

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091922\
 Data File : VW027935.D
 Acq On : 19 Sep 2022 18:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005296

Quant Time: Sep 20 01:51:14 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	5.613	114	129429	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	134535	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	75597	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	51220	5.068	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 101.400%	
7) Chloroethane-d5	1.564	69	45649	5.135	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 102.600%	
11) 1,1-Dichloroethene-d2	2.105	63	84245	5.042	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 100.800%	
20) 2-Butanone-d5	3.886	46	92403	57.222	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 114.440%	
24) Chloroform-d	4.346	84	89656	5.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 106.000%	
26) 1,2-Dichloroethane-d4	5.027	65	38797	5.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 110.800%	
32) Benzene-d6	5.047	84	171509	5.376	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.600%	
36) 1,2-Dichloropropane-d6	6.066	67	54361	5.190	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 103.800%	
41) Toluene-d8	7.313	98	155552	5.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 108.600%	
43) trans-1,3-Dichloroprop...	7.619	79	18427	5.312	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 106.200%	
46) 2-Hexanone-d5	8.085	63	89720	58.577	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 117.160%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44508	5.195	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 104.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	59422	5.050	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 101.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	48520	5.104	ug/L	99
3) Chloromethane	1.236	50	47466	4.245	ug/L	98
5) Vinyl chloride	1.307	62	54244	4.893	ug/L	100
6) Bromomethane	1.516	94	35651	4.657	ug/L	93
8) Chloroethane	1.581	64	36357	4.850	ug/L	100
9) Trichlorofluoromethane	1.748	101	80433	4.801	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	50194	4.785	ug/L	99
12) 1,1-Dichloroethene	2.114	96	44889	4.785	ug/L	91
13) Acetone	2.175	43	54690	42.640	ug/L	99
14) Carbon disulfide	2.288	76	90372	4.864	ug/L	99
15) Methyl Acetate	2.433	43	14601	5.359	ug/L	96
16) Methylene chloride	2.500	84	52411	5.108	ug/L	87
17) Methyl tert-butyl Ether	2.764	73	88344	5.327	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	43754	5.080	ug/L	92
19) 1,1-Dichloroethane	3.185	63	82416	5.026	ug/L	94
21) 2-Butanone	3.970	43	83618	54.226	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	49419	5.125	ug/L	97
23) Bromochloromethane	4.243	128	21968	5.045	ug/L	97
25) Chloroform	4.368	83	88326	4.893	ug/L	100

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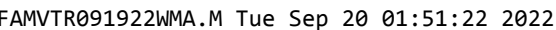
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 ClientSampleId :
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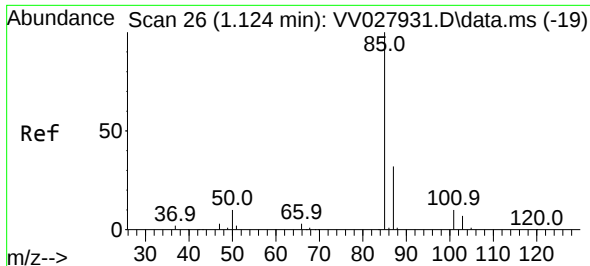
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	42275	5.001	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	73253	4.957	ug/L	99
30) Cyclohexane	4.674	56	53956	5.062	ug/L	99
31) Carbon tetrachloride	4.822	117	66593	5.039	ug/L	99
33) Benzene	5.095	78	181536	5.016	ug/L	100
34) Trichloroethene	5.908	95	46362	5.101	ug/L	97
35) Methylcyclohexane	6.127	83	64229	4.991	ug/L	100
37) 1,2-Dichloropropane	6.169	63	48231	4.961	ug/L	99
38) Bromodichloromethane	6.506	83	62761	5.024	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	61762	5.002	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	213520	53.572	ug/L	98
42) Toluene	7.384	91	197615	5.084	ug/L	94
44) trans-1,3-Dichloropropene	7.648	75	52703	5.200	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	34921	4.922	ug/L	97
47) Tetrachloroethene	7.973	164	39397	4.865	ug/L	95
48) 2-Hexanone	8.137	43	153260	54.144	ug/L	100
49) Dibromochloromethane	8.243	129	43208	4.984	ug/L	97
50) 1,2-Dibromoethane	8.352	107	30536	4.839	ug/L	90
51) Chlorobenzene	8.879	112	135826	5.020	ug/L	98
52) Ethylbenzene	9.011	91	204999	5.072	ug/L	99
53) m,p-Xylene	9.137	106	81206	5.159	ug/L	94
54) o-Xylene	9.542	106	81139	5.174	ug/L	100
55) Styrene	9.558	104	141420	5.206	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	42236	4.717	ug/L	98
59) Bromoform	9.728	173	23291	4.680	ug/L	99
60) Isopropylbenzene	9.931	105	214231	5.098	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	28180	5.089	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	54829	4.819	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	162394	4.917	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	114353	4.993	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	112609	4.871	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	101997	4.836	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	5861	4.668	ug/L #	73
69) 1,3,5-Trichlorobenzene	12.644	180	87936	4.813	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	69499	4.774	ug/L	98
71) Naphthalene	13.500	128	102906	4.828	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	63737	4.901	ug/L	97

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

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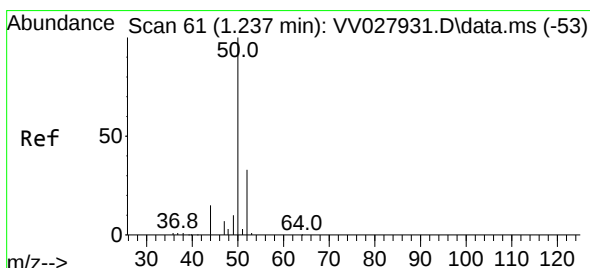
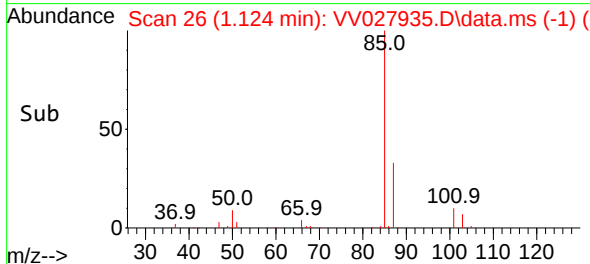
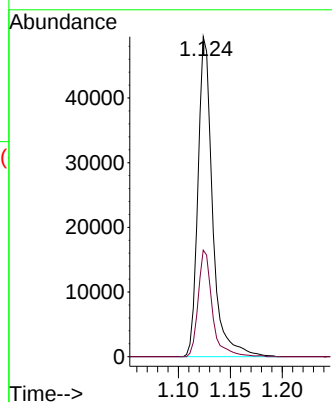
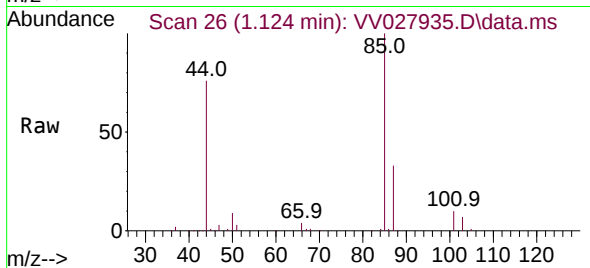




#2
 Dichlorodifluoromethane
 Concen: 5.104 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV027935.D
 Acq: 19 Sep 2022 18:59

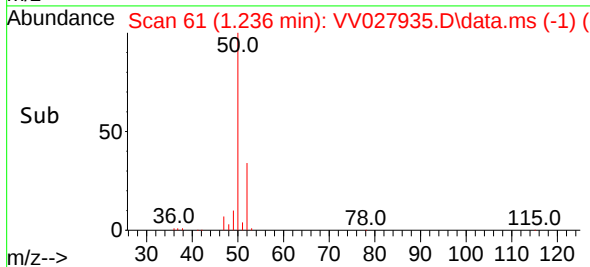
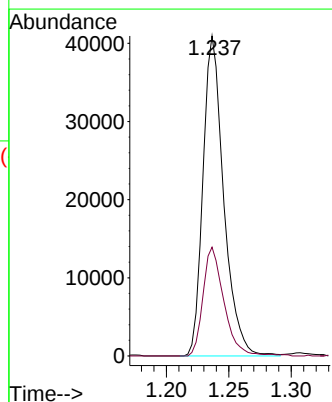
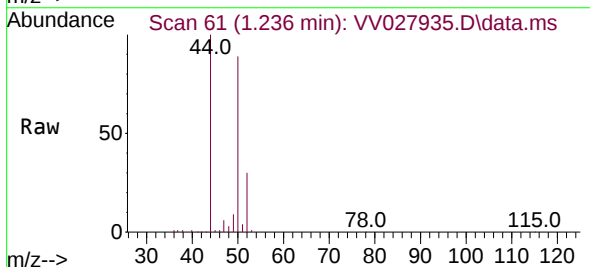
Instrument :
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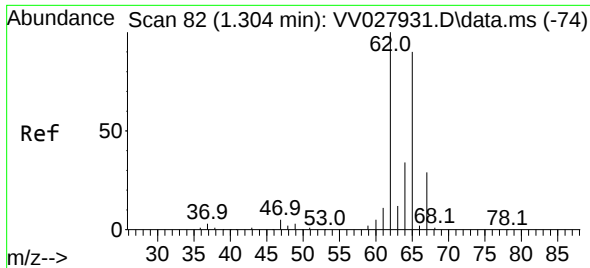
Tgt Ion: 85 Resp: 48520
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.5 39.7



#3
 Chloromethane
 Concen: 4.245 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV027935.D
 Acq: 19 Sep 2022 18:59

Tgt Ion: 50 Resp: 47466
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.0 42.8

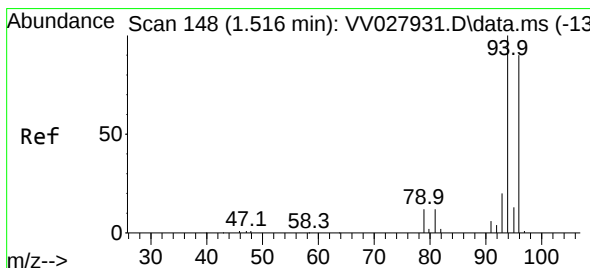
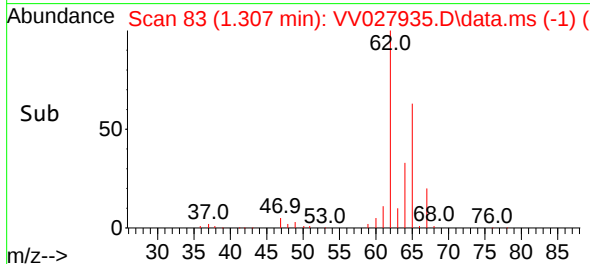
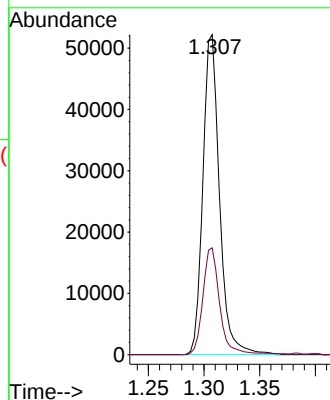
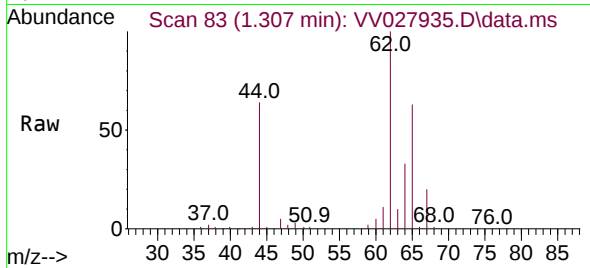




#5
 Vinyl chloride
 Concen: 4.893 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV027935.D
 Acq: 19 Sep 2022 18:59

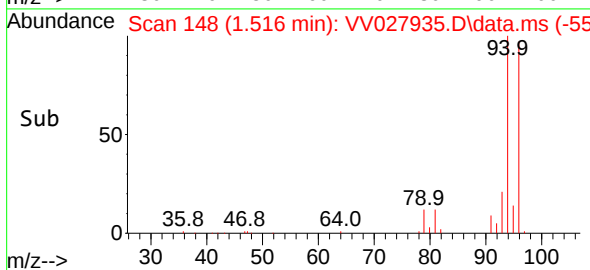
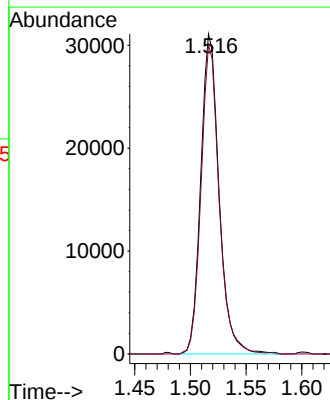
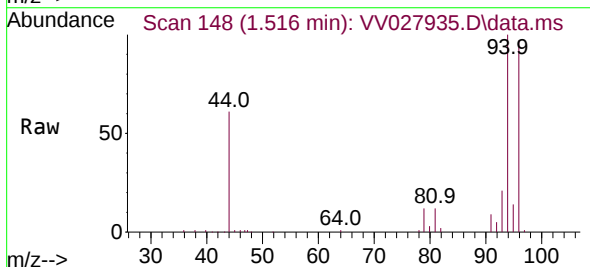
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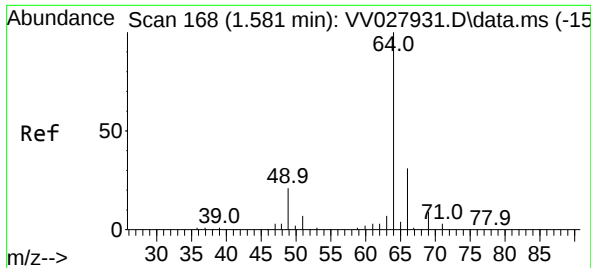
Tgt Ion: 62 Resp: 54244
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.4 43.6



#6
 Bromomethane
 Concen: 4.657 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV027935.D
 Acq: 19 Sep 2022 18:59

Tgt Ion: 94 Resp: 35651
 Ion Ratio Lower Upper
 94 100
 96 96.5 63.1 117.3

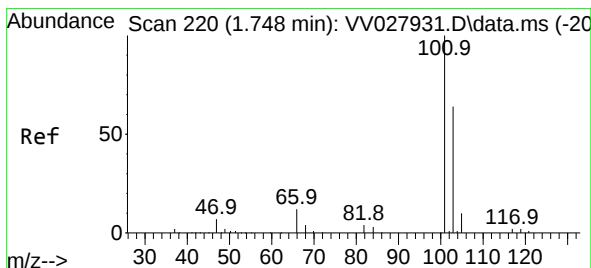
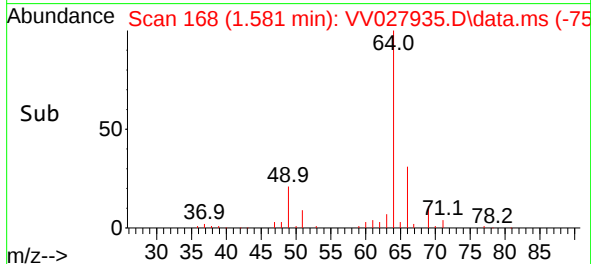
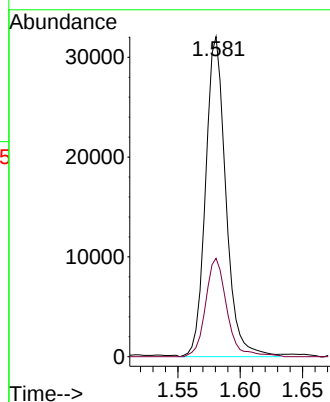
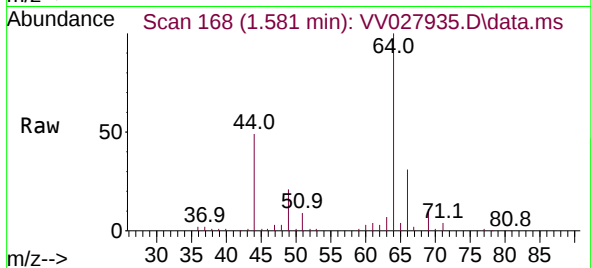




#8
Chloroethane
Concen: 4.850 ug/L
RT: 1.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV027935.D
Acq: 19 Sep 2022 18:59

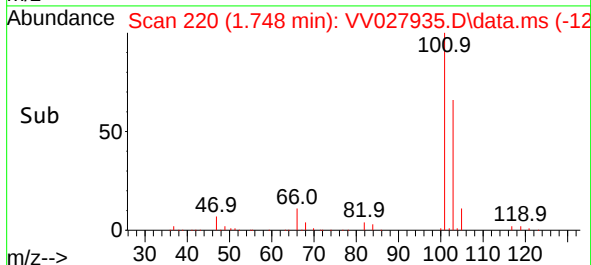
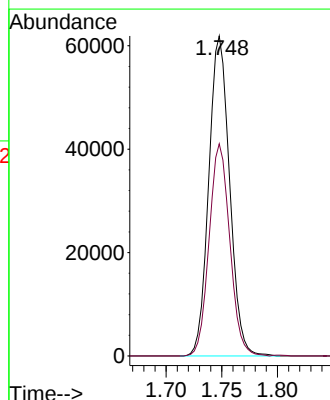
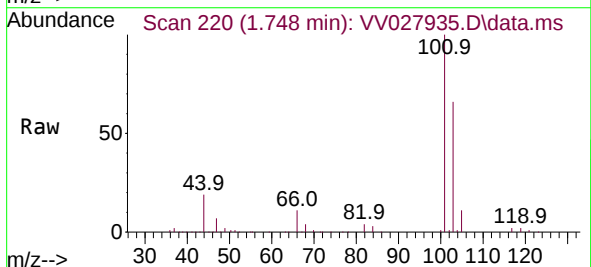
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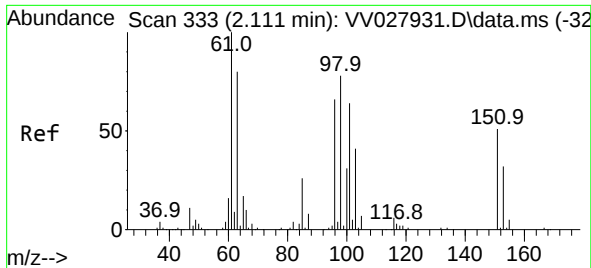
Tgt Ion: 64 Resp: 36357
Ion Ratio Lower Upper
64 100
66 30.8 21.6 40.2



#9
Trichlorofluoromethane
Concen: 4.801 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV027935.D
Acq: 19 Sep 2022 18:59

Tgt Ion:101 Resp: 80433
Ion Ratio Lower Upper
101 100
103 65.8 51.7 77.5

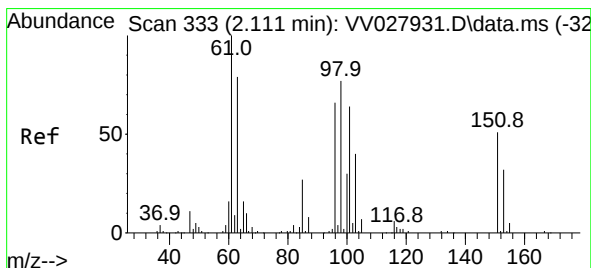
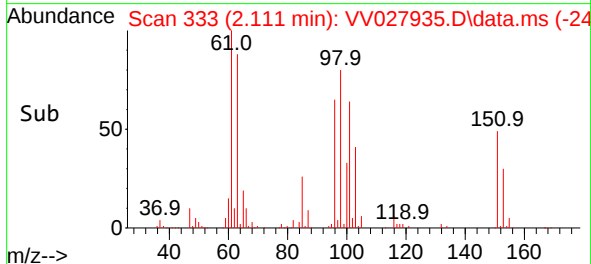
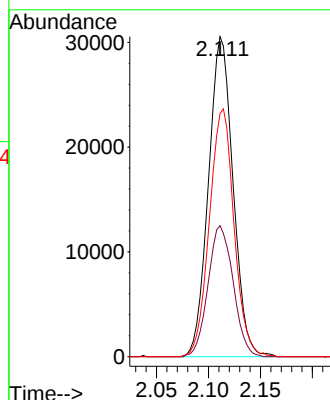
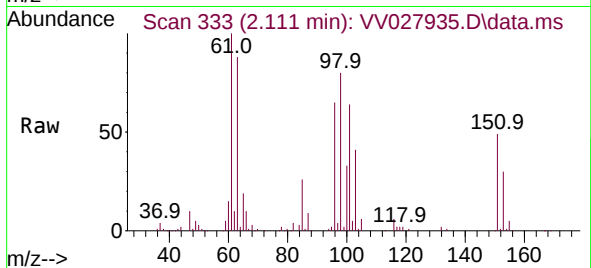




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.785 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV027935.D
 Acq: 19 Sep 2022 18:59

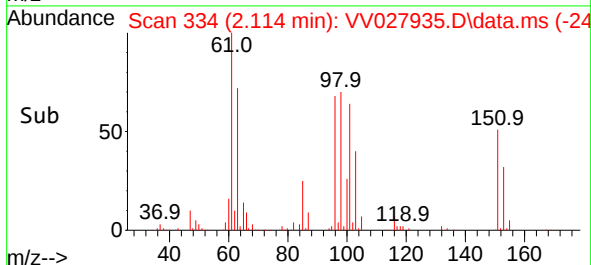
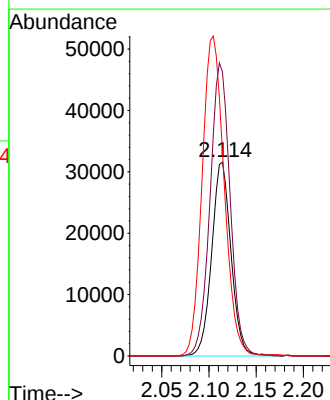
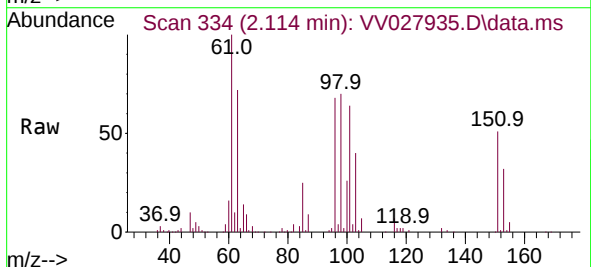
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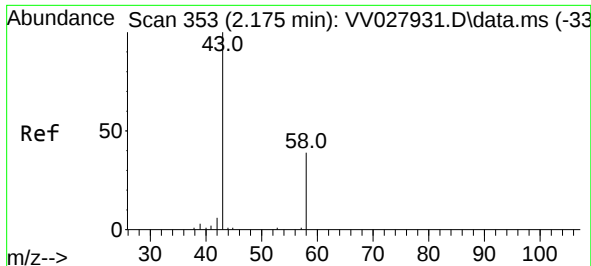
Tgt Ion:101 Resp: 50194
 Ion Ratio Lower Upper
 101 100
 85 41.8 33.6 50.4
 151 77.8 62.9 94.3



#12
 1,1-Dichloroethene
 Concen: 4.785 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV027935.D
 Acq: 19 Sep 2022 18:59

Tgt Ion: 96 Resp: 44889
 Ion Ratio Lower Upper
 96 100
 61 146.6 106.2 197.2
 63 105.5 85.0 158.0





#13

Acetone

Concen: 42.640 ug/L

RT: 2.175 min Scan# 353

Delta R.T. -0.000 min

Lab File: VV027935.D

Acq: 19 Sep 2022 18:59

Instrument :

MSVOA_V

ClientSampleId :

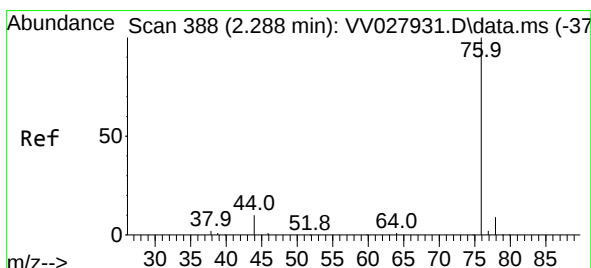
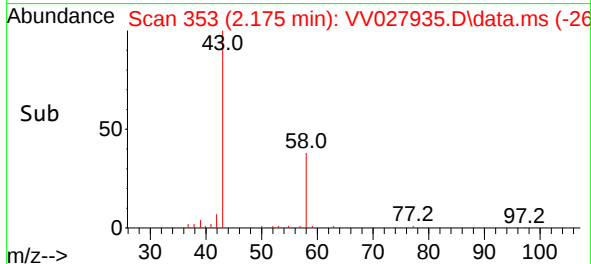
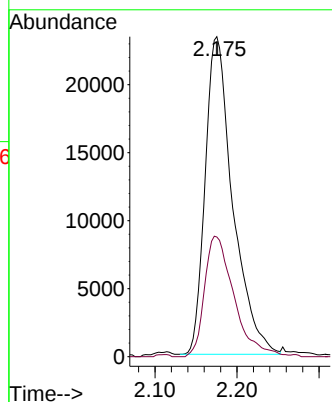
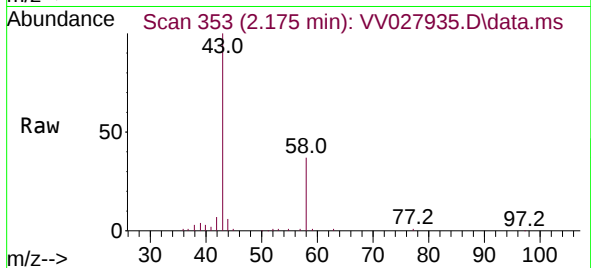
VSTD005296

Tgt Ion: 43 Resp: 54690

Ion Ratio Lower Upper

43 100

58 40.5 0.0 79.8



#14

Carbon disulfide

Concen: 4.864 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.000 min

Lab File: VV027935.D

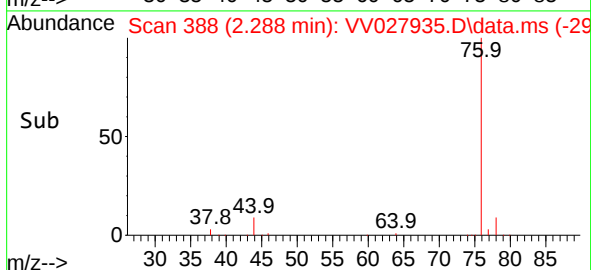
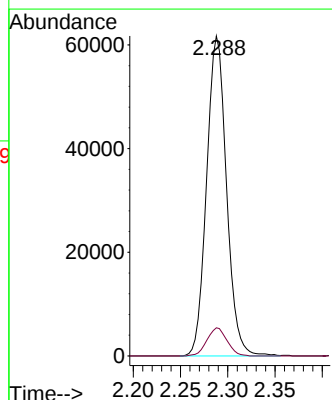
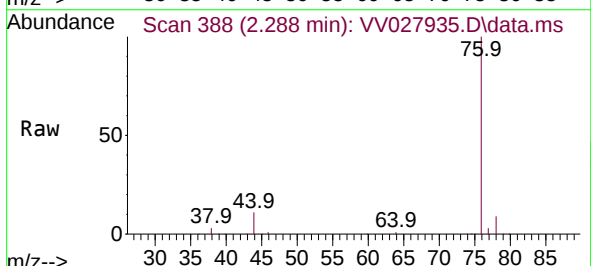
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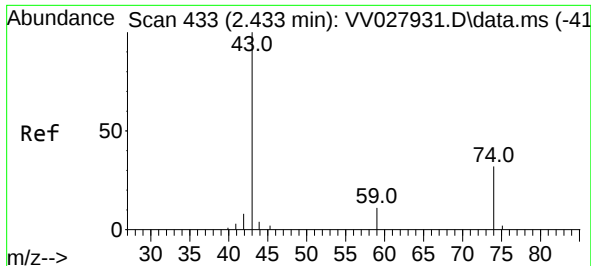
Tgt Ion: 76 Resp: 90372

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

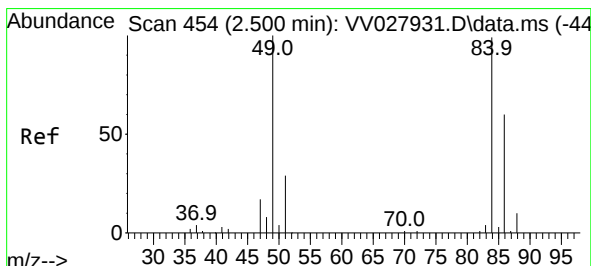
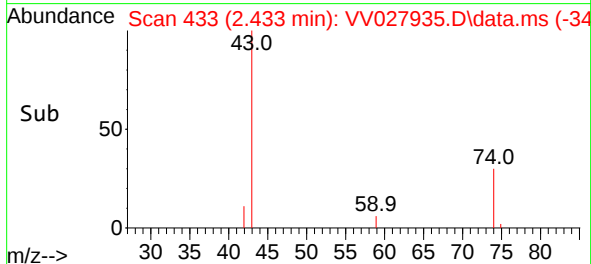
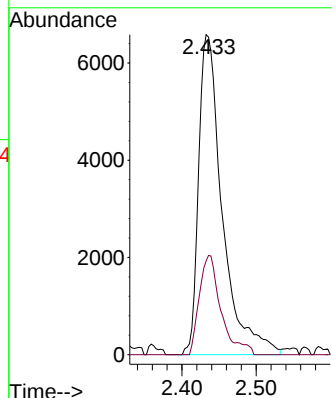
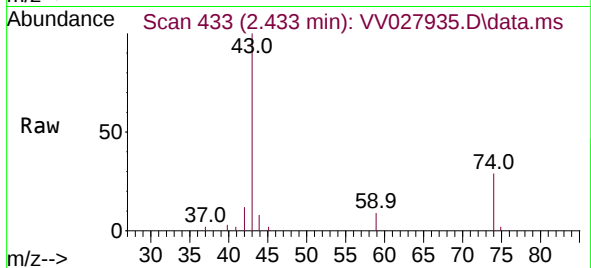




#15
Methyl Acetate
Concen: 5.359 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV027935.D
Acq: 19 Sep 2022 18:59

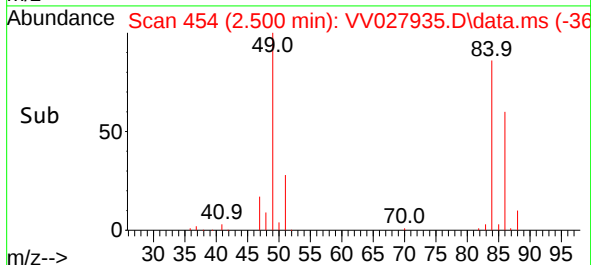
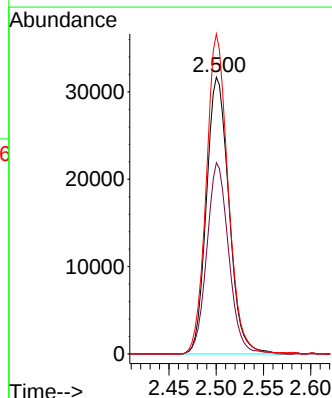
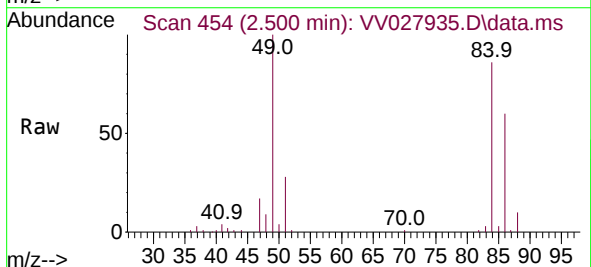
Instrument :
MSVOA_V
ClientSampleId :
VSTD005296

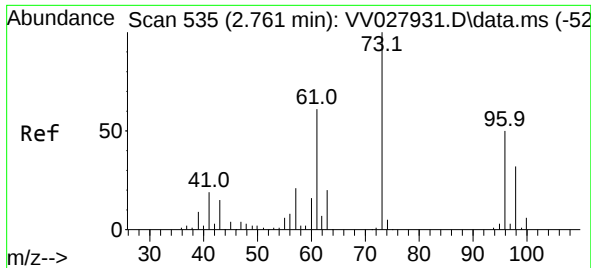
Tgt Ion: 43 Resp: 14601
Ion Ratio Lower Upper
43 100
74 28.3 24.2 36.4



#16
Methylene chloride
Concen: 5.108 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV027935.D
Acq: 19 Sep 2022 18:59

Tgt Ion: 84 Resp: 52411
Ion Ratio Lower Upper
84 100
86 69.1 42.4 78.6
49 115.6 70.7 131.3

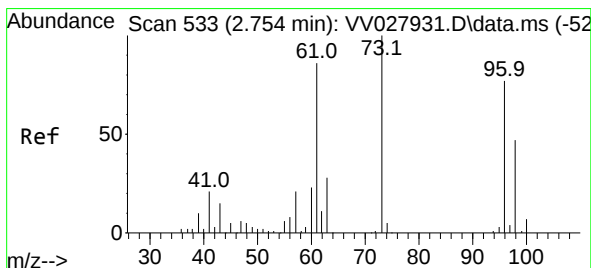
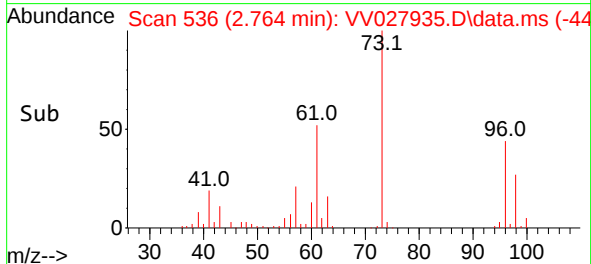
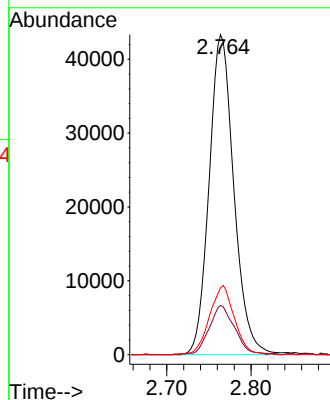
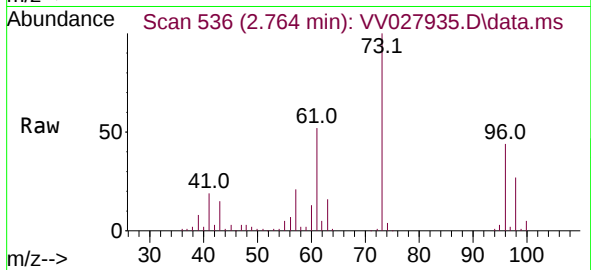




#17
Methyl tert-butyl Ether
Concen: 5.327 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027935.D
Acq: 19 Sep 2022 18:59

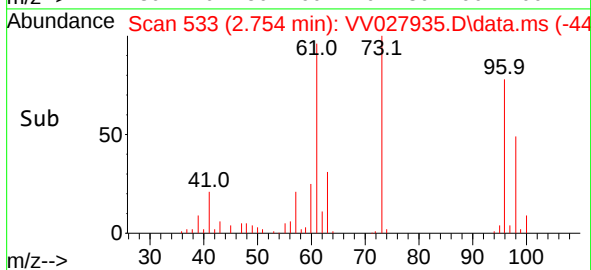
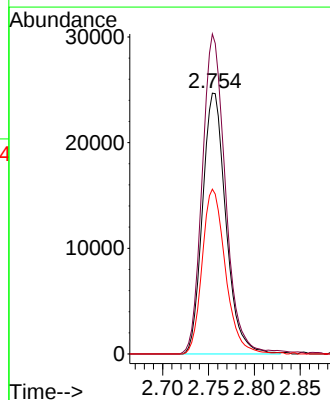
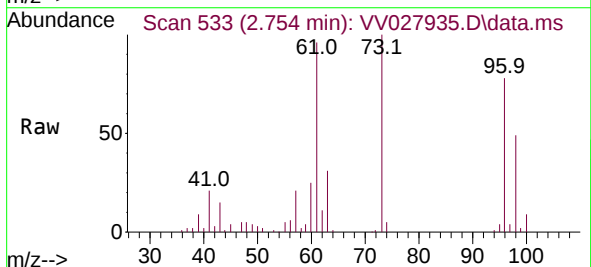
Instrument :
MSVOA_V
ClientSampleId :
VSTD005296

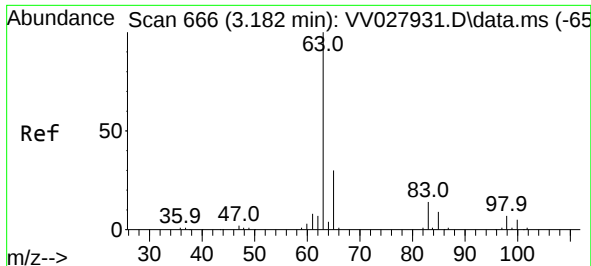
Tgt Ion: 73 Resp: 88344
Ion Ratio Lower Upper
73 100
43 15.9 12.4 18.6
57 21.7 16.6 25.0



#18
trans-1,2-Dichloroethene
Concen: 5.080 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.000 min
Lab File: VV027935.D
Acq: 19 Sep 2022 18:59

Tgt Ion: 96 Resp: 43754
Ion Ratio Lower Upper
96 100
61 122.7 78.3 145.5
98 63.2 42.4 78.6





#19

1,1-Dichloroethane

Concen: 5.026 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027935.D

Acq: 19 Sep 2022 18:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005296

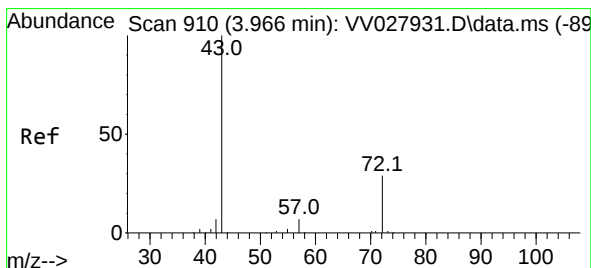
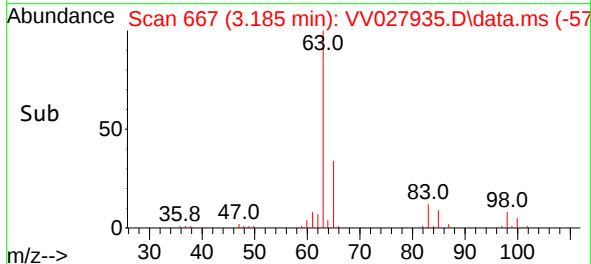
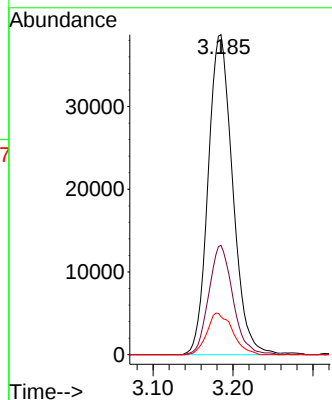
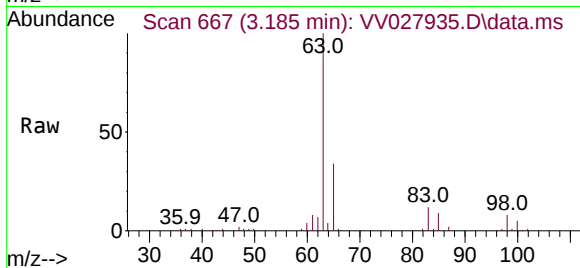
Tgt Ion: 63 Resp: 82416

Ion Ratio Lower Upper

63 100

65 34.1 21.3 39.6

83 11.9 9.7 18.1



#21

2-Butanone

Concen: 54.226 ug/L

RT: 3.970 min Scan# 911

Delta R.T. 0.003 min

Lab File: VV027935.D

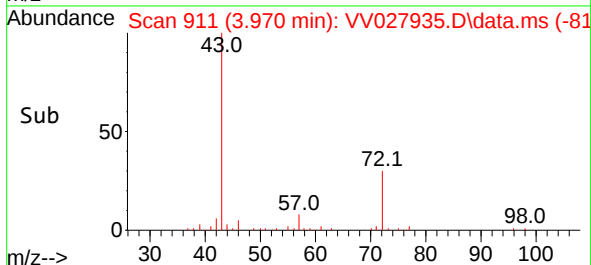
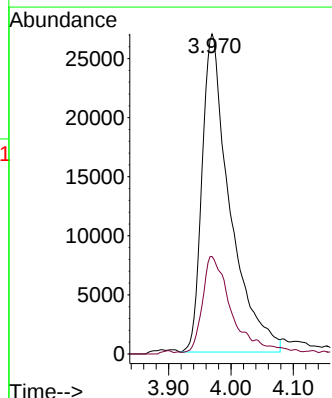
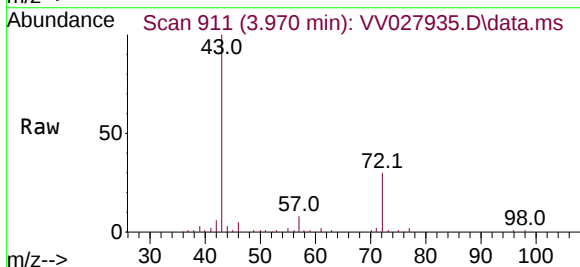
Acq: 19 Sep 2022 18:59

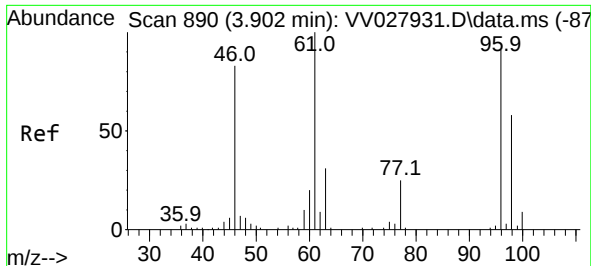
Tgt Ion: 43 Resp: 83618

Ion Ratio Lower Upper

43 100

72 28.8 14.9 44.9

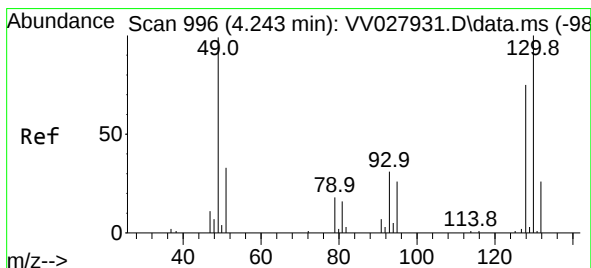
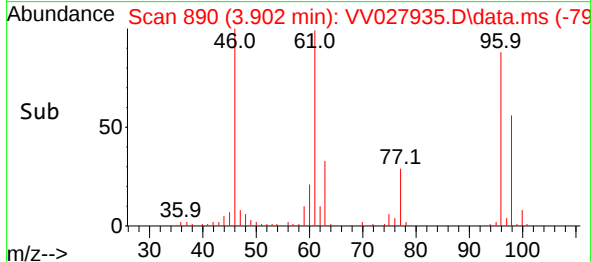
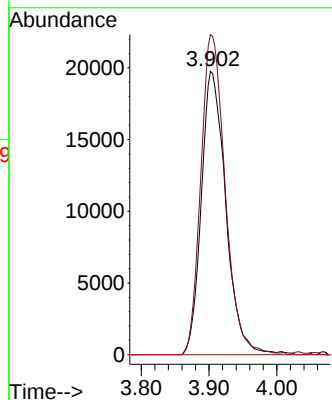
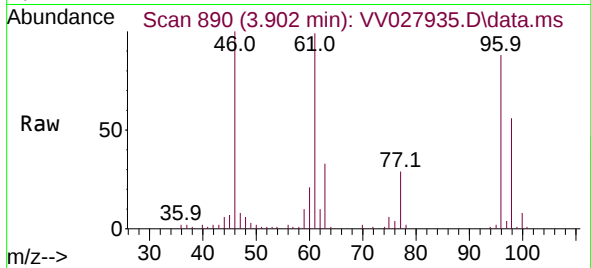




#22
 cis-1,2-Dichloroethene
 Concen: 5.125 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. -0.000 min
 Lab File: VV027935.D
 Acq: 19 Sep 2022 18:59

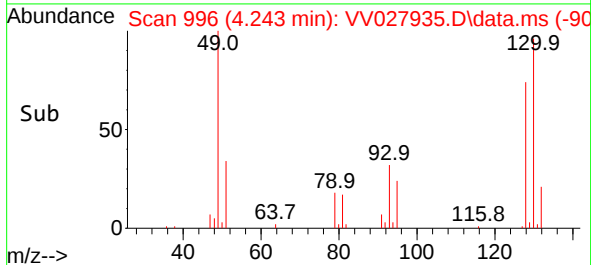
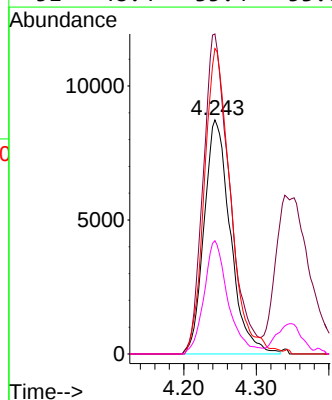
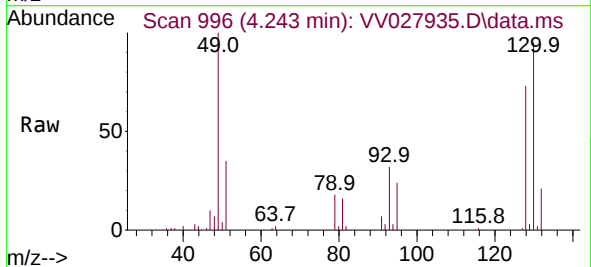
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005296

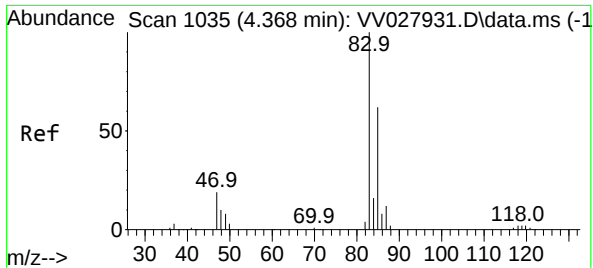
Tgt Ion: 96 Resp: 49419
 Ion Ratio Lower Upper
 96 100
 61 112.9 76.6 142.3
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.045 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VV027935.D
 Acq: 19 Sep 2022 18:59

Tgt Ion: 128 Resp: 21968
 Ion Ratio Lower Upper
 128 100
 49 136.7 93.4 173.6
 130 130.5 93.9 174.5
 51 48.4 35.4 53.0





#25

Chloroform

Concen: 4.893 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VV027935.D

Acq: 19 Sep 2022 18:59

Instrument :

MSVOA_V

ClientSampleId :

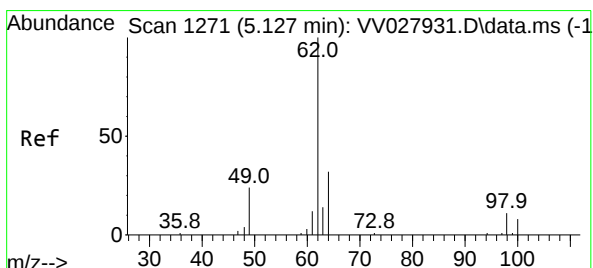
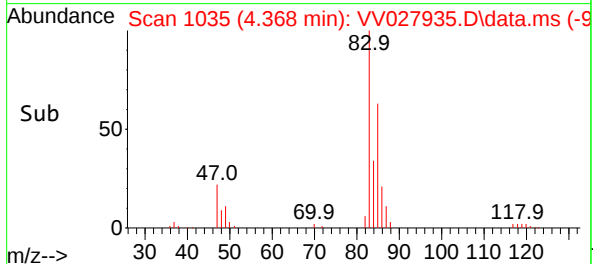
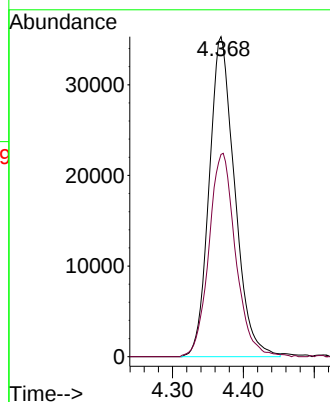
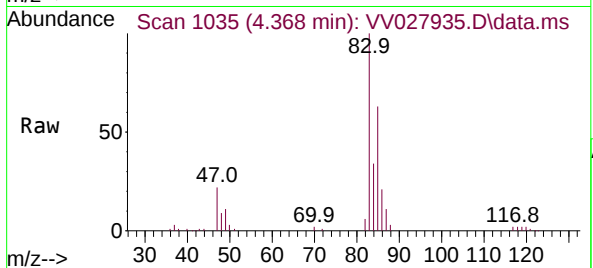
VSTD005296

Tgt Ion: 83 Resp: 88326

Ion Ratio Lower Upper

83 100

85 63.2 44.0 81.8



#27

1,2-Dichloroethane

Concen: 5.001 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV027935.D

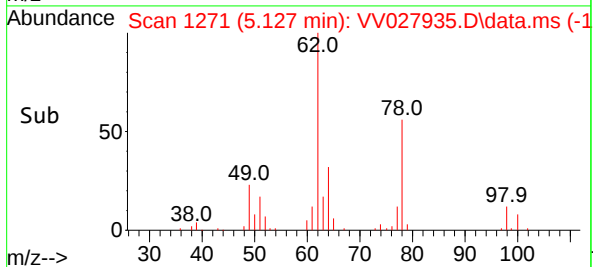
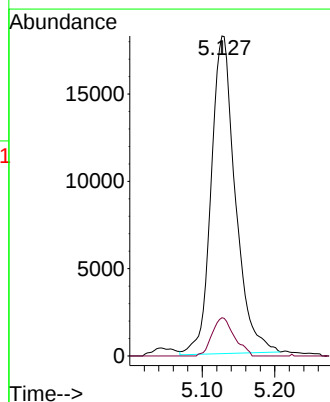
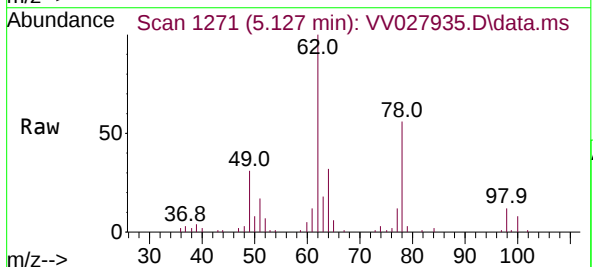
Acq: 19 Sep 2022 18:59

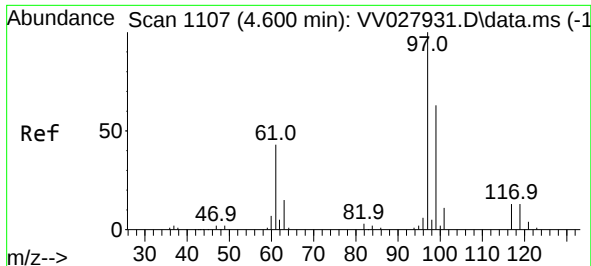
Tgt Ion: 62 Resp: 42275

Ion Ratio Lower Upper

62 100

98 11.9 8.7 13.1





#29

1,1,1-Trichloroethane

Concen: 4.957 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV027935.D

Acq: 19 Sep 2022 18:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005296

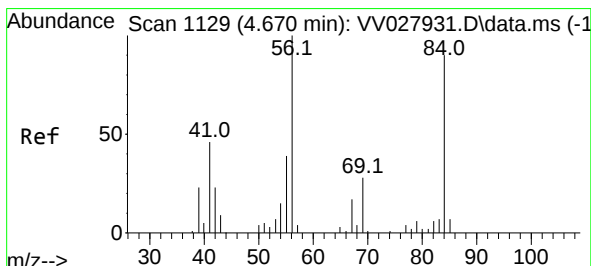
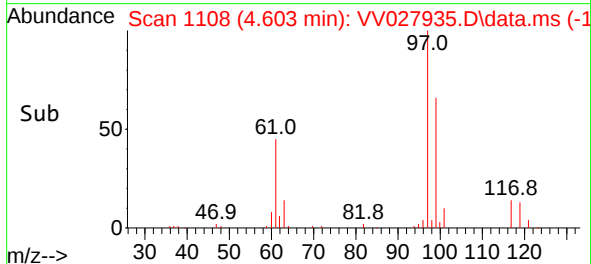
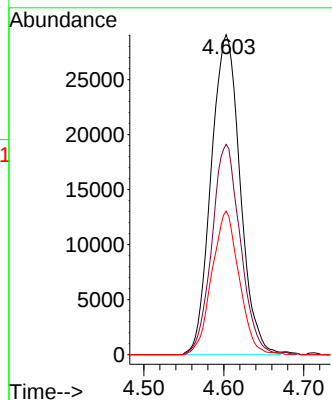
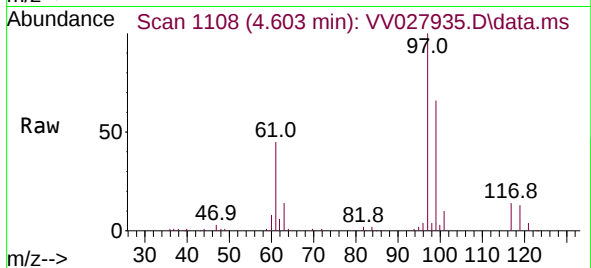
Tgt Ion: 97 Resp: 73253

Ion Ratio Lower Upper

97 100

99 64.6 51.3 76.9

61 42.3 33.6 50.4



#30

Cyclohexane

Concen: 5.062 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV027935.D

Acq: 19 Sep 2022 18:59

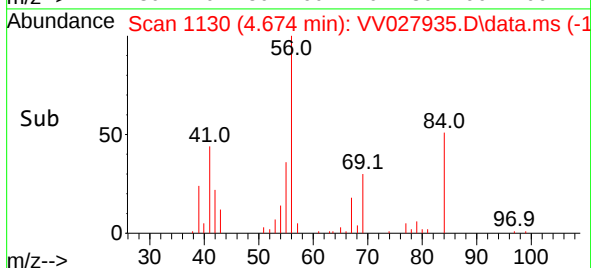
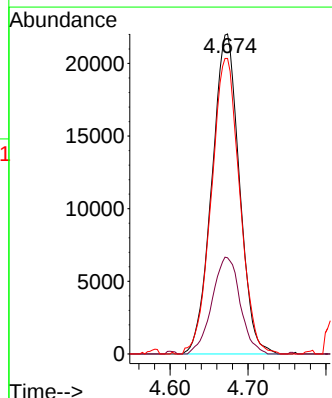
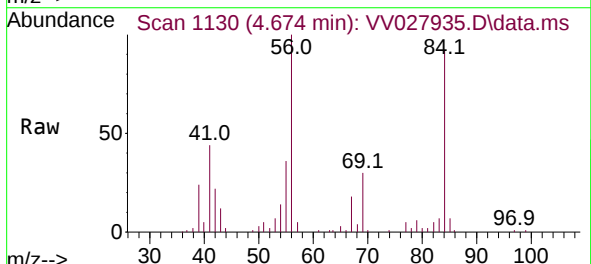
Tgt Ion: 56 Resp: 53956

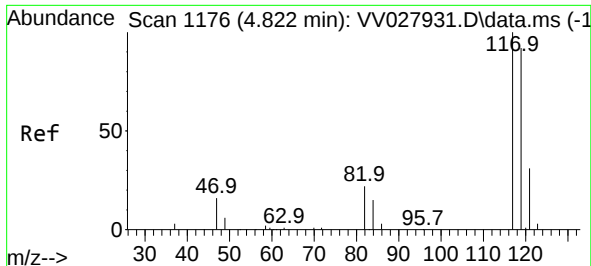
Ion Ratio Lower Upper

56 100

69 30.9 24.2 36.2

84 95.1 76.9 115.3

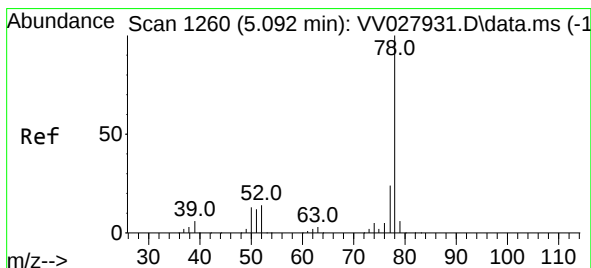
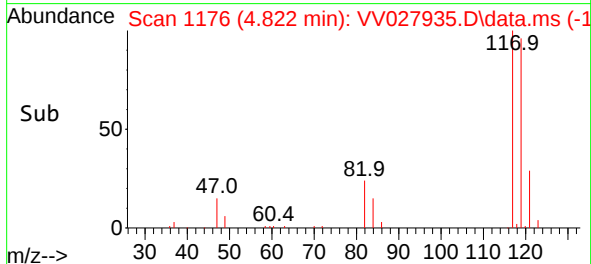
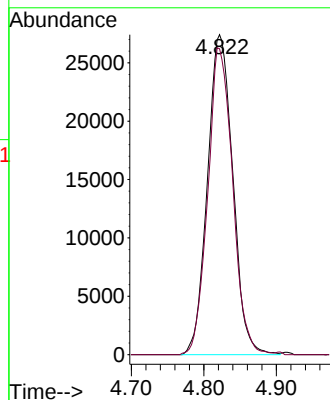
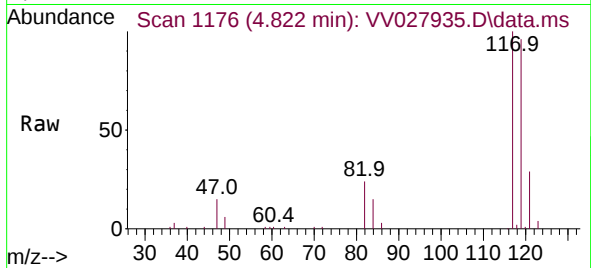




#31
Carbon tetrachloride
Concen: 5.039 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VV027935.D
Acq: 19 Sep 2022 18:59

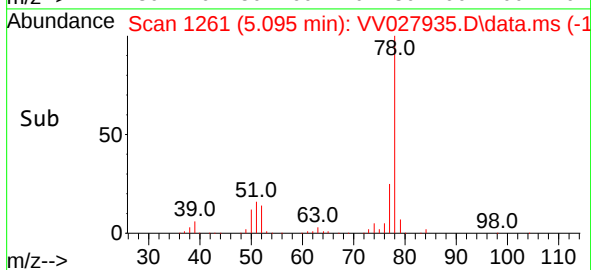
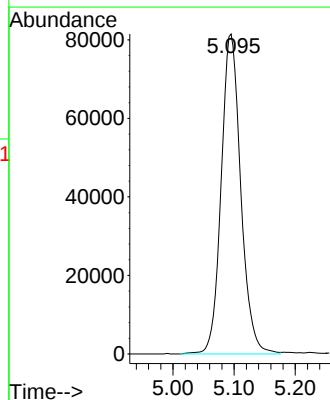
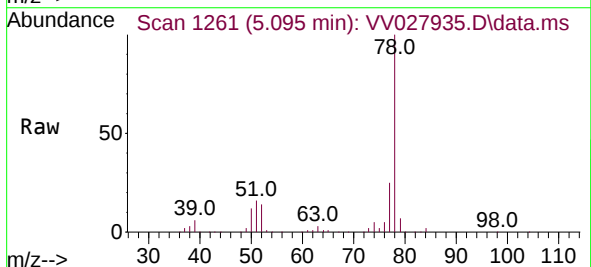
Instrument :
MSVOA_V
ClientSampleId :
VSTD005296

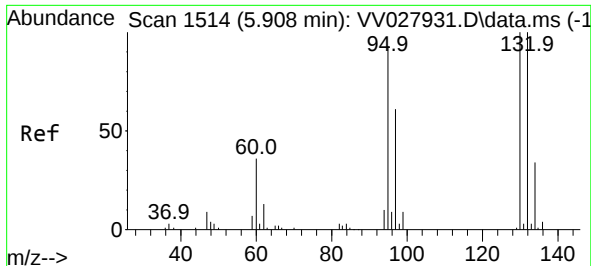
Tgt Ion:117 Resp: 66593
Ion Ratio Lower Upper
117 100
119 94.0 74.2 111.4



#33
Benzene
Concen: 5.016 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV027935.D
Acq: 19 Sep 2022 18:59

Tgt Ion: 78 Resp: 181536

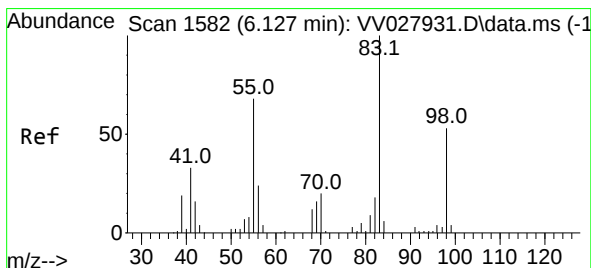
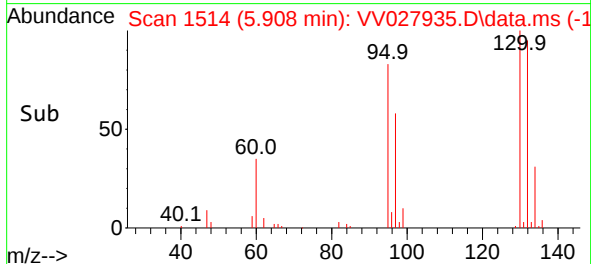
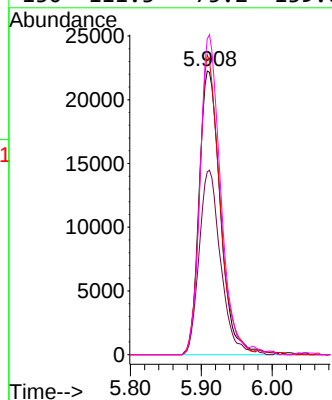
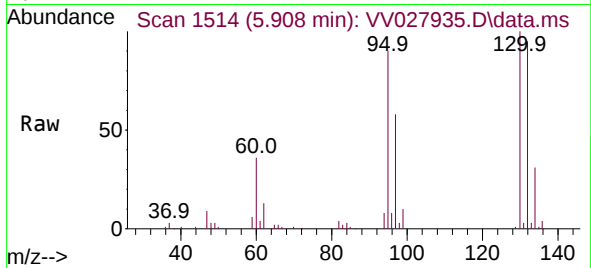




#34
Trichloroethene
Concen: 5.101 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV027935.D
Acq: 19 Sep 2022 18:59

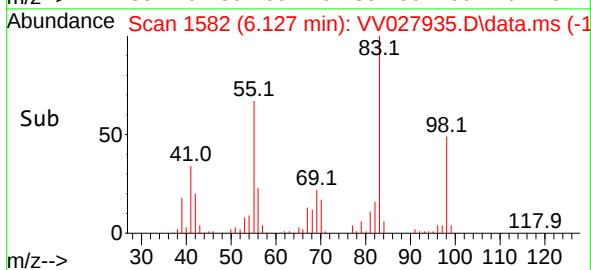
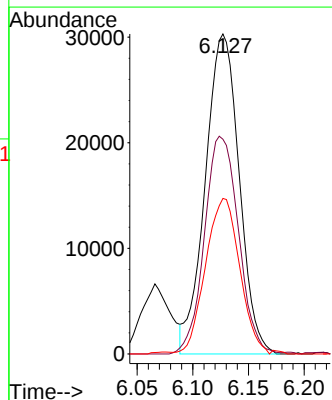
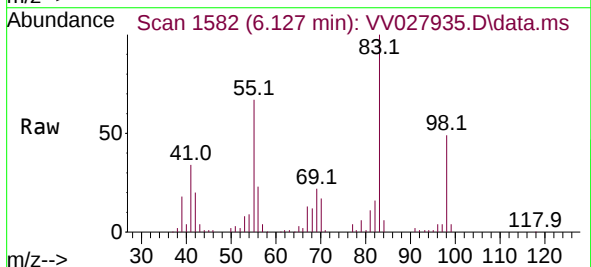
Instrument :
MSVOA_V
ClientSampleId :
VSTD005296

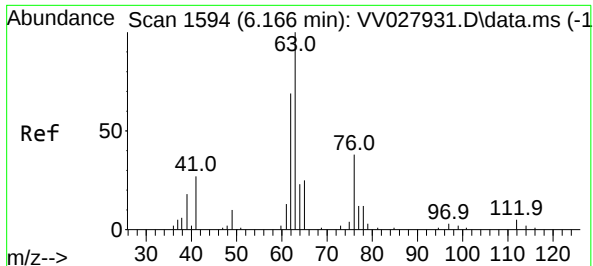
Tgt Ion: 95 Resp: 46362
Ion Ratio Lower Upper
95 100
97 64.4 46.1 85.7
132 105.7 75.2 139.6
130 111.3 75.2 139.6



#35
Methylcyclohexane
Concen: 4.991 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV027935.D
Acq: 19 Sep 2022 18:59

Tgt Ion: 83 Resp: 64229
Ion Ratio Lower Upper
83 100
55 68.3 54.5 81.7
98 48.9 39.6 59.4





#37

1,2-Dichloropropane

Concen: 4.961 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027935.D

Acq: 19 Sep 2022 18:59

Instrument :

MSVOA_V

ClientSampleId :

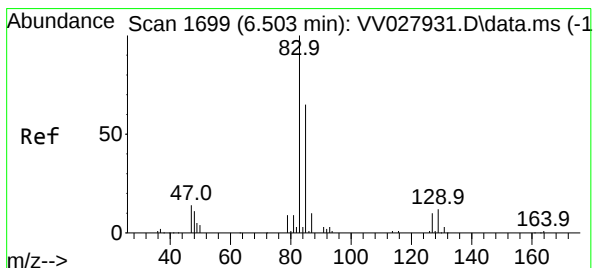
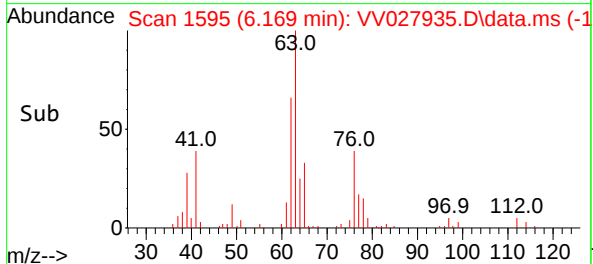
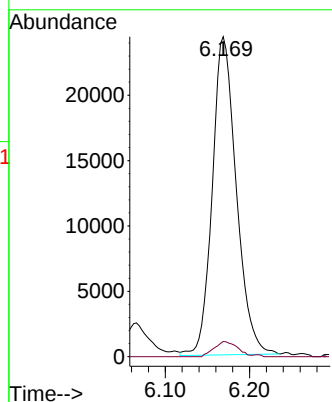
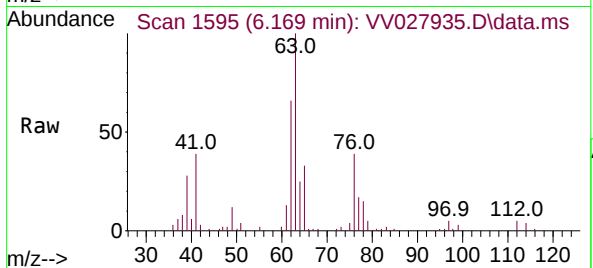
VSTD005296

Tgt Ion: 63 Resp: 48231

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.8



#38

Bromodichloromethane

Concen: 5.024 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV027935.D

Acq: 19 Sep 2022 18:59

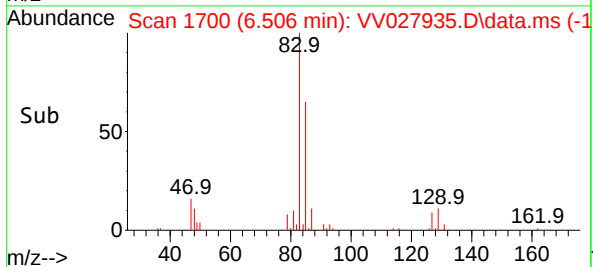
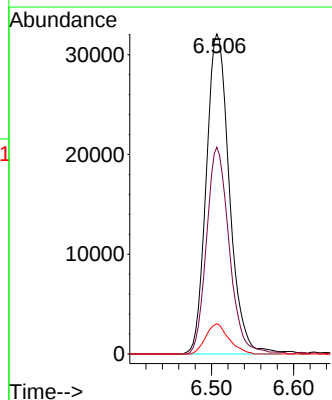
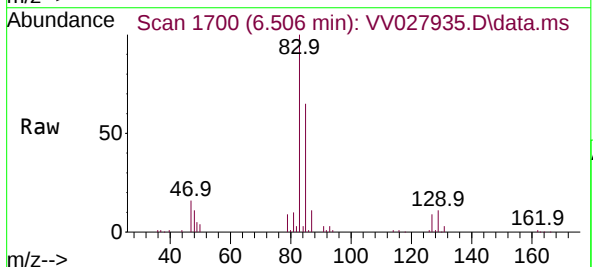
Tgt Ion: 83 Resp: 62761

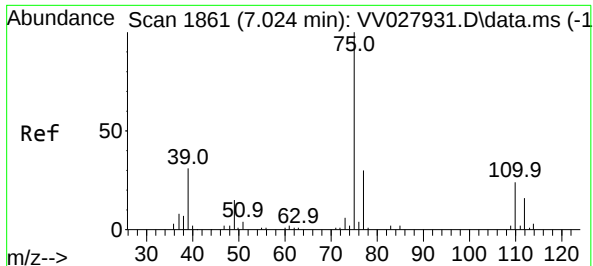
Ion Ratio Lower Upper

83 100

85 64.6 45.3 84.1

127 9.4 7.9 11.9





#39

cis-1,3-Dichloropropene

Concen: 5.002 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV027935.D

Acq: 19 Sep 2022 18:59

Instrument :

MSVOA_V

ClientSampleId :

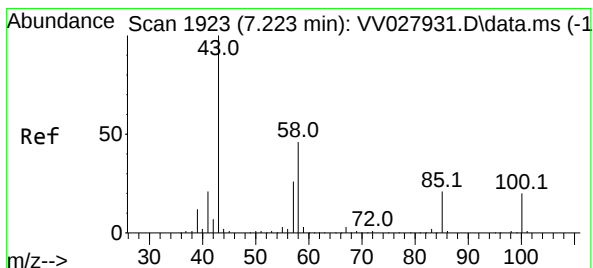
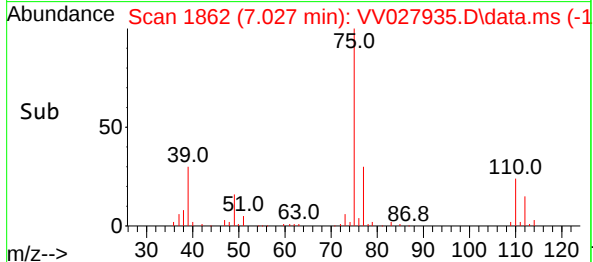
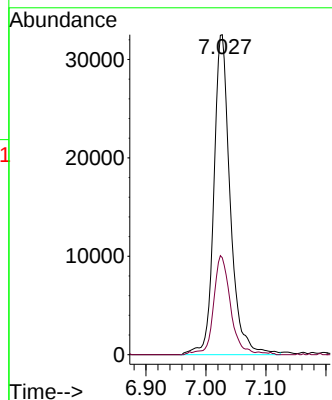
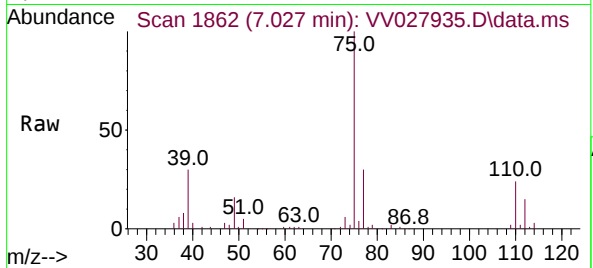
VSTD005296

Tgt Ion: 75 Resp: 61762

Ion Ratio Lower Upper

75 100

77 30.3 21.1 39.3



#40

4-Methyl-2-pentanone

Concen: 53.572 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV027935.D

Acq: 19 Sep 2022 18:59

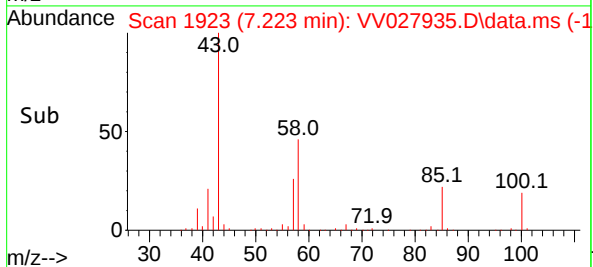
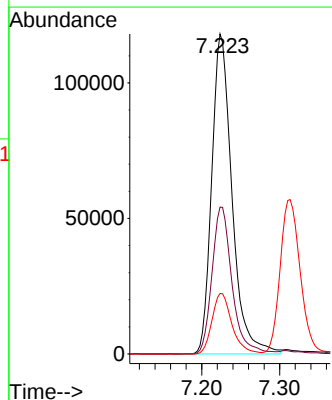
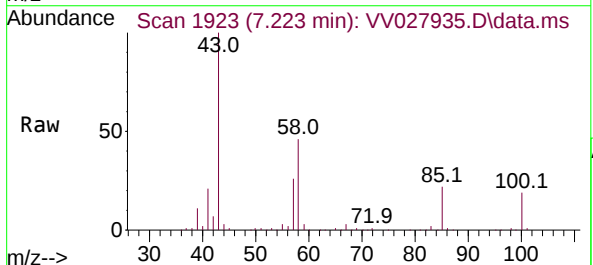
Tgt Ion: 43 Resp: 213520

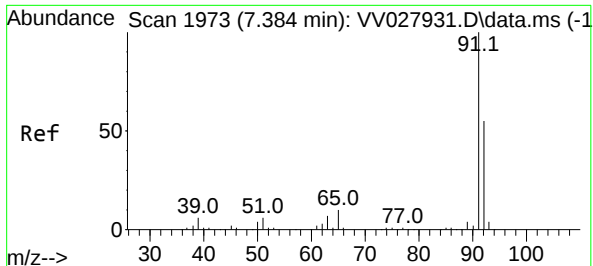
Ion Ratio Lower Upper

43 100

58 45.5 35.3 52.9

100 18.6 15.3 22.9





#42

Toluene

Concen: 5.084 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV027935.D

Acq: 19 Sep 2022 18:59

Instrument :

MSVOA_V

ClientSampleId :

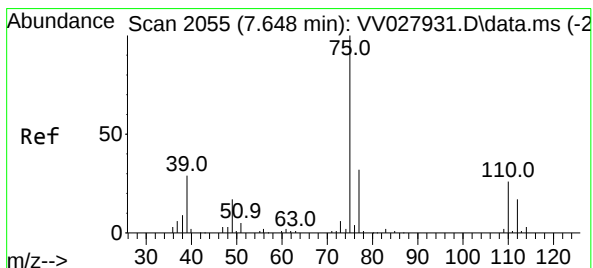
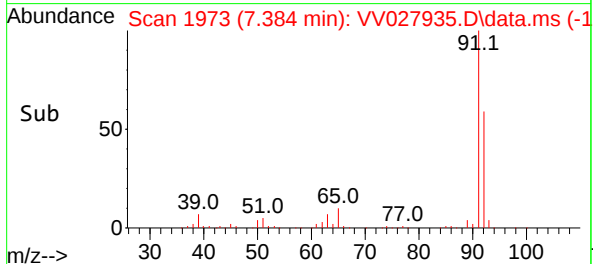
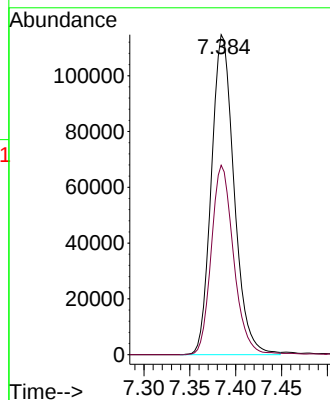
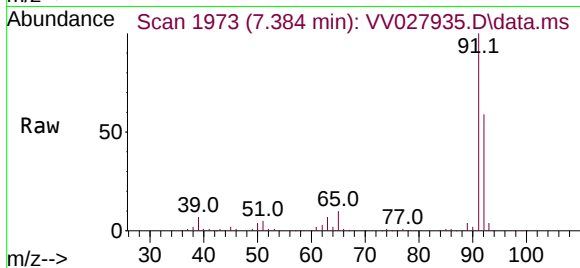
VSTD005296

Tgt Ion: 91 Resp: 197615

Ion Ratio Lower Upper

91 100

92 59.2 38.5 71.5



#44

trans-1,3-Dichloropropene

Concen: 5.200 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV027935.D

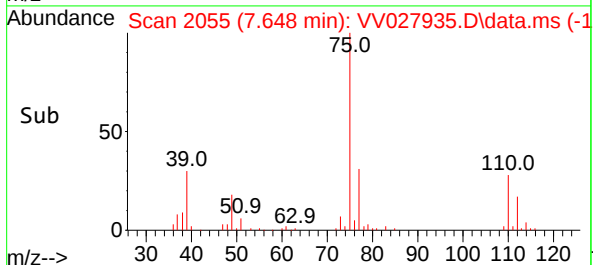
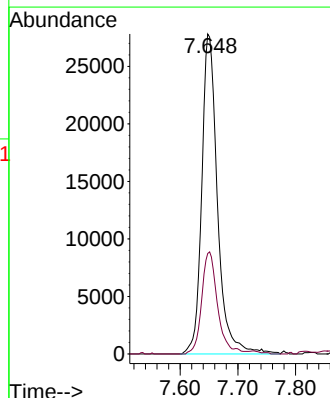
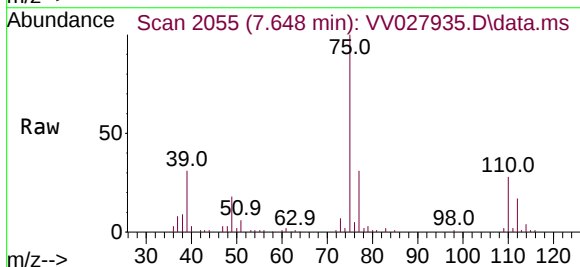
Acq: 19 Sep 2022 18:59

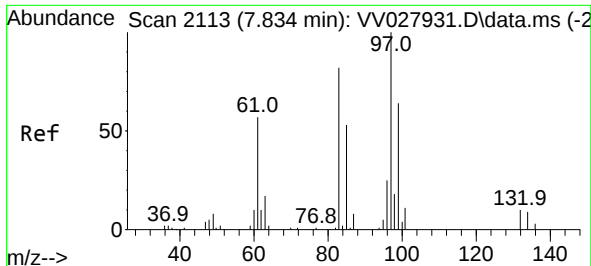
Tgt Ion: 75 Resp: 52703

Ion Ratio Lower Upper

75 100

77 31.4 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 4.922 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.003 min

Lab File: VV027935.D

Acq: 19 Sep 2022 18:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005296

Tgt Ion: 97 Resp: 34921

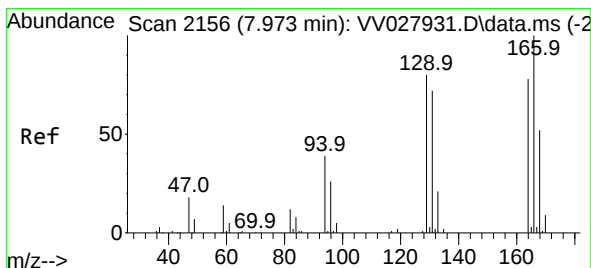
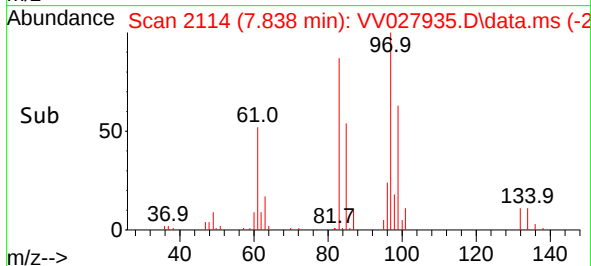
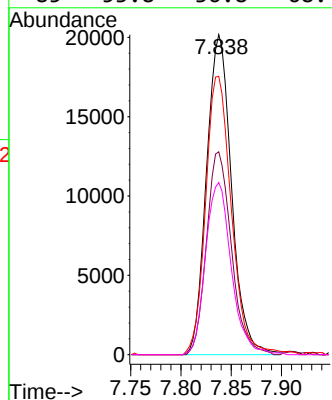
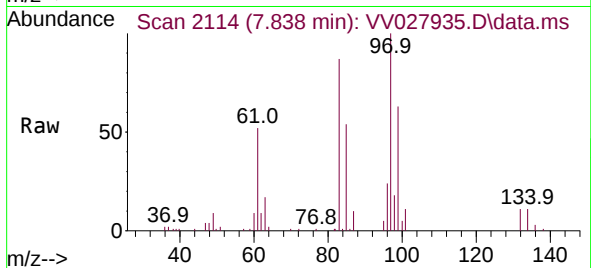
Ion Ratio Lower Upper

97 100

99 63.4 44.9 83.5

83 87.0 57.3 106.3

85 53.8 36.8 68.4



#47

Tetrachloroethene

Concen: 4.865 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV027935.D

Acq: 19 Sep 2022 18:59

Tgt Ion:164 Resp: 39397

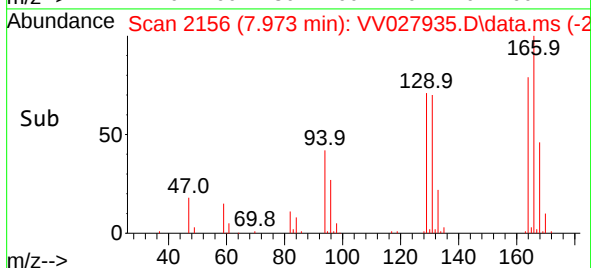
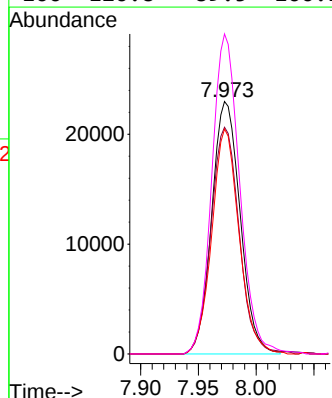
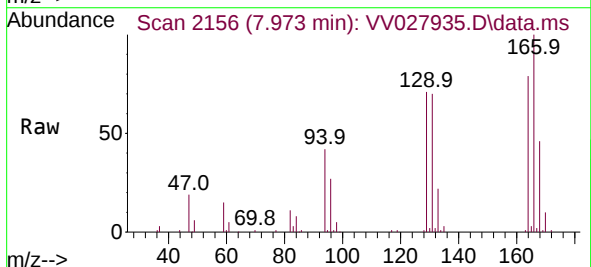
Ion Ratio Lower Upper

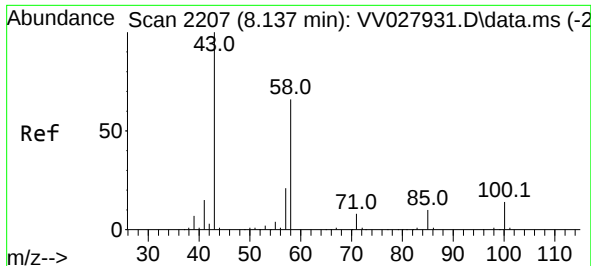
164 100

129 89.8 71.3 132.3

131 89.1 64.5 119.7

166 126.8 89.5 166.1

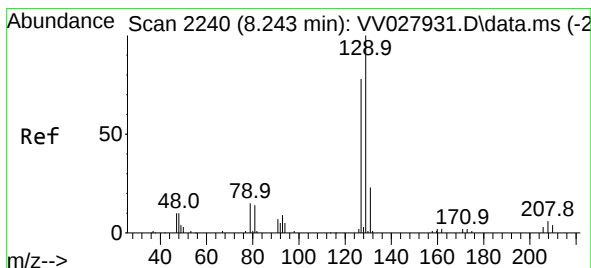
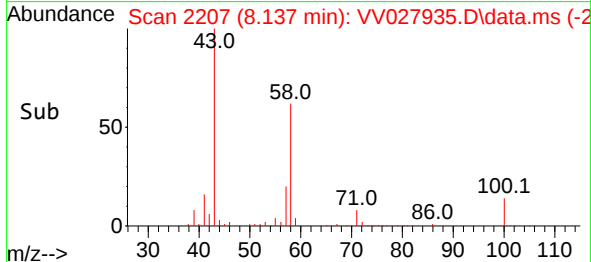
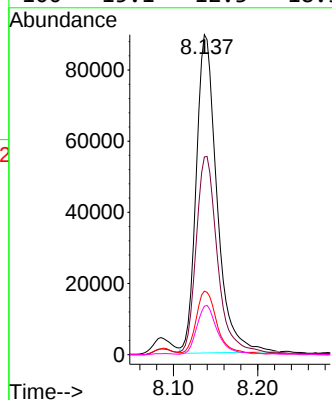
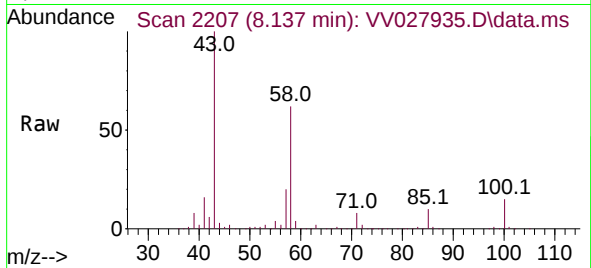




#48
2-Hexanone
Concen: 54.144 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027935.D
Acq: 19 Sep 2022 18:59

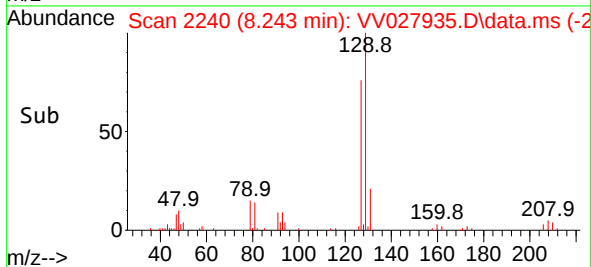
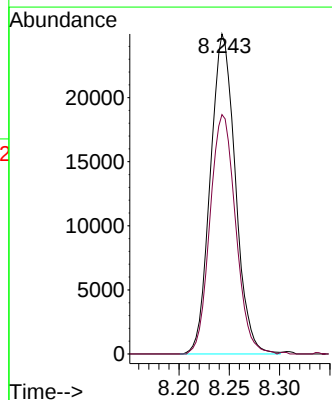
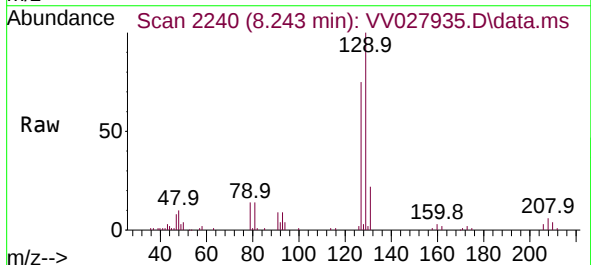
Instrument :
MSVOA_V
ClientSampleId :
VSTD005296

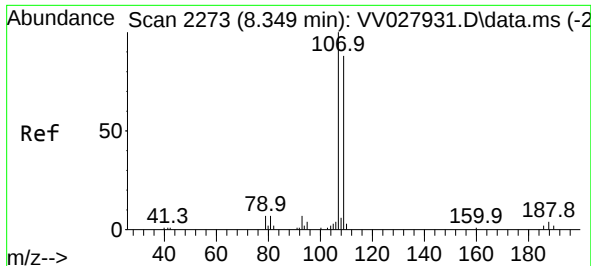
Tgt Ion: 43	Resp: 153260
Ion Ratio	Lower Upper
43 100	
58 63.3	50.6 76.0
57 20.1	16.2 24.4
100 15.1	12.3 18.5



#49
Dibromochloromethane
Concen: 4.984 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027935.D
Acq: 19 Sep 2022 18:59

Tgt Ion:129	Resp:	43208	
Ion	Ratio	Lower	Upper
129	100		
127	74.8	54.3	100.9





#50

1,2-Dibromoethane

Concen: 4.839 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027935.D

Acq: 19 Sep 2022 18:59

Instrument :

MSVOA_V

ClientSampleId :

VSTD005296

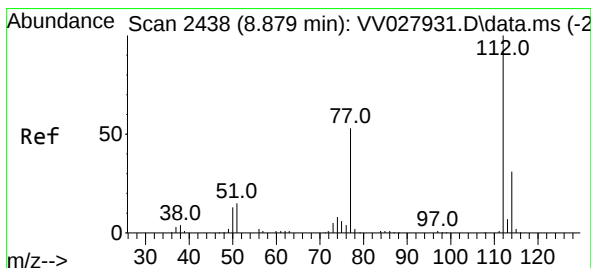
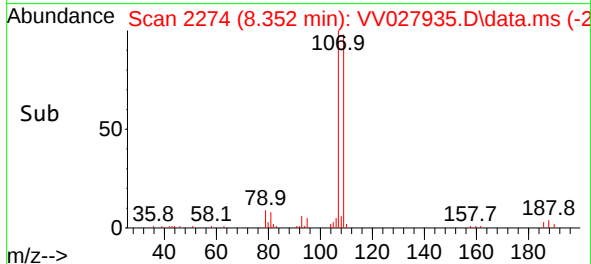
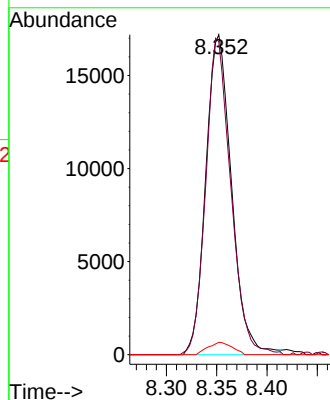
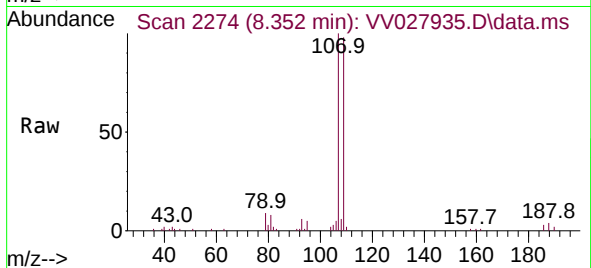
Tgt Ion:107 Resp: 30536

Ion Ratio Lower Upper

107 100

109 97.8 61.4 114.0

188 3.8 3.1 4.7



#51

Chlorobenzene

Concen: 5.020 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV027935.D

Acq: 19 Sep 2022 18:59

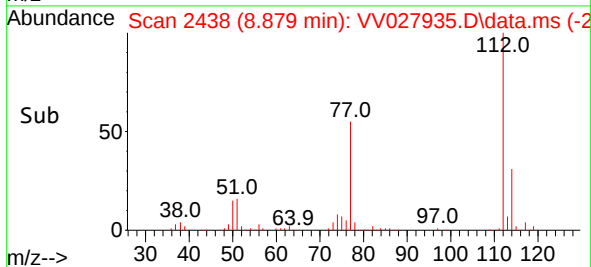
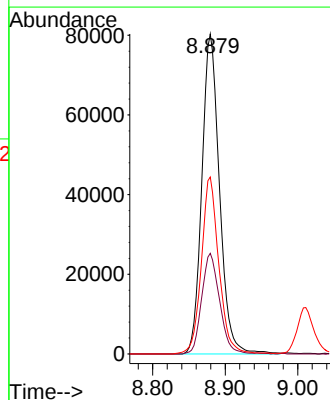
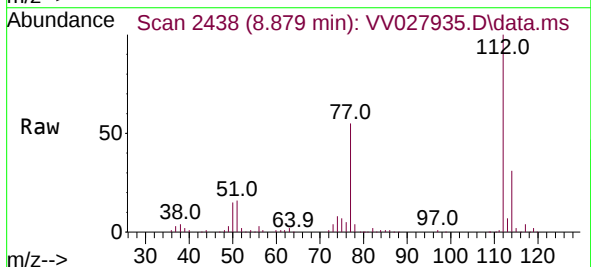
Tgt Ion:112 Resp: 135826

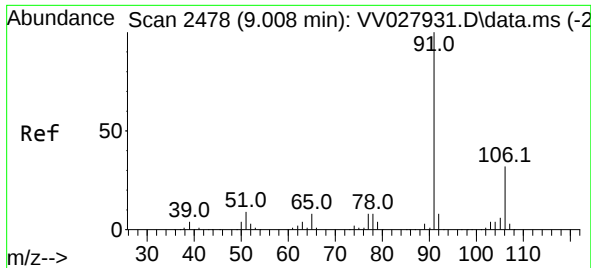
Ion Ratio Lower Upper

112 100

114 31.4 22.0 40.8

77 55.3 42.7 64.1





#52

Ethylbenzene

Concen: 5.072 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV027935.D

Acq: 19 Sep 2022 18:59

Instrument :

MSVOA_V

ClientSampleId :

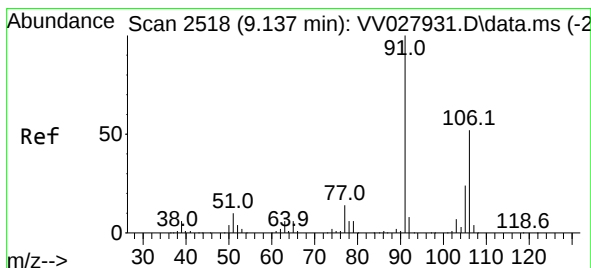
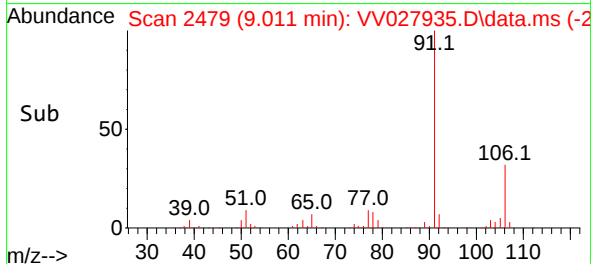
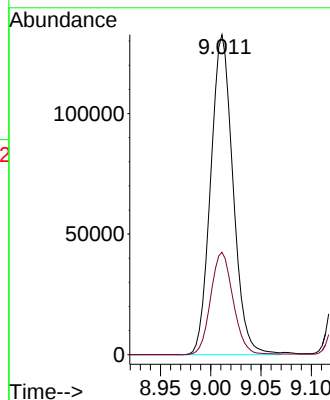
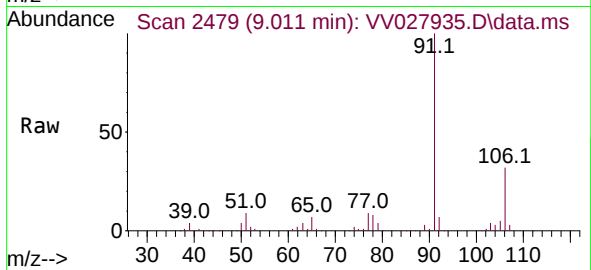
VSTD005296

Tgt Ion: 91 Resp: 204999

Ion Ratio Lower Upper

91 100

106 32.0 22.2 41.2



#53

m,p-Xylene

Concen: 5.159 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV027935.D

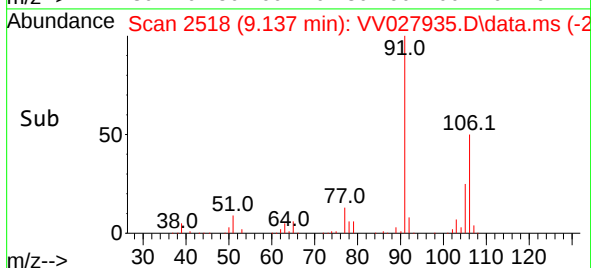
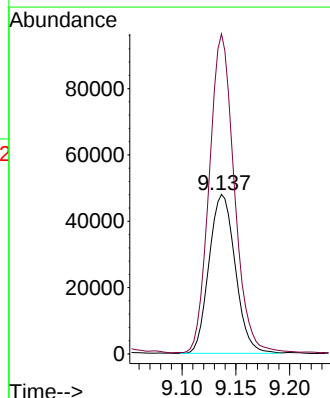
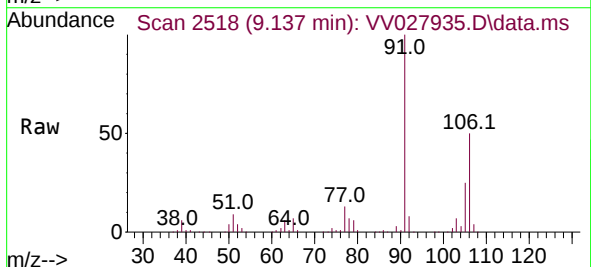
Acq: 19 Sep 2022 18:59

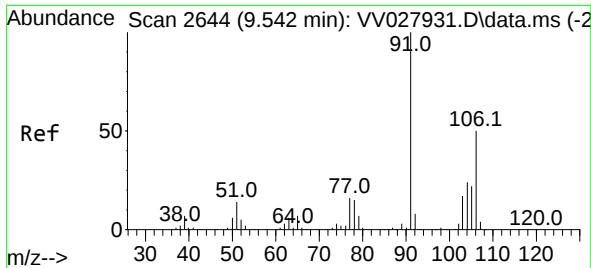
Tgt Ion:106 Resp: 81206

Ion Ratio Lower Upper

106 100

91 200.6 134.7 250.1

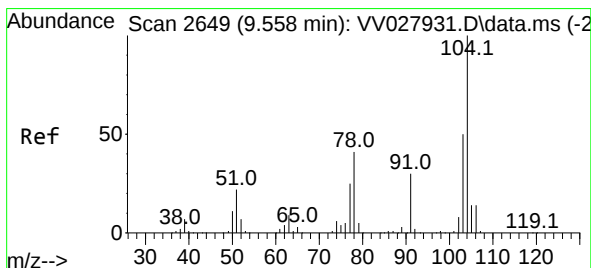
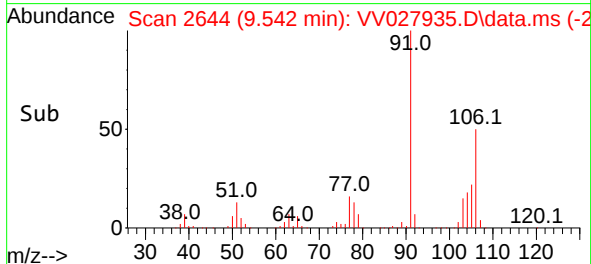
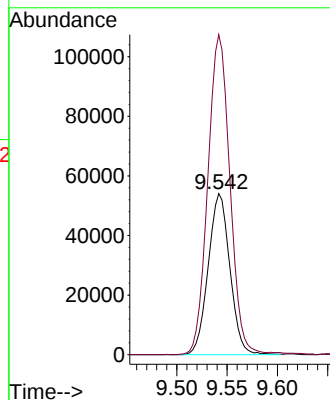
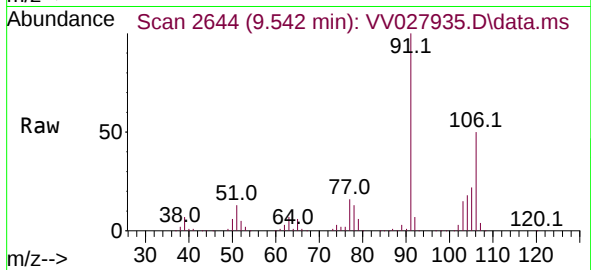




#54
o-Xylene
Concen: 5.174 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027935.D
Acq: 19 Sep 2022 18:59

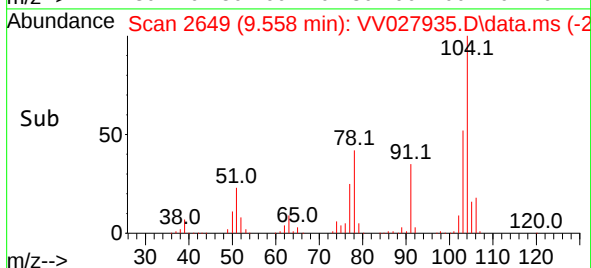
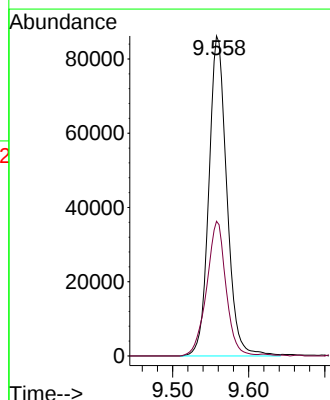
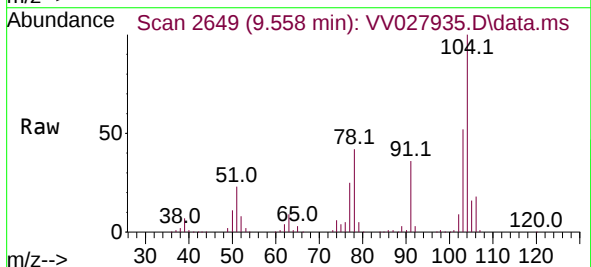
Instrument : MSVOA_V
ClientSampleId : VSTD005296

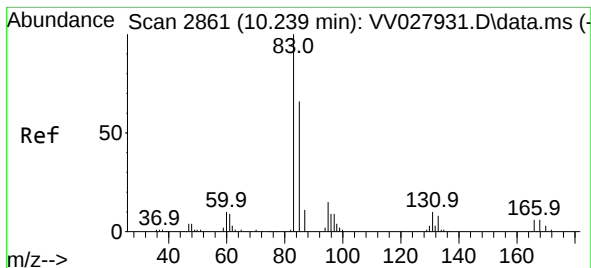
Tgt Ion:106 Resp: 81139
Ion Ratio Lower Upper
106 100
91 198.5 139.4 259.0



#55
Styrene
Concen: 5.206 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027935.D
Acq: 19 Sep 2022 18:59

Tgt Ion:104 Resp: 141420
Ion Ratio Lower Upper
104 100
78 42.1 28.4 52.8

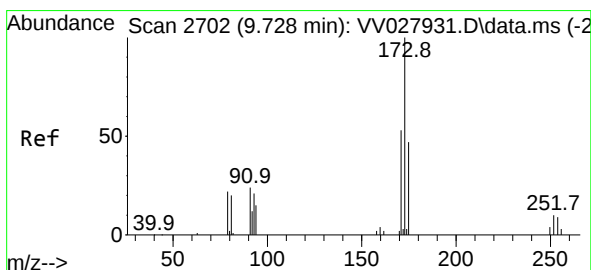
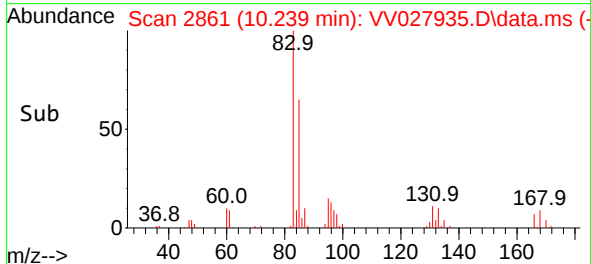
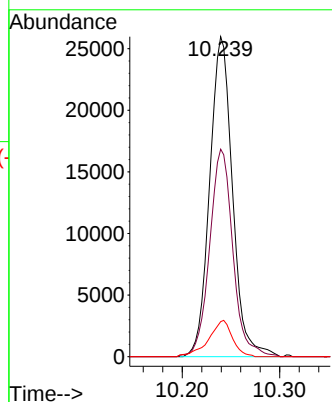
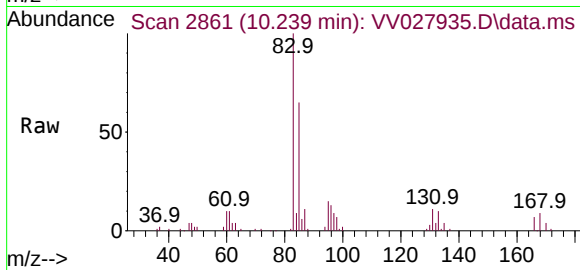




#57
1,1,2,2-Tetrachloroethane
Concen: 4.717 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV027935.D
Acq: 19 Sep 2022 18:59

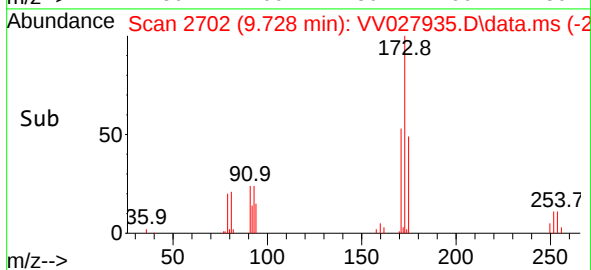
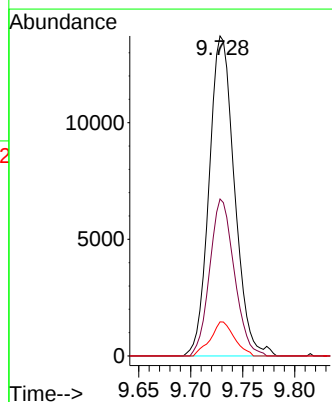
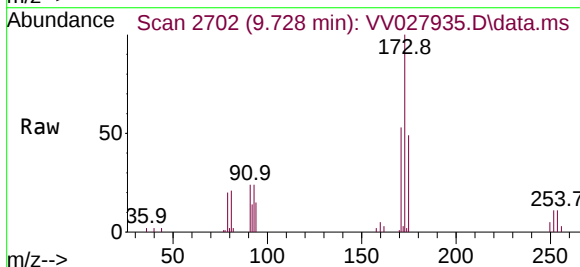
Instrument :
MSVOA_V
ClientSampleId :
VSTD005296

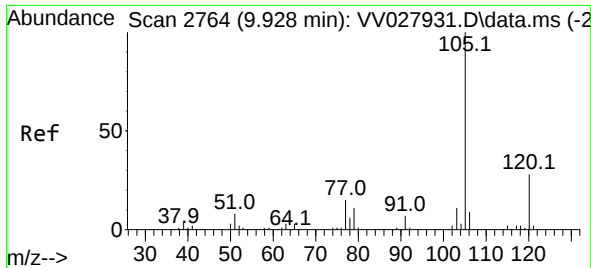
Tgt Ion: 83 Resp: 42236
Ion Ratio Lower Upper
83 100
85 64.8 46.5 86.3
131 10.9 8.3 12.5



#59
Bromoform
Concen: 4.680 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.000 min
Lab File: VV027935.D
Acq: 19 Sep 2022 18:59

Tgt Ion: 173 Resp: 23291
Ion Ratio Lower Upper
173 100
175 47.5 37.5 56.3
254 10.1 7.3 10.9

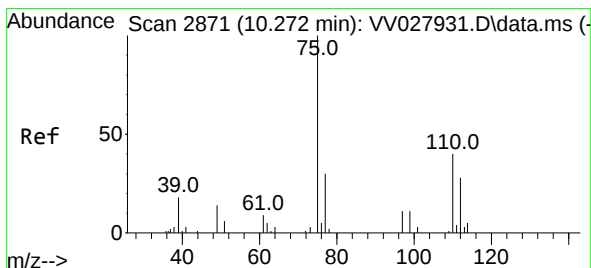
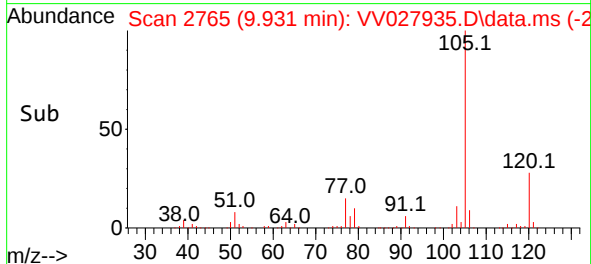
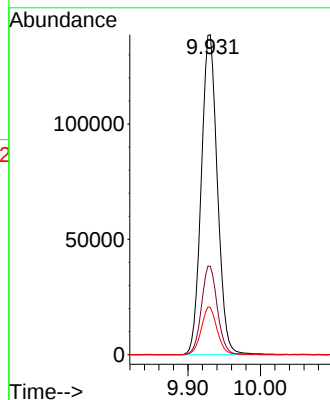
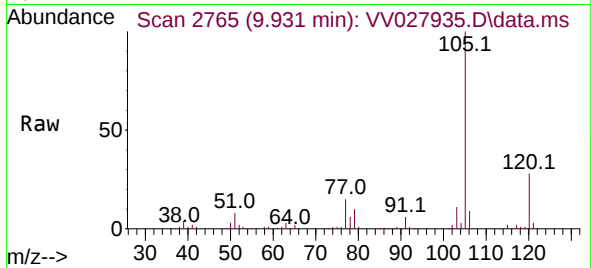




#60
Isopropylbenzene
Concen: 5.098 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027935.D
Acq: 19 Sep 2022 18:59

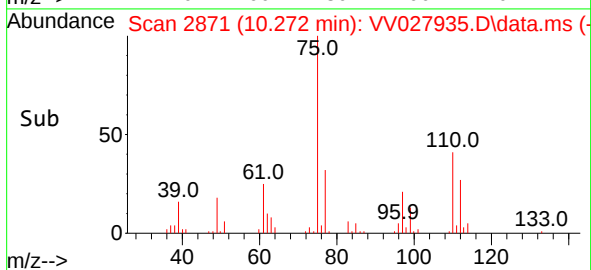
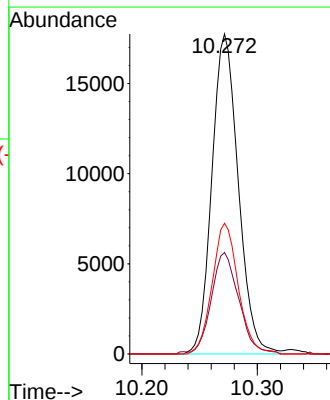
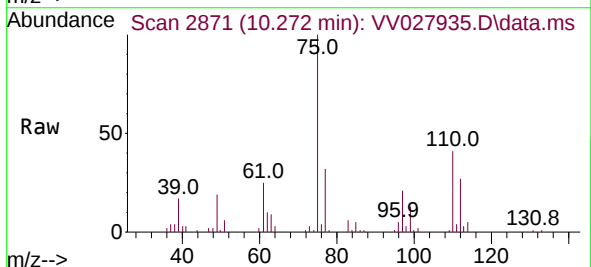
Instrument :
MSVOA_V
ClientSampleId :
VSTD005296

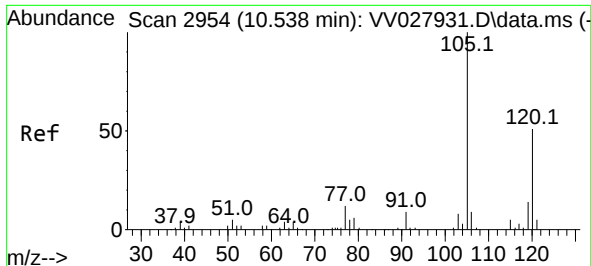
Tgt Ion:105 Resp: 214231
Ion Ratio Lower Upper
105 100
120 27.4 22.3 33.5
77 14.7 11.7 17.5



#61
1,2,3-Trichloropropane
Concen: 5.089 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV027935.D
Acq: 19 Sep 2022 18:59

Tgt Ion: 75 Resp: 28180
Ion Ratio Lower Upper
75 100
77 33.2 26.1 39.1
110 40.3 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 4.819 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV027935.D

Acq: 19 Sep 2022 18:59

Instrument :

MSVOA_V

ClientSampleId :

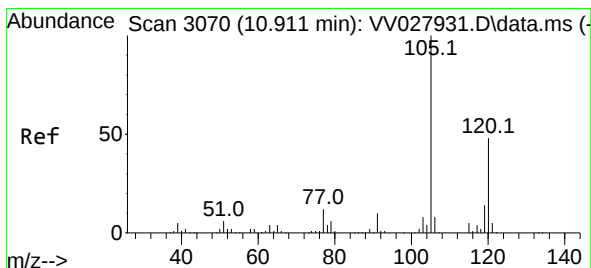
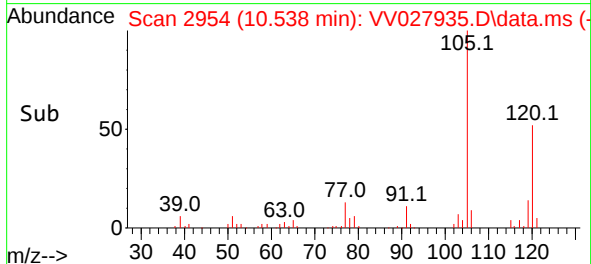
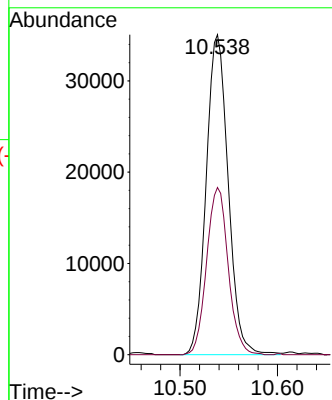
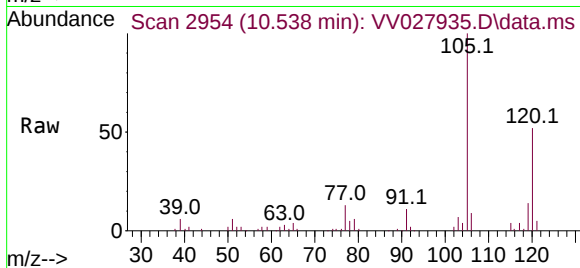
VSTD005296

Tgt Ion:105 Resp: 54829

Ion Ratio Lower Upper

105 100

120 51.3 40.2 60.2



#63

1,2,4-Trimethylbenzene

Concen: 4.917 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV027935.D

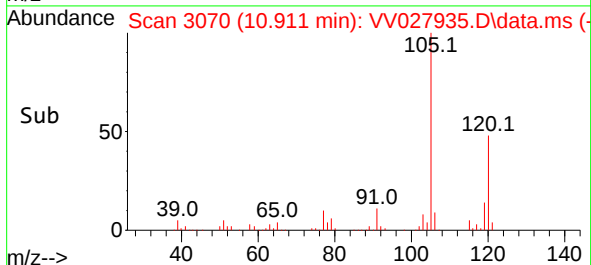
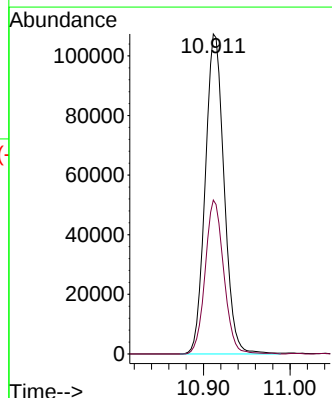
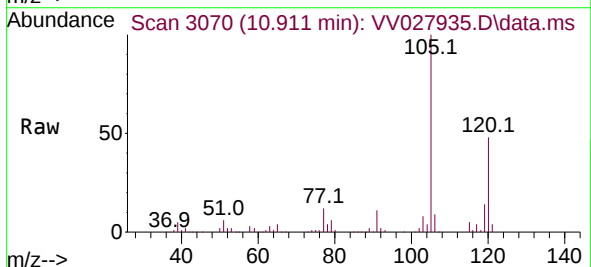
Acq: 19 Sep 2022 18:59

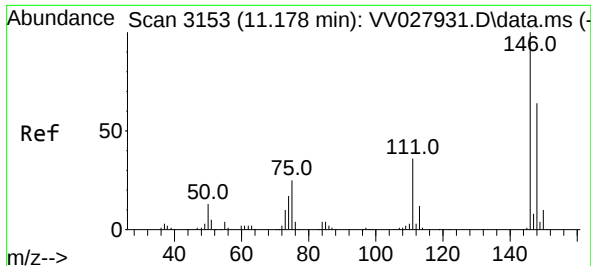
Tgt Ion:105 Resp: 162394

Ion Ratio Lower Upper

105 100

120 47.4 37.9 56.9

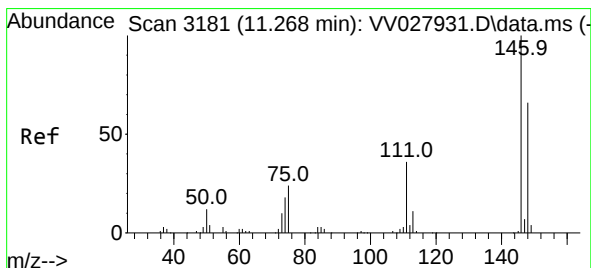
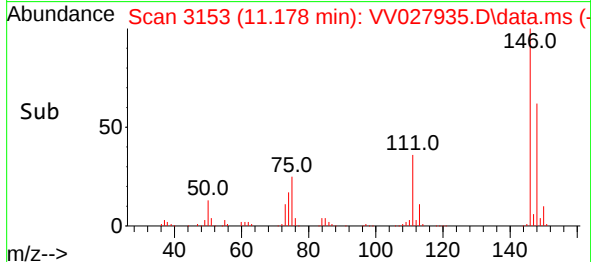
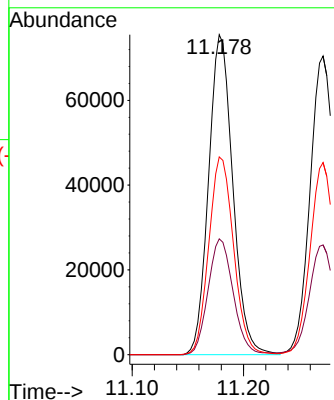
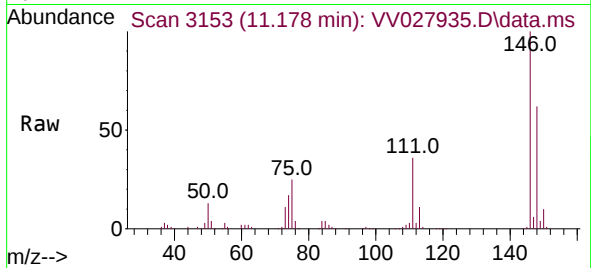




#64
1,3-Dichlorobenzene
Concen: 4.993 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV027935.D
Acq: 19 Sep 2022 18:59

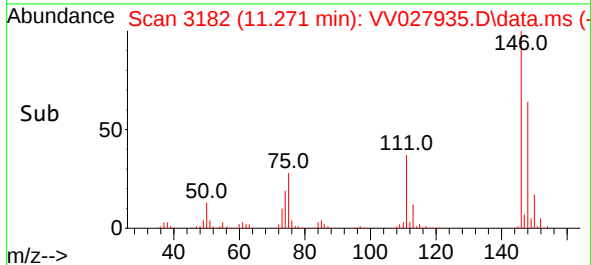
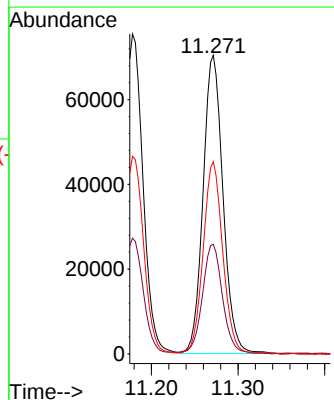
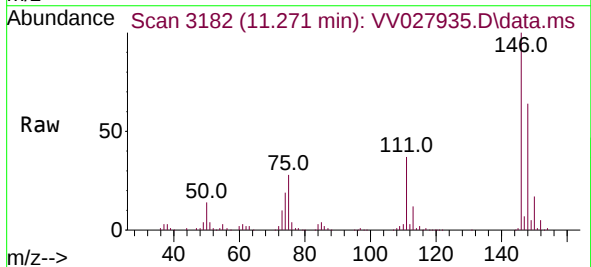
Instrument :
MSVOA_V
ClientSampleId :
VSTD005296

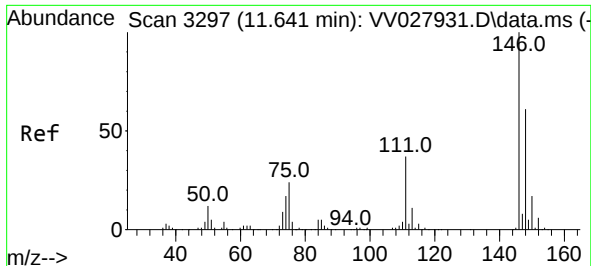
Tgt Ion:146 Resp: 114353
Ion Ratio Lower Upper
146 100
111 36.2 25.3 46.9
148 61.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 4.871 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV027935.D
Acq: 19 Sep 2022 18:59

Tgt Ion:146 Resp: 112609
Ion Ratio Lower Upper
146 100
111 36.8 25.2 46.8
148 64.3 46.2 85.8

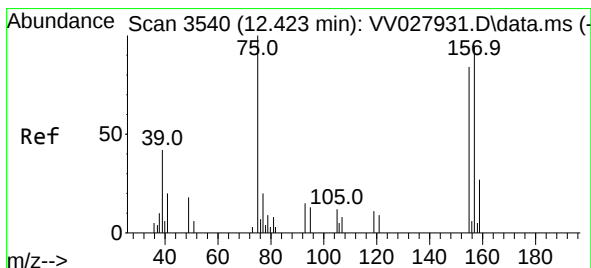
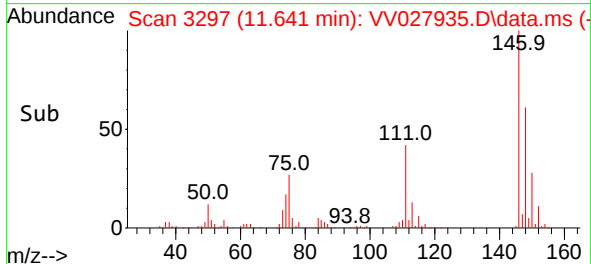
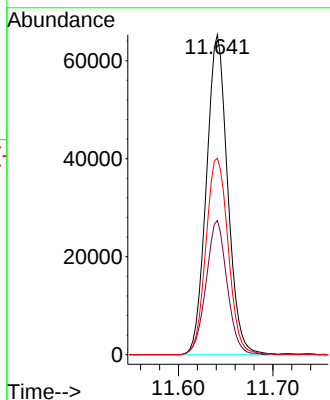
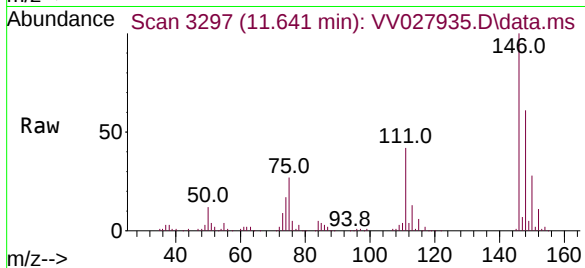




#67
1,2-Dichlorobenzene
Concen: 4.836 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV027935.D
Acq: 19 Sep 2022 18:59

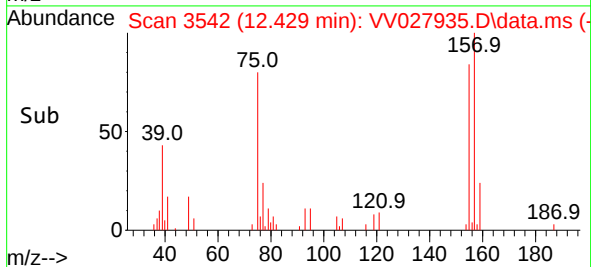
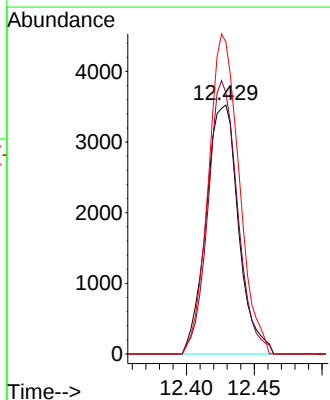
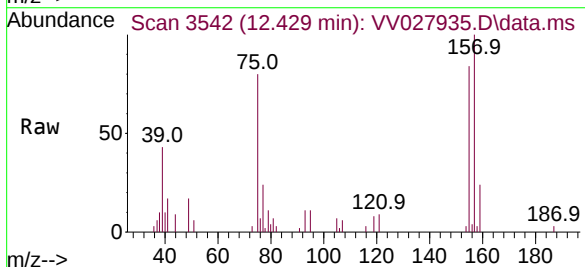
Instrument :
MSVOA_V
ClientSampleId :
VSTD005296

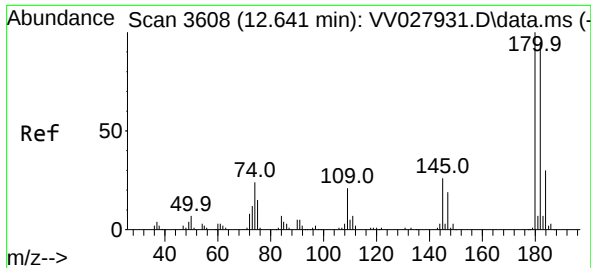
Tgt Ion:146 Resp: 101997
Ion Ratio Lower Upper
146 100
111 42.0 29.7 44.5
148 61.4 48.7 73.1



#68
1,2-Dibromo-3-chloropropane
Concen: 4.668 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.006 min
Lab File: VV027935.D
Acq: 19 Sep 2022 18:59

Tgt Ion: 75 Resp: 5861
Ion Ratio Lower Upper
75 100
155 104.9 67.6 101.4#
157 125.3 75.9 113.9#

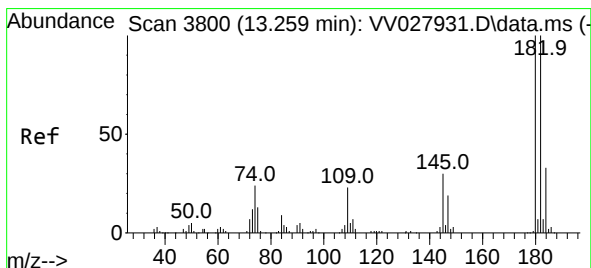
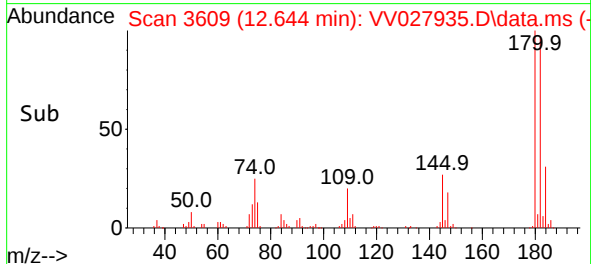
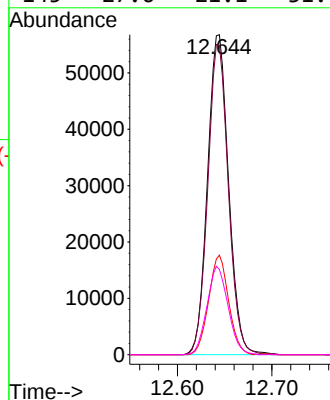
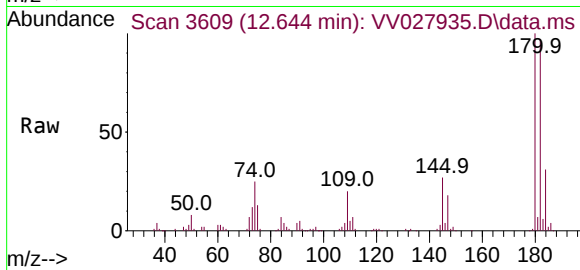




#69
 1,3,5-Trichlorobenzene
 Concen: 4.813 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV027935.D
 Acq: 19 Sep 2022 18:59

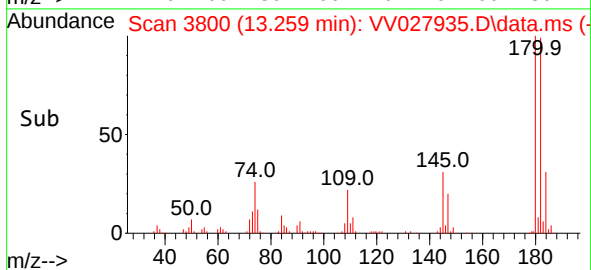
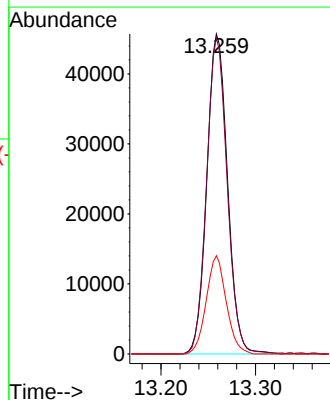
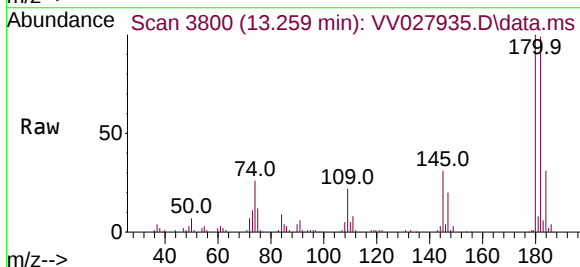
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005296

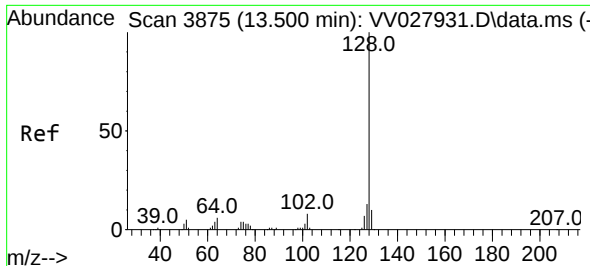
Tgt Ion:180	Resp:	87936
Ion Ratio	Lower	Upper
180	100	
182	94.6	76.7 115.1
184	29.6	24.6 37.0
145	27.6	21.1 31.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.774 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV027935.D
 Acq: 19 Sep 2022 18:59

Tgt Ion:180	Resp:	69499
Ion Ratio	Lower	Upper
180	100	
182	98.3	76.7 115.1
145	29.8	23.0 34.4

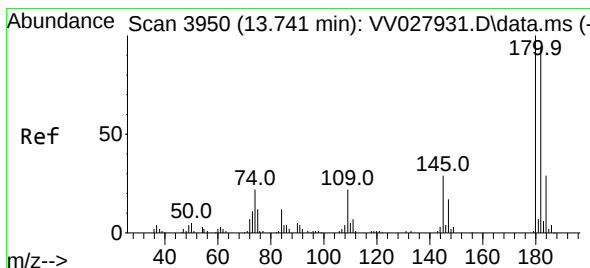
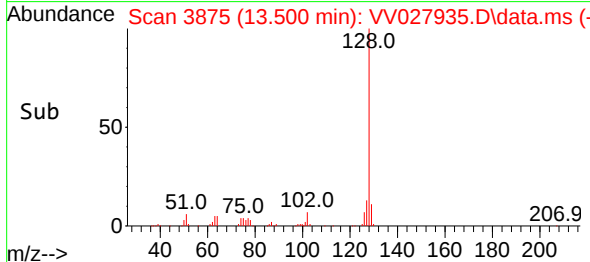
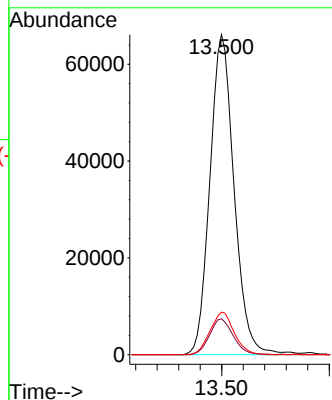
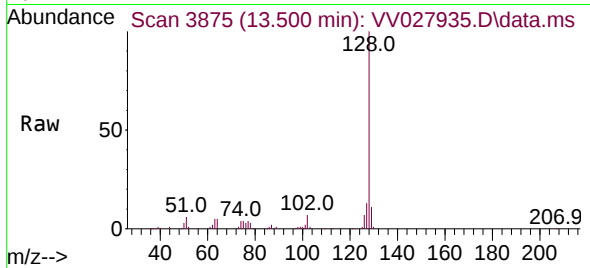




#71
Naphthalene
Concen: 4.828 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV027935.D
Acq: 19 Sep 2022 18:59

Instrument :
MSVOA_V
ClientSampleId :
VSTD005296

Tgt Ion:128 Resp: 102906
Ion Ratio Lower Upper
128 100
129 10.9 8.2 12.2
127 13.3 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.901 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027935.D
Acq: 19 Sep 2022 18:59

Tgt Ion:180 Resp: 63737
Ion Ratio Lower Upper
180 100
182 96.9 74.2 111.2
145 29.6 23.9 35.9

