

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060623\
 Data File : VW031362.D
 Acq On : 06 Jun 2023 09:26
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005365

Quant Time: Jun 07 01:54:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 06 02:05:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	125509	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	127127	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	71793	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	50087	3.923	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.532	69	46546	4.316	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.056	65	27448	4.428	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.818	46	95797	32.419	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.840%
24) Chloroform-d	4.256	84	114081	5.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	4.947	65	56350	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	4.966	84	196099	5.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	5.992	67	63092	4.833	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.246	98	188894	5.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	7.558	79	22967	4.833	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.034	63	85779	44.931	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.860%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	45580	4.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	11.567	152	62834	4.641	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	82297	4.859	ug/L	99
3) Chloromethane	1.214	50	72649	4.341	ug/L	96
5) Vinyl chloride	1.282	62	75938	4.539	ug/L	98
6) Bromomethane	1.487	94	40899	4.265	ug/L	99
8) Chloroethane	1.548	64	44582	4.274	ug/L	99
9) Trichlorofluoromethane	1.712	101	122534	4.973	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	66161	4.858	ug/L	97
12) 1,1-Dichloroethene	2.069	96	56570	4.824	ug/L	94
13) Acetone	2.143	43	92288	27.025	ug/L	84
14) Carbon disulfide	2.240	76	162548	4.676	ug/L	100
15) Methyl Acetate	2.388	43	23709	3.574	ug/L	99
16) Methylene chloride	2.449	84	57918	4.063	ug/L	98
17) Methyl tert-butyl Ether	2.709	73	116139	4.346	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	52175	4.692	ug/L	89
19) 1,1-Dichloroethane	3.114	63	115447	4.674	ug/L	98
21) 2-Butanone	3.902	43	123840	27.884	ug/L	87
22) cis-1,2-Dichloroethene	3.818	96	52781	4.684	ug/L	97
23) Bromochloromethane	4.153	128	24640	4.625	ug/L	91
25) Chloroform	4.281	83	117167	4.536	ug/L	99

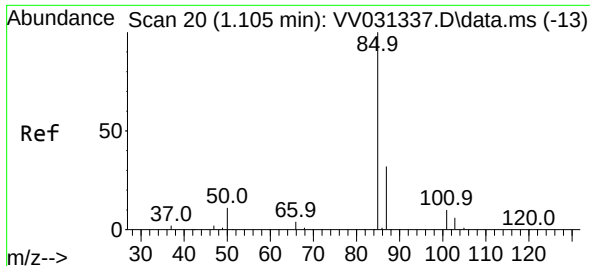
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060623\
 Data File : VW031362.D
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 ClientSampleId :
 VSTD005365

Quant Time: Jun 07 01:54:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 06 02:05:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	71285	4.749	ug/L	96
29) 1,1,1-Trichloroethane	4.516	97	106431	5.036	ug/L	99
30) Cyclohexane	4.584	56	89001	4.638	ug/L	95
31) Carbon tetrachloride	4.738	117	97090	5.151	ug/L	98
33) Benzene	5.015	78	228601	5.053	ug/L	100
34) Trichloroethene	5.838	95	62268	5.096	ug/L	97
35) Methylcyclohexane	6.056	83	86806	4.772	ug/L	96
37) 1,2-Dichloropropane	6.098	63	63285	4.753	ug/L	98
38) Bromodichloromethane	6.439	83	79724	4.683	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	78945	4.517	ug/L	98
40) 4-Methyl-2-pentanone	7.166	43	354202	45.337	ug/L	96
42) Toluene	7.320	91	247595	5.158	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	72319	4.810	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	41783	4.623	ug/L	97
47) Tetrachloroethene	7.908	164	49769	5.227	ug/L	100
48) 2-Hexanone	8.085	43	269944	43.507	ug/L	99
49) Dibromochloromethane	8.182	129	50134	4.967	ug/L	94
50) 1,2-Dibromoethane	8.288	107	40193	4.808	ug/L	95
51) Chlorobenzene	8.818	112	149837	5.010	ug/L	99
52) Ethylbenzene	8.953	91	250649	4.991	ug/L	97
53) m,p-Xylene	9.079	106	96281	5.329	ug/L	98
54) o-Xylene	9.484	106	88961	5.254	ug/L	98
55) Styrene	9.503	104	164846	5.474	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.185	83	45785	4.250	ug/L #	96
59) Bromoform	9.670	173	28707	4.963	ug/L	99
60) Isopropylbenzene	9.873	105	251280	4.872	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	36190	4.126	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	194050	4.644	ug/L	97
63) 1,2,4-Trimethylbenzene	10.860	105	204672	4.745	ug/L	96
64) 1,3-Dichlorobenzene	11.124	146	124431	4.982	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	124650	4.765	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	113868	4.753	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	7468	3.712	ug/L	88
69) 1,3,5-Trichlorobenzene	12.590	180	91590	4.935	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	68783	4.621	ug/L	98
71) Naphthalene	13.448	128	83049	3.637	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	59609	4.465	ug/L	98

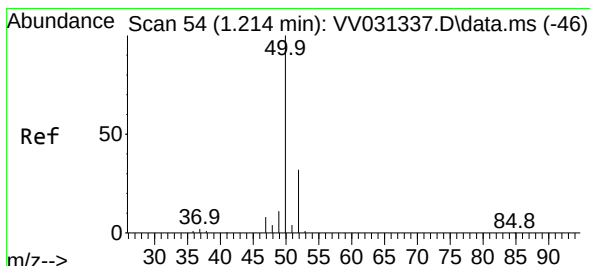
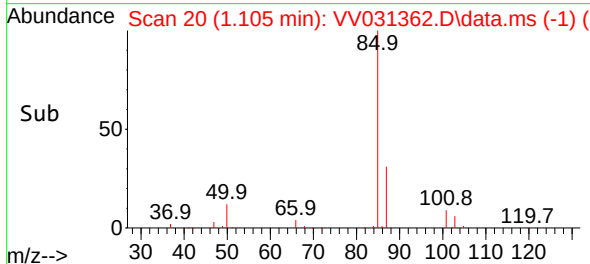
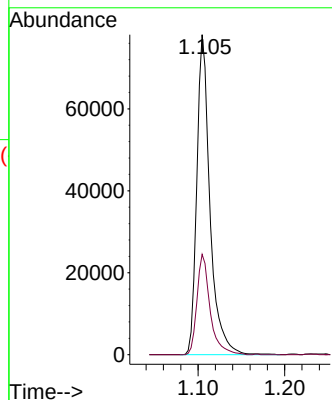
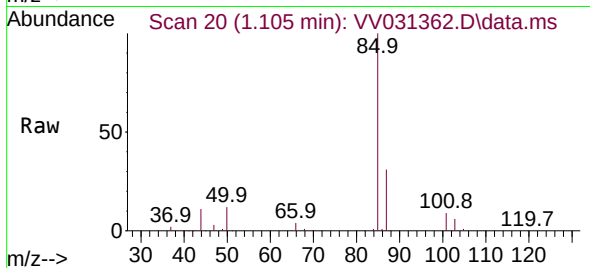
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.859 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV031362.D
 Acq: 06 Jun 2023 09:26

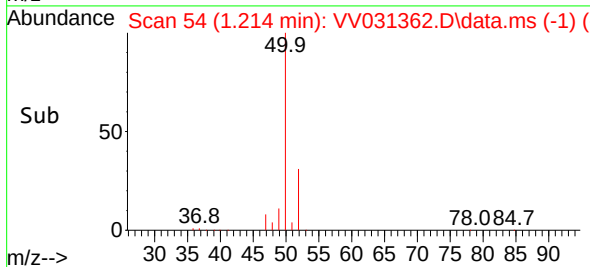
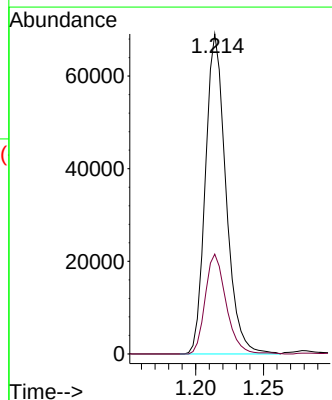
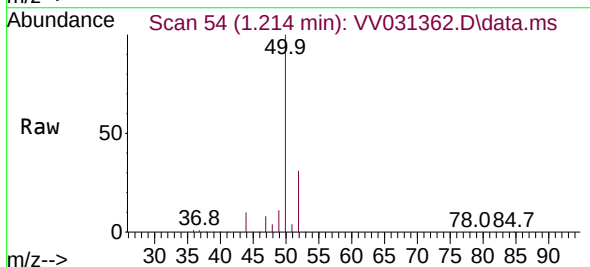
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005365

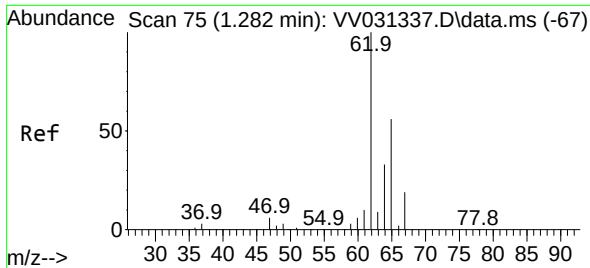
Tgt Ion: 85 Resp: 82297
 Ion Ratio Lower Upper
 85 100
 87 31.3 25.6 38.4



#3
 Chloromethane
 Concen: 4.341 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV031362.D
 Acq: 06 Jun 2023 09:26

Tgt Ion: 50 Resp: 72649
 Ion Ratio Lower Upper
 50 100
 52 31.2 23.2 43.2

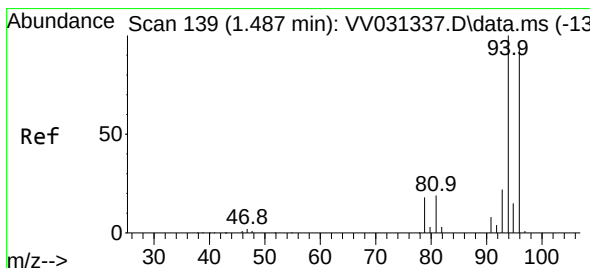
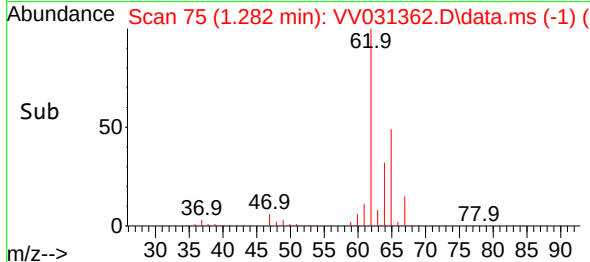
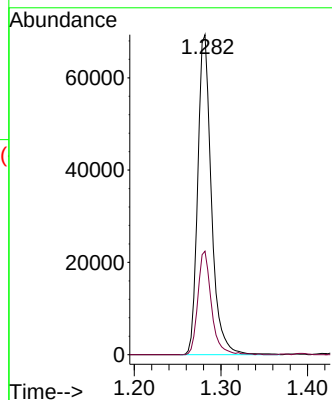
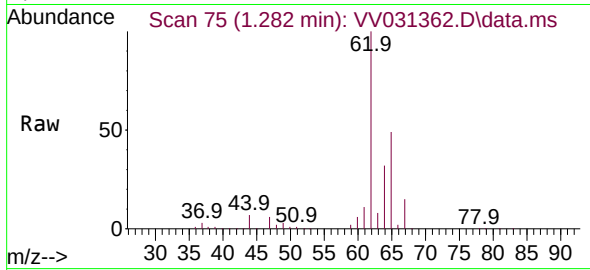




#5
 Vinyl chloride
 Concen: 4.539 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV031362.D
 Acq: 06 Jun 2023 09:26

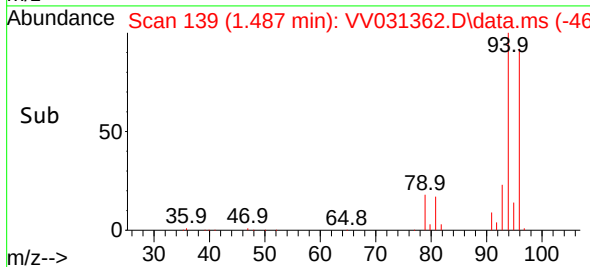
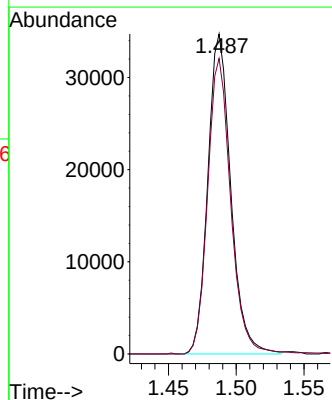
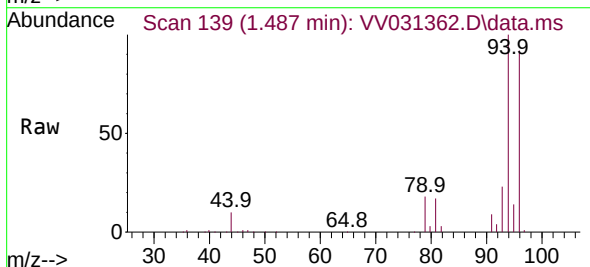
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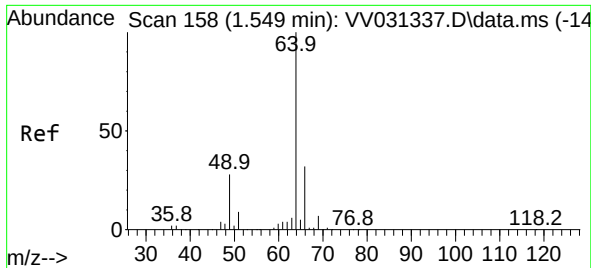
Tgt Ion: 62 Resp: 75938
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.0 40.8



#6
 Bromomethane
 Concen: 4.265 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV031362.D
 Acq: 06 Jun 2023 09:26

Tgt Ion: 94 Resp: 40899
 Ion Ratio Lower Upper
 94 100
 96 92.4 63.7 118.3

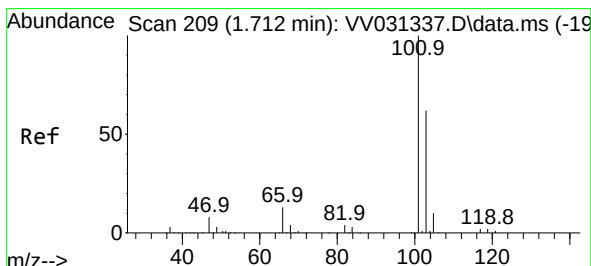
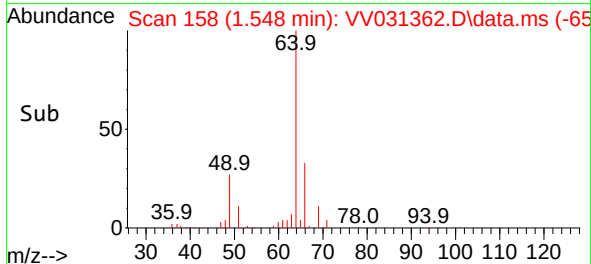
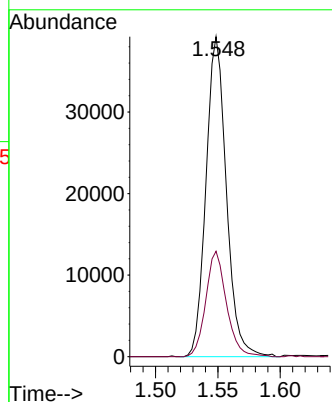
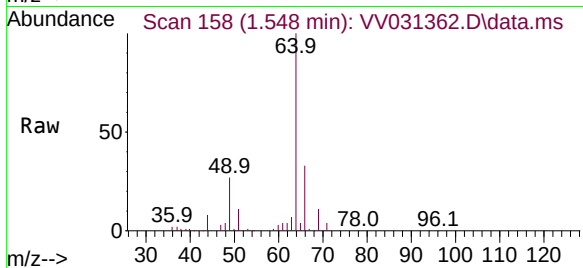




#8
Chloroethane
Concen: 4.274 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

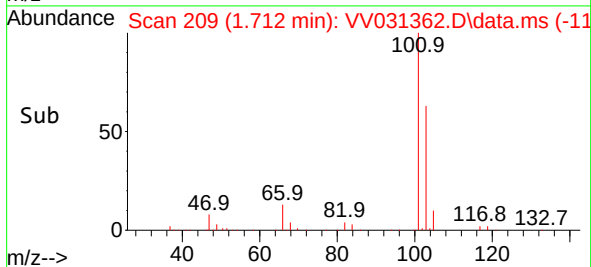
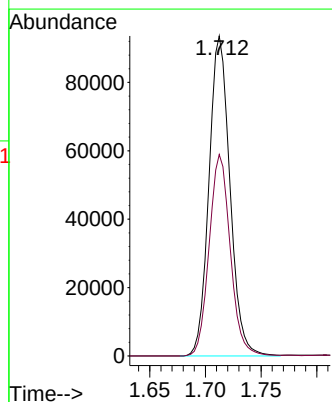
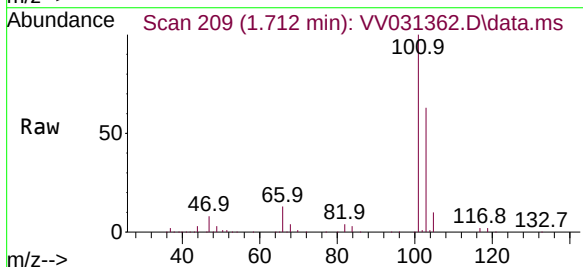
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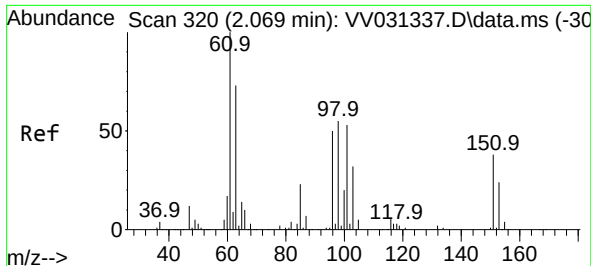
Tgt Ion: 64 Resp: 44582
Ion Ratio Lower Upper
64 100
66 32.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.973 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

Tgt Ion:101 Resp: 122534
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.0





#10

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

Concen: 4.858 ug/L

RT: 2.066 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031362.D

Acq: 06 Jun 2023 09:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD005365

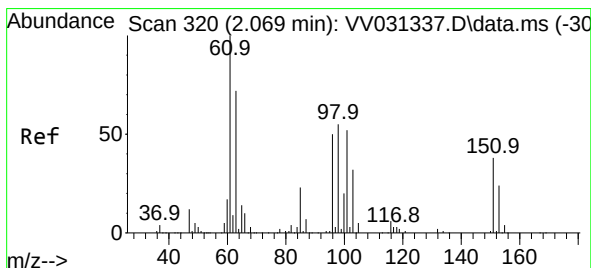
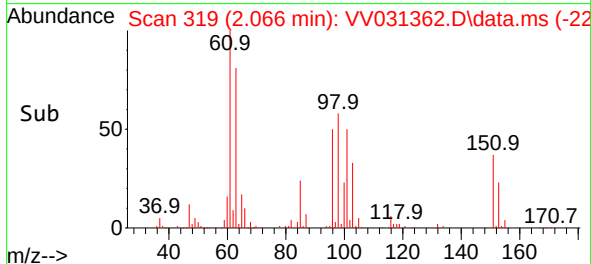
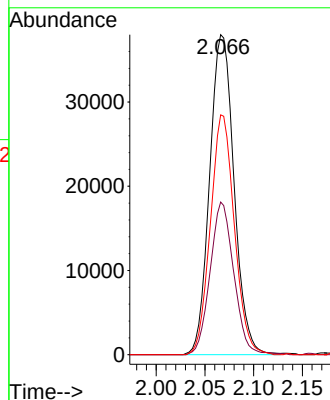
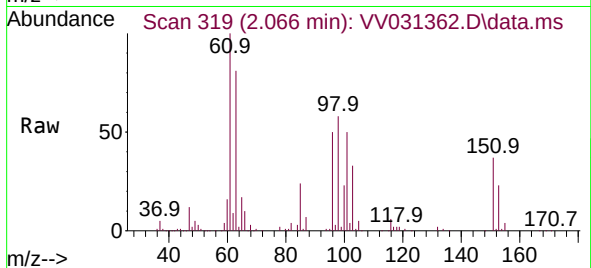
Tgt Ion:101 Resp: 66161

Ion Ratio Lower Upper

101 100

85 46.3 37.2 55.8

151 73.6 55.5 83.3



#12

1,1-Dichloroethene

Concen: 4.824 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV031362.D

Acq: 06 Jun 2023 09:26

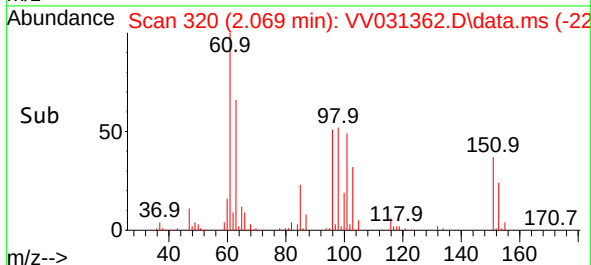
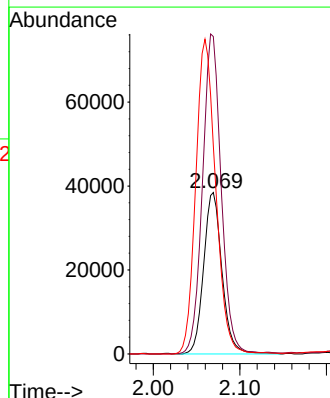
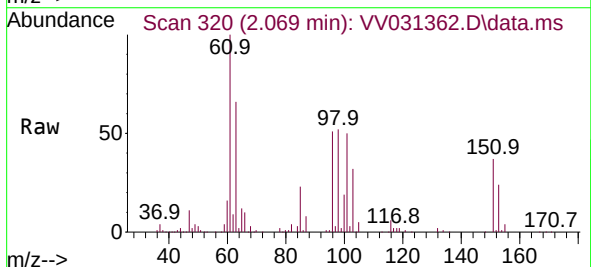
Tgt Ion: 96 Resp: 56570

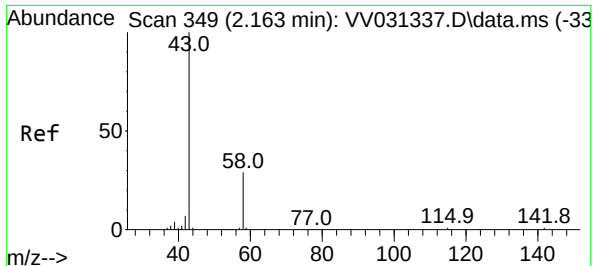
Ion Ratio Lower Upper

96 100

61 196.7 138.3 256.8

63 129.1 101.9 189.3





#13

Acetone

Concen: 27.025 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.019 min

Lab File: VV031362.D

Acq: 06 Jun 2023 09:26

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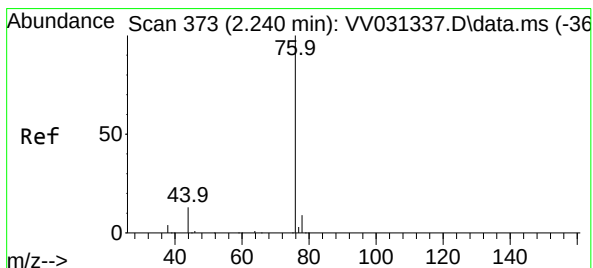
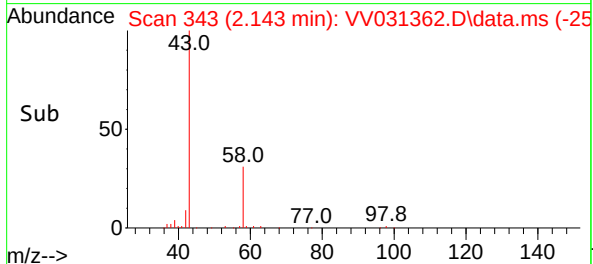
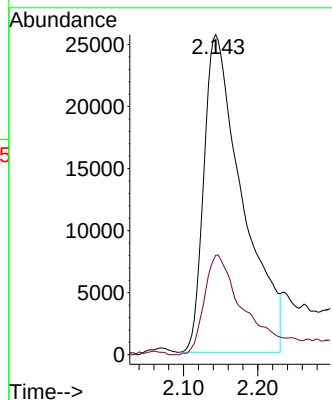
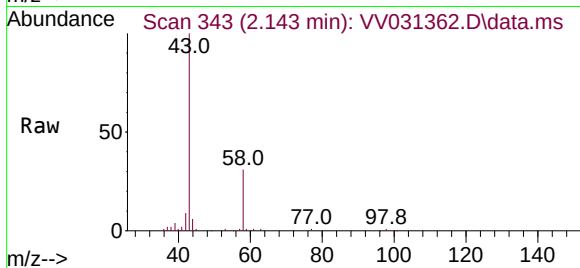
VSTD005365

Tgt Ion: 43 Resp: 92288

Ion Ratio Lower Upper

43 100

58 32.3 0.0 48.4



#14

Carbon disulfide

Concen: 4.676 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV031362.D

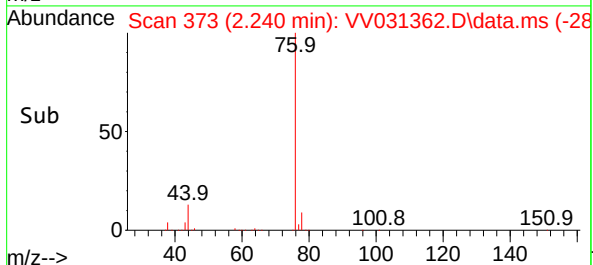
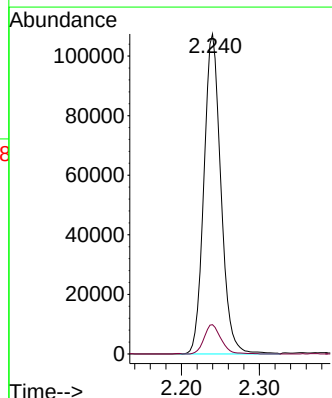
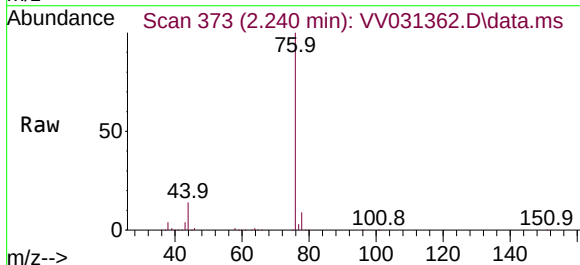
Acq: 06 Jun 2023 09:26

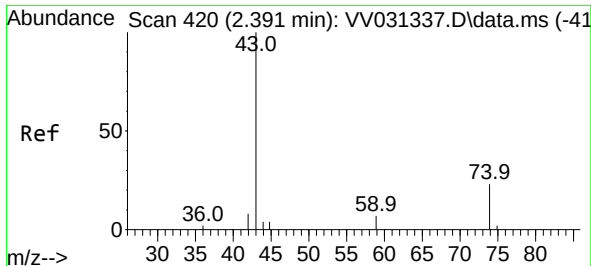
Tgt Ion: 76 Resp: 162548

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

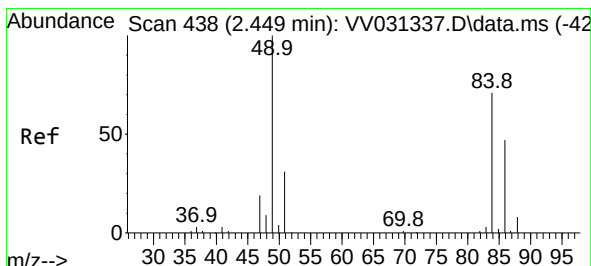
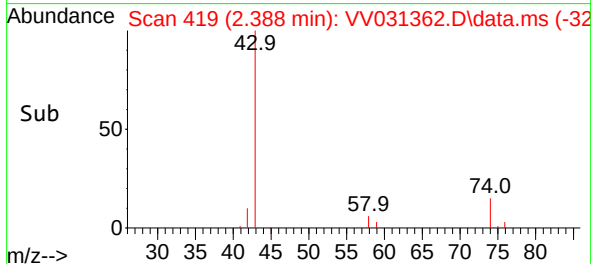
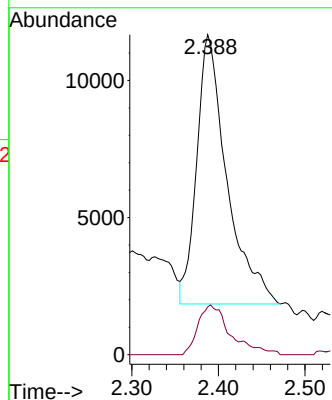
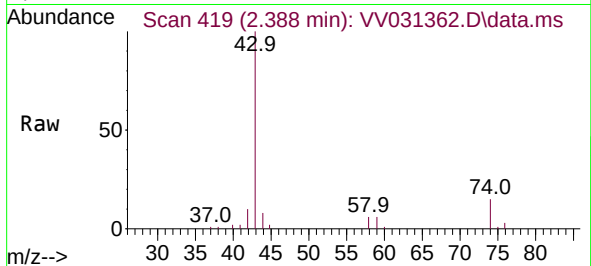




#15
Methyl Acetate
Concen: 3.574 ug/L
RT: 2.388 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

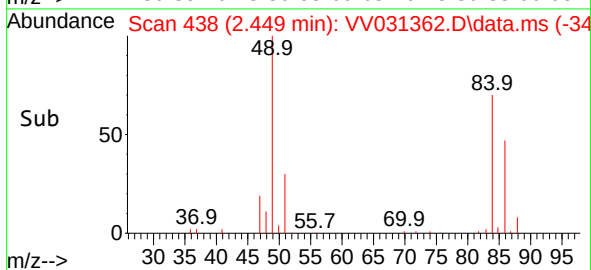
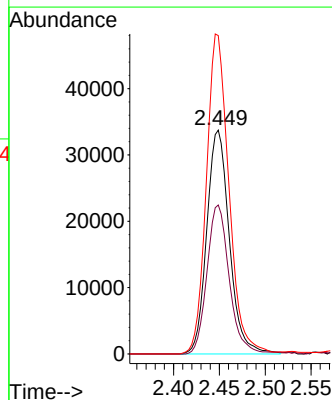
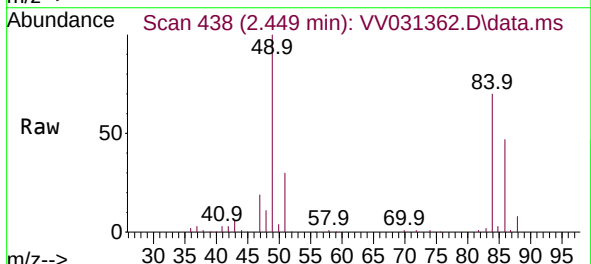
Instrument :
MSVOA_V
ClientSampleId :
VSTD005365

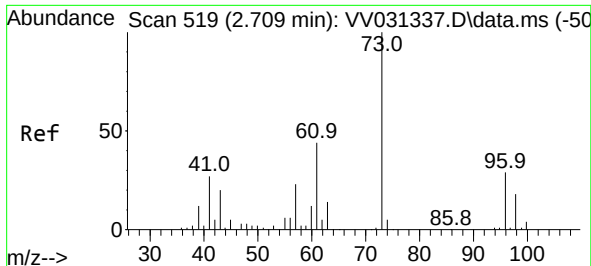
Tgt Ion: 43 Resp: 23709
Ion Ratio Lower Upper
43 100
74 19.9 16.2 24.2



#16
Methylene chloride
Concen: 4.063 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

Tgt Ion: 84 Resp: 57918
Ion Ratio Lower Upper
84 100
86 66.6 46.7 86.7
49 142.3 101.6 188.8

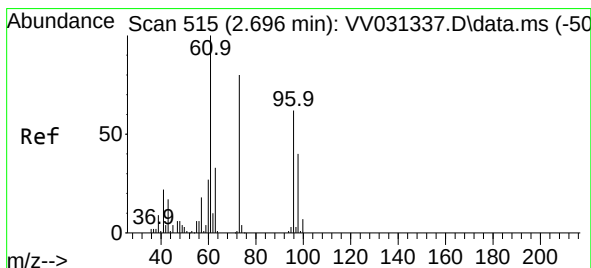
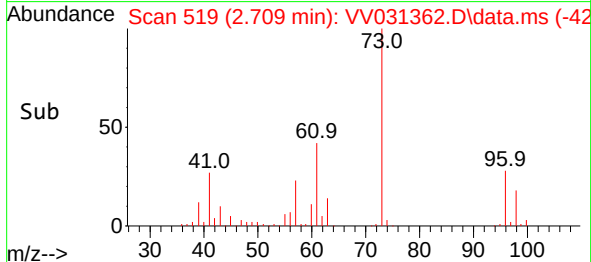
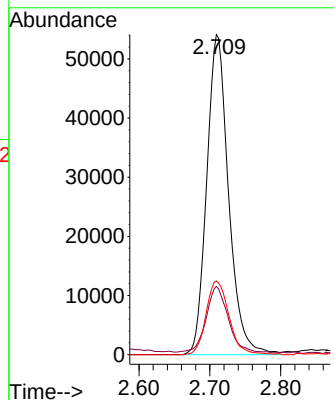
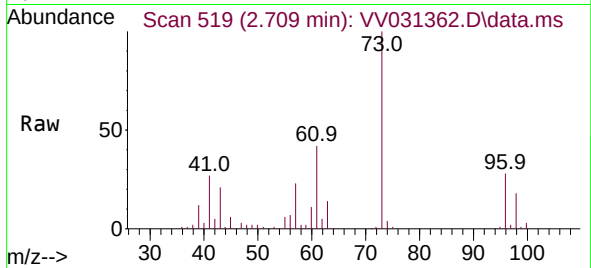




#17
Methyl tert-butyl Ether
Concen: 4.346 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

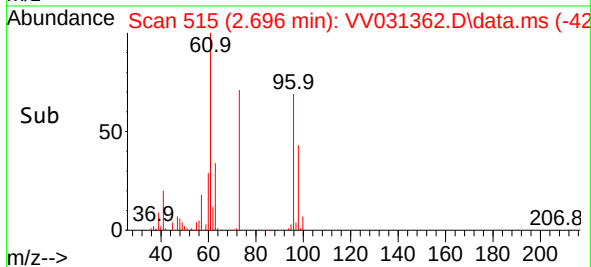
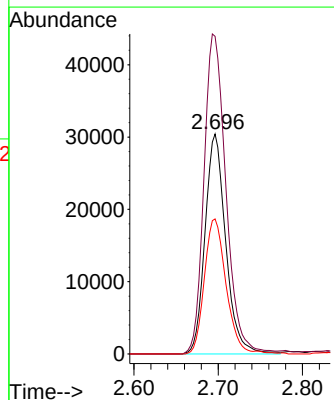
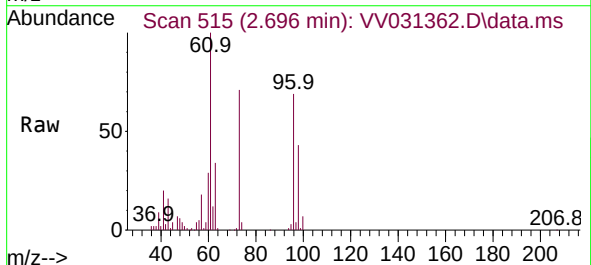
Instrument :
MSVOA_V
ClientSampleId :
VSTD005365

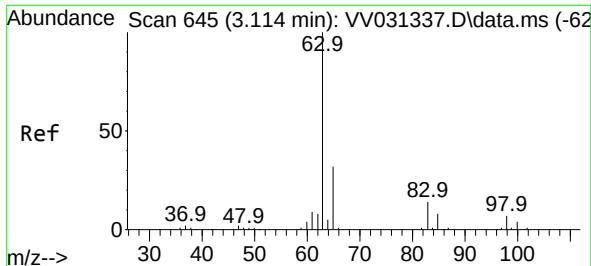
Tgt Ion: 73 Resp: 116139
Ion Ratio Lower Upper
73 100
43 21.2 17.8 26.8
57 24.0 19.8 29.8



#18
trans-1,2-Dichloroethene
Concen: 4.692 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

Tgt Ion: 96 Resp: 52175
Ion Ratio Lower Upper
96 100
61 144.4 114.2 212.0
98 61.4 45.0 83.6





#19

1,1-Dichloroethane

Concen: 4.674 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV031362.D

Acq: 06 Jun 2023 09:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD005365

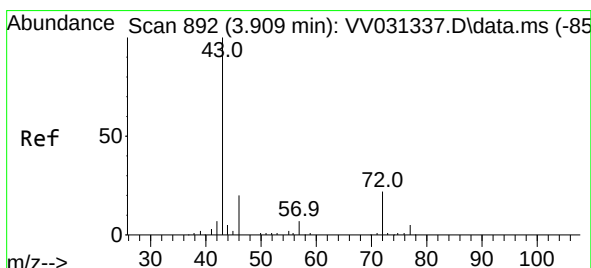
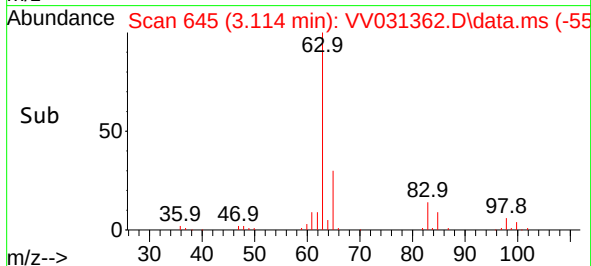
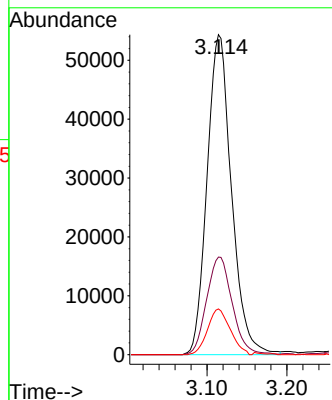
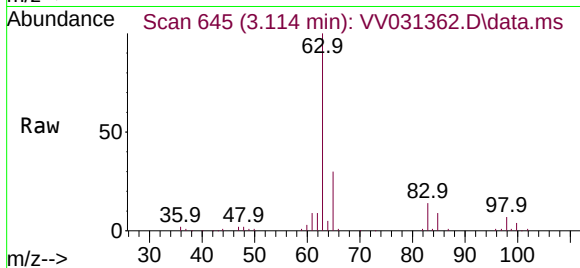
Tgt Ion: 63 Resp: 115447

Ion Ratio Lower Upper

63 100

65 30.5 22.0 40.8

83 14.3 9.0 16.6



#21

2-Butanone

Concen: 27.884 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.006 min

Lab File: VV031362.D

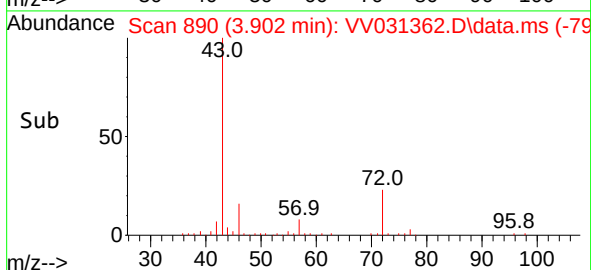
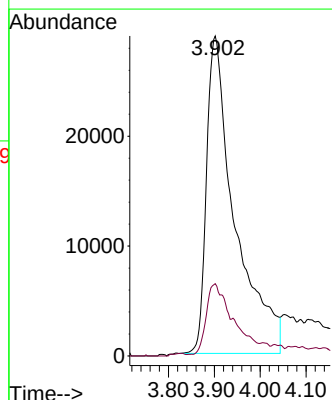
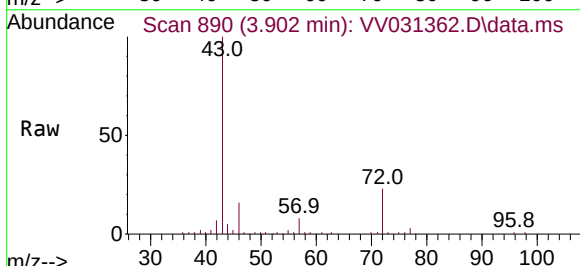
Acq: 06 Jun 2023 09:26

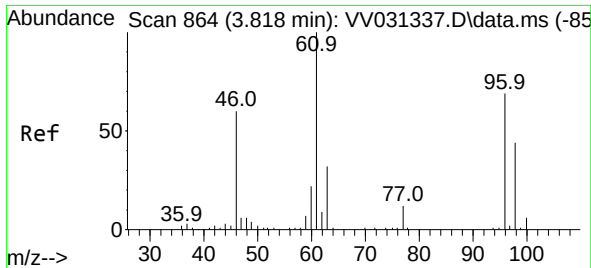
Tgt Ion: 43 Resp: 123840

Ion Ratio Lower Upper

43 100

72 21.1 7.8 23.5



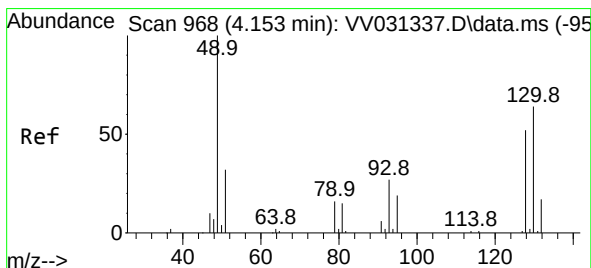
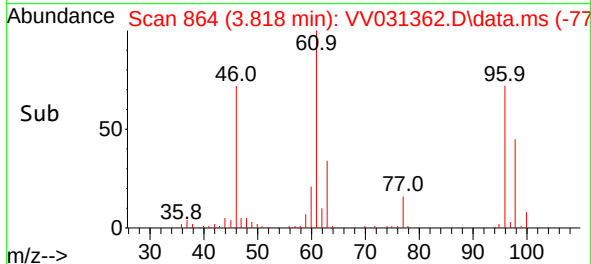
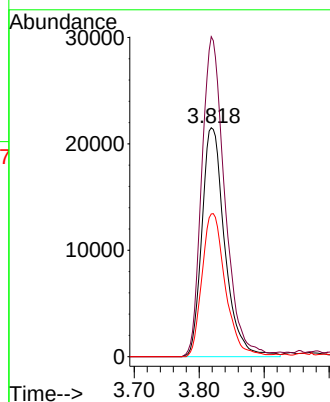
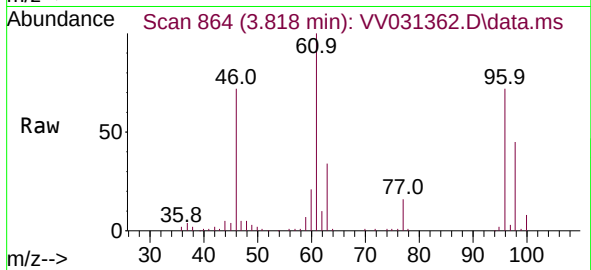


#22
 cis-1,2-Dichloroethene
 Concen: 4.684 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VV031362.D
 Acq: 06 Jun 2023 09:26

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005365

Tgt Ion: 96 Resp: 52781

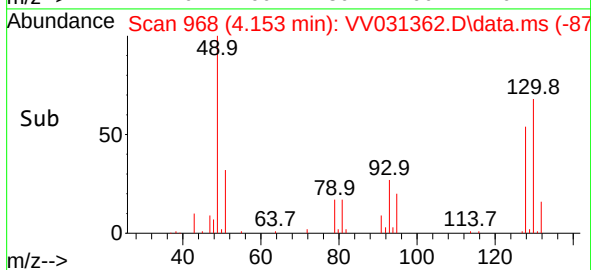
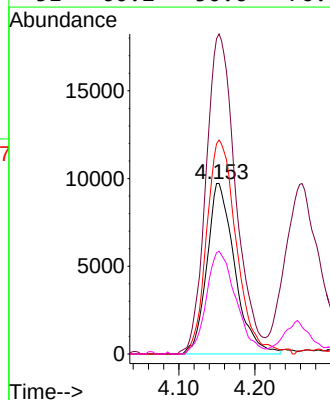
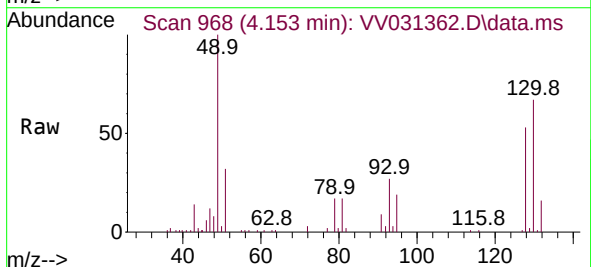
Ion	Ratio	Lower	Upper
96	100		
61	139.7	100.8	187.2
98	62.3	45.1	83.9

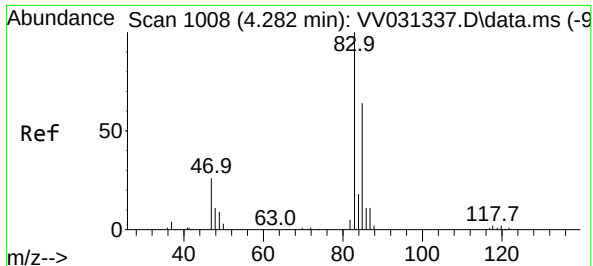


#23
 Bromochloromethane
 Concen: 4.625 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VV031362.D
 Acq: 06 Jun 2023 09:26

Tgt Ion: 128 Resp: 24640

Ion	Ratio	Lower	Upper
128	100		
49	187.7	148.1	275.0
130	125.5	89.9	166.9
51	60.2	50.6	76.0





#25

Chloroform

Concen: 4.536 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. -0.000 min

Lab File: VV031362.D

Acq: 06 Jun 2023 09:26

Instrument :

MSVOA_V

ClientSampleId :

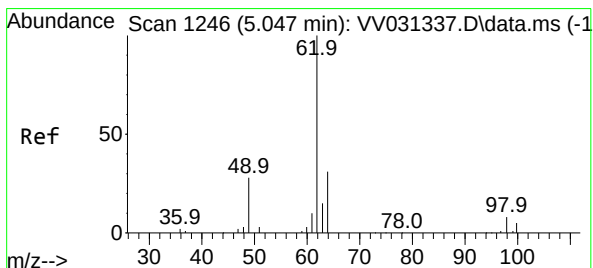
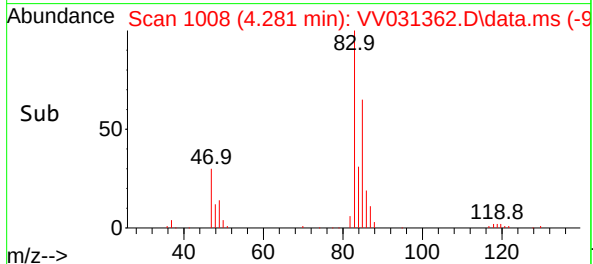
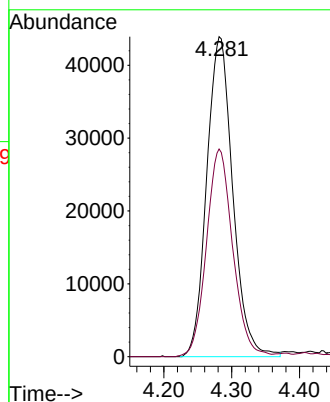
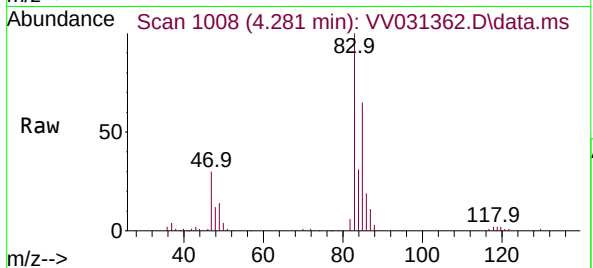
VSTD005365

Tgt Ion: 83 Resp: 117167

Ion Ratio Lower Upper

83 100

85 64.9 44.9 83.3



#27

1,2-Dichloroethane

Concen: 4.749 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.003 min

Lab File: VV031362.D

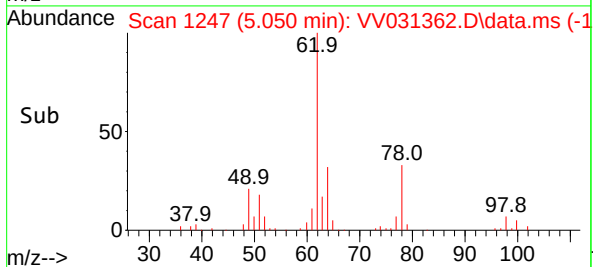
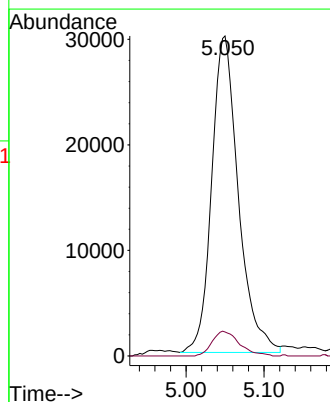
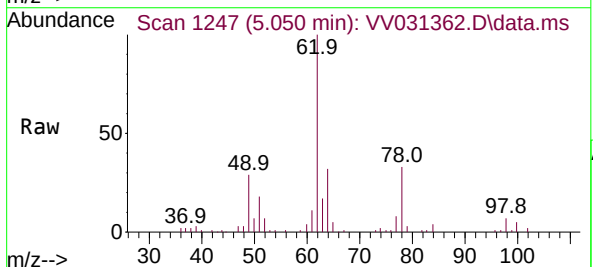
Acq: 06 Jun 2023 09:26

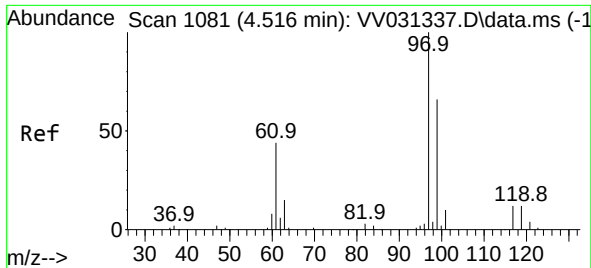
Tgt Ion: 62 Resp: 71285

Ion Ratio Lower Upper

62 100

98 7.5 7.2 10.8

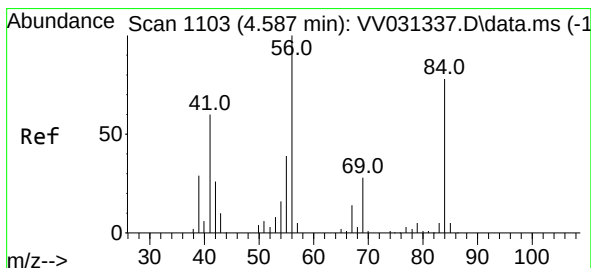
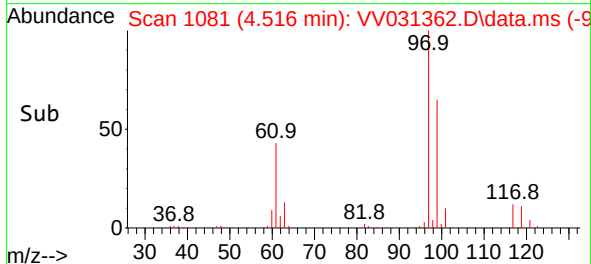
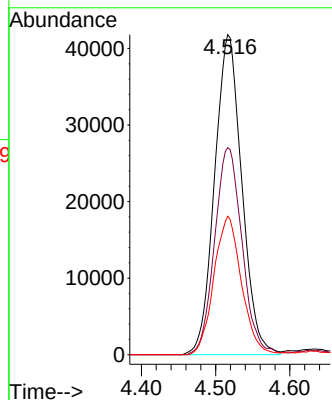
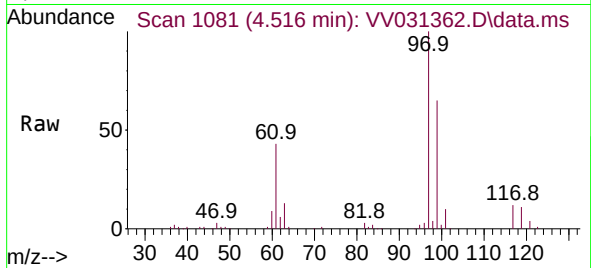




#29
1,1,1-Trichloroethane
Concen: 5.036 ug/L
RT: 4.516 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

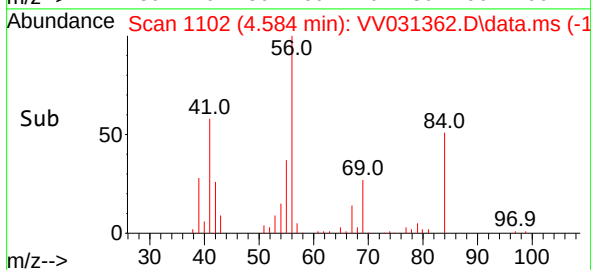
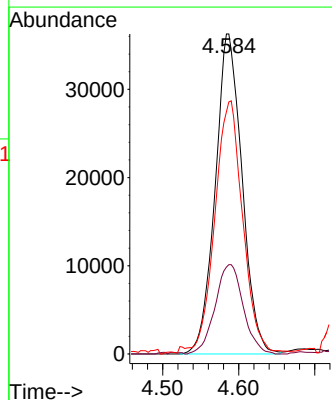
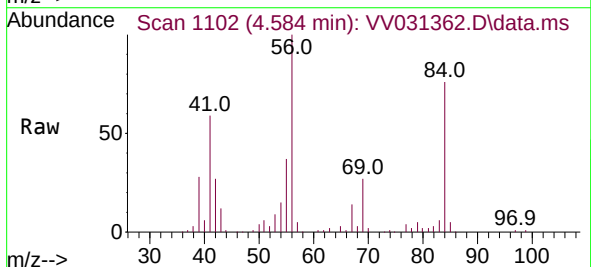
Instrument :
MSVOA_V
ClientSampleId :
VSTD005365

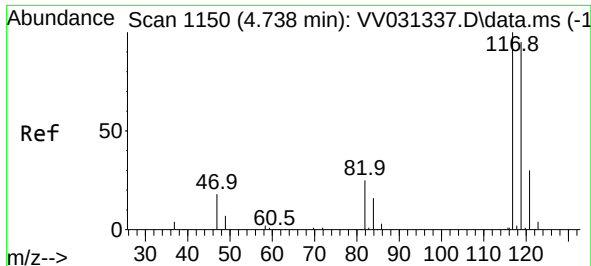
Tgt Ion:	97	Resp:	106431
Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.2	78.4
61	43.7	36.4	54.6



#30
Cyclohexane
Concen: 4.638 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. -0.003 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

Tgt Ion:	56	Resp:	89001
Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.2	34.8
84	79.2	58.5	87.7

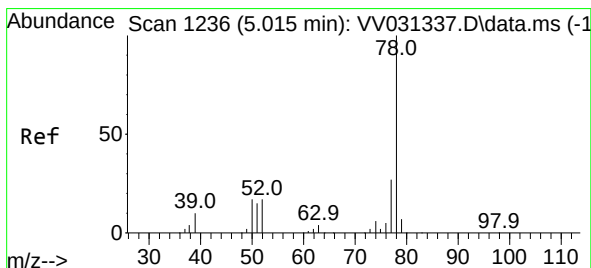
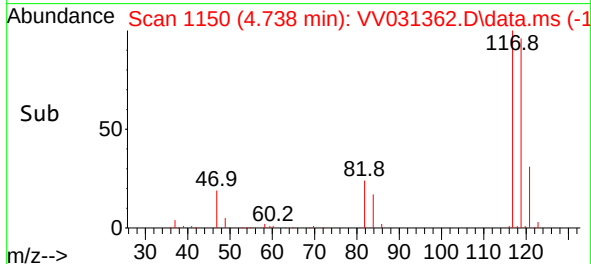
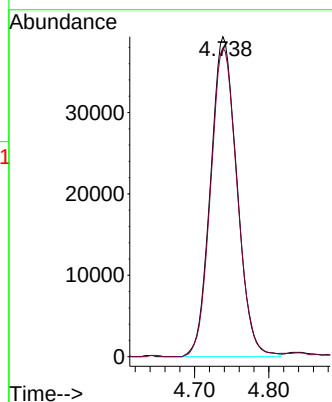
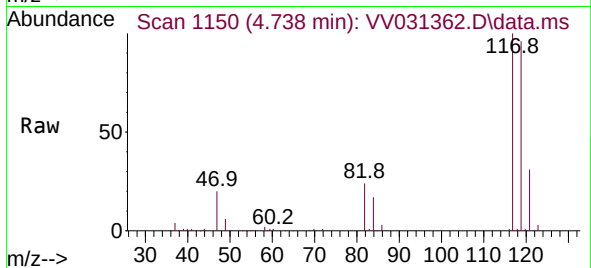




#31
Carbon tetrachloride
Concen: 5.151 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

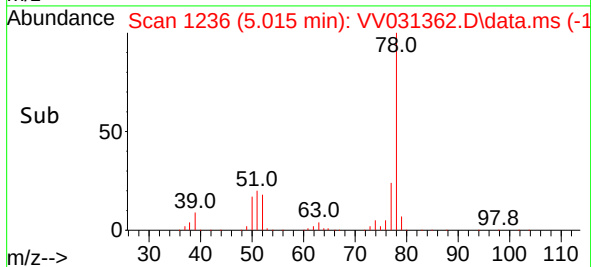
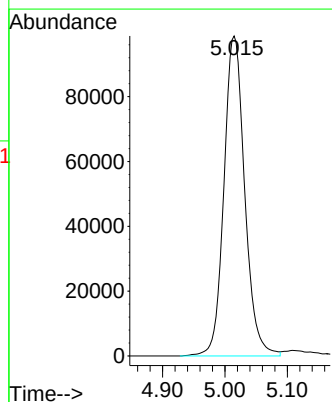
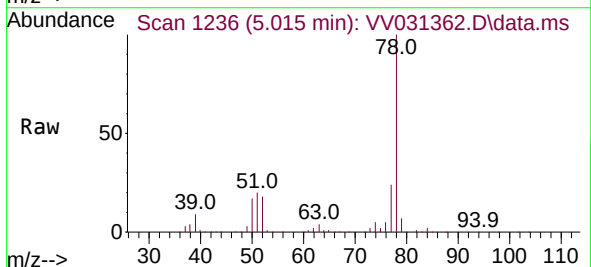
Instrument :
MSVOA_V
ClientSampleId :
VSTD005365

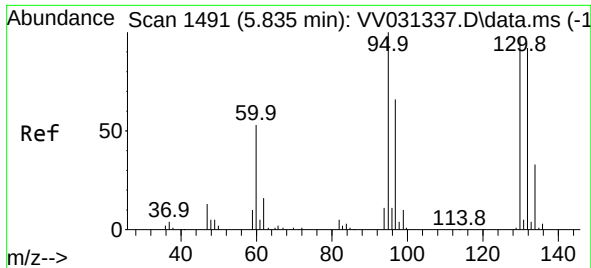
Tgt Ion:117 Resp: 97090
Ion Ratio Lower Upper
117 100
119 97.2 76.3 114.5



#33
Benzene
Concen: 5.053 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

Tgt Ion: 78 Resp: 228601

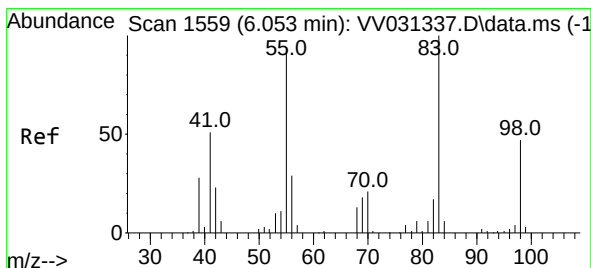
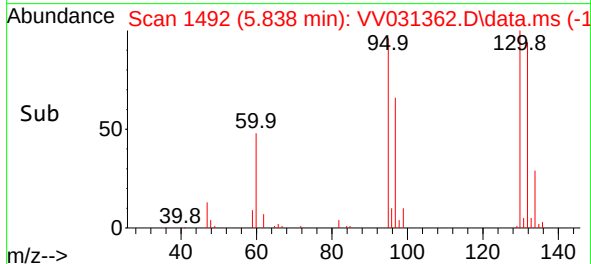
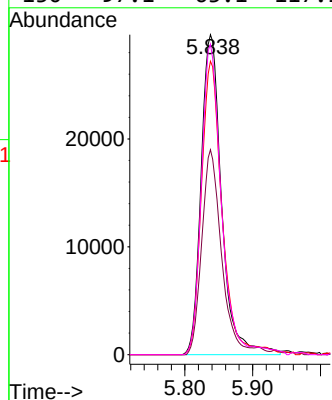
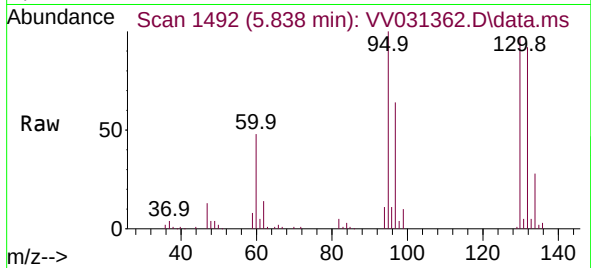




#34
Trichloroethene
Concen: 5.096 ug/L
RT: 5.838 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

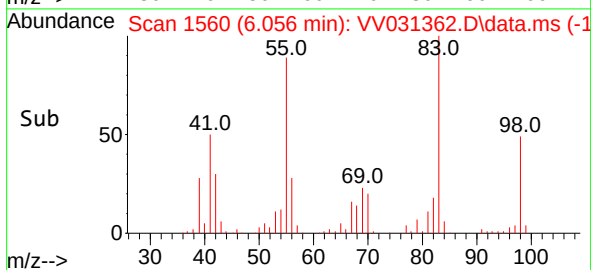
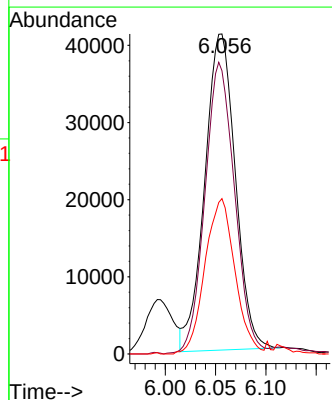
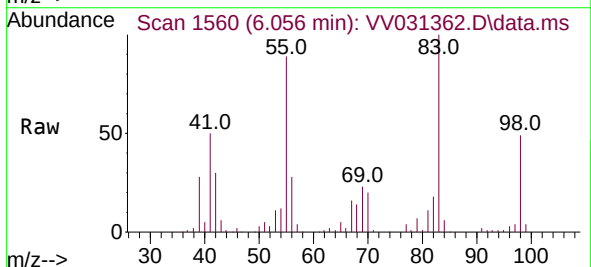
Instrument :
MSVOA_V
ClientSampleId :
VSTD005365

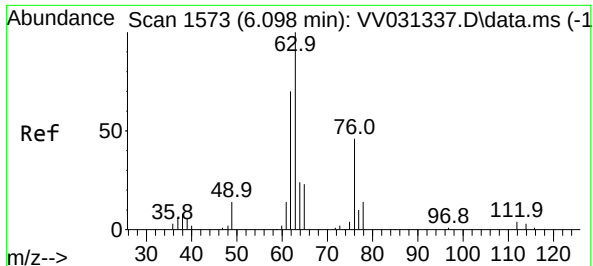
Tgt Ion: 95 Resp: 62268
Ion Ratio Lower Upper
95 100
97 64.1 46.1 85.5
132 91.7 64.5 119.9
130 97.1 63.1 117.1



#35
Methylcyclohexane
Concen: 4.772 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. 0.003 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

Tgt Ion: 83 Resp: 86806
Ion Ratio Lower Upper
83 100
55 89.7 74.6 112.0
98 48.0 36.5 54.7





#37

1,2-Dichloropropane

Concen: 4.753 ug/L

RT: 6.098 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV031362.D

Acq: 06 Jun 2023 09:26

Instrument :

MSVOA_V

ClientSampleId :

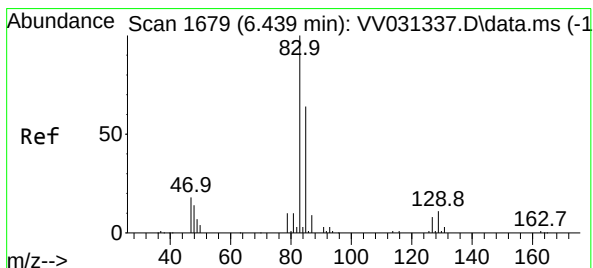
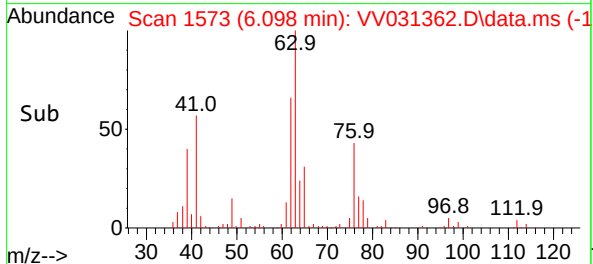
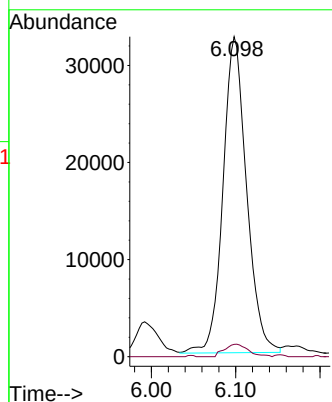
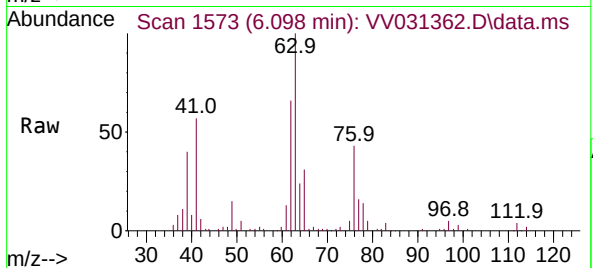
VSTD005365

Tgt Ion: 63 Resp: 63285

Ion Ratio Lower Upper

63 100

112 4.0 3.8 5.6



#38

Bromodichloromethane

Concen: 4.683 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VV031362.D

Acq: 06 Jun 2023 09:26

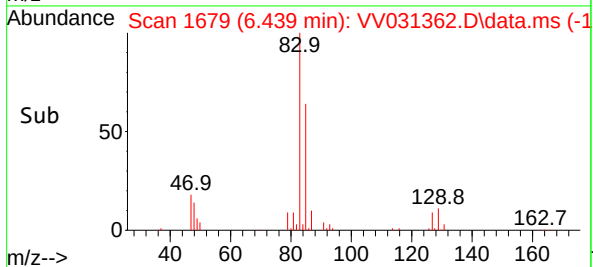
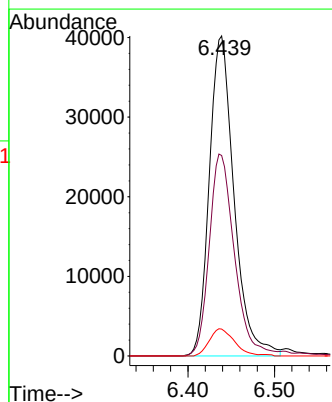
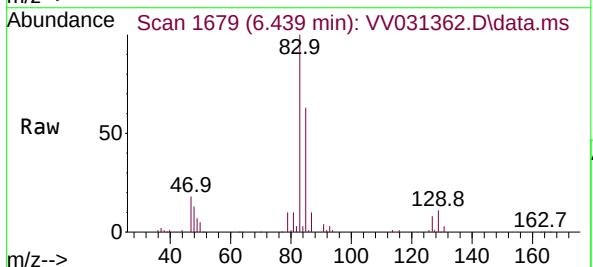
Tgt Ion: 83 Resp: 79724

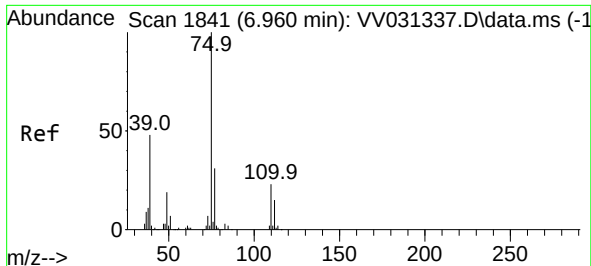
Ion Ratio Lower Upper

83 100

85 62.6 44.3 82.3

127 9.2 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.517 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VV031362.D

Acq: 06 Jun 2023 09:26

Instrument :

MSVOA_V

ClientSampleId :

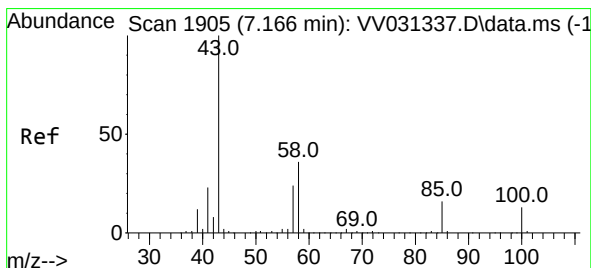
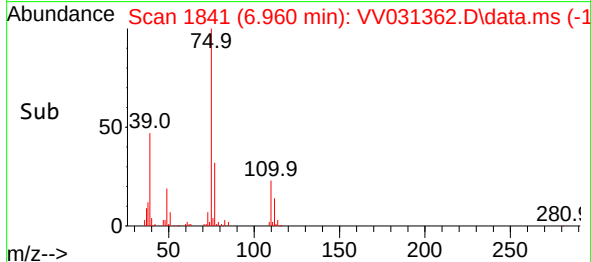
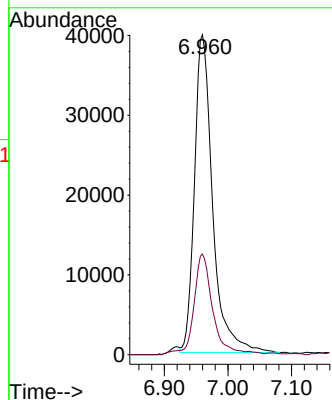
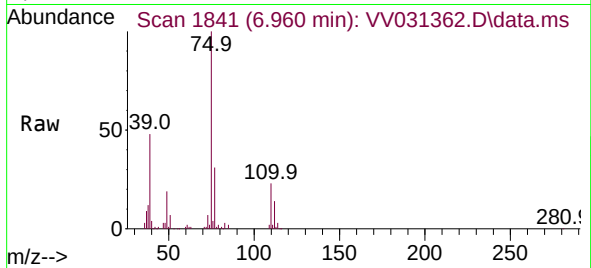
VSTD005365

Tgt Ion: 75 Resp: 78945

Ion Ratio Lower Upper

75 100

77 31.5 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 45.337 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VV031362.D

Acq: 06 Jun 2023 09:26

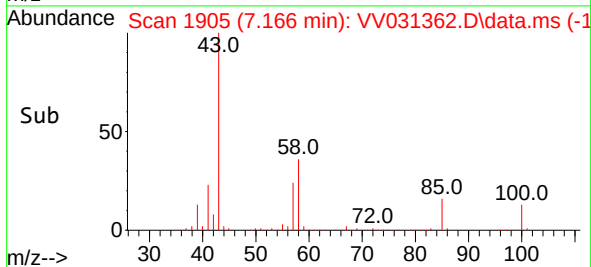
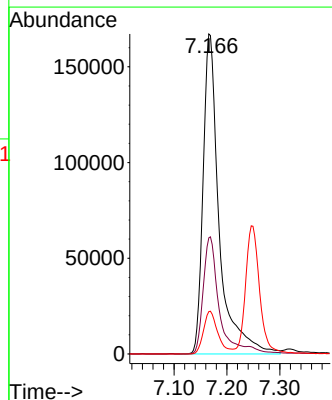
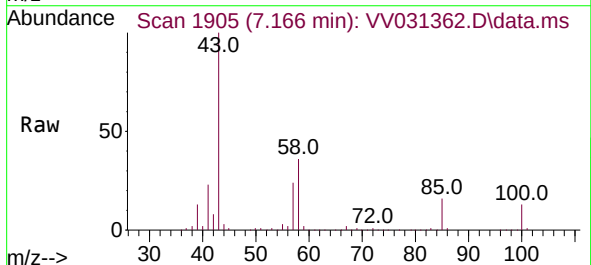
Tgt Ion: 43 Resp: 354202

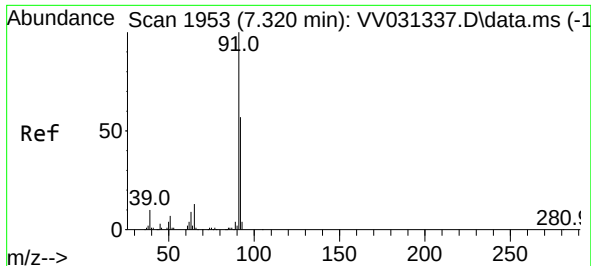
Ion Ratio Lower Upper

43 100

58 34.9 30.2 45.4

100 11.9 9.0 13.6





#42

Toluene

Concen: 5.158 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VV031362.D

Acq: 06 Jun 2023 09:26

Instrument :

MSVOA_V

ClientSampleId :

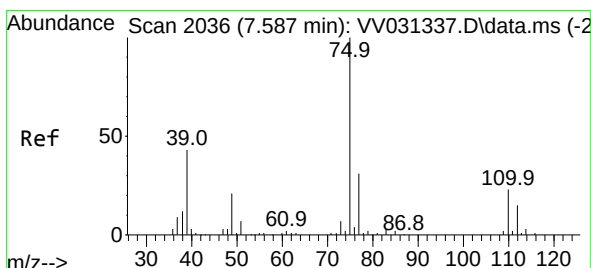
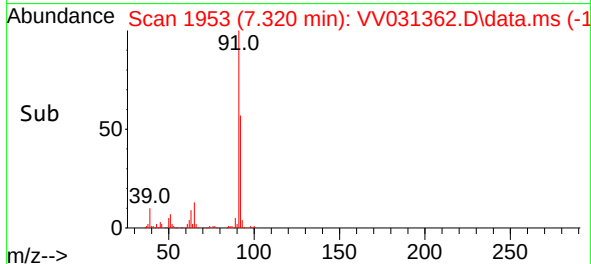
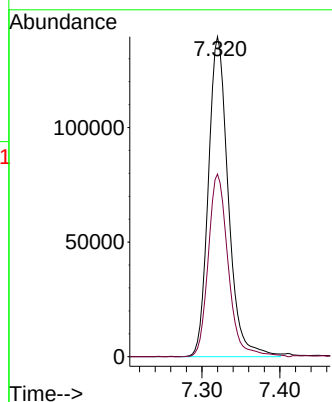
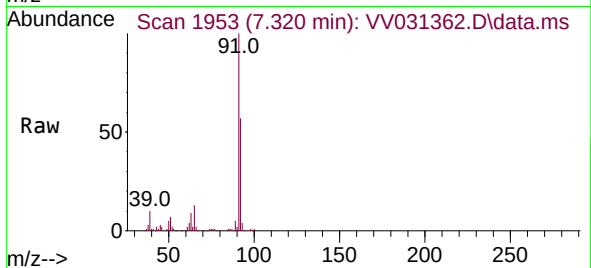
VSTD005365

Tgt Ion: 91 Resp: 247595

Ion Ratio Lower Upper

91 100

92 57.0 39.2 72.8



#44

trans-1,3-Dichloropropene

Concen: 4.810 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. -0.000 min

Lab File: VV031362.D

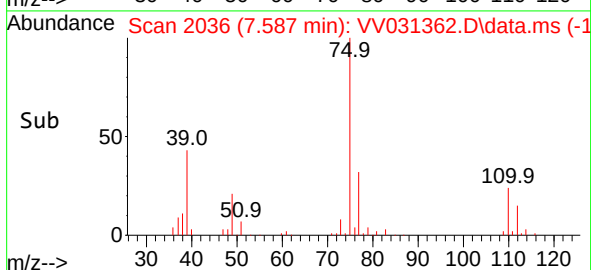
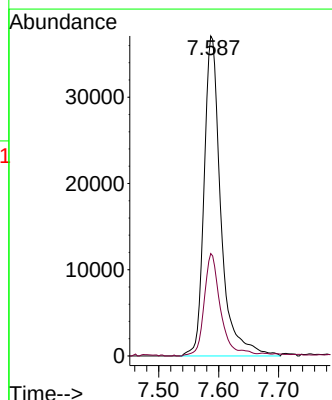
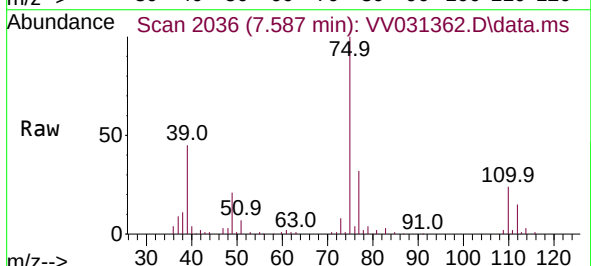
Acq: 06 Jun 2023 09:26

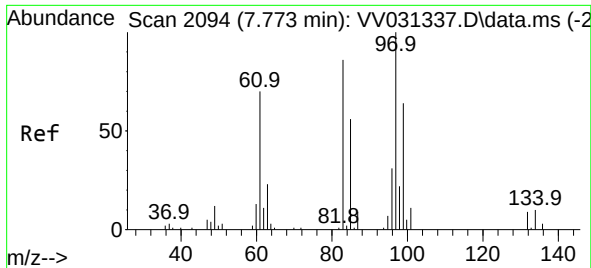
Tgt Ion: 75 Resp: 72319

Ion Ratio Lower Upper

75 100

77 32.0 22.8 42.4



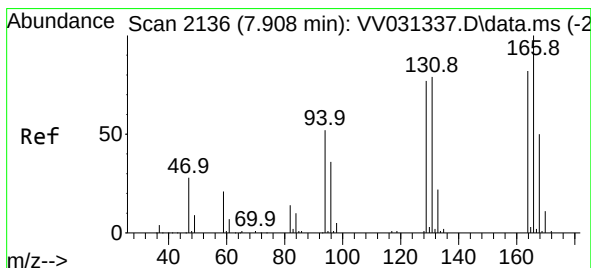
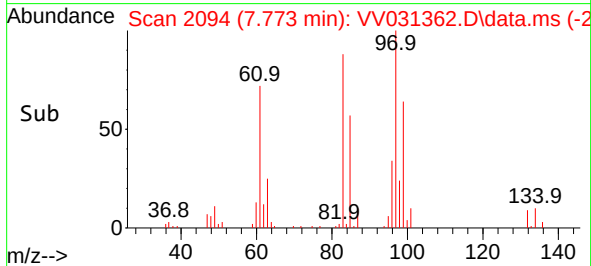
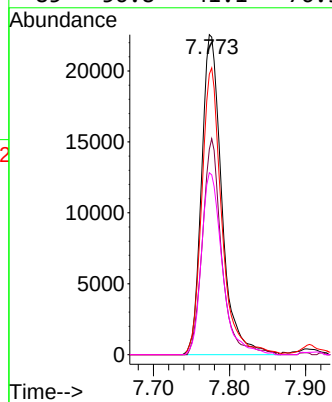
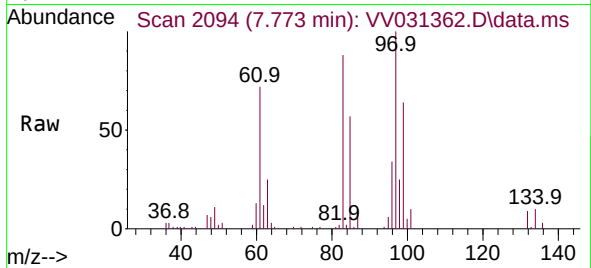


#45
1,1,2-Trichloroethane
Concen: 4.623 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. -0.000 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD005365

Tgt Ion: 97 Resp: 41783

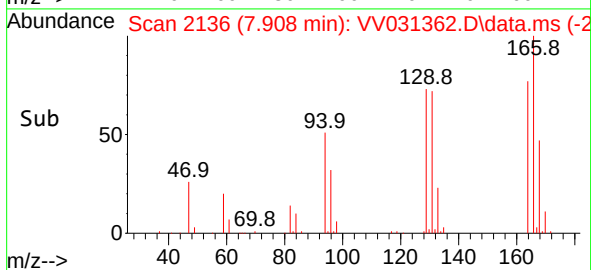
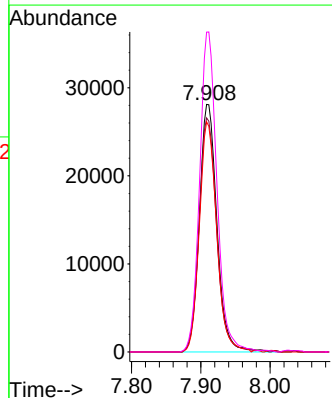
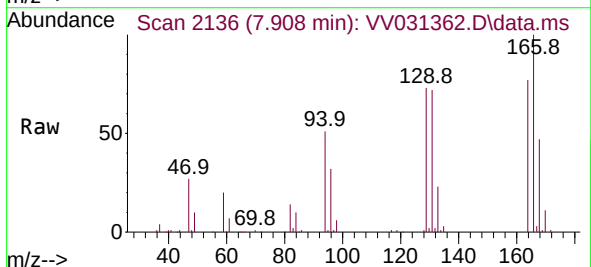
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.1	80.1
83	87.7	63.1	117.1
85	56.8	41.1	76.3

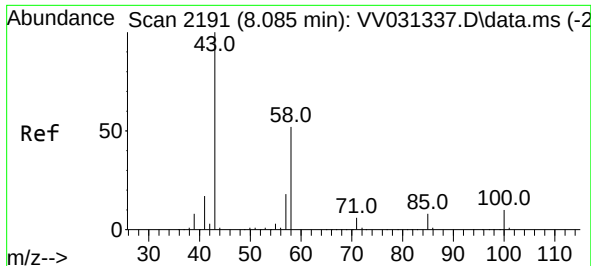


#47
Tetrachloroethene
Concen: 5.227 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

Tgt Ion: 164 Resp: 49769

Ion	Ratio	Lower	Upper
164	100		
129	94.6	66.0	122.6
131	93.0	65.3	121.3
166	129.2	90.1	167.3



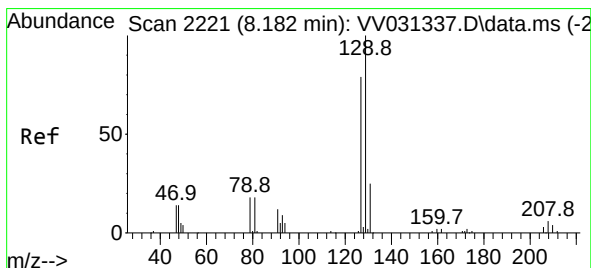
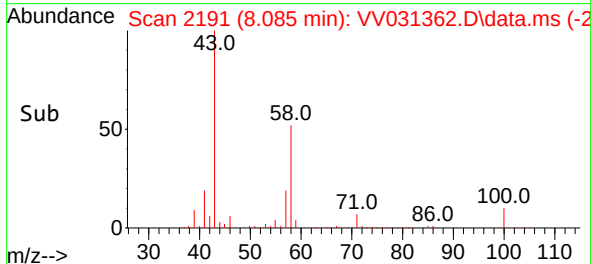
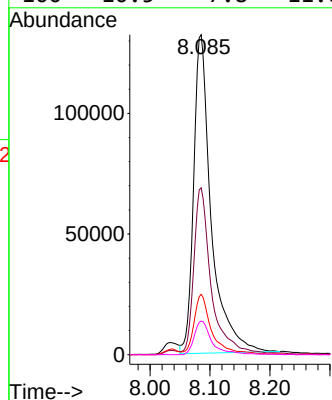
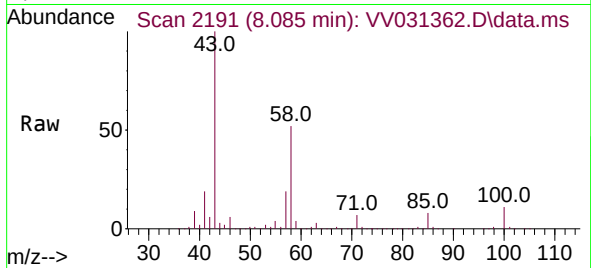


#48
2-Hexanone
Concen: 43.507 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. -0.000 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD005365

Tgt Ion: 43 Resp: 269944

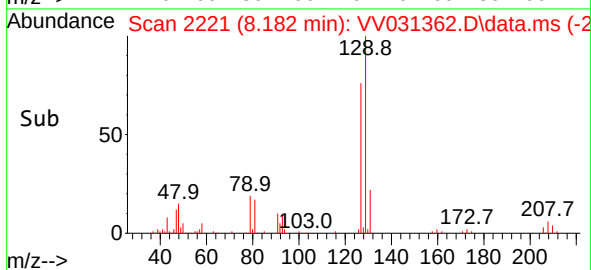
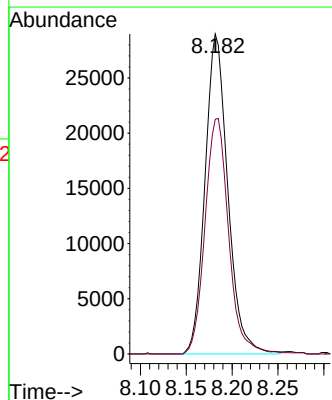
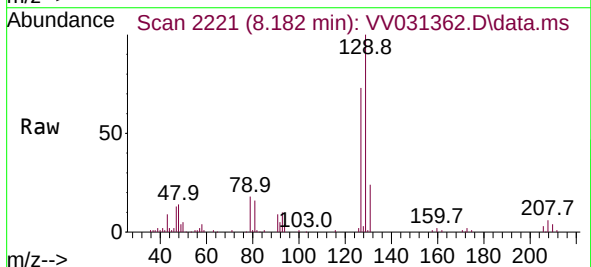
Ion	Ratio	Lower	Upper
43	100		
58	50.6	41.1	61.7
57	18.6	14.4	21.6
100	10.5	7.8	11.6

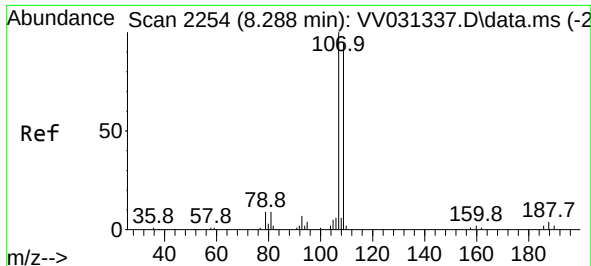


#49
Dibromochloromethane
Concen: 4.967 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. -0.000 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

Tgt Ion: 129 Resp: 50134

Ion	Ratio	Lower	Upper
129	100		
127	73.4	55.0	102.2





#50

1,2-Dibromoethane

Concen: 4.808 ug/L

RT: 8.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV031362.D

Acq: 06 Jun 2023 09:26

Instrument :

MSVOA_V

ClientSampleId :

VSTD005365

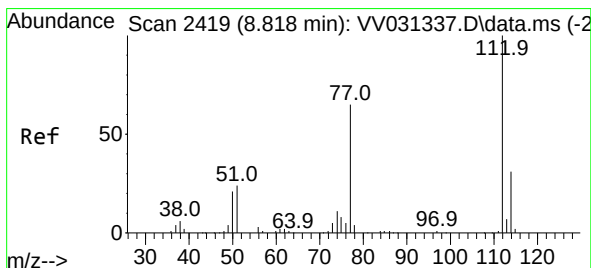
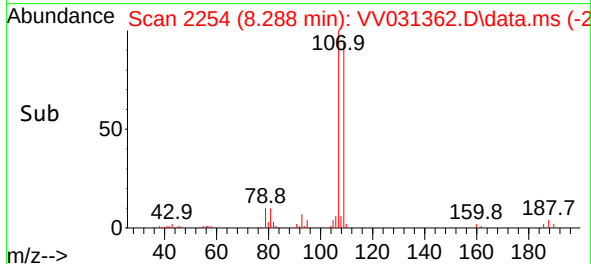
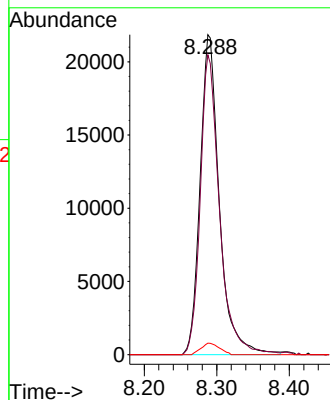
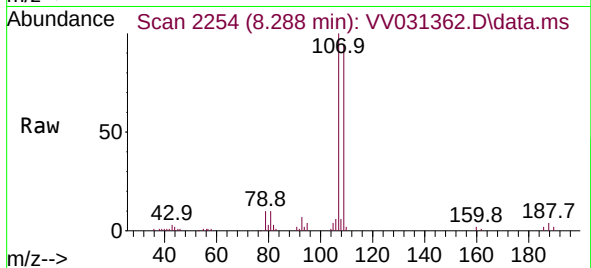
Tgt Ion:107 Resp: 40193

Ion Ratio Lower Upper

107 100

109 93.7 62.2 115.4

188 3.6 3.0 4.4



#51

Chlorobenzene

Concen: 5.010 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. -0.000 min

Lab File: VV031362.D

Acq: 06 Jun 2023 09:26

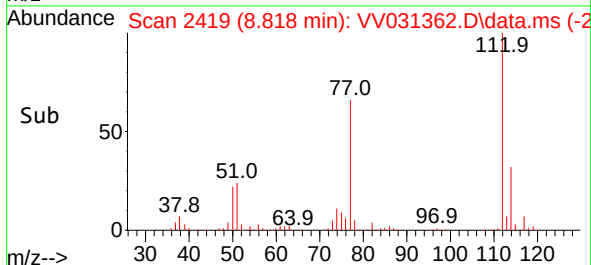
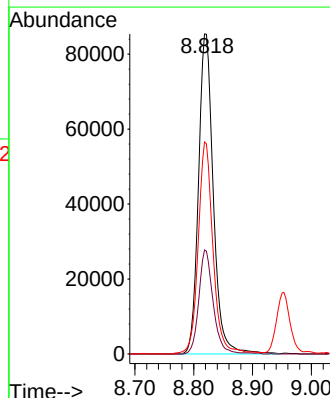
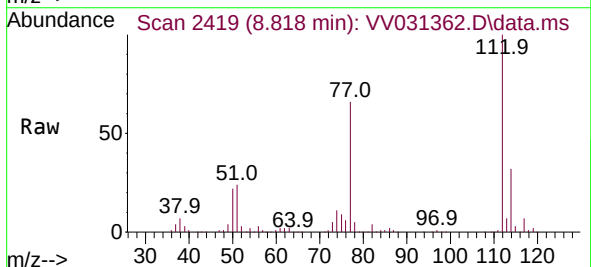
Tgt Ion:112 Resp: 149837

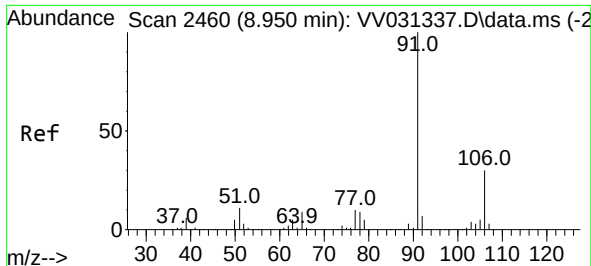
Ion Ratio Lower Upper

112 100

114 32.5 22.7 42.1

77 66.3 52.2 78.2





#52

Ethylbenzene

Concen: 4.991 ug/L

RT: 8.953 min Scan# 2460

Delta R.T. 0.003 min

Lab File: VV031362.D

Acq: 06 Jun 2023 09:26

Instrument :

MSVOA_V

ClientSampleId :

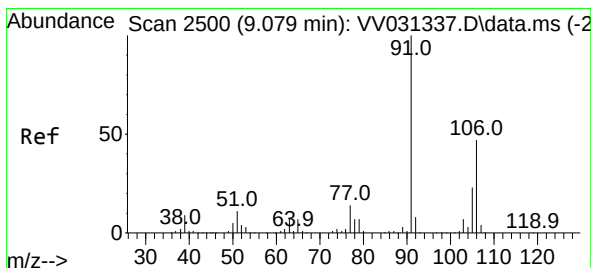
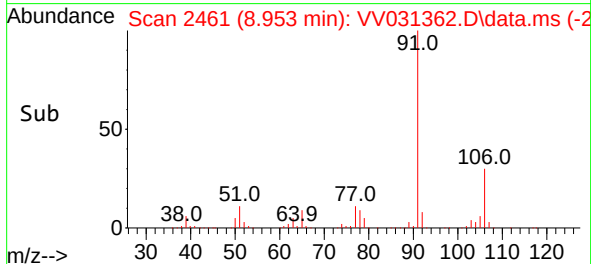
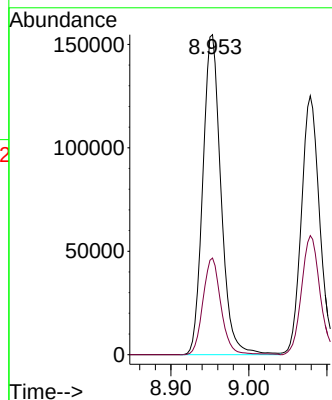
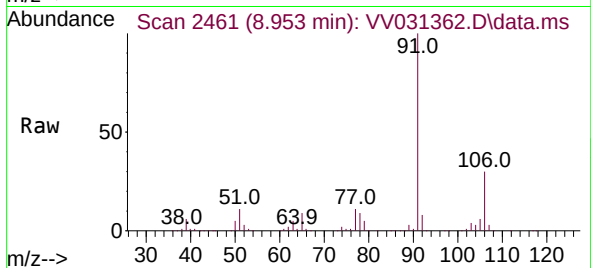
VSTD005365

Tgt Ion: 91 Resp: 250649

Ion Ratio Lower Upper

91 100

106 30.2 20.0 37.2



#53

m,p-Xylene

Concen: 5.329 ug/L

RT: 9.079 min Scan# 2500

Delta R.T. -0.000 min

Lab File: VV031362.D

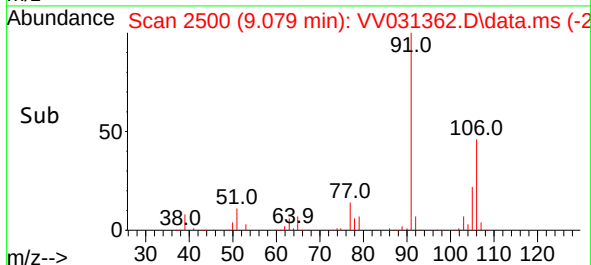
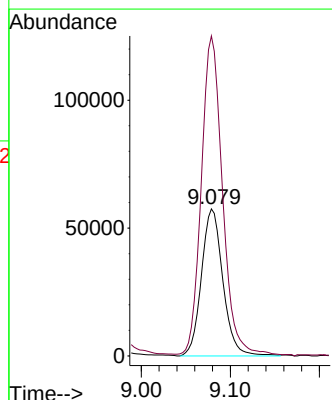
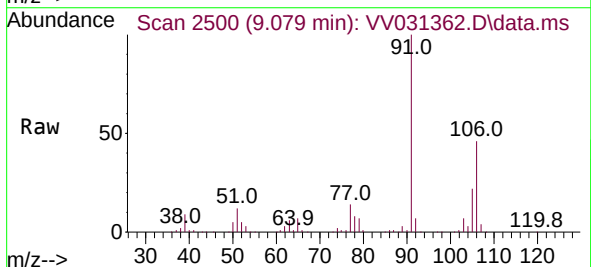
Acq: 06 Jun 2023 09:26

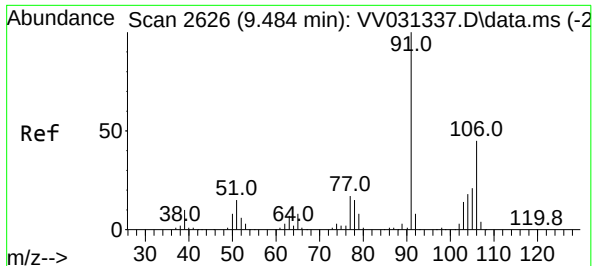
Tgt Ion: 106 Resp: 96281

Ion Ratio Lower Upper

106 100

91 217.6 154.3 286.5

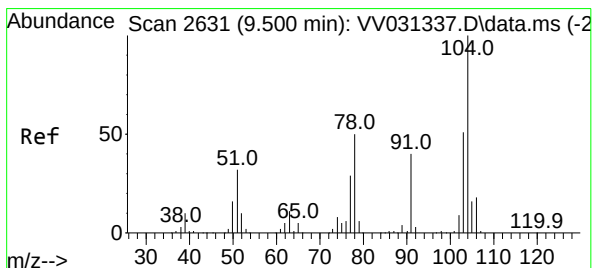
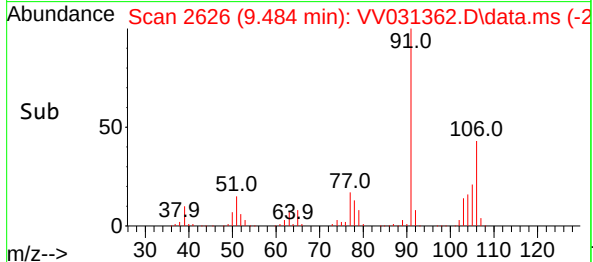
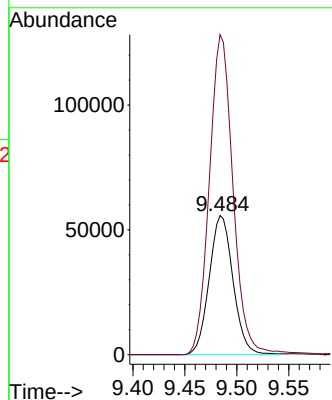
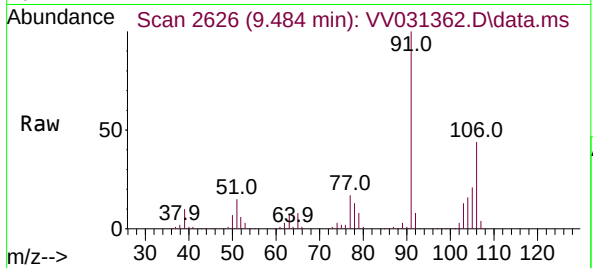




#54
o-Xylene
Concen: 5.254 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

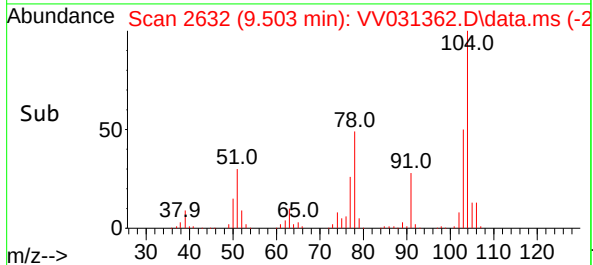
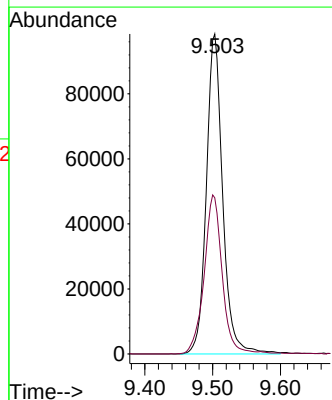
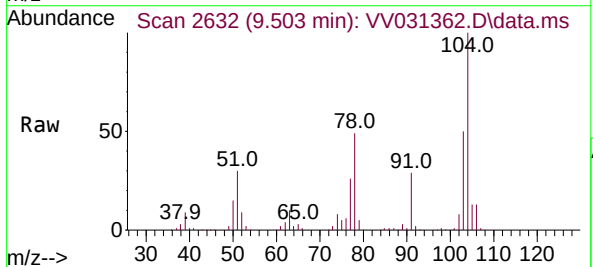
Instrument : MSVOA_V
ClientSampleId : VSTD005365

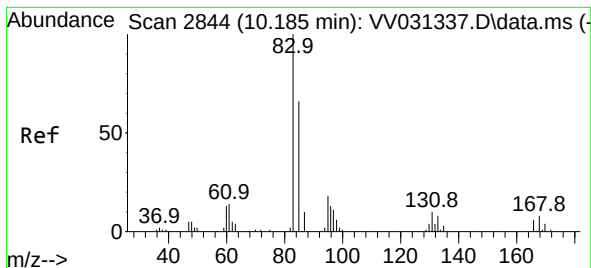
Tgt Ion:106 Resp: 88961
Ion Ratio Lower Upper
106 100
91 229.8 159.0 295.4



#55
Styrene
Concen: 5.474 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.003 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

Tgt Ion:104 Resp: 164846
Ion Ratio Lower Upper
104 100
78 48.8 35.9 66.7

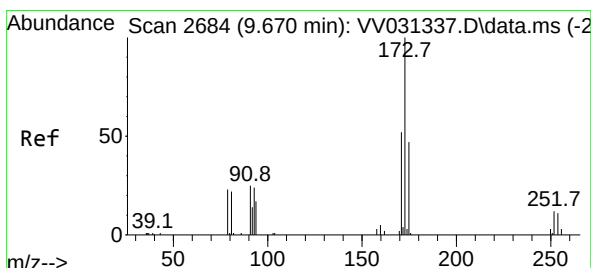
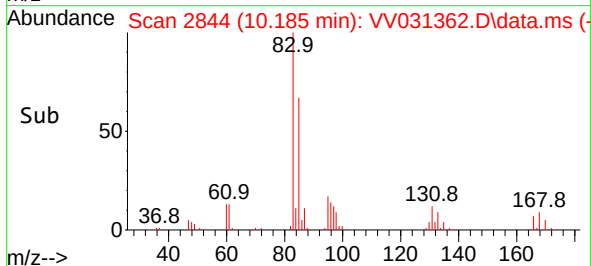
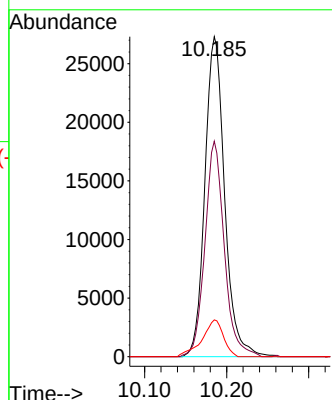
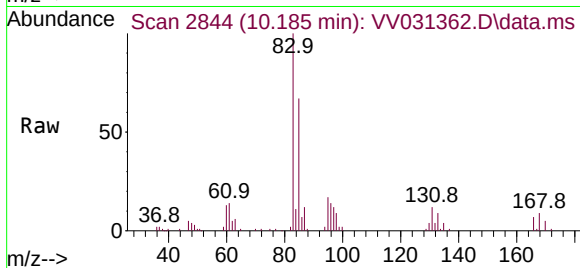




#57
1,1,2,2-Tetrachloroethane
Concen: 4.250 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

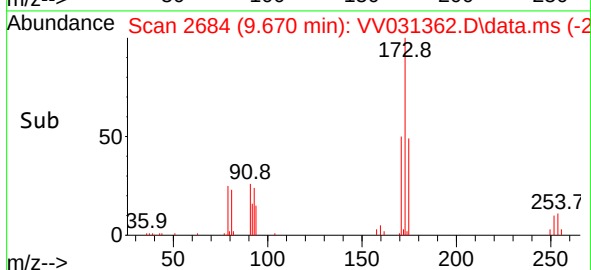
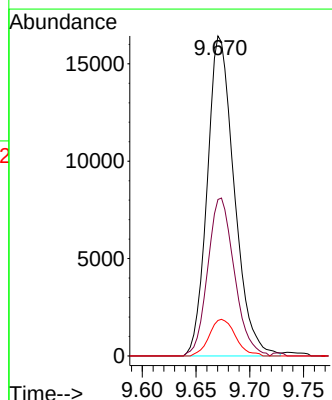
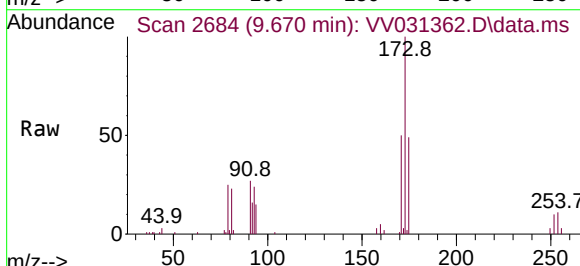
Instrument : MSVOA_V
ClientSampleId : VSTD005365

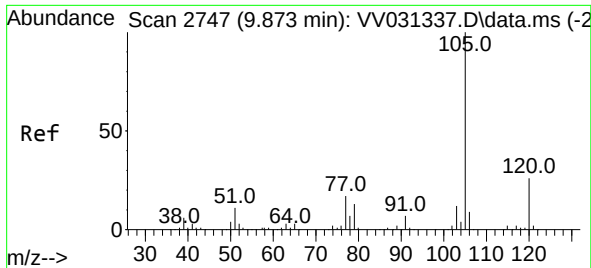
Tgt Ion: 83 Resp: 45785
Ion Ratio Lower Upper
83 100
85 67.4 45.0 83.6
131 11.5 7.3 10.9#



#59
Bromoform
Concen: 4.963 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. -0.000 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

Tgt Ion: 173 Resp: 28707
Ion Ratio Lower Upper
173 100
175 48.6 38.9 58.3
254 11.1 7.8 11.8

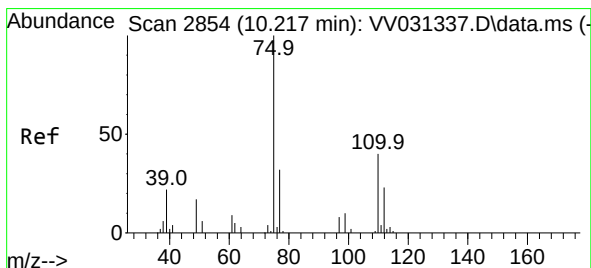
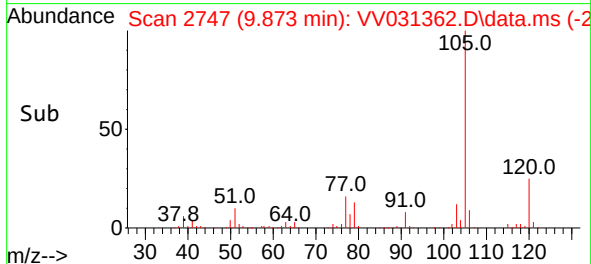
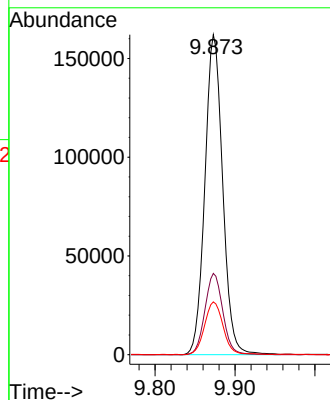
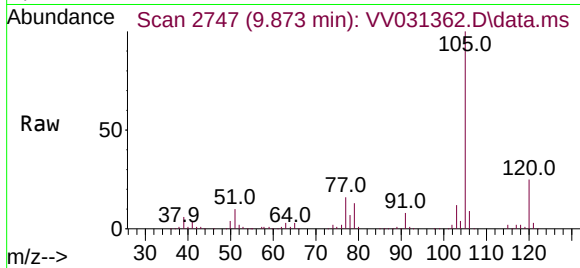




#60
Isopropylbenzene
Concen: 4.872 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

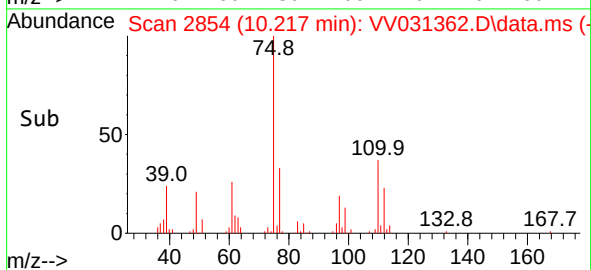
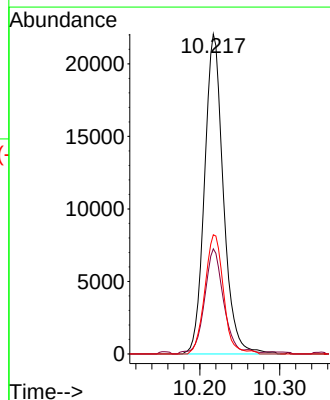
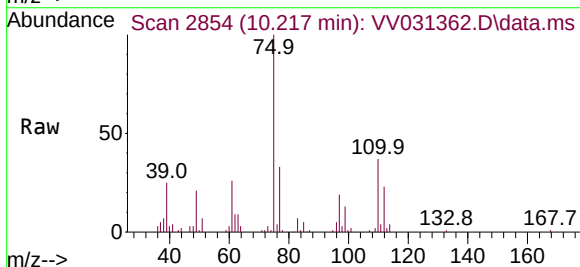
Instrument :
MSVOA_V
ClientSampleId :
VSTD005365

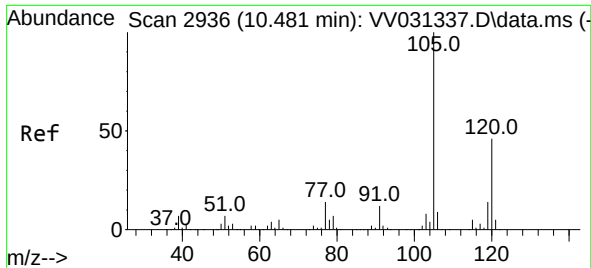
Tgt Ion:105 Resp: 251280
Ion Ratio Lower Upper
105 100
120 25.6 19.9 29.9
77 17.3 14.2 21.2



#61
1,2,3-Trichloropropane
Concen: 4.126 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

Tgt Ion: 75 Resp: 36190
Ion Ratio Lower Upper
75 100
77 32.9 27.3 40.9
110 37.0 29.4 44.0

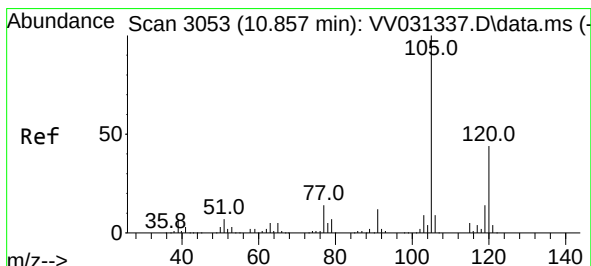
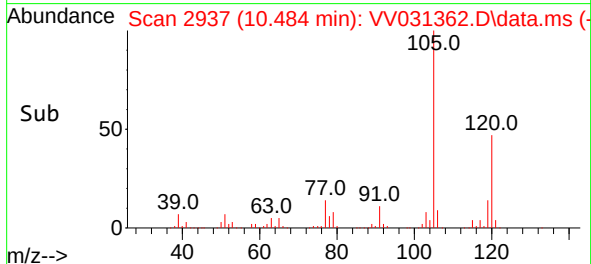
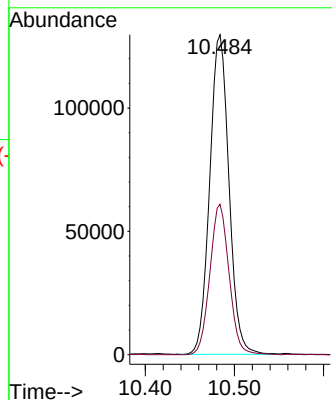
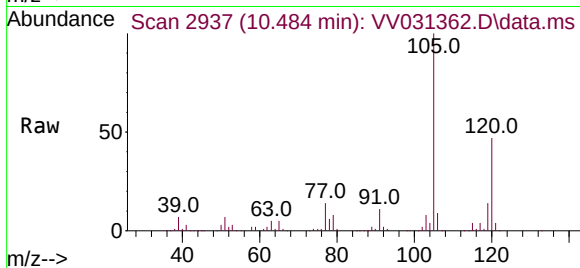




#62
1,3,5-Trimethylbenzene
Concen: 4.644 ug/L
RT: 10.484 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

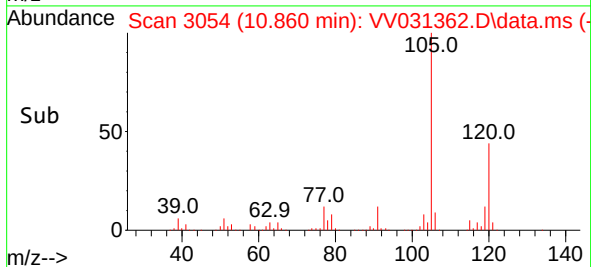
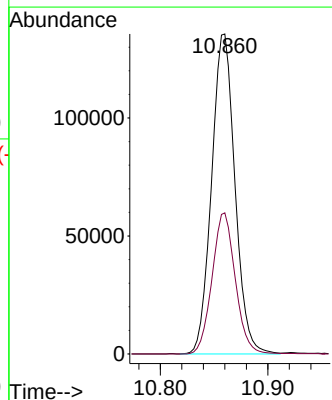
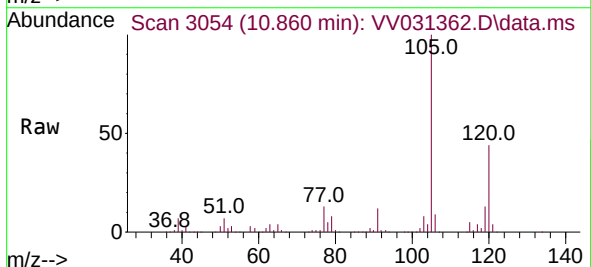
Instrument :
MSVOA_V
ClientSampleId :
VSTD005365

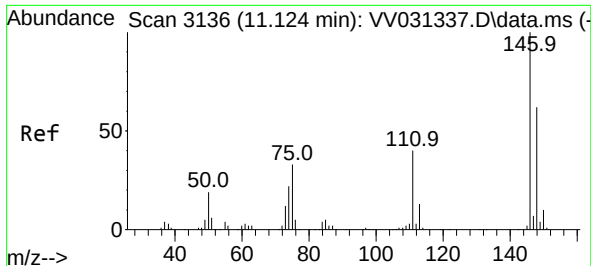
Tgt Ion:105 Resp: 194050
Ion Ratio Lower Upper
105 100
120 47.0 35.9 53.9



#63
1,2,4-Trimethylbenzene
Concen: 4.745 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.003 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

Tgt Ion:105 Resp: 204672
Ion Ratio Lower Upper
105 100
120 43.9 33.2 49.8

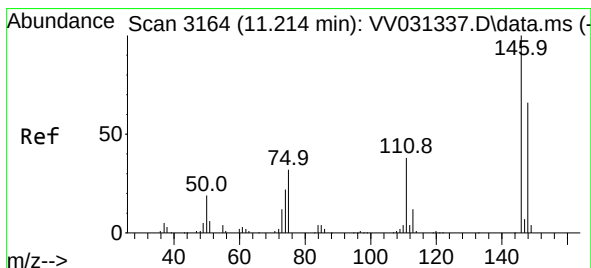
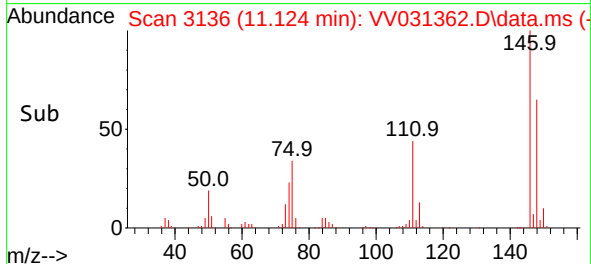
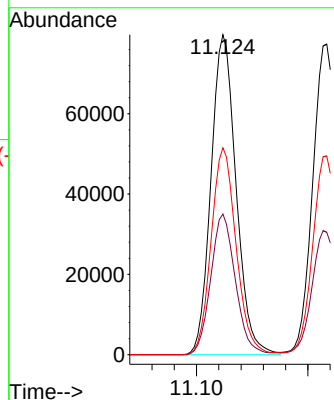
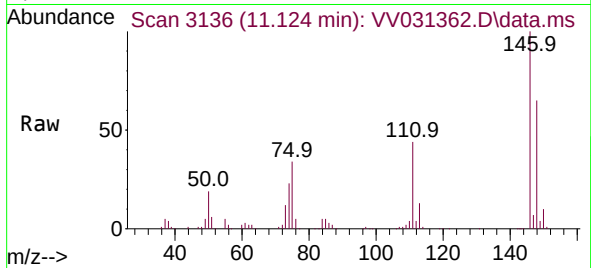




#64
1,3-Dichlorobenzene
Concen: 4.982 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

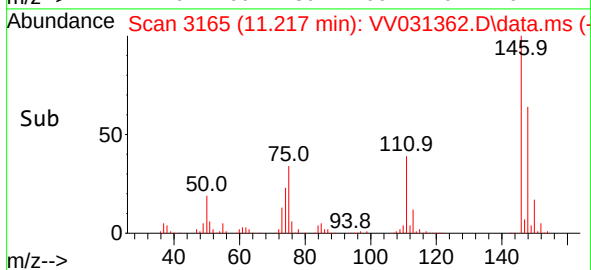
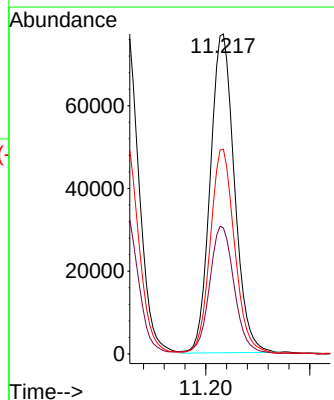
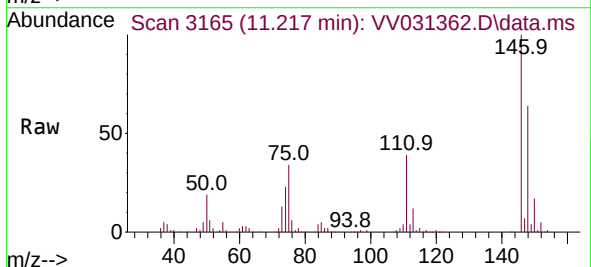
Instrument :
MSVOA_V
ClientSampleId :
VSTD005365

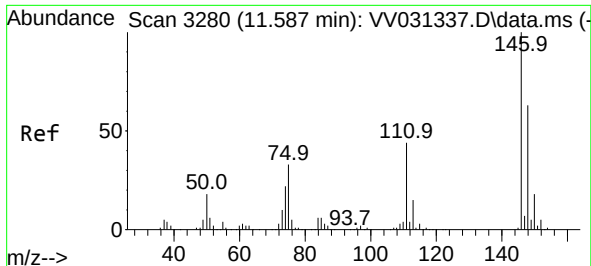
Tgt Ion:146 Resp: 124431
Ion Ratio Lower Upper
146 100
111 44.0 31.1 57.9
148 64.6 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 4.765 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

Tgt Ion:146 Resp: 124650
Ion Ratio Lower Upper
146 100
111 39.4 28.4 52.8
148 64.0 44.2 82.0

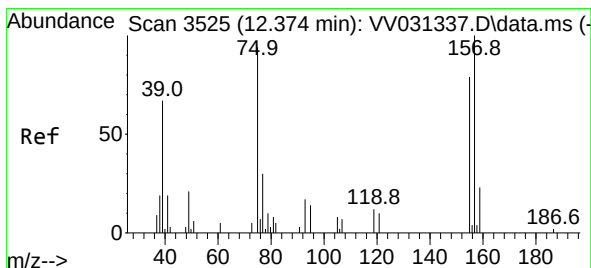
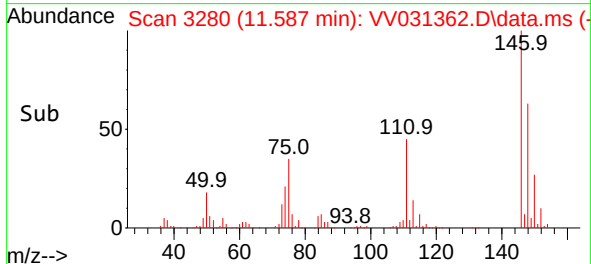
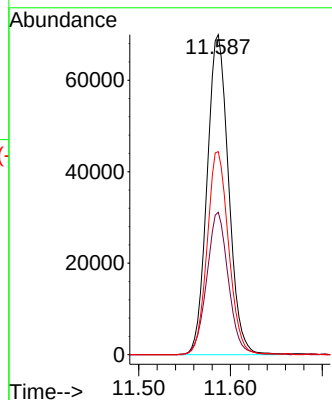
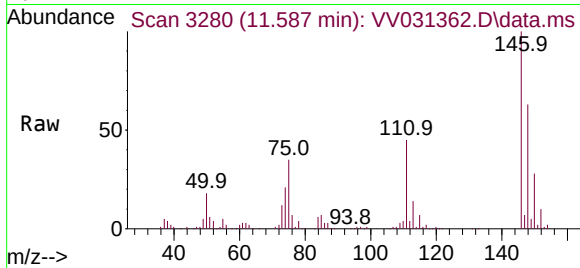




#67
1,2-Dichlorobenzene
Concen: 4.753 ug/L
RT: 11.587 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

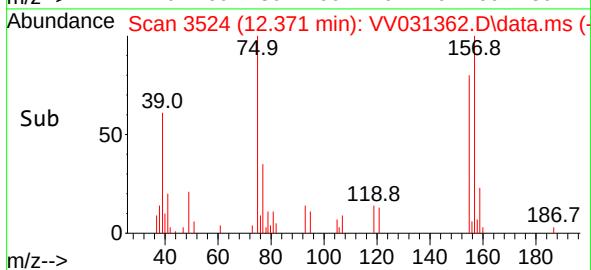
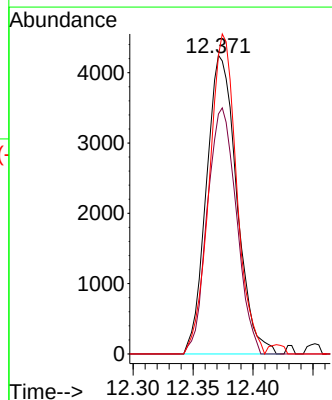
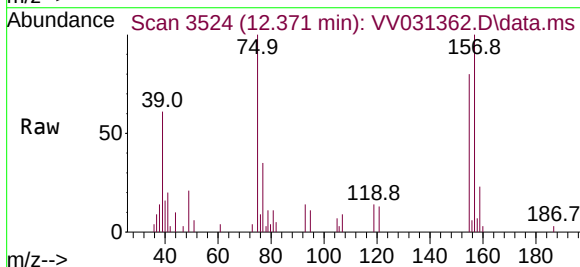
Instrument :
MSVOA_V
ClientSampleId :
VSTD005365

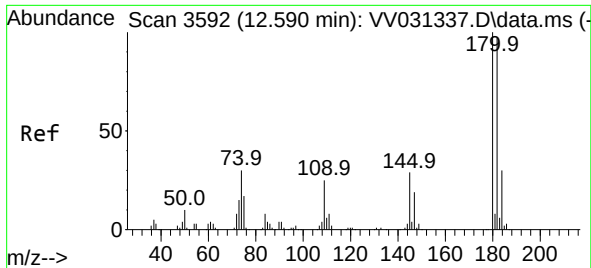
Tgt Ion:146 Resp: 113868
Ion Ratio Lower Upper
146 100
111 44.5 36.6 54.8
148 63.5 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 3.712 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. -0.003 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

Tgt Ion: 75 Resp: 7468
Ion Ratio Lower Upper
75 100
155 80.3 54.6 82.0
157 99.9 72.7 109.1

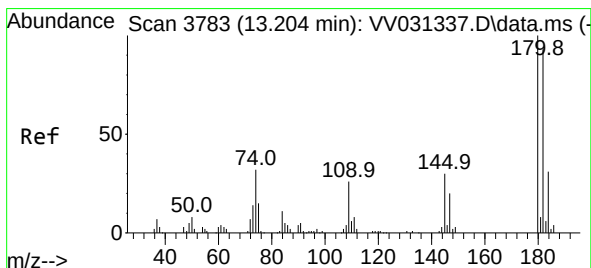
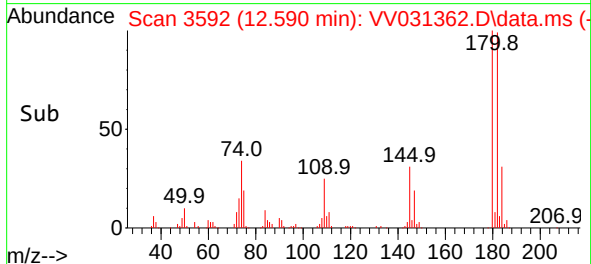
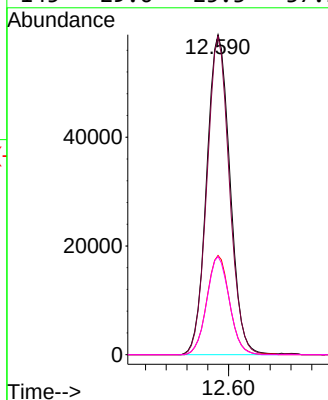
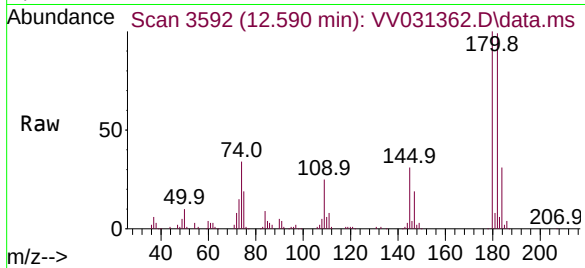




#69
 1,3,5-Trichlorobenzene
 Concen: 4.935 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. -0.000 min
 Lab File: VV031362.D
 Acq: 06 Jun 2023 09:26

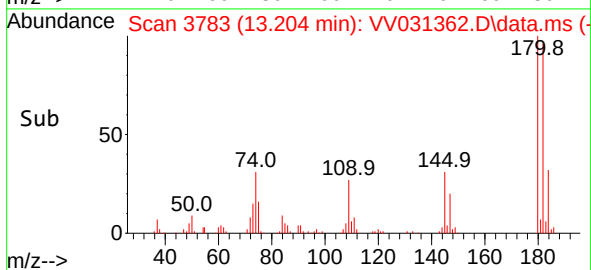
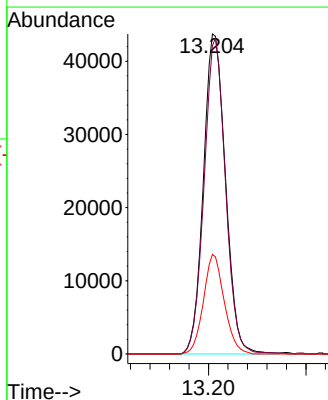
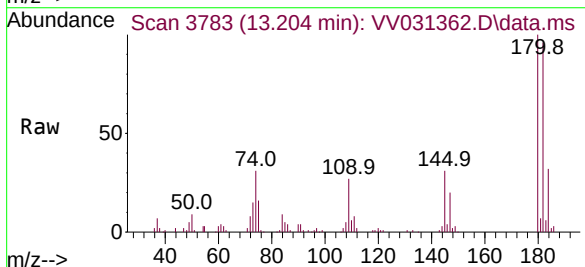
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005365

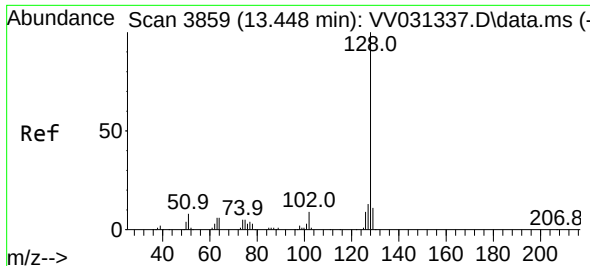
Tgt Ion:180	Resp:	91590
Ion	Ratio	Lower Upper
180	100	
182	95.9	76.1 114.1
184	30.2	23.8 35.6
145	29.6	25.3 37.9



#70
 1,2,4-trichlorobenzene
 Concen: 4.621 ug/L
 RT: 13.204 min Scan# 3783
 Delta R.T. -0.000 min
 Lab File: VV031362.D
 Acq: 06 Jun 2023 09:26

Tgt Ion:180	Resp:	68783
Ion	Ratio	Lower Upper
180	100	
182	95.6	76.7 115.1
145	29.3	26.3 39.5

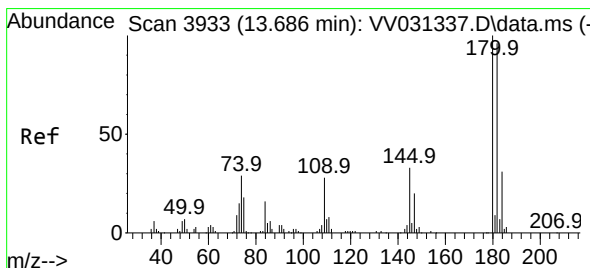
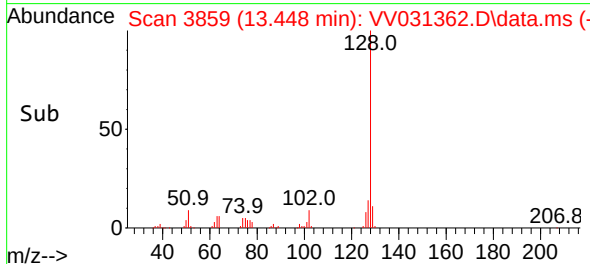
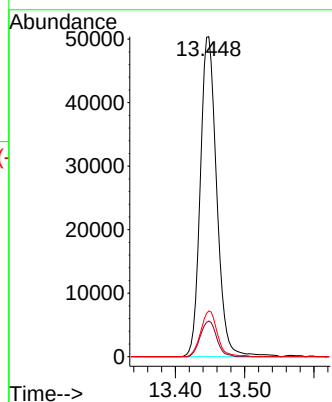
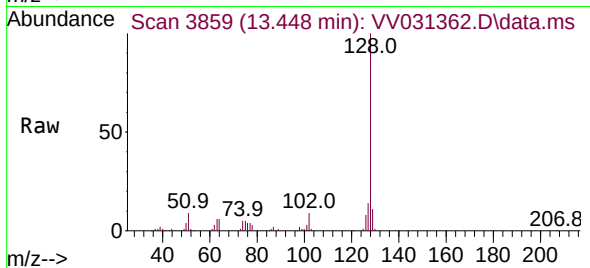




#71
Naphthalene
Concen: 3.637 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD005365

Tgt Ion:	128	Resp:	83049
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.0	13.6
127	14.4	11.4	17.2



#72
1,2,3-Trichlorobenzene
Concen: 4.465 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. 0.003 min
Lab File: VV031362.D
Acq: 06 Jun 2023 09:26

Tgt Ion:	180	Resp:	59609
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.4	113.0
145	31.3	27.8	41.6

