

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091922\
 Data File : VV027934.D
 Acq On : 19 Sep 2022 18:34
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 01:50:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 20 01:41:34 2022
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		5.612	114	127004	5.000	ug/L	0.00
28) Chlorobenzene-d5		8.850	117	127170	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.246	152	71155	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.301	65	51344	5.177	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130		Recovery	= 103.600%		
7) Chloroethane-d5		1.564	69	44426	5.093	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130		Recovery	= 101.800%		
11) 1,1-Dichloroethene-d2		2.104	63	83521	5.094	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125		Recovery	= 101.800%		
20) 2-Butanone-d5		3.886	46	93351	58.913	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130		Recovery	= 117.820%		
24) Chloroform-d		4.342	84	87065	5.244	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125		Recovery	= 104.800%		
26) 1,2-Dichloroethane-d4		5.030	65	38298	5.575	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130		Recovery	= 111.400%		
32) Benzene-d6		5.043	84	164982	5.471	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125		Recovery	= 109.400%		
36) 1,2-Dichloropropane-d6		6.066	67	54926	5.548	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140		Recovery	= 111.000%		
41) Toluene-d8		7.313	98	153361	5.666	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130		Recovery	= 113.400%		
43) trans-1,3-Dichloroprop...		7.622	79	18980	5.789	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130		Recovery	= 115.800%		
46) 2-Hexanone-d5		8.088	63	88913	61.412	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130		Recovery	= 122.820%		
56) 1,1,2,2-Tetrachloroeth...		10.214	84	43785	5.407	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120		Recovery	= 108.200%		
66) 1,2-Dichlorobenzene-d4		11.622	152	60044	5.422	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120		Recovery	= 108.400%		
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		1.124	85	46654	5.002	ug/L	97
3) Chloromethane		1.236	50	45340	4.133	ug/L	100
5) Vinyl chloride		1.307	62	51893	4.771	ug/L	100
6) Bromomethane		1.516	94	34212	4.554	ug/L	95
8) Chloroethane		1.580	64	33903	4.609	ug/L	95
9) Trichlorofluoromethane		1.748	101	77490	4.713	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...		2.114	101	48822	4.743	ug/L	97
12) 1,1-Dichloroethene		2.114	96	43345	4.708	ug/L	95
13) Acetone		2.175	43	54008	42.912	ug/L	98
14) Carbon disulfide		2.288	76	85039	4.664	ug/L	99
15) Methyl Acetate		2.432	43	13505	5.052	ug/L	93
16) Methylene chloride		2.500	84	49372	4.904	ug/L	97
17) Methyl tert-butyl Ether		2.767	73	81827	5.029	ug/L	100
18) trans-1,2-Dichloroethene		2.754	96	39924	4.724	ug/L	89
19) 1,1-Dichloroethane		3.185	63	78843	4.900	ug/L	98
21) 2-Butanone		3.969	43	80995	53.528	ug/L	97
22) cis-1,2-Dichloroethene		3.905	96	45553	4.814	ug/L	99
23) Bromochloromethane		4.243	128	21396	5.007	ug/L	96
25) Chloroform		4.368	83	83999	4.742	ug/L	96

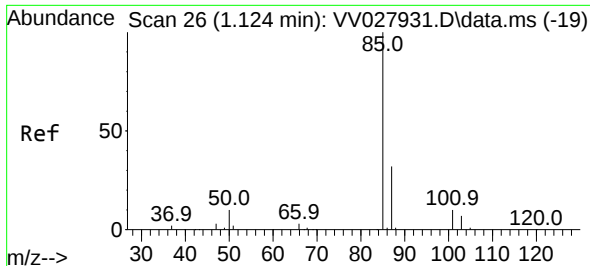
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091922\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 20 01:41:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	42047	5.069	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	68746	4.922	ug/L	99
30) Cyclohexane	4.670	56	50609	5.023	ug/L	99
31) Carbon tetrachloride	4.821	117	61998	4.963	ug/L	97
33) Benzene	5.095	78	173402	5.069	ug/L	100
34) Trichloroethene	5.911	95	42862	4.989	ug/L	97
35) Methylcyclohexane	6.127	83	59438	4.886	ug/L	97
37) 1,2-Dichloropropane	6.169	63	45359	4.936	ug/L	100
38) Bromodichloromethane	6.506	83	59365	5.027	ug/L	95
39) cis-1,3-Dichloropropene	7.024	75	59067	5.061	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	205686	54.595	ug/L	100
42) Toluene	7.384	91	188854	5.140	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	49566	5.173	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	33234	4.956	ug/L	99
47) Tetrachloroethene	7.972	164	36012	4.705	ug/L	95
48) 2-Hexanone	8.136	43	149157	55.747	ug/L	99
49) Dibromochloromethane	8.243	129	40535	4.946	ug/L	99
50) 1,2-Dibromoethane	8.352	107	29883	5.010	ug/L	91
51) Chlorobenzene	8.879	112	127225	4.974	ug/L	99
52) Ethylbenzene	9.011	91	192593	5.041	ug/L	99
53) m,p-Xylene	9.136	106	79287	5.329	ug/L	97
54) o-Xylene	9.541	106	73569	4.963	ug/L	92
55) Styrene	9.558	104	134308	5.230	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	41346	4.885	ug/L	97
59) Bromoform	9.731	173	22891	4.887	ug/L	99
60) Isopropylbenzene	9.931	105	200689	5.074	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	26391	5.063	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	52092	4.864	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	150410	4.838	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	107782	5.000	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	109193	5.018	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	100037	5.039	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	5851	4.951	ug/L #	65
69) 1,3,5-Trichlorobenzene	12.641	180	82329	4.787	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	68680	5.012	ug/L	99
71) Naphthalene	13.500	128	99194	4.945	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	61253	5.004	ug/L	100

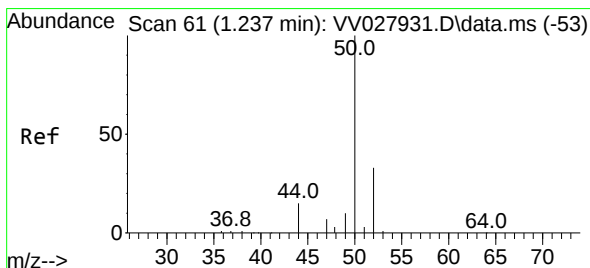
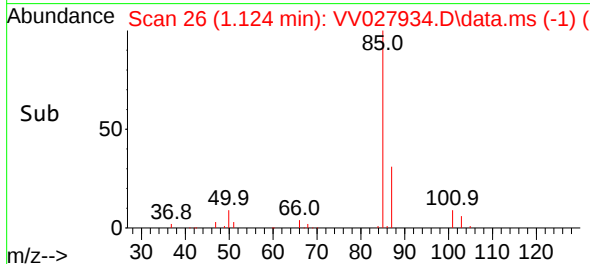
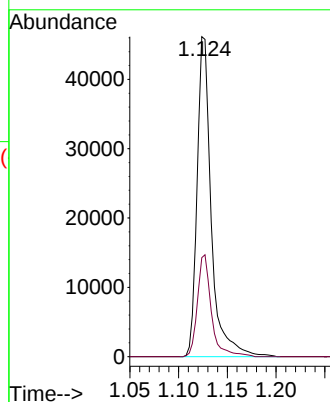
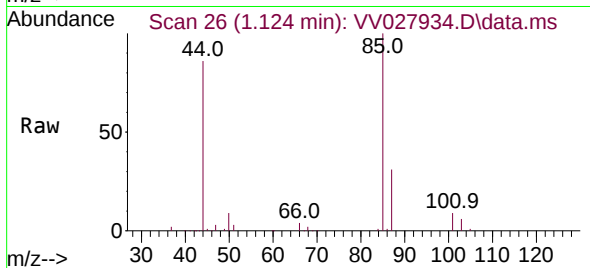
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.002 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV027934.D
 Acq: 19 Sep 2022 18:34

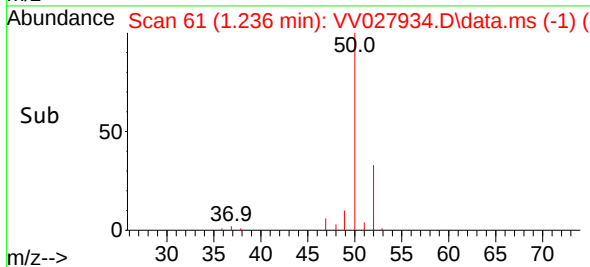
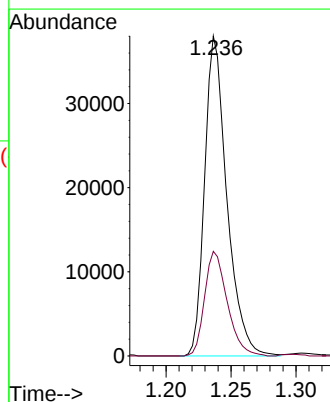
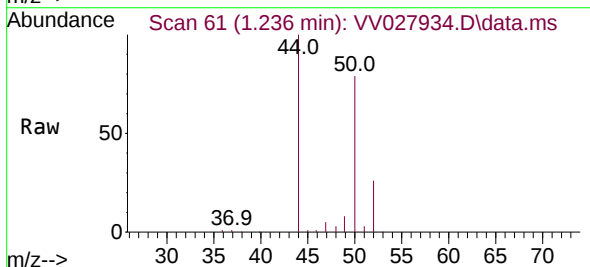
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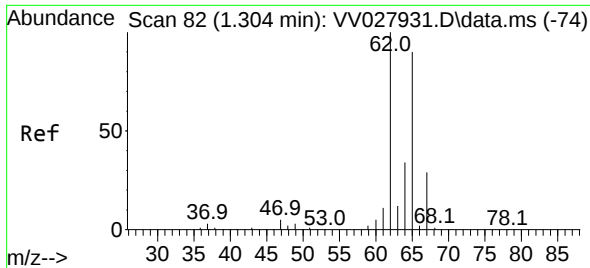
Tgt Ion: 85 Resp: 46654
 Ion Ratio Lower Upper
 85 100
 87 31.4 26.5 39.7



#3
 Chloromethane
 Concen: 4.133 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV027934.D
 Acq: 19 Sep 2022 18:34

Tgt Ion: 50 Resp: 45340
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.0 42.8

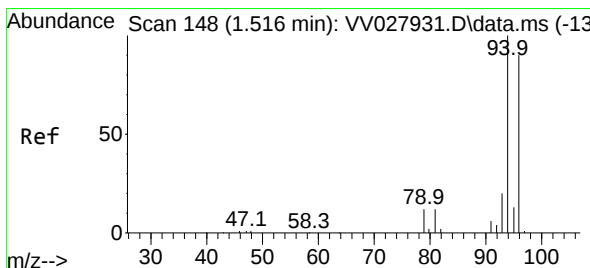
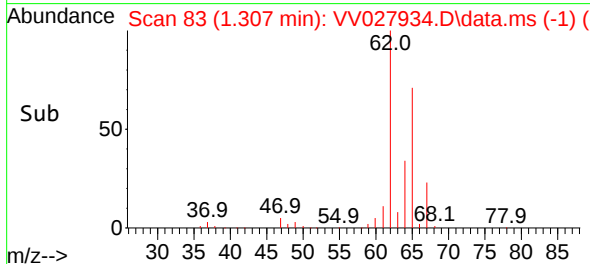
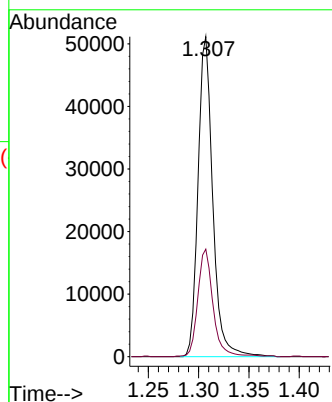
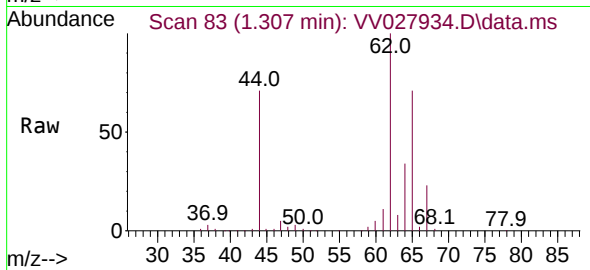




#5
 Vinyl chloride
 Concen: 4.771 ug/L
 RT: 1.307 min Scan# 82
 Delta R.T. 0.003 min
 Lab File: VV027934.D
 Acq: 19 Sep 2022 18:34

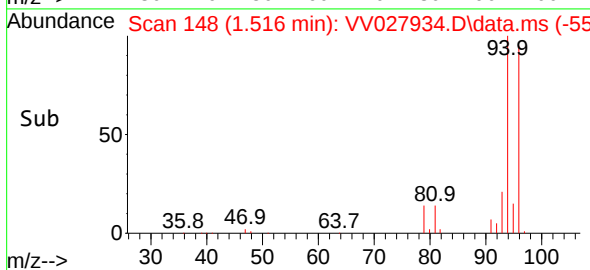
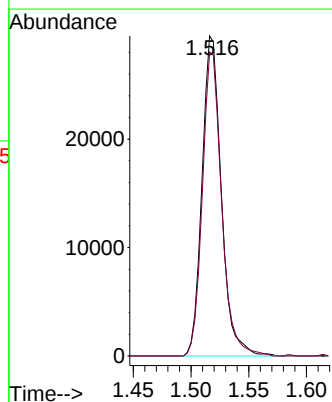
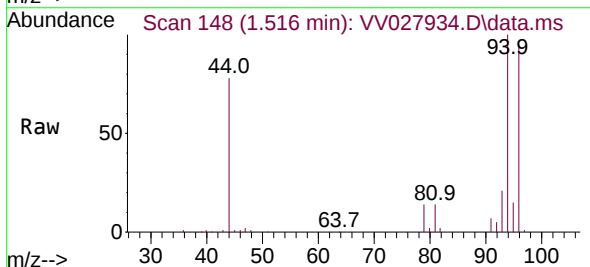
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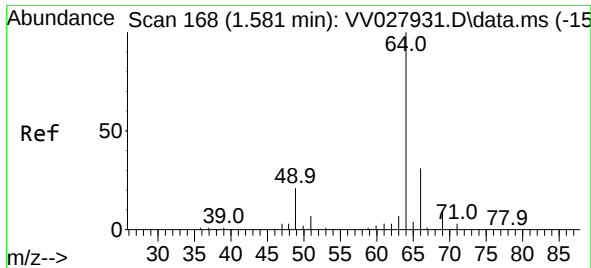
Tgt Ion: 62 Resp: 51893
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.4 43.6



#6
 Bromomethane
 Concen: 4.554 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV027934.D
 Acq: 19 Sep 2022 18:34

Tgt Ion: 94 Resp: 34212
 Ion Ratio Lower Upper
 94 100
 96 94.9 63.1 117.3

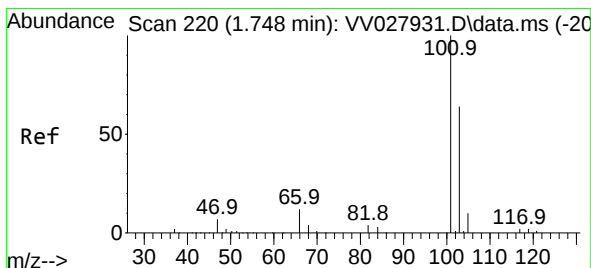
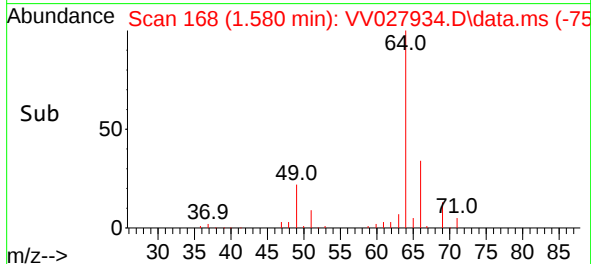
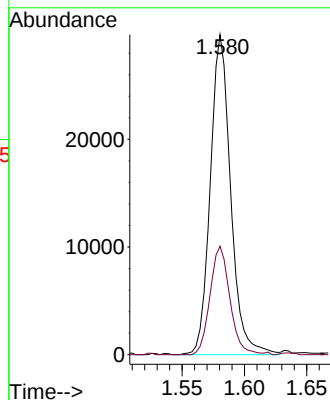
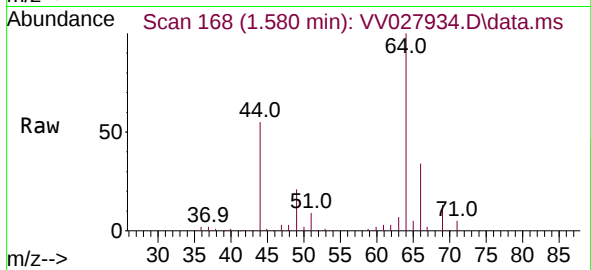




#8
Chloroethane
Concen: 4.609 ug/L
RT: 1.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV027934.D
Acq: 19 Sep 2022 18:34

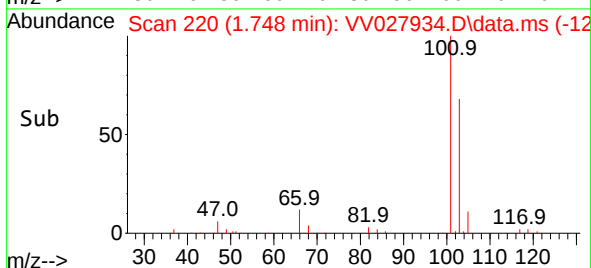
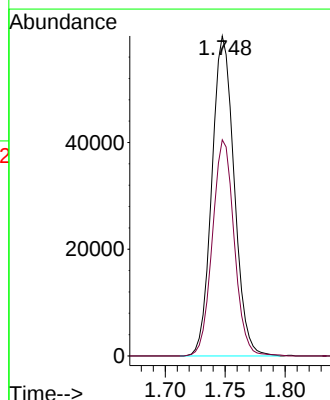
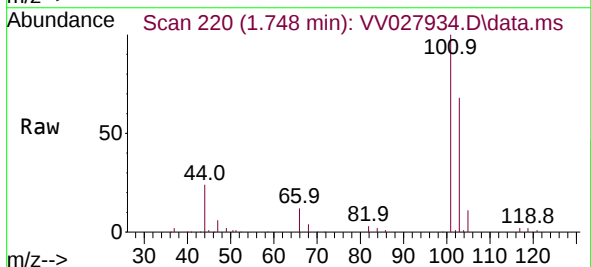
Instrument :
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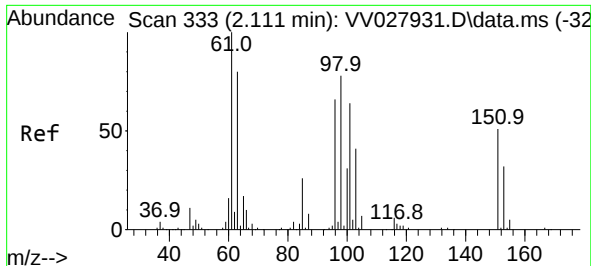
Tgt Ion: 64 Resp: 33903
Ion Ratio Lower Upper
64 100
66 33.9 21.6 40.2



#9
Trichlorofluoromethane
Concen: 4.713 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV027934.D
Acq: 19 Sep 2022 18:34

Tgt Ion:101 Resp: 77490
Ion Ratio Lower Upper
101 100
103 66.1 51.7 77.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.743 ug/L

RT: 2.114 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV027934.D

Acq: 19 Sep 2022 18:34

Instrument :

MSVOA_V

ClientSampleId :

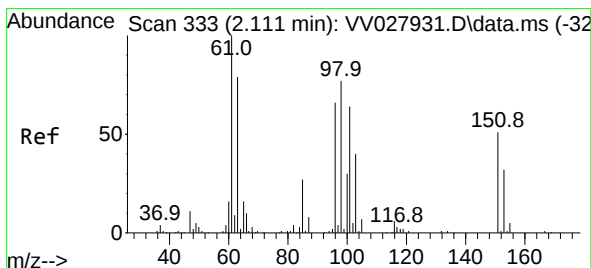
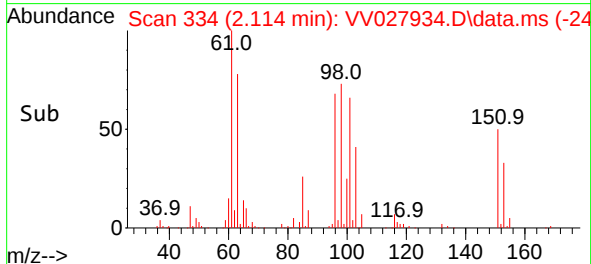
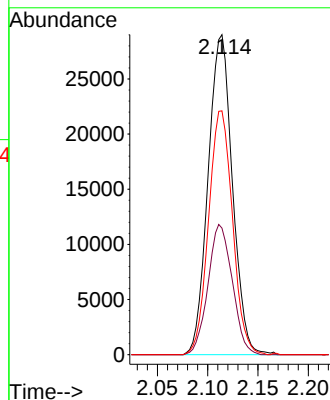
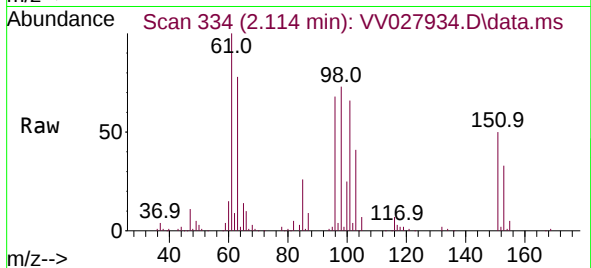
Tgt Ion:101 Resp: 48822

Ion Ratio Lower Upper

101 100

85 40.5 33.6 50.4

151 75.1 62.9 94.3



#12

1,1-Dichloroethene

Concen: 4.708 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.003 min

Lab File: VV027934.D

Acq: 19 Sep 2022 18:34

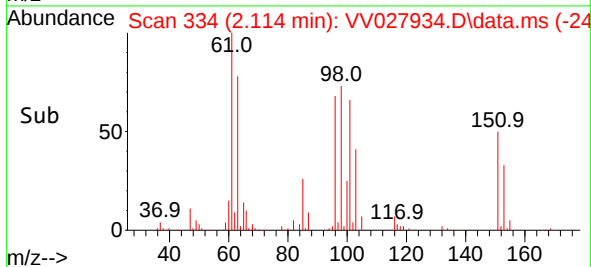
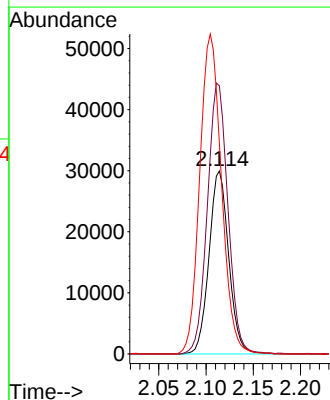
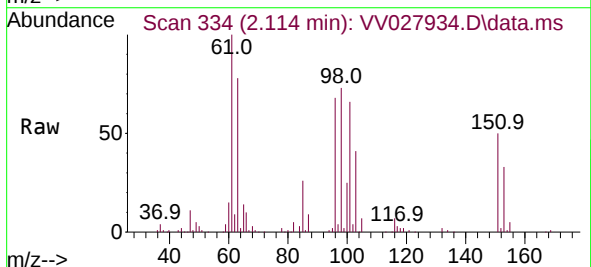
Tgt Ion: 96 Resp: 43345

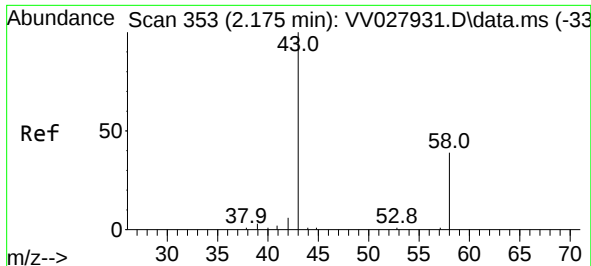
Ion Ratio Lower Upper

96 100

61 146.5 106.2 197.2

63 114.9 85.0 158.0





#13

Acetone

Concen: 42.912 ug/L

RT: 2.175 min Scan# 353

Delta R.T. -0.000 min

Lab File: VV027934.D

Acq: 19 Sep 2022 18:34

Instrument :

MSVOA_V

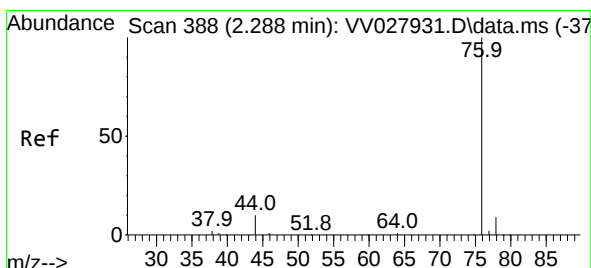
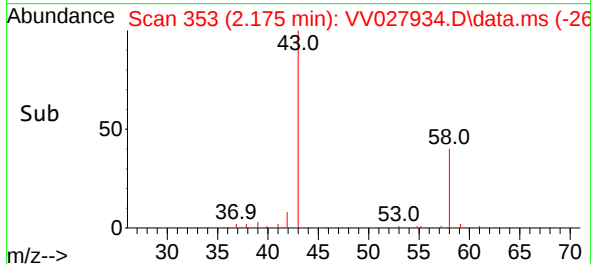
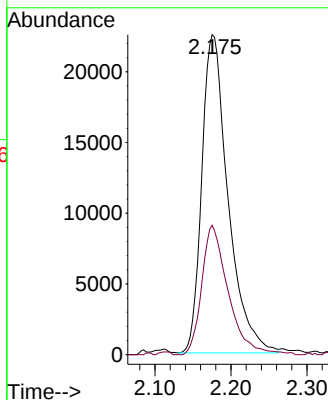
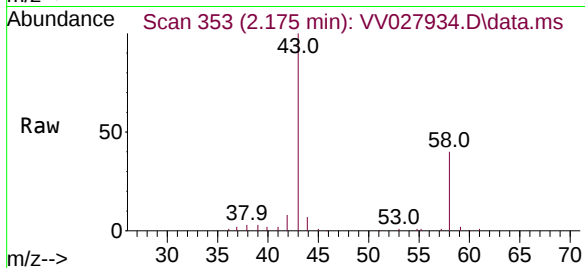
ClientSampleId :

Tgt Ion: 43 Resp: 54008

Ion Ratio Lower Upper

43 100

58 40.9 0.0 79.8



#14

Carbon disulfide

Concen: 4.664 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.000 min

Lab File: VV027934.D

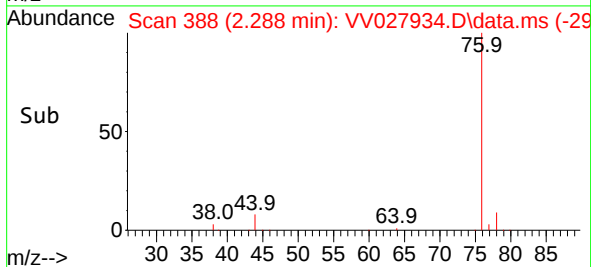
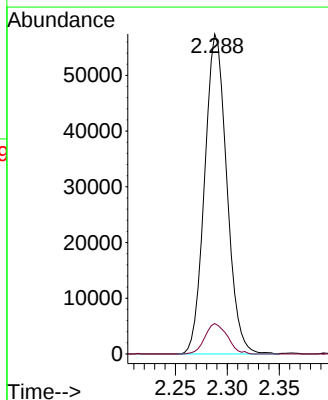
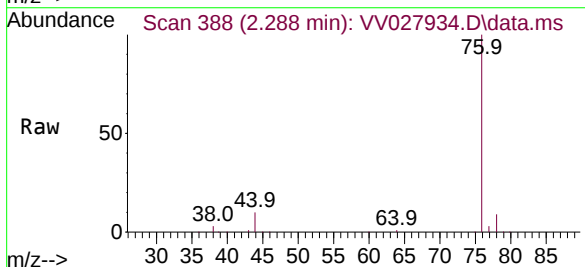
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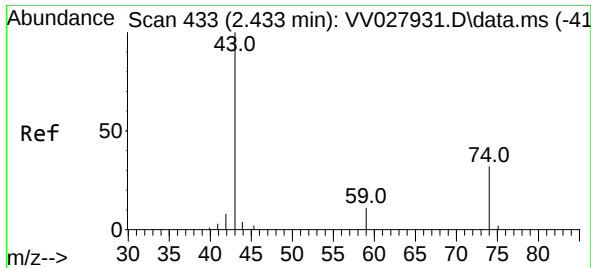
Tgt Ion: 76 Resp: 85039

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9

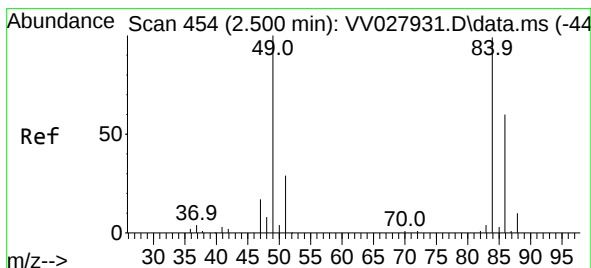
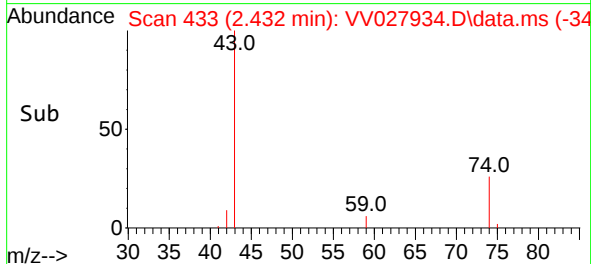
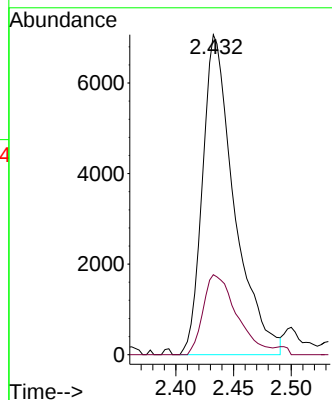
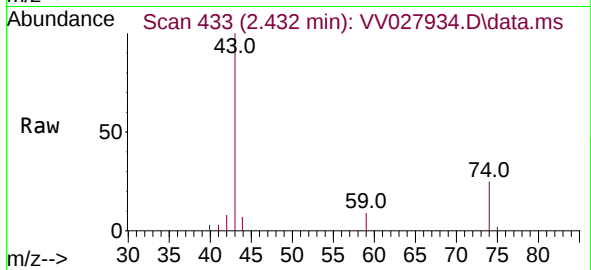




#15
Methyl Acetate
Concen: 5.052 ug/L
RT: 2.432 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV027934.D
Acq: 19 Sep 2022 18:34

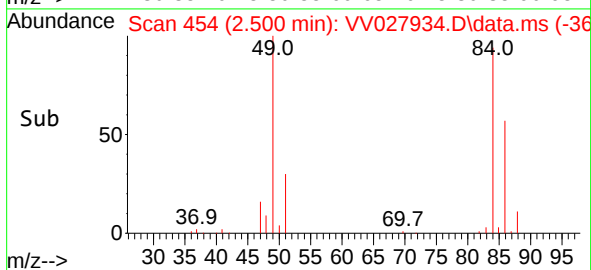
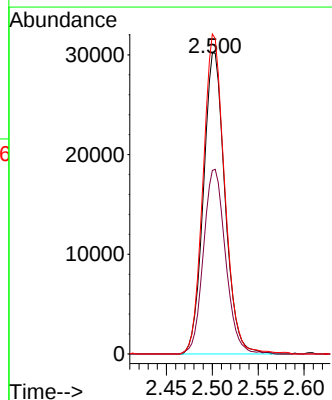
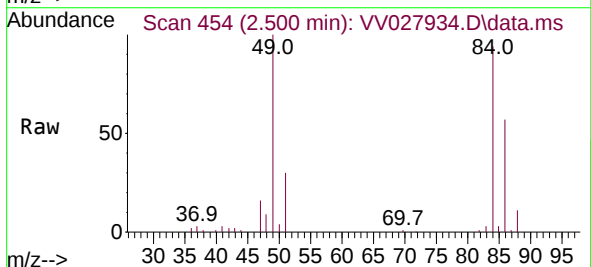
Instrument :
MSVOA_V
ClientSampleId :

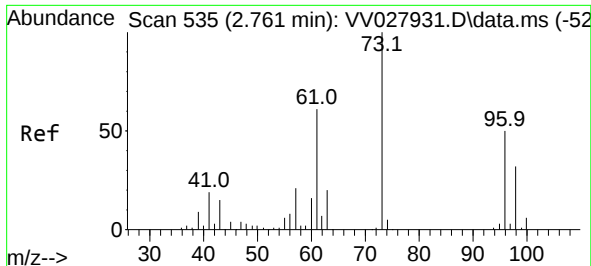
Tgt Ion: 43 Resp: 13505
Ion Ratio Lower Upper
43 100
74 26.4 24.2 36.4



#16
Methylene chloride
Concen: 4.904 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV027934.D
Acq: 19 Sep 2022 18:34

Tgt Ion: 84 Resp: 49372
Ion Ratio Lower Upper
84 100
86 60.9 42.4 78.6
49 106.3 70.7 131.3

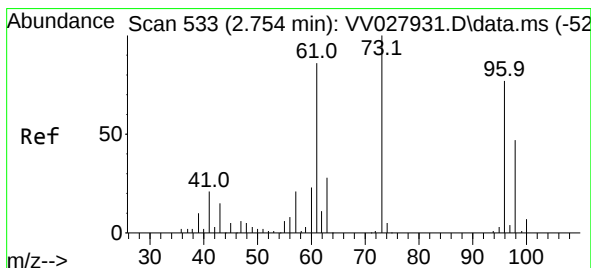
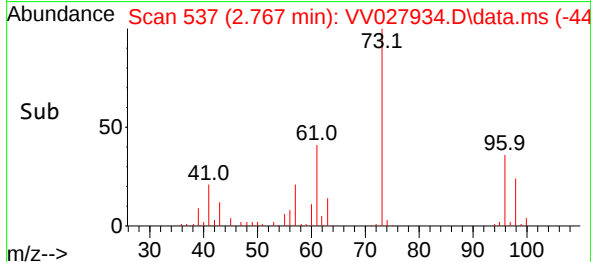
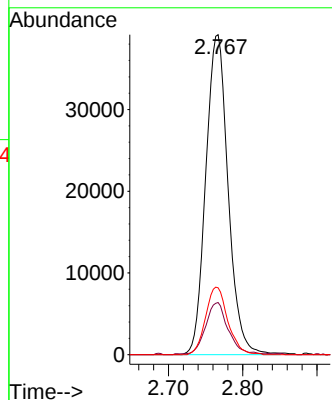
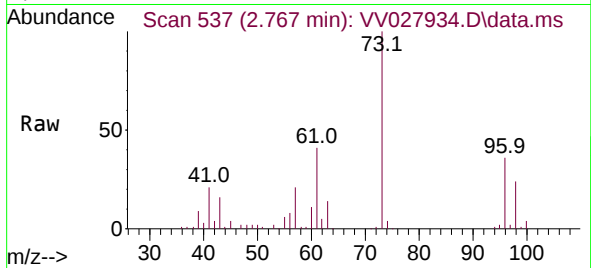




#17
Methyl tert-butyl Ether
Concen: 5.029 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV027934.D
Acq: 19 Sep 2022 18:34

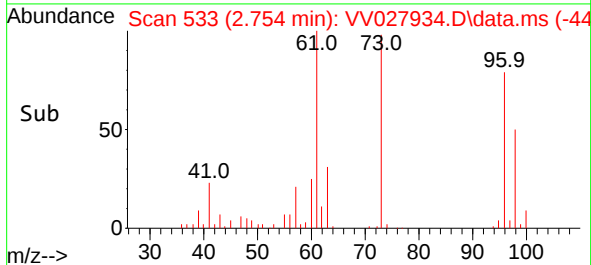
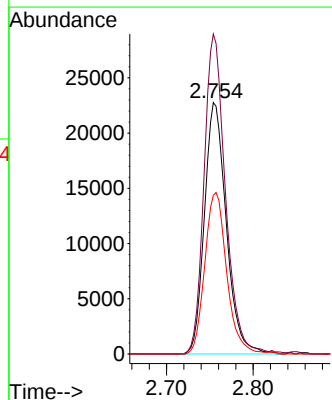
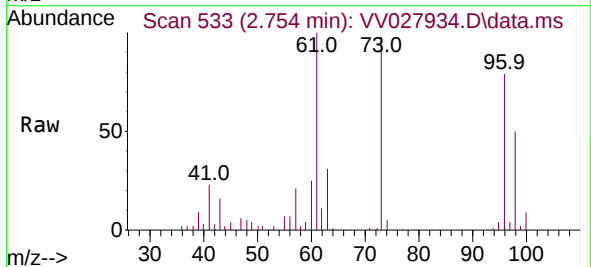
Instrument :
MSVOA_V
ClientSampleId :

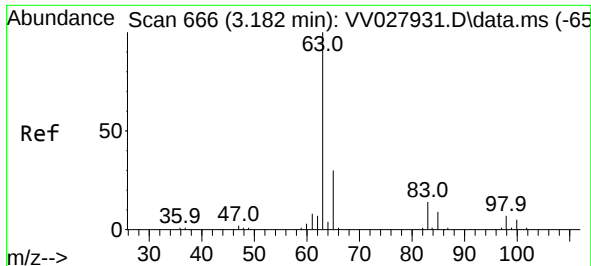
Tgt Ion: 73 Resp: 81827
Ion Ratio Lower Upper
73 100
43 15.6 12.4 18.6
57 21.0 16.6 25.0



#18
trans-1,2-Dichloroethene
Concen: 4.724 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.000 min
Lab File: VV027934.D
Acq: 19 Sep 2022 18:34

Tgt Ion: 96 Resp: 39924
Ion Ratio Lower Upper
96 100
61 127.3 78.3 145.5
98 63.2 42.4 78.6





#19

1,1-Dichloroethane

Concen: 4.900 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027934.D

Acq: 19 Sep 2022 18:34

Instrument :

MSVOA_V

ClientSampleId :

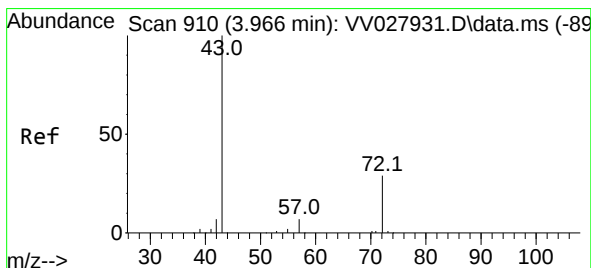
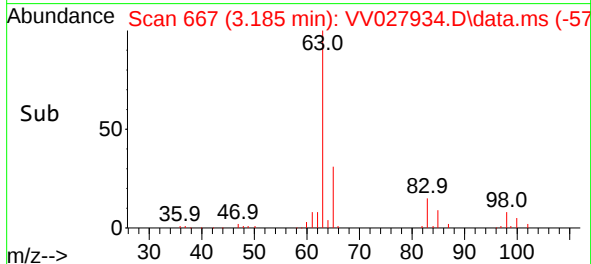
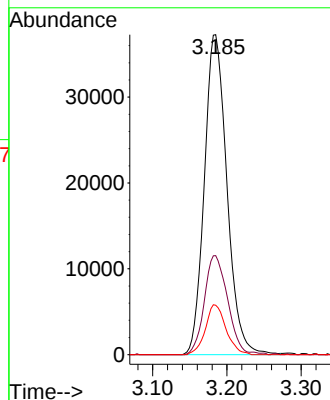
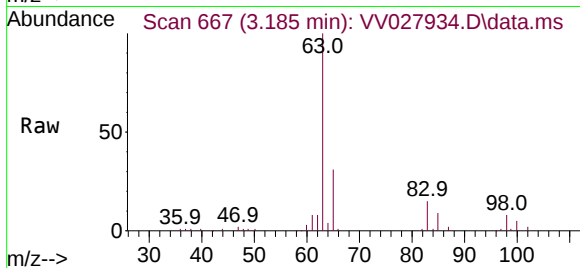
Tgt Ion: 63 Resp: 78843

Ion Ratio Lower Upper

63 100

65 31.0 21.3 39.6

83 15.4 9.7 18.1



#21

2-Butanone

Concen: 53.528 ug/L

RT: 3.969 min Scan# 911

Delta R.T. 0.003 min

Lab File: VV027934.D

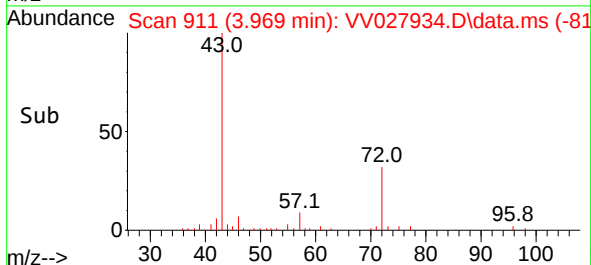
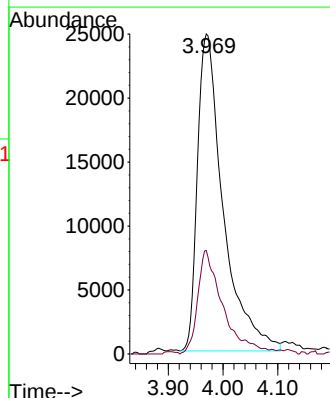
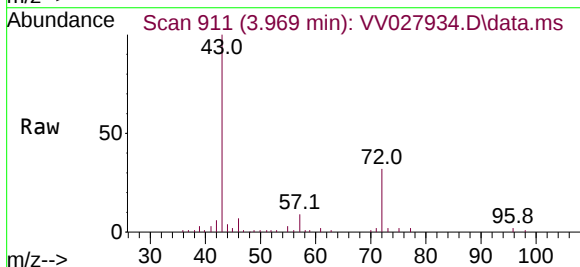
Acq: 19 Sep 2022 18:34

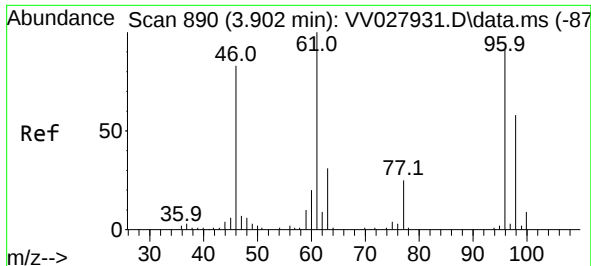
Tgt Ion: 43 Resp: 80995

Ion Ratio Lower Upper

43 100

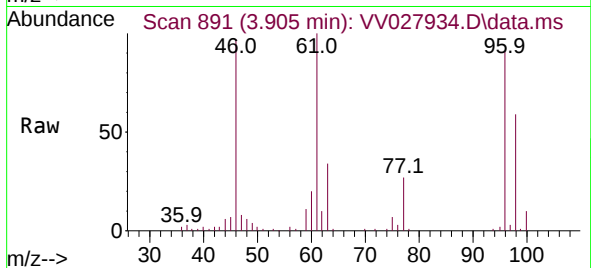
72 31.7 14.9 44.9



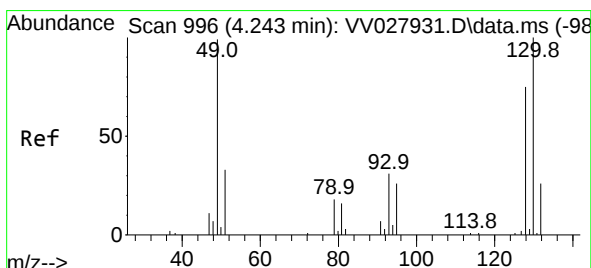
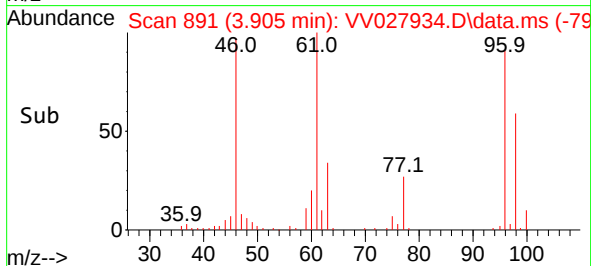
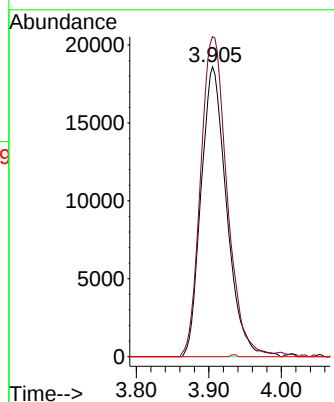


#22
 cis-1,2-Dichloroethene
 Concen: 4.814 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV027934.D
 Acq: 19 Sep 2022 18:34

Instrument :
 MSVOA_V
 ClientSampleId :

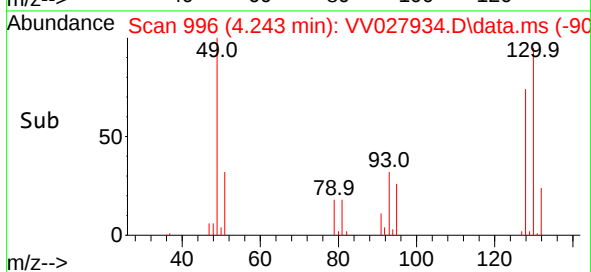
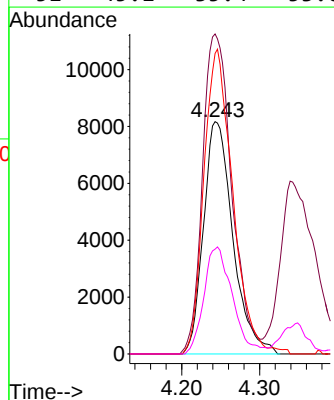
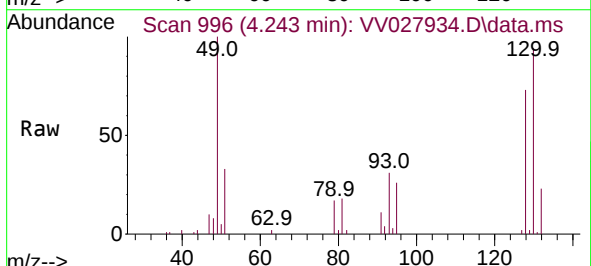


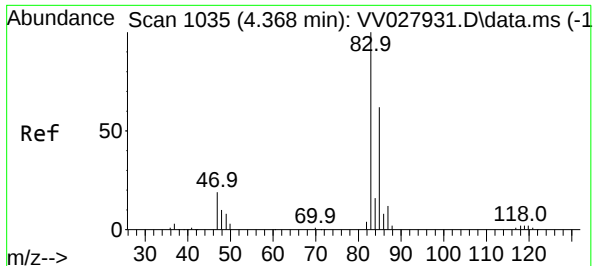
Tgt Ion: 96 Resp: 45553
 Ion Ratio Lower Upper
 96 100
 61 110.4 76.6 142.3
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.007 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VV027934.D
 Acq: 19 Sep 2022 18:34

Tgt Ion: 128 Resp: 21396
 Ion Ratio Lower Upper
 128 100
 49 137.8 93.4 173.6
 130 129.3 93.9 174.5
 51 45.1 35.4 53.0





#25

Chloroform

Concen: 4.742 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VV027934.D

Acq: 19 Sep 2022 18:34

Instrument :

MSVOA_V

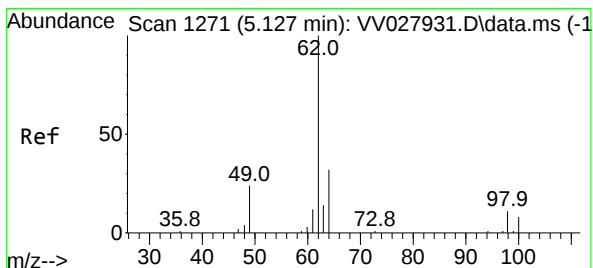
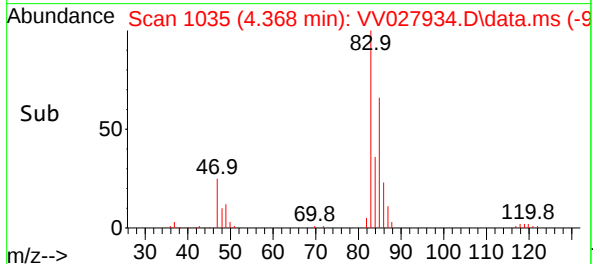
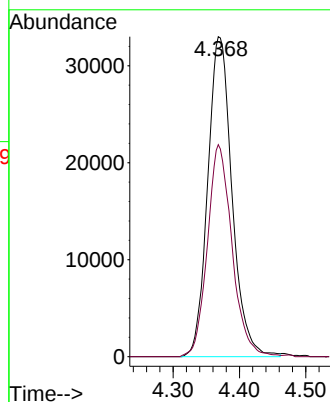
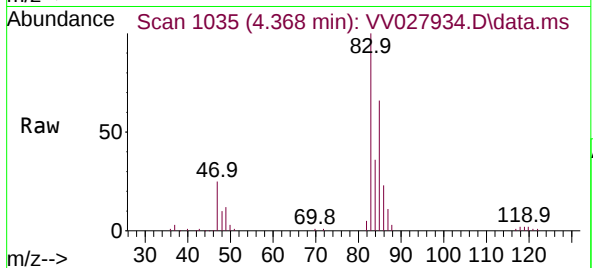
ClientSampleId :

Tgt Ion: 83 Resp: 83999

Ion Ratio Lower Upper

83 100

85 66.2 44.0 81.8



#27

1,2-Dichloroethane

Concen: 5.069 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV027934.D

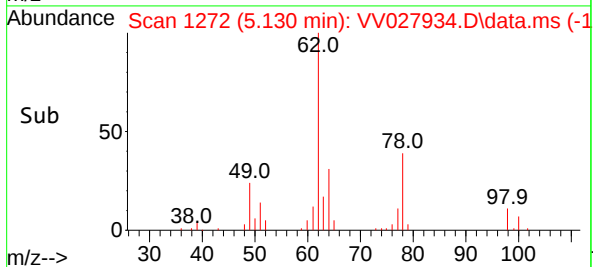
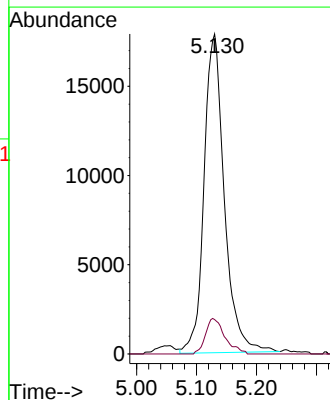
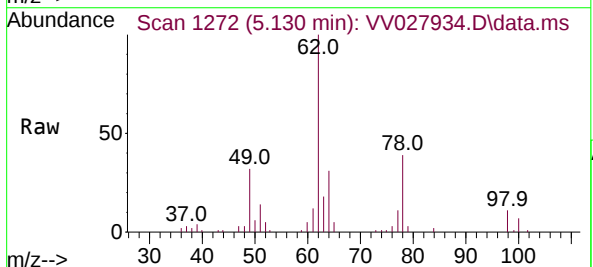
Acq: 19 Sep 2022 18:34

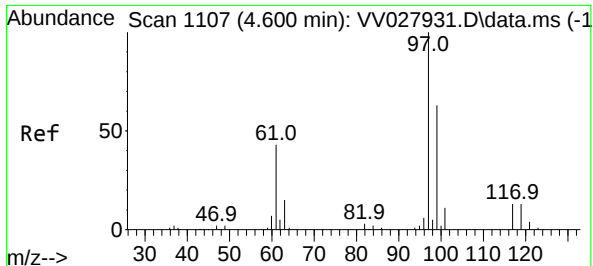
Tgt Ion: 62 Resp: 42047

Ion Ratio Lower Upper

62 100

98 10.7 8.7 13.1





#29

1,1,1-Trichloroethane

Concen: 4.922 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV027934.D

Acq: 19 Sep 2022 18:34

Instrument :

MSVOA_V

ClientSampleId :

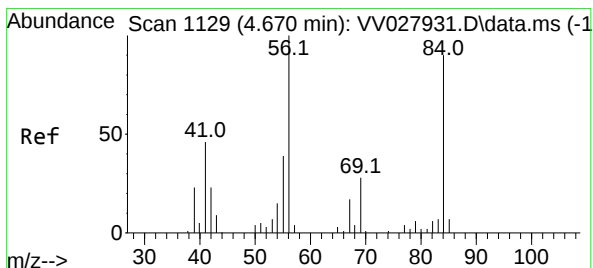
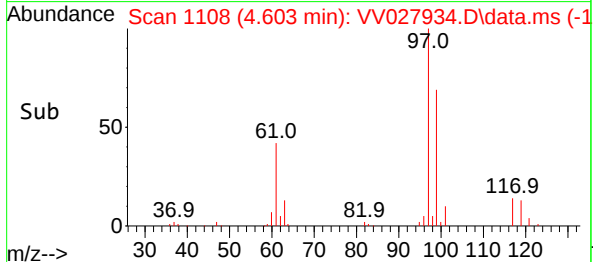
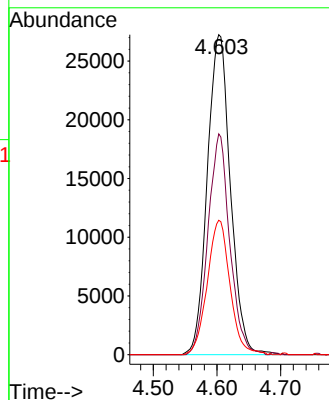
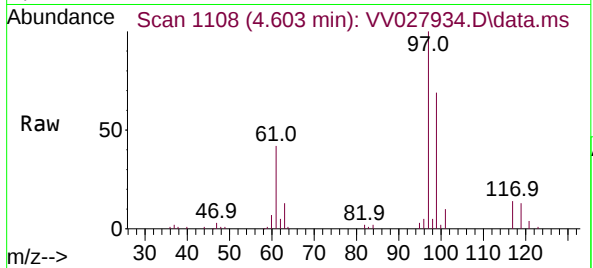
Tgt Ion: 97 Resp: 68746

Ion Ratio Lower Upper

97 100

99 65.1 51.3 76.9

61 41.4 33.6 50.4



#30

Cyclohexane

Concen: 5.023 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VV027934.D

Acq: 19 Sep 2022 18:34

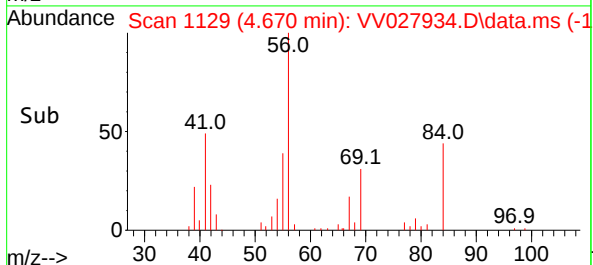
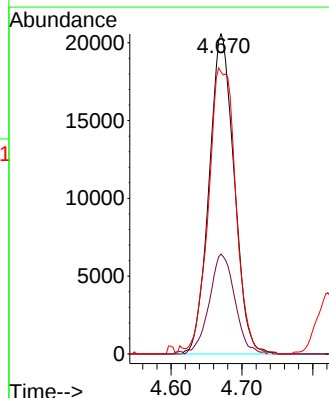
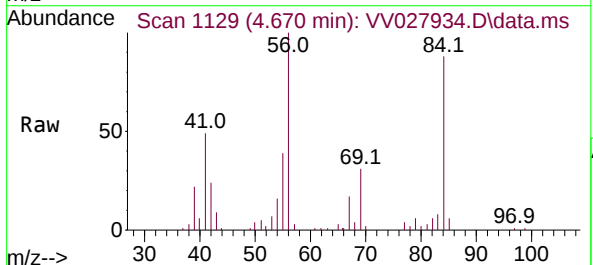
Tgt Ion: 56 Resp: 50609

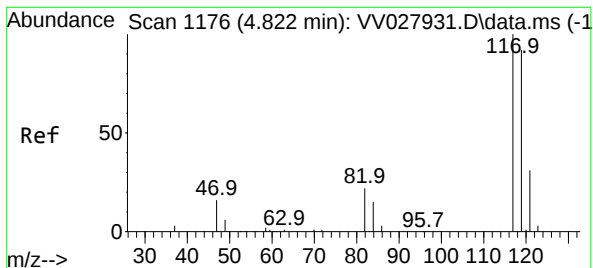
Ion Ratio Lower Upper

56 100

69 31.7 24.2 36.2

84 96.5 76.9 115.3





#31

Carbon tetrachloride

Concen: 4.963 ug/L

RT: 4.821 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VV027934.D

Acq: 19 Sep 2022 18:34

Instrument :

MSVOA_V

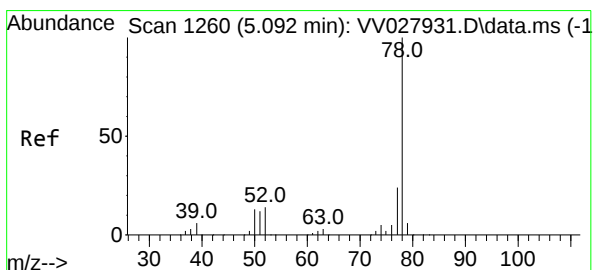
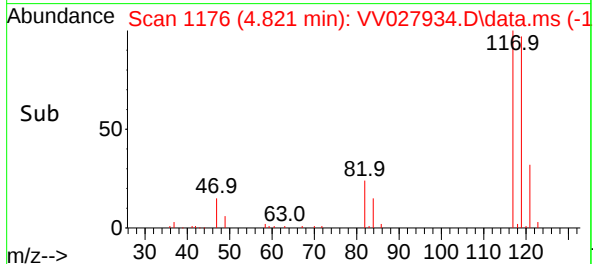
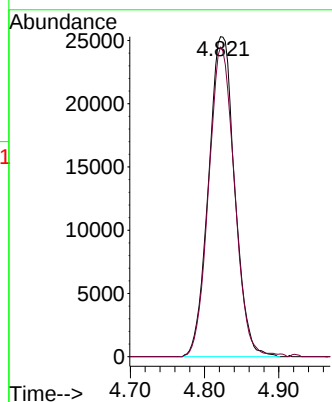
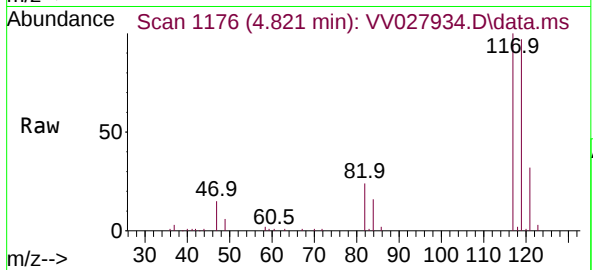
ClientSampleId :

Tgt Ion:117 Resp: 61998

Ion Ratio Lower Upper

117 100

119 95.6 74.2 111.4



#33

Benzene

Concen: 5.069 ug/L

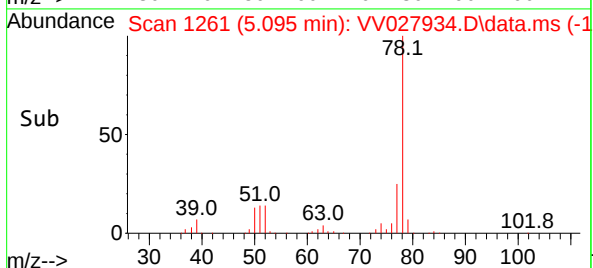
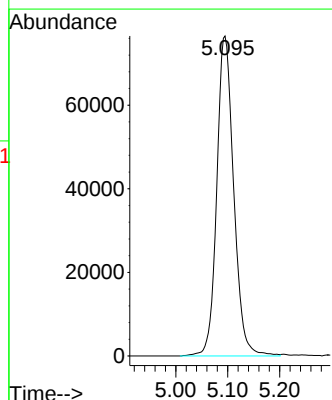
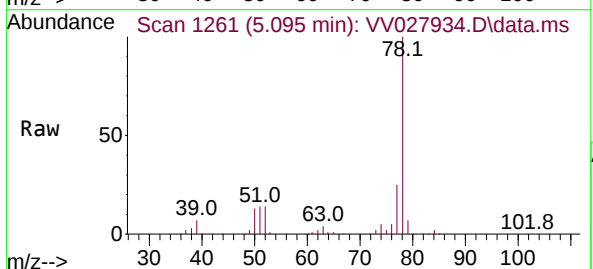
RT: 5.095 min Scan# 1261

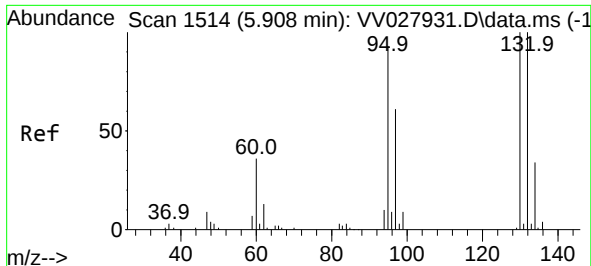
Delta R.T. 0.003 min

Lab File: VV027934.D

Acq: 19 Sep 2022 18:34

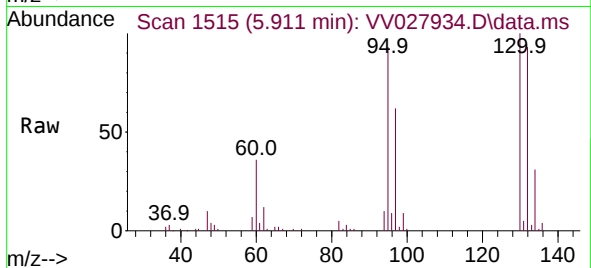
Tgt Ion: 78 Resp: 173402



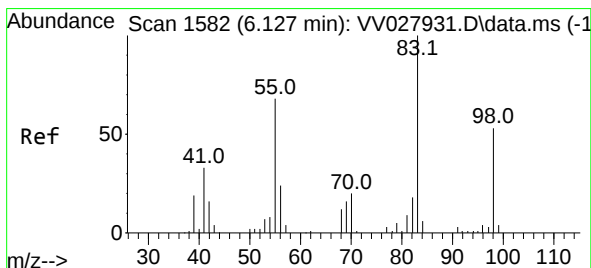
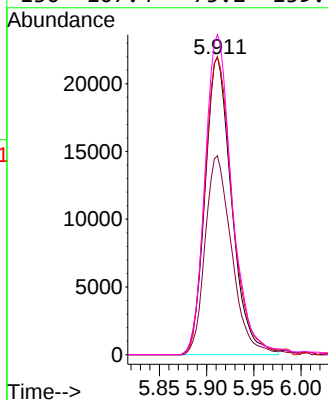
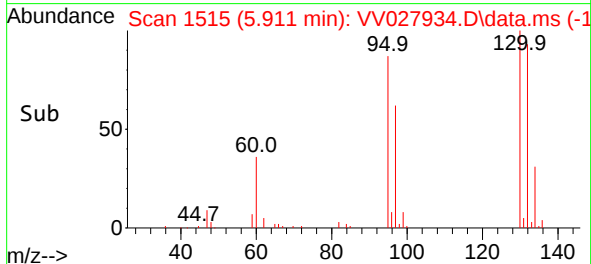


#34
Trichloroethene
Concen: 4.989 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV027934.D
Acq: 19 Sep 2022 18:34

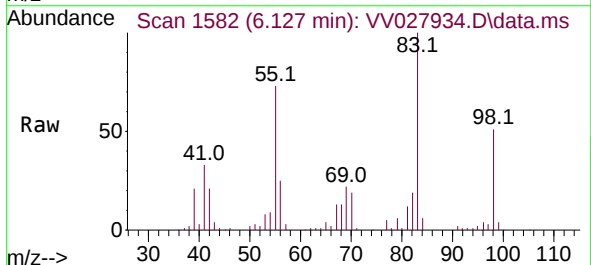
Instrument :
MSVOA_V
ClientSampleId :



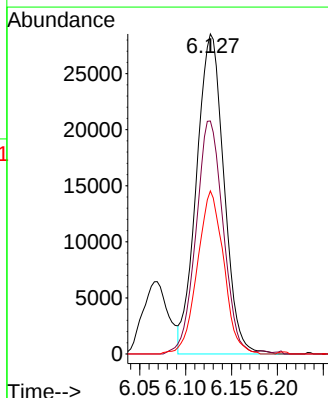
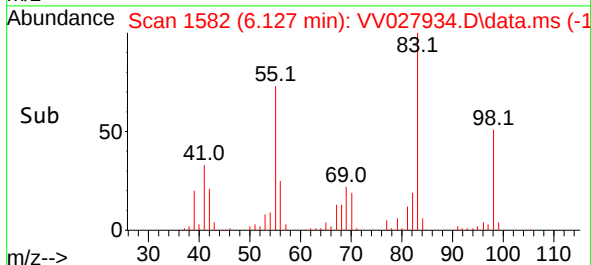
Tgt Ion: 95 Resp: 42862
Ion Ratio Lower Upper
95 100
97 66.8 46.1 85.7
132 100.0 75.2 139.6
130 107.4 75.2 139.6

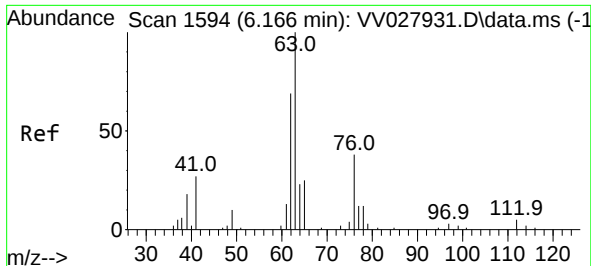


#35
Methylcyclohexane
Concen: 4.886 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV027934.D
Acq: 19 Sep 2022 18:34



Tgt Ion: 83 Resp: 59438
Ion Ratio Lower Upper
83 100
55 71.8 54.5 81.7
98 49.0 39.6 59.4





#37

1,2-Dichloropropane

Concen: 4.936 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV027934.D

Acq: 19 Sep 2022 18:34

Instrument :

MSVOA_V

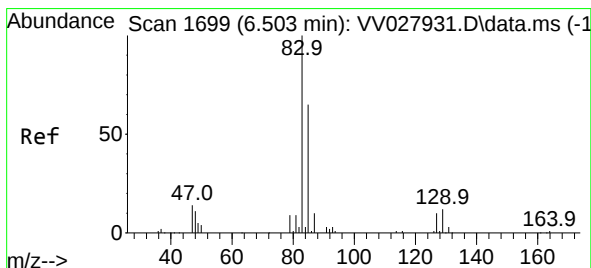
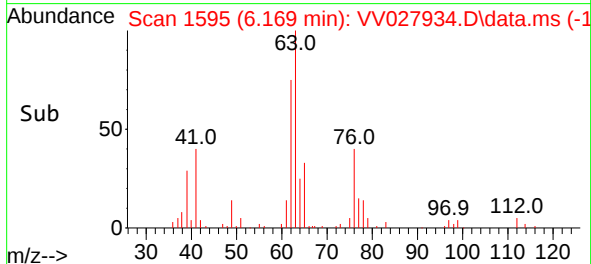
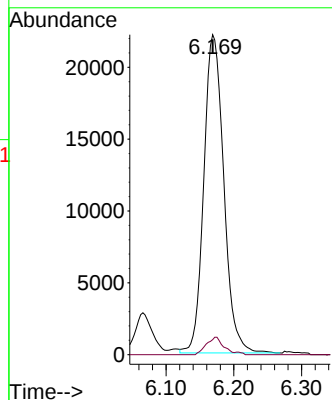
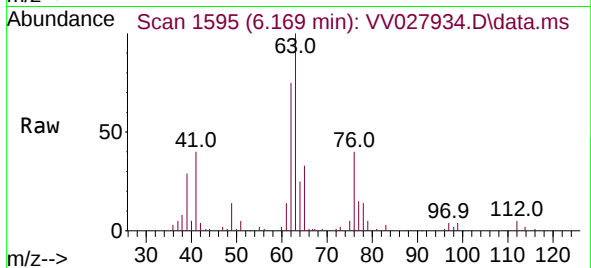
ClientSampleId :

Tgt Ion: 63 Resp: 45359

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 5.027 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV027934.D

Acq: 19 Sep 2022 18:34

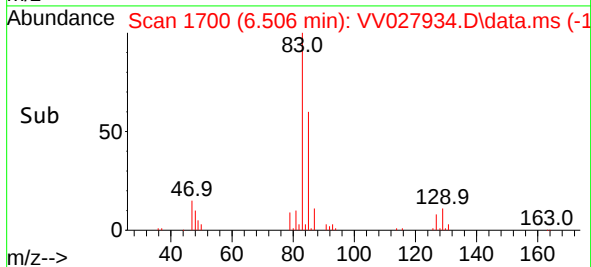
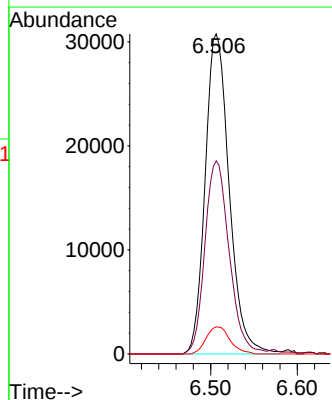
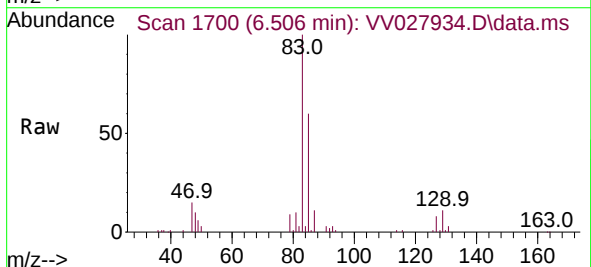
Tgt Ion: 83 Resp: 59365

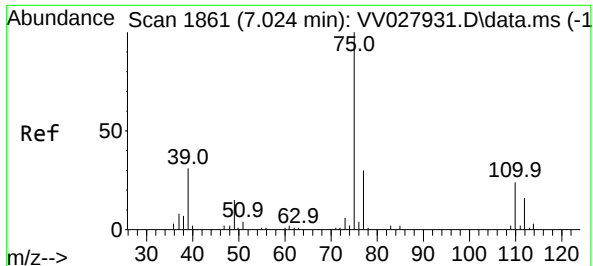
Ion Ratio Lower Upper

83 100

85 60.3 45.3 84.1

127 8.4 7.9 11.9





#39

cis-1,3-Dichloropropene

Concen: 5.061 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV027934.D

Acq: 19 Sep 2022 18:34

Instrument :

MSVOA_V

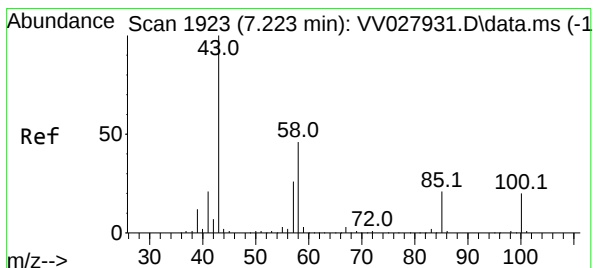
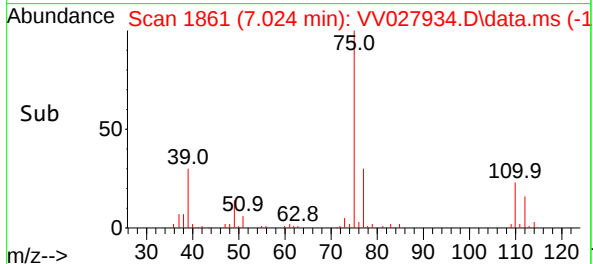
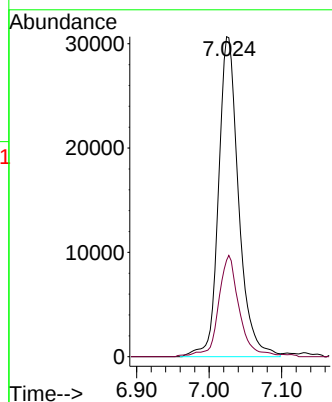
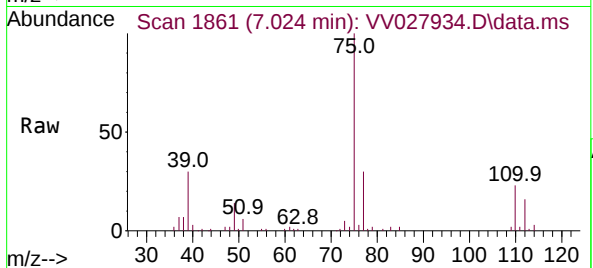
ClientSampleId :

Tgt Ion: 75 Resp: 59067

Ion Ratio Lower Upper

75 100

77 30.1 21.1 39.3



#40

4-Methyl-2-pentanone

Concen: 54.595 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV027934.D

Acq: 19 Sep 2022 18:34

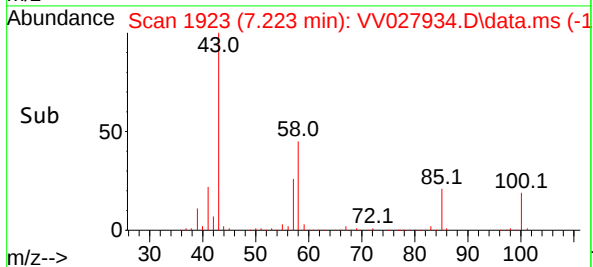
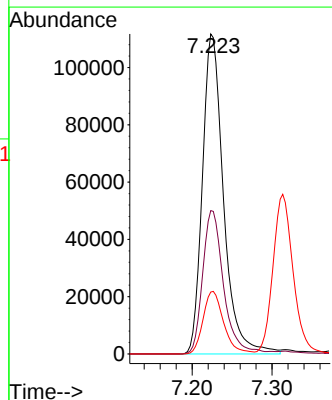
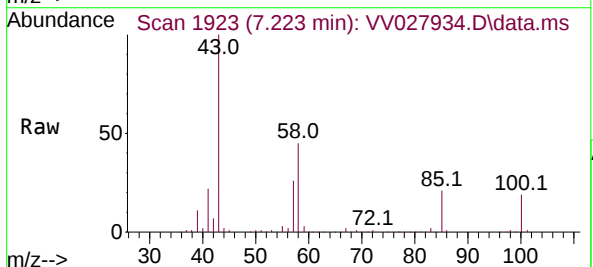
Tgt Ion: 43 Resp: 205686

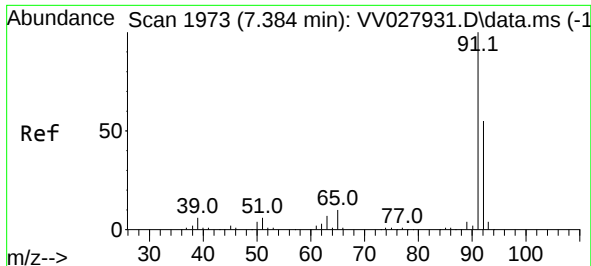
Ion Ratio Lower Upper

43 100

58 44.3 35.3 52.9

100 19.1 15.3 22.9





#42

Toluene

Concen: 5.140 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV027934.D

Acq: 19 Sep 2022 18:34

Instrument :

MSVOA_V

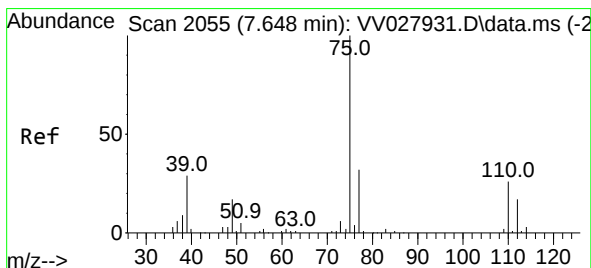
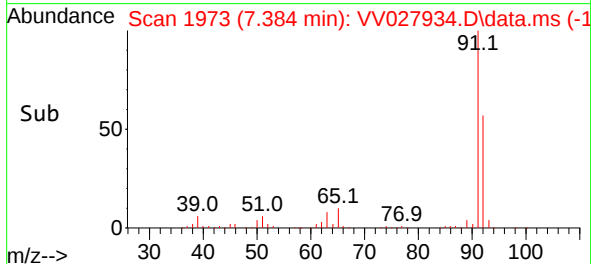
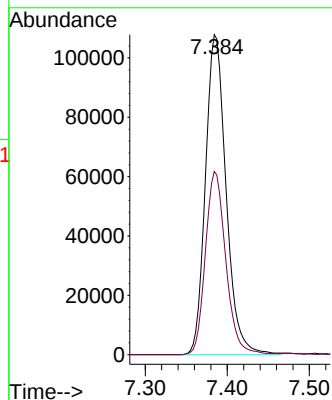
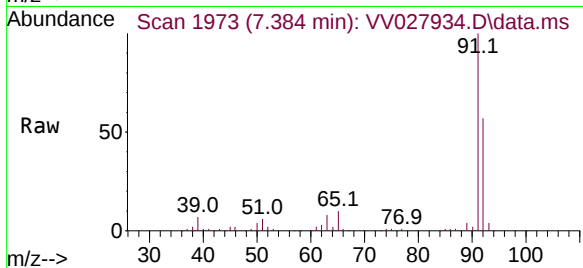
ClientSampleId :

Tgt Ion: 91 Resp: 188854

Ion Ratio Lower Upper

91 100

92 57.2 38.5 71.5



#44

trans-1,3-Dichloropropene

Concen: 5.173 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV027934.D

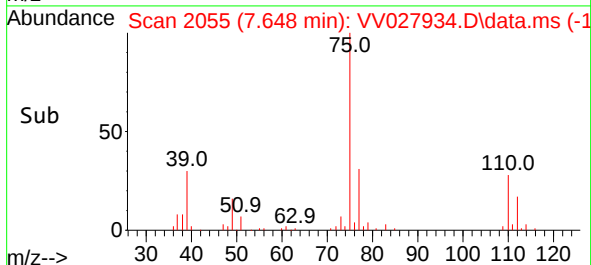
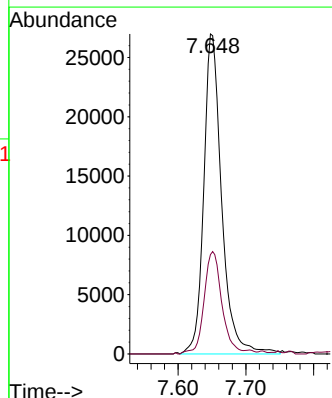
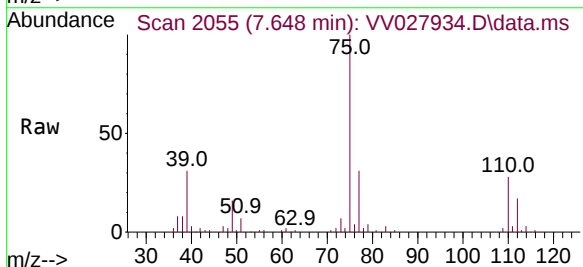
Acq: 19 Sep 2022 18:34

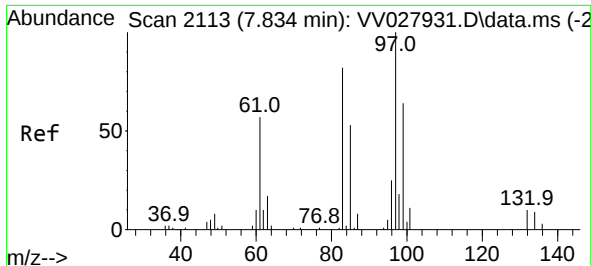
Tgt Ion: 75 Resp: 49566

Ion Ratio Lower Upper

75 100

77 31.1 22.2 41.2

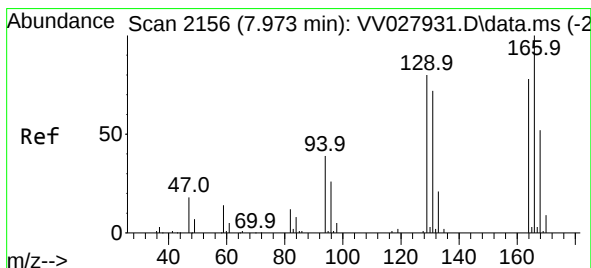
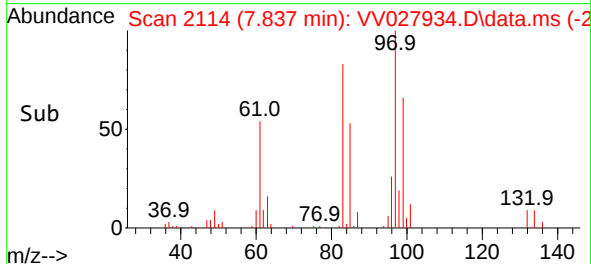
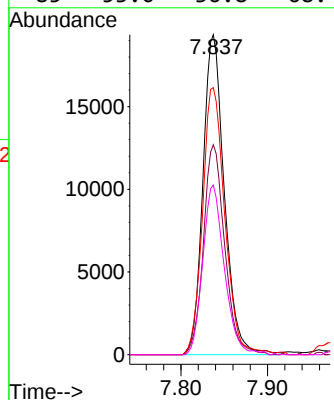
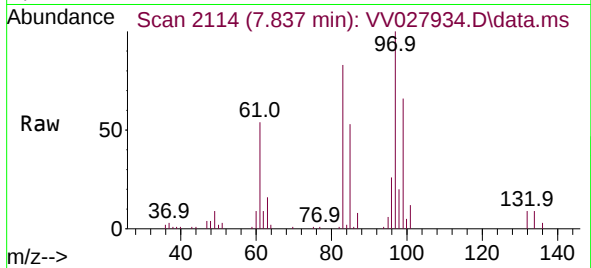




#45
1,1,2-Trichloroethane
Concen: 4.956 ug/L
RT: 7.837 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV027934.D
Acq: 19 Sep 2022 18:34

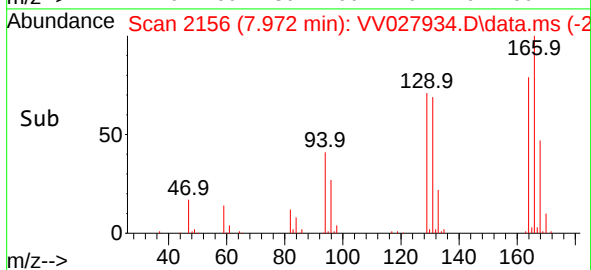
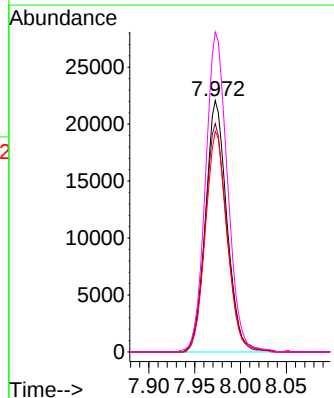
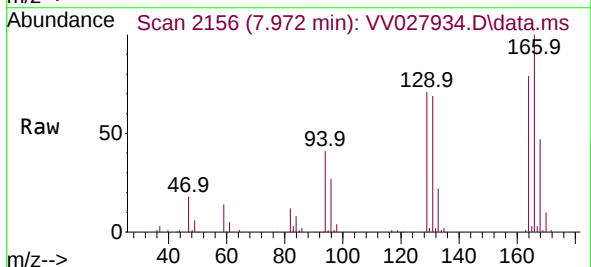
Instrument :
MSVOA_V
ClientSampleId :

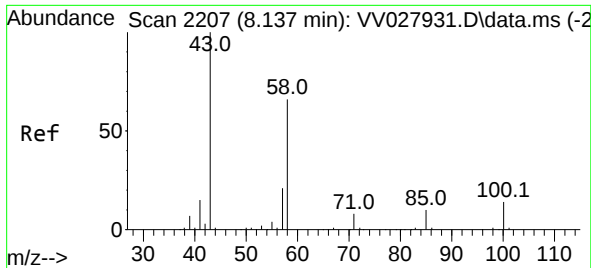
Tgt Ion: 97	Resp: 33234
Ion Ratio	Lower Upper
97 100	
99 65.6	44.9 83.5
83 83.5	57.3 106.3
85 53.0	36.8 68.4



#47
Tetrachloroethene
Concen: 4.705 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV027934.D
Acq: 19 Sep 2022 18:34

Tgt	Ion:164	Resp:	36012
Ion	Ratio	Lower	Upper
164	100		
129	90.9	71.3	132.3
131	87.8	64.5	119.7
166	127.3	89.5	166.1



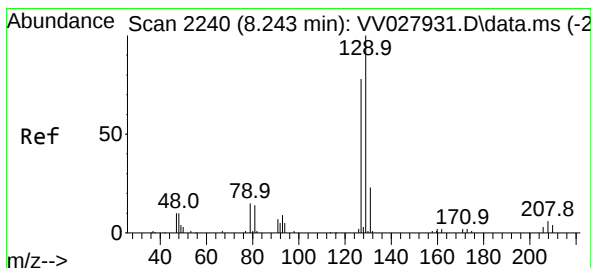
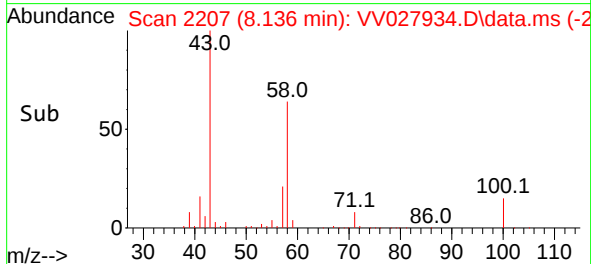
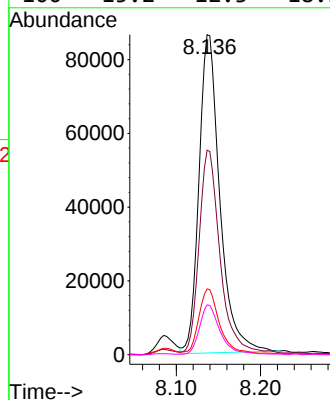
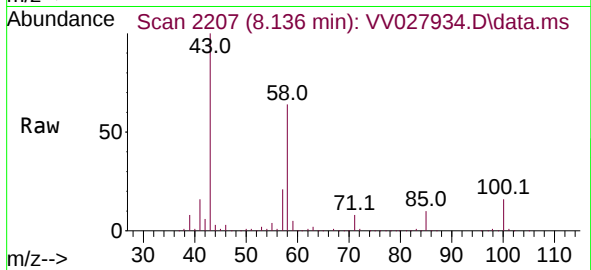


#48
2-Hexanone
Concen: 55.747 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027934.D
Acq: 19 Sep 2022 18:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 149157

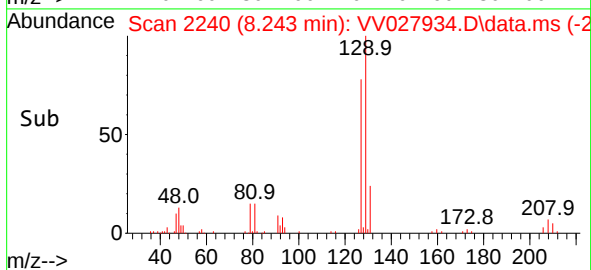
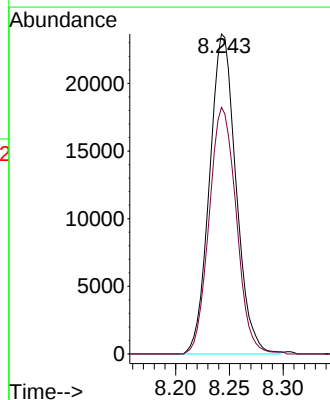
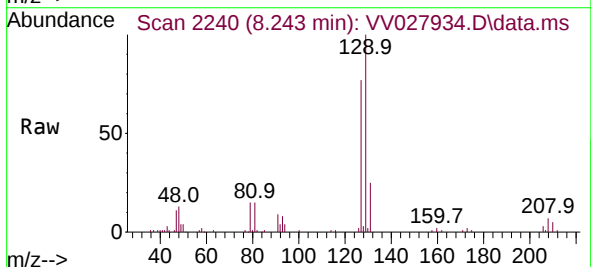
Ion	Ratio	Lower	Upper
43	100		
58	64.3	50.6	76.0
57	19.9	16.2	24.4
100	15.2	12.3	18.5

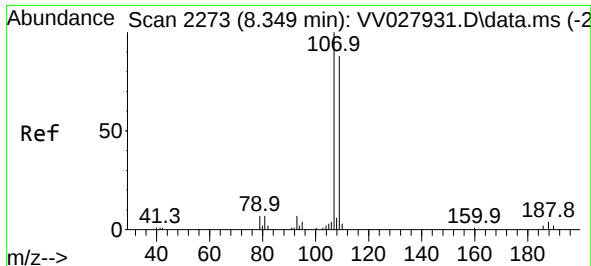


#49
Dibromochloromethane
Concen: 4.946 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027934.D
Acq: 19 Sep 2022 18:34

Tgt Ion: 129 Resp: 40535

Ion	Ratio	Lower	Upper
129	100		
127	77.1	54.3	100.9





#50

1,2-Dibromoethane

Concen: 5.010 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027934.D

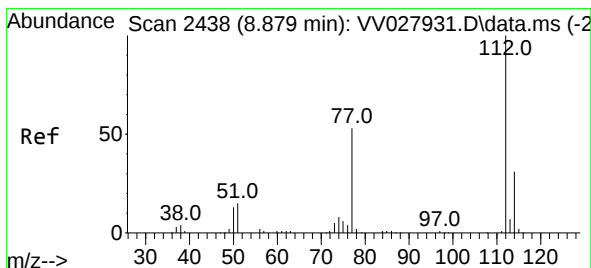
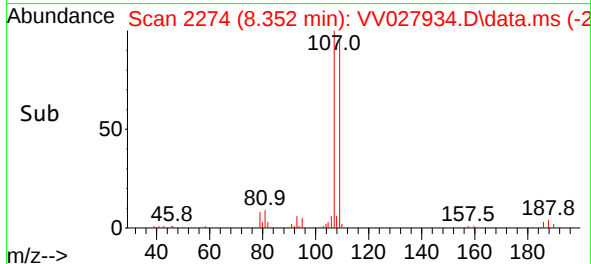
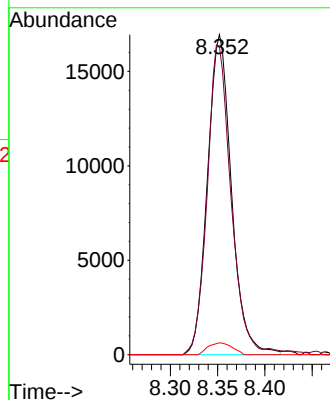
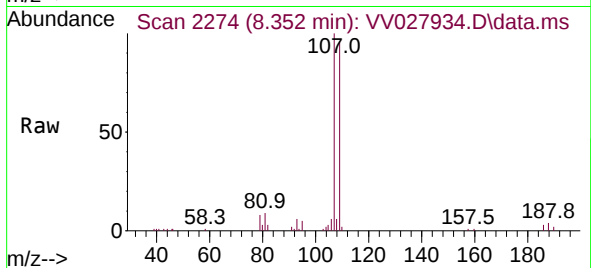
Acq: 19 Sep 2022 18:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	29883
Ion	Ratio	Lower	Upper
107	100		
109	96.3	61.4	114.0
188	3.7	3.1	4.7



#51

Chlorobenzene

Concen: 4.974 ug/L

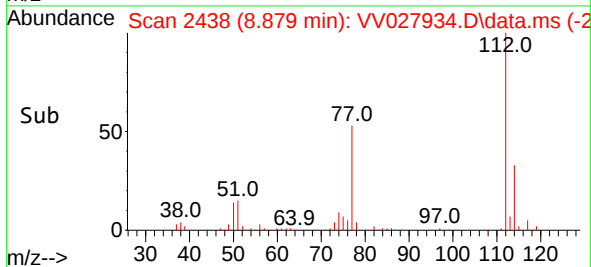
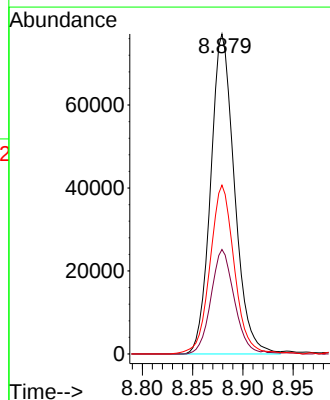
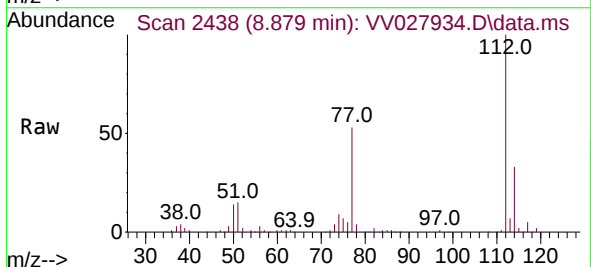
RT: 8.879 min Scan# 2438

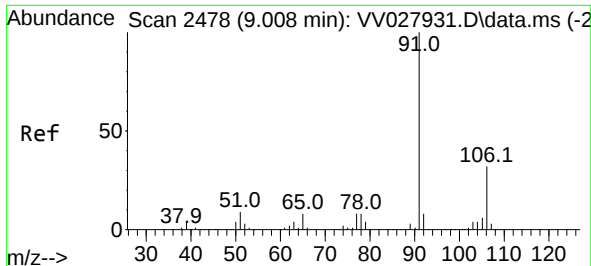
Delta R.T. -0.000 min

Lab File: VV027934.D

Acq: 19 Sep 2022 18:34

Tgt Ion:	112	Resp:	127225
Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.0	40.8
77	52.7	42.7	64.1





#52

Ethylbenzene

Concen: 5.041 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV027934.D

Acq: 19 Sep 2022 18:34

Instrument :

MSVOA_V

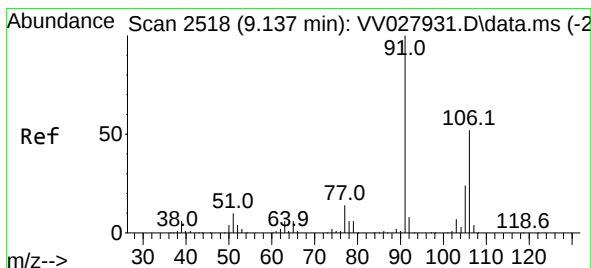
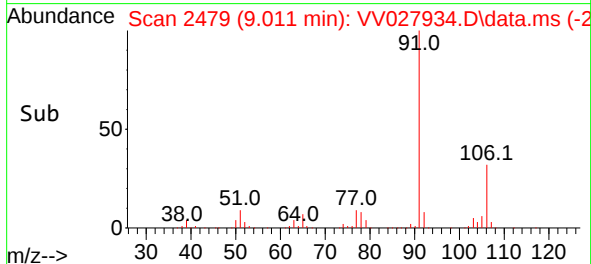
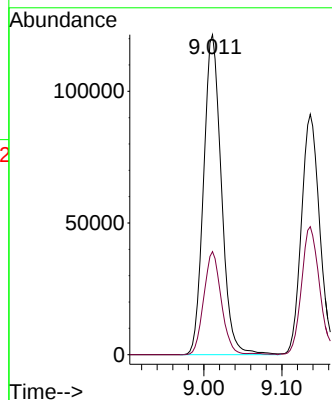
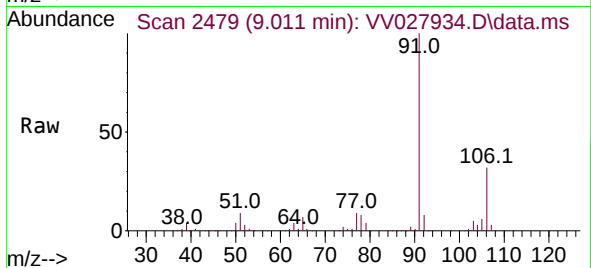
ClientSampleId :

Tgt Ion: 91 Resp: 192593

Ion Ratio Lower Upper

91 100

106 32.2 22.2 41.2



#53

m,p-Xylene

Concen: 5.329 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV027934.D

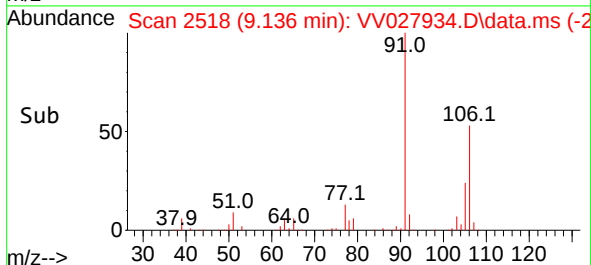
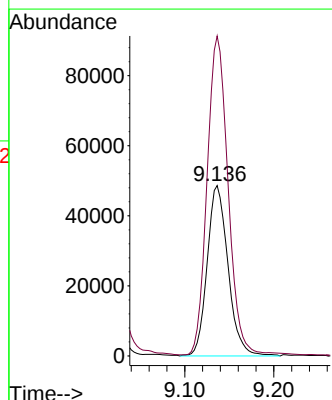
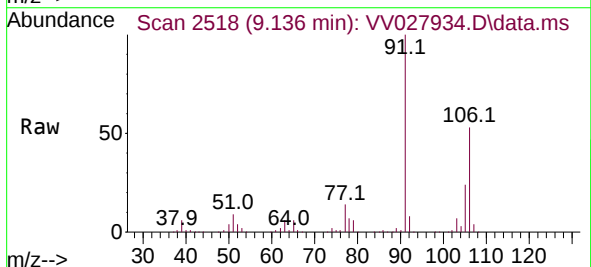
Acq: 19 Sep 2022 18:34

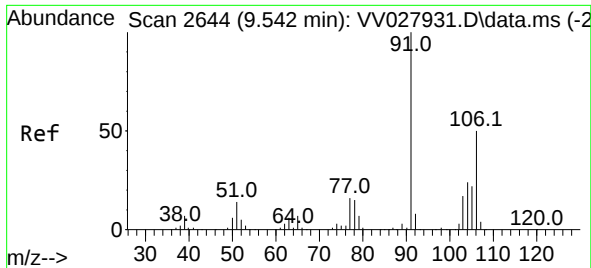
Tgt Ion:106 Resp: 79287

Ion Ratio Lower Upper

106 100

91 187.8 134.7 250.1

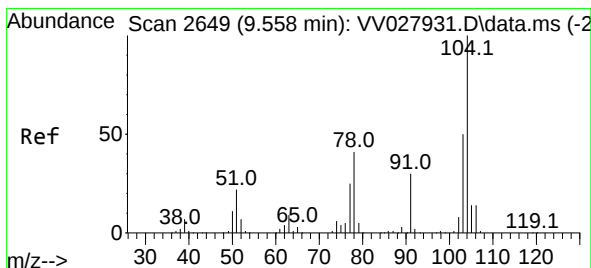
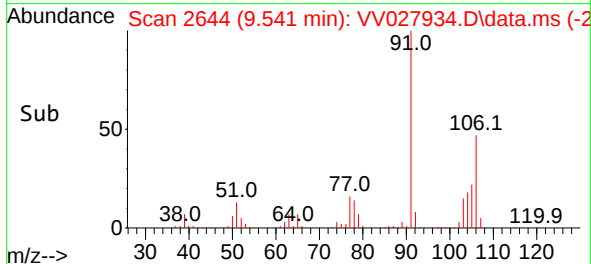
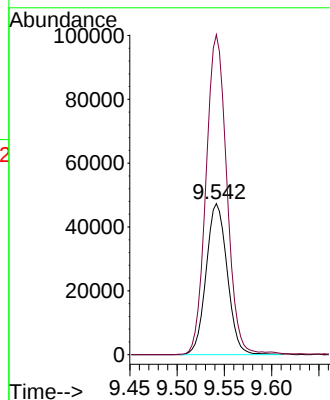
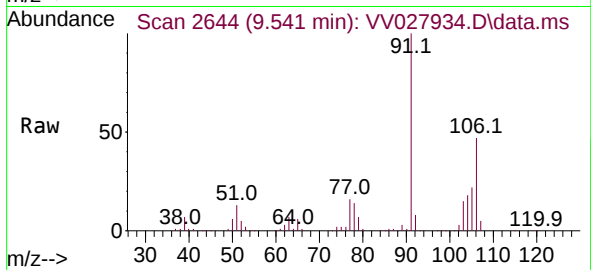




#54
o-Xylene
Concen: 4.963 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027934.D
Acq: 19 Sep 2022 18:34

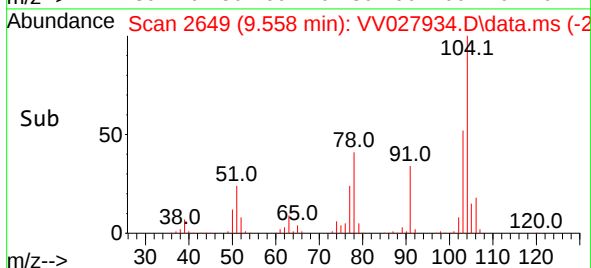
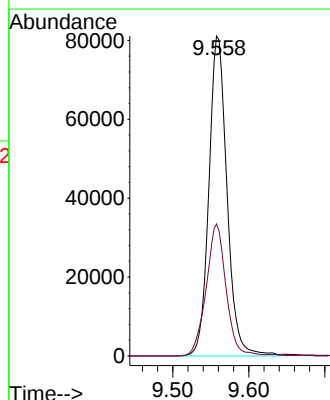
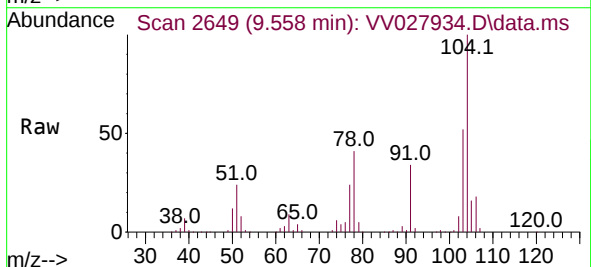
Instrument : MSVOA_V
ClientSampleId :

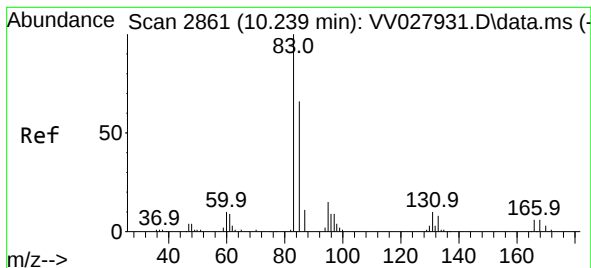
Tgt Ion:106 Resp: 73569
Ion Ratio Lower Upper
106 100
91 211.9 139.4 259.0



#55
Styrene
Concen: 5.230 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027934.D
Acq: 19 Sep 2022 18:34

Tgt Ion:104 Resp: 134308
Ion Ratio Lower Upper
104 100
78 41.2 28.4 52.8

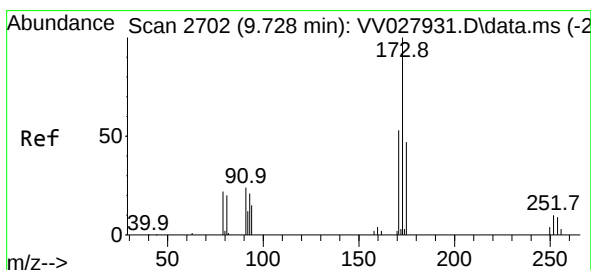
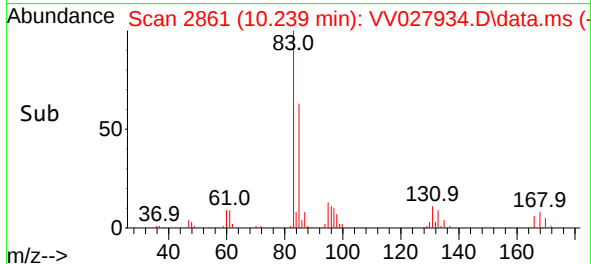
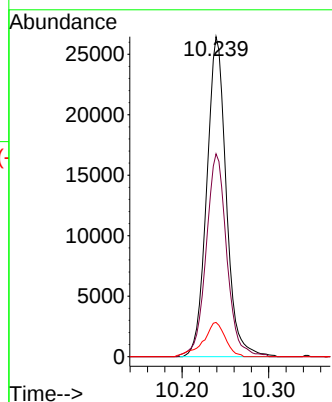
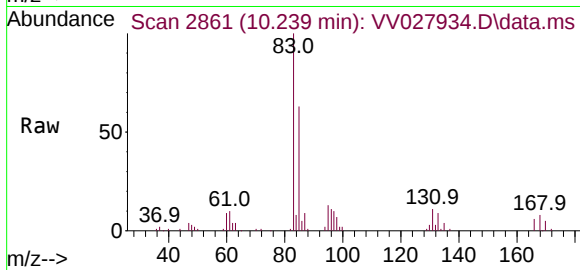




#57
1,1,2,2-Tetrachloroethane
Concen: 4.885 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV027934.D
Acq: 19 Sep 2022 18:34

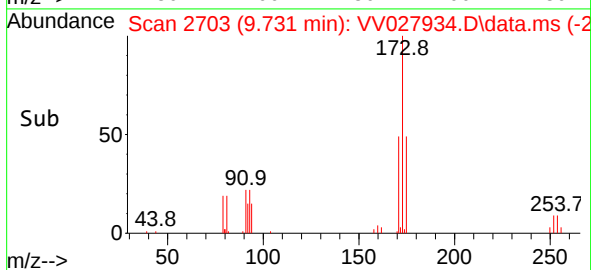
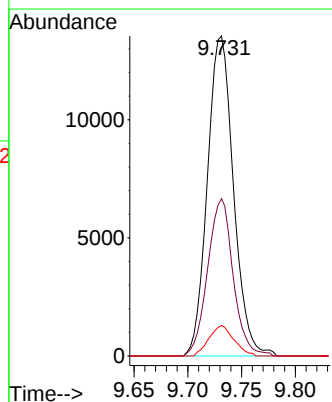
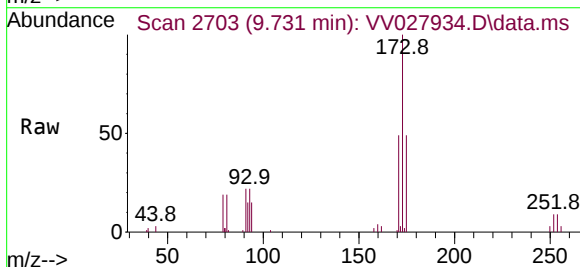
Instrument : MSVOA_V
ClientSampleId :

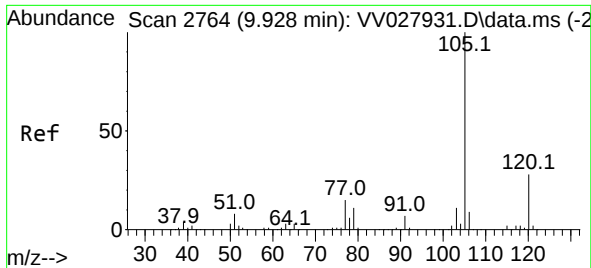
Tgt Ion: 83 Resp: 41346
Ion Ratio Lower Upper
83 100
85 63.4 46.5 86.3
131 10.7 8.3 12.5



#59
Bromoform
Concen: 4.887 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV027934.D
Acq: 19 Sep 2022 18:34

Tgt Ion: 173 Resp: 22891
Ion Ratio Lower Upper
173 100
175 48.0 37.5 56.3
254 9.1 7.3 10.9

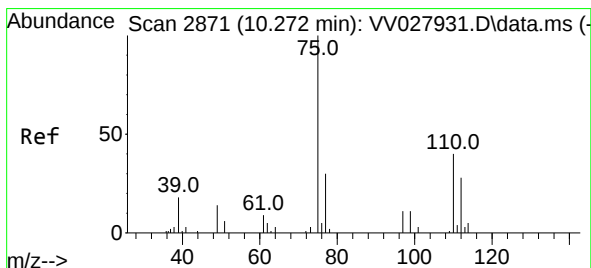
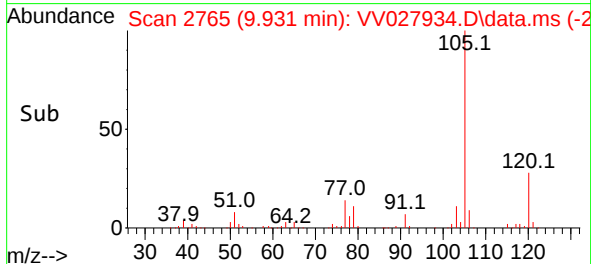
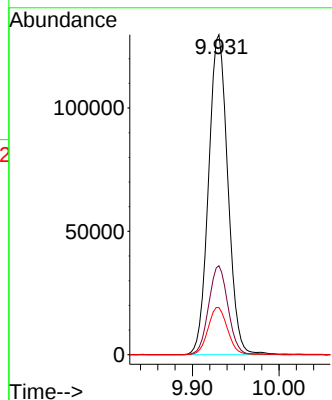
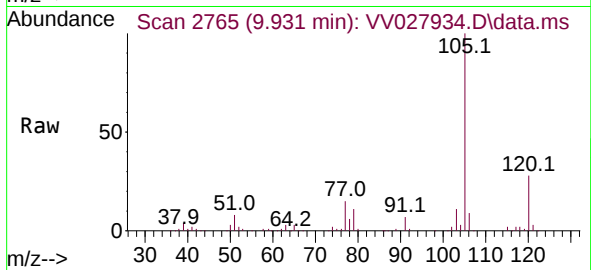




#60
Isopropylbenzene
Concen: 5.074 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027934.D
Acq: 19 Sep 2022 18:34

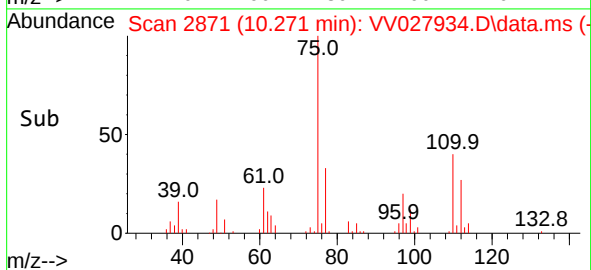
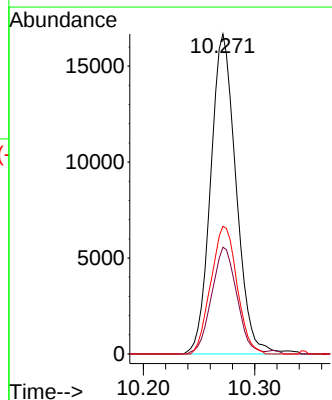
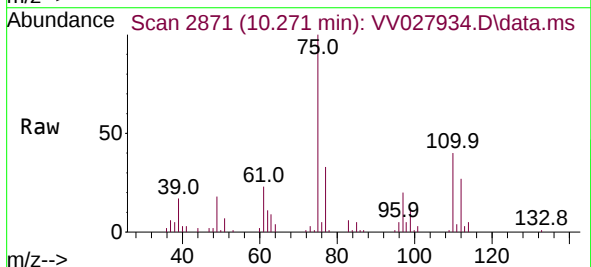
Instrument :
MSVOA_V
ClientSampleId :

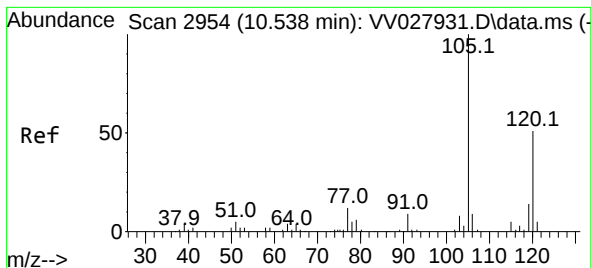
Tgt Ion:105 Resp: 200689
Ion Ratio Lower Upper
105 100
120 27.8 22.3 33.5
77 14.9 11.7 17.5



#61
1,2,3-Trichloropropane
Concen: 5.063 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV027934.D
Acq: 19 Sep 2022 18:34

Tgt Ion: 75 Resp: 26391
Ion Ratio Lower Upper
75 100
77 33.3 26.1 39.1
110 41.2 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 4.864 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV027934.D

Acq: 19 Sep 2022 18:34

Instrument :

MSVOA_V

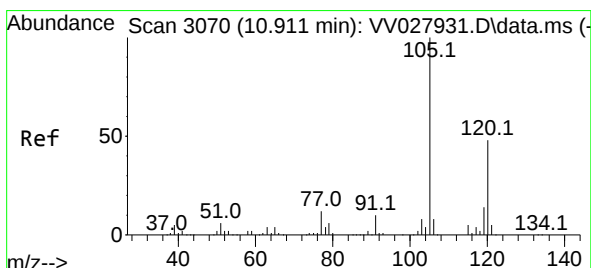
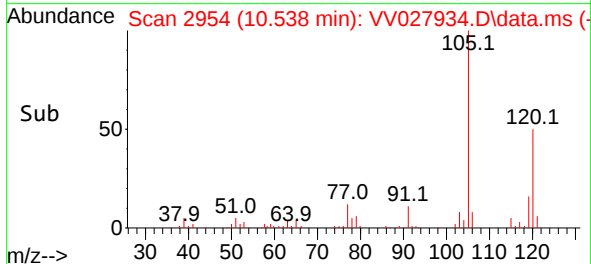
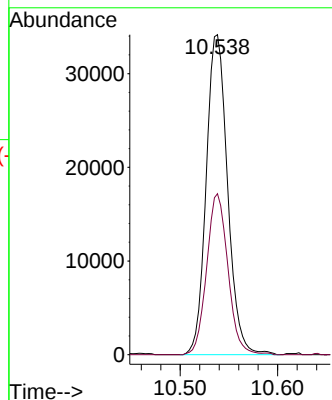
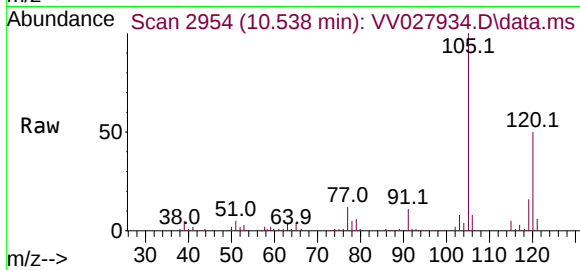
ClientSampleId :

Tgt Ion:105 Resp: 52092

Ion Ratio Lower Upper

105 100

120 50.1 40.2 60.2



#63

1,2,4-Trimethylbenzene

Concen: 4.838 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV027934.D

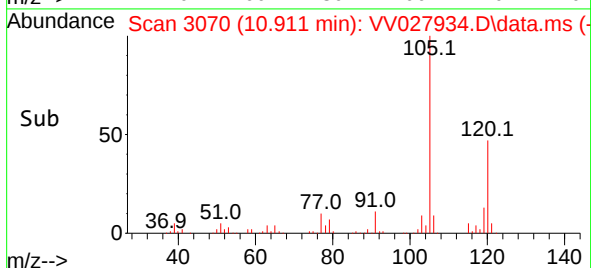
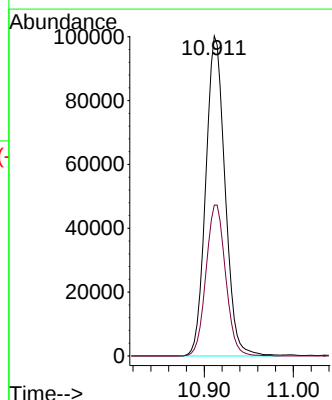
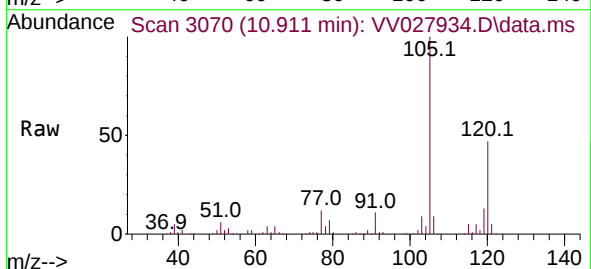
Acq: 19 Sep 2022 18:34

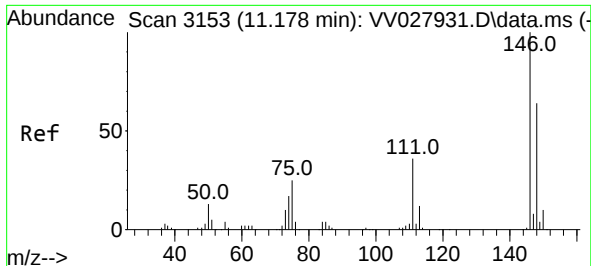
Tgt Ion:105 Resp: 150410

Ion Ratio Lower Upper

105 100

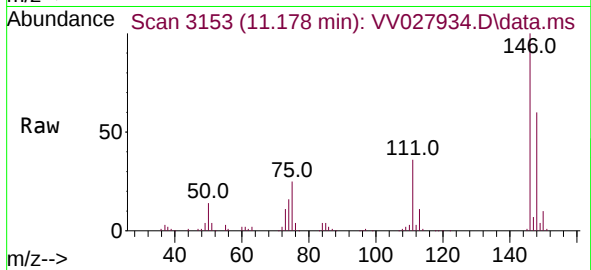
120 48.0 37.9 56.9



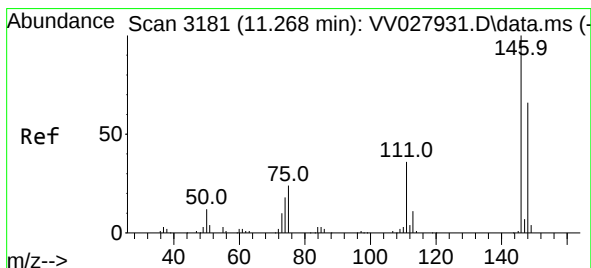
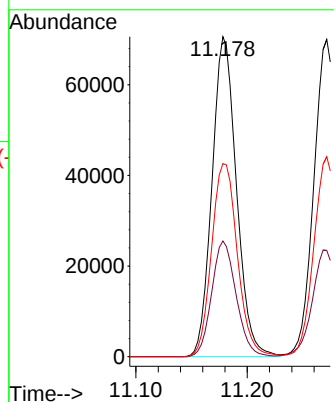
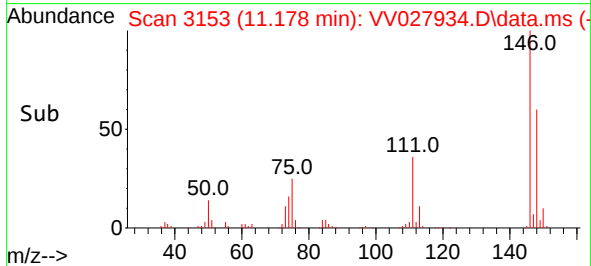


#64
1,3-Dichlorobenzene
Concen: 5.000 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV027934.D
Acq: 19 Sep 2022 18:34

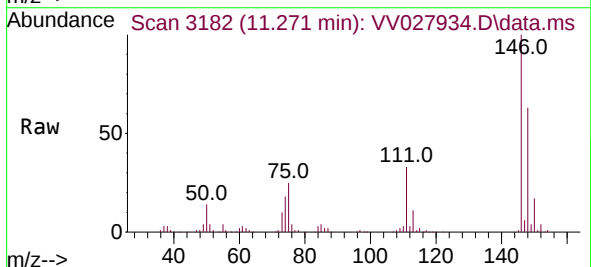
Instrument :
MSVOA_V
ClientSampleId :



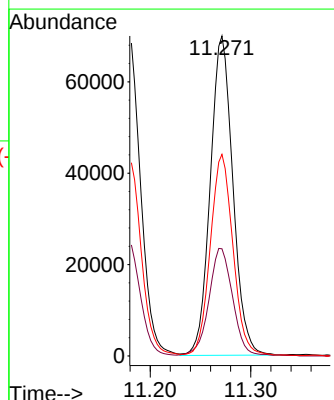
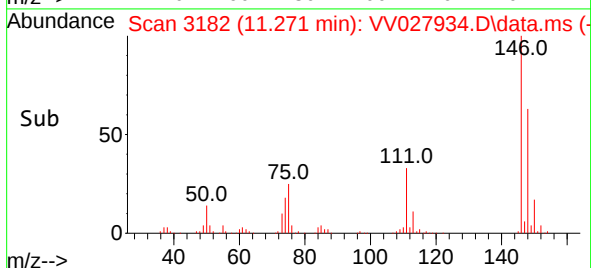
Tgt Ion:146 Resp: 107782
Ion Ratio Lower Upper
146 100
111 36.2 25.3 46.9
148 60.4 44.4 82.5

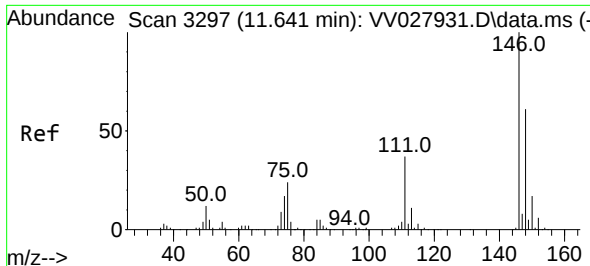


#65
1,4-Dichlorobenzene
Concen: 5.018 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV027934.D
Acq: 19 Sep 2022 18:34



Tgt Ion:146 Resp: 109193
Ion Ratio Lower Upper
146 100
111 33.5 25.2 46.8
148 63.0 46.2 85.8

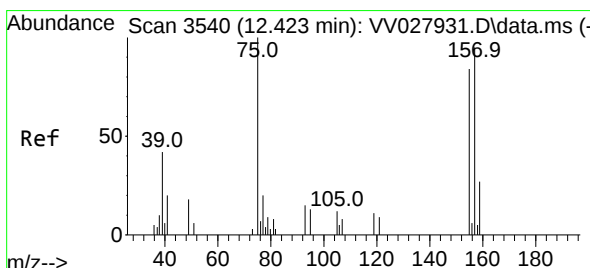
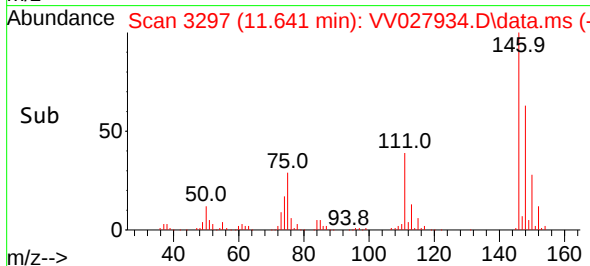
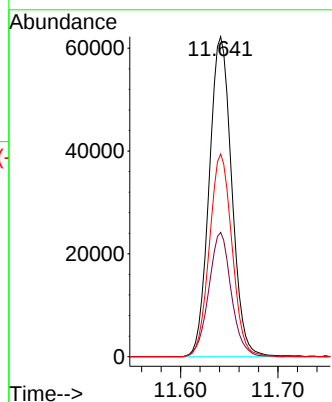
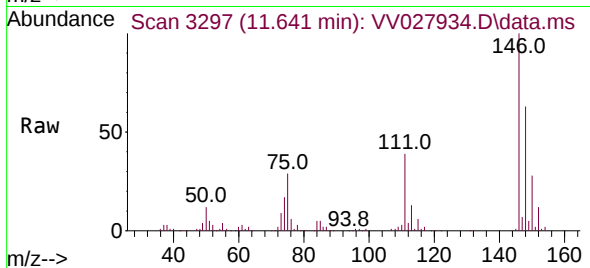




#67
1,2-Dichlorobenzene
Concen: 5.039 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV027934.D
Acq: 19 Sep 2022 18:34

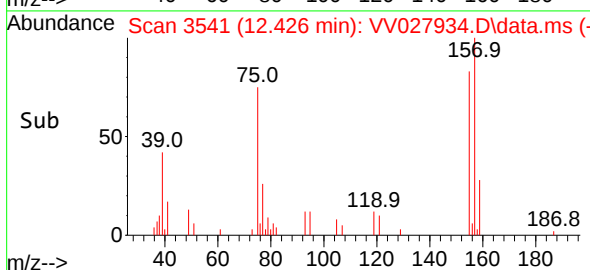
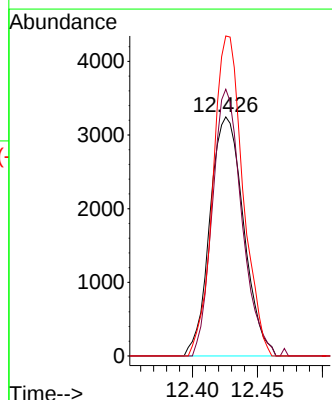
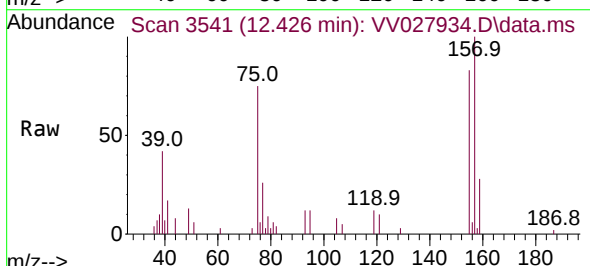
Instrument :
MSVOA_V
ClientSampleId :

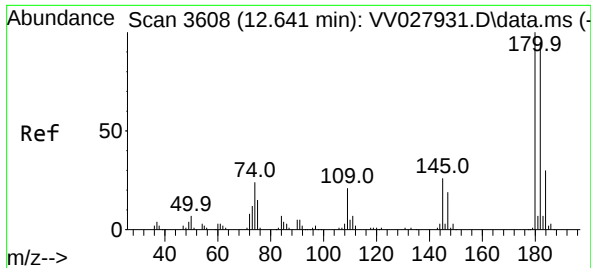
Tgt Ion:146 Resp: 100037
Ion Ratio Lower Upper
146 100
111 38.8 29.7 44.5
148 63.3 48.7 73.1



#68
1,2-Dibromo-3-chloropropane
Concen: 4.951 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.003 min
Lab File: VV027934.D
Acq: 19 Sep 2022 18:34

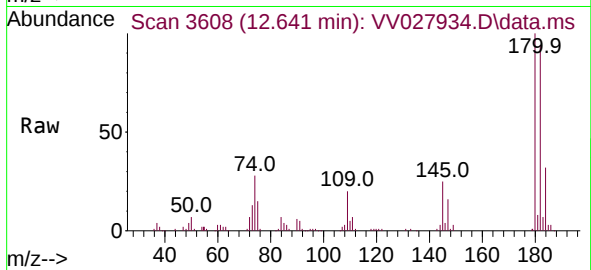
Tgt Ion: 75 Resp: 5851
Ion Ratio Lower Upper
75 100
155 111.6 67.6 101.4#
157 133.9 75.9 113.9#



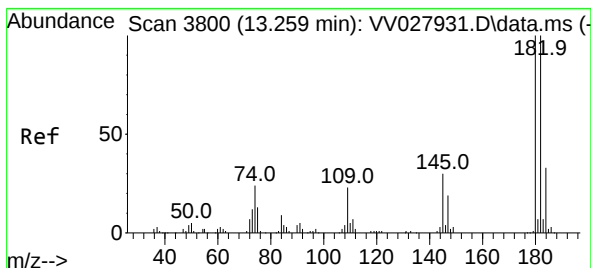
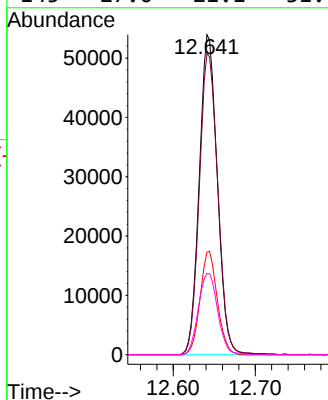
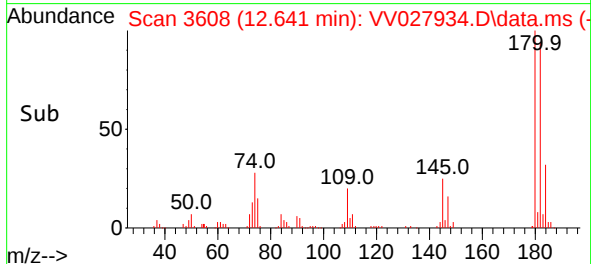


#69
 1,3,5-Trichlorobenzene
 Concen: 4.787 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VV027934.D
 Acq: 19 Sep 2022 18:34

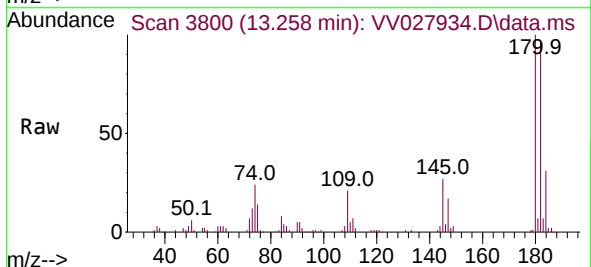
Instrument :
 MSVOA_V
 ClientSampleId :



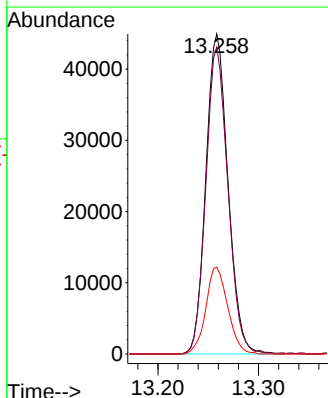
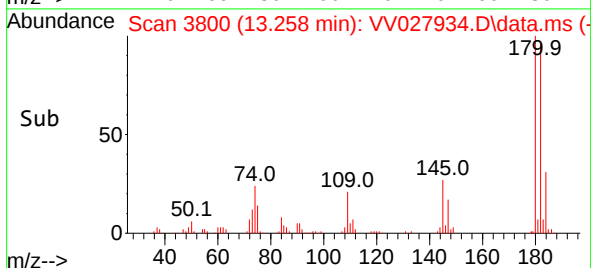
Tgt Ion:180	Resp:	82329	
Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.7	115.1
184	30.8	24.6	37.0
145	27.0	21.1	31.7

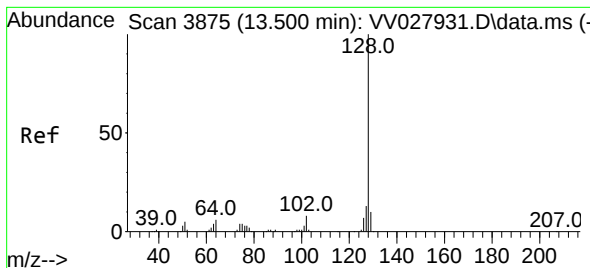


#70
 1,2,4-trichlorobenzene
 Concen: 5.012 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV027934.D
 Acq: 19 Sep 2022 18:34



Tgt Ion:180	Resp:	68680	
Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.7	115.1
145	26.9	23.0	34.4





#71

Naphthalene

Concen: 4.945 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV027934.D

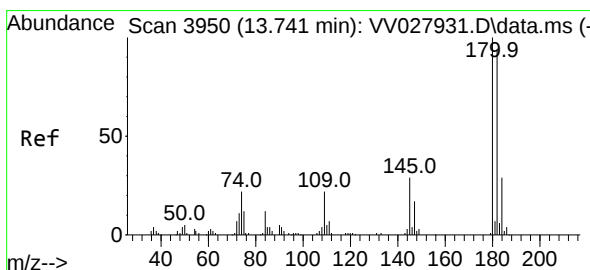
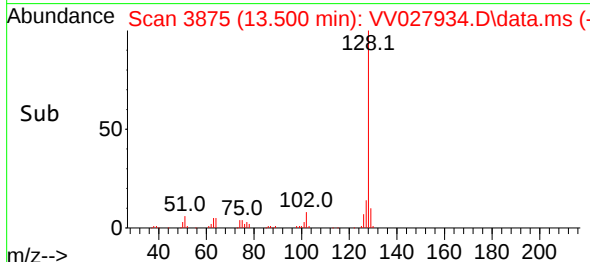
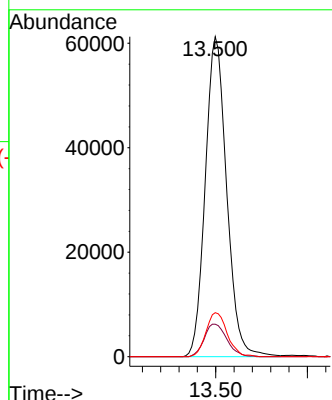
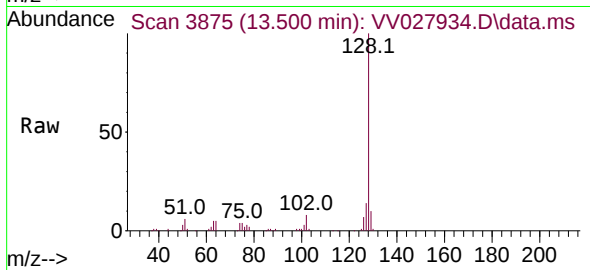
Acq: 19 Sep 2022 18:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	99194
Ion Ratio	Lower	Upper
128	100	
129	10.8	8.2 12.2
127	13.7	10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 5.004 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV027934.D

Acq: 19 Sep 2022 18:34

Tgt Ion:180	Resp:	61253
Ion Ratio	Lower	Upper
180	100	
182	92.7	74.2 111.2
145	30.4	23.9 35.9

