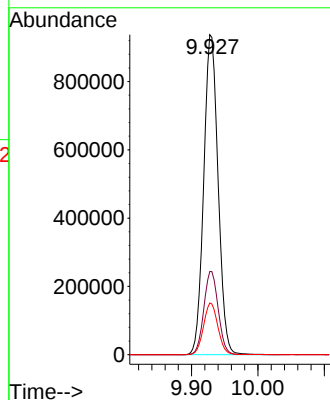
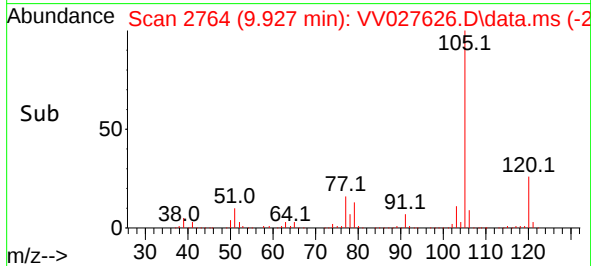


#60
Isopropylbenzene
Concen: 21.689 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

Instrument :
MSVOA_V
ClientSampleId :

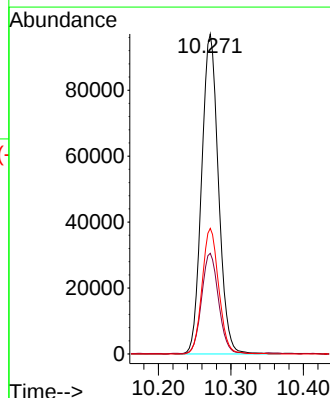
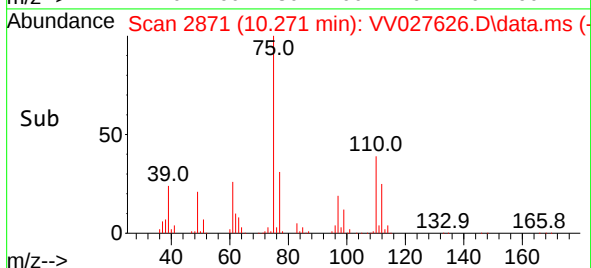
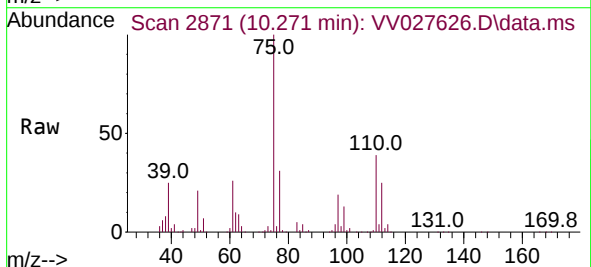


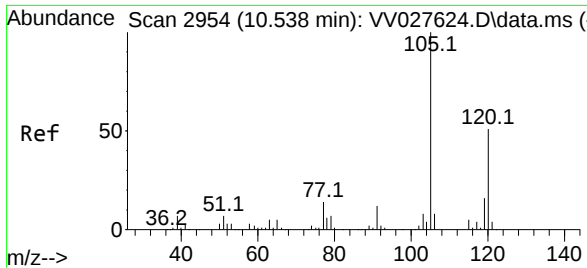
Tgt Ion:105 Resp: 1409886
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.4
77 16.1 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 18.019 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

Tgt Ion: 75 Resp: 156593
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.6
110 38.7 29.8 44.8

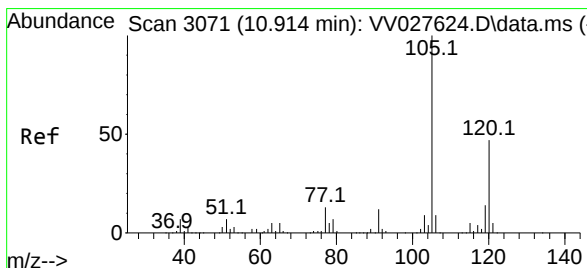
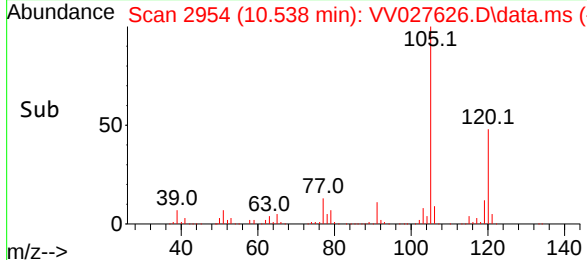
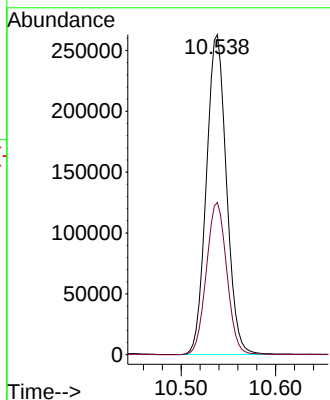
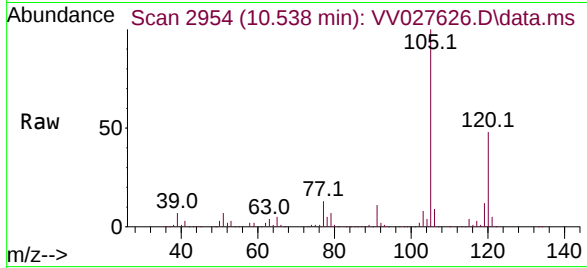




#62
 1,3,5-Trimethylbenzene
 Concen: 21.921 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV027626.D
 Acq: 31 Aug 2022 18:45

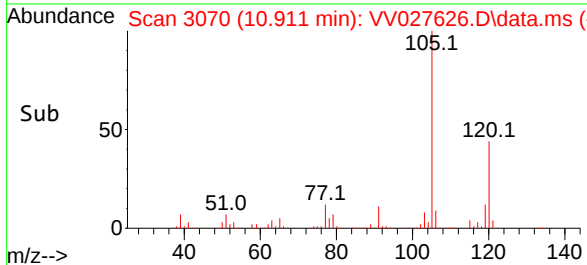
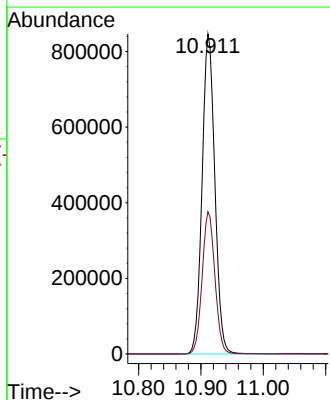
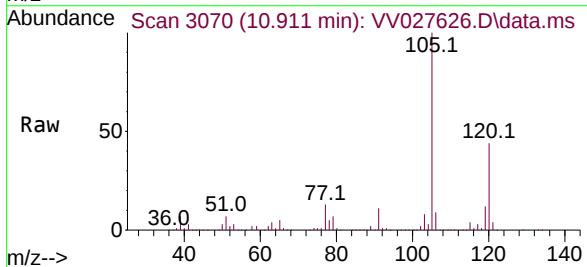
Instrument :
 MSVOA_V
 ClientSampleId :

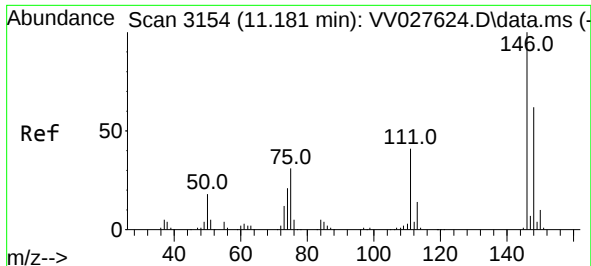
Tgt Ion:105 Resp: 388793
 Ion Ratio Lower Upper
 105 100
 120 48.4 40.4 60.6



#63
 1,2,4-Trimethylbenzene
 Concen: 23.595 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.003 min
 Lab File: VV027626.D
 Acq: 31 Aug 2022 18:45

Tgt Ion:105 Resp: 1203278
 Ion Ratio Lower Upper
 105 100
 120 44.6 36.1 54.1

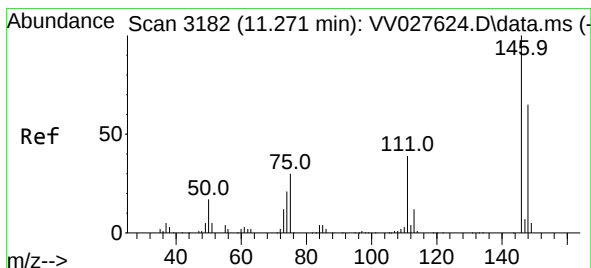
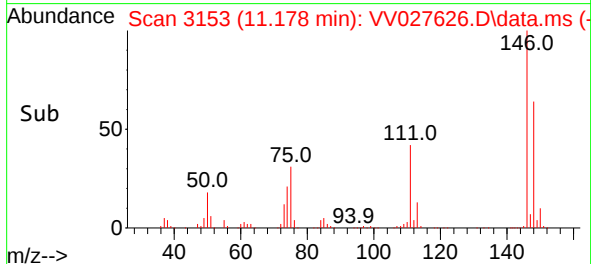
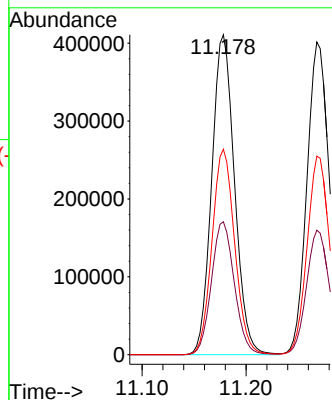
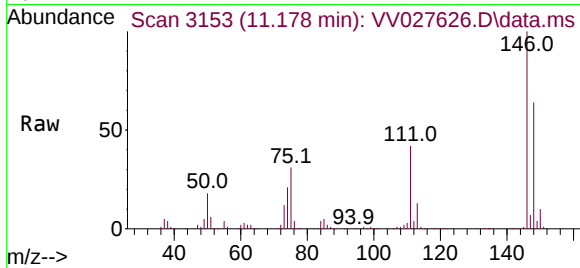




#64
1,3-Dichlorobenzene
Concen: 19.931 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

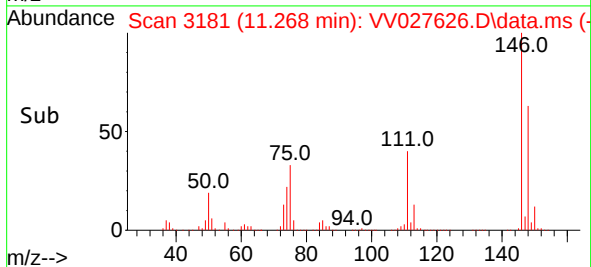
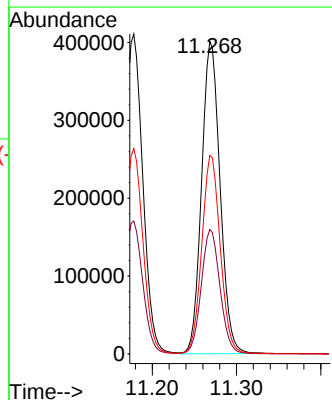
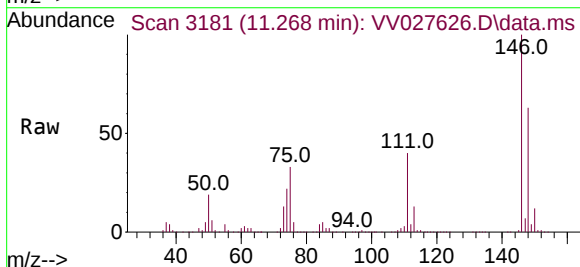
Instrument :
MSVOA_V
ClientSampleId :

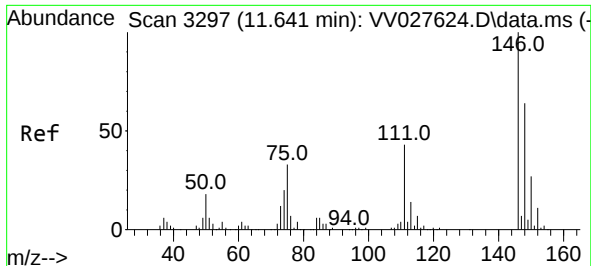
Tgt Ion:146 Resp: 625243
Ion Ratio Lower Upper
146 100
111 41.6 29.0 53.8
148 64.2 43.5 80.9



#65
1,4-Dichlorobenzene
Concen: 19.631 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV027626.D
Acq: 31 Aug 2022 18:45

Tgt Ion:146 Resp: 612324
Ion Ratio Lower Upper
146 100
111 39.8 27.5 51.1
148 63.5 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 19.942 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV027626.D

Acq: 31 Aug 2022 18:45

Instrument :

MSVOA_V

ClientSampleId :

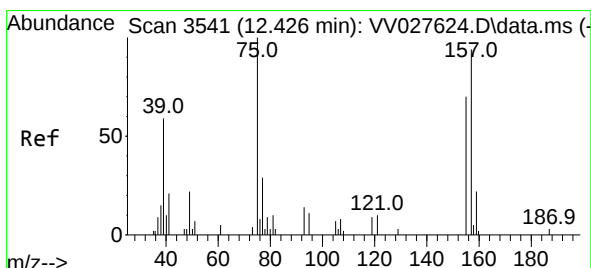
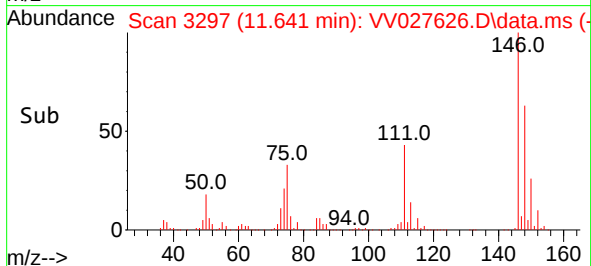
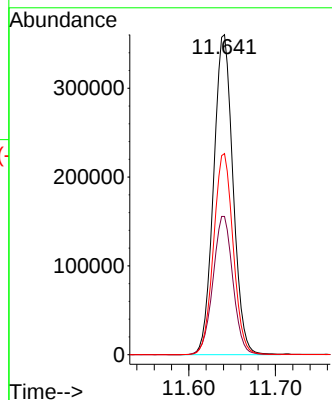
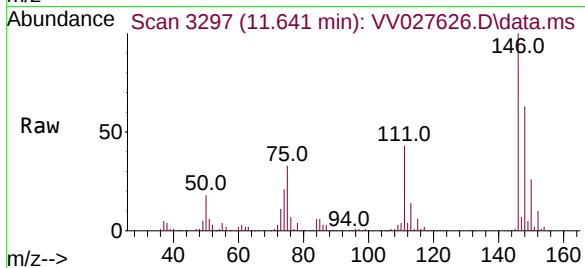
Tgt Ion:146 Resp: 561100

Ion Ratio Lower Upper

146 100

111 43.2 34.2 51.2

148 62.8 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 19.225 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV027626.D

Acq: 31 Aug 2022 18:45

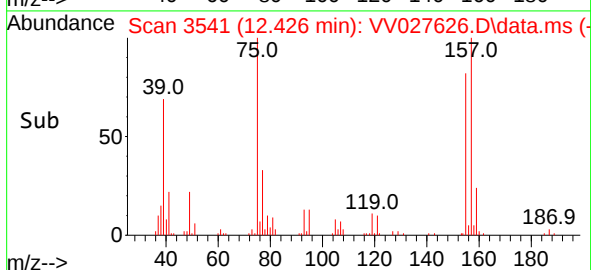
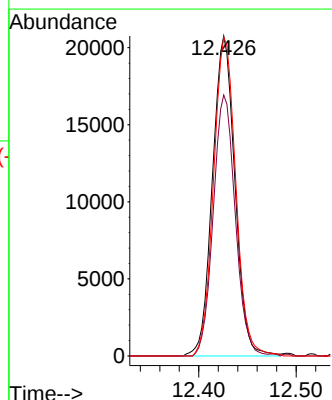
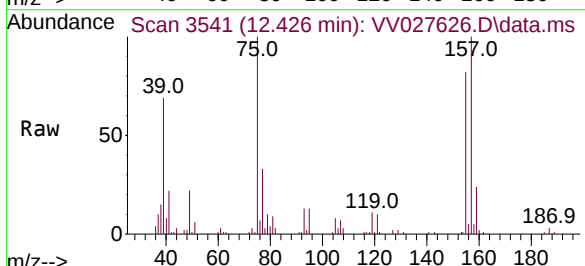
Tgt Ion: 75 Resp: 33274

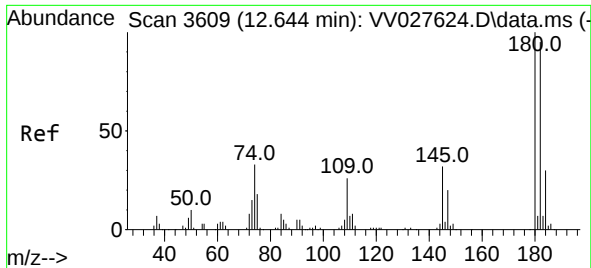
Ion Ratio Lower Upper

75 100

155 81.5 56.4 84.6

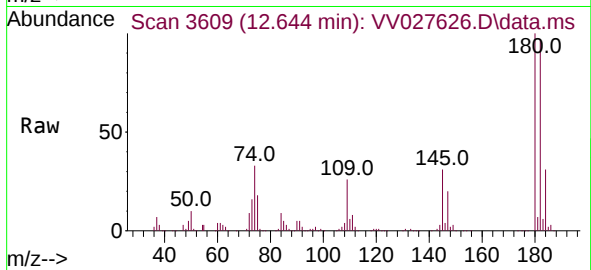
157 99.5 74.9 112.3



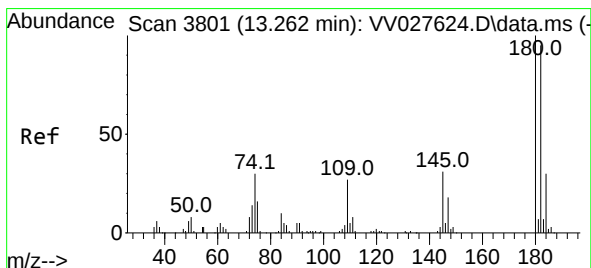
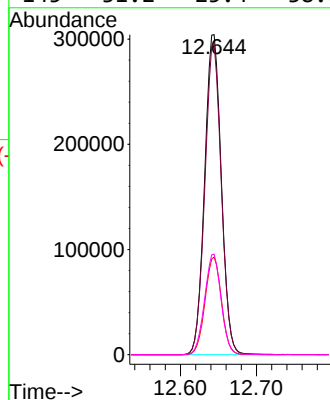
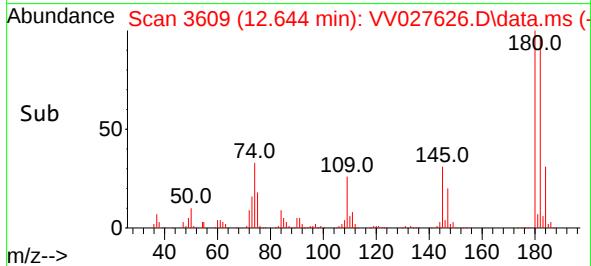


#69
 1,3,5-Trichlorobenzene
 Concen: 20.463 ug/L
 RT: 12.644 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VV027626.D
 Acq: 31 Aug 2022 18:45

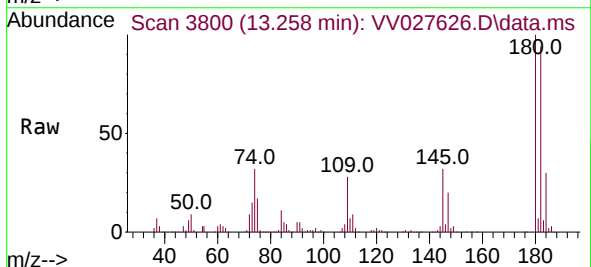
Instrument :
 MSVOA_V
 ClientSampleId :



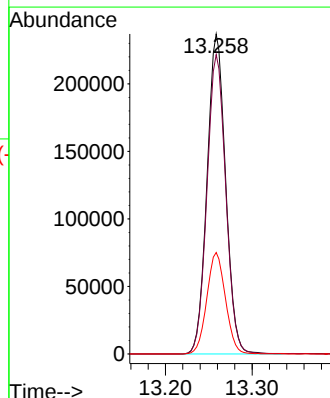
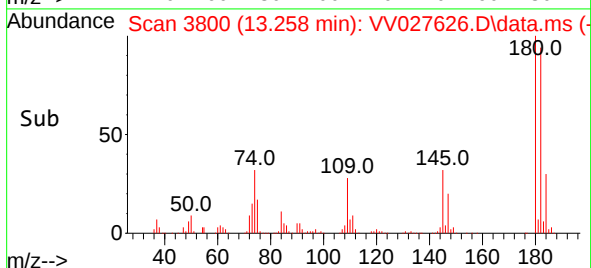
Tgt Ion:180 Resp: 462816
 Ion Ratio Lower Upper
 180 100
 182 95.8 74.6 112.0
 184 30.1 23.5 35.3
 145 31.2 25.4 38.0

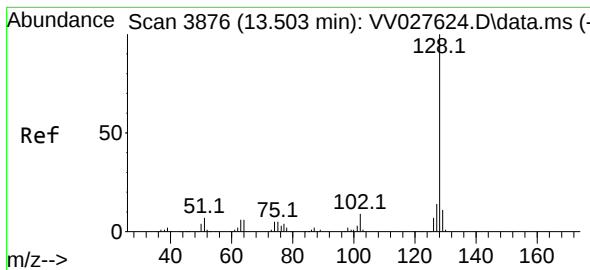


#70
 1,2,4-trichlorobenzene
 Concen: 21.146 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.003 min
 Lab File: VV027626.D
 Acq: 31 Aug 2022 18:45



Tgt Ion:180 Resp: 352529
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.8 113.8
 145 31.9 24.6 37.0





#71

Naphthalene

Concen: 19.889 ug/L

RT: 13.500 min Scan# 3876

Delta R.T. -0.003 min

Lab File: VV027626.D

Acq: 31 Aug 2022 18:45

Instrument :

MSVOA_V

ClientSampleId :

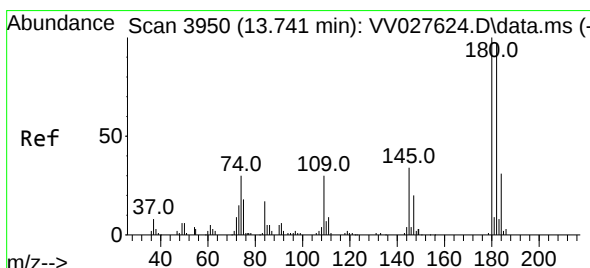
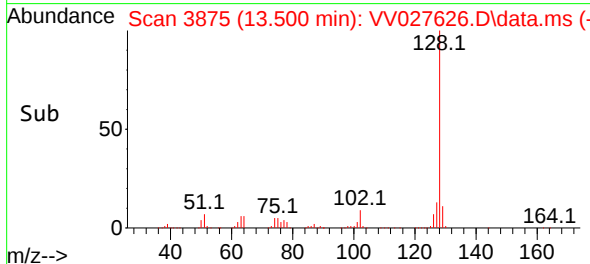
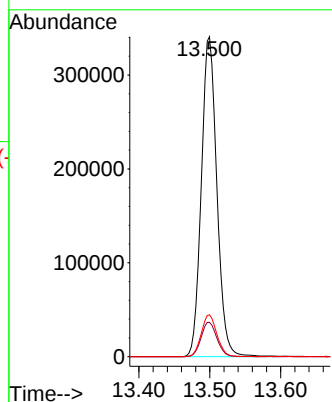
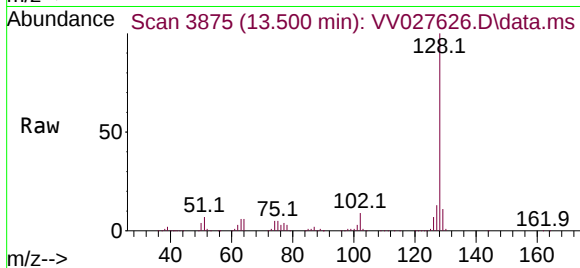
Tgt Ion:128 Resp: 518898

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

127 13.2 10.9 16.3



#72

1,2,3-Trichlorobenzene

Concen: 21.144 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027626.D

Acq: 31 Aug 2022 18:45

Tgt Ion:180 Resp: 317509

Ion Ratio Lower Upper

180 100

182 94.1 77.1 115.7

145 33.7 27.4 41.0

