

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072022\
 Data File : VW026862.D
 Acq On : 20 Jul 2022 20:50
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005362

Quant Time: Jul 21 01:54:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 21 01:47:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	255208	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	250845	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	138441	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	105085	4.514	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.564	69	92776	4.612	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.105	63	195646	4.377	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	3.889	46	190316	52.375	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.740%
24) Chloroform-d	4.346	84	202829	4.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.031	65	86867	4.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.047	84	390343	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.069	67	114700	5.019	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.313	98	356119	5.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
43) trans-1,3-Dichloroprop...	7.622	79	36002	4.815	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.088	63	158620	48.998	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.000%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	86837	4.877	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	116212	4.818	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	145440	4.483	ug/L	100
3) Chloromethane	1.240	50	127736	4.103	ug/L	100
5) Vinyl chloride	1.307	62	135608	4.278	ug/L	99
6) Bromomethane	1.516	94	76754	4.045	ug/L	97
8) Chloroethane	1.581	64	81628	4.370	ug/L	98
9) Trichlorofluoromethane	1.748	101	183828	4.563	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	106117	4.598	ug/L	99
12) 1,1-Dichloroethene	2.114	96	99208	4.433	ug/L	96
13) Acetone	2.179	43	134058	43.848	ug/L #	28
14) Carbon disulfide	2.288	76	287201	4.356	ug/L	99
15) Methyl Acetate	2.436	43	33762	5.460	ug/L	96
16) Methylene chloride	2.503	84	124606	4.675	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	187216	4.856	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	103201	5.018	ug/L	95
19) 1,1-Dichloroethane	3.185	63	191163	5.090	ug/L	100
21) 2-Butanone	3.973	43	190831	53.521	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	106930	5.155	ug/L	98
23) Bromochloromethane	4.246	128	48939	5.121	ug/L	95
25) Chloroform	4.371	83	199507	5.072	ug/L	100

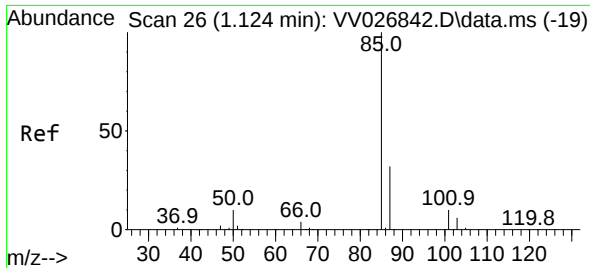
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072022\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 21 01:47:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	103010	4.860	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	171269	5.067	ug/L	98
30) Cyclohexane	4.674	56	133355	4.630	ug/L	98
31) Carbon tetrachloride	4.825	117	148850	4.986	ug/L	96
33) Benzene	5.095	78	424863	5.066	ug/L	100
34) Trichloroethene	5.912	95	107272	5.204	ug/L	97
35) Methylcyclohexane	6.130	83	147584	4.691	ug/L	99
37) 1,2-Dichloropropane	6.172	63	109006	5.436	ug/L	98
38) Bromodichloromethane	6.510	83	131513	5.030	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	120147	4.821	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	475203	51.301	ug/L	99
42) Toluene	7.387	91	447666	5.285	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	104290	5.096	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	74657	5.093	ug/L	94
47) Tetrachloroethene	7.973	164	83777	5.182	ug/L	99
48) 2-Hexanone	8.140	43	354577	52.889	ug/L	99
49) Dibromochloromethane	8.246	129	85603	5.067	ug/L	94
50) 1,2-Dibromoethane	8.352	107	67773	5.225	ug/L	95
51) Chlorobenzene	8.879	112	280351	5.235	ug/L	98
52) Ethylbenzene	9.011	91	419865	5.009	ug/L	98
53) m,p-Xylene	9.140	106	170054	5.217	ug/L	97
54) o-Xylene	9.542	106	159448	5.147	ug/L	97
55) Styrene	9.561	104	286823	5.284	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	86526	4.986	ug/L	96
59) Bromoform	9.731	173	40734	4.586	ug/L	97
60) Isopropylbenzene	9.931	105	421217	4.878	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	60630	4.749	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	320604	4.667	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	331703	4.755	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	216463	5.117	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	218997	5.091	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	197342	4.995	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	11884	4.391	ug/L	86
69) 1,3,5-Trichlorobenzene	12.644	180	146925	4.913	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	111429	4.900	ug/L	99
71) Naphthalene	13.503	128	166217	4.412	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	100744	4.761	ug/L	98

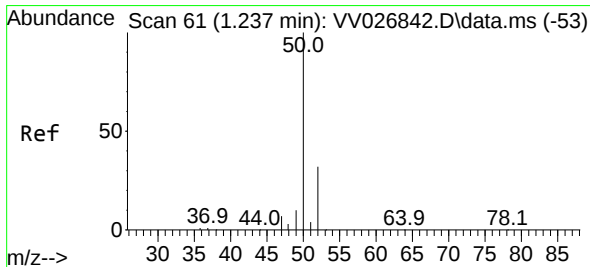
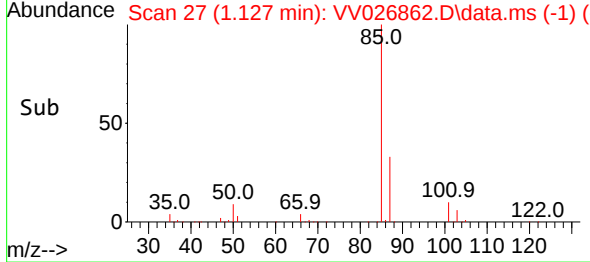
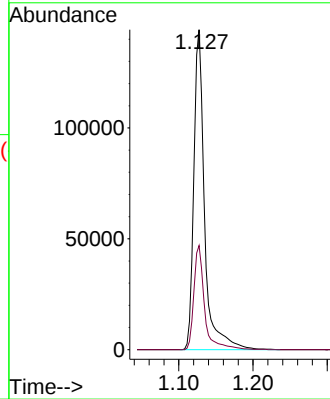
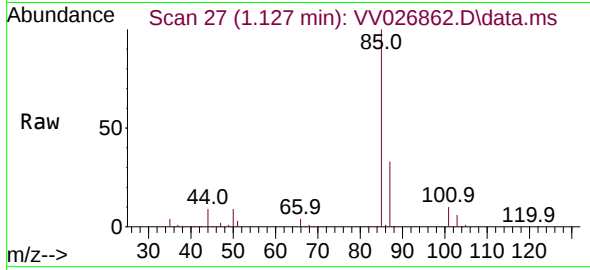
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.483 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026862.D
 Acq: 20 Jul 2022 20:50

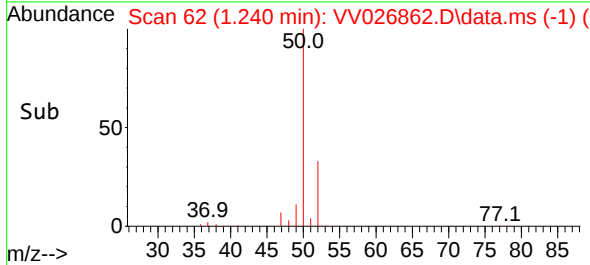
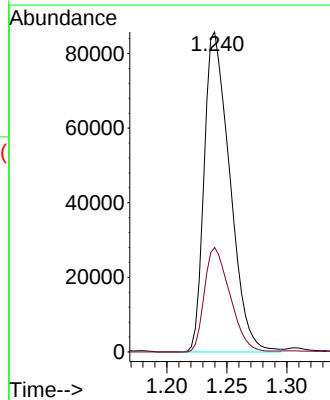
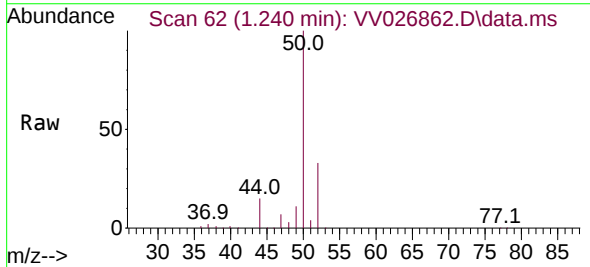
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005362

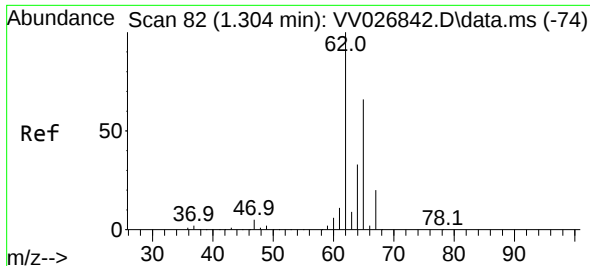
Tgt Ion: 85 Resp: 145440
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.8



#3
 Chloromethane
 Concen: 4.103 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV026862.D
 Acq: 20 Jul 2022 20:50

Tgt Ion: 50 Resp: 127736
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.8 42.4

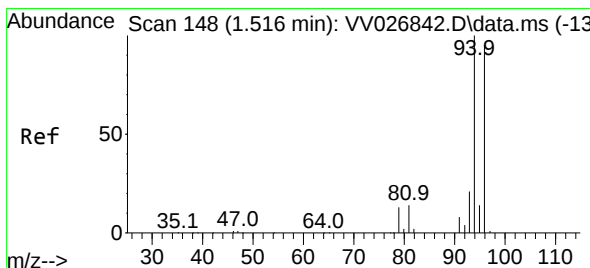
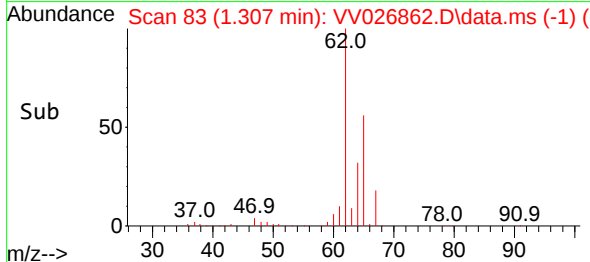
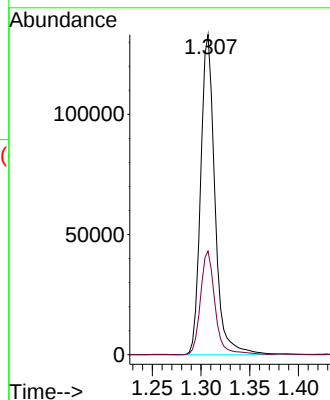
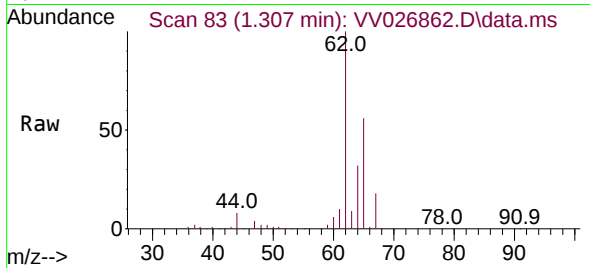




#5
 Vinyl chloride
 Concen: 4.278 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV026862.D
 Acq: 20 Jul 2022 20:50

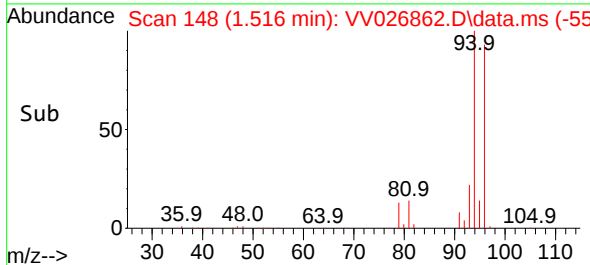
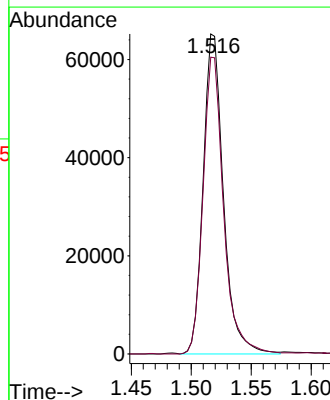
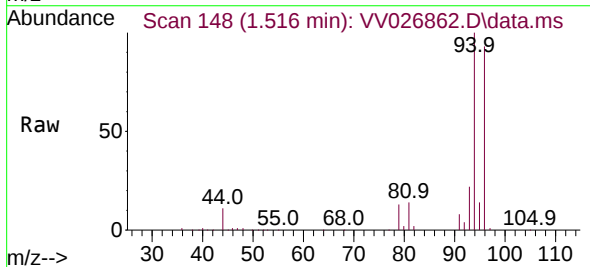
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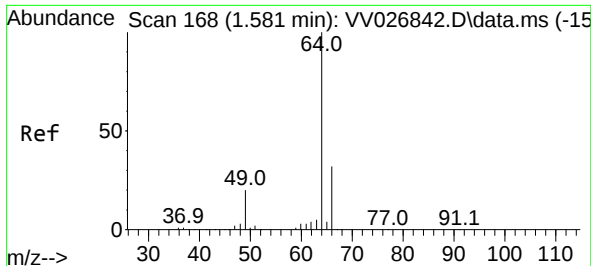
Tgt Ion: 62 Resp: 135608
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.9 42.5



#6
 Bromomethane
 Concen: 4.045 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV026862.D
 Acq: 20 Jul 2022 20:50

Tgt Ion: 94 Resp: 76754
 Ion Ratio Lower Upper
 94 100
 96 92.7 67.1 124.7

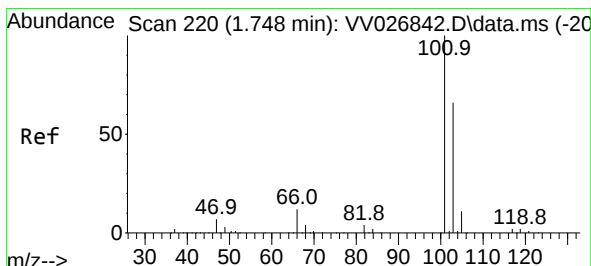
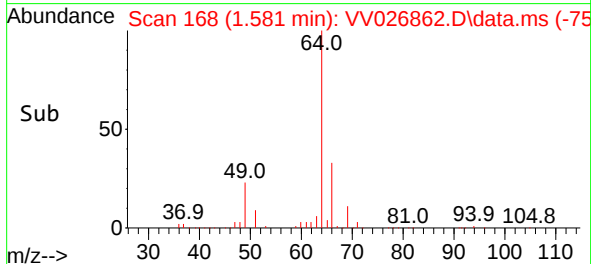
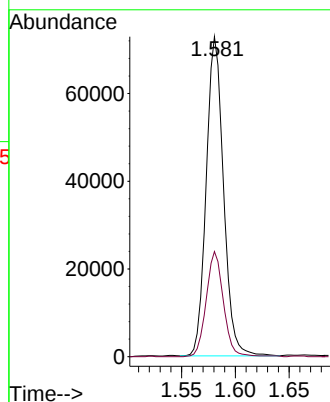
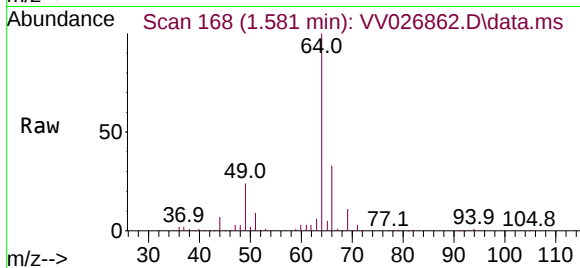




#8
Chloroethane
Concen: 4.370 ug/L
RT: 1.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

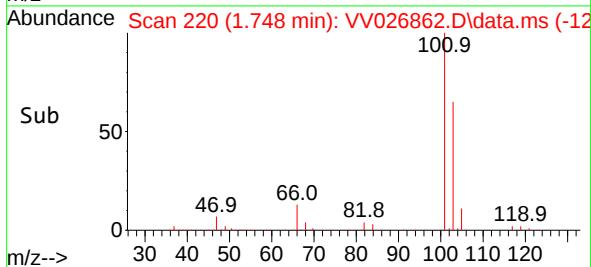
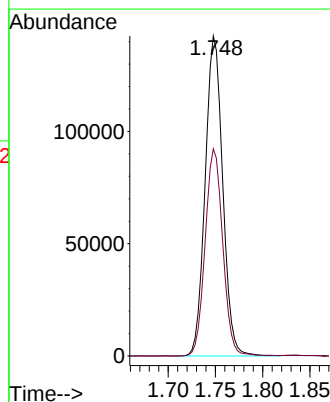
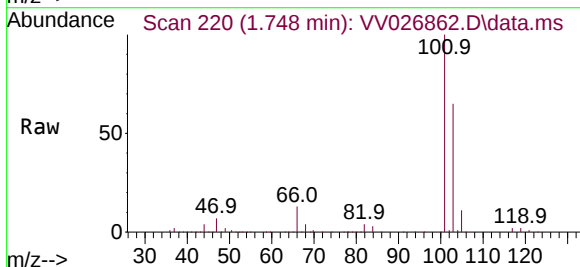
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ClientSampleId :
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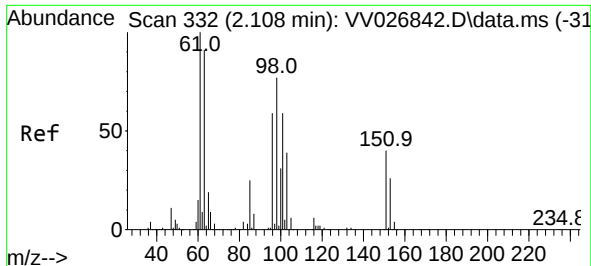
Tgt Ion: 64 Resp: 81628
Ion Ratio Lower Upper
64 100
66 32.9 23.9 44.5



#9
Trichlorofluoromethane
Concen: 4.563 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

Tgt Ion:101 Resp: 183828
Ion Ratio Lower Upper
101 100
103 64.9 51.6 77.4

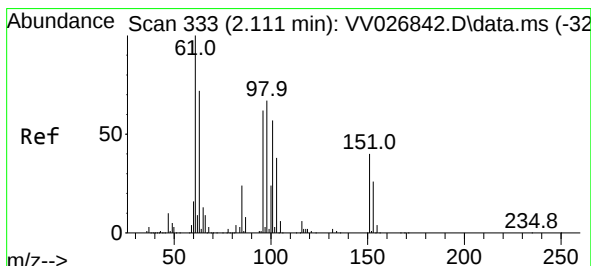
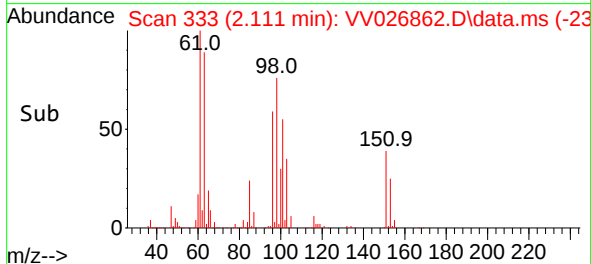
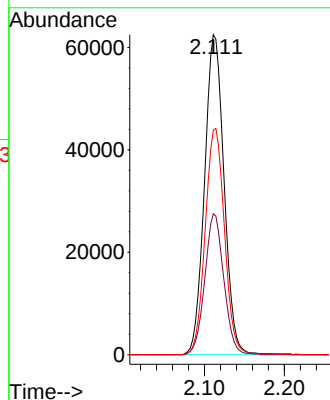
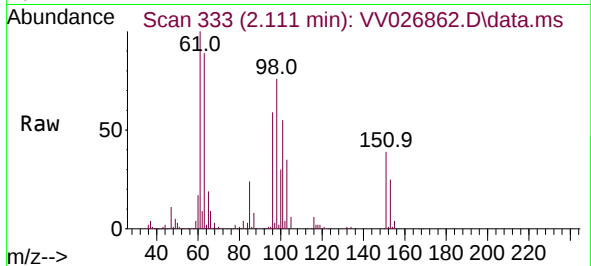




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.598 ug/L
RT: 2.111 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

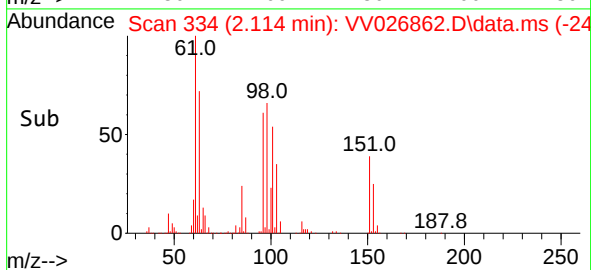
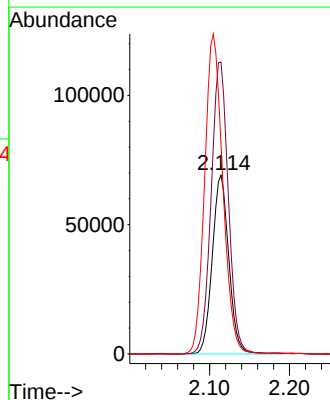
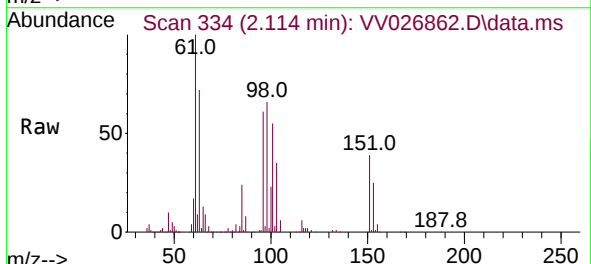
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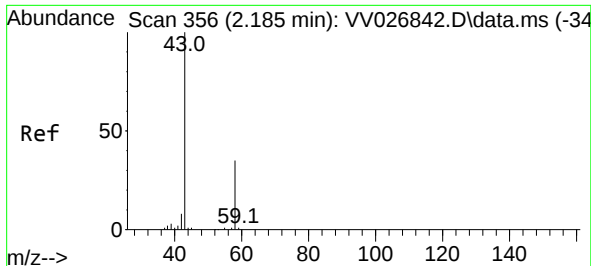
Tgt Ion:101 Resp: 106117
Ion Ratio Lower Upper
101 100
85 42.9 35.0 52.4
151 69.9 56.7 85.1



#12
1,1-Dichloroethene
Concen: 4.433 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

Tgt Ion: 96 Resp: 99208
Ion Ratio Lower Upper
96 100
61 163.3 118.3 219.7
63 117.4 79.9 148.3





#13

Acetone

Concen: 43.848 ug/L

RT: 2.179 min Scan# 3

Delta R.T. -0.006 min

Lab File: VV026862.D

Acq: 20 Jul 2022 20:50

Instrument :

MSVOA_V

ClientSampleId :

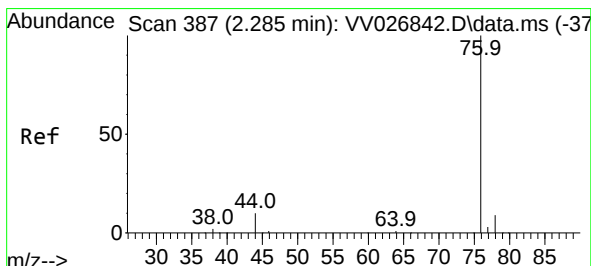
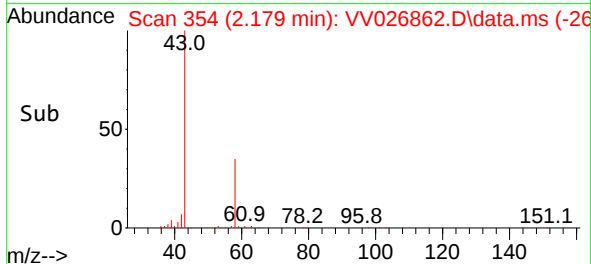
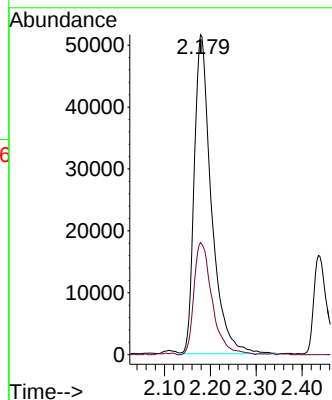
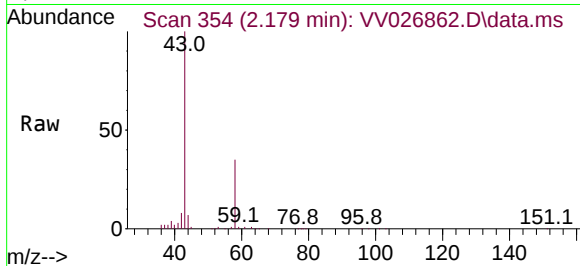
VSTD005362

Tgt Ion: 43 Resp: 134058

Ion Ratio Lower Upper

43 100

58 37.2 0.0 20.6#



#14

Carbon disulfide

Concen: 4.356 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV026862.D

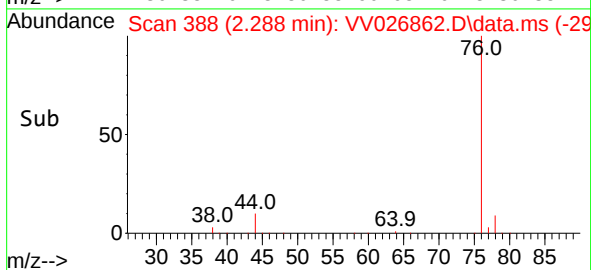
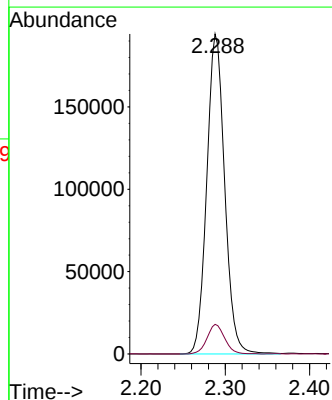
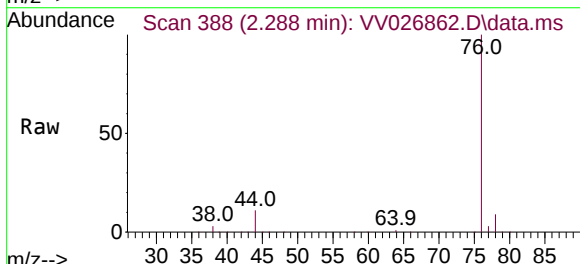
Acq: 20 Jul 2022 20:50

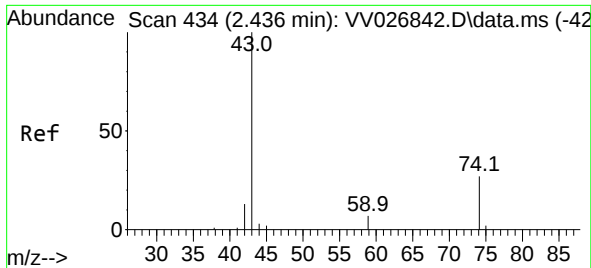
Tgt Ion: 76 Resp: 287201

Ion Ratio Lower Upper

76 100

78 9.3 7.7 11.5

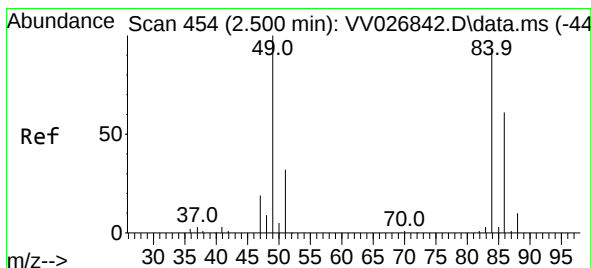
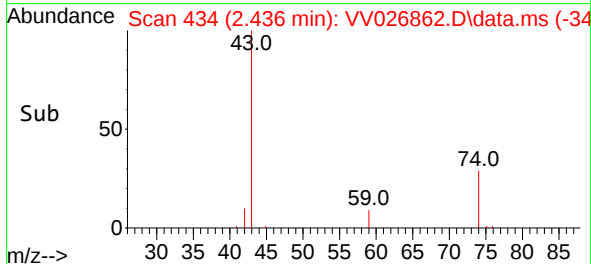
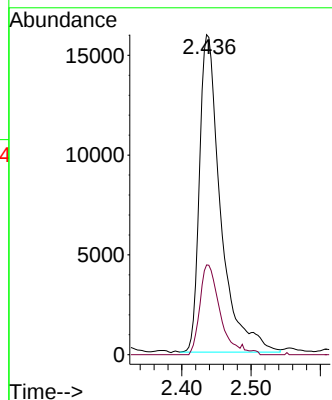
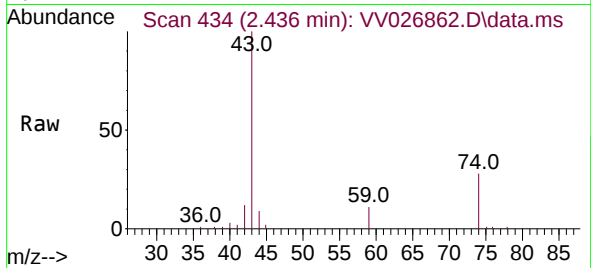




#15
Methyl Acetate
Concen: 5.460 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

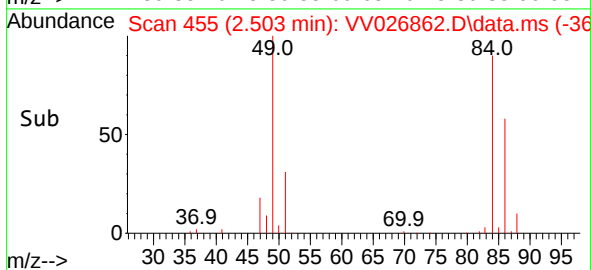
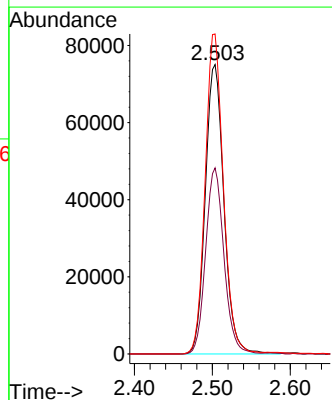
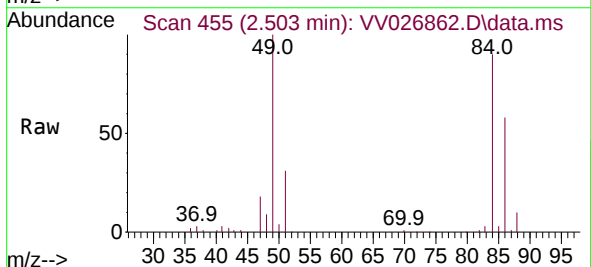
Instrument :
MSVOA_V
ClientSampleId :
VSTD005362

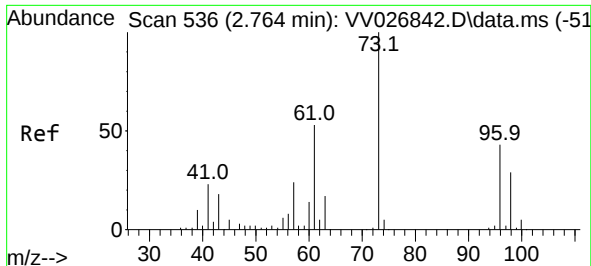
Tgt Ion: 43 Resp: 33762
Ion Ratio Lower Upper
43 100
74 27.2 20.1 30.1



#16
Methylene chloride
Concen: 4.675 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

Tgt Ion: 84 Resp: 124606
Ion Ratio Lower Upper
84 100
86 64.3 44.8 83.2
49 110.6 78.7 146.1

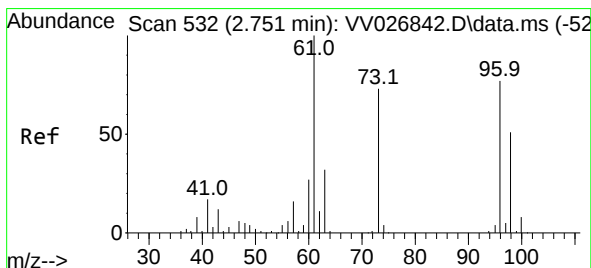
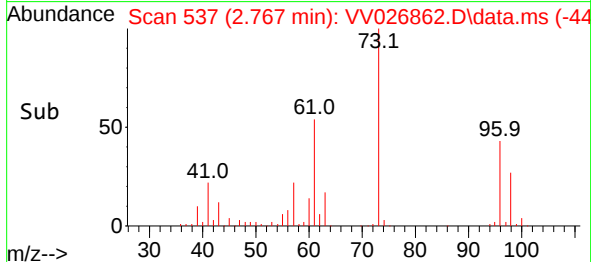
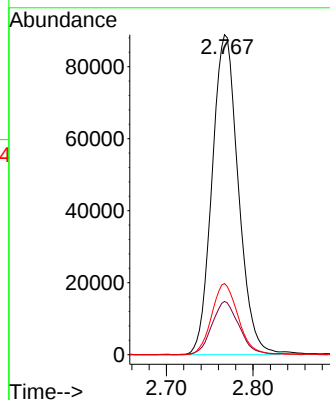
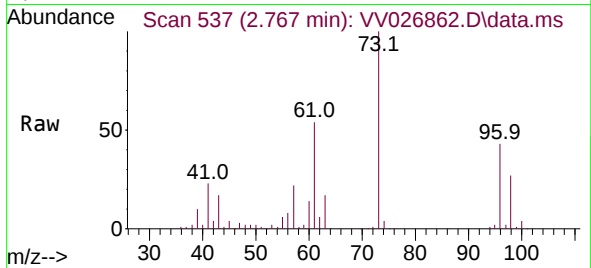




#17
Methyl tert-butyl Ether
Concen: 4.856 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

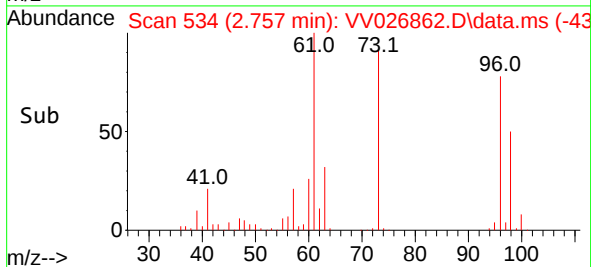
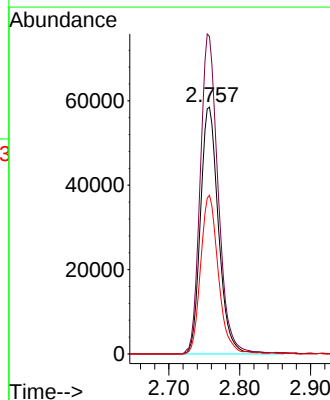
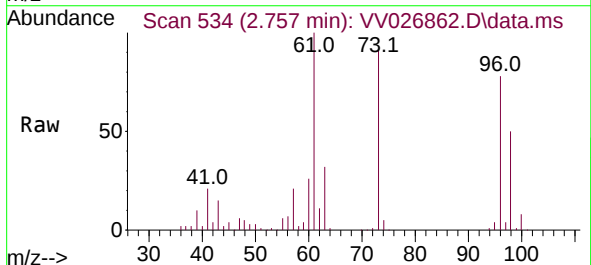
Instrument :
MSVOA_V
ClientSampleId :
VSTD005362

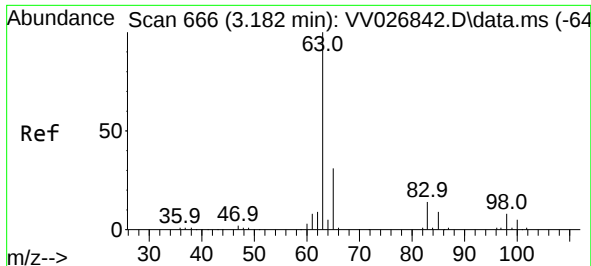
Tgt Ion: 73 Resp: 187216
Ion Ratio Lower Upper
73 100
43 17.3 14.0 21.0
57 22.3 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.018 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

Tgt Ion: 96 Resp: 103201
Ion Ratio Lower Upper
96 100
61 128.6 94.7 175.9
98 64.3 47.4 88.0

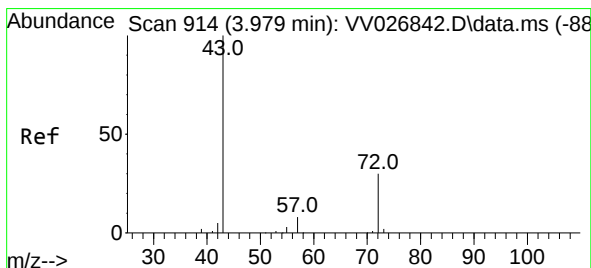
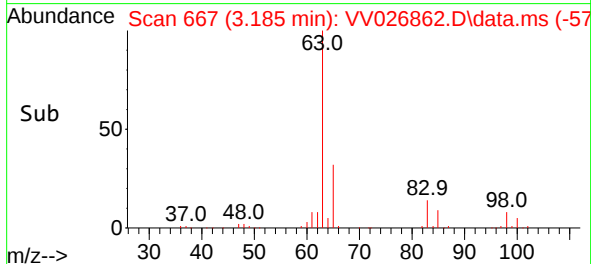
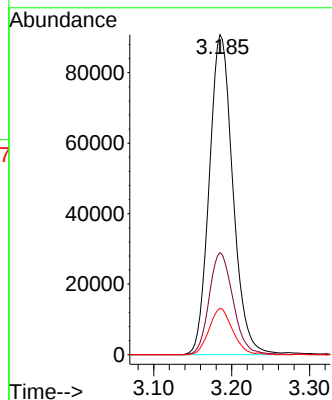
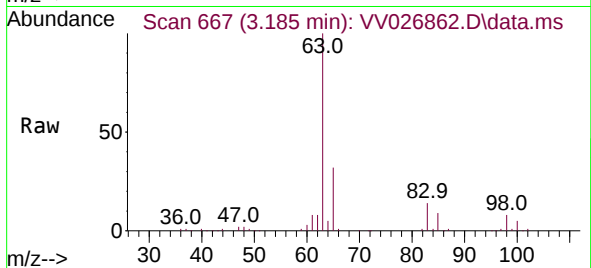




#19
1,1-Dichloroethane
Concen: 5.090 ug/L
RT: 3.185 min Scan# 666
Delta R.T. 0.003 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

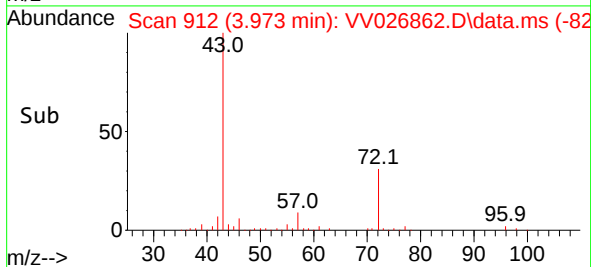
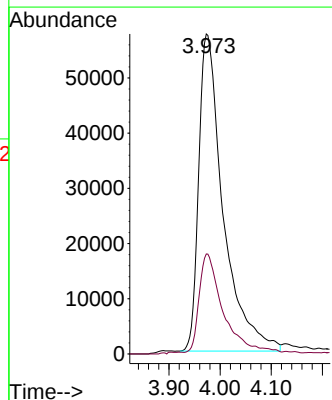
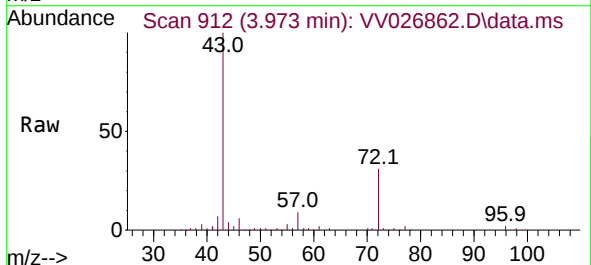
Instrument :
MSVOA_V
ClientSampleId :
VSTD005362

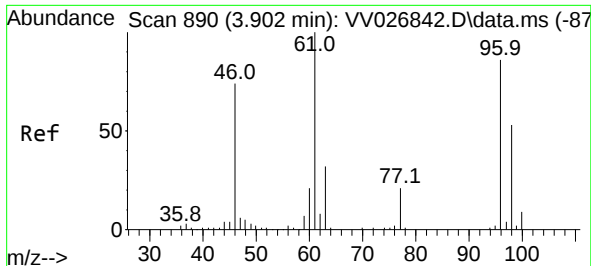
Tgt Ion: 63 Resp: 191163
Ion Ratio Lower Upper
63 100
65 31.9 22.3 41.3
83 14.4 9.9 18.5



#21
2-Butanone
Concen: 53.521 ug/L
RT: 3.973 min Scan# 912
Delta R.T. -0.006 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

Tgt Ion: 43 Resp: 190831
Ion Ratio Lower Upper
43 100
72 29.7 13.9 41.7

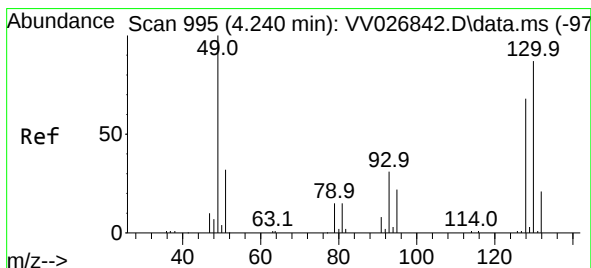
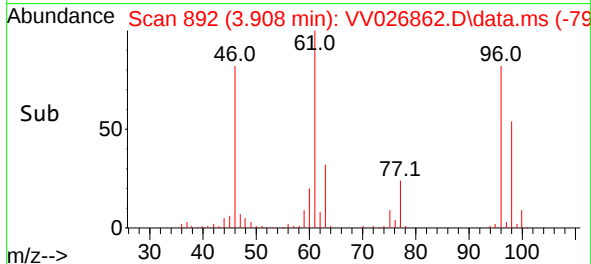
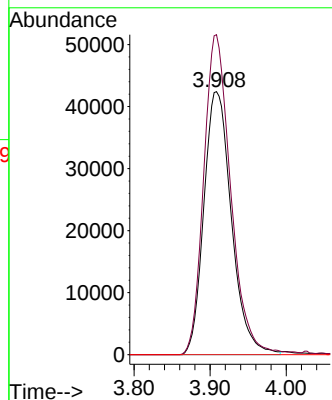
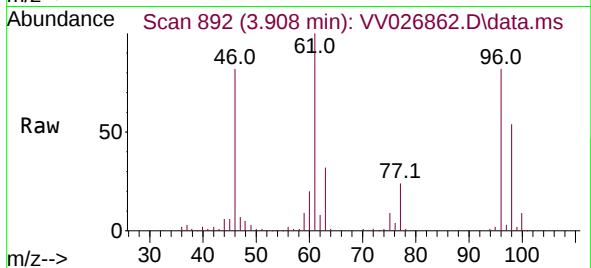




#22
 cis-1,2-Dichloroethene
 Concen: 5.155 ug/L
 RT: 3.908 min Scan# 890
 Delta R.T. 0.006 min
 Lab File: VV026862.D
 Acq: 20 Jul 2022 20:50

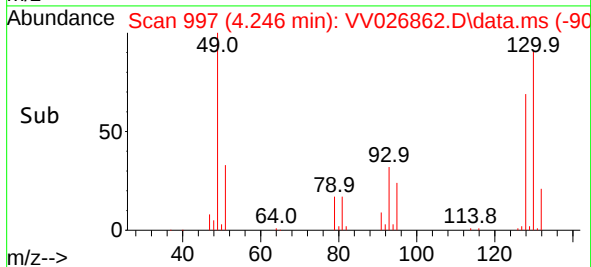
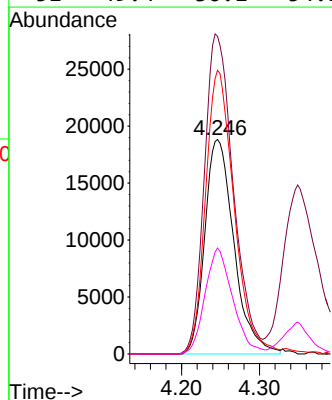
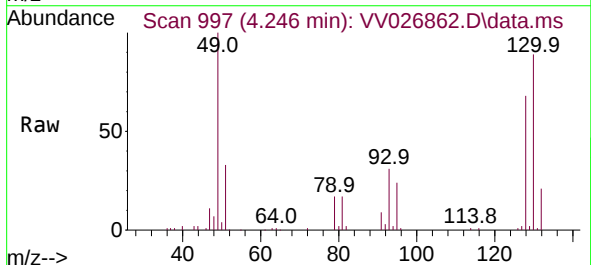
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005362

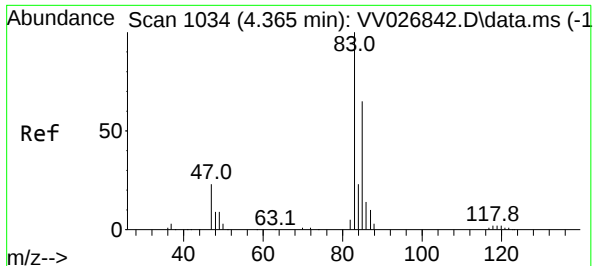
Tgt Ion: 96 Resp: 106930
 Ion Ratio Lower Upper
 96 100
 61 121.7 83.9 155.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.121 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VV026862.D
 Acq: 20 Jul 2022 20:50

Tgt Ion: 128 Resp: 48939
 Ion Ratio Lower Upper
 128 100
 49 148.1 107.2 199.2
 130 132.2 87.1 161.7
 51 49.4 36.1 54.1





#25

Chloroform

Concen: 5.072 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV026862.D

Acq: 20 Jul 2022 20:50

Instrument :

MSVOA_V

ClientSampleId :

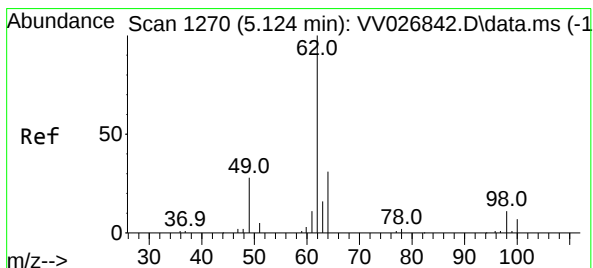
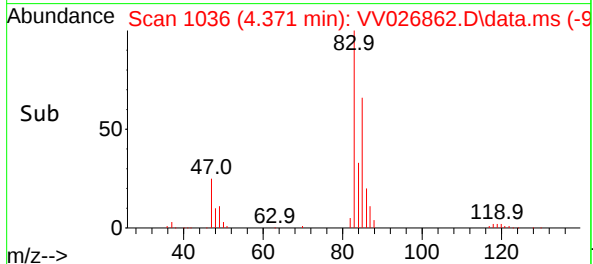
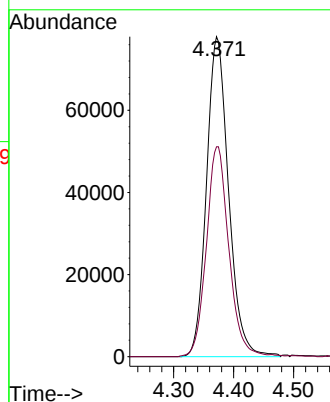
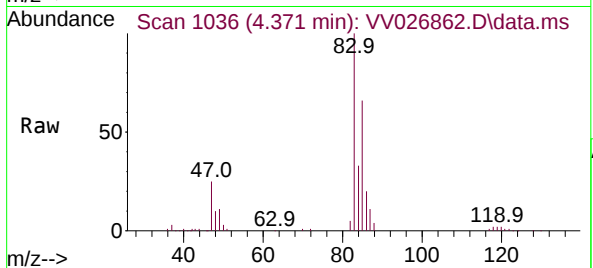
VSTD005362

Tgt Ion: 83 Resp: 199507

Ion Ratio Lower Upper

83 100

85 65.6 45.7 84.9



#27

1,2-Dichloroethane

Concen: 4.860 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VV026862.D

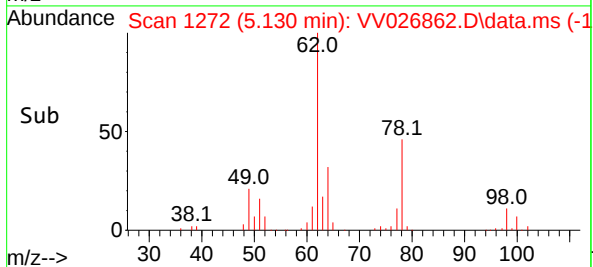
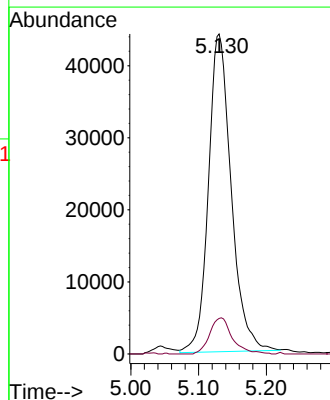
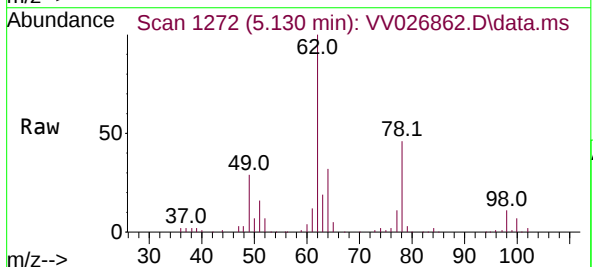
Acq: 20 Jul 2022 20:50

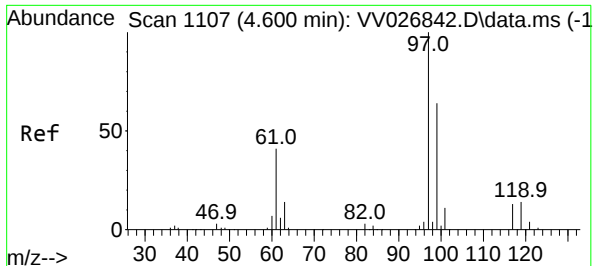
Tgt Ion: 62 Resp: 103010

Ion Ratio Lower Upper

62 100

98 11.1 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 5.067 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV026862.D

Acq: 20 Jul 2022 20:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD005362

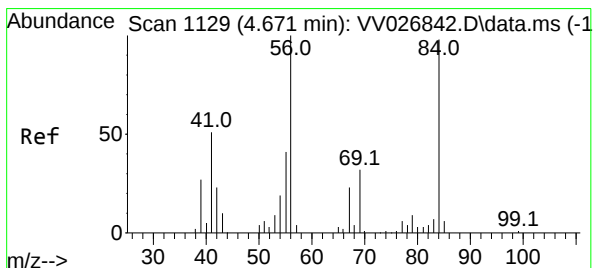
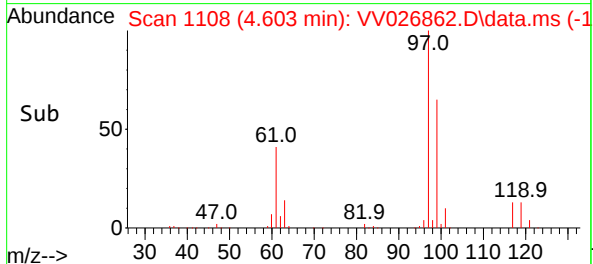
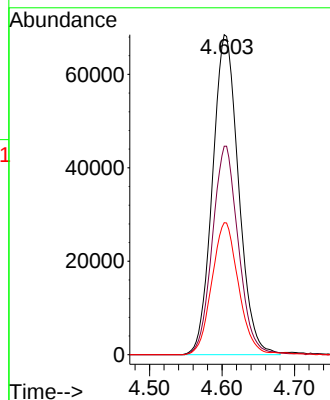
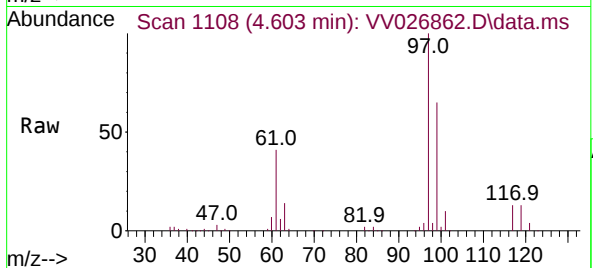
Tgt Ion: 97 Resp: 171269

Ion Ratio Lower Upper

97 100

99 65.1 51.3 76.9

61 42.2 35.1 52.7



#30

Cyclohexane

Concen: 4.630 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV026862.D

Acq: 20 Jul 2022 20:50

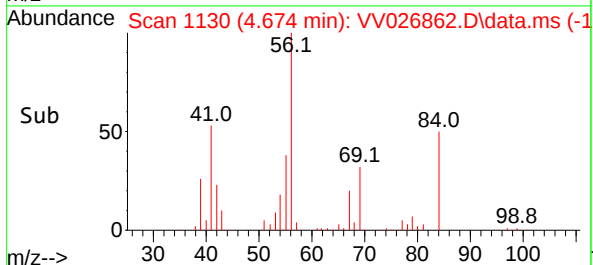
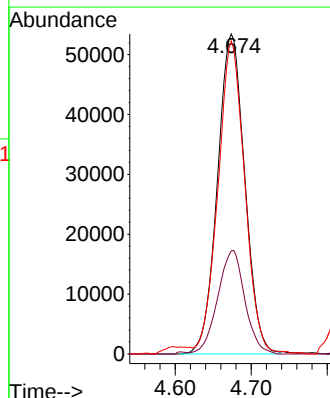
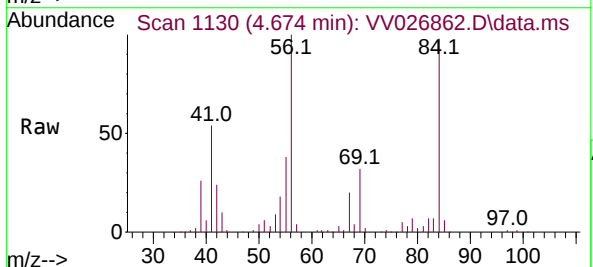
Tgt Ion: 56 Resp: 133355

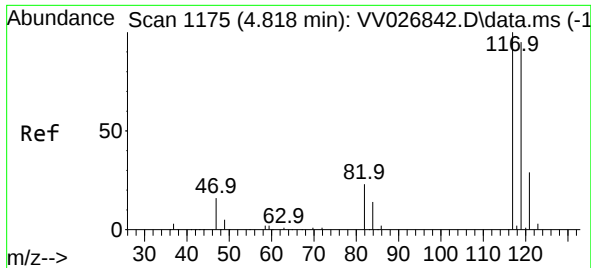
Ion Ratio Lower Upper

56 100

69 32.2 25.1 37.7

84 94.4 74.0 111.0

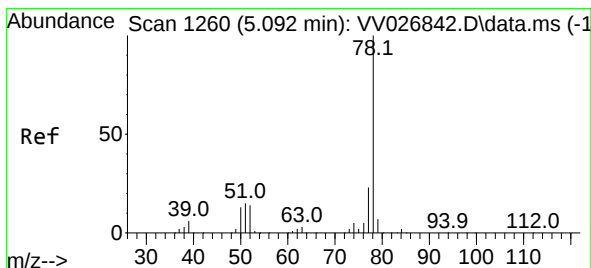
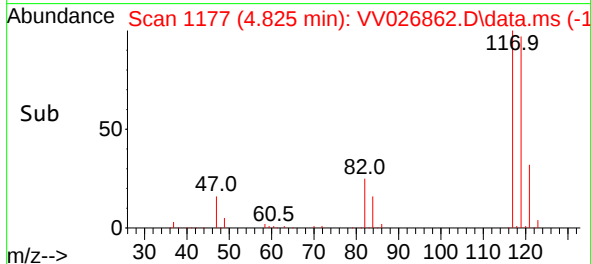
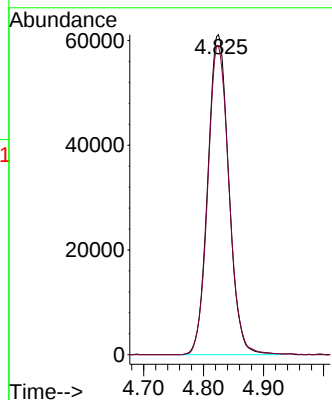
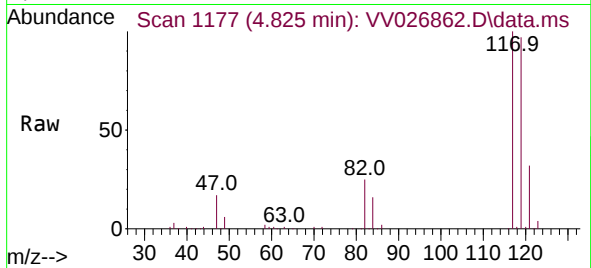




#31
Carbon tetrachloride
Concen: 4.986 ug/L
RT: 4.825 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

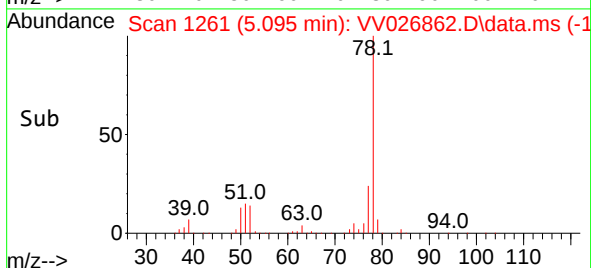
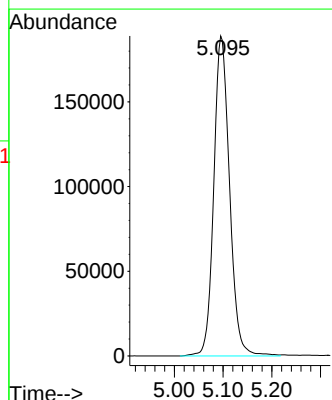
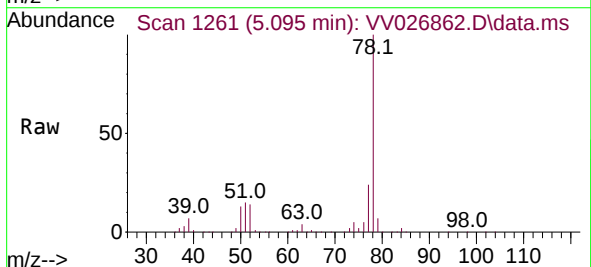
Instrument :
MSVOA_V
ClientSampleId :
VSTD005362

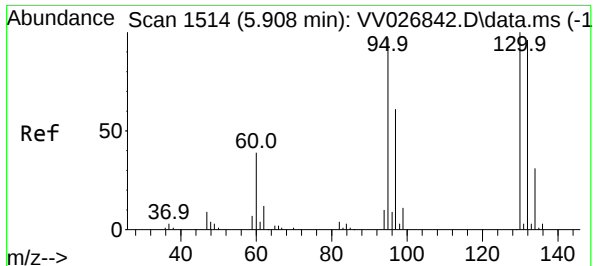
Tgt Ion:117 Resp: 148850
Ion Ratio Lower Upper
117 100
119 97.8 75.1 112.7



#33
Benzene
Concen: 5.066 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

Tgt Ion: 78 Resp: 424863

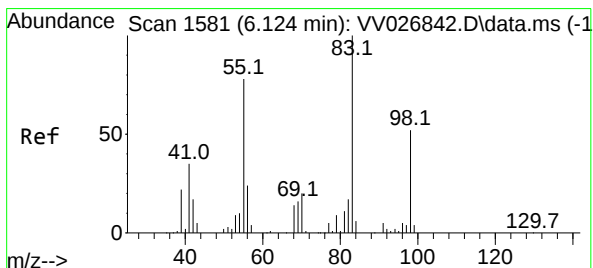
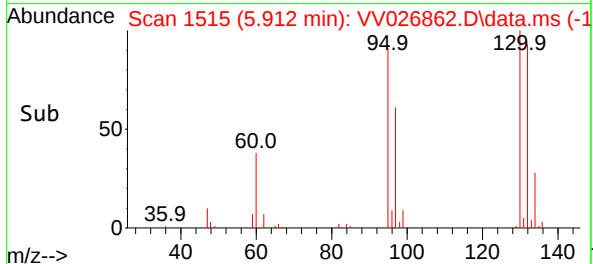
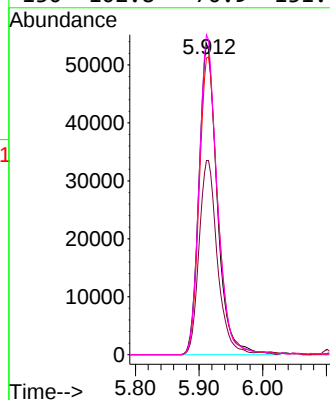
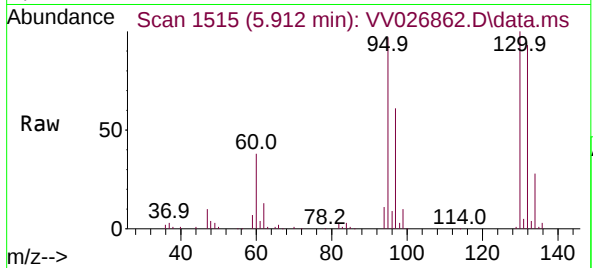




#34
Trichloroethene
Concen: 5.204 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

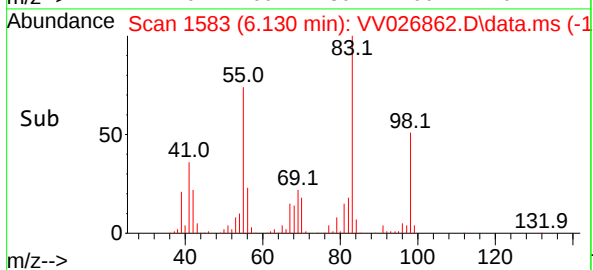
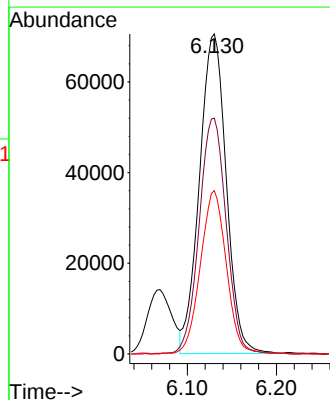
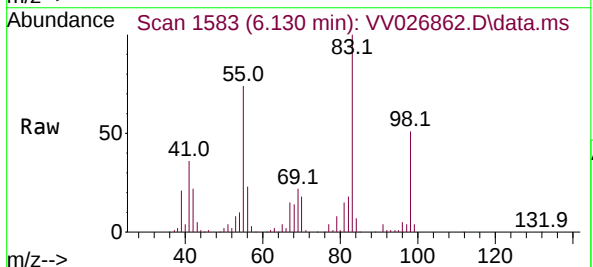
Instrument :
MSVOA_V
ClientSampleId :
VSTD005362

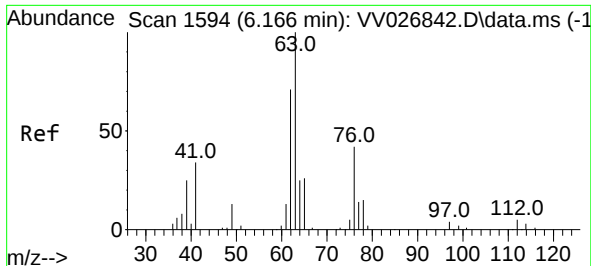
Tgt Ion: 95 Resp: 107272
Ion Ratio Lower Upper
95 100
97 62.4 44.6 82.8
132 95.3 70.2 130.4
130 102.8 70.9 131.7



#35
Methylcyclohexane
Concen: 4.691 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

Tgt Ion: 83 Resp: 147584
Ion Ratio Lower Upper
83 100
55 74.6 59.5 89.3
98 49.5 38.3 57.5





#37

1,2-Dichloropropane

Concen: 5.436 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV026862.D

Acq: 20 Jul 2022 20:50

Instrument :

MSVOA_V

ClientSampleId :

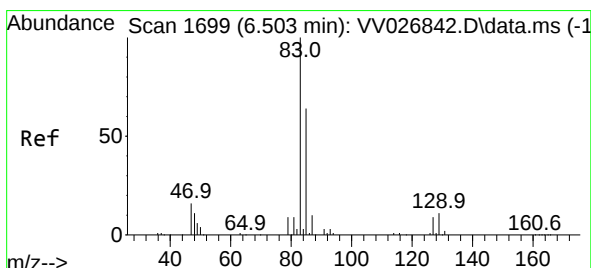
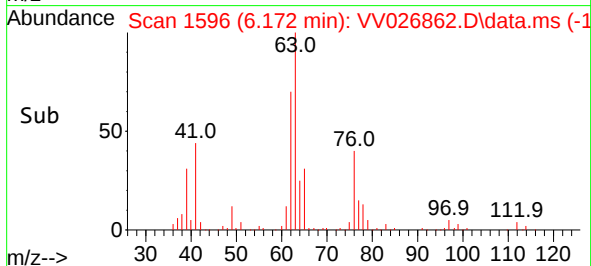
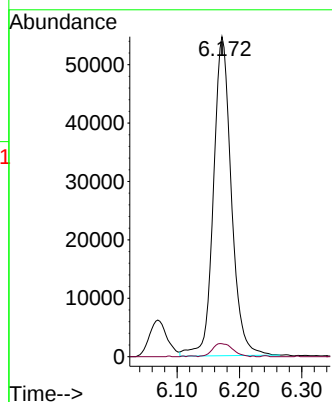
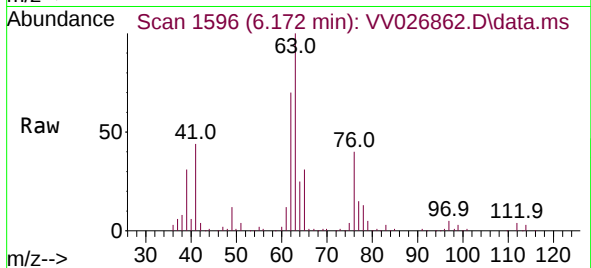
VSTD005362

Tgt Ion: 63 Resp: 109006

Ion Ratio Lower Upper

63 100

112 4.7 4.2 6.2



#38

Bromodichloromethane

Concen: 5.030 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VV026862.D

Acq: 20 Jul 2022 20:50

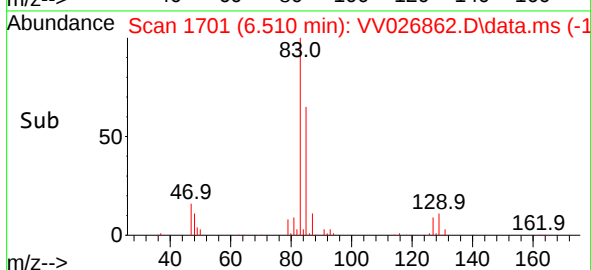
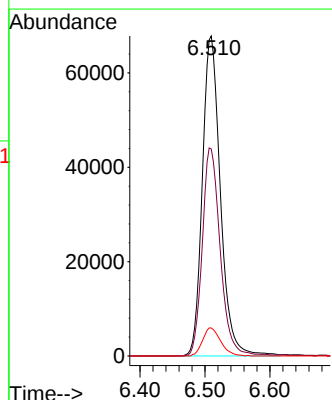
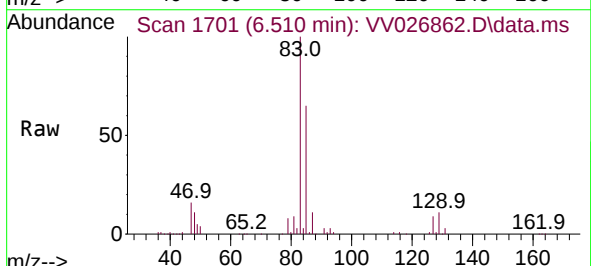
Tgt Ion: 83 Resp: 131513

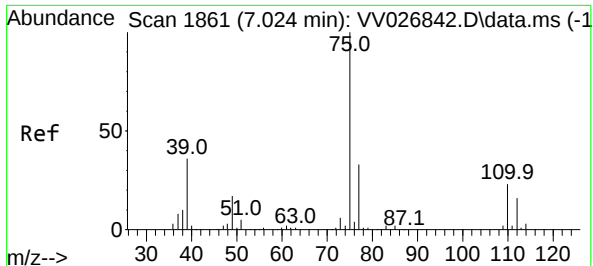
Ion Ratio Lower Upper

83 100

85 64.7 45.4 84.4

127 8.8 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.821 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV026862.D

Acq: 20 Jul 2022 20:50

Instrument :

MSVOA_V

ClientSampleId :

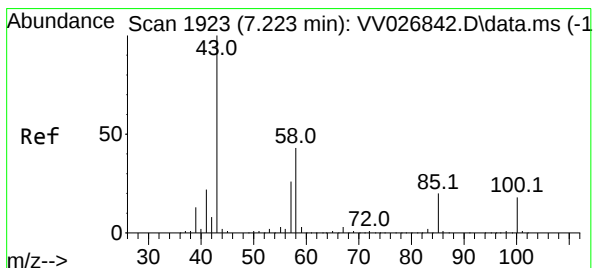
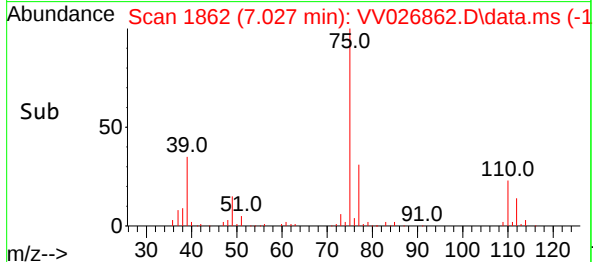
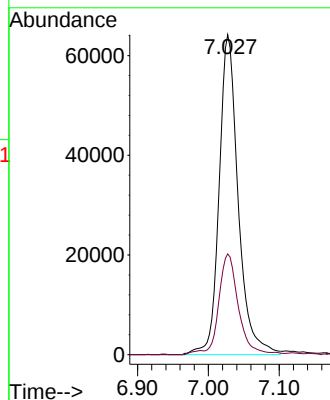
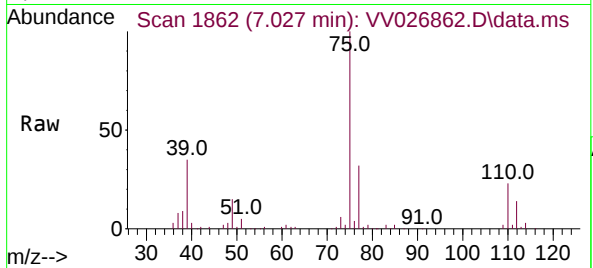
VSTD005362

Tgt Ion: 75 Resp: 120147

Ion Ratio Lower Upper

75 100

77 31.5 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 51.301 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV026862.D

Acq: 20 Jul 2022 20:50

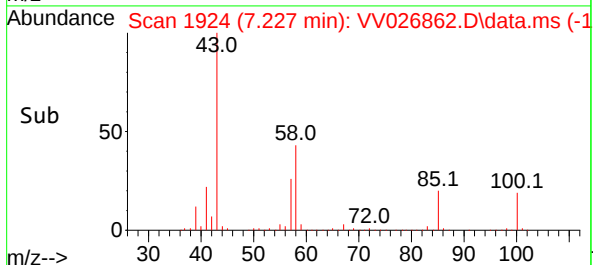
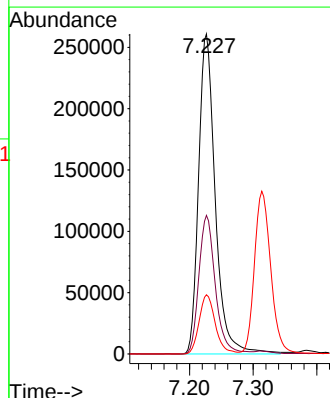
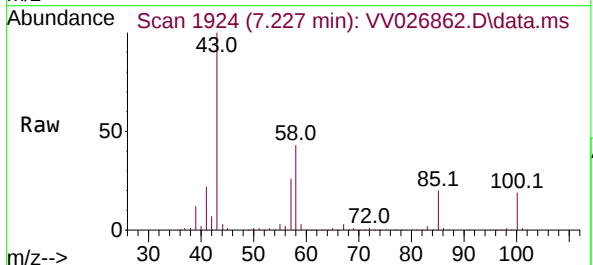
Tgt Ion: 43 Resp: 475203

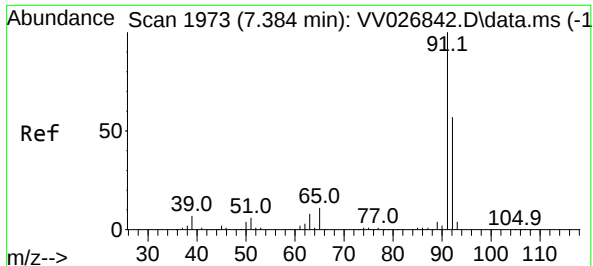
Ion Ratio Lower Upper

43 100

58 42.8 34.6 51.8

100 18.0 13.6 20.4

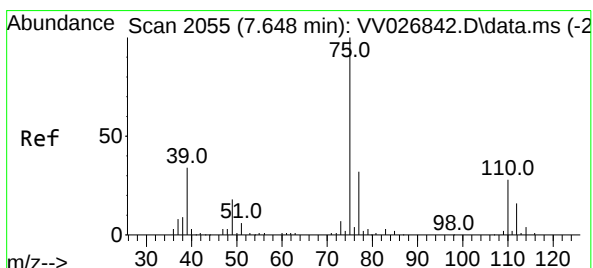
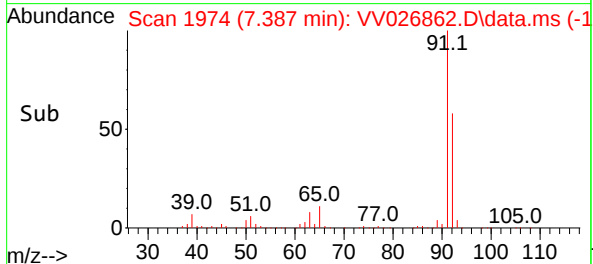
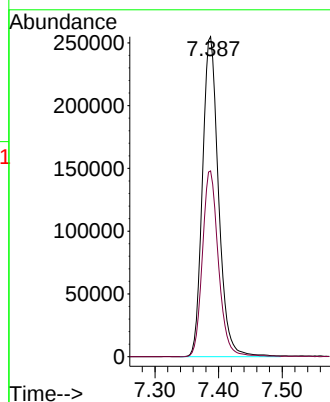
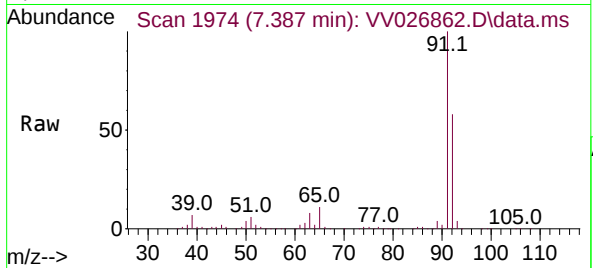




#42
Toluene
Concen: 5.285 ug/L
RT: 7.387 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

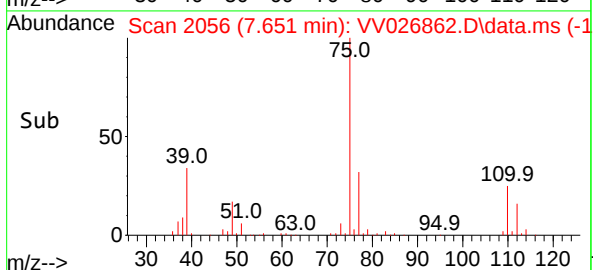
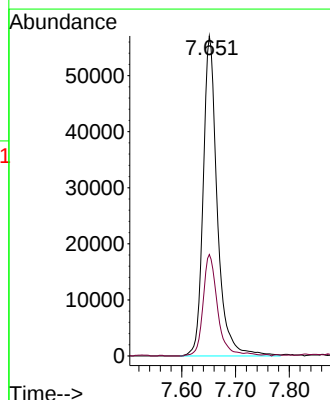
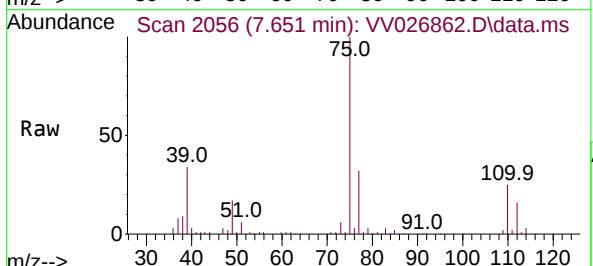
Instrument :
MSVOA_V
ClientSampleId :
VSTD005362

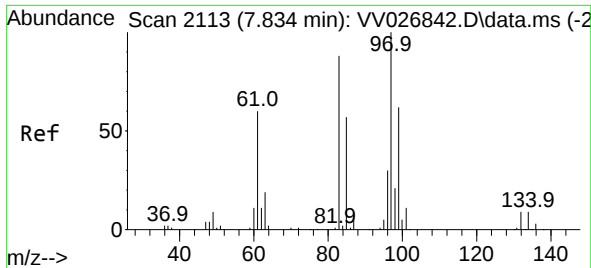
Tgt Ion: 91 Resp: 447666
Ion Ratio Lower Upper
91 100
92 58.1 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 5.096 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

Tgt Ion: 75 Resp: 104290
Ion Ratio Lower Upper
75 100
77 31.7 22.7 42.3

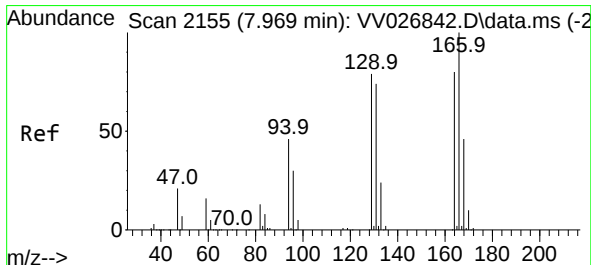
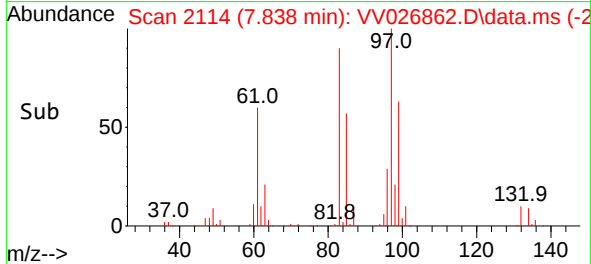
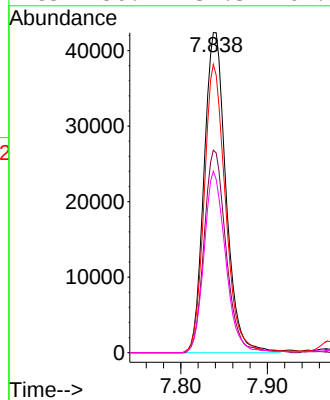
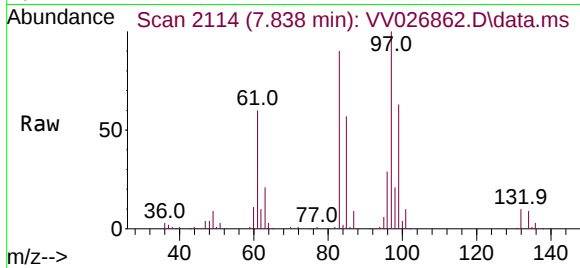




#45
1,1,2-Trichloroethane
Concen: 5.093 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

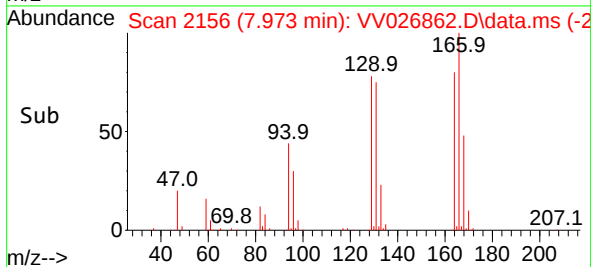
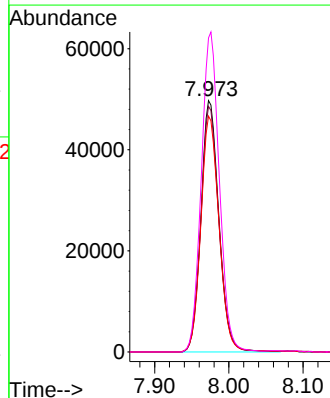
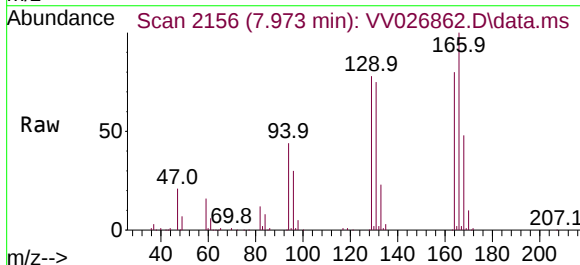
Instrument :
MSVOA_V
ClientSampleId :
VSTD005362

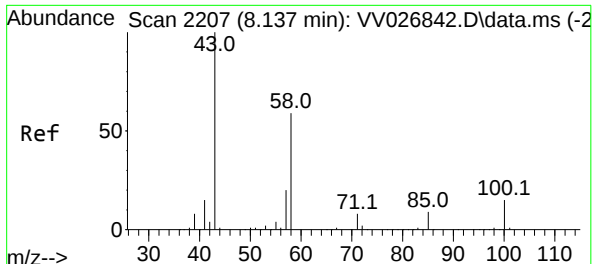
Tgt Ion:	97	Resp:	74657
Ion	Ratio	Lower	Upper
97	100		
99	63.3	41.9	77.9
83	90.1	58.1	107.9
85	56.7	37.3	69.3



#47
Tetrachloroethene
Concen: 5.182 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

Tgt Ion:	164	Resp:	83777
Ion	Ratio	Lower	Upper
164	100		
129	97.8	67.8	125.8
131	93.9	65.9	122.5
166	125.0	88.8	164.8



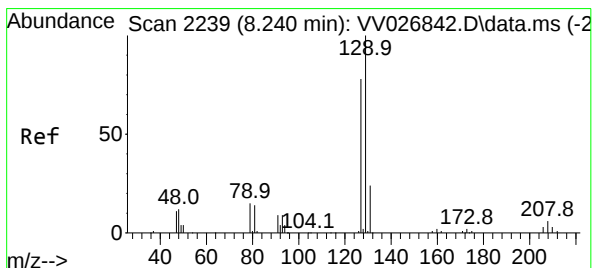
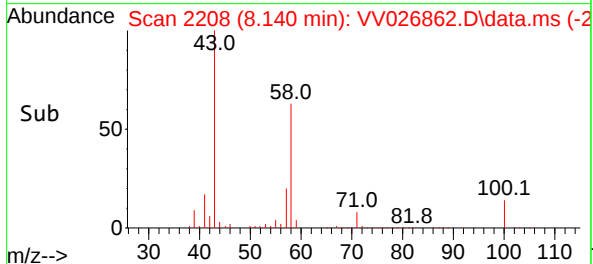
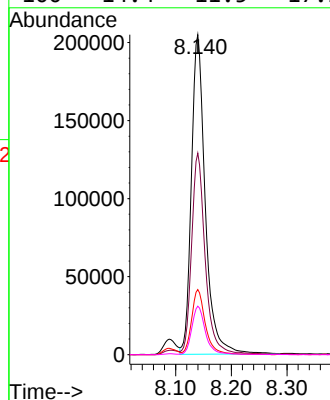
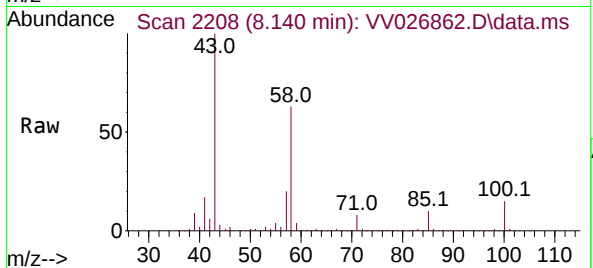


#48
2-Hexanone
Concen: 52.889 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD005362

Tgt Ion: 43 Resp: 354577

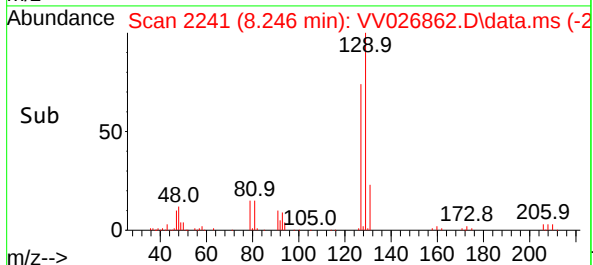
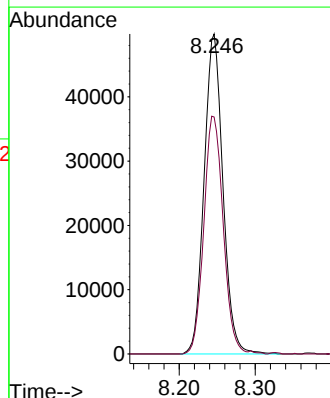
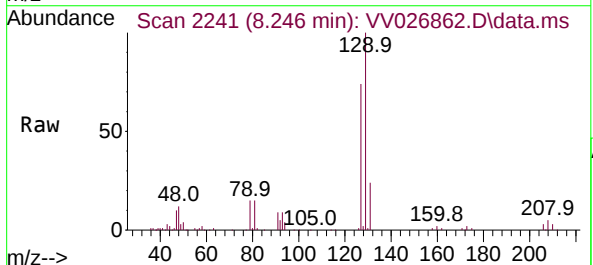
Ion	Ratio	Lower	Upper
43	100		
58	61.0	47.9	71.9
57	20.1	16.3	24.5
100	14.4	11.5	17.3

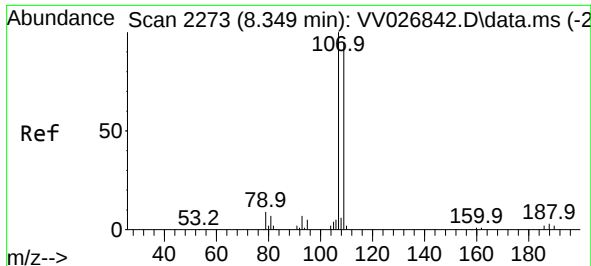


#49
Dibromochloromethane
Concen: 5.067 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

Tgt Ion: 129 Resp: 85603

Ion	Ratio	Lower	Upper
129	100		
127	74.1	55.7	103.5





#50

1,2-Dibromoethane

Concen: 5.225 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026862.D

Acq: 20 Jul 2022 20:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD005362

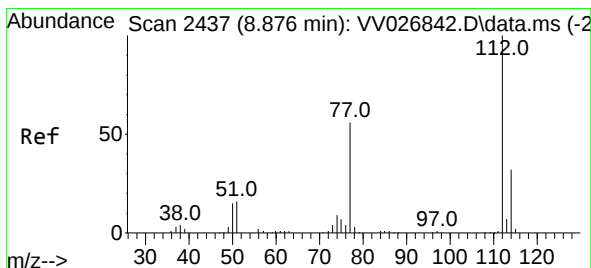
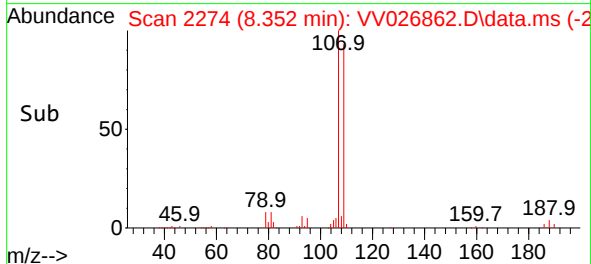
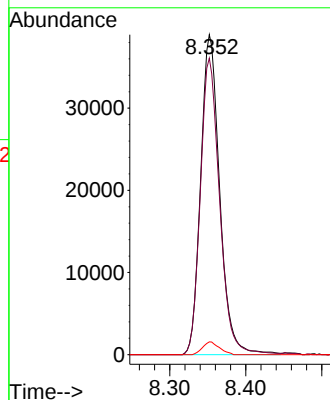
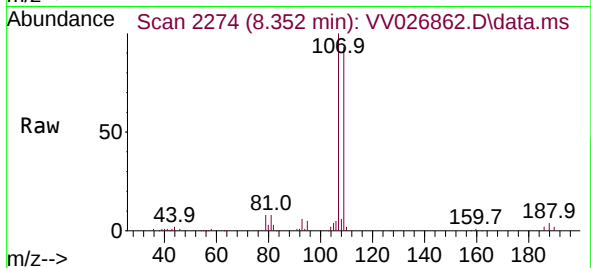
Tgt Ion:107 Resp: 67773

Ion Ratio Lower Upper

107 100

109 92.6 68.0 126.4

188 4.0 2.8 4.2



#51

Chlorobenzene

Concen: 5.235 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV026862.D

Acq: 20 Jul 2022 20:50

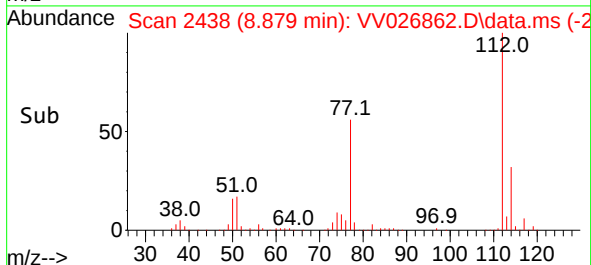
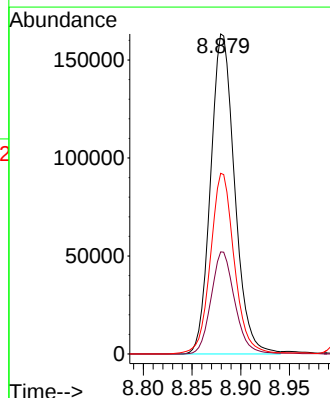
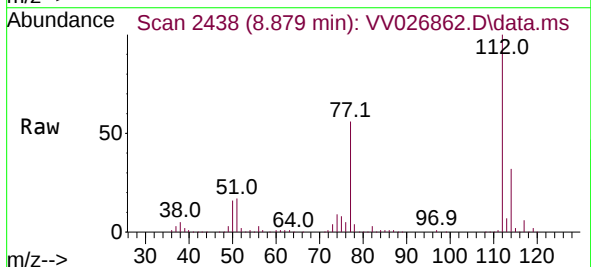
Tgt Ion:112 Resp: 280351

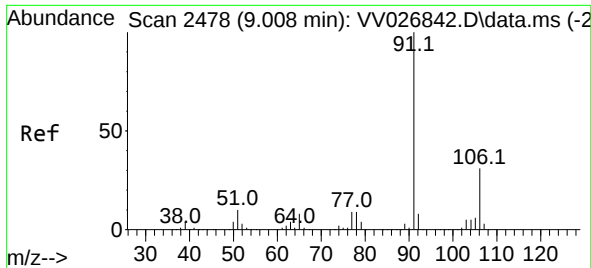
Ion Ratio Lower Upper

112 100

114 31.9 22.7 42.1

77 56.4 46.6 70.0

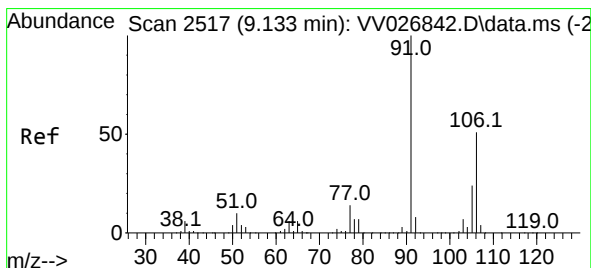
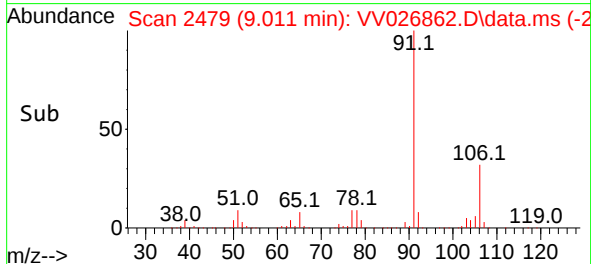
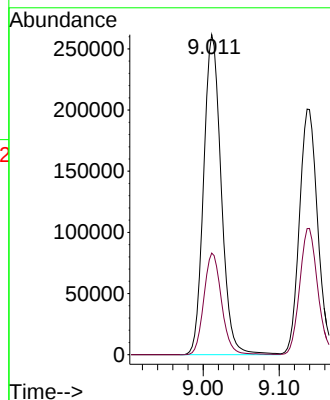
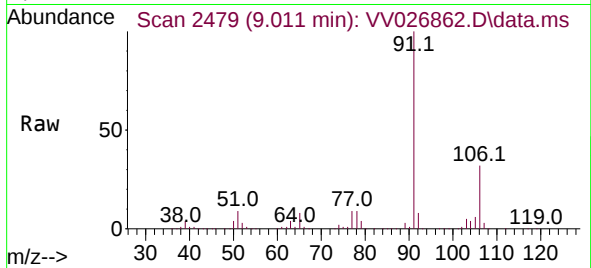




#52
Ethylbenzene
Concen: 5.009 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

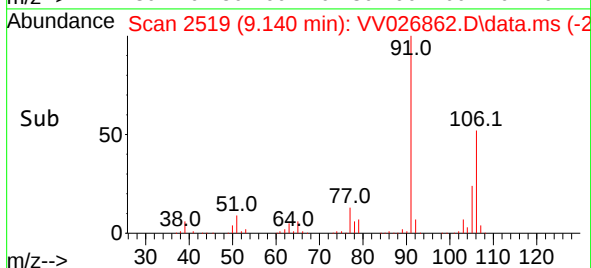
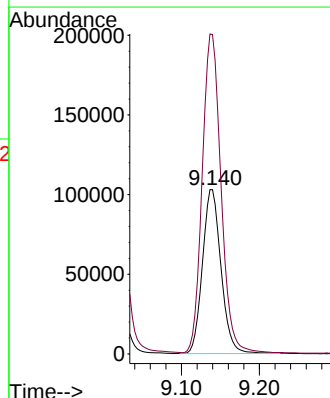
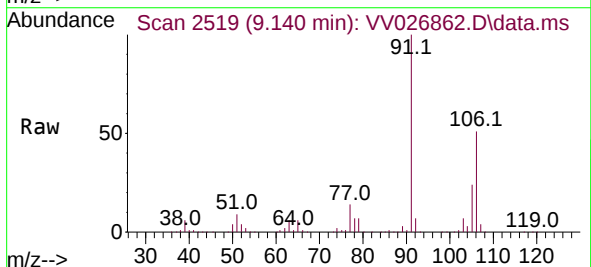
Instrument :
MSVOA_V
ClientSampleId :
VSTD005362

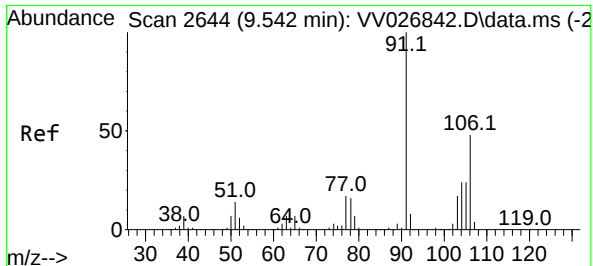
Tgt Ion: 91 Resp: 419865
Ion Ratio Lower Upper
91 100
106 31.7 21.6 40.2



#53
m,p-Xylene
Concen: 5.217 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.006 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

Tgt Ion: 106 Resp: 170054
Ion Ratio Lower Upper
106 100
91 194.3 139.3 258.7

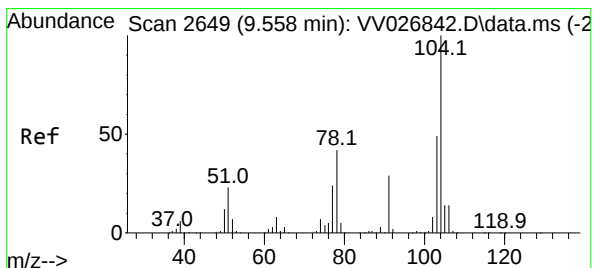
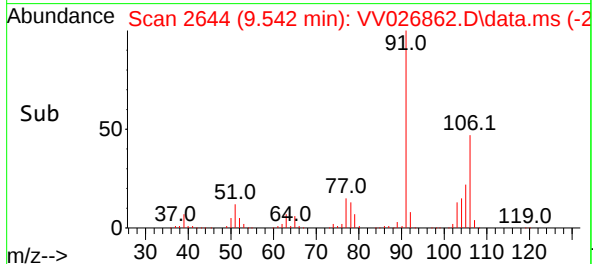
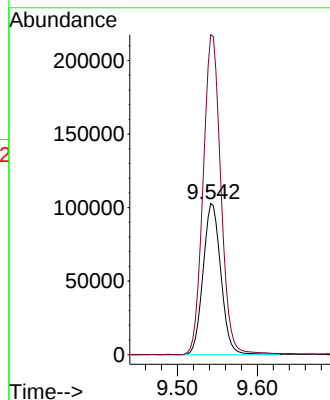
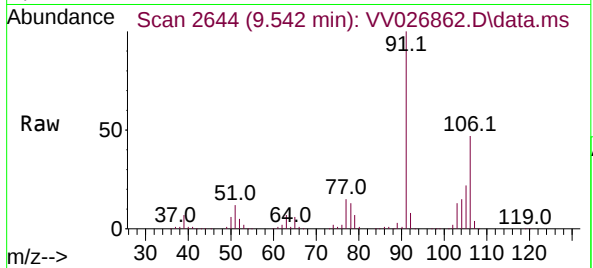




#54
o-Xylene
Concen: 5.147 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

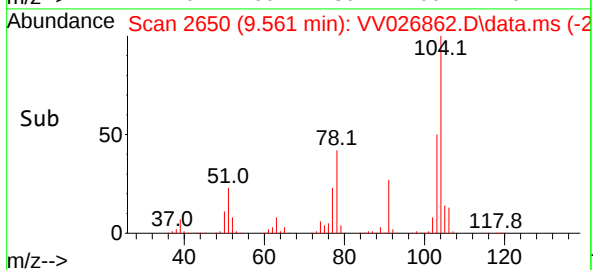
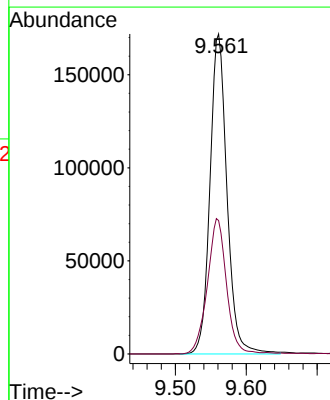
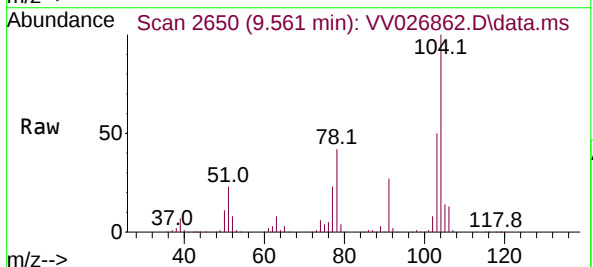
Instrument :
MSVOA_V
ClientSampleId :
VSTD005362

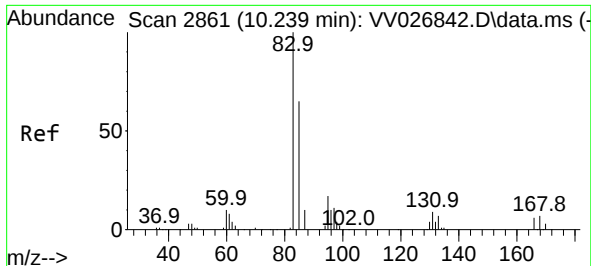
Tgt Ion:106 Resp: 159448
Ion Ratio Lower Upper
106 100
91 211.7 151.1 280.7



#55
Styrene
Concen: 5.284 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

Tgt Ion:104 Resp: 286823
Ion Ratio Lower Upper
104 100
78 41.7 29.5 54.9

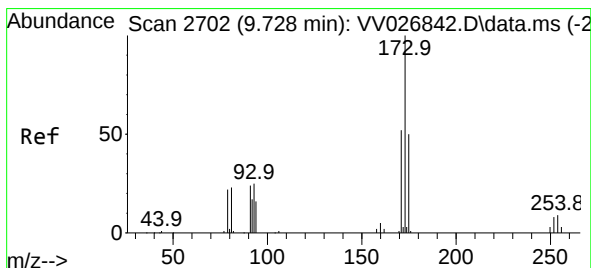
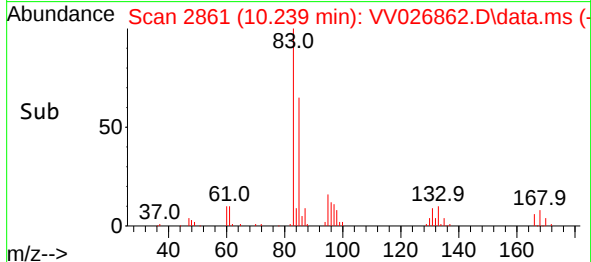
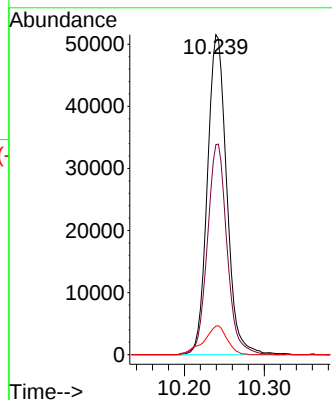
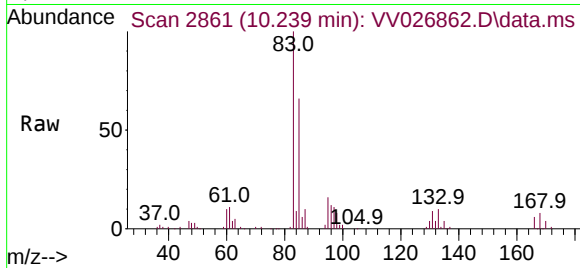




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.986 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV026862.D
 Acq: 20 Jul 2022 20:50

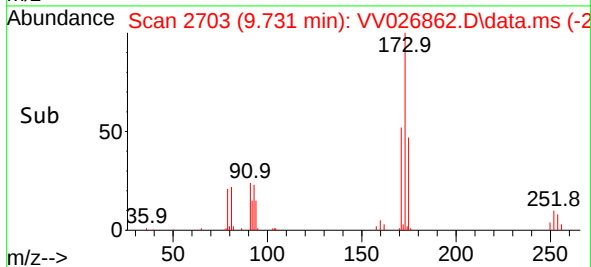
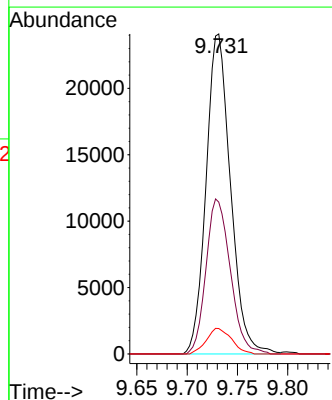
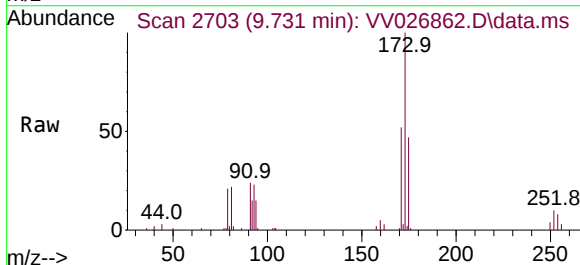
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005362

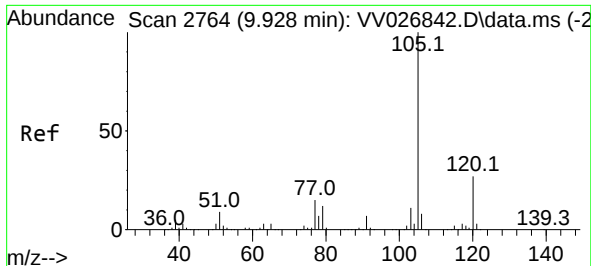
Tgt Ion: 83 Resp: 86526
 Ion Ratio Lower Upper
 83 100
 85 65.7 43.6 81.0
 131 8.9 7.4 11.2



#59
 Bromoform
 Concen: 4.586 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV026862.D
 Acq: 20 Jul 2022 20:50

Tgt Ion: 173 Resp: 40734
 Ion Ratio Lower Upper
 173 100
 175 48.2 40.7 61.1
 254 8.2 6.5 9.7

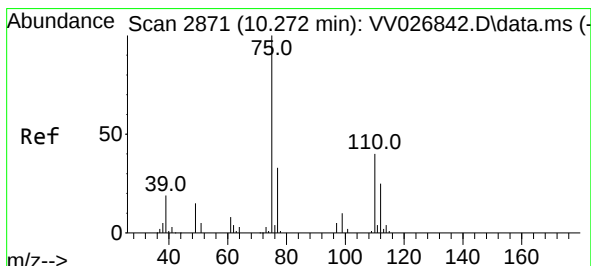
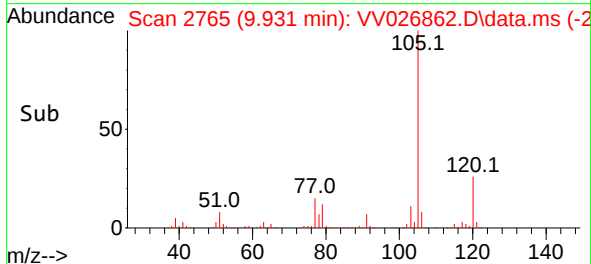
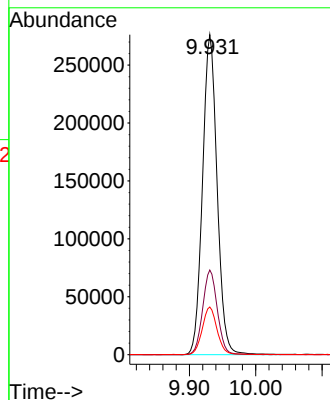
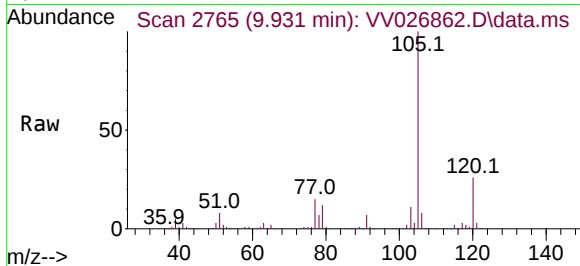




#60
Isopropylbenzene
Concen: 4.878 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

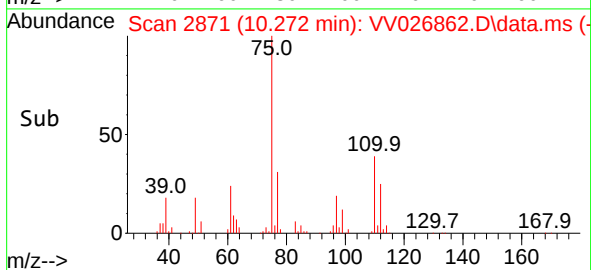
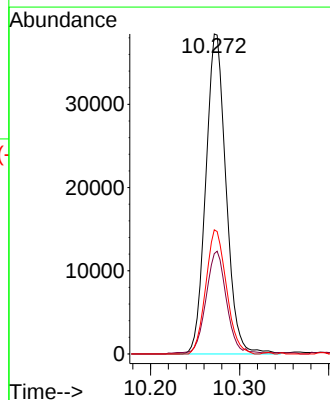
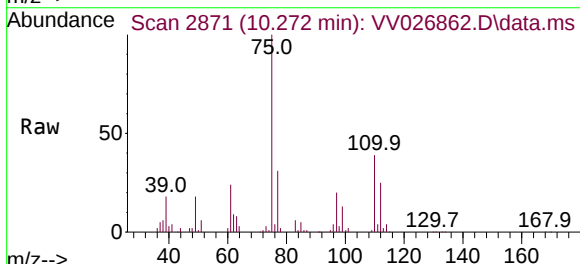
Instrument :
MSVOA_V
ClientSampleId :
VSTD005362

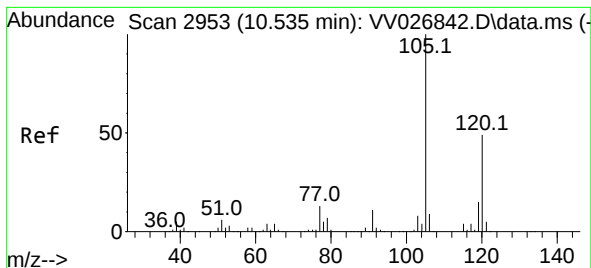
Tgt Ion:105 Resp: 421217
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 15.2 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.749 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

Tgt Ion: 75 Resp: 60630
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0
110 39.6 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 4.667 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV026862.D

Acq: 20 Jul 2022 20:50

Instrument :

MSVOA_V

ClientSampleId :

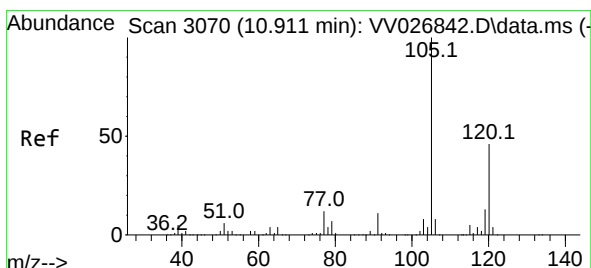
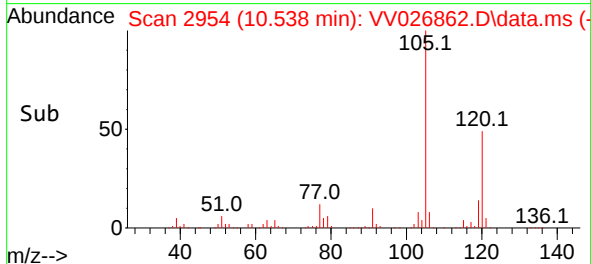
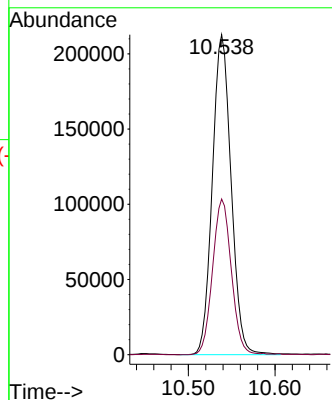
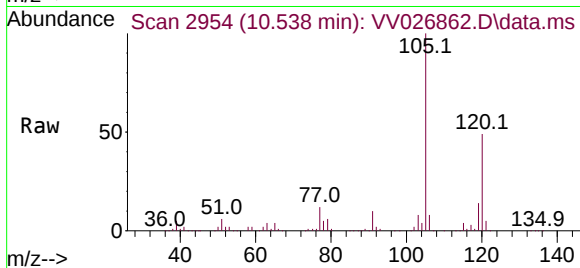
VSTD005362

Tgt Ion:105 Resp: 320604

Ion Ratio Lower Upper

105 100

120 48.6 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.755 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV026862.D

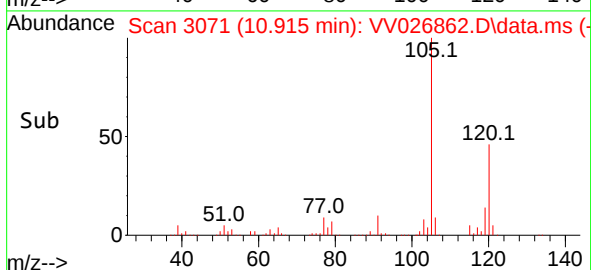
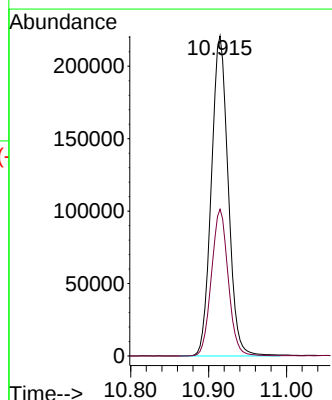
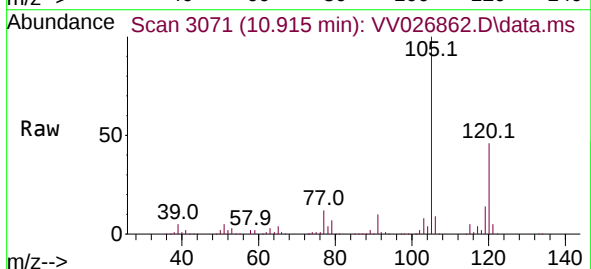
Acq: 20 Jul 2022 20:50

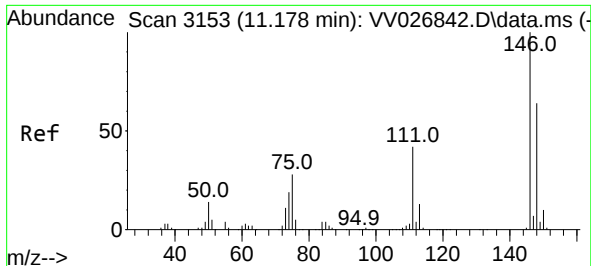
Tgt Ion:105 Resp: 331703

Ion Ratio Lower Upper

105 100

120 45.7 36.8 55.2

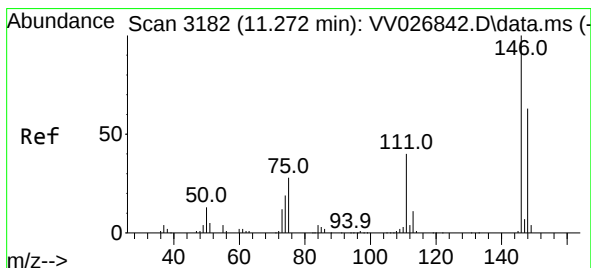
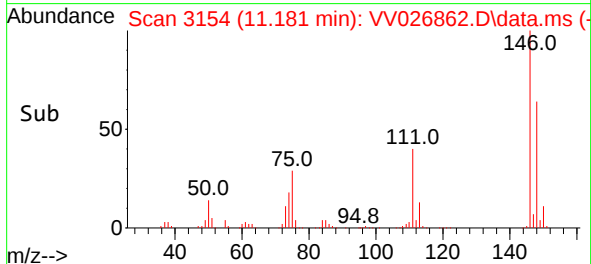
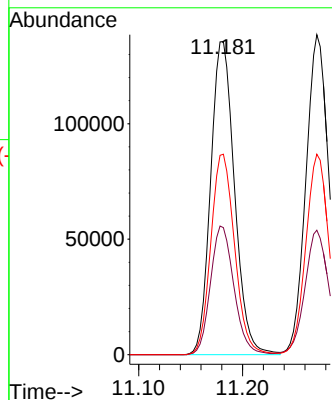
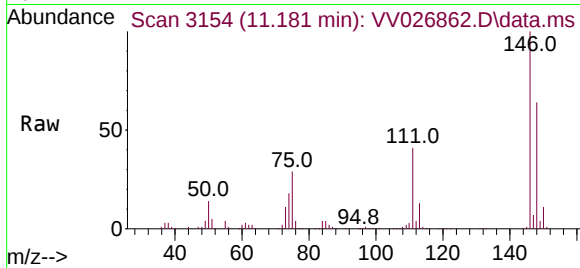




#64
 1,3-Dichlorobenzene
 Concen: 5.117 ug/L
 RT: 11.181 min Scan# 3153
 Delta R.T. 0.003 min
 Lab File: VV026862.D
 Acq: 20 Jul 2022 20:50

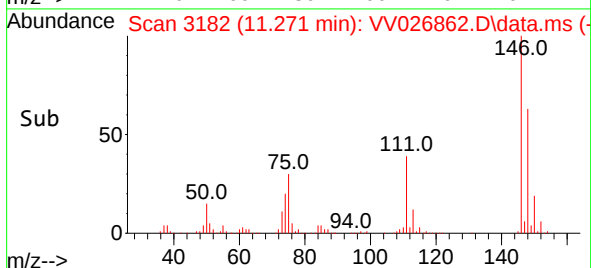
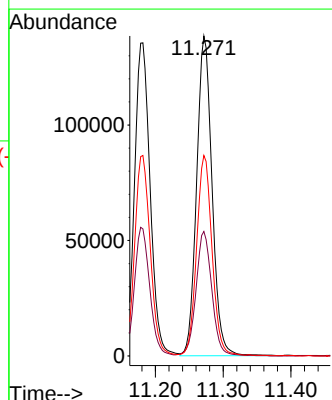
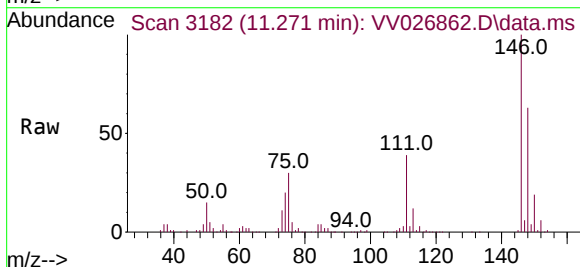
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005362

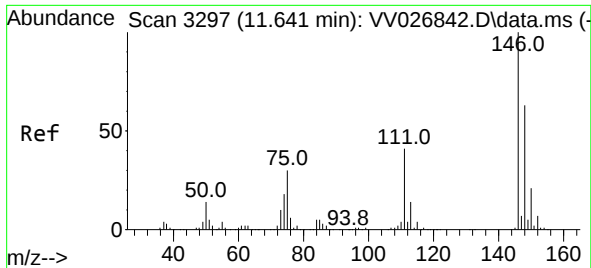
Tgt Ion:146 Resp: 216463
 Ion Ratio Lower Upper
 146 100
 111 40.6 27.9 51.7
 148 64.1 44.9 83.5



#65
 1,4-Dichlorobenzene
 Concen: 5.091 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. -0.000 min
 Lab File: VV026862.D
 Acq: 20 Jul 2022 20:50

Tgt Ion:146 Resp: 218997
 Ion Ratio Lower Upper
 146 100
 111 38.9 26.8 49.8
 148 62.6 43.3 80.5

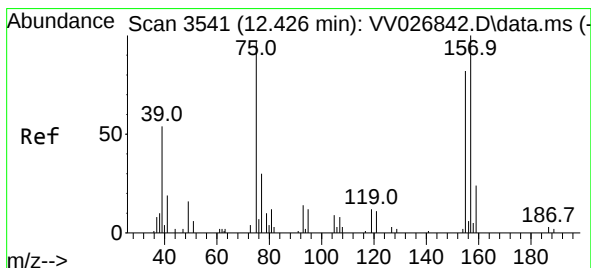
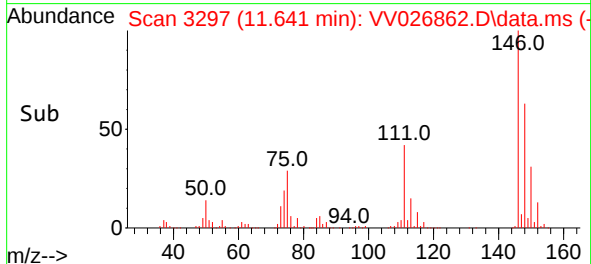
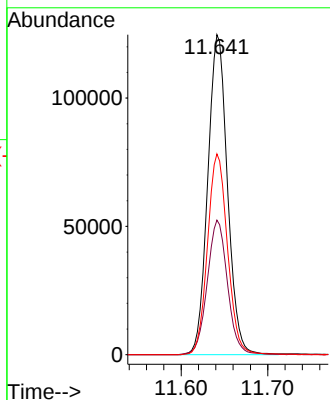
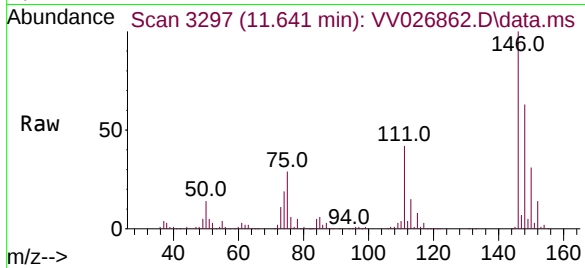




#67
1,2-Dichlorobenzene
Concen: 4.995 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

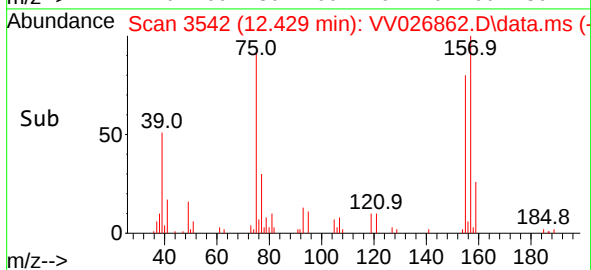
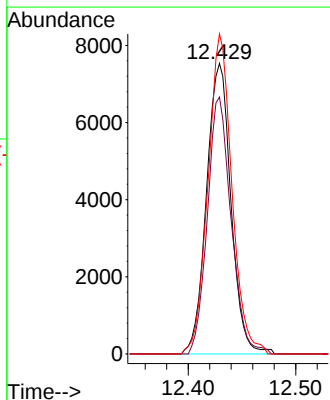
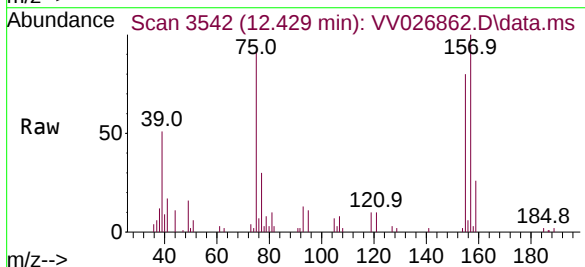
Instrument :
MSVOA_V
ClientSampleId :
VSTD005362

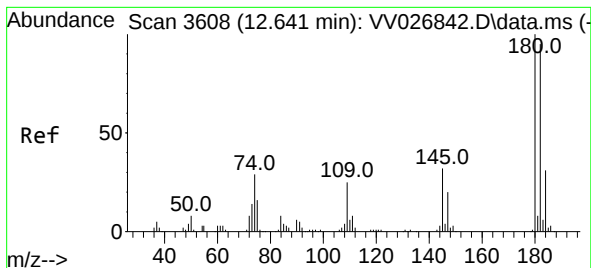
Tgt Ion:146 Resp: 197342
Ion Ratio Lower Upper
146 100
111 42.0 34.6 52.0
148 62.7 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.391 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

Tgt Ion: 75 Resp: 11884
Ion Ratio Lower Upper
75 100
155 88.5 60.3 90.5
157 110.1 78.2 117.4





#69

1,3,5-Trichlorobenzene

Concen: 4.913 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.003 min

Lab File: VV026862.D

Acq: 20 Jul 2022 20:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD005362

Tgt Ion:180 Resp: 146925

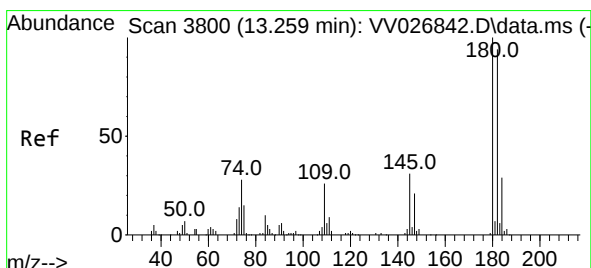
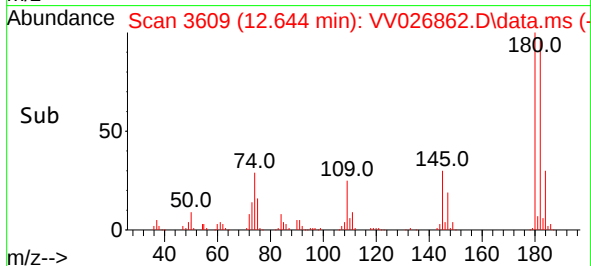
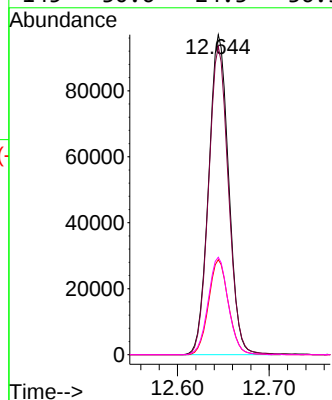
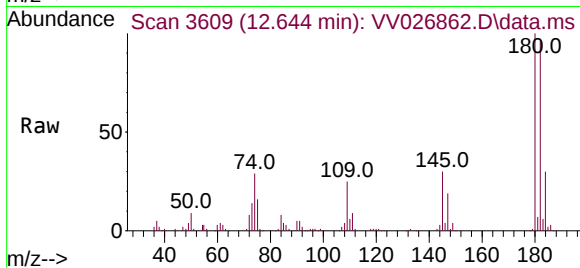
Ion Ratio Lower Upper

180 100

182 95.8 74.0 111.0

184 29.6 23.1 34.7

145 30.6 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 4.900 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV026862.D

Acq: 20 Jul 2022 20:50

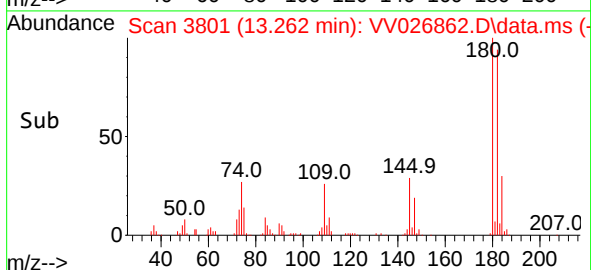
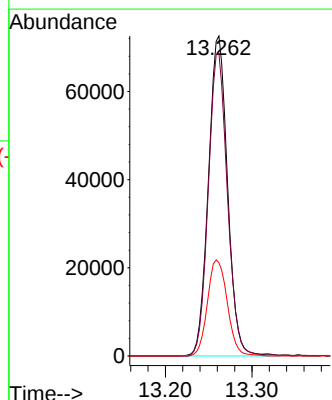
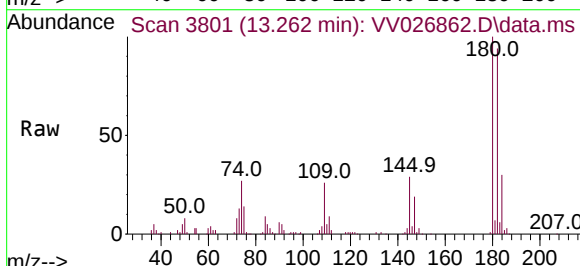
Tgt Ion:180 Resp: 111429

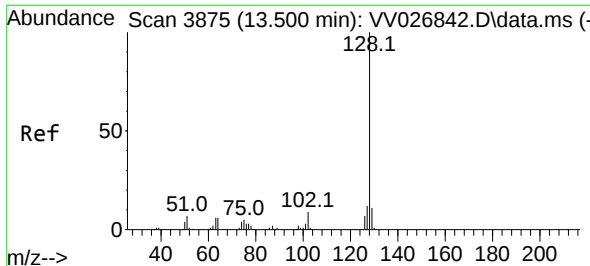
Ion Ratio Lower Upper

180 100

182 94.1 74.7 112.1

145 31.1 24.7 37.1

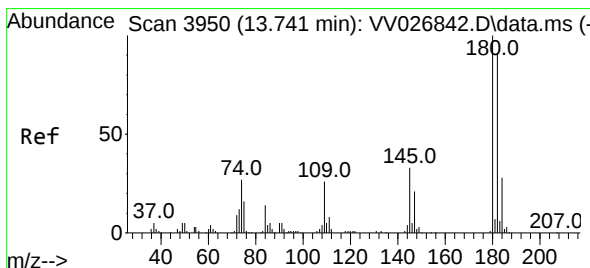
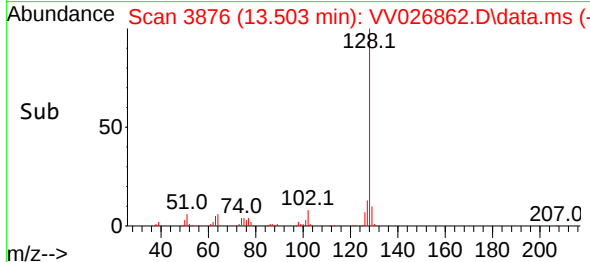
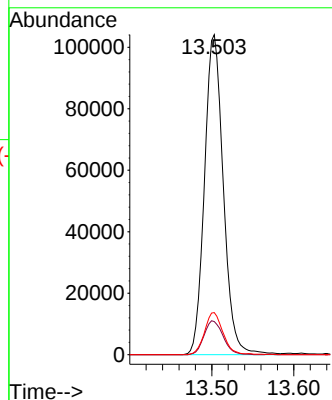
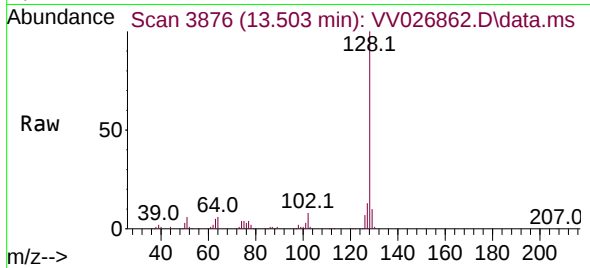




#71
Naphthalene
Concen: 4.412 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD005362

Tgt Ion:128 Resp: 166217
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 12.8 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 4.761 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV026862.D
Acq: 20 Jul 2022 20:50

Tgt Ion:180 Resp: 100744
Ion Ratio Lower Upper
180 100
182 95.9 75.0 112.4
145 33.9 26.0 39.0

