

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070522\
 Data File : VW026637.D
 Acq On : 05 Jul 2022 11:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005341

Quant Time: Jul 06 00:17:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 04 02:01:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	206412	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	198454	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	104622	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	81433	4.906	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.581	69	68152	5.111	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.121	63	146938	4.982	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.600%
20) 2-Butanone-d5	3.915	46	72983	44.222	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.440%
24) Chloroform-d	4.362	84	135364	4.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.043	65	51809	4.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.059	84	267908	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.075	67	74309	4.741	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.317	98	255188	4.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	7.625	79	22453	5.541	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.800%
46) 2-Hexanone-d5	8.091	63	71250	46.167	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.340%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	50217	4.897	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	76619	4.425	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	72938	4.641	ug/L	99
3) Chloromethane	1.253	50	76765	4.466	ug/L	100
5) Vinyl chloride	1.323	62	86938	4.750	ug/L	94
6) Bromomethane	1.536	94	47901	4.835	ug/L	99
8) Chloroethane	1.600	64	59033	4.743	ug/L	93
9) Trichlorofluoromethane	1.767	101	125321	4.910	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	75833	5.014	ug/L	99
12) 1,1-Dichloroethene	2.130	96	70565	5.062	ug/L	94
13) Acetone	2.201	43	45625	43.577	ug/L	99
14) Carbon disulfide	2.307	76	173255	4.710	ug/L	99
15) Methyl Acetate	2.458	43	15002	4.969	ug/L	98
16) Methylene chloride	2.519	84	92058	6.220	ug/L	95
17) Methyl tert-butyl Ether	2.786	73	116214	5.114	ug/L	100
18) trans-1,2-Dichloroethene	2.773	96	70501	4.957	ug/L	97
19) 1,1-Dichloroethane	3.204	63	130014	5.090	ug/L	97
21) 2-Butanone	4.002	43	68738	43.642	ug/L	97
22) cis-1,2-Dichloroethene	3.928	96	71562	5.067	ug/L	96
23) Bromochloromethane	4.265	128	31890	5.482	ug/L	93
25) Chloroform	4.387	83	140647	5.148	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070522\
 Data File : VW026637.D
 Acq On : 05 Jul 2022 11:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

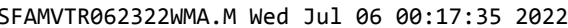
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005341

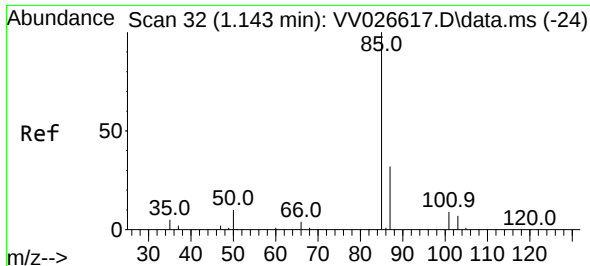
Quant Time: Jul 06 00:17:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 04 02:01:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	60734	4.994	ug/L	96
29) 1,1,1-Trichloroethane	4.619	97	122007	4.996	ug/L	99
30) Cyclohexane	4.686	56	86980	4.499	ug/L	98
31) Carbon tetrachloride	4.834	117	105926	5.171	ug/L	100
33) Benzene	5.108	78	288187	4.973	ug/L	100
34) Trichloroethene	5.921	95	72413	4.754	ug/L	97
35) Methylcyclohexane	6.137	83	101824	4.518	ug/L	99
37) 1,2-Dichloropropane	6.178	63	69933	5.007	ug/L	99
38) Bromodichloromethane	6.513	83	87051	5.280	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	77807	5.543	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	252065	53.433	ug/L	99
42) Toluene	7.391	91	311148	5.202	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	62942	6.028	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	46272	5.254	ug/L	93
47) Tetrachloroethene	7.976	164	60983	5.028	ug/L	98
48) 2-Hexanone	8.143	43	185610	56.523	ug/L	99
49) Dibromochloromethane	8.246	129	54797	6.145	ug/L	99
50) 1,2-Dibromoethane	8.355	107	42393	5.414	ug/L	97
51) Chlorobenzene	8.882	112	195415	4.987	ug/L	98
52) Ethylbenzene	9.011	91	301686	4.876	ug/L	99
53) m,p-Xylene	9.140	106	120249	4.983	ug/L	99
54) o-Xylene	9.545	106	113853	5.026	ug/L	97
55) Styrene	9.561	104	199075	5.306	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	54444	5.536	ug/L	98
59) Bromoform	9.731	173	24777	6.427	ug/L	99
60) Isopropylbenzene	9.931	105	305255	4.731	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	35335	5.216	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	227484	4.460	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	233405	4.641	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	154955	4.937	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	154794	4.967	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	135390	5.070	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	6205	5.107	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	109548	4.854	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	77843	4.885	ug/L	99
71) Naphthalene	13.500	128	95584	4.598	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	64593	4.953	ug/L	98

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

Quant Time: Jul 06 00:17:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jul 04 02:01:03 2022
Response via : Initial Calibration

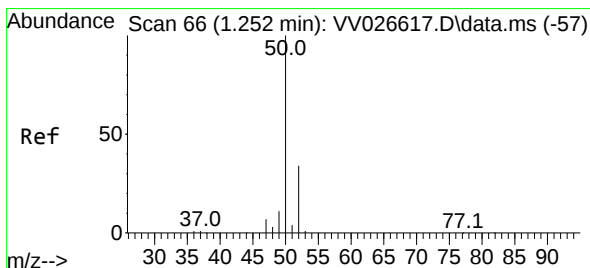
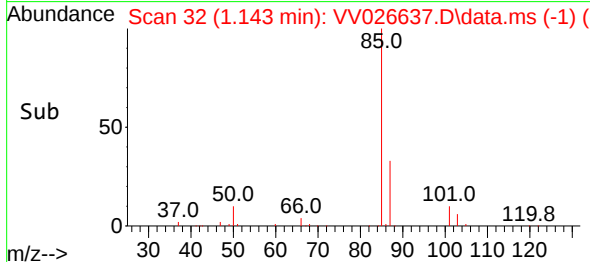
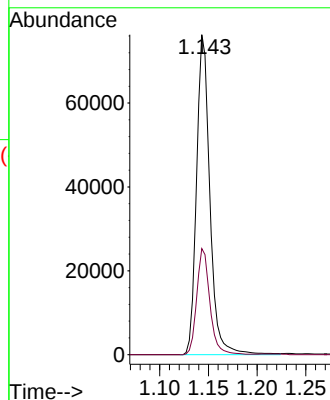
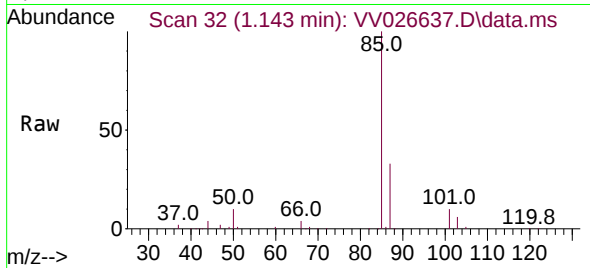




#2
 Dichlorodifluoromethane
 Concen: 4.641 ug/L
 RT: 1.143 min Scan# 32
 Delta R.T. 0.000 min
 Lab File: VV026637.D
 Acq: 05 Jul 2022 11:40

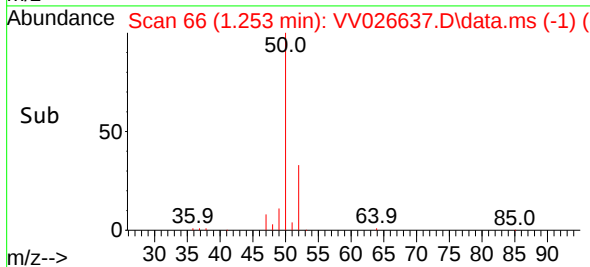
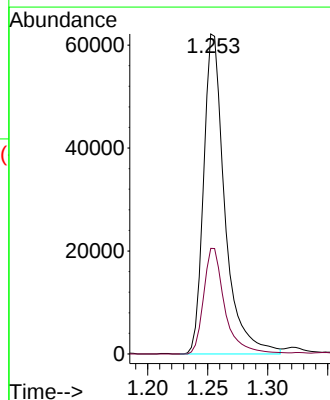
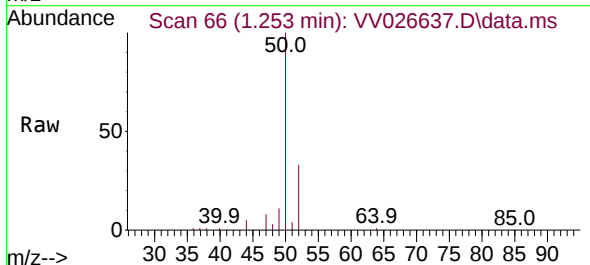
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005341

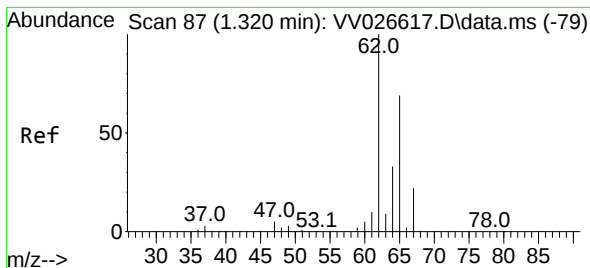
Tgt Ion: 85 Resp: 72938
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.6 38.4



#3
 Chloromethane
 Concen: 4.466 ug/L
 RT: 1.253 min Scan# 66
 Delta R.T. 0.000 min
 Lab File: VV026637.D
 Acq: 05 Jul 2022 11:40

Tgt Ion: 50 Resp: 76765
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.0 42.6





#5

Vinyl chloride

Concen: 4.750 ug/L

RT: 1.323 min Scan# 87

Delta R.T. 0.003 min

Lab File: VV026637.D

Acq: 05 Jul 2022 11:40

Instrument :

MSVOA_V

ClientSampleId :

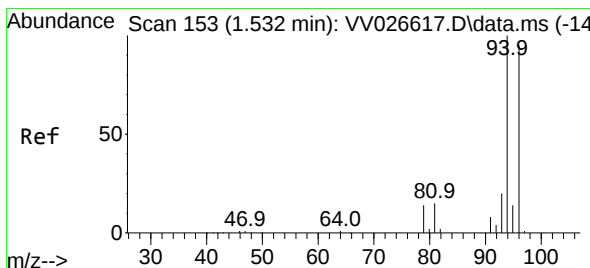
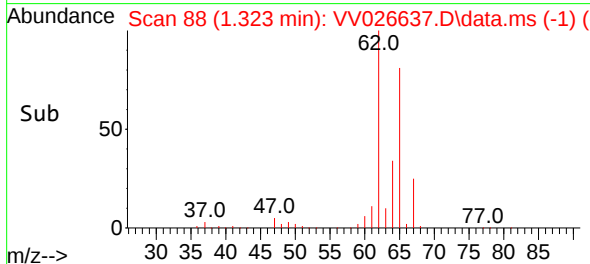
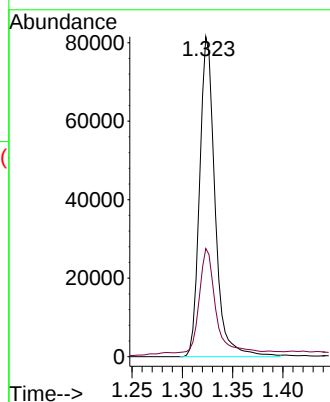
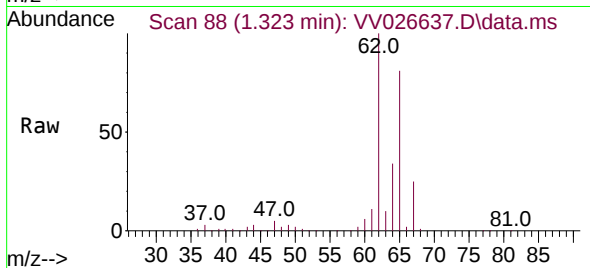
VSTD005341

Tgt Ion: 62 Resp: 86938

Ion Ratio Lower Upper

62 100

64 33.8 26.2 48.6



#6

Bromomethane

Concen: 4.835 ug/L

RT: 1.536 min Scan# 154

Delta R.T. 0.003 min

Lab File: VV026637.D

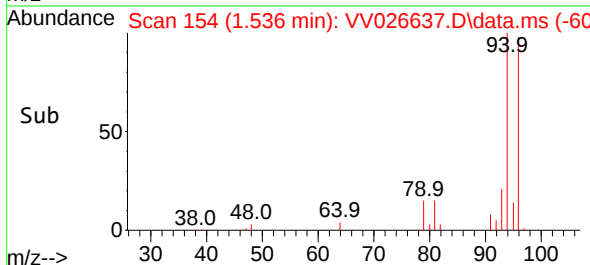
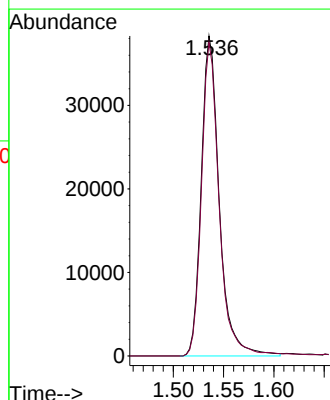
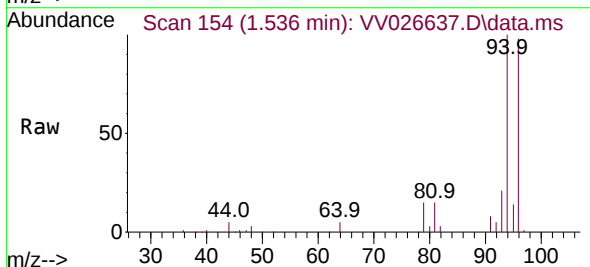
Acq: 05 Jul 2022 11:40

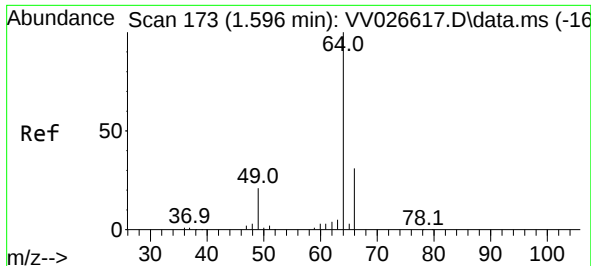
Tgt Ion: 94 Resp: 47901

Ion Ratio Lower Upper

94 100

96 98.0 68.0 126.2

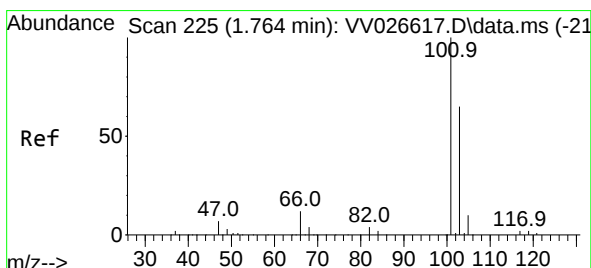
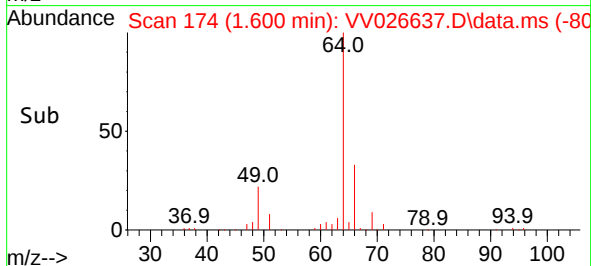
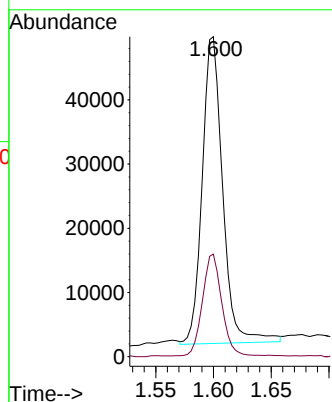
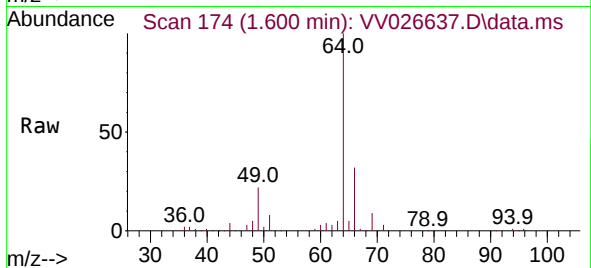




#8
Chloroethane
Concen: 4.743 ug/L
RT: 1.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

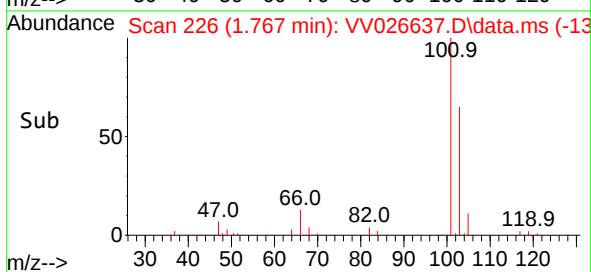
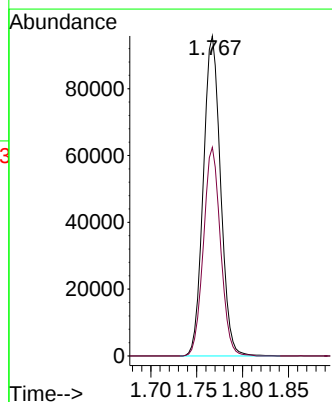
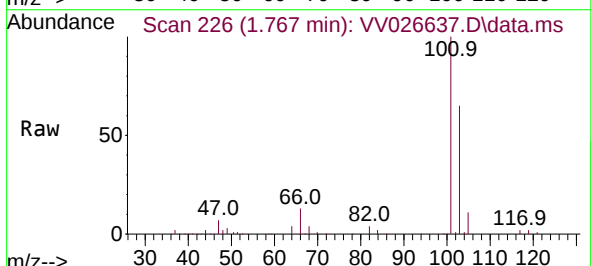
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

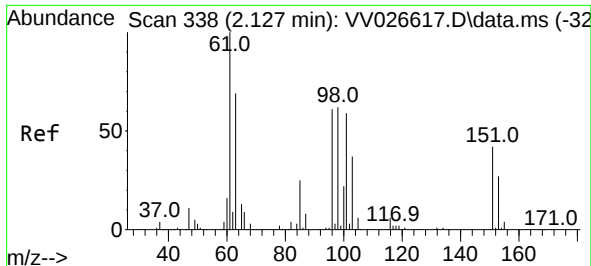
Tgt Ion: 64 Resp: 59033
Ion Ratio Lower Upper
64 100
66 32.1 20.0 37.2



#9
Trichlorofluoromethane
Concen: 4.910 ug/L
RT: 1.767 min Scan# 226
Delta R.T. 0.003 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

Tgt Ion:101 Resp: 125321
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.4

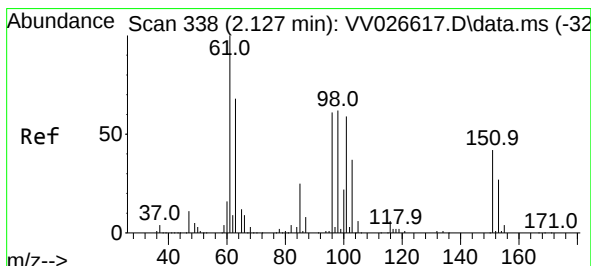
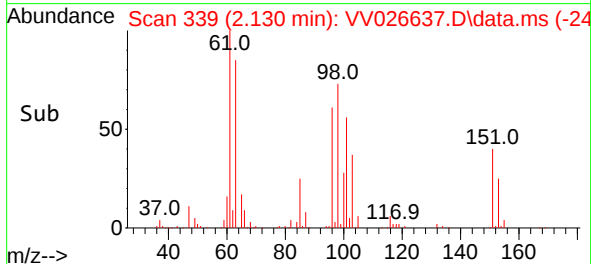
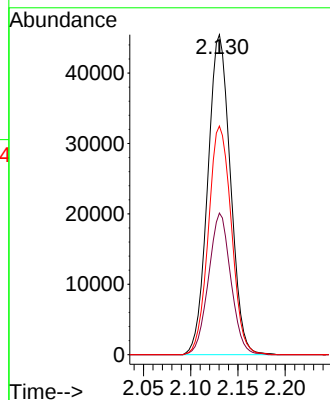
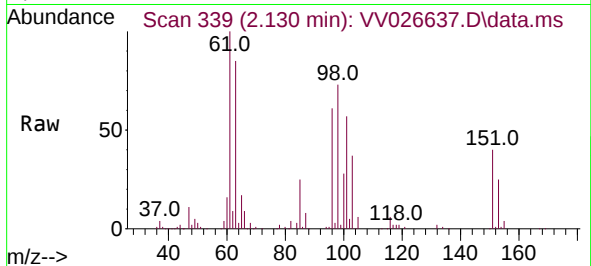




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.014 ug/L
RT: 2.130 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

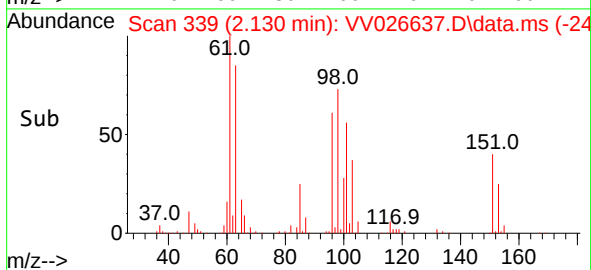
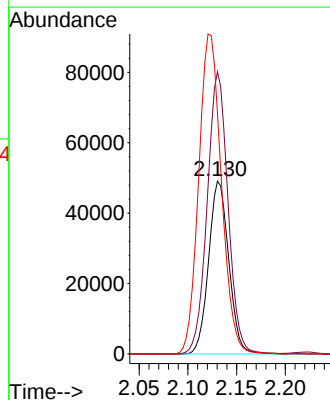
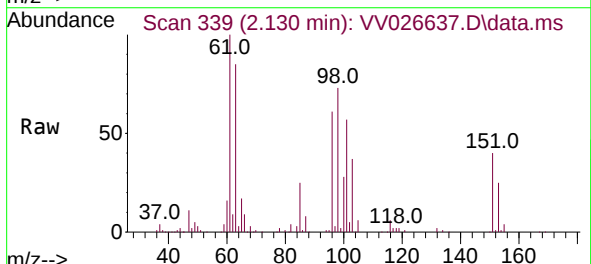
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

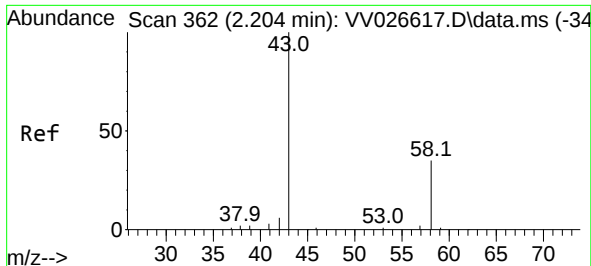
Tgt Ion:101 Resp: 75833
Ion Ratio Lower Upper
101 100
85 43.5 34.2 51.4
151 72.5 56.8 85.2



#12
1,1-Dichloroethene
Concen: 5.062 ug/L
RT: 2.130 min Scan# 339
Delta R.T. 0.003 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

Tgt Ion: 96 Resp: 70565
Ion Ratio Lower Upper
96 100
61 163.3 115.4 214.4
63 139.0 87.4 162.2





#13

Acetone

Concen: 43.577 ug/L

RT: 2.201 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV026637.D

Acq: 05 Jul 2022 11:40

Instrument :

MSVOA_V

ClientSampleId :

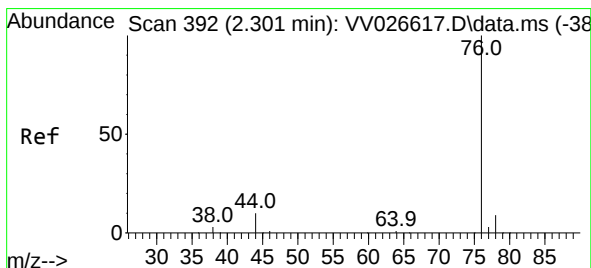
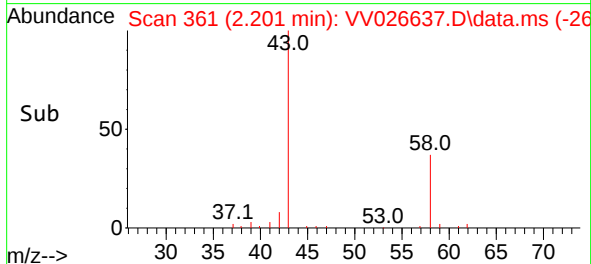
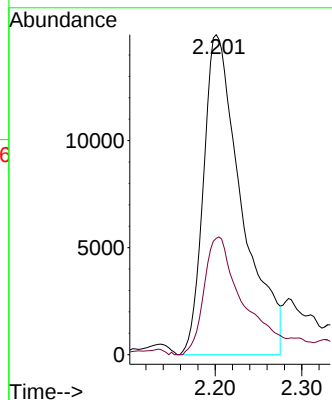
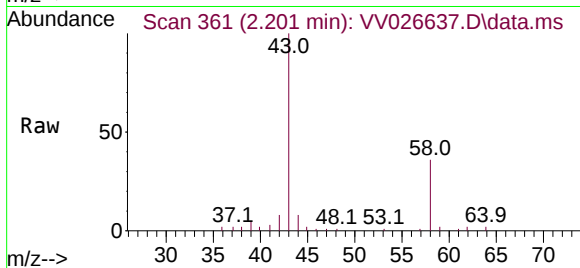
VSTD005341

Tgt Ion: 43 Resp: 45625

Ion Ratio Lower Upper

43 100

58 38.2 0.0 75.0



#14

Carbon disulfide

Concen: 4.710 ug/L

RT: 2.307 min Scan# 394

Delta R.T. 0.007 min

Lab File: VV026637.D

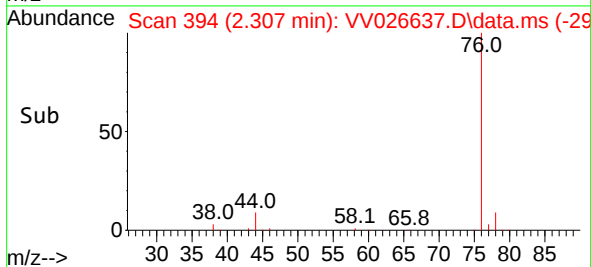
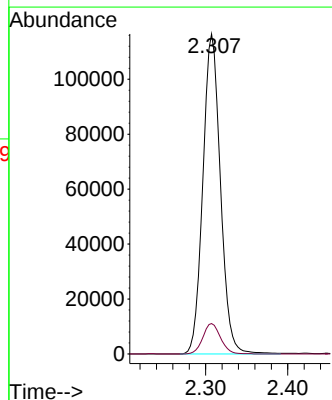
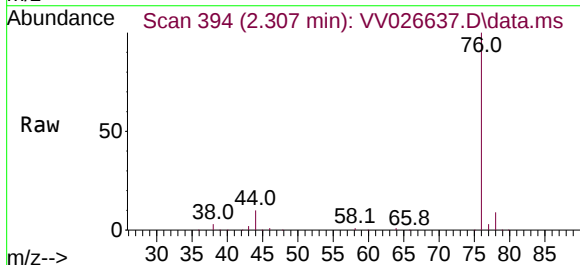
Acq: 05 Jul 2022 11:40

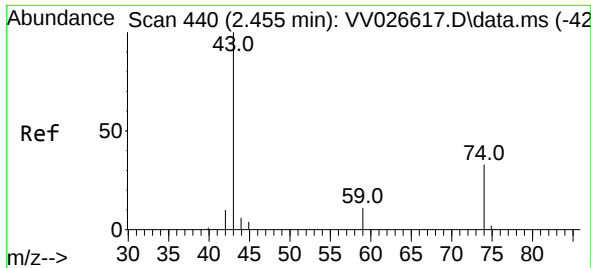
Tgt Ion: 76 Resp: 173255

Ion Ratio Lower Upper

76 100

78 9.5 7.8 11.6

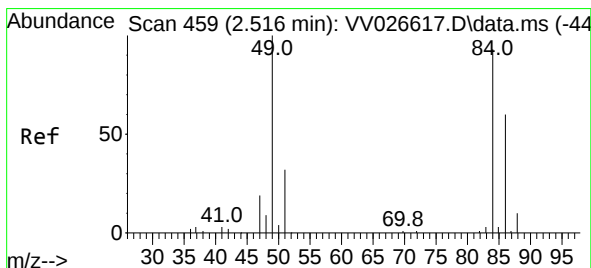
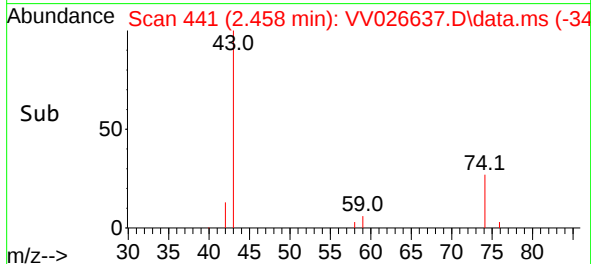
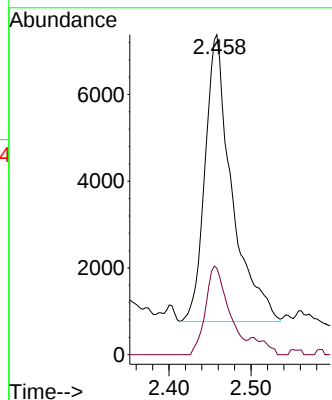
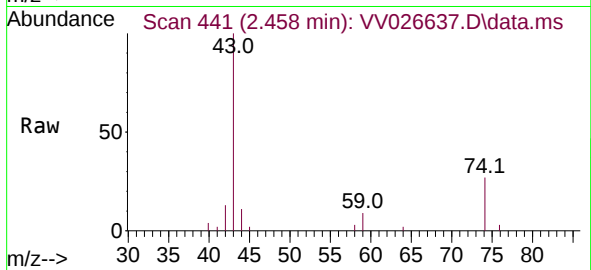




#15
Methyl Acetate
Concen: 4.969 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

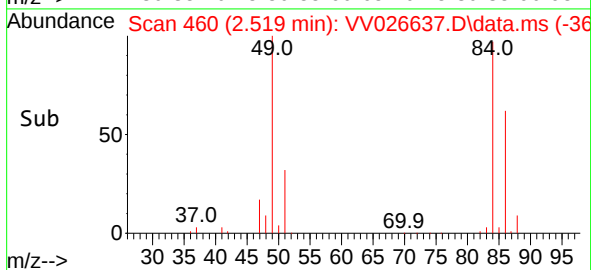
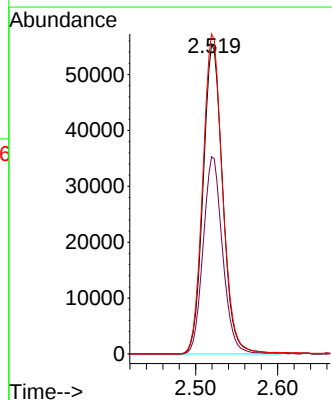
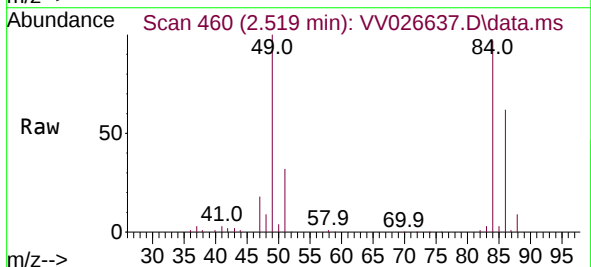
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

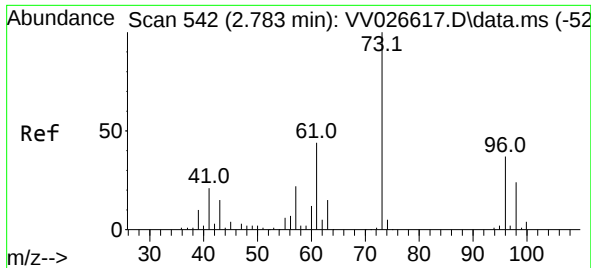
Tgt Ion: 43 Resp: 15002
Ion Ratio Lower Upper
43 100
74 26.6 22.1 33.1



#16
Methylene chloride
Concen: 6.220 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.003 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

Tgt Ion: 84 Resp: 92058
Ion Ratio Lower Upper
84 100
86 63.8 46.0 85.4
49 103.5 77.7 144.3

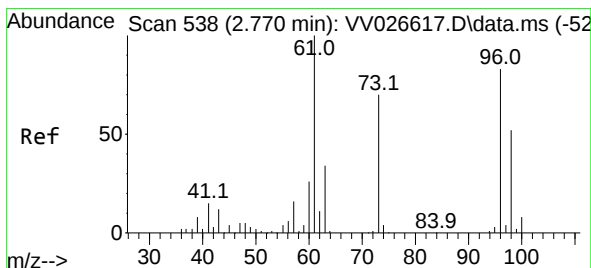
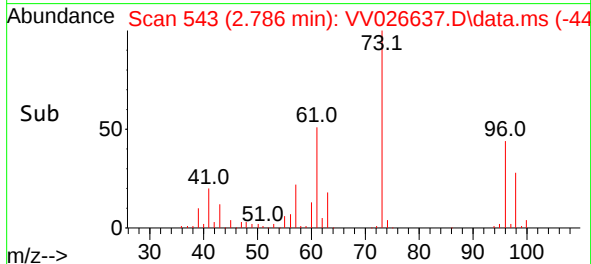
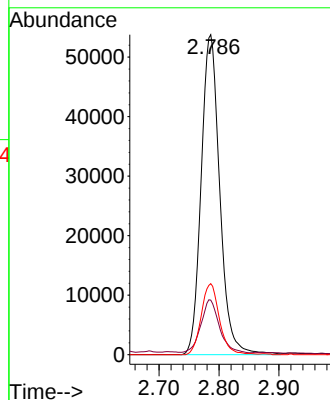
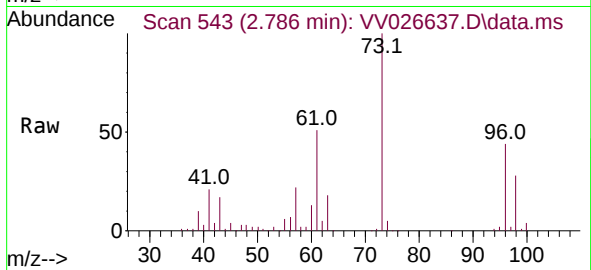




#17
Methyl tert-butyl Ether
Concen: 5.114 ug/L
RT: 2.786 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

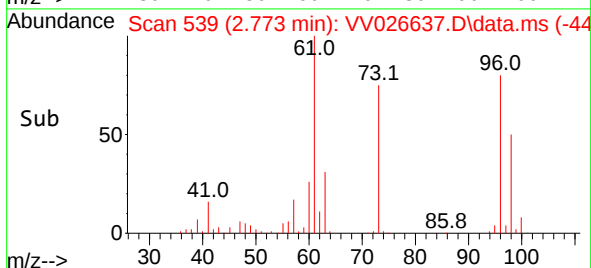
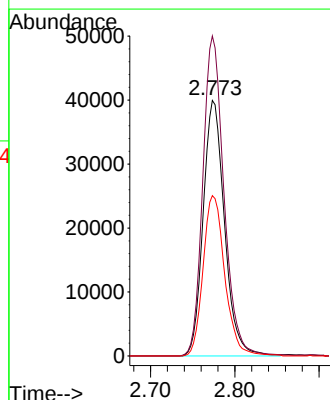
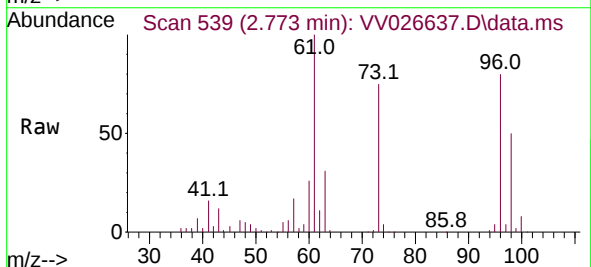
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

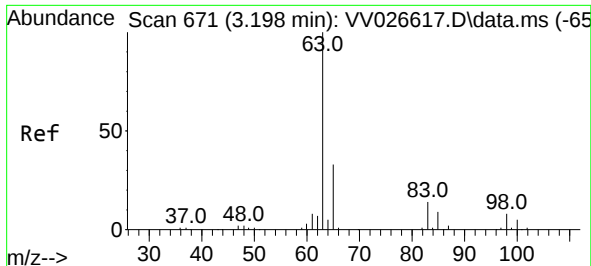
Tgt Ion: 73 Resp: 116214
Ion Ratio Lower Upper
73 100
43 16.4 13.3 19.9
57 21.6 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 4.957 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.003 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

Tgt Ion: 96 Resp: 70501
Ion Ratio Lower Upper
96 100
61 125.2 90.4 167.8
98 62.7 45.6 84.8





#19

1,1-Dichloroethane

Concen: 5.090 ug/L

RT: 3.204 min Scan# 6

Delta R.T. 0.007 min

Lab File: VV026637.D

Acq: 05 Jul 2022 11:40

Instrument :

MSVOA_V

ClientSampleId :

VSTD005341

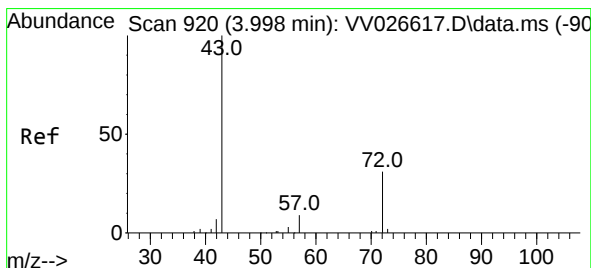
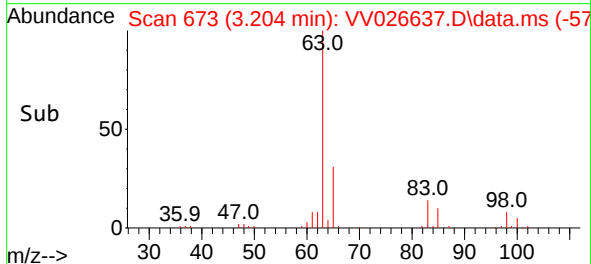
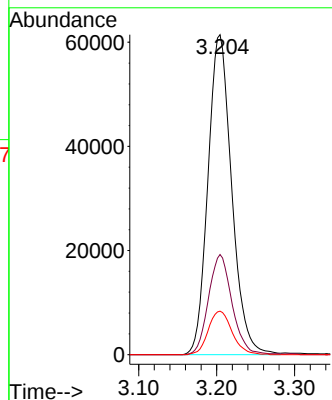
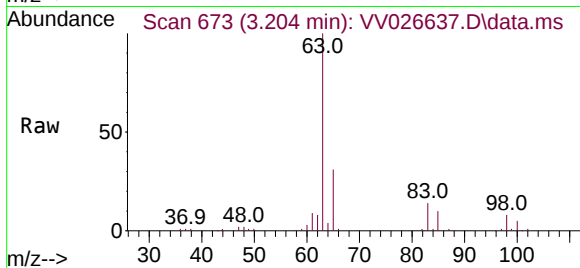
Tgt Ion: 63 Resp: 130014

Ion Ratio Lower Upper

63 100

65 31.3 23.0 42.6

83 13.6 10.2 19.0



#21

2-Butanone

Concen: 43.642 ug/L

RT: 4.002 min Scan# 921

Delta R.T. 0.003 min

Lab File: VV026637.D

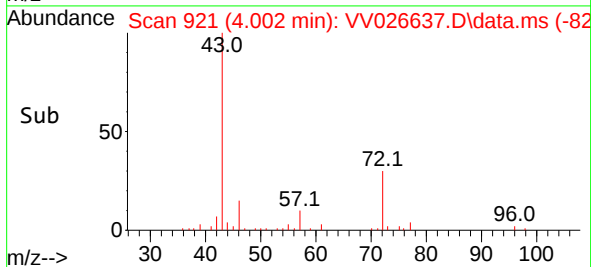
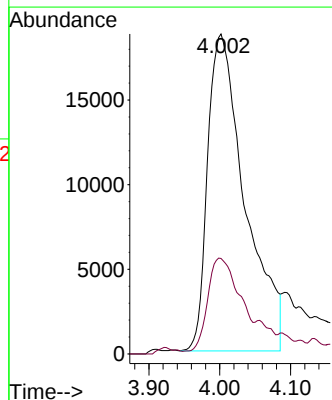
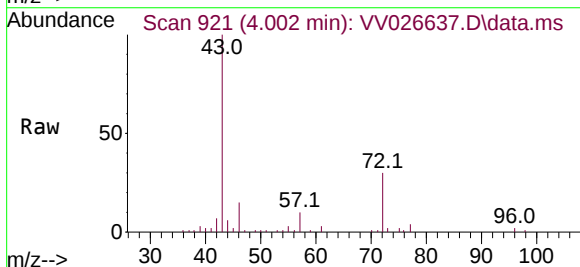
Acq: 05 Jul 2022 11:40

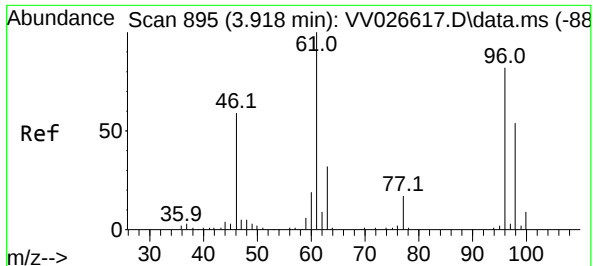
Tgt Ion: 43 Resp: 68738

Ion Ratio Lower Upper

43 100

72 25.2 13.5 40.5





#22

cis-1,2-Dichloroethene

Concen: 5.067 ug/L

RT: 3.928 min Scan# 895

Delta R.T. 0.010 min

Lab File: VV026637.D

Acq: 05 Jul 2022 11:40

Instrument :

MSVOA_V

ClientSampleId :

VSTD005341

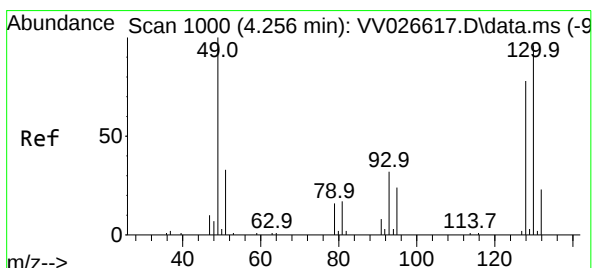
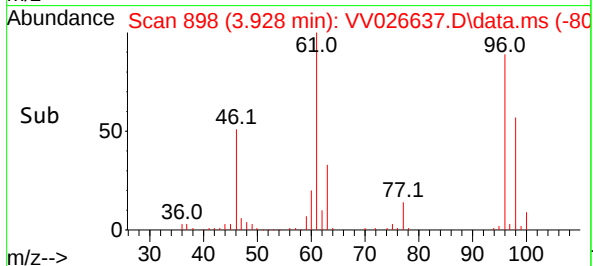
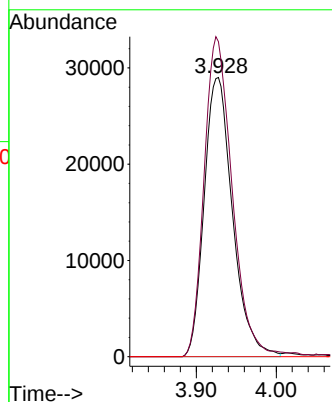
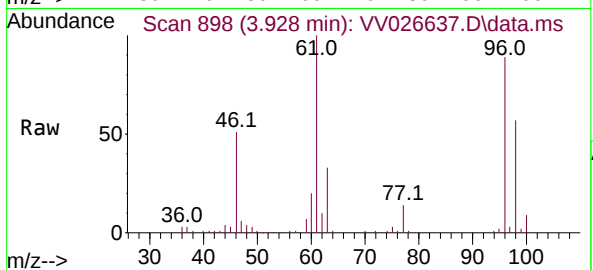
Tgt Ion: 96 Resp: 71562

Ion Ratio Lower Upper

96 100

61 112.9 82.0 152.2

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.482 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. 0.010 min

Lab File: VV026637.D

Acq: 05 Jul 2022 11:40

Tgt Ion: 128 Resp: 31890

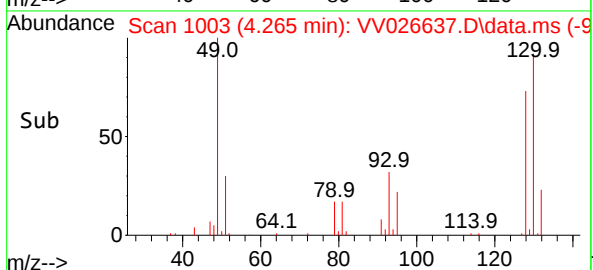
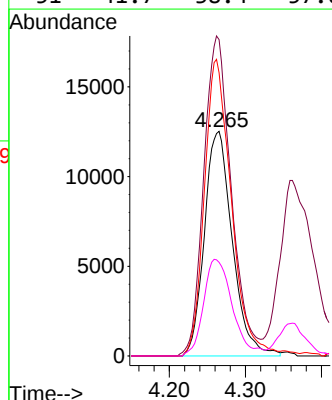
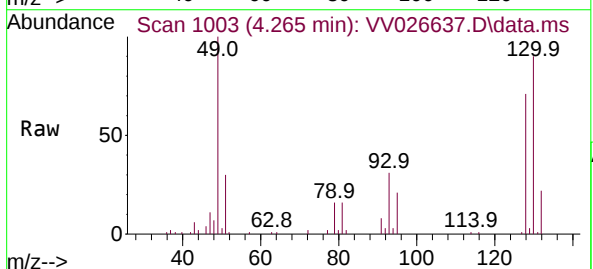
Ion Ratio Lower Upper

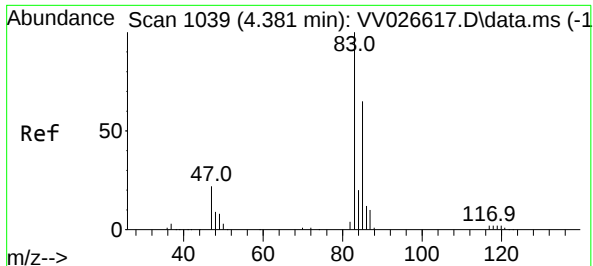
128 100

49 140.8 104.0 193.1

130 126.1 93.4 173.6

51 41.7 38.4 57.6





#25

Chloroform

Concen: 5.148 ug/L

RT: 4.387 min Scan# 1041

Delta R.T. 0.007 min

Lab File: VV026637.D

Acq: 05 Jul 2022 11:40

Instrument :

MSVOA_V

ClientSampleId :

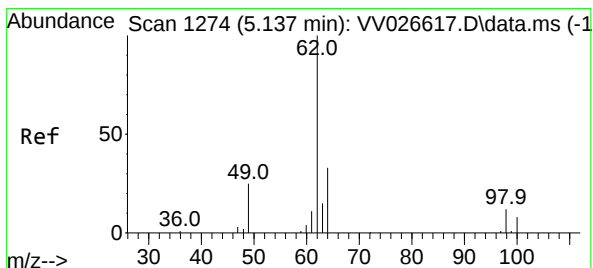
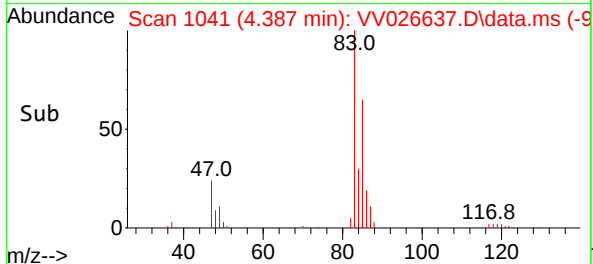
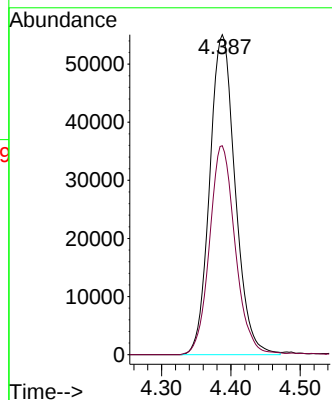
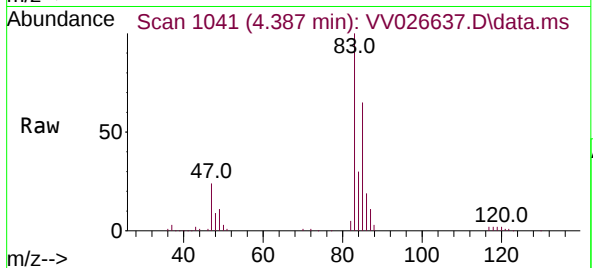
VSTD005341

Tgt Ion: 83 Resp: 140647

Ion Ratio Lower Upper

83 100

85 65.3 44.0 81.8



#27

1,2-Dichloroethane

Concen: 4.994 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.003 min

Lab File: VV026637.D

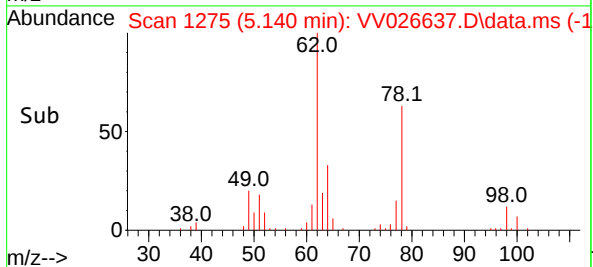
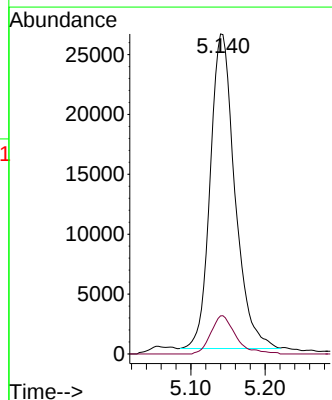
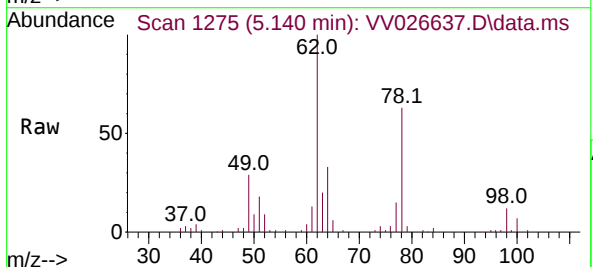
Acq: 05 Jul 2022 11:40

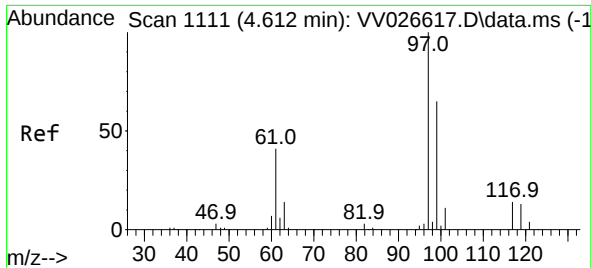
Tgt Ion: 62 Resp: 60734

Ion Ratio Lower Upper

62 100

98 11.9 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 4.996 ug/L

RT: 4.619 min Scan# 1111

Delta R.T. 0.007 min

Lab File: VV026637.D

Acq: 05 Jul 2022 11:40

Instrument :

MSVOA_V

ClientSampleId :

VSTD005341

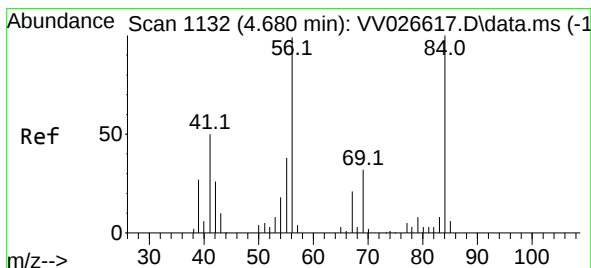
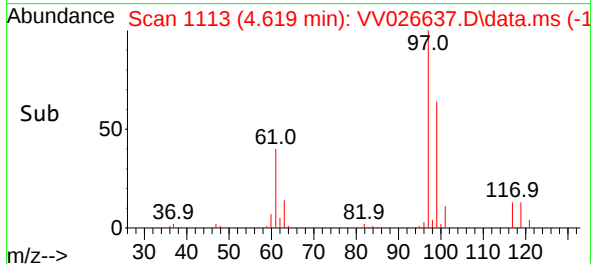
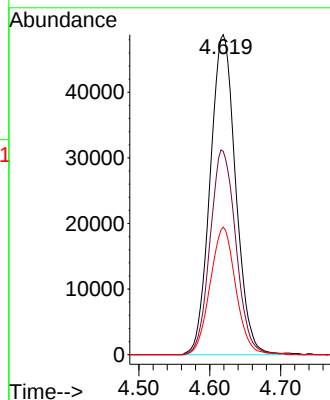
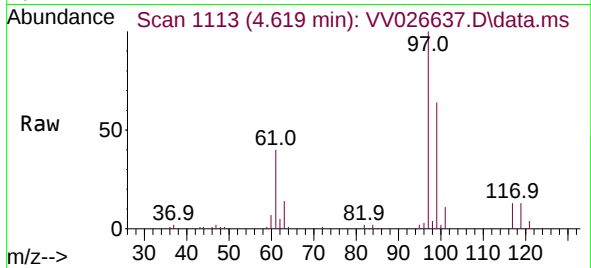
Tgt Ion: 97 Resp: 122007

Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.4

61 40.1 33.0 49.4



#30

Cyclohexane

Concen: 4.499 ug/L

RT: 4.686 min Scan# 1134

Delta R.T. 0.007 min

Lab File: VV026637.D

Acq: 05 Jul 2022 11:40

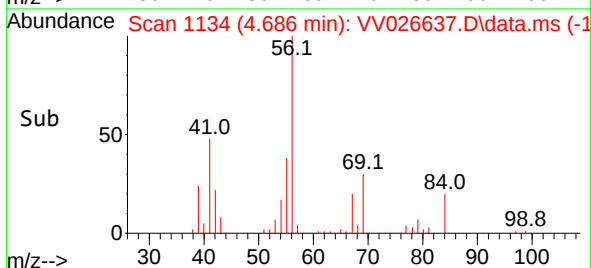
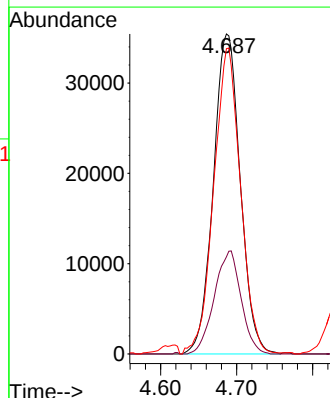
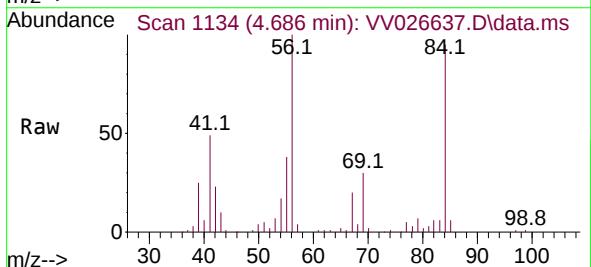
Tgt Ion: 56 Resp: 86980

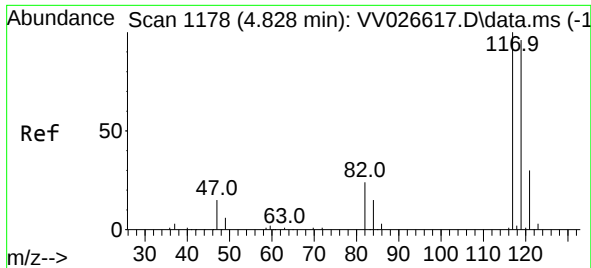
Ion Ratio Lower Upper

56 100

69 32.1 25.4 38.2

84 95.3 77.8 116.6

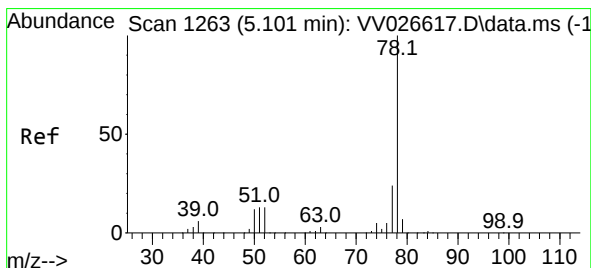
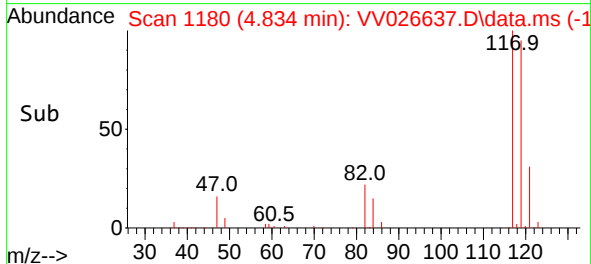
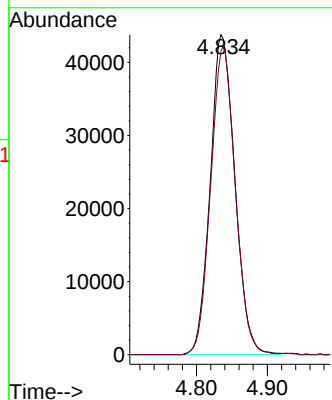
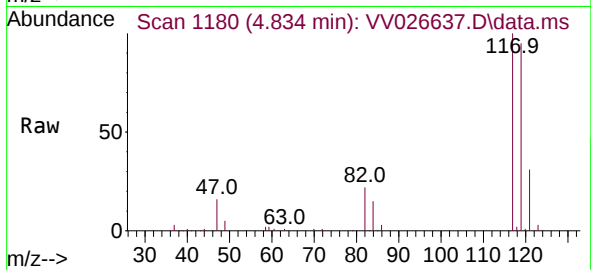




#31
Carbon tetrachloride
Concen: 5.171 ug/L
RT: 4.834 min Scan# 1178
Delta R.T. 0.007 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

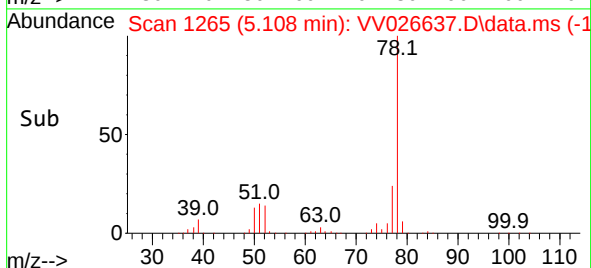
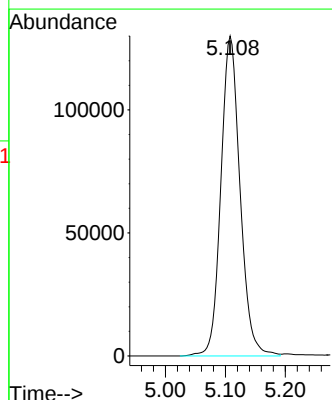
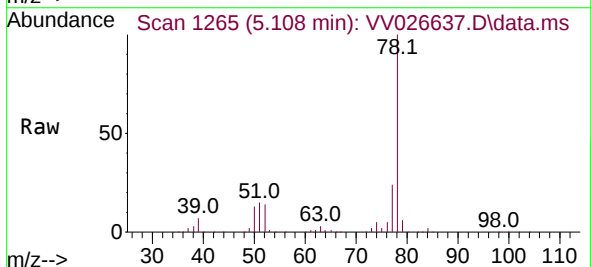
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

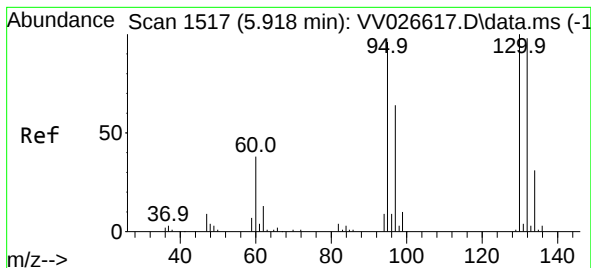
Tgt Ion:117 Resp: 105926
Ion Ratio Lower Upper
117 100
119 95.9 76.9 115.3



#33
Benzene
Concen: 4.973 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.007 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

Tgt Ion: 78 Resp: 288187





#34

Trichloroethene

Concen: 4.754 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.003 min

Lab File: VV026637.D

Acq: 05 Jul 2022 11:40

Instrument :

MSVOA_V

ClientSampleId :

VSTD005341

Tgt Ion: 95 Resp: 72413

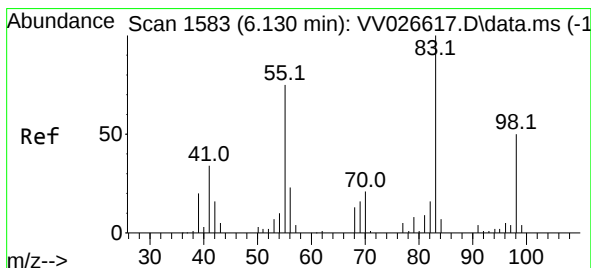
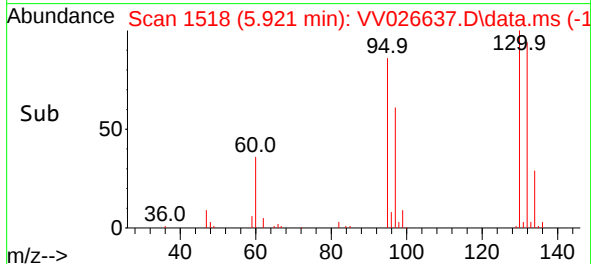
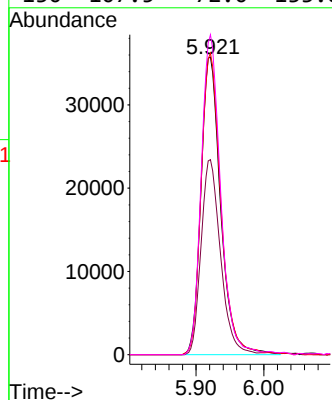
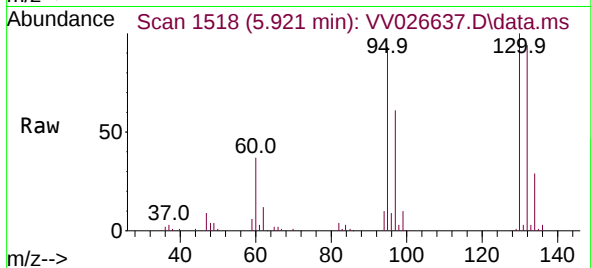
Ion Ratio Lower Upper

95 100

97 65.5 46.8 87.0

132 101.4 69.9 129.7

130 107.5 72.0 133.8



#35

Methylcyclohexane

Concen: 4.518 ug/L

RT: 6.137 min Scan# 1585

Delta R.T. 0.007 min

Lab File: VV026637.D

Acq: 05 Jul 2022 11:40

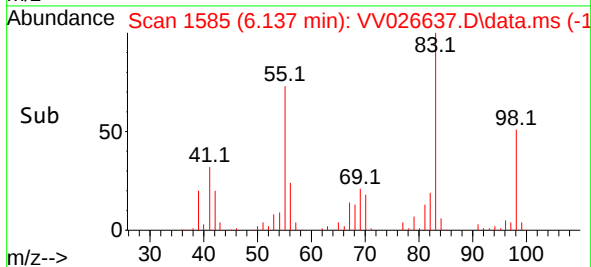
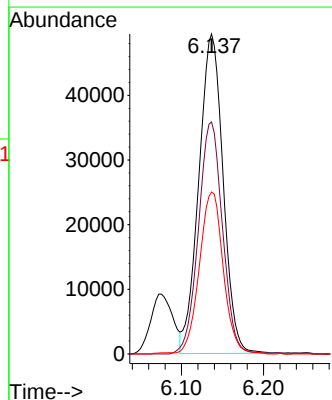
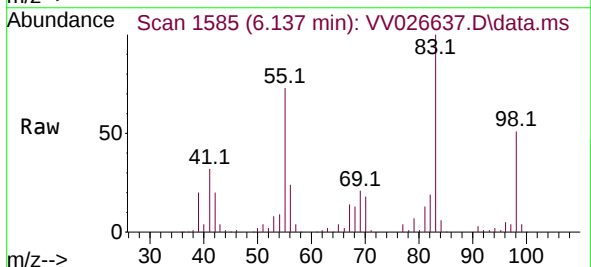
Tgt Ion: 83 Resp: 101824

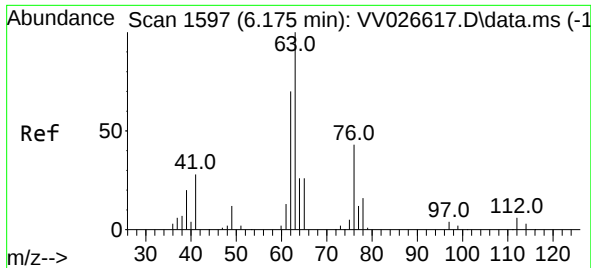
Ion Ratio Lower Upper

83 100

55 72.0 57.0 85.4

98 49.9 39.8 59.8





#37

1,2-Dichloropropane

Concen: 5.007 ug/L

RT: 6.178 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026637.D

Acq: 05 Jul 2022 11:40

Instrument :

MSVOA_V

ClientSampleId :

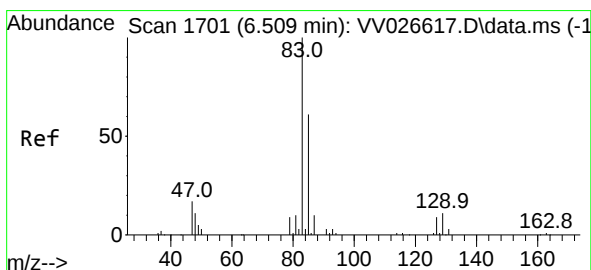
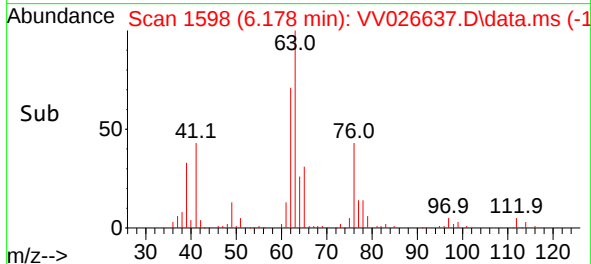
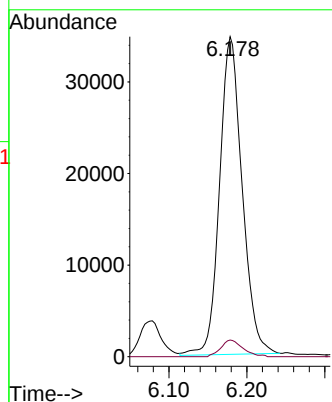
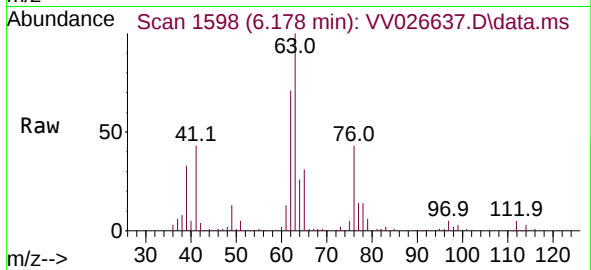
VSTD005341

Tgt Ion: 63 Resp: 69933

Ion Ratio Lower Upper

63 100

112 5.1 4.2 6.4



#38

Bromodichloromethane

Concen: 5.280 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV026637.D

Acq: 05 Jul 2022 11:40

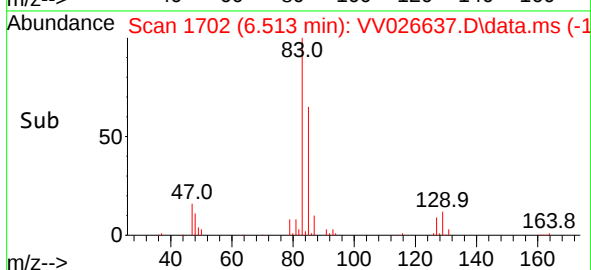
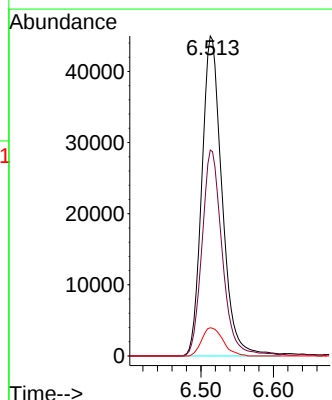
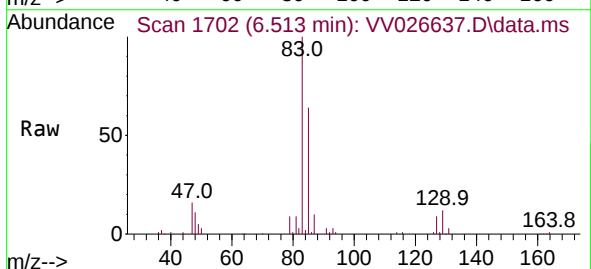
Tgt Ion: 83 Resp: 87051

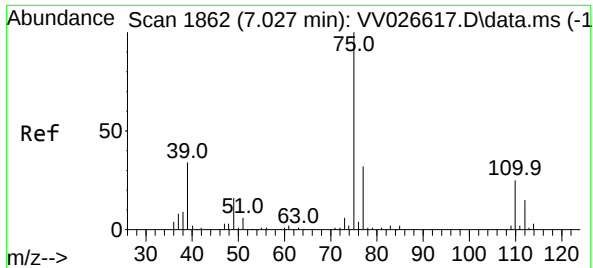
Ion Ratio Lower Upper

83 100

85 64.3 44.0 81.8

127 8.8 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.543 ug/L

RT: 7.030 min Scan# 1863

Delta R.T. 0.003 min

Lab File: VV026637.D

Acq: 05 Jul 2022 11:40

Instrument :

MSVOA_V

ClientSampleId :

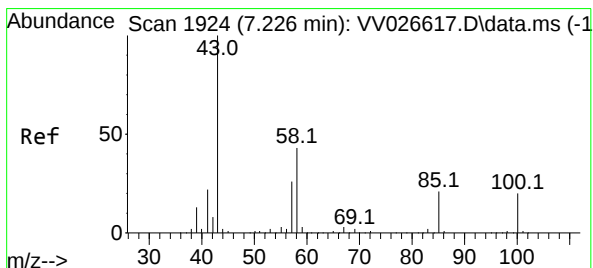
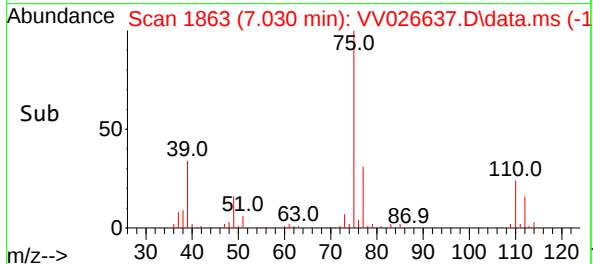
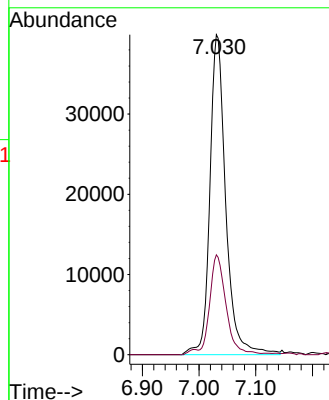
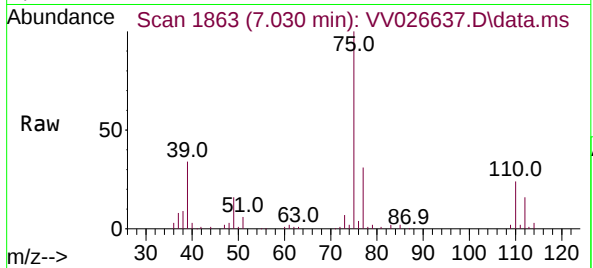
VSTD005341

Tgt Ion: 75 Resp: 77807

Ion Ratio Lower Upper

75 100

77 31.2 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 53.433 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV026637.D

Acq: 05 Jul 2022 11:40

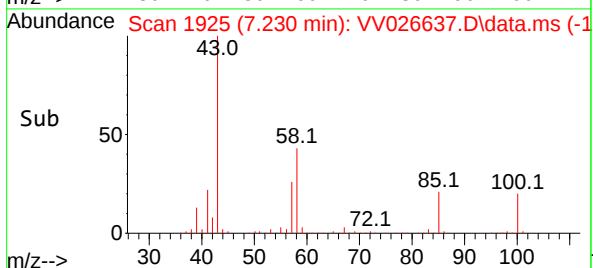
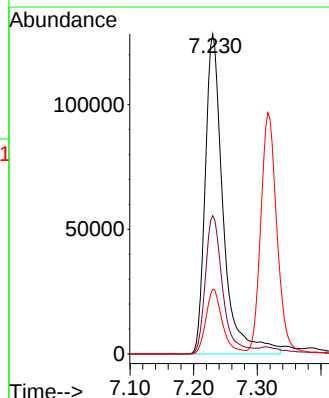
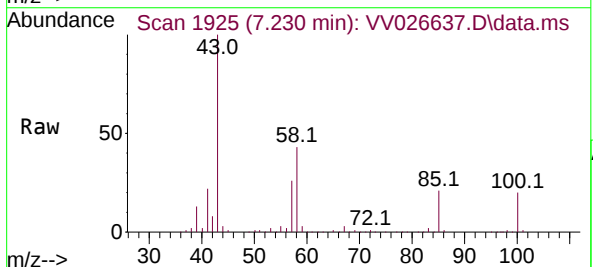
Tgt Ion: 43 Resp: 252065

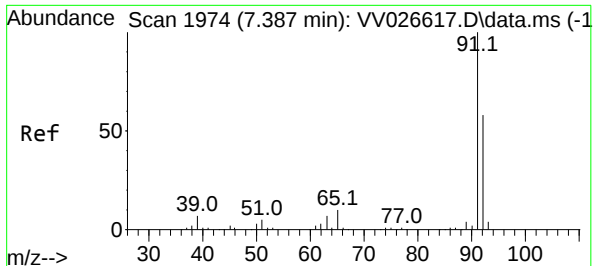
Ion Ratio Lower Upper

43 100

58 41.8 33.3 49.9

100 18.6 14.3 21.5





#42

Toluene

Concen: 5.202 ug/L

RT: 7.391 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV026637.D

Acq: 05 Jul 2022 11:40

Instrument :

MSVOA_V

ClientSampleId :

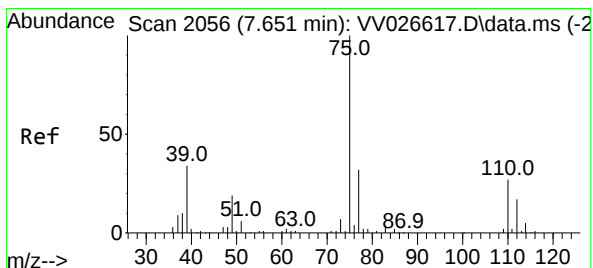
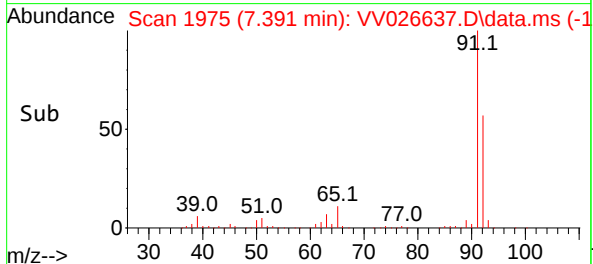
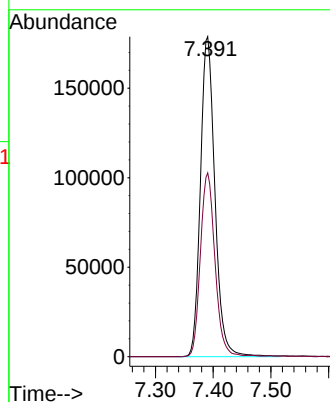
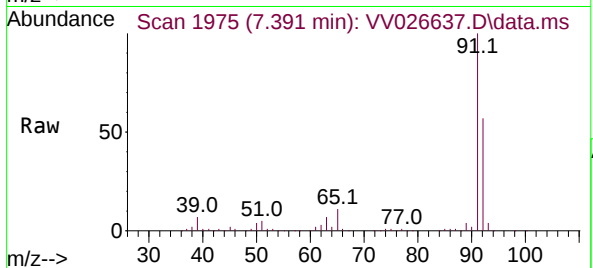
VSTD005341

Tgt Ion: 91 Resp: 311148

Ion Ratio Lower Upper

91 100

92 57.4 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 6.028 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV026637.D

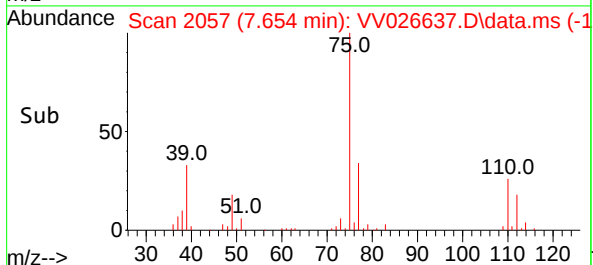
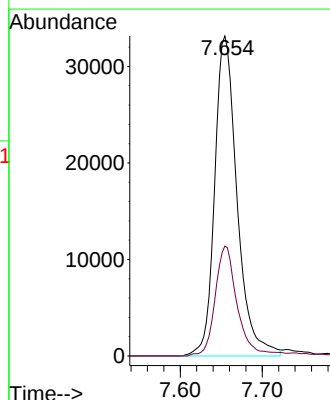
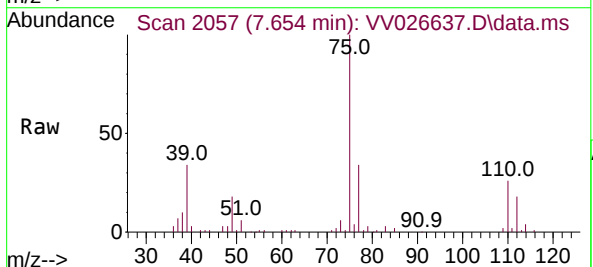
Acq: 05 Jul 2022 11:40

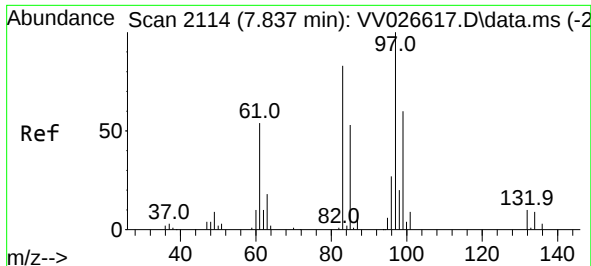
Tgt Ion: 75 Resp: 62942

Ion Ratio Lower Upper

75 100

77 34.4 23.1 42.9

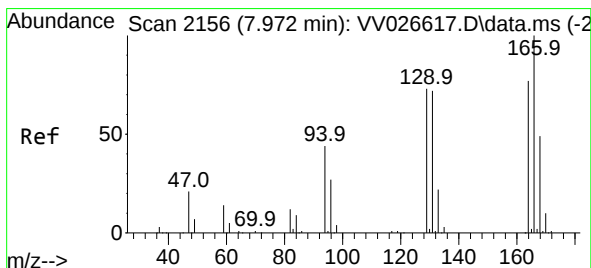
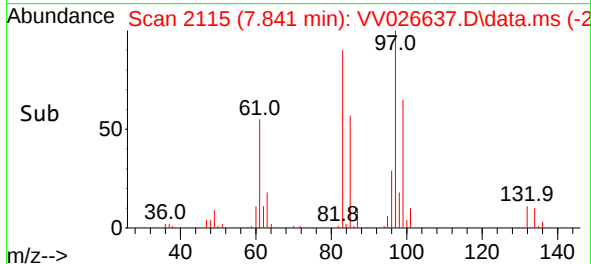
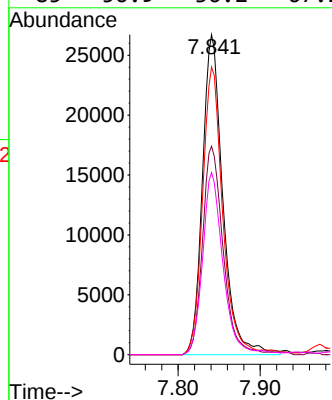
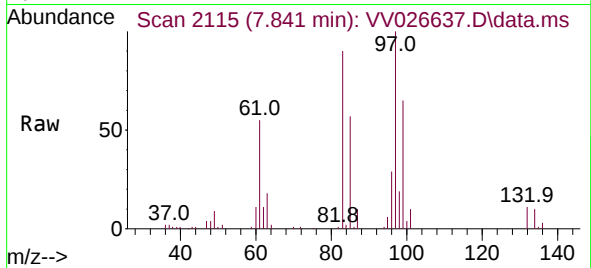




#45
1,1,2-Trichloroethane
Concen: 5.254 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

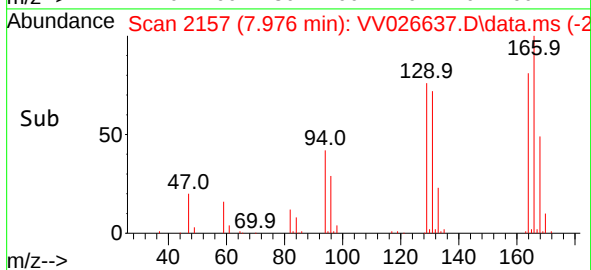
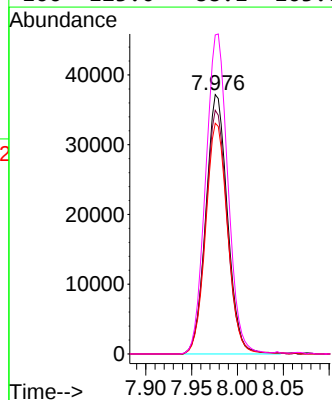
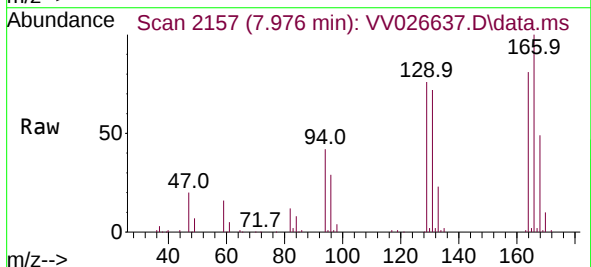
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

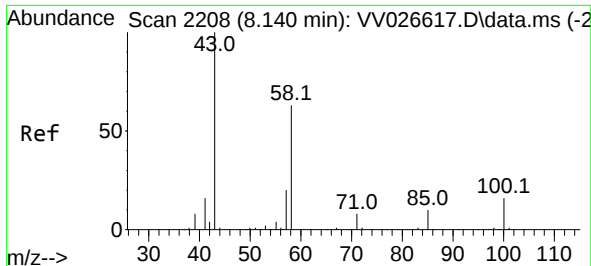
Tgt Ion:	97	Resp:	46272
Ion	Ratio	Lower	Upper
97	100		
99	65.1	43.4	80.6
83	89.9	58.0	107.8
85	56.9	36.2	67.2



#47
Tetrachloroethene
Concen: 5.028 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

Tgt Ion:	164	Resp:	60983
Ion	Ratio	Lower	Upper
164	100		
129	93.9	66.4	123.2
131	88.9	64.4	119.6
166	123.0	88.1	163.7



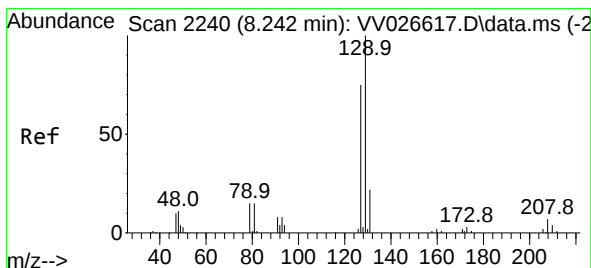
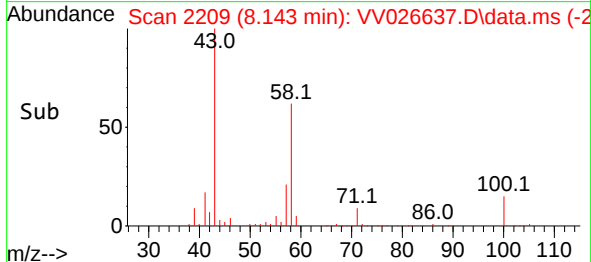
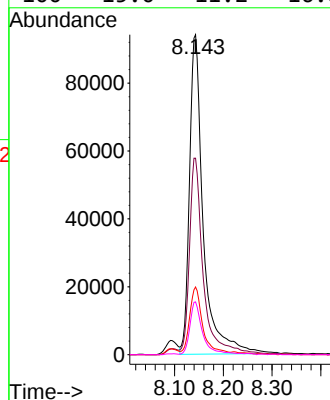
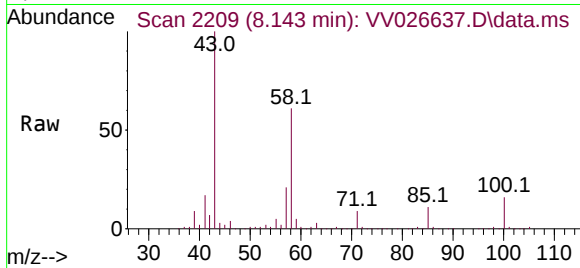


#48
2-Hexanone
Concen: 56.523 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

Tgt Ion: 43 Resp: 185610

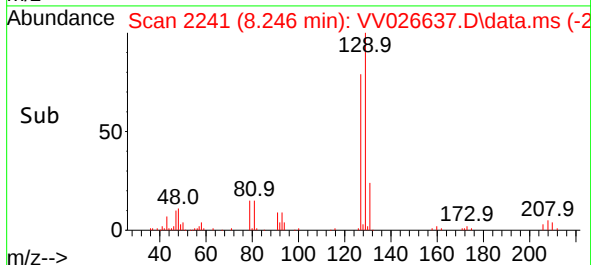
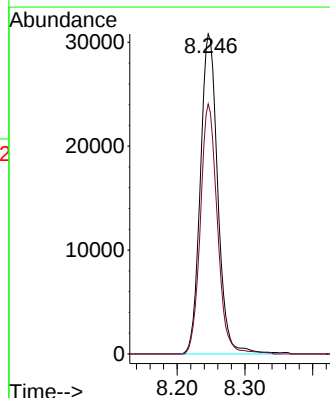
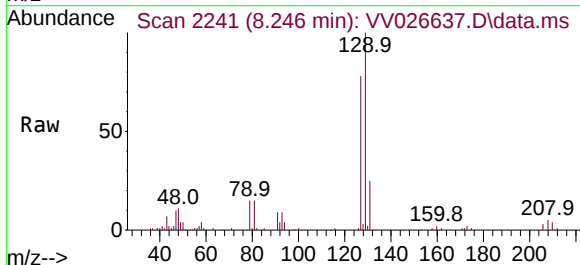
Ion	Ratio	Lower	Upper
43	100		
58	60.9	47.8	71.6
57	18.9	15.0	22.6
100	15.0	11.2	16.8

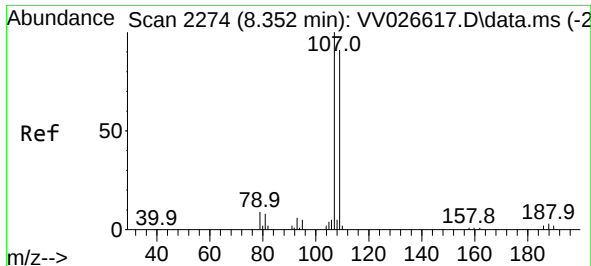


#49
Dibromochloromethane
Concen: 6.145 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

Tgt Ion: 129 Resp: 54797

Ion	Ratio	Lower	Upper
129	100		
127	78.2	54.2	100.6





#50

1,2-Dibromoethane

Concen: 5.414 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026637.D

Acq: 05 Jul 2022 11:40

Instrument :

MSVOA_V

ClientSampleId :

VSTD005341

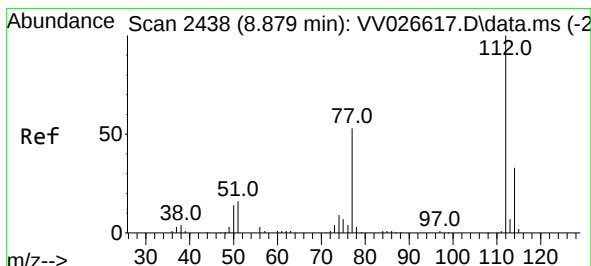
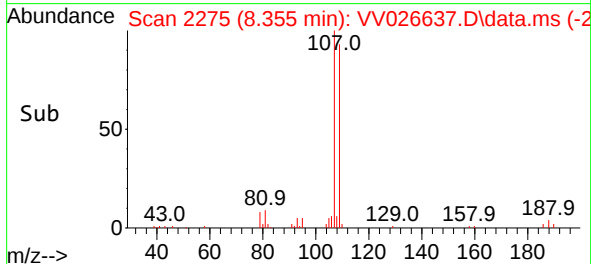
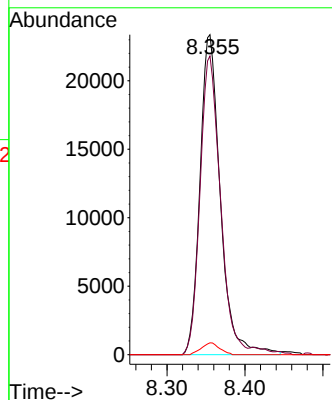
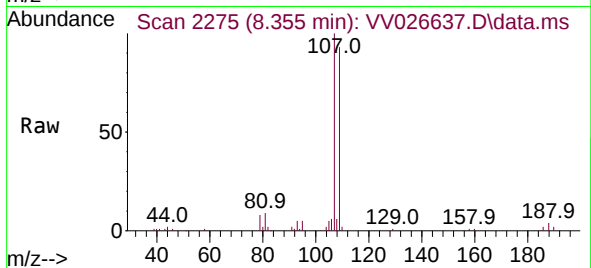
Tgt Ion:107 Resp: 42393

Ion Ratio Lower Upper

107 100

109 93.4 67.8 125.8

188 3.7 3.2 4.8



#51

Chlorobenzene

Concen: 4.987 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV026637.D

Acq: 05 Jul 2022 11:40

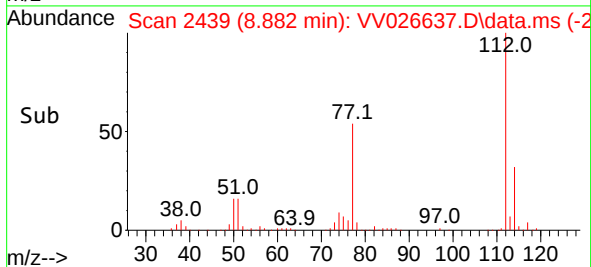
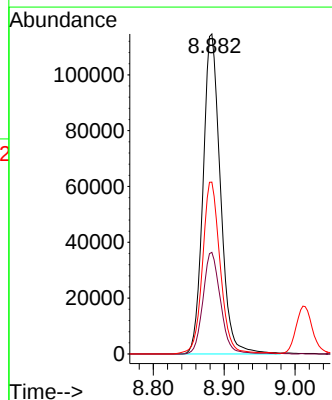
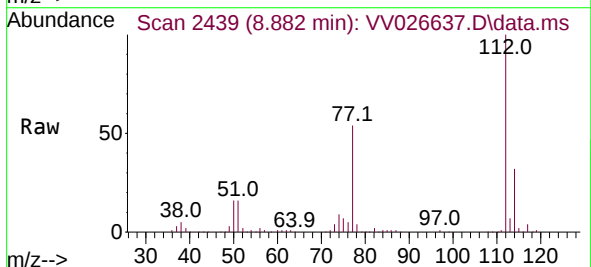
Tgt Ion:112 Resp: 195415

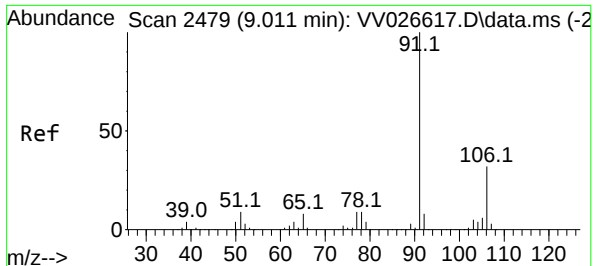
Ion Ratio Lower Upper

112 100

114 31.8 22.3 41.5

77 53.7 44.4 66.6





#52

Ethylbenzene

Concen: 4.876 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV026637.D

Acq: 05 Jul 2022 11:40

Instrument :

MSVOA_V

ClientSampleId :

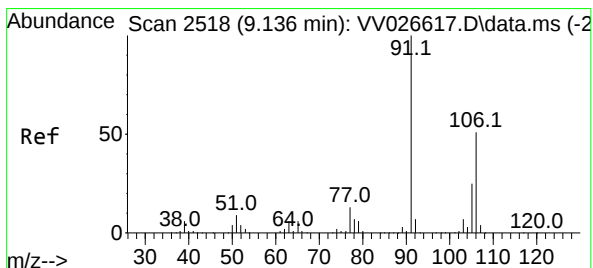
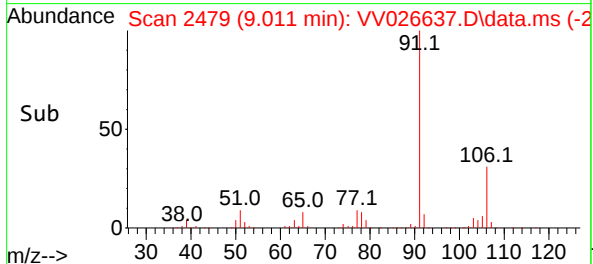
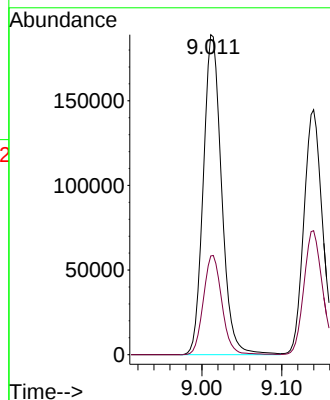
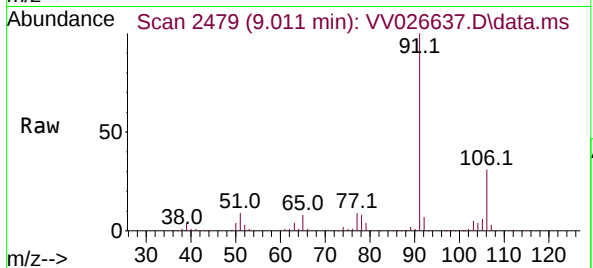
VSTD005341

Tgt Ion: 91 Resp: 301686

Ion Ratio Lower Upper

91 100

106 30.8 22.1 41.1



#53

m,p-Xylene

Concen: 4.983 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV026637.D

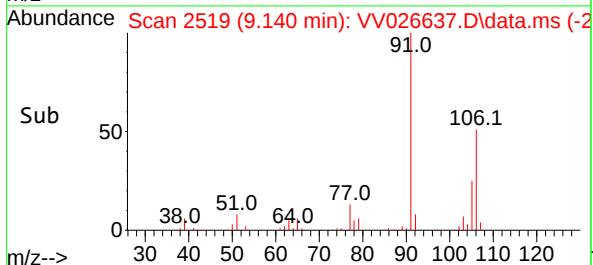
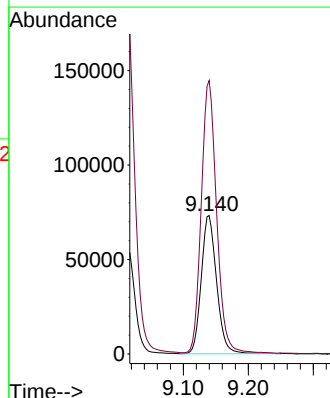
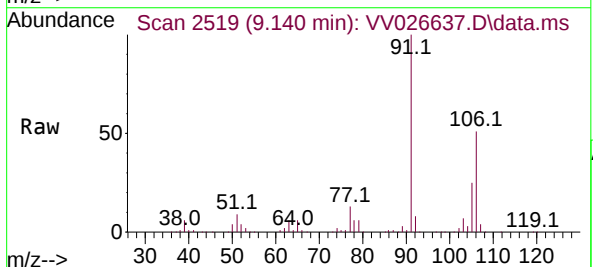
Acq: 05 Jul 2022 11:40

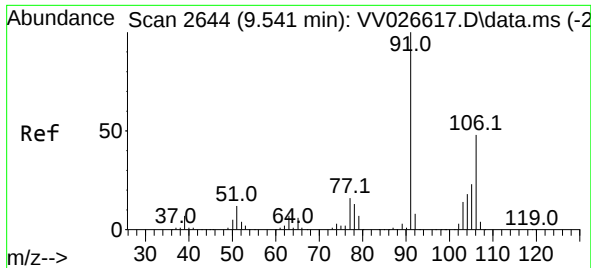
Tgt Ion: 106 Resp: 120249

Ion Ratio Lower Upper

106 100

91 197.6 139.9 259.9

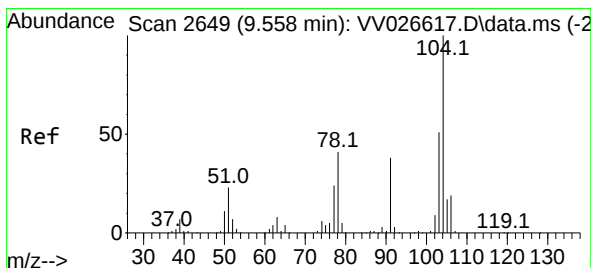
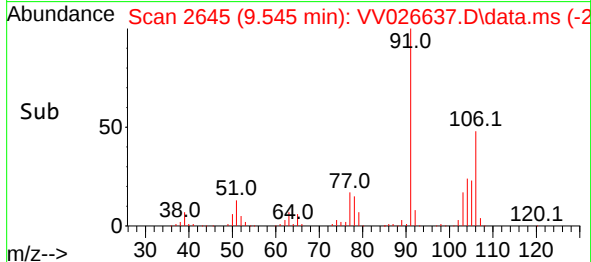
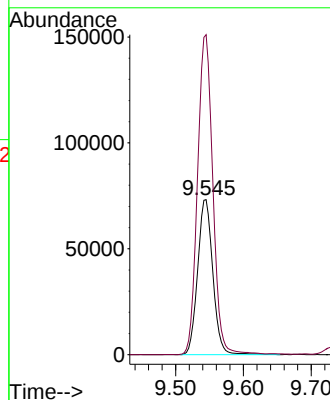
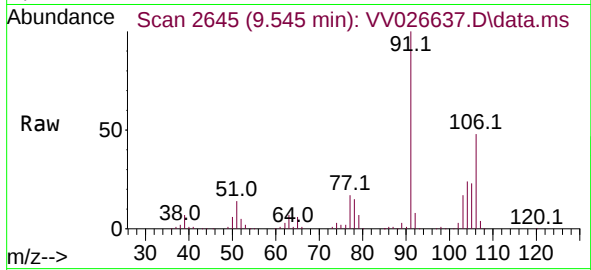




#54
o-Xylene
Concen: 5.026 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

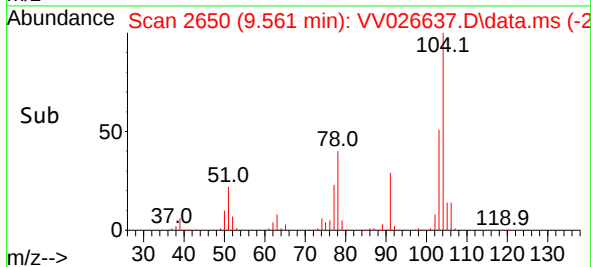
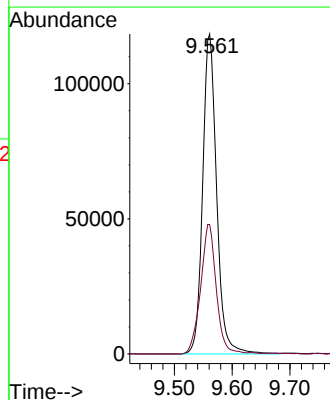
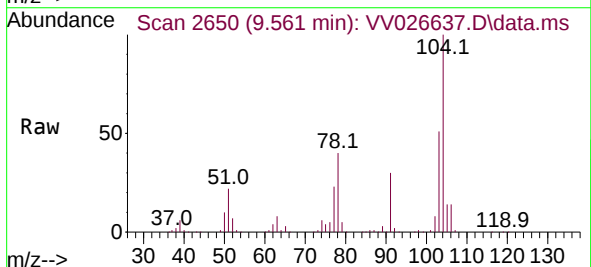
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

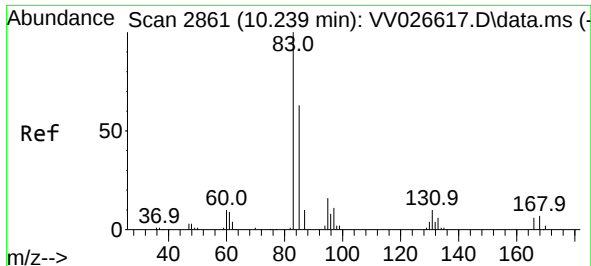
Tgt Ion:106 Resp: 113853
Ion Ratio Lower Upper
106 100
91 206.4 147.5 273.9



#55
Styrene
Concen: 5.306 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

Tgt Ion:104 Resp: 199075
Ion Ratio Lower Upper
104 100
78 40.5 28.4 52.8

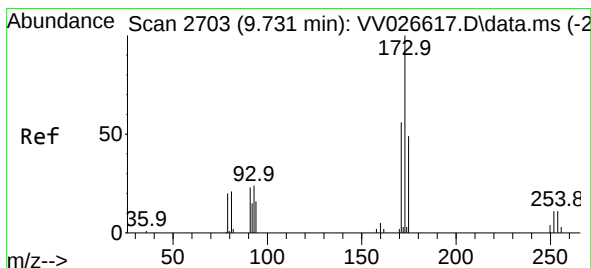
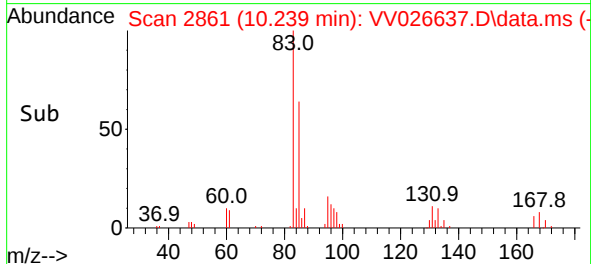
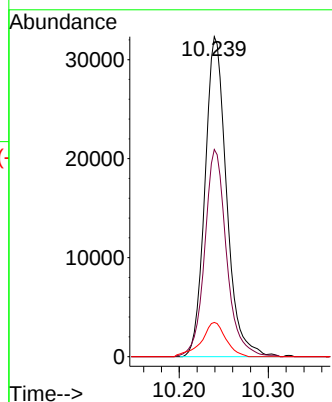
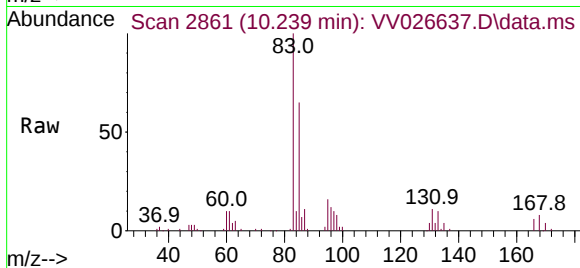




#57
1,1,2,2-Tetrachloroethane
Concen: 5.536 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

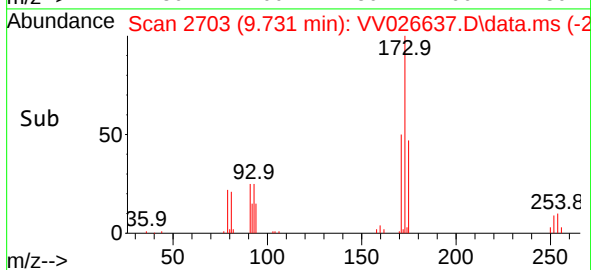
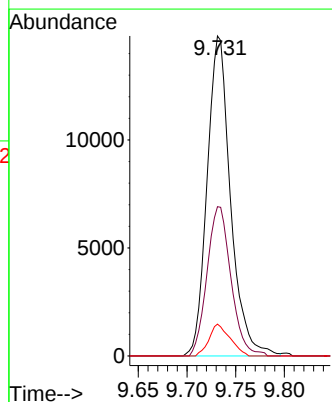
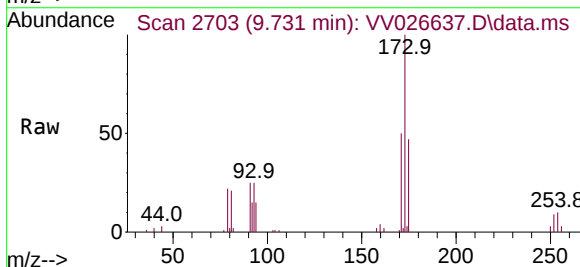
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

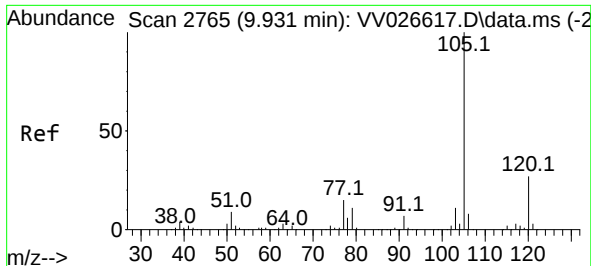
Tgt Ion: 83 Resp: 54444
Ion Ratio Lower Upper
83 100
85 64.8 44.3 82.3
131 10.7 8.0 12.0



#59
Bromoform
Concen: 6.427 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

Tgt Ion: 173 Resp: 24777
Ion Ratio Lower Upper
173 100
175 47.6 37.9 56.9
254 8.9 6.3 9.5

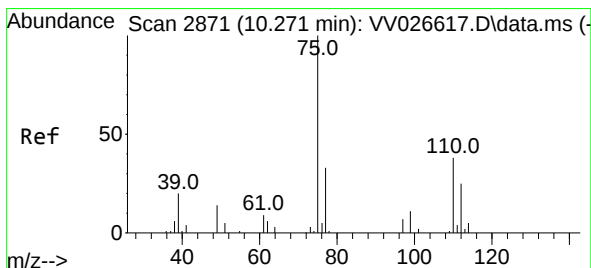
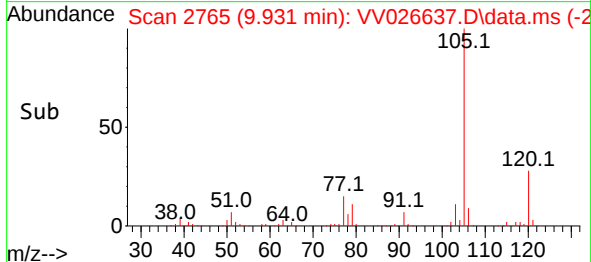
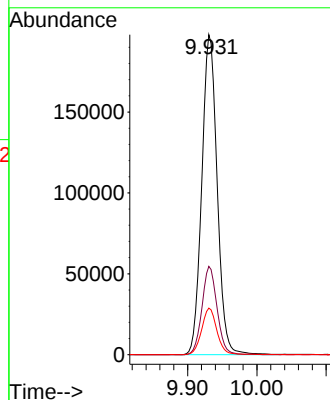
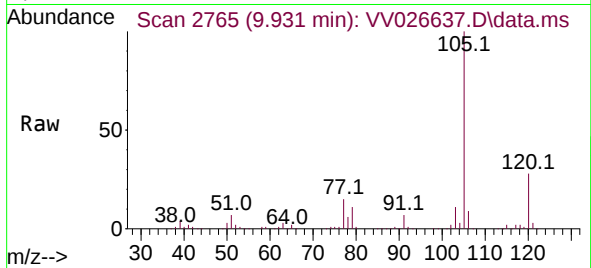




#60
Isopropylbenzene
Concen: 4.731 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

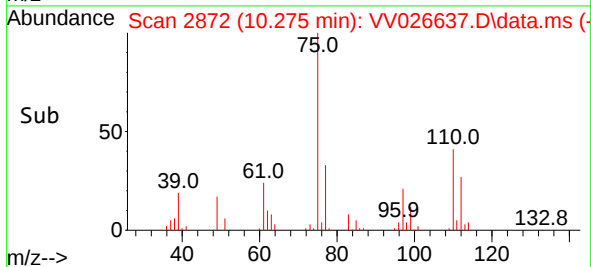
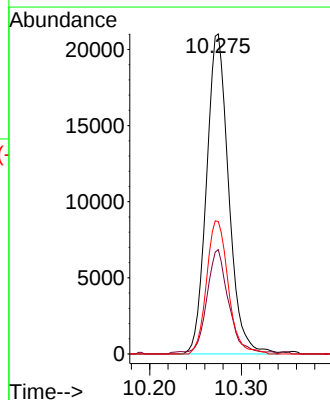
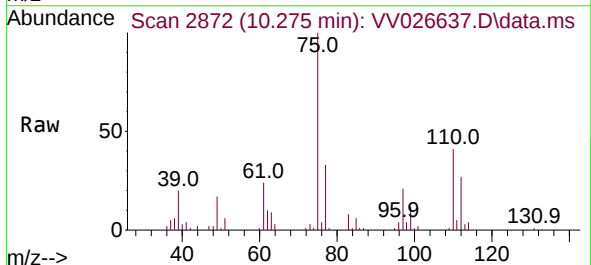
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

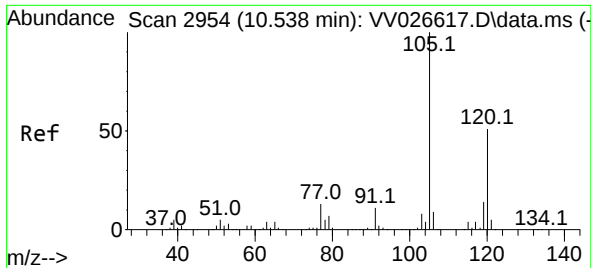
Tgt Ion:105 Resp: 305255
Ion Ratio Lower Upper
105 100
120 26.9 21.4 32.2
77 14.4 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 5.216 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

Tgt Ion: 75 Resp: 35335
Ion Ratio Lower Upper
75 100
77 30.0 25.8 38.6
110 40.6 32.5 48.7

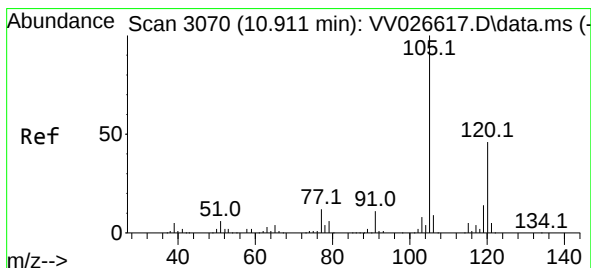
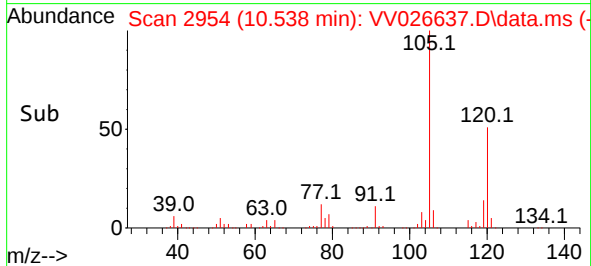
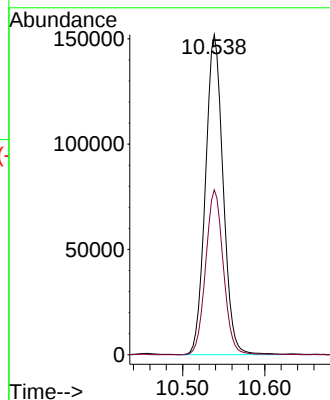
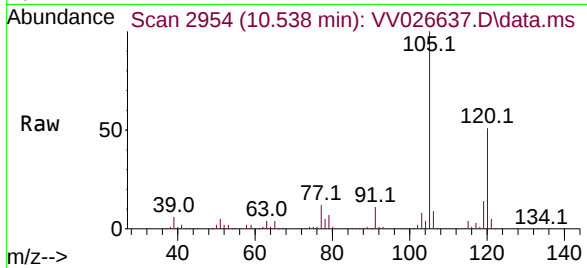




#62
1,3,5-Trimethylbenzene
Concen: 4.460 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

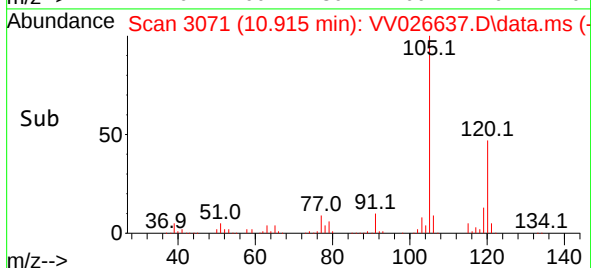
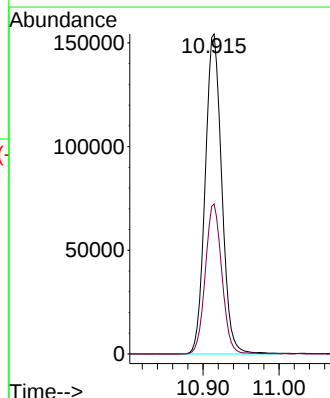
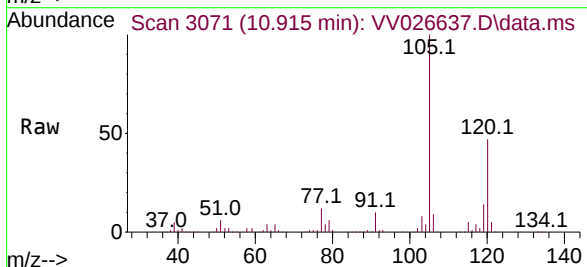
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

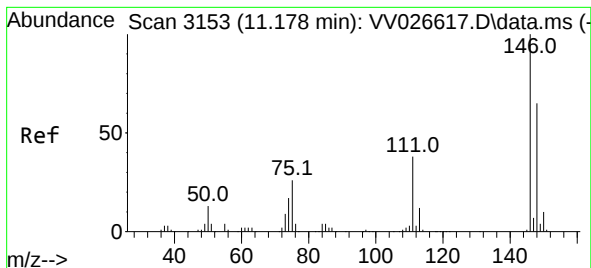
Tgt Ion:105 Resp: 227484
Ion Ratio Lower Upper
105 100
120 51.5 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 4.641 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

Tgt Ion:105 Resp: 233405
Ion Ratio Lower Upper
105 100
120 46.7 37.4 56.2





#64

1,3-Dichlorobenzene

Concen: 4.937 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.000 min

Lab File: VV026637.D

Acq: 05 Jul 2022 11:40

Instrument :

MSVOA_V

ClientSampleId :

VSTD005341

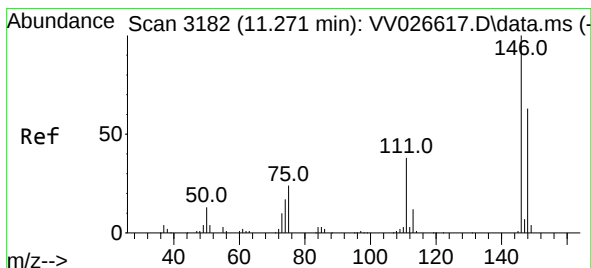
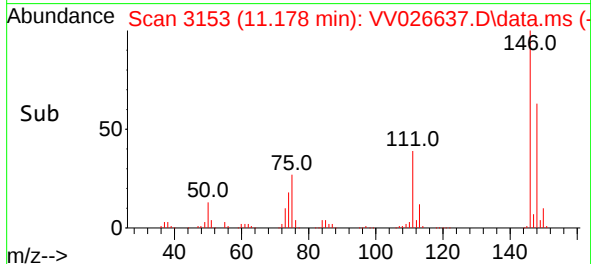
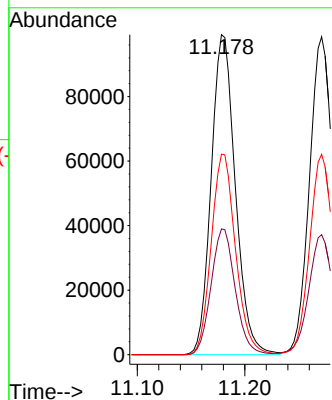
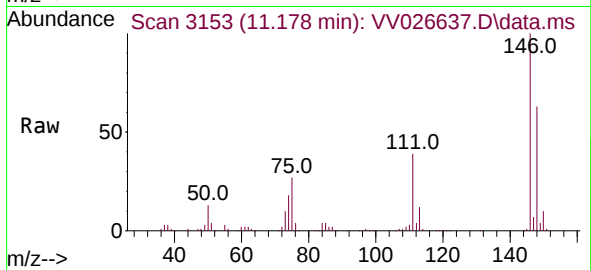
Tgt Ion:146 Resp: 154955

Ion Ratio Lower Upper

146 100

111 39.3 27.9 51.7

148 62.6 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 4.967 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. 0.000 min

Lab File: VV026637.D

Acq: 05 Jul 2022 11:40

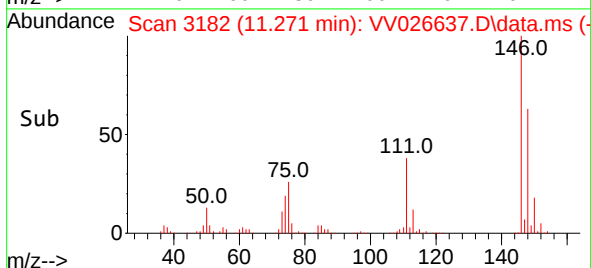
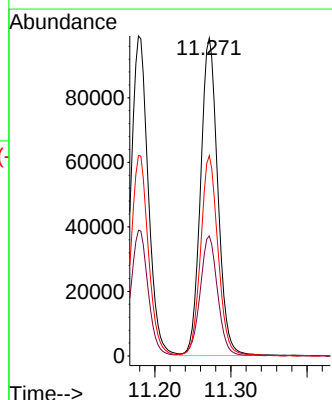
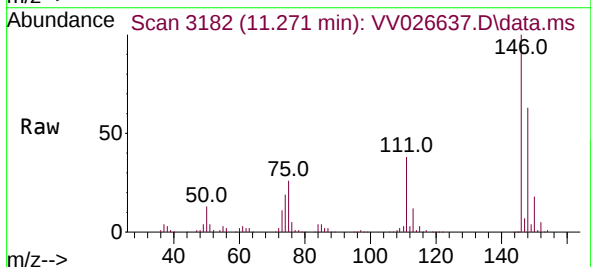
Tgt Ion:146 Resp: 154794

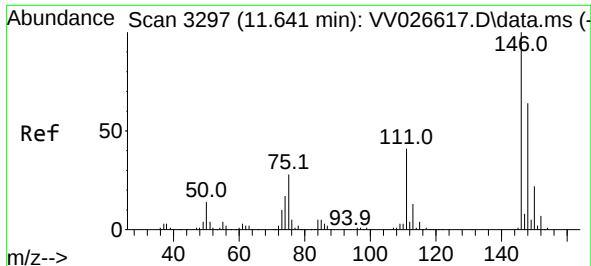
Ion Ratio Lower Upper

146 100

111 37.8 26.5 49.3

148 63.0 43.7 81.1

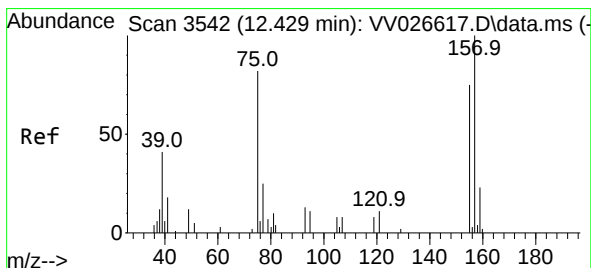
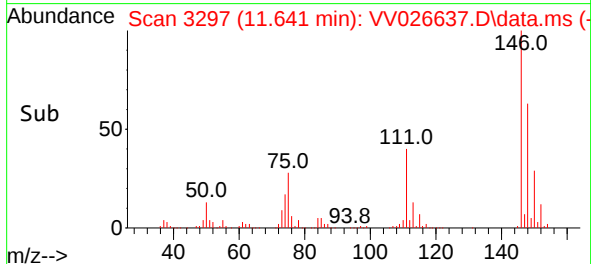
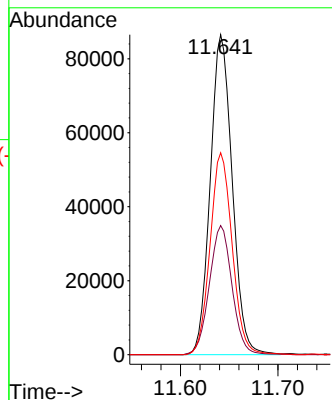
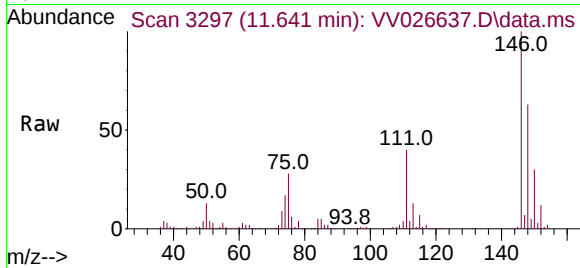




#67
1,2-Dichlorobenzene
Concen: 5.070 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

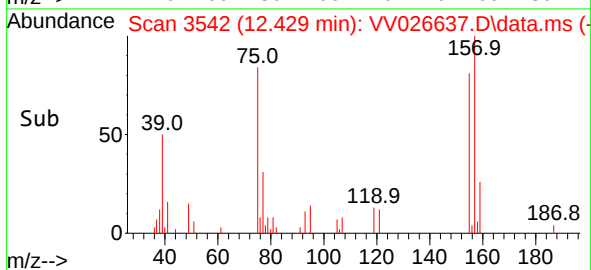
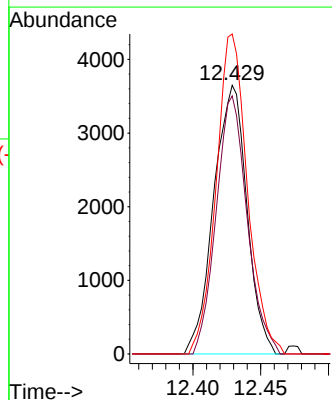
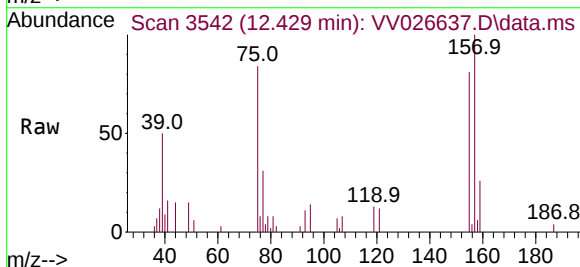
Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

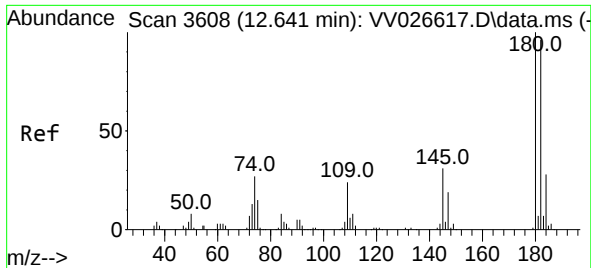
Tgt Ion:146 Resp: 135390
Ion Ratio Lower Upper
146 100
111 40.4 32.8 49.2
148 63.1 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.107 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

Tgt Ion: 75 Resp: 6205
Ion Ratio Lower Upper
75 100
155 96.1 74.7 112.1
157 119.1 96.9 145.3



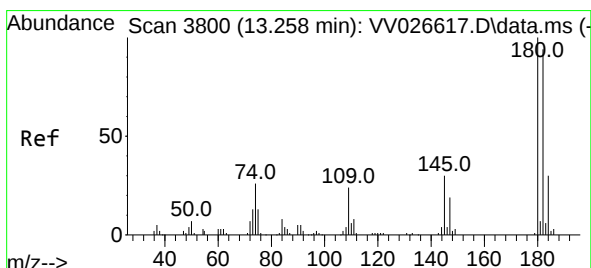
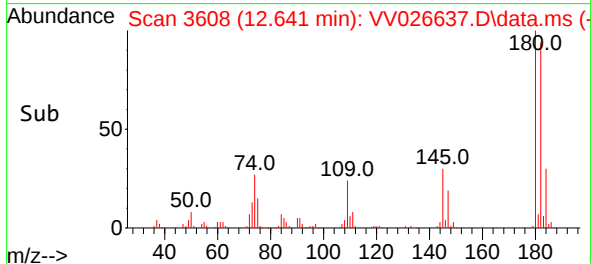
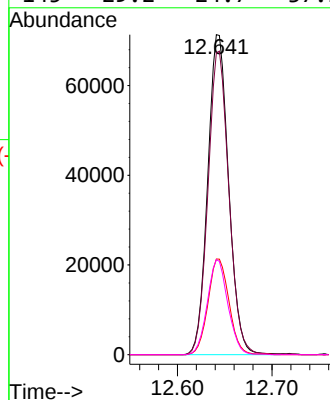
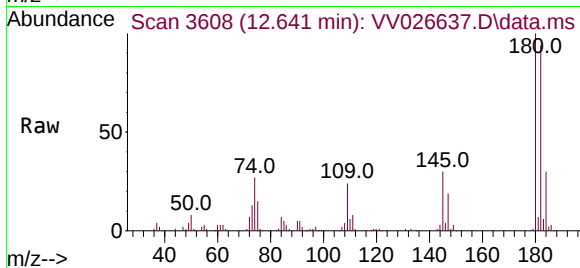


#69
 1,3,5-Trichlorobenzene
 Concen: 4.854 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VV026637.D
 Acq: 05 Jul 2022 11:40

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005341

Tgt Ion:180 Resp: 109548

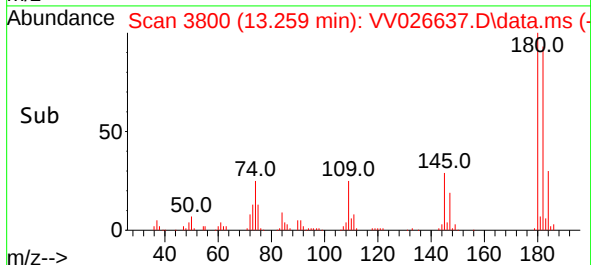
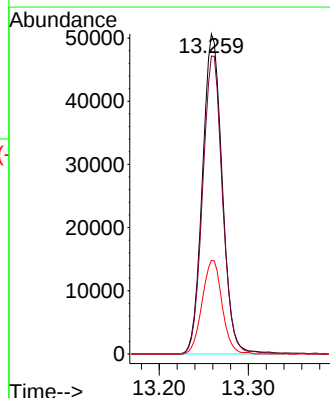
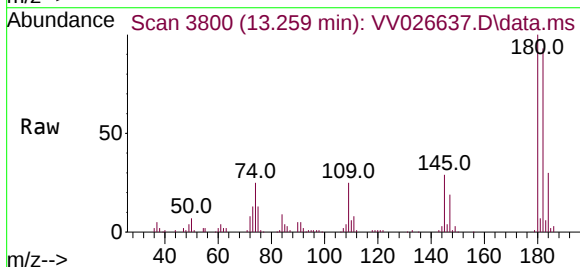
Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.6	115.0
184	30.2	24.1	36.1
145	29.2	24.7	37.1

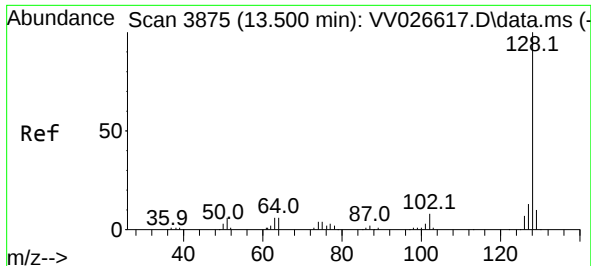


#70
 1,2,4-trichlorobenzene
 Concen: 4.885 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026637.D
 Acq: 05 Jul 2022 11:40

Tgt Ion:180 Resp: 77843

Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.2	112.8
145	29.5	24.4	36.6

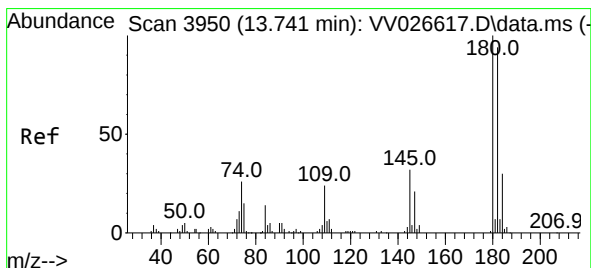
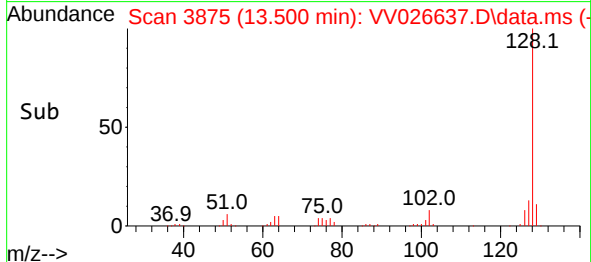
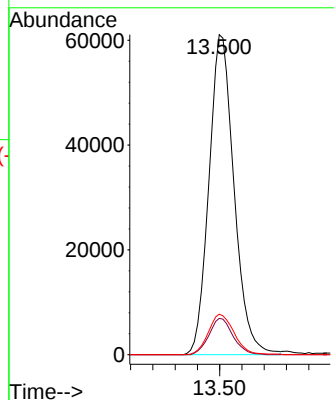
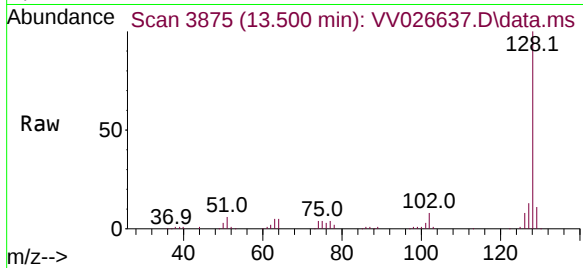




#71
Naphthalene
Concen: 4.598 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

Instrument :
MSVOA_V
ClientSampleId :
VSTD005341

Tgt Ion:128	Resp:	95584
Ion Ratio	Lower	Upper
128	100	
129	10.9	8.6 12.8
127	13.0	10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.953 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026637.D
Acq: 05 Jul 2022 11:40

Tgt Ion:180	Resp:	64593
Ion Ratio	Lower	Upper
180	100	
182	98.9	76.8 115.2
145	32.1	25.8 38.6

