

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070622\
 Data File : VW026667.D
 Acq On : 06 Jul 2022 16:19
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005344

Quant Time: Jul 07 01:18:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 07 01:16:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	204470	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	196304	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	105728	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	70134	4.265	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.581	69	58838	4.454	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.121	63	127897	4.377	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	3.921	46	85852	52.514	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.020%
24) Chloroform-d	4.355	84	123219	4.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.040	65	47591	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.053	84	235576	4.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.072	67	66712	4.303	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.313	98	221591	4.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	7.625	79	20063	5.006	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.092	63	67171	44.001	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.000%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	47873	4.720	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	70157	4.010	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.147	85	67527	4.337	ug/L	100
3) Chloromethane	1.256	50	71934	4.225	ug/L	100
5) Vinyl chloride	1.323	62	81679	4.505	ug/L	98
6) Bromomethane	1.536	94	44005	4.484	ug/L	95
8) Chloroethane	1.597	64	55535	4.504	ug/L	97
9) Trichlorofluoromethane	1.764	101	123351	4.879	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	75968	5.071	ug/L	99
12) 1,1-Dichloroethene	2.130	96	65838	4.767	ug/L	92
13) Acetone	2.211	43	74640	71.967	ug/L	90
14) Carbon disulfide	2.304	76	157777	4.330	ug/L	98
15) Methyl Acetate	2.458	43	17313	5.789	ug/L	98
16) Methylene chloride	2.519	84	96454	6.579	ug/L	96
17) Methyl tert-butyl Ether	2.786	73	110369	4.903	ug/L	99
18) trans-1,2-Dichloroethene	2.770	96	65548	4.652	ug/L	95
19) 1,1-Dichloroethane	3.201	63	123524	4.882	ug/L	99
21) 2-Butanone	4.002	43	89147	57.137	ug/L	91
22) cis-1,2-Dichloroethene	3.921	96	67435	4.820	ug/L	94
23) Bromochloromethane	4.259	128	31211	5.417	ug/L	91
25) Chloroform	4.381	83	135709	5.014	ug/L	98

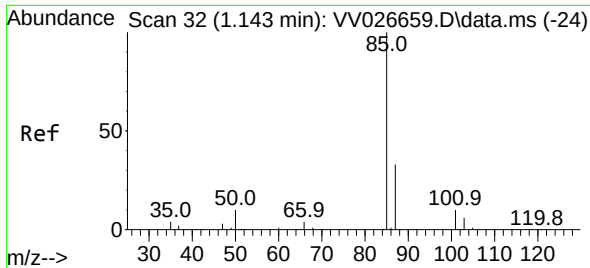
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	62665	5.202	ug/L	95
29) 1,1,1-Trichloroethane	4.616	97	116708	4.831	ug/L	99
30) Cyclohexane	4.683	56	75381	3.941	ug/L	98
31) Carbon tetrachloride	4.834	117	101494	5.009	ug/L	100
33) Benzene	5.105	78	271686	4.740	ug/L	100
34) Trichloroethene	5.918	95	67707	4.493	ug/L	97
35) Methylcyclohexane	6.133	83	90530	4.061	ug/L	98
37) 1,2-Dichloropropane	6.175	63	67780	4.906	ug/L	100
38) Bromodichloromethane	6.510	83	83608	5.127	ug/L	96
39) cis-1,3-Dichloropropene	7.031	75	71728	5.166	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	249610	53.492	ug/L	98
42) Toluene	7.387	91	293918	4.967	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	58622	5.676	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	46498	5.338	ug/L	99
47) Tetrachloroethene	7.973	164	58360	4.865	ug/L	97
48) 2-Hexanone	8.140	43	184800	56.893	ug/L	99
49) Dibromochloromethane	8.246	129	51620	5.852	ug/L	100
50) 1,2-Dibromoethane	8.352	107	39726	5.129	ug/L	98
51) Chlorobenzene	8.879	112	186839	4.820	ug/L	97
52) Ethylbenzene	9.011	91	277485	4.534	ug/L	99
53) m,p-Xylene	9.137	106	113660	4.761	ug/L	96
54) o-Xylene	9.542	106	104367	4.658	ug/L	97
55) Styrene	9.558	104	187851	5.061	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	53010	5.449	ug/L	100
59) Bromoform	9.728	173	22388	5.746	ug/L #	96
60) Isopropylbenzene	9.931	105	283665	4.350	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	35370	5.167	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	210286	4.080	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	216279	4.255	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	149394	4.710	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	145876	4.632	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	130732	4.844	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6011	4.895	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	102422	4.491	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	72668	4.513	ug/L	99
71) Naphthalene	13.500	128	91325	4.347	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	61418	4.660	ug/L	100

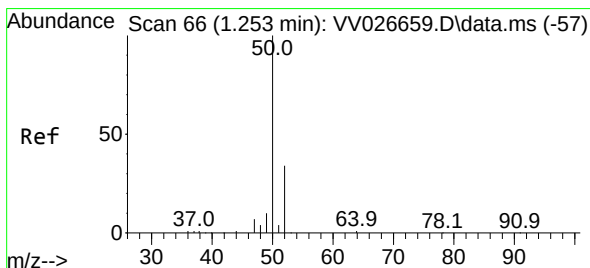
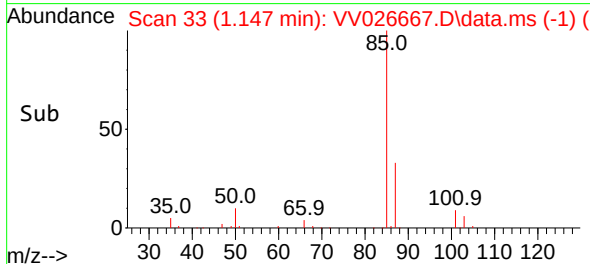
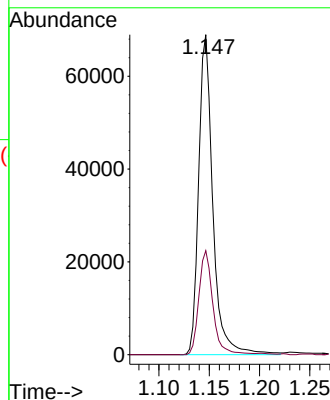
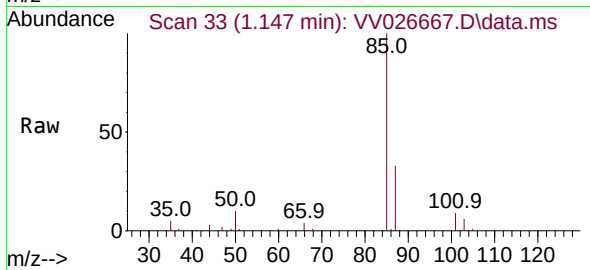
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.337 ug/L
 RT: 1.147 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV026667.D
 Acq: 06 Jul 2022 16:19

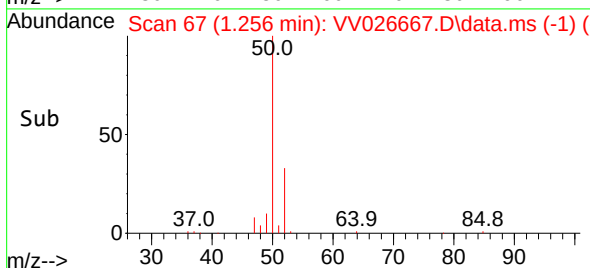
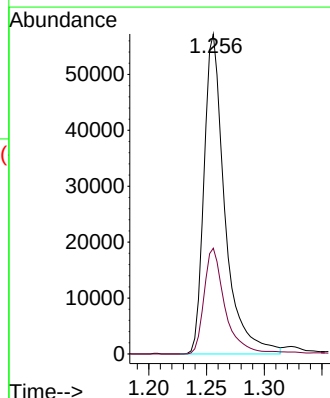
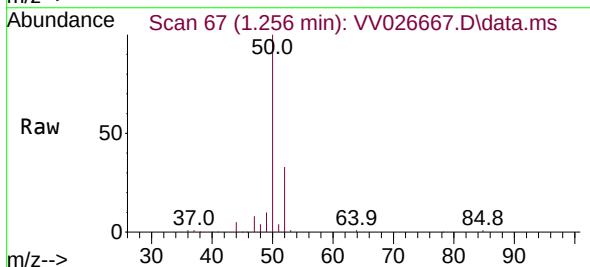
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005344

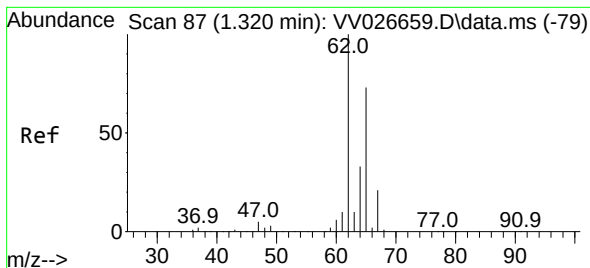
Tgt Ion: 85 Resp: 67527
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.6 38.4



#3
 Chloromethane
 Concen: 4.225 ug/L
 RT: 1.256 min Scan# 67
 Delta R.T. 0.003 min
 Lab File: VV026667.D
 Acq: 06 Jul 2022 16:19

Tgt Ion: 50 Resp: 71934
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.0 42.6





#5

Vinyl chloride

Concen: 4.505 ug/L

RT: 1.323 min Scan# 87

Delta R.T. 0.003 min

Lab File: VV026667.D

Acq: 06 Jul 2022 16:19

Instrument :

MSVOA_V

ClientSampleId :

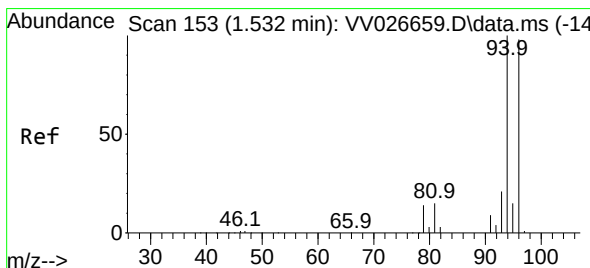
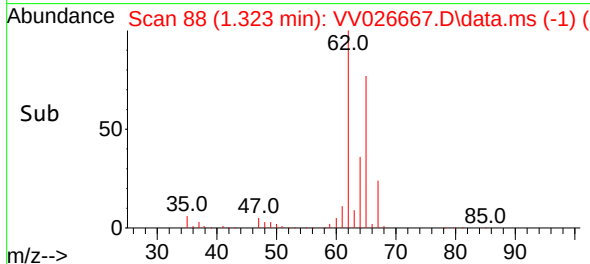
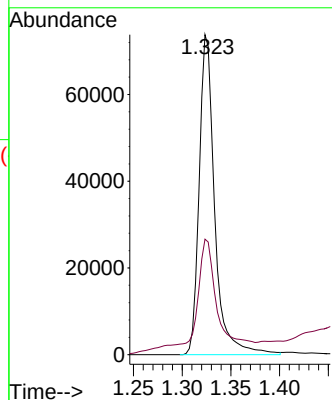
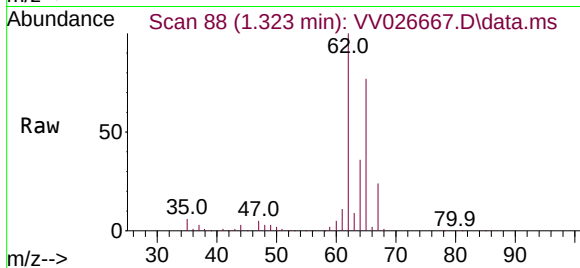
VSTD005344

Tgt Ion: 62 Resp: 81679

Ion Ratio Lower Upper

62 100

64 36.1 26.2 48.6



#6

Bromomethane

Concen: 4.484 ug/L

RT: 1.536 min Scan# 154

Delta R.T. 0.003 min

Lab File: VV026667.D

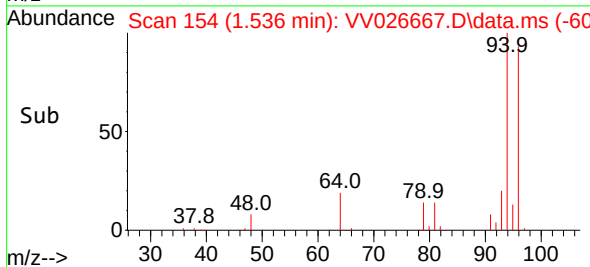
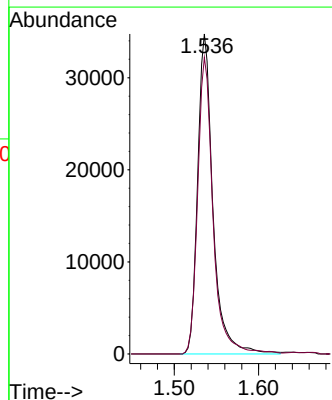
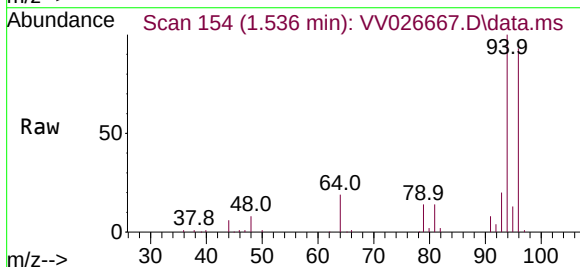
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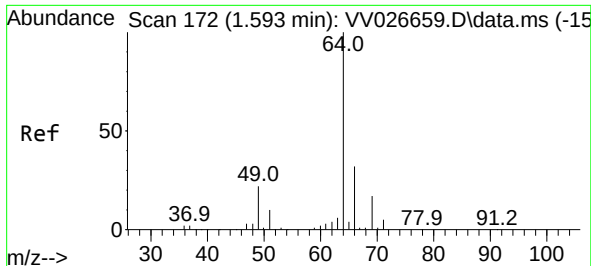
Tgt Ion: 94 Resp: 44005

Ion Ratio Lower Upper

94 100

96 92.6 68.0 126.2

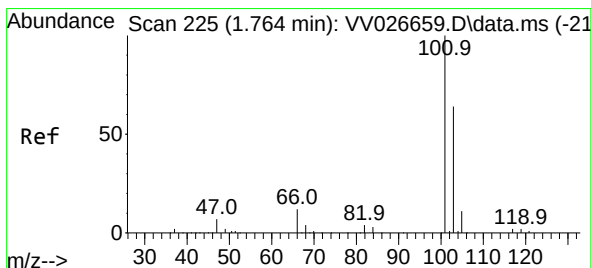
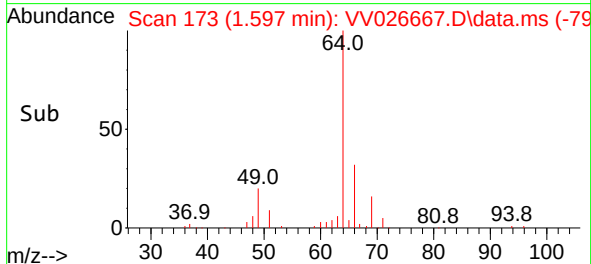
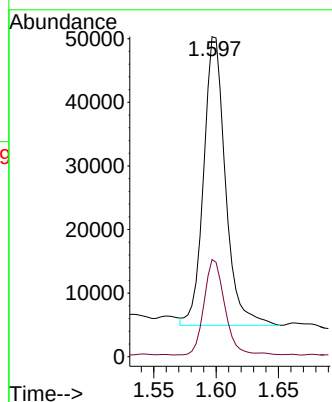
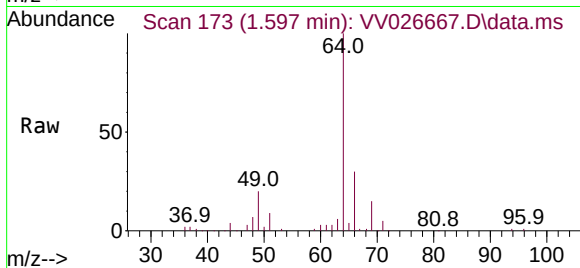




#8
Chloroethane
Concen: 4.504 ug/L
RT: 1.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

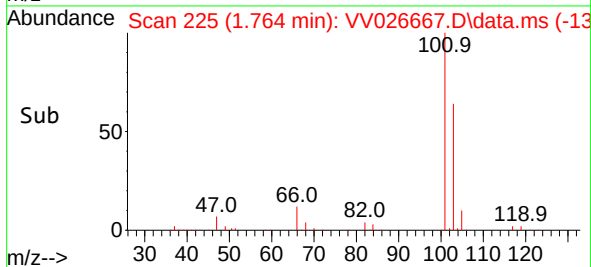
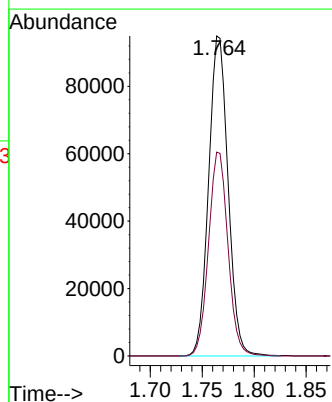
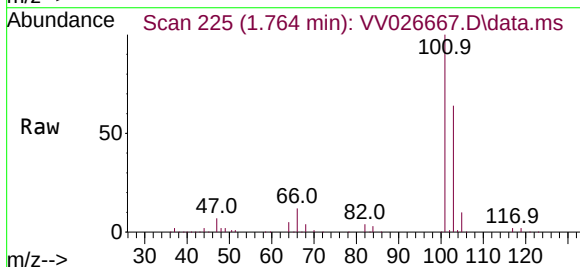
Instrument :
MSVOA_V
ClientSampleId :
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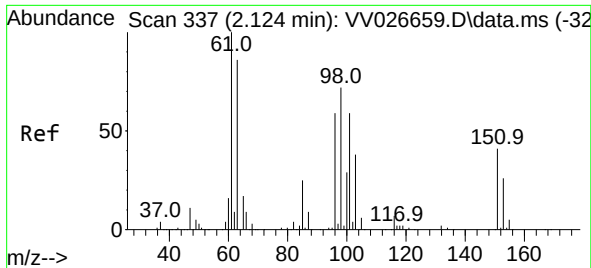
Tgt Ion: 64 Resp: 55535
Ion Ratio Lower Upper
64 100
66 30.4 20.0 37.2



#9
Trichlorofluoromethane
Concen: 4.879 ug/L
RT: 1.764 min Scan# 225
Delta R.T. 0.000 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

Tgt Ion: 101 Resp: 123351
Ion Ratio Lower Upper
101 100
103 63.7 52.2 78.4

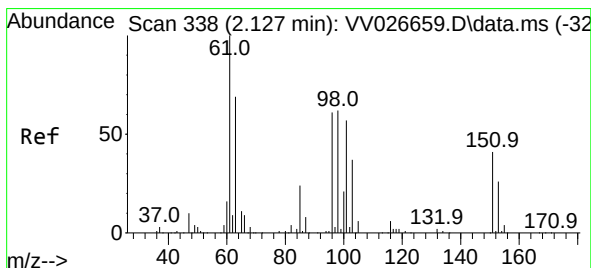
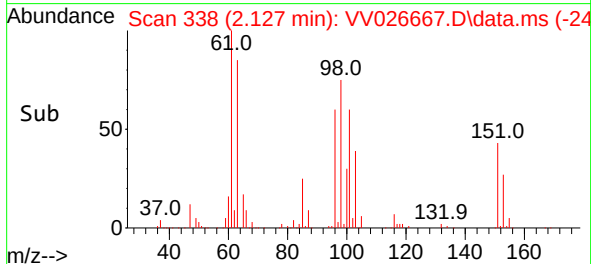
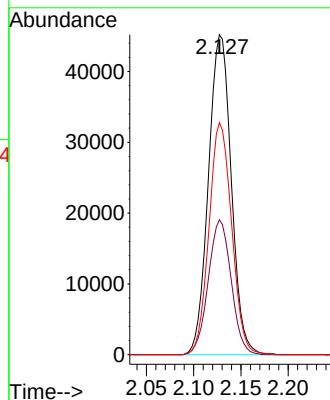
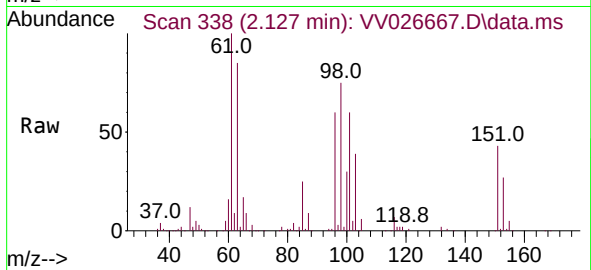




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.071 ug/L
RT: 2.127 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

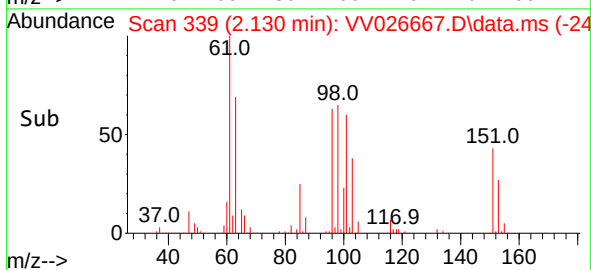
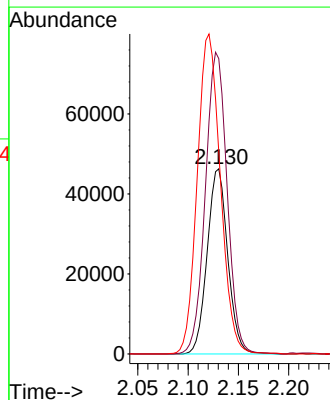
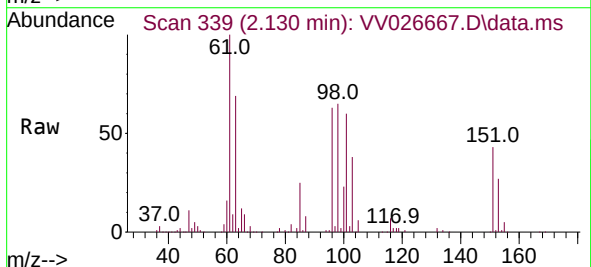
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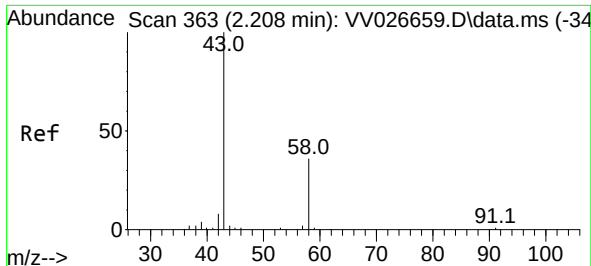
Tgt Ion:101 Resp: 75968
Ion Ratio Lower Upper
101 100
85 42.2 34.2 51.4
151 72.1 56.8 85.2



#12
1,1-Dichloroethene
Concen: 4.767 ug/L
RT: 2.130 min Scan# 339
Delta R.T. 0.003 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

Tgt Ion: 96 Resp: 65838
Ion Ratio Lower Upper
96 100
61 159.6 115.4 214.4
63 109.4 87.4 162.2





#13

Acetone

Concen: 71.967 ug/L

RT: 2.211 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV026667.D

Acq: 06 Jul 2022 16:19

Instrument :

MSVOA_V

ClientSampleId :

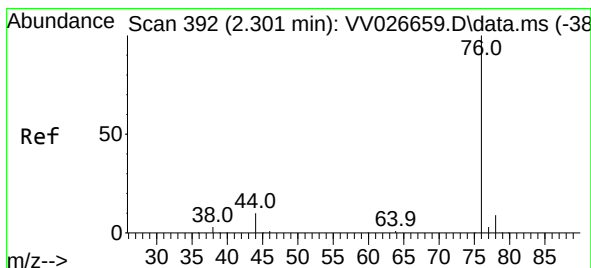
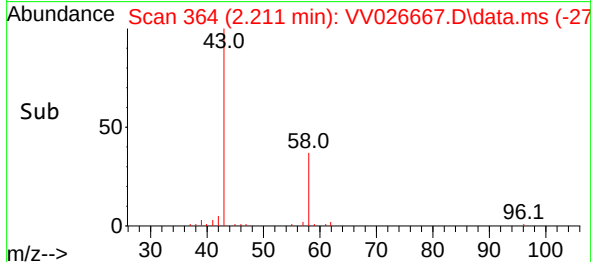
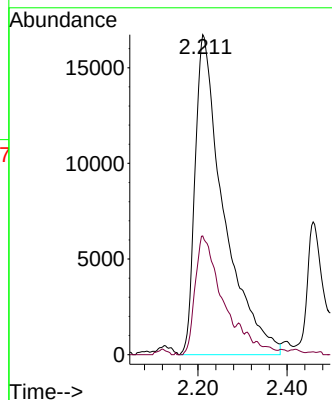
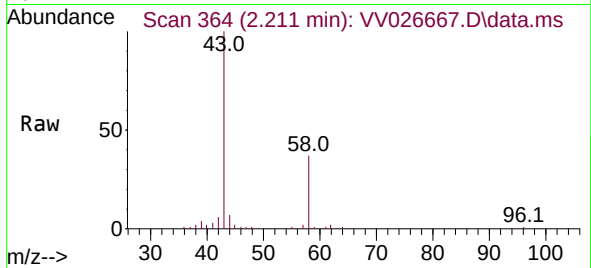
VSTD005344

Tgt Ion: 43 Resp: 74640

Ion Ratio Lower Upper

43 100

58 31.3 0.0 75.0



#14

Carbon disulfide

Concen: 4.330 ug/L

RT: 2.304 min Scan# 393

Delta R.T. 0.003 min

Lab File: VV026667.D

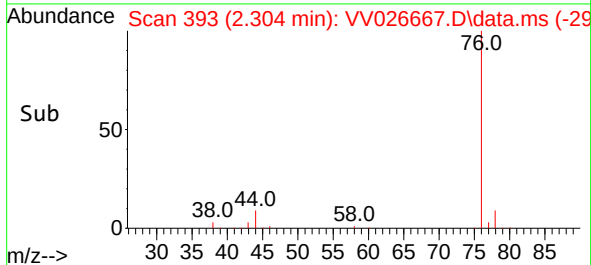
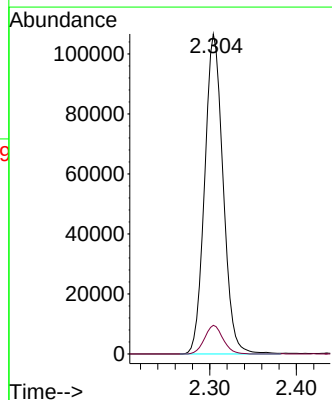
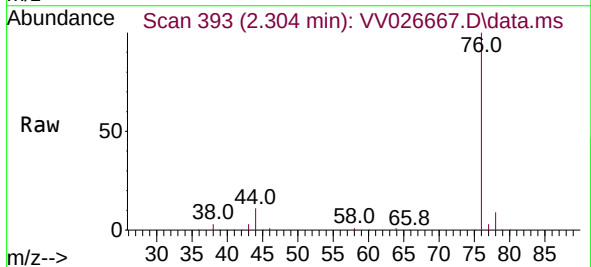
Acq: 06 Jul 2022 16:19

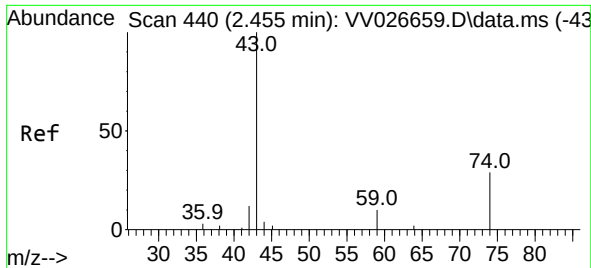
Tgt Ion: 76 Resp: 157777

Ion Ratio Lower Upper

76 100

78 9.0 7.8 11.6

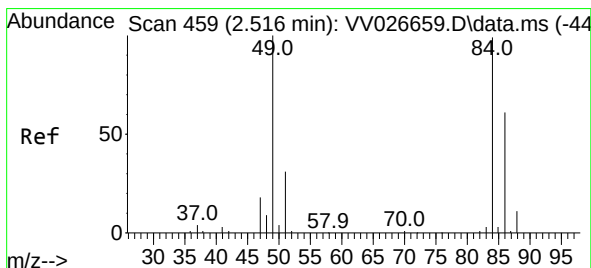
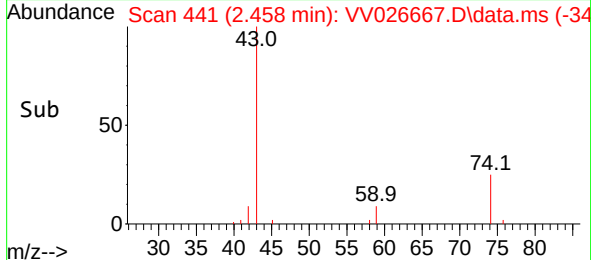
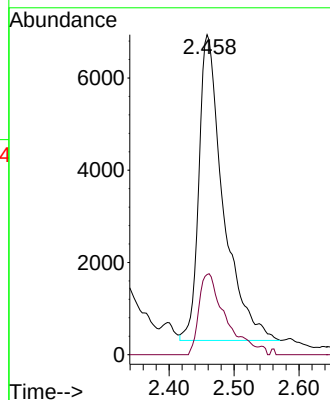
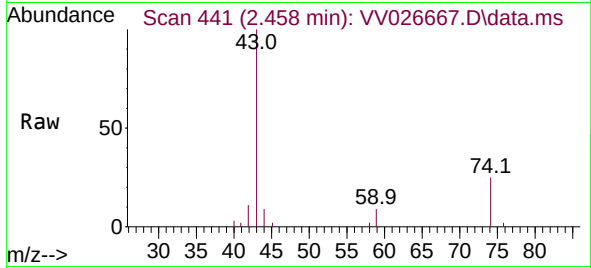




#15
Methyl Acetate
Concen: 5.789 ug/L
RT: 2.458 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

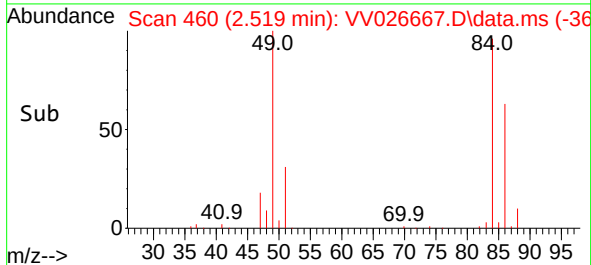
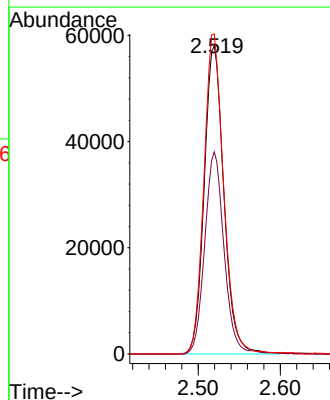
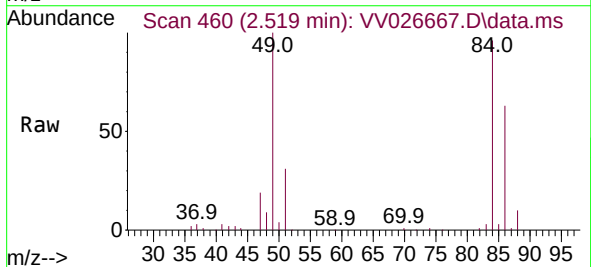
Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

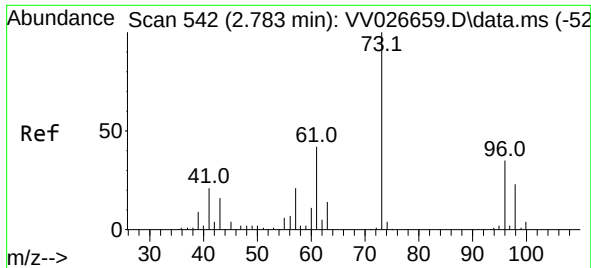
Tgt Ion: 43 Resp: 17313
Ion Ratio Lower Upper
43 100
74 28.6 22.1 33.1



#16
Methylene chloride
Concen: 6.579 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.003 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

Tgt Ion: 84 Resp: 96454
Ion Ratio Lower Upper
84 100
86 65.6 46.0 85.4
49 103.8 77.7 144.3

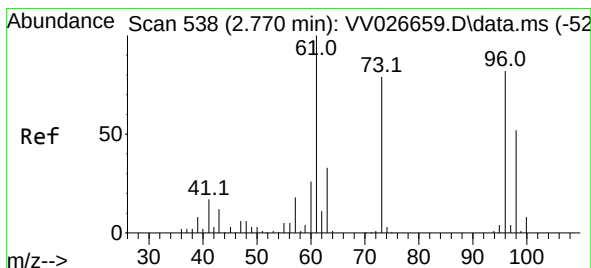
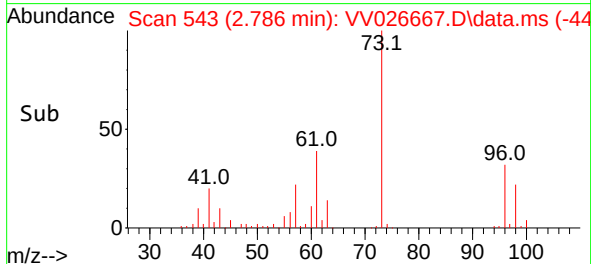
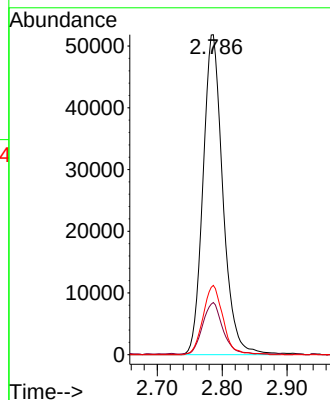
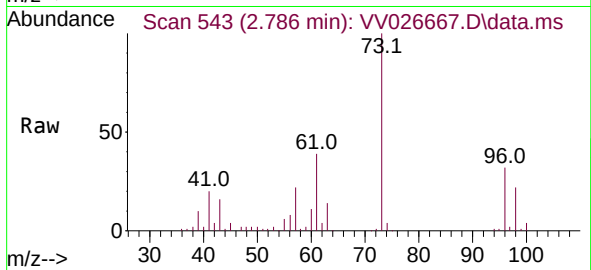




#17
Methyl tert-butyl Ether
Concen: 4.903 ug/L
RT: 2.786 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

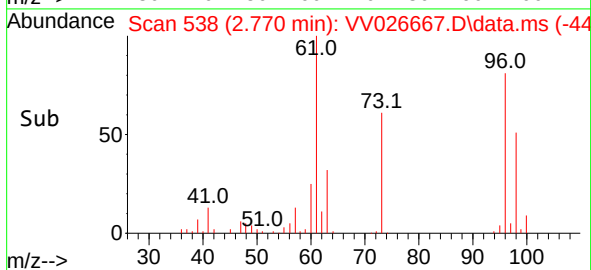
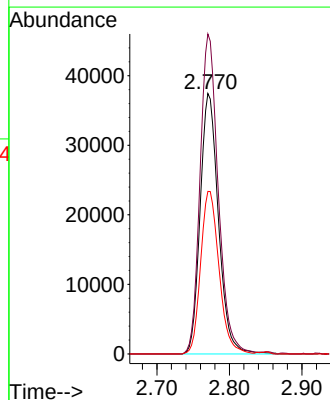
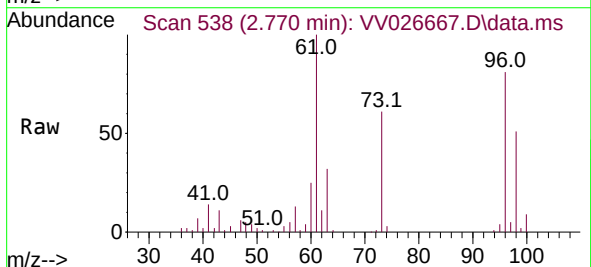
Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

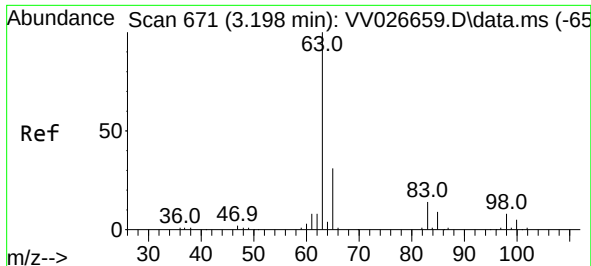
Tgt Ion: 73 Resp: 110369
Ion Ratio Lower Upper
73 100
43 16.2 13.3 19.9
57 21.6 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 4.652 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

Tgt Ion: 96 Resp: 65548
Ion Ratio Lower Upper
96 100
61 122.8 90.4 167.8
98 62.4 45.6 84.8





#19

1,1-Dichloroethane

Concen: 4.882 ug/L

RT: 3.201 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV026667.D

Acq: 06 Jul 2022 16:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD005344

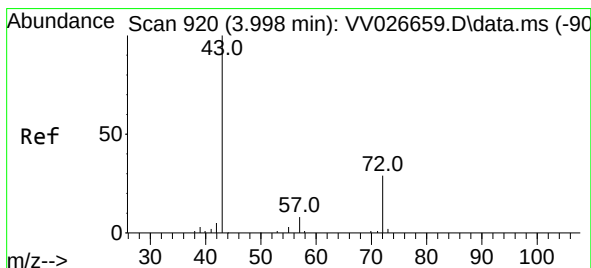
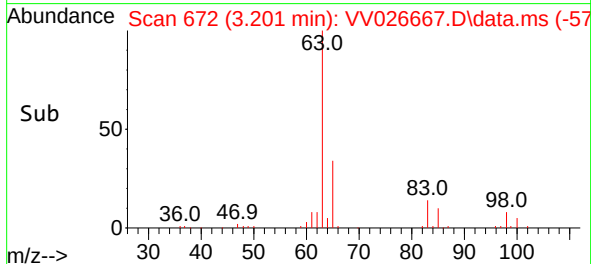
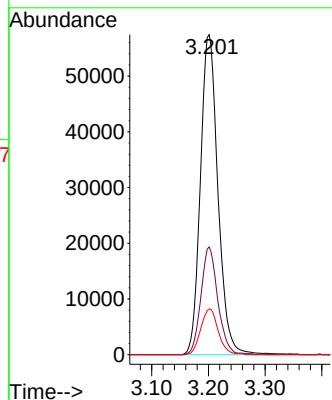
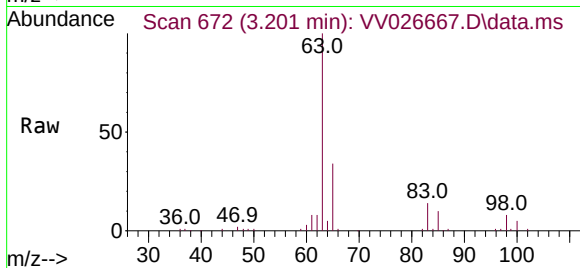
Tgt Ion: 63 Resp: 123524

Ion Ratio Lower Upper

63 100

65 33.6 23.0 42.6

83 14.3 10.2 19.0



#21

2-Butanone

Concen: 57.137 ug/L

RT: 4.002 min Scan# 921

Delta R.T. 0.003 min

Lab File: VV026667.D

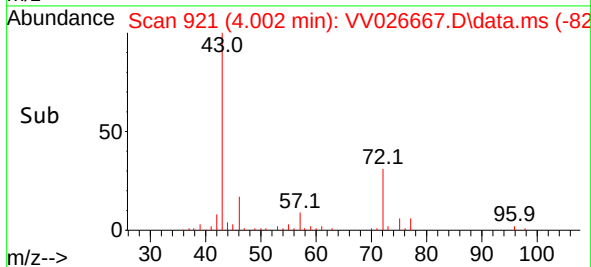
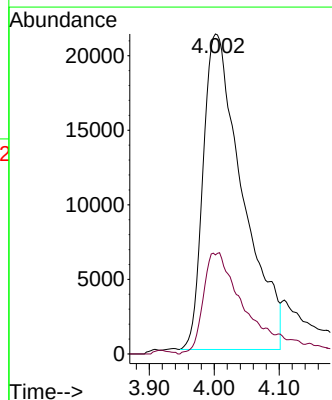
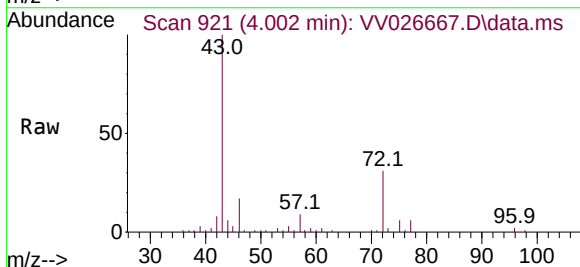
Acq: 06 Jul 2022 16:19

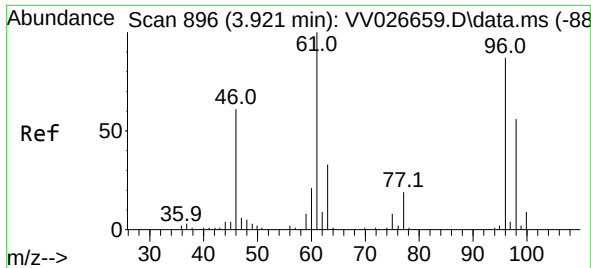
Tgt Ion: 43 Resp: 89147

Ion Ratio Lower Upper

43 100

72 31.6 13.5 40.5

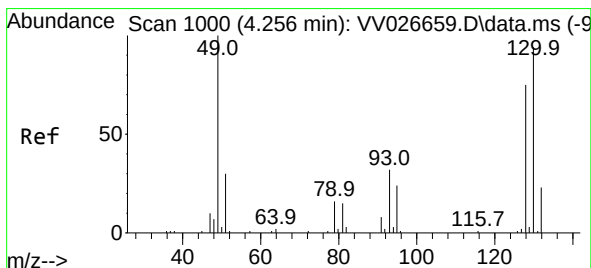
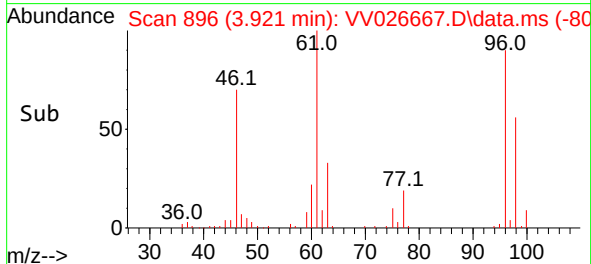
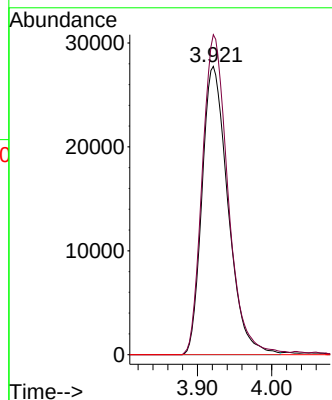
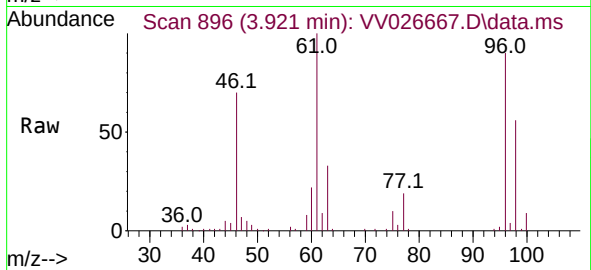




#22
cis-1,2-Dichloroethene
Concen: 4.820 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.000 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

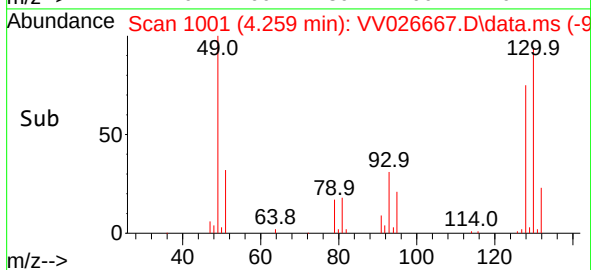
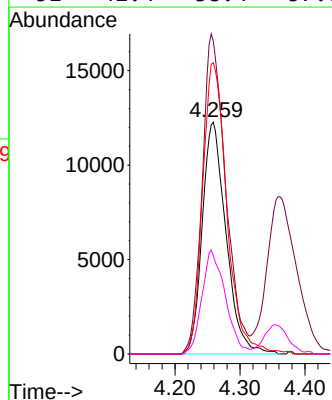
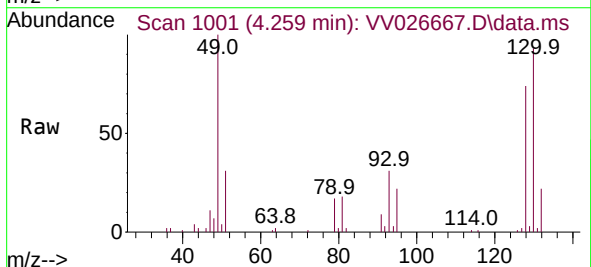
Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

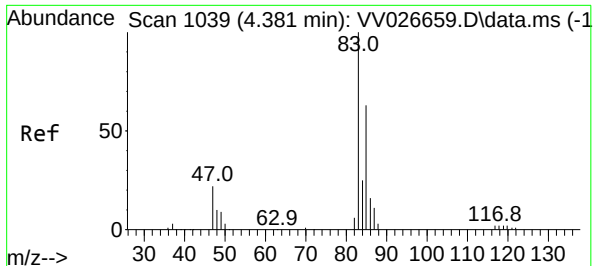
Tgt Ion: 96 Resp: 67435
Ion Ratio Lower Upper
96 100
61 111.0 82.0 152.2
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.417 ug/L
RT: 4.259 min Scan# 1001
Delta R.T. 0.003 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

Tgt Ion: 128 Resp: 31211
Ion Ratio Lower Upper
128 100
49 134.9 104.0 193.1
130 125.6 93.4 173.6
51 42.4 38.4 57.6





#25

Chloroform

Concen: 5.014 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VV026667.D

Acq: 06 Jul 2022 16:19

Instrument :

MSVOA_V

ClientSampleId :

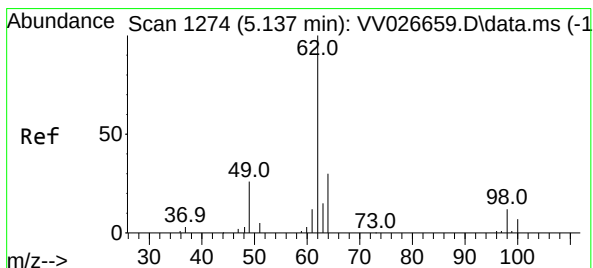
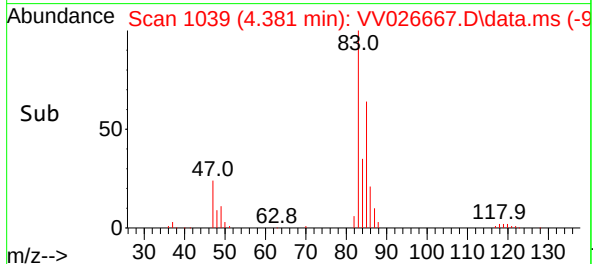
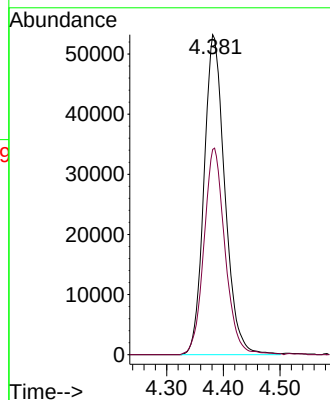
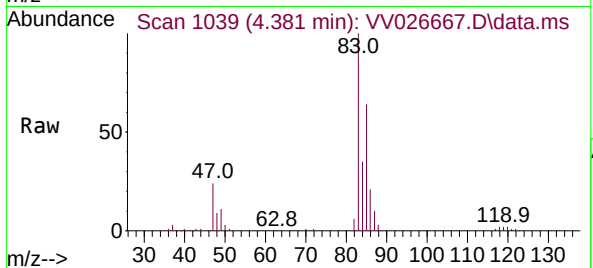
VSTD005344

Tgt Ion: 83 Resp: 135709

Ion Ratio Lower Upper

83 100

85 64.2 44.0 81.8



#27

1,2-Dichloroethane

Concen: 5.202 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.000 min

Lab File: VV026667.D

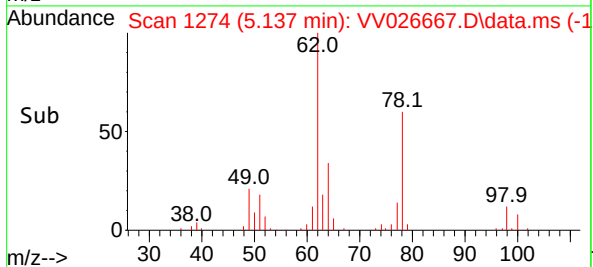
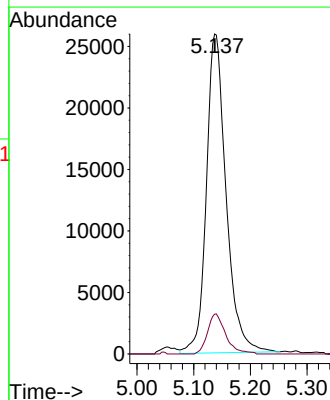
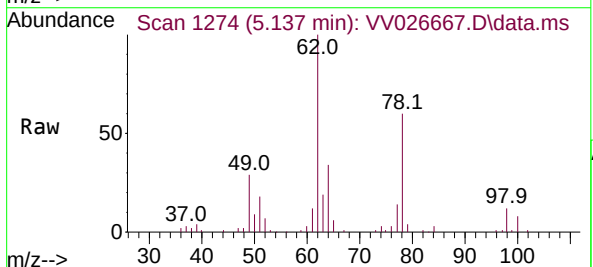
Acq: 06 Jul 2022 16:19

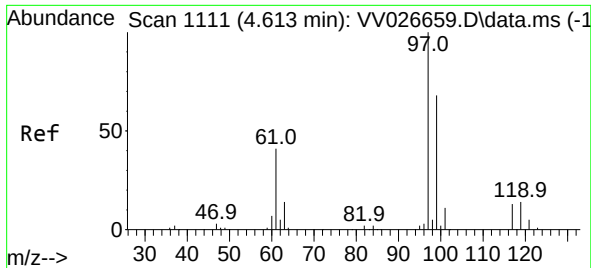
Tgt Ion: 62 Resp: 62665

Ion Ratio Lower Upper

62 100

98 12.5 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 4.831 ug/L

RT: 4.616 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV026667.D

Acq: 06 Jul 2022 16:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD005344

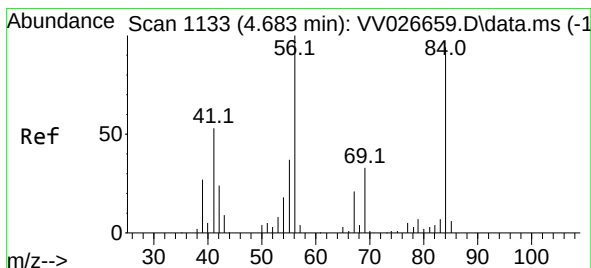
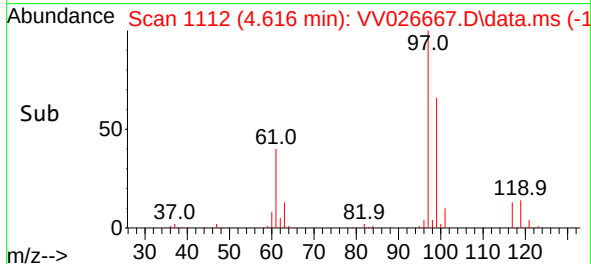
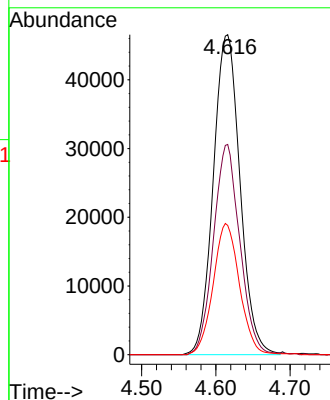
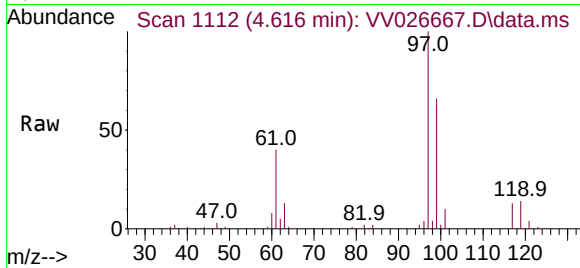
Tgt Ion: 97 Resp: 116708

Ion Ratio Lower Upper

97 100

99 64.7 51.0 76.4

61 40.4 33.0 49.4



#30

Cyclohexane

Concen: 3.941 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VV026667.D

Acq: 06 Jul 2022 16:19

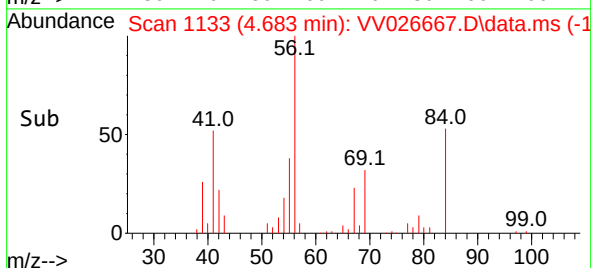
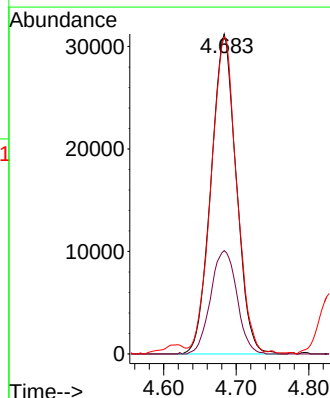
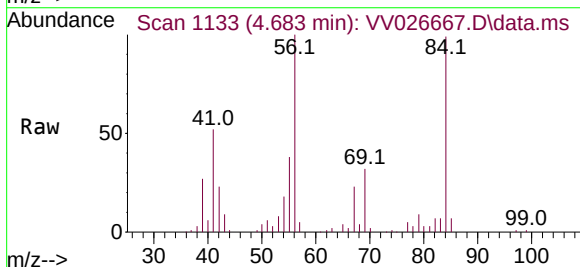
Tgt Ion: 56 Resp: 75381

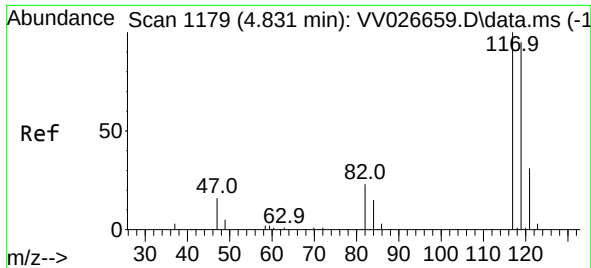
Ion Ratio Lower Upper

56 100

69 33.6 25.4 38.2

84 99.1 77.8 116.6

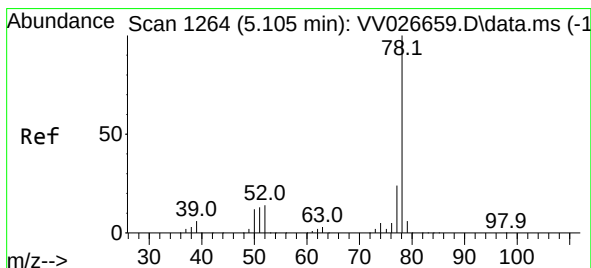
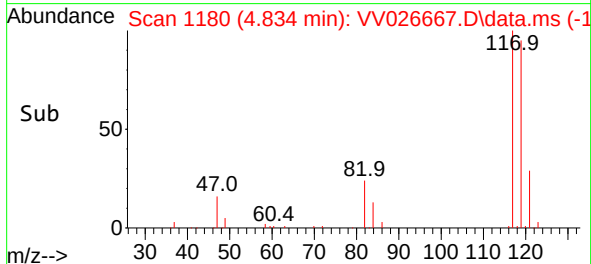
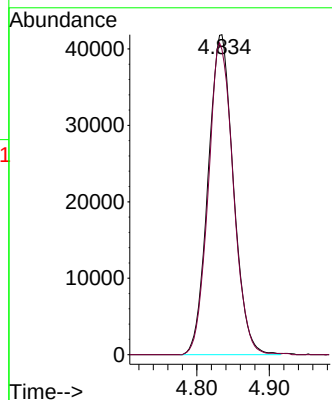
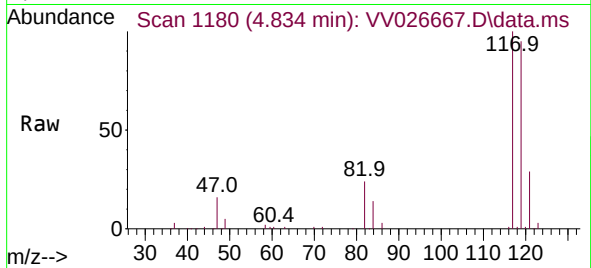




#31
Carbon tetrachloride
Concen: 5.009 ug/L
RT: 4.834 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

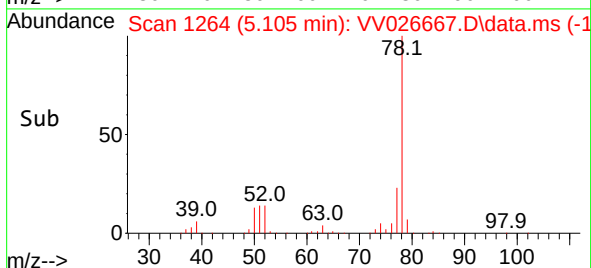
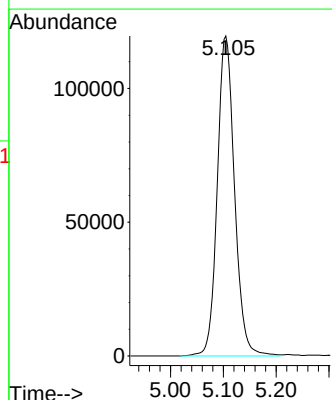
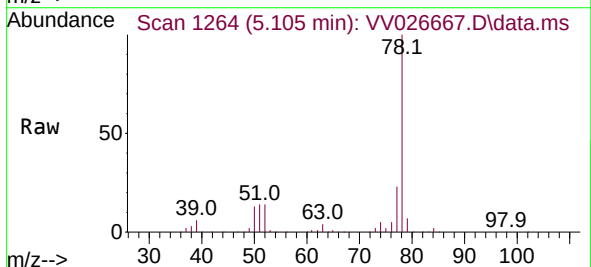
Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

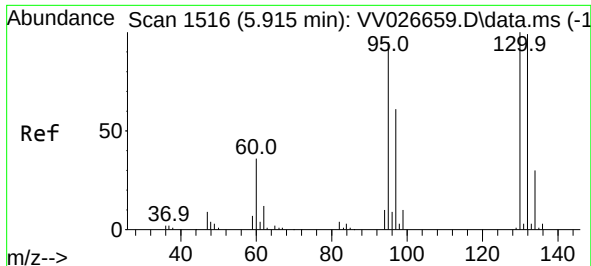
Tgt Ion:117 Resp: 101494
Ion Ratio Lower Upper
117 100
119 96.5 76.9 115.3



#33
Benzene
Concen: 4.740 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

Tgt Ion: 78 Resp: 271686

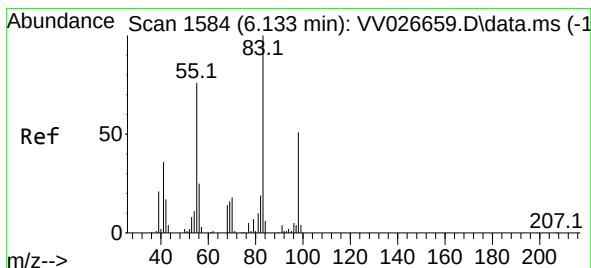
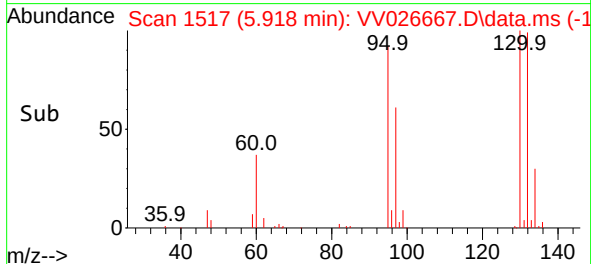
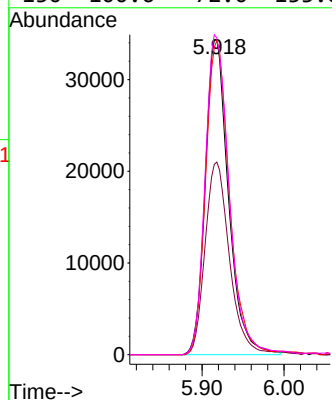
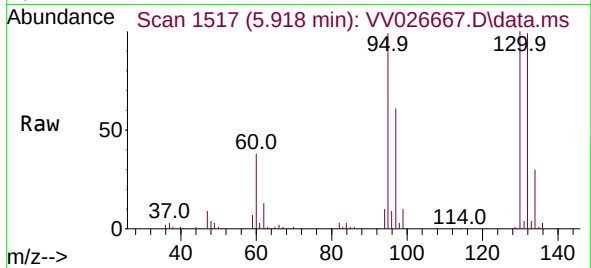




#34
 Trichloroethene
 Concen: 4.493 ug/L
 RT: 5.918 min Scan# 1516
 Delta R.T. 0.003 min
 Lab File: VV026667.D
 Acq: 06 Jul 2022 16:19

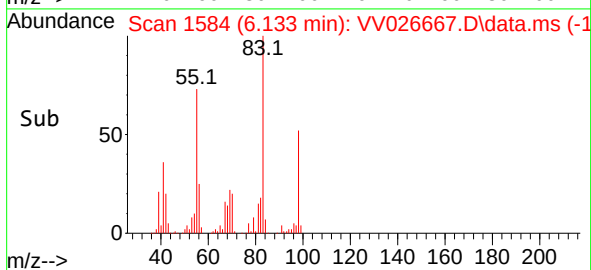
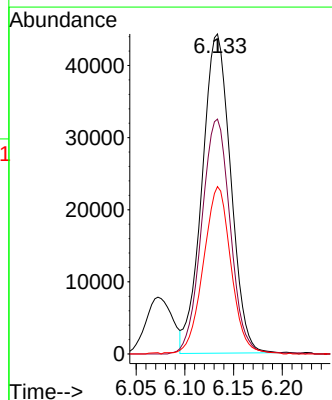
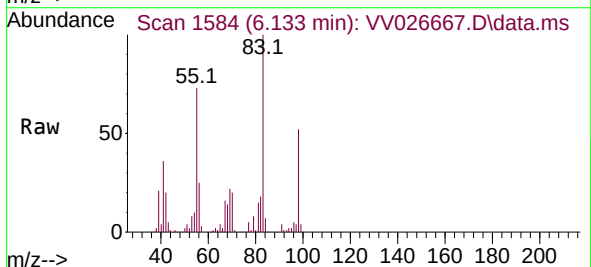
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005344

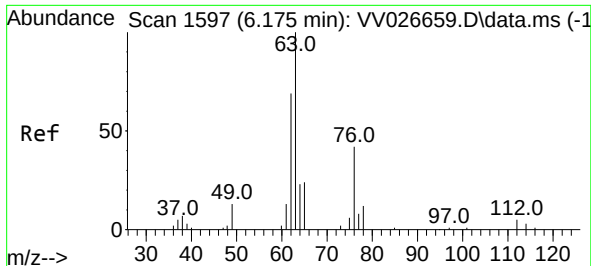
Tgt Ion: 95 Resp: 67707
 Ion Ratio Lower Upper
 95 100
 97 61.1 46.8 87.0
 132 99.7 69.9 129.7
 130 100.6 72.0 133.8



#35
 Methylcyclohexane
 Concen: 4.061 ug/L
 RT: 6.133 min Scan# 1584
 Delta R.T. 0.000 min
 Lab File: VV026667.D
 Acq: 06 Jul 2022 16:19

Tgt Ion: 83 Resp: 90530
 Ion Ratio Lower Upper
 83 100
 55 73.6 57.0 85.4
 98 50.8 39.8 59.8





#37

1,2-Dichloropropane

Concen: 4.906 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV026667.D

Acq: 06 Jul 2022 16:19

Instrument :

MSVOA_V

ClientSampleId :

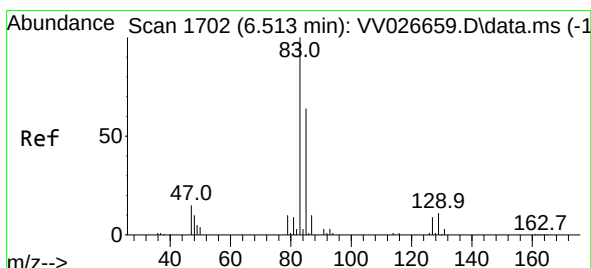
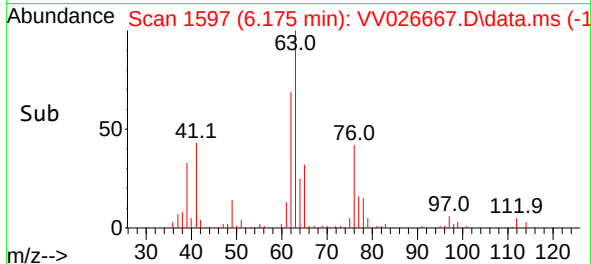
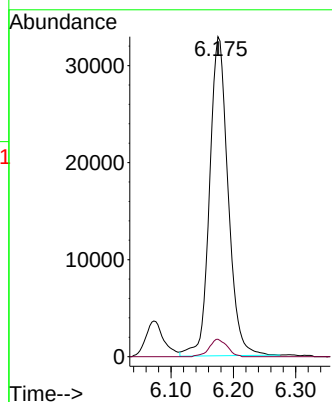
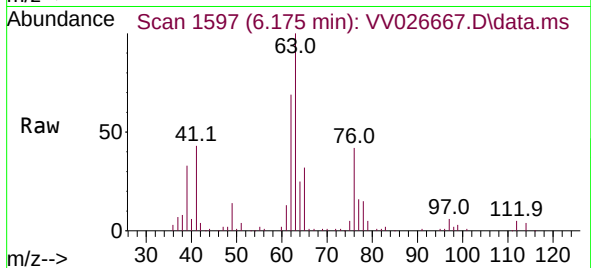
VSTD005344

Tgt Ion: 63 Resp: 67780

Ion Ratio Lower Upper

63 100

112 5.4 4.2 6.4



#38

Bromodichloromethane

Concen: 5.127 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VV026667.D

Acq: 06 Jul 2022 16:19

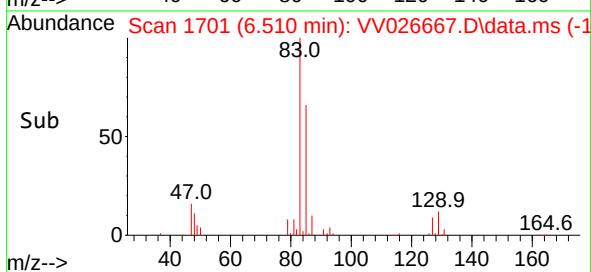
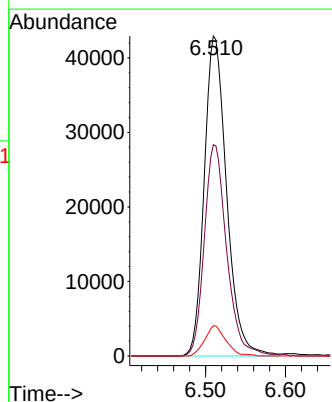
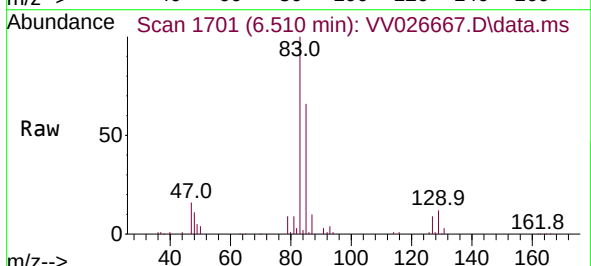
Tgt Ion: 83 Resp: 83608

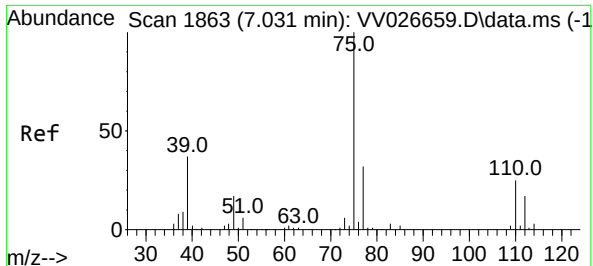
Ion Ratio Lower Upper

83 100

85 66.0 44.0 81.8

127 9.5 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.166 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VV026667.D

Acq: 06 Jul 2022 16:19

Instrument :

MSVOA_V

ClientSampleId :

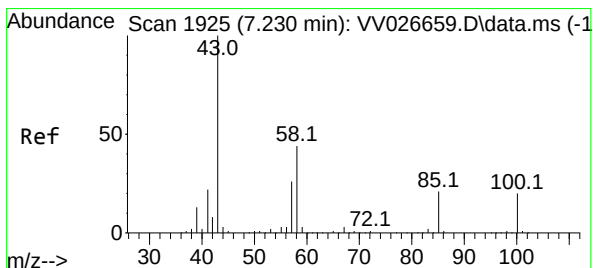
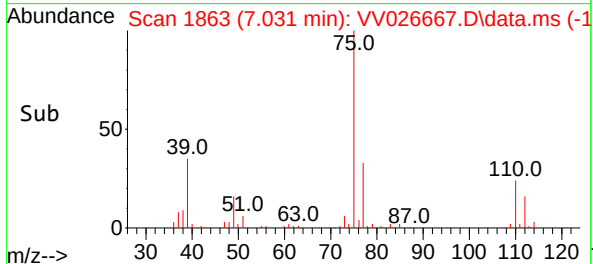
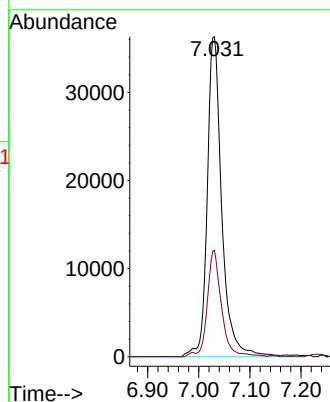
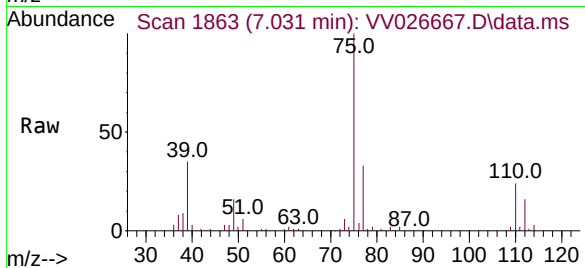
VSTD005344

Tgt Ion: 75 Resp: 71728

Ion Ratio Lower Upper

75 100

77 33.2 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 53.492 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.000 min

Lab File: VV026667.D

Acq: 06 Jul 2022 16:19

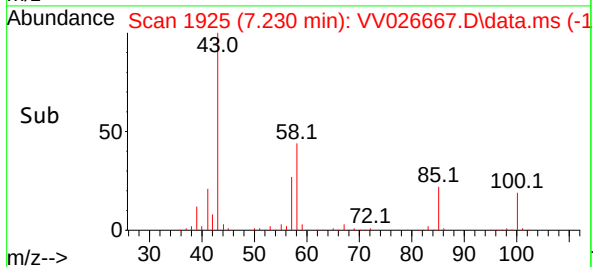
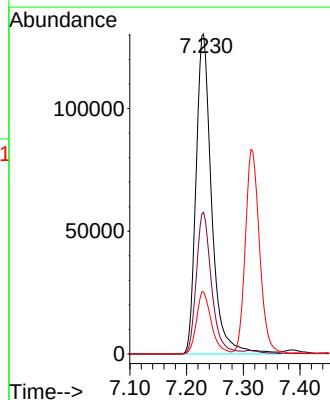
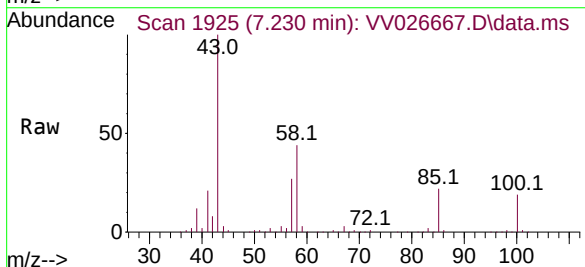
Tgt Ion: 43 Resp: 249610

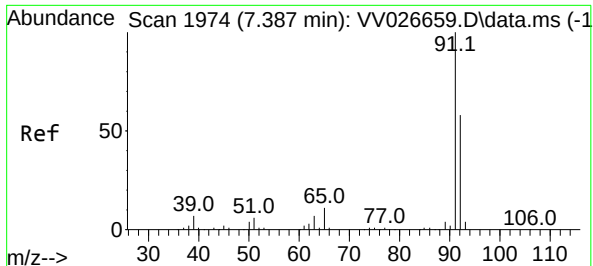
Ion Ratio Lower Upper

43 100

58 43.2 33.3 49.9

100 18.5 14.3 21.5

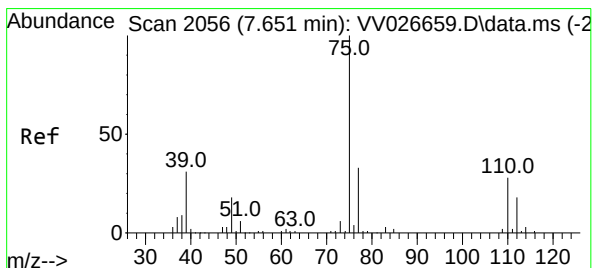
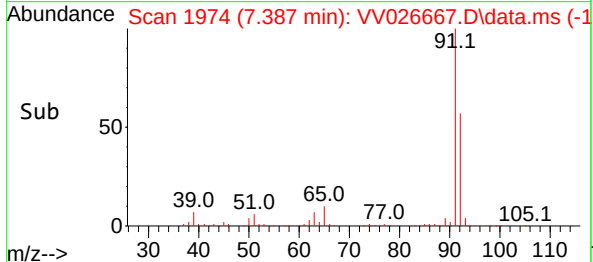
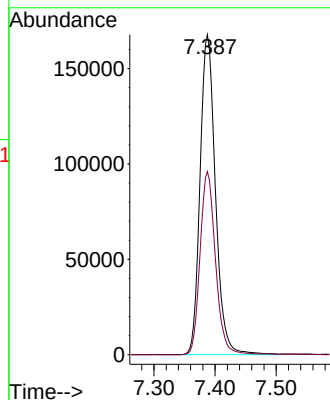
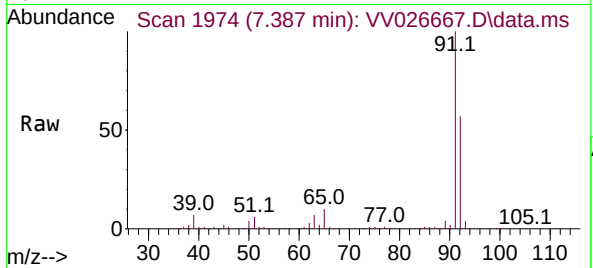




#42
Toluene
Concen: 4.967 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

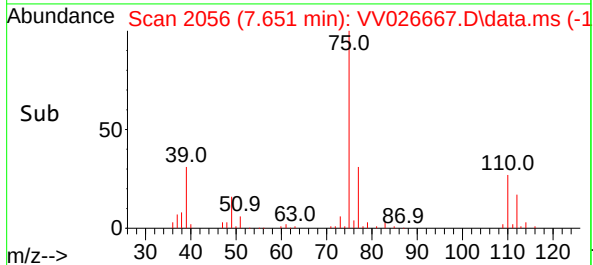
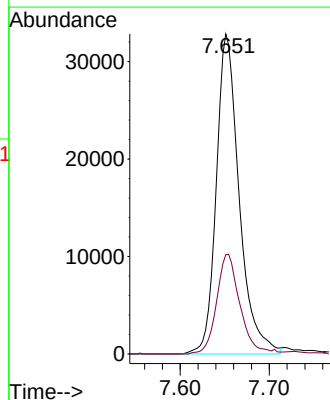
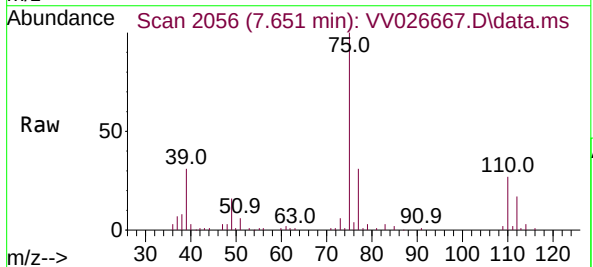
Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

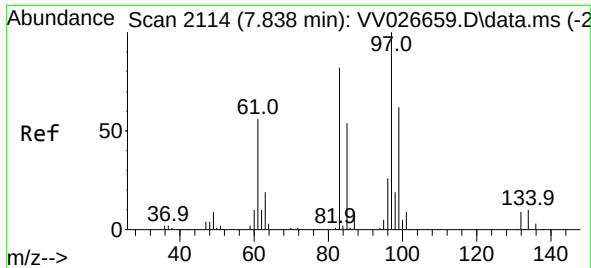
Tgt Ion: 91 Resp: 293918
Ion Ratio Lower Upper
91 100
92 57.3 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 5.676 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

Tgt Ion: 75 Resp: 58622
Ion Ratio Lower Upper
75 100
77 31.0 23.1 42.9

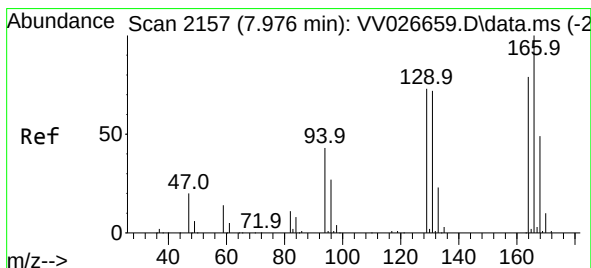
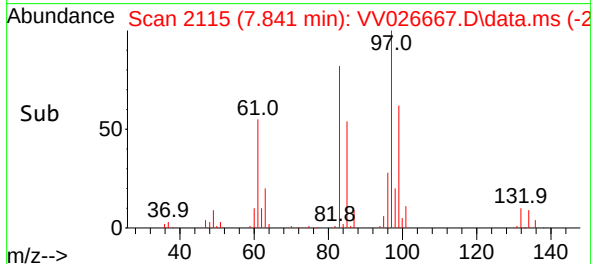
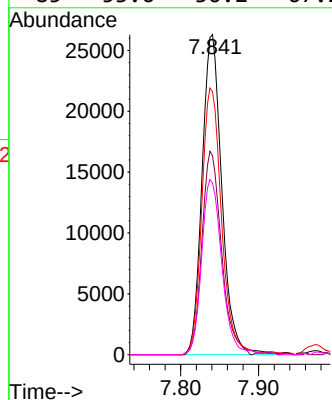
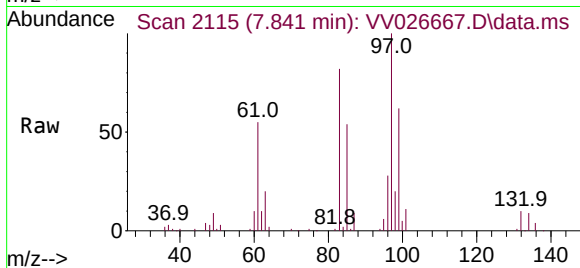




#45
1,1,2-Trichloroethane
Concen: 5.338 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

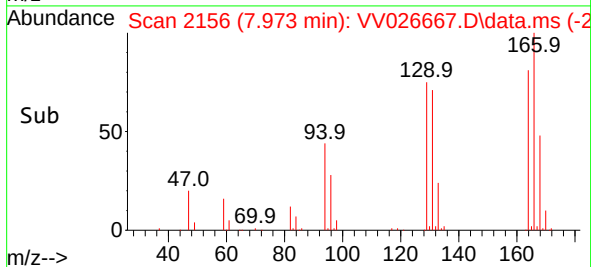
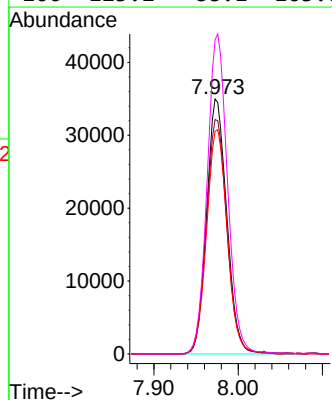
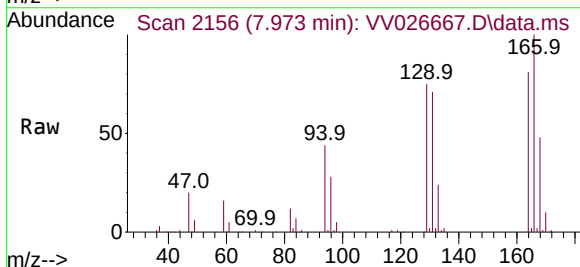
Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

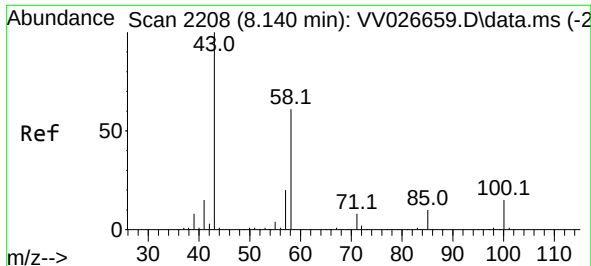
Tgt Ion:	97	Resp:	46498
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.4	80.6
83	82.2	58.0	107.8
85	53.6	36.2	67.2



#47
Tetrachloroethene
Concen: 4.865 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

Tgt Ion:	164	Resp:	58360
Ion	Ratio	Lower	Upper
164	100		
129	91.9	66.4	123.2
131	87.4	64.4	119.6
166	123.2	88.1	163.7

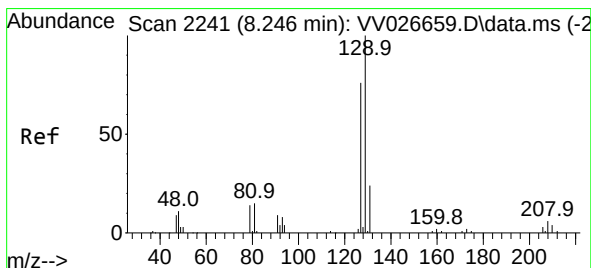
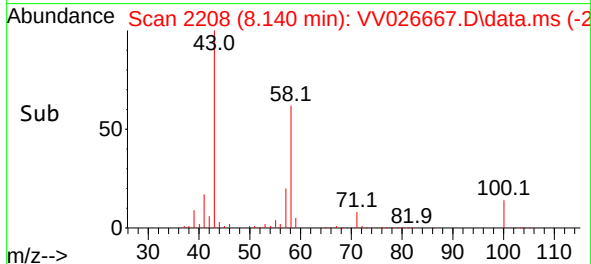
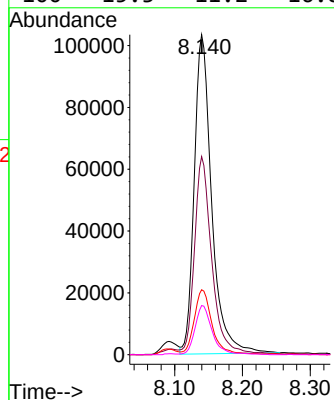
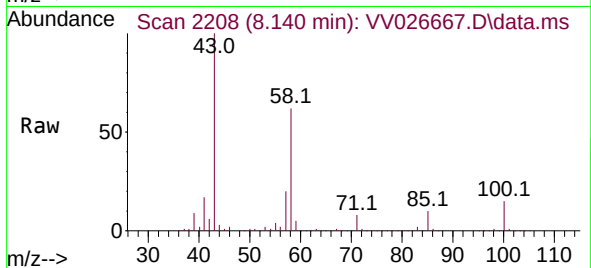




#48
2-Hexanone
Concen: 56.893 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

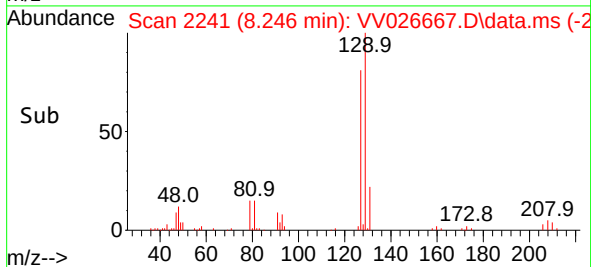
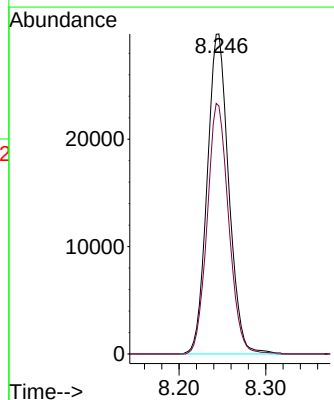
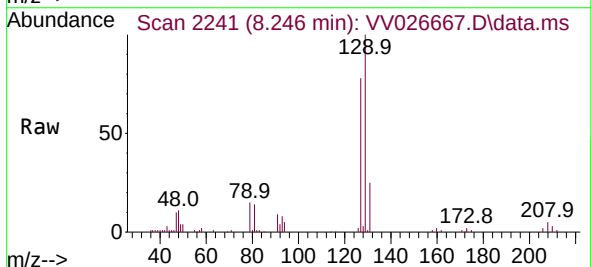
Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

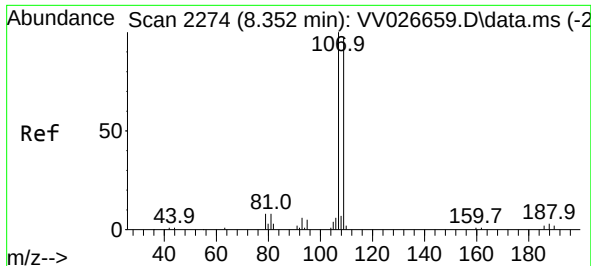
Tgt Ion:	43	Resp:	184800
Ion	Ratio	Lower	Upper
43	100		
58	59.8	47.8	71.6
57	20.5	15.0	22.6
100	15.3	11.2	16.8



#49
Dibromochloromethane
Concen: 5.852 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

Tgt Ion:	129	Resp:	51620
Ion	Ratio	Lower	Upper
129	100		
127	77.5	54.2	100.6





#50

1,2-Dibromoethane

Concen: 5.129 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV026667.D

Acq: 06 Jul 2022 16:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD005344

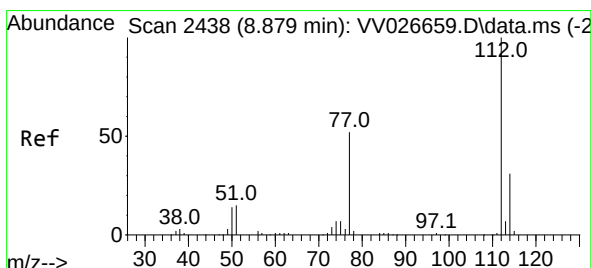
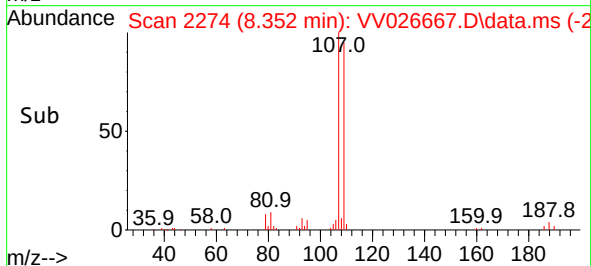
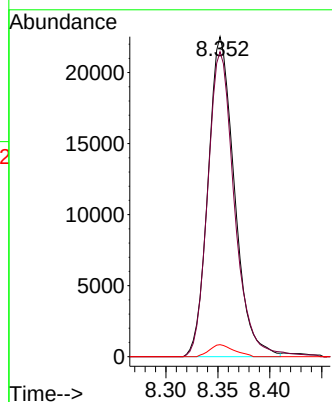
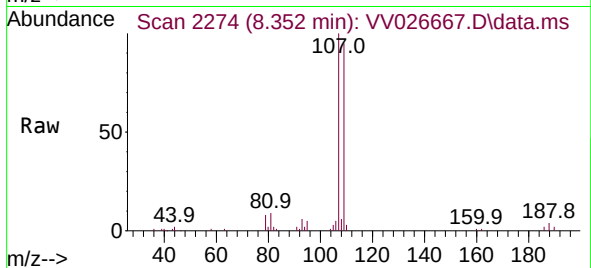
Tgt Ion:107 Resp: 39726

Ion Ratio Lower Upper

107 100

109 95.3 67.8 125.8

188 3.7 3.2 4.8



#51

Chlorobenzene

Concen: 4.820 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV026667.D

Acq: 06 Jul 2022 16:19

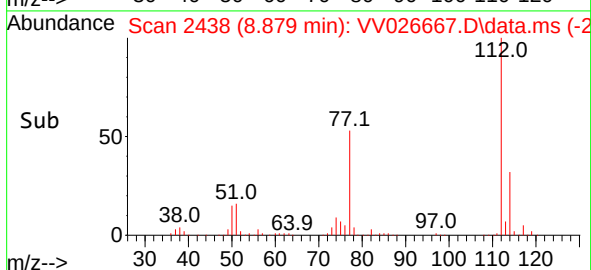
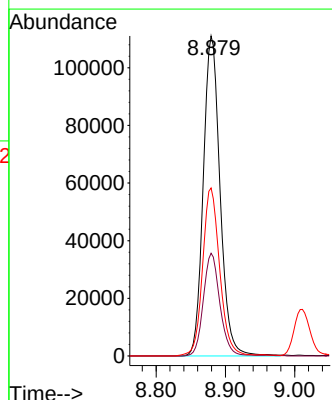
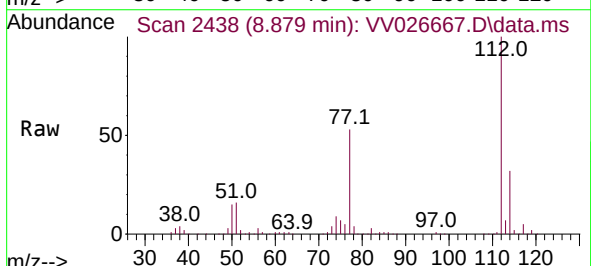
Tgt Ion:112 Resp: 186839

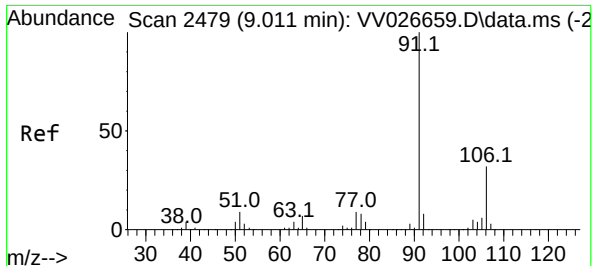
Ion Ratio Lower Upper

112 100

114 32.1 22.3 41.5

77 52.5 44.4 66.6

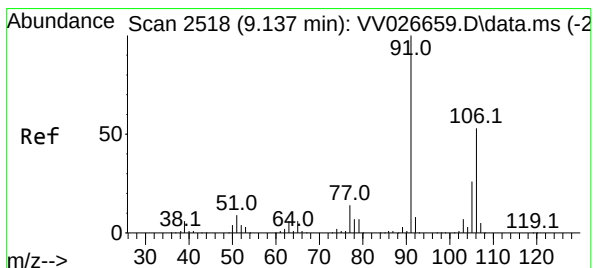
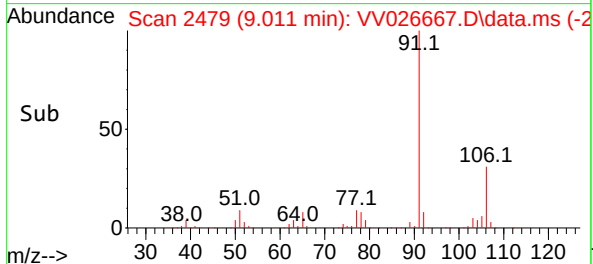
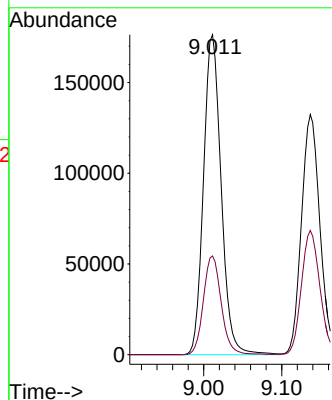
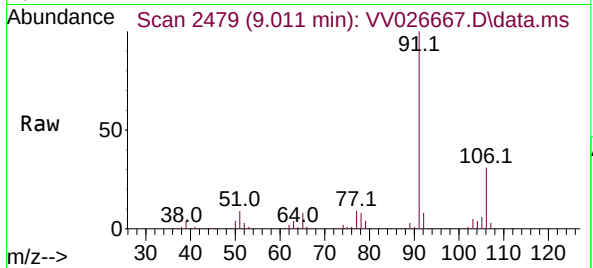




#52
Ethylbenzene
Concen: 4.534 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

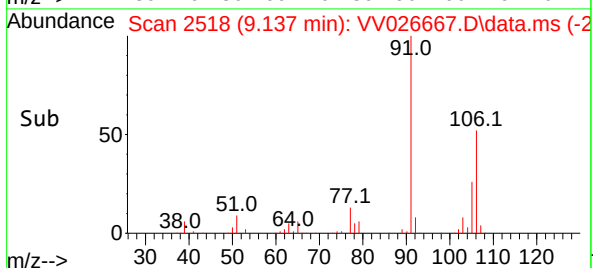
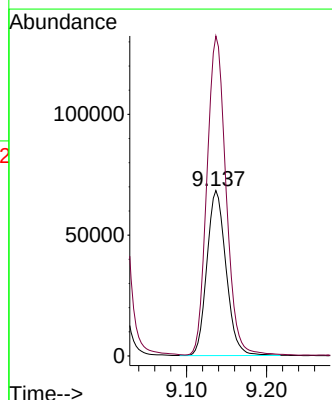
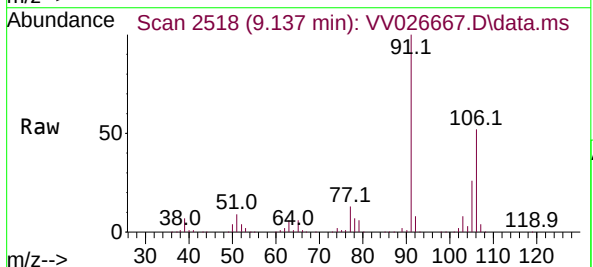
Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

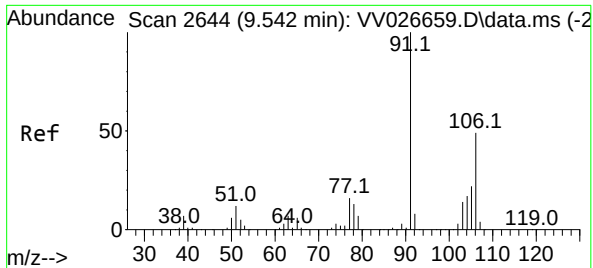
Tgt Ion: 91 Resp: 277485
Ion Ratio Lower Upper
91 100
106 30.9 22.1 41.1



#53
m,p-Xylene
Concen: 4.761 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

Tgt Ion: 106 Resp: 113660
Ion Ratio Lower Upper
106 100
91 193.5 139.9 259.9

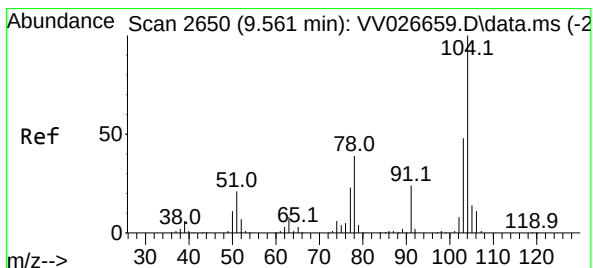
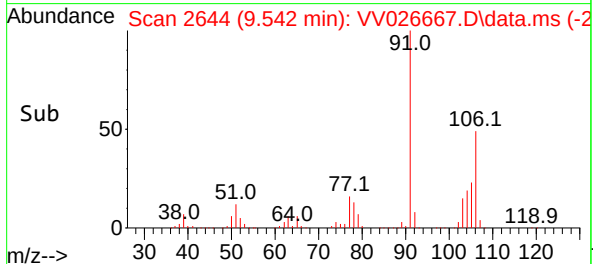
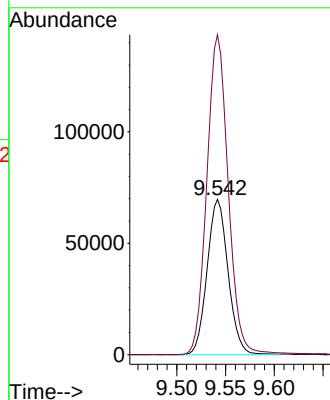
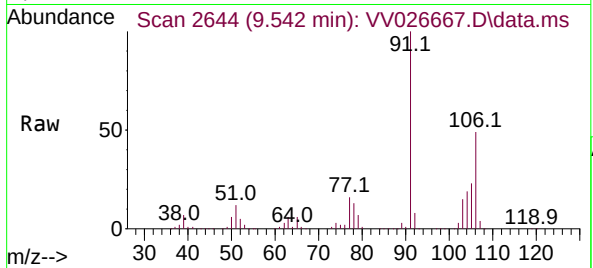




#54
o-Xylene
Concen: 4.658 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

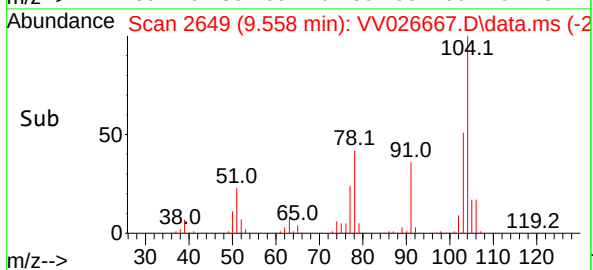
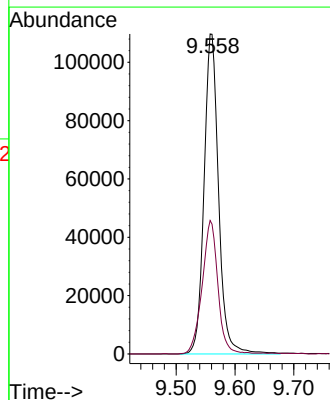
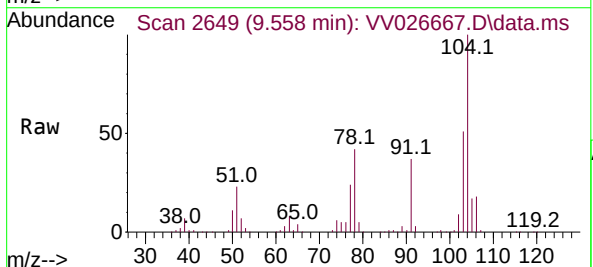
Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

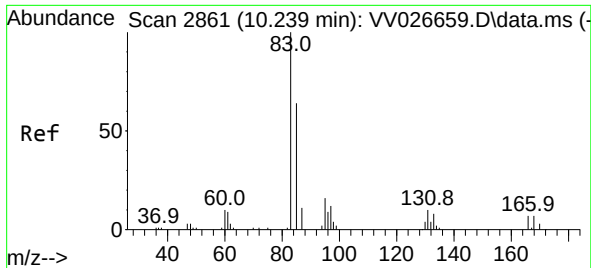
Tgt Ion:106 Resp: 104367
Ion Ratio Lower Upper
106 100
91 206.1 147.5 273.9



#55
Styrene
Concen: 5.061 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

Tgt Ion:104 Resp: 187851
Ion Ratio Lower Upper
104 100
78 41.7 28.4 52.8

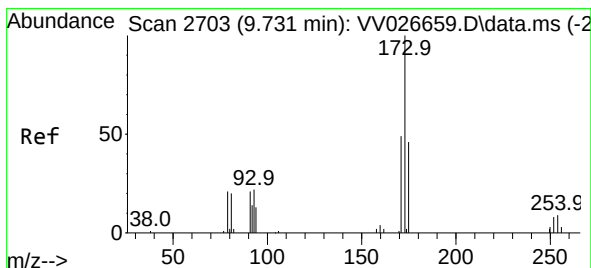
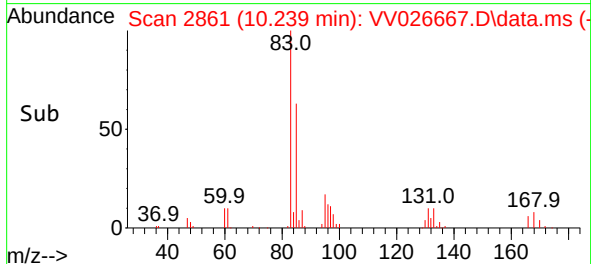
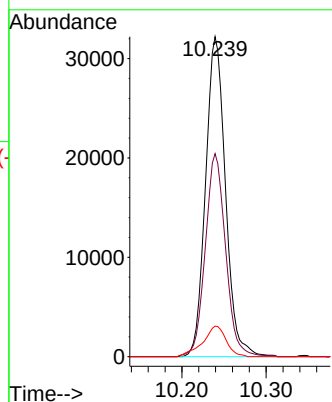
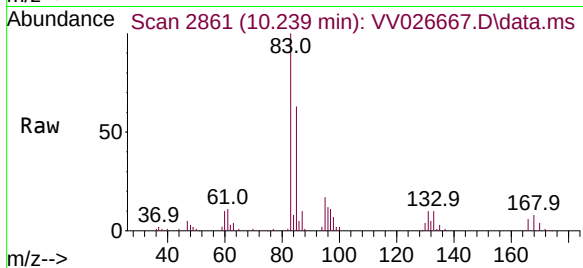




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.449 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV026667.D
 Acq: 06 Jul 2022 16:19

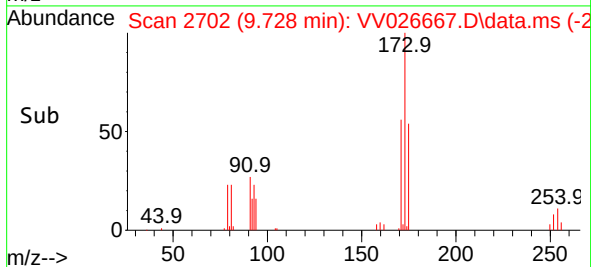
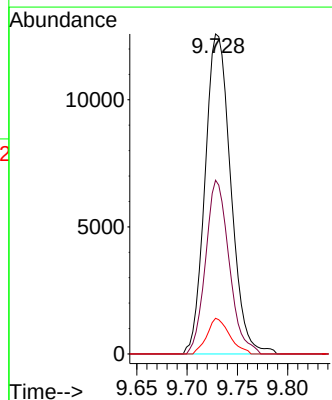
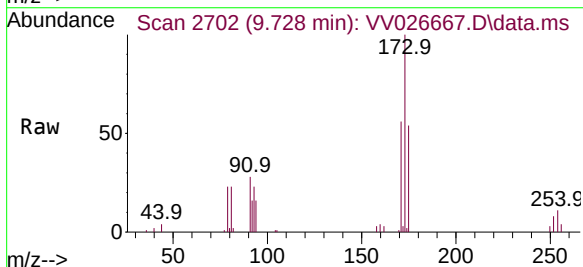
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005344

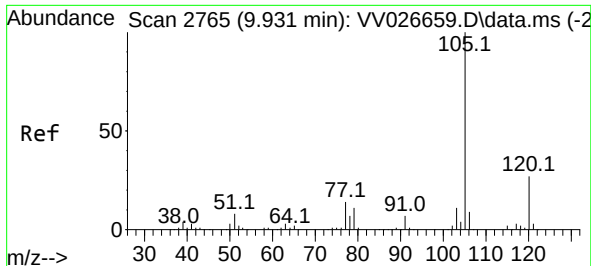
Tgt Ion: 83 Resp: 53010
 Ion Ratio Lower Upper
 83 100
 85 63.5 44.3 82.3
 131 9.6 8.0 12.0



#59
 Bromoform
 Concen: 5.746 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.003 min
 Lab File: VV026667.D
 Acq: 06 Jul 2022 16:19

Tgt Ion: 173 Resp: 22388
 Ion Ratio Lower Upper
 173 100
 175 49.8 37.9 56.9
 254 9.7 6.3 9.5

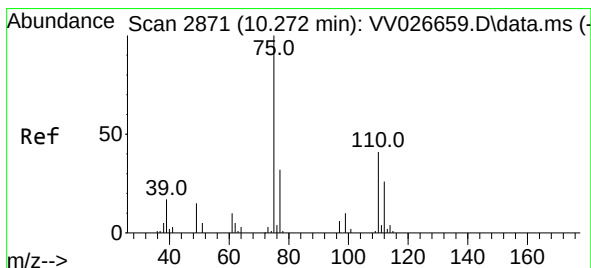
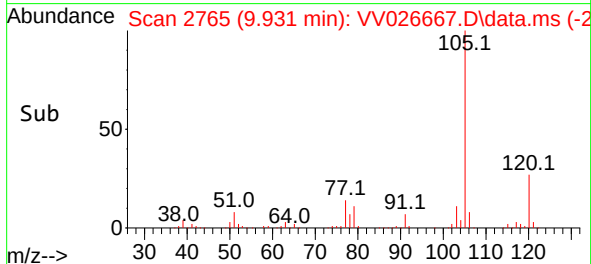
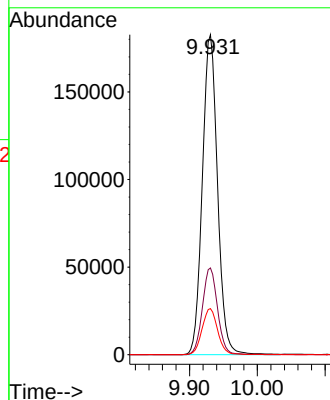
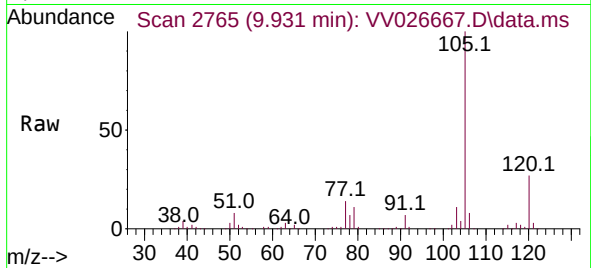




#60
Isopropylbenzene
Concen: 4.350 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

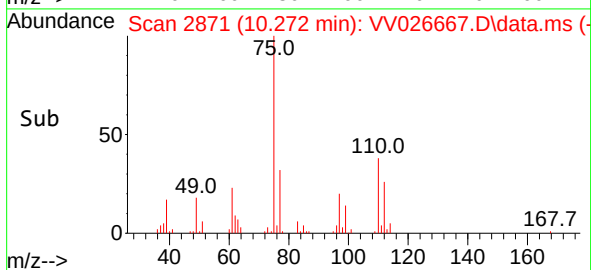
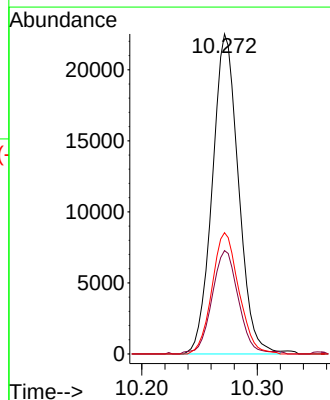
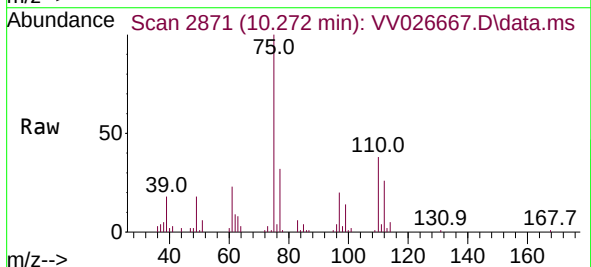
Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

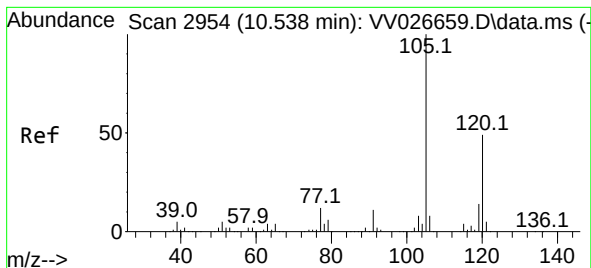
Tgt Ion:105 Resp: 283665
Ion Ratio Lower Upper
105 100
120 27.0 21.4 32.2
77 14.8 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 5.167 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

Tgt Ion: 75 Resp: 35370
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.6
110 38.9 32.5 48.7





#62

1,3,5-Trimethylbenzene

Concen: 4.080 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV026667.D

Acq: 06 Jul 2022 16:19

Instrument :

MSVOA_V

ClientSampleId :

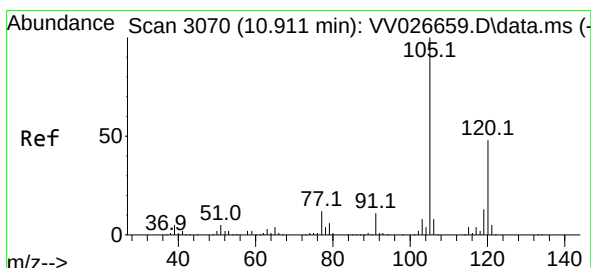
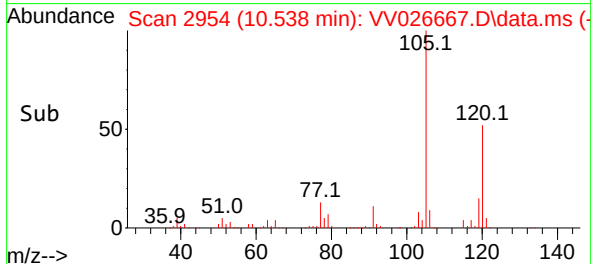
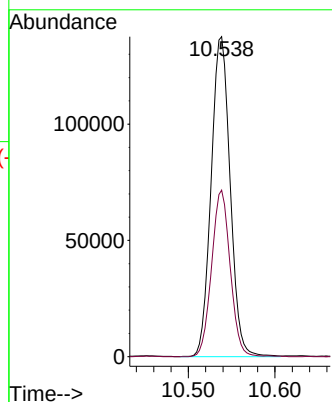
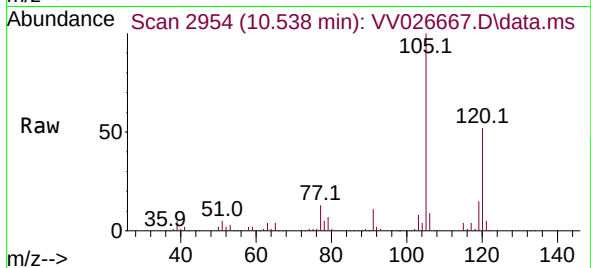
VSTD005344

Tgt Ion:105 Resp: 210286

Ion Ratio Lower Upper

105 100

120 50.7 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.255 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV026667.D

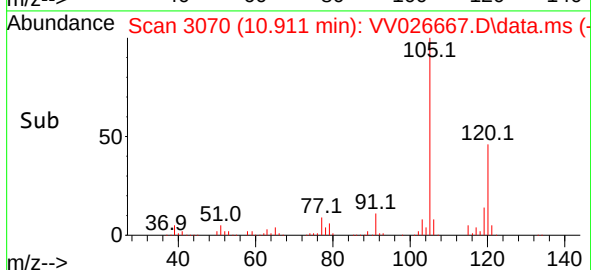
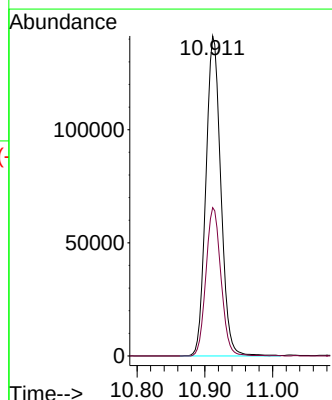
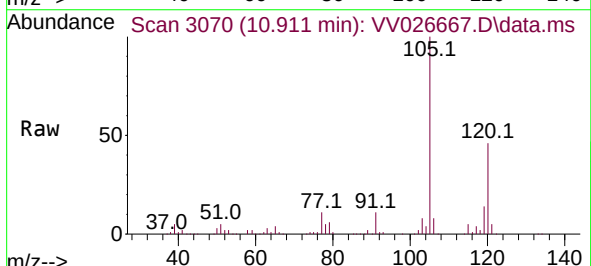
Acq: 06 Jul 2022 16:19

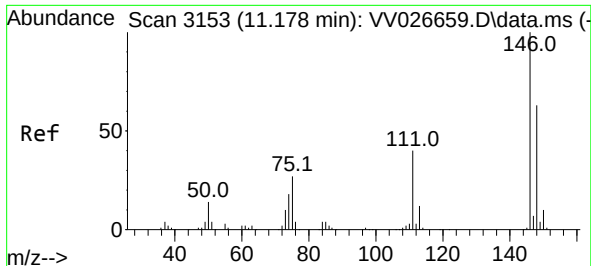
Tgt Ion:105 Resp: 216279

Ion Ratio Lower Upper

105 100

120 46.7 37.4 56.2

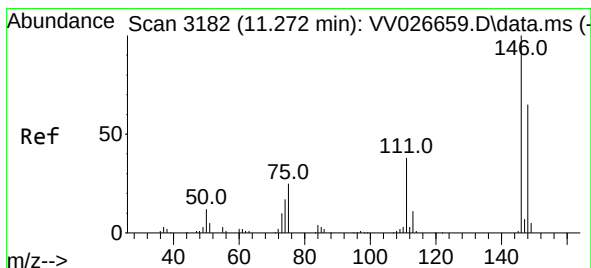
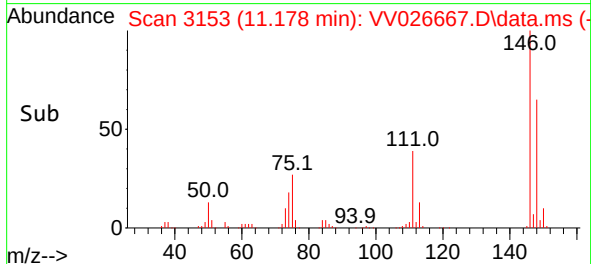
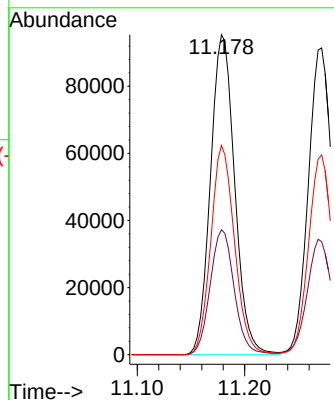
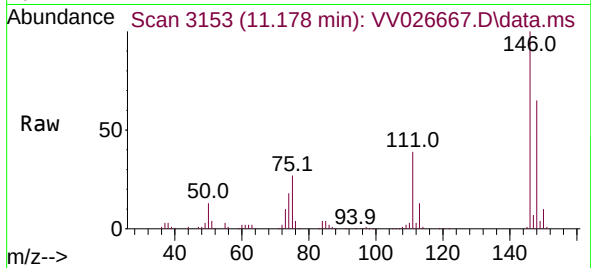




#64
1,3-Dichlorobenzene
Concen: 4.710 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

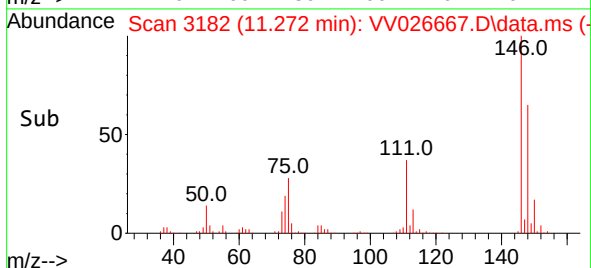
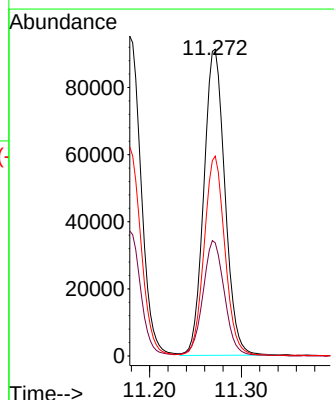
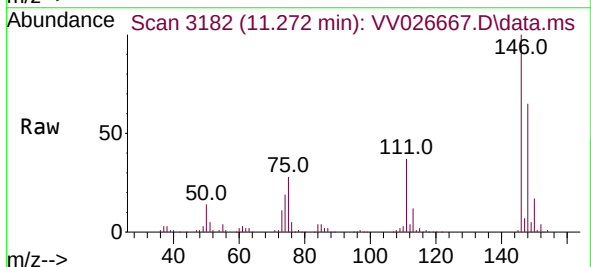
Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

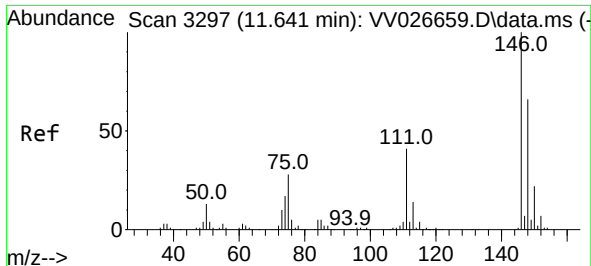
Tgt Ion:146 Resp: 149394
Ion Ratio Lower Upper
146 100
111 39.1 27.9 51.7
148 65.4 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 4.632 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

Tgt Ion:146 Resp: 145876
Ion Ratio Lower Upper
146 100
111 36.9 26.5 49.3
148 65.1 43.7 81.1

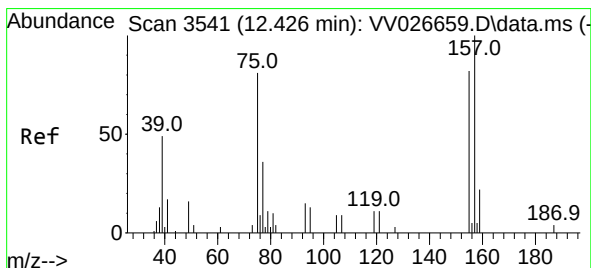
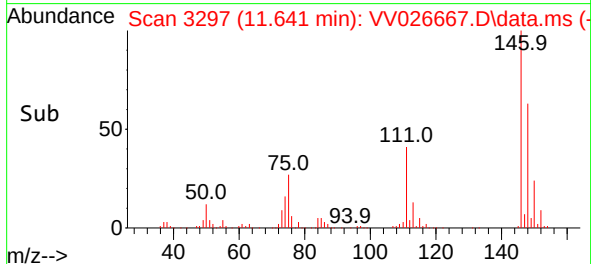
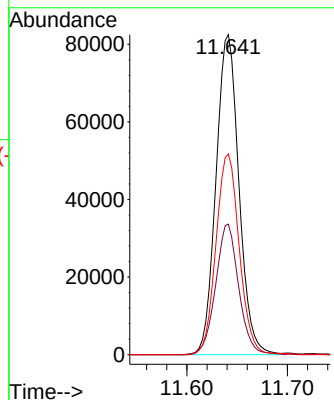
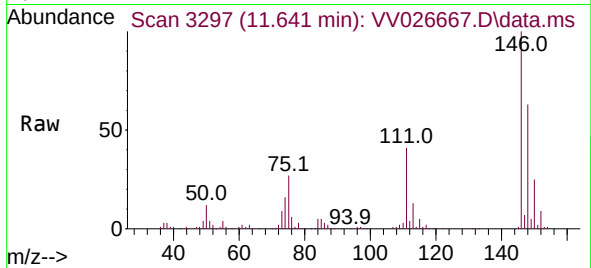




#67
1,2-Dichlorobenzene
Concen: 4.844 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

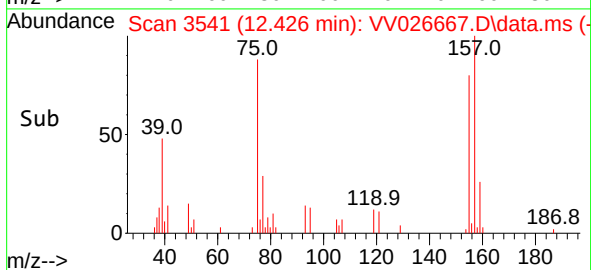
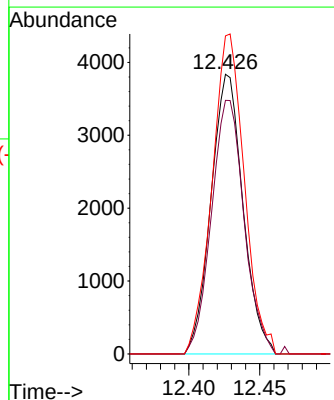
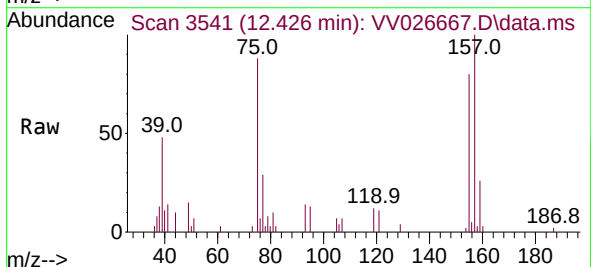
Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

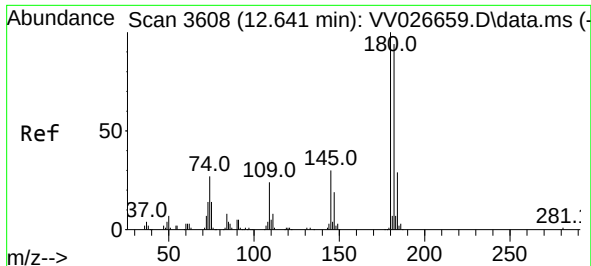
Tgt Ion:146 Resp: 130732
Ion Ratio Lower Upper
146 100
111 40.8 32.8 49.2
148 62.8 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 4.895 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

Tgt Ion: 75 Resp: 6011
Ion Ratio Lower Upper
75 100
155 90.7 74.7 112.1
157 113.8 96.9 145.3

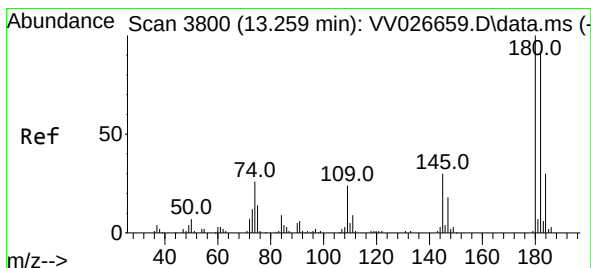
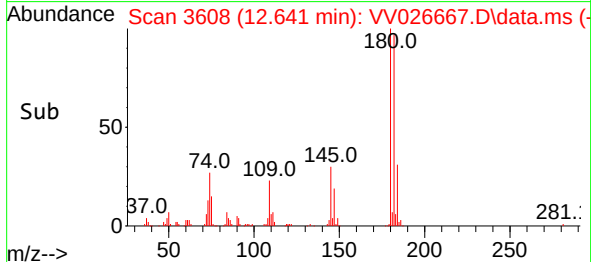
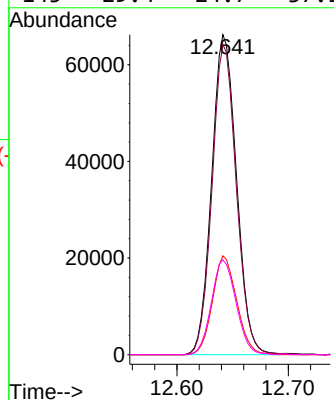
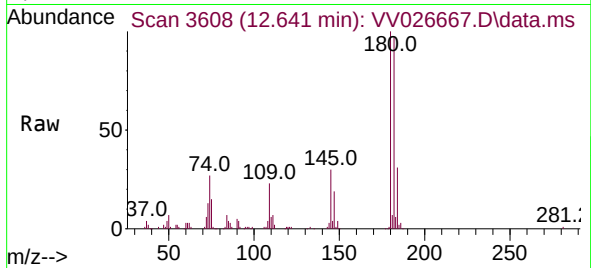




#69
 1,3,5-Trichlorobenzene
 Concen: 4.491 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VV026667.D
 Acq: 06 Jul 2022 16:19

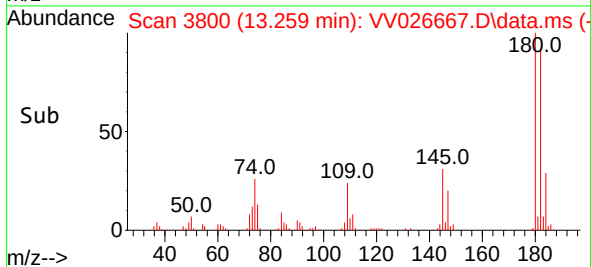
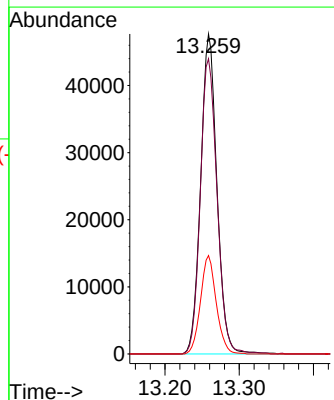
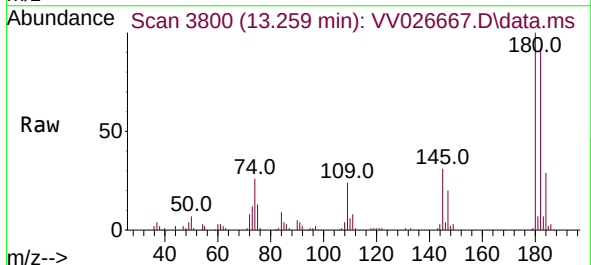
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005344

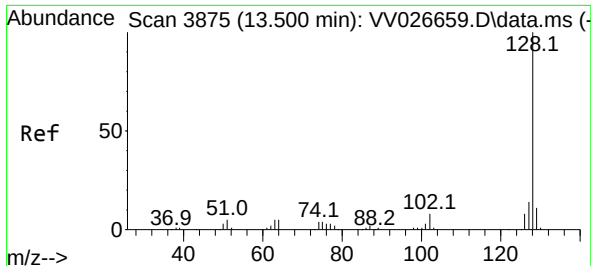
Tgt Ion:180	Resp:	102422
Ion Ratio	Lower	Upper
180	100	
182	94.9	76.6 115.0
184	30.1	24.1 36.1
145	29.4	24.7 37.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.513 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026667.D
 Acq: 06 Jul 2022 16:19

Tgt Ion:180	Resp:	72668
Ion Ratio	Lower	Upper
180	100	
182	95.0	75.2 112.8
145	29.8	24.4 36.6

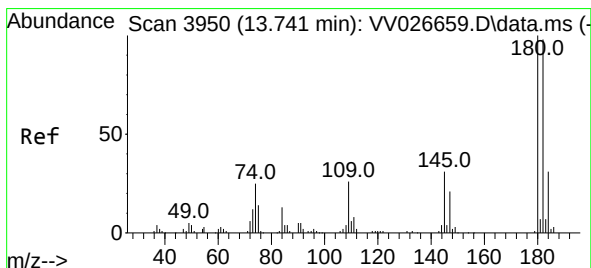
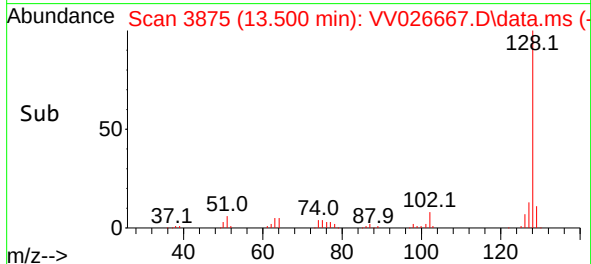
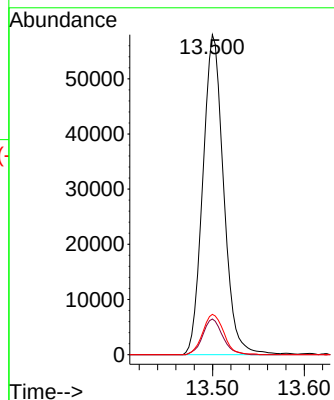
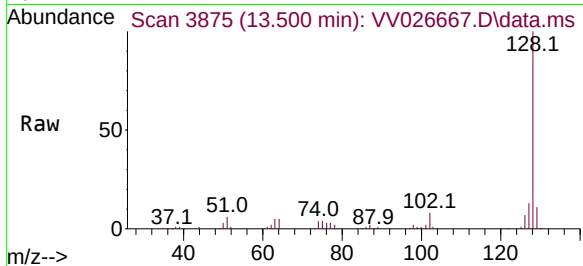




#71
Naphthalene
Concen: 4.347 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

Tgt Ion:	128	Resp:	91325
Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	12.8	10.2	15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.660 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026667.D
Acq: 06 Jul 2022 16:19

Tgt Ion:	180	Resp:	61418
Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.8	115.2
145	32.6	25.8	38.6

