

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102721\
 Data File : VW023053.D
 Acq On : 27 Oct 2021 11:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005326

Quant Time: Oct 28 01:33:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 27 01:29:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	115093	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	114974	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64304	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	48346	4.807	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.568	69	36615	5.886	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.800%
11) 1,1-Dichloroethene-d2	2.105	63	77924	5.371	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.400%
20) 2-Butanone-d5	3.908	46	63984	39.660	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.320%
24) Chloroform-d	4.349	84	78955	4.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.031	65	40095	5.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.047	84	167120	4.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.066	67	48646	4.708	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.313	98	163594	5.426	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
43) trans-1,3-Dichloroprop...	7.622	79	19818	5.474	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.400%
46) 2-Hexanone-d5	8.091	63	70703	52.747	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.500%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35642	4.995	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	63136	5.503	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	42728	5.852	ug/L	100
3) Chloromethane	1.240	50	47465	6.014	ug/L	97
5) Vinyl chloride	1.310	62	49842	6.115	ug/L	99
6) Bromomethane	1.519	94	27438	6.663	ug/L	98
8) Chloroethane	1.584	64	25275	5.930	ug/L	96
9) Trichlorofluoromethane	1.751	101	63830	5.802	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	40440	6.447	ug/L	99
12) 1,1-Dichloroethene	2.114	96	35726	6.063	ug/L	97
13) Acetone	2.195	43	40871	51.636	ug/L	94
14) Carbon disulfide	2.288	76	81627	5.087	ug/L	99
15) Methyl Acetate	2.436	43	10573	3.511	ug/L #	86
16) Methylene chloride	2.500	84	31798	4.913	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	73954	5.257	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	34749	5.524	ug/L	98
19) 1,1-Dichloroethane	3.185	63	64787	5.605	ug/L	98
21) 2-Butanone	3.995	43	48155	31.077	ug/L	95
22) cis-1,2-Dichloroethene	3.905	96	38145	5.348	ug/L #	87
23) Bromochloromethane	4.246	128	17405	5.376	ug/L #	79
25) Chloroform	4.371	83	79464	5.203	ug/L	99

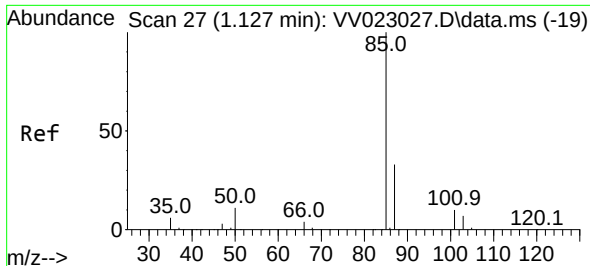
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102721\
 Data File : VW023053.D
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Instrument :
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 ClientSampleId :
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Quant Time: Oct 28 01:33:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 27 01:29:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	39716	4.931	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	66719	5.135	ug/L	98
30) Cyclohexane	4.670	56	51818	4.568	ug/L	95
31) Carbon tetrachloride	4.822	117	59116	5.288	ug/L	98
33) Benzene	5.095	78	152131	4.917	ug/L	100
34) Trichloroethene	5.912	95	41487	5.338	ug/L	98
35) Methylcyclohexane	6.127	83	58434	5.250	ug/L	95
37) 1,2-Dichloropropane	6.172	63	36906	4.732	ug/L	99
38) Bromodichloromethane	6.510	83	49423	5.138	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	51169	5.269	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	183214	49.904	ug/L	100
42) Toluene	7.387	91	169522	5.407	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	45812	5.703	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	26990	4.947	ug/L	97
47) Tetrachloroethene	7.976	164	35427	5.395	ug/L	98
48) 2-Hexanone	8.143	43	140698	51.626	ug/L	98
49) Dibromochloromethane	8.246	129	34333	5.289	ug/L	99
50) 1,2-Dibromoethane	8.352	107	25101	5.110	ug/L	99
51) Chlorobenzene	8.879	112	109552	5.319	ug/L	99
52) Ethylbenzene	9.011	91	172687	5.549	ug/L	98
53) m,p-xylene	9.136	106	69302	5.553	ug/L	95
54) o-xylene	9.545	106	66008	5.618	ug/L	97
55) Styrene	9.561	104	113474	5.593	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	28328	4.645	ug/L	96
59) Bromoform	9.731	173	19145	5.109	ug/L #	98
60) Isopropylbenzene	9.931	105	178056	5.475	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	21383	4.724	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	142169	5.442	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	150217	5.762	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	92901	5.429	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	91598	5.269	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	84015	5.274	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4050	4.535	ug/L	81
69) 1,3,5-Trichlorobenzene	12.644	180	71725	5.503	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	56187	5.761	ug/L	98
71) Naphthalene	13.503	128	79775	5.380	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	49982	5.521	ug/L	100

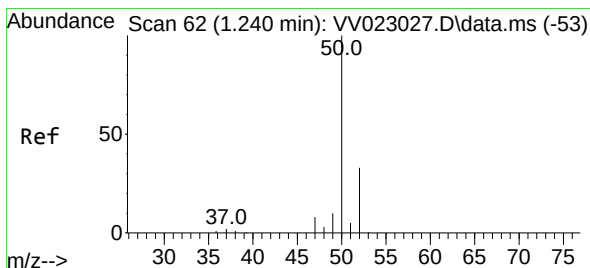
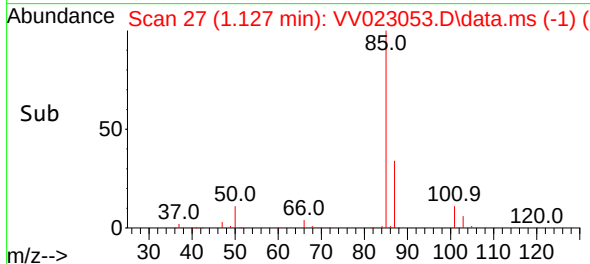
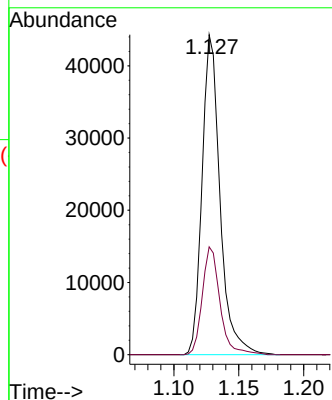
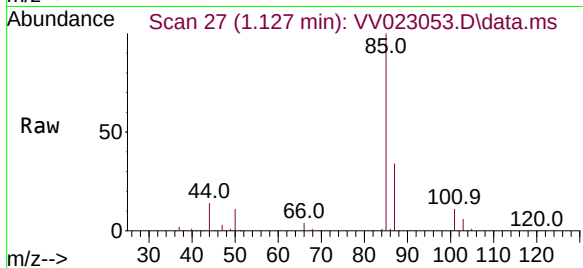
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.852 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023053.D
 Acq: 27 Oct 2021 11:53

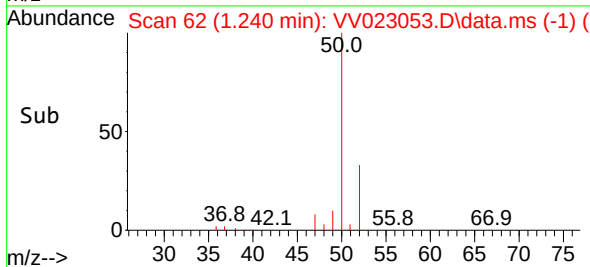
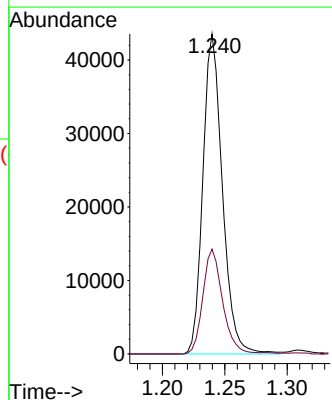
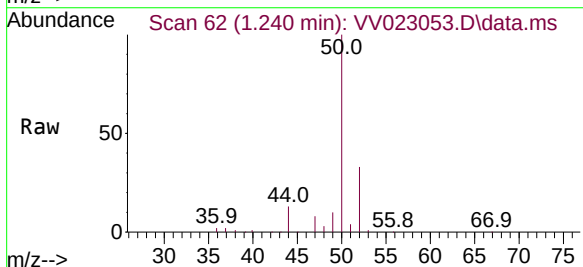
Instrument :
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 ClientSampleId :
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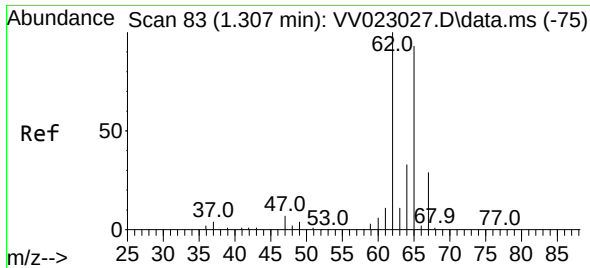
Tgt Ion: 85 Resp: 42728
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.6 39.8



#3
 Chloromethane
 Concen: 6.014 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV023053.D
 Acq: 27 Oct 2021 11:53

Tgt Ion: 50 Resp: 47465
 Ion Ratio Lower Upper
 50 100
 52 32.8 24.3 45.1

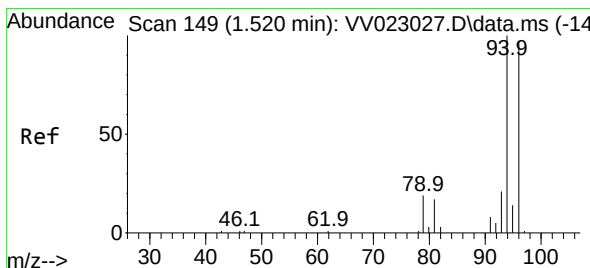
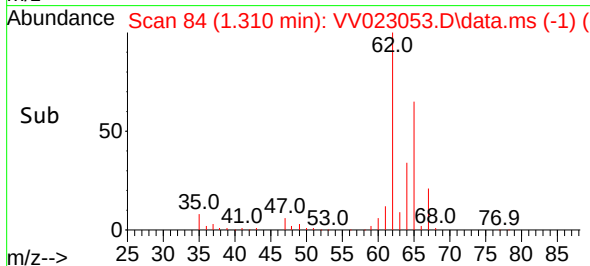
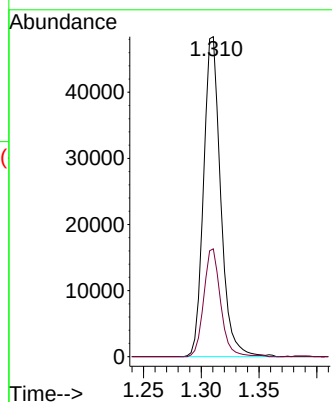
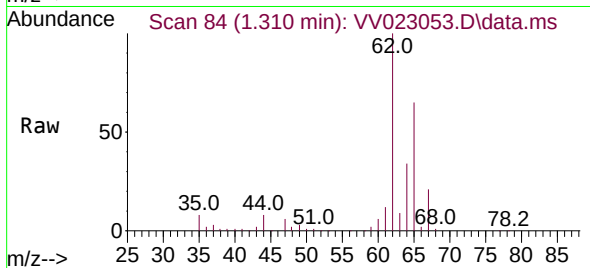




#5
 Vinyl chloride
 Concen: 6.115 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023053.D
 Acq: 27 Oct 2021 11:53

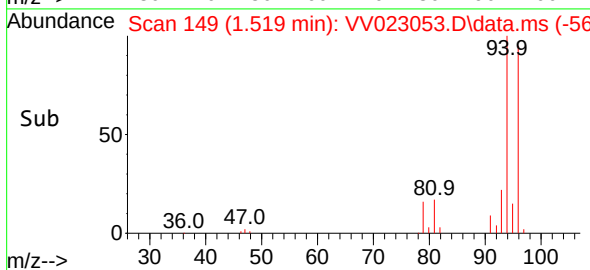
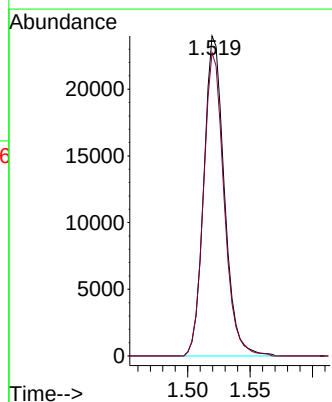
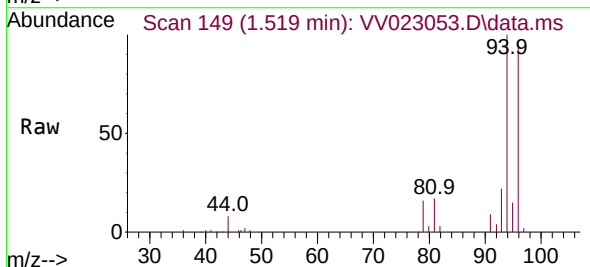
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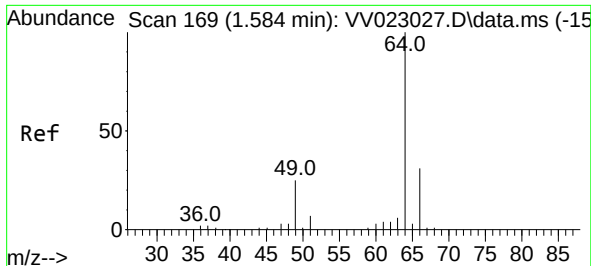
Tgt Ion: 62 Resp: 49842
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.1 42.9



#6
 Bromomethane
 Concen: 6.663 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV023053.D
 Acq: 27 Oct 2021 11:53

Tgt Ion: 94 Resp: 27438
 Ion Ratio Lower Upper
 94 100
 96 94.7 65.0 120.8

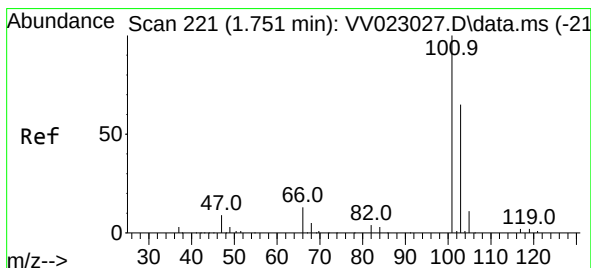
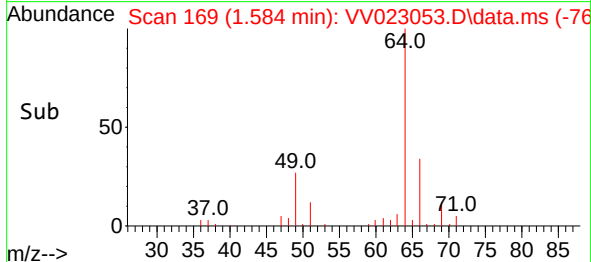
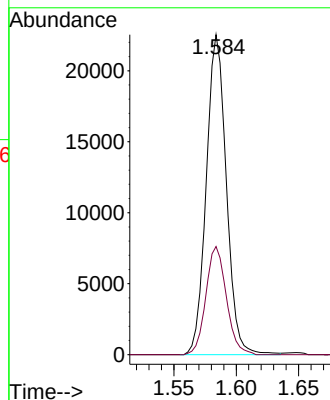
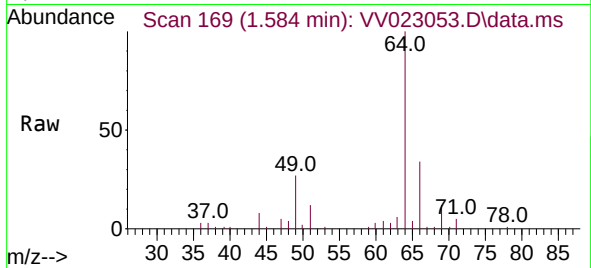




#8
Chloroethane
Concen: 5.930 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV023053.D
Acq: 27 Oct 2021 11:53

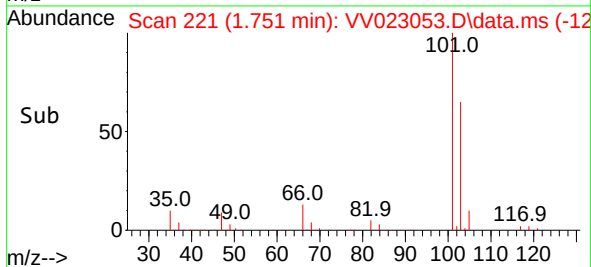
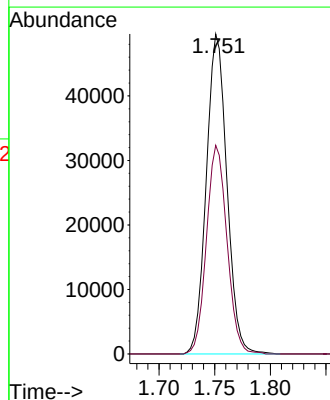
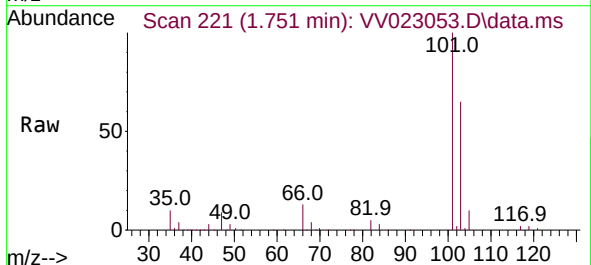
Instrument :
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ClientSampleId :
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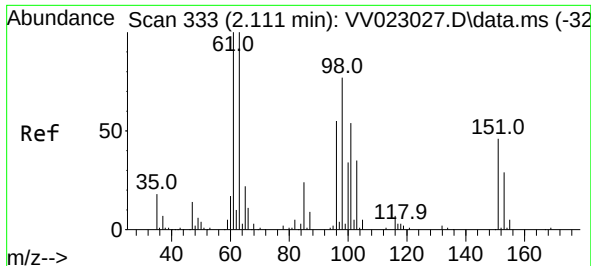
Tgt Ion: 64 Resp: 25275
Ion Ratio Lower Upper
64 100
66 33.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.802 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV023053.D
Acq: 27 Oct 2021 11:53

Tgt Ion:101 Resp: 63830
Ion Ratio Lower Upper
101 100
103 64.9 52.6 79.0

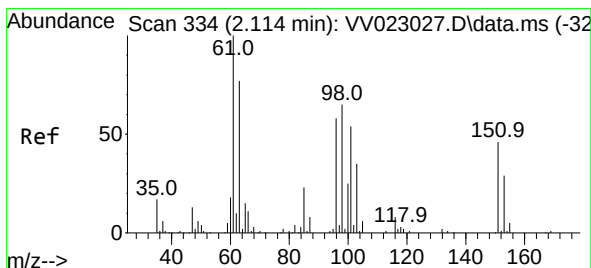
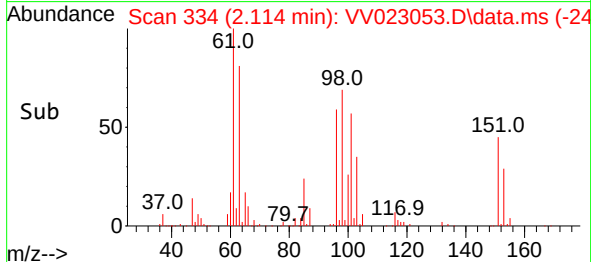
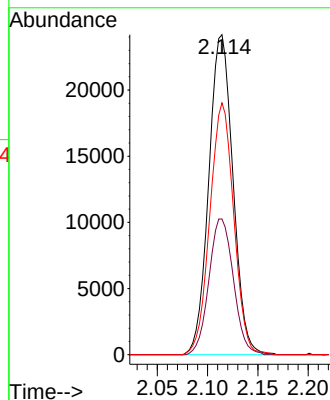
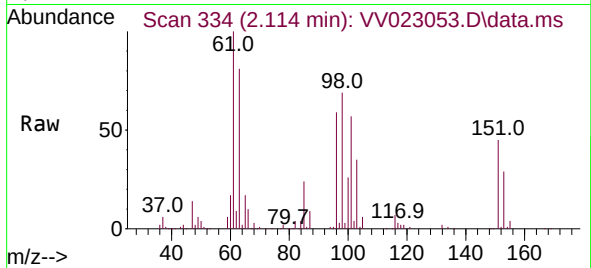




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.447 ug/L
RT: 2.114 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV023053.D
Acq: 27 Oct 2021 11:53

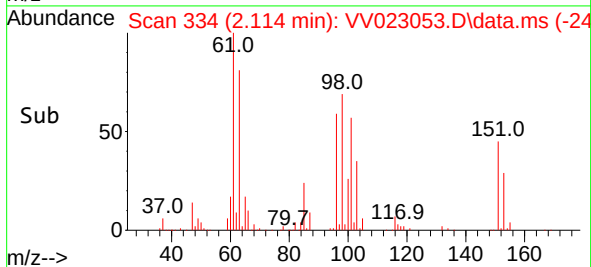
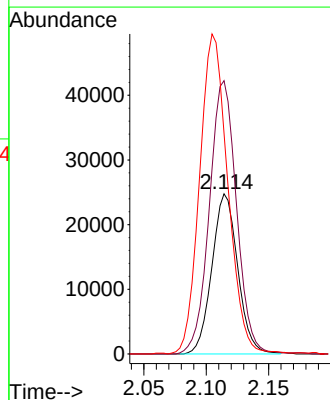
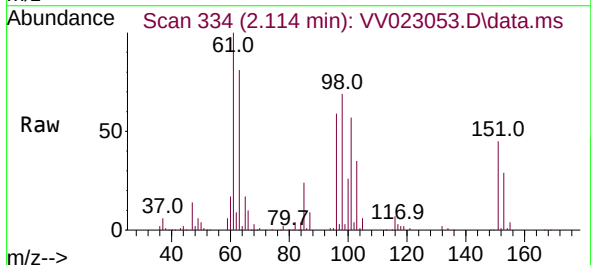
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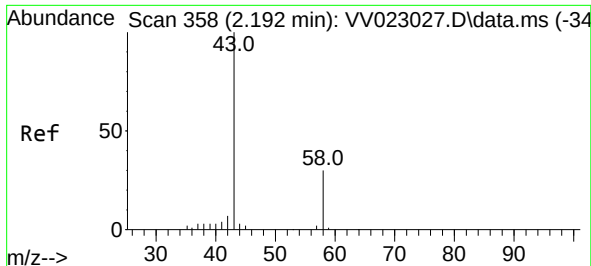
Tgt Ion:101 Resp: 40440
Ion Ratio Lower Upper
101 100
85 42.9 35.3 52.9
151 77.9 62.2 93.2



#12
1,1-Dichloroethene
Concen: 6.063 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV023053.D
Acq: 27 Oct 2021 11:53

Tgt Ion: 96 Resp: 35726
Ion Ratio Lower Upper
96 100
61 170.7 121.5 225.7
63 137.8 99.6 185.0

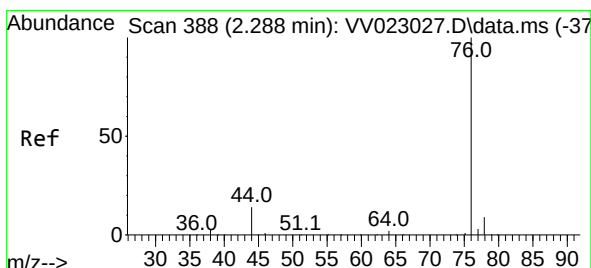
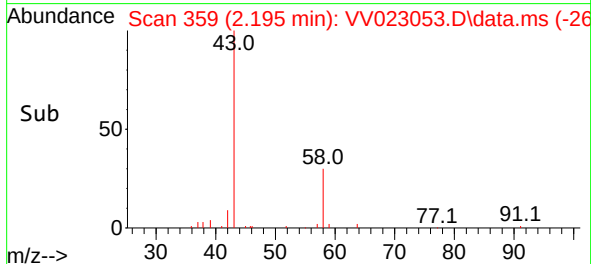
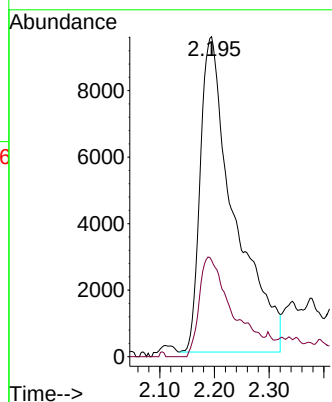
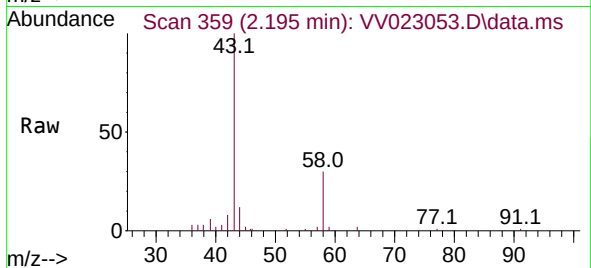




#13
Acetone
Concen: 51.636 ug/L
RT: 2.195 min Scan# 359
Delta R.T. 0.003 min
Lab File: VV023053.D
Acq: 27 Oct 2021 11:53

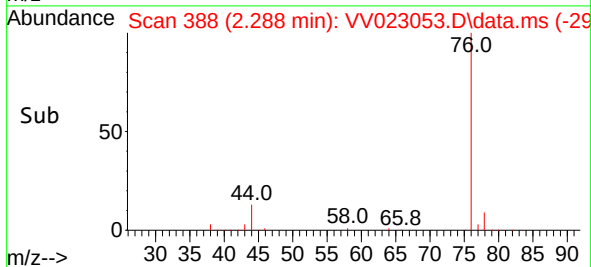
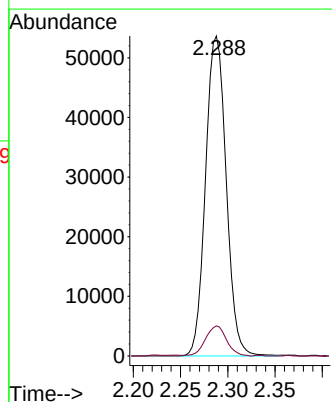
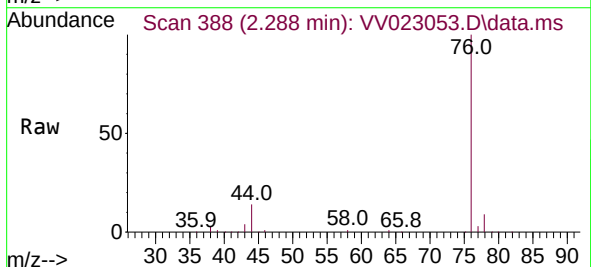
Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

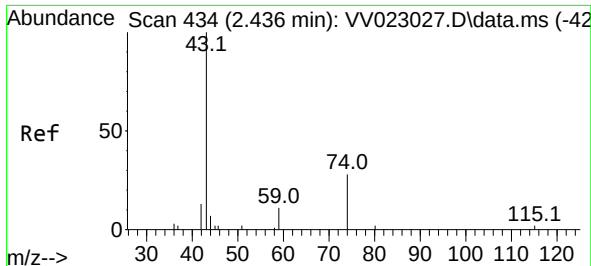
Tgt Ion: 43 Resp: 40871
Ion Ratio Lower Upper
43 100
58 30.7 0.0 55.4



#14
Carbon disulfide
Concen: 5.087 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
Lab File: VV023053.D
Acq: 27 Oct 2021 11:53

Tgt Ion: 76 Resp: 81627
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

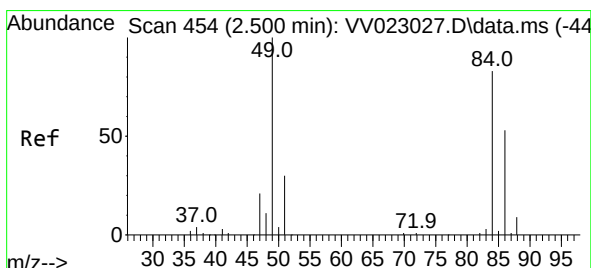
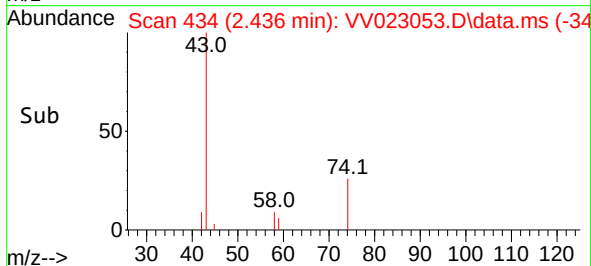
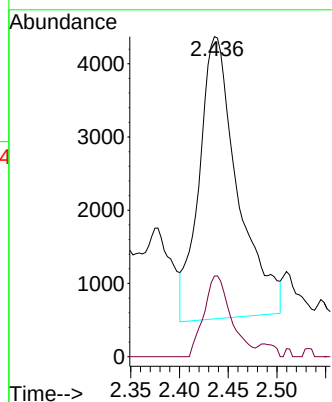
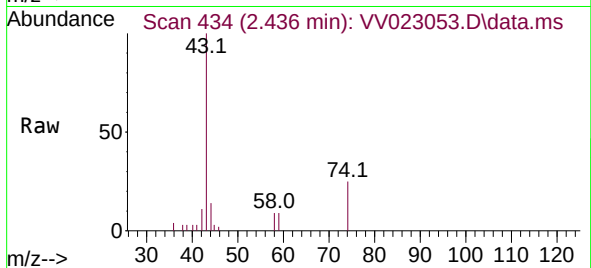




#15
Methyl Acetate
Concen: 3.511 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV023053.D
Acq: 27 Oct 2021 11:53

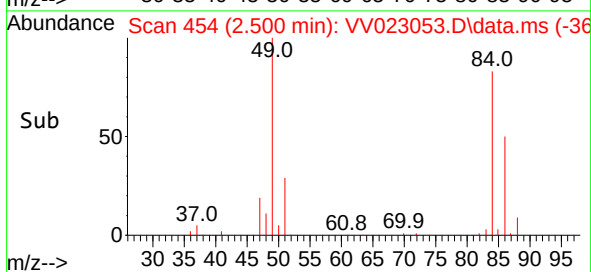
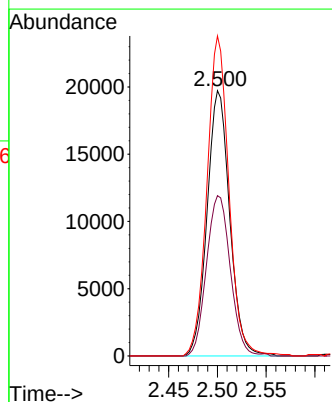
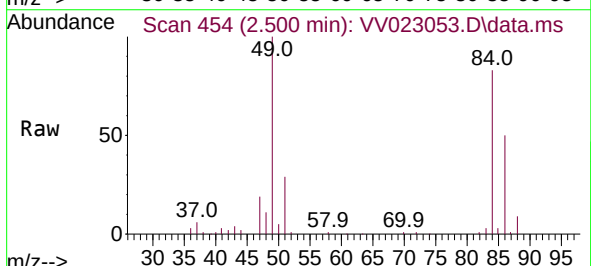
Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

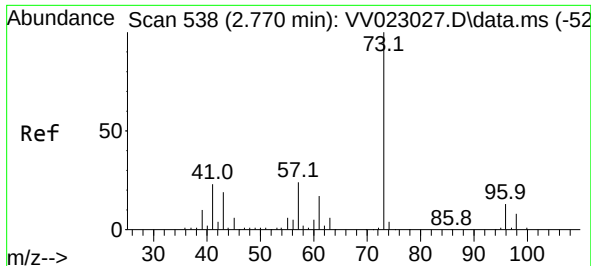
Tgt Ion: 43 Resp: 10573
Ion Ratio Lower Upper
43 100
74 20.3 22.2 33.2#



#16
Methylene chloride
Concen: 4.913 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV023053.D
Acq: 27 Oct 2021 11:53

Tgt Ion: 84 Resp: 31798
Ion Ratio Lower Upper
84 100
86 60.4 42.3 78.5
49 120.6 79.7 148.1

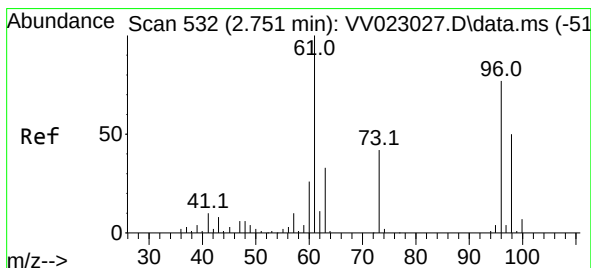
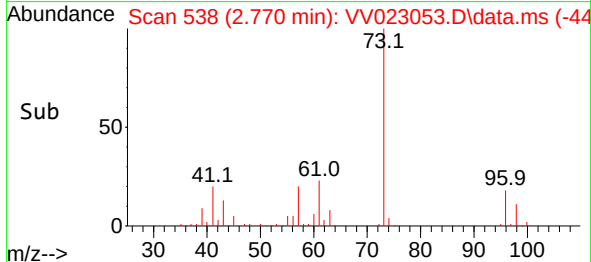
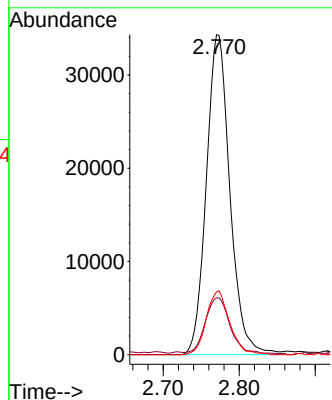
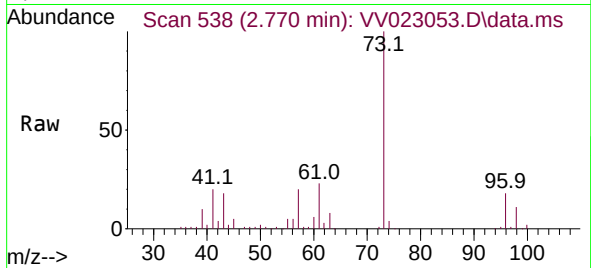




#17
Methyl tert-butyl Ether
Concen: 5.257 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV023053.D
Acq: 27 Oct 2021 11:53

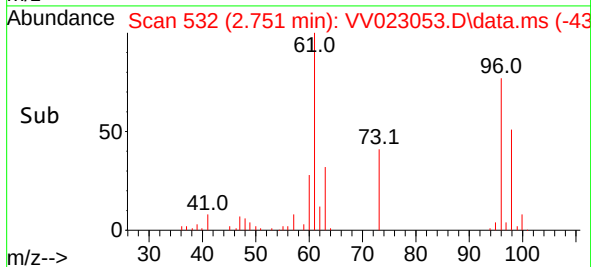
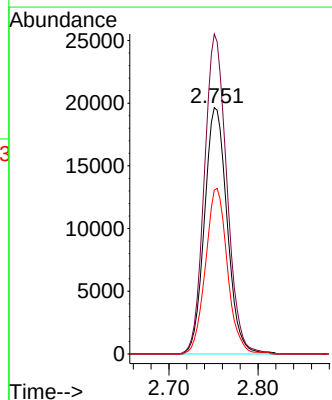
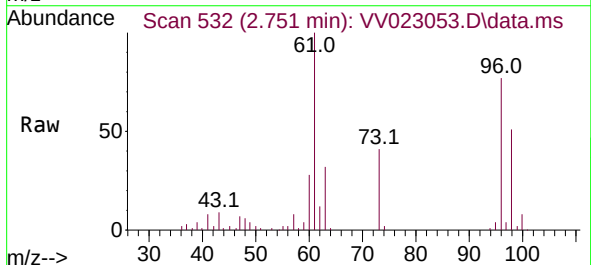
Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

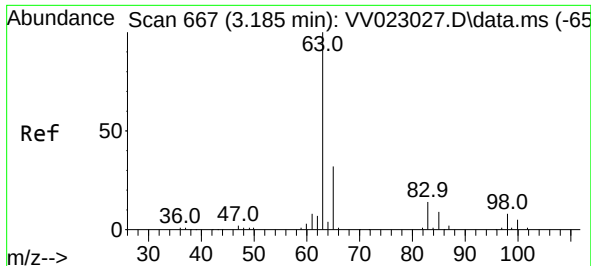
Tgt Ion: 73 Resp: 73954
Ion Ratio Lower Upper
73 100
43 19.5 17.4 26.0
57 19.7 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 5.524 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.000 min
Lab File: VV023053.D
Acq: 27 Oct 2021 11:53

Tgt Ion: 96 Resp: 34749
Ion Ratio Lower Upper
96 100
61 129.8 93.2 173.2
98 66.5 47.0 87.2





#19

1,1-Dichloroethane

Concen: 5.605 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV023053.D

Acq: 27 Oct 2021 11:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD005326

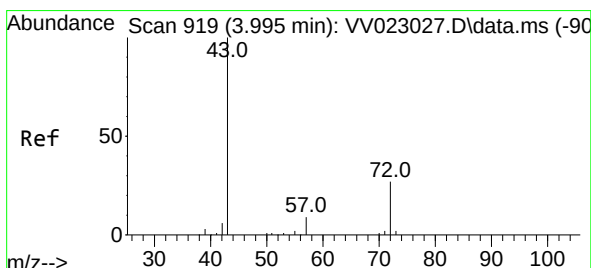
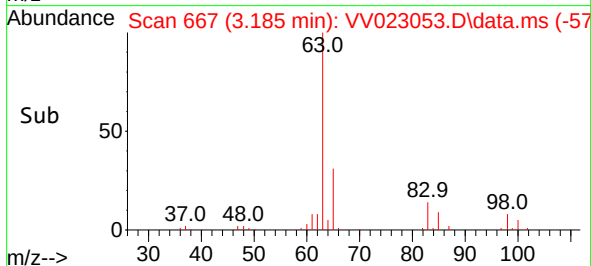
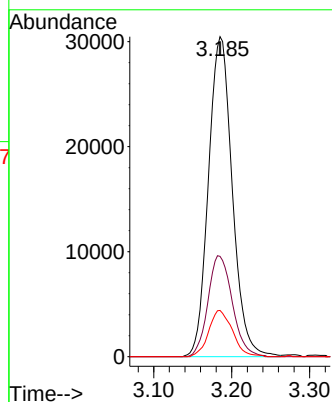
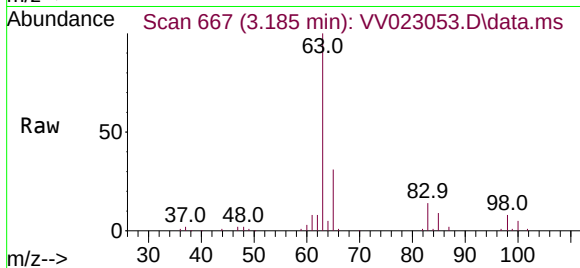
Tgt Ion: 63 Resp: 64787

Ion Ratio Lower Upper

63 100

65 31.3 22.6 42.0

83 14.4 11.1 20.7



#21

2-Butanone

Concen: 31.077 ug/L

RT: 3.995 min Scan# 919

Delta R.T. -0.000 min

Lab File: VV023053.D

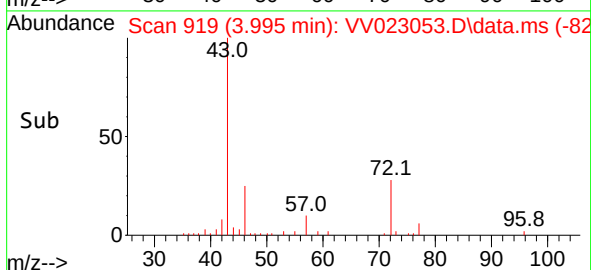
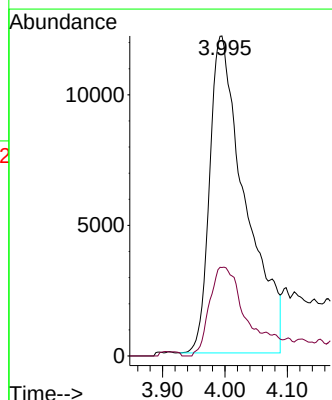
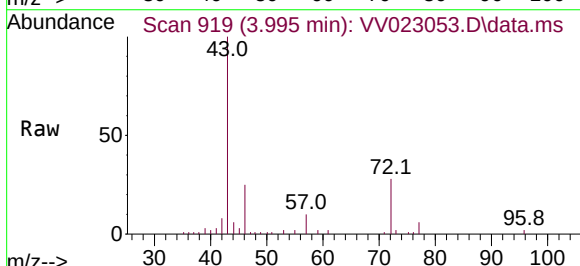
Acq: 27 Oct 2021 11:53

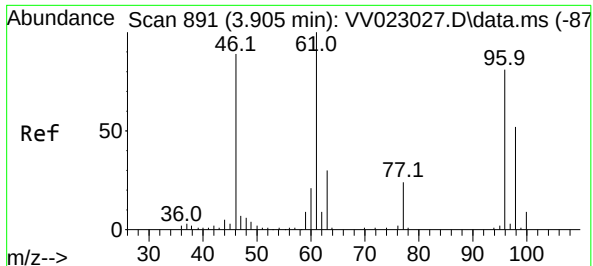
Tgt Ion: 43 Resp: 48155

Ion Ratio Lower Upper

43 100

72 26.1 11.9 35.9

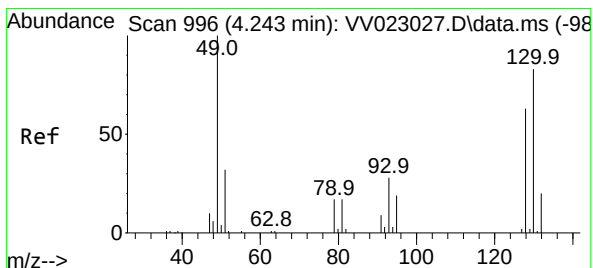
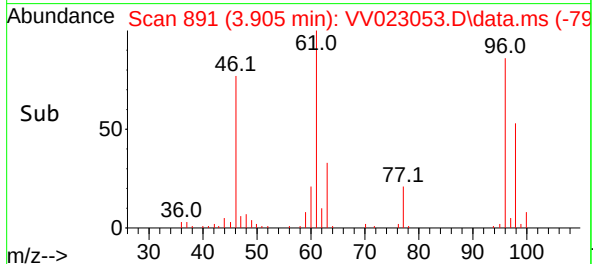
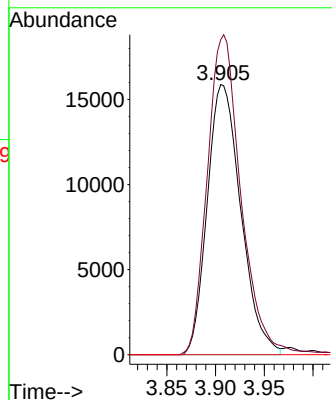
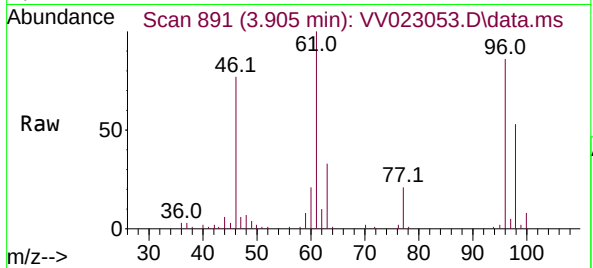




#22
 cis-1,2-Dichloroethene
 Concen: 5.348 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.000 min
 Lab File: VV023053.D
 Acq: 27 Oct 2021 11:53

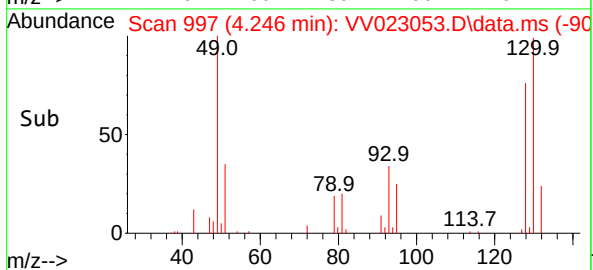
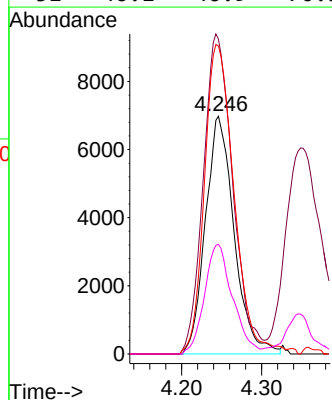
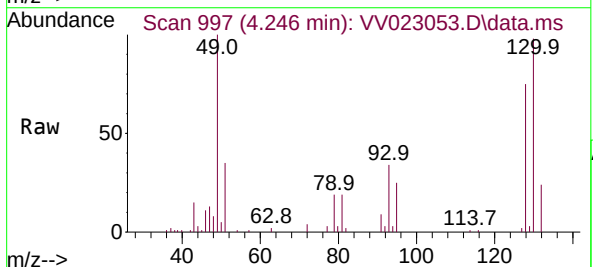
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005326

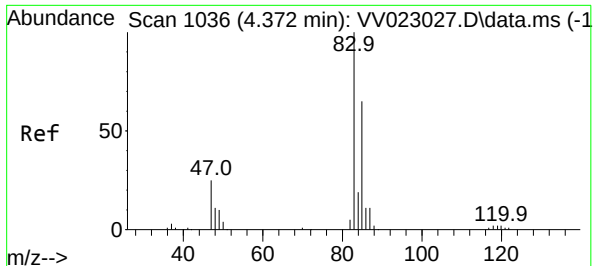
Tgt Ion: 96 Resp: 38145
 Ion Ratio Lower Upper
 96 100
 61 116.6 92.3 171.3
 68 0.0 0.4 0.8#



#23
 Bromochloromethane
 Concen: 5.376 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.003 min
 Lab File: VV023053.D
 Acq: 27 Oct 2021 11:53

Tgt Ion: 128 Resp: 17405
 Ion Ratio Lower Upper
 128 100
 49 132.5 126.1 234.3
 130 129.5 95.2 176.8
 51 46.1 46.9 70.3#





#25

Chloroform

Concen: 5.203 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VV023053.D

Acq: 27 Oct 2021 11:53

Instrument :

MSVOA_V

ClientSampleId :

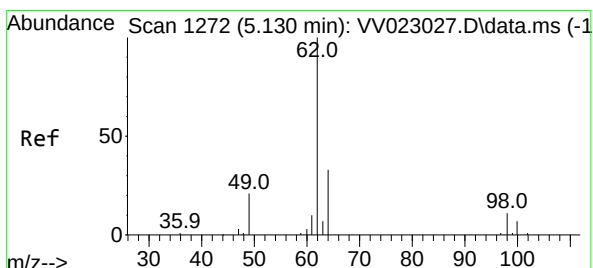
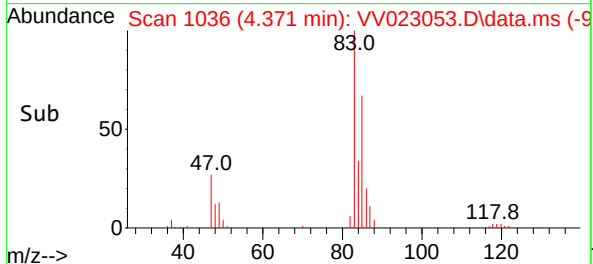
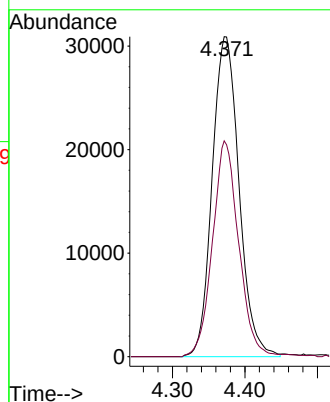
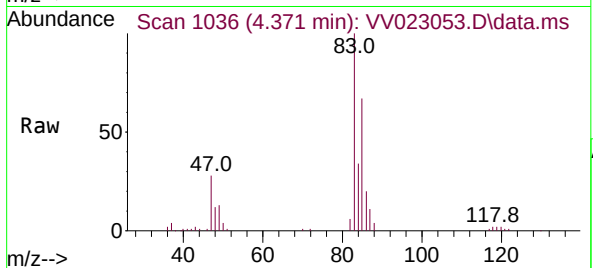
VSTD005326

Tgt Ion: 83 Resp: 79464

Ion Ratio Lower Upper

83 100

85 67.4 46.8 86.8



#27

1,2-Dichloroethane

Concen: 4.931 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VV023053.D

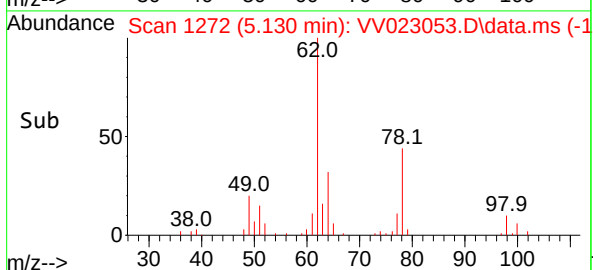
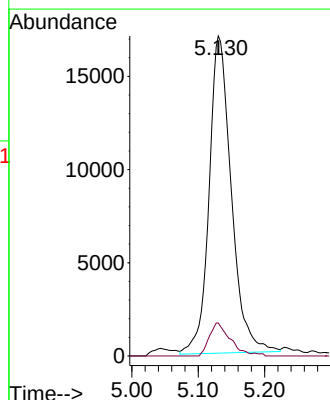
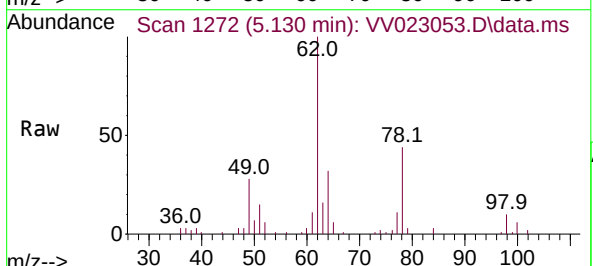
Acq: 27 Oct 2021 11:53

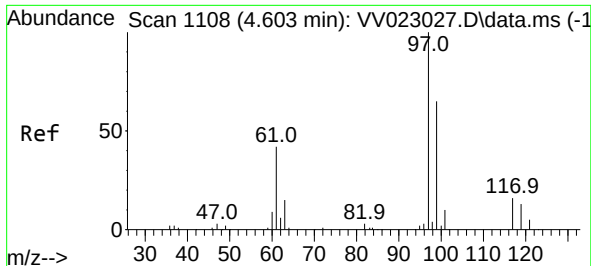
Tgt Ion: 62 Resp: 39716

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 5.135 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV023053.D

Acq: 27 Oct 2021 11:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD005326

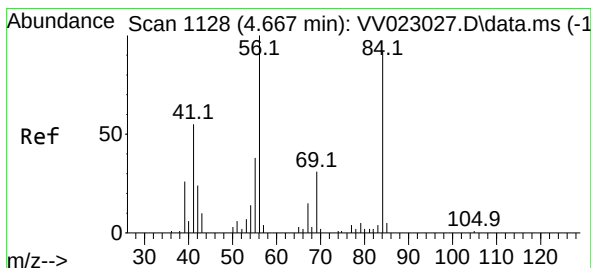
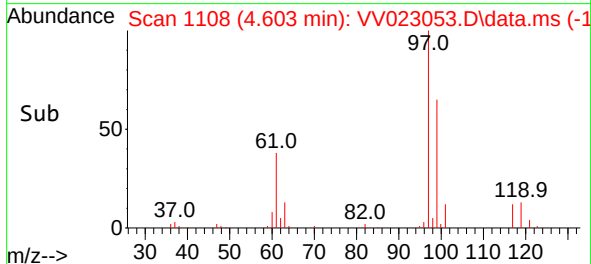
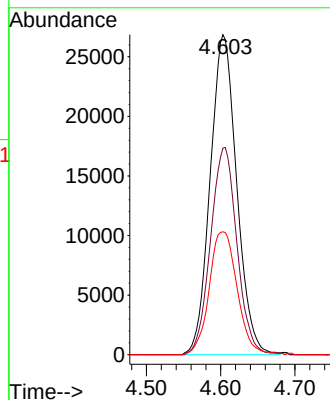
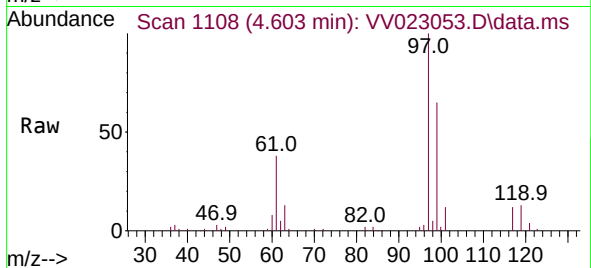
Tgt Ion: 97 Resp: 66719

Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.4

61 40.5 34.1 51.1



#30

Cyclohexane

Concen: 4.568 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV023053.D

Acq: 27 Oct 2021 11:53

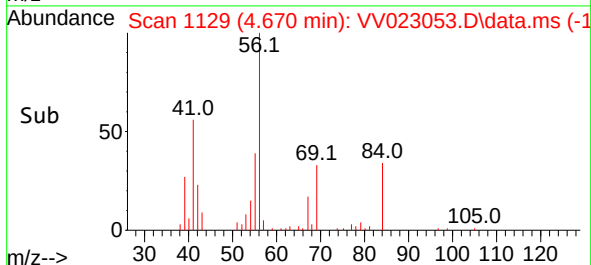
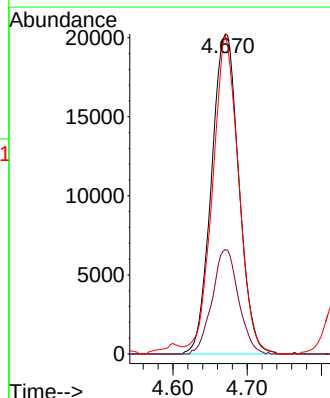
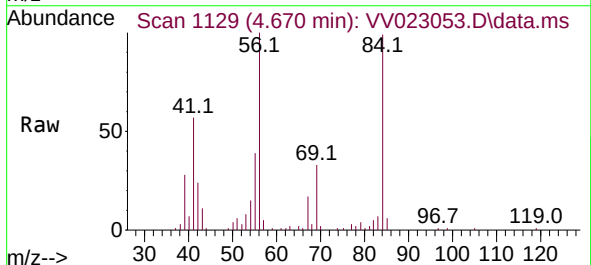
Tgt Ion: 56 Resp: 51818

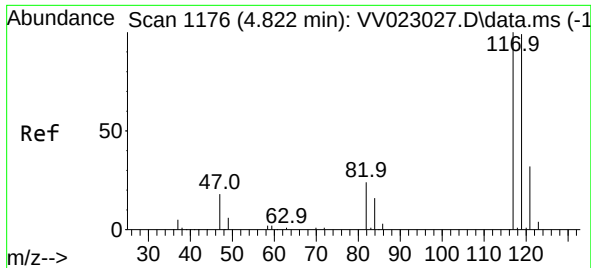
Ion Ratio Lower Upper

56 100

69 31.4 23.5 35.3

84 95.1 71.6 107.4

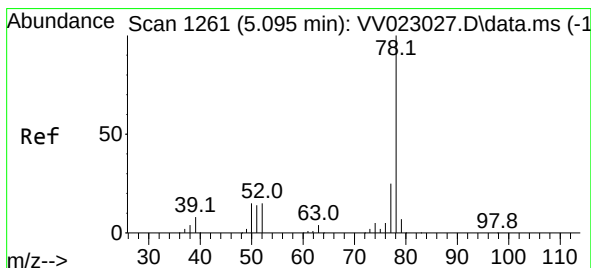
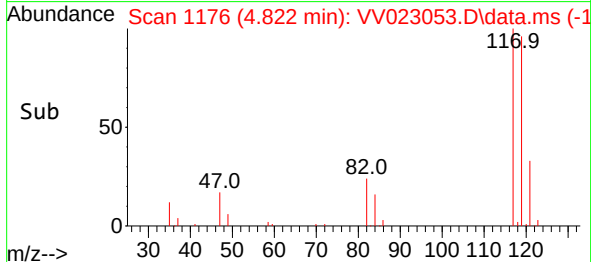
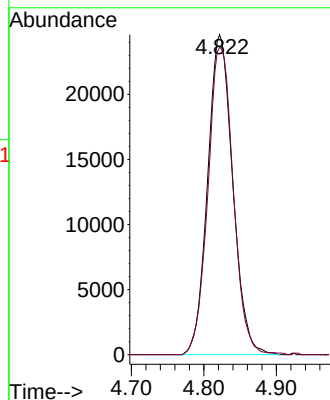
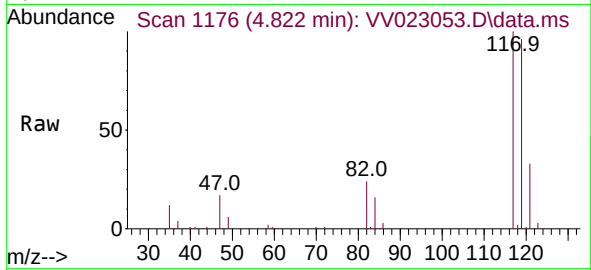




#31
Carbon tetrachloride
Concen: 5.288 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VV023053.D
Acq: 27 Oct 2021 11:53

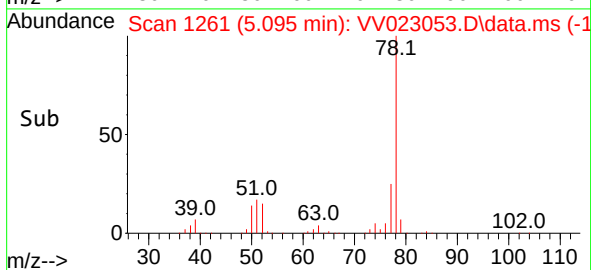
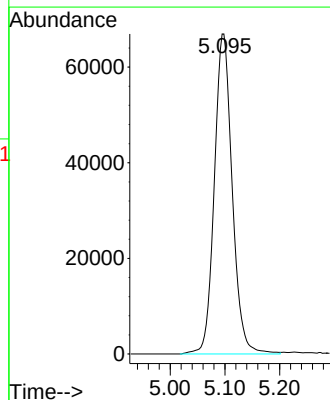
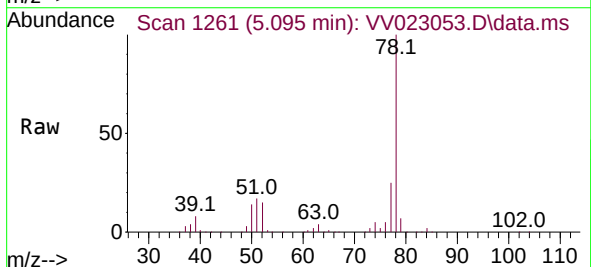
Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

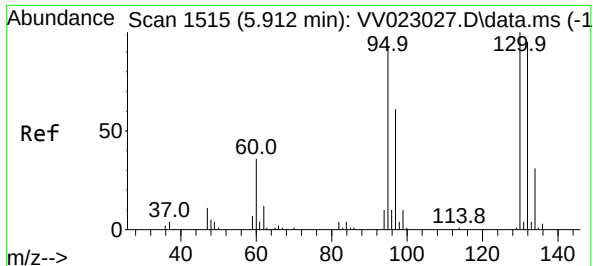
Tgt Ion:117 Resp: 59116
Ion Ratio Lower Upper
117 100
119 96.9 78.8 118.2



#33
Benzene
Concen: 4.917 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV023053.D
Acq: 27 Oct 2021 11:53

Tgt Ion: 78 Resp: 152131



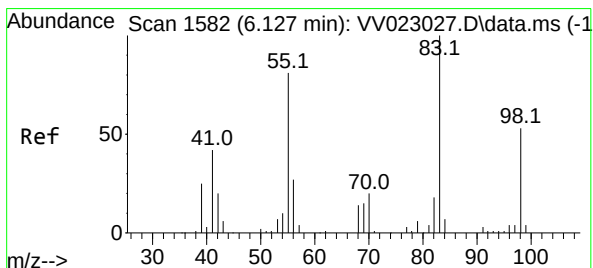
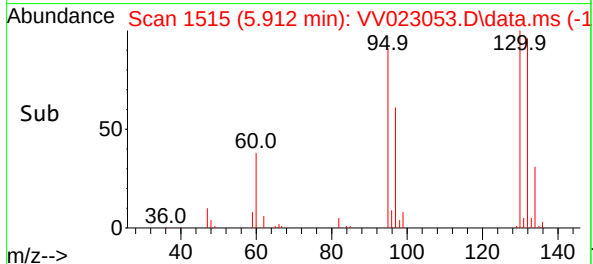
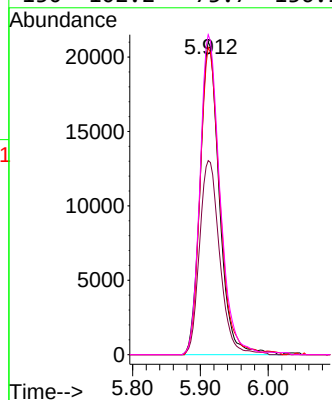
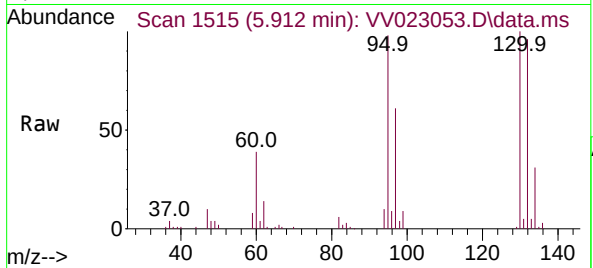


#34
Trichloroethene
Concen: 5.338 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV023053.D
Acq: 27 Oct 2021 11:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

Tgt Ion: 95 Resp: 41487

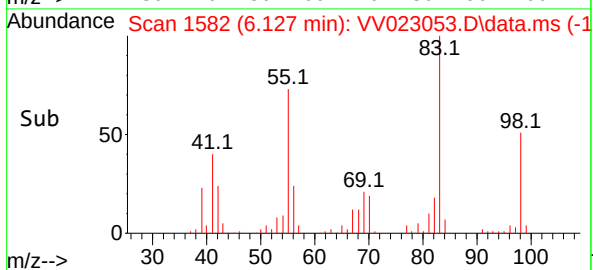
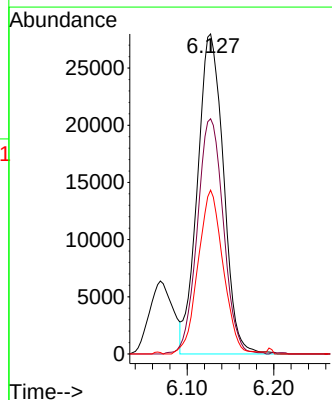
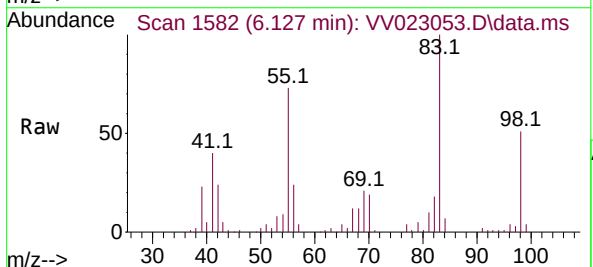
Ion	Ratio	Lower	Upper
95	100		
97	62.0	45.0	83.6
132	98.1	69.7	129.4
130	102.2	73.7	136.9

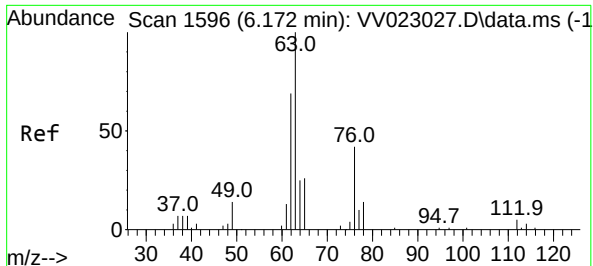


#35
Methylcyclohexane
Concen: 5.250 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV023053.D
Acq: 27 Oct 2021 11:53

Tgt Ion: 83 Resp: 58434

Ion	Ratio	Lower	Upper
83	100		
55	73.7	62.8	94.2
98	49.5	37.9	56.9





#37

1,2-Dichloropropane

Concen: 4.732 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. -0.000 min

Lab File: VV023053.D

Acq: 27 Oct 2021 11:53

Instrument :

MSVOA_V

ClientSampleId :

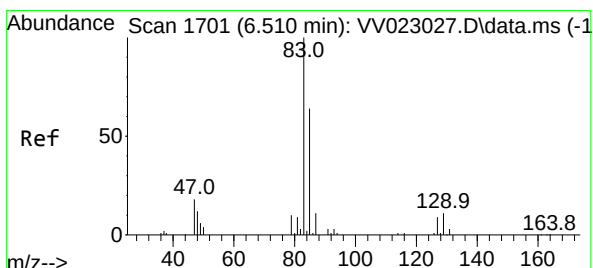
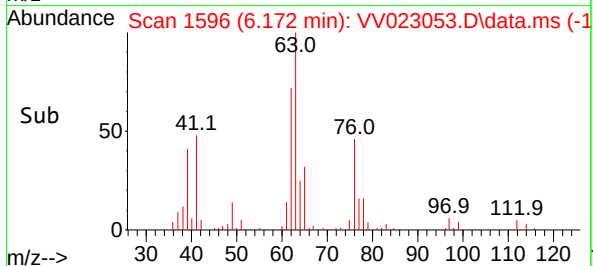
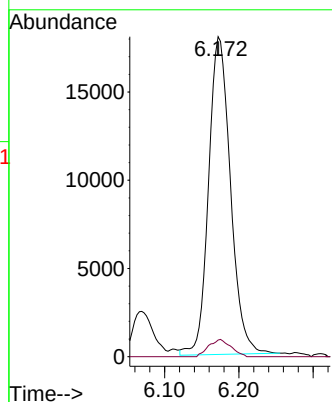
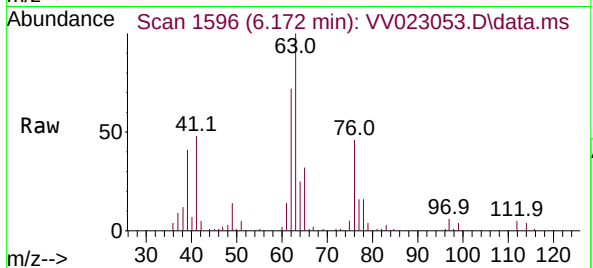
VSTD005326

Tgt Ion: 63 Resp: 36906

Ion Ratio Lower Upper

63 100

112 5.5 4.6 6.8



#38

Bromodichloromethane

Concen: 5.138 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV023053.D

Acq: 27 Oct 2021 11:53

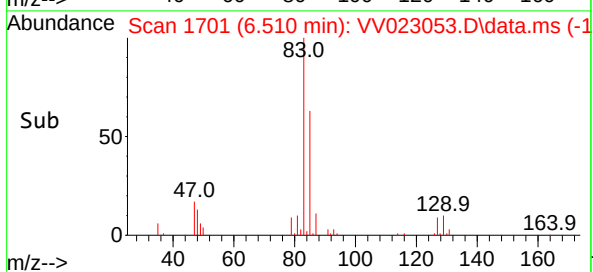
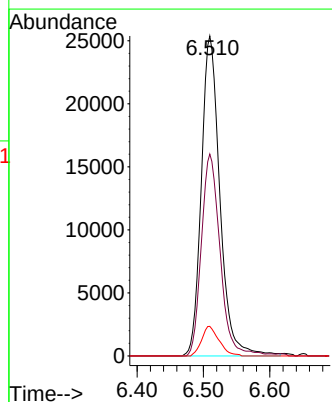
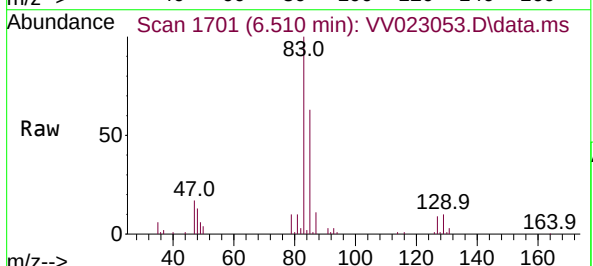
Tgt Ion: 83 Resp: 49423

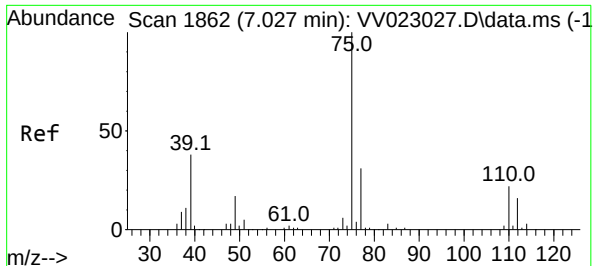
Ion Ratio Lower Upper

83 100

85 63.1 46.1 85.7

127 9.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.269 ug/L

RT: 7.027 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV023053.D

Acq: 27 Oct 2021 11:53

Instrument :

MSVOA_V

ClientSampleId :

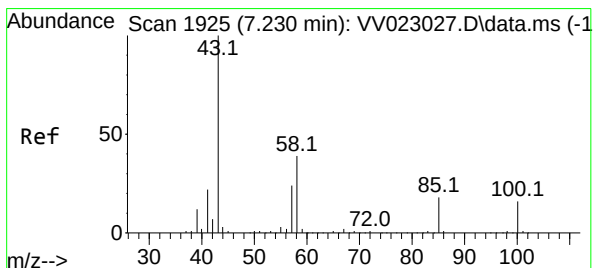
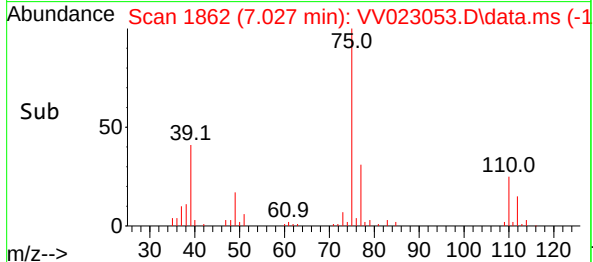
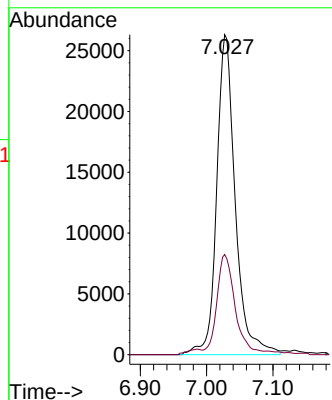
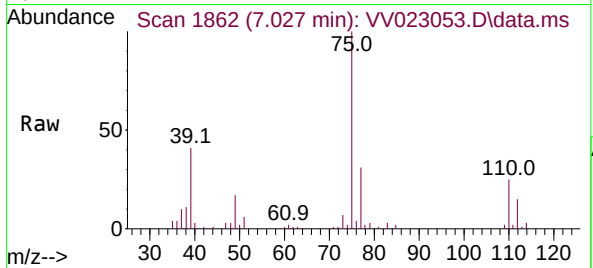
VSTD005326

Tgt Ion: 75 Resp: 51169

Ion Ratio Lower Upper

75 100

77 31.3 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 49.904 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. -0.000 min

Lab File: VV023053.D

Acq: 27 Oct 2021 11:53

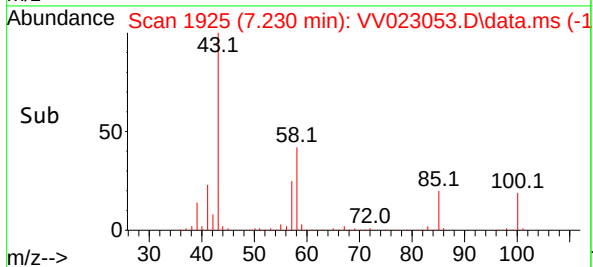
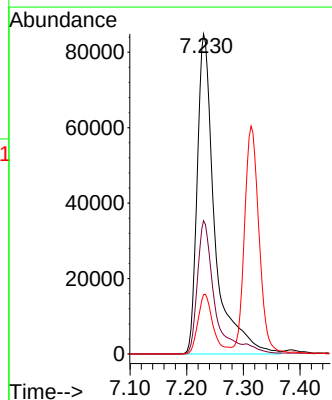
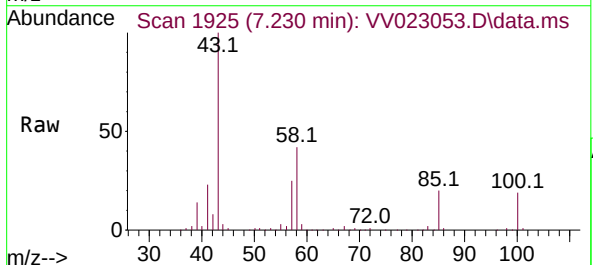
Tgt Ion: 43 Resp: 183214

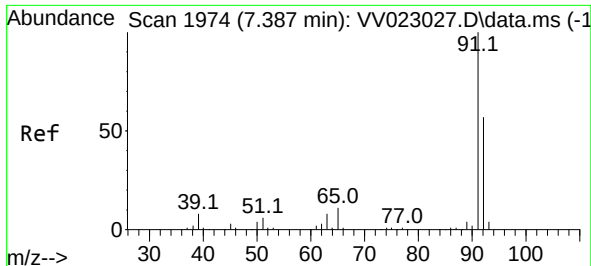
Ion Ratio Lower Upper

43 100

58 39.0 31.1 46.7

100 16.3 12.6 19.0

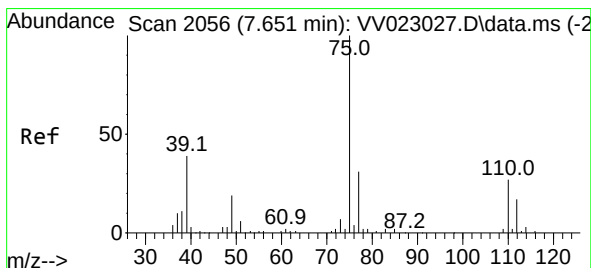
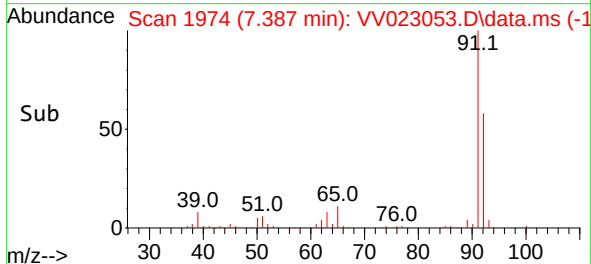
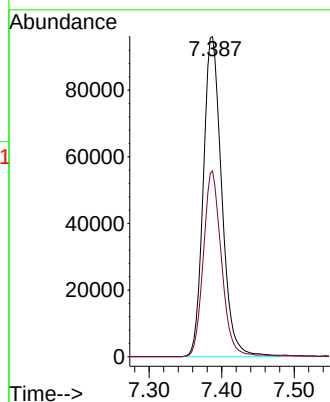
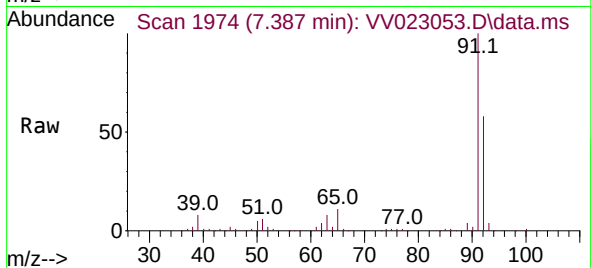




#42
Toluene
Concen: 5.407 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VV023053.D
Acq: 27 Oct 2021 11:53

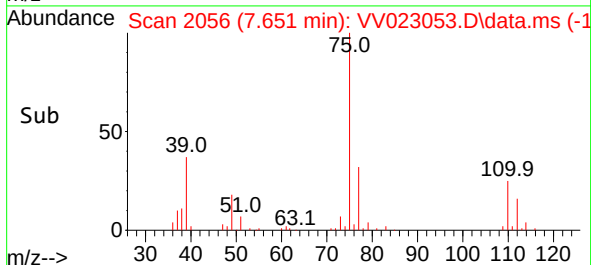
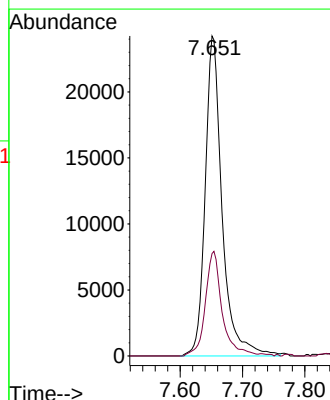
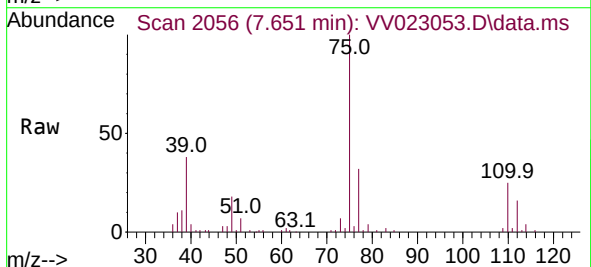
Instrument : MSVOA_V
ClientSampleId : VSTD005326

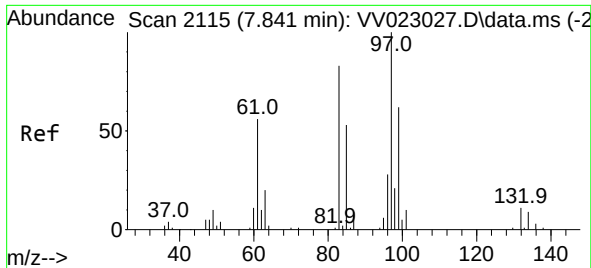
Tgt Ion: 91 Resp: 169522
Ion Ratio Lower Upper
91 100
92 58.1 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 5.703 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VV023053.D
Acq: 27 Oct 2021 11:53

Tgt Ion: 75 Resp: 45812
Ion Ratio Lower Upper
75 100
77 32.0 22.5 41.7

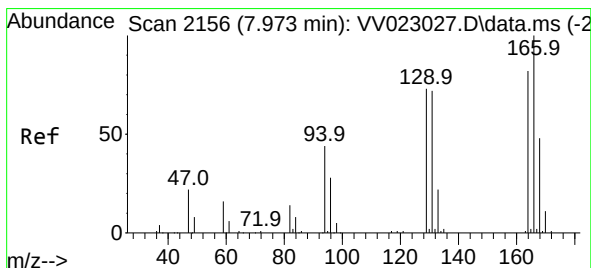
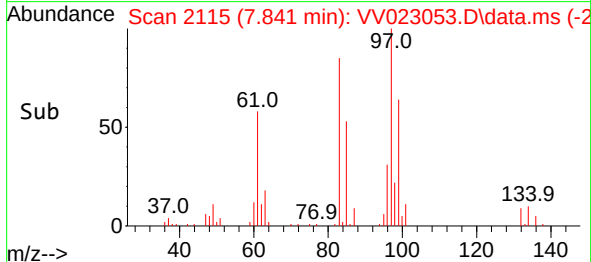
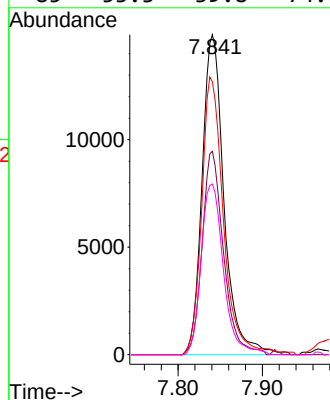
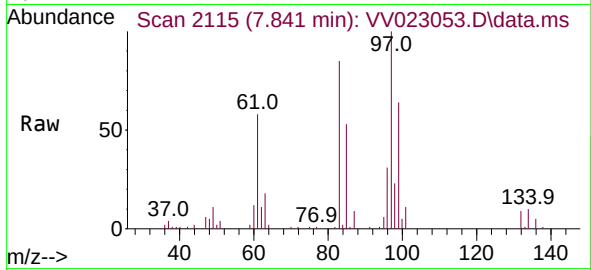




#45
1,1,2-Trichloroethane
Concen: 4.947 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV023053.D
Acq: 27 Oct 2021 11:53

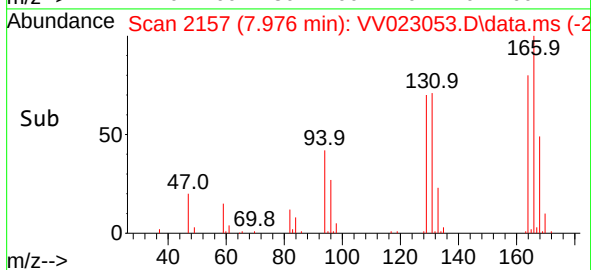
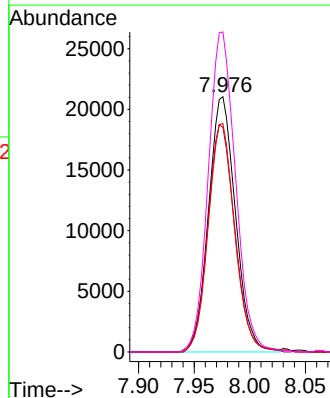
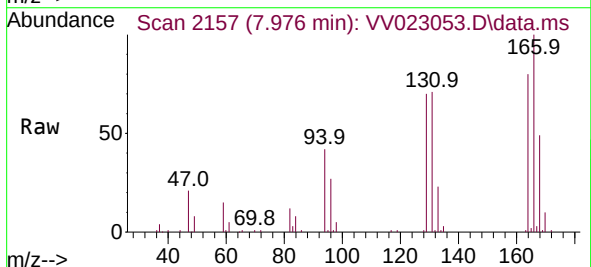
Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

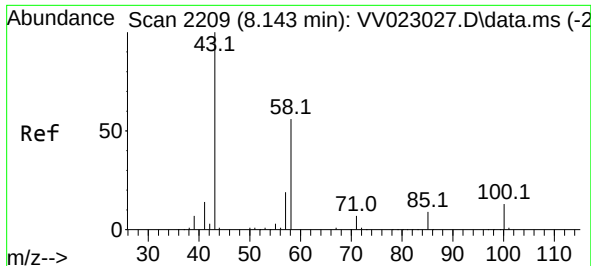
Tgt Ion: 97	Resp: 26990
Ion Ratio	Lower Upper
97 100	
99 63.5	43.6 81.0
83 85.3	58.4 108.4
85 53.3	39.8 74.0



#47
Tetrachloroethene
Concen: 5.395 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023053.D
Acq: 27 Oct 2021 11:53

Tgt	Ion:164	Resp:	35427
Ion	Ratio	Lower	Upper
164	100		
129	88.0	64.0	119.0
131	89.5	63.4	117.8
166	125.4	89.3	165.9



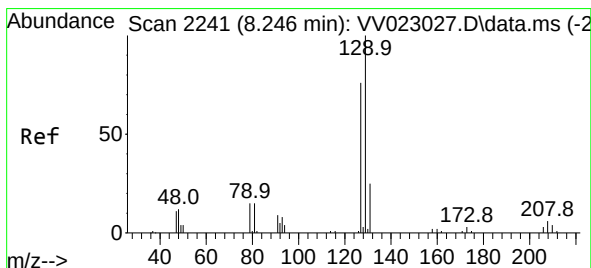
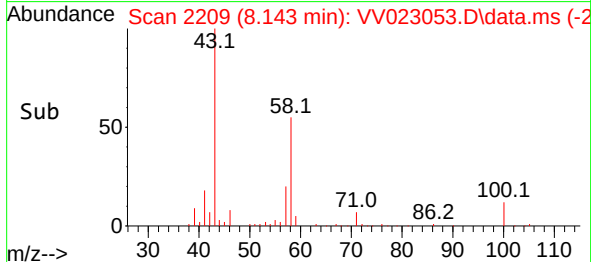
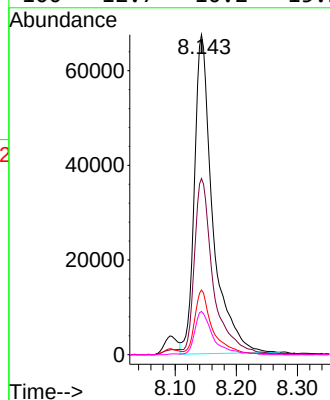
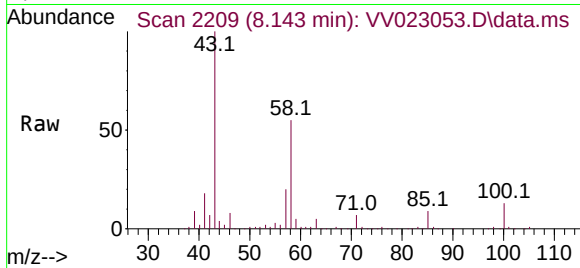


#48
2-Hexanone
Concen: 51.626 ug/L
RT: 8.143 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023053.D
Acq: 27 Oct 2021 11:53

Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

Tgt Ion: 43 Resp: 140698

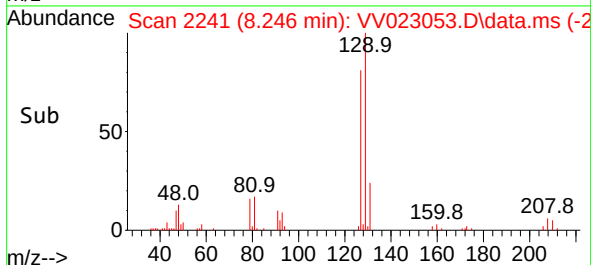
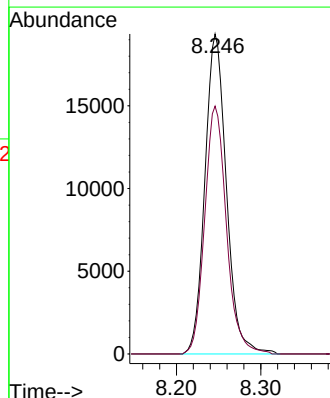
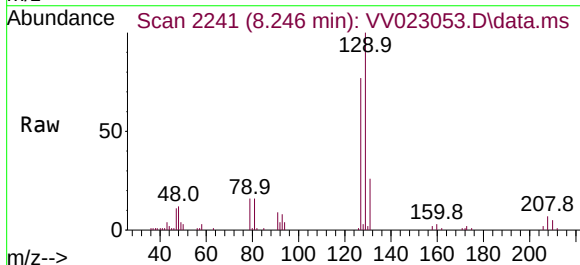
Ion	Ratio	Lower	Upper
43	100		
58	55.6	43.7	65.5
57	19.2	14.1	21.1
100	12.7	10.2	15.2

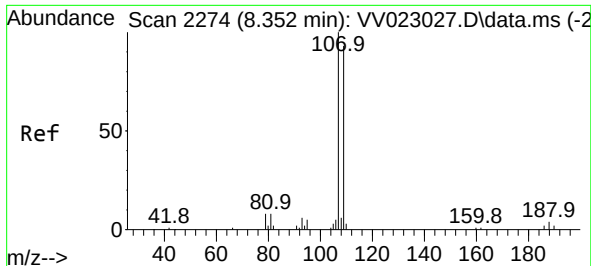


#49
Dibromochloromethane
Concen: 5.289 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV023053.D
Acq: 27 Oct 2021 11:53

Tgt Ion: 129 Resp: 34333

Ion	Ratio	Lower	Upper
129	100		
127	77.5	54.7	101.7





#50

1,2-Dibromoethane

Concen: 5.110 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV023053.D

Acq: 27 Oct 2021 11:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD005326

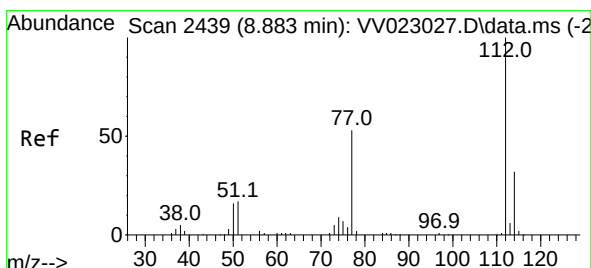
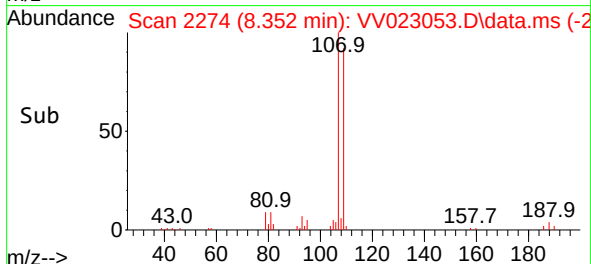
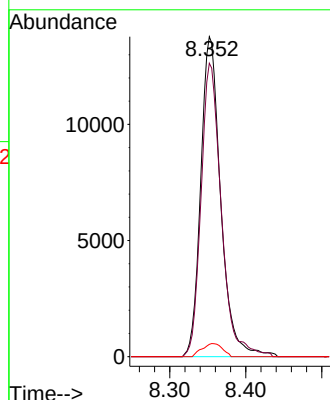
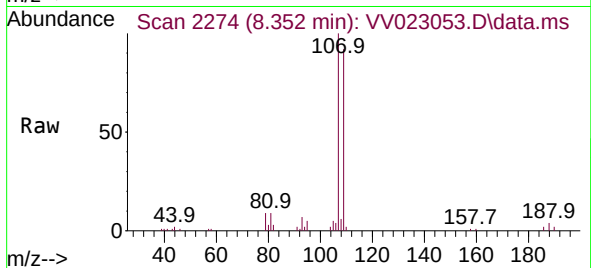
Tgt Ion:107 Resp: 25101

Ion Ratio Lower Upper

107 100

109 91.7 64.7 120.1

188 3.9 3.6 5.4



#51

Chlorobenzene

Concen: 5.319 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.003 min

Lab File: VV023053.D

Acq: 27 Oct 2021 11:53

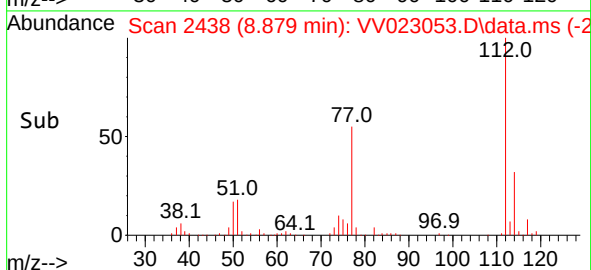
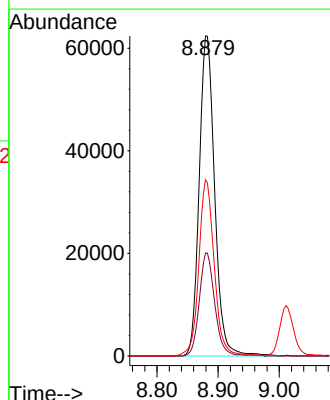
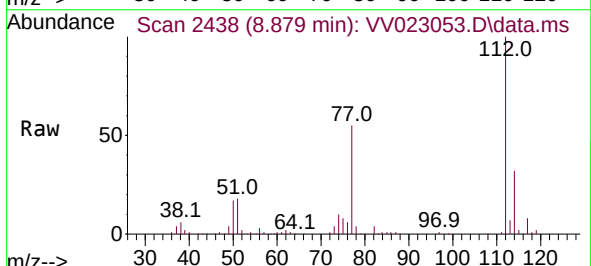
Tgt Ion:112 Resp: 109552

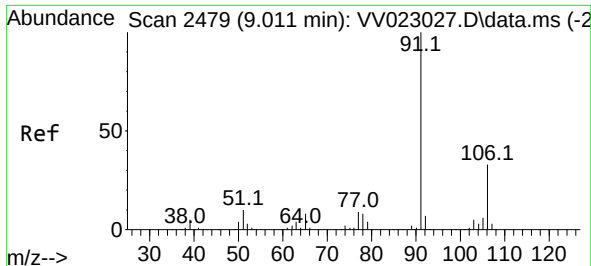
Ion Ratio Lower Upper

112 100

114 32.2 22.0 40.8

77 55.0 44.4 66.6

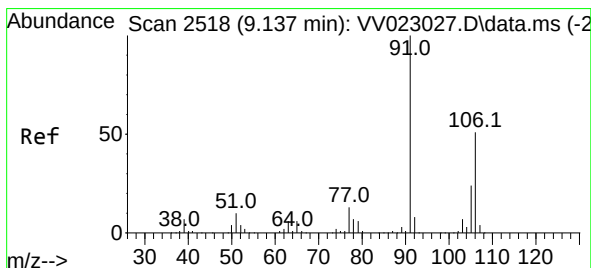
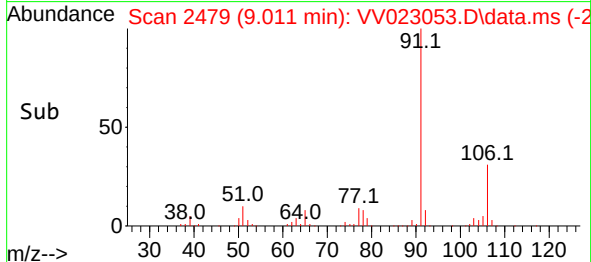
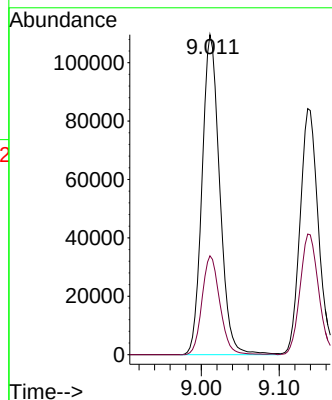
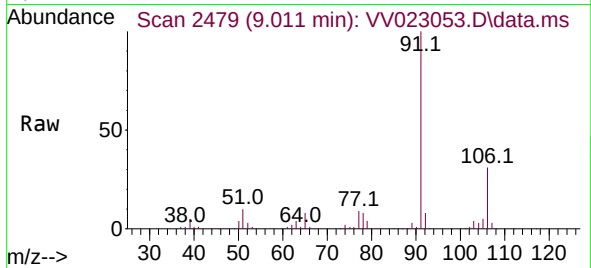




#52
Ethylbenzene
Concen: 5.549 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV023053.D
Acq: 27 Oct 2021 11:53

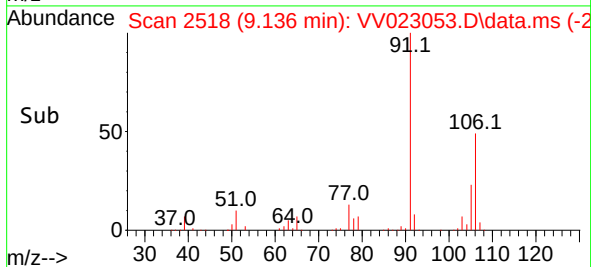
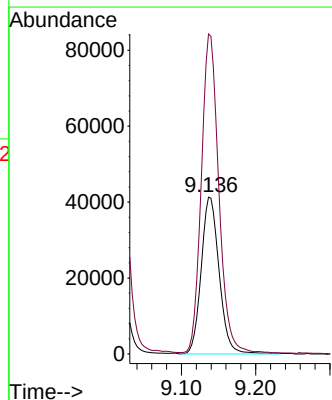
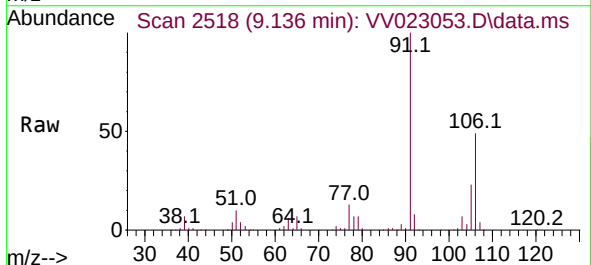
Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

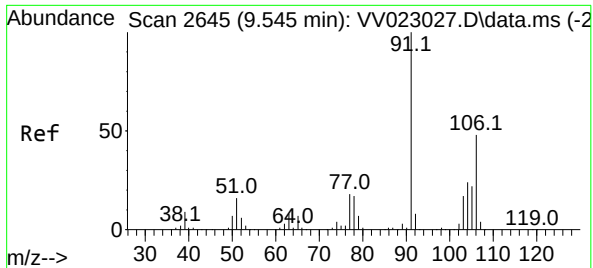
Tgt Ion: 91 Resp: 172687
Ion Ratio Lower Upper
91 100
106 30.9 22.5 41.9



#53
m,p-xylene
Concen: 5.553 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV023053.D
Acq: 27 Oct 2021 11:53

Tgt Ion: 106 Resp: 69302
Ion Ratio Lower Upper
106 100
91 204.0 137.2 254.8

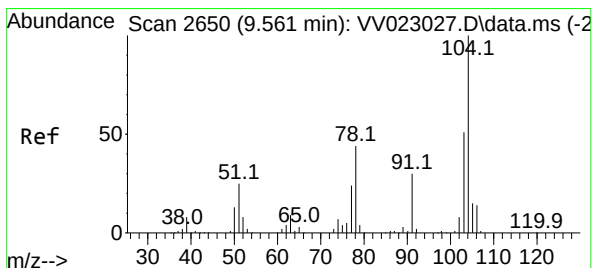
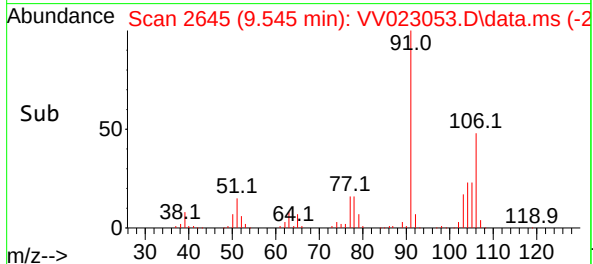
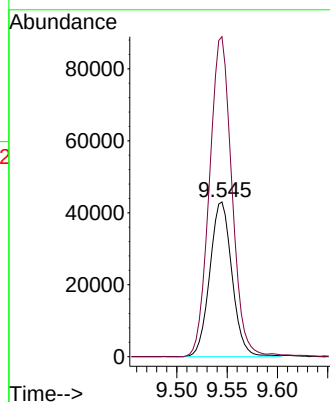
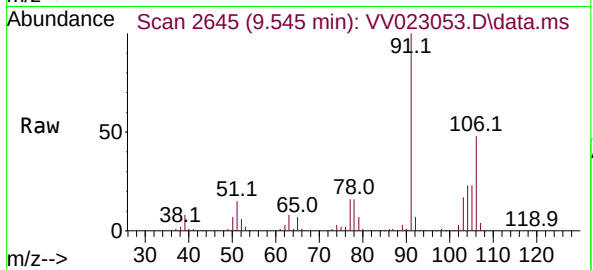




#54
o-xylene
Concen: 5.618 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV023053.D
Acq: 27 Oct 2021 11:53

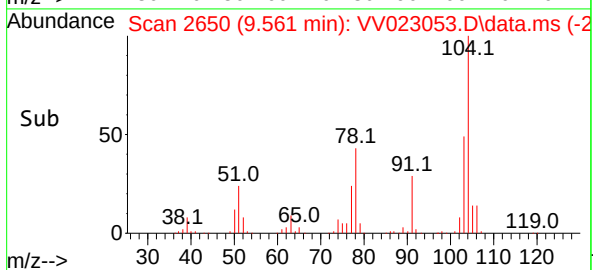
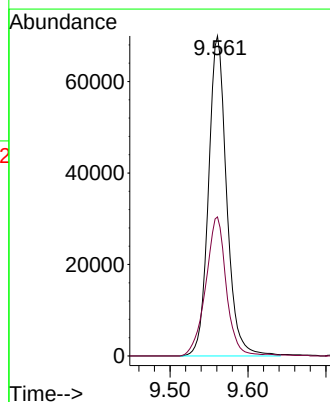
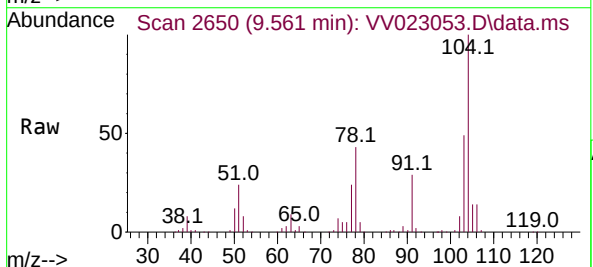
Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

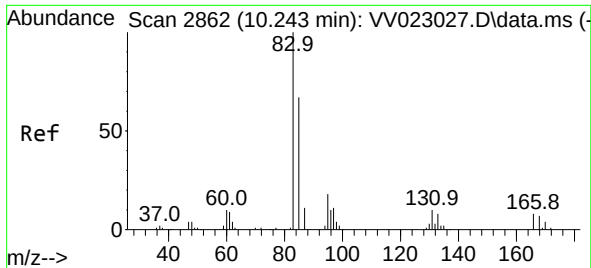
Tgt Ion:106 Resp: 66008
Ion Ratio Lower Upper
106 100
91 206.9 148.3 275.5



#55
Styrene
Concen: 5.593 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV023053.D
Acq: 27 Oct 2021 11:53

Tgt Ion:104 Resp: 113474
Ion Ratio Lower Upper
104 100
78 43.4 29.3 54.3

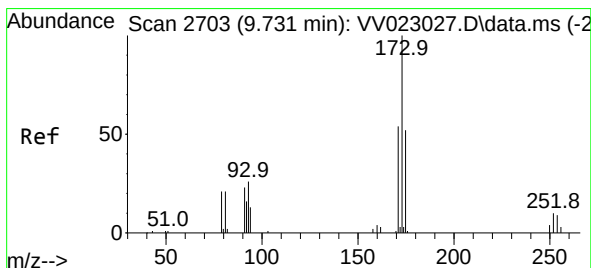
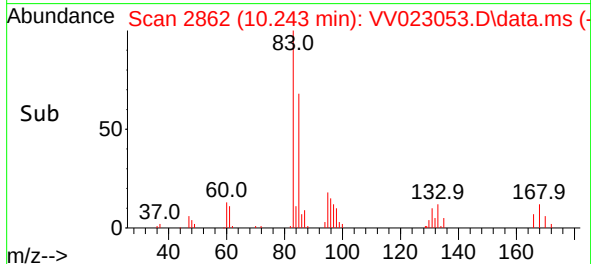
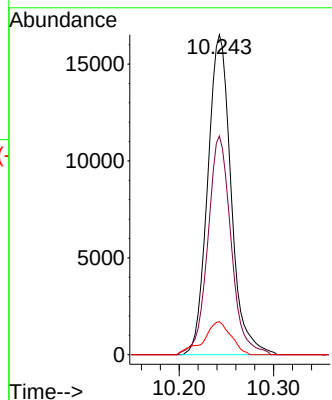
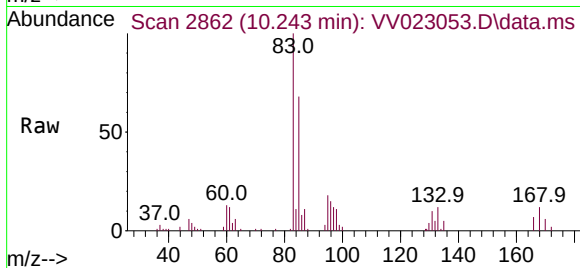




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.645 ug/L
 RT: 10.243 min Scan# 2862
 Delta R.T. -0.000 min
 Lab File: VV023053.D
 Acq: 27 Oct 2021 11:53

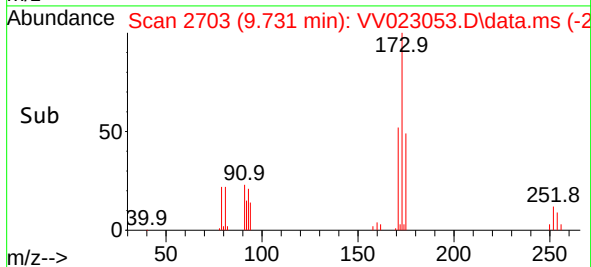
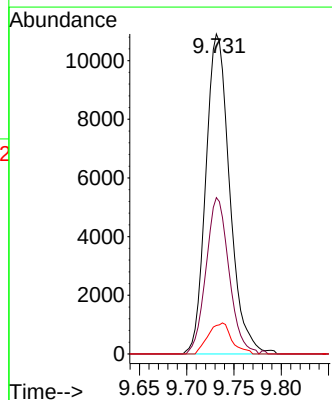
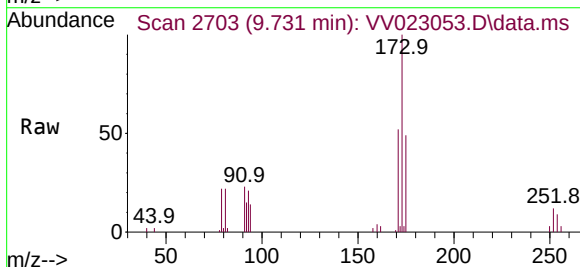
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005326

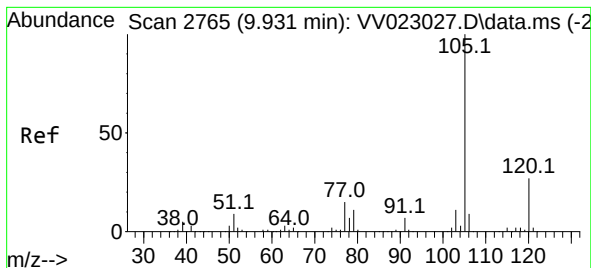
Tgt Ion:	83	Resp:	28328
Ion	Ratio	Lower	Upper
83	100		
85	68.4	45.1	83.9
131	10.3	7.8	11.6



#59
 Bromoform
 Concen: 5.109 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. -0.000 min
 Lab File: VV023053.D
 Acq: 27 Oct 2021 11:53

Tgt Ion:	173	Resp:	19145
Ion	Ratio	Lower	Upper
173	100		
175	47.1	38.2	57.2
254	9.6	6.2	9.2#





#60

Isopropylbenzene

Concen: 5.475 ug/L

RT: 9.931 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV023053.D

Acq: 27 Oct 2021 11:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD005326

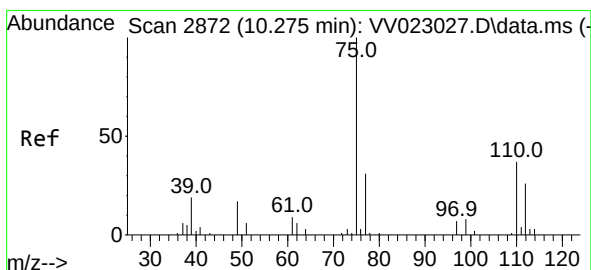
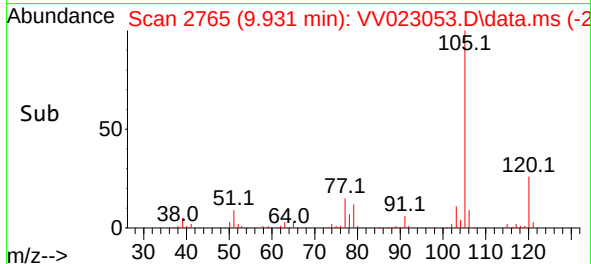
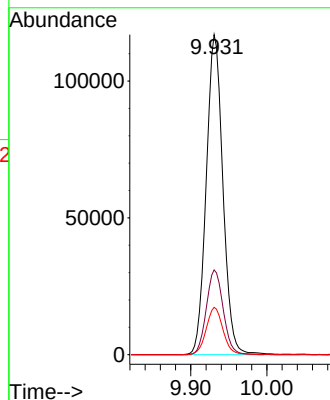
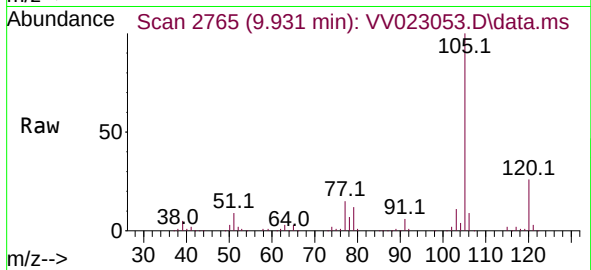
Tgt Ion:105 Resp: 178056

Ion Ratio Lower Upper

105 100

120 26.9 21.7 32.5

77 14.9 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 4.724 ug/L

RT: 10.275 min Scan# 2872

Delta R.T. -0.000 min

Lab File: VV023053.D

Acq: 27 Oct 2021 11:53

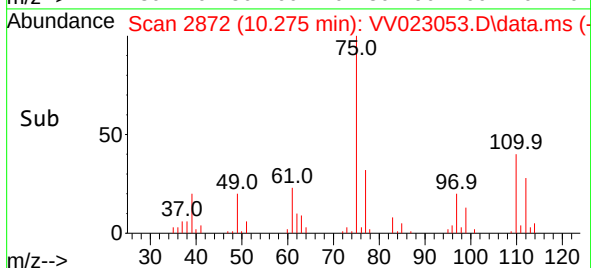
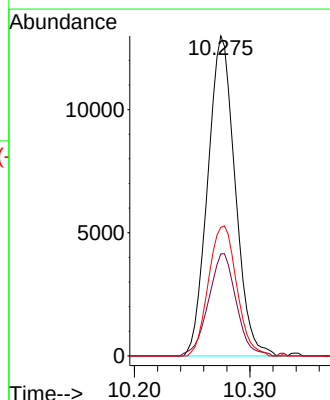
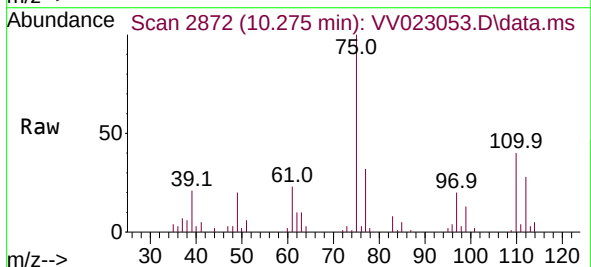
Tgt Ion: 75 Resp: 21383

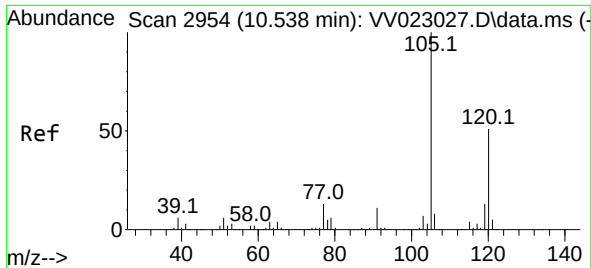
Ion Ratio Lower Upper

75 100

77 32.4 26.6 39.8

110 41.9 31.8 47.6

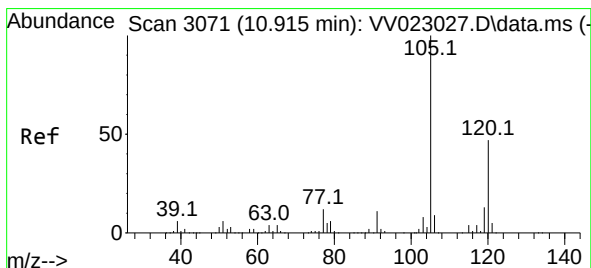
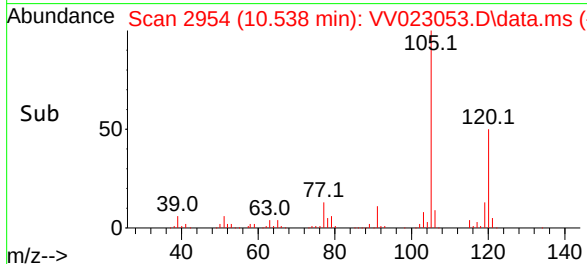
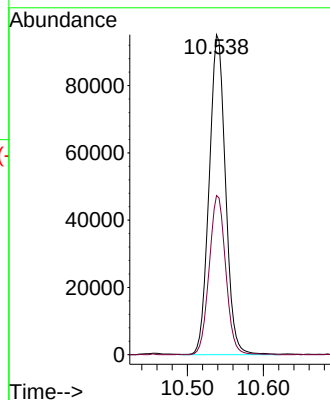
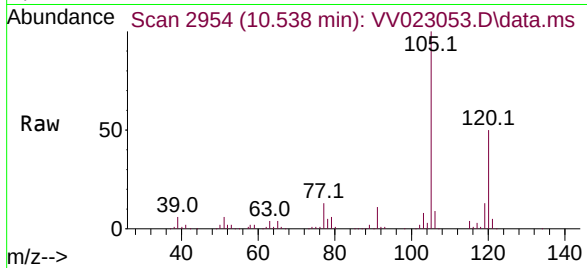




#62
 1,3,5-Trimethylbenzene
 Concen: 5.442 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV023053.D
 Acq: 27 Oct 2021 11:53

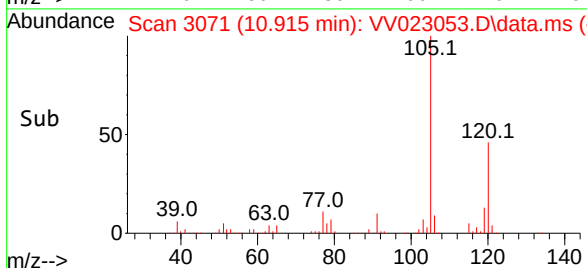
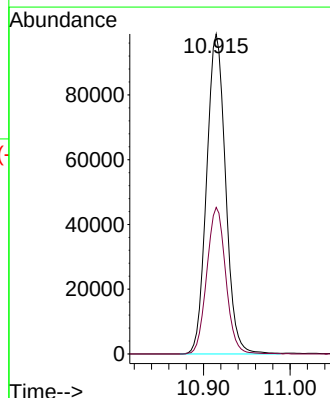
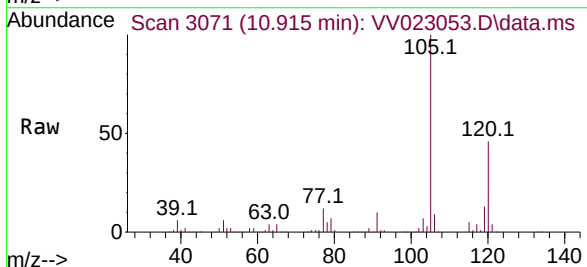
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005326

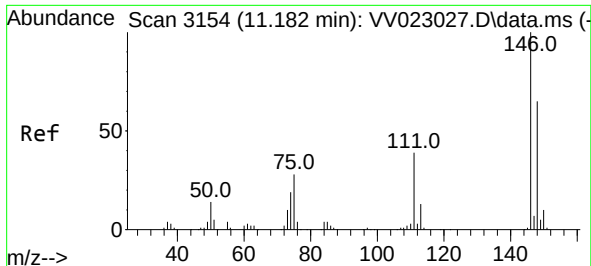
Tgt Ion:105 Resp: 142169
 Ion Ratio Lower Upper
 105 100
 120 50.3 39.7 59.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.762 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV023053.D
 Acq: 27 Oct 2021 11:53

Tgt Ion:105 Resp: 150217
 Ion Ratio Lower Upper
 105 100
 120 45.8 37.4 56.2





#64

1,3-Dichlorobenzene

Concen: 5.429 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. -0.000 min

Lab File: VV023053.D

Acq: 27 Oct 2021 11:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD005326

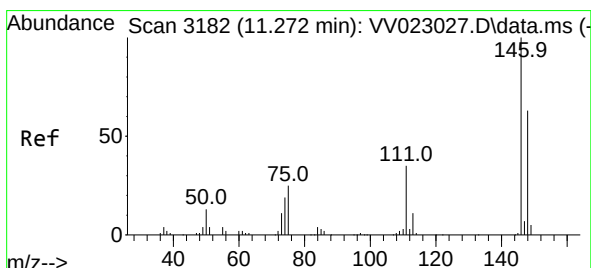
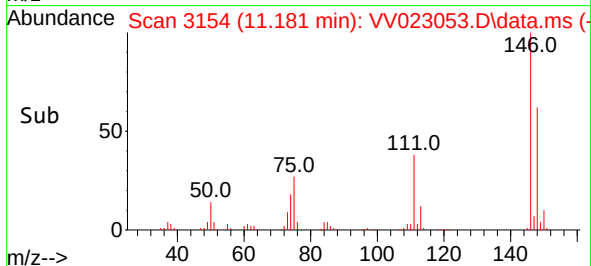
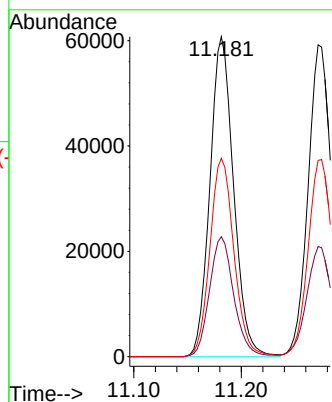
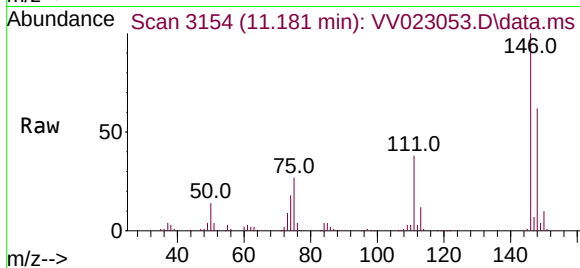
Tgt Ion:146 Resp: 92901

Ion Ratio Lower Upper

146 100

111 37.5 26.7 49.7

148 62.0 42.9 79.7



#65

1,4-Dichlorobenzene

Concen: 5.269 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. -0.000 min

Lab File: VV023053.D

Acq: 27 Oct 2021 11:53

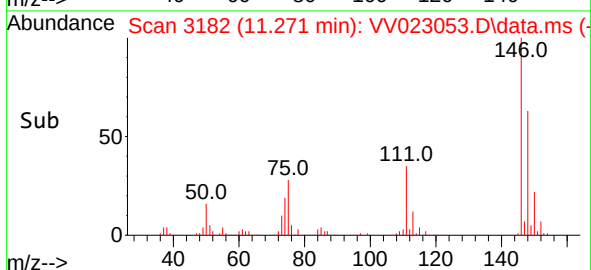
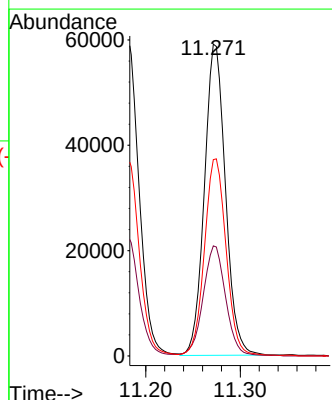
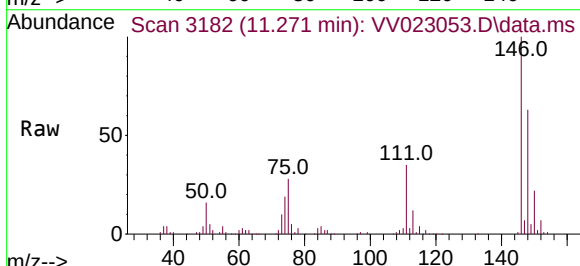
Tgt Ion:146 Resp: 91598

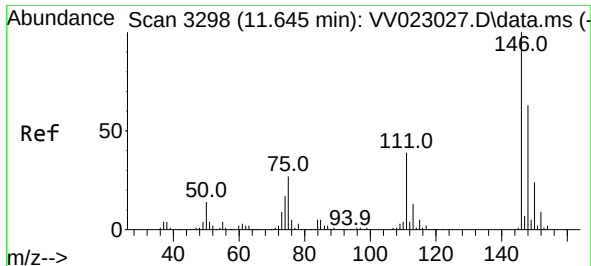
Ion Ratio Lower Upper

146 100

111 35.3 26.2 48.8

148 63.0 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 5.274 ug/L

RT: 11.644 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV023053.D

Acq: 27 Oct 2021 11:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD005326

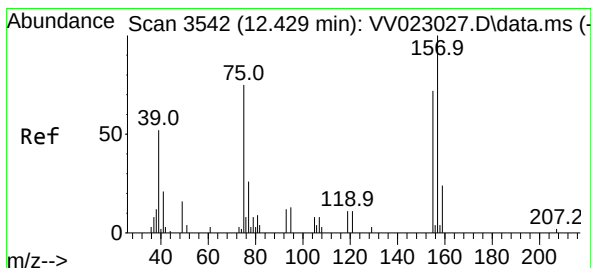
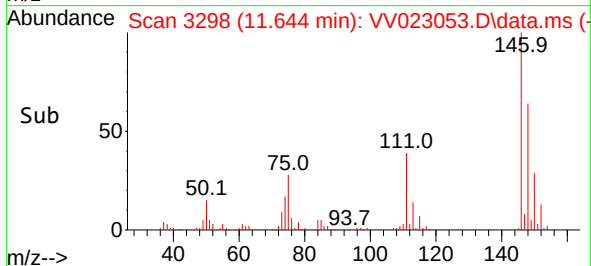
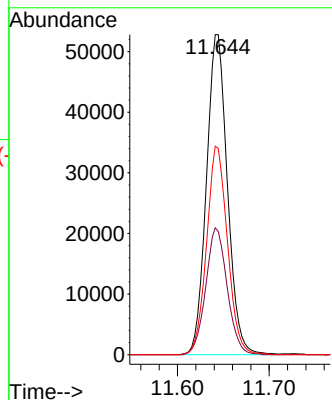
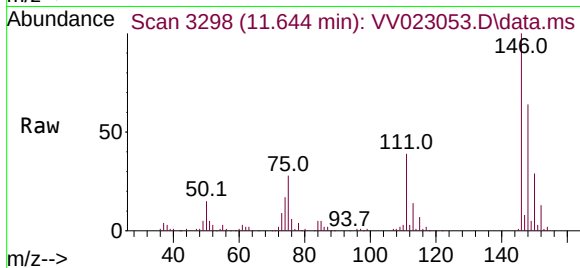
Tgt Ion:146 Resp: 84015

Ion Ratio Lower Upper

146 100

111 38.5 31.6 47.4

148 64.4 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.535 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. -0.000 min

Lab File: VV023053.D

Acq: 27 Oct 2021 11:53

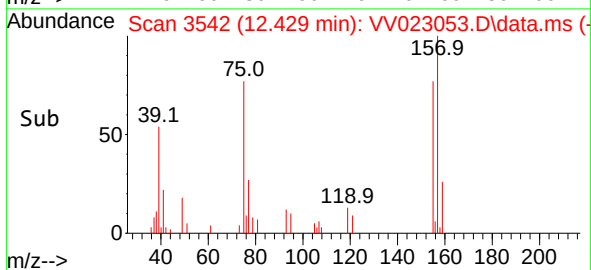
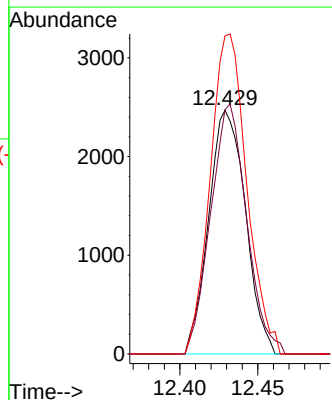
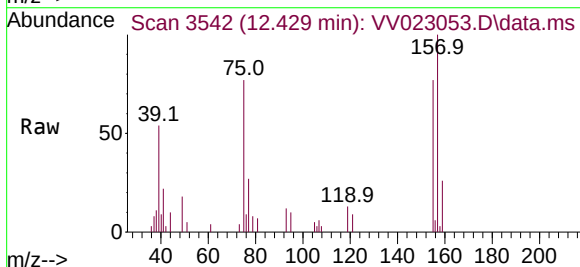
Tgt Ion: 75 Resp: 4050

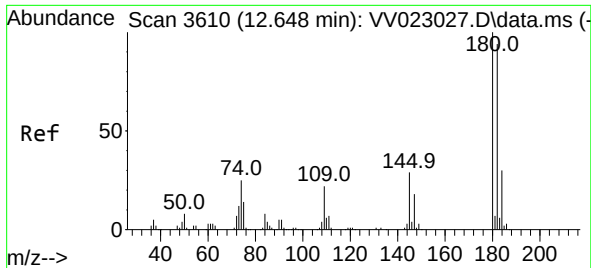
Ion Ratio Lower Upper

75 100

155 100.3 67.7 101.5

157 130.5 87.9 131.9

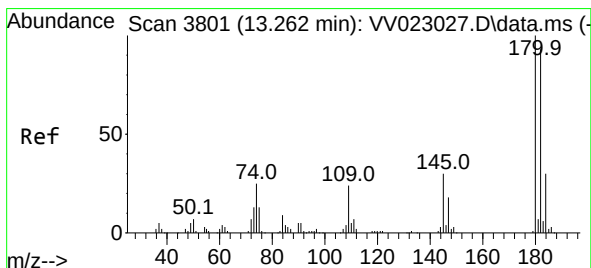
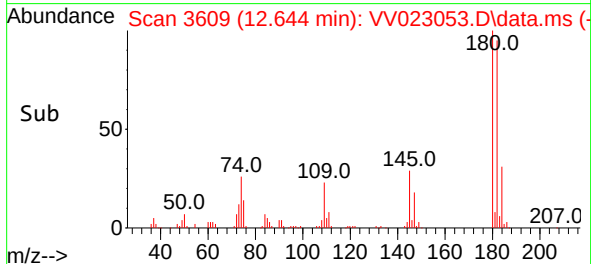
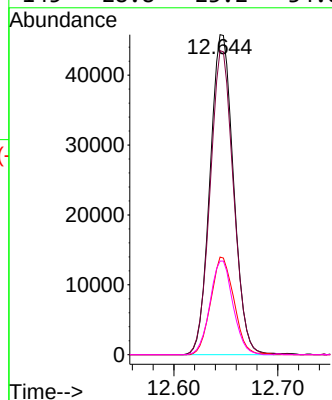
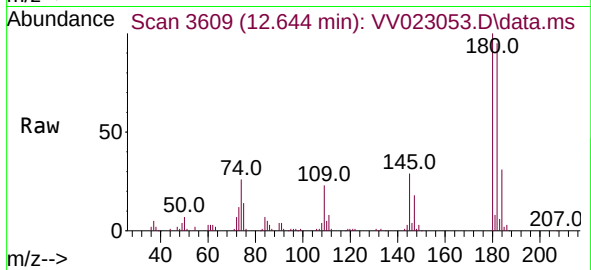




#69
 1,3,5-Trichlorobenzene
 Concen: 5.503 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VV023053.D
 Acq: 27 Oct 2021 11:53

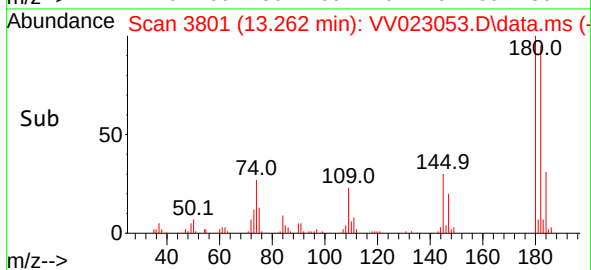
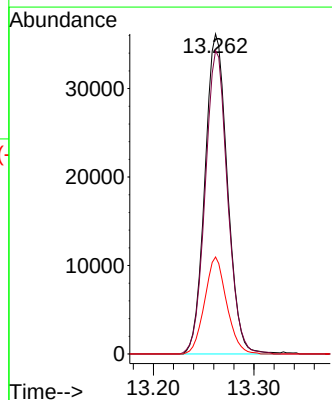
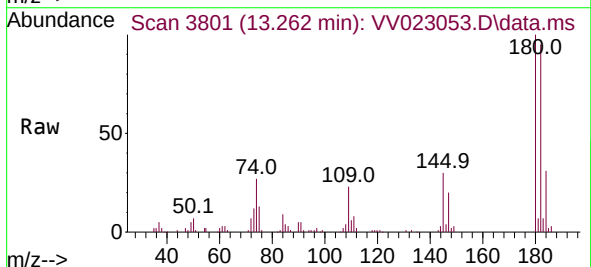
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005326

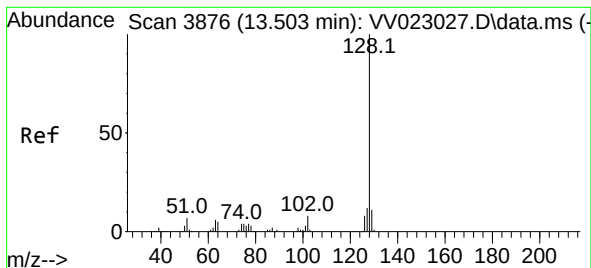
Tgt Ion:180	Resp:	71725
Ion Ratio	Lower	Upper
180	100	
182	94.8	74.9 112.3
184	30.1	23.8 35.8
145	28.8	23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.761 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.000 min
 Lab File: VV023053.D
 Acq: 27 Oct 2021 11:53

Tgt Ion:180	Resp:	56187
Ion Ratio	Lower	Upper
180	100	
182	94.2	76.9 115.3
145	29.7	24.4 36.6





#71

Naphthalene

Concen: 5.380 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. -0.000 min

Lab File: VV023053.D

Acq: 27 Oct 2021 11:53

Instrument :

MSVOA_V

ClientSampleId :

VSTD005326

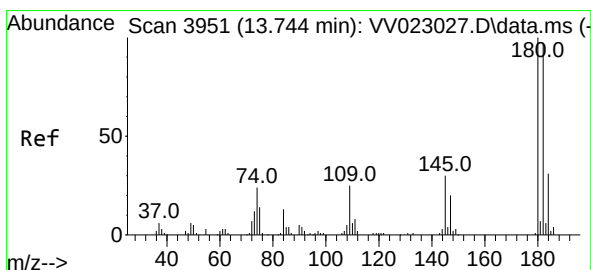
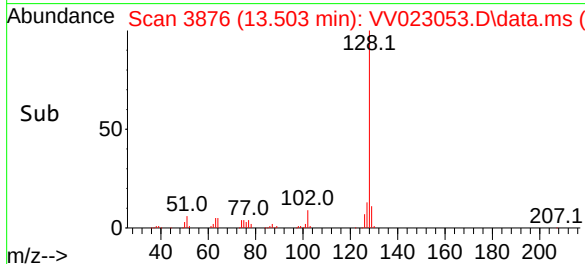
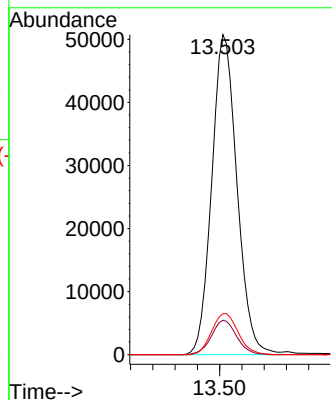
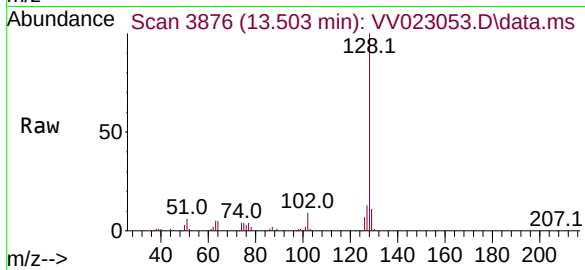
Tgt Ion:128 Resp: 79775

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.5 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 5.521 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VV023053.D

Acq: 27 Oct 2021 11:53

Tgt Ion:180 Resp: 49982

Ion Ratio Lower Upper

180 100

182 96.0 76.7 115.1

145 31.6 25.7 38.5

