

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070522\
 Data File : VW026659.D
 Acq On : 05 Jul 2022 20:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005343

Quant Time: Jul 06 00:31:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 06 00:22:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.629	114	209770	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	199523	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	105948	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	72111	4.275	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.584	69	60195	4.442	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.124	63	135230	4.511	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	3.928	46	89603	53.424	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.840%
24) Chloroform-d	4.365	84	124763	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.047	65	47958	4.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.063	84	245033	4.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.079	67	69877	4.434	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.320	98	231291	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	7.629	79	19649	4.823	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.095	63	68504	44.150	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46402	4.501	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	72339	4.126	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.147	85	70004	4.383	ug/L	99
3) Chloromethane	1.256	50	75282	4.309	ug/L	99
5) Vinyl chloride	1.323	62	83432	4.486	ug/L	97
6) Bromomethane	1.539	94	45495	4.519	ug/L	94
8) Chloroethane	1.600	64	58172	4.599	ug/L	98
9) Trichlorofluoromethane	1.767	101	122266	4.713	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	74275	4.833	ug/L	100
12) 1,1-Dichloroethene	2.134	96	67672	4.776	ug/L	94
13) Acetone	2.214	43	71015	66.742	ug/L	97
14) Carbon disulfide	2.307	76	165023	4.415	ug/L	98
15) Methyl Acetate	2.462	43	17210	5.609	ug/L	99
16) Methylene chloride	2.523	84	75632	5.029	ug/L	98
17) Methyl tert-butyl Ether	2.790	73	117799	5.101	ug/L	99
18) trans-1,2-Dichloroethene	2.777	96	69023	4.775	ug/L	96
19) 1,1-Dichloroethane	3.208	63	128225	4.940	ug/L	100
21) 2-Butanone	4.011	43	95921	59.925	ug/L	88
22) cis-1,2-Dichloroethene	3.931	96	70771	4.930	ug/L	100
23) Bromochloromethane	4.269	128	32476	5.494	ug/L	92
25) Chloroform	4.394	83	139888	5.038	ug/L	99

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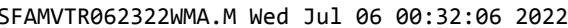
Instrument :
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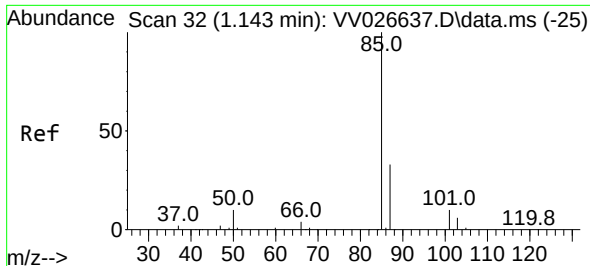
Quant Time: Jul 06 00:31:59 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 06 00:22:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.146	62	65237	5.279	ug/L	99
29) 1,1,1-Trichloroethane	4.622	97	120245	4.898	ug/L	99
30) Cyclohexane	4.690	56	82821	4.261	ug/L	99
31) Carbon tetrachloride	4.841	117	99950	4.853	ug/L	99
33) Benzene	5.111	78	284302	4.880	ug/L	100
34) Trichloroethene	5.925	95	71123	4.644	ug/L	97
35) Methylcyclohexane	6.140	83	98111	4.330	ug/L	99
37) 1,2-Dichloropropane	6.182	63	67181	4.784	ug/L	99
38) Bromodichloromethane	6.516	83	84627	5.106	ug/L	97
39) cis-1,3-Dichloropropene	7.034	75	73794	5.229	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	265880	56.060	ug/L	97
42) Toluene	7.394	91	305823	5.085	ug/L	99
44) trans-1,3-Dichloropropene	7.658	75	59763	5.693	ug/L	96
45) 1,1,2-Trichloroethane	7.844	97	49199	5.556	ug/L	97
47) Tetrachloroethene	7.979	164	57616	4.725	ug/L	99
48) 2-Hexanone	8.143	43	192782	58.392	ug/L	98
49) Dibromochloromethane	8.249	129	51947	5.794	ug/L	99
50) 1,2-Dibromoethane	8.358	107	42040	5.340	ug/L	97
51) Chlorobenzene	8.883	112	193046	4.900	ug/L	99
52) Ethylbenzene	9.014	91	294806	4.740	ug/L	99
53) m,p-Xylene	9.140	106	118365	4.878	ug/L	97
54) o-Xylene	9.545	106	110343	4.845	ug/L	100
55) Styrene	9.561	104	198294	5.256	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	55809	5.645	ug/L	98
59) Bromoform	9.735	173	22628	5.796	ug/L	98
60) Isopropylbenzene	9.934	105	302568	4.631	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	36250	5.284	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	231179	4.476	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	231072	4.537	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	154365	4.857	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	154582	4.898	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	135866	5.024	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6844	5.562	ug/L	90
69) 1,3,5-Trichlorobenzene	12.645	180	108314	4.740	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	76639	4.749	ug/L	96
71) Naphthalene	13.500	128	102519	4.870	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	67174	5.086	ug/L	100

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

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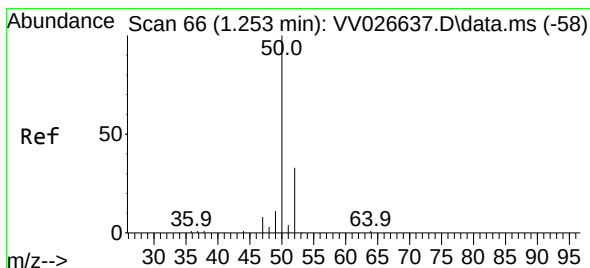
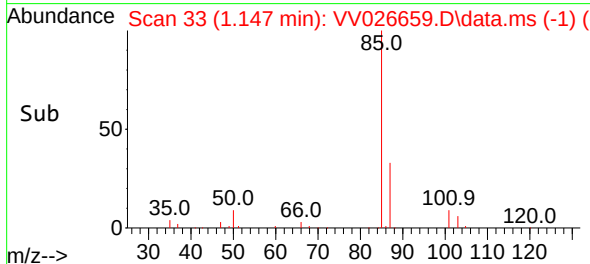
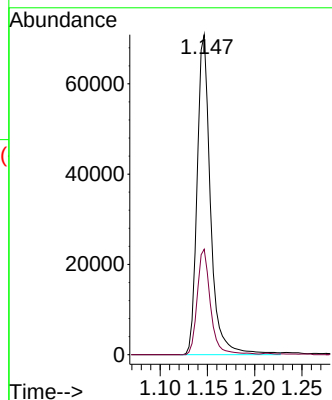
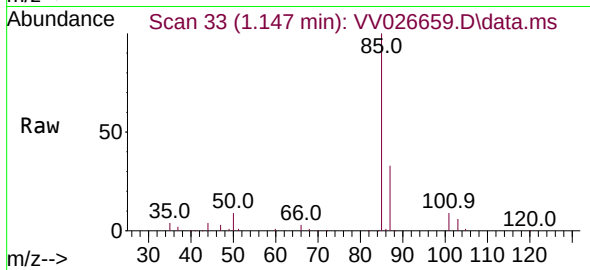




#2
 Dichlorodifluoromethane
 Concen: 4.383 ug/L
 RT: 1.147 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV026659.D
 Acq: 05 Jul 2022 20:43

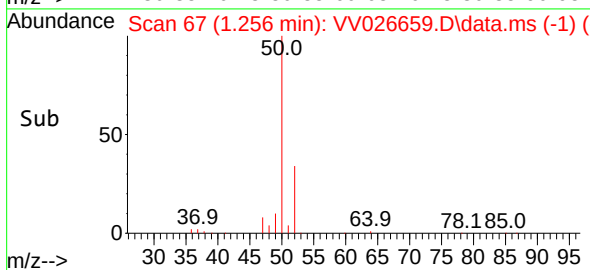
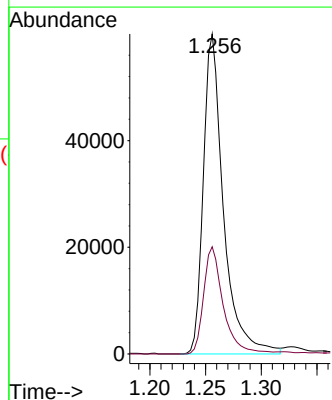
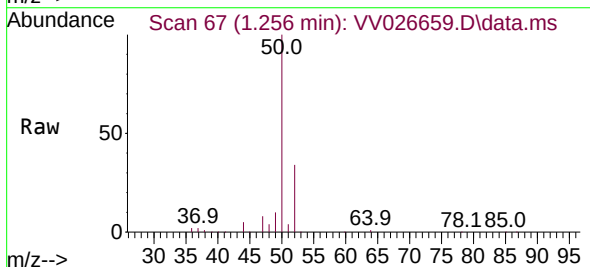
Instrument :
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 ClientSampleId :
 VSTD005343

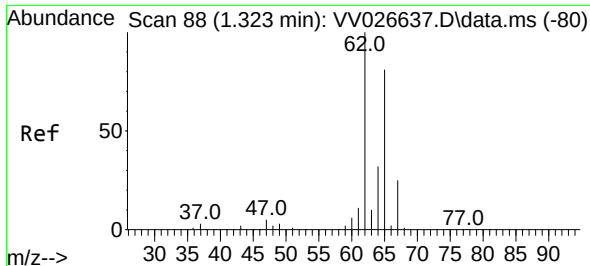
Tgt Ion: 85 Resp: 70004
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.6 38.4



#3
 Chloromethane
 Concen: 4.309 ug/L
 RT: 1.256 min Scan# 67
 Delta R.T. 0.003 min
 Lab File: VV026659.D
 Acq: 05 Jul 2022 20:43

Tgt Ion: 50 Resp: 75282
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.0 42.6

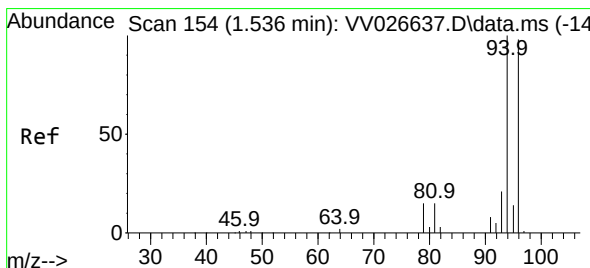
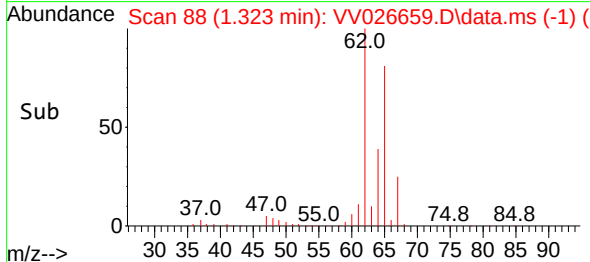
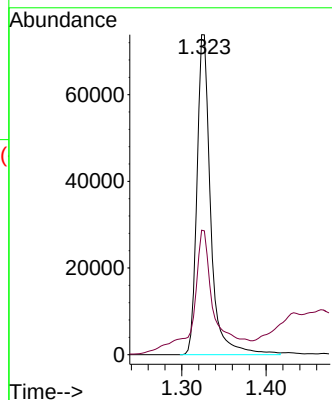
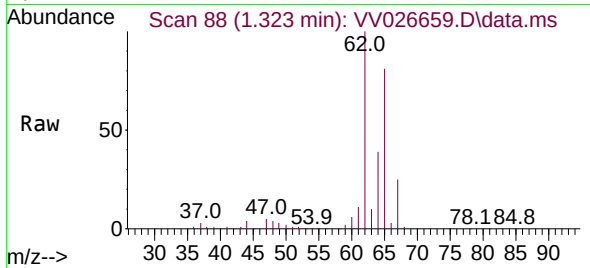




#5
 Vinyl chloride
 Concen: 4.486 ug/L
 RT: 1.323 min Scan# 88
 Delta R.T. 0.000 min
 Lab File: VV026659.D
 Acq: 05 Jul 2022 20:43

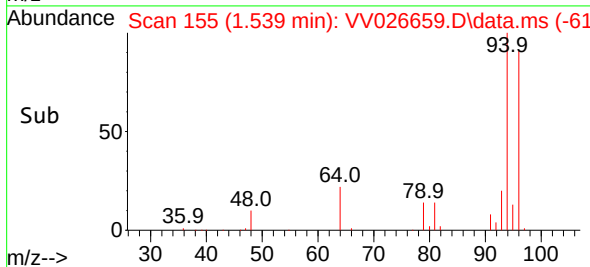
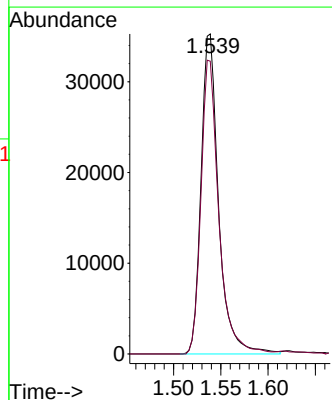
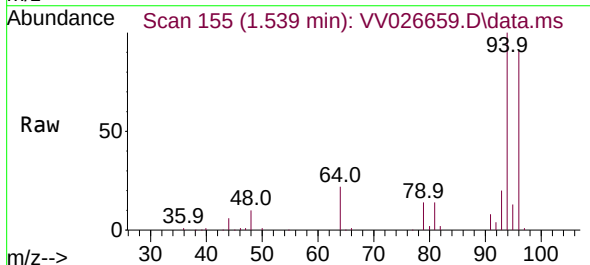
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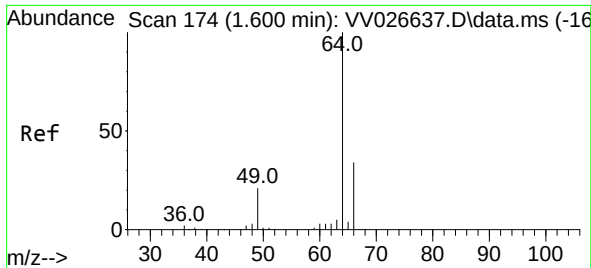
Tgt Ion: 62 Resp: 83432
 Ion Ratio Lower Upper
 62 100
 64 38.9 26.2 48.6



#6
 Bromomethane
 Concen: 4.519 ug/L
 RT: 1.539 min Scan# 155
 Delta R.T. 0.003 min
 Lab File: VV026659.D
 Acq: 05 Jul 2022 20:43

Tgt Ion: 94 Resp: 45495
 Ion Ratio Lower Upper
 94 100
 96 91.5 68.0 126.2

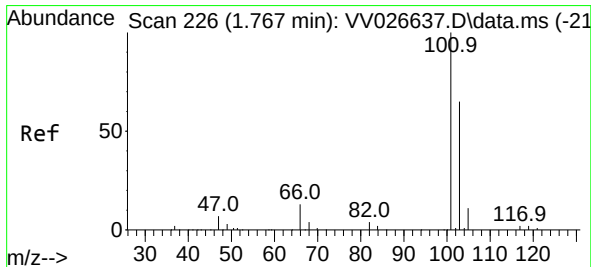
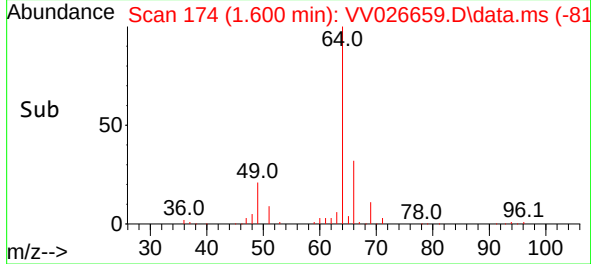
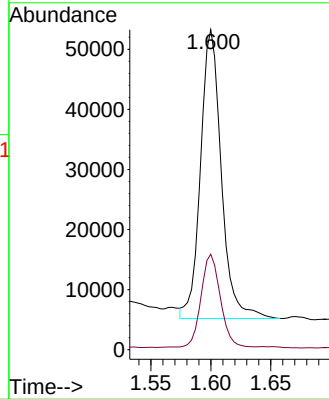
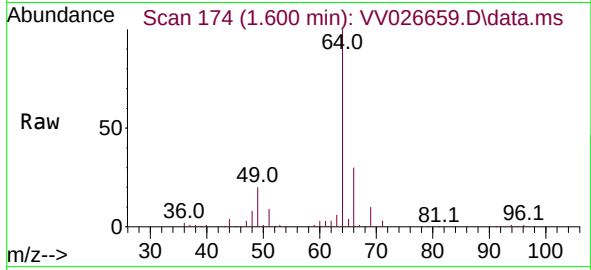




#8
Chloroethane
Concen: 4.599 ug/L
RT: 1.600 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

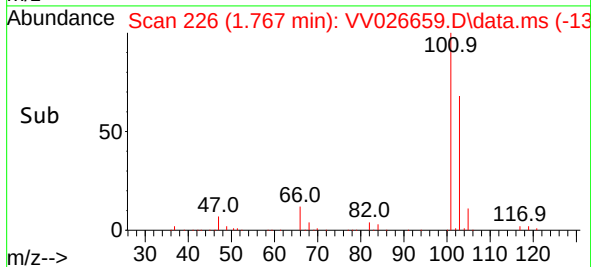
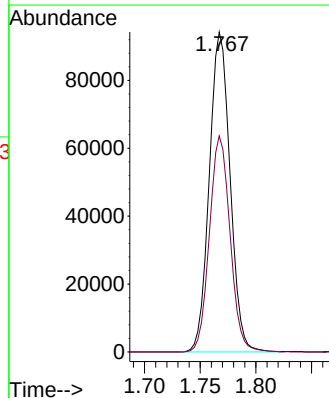
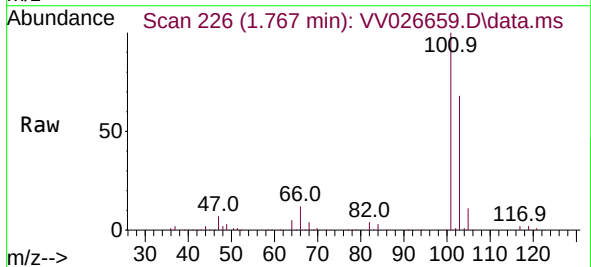
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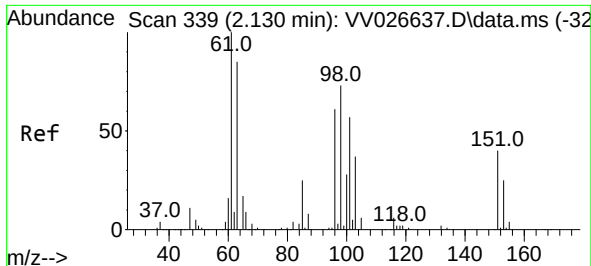
Tgt Ion: 64 Resp: 58172
Ion Ratio Lower Upper
64 100
66 29.8 20.0 37.2



#9
Trichlorofluoromethane
Concen: 4.713 ug/L
RT: 1.767 min Scan# 226
Delta R.T. 0.000 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

Tgt Ion:101 Resp: 122266
Ion Ratio Lower Upper
101 100
103 67.1 52.2 78.4

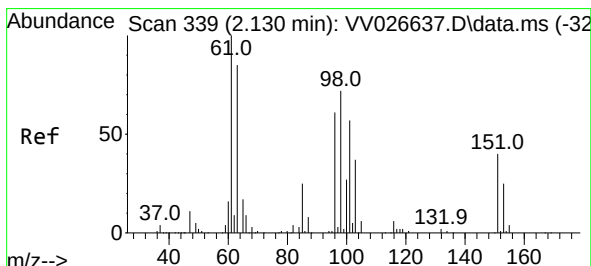
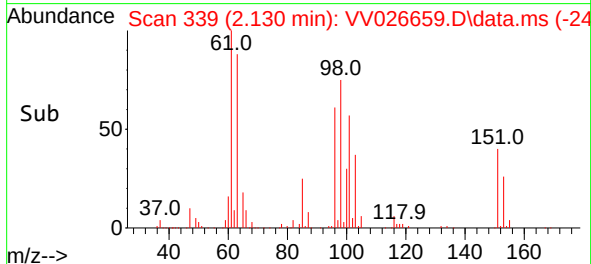
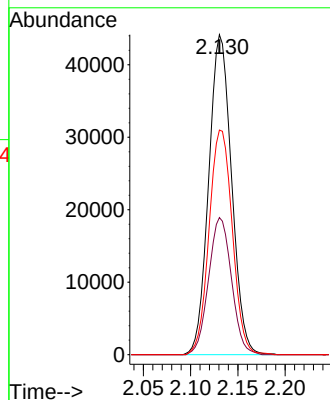
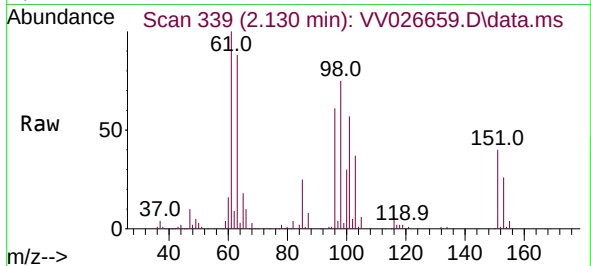




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.833 ug/L
 RT: 2.130 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV026659.D
 Acq: 05 Jul 2022 20:43

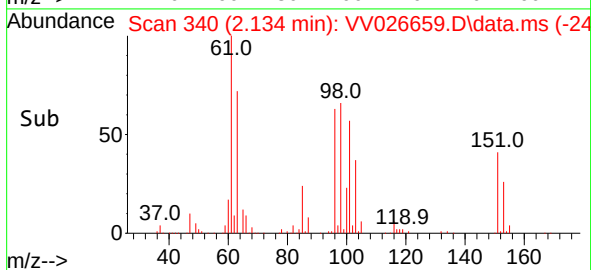
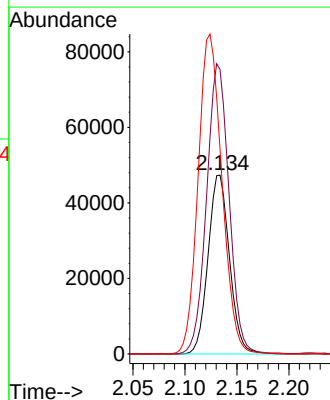
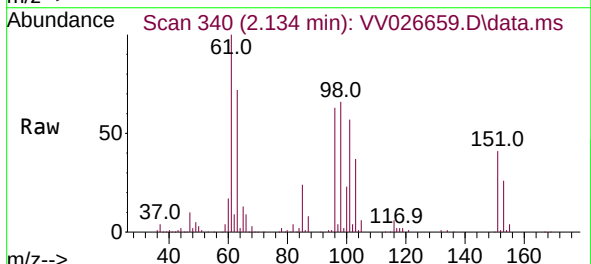
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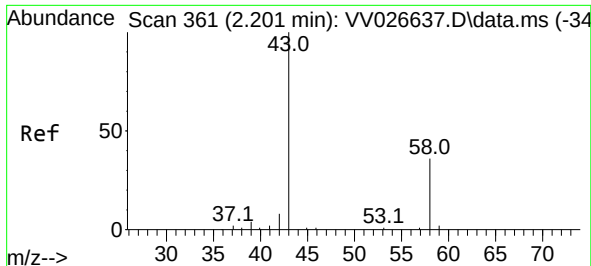
Tgt Ion: 101 Resp: 74275
 Ion Ratio Lower Upper
 101 100
 85 42.9 34.2 51.4
 151 71.4 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 4.776 ug/L
 RT: 2.134 min Scan# 340
 Delta R.T. 0.003 min
 Lab File: VV026659.D
 Acq: 05 Jul 2022 20:43

Tgt Ion: 96 Resp: 67672
 Ion Ratio Lower Upper
 96 100
 61 159.0 115.4 214.4
 63 114.2 87.4 162.2





#13

Acetone

Concen: 66.742 ug/L

RT: 2.214 min Scan# 3

Delta R.T. 0.013 min

Lab File: VV026659.D

Acq: 05 Jul 2022 20:43

Instrument :

MSVOA_V

ClientSampleId :

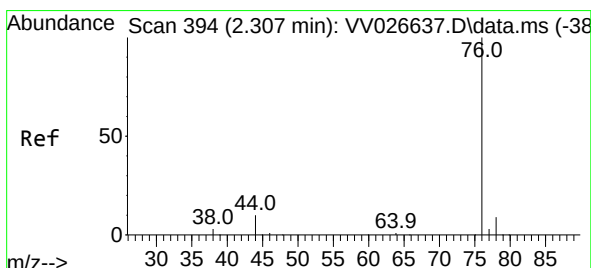
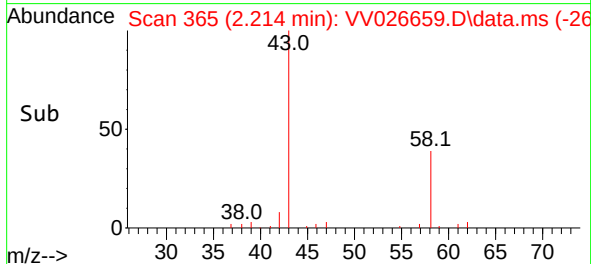
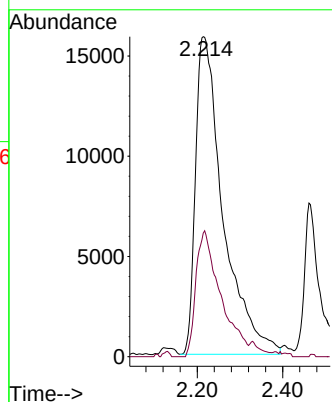
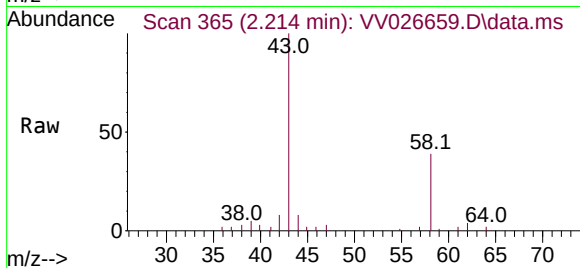
VSTD005343

Tgt Ion: 43 Resp: 71015

Ion Ratio Lower Upper

43 100

58 35.4 0.0 75.0



#14

Carbon disulfide

Concen: 4.415 ug/L

RT: 2.307 min Scan# 394

Delta R.T. 0.000 min

Lab File: VV026659.D

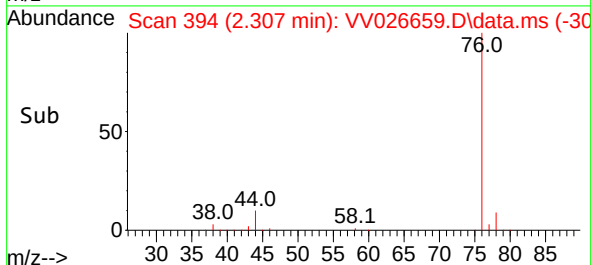
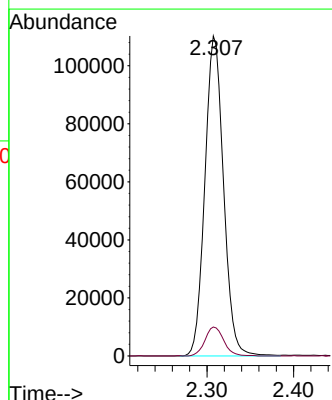
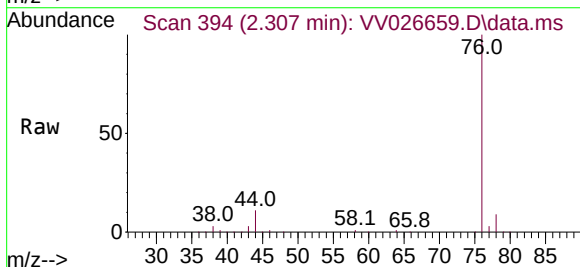
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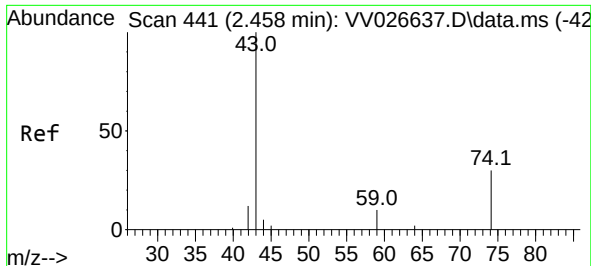
Tgt Ion: 76 Resp: 165023

Ion Ratio Lower Upper

76 100

78 9.1 7.8 11.6

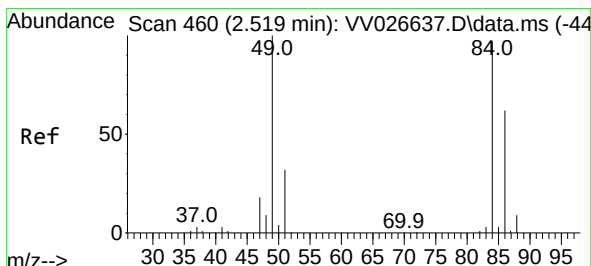
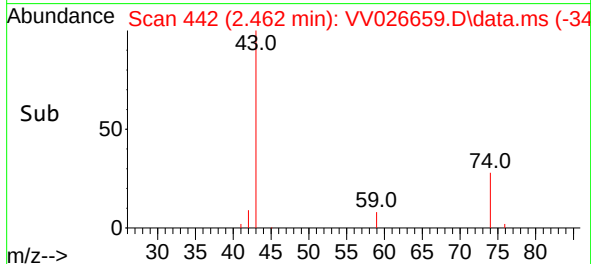
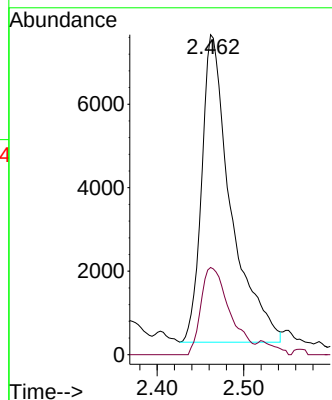
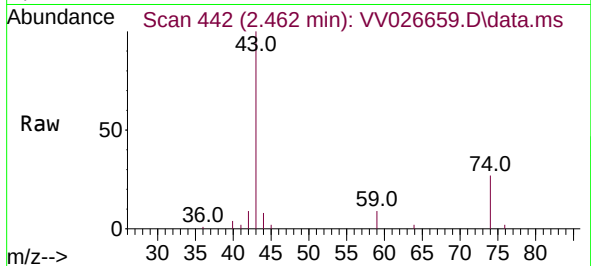




#15
Methyl Acetate
Concen: 5.609 ug/L
RT: 2.462 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

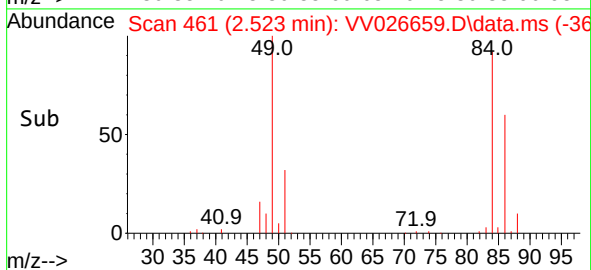
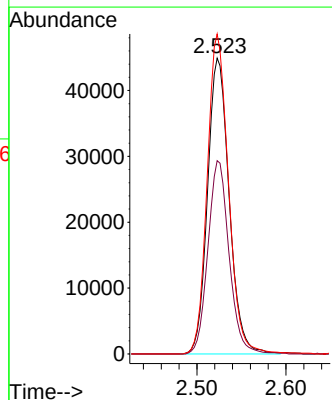
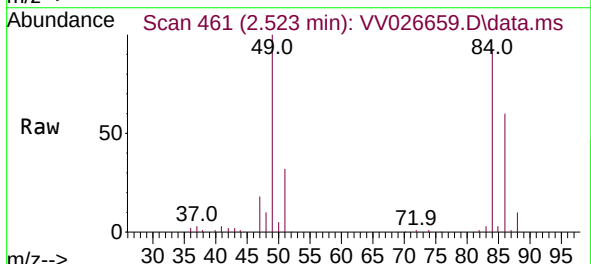
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

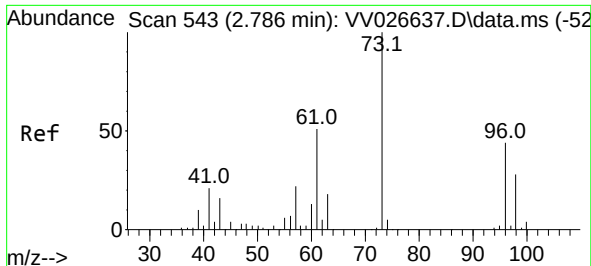
Tgt Ion: 43 Resp: 17210
Ion Ratio Lower Upper
43 100
74 28.2 22.1 33.1



#16
Methylene chloride
Concen: 5.029 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.003 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

Tgt Ion: 84 Resp: 75632
Ion Ratio Lower Upper
84 100
86 65.3 46.0 85.4
49 108.2 77.7 144.3

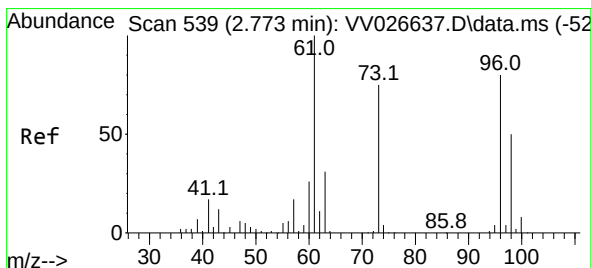
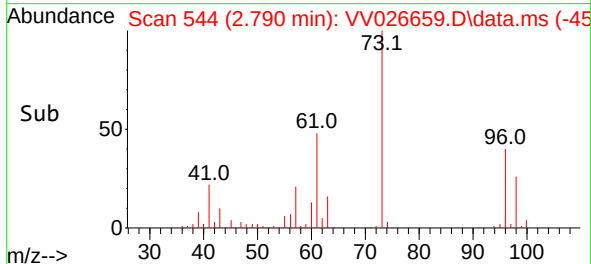
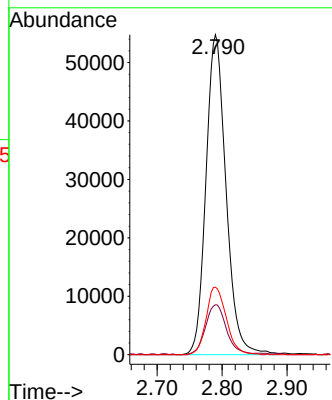
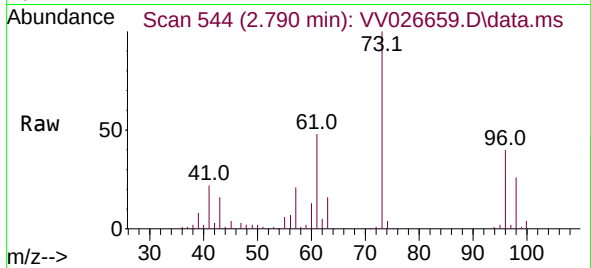




#17
Methyl tert-butyl Ether
Concen: 5.101 ug/L
RT: 2.790 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

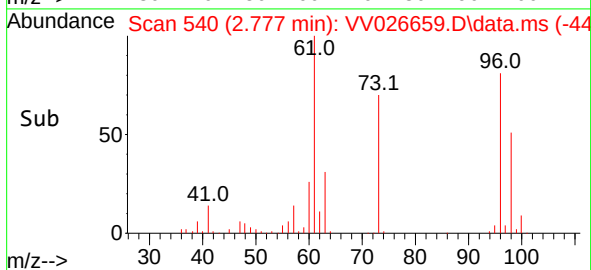
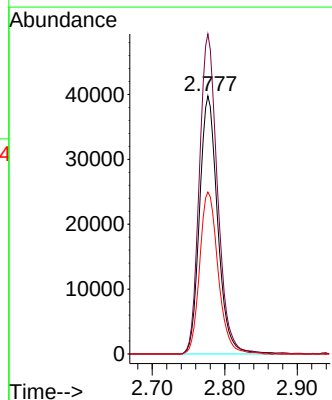
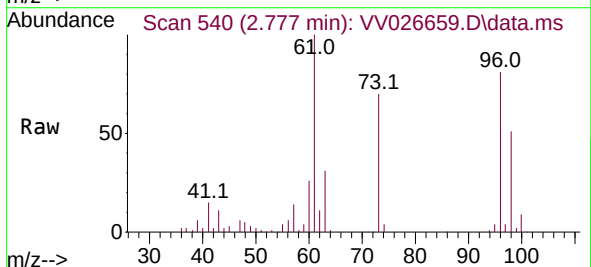
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

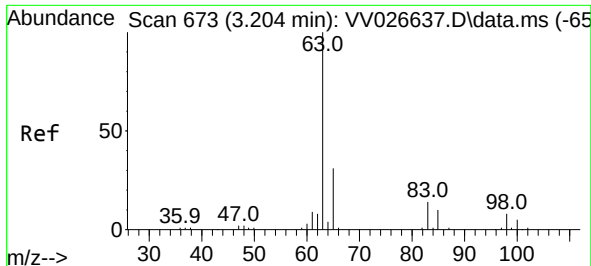
Tgt Ion: 73 Resp: 117799
Ion Ratio Lower Upper
73 100
43 16.3 13.3 19.9
57 21.2 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 4.775 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.003 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

Tgt Ion: 96 Resp: 69023
Ion Ratio Lower Upper
96 100
61 124.0 90.4 167.8
98 62.7 45.6 84.8





#19

1,1-Dichloroethane

Concen: 4.940 ug/L

RT: 3.208 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV026659.D

Acq: 05 Jul 2022 20:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD005343

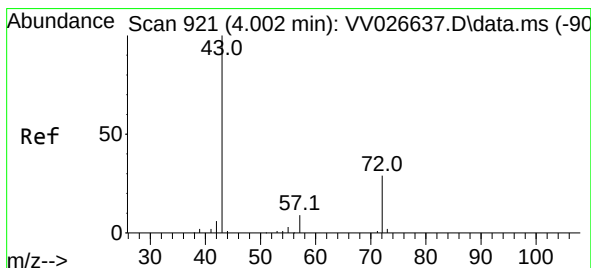
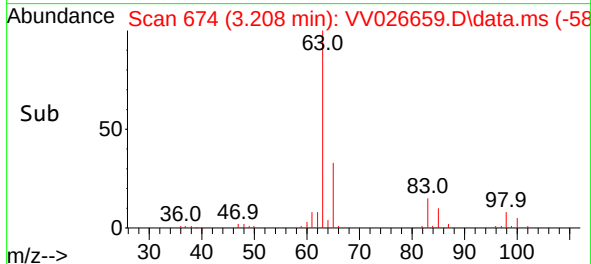
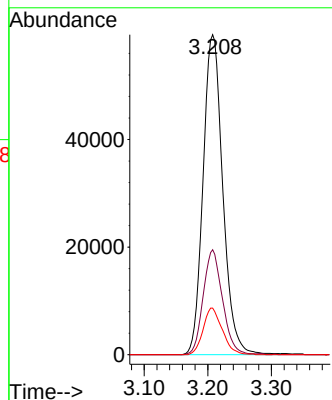
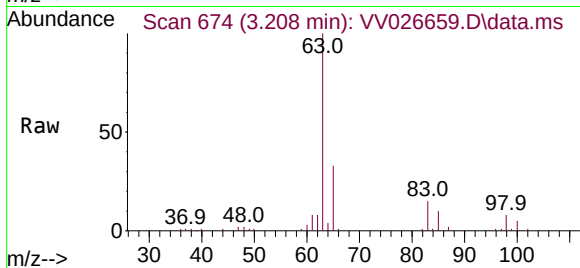
Tgt Ion: 63 Resp: 128225

Ion Ratio Lower Upper

63 100

65 32.8 23.0 42.6

83 14.5 10.2 19.0



#21

2-Butanone

Concen: 59.925 ug/L

RT: 4.011 min Scan# 924

Delta R.T. 0.010 min

Lab File: VV026659.D

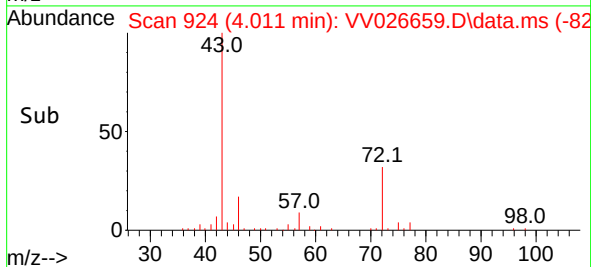
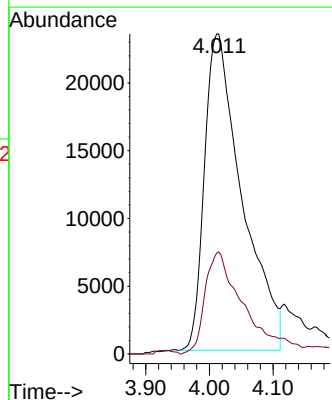
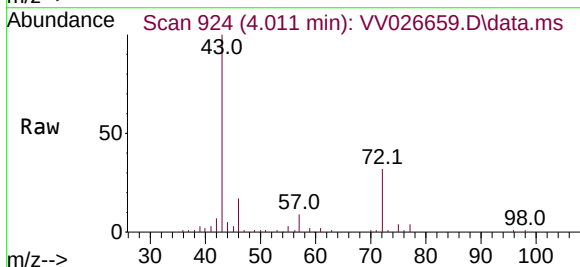
Acq: 05 Jul 2022 20:43

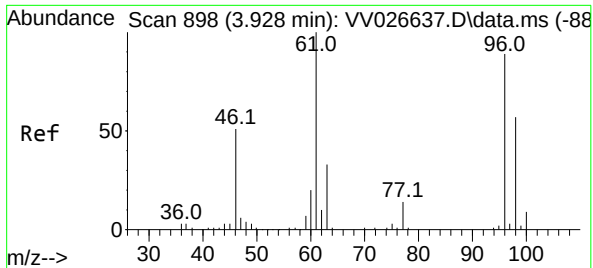
Tgt Ion: 43 Resp: 95921

Ion Ratio Lower Upper

43 100

72 33.4 13.5 40.5

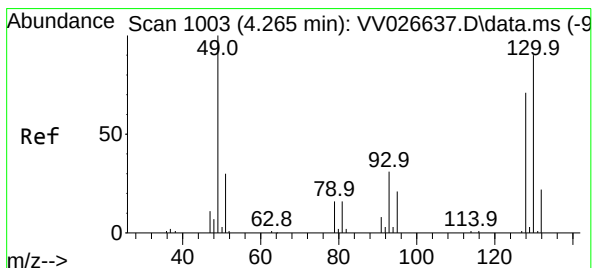
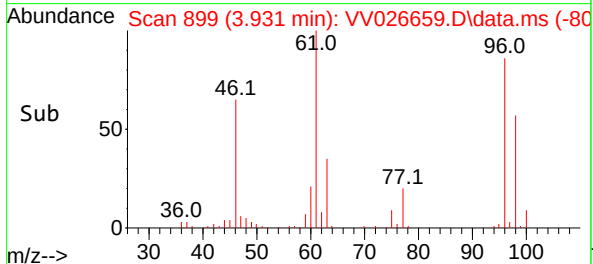
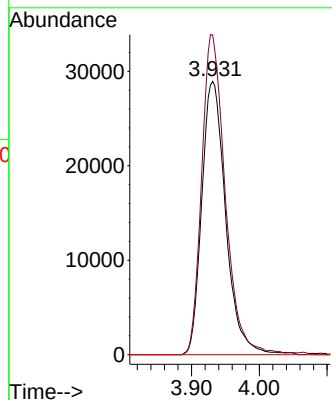
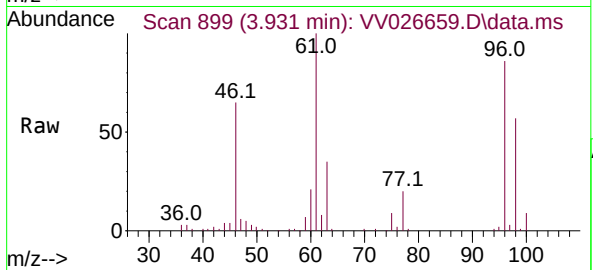




#22
 cis-1,2-Dichloroethene
 Concen: 4.930 ug/L
 RT: 3.931 min Scan# 899
 Delta R.T. 0.003 min
 Lab File: VV026659.D
 Acq: 05 Jul 2022 20:43

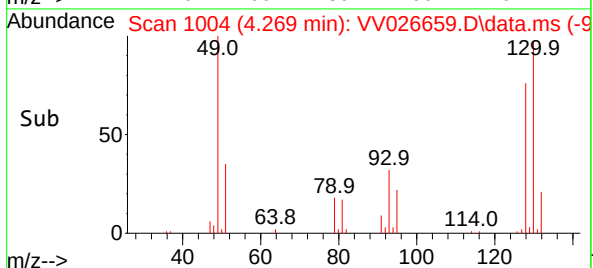
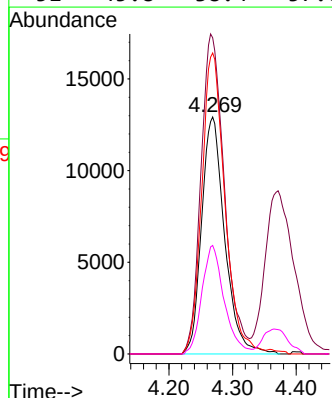
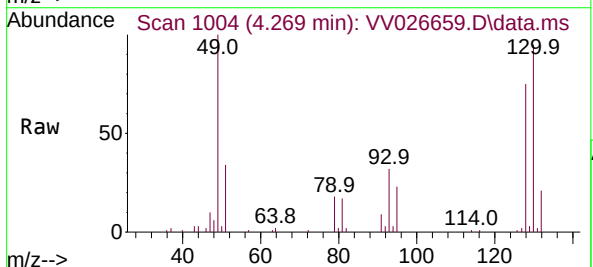
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005343

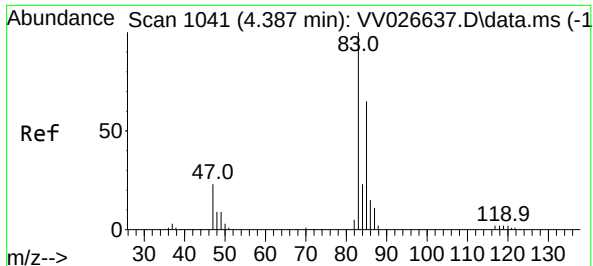
Tgt Ion: 96 Resp: 70771
 Ion Ratio Lower Upper
 96 100
 61 116.9 82.0 152.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.494 ug/L
 RT: 4.269 min Scan# 1004
 Delta R.T. 0.003 min
 Lab File: VV026659.D
 Acq: 05 Jul 2022 20:43

Tgt Ion: 128 Resp: 32476
 Ion Ratio Lower Upper
 128 100
 49 133.5 104.0 193.1
 130 127.0 93.4 173.6
 51 45.8 38.4 57.6

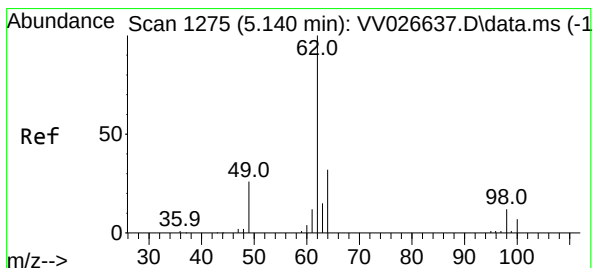
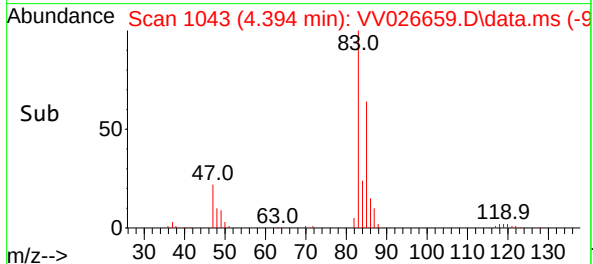
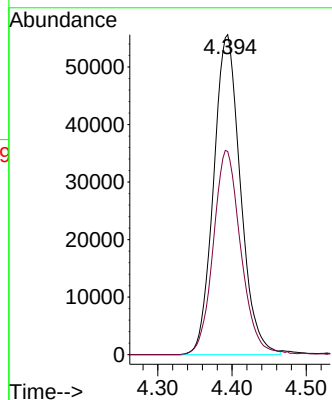
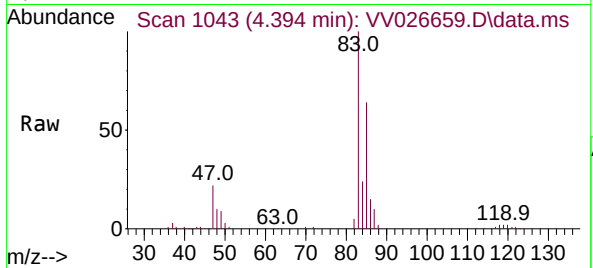




#25
Chloroform
Concen: 5.038 ug/L
RT: 4.394 min Scan# 1043
Delta R.T. 0.007 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

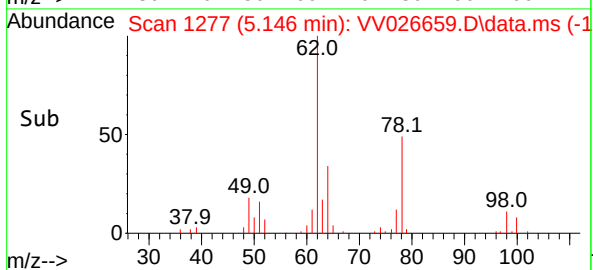
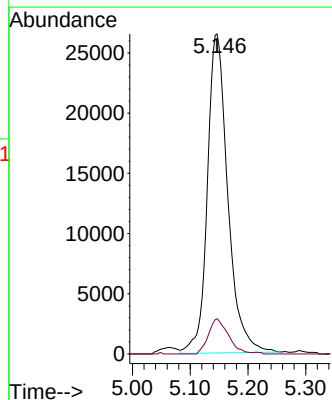
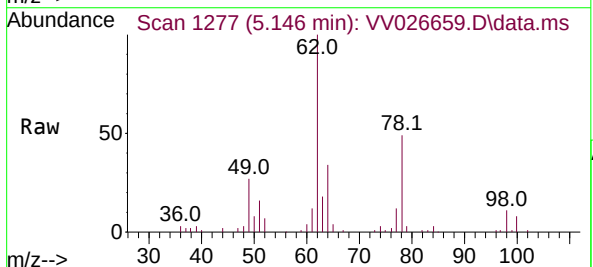
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

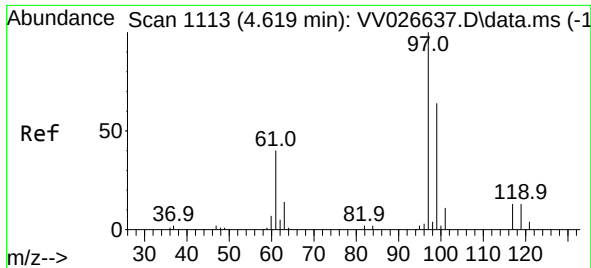
Tgt Ion: 83 Resp: 139888
Ion Ratio Lower Upper
83 100
85 63.5 44.0 81.8



#27
1,2-Dichloroethane
Concen: 5.279 ug/L
RT: 5.146 min Scan# 1277
Delta R.T. 0.007 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

Tgt Ion: 62 Resp: 65237
Ion Ratio Lower Upper
62 100
98 11.0 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 4.898 ug/L

RT: 4.622 min Scan# 1114

Delta R.T. 0.003 min

Lab File: VV026659.D

Acq: 05 Jul 2022 20:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD005343

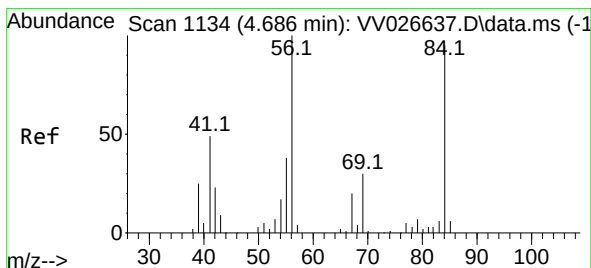
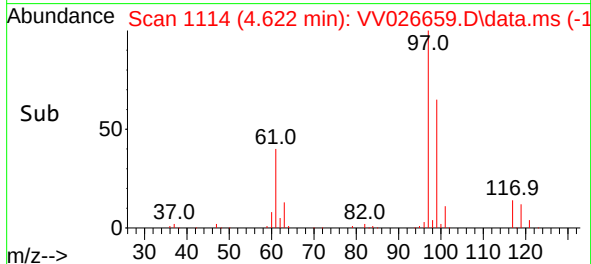
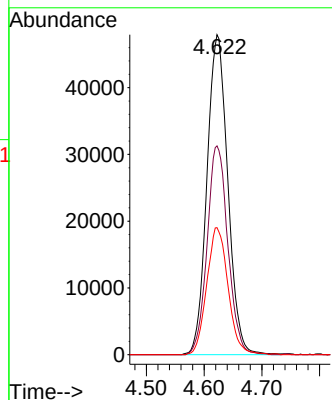
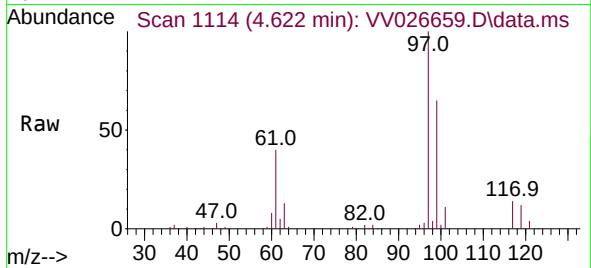
Tgt Ion: 97 Resp: 120245

Ion Ratio Lower Upper

97 100

99 65.0 51.0 76.4

61 40.6 33.0 49.4



#30

Cyclohexane

Concen: 4.261 ug/L

RT: 4.690 min Scan# 1135

Delta R.T. 0.003 min

Lab File: VV026659.D

Acq: 05 Jul 2022 20:43

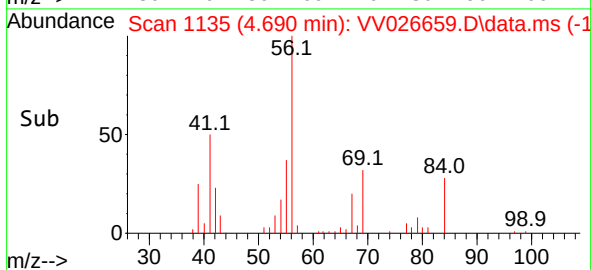
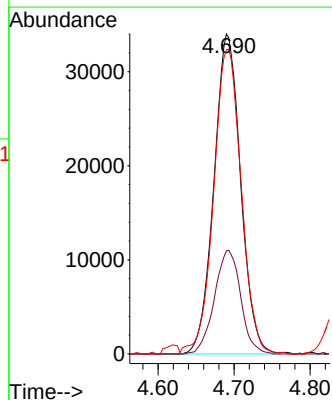
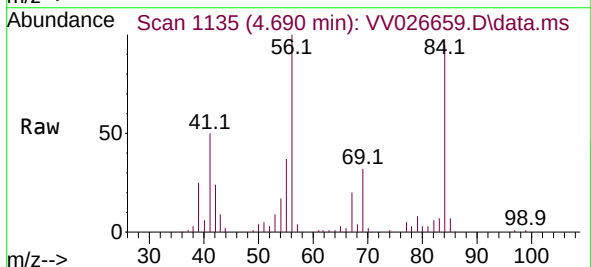
Tgt Ion: 56 Resp: 82821

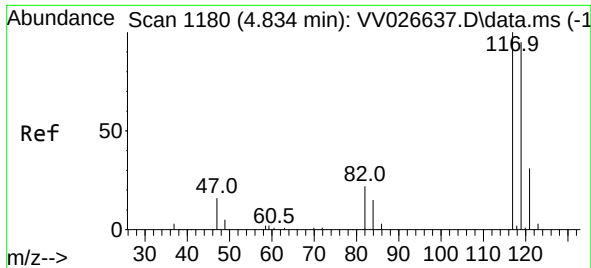
Ion Ratio Lower Upper

56 100

69 31.9 25.4 38.2

84 98.5 77.8 116.6

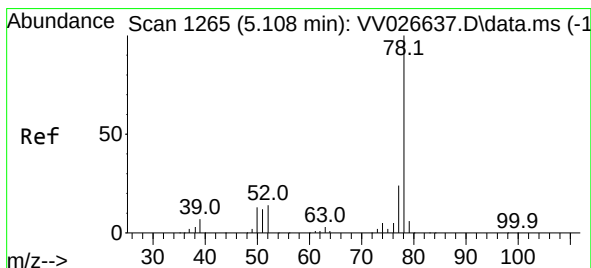
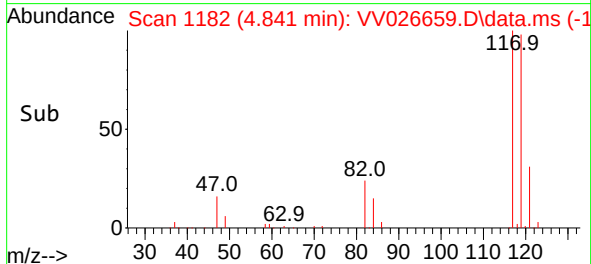
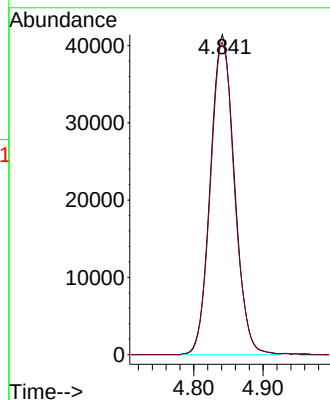
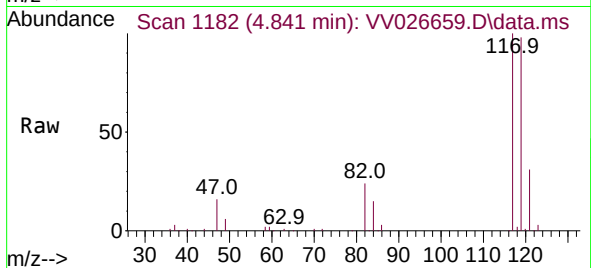




#31
Carbon tetrachloride
Concen: 4.853 ug/L
RT: 4.841 min Scan# 1180
Delta R.T. 0.007 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

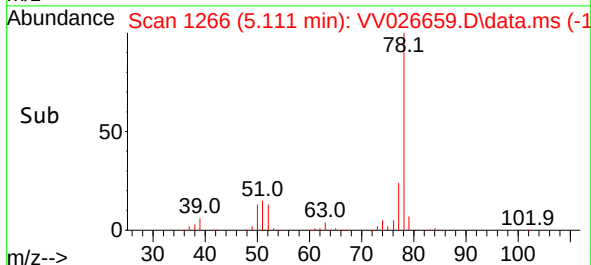
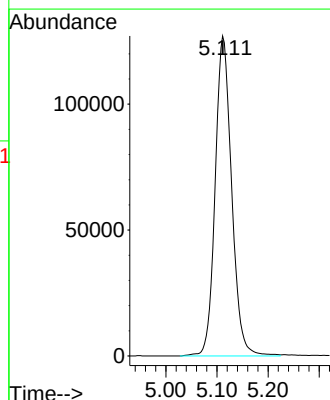
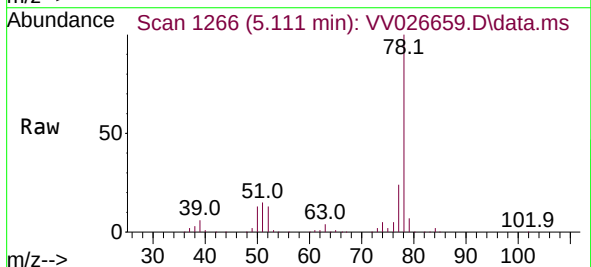
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

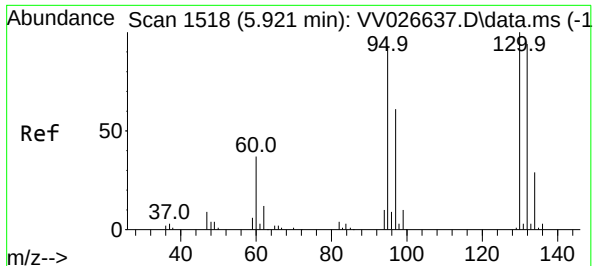
Tgt Ion:117 Resp: 99950
Ion Ratio Lower Upper
117 100
119 97.5 76.9 115.3



#33
Benzene
Concen: 4.880 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.003 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

Tgt Ion: 78 Resp: 284302

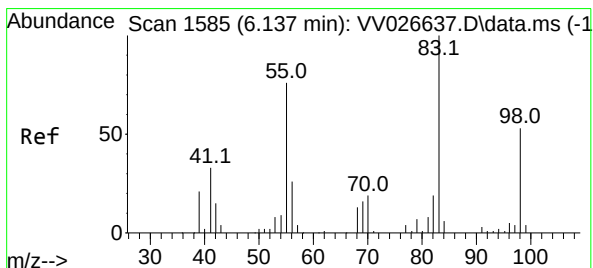
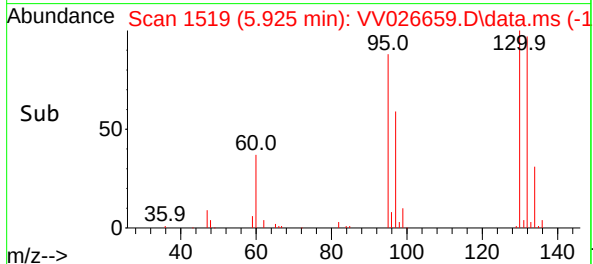
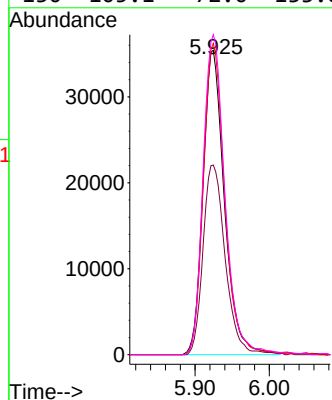
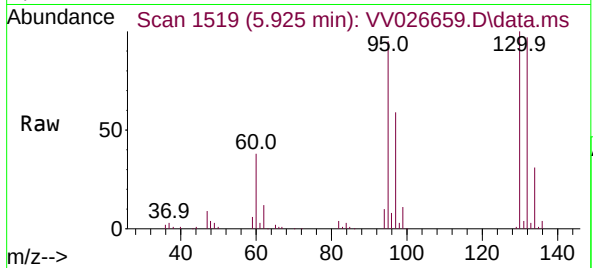




#34
Trichloroethene
Concen: 4.644 ug/L
RT: 5.925 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

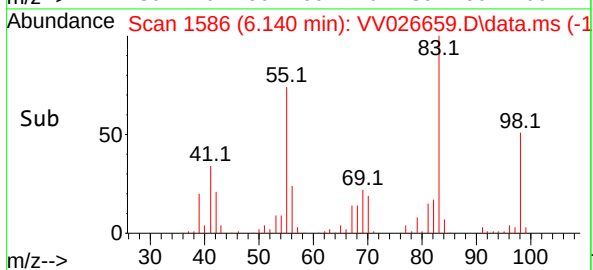
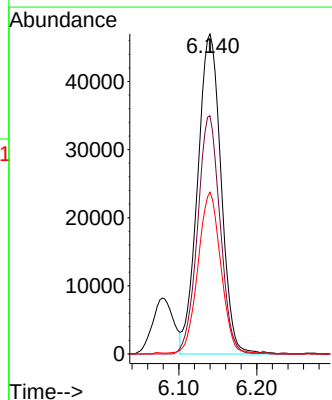
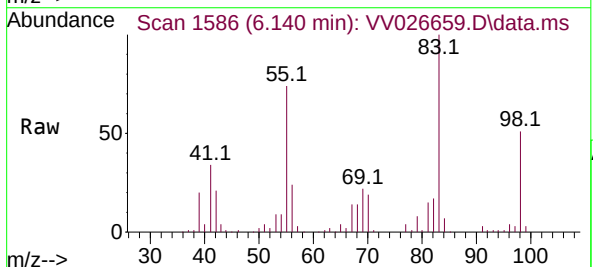
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

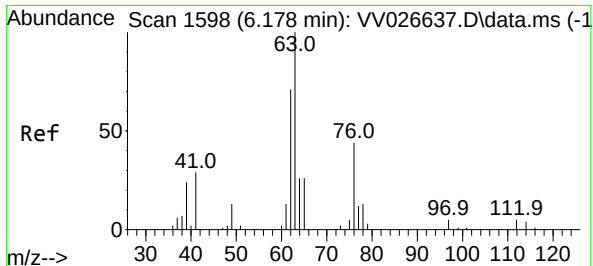
Tgt Ion: 95 Resp: 71123
Ion Ratio Lower Upper
95 100
97 62.2 46.8 87.0
132 102.2 69.9 129.7
130 105.1 72.0 133.8



#35
Methylcyclohexane
Concen: 4.330 ug/L
RT: 6.140 min Scan# 1586
Delta R.T. 0.003 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

Tgt Ion: 83 Resp: 98111
Ion Ratio Lower Upper
83 100
55 71.5 57.0 85.4
98 48.5 39.8 59.8





#37

1,2-Dichloropropane

Concen: 4.784 ug/L

RT: 6.182 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026659.D

Acq: 05 Jul 2022 20:43

Instrument :

MSVOA_V

ClientSampleId :

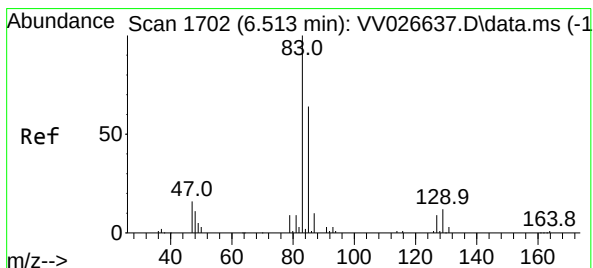
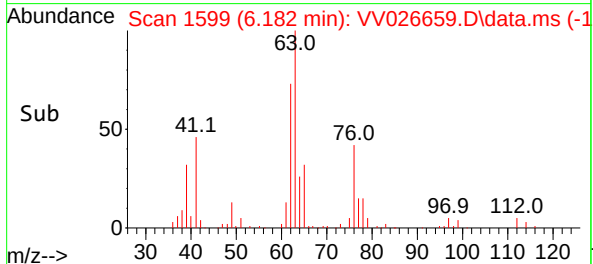
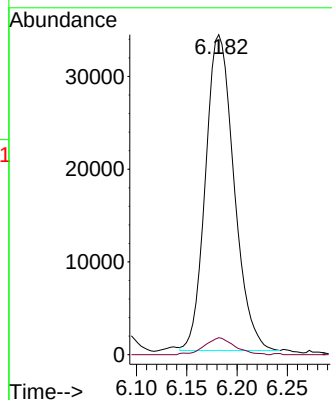
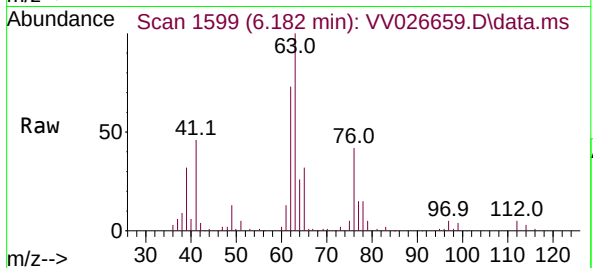
VSTD005343

Tgt Ion: 63 Resp: 67181

Ion Ratio Lower Upper

63 100

112 5.6 4.2 6.4



#38

Bromodichloromethane

Concen: 5.106 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.003 min

Lab File: VV026659.D

Acq: 05 Jul 2022 20:43

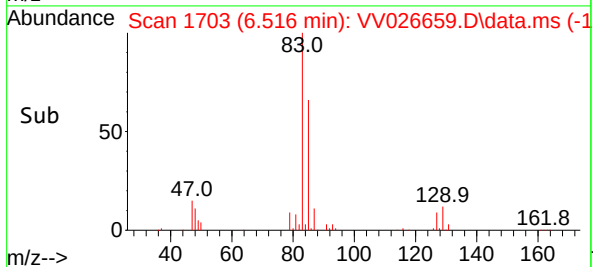
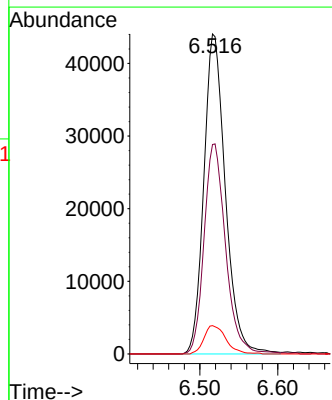
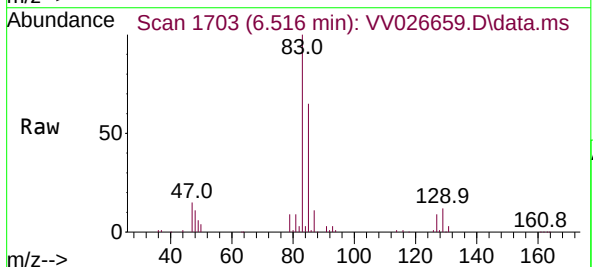
Tgt Ion: 83 Resp: 84627

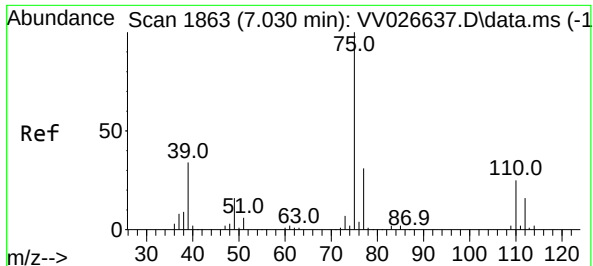
Ion Ratio Lower Upper

83 100

85 65.5 44.0 81.8

127 8.8 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.229 ug/L

RT: 7.034 min Scan# 1864

Delta R.T. 0.003 min

Lab File: VV026659.D

Acq: 05 Jul 2022 20:43

Instrument :

MSVOA_V

ClientSampleId :

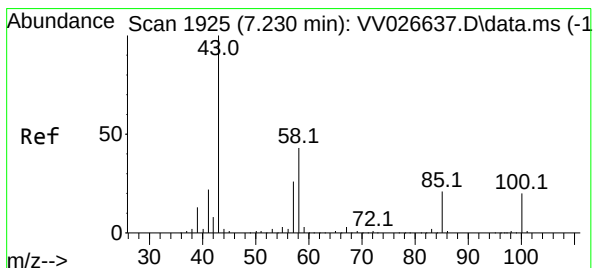
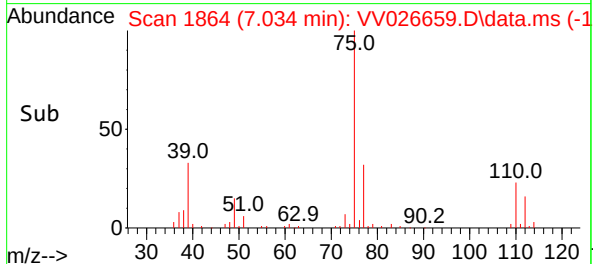
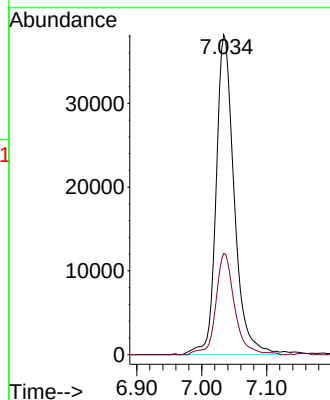
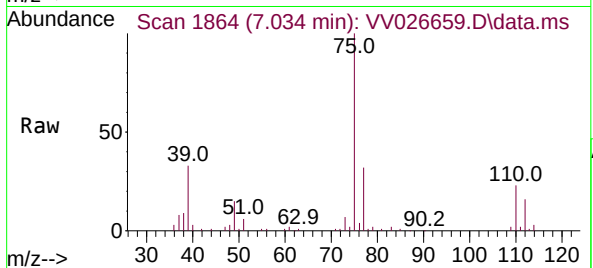
VSTD005343

Tgt Ion: 75 Resp: 73794

Ion Ratio Lower Upper

75 100

77 31.6 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 56.060 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.003 min

Lab File: VV026659.D

Acq: 05 Jul 2022 20:43

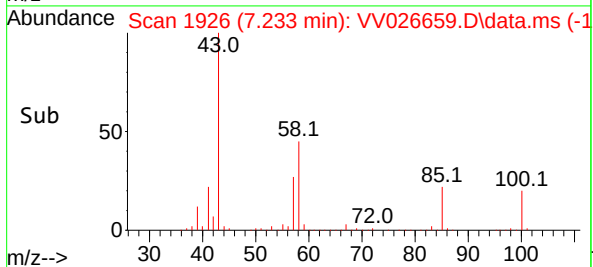
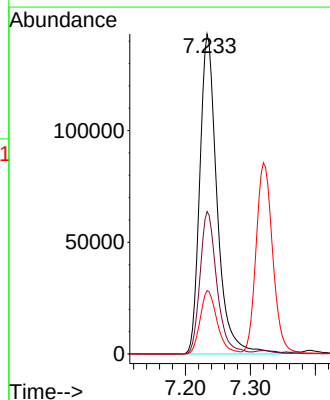
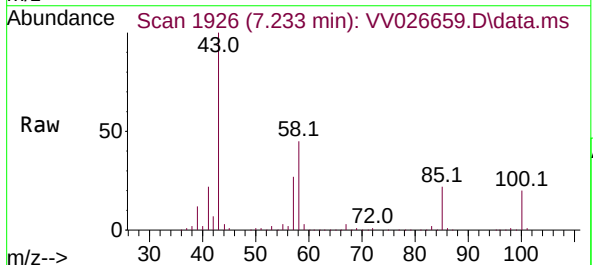
Tgt Ion: 43 Resp: 265880

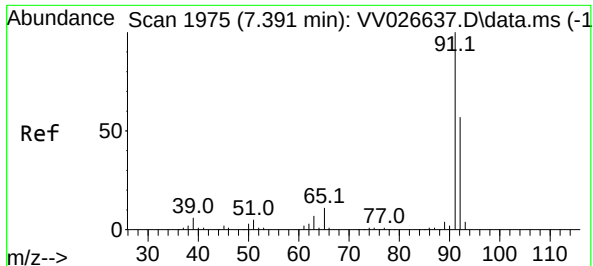
Ion Ratio Lower Upper

43 100

58 43.4 33.3 49.9

100 19.5 14.3 21.5

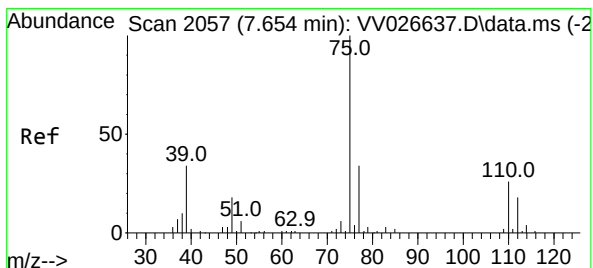
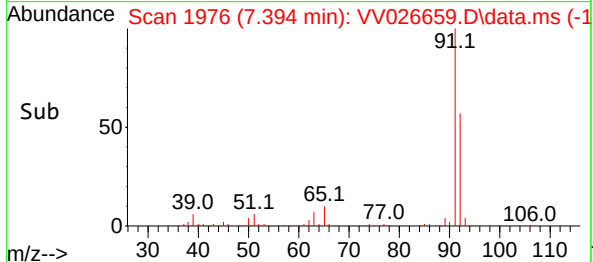
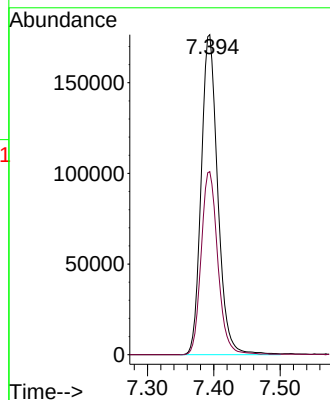
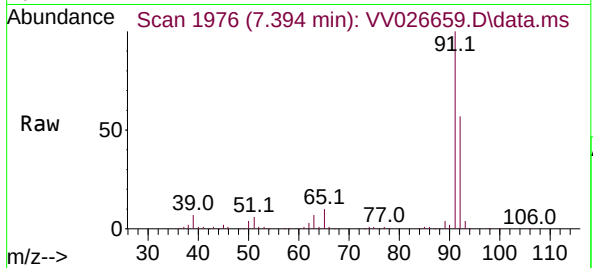




#42
Toluene
Concen: 5.085 ug/L
RT: 7.394 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

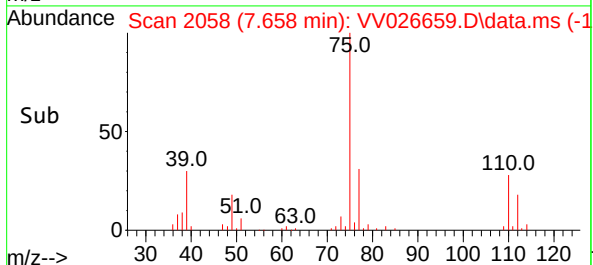
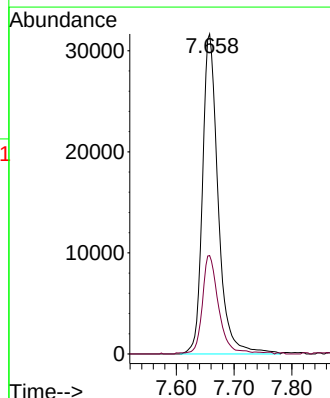
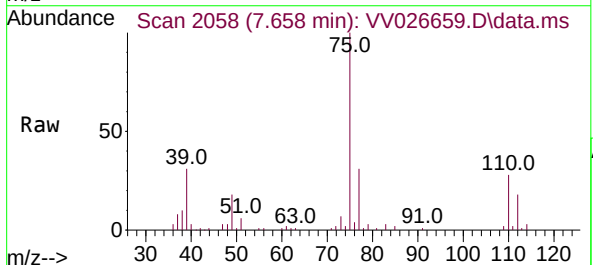
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

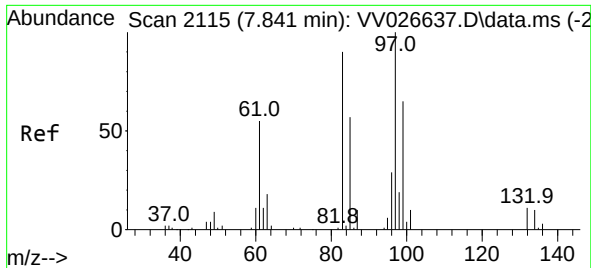
Tgt Ion: 91 Resp: 305823
Ion Ratio Lower Upper
91 100
92 57.2 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 5.693 ug/L
RT: 7.658 min Scan# 2058
Delta R.T. 0.003 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

Tgt Ion: 75 Resp: 59763
Ion Ratio Lower Upper
75 100
77 30.7 23.1 42.9

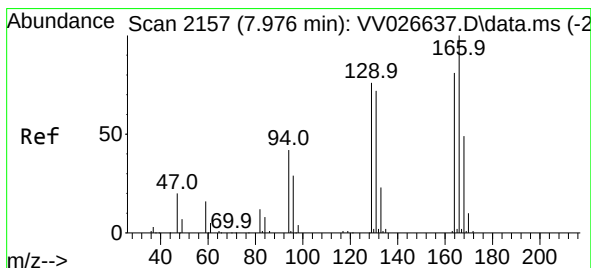
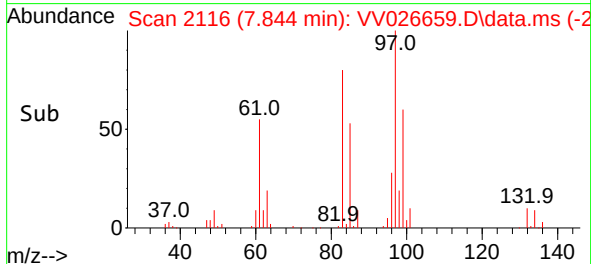
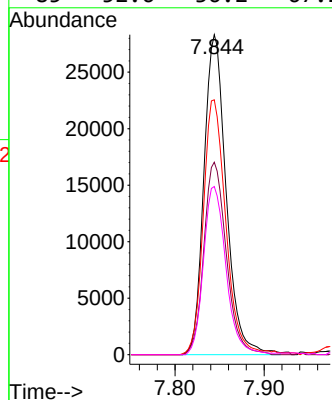
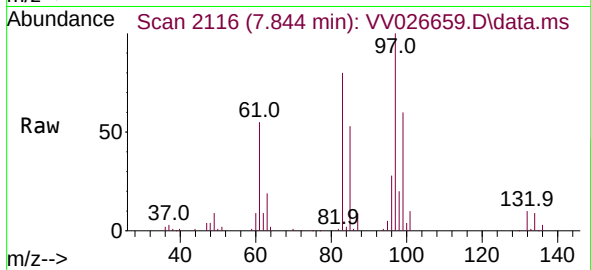




#45
1,1,2-Trichloroethane
Concen: 5.556 ug/L
RT: 7.844 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

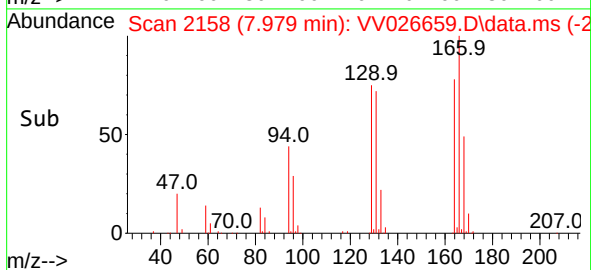
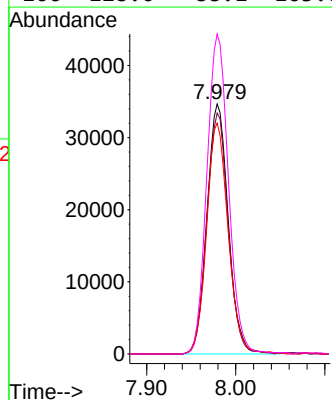
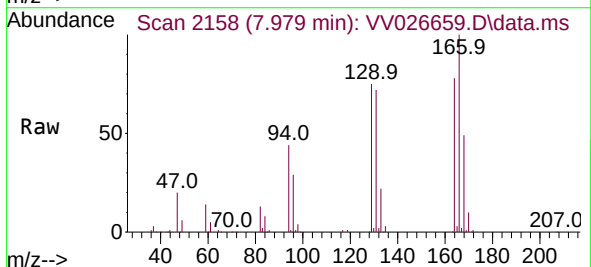
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

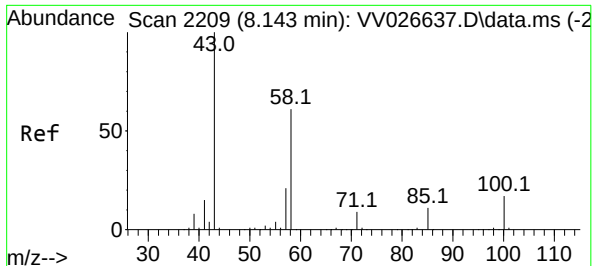
Tgt Ion:	97	Resp:	49199
Ion	Ratio	Lower	Upper
97	100		
99	60.2	43.4	80.6
83	79.7	58.0	107.8
85	52.6	36.2	67.2



#47
Tetrachloroethene
Concen: 4.725 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

Tgt Ion:	164	Resp:	57616
Ion	Ratio	Lower	Upper
164	100		
129	96.4	66.4	123.2
131	92.3	64.4	119.6
166	128.0	88.1	163.7



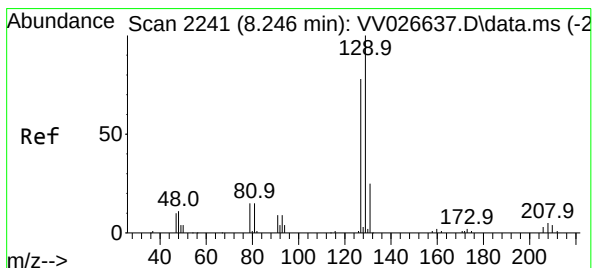
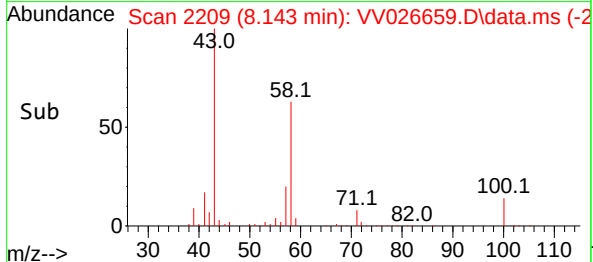
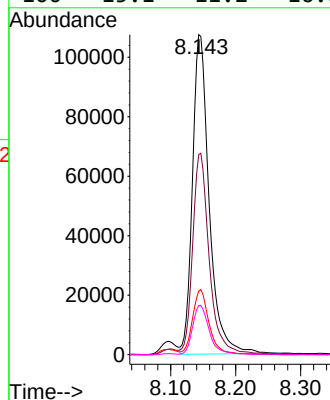
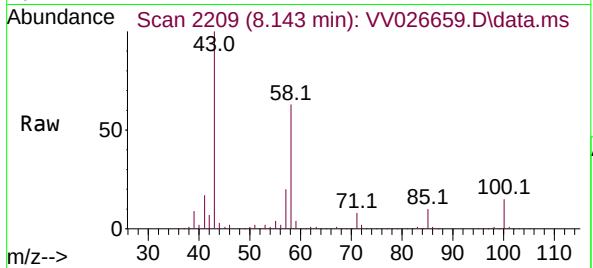


#48
2-Hexanone
Concen: 58.392 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

Tgt Ion: 43 Resp: 192782

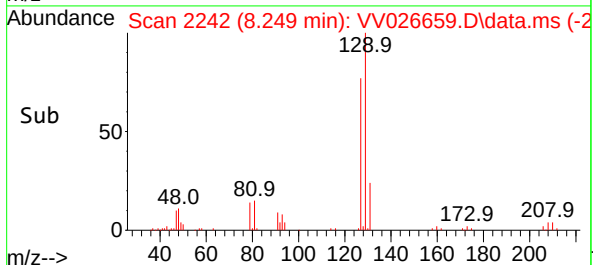
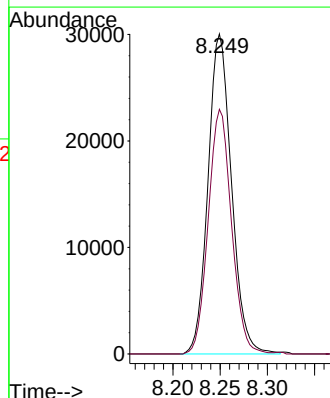
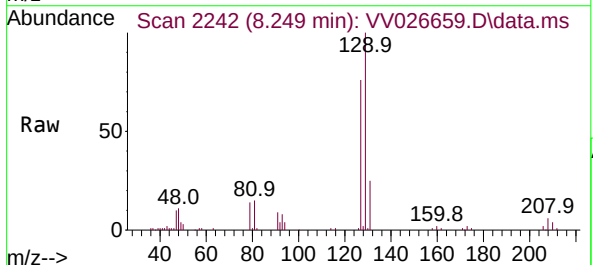
Ion	Ratio	Lower	Upper
43	100		
58	61.4	47.8	71.6
57	19.6	15.0	22.6
100	15.1	11.2	16.8

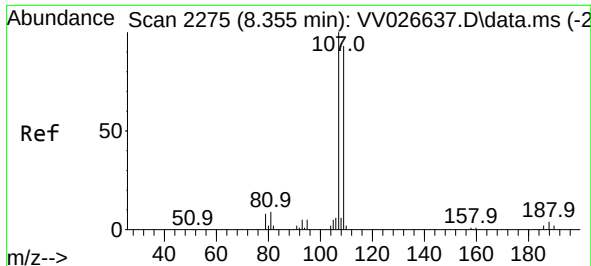


#49
Dibromochloromethane
Concen: 5.794 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

Tgt Ion: 129 Resp: 51947

Ion	Ratio	Lower	Upper
129	100		
127	76.5	54.2	100.6





#50

1,2-Dibromoethane

Concen: 5.340 ug/L

RT: 8.358 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026659.D

Acq: 05 Jul 2022 20:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD005343

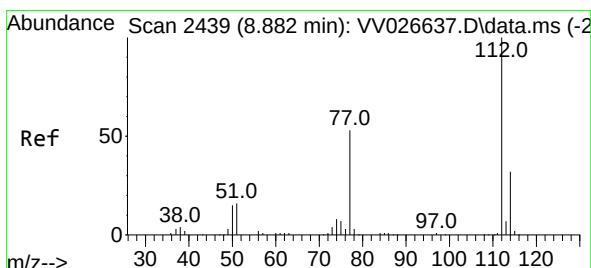
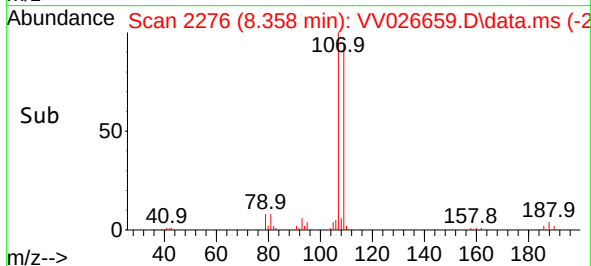
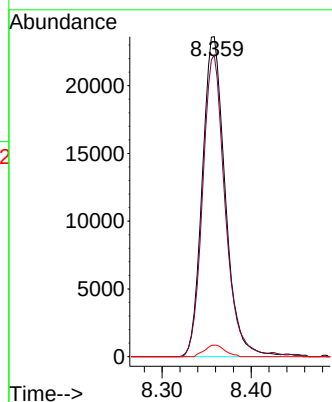
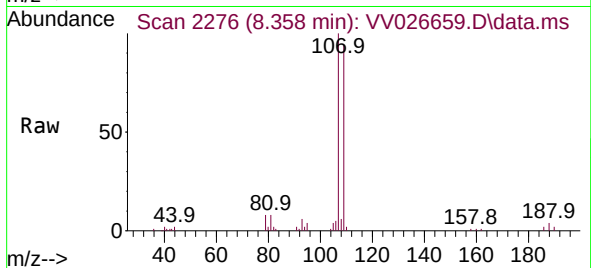
Tgt Ion:107 Resp: 42040

Ion Ratio Lower Upper

107 100

109 94.2 67.8 125.8

188 3.6 3.2 4.8



#51

Chlorobenzene

Concen: 4.900 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VV026659.D

Acq: 05 Jul 2022 20:43

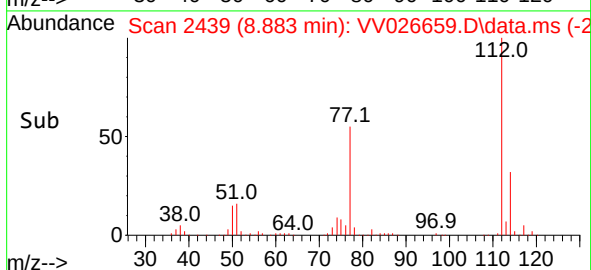
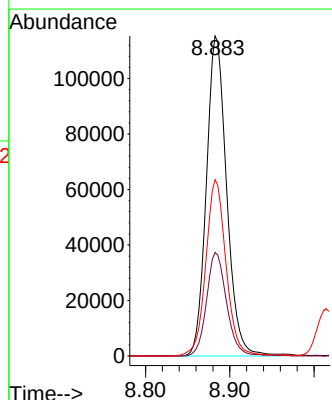
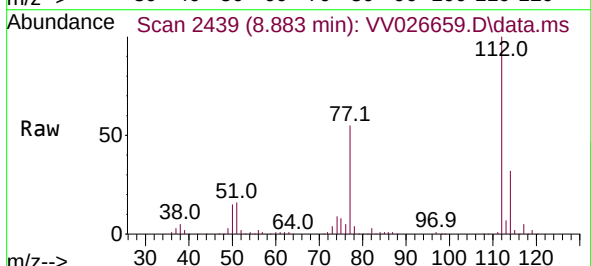
Tgt Ion:112 Resp: 193046

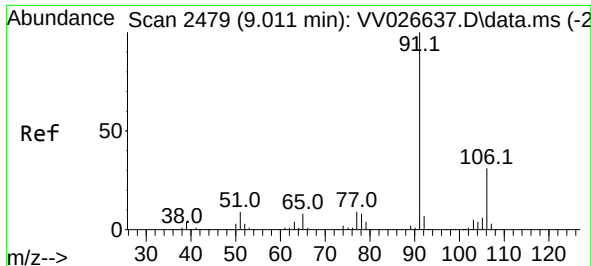
Ion Ratio Lower Upper

112 100

114 32.4 22.3 41.5

77 55.1 44.4 66.6





#52

Ethylbenzene

Concen: 4.740 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV026659.D

Acq: 05 Jul 2022 20:43

Instrument :

MSVOA_V

ClientSampleId :

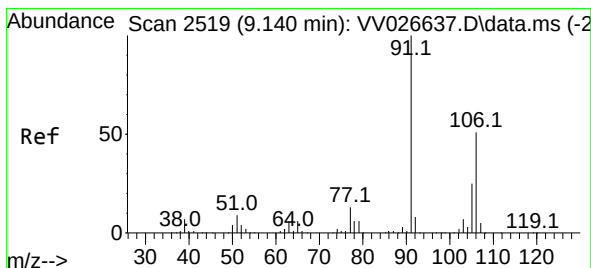
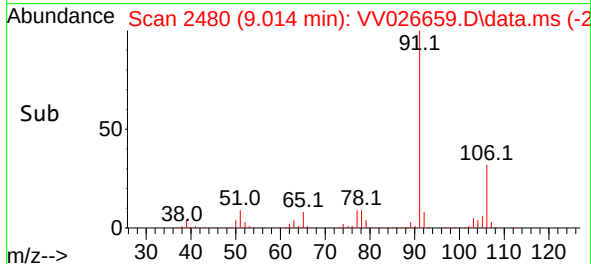
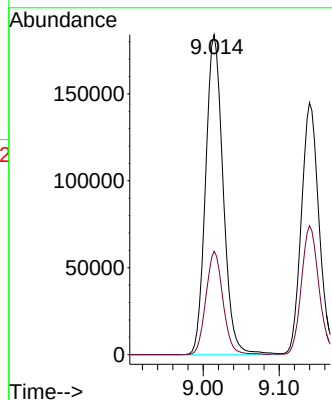
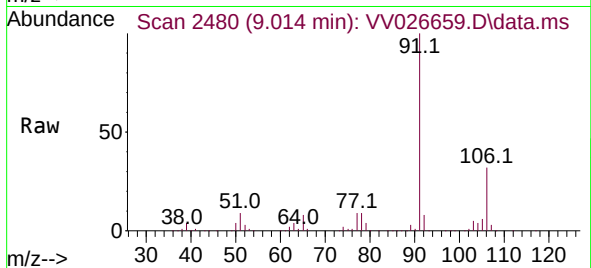
VSTD005343

Tgt Ion: 91 Resp: 294806

Ion Ratio Lower Upper

91 100

106 32.3 22.1 41.1



#53

m,p-Xylene

Concen: 4.878 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV026659.D

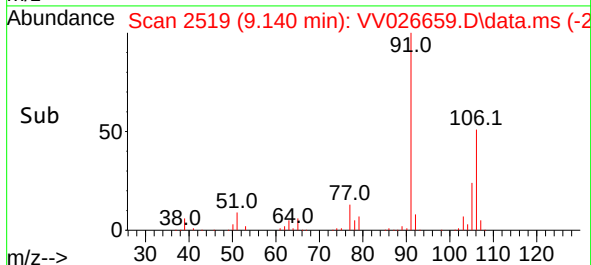
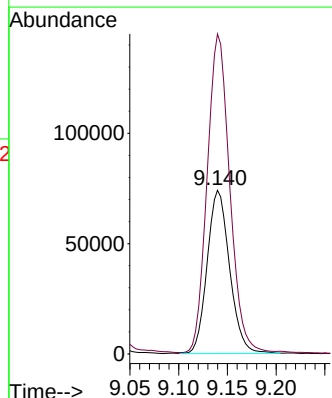
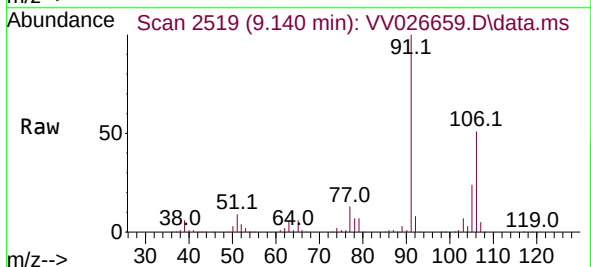
Acq: 05 Jul 2022 20:43

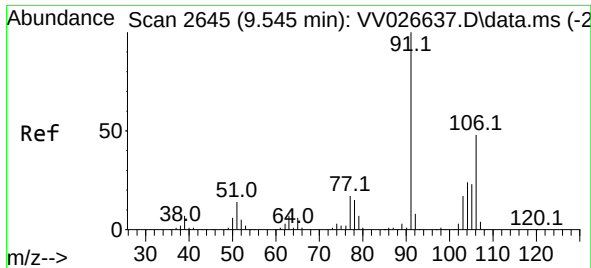
Tgt Ion: 106 Resp: 118365

Ion Ratio Lower Upper

106 100

91 195.6 139.9 259.9

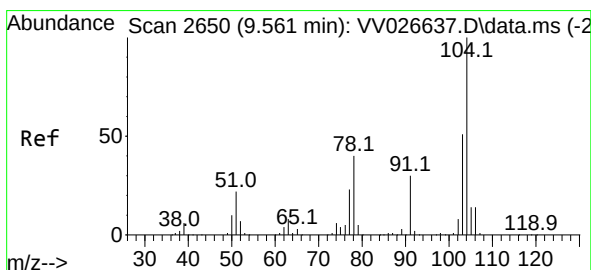
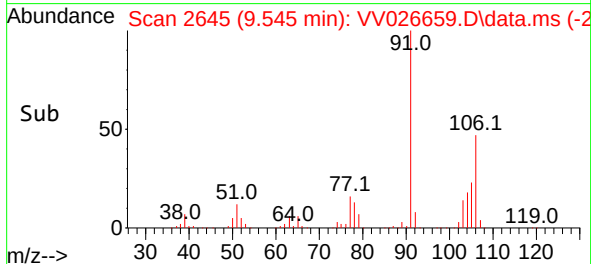
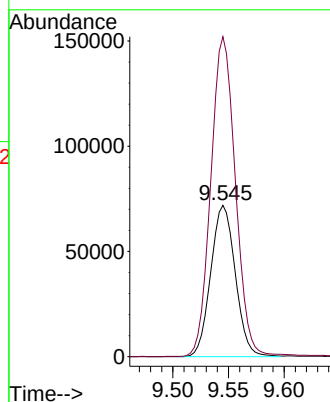
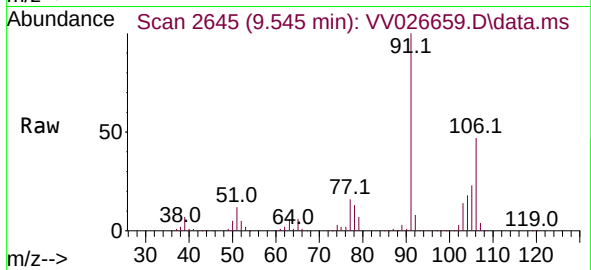




#54
o-Xylene
Concen: 4.845 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

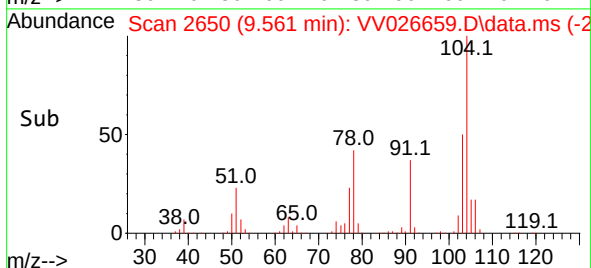
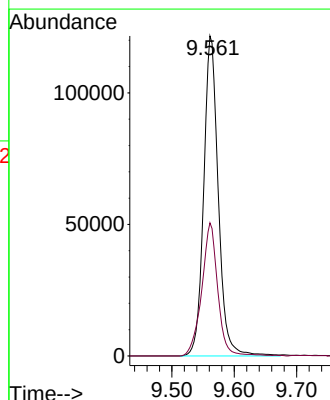
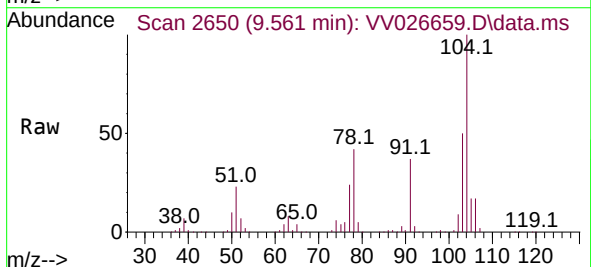
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

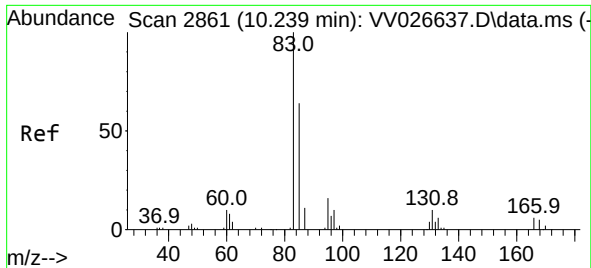
Tgt Ion:106 Resp: 110343
Ion Ratio Lower Upper
106 100
91 211.3 147.5 273.9



#55
Styrene
Concen: 5.256 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

Tgt Ion:104 Resp: 198294
Ion Ratio Lower Upper
104 100
78 41.6 28.4 52.8

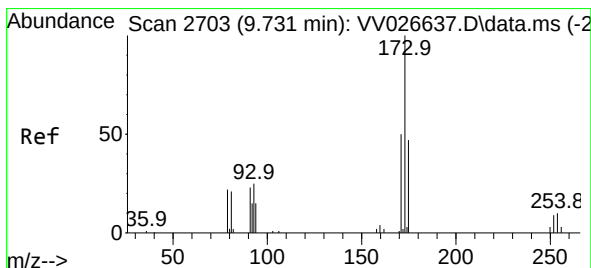
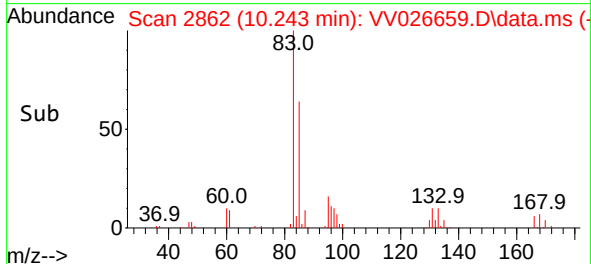
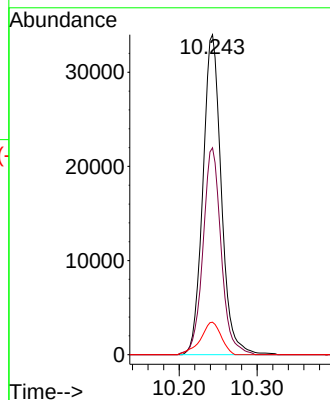
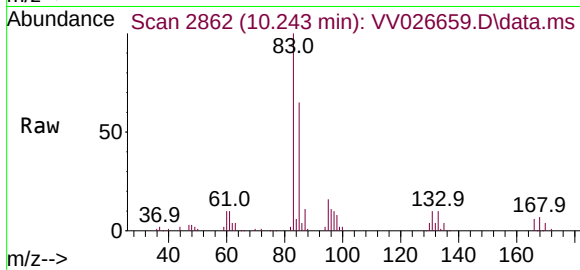




#57
1,1,2,2-Tetrachloroethane
Concen: 5.645 ug/L
RT: 10.243 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

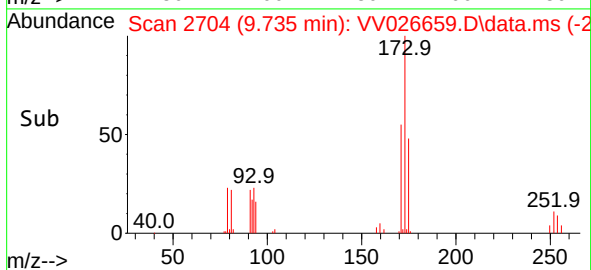
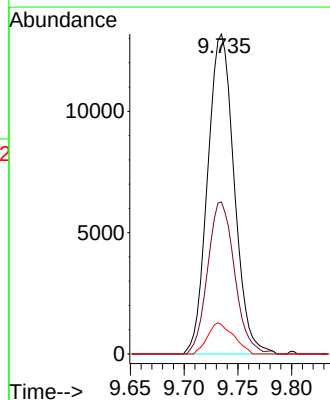
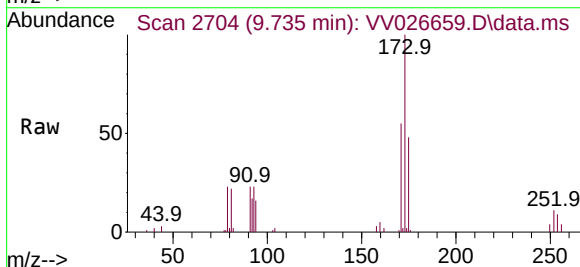
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

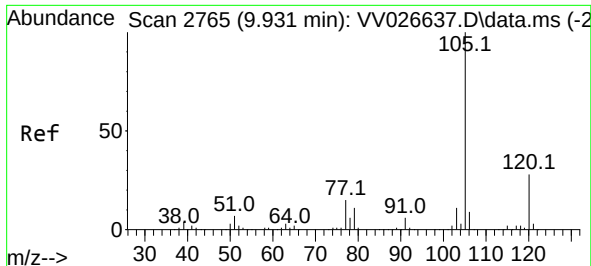
Tgt Ion: 83 Resp: 55809
Ion Ratio Lower Upper
83 100
85 64.7 44.3 82.3
131 10.1 8.0 12.0



#59
Bromoform
Concen: 5.796 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

Tgt Ion: 173 Resp: 22628
Ion Ratio Lower Upper
173 100
175 48.3 37.9 56.9
254 9.5 6.3 9.5

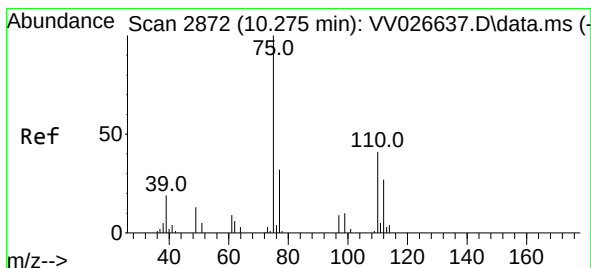
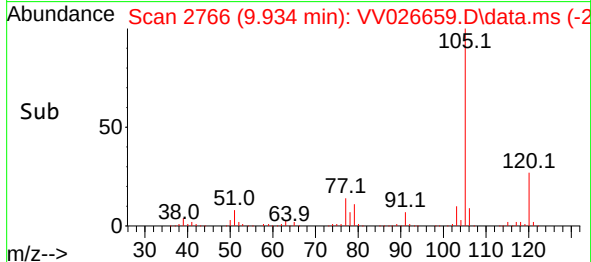
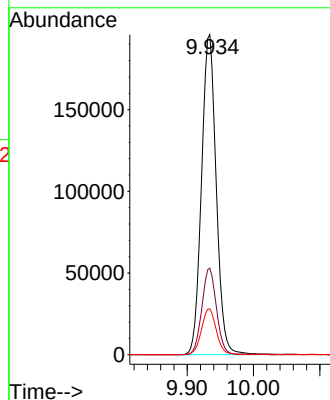
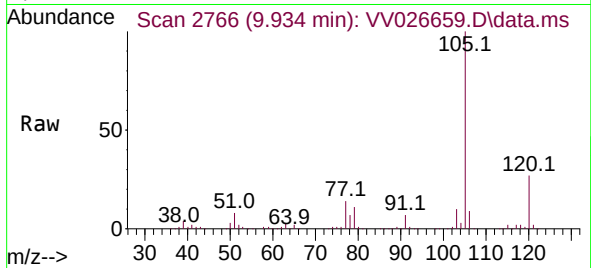




#60
Isopropylbenzene
Concen: 4.631 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

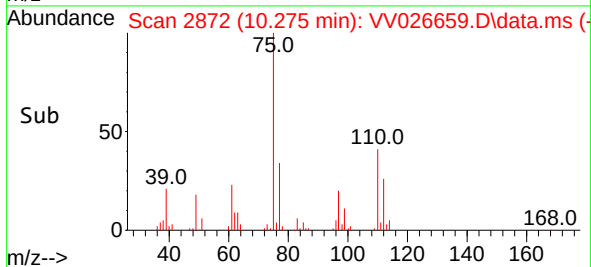
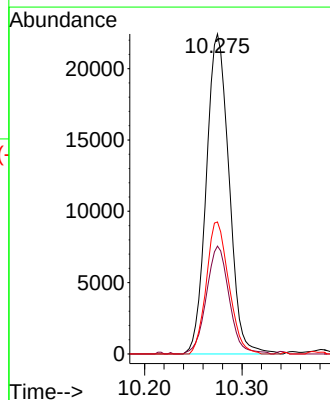
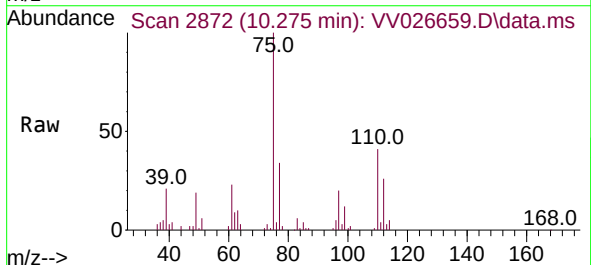
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

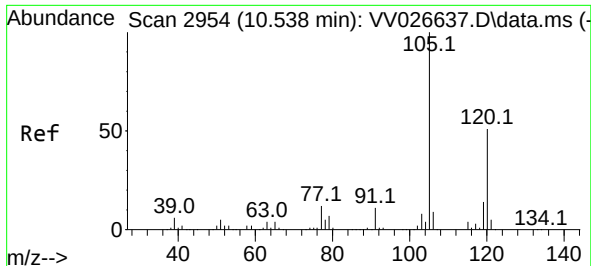
Tgt Ion:105 Resp: 302568
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.2
77 14.5 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 5.284 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

Tgt Ion: 75 Resp: 36250
Ion Ratio Lower Upper
75 100
77 33.8 25.8 38.6
110 40.8 32.5 48.7

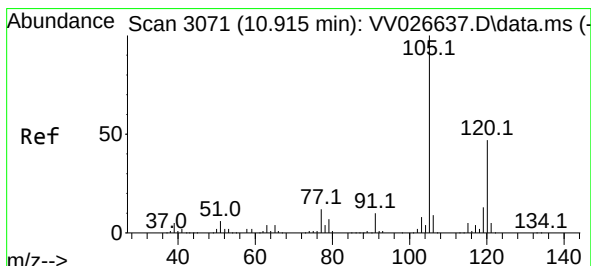
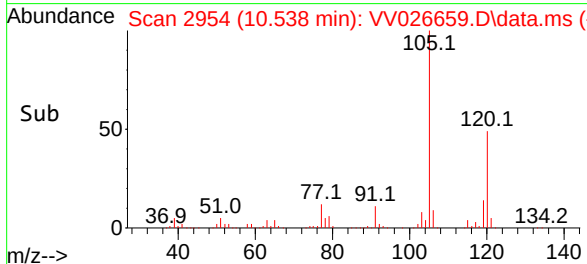
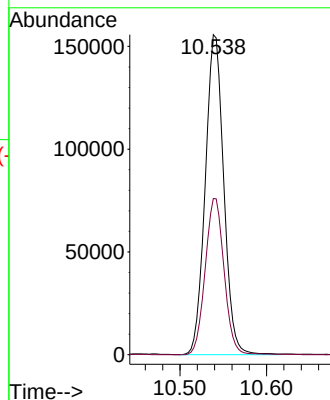
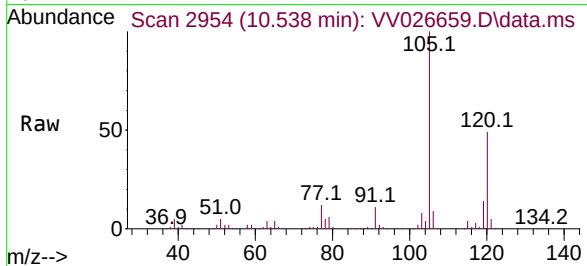




#62
 1,3,5-Trimethylbenzene
 Concen: 4.476 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV026659.D
 Acq: 05 Jul 2022 20:43

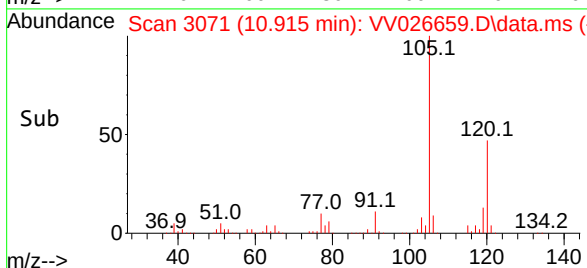
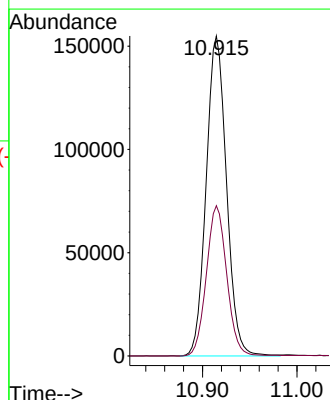
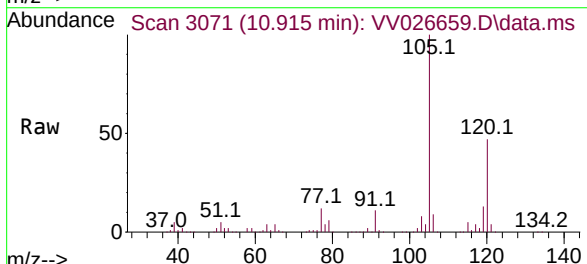
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005343

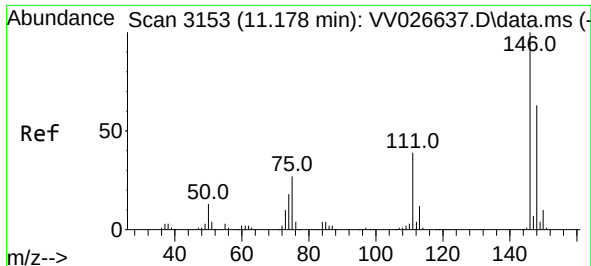
Tgt Ion:105 Resp: 231179
 Ion Ratio Lower Upper
 105 100
 120 49.8 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.537 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV026659.D
 Acq: 05 Jul 2022 20:43

Tgt Ion:105 Resp: 231072
 Ion Ratio Lower Upper
 105 100
 120 47.4 37.4 56.2

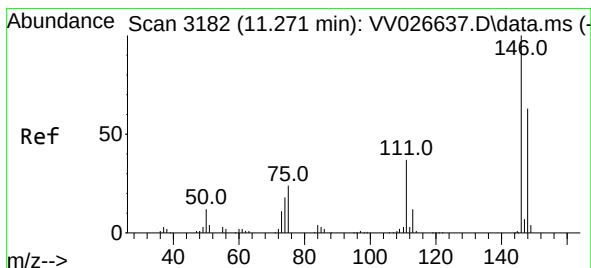
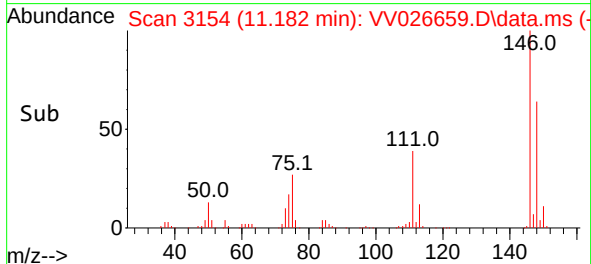
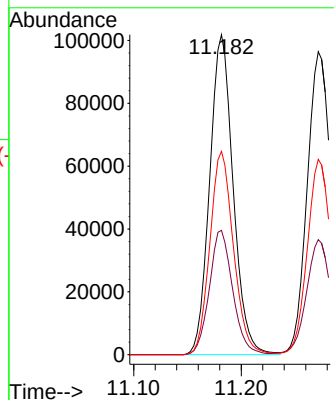
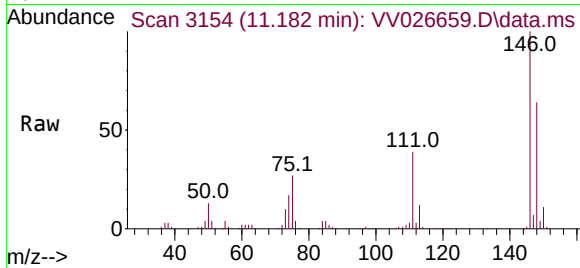




#64
1,3-Dichlorobenzene
Concen: 4.857 ug/L
RT: 11.182 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

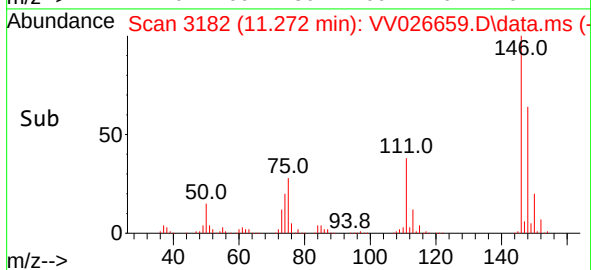
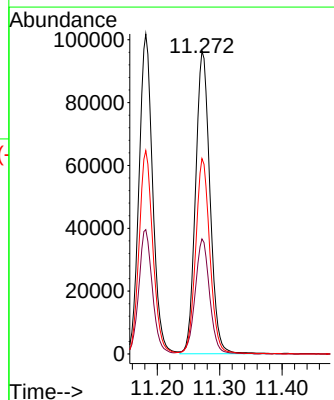
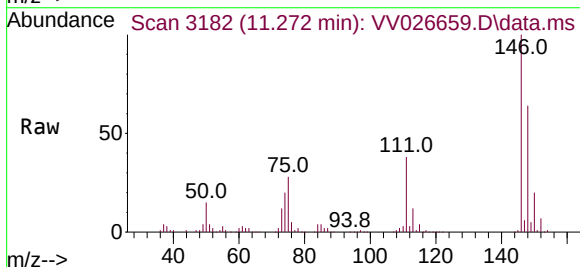
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

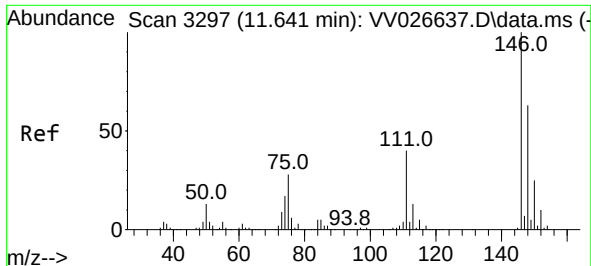
Tgt Ion:146 Resp: 154365
Ion Ratio Lower Upper
146 100
111 38.8 27.9 51.7
148 63.6 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.898 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

Tgt Ion:146 Resp: 154582
Ion Ratio Lower Upper
146 100
111 38.0 26.5 49.3
148 64.5 43.7 81.1

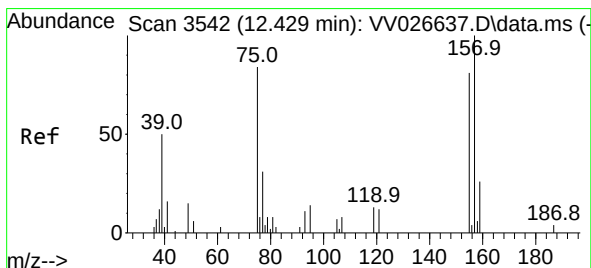
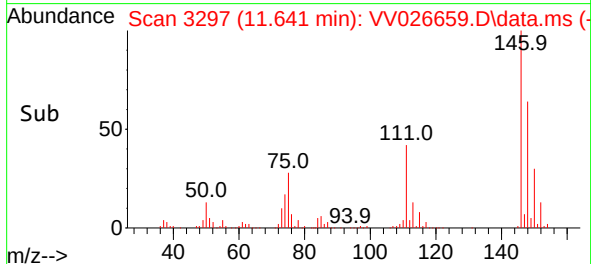
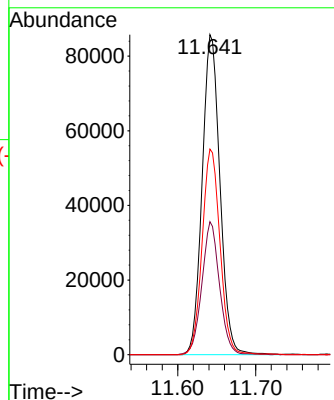
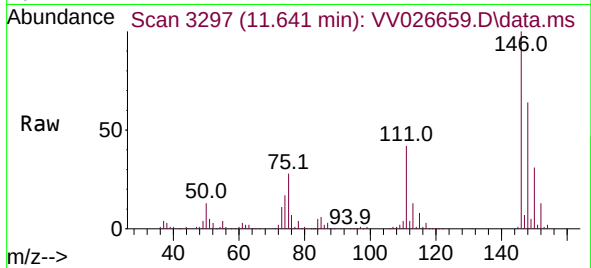




#67
1,2-Dichlorobenzene
Concen: 5.024 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

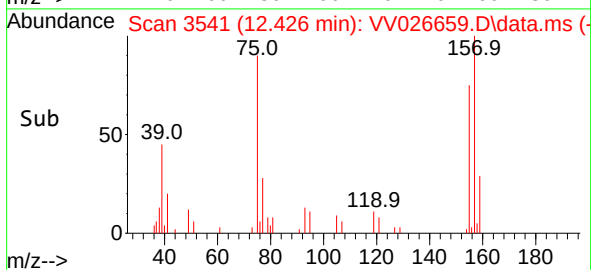
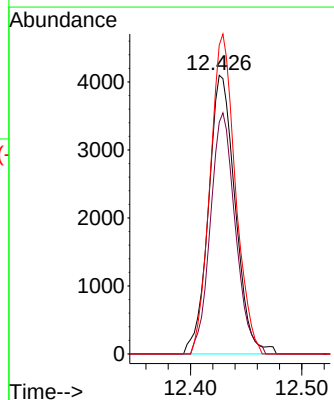
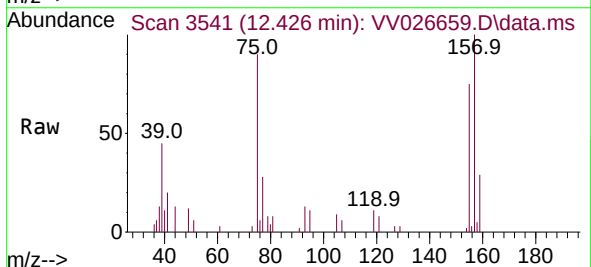
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

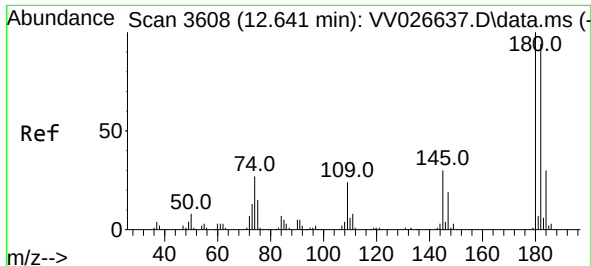
Tgt Ion:146 Resp: 135866
Ion Ratio Lower Upper
146 100
111 41.5 32.8 49.2
148 64.3 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.562 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

Tgt Ion: 75 Resp: 6844
Ion Ratio Lower Upper
75 100
155 83.1 74.7 112.1
157 110.8 96.9 145.3





#69

1,3,5-Trichlorobenzene

Concen: 4.740 ug/L

RT: 12.645 min Scan# 3608

Delta R.T. 0.003 min

Lab File: VV026659.D

Acq: 05 Jul 2022 20:43

Instrument :

MSVOA_V

ClientSampleId :

VSTD005343

Tgt Ion:180 Resp: 108314

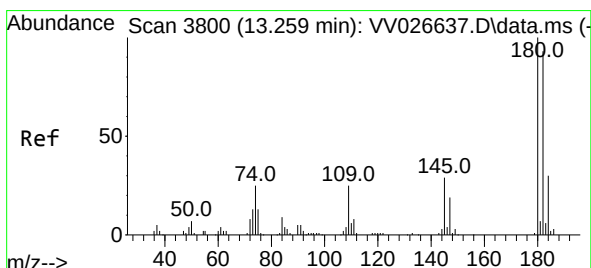
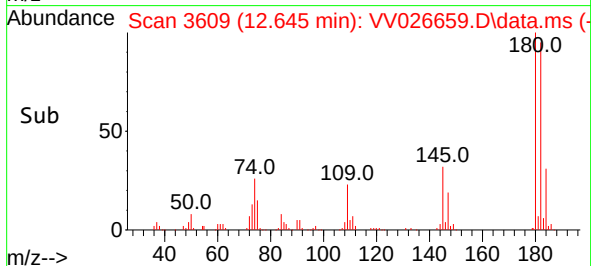
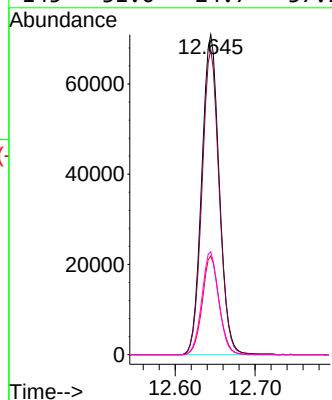
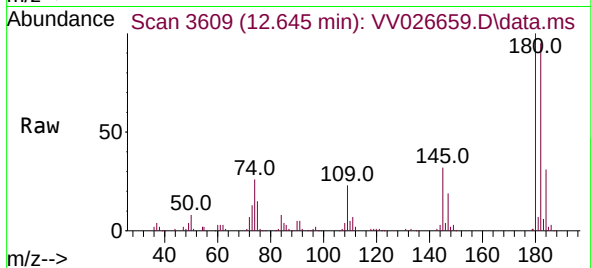
Ion Ratio Lower Upper

180 100

182 94.1 76.6 115.0

184 29.7 24.1 36.1

145 31.0 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 4.749 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV026659.D

Acq: 05 Jul 2022 20:43

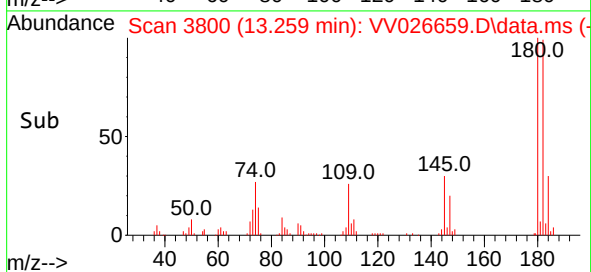
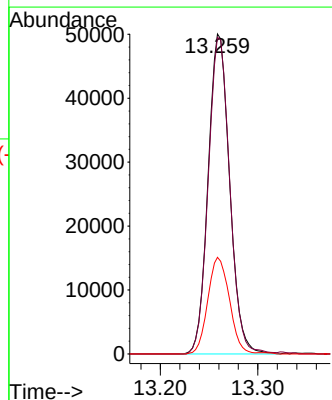
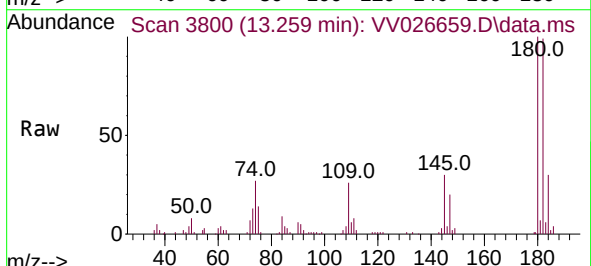
Tgt Ion:180 Resp: 76639

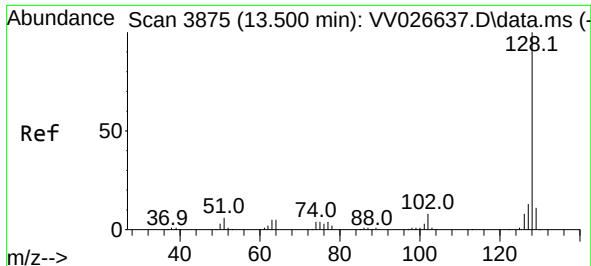
Ion Ratio Lower Upper

180 100

182 98.9 75.2 112.8

145 30.3 24.4 36.6

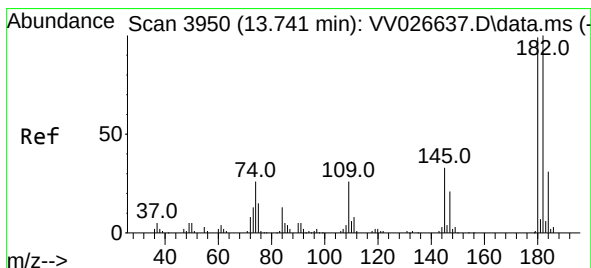
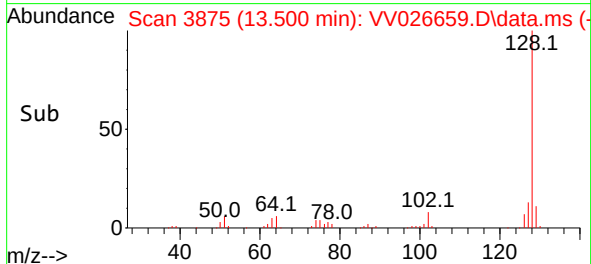
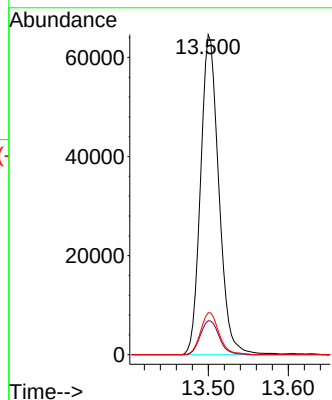
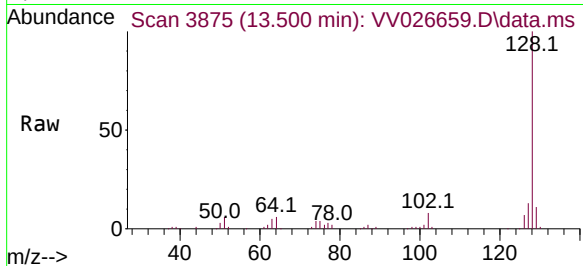




#71
Naphthalene
Concen: 4.870 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

Tgt Ion:128 Resp: 102519
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.086 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026659.D
Acq: 05 Jul 2022 20:43

Tgt Ion:180 Resp: 67174
Ion Ratio Lower Upper
180 100
182 95.6 76.8 115.2
145 32.2 25.8 38.6

