

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081922\
 Data File : VV027437.D
 Acq On : 19 Aug 2022 11:03
 Operator : SY/MD
 Sample : VSTD01016
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010216

Quant Time: Aug 20 05:22:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:20:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	152374	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	151123	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	84526	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	110743	8.776	ug/L	0.00
7) Chloroethane-d5	1.565	69	75798	8.193	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	249523	10.314	ug/L	0.00
20) 2-Butanone-d5	3.886	46	141342	68.723	ug/L	0.00
24) Chloroform-d	4.343	84	218674	9.277	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	93021	8.384	ug/L	0.00
32) Benzene-d6	5.047	84	433867	9.890	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	120120	8.968	ug/L	0.00
41) Toluene-d8	7.314	98	413509	10.316	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	44254	9.521	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	154485	88.947	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	75556	7.989	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	121671	8.597	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	167026	9.424	ug/L	99
3) Chloromethane	1.240	50	147168	8.493	ug/L	99
5) Vinyl chloride	1.311	62	147641	8.998	ug/L	100
6) Bromomethane	1.520	94	75117	9.733	ug/L	100
8) Chloroethane	1.584	64	81515	8.870	ug/L	98
9) Trichlorofluoromethane	1.751	101	230422	10.218	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	132387	11.913	ug/L	99
12) 1,1-Dichloroethene	2.114	96	118606	10.674	ug/L	91
13) Acetone	2.175	43	106192	68.019	ug/L	100
14) Carbon disulfide	2.291	76	324100	7.775	ug/L	100
15) Methyl Acetate	2.433	43	35703	8.551	ug/L	93
16) Methylene chloride	2.503	84	134135	7.754	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	258829	10.129	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	125119	9.395	ug/L	97
19) 1,1-Dichloroethane	3.185	63	264766	10.214	ug/L	99
21) 2-Butanone	3.970	43	198057	90.773	ug/L	93
22) cis-1,2-Dichloroethene	3.905	96	136821	10.388	ug/L	98
23) Bromochloromethane	4.243	128	59405	9.727	ug/L	95
25) Chloroform	4.368	83	273903	10.179	ug/L	97
27) 1,2-Dichloroethane	5.127	62	144077	9.437	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	239100	10.928	ug/L	99
30) Cyclohexane	4.674	56	200608	11.561	ug/L	98
31) Carbon tetrachloride	4.822	117	209475	11.021	ug/L	98
33) Benzene	5.095	78	553748	10.637	ug/L	100
34) Trichloroethene	5.912	95	138376	10.618	ug/L	99
35) Methylcyclohexane	6.127	83	207647	11.718	ug/L	95
37) 1,2-Dichloropropane	6.169	63	141445	10.974	ug/L	99
38) Bromodichloromethane	6.507	83	180009	10.730	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	180361	11.314	ug/L	98
40) 4-Methyl-2-pentanone	7.224	43	701763	107.486	ug/L	98
42) Toluene	7.384	91	592146	11.379	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	151008	10.993	ug/L	99

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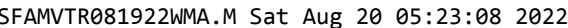
Quant Time: Aug 20 05:22:57 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:20:09 2022
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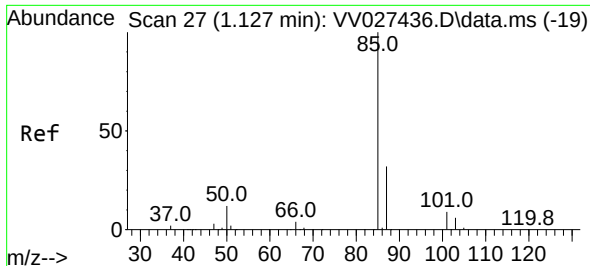
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.838	97	90747	10.010	ug/L	95
47) Tetrachloroethene	7.973	164	109032	10.655	ug/L	98
48) 2-Hexanone	8.137	43	500741	106.739	ug/L	97
49) Dibromochloromethane	8.243	129	114246	10.618	ug/L	95
50) 1,2-Dibromoethane	8.349	107	80231	9.973	ug/L	95
51) Chlorobenzene	8.879	112	360844	10.637	ug/L	99
52) Ethylbenzene	9.011	91	615689	11.820	ug/L	100
53) m,p-Xylene	9.137	106	241416	12.132	ug/L	97
54) o-Xylene	9.542	106	228230	11.696	ug/L	99
55) Styrene	9.558	104	404533	12.134	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	101860	10.046	ug/L	98
59) Bromoform	9.731	173	55060	9.598	ug/L	99
60) Isopropylbenzene	9.928	105	616967	11.424	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	72563	8.910	ug/L	97
62) 1,3,5-Trimethylbenzene	10.539	105	160519	10.768	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	498652	11.702	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	290654	10.719	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	285467	10.566	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	261040	10.469	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	15638	9.280	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	216661	11.070	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	157371	10.791	ug/L	99
71) Naphthalene	13.500	128	218336	9.913	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	146233	10.887	ug/L	100

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

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QLast Update : Sat Aug 20 05:20:09 2022
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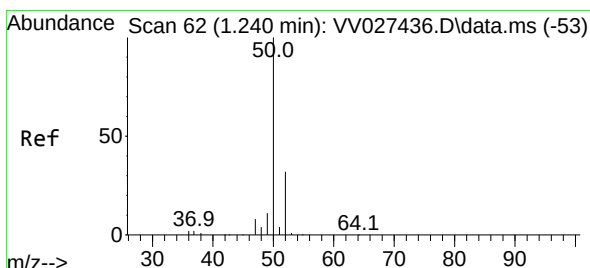
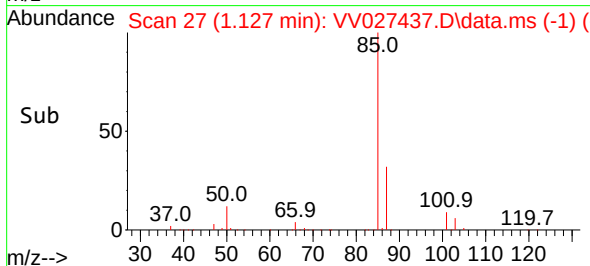
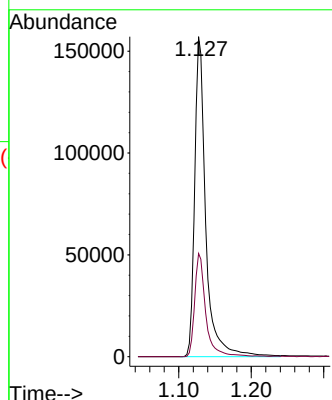
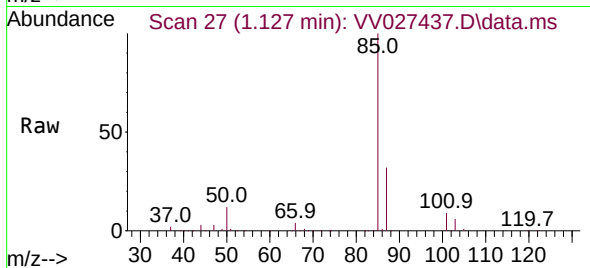




#2
 Dichlorodifluoromethane
 Concen: 9.424 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027437.D
 Acq: 19 Aug 2022 11:03

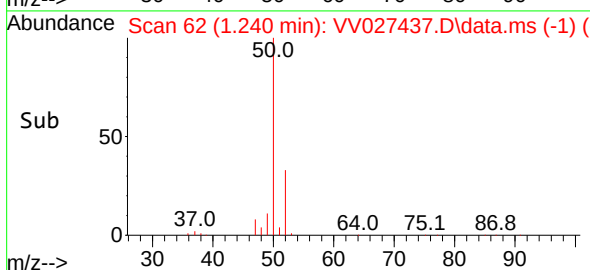
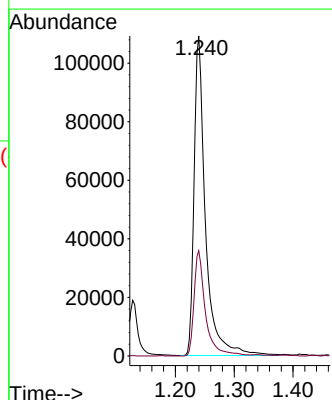
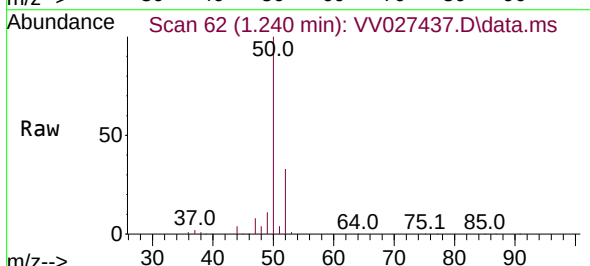
Instrument :
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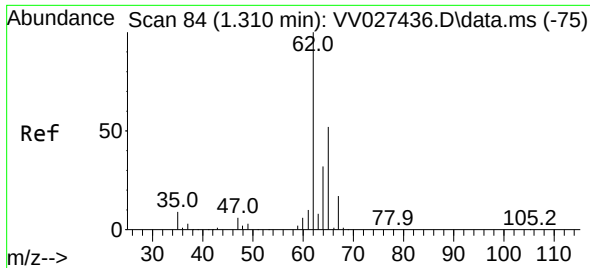
Tgt Ion: 85 Resp: 167026
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.0 39.0



#3
 Chloromethane
 Concen: 8.493 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV027437.D
 Acq: 19 Aug 2022 11:03

Tgt Ion: 50 Resp: 147168
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.8 42.4

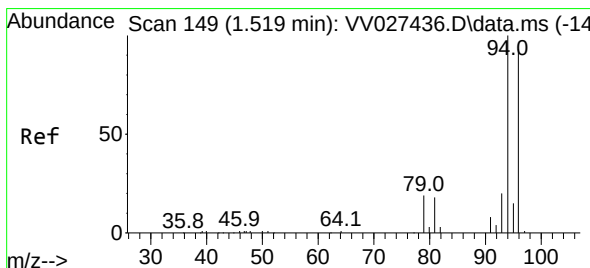
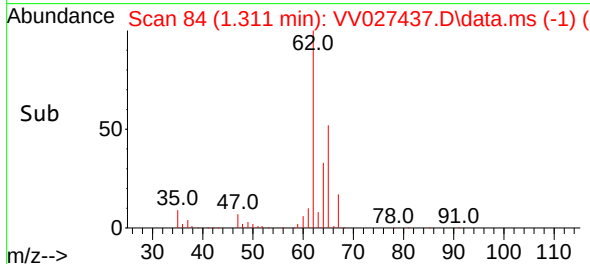
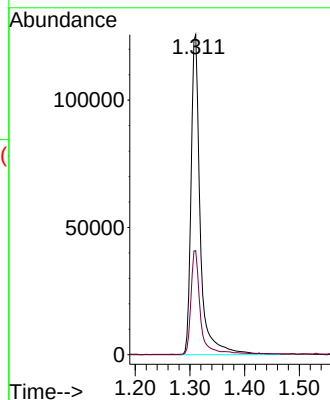
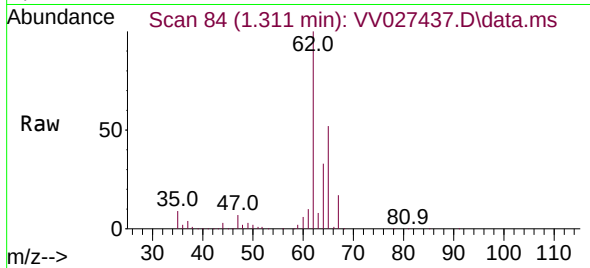




#5
 Vinyl chloride
 Concen: 8.998 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV027437.D
 Acq: 19 Aug 2022 11:03

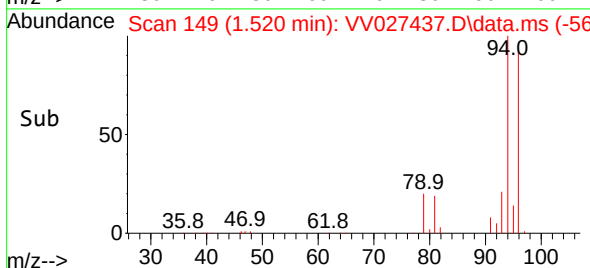
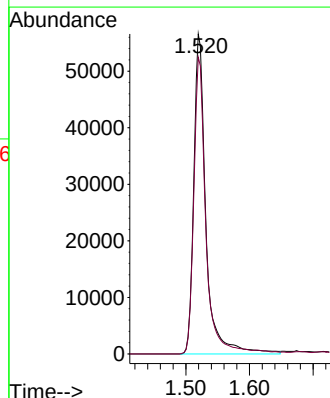
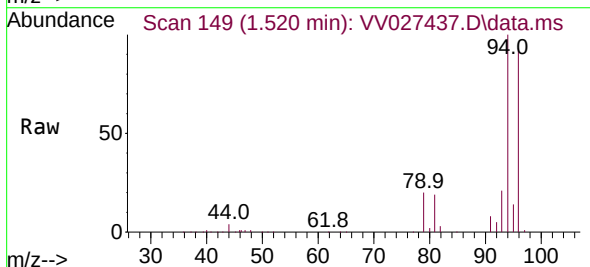
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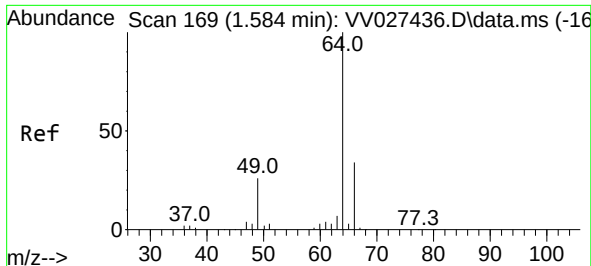
Tgt Ion: 62 Resp: 147641
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.6 42.0



#6
 Bromomethane
 Concen: 9.733 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV027437.D
 Acq: 19 Aug 2022 11:03

Tgt Ion: 94 Resp: 75117
 Ion Ratio Lower Upper
 94 100
 96 92.7 65.2 121.0

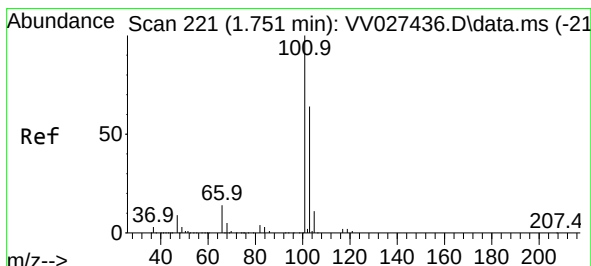
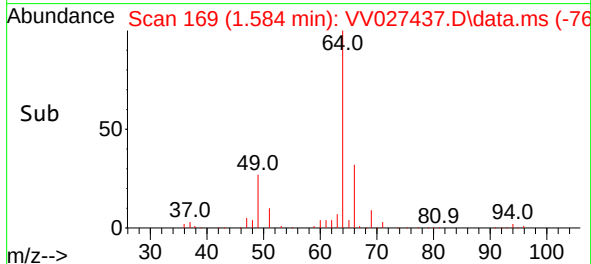
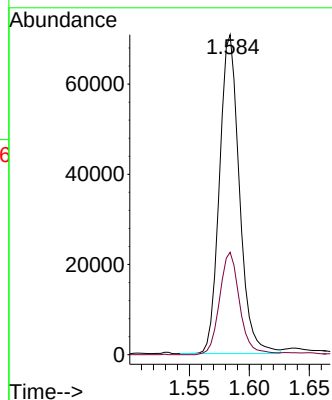
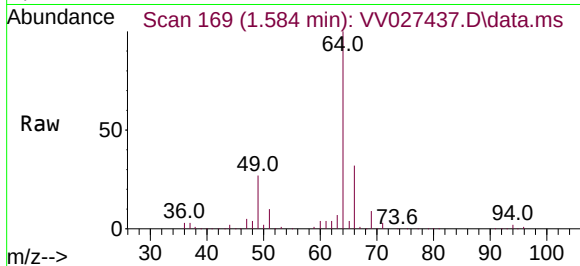




#8
Chloroethane
Concen: 8.870 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

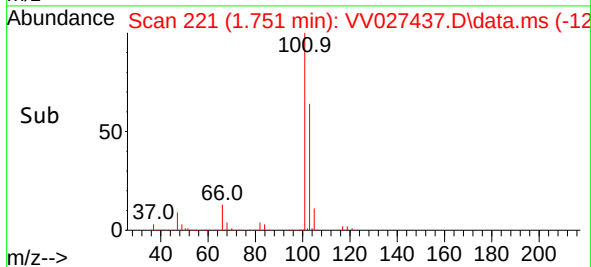
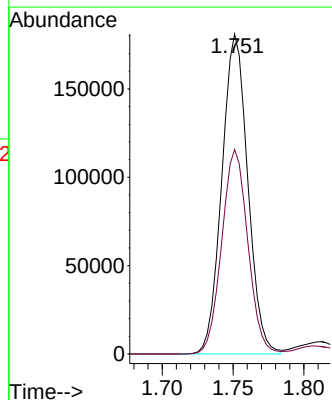
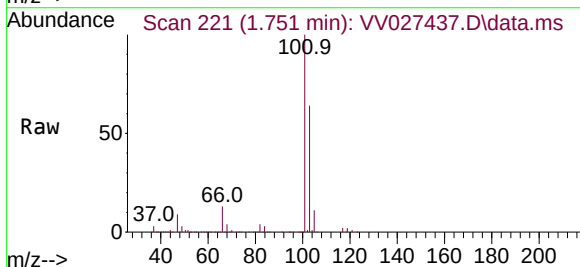
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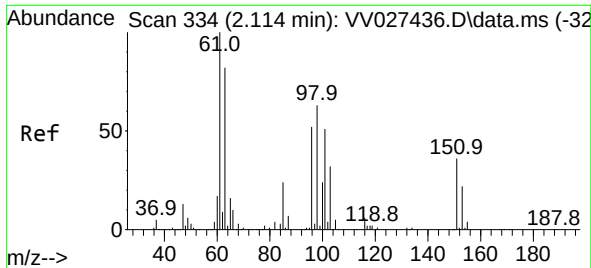
Tgt Ion: 64 Resp: 81515
Ion Ratio Lower Upper
64 100
66 32.0 23.3 43.3



#9
Trichlorofluoromethane
Concen: 10.218 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

Tgt Ion:101 Resp: 230422
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

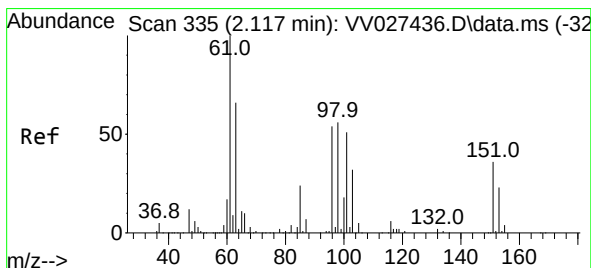
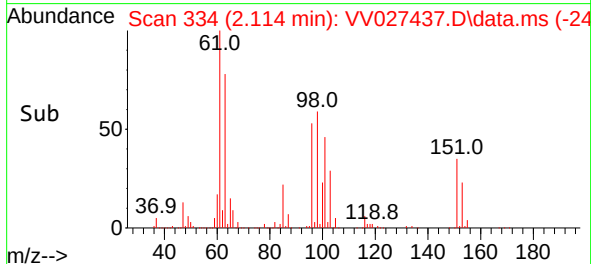
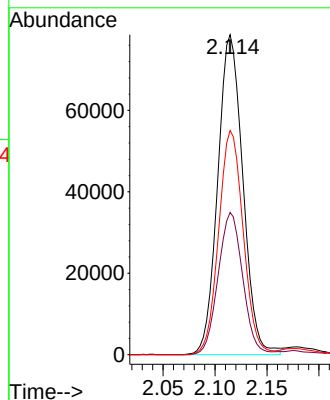
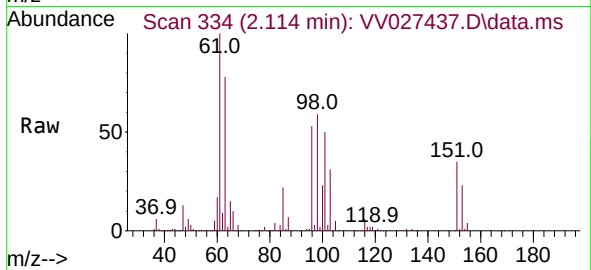




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.913 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV027437.D
 Acq: 19 Aug 2022 11:03

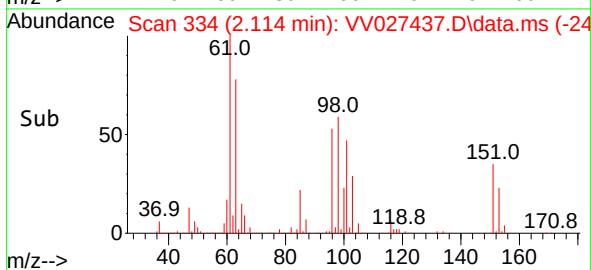
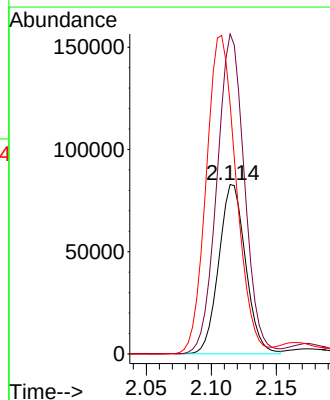
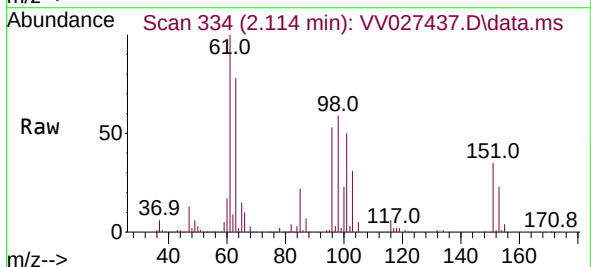
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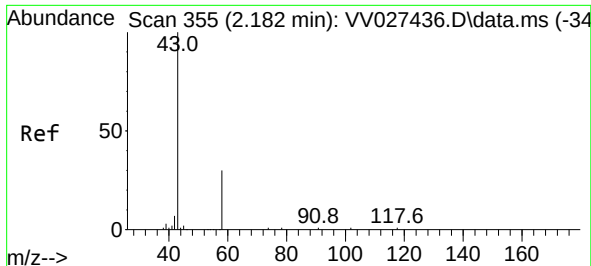
Tgt Ion:101 Resp: 132387
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.3 52.9
 151 68.5 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 10.674 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV027437.D
 Acq: 19 Aug 2022 11:03

Tgt Ion: 96 Resp: 118606
 Ion Ratio Lower Upper
 96 100
 61 188.9 130.2 241.8
 63 147.5 87.4 162.4

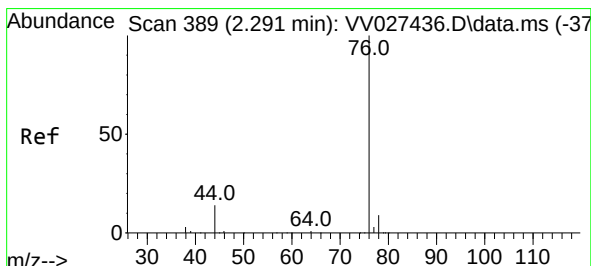
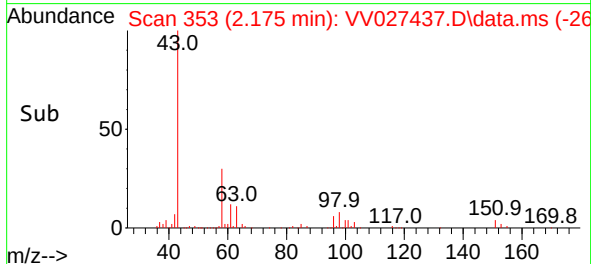
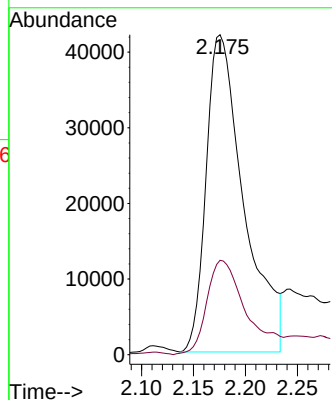
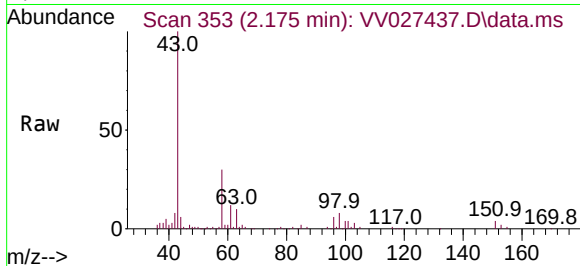




#13
Acetone
Concen: 68.019 ug/L
RT: 2.175 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

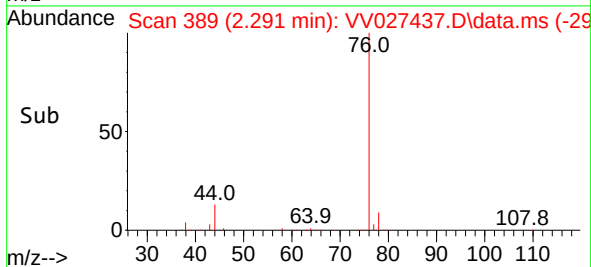
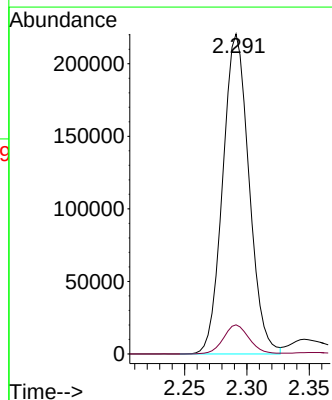
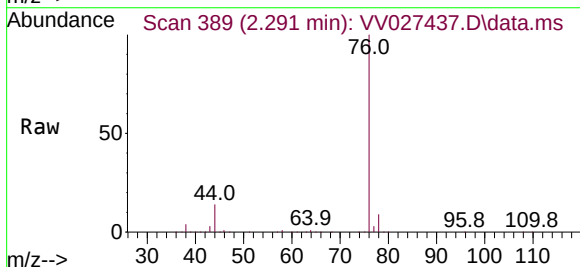
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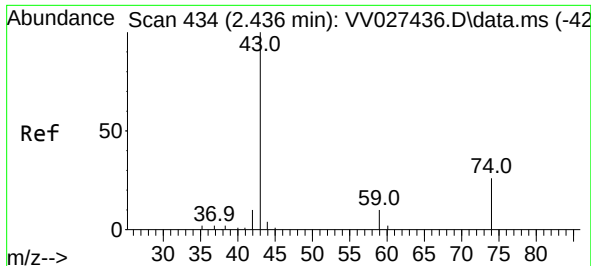
Tgt Ion: 43 Resp: 106192
Ion Ratio Lower Upper
43 100
58 31.3 0.0 62.2



#14
Carbon disulfide
Concen: 7.775 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

Tgt Ion: 76 Resp: 324100
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

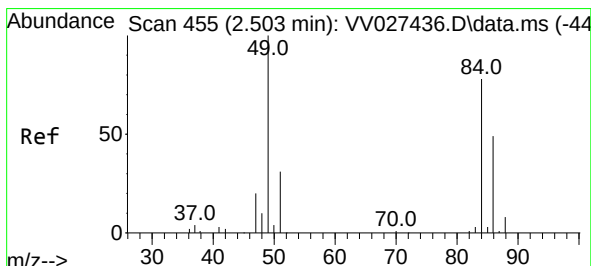
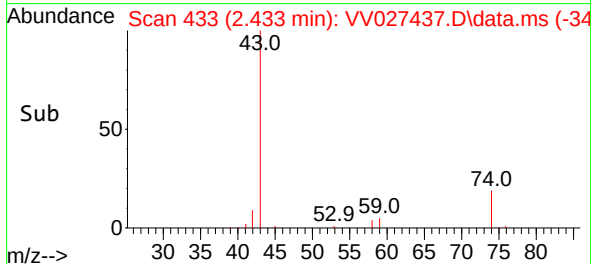
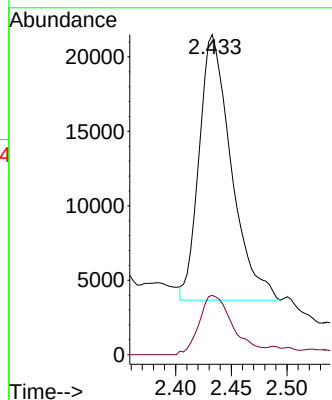
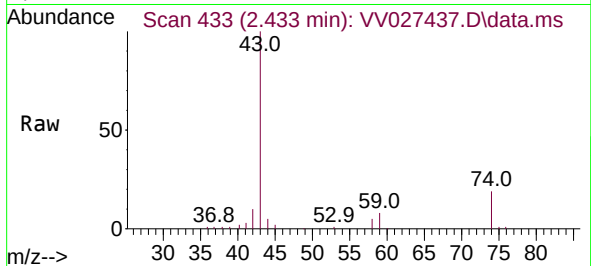




#15
Methyl Acetate
Concen: 8.551 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

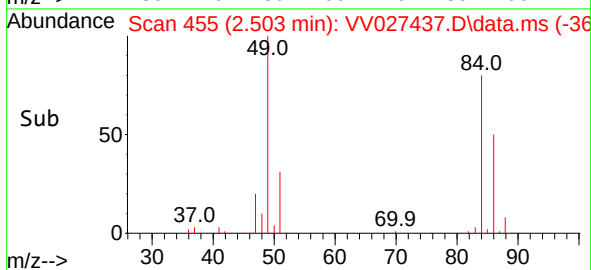
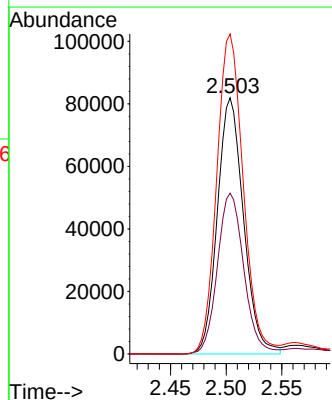
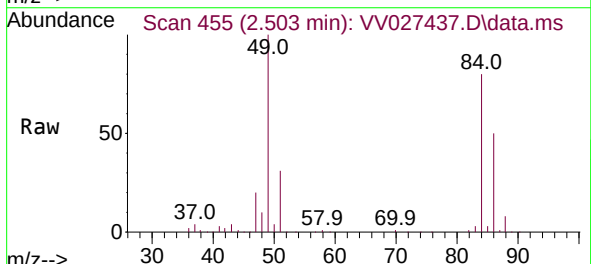
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

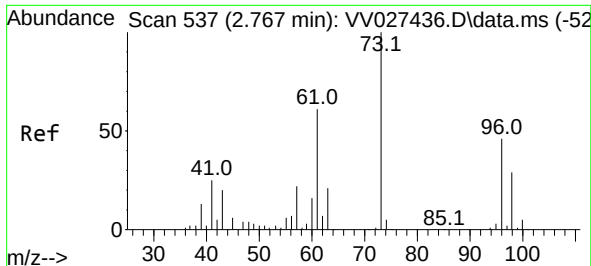
Tgt Ion: 43 Resp: 35703
Ion Ratio Lower Upper
43 100
74 23.7 16.3 24.5



#16
Methylene chloride
Concen: 7.754 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

Tgt Ion: 84 Resp: 134135
Ion Ratio Lower Upper
84 100
86 62.8 44.0 81.6
49 124.9 89.4 166.0

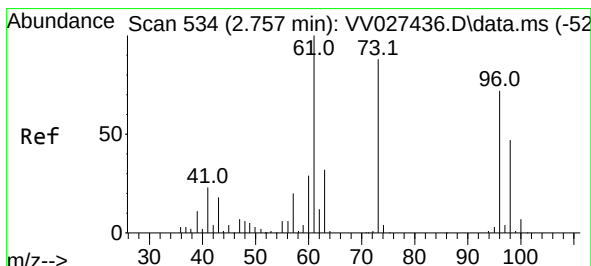
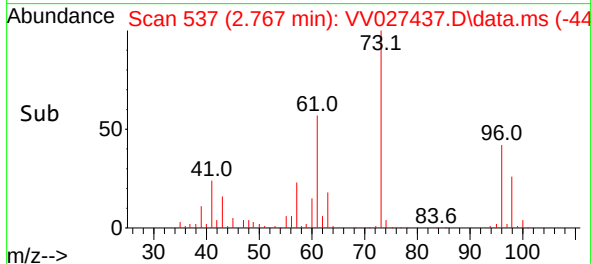
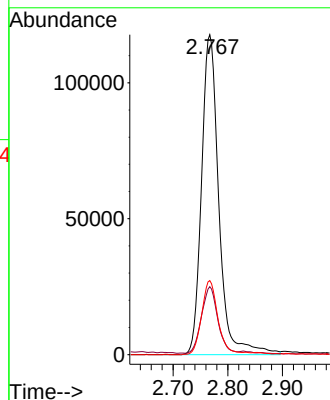
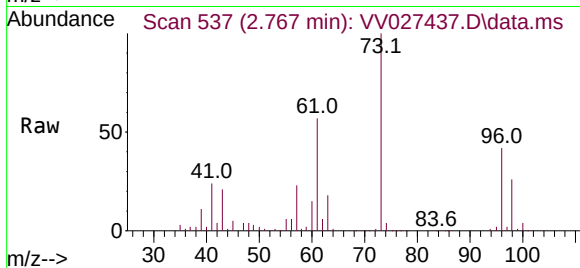




#17
Methyl tert-butyl Ether
Concen: 10.129 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

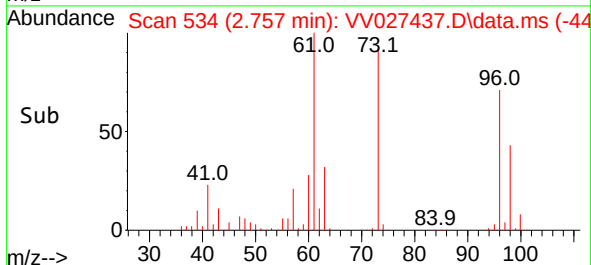
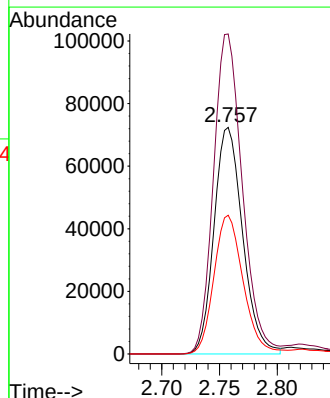
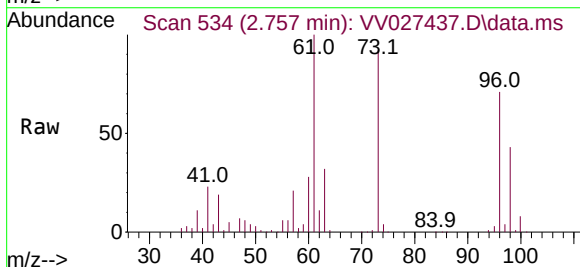
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

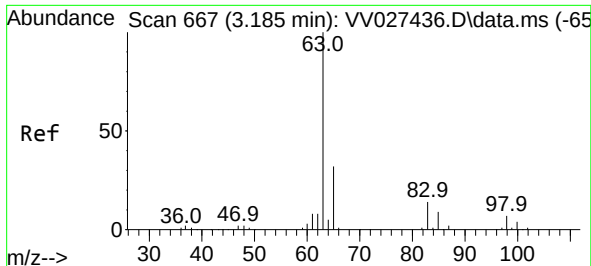
Tgt Ion: 73 Resp: 258829
Ion Ratio Lower Upper
73 100
43 19.3 15.6 23.4
57 21.7 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 9.395 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

Tgt Ion: 96 Resp: 125119
Ion Ratio Lower Upper
96 100
61 141.2 97.6 181.4
98 61.2 45.9 85.3





#19

1,1-Dichloroethane

Concen: 10.214 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV027437.D

Acq: 19 Aug 2022 11:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD010216

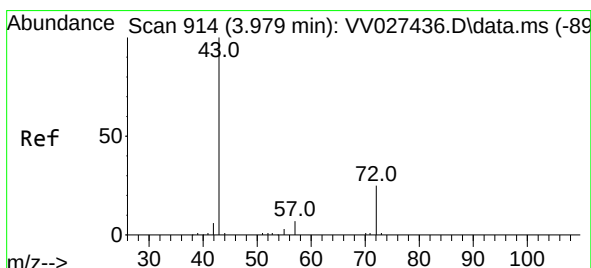
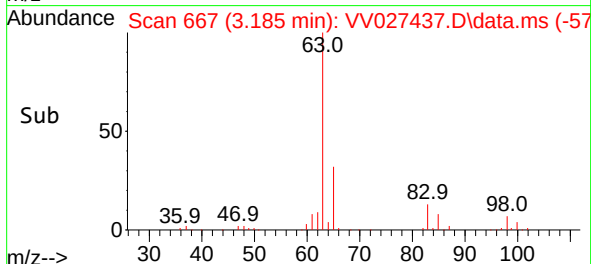
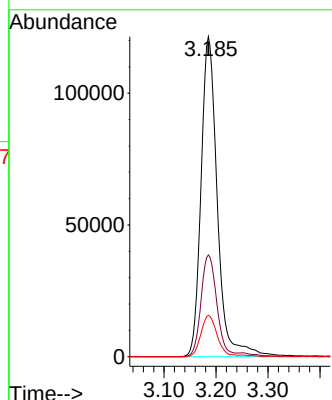
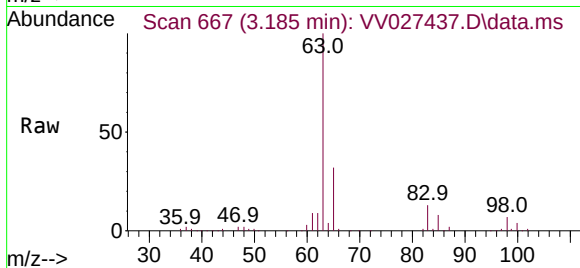
Tgt Ion: 63 Resp: 264766

Ion Ratio Lower Upper

63 100

65 31.8 22.1 41.1

83 12.9 9.6 17.8



#21

2-Butanone

Concen: 90.773 ug/L

RT: 3.970 min Scan# 911

Delta R.T. -0.010 min

Lab File: VV027437.D

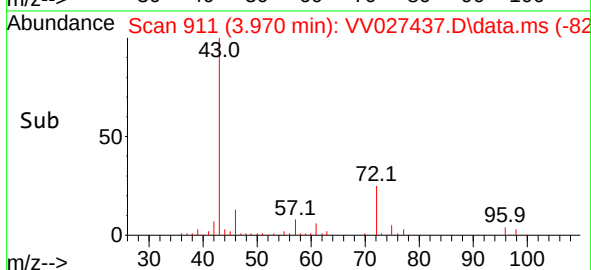
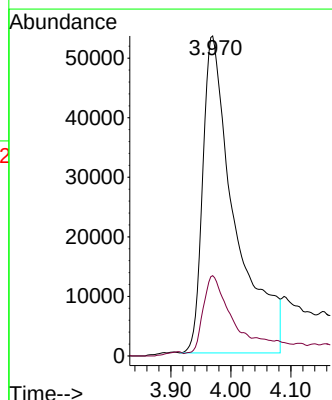
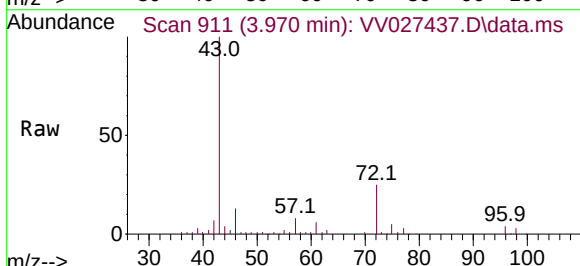
Acq: 19 Aug 2022 11:03

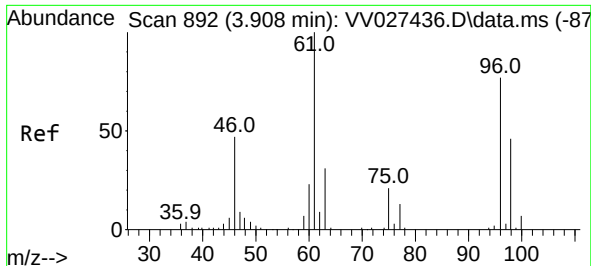
Tgt Ion: 43 Resp: 198057

Ion Ratio Lower Upper

43 100

72 20.5 12.0 36.1





#22

cis-1,2-Dichloroethene

Concen: 10.388 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV027437.D

Acq: 19 Aug 2022 11:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD010216

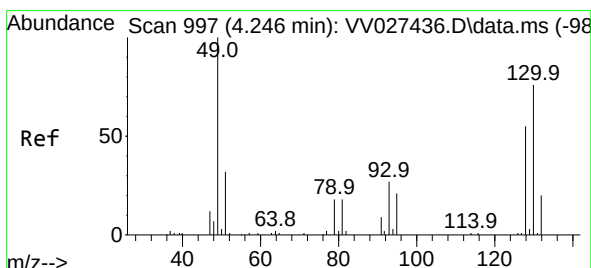
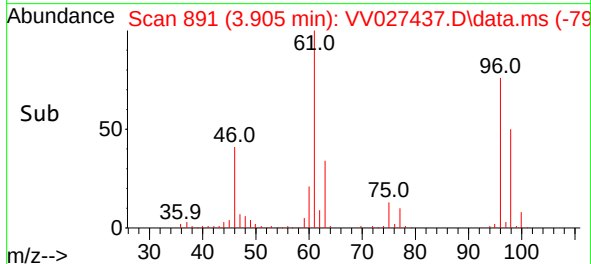
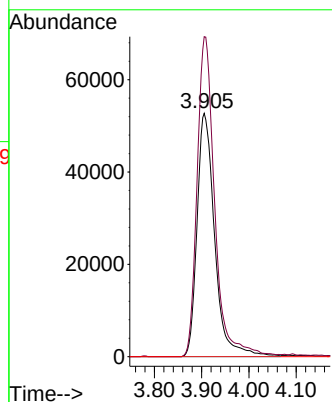
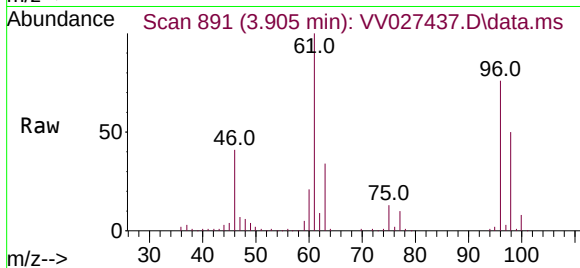
Tgt Ion: 96 Resp: 136821

Ion Ratio Lower Upper

96 100

61 131.4 90.6 168.2

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 9.727 ug/L

RT: 4.243 min Scan# 996

Delta R.T. -0.003 min

Lab File: VV027437.D

Acq: 19 Aug 2022 11:03

Tgt Ion: 128 Resp: 59405

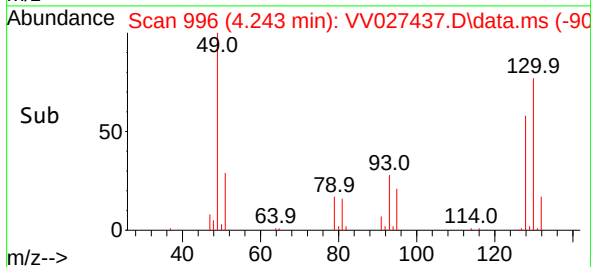
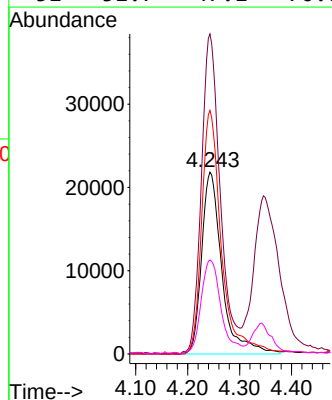
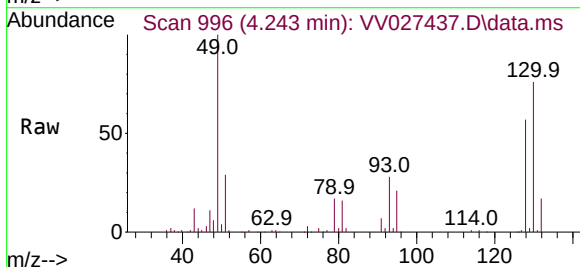
Ion Ratio Lower Upper

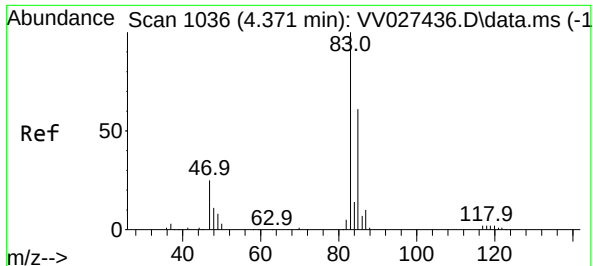
128 100

49 176.1 127.5 236.7

130 134.0 97.0 180.2

51 51.7 47.1 70.7





#25

Chloroform

Concen: 10.179 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV027437.D

Acq: 19 Aug 2022 11:03

Instrument :

MSVOA_V

ClientSampleId :

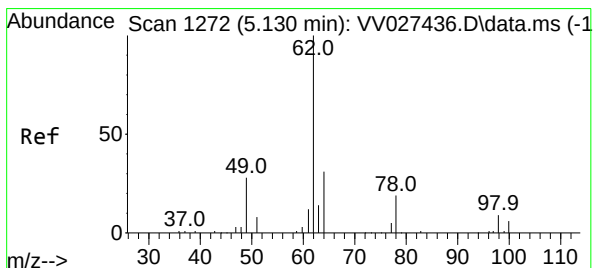
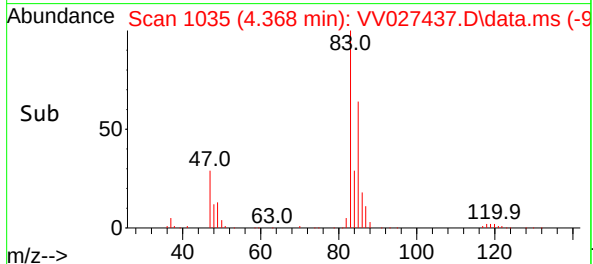
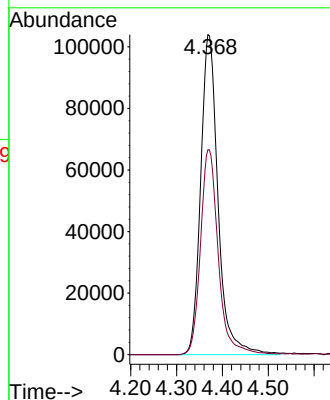
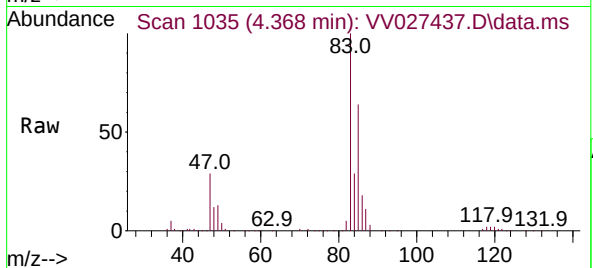
VSTD010216

Tgt Ion: 83 Resp: 273903

Ion Ratio Lower Upper

83 100

85 64.1 43.3 80.5



#27

1,2-Dichloroethane

Concen: 9.437 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV027437.D

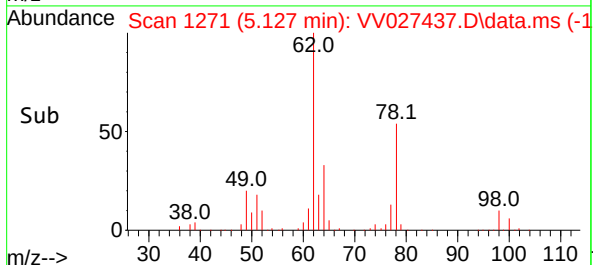
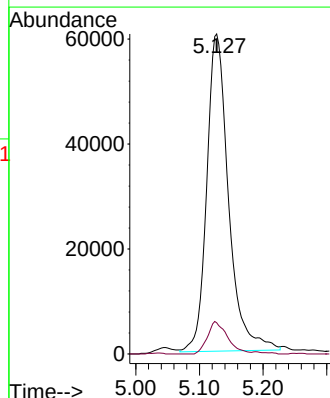
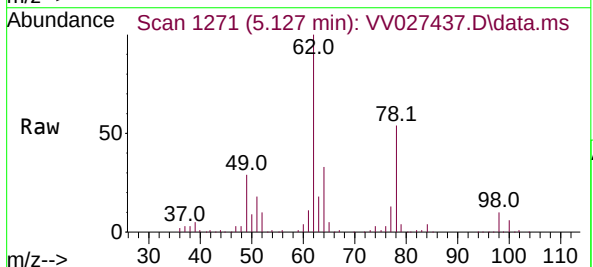
Acq: 19 Aug 2022 11:03

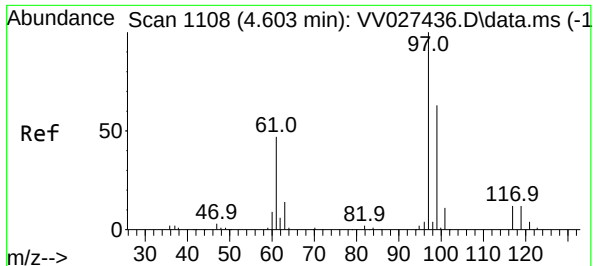
Tgt Ion: 62 Resp: 144077

Ion Ratio Lower Upper

62 100

98 9.7 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 10.928 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV027437.D

Acq: 19 Aug 2022 11:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD010216

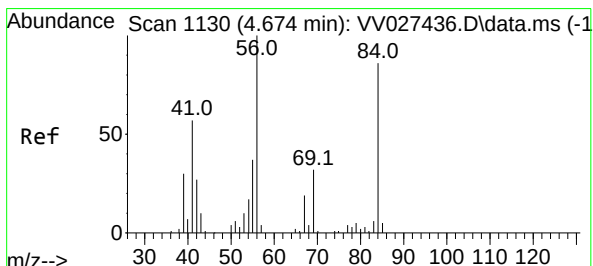
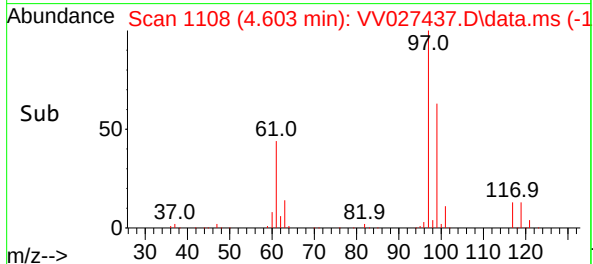
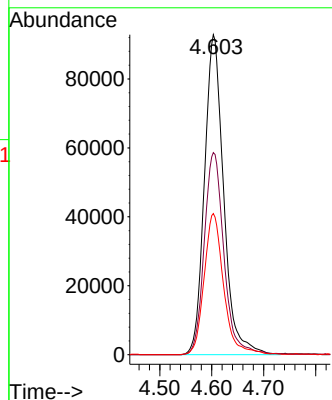
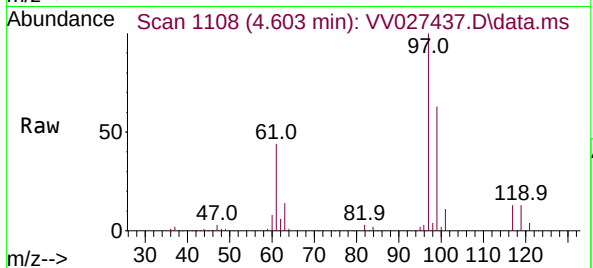
Tgt Ion: 97 Resp: 239100

Ion Ratio Lower Upper

97 100

99 64.6 51.1 76.7

61 44.7 35.9 53.9



#30

Cyclohexane

Concen: 11.561 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VV027437.D

Acq: 19 Aug 2022 11:03

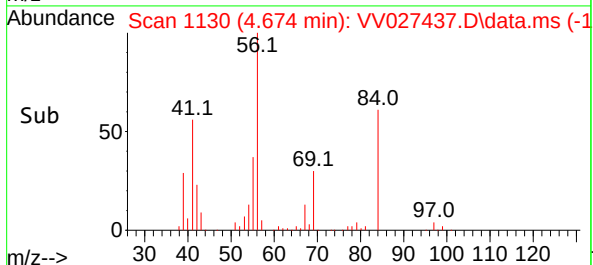
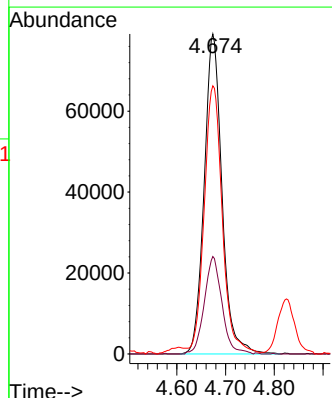
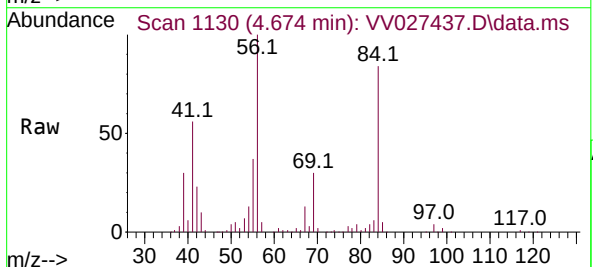
Tgt Ion: 56 Resp: 200608

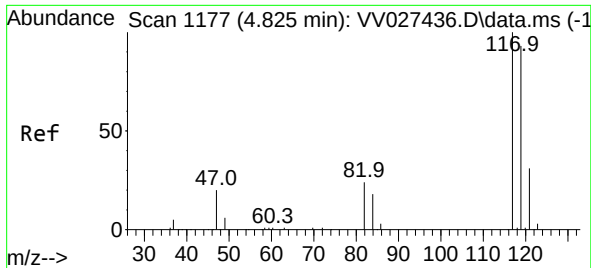
Ion Ratio Lower Upper

56 100

69 30.1 25.4 38.0

84 85.8 69.7 104.5

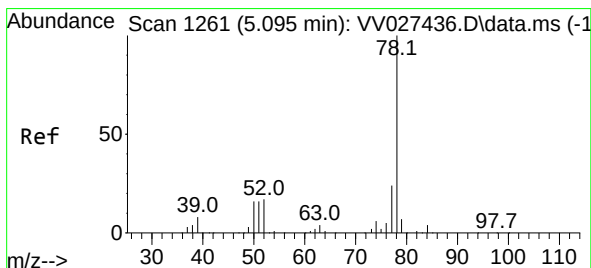
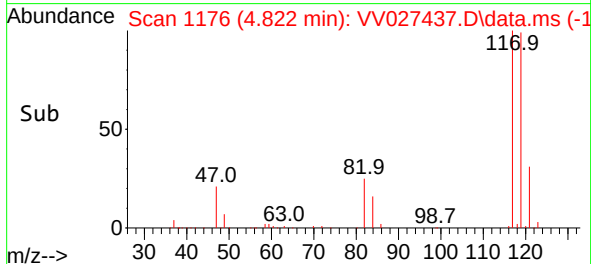
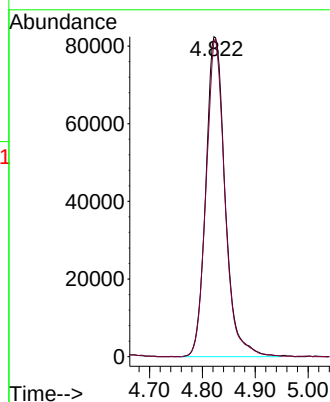
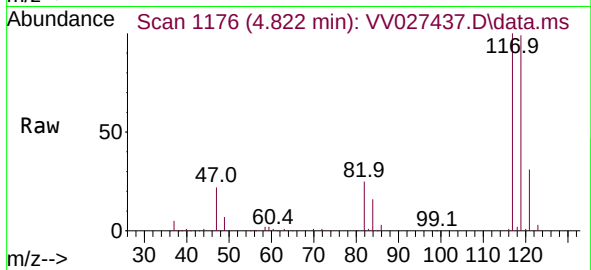




#31
Carbon tetrachloride
Concen: 11.021 ug/L
RT: 4.822 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

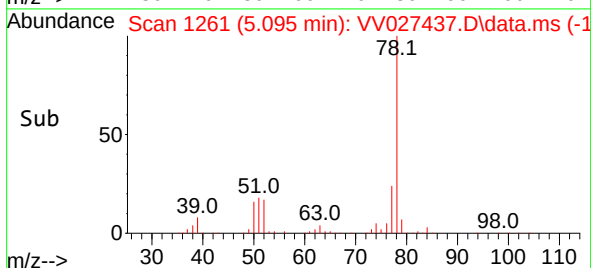
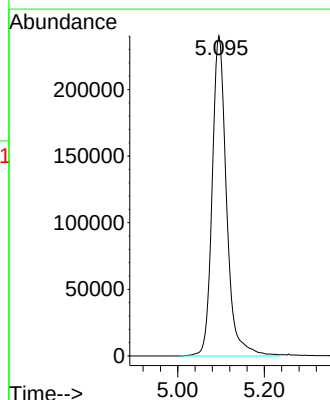
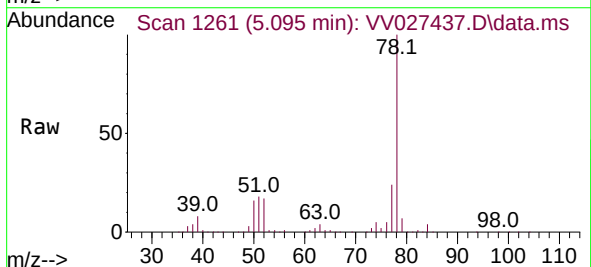
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

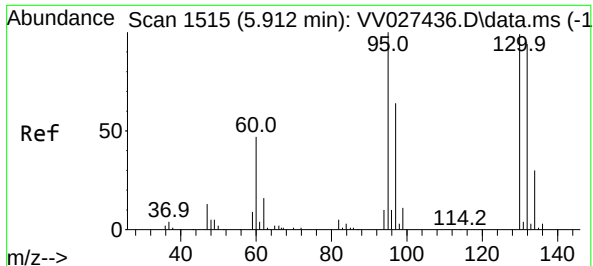
Tgt Ion:117 Resp: 209475
Ion Ratio Lower Upper
117 100
119 96.8 76.1 114.1



#33
Benzene
Concen: 10.637 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

Tgt Ion: 78 Resp: 553748

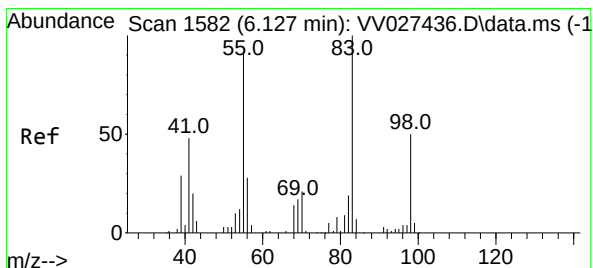
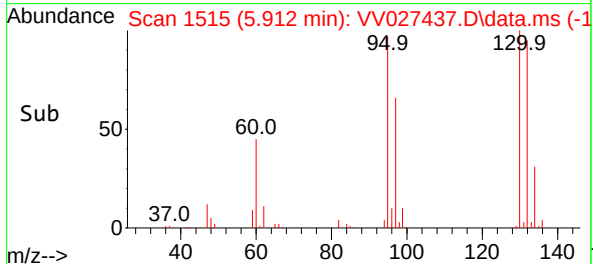
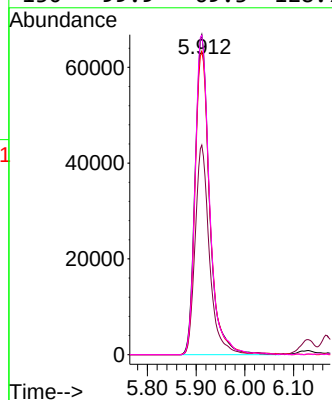
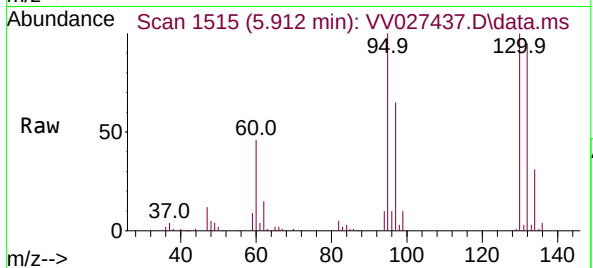




#34
Trichloroethene
Concen: 10.618 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

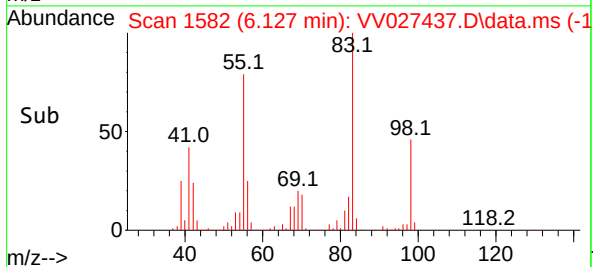
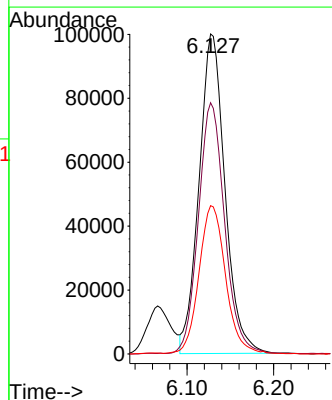
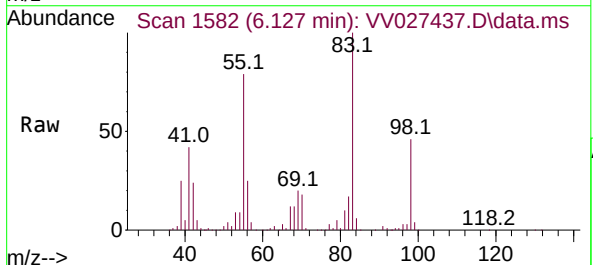
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

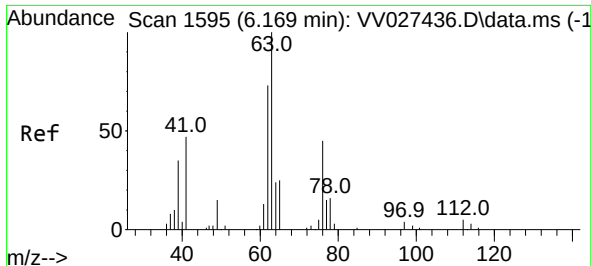
Tgt Ion: 95 Resp: 138376
Ion Ratio Lower Upper
95 100
97 65.5 45.0 83.6
132 94.8 65.7 121.9
130 99.9 69.3 128.7



#35
Methylcyclohexane
Concen: 11.718 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

Tgt Ion: 83 Resp: 207647
Ion Ratio Lower Upper
83 100
55 79.5 68.2 102.4
98 47.6 39.0 58.4





#37

1,2-Dichloropropane

Concen: 10.974 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV027437.D

Acq: 19 Aug 2022 11:03

Instrument :

MSVOA_V

ClientSampleId :

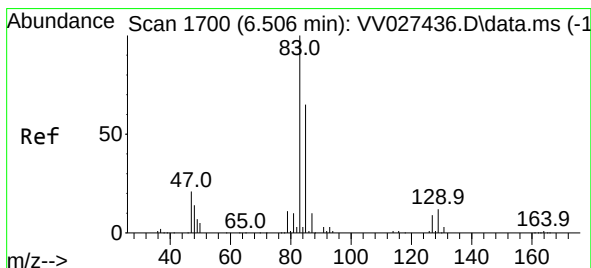
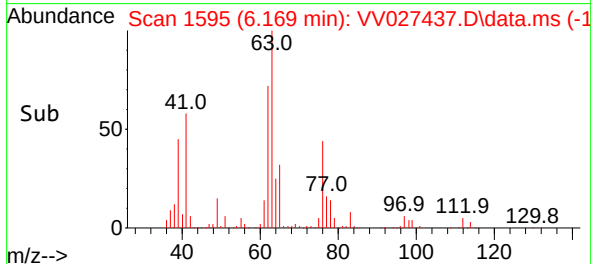
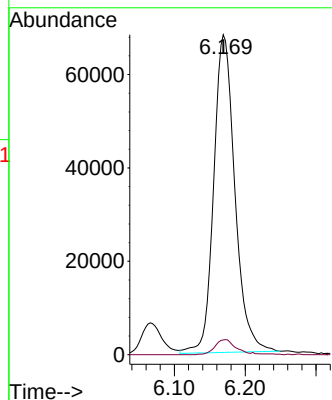
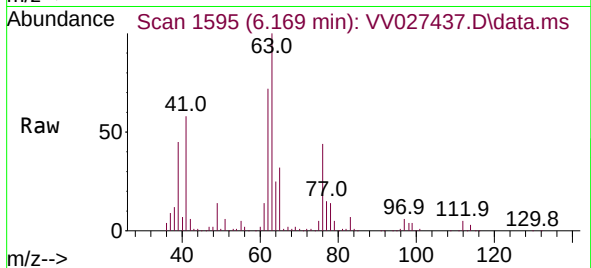
VSTD010216

Tgt Ion: 63 Resp: 141445

Ion Ratio Lower Upper

63 100

112 4.6 3.9 5.9



#38

Bromodichloromethane

Concen: 10.730 ug/L

RT: 6.507 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV027437.D

Acq: 19 Aug 2022 11:03

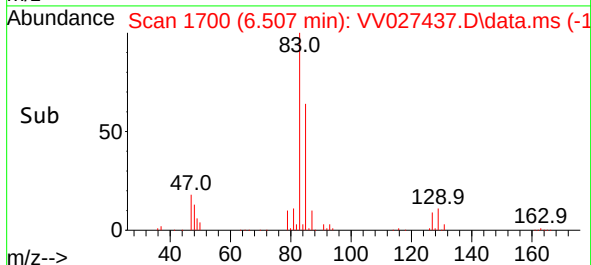
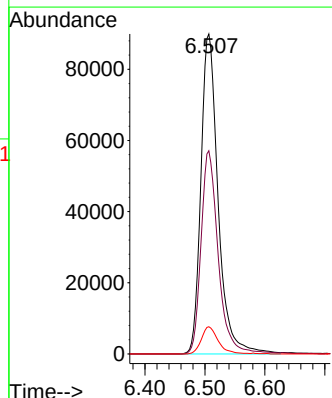
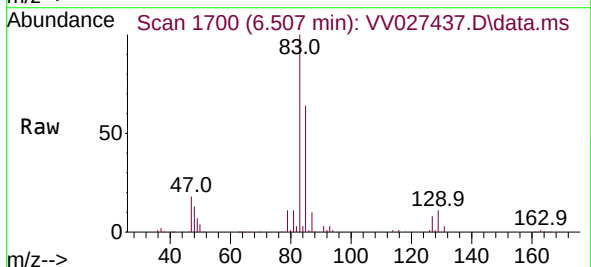
Tgt Ion: 83 Resp: 180009

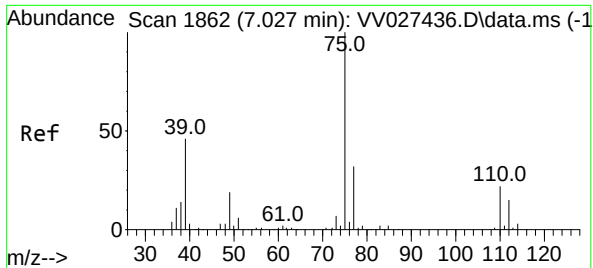
Ion Ratio Lower Upper

83 100

85 63.5 45.3 84.1

127 8.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 11.314 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV027437.D

Acq: 19 Aug 2022 11:03

Instrument :

MSVOA_V

ClientSampleId :

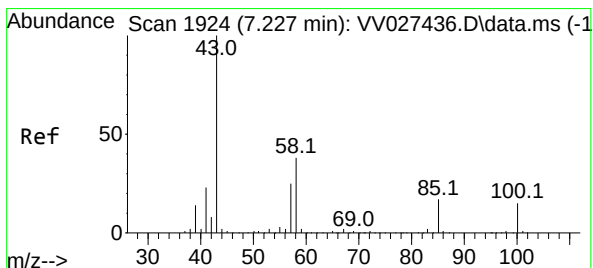
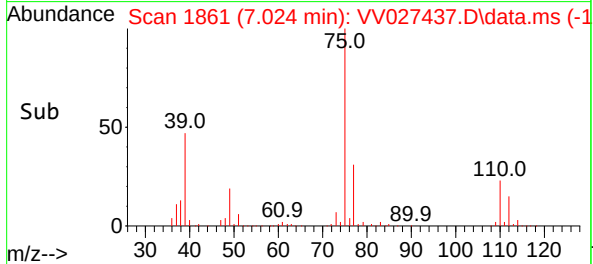
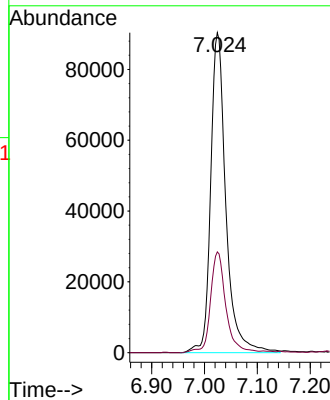
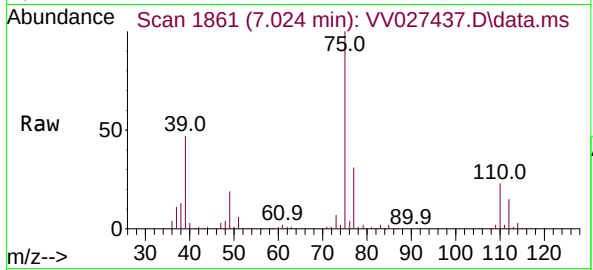
VSTD010216

Tgt Ion: 75 Resp: 180361

Ion Ratio Lower Upper

75 100

77 31.5 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 107.486 ug/L

RT: 7.224 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV027437.D

Acq: 19 Aug 2022 11:03

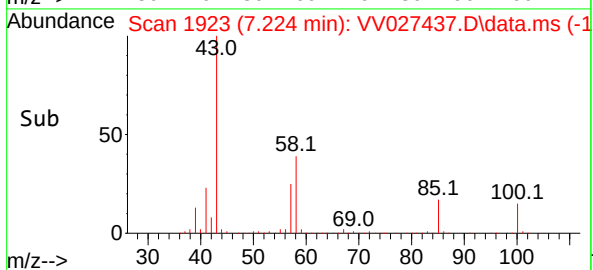
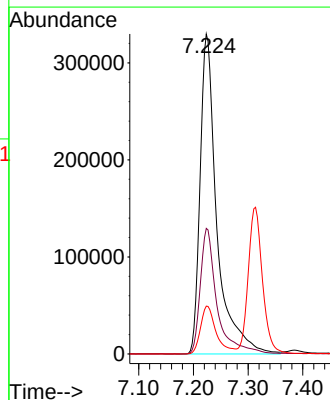
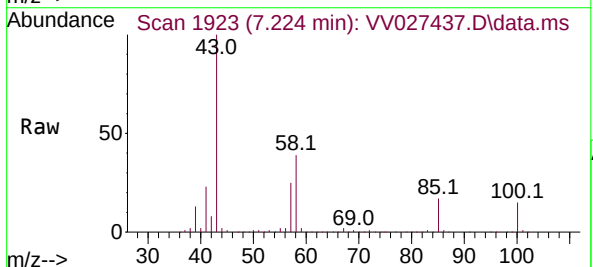
Tgt Ion: 43 Resp: 701763

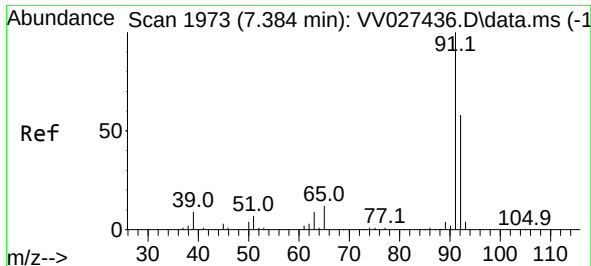
Ion Ratio Lower Upper

43 100

58 39.2 30.6 45.8

100 14.1 11.0 16.4





#42

Toluene

Concen: 11.379 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV027437.D

Acq: 19 Aug 2022 11:03

Instrument :

MSVOA_V

ClientSampleId :

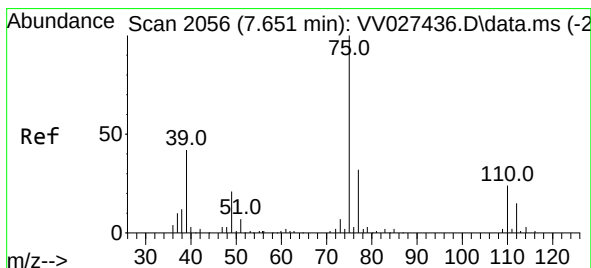
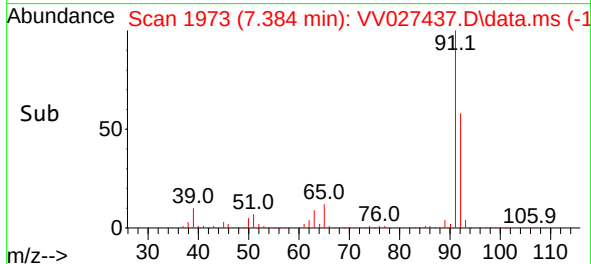
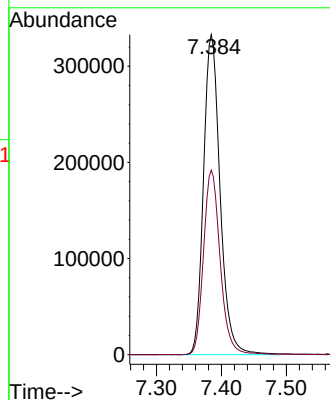
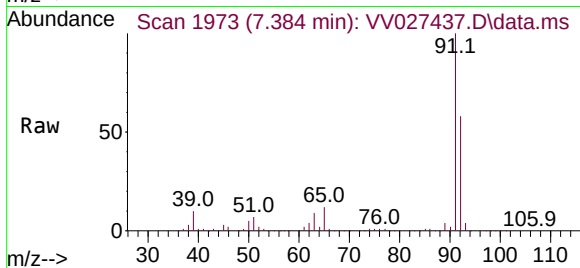
VSTD010216

Tgt Ion: 91 Resp: 592146

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 10.993 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV027437.D

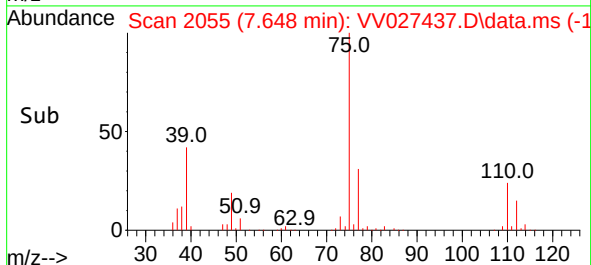
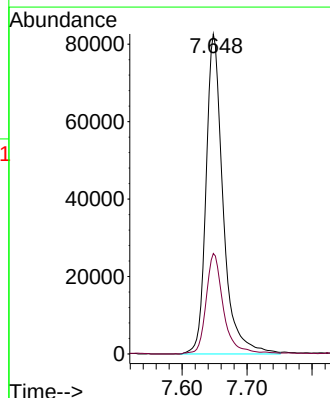
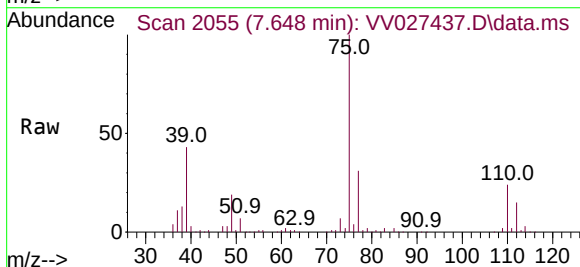
Acq: 19 Aug 2022 11:03

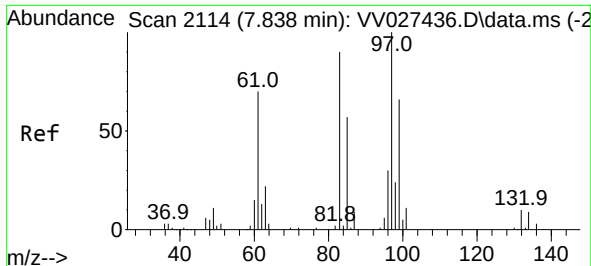
Tgt Ion: 75 Resp: 151008

Ion Ratio Lower Upper

75 100

77 31.4 22.3 41.5

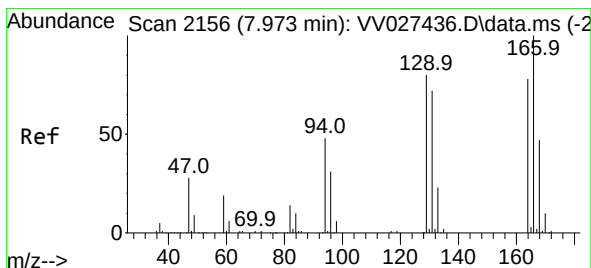
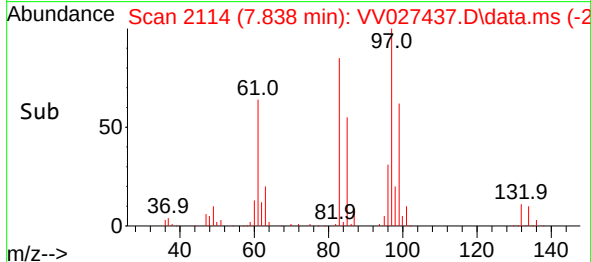
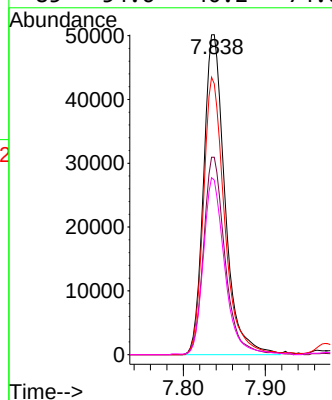
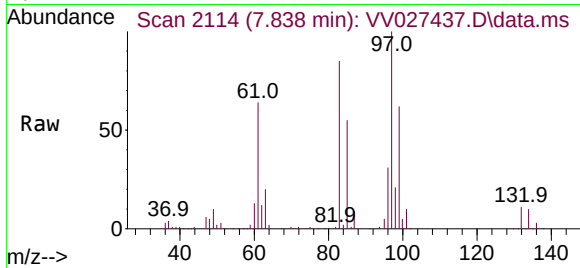




#45
1,1,2-Trichloroethane
Concen: 10.010 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

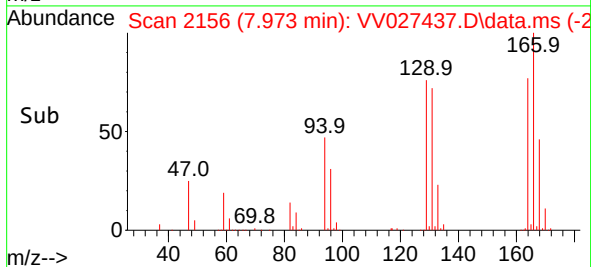
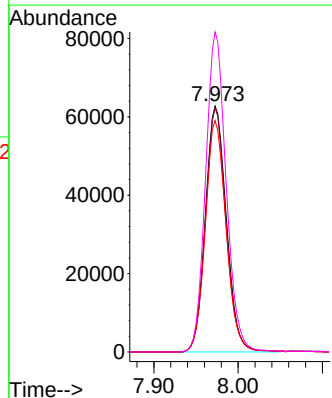
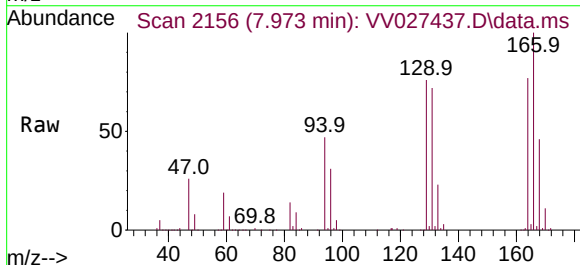
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

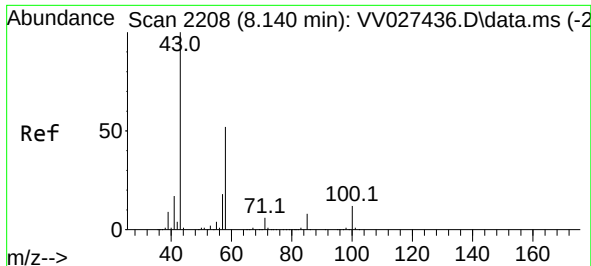
Tgt Ion:	97	Resp:	90747
Ion	Ratio	Lower	Upper
97	100		
99	61.7	46.1	85.7
83	84.7	63.0	117.0
85	54.6	40.2	74.6



#47
Tetrachloroethene
Concen: 10.655 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

Tgt Ion:	164	Resp:	109032
Ion	Ratio	Lower	Upper
164	100		
129	99.3	71.1	132.1
131	94.1	64.5	119.9
166	130.1	89.4	166.0

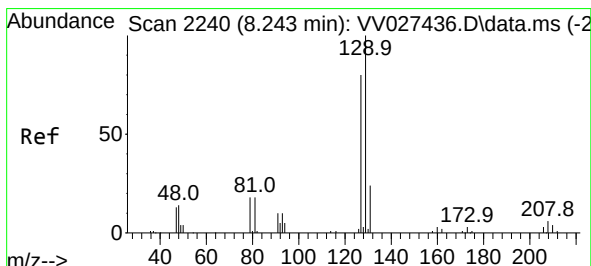
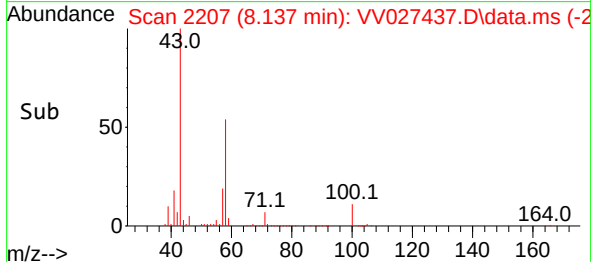
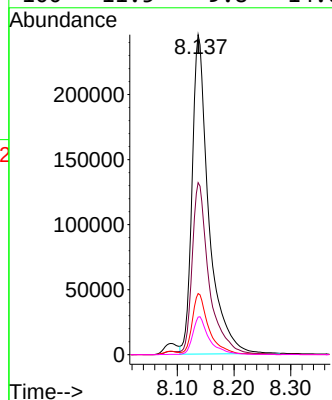
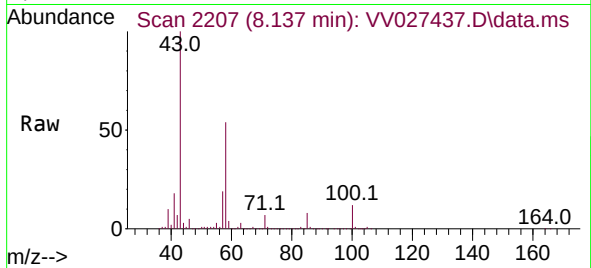




#48
2-Hexanone
Concen: 106.739 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

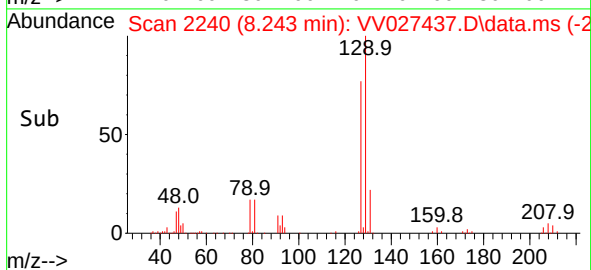
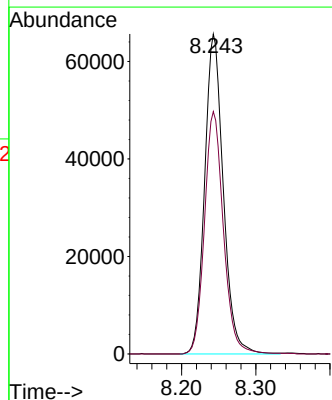
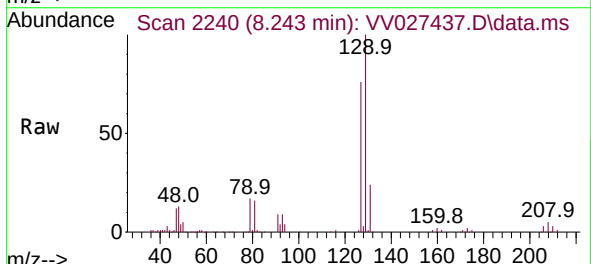
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

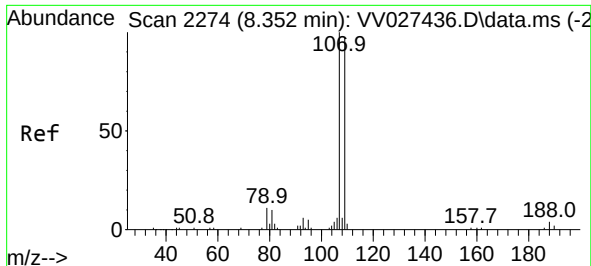
Tgt Ion: 43 Resp: 500741
Ion Ratio Lower Upper
43 100
58 54.3 41.3 61.9
57 18.9 14.9 22.3
100 11.5 9.8 14.6



#49
Dibromochloromethane
Concen: 10.618 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

Tgt Ion: 129 Resp: 114246
Ion Ratio Lower Upper
129 100
127 75.7 55.9 103.7

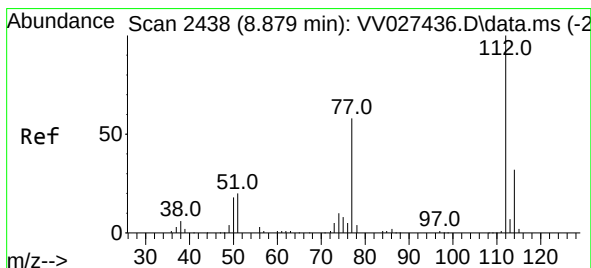
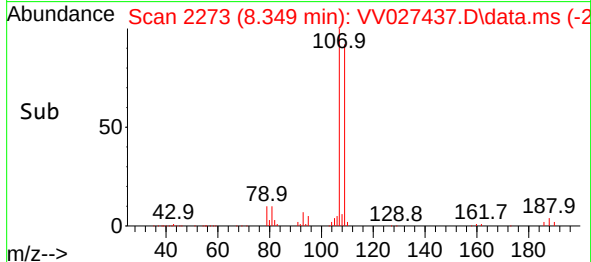
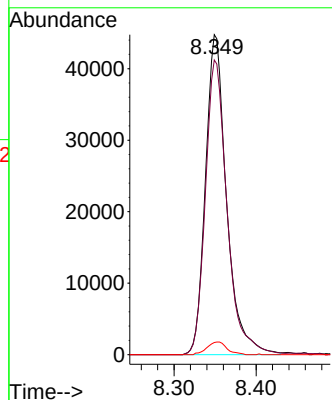
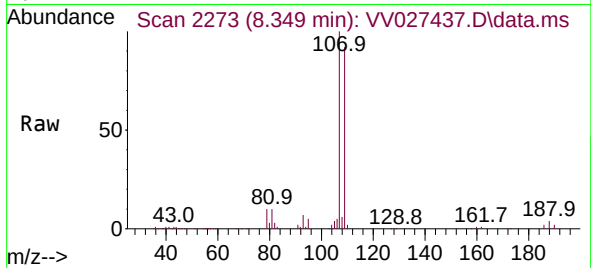




#50
1,2-Dibromoethane
Concen: 9.973 ug/L
RT: 8.349 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

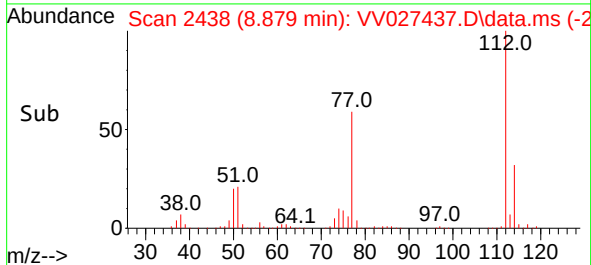
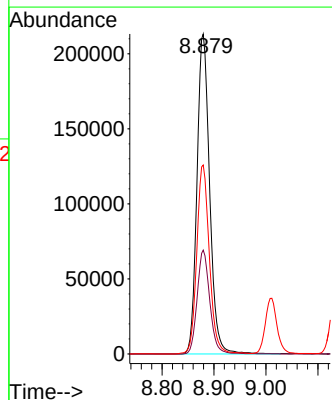
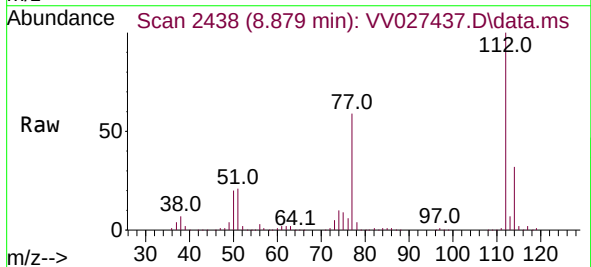
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

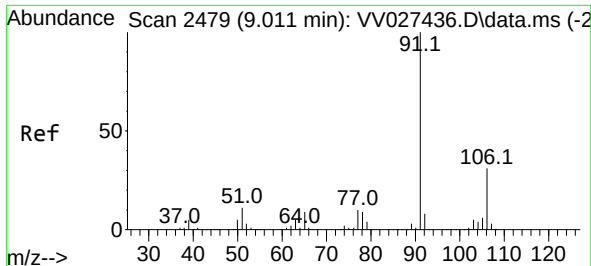
Tgt Ion:107 Resp: 80231
Ion Ratio Lower Upper
107 100
109 92.1 67.8 125.8
188 3.8 3.5 5.3



#51
Chlorobenzene
Concen: 10.637 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

Tgt Ion:112 Resp: 360844
Ion Ratio Lower Upper
112 100
114 32.5 22.7 42.1
77 59.0 46.2 69.4

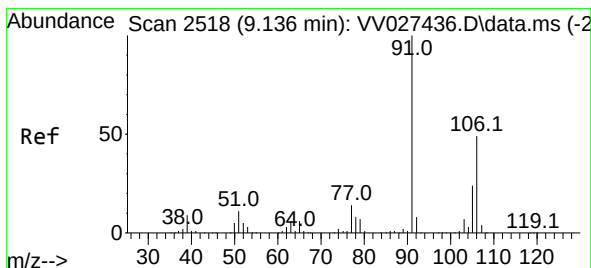
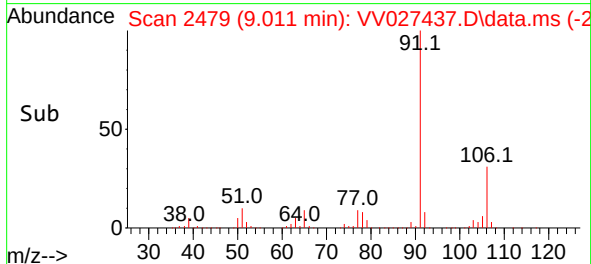
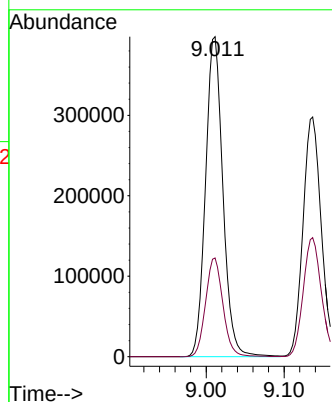
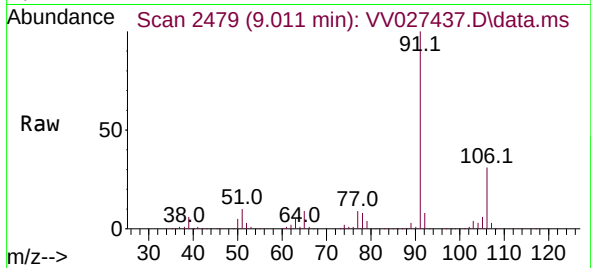




#52
Ethylbenzene
Concen: 11.820 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

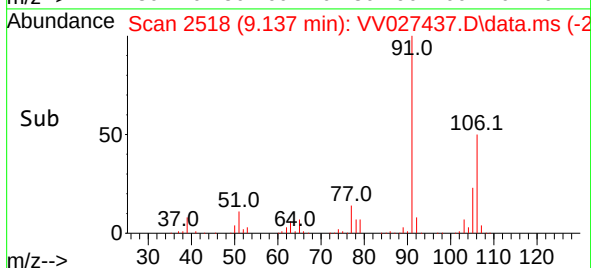
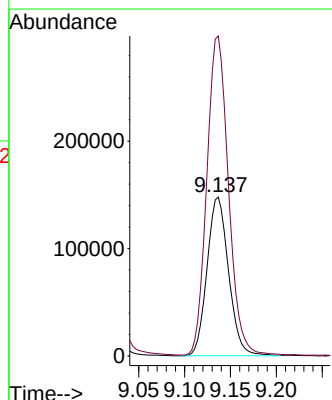
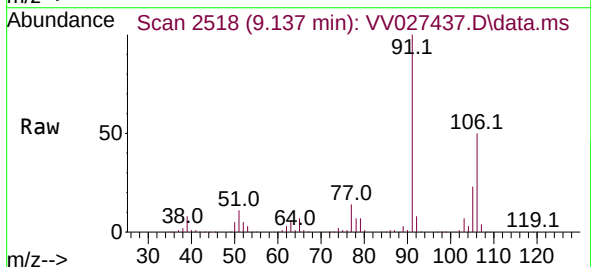
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

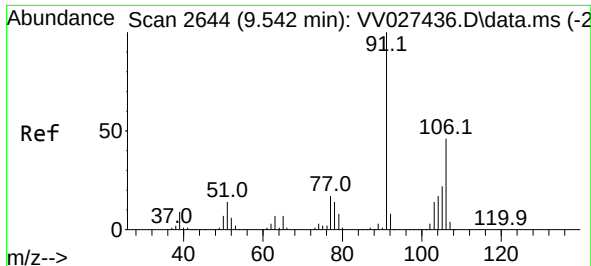
Tgt Ion: 91 Resp: 615689
Ion Ratio Lower Upper
91 100
106 30.9 21.4 39.8



#53
m,p-Xylene
Concen: 12.132 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

Tgt Ion: 106 Resp: 241416
Ion Ratio Lower Upper
106 100
91 201.4 143.8 267.0

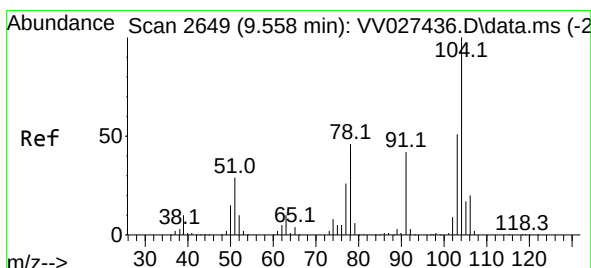
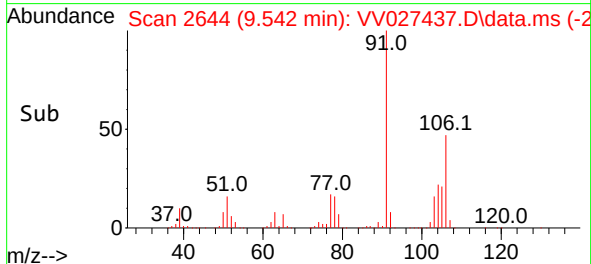
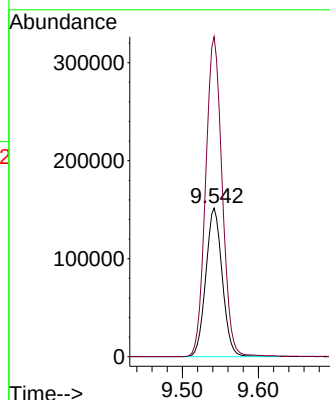
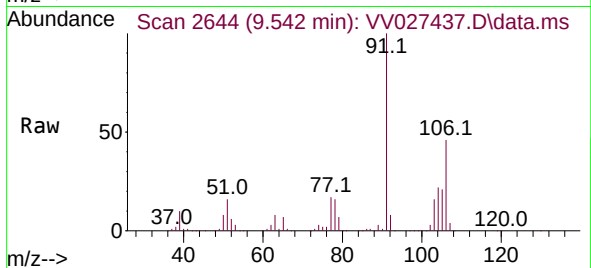




#54
o-Xylene
Concen: 11.696 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

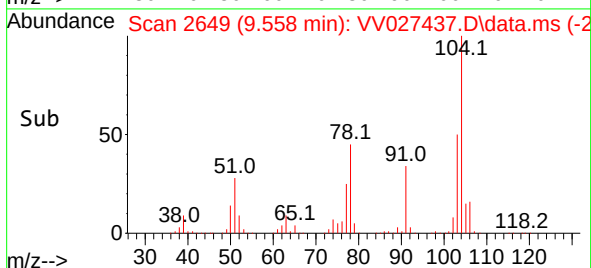
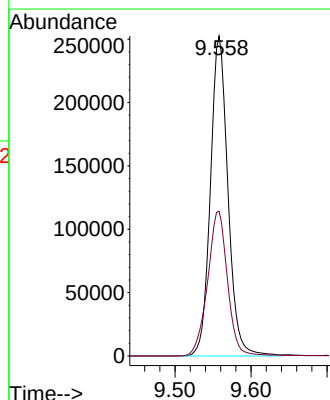
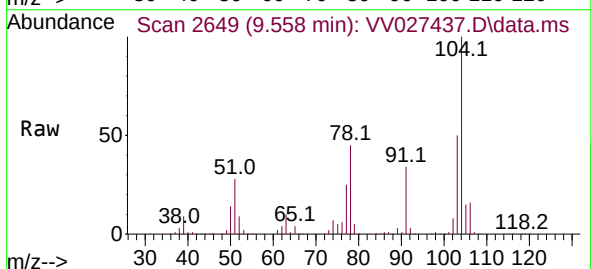
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

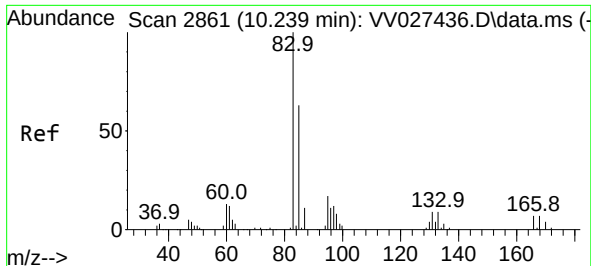
Tgt Ion:106 Resp: 228230
Ion Ratio Lower Upper
106 100
91 215.2 151.6 281.6



#55
Styrene
Concen: 12.134 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

Tgt Ion:104 Resp: 404533
Ion Ratio Lower Upper
104 100
78 45.2 32.0 59.4

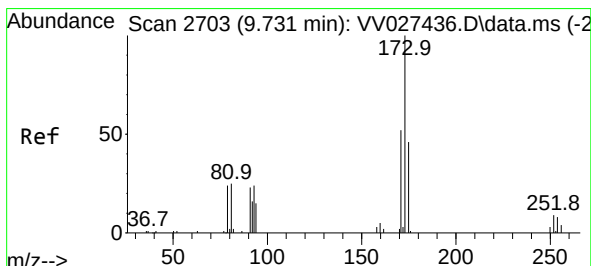
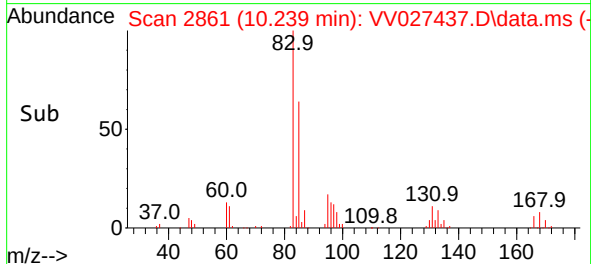
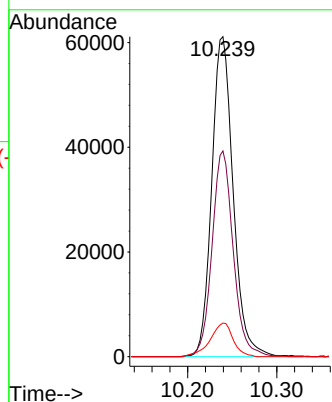
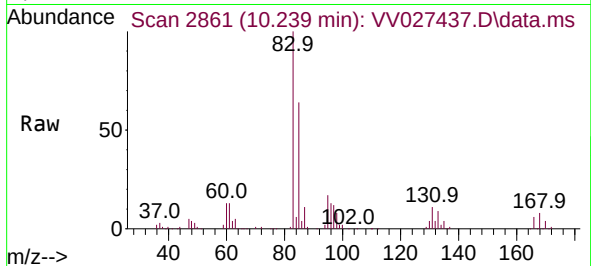




#57
1,1,2,2-Tetrachloroethane
Concen: 10.046 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

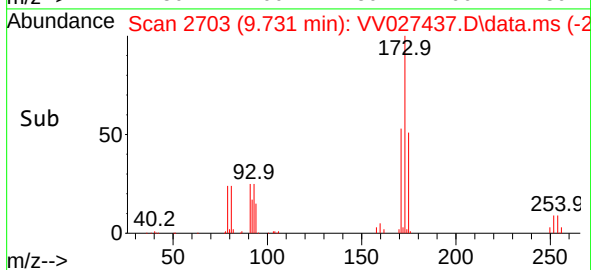
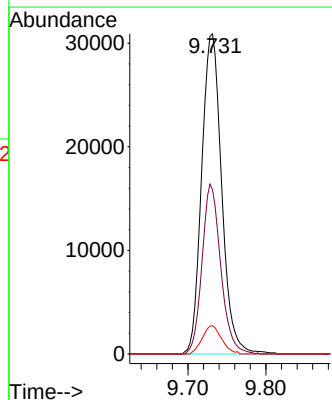
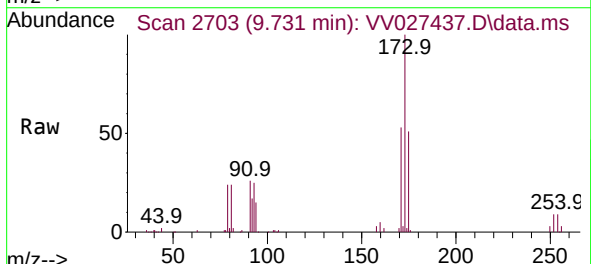
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

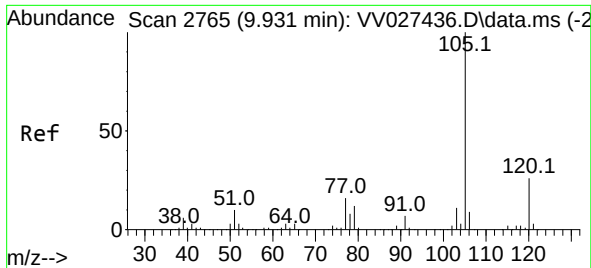
Tgt Ion: 83 Resp: 101860
Ion Ratio Lower Upper
83 100
85 64.3 44.1 81.9
131 10.5 7.3 10.9



#59
Bromoform
Concen: 9.598 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

Tgt Ion: 173 Resp: 55060
Ion Ratio Lower Upper
173 100
175 49.5 39.0 58.6
254 8.5 7.1 10.7

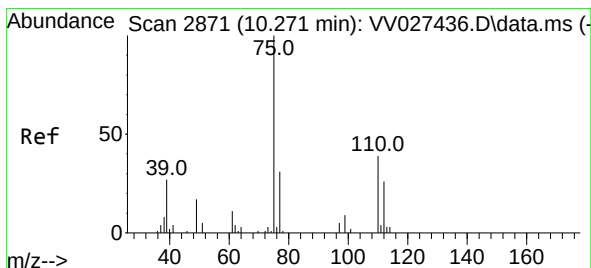
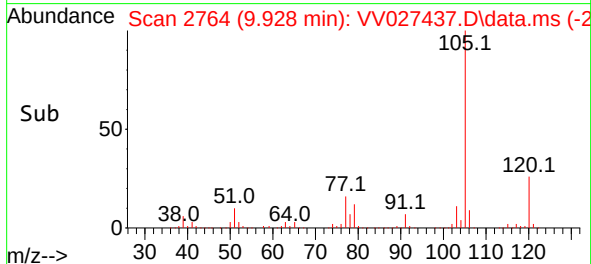
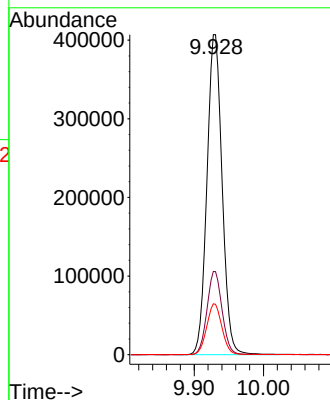
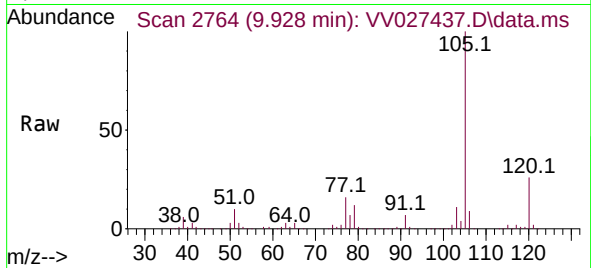




#60
Isopropylbenzene
Concen: 11.424 ug/L
RT: 9.928 min Scan# 2764
Delta R.T. -0.003 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

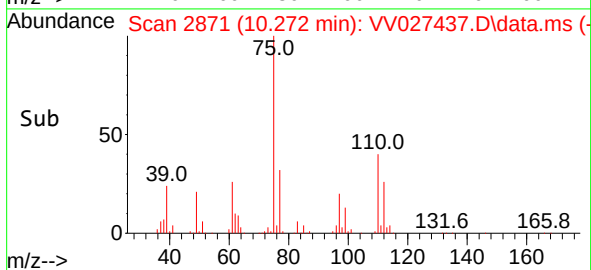
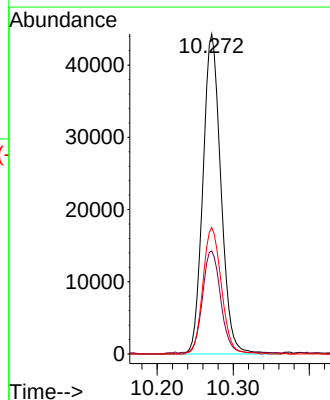
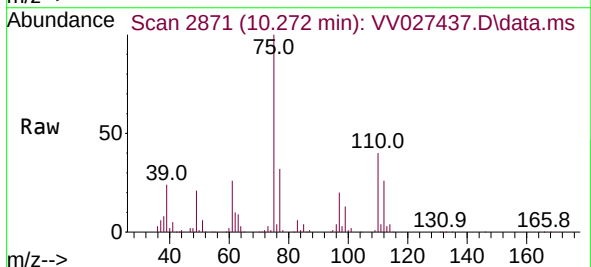
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

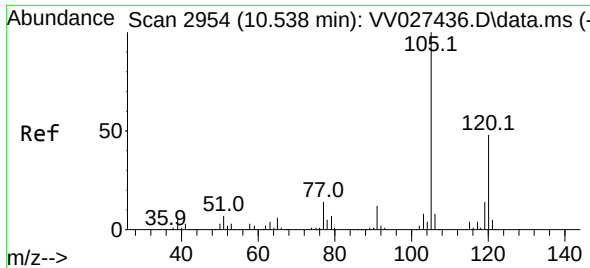
Tgt Ion:105 Resp: 616967
Ion Ratio Lower Upper
105 100
120 25.9 20.9 31.3
77 15.9 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 8.910 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

Tgt Ion: 75 Resp: 72563
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
110 40.5 29.9 44.9

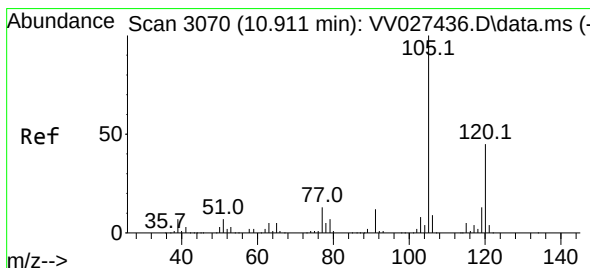
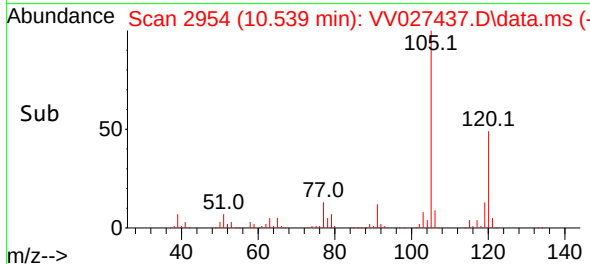
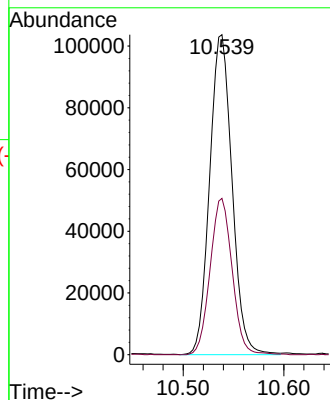
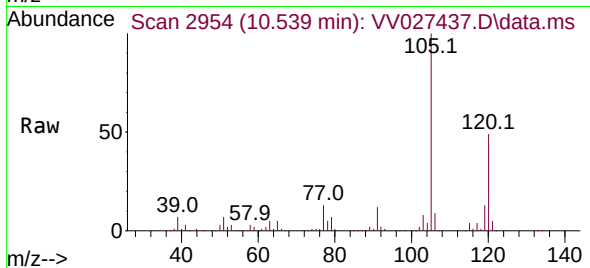




#62
 1,3,5-Trimethylbenzene
 Concen: 10.768 ug/L
 RT: 10.539 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV027437.D
 Acq: 19 Aug 2022 11:03

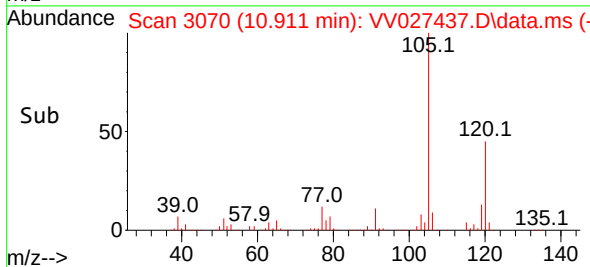
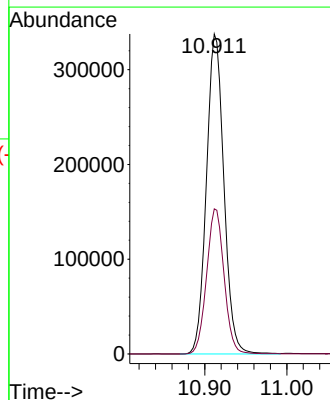
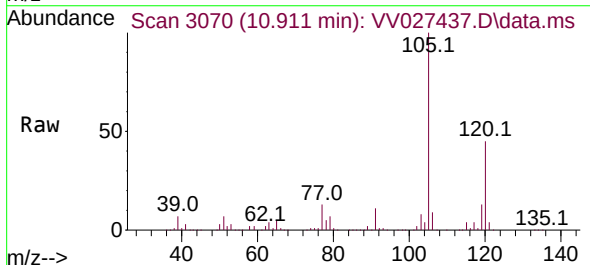
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010216

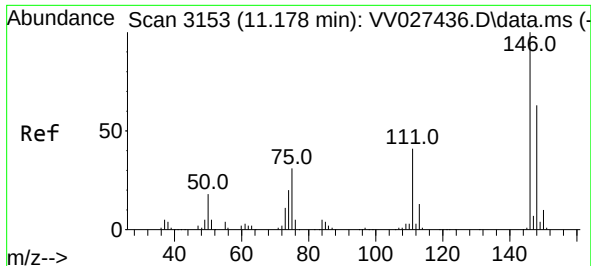
Tgt Ion:105 Resp: 160519
 Ion Ratio Lower Upper
 105 100
 120 48.0 38.7 58.1



#63
 1,2,4-Trimethylbenzene
 Concen: 11.702 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV027437.D
 Acq: 19 Aug 2022 11:03

Tgt Ion:105 Resp: 498652
 Ion Ratio Lower Upper
 105 100
 120 45.4 35.8 53.6

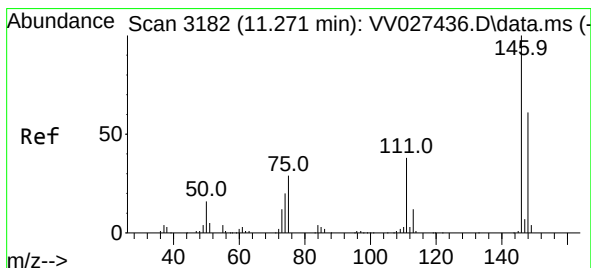
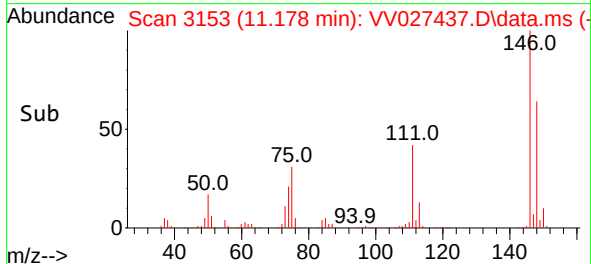
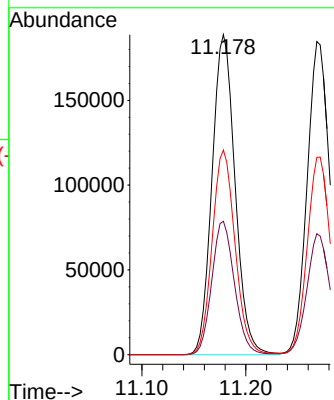
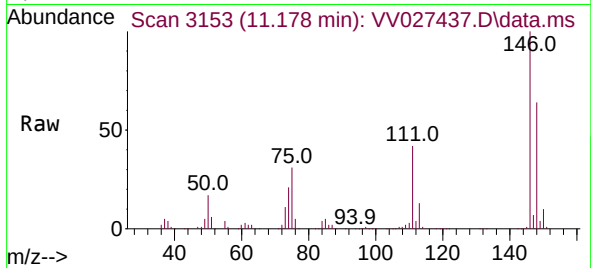




#64
1,3-Dichlorobenzene
Concen: 10.719 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

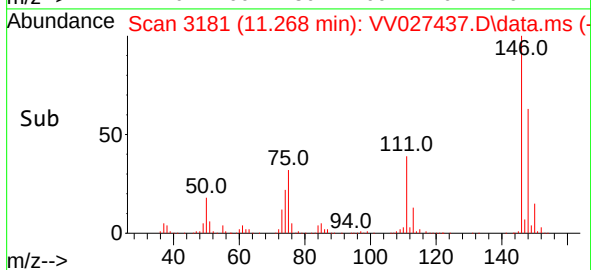
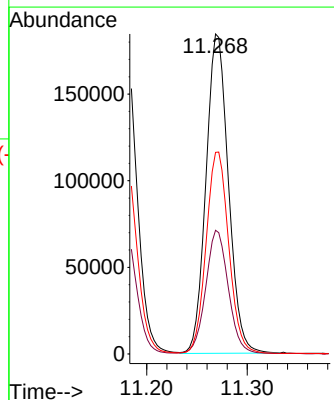
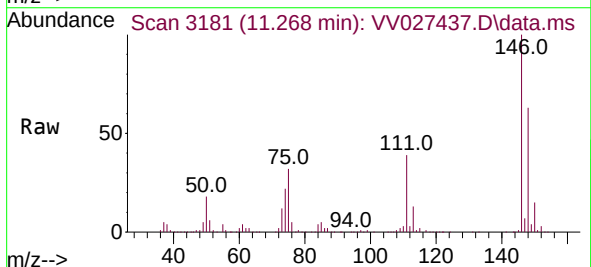
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

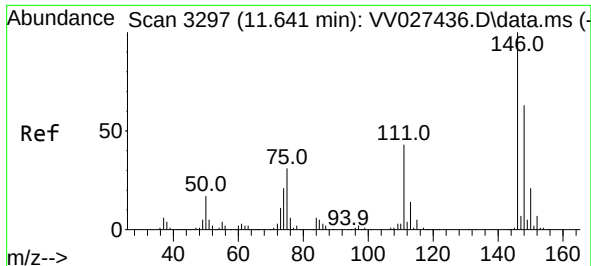
Tgt Ion:146 Resp: 290654
Ion Ratio Lower Upper
146 100
111 41.7 28.8 53.4
148 63.9 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 10.566 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

Tgt Ion:146 Resp: 285467
Ion Ratio Lower Upper
146 100
111 38.7 26.6 49.4
148 63.0 42.6 79.0





#67

1,2-Dichlorobenzene

Concen: 10.469 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV027437.D

Acq: 19 Aug 2022 11:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD010216

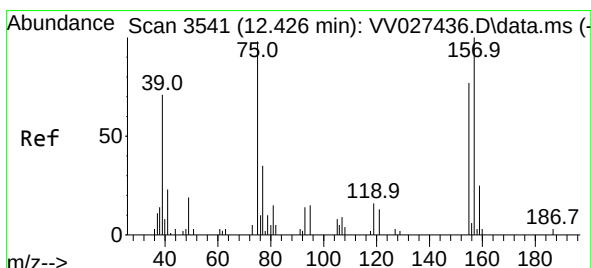
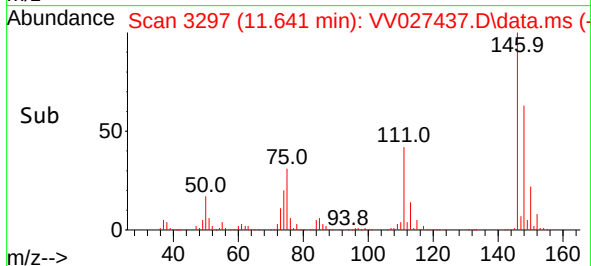
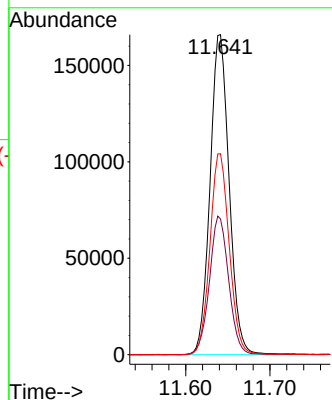
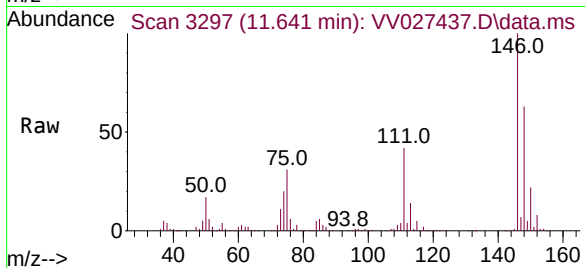
Tgt Ion:146 Resp: 261040

Ion Ratio Lower Upper

146 100

111 42.4 34.5 51.7

148 62.8 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 9.280 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV027437.D

Acq: 19 Aug 2022 11:03

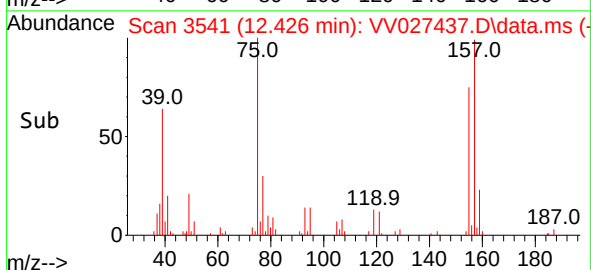
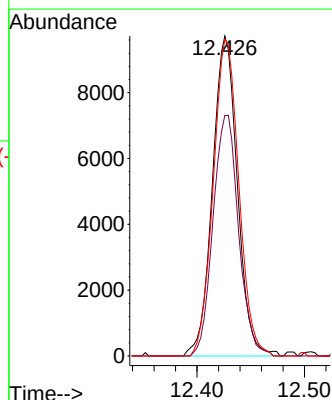
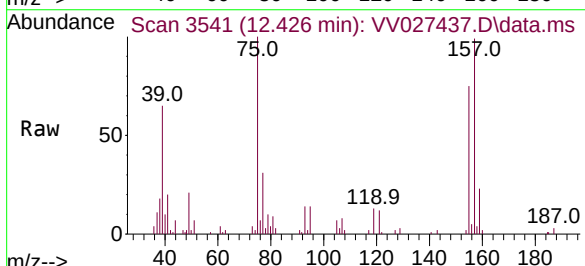
Tgt Ion: 75 Resp: 15638

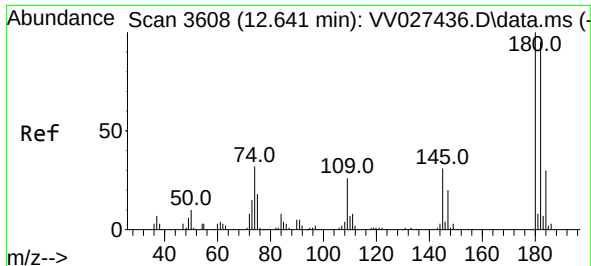
Ion Ratio Lower Upper

75 100

155 75.1 63.1 94.7

157 98.9 81.8 122.8

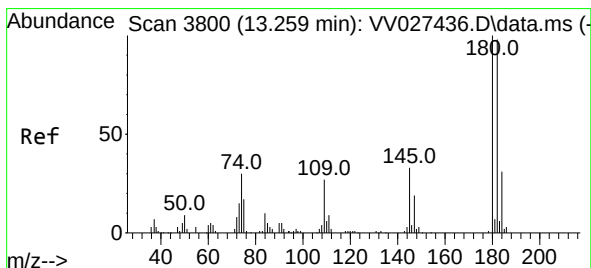
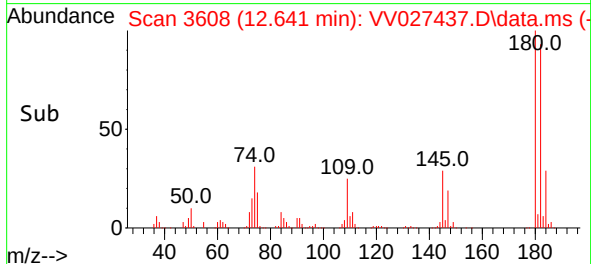
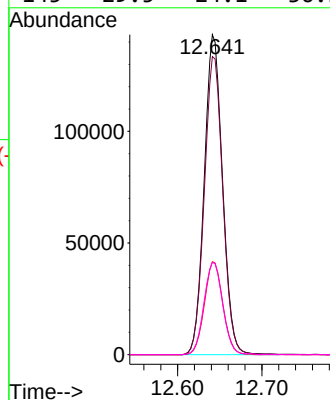
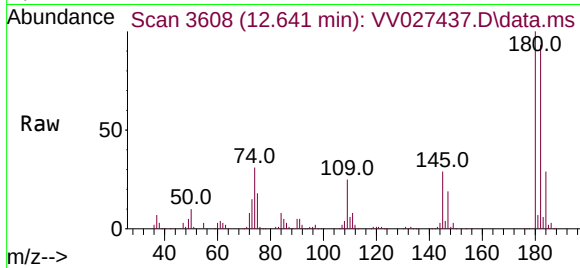




#69
1,3,5-Trichlorobenzene
Concen: 11.070 ug/L
RT: 12.641 min Scan# 3608
Delta R.T. 0.000 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

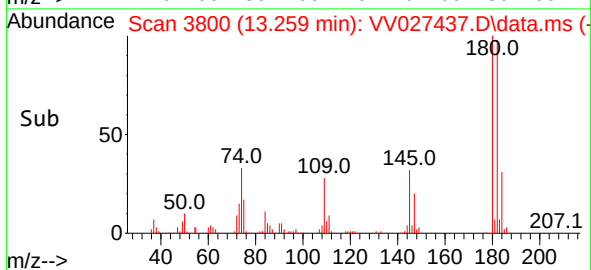
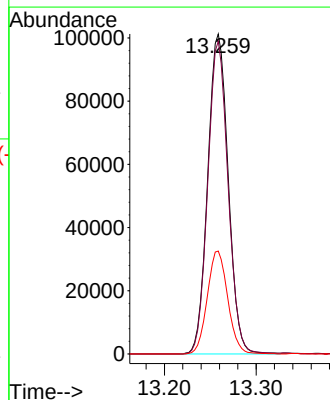
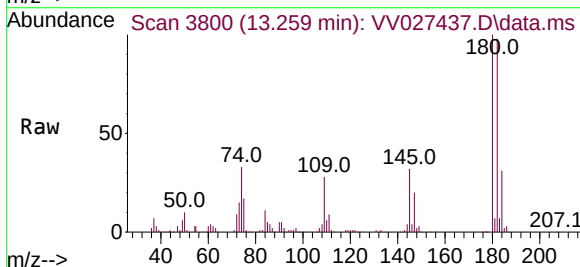
Instrument :
MSVOA_V
ClientSampleId :
VSTD010216

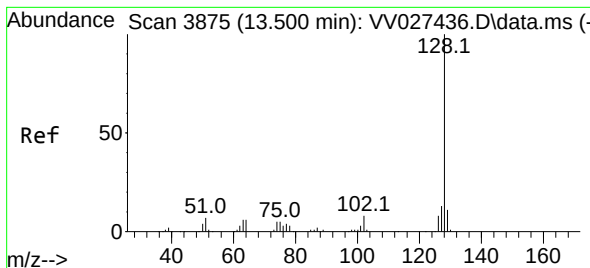
Tgt Ion:180 Resp: 216661
Ion Ratio Lower Upper
180 100
182 94.2 74.1 111.1
184 29.3 23.2 34.8
145 29.5 24.1 36.1



#70
1,2,4-trichlorobenzene
Concen: 10.791 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV027437.D
Acq: 19 Aug 2022 11:03

Tgt Ion:180 Resp: 157371
Ion Ratio Lower Upper
180 100
182 96.3 76.0 114.0
145 32.1 24.9 37.3





#71

Naphthalene

Concen: 9.913 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027437.D

Acq: 19 Aug 2022 11:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD010216

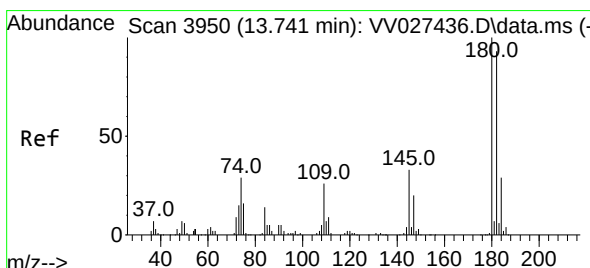
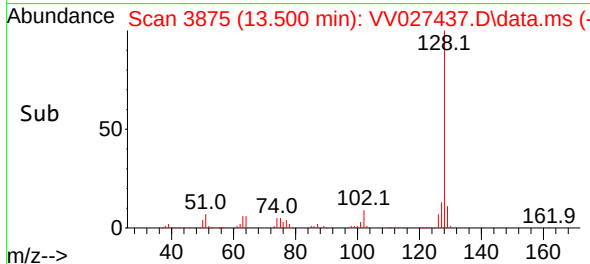
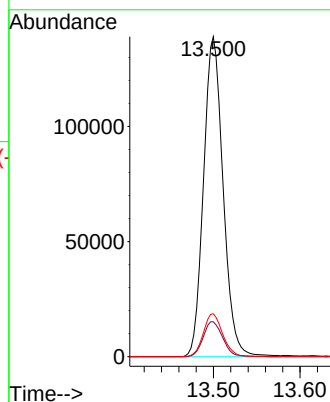
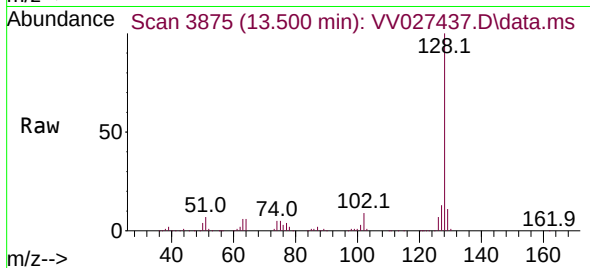
Tgt Ion:128 Resp: 218336

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.3 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 10.887 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027437.D

Acq: 19 Aug 2022 11:03

Tgt Ion:180 Resp: 146233

Ion Ratio Lower Upper

180 100

182 94.1 75.3 112.9

145 33.3 26.6 39.8

