

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091522\
 Data File : VW027869.D
 Acq On : 15 Sep 2022 21:08
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005291

Quant Time: Sep 16 01:43:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 16 01:29:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	128011	5.000	ug/L	0.03
28) Chlorobenzene-d5	8.850	117	125313	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71887	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	30039	3.560	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.200%
7) Chloroethane-d5	1.568	69	32718	4.571	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.108	63	65546	3.661	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	3.892	46	75847	40.559	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.120%
24) Chloroform-d	4.346	84	87897	5.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.030	65	43762	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.047	84	154754	4.257	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.069	67	42906	4.031	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.313	98	141838	4.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.622	79	15849	4.438	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.088	63	64224	48.386	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.780%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32424	4.744	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	52827	4.473	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	63488	5.052	ug/L	97
3) Chloromethane	1.240	50	49374	4.315	ug/L	99
5) Vinyl chloride	1.310	62	53059	4.604	ug/L	96
6) Bromomethane	1.523	94	32342	5.210	ug/L	92
8) Chloroethane	1.584	64	33812	5.109	ug/L	96
9) Trichlorofluoromethane	1.751	101	93030	4.982	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	42846	4.707	ug/L	92
12) 1,1-Dichloroethene	2.117	96	40763	4.805	ug/L	79
13) Acetone	2.178	43	48716	34.963	ug/L	85
14) Carbon disulfide	2.291	76	112050	4.448	ug/L	99
15) Methyl Acetate	2.436	43	12548	3.395	ug/L #	85
16) Methylene chloride	2.506	84	67073	6.139	ug/L	90
17) Methyl tert-butyl Ether	2.767	73	102760	5.103	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	46814	5.225	ug/L	89
19) 1,1-Dichloroethane	3.188	63	88519	5.265	ug/L	99
21) 2-Butanone	3.976	43	78562	39.943	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	51316	5.255	ug/L #	85
23) Bromochloromethane	4.246	128	23639	5.765	ug/L #	78
25) Chloroform	4.371	83	101603	5.447	ug/L	100

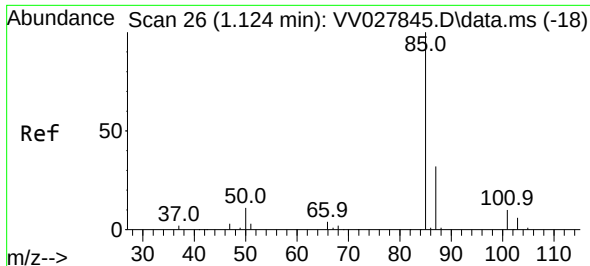
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	56385	4.985	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	96471	5.005	ug/L	96
30) Cyclohexane	4.677	56	60809	3.839	ug/L	92
31) Carbon tetrachloride	4.825	117	83822	5.119	ug/L	99
33) Benzene	5.098	78	194749	4.705	ug/L	100
34) Trichloroethene	5.911	95	50930	4.917	ug/L	94
35) Methylcyclohexane	6.127	83	70863	4.454	ug/L	95
37) 1,2-Dichloropropane	6.169	63	44805	4.562	ug/L	97
38) Bromodichloromethane	6.506	83	66982	5.144	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	61674	4.974	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	213506	47.963	ug/L	95
42) Toluene	7.384	91	217692	5.430	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	53997	5.189	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	34294	5.389	ug/L	95
47) Tetrachloroethene	7.972	164	43118	5.187	ug/L	97
48) 2-Hexanone	8.140	43	164094	50.705	ug/L	94
49) Dibromochloromethane	8.243	129	43059	5.330	ug/L	99
50) 1,2-Dibromoethane	8.352	107	31016	5.390	ug/L	100
51) Chlorobenzene	8.879	112	139468	5.361	ug/L	98
52) Ethylbenzene	9.011	91	221534	5.328	ug/L	100
53) m,p-Xylene	9.136	106	90617	5.541	ug/L	97
54) o-Xylene	9.541	106	87675	5.624	ug/L	97
55) Styrene	9.558	104	151149	5.607	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	36017	5.050	ug/L	100
59) Bromoform	9.728	173	22997	5.285	ug/L	99
60) Isopropylbenzene	9.927	105	236336	5.255	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	27771	4.878	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	66063	5.216	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	183414	5.094	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	117895	5.177	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	115414	5.029	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	107407	5.194	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5908	4.835	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	91123	5.281	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	67221	4.928	ug/L	100
71) Naphthalene	13.500	128	87636	4.090	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	59221	4.873	ug/L	99

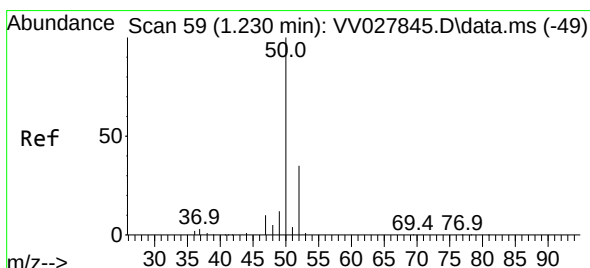
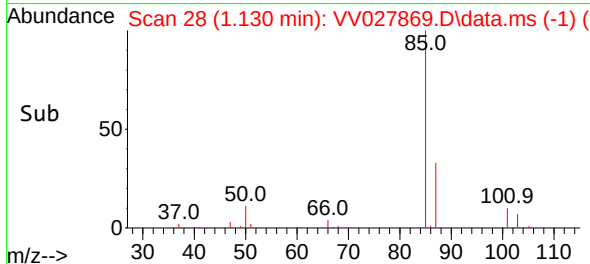
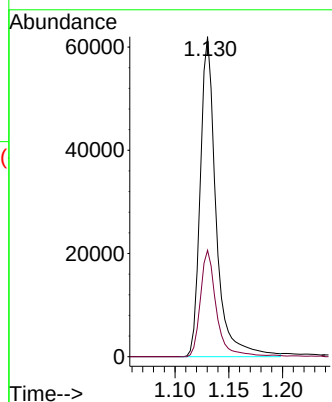
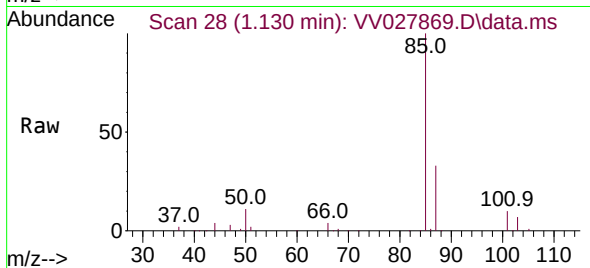
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.052 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV027869.D
 Acq: 15 Sep 2022 21:08

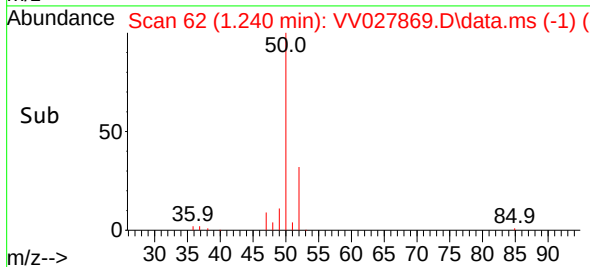
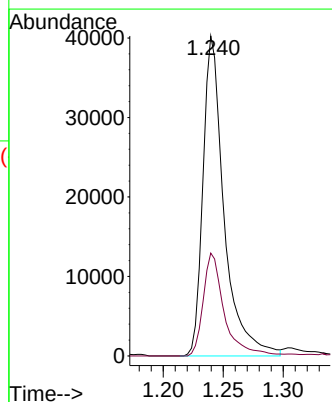
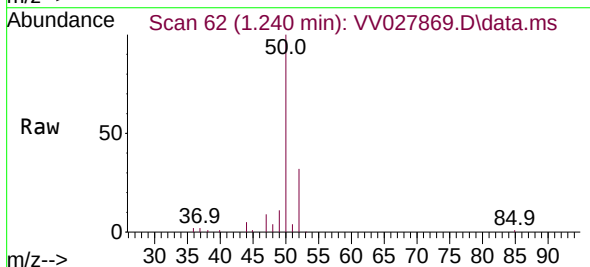
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005291

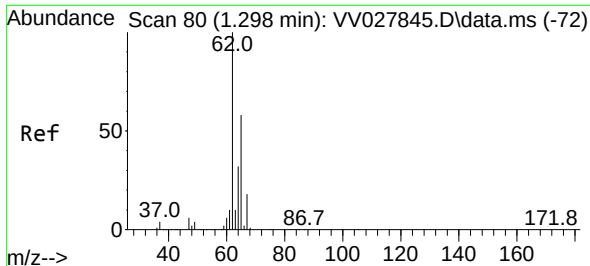
Tgt Ion: 85 Resp: 63488
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.4 38.0



#3
 Chloromethane
 Concen: 4.315 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.010 min
 Lab File: VV027869.D
 Acq: 15 Sep 2022 21:08

Tgt Ion: 50 Resp: 49374
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.1 41.1

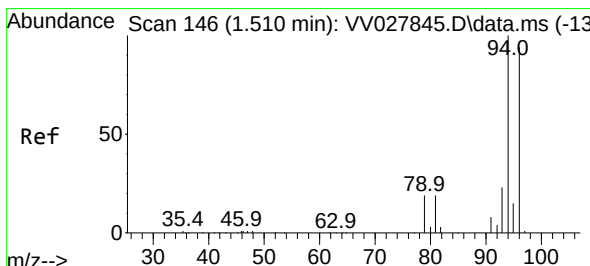
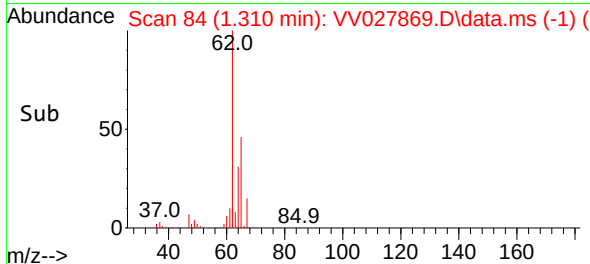
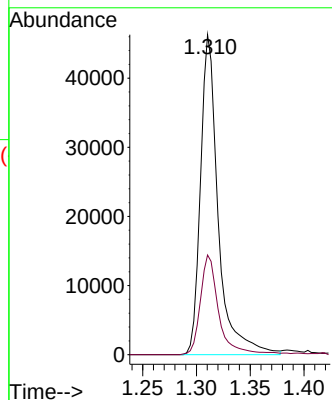
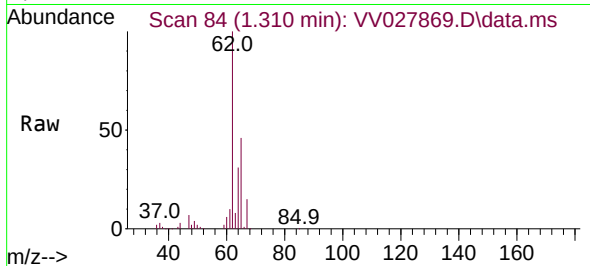




#5
 Vinyl chloride
 Concen: 4.604 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.013 min
 Lab File: VV027869.D
 Acq: 15 Sep 2022 21:08

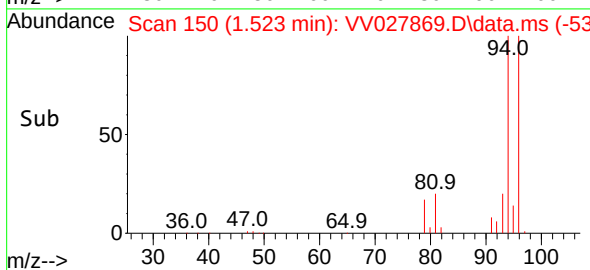
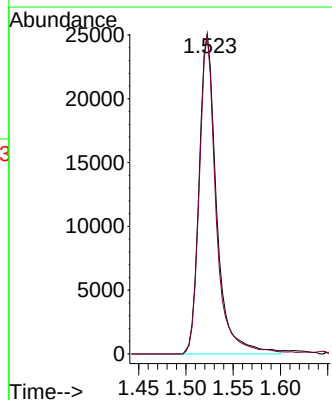
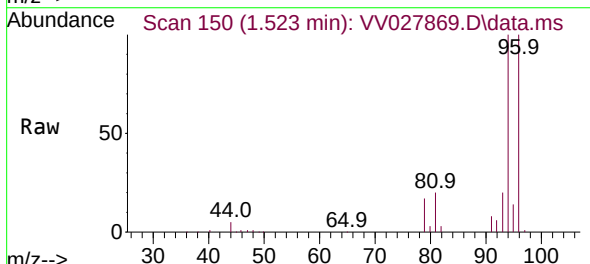
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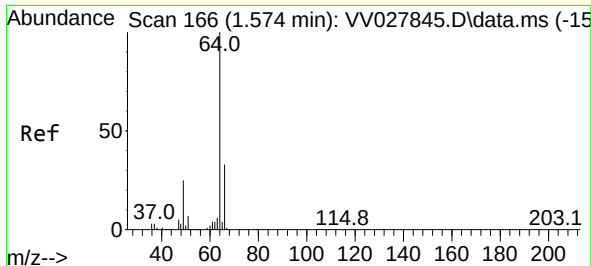
Tgt Ion: 62 Resp: 53059
 Ion Ratio Lower Upper
 62 100
 64 31.1 23.2 43.2



#6
 Bromomethane
 Concen: 5.210 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.013 min
 Lab File: VV027869.D
 Acq: 15 Sep 2022 21:08

Tgt Ion: 94 Resp: 32342
 Ion Ratio Lower Upper
 94 100
 96 99.6 64.2 119.2

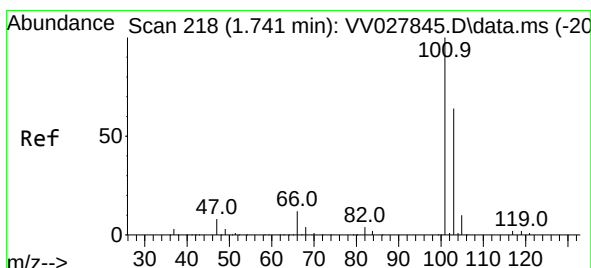
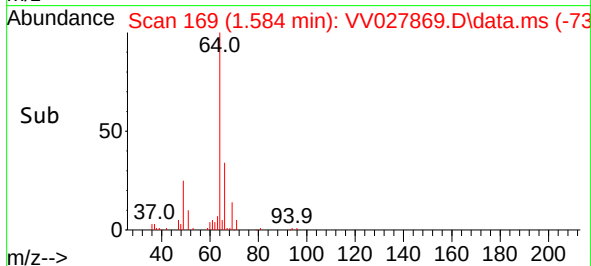
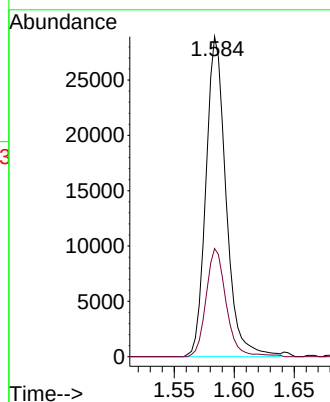
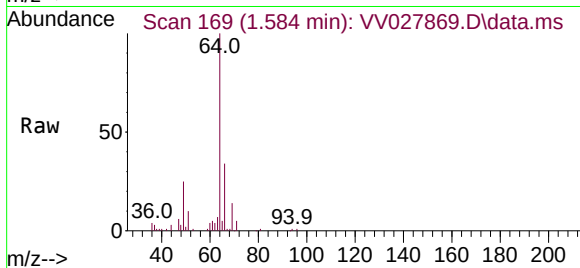




#8
Chloroethane
Concen: 5.109 ug/L
RT: 1.584 min Scan# 10
Delta R.T. 0.010 min
Lab File: VV027869.D
Acq: 15 Sep 2022 21:08

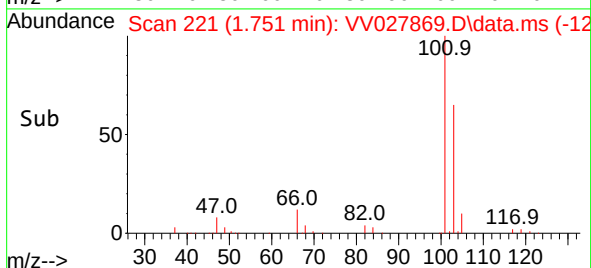
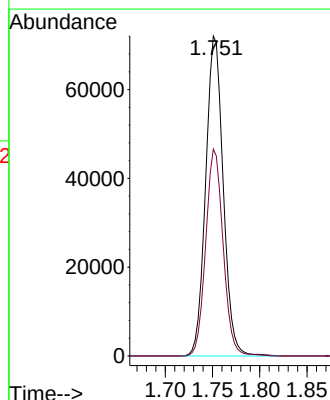
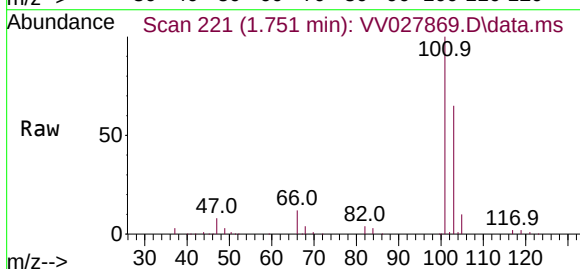
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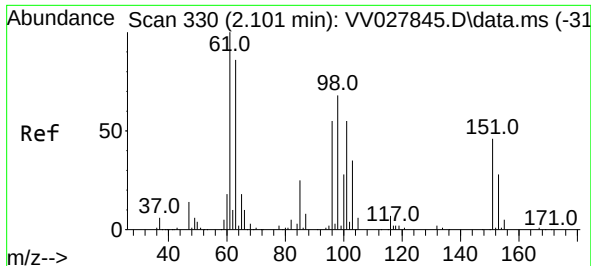
Tgt Ion: 64 Resp: 33812
Ion Ratio Lower Upper
64 100
66 33.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.982 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.010 min
Lab File: VV027869.D
Acq: 15 Sep 2022 21:08

Tgt Ion: 101 Resp: 93030
Ion Ratio Lower Upper
101 100
103 64.1 52.3 78.5

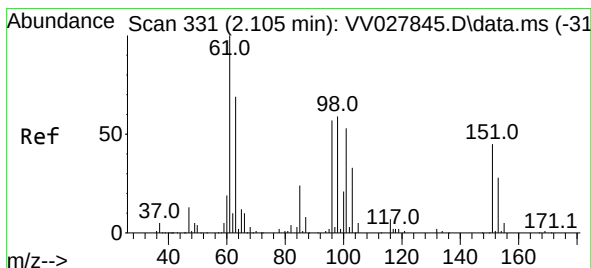
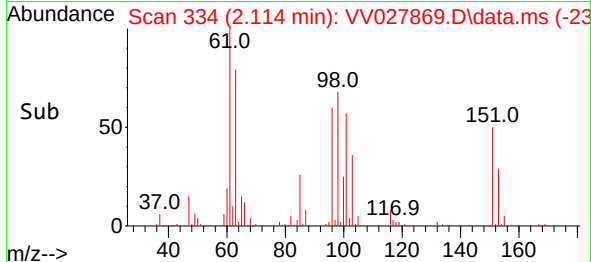
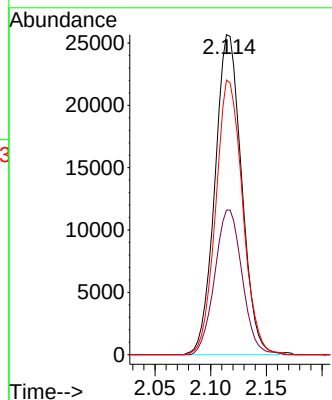
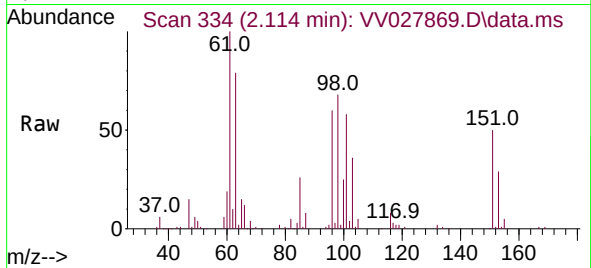




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.707 ug/L
 RT: 2.114 min Scan# 31
 Delta R.T. 0.013 min
 Lab File: VV027869.D
 Acq: 15 Sep 2022 21:08

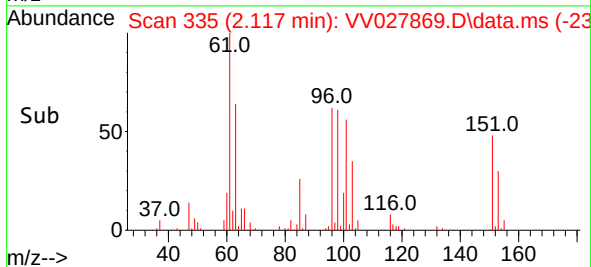
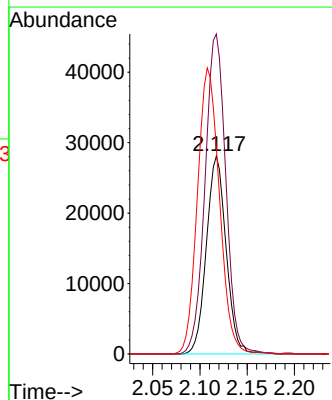
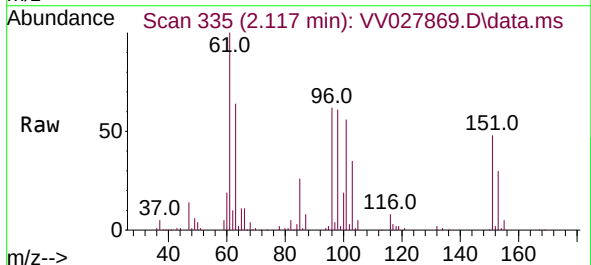
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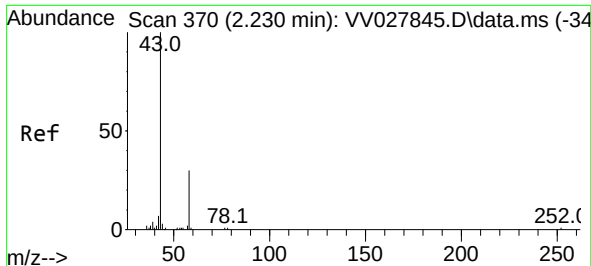
Tgt Ion: 101 Resp: 42846
 Ion Ratio Lower Upper
 101 100
 85 46.4 35.8 53.8
 151 86.5 61.2 91.8



#12
 1,1-Dichloroethene
 Concen: 4.805 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.013 min
 Lab File: VV027869.D
 Acq: 15 Sep 2022 21:08

Tgt Ion: 96 Resp: 40763
 Ion Ratio Lower Upper
 96 100
 61 161.7 129.9 241.3
 63 104.1 94.6 175.8

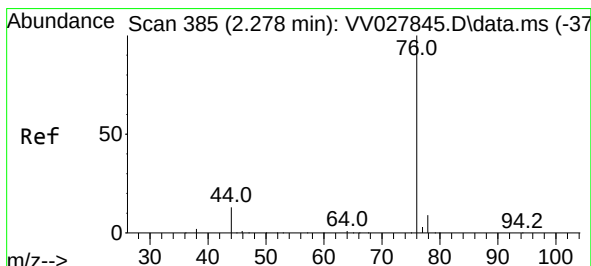
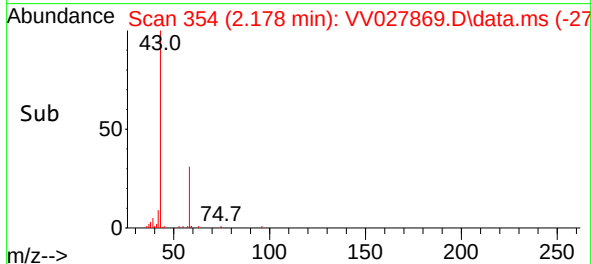
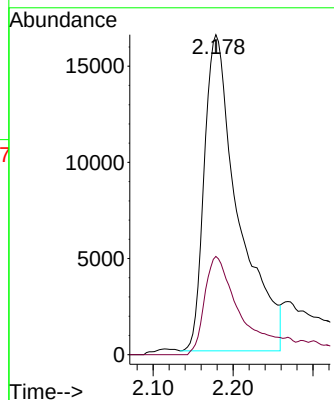
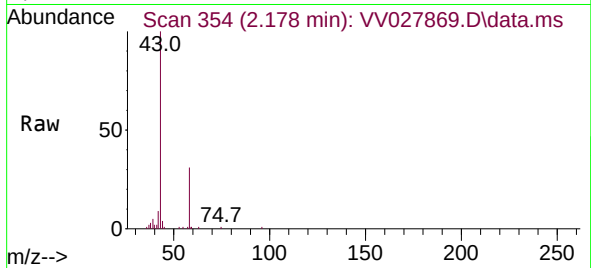




#13
Acetone
Concen: 34.963 ug/L
RT: 2.178 min Scan# 311
Delta R.T. -0.052 min
Lab File: VV027869.D
Acq: 15 Sep 2022 21:08

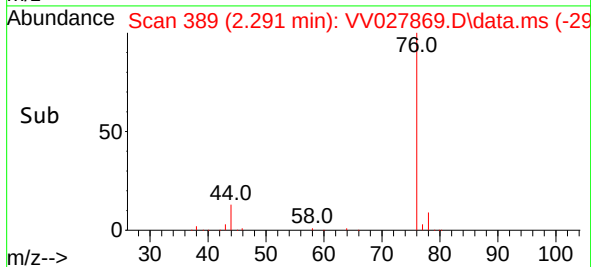
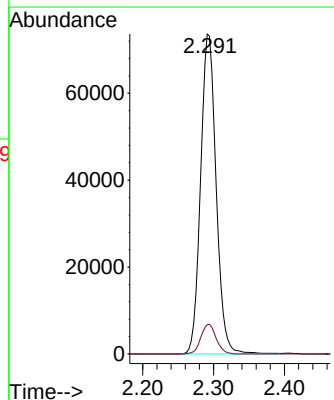
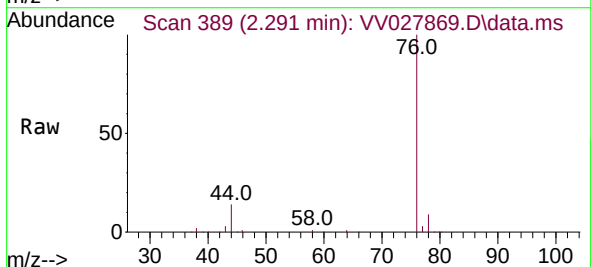
Instrument :
MSVOA_V
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VSTD005291

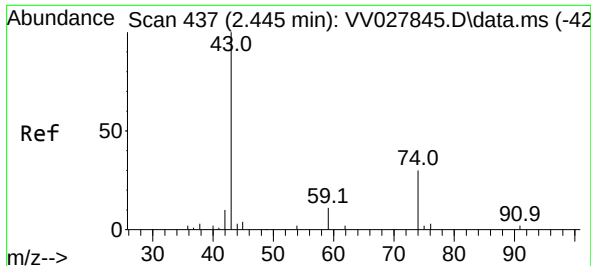
Tgt Ion: 43 Resp: 48716
Ion Ratio Lower Upper
43 100
58 32.1 0.0 49.4



#14
Carbon disulfide
Concen: 4.448 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.013 min
Lab File: VV027869.D
Acq: 15 Sep 2022 21:08

Tgt Ion: 76 Resp: 112050
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5

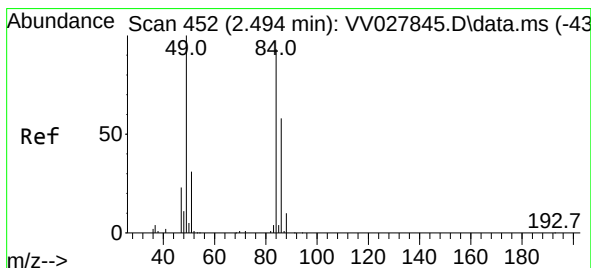
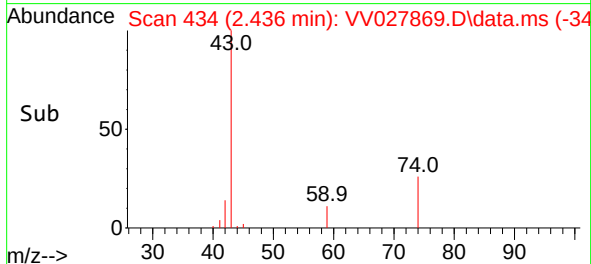
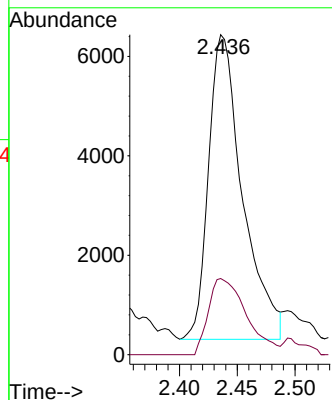
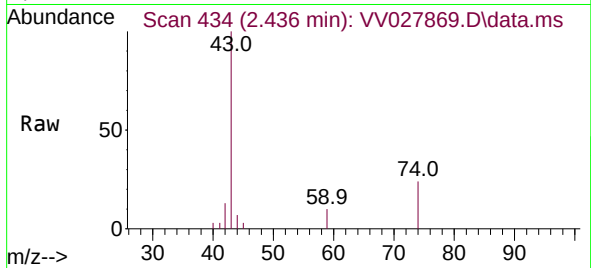




#15
Methyl Acetate
Concen: 3.395 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.010 min
Lab File: VV027869.D
Acq: 15 Sep 2022 21:08

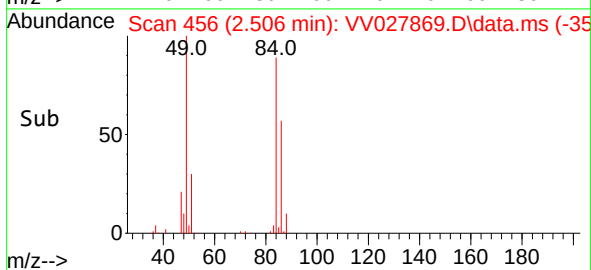
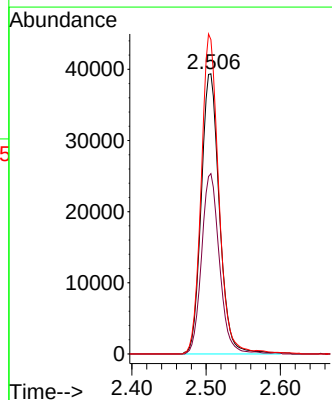
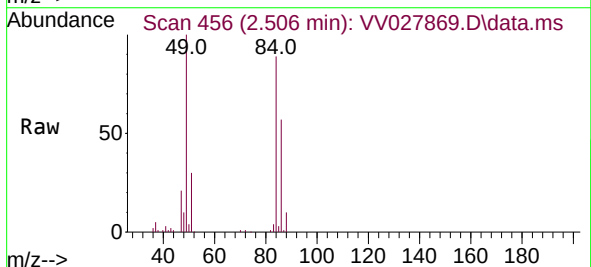
Instrument :
MSVOA_V
ClientSampleId :
VSTD005291

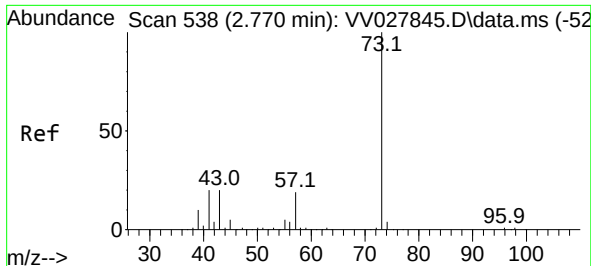
Tgt Ion: 43 Resp: 12548
Ion Ratio Lower Upper
43 100
74 28.0 16.6 25.0#



#16
Methylene chloride
Concen: 6.139 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.013 min
Lab File: VV027869.D
Acq: 15 Sep 2022 21:08

Tgt Ion: 84 Resp: 67073
Ion Ratio Lower Upper
84 100
86 64.3 44.9 83.3
49 112.2 90.1 167.3

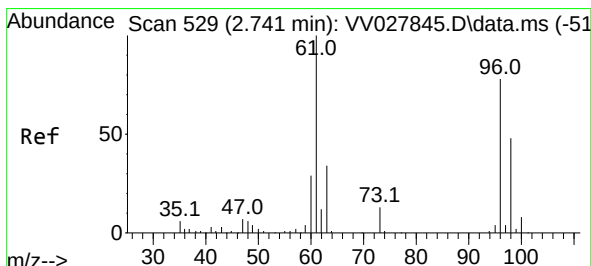
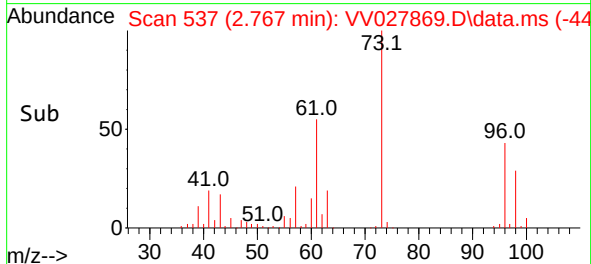
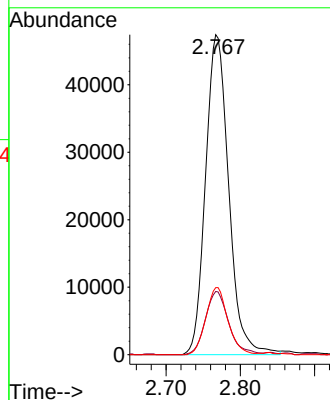
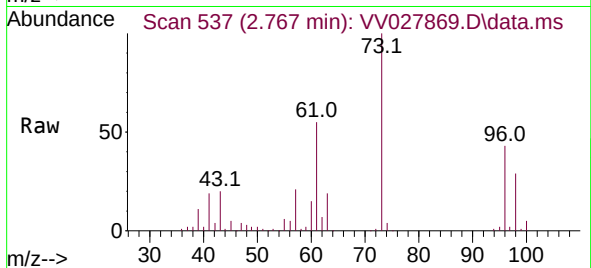




#17
Methyl tert-butyl Ether
Concen: 5.103 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV027869.D
Acq: 15 Sep 2022 21:08

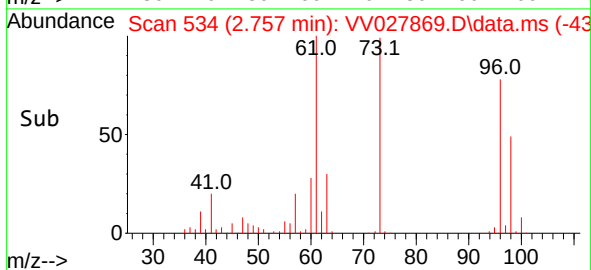
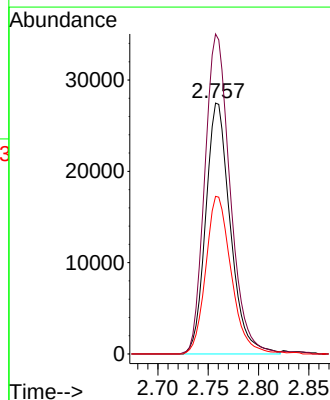
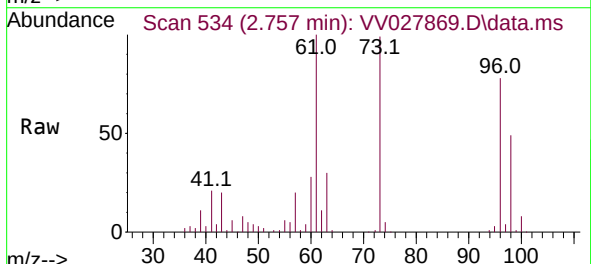
Instrument :
MSVOA_V
ClientSampleId :
VSTD005291

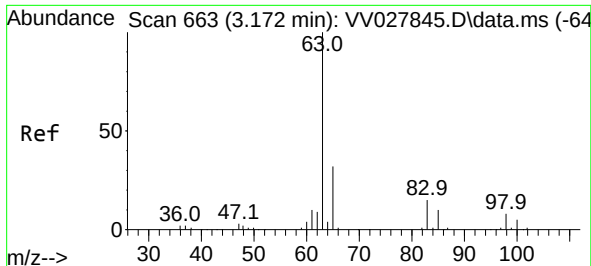
Tgt Ion: 73 Resp: 102760
Ion Ratio Lower Upper
73 100
43 20.0 17.5 26.3
57 19.9 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 5.225 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.016 min
Lab File: VV027869.D
Acq: 15 Sep 2022 21:08

Tgt Ion: 96 Resp: 46814
Ion Ratio Lower Upper
96 100
61 127.5 102.6 190.5
98 62.8 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.265 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.016 min

Lab File: VV027869.D

Acq: 15 Sep 2022 21:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005291

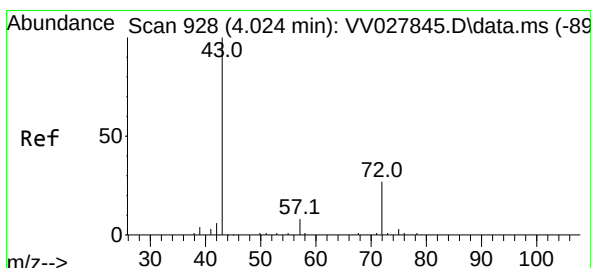
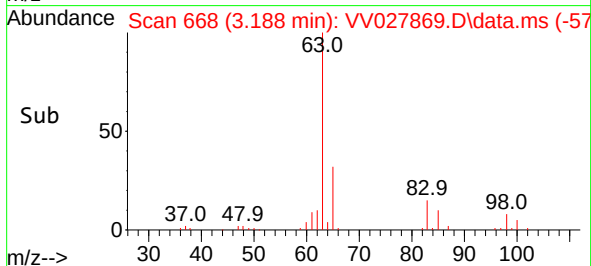
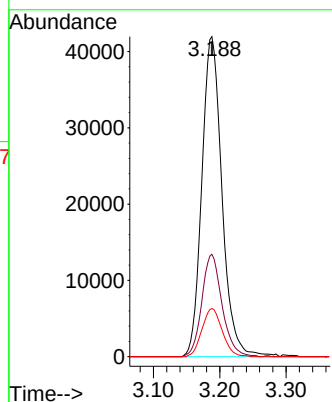
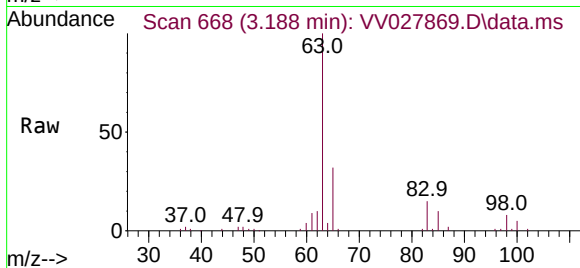
Tgt Ion: 63 Resp: 88519

Ion Ratio Lower Upper

63 100

65 32.0 22.0 41.0

83 15.0 10.1 18.9



#21

2-Butanone

Concen: 39.943 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.048 min

Lab File: VV027869.D

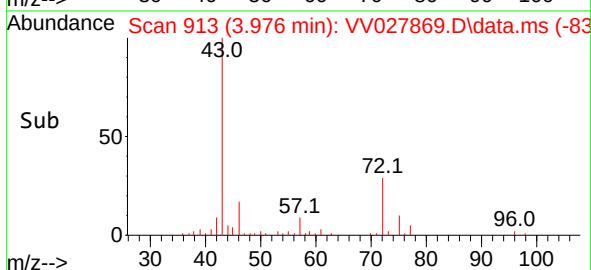
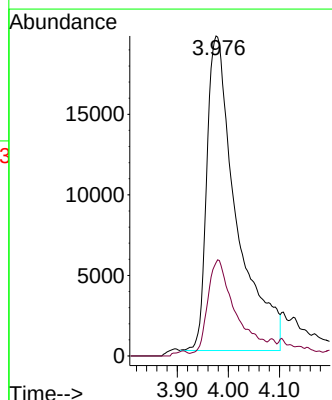
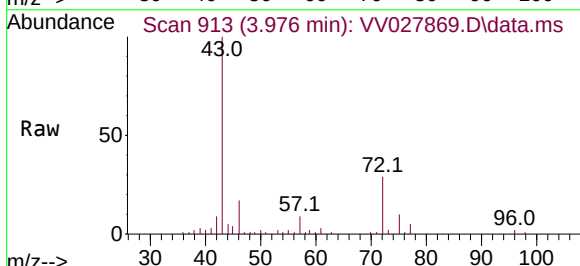
Acq: 15 Sep 2022 21:08

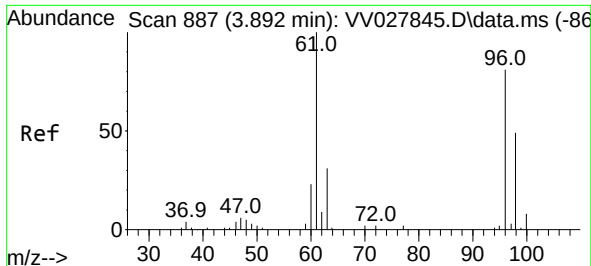
Tgt Ion: 43 Resp: 78562

Ion Ratio Lower Upper

43 100

72 27.7 13.0 39.0

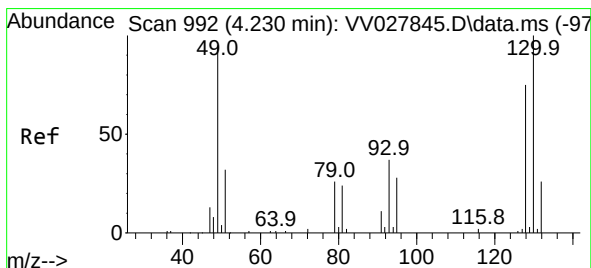
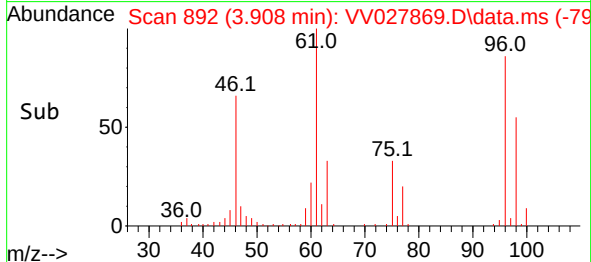
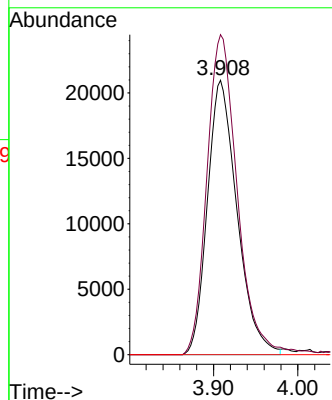
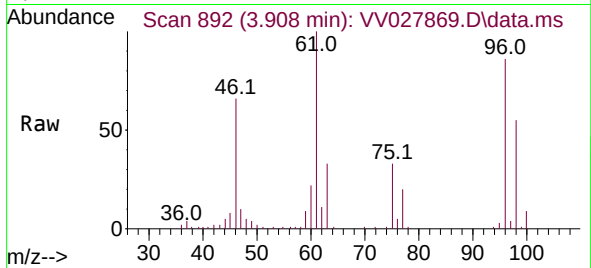




#22
 cis-1,2-Dichloroethene
 Concen: 5.255 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.016 min
 Lab File: VV027869.D
 Acq: 15 Sep 2022 21:08

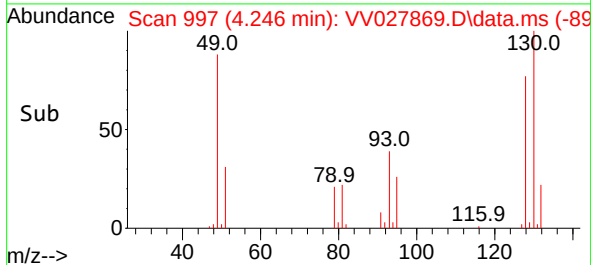
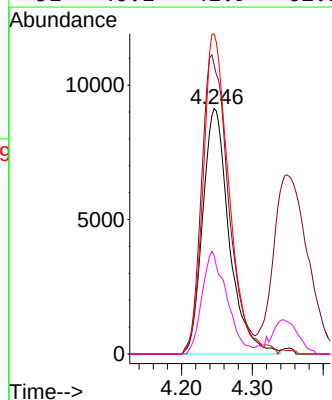
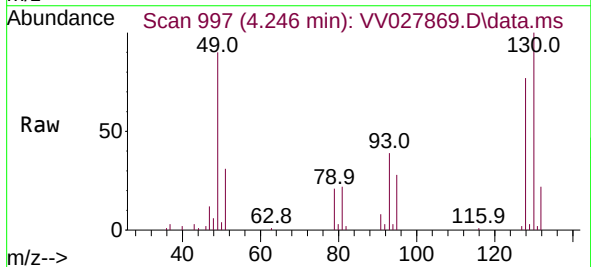
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005291

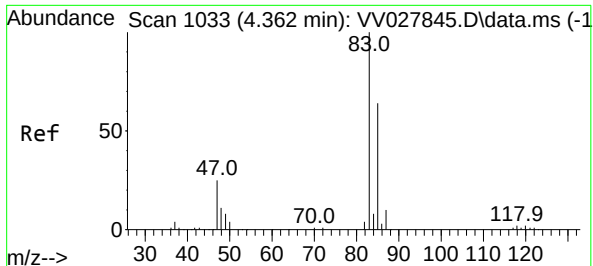
Tgt Ion: 96 Resp: 51316
 Ion Ratio Lower Upper
 96 100
 61 116.6 94.6 175.6
 68 0.0 0.3 0.5#



#23
 Bromochloromethane
 Concen: 5.765 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.016 min
 Lab File: VV027869.D
 Acq: 15 Sep 2022 21:08

Tgt Ion: 128 Resp: 23639
 Ion Ratio Lower Upper
 128 100
 49 117.8 118.4 219.8#
 130 130.4 89.2 165.6
 51 40.1 41.9 62.9#





#25

Chloroform

Concen: 5.447 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.010 min

Lab File: VV027869.D

Acq: 15 Sep 2022 21:08

Instrument :

MSVOA_V

ClientSampleId :

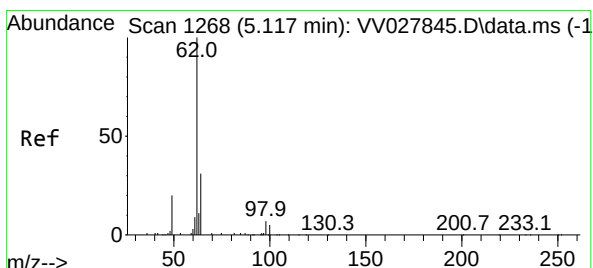
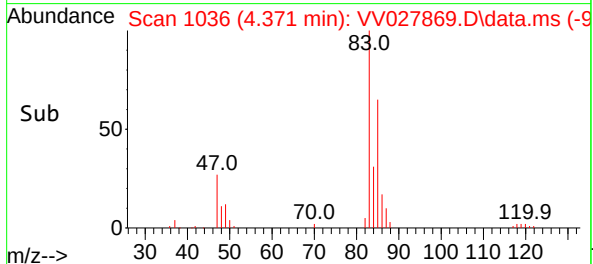
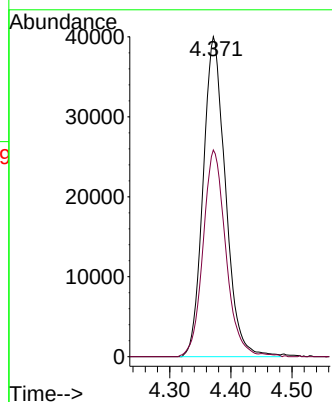
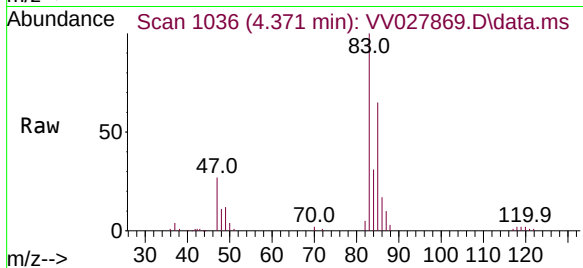
VSTD005291

Tgt Ion: 83 Resp: 101603

Ion Ratio Lower Upper

83 100

85 64.6 45.4 84.2



#27

1,2-Dichloroethane

Concen: 4.985 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.010 min

Lab File: VV027869.D

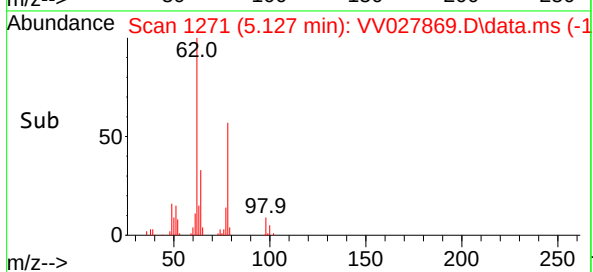
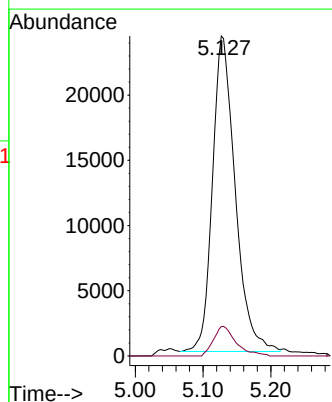
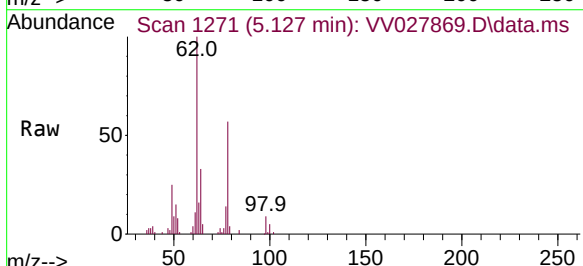
Acq: 15 Sep 2022 21:08

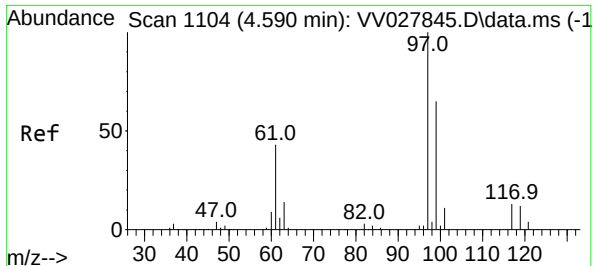
Tgt Ion: 62 Resp: 56385

Ion Ratio Lower Upper

62 100

98 9.2 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 5.005 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.016 min

Lab File: VV027869.D

Acq: 15 Sep 2022 21:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005291

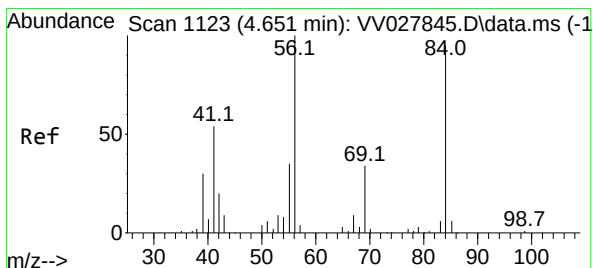
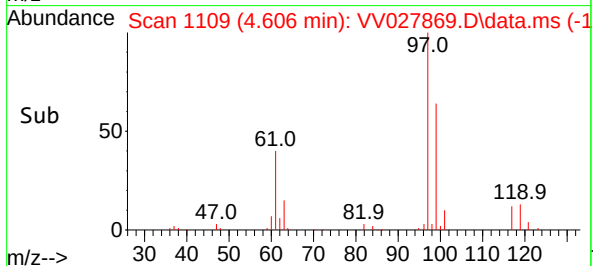
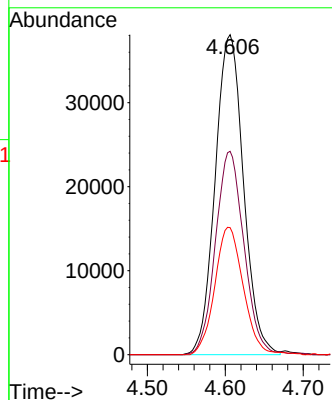
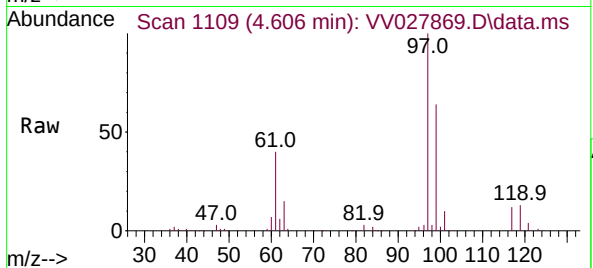
Tgt Ion: 97 Resp: 96471

Ion Ratio Lower Upper

97 100

99 63.8 50.8 76.2

61 40.1 36.2 54.4



#30

Cyclohexane

Concen: 3.839 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.026 min

Lab File: VV027869.D

Acq: 15 Sep 2022 21:08

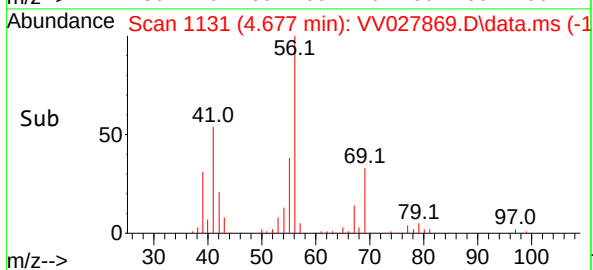
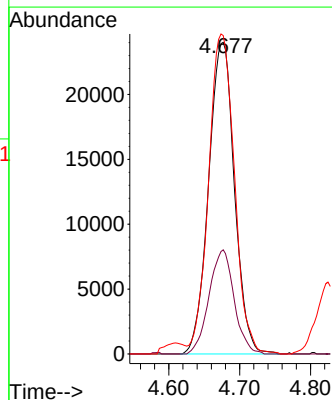
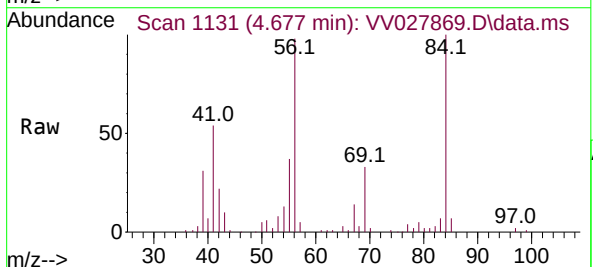
Tgt Ion: 56 Resp: 60809

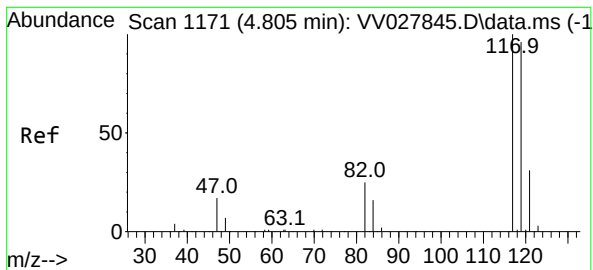
Ion Ratio Lower Upper

56 100

69 32.4 25.4 38.2

84 102.6 73.8 110.8

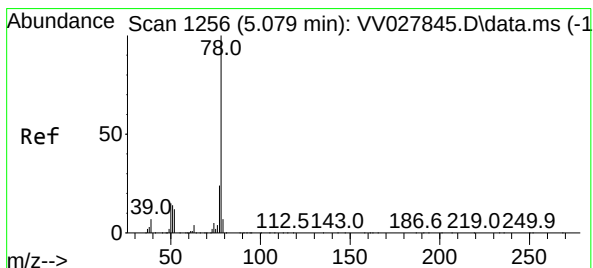
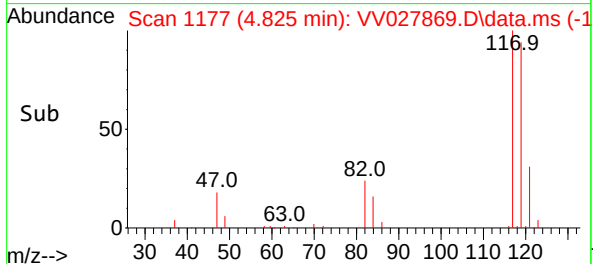
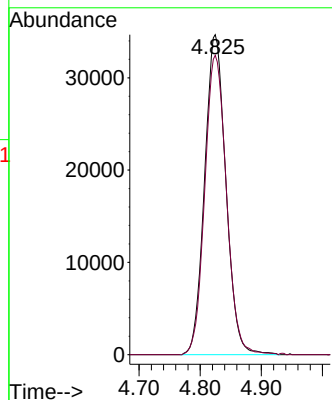
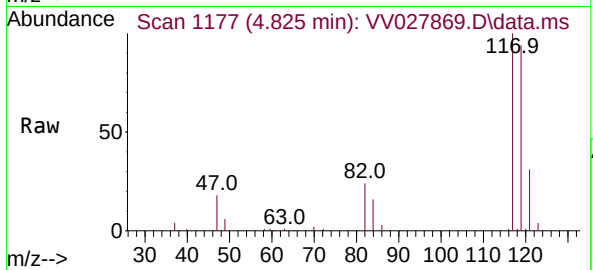




#31
Carbon tetrachloride
Concen: 5.119 ug/L
RT: 4.825 min Scan# 1171
Delta R.T. 0.019 min
Lab File: VV027869.D
Acq: 15 Sep 2022 21:08

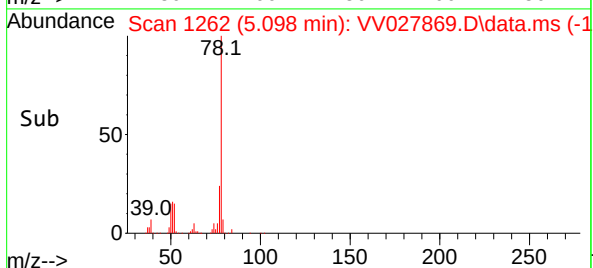
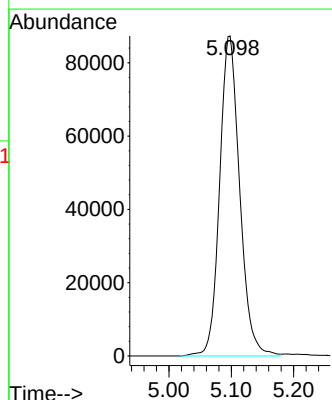
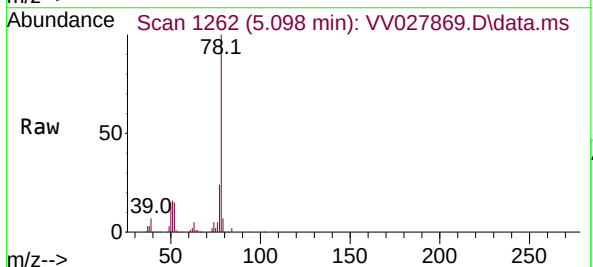
Instrument :
MSVOA_V
ClientSampleId :
VSTD005291

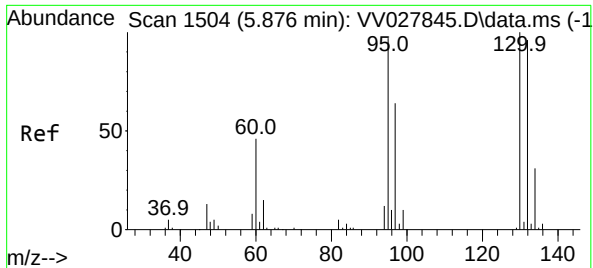
Tgt Ion:117 Resp: 83822
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.8



#33
Benzene
Concen: 4.705 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.019 min
Lab File: VV027869.D
Acq: 15 Sep 2022 21:08

Tgt Ion: 78 Resp: 194749

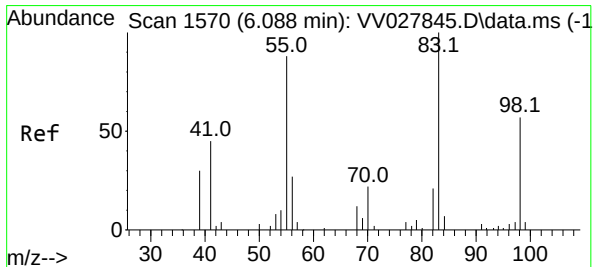
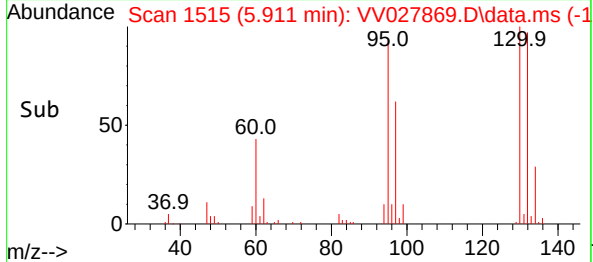
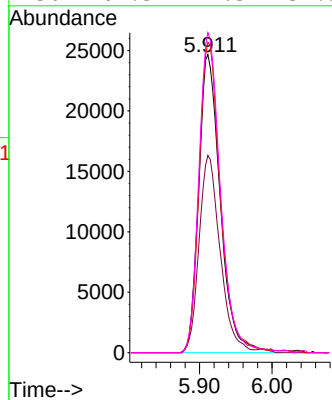
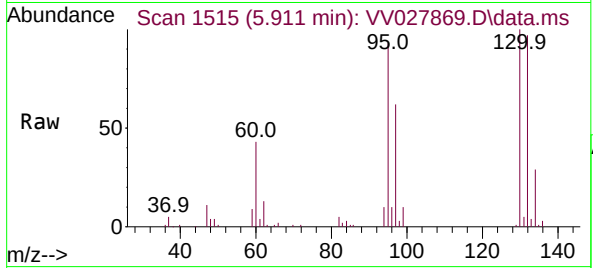




#34
Trichloroethene
Concen: 4.917 ug/L
RT: 5.911 min Scan# 11
Delta R.T. 0.035 min
Lab File: VV027869.D
Acq: 15 Sep 2022 21:08

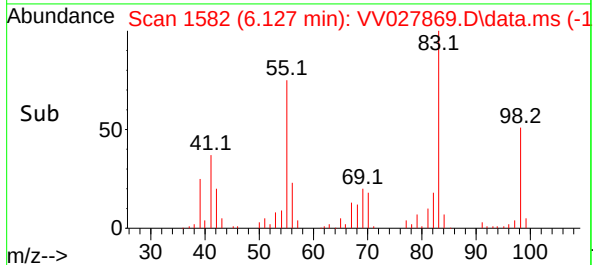
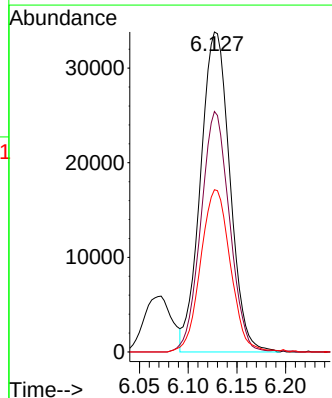
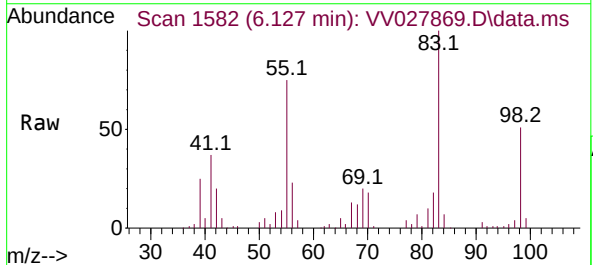
Instrument :
MSVOA_V
ClientSampleId :
VSTD005291

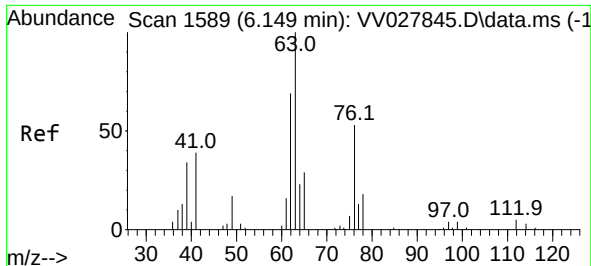
Tgt Ion: 95 Resp: 50930
Ion Ratio Lower Upper
95 100
97 66.1 42.9 79.7
132 104.1 67.9 126.1
130 107.3 71.3 132.3



#35
Methylcyclohexane
Concen: 4.454 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.038 min
Lab File: VV027869.D
Acq: 15 Sep 2022 21:08

Tgt Ion: 83 Resp: 70863
Ion Ratio Lower Upper
83 100
55 73.4 61.9 92.9
98 51.3 37.5 56.3





#37

1,2-Dichloropropane

Concen: 4.562 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.019 min

Lab File: VV027869.D

Acq: 15 Sep 2022 21:08

Instrument :

MSVOA_V

ClientSampleId :

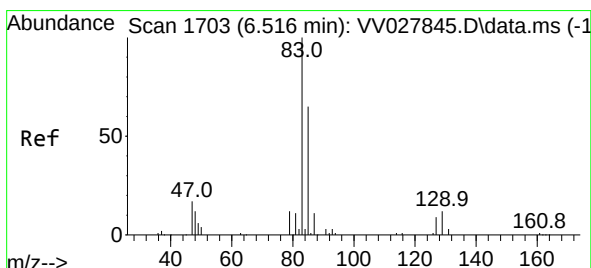
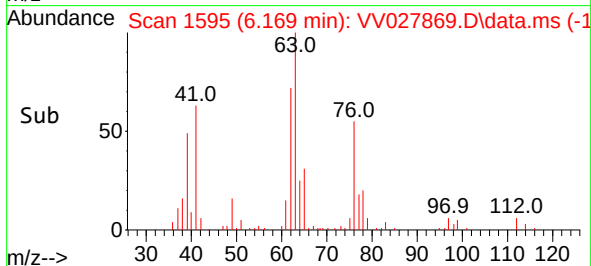
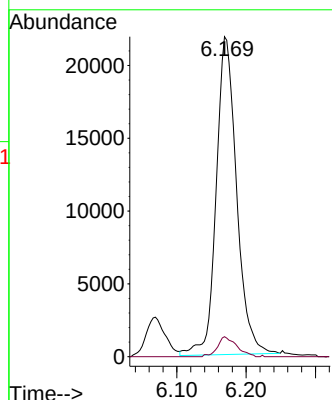
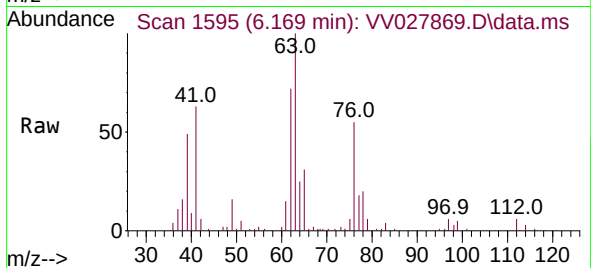
VSTD005291

Tgt Ion: 63 Resp: 44805

Ion Ratio Lower Upper

63 100

112 5.9 4.0 6.0



#38

Bromodichloromethane

Concen: 5.144 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.010 min

Lab File: VV027869.D

Acq: 15 Sep 2022 21:08

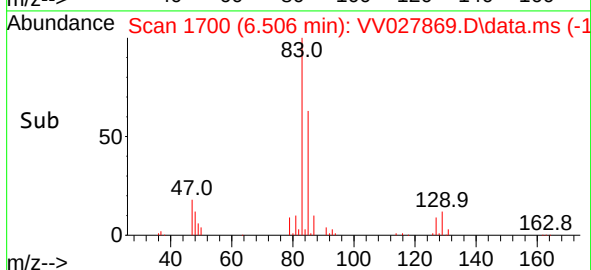
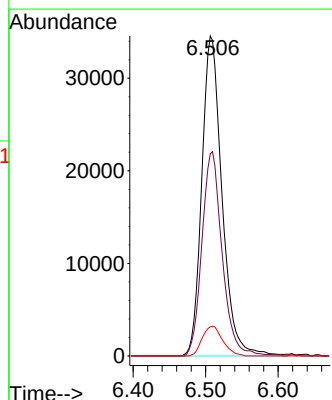
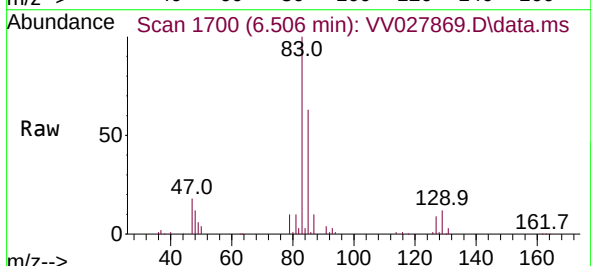
Tgt Ion: 83 Resp: 66982

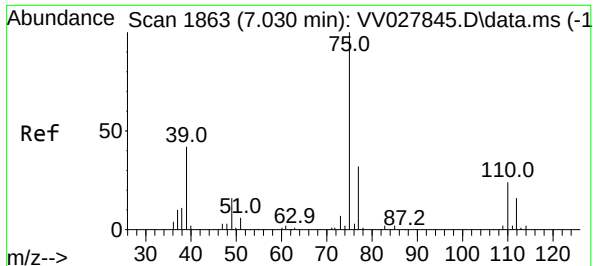
Ion Ratio Lower Upper

83 100

85 63.1 43.3 80.3

127 9.1 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 4.974 ug/L

RT: 7.024 min Scan# 11

Delta R.T. -0.007 min

Lab File: VV027869.D

Acq: 15 Sep 2022 21:08

Instrument :

MSVOA_V

ClientSampleId :

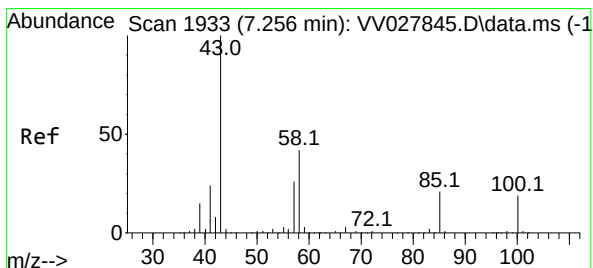
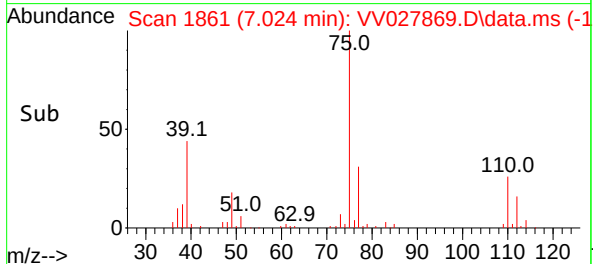
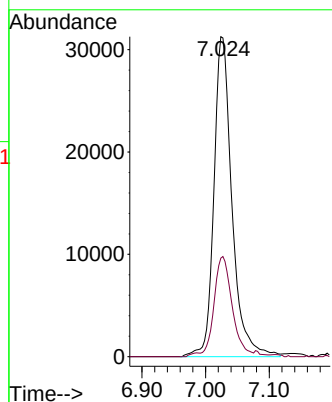
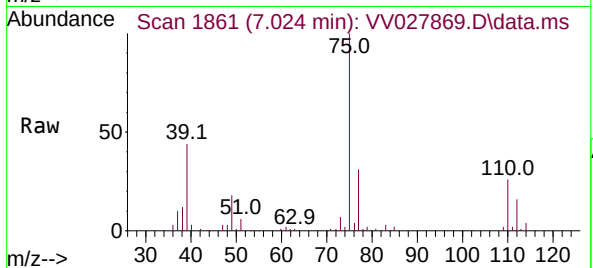
VSTD005291

Tgt Ion: 75 Resp: 61674

Ion Ratio Lower Upper

75 100

77 30.8 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 47.963 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.029 min

Lab File: VV027869.D

Acq: 15 Sep 2022 21:08

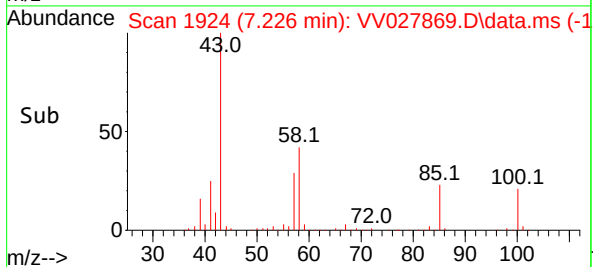
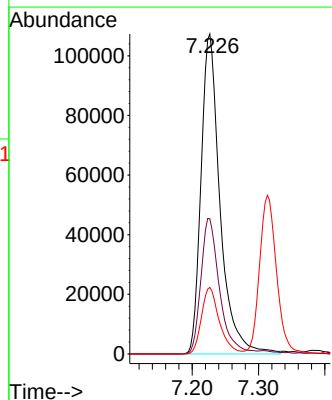
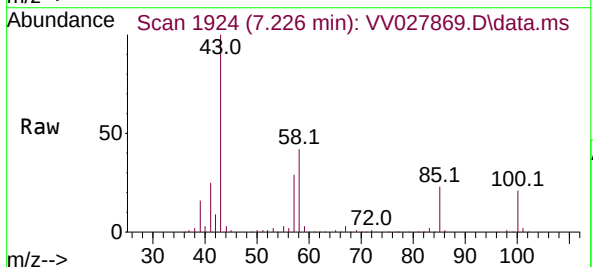
Tgt Ion: 43 Resp: 213506

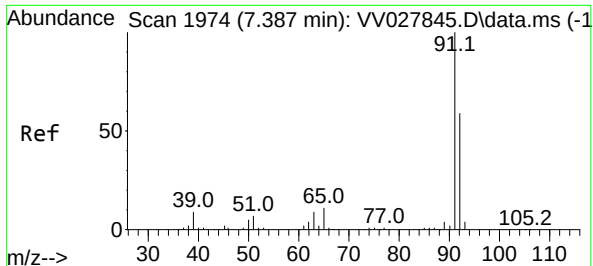
Ion Ratio Lower Upper

43 100

58 41.6 30.9 46.3

100 19.6 13.4 20.0





#42

Toluene

Concen: 5.430 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV027869.D

Acq: 15 Sep 2022 21:08

Instrument :

MSVOA_V

ClientSampleId :

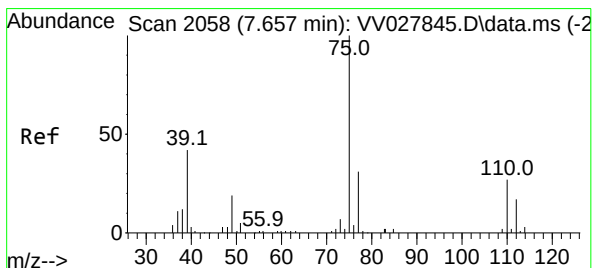
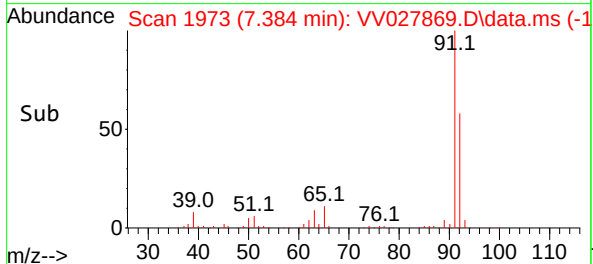
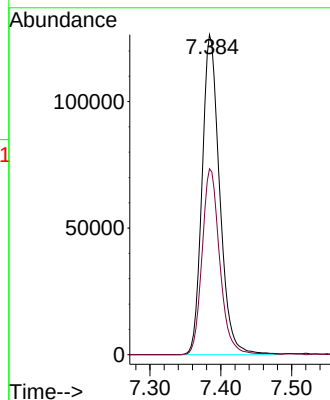
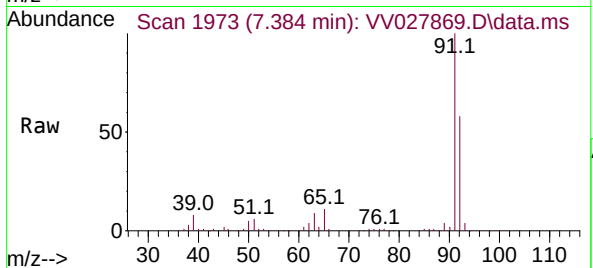
VSTD005291

Tgt Ion: 91 Resp: 217692

Ion Ratio Lower Upper

91 100

92 58.1 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.189 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.007 min

Lab File: VV027869.D

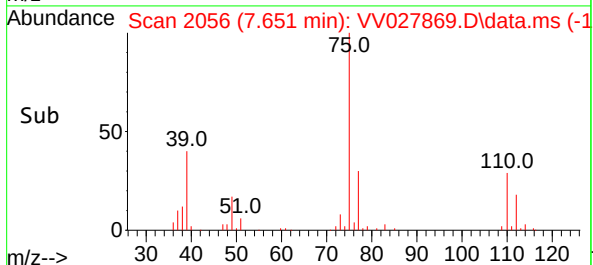
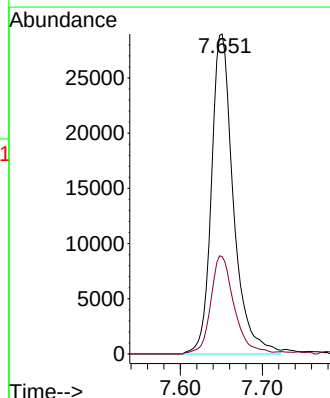
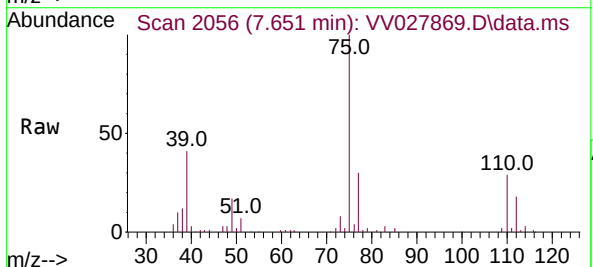
Acq: 15 Sep 2022 21:08

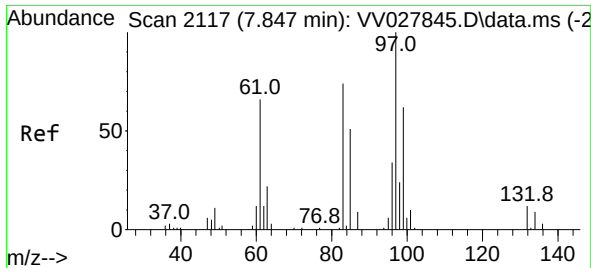
Tgt Ion: 75 Resp: 53997

Ion Ratio Lower Upper

75 100

77 30.4 22.6 42.0

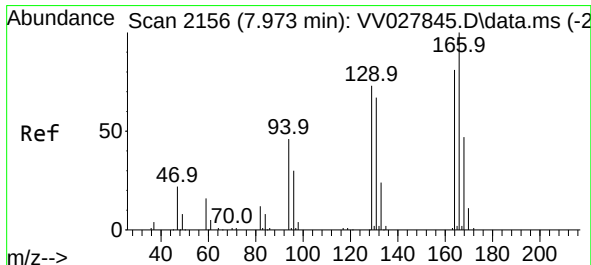
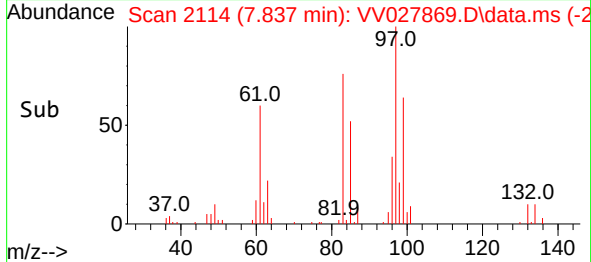
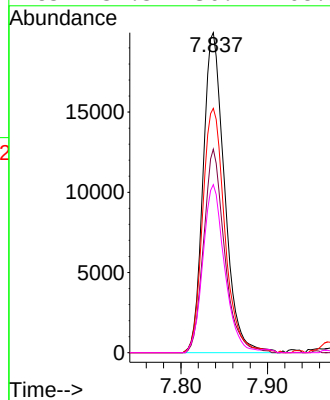
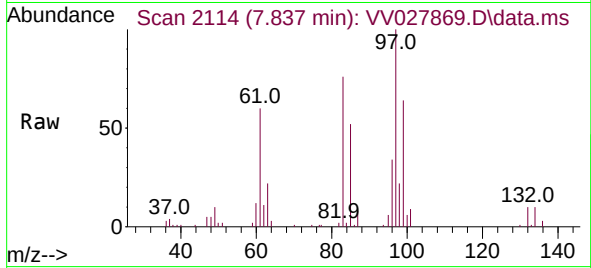




#45
1,1,2-Trichloroethane
Concen: 5.389 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.010 min
Lab File: VV027869.D
Acq: 15 Sep 2022 21:08

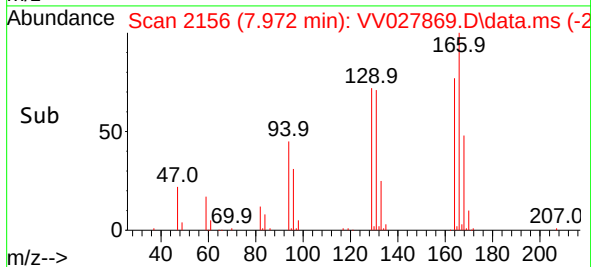
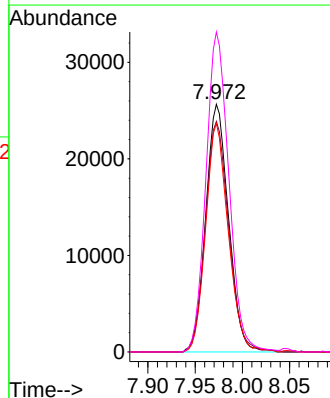
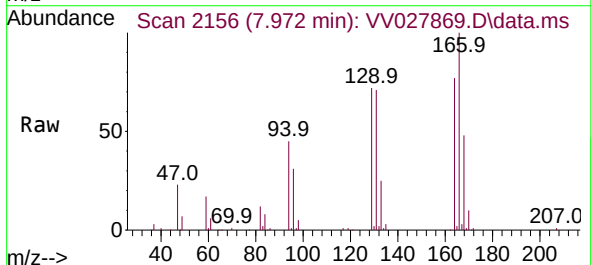
Instrument : MSVOA_V
ClientSampleId : VSTD005291

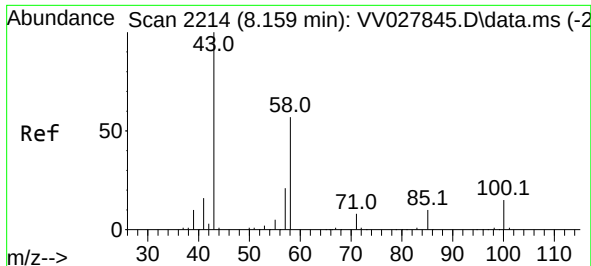
Tgt Ion:	97	Resp:	34294
Ion	Ratio	Lower	Upper
97	100		
99	63.6	44.2	82.0
83	76.3	60.3	112.1
85	52.5	36.9	68.5



#47
Tetrachloroethene
Concen: 5.187 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV027869.D
Acq: 15 Sep 2022 21:08

Tgt Ion:	164	Resp:	43118
Ion	Ratio	Lower	Upper
164	100		
129	93.1	67.2	124.8
131	92.4	61.5	114.3
166	129.2	91.1	169.3



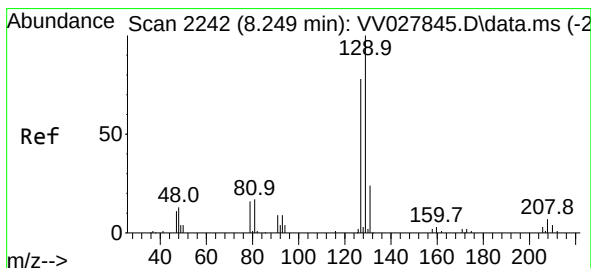
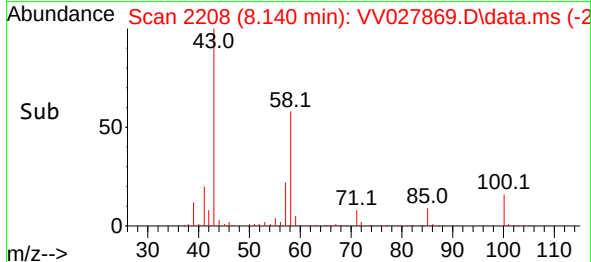
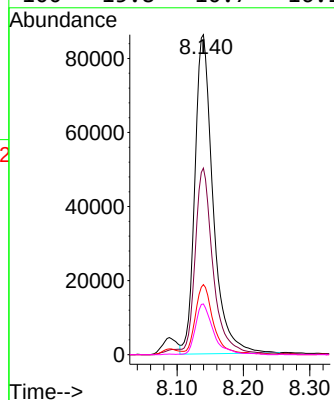
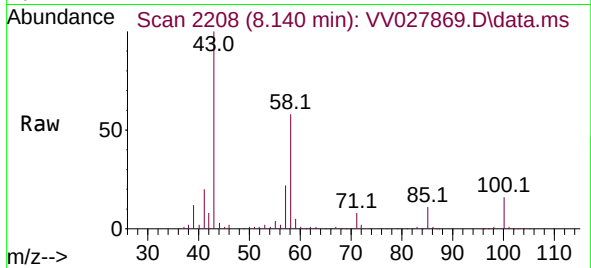


#48
2-Hexanone
Concen: 50.705 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.019 min
Lab File: VV027869.D
Acq: 15 Sep 2022 21:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD005291

Tgt Ion: 43 Resp: 164094

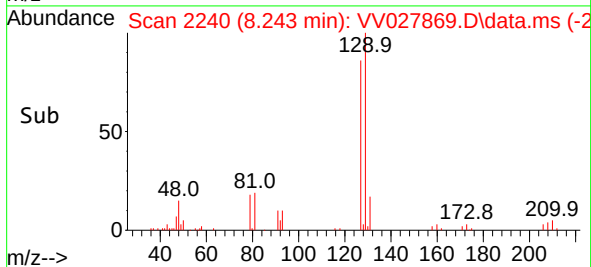
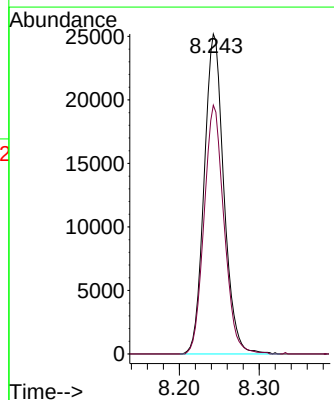
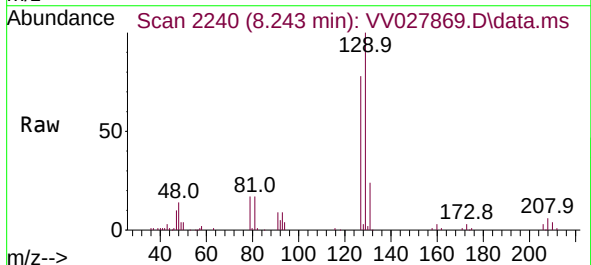
Ion	Ratio	Lower	Upper
43	100		
58	59.3	43.2	64.8
57	21.2	15.6	23.4
100	15.8	10.7	16.1

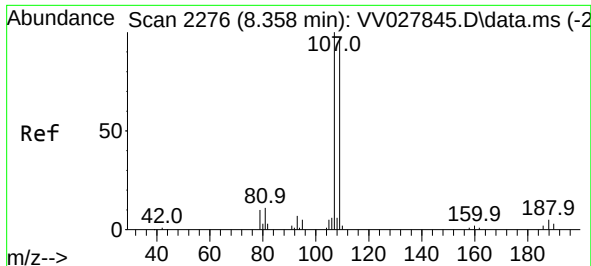


#49
Dibromochloromethane
Concen: 5.330 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.007 min
Lab File: VV027869.D
Acq: 15 Sep 2022 21:08

Tgt Ion: 129 Resp: 43059

Ion	Ratio	Lower	Upper
129	100		
127	77.8	55.2	102.6





#50

1,2-Dibromoethane

Concen: 5.390 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.007 min

Lab File: VV027869.D

Acq: 15 Sep 2022 21:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005291

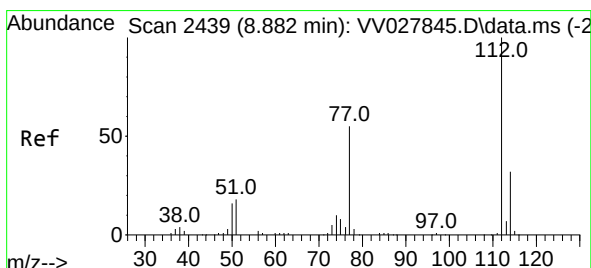
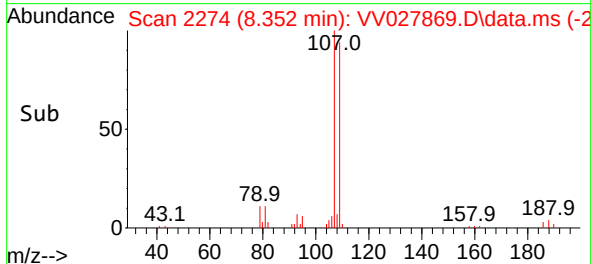
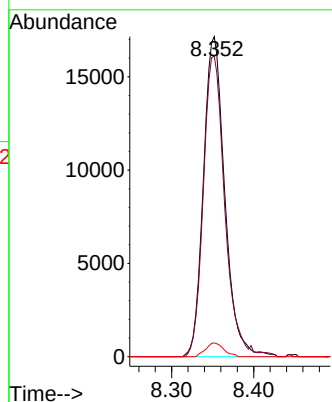
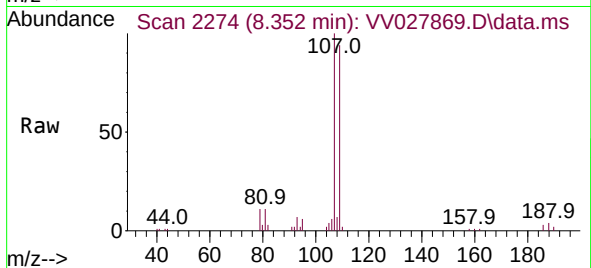
Tgt Ion:107 Resp: 31016

Ion Ratio Lower Upper

107 100

109 93.9 65.9 122.5

188 4.3 3.1 4.7



#51

Chlorobenzene

Concen: 5.361 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.003 min

Lab File: VV027869.D

Acq: 15 Sep 2022 21:08

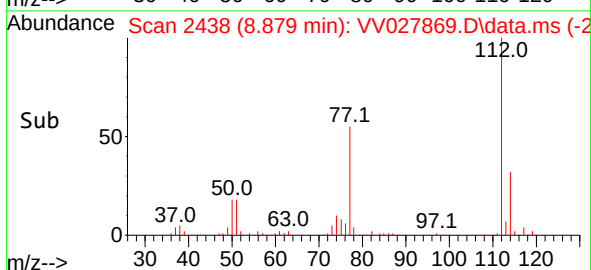
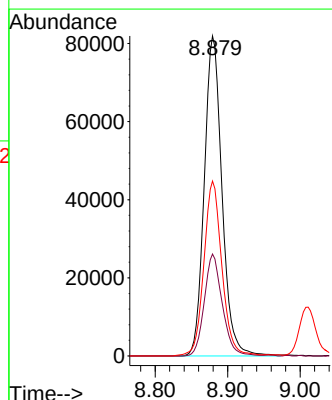
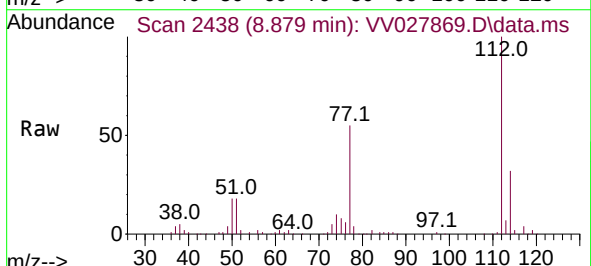
Tgt Ion:112 Resp: 139468

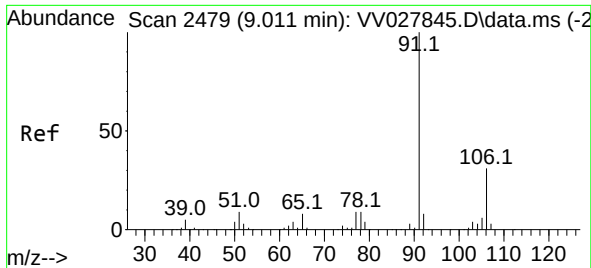
Ion Ratio Lower Upper

112 100

114 31.9 21.7 40.3

77 54.7 45.3 67.9





#52

Ethylbenzene

Concen: 5.328 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV027869.D

Acq: 15 Sep 2022 21:08

Instrument :

MSVOA_V

ClientSampleId :

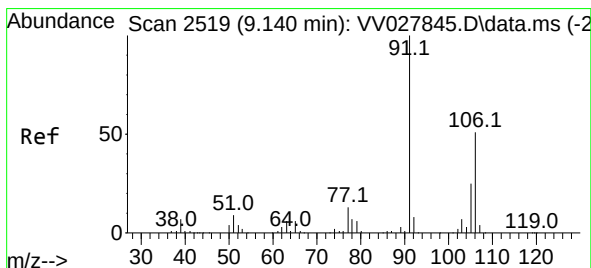
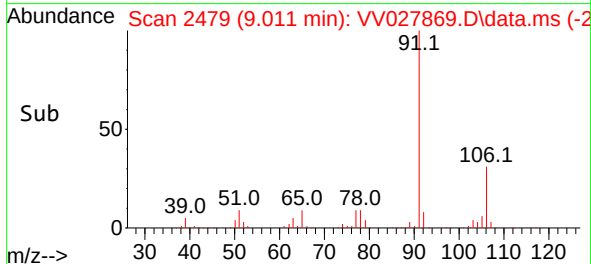
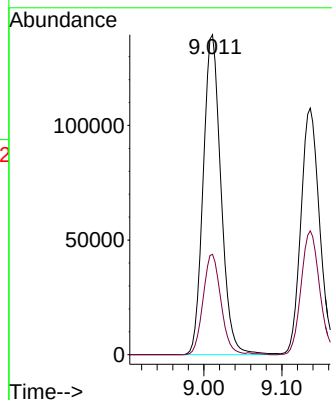
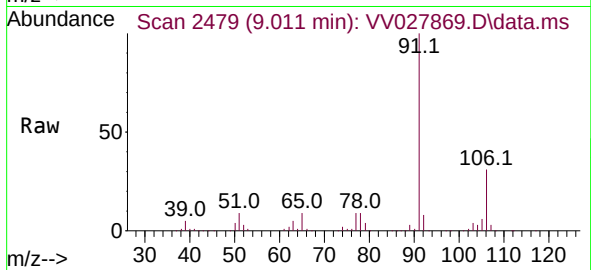
VSTD005291

Tgt Ion: 91 Resp: 221534

Ion Ratio Lower Upper

91 100

106 31.4 22.0 40.8



#53

m,p-Xylene

Concen: 5.541 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.003 min

Lab File: VV027869.D

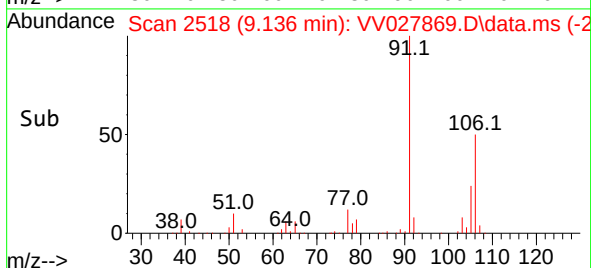
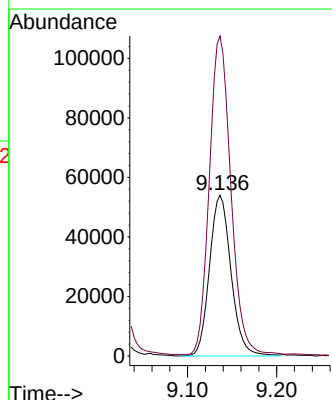
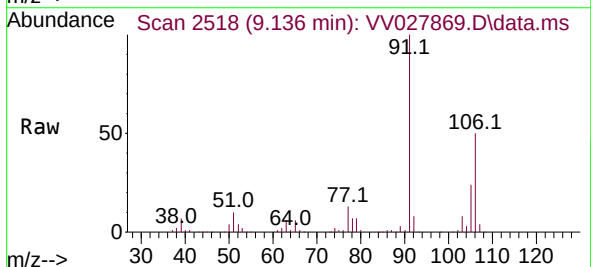
Acq: 15 Sep 2022 21:08

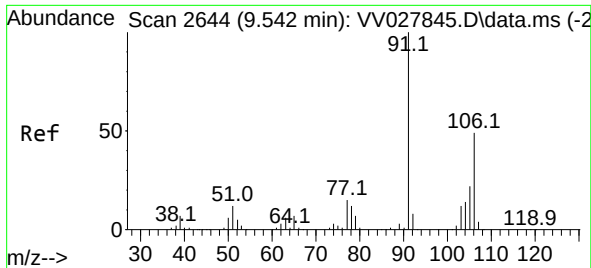
Tgt Ion: 106 Resp: 90617

Ion Ratio Lower Upper

106 100

91 199.1 142.4 264.4

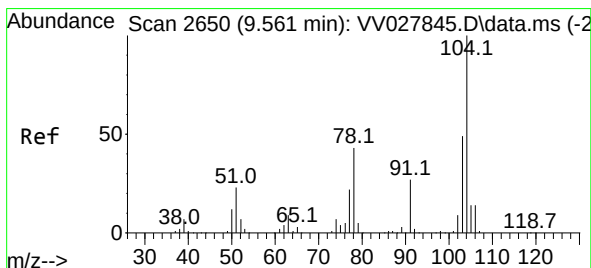
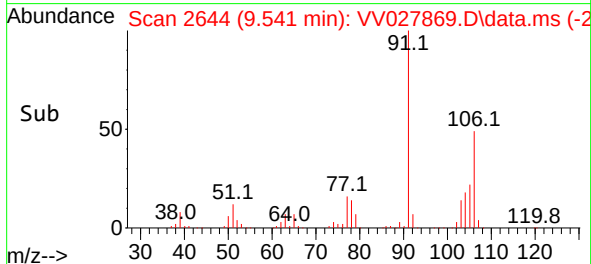
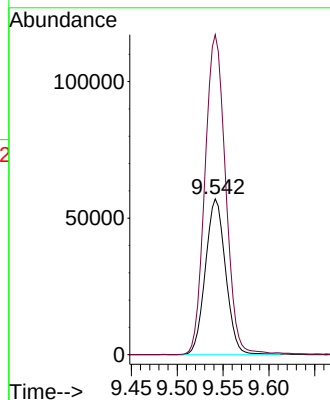
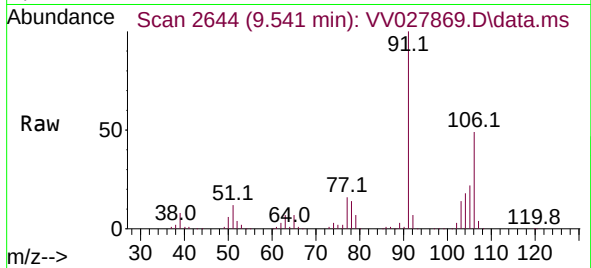




#54
o-Xylene
Concen: 5.624 ug/L
RT: 9.541 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027869.D
Acq: 15 Sep 2022 21:08

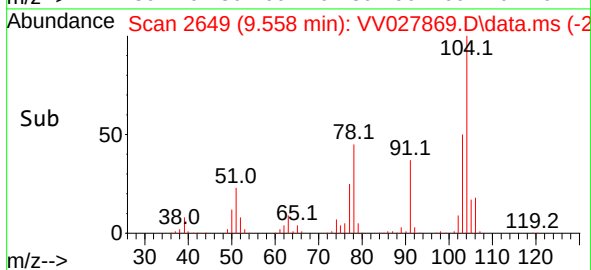
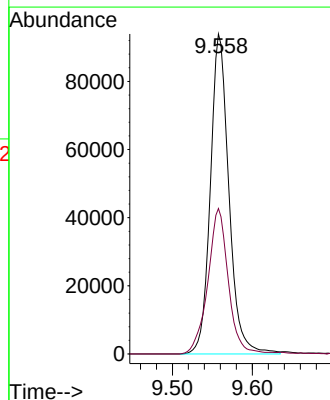
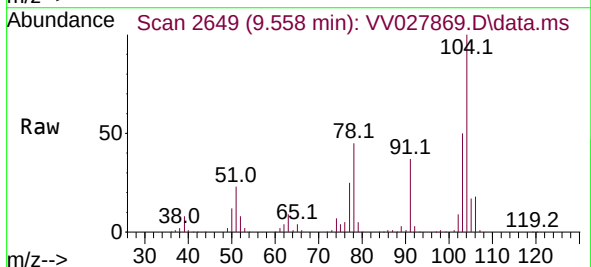
Instrument :
MSVOA_V
ClientSampleId :
VSTD005291

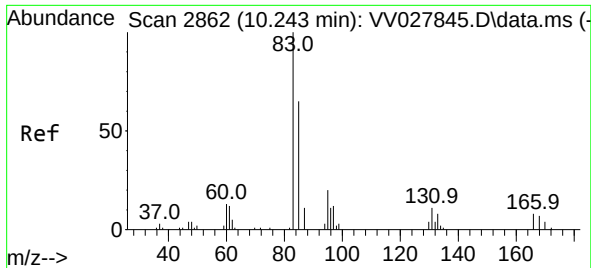
Tgt Ion:106 Resp: 87675
Ion Ratio Lower Upper
106 100
91 205.4 147.5 273.9



#55
Styrene
Concen: 5.607 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV027869.D
Acq: 15 Sep 2022 21:08

Tgt Ion:104 Resp: 151149
Ion Ratio Lower Upper
104 100
78 45.4 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.050 ug/L

RT: 10.239 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV027869.D

Acq: 15 Sep 2022 21:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005291

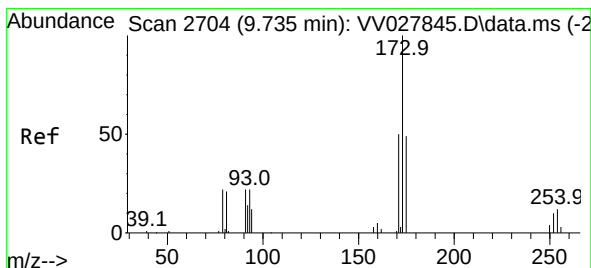
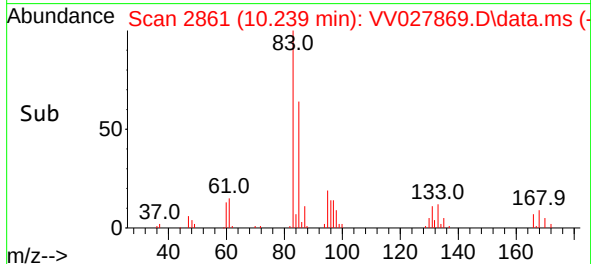
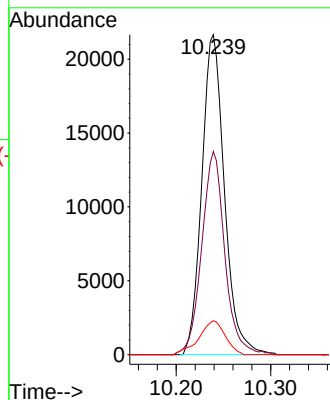
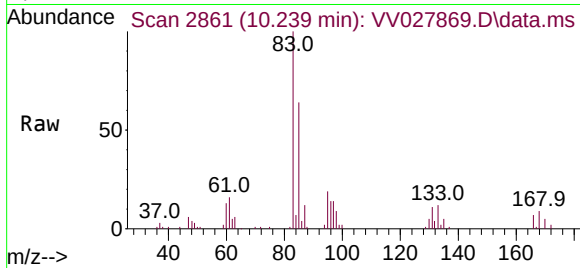
Tgt Ion: 83 Resp: 36017

Ion Ratio Lower Upper

83 100

85 63.5 44.7 83.1

131 10.6 8.5 12.7



#59

Bromoform

Concen: 5.285 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.007 min

Lab File: VV027869.D

Acq: 15 Sep 2022 21:08

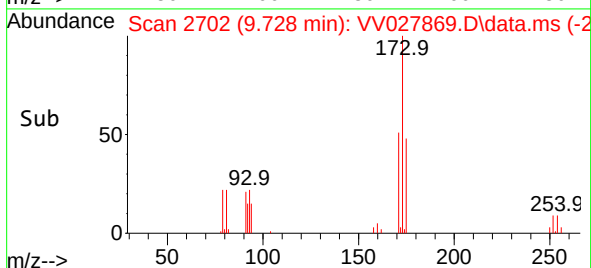
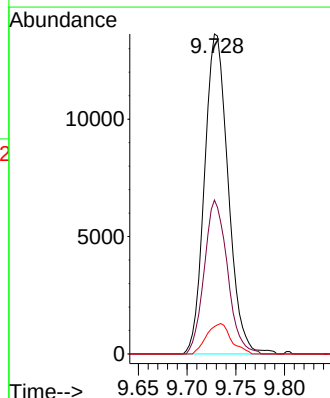
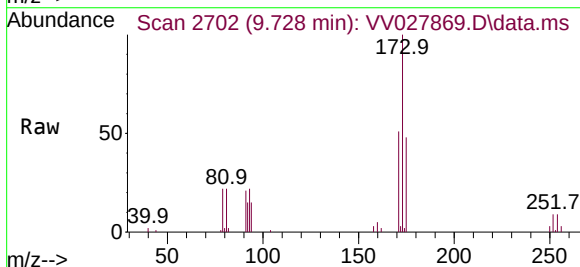
Tgt Ion: 173 Resp: 22997

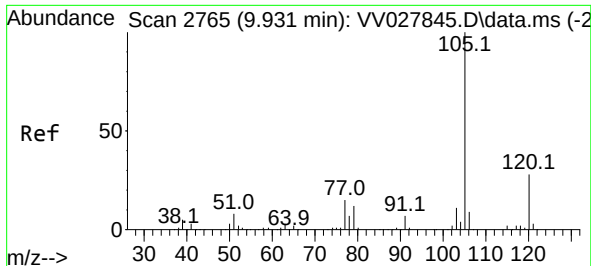
Ion Ratio Lower Upper

173 100

175 47.3 38.4 57.6

254 9.8 6.8 10.2

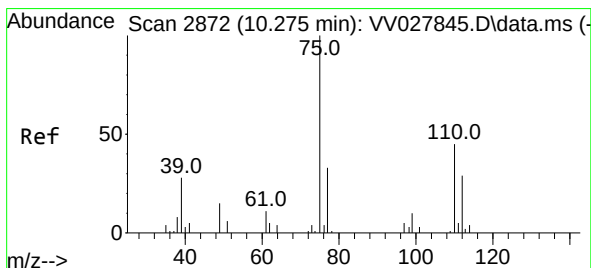
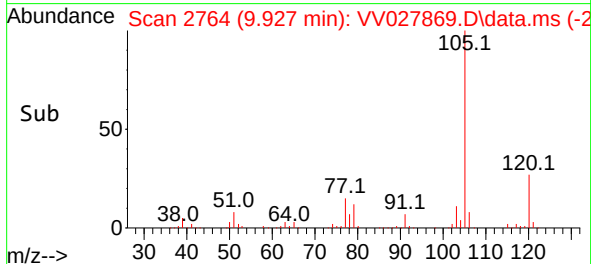
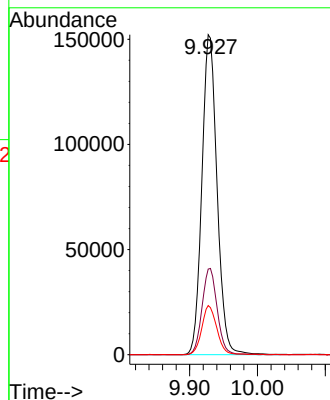
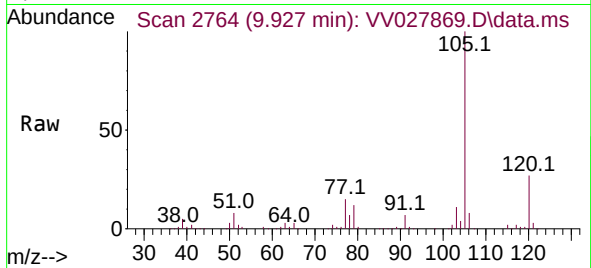




#60
Isopropylbenzene
Concen: 5.255 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV027869.D
Acq: 15 Sep 2022 21:08

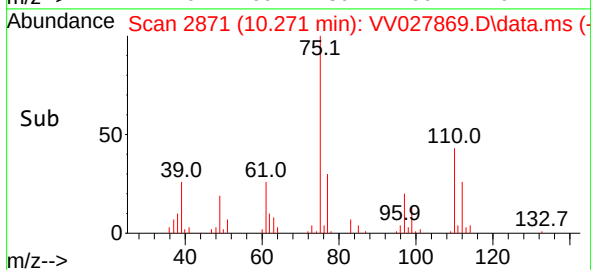
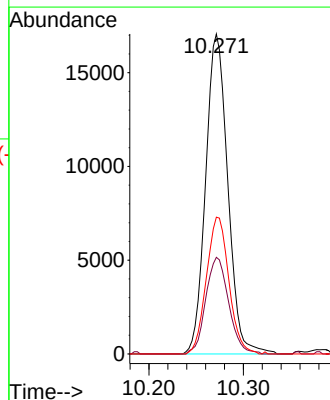
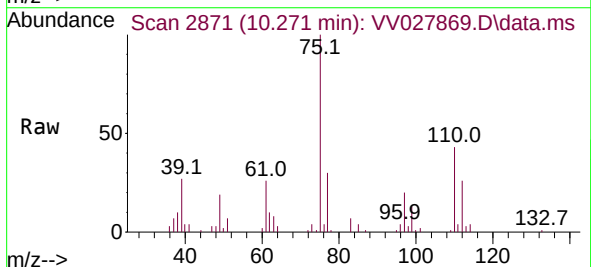
Instrument :
MSVOA_V
ClientSampleId :
VSTD005291

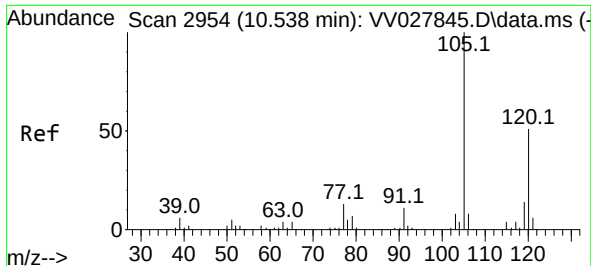
Tgt Ion:105 Resp: 236336
Ion Ratio Lower Upper
105 100
120 26.9 21.3 31.9
77 15.2 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.878 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV027869.D
Acq: 15 Sep 2022 21:08

Tgt Ion: 75 Resp: 27771
Ion Ratio Lower Upper
75 100
77 31.2 27.6 41.4
110 43.4 35.6 53.4





#62

1,3,5-Trimethylbenzene

Concen: 5.216 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV027869.D

Acq: 15 Sep 2022 21:08

Instrument :

MSVOA_V

ClientSampleId :

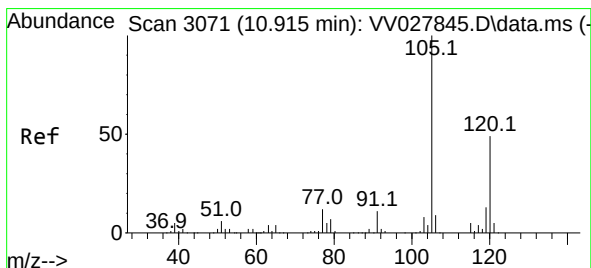
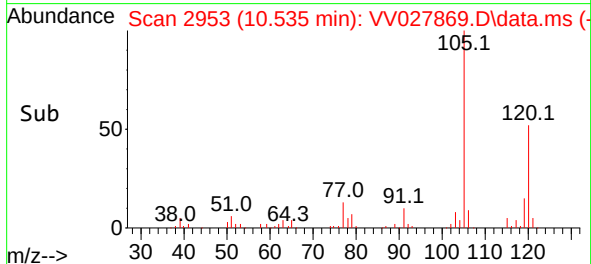
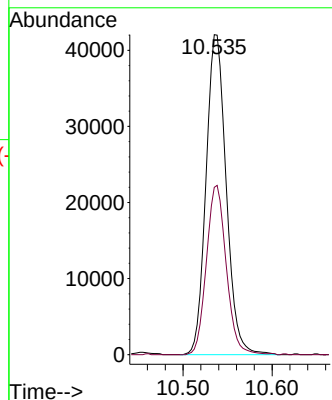
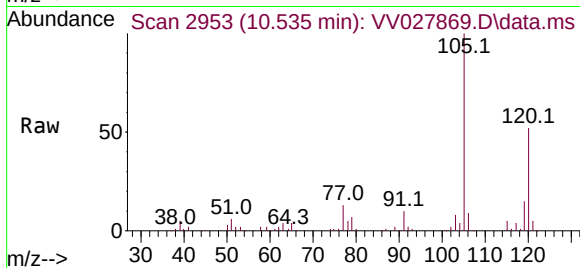
VSTD005291

Tgt Ion:105 Resp: 66063

Ion Ratio Lower Upper

105 100

120 52.1 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 5.094 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV027869.D

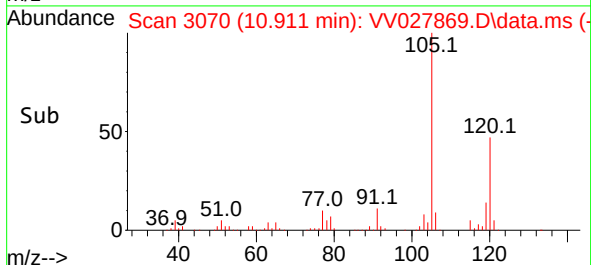
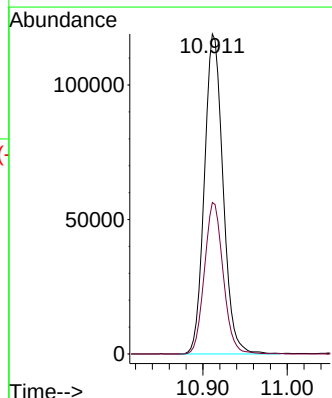
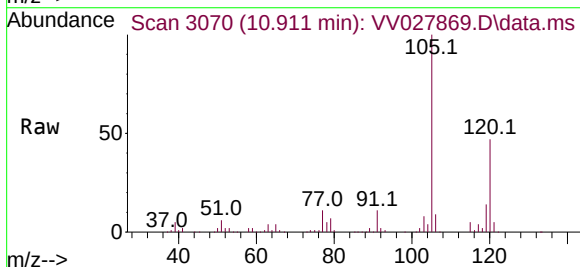
Acq: 15 Sep 2022 21:08

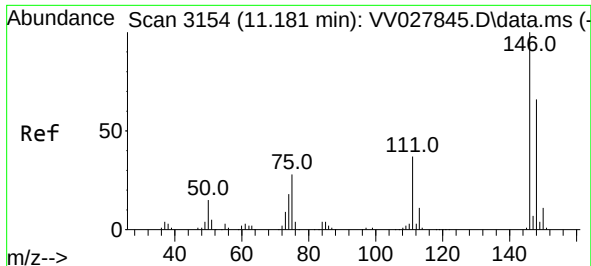
Tgt Ion:105 Resp: 183414

Ion Ratio Lower Upper

105 100

120 47.7 37.4 56.0

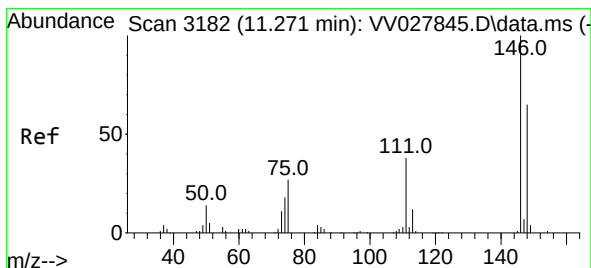
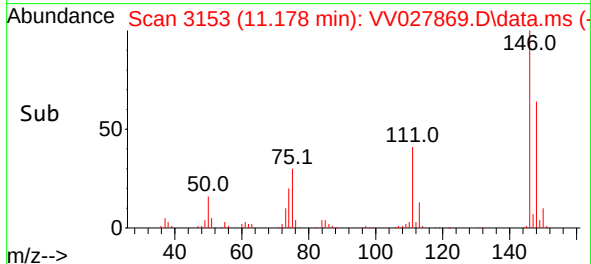
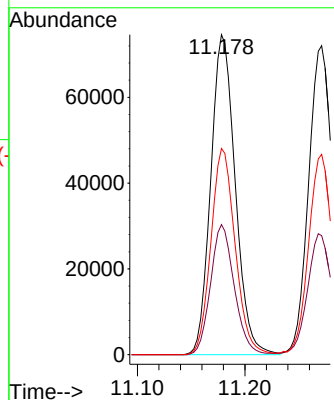
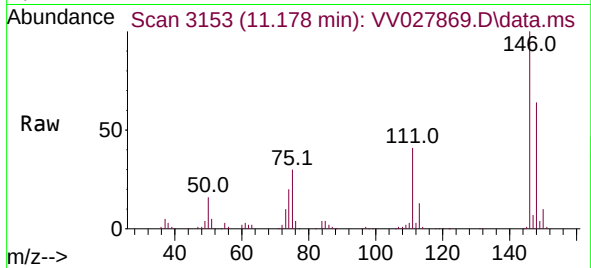




#64
1,3-Dichlorobenzene
Concen: 5.177 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV027869.D
Acq: 15 Sep 2022 21:08

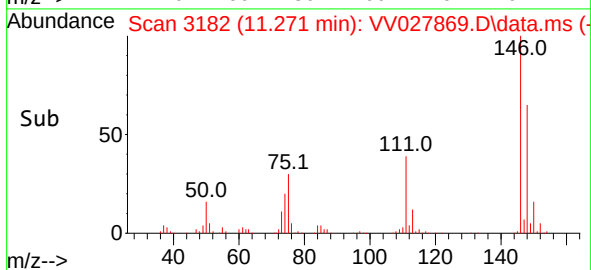
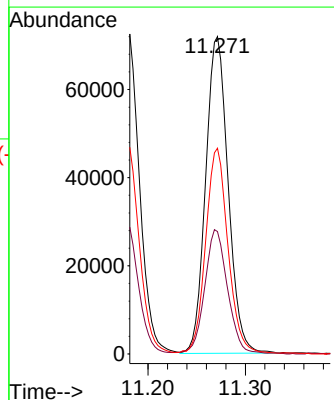
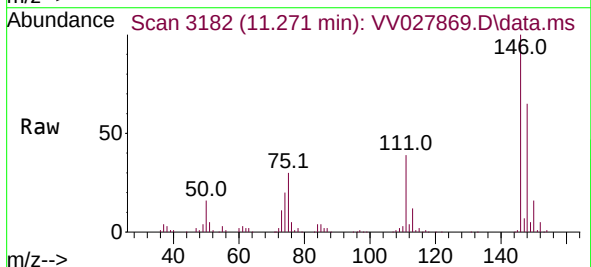
Instrument :
MSVOA_V
ClientSampleId :
VSTD005291

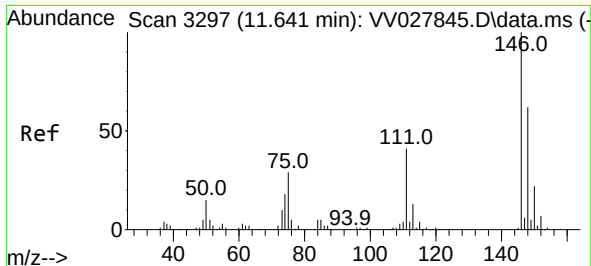
Tgt Ion:146 Resp: 117895
Ion Ratio Lower Upper
146 100
111 40.6 27.9 51.9
148 64.5 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 5.029 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV027869.D
Acq: 15 Sep 2022 21:08

Tgt Ion:146 Resp: 115414
Ion Ratio Lower Upper
146 100
111 38.5 26.5 49.3
148 64.8 42.8 79.4





#67

1,2-Dichlorobenzene

Concen: 5.194 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV027869.D

Acq: 15 Sep 2022 21:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005291

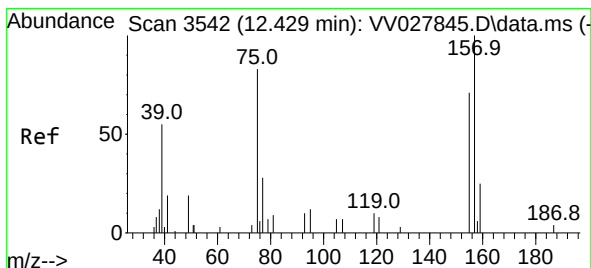
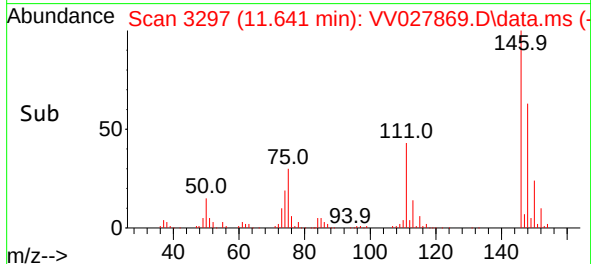
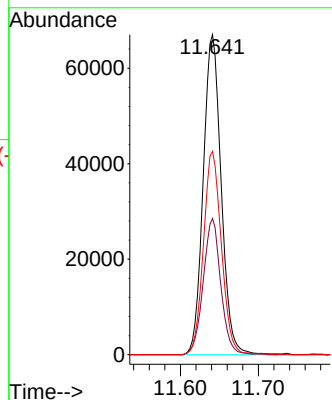
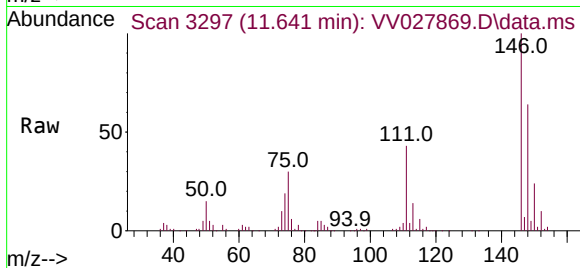
Tgt Ion:146 Resp: 107407

Ion Ratio Lower Upper

146 100

111 42.6 33.1 49.7

148 63.6 49.8 74.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.835 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VV027869.D

Acq: 15 Sep 2022 21:08

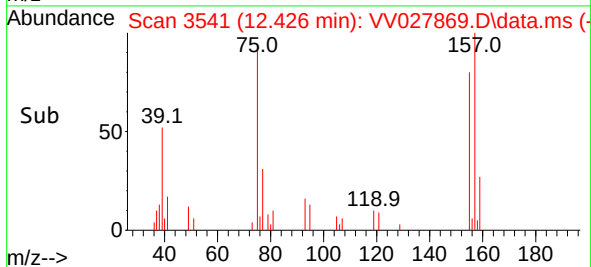
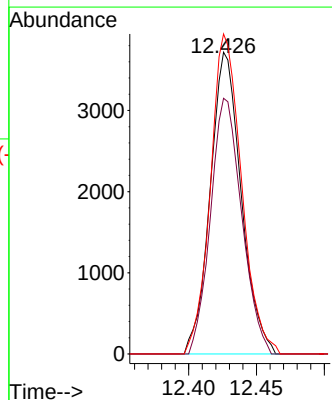
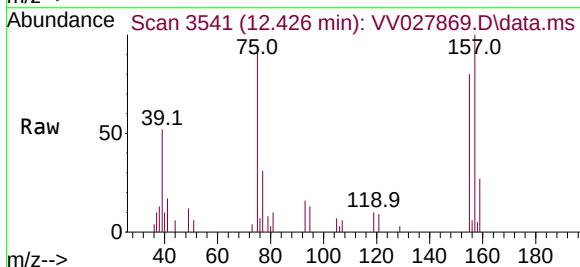
Tgt Ion: 75 Resp: 5908

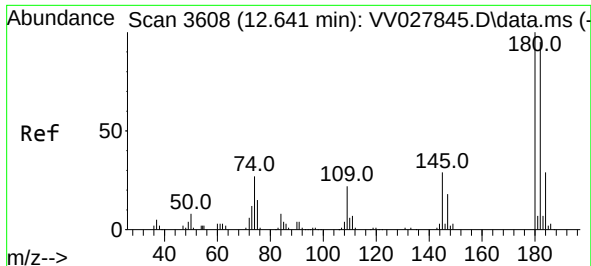
Ion Ratio Lower Upper

75 100

155 84.7 71.9 107.9

157 106.0 95.1 142.7





#69

1,3,5-Trichlorobenzene

Concen: 5.281 ug/L

RT: 12.644 min Scan# 3608

Delta R.T. 0.003 min

Lab File: VV027869.D

Acq: 15 Sep 2022 21:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD005291

Tgt Ion:180 Resp: 91123

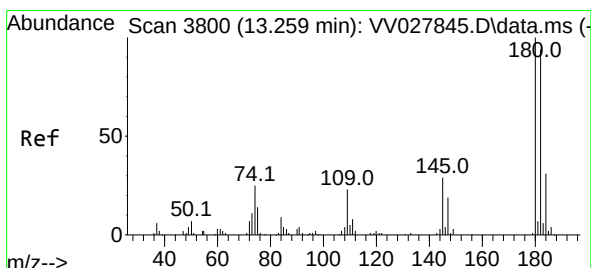
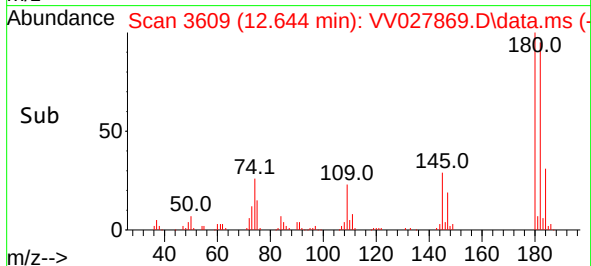
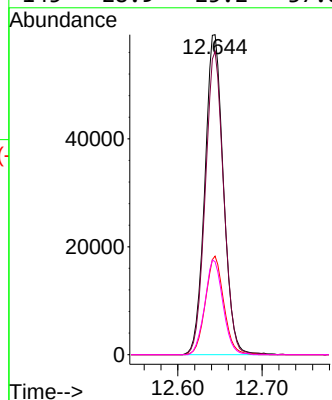
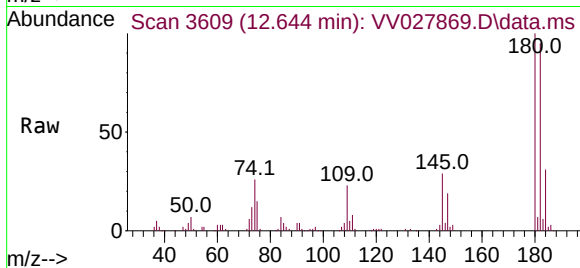
Ion Ratio Lower Upper

180 100

182 93.6 75.8 113.8

184 30.2 23.8 35.6

145 28.9 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 4.928 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV027869.D

Acq: 15 Sep 2022 21:08

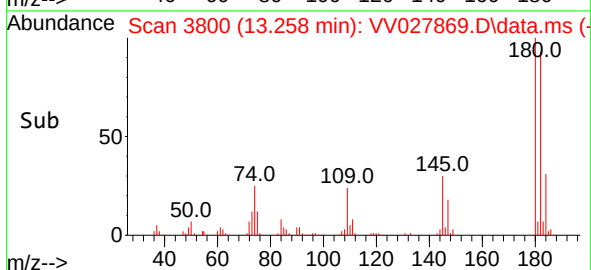
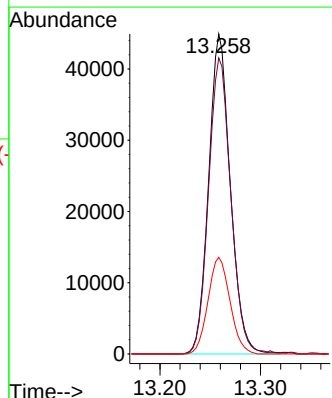
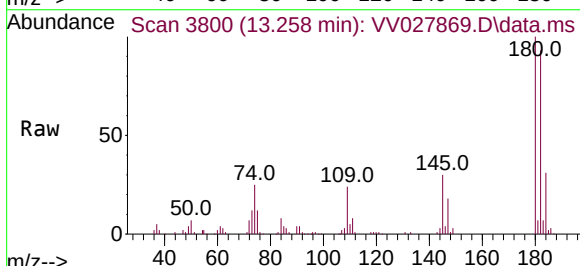
Tgt Ion:180 Resp: 67221

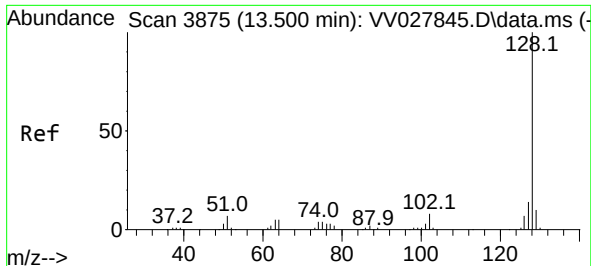
Ion Ratio Lower Upper

180 100

182 95.2 76.6 114.8

145 30.6 24.6 37.0

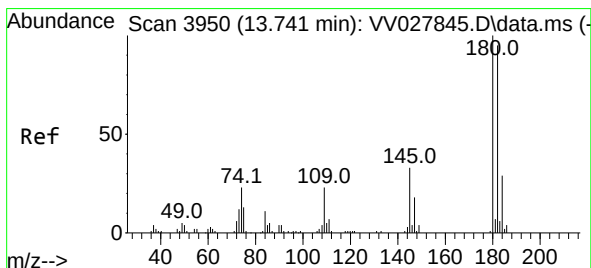
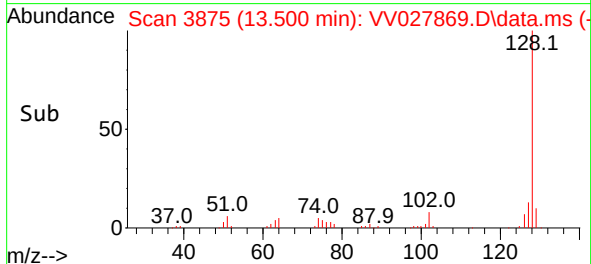
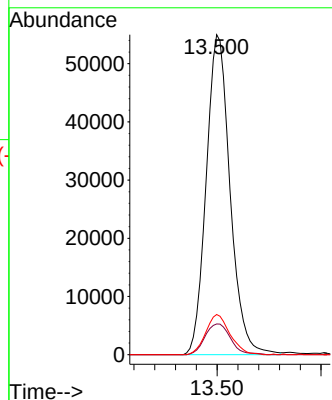
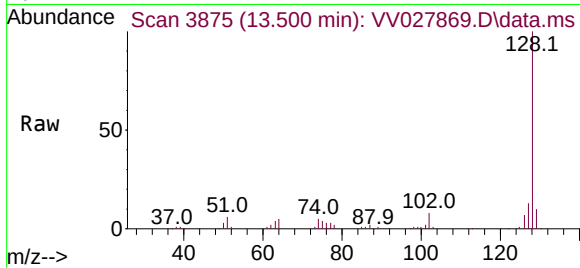




#71
Naphthalene
Concen: 4.090 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV027869.D
Acq: 15 Sep 2022 21:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD005291

Tgt Ion:	128	Resp:	87636
Ion Ratio	Lower	Upper	
128	100		
129	10.3	9.2	13.8
127	12.7	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.873 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027869.D
Acq: 15 Sep 2022 21:08

Tgt Ion:	180	Resp:	59221
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.5	114.7
145	31.9	26.5	39.7

