

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW063022\
 Data File : VW026615.D
 Acq On : 30 Jun 2022 18:25
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050303

Quant Time: Jul 01 00:24:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 01 00:19:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	369530	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	372575	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	213524	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	123280	40.926	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.860%
7) Chloroethane-d5	1.580	69	110943	42.945	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.880%
11) 1,1-Dichloroethene-d2	2.121	63	250288	44.109	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.220%
21) 2-Butanone-d5	3.911	46	173371	114.957	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.960%
24) Chloroform-d	4.358	84	274418	47.180	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.360%
26) 1,2-Dichloroethane-d4	5.040	65	153853	46.487	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.980%
32) Benzene-d6	5.056	84	507185	44.768	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.540%
36) 1,2-Dichloropropane-d6	6.075	67	166729	46.723	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.440%
41) Toluene-d8	7.316	98	463402	46.568	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.140%
43) trans-1,3-Dichloroprop...	7.622	79	66838	46.651	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.300%
47) 2-Hexanone-d5	8.091	63	130491	105.732	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.730%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	258663	50.203	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	191015	45.709	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	127165	47.858	ug/L	99
3) Chloromethane	1.252	50	161399	48.989	ug/L	100
5) Vinyl chloride	1.323	62	169119	48.594	ug/L	98
6) Bromomethane	1.535	94	100666	45.948	ug/L	100
8) Chloroethane	1.596	64	111665	47.816	ug/L	99
9) Trichlorofluoromethane	1.764	101	239111	48.968	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	141427	49.336	ug/L	99
12) 1,1-Dichloroethene	2.130	96	137401	48.651	ug/L	92
13) Acetone	2.201	43	86371	78.657	ug/L	96
14) Carbon disulfide	2.304	76	369198	47.141	ug/L	99
15) Methyl Acetate	2.452	43	124315	53.899	ug/L	99
16) Methylene chloride	2.519	84	159195	48.017	ug/L	98
17) trans-1,2-Dichloroethene	2.773	96	139661	47.932	ug/L	99
18) Methyl tert-butyl Ether	2.786	73	400488	49.008	ug/L	100
19) 1,1-Dichloroethane	3.201	63	259152	49.132	ug/L	99
20) cis-1,2-Dichloroethene	3.921	96	153198	49.212	ug/L	94
22) 2-Butanone	3.995	43	149389	101.528	ug/L	99
23) Bromochloromethane	4.259	128	86500	49.127	ug/L	95
25) Chloroform	4.384	83	276843	49.594	ug/L	98

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 Response via : Initial Calibration

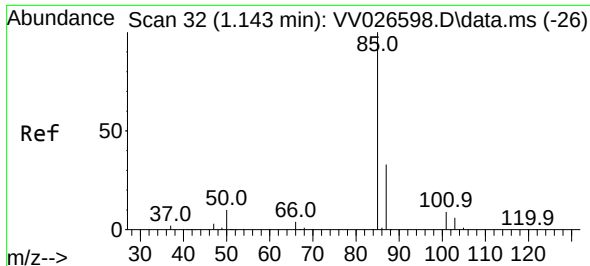
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	191358	50.723	ug/L	99
29) Cyclohexane	4.686	56	194310	49.073	ug/L	99
30) 1,1,1-Trichloroethane	4.619	97	241782	49.674	ug/L	99
31) Carbon tetrachloride	4.837	117	204104	49.941	ug/L	100
33) Benzene	5.108	78	607399	50.281	ug/L	100
34) Trichloroethene	5.918	95	144673	47.450	ug/L	99
35) Methylcyclohexane	6.136	83	225186	48.480	ug/L	99
37) 1,2-Dichloropropane	6.178	63	155824	49.521	ug/L	99
38) Bromodichloromethane	6.513	83	197981	48.963	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	207486	48.969	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	346446	109.081	ug/L	100
42) Toluene	7.390	91	653913	51.632	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	195519	50.038	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	161196	50.469	ug/L	99
46) Tetrachloroethene	7.976	164	118592	48.130	ug/L	98
48) 2-Hexanone	8.143	43	267807	112.009	ug/L	97
49) Dibromochloromethane	8.246	129	153330	49.873	ug/L	100
50) 1,2-Dibromoethane	8.352	107	162236	50.052	ug/L	97
51) Chlorobenzene	8.882	112	415387	48.597	ug/L	99
52) Ethylbenzene	9.014	91	656159	50.891	ug/L	99
53) m,p-Xylene	9.140	106	262946	52.034	ug/L	99
54) o-Xylene	9.545	106	250995	51.297	ug/L	97
55) Styrene	9.561	104	462773	54.342	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	257034	51.707	ug/L	99
59) Bromoform	9.731	173	92414	49.169	ug/L	99
60) Isopropylbenzene	9.931	105	649885	49.974	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	185677	48.561	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	522561	49.543	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	529809	50.445	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	315328	47.882	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	327449	47.949	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	325532	48.509	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	42859	50.189	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	209141	46.140	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	172792	45.351	ug/L	98
71) Naphthalene	13.500	128	537408	49.067	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	188789	48.808	ug/L	100

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

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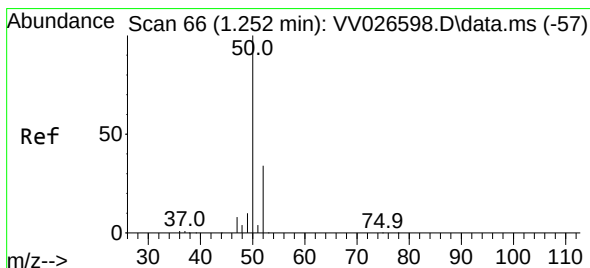
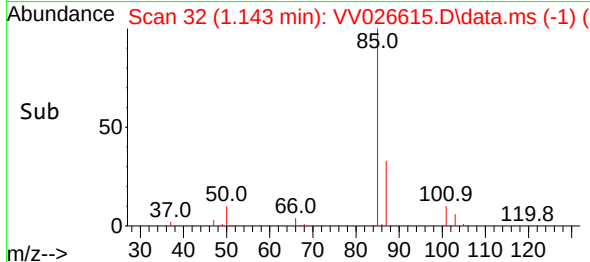
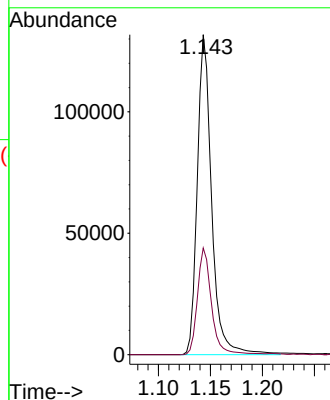
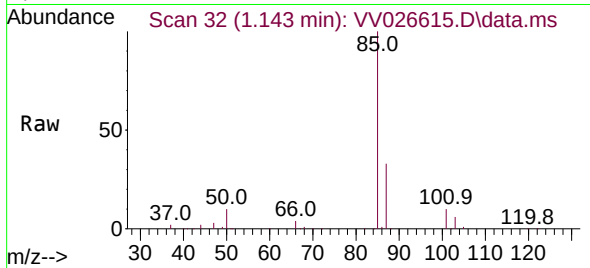




#2
 Dichlorodifluoromethane
 Concen: 47.858 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV026615.D
 Acq: 30 Jun 2022 18:25

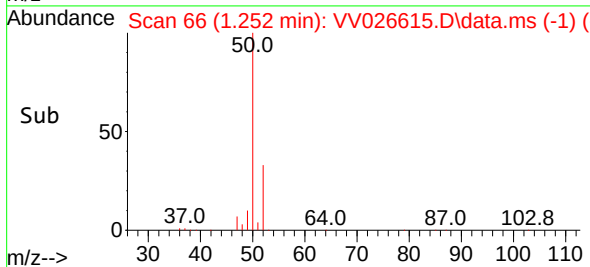
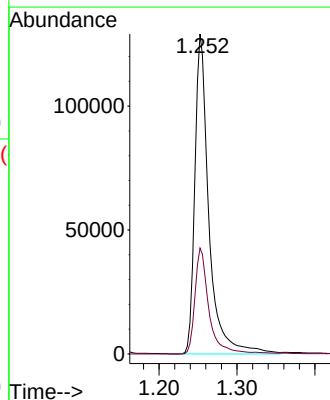
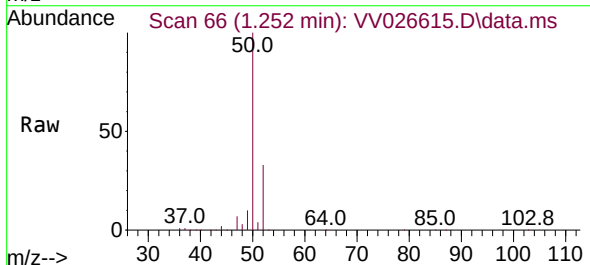
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 ClientSampleId :
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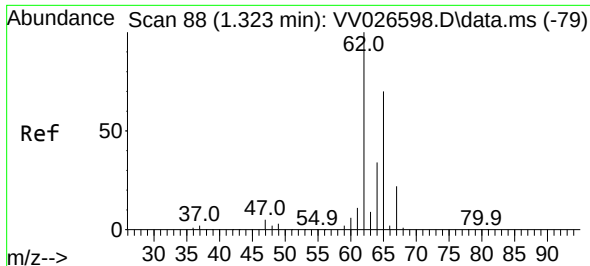
Tgt Ion: 85 Resp: 127165
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.8



#3
 Chloromethane
 Concen: 48.989 ug/L
 RT: 1.252 min Scan# 66
 Delta R.T. -0.000 min
 Lab File: VV026615.D
 Acq: 30 Jun 2022 18:25

Tgt Ion: 50 Resp: 161399
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.1 42.9

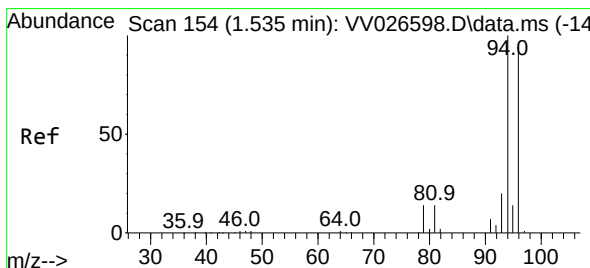
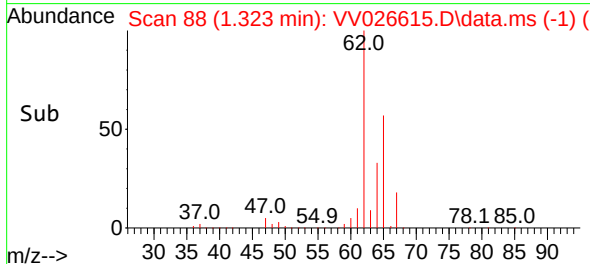
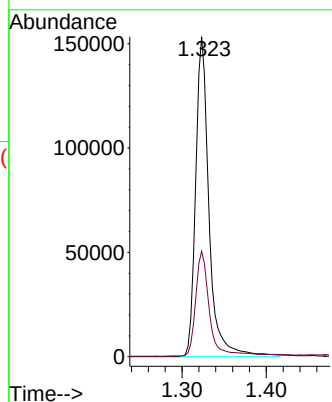
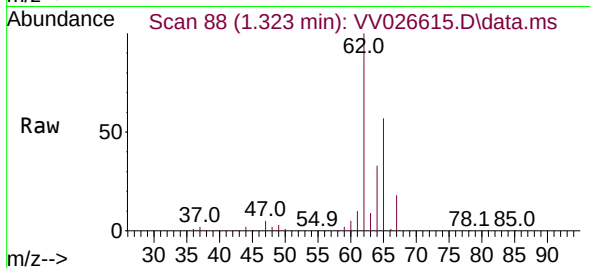




#5
 Vinyl chloride
 Concen: 48.594 ug/L
 RT: 1.323 min Scan# 88
 Delta R.T. -0.000 min
 Lab File: VV026615.D
 Acq: 30 Jun 2022 18:25

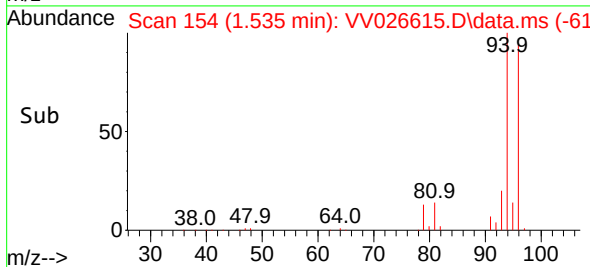
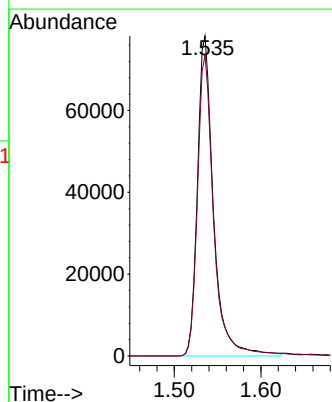
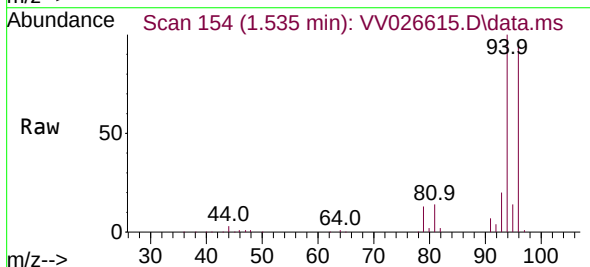
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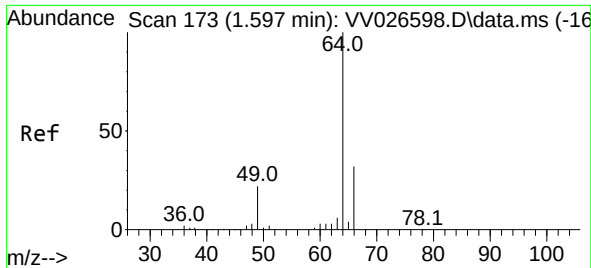
Tgt Ion: 62 Resp: 169119
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.7 44.1



#6
 Bromomethane
 Concen: 45.948 ug/L
 RT: 1.535 min Scan# 154
 Delta R.T. -0.000 min
 Lab File: VV026615.D
 Acq: 30 Jun 2022 18:25

Tgt Ion: 94 Resp: 100666
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.6 121.8

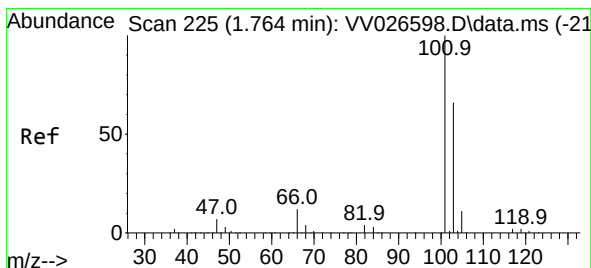
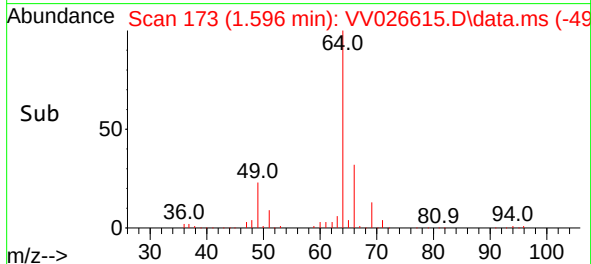
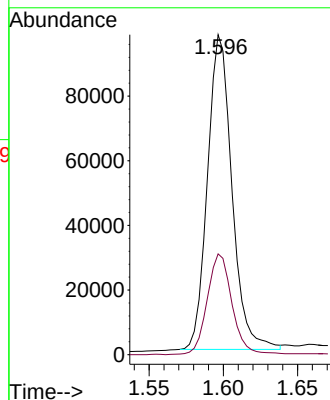
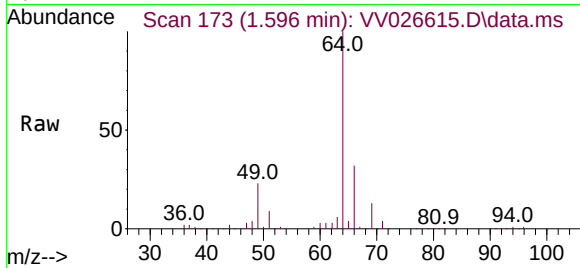




#8
Chloroethane
Concen: 47.816 ug/L
RT: 1.596 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

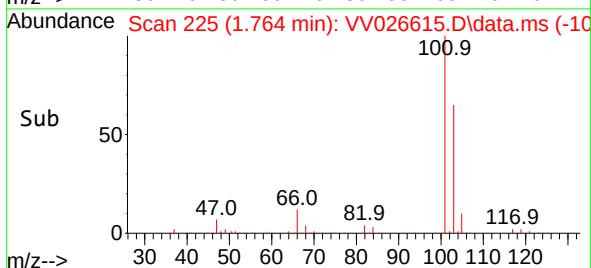
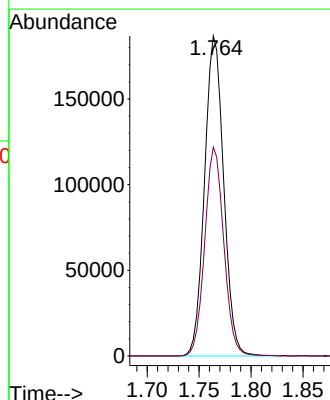
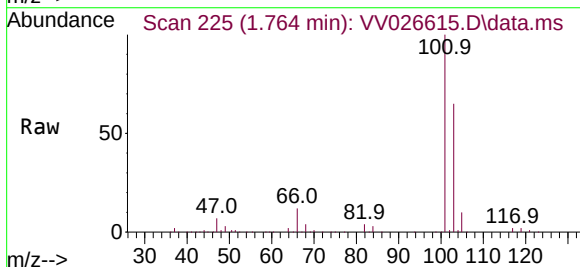
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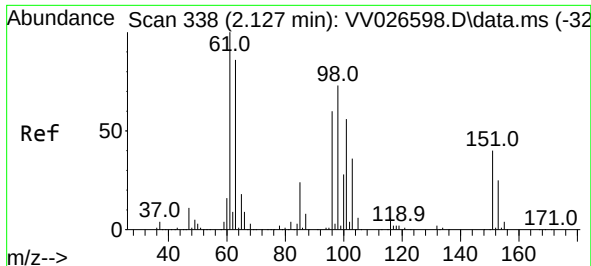
Tgt Ion: 64 Resp: 111665
Ion Ratio Lower Upper
64 100
66 31.5 21.6 40.0



#9
Trichlorofluoromethane
Concen: 48.968 ug/L
RT: 1.764 min Scan# 225
Delta R.T. -0.000 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

Tgt Ion:101 Resp: 239111
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.6

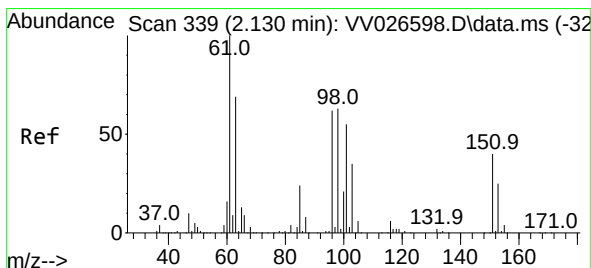
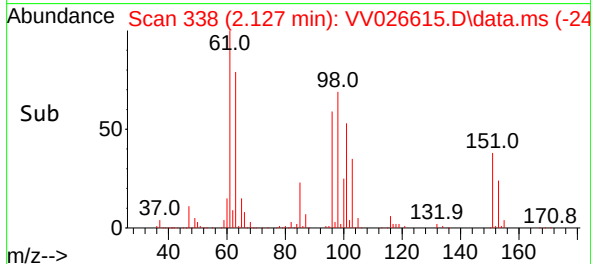
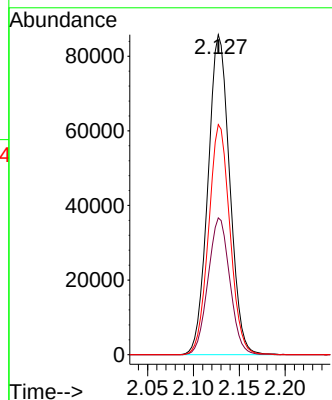
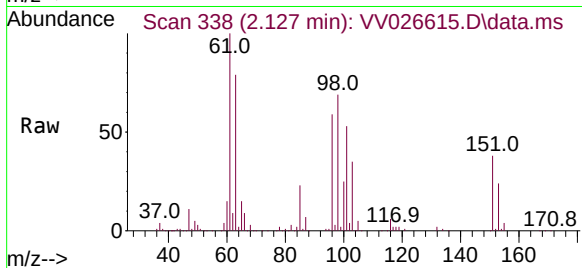




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.336 ug/L
 RT: 2.127 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VV026615.D
 Acq: 30 Jun 2022 18:25

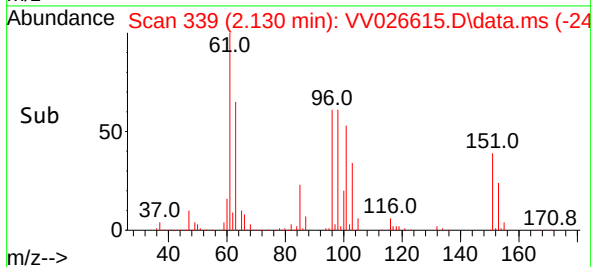
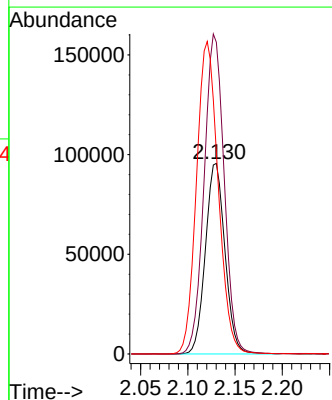
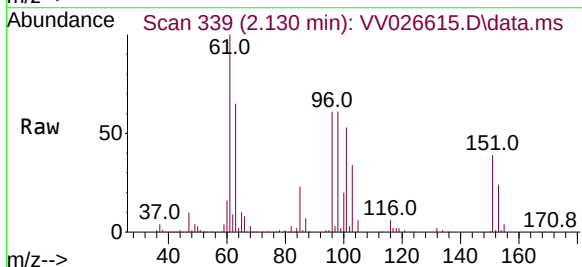
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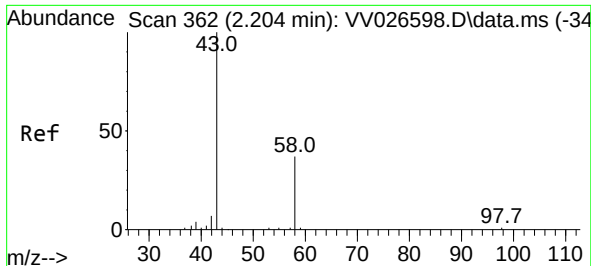
Tgt Ion:101 Resp: 141427
 Ion Ratio Lower Upper
 101 100
 85 42.7 34.5 51.7
 151 70.7 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 48.651 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. -0.000 min
 Lab File: VV026615.D
 Acq: 30 Jun 2022 18:25

Tgt Ion: 96 Resp: 137401
 Ion Ratio Lower Upper
 96 100
 61 163.6 114.9 213.5
 63 106.0 88.8 164.8





#13

Acetone

Concen: 78.657 ug/L

RT: 2.201 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV026615.D

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Instrument :

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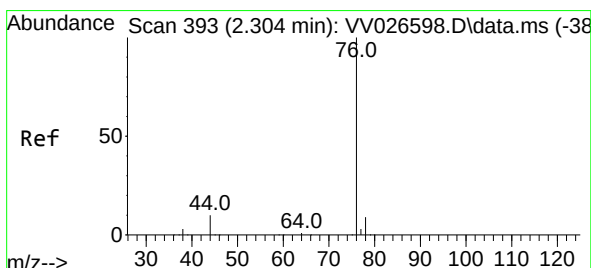
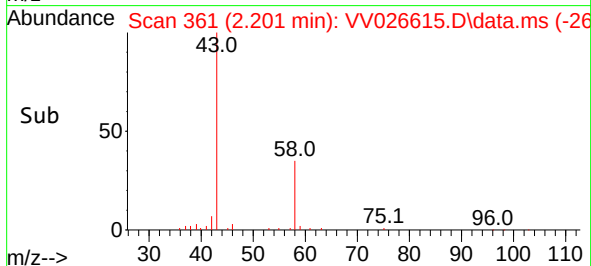
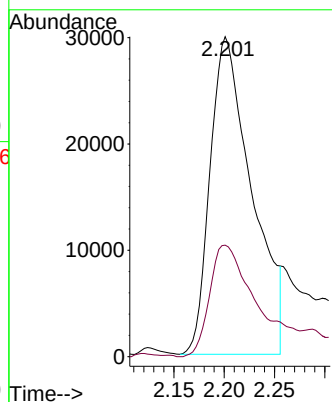
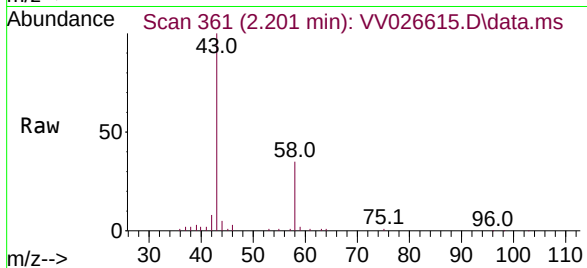
VSTD050303

Tgt Ion: 43 Resp: 86371

Ion Ratio Lower Upper

43 100

58 35.0 0.0 65.0



#14

Carbon disulfide

Concen: 47.141 ug/L

RT: 2.304 min Scan# 393

Delta R.T. -0.000 min

Lab File: VV026615.D

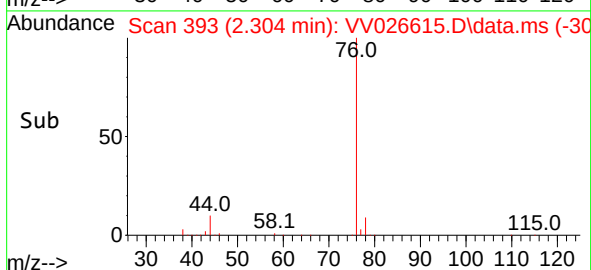
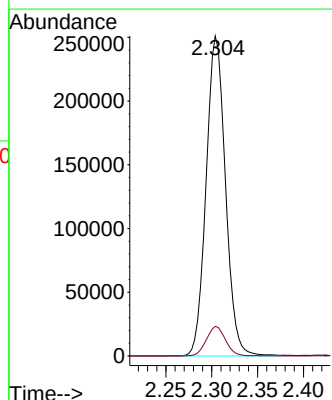
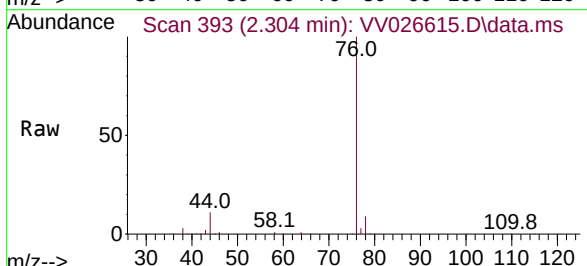
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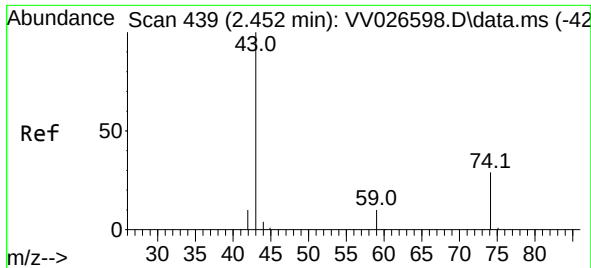
Tgt Ion: 76 Resp: 369198

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

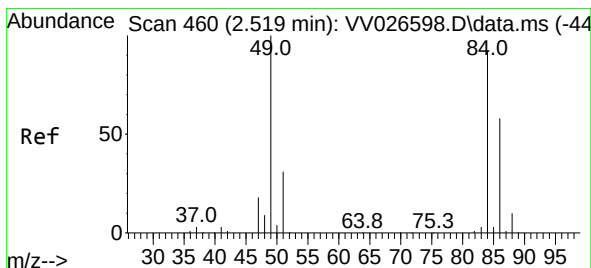
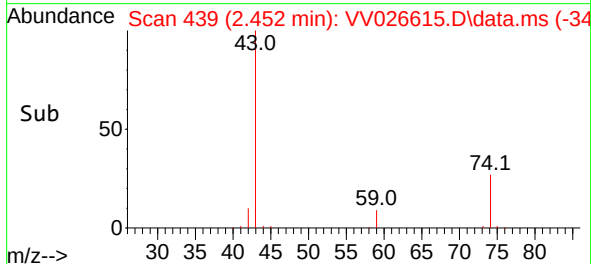
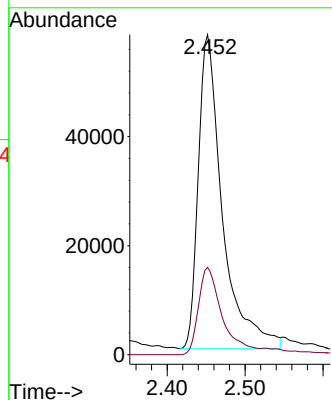
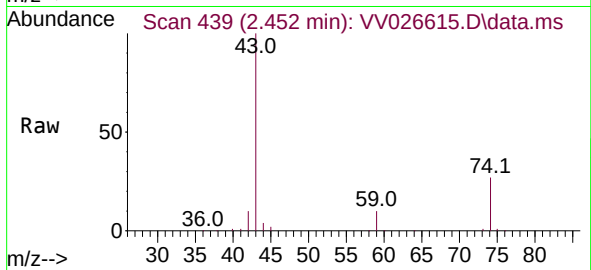




#15
Methyl Acetate
Concen: 53.899 ug/L
RT: 2.452 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

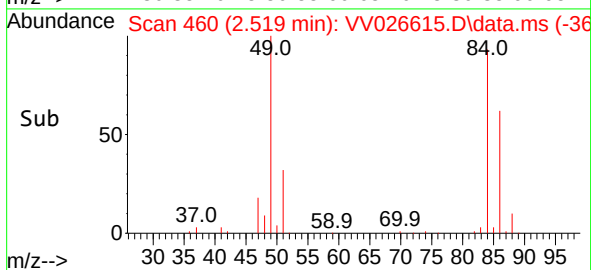
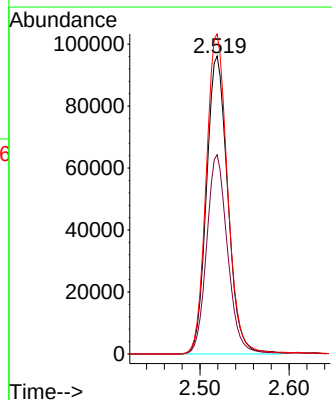
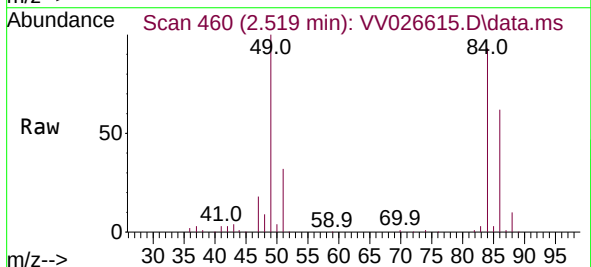
Instrument :
MSVOA_V
ClientSampleId :
VSTD050303

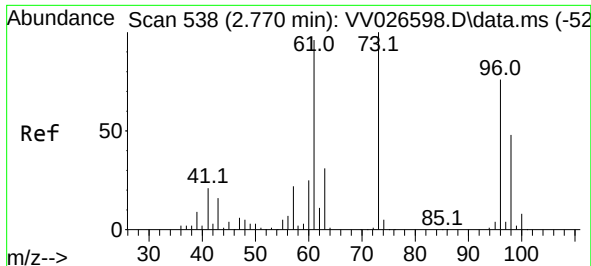
Tgt Ion: 43 Resp: 124315
Ion Ratio Lower Upper
43 100
74 27.4 22.2 33.4



#16
Methylene chloride
Concen: 48.017 ug/L
RT: 2.519 min Scan# 460
Delta R.T. -0.000 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

Tgt Ion: 84 Resp: 159195
Ion Ratio Lower Upper
84 100
86 66.8 45.4 84.2
49 107.4 76.5 142.1

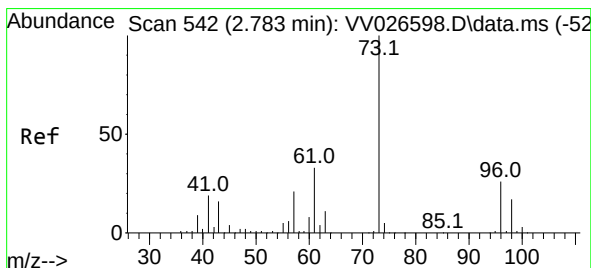
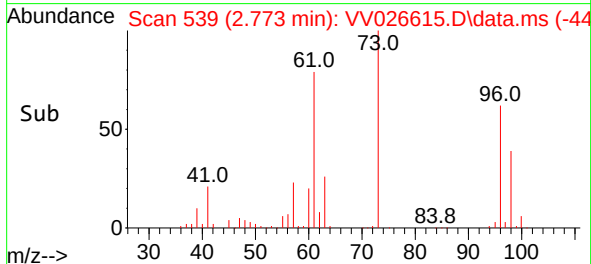
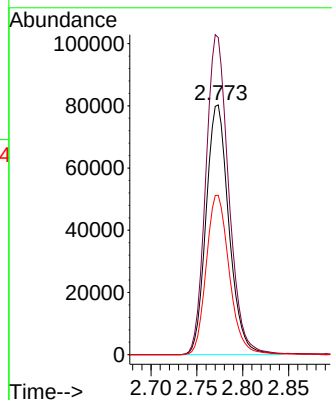
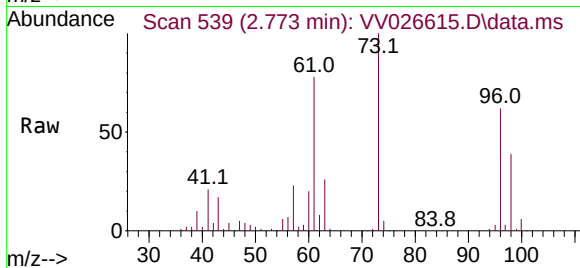




#17
trans-1,2-Dichloroethene
Concen: 47.932 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

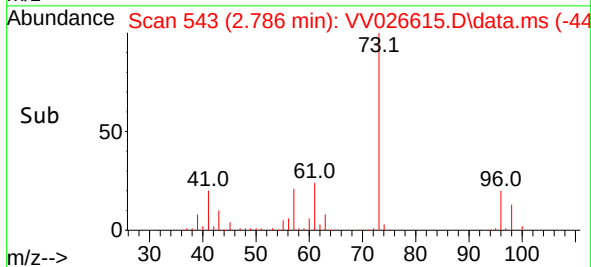
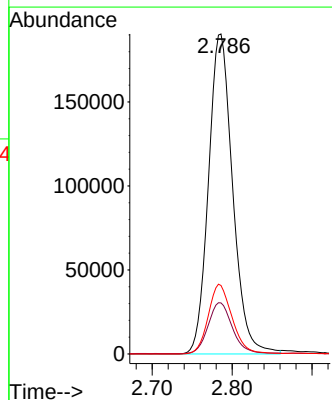
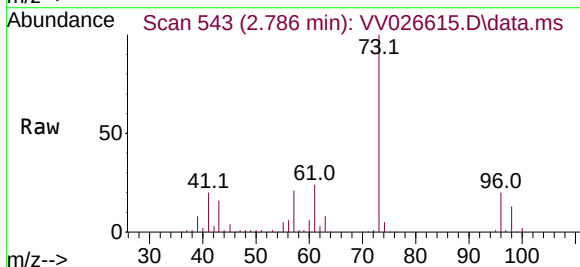
Instrument :
MSVOA_V
ClientSampleId :
VSTD050303

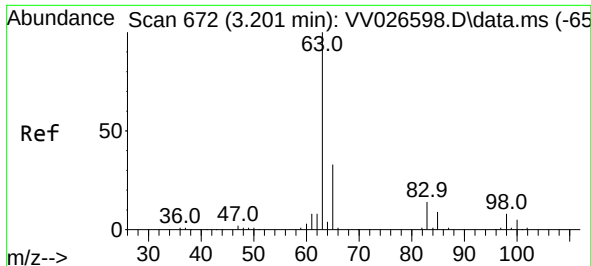
Tgt Ion: 96 Resp: 139661
Ion Ratio Lower Upper
96 100
61 126.9 88.4 164.2
98 63.8 44.2 82.0



#18
Methyl tert-butyl Ether
Concen: 49.008 ug/L
RT: 2.786 min Scan# 543
Delta R.T. 0.003 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

Tgt Ion: 73 Resp: 400488
Ion Ratio Lower Upper
73 100
43 15.9 12.7 19.1
57 21.5 17.3 25.9





#19

1,1-Dichloroethane

Concen: 49.132 ug/L

RT: 3.201 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV026615.D

Acq: 30 Jun 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD050303

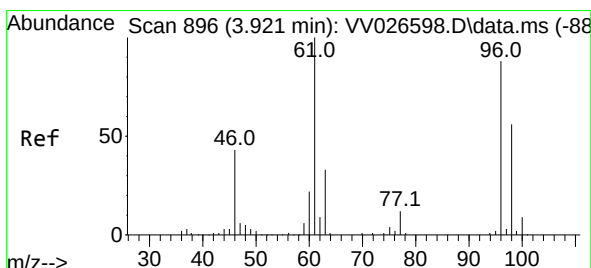
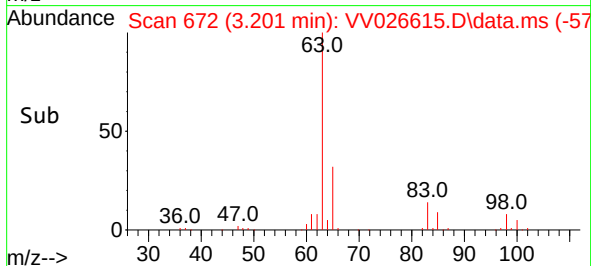
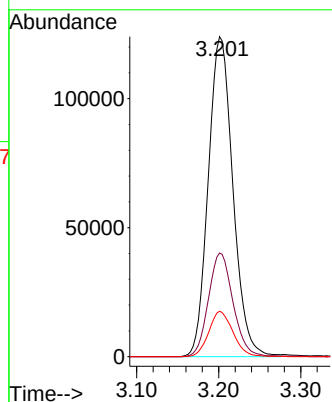
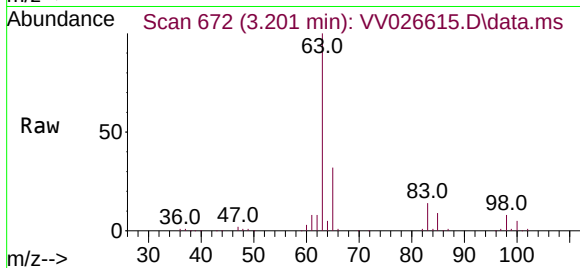
Tgt Ion: 63 Resp: 259152

Ion Ratio Lower Upper

63 100

65 32.4 22.2 41.2

83 14.2 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 49.212 ug/L

RT: 3.921 min Scan# 896

Delta R.T. -0.000 min

Lab File: VV026615.D

Acq: 30 Jun 2022 18:25

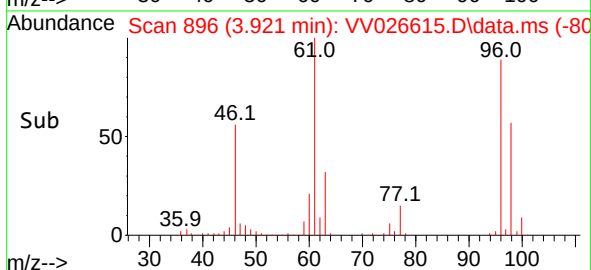
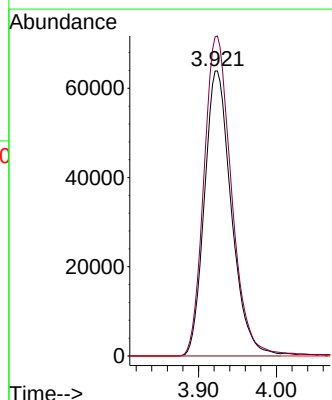
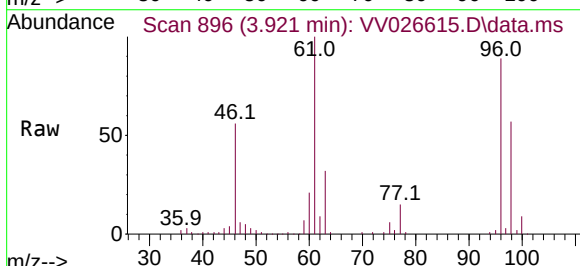
Tgt Ion: 96 Resp: 153198

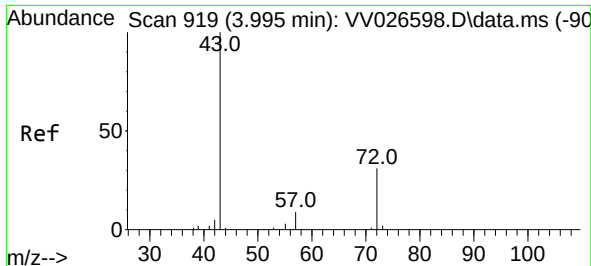
Ion Ratio Lower Upper

96 100

61 111.9 82.6 153.4

68 0.0 0.0 0.0

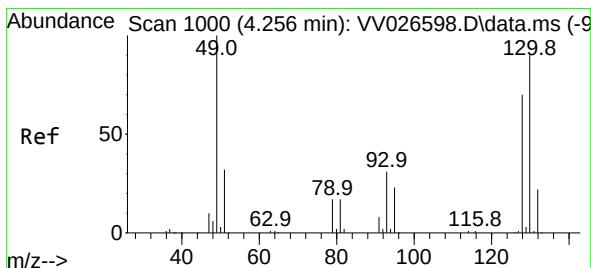
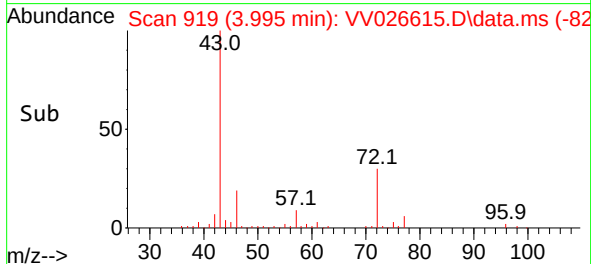
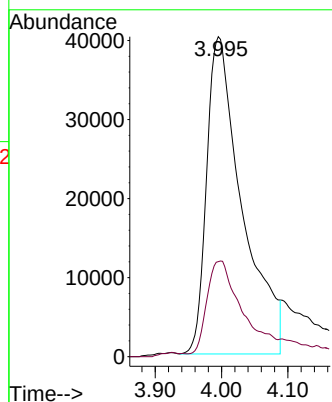
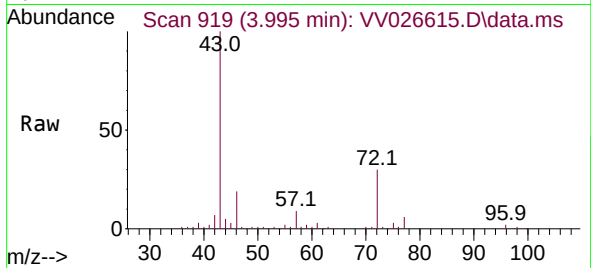




#22
2-Butanone
Concen: 101.528 ug/L
RT: 3.995 min Scan# 919
Delta R.T. -0.000 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

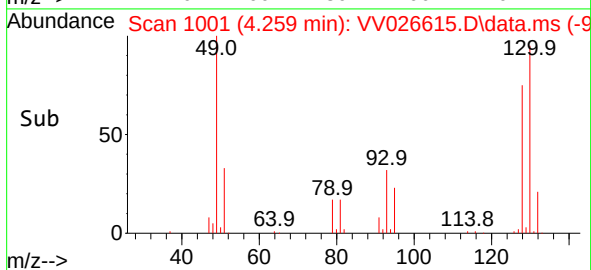
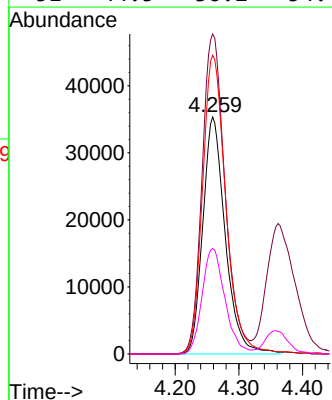
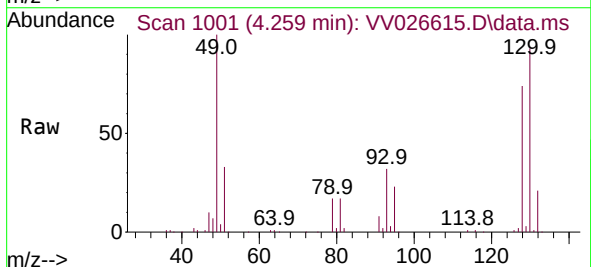
Instrument :
MSVOA_V
ClientSampleId :
VSTD050303

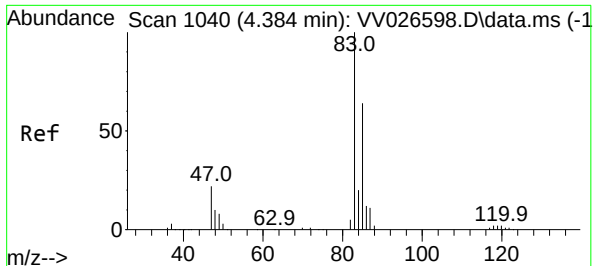
Tgt Ion: 43 Resp: 149389
Ion Ratio Lower Upper
43 100
72 28.8 14.2 42.8



#23
Bromochloromethane
Concen: 49.127 ug/L
RT: 4.259 min Scan# 1001
Delta R.T. 0.003 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

Tgt Ion: 128 Resp: 86500
Ion Ratio Lower Upper
128 100
49 135.1 102.3 190.1
130 126.1 90.2 167.6
51 44.5 36.2 54.4





#25

Chloroform

Concen: 49.594 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VV026615.D

Acq: 30 Jun 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

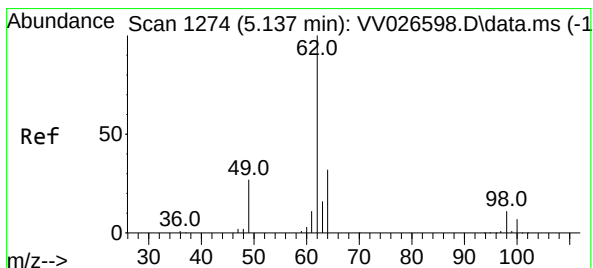
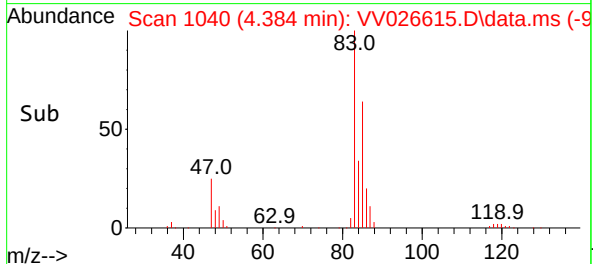
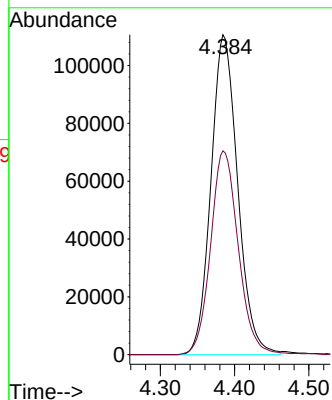
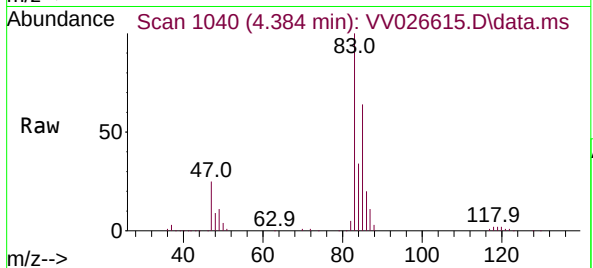
VSTD050303

Tgt Ion: 83 Resp: 276843

Ion Ratio Lower Upper

83 100

85 63.7 45.4 84.4



#27

1,2-Dichloroethane

Concen: 50.723 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VV026615.D

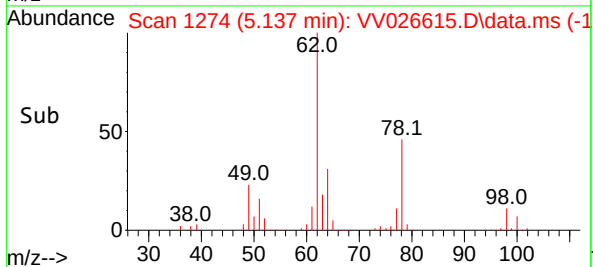
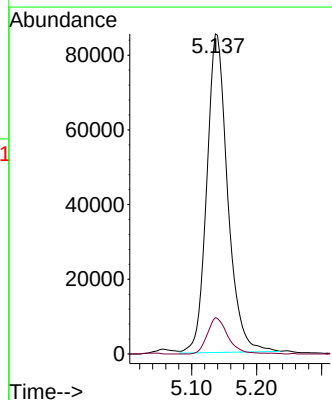
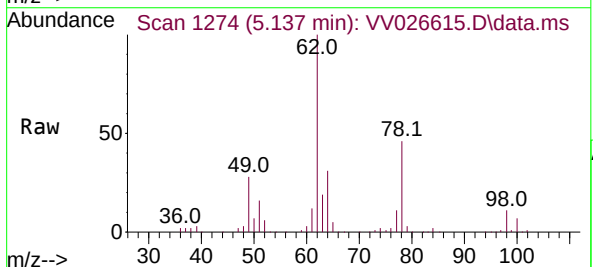
Acq: 30 Jun 2022 18:25

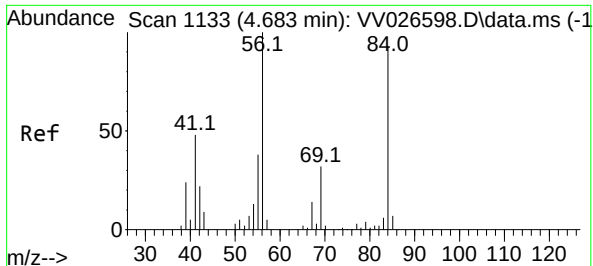
Tgt Ion: 62 Resp: 191358

Ion Ratio Lower Upper

62 100

98 11.3 8.8 13.2





#29

Cyclohexane

Concen: 49.073 ug/L

RT: 4.686 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VV026615.D

Acq: 30 Jun 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD050303

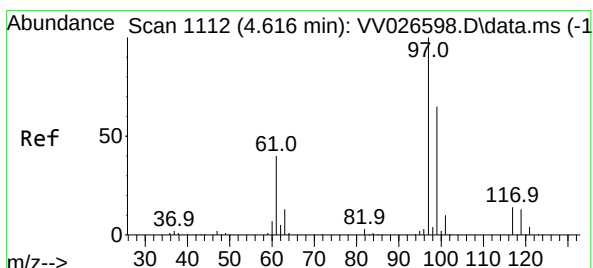
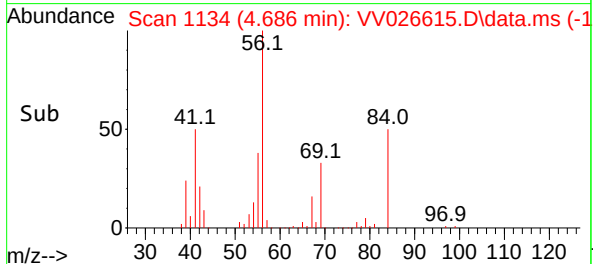
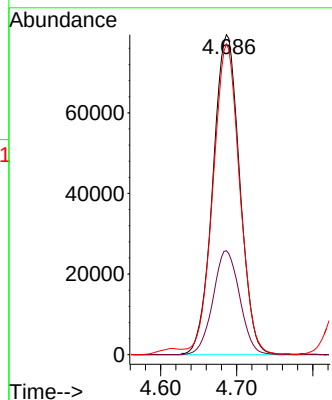
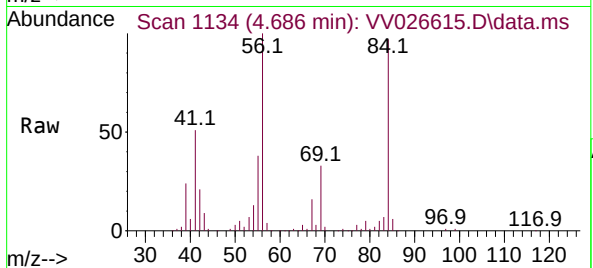
Tgt Ion: 56 Resp: 194310

Ion Ratio Lower Upper

56 100

69 32.3 25.9 38.9

84 96.4 77.8 116.8



#30

1,1,1-Trichloroethane

Concen: 49.674 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. 0.003 min

Lab File: VV026615.D

Acq: 30 Jun 2022 18:25

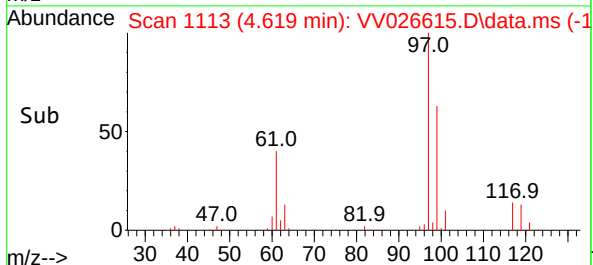
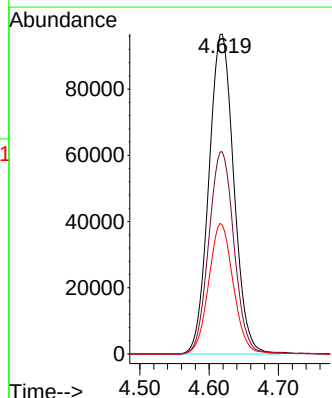
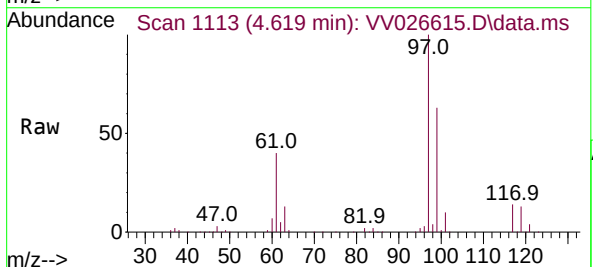
Tgt Ion: 97 Resp: 241782

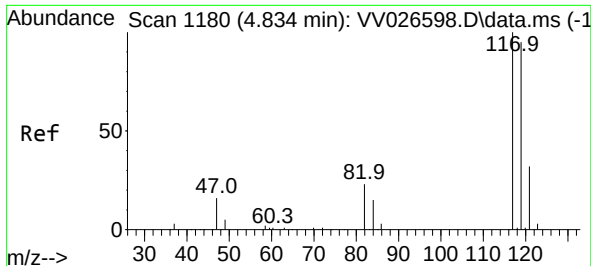
Ion Ratio Lower Upper

97 100

99 64.0 52.1 78.1

61 40.4 31.8 47.6

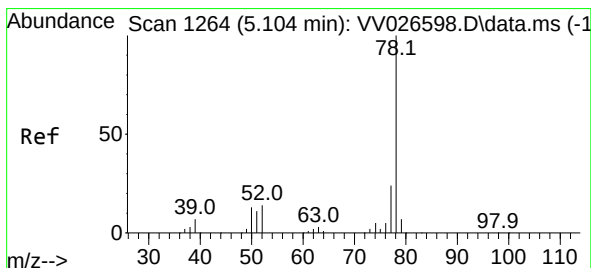
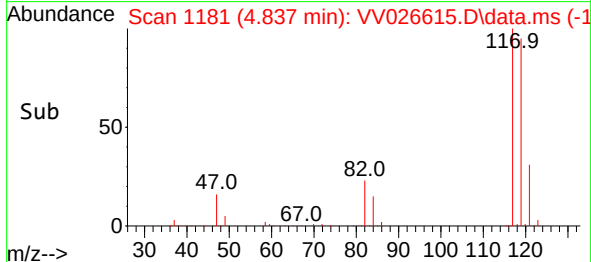
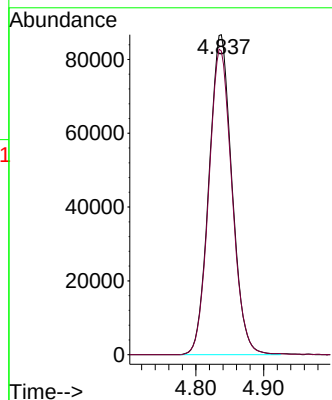
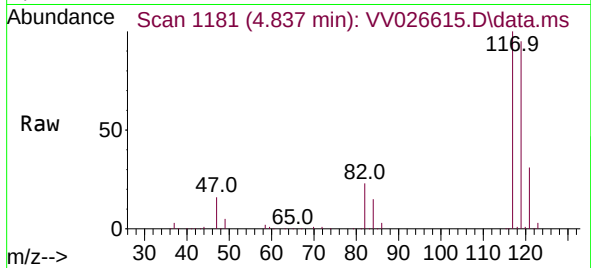




#31
Carbon tetrachloride
Concen: 49.941 ug/L
RT: 4.837 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

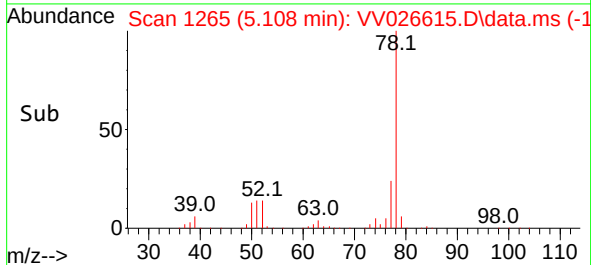
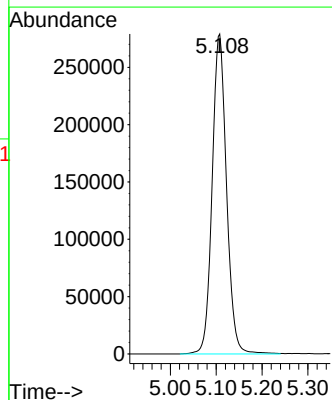
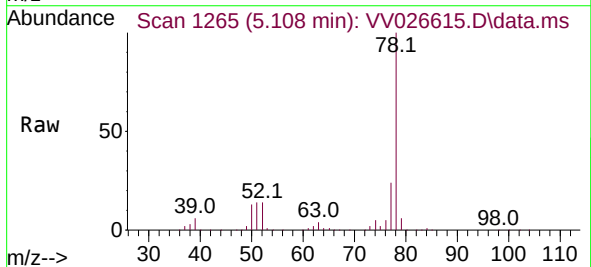
Instrument :
MSVOA_V
ClientSampleId :
VSTD050303

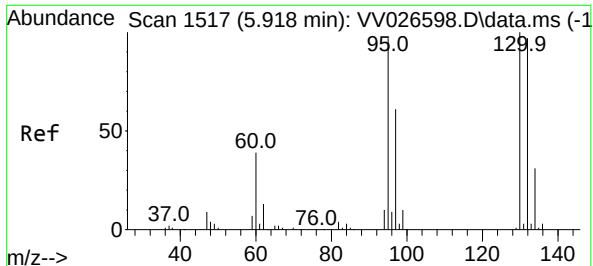
Tgt Ion:117 Resp: 204104
Ion Ratio Lower Upper
117 100
119 96.4 77.0 115.4



#33
Benzene
Concen: 50.281 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.003 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

Tgt Ion: 78 Resp: 607399

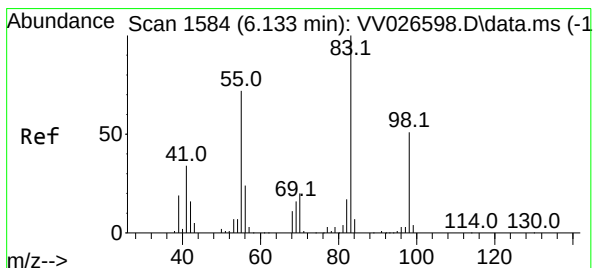
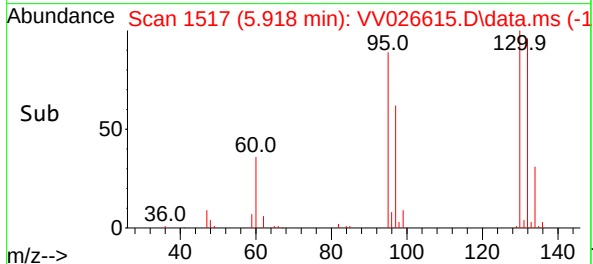
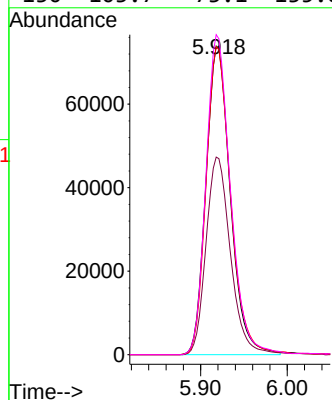
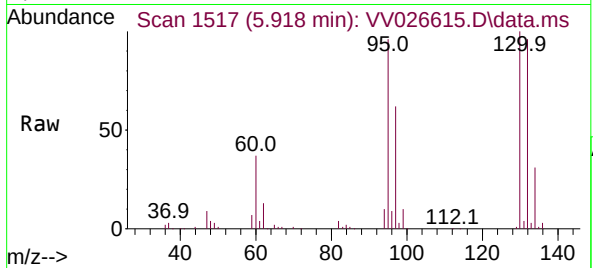




#34
Trichloroethene
Concen: 47.450 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

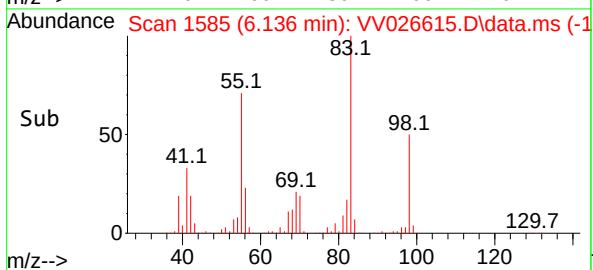
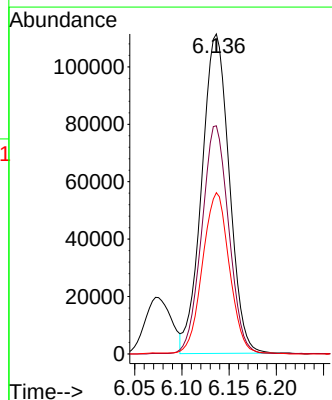
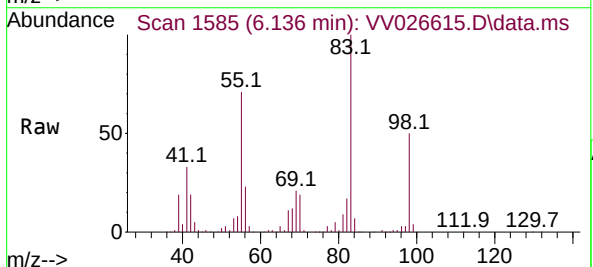
Instrument :
MSVOA_V
ClientSampleId :
VSTD050303

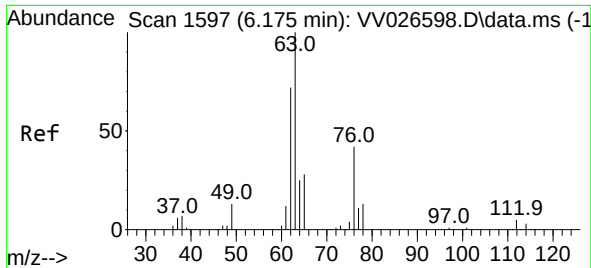
Tgt Ion: 95 Resp: 144673
Ion Ratio Lower Upper
95 100
97 64.0 45.0 83.6
132 99.8 69.0 128.2
130 103.7 73.1 135.8



#35
Methylcyclohexane
Concen: 48.480 ug/L
RT: 6.136 min Scan# 1585
Delta R.T. 0.003 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

Tgt Ion: 83 Resp: 225186
Ion Ratio Lower Upper
83 100
55 70.1 55.6 83.4
98 48.8 39.8 59.6





#37

1,2-Dichloropropane

Concen: 49.521 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026615.D

Acq: 30 Jun 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

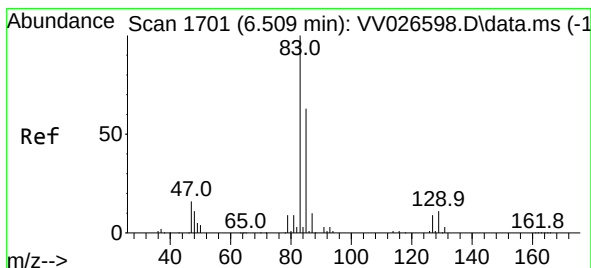
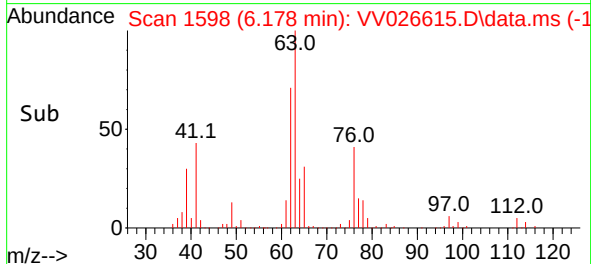
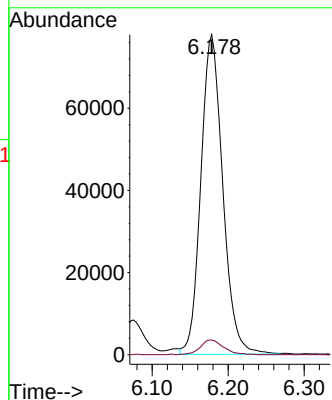
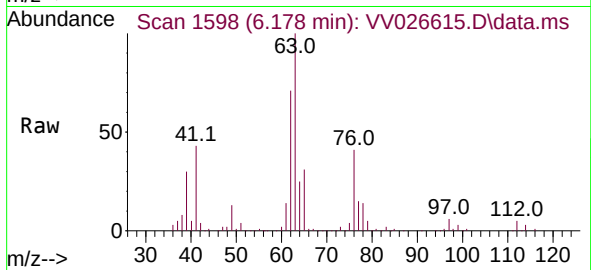
VSTD050303

Tgt Ion: 63 Resp: 155824

Ion Ratio Lower Upper

63 100

112 4.9 4.2 6.2



#38

Bromodichloromethane

Concen: 48.963 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV026615.D

Acq: 30 Jun 2022 18:25

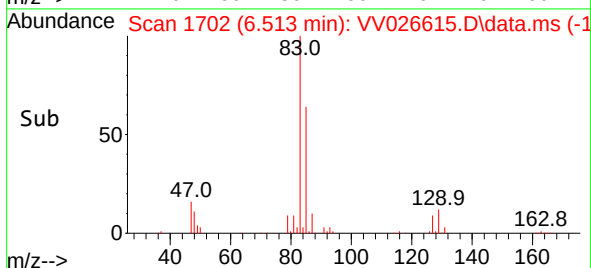
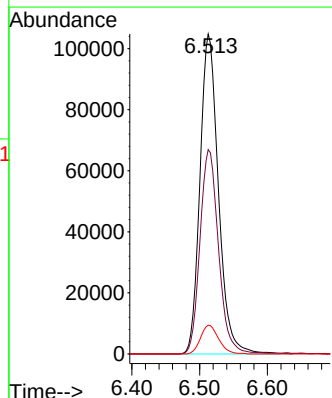
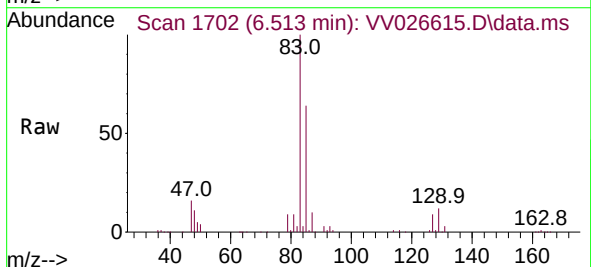
Tgt Ion: 83 Resp: 197981

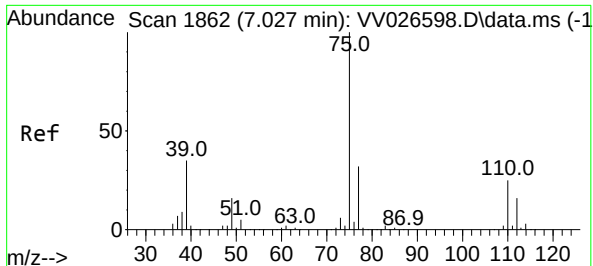
Ion Ratio Lower Upper

83 100

85 63.9 44.6 82.8

127 9.0 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 48.969 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026615.D

Acq: 30 Jun 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

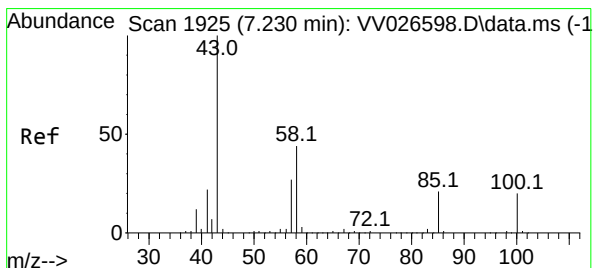
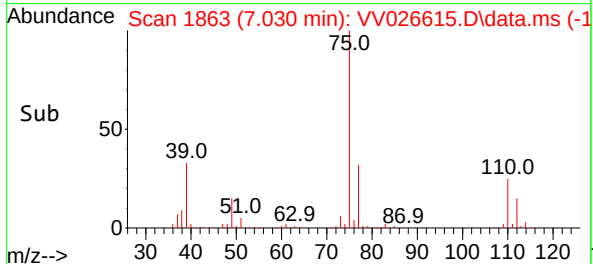
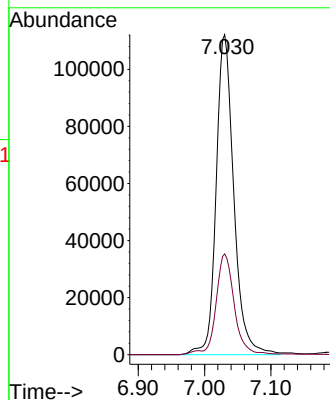
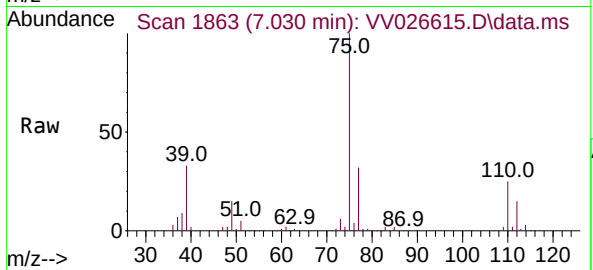
VSTD050303

Tgt Ion: 75 Resp: 207486

Ion Ratio Lower Upper

75 100

77 31.5 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 109.081 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. -0.000 min

Lab File: VV026615.D

Acq: 30 Jun 2022 18:25

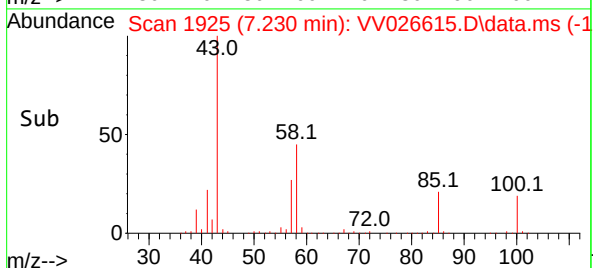
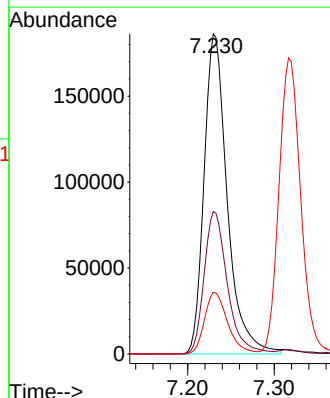
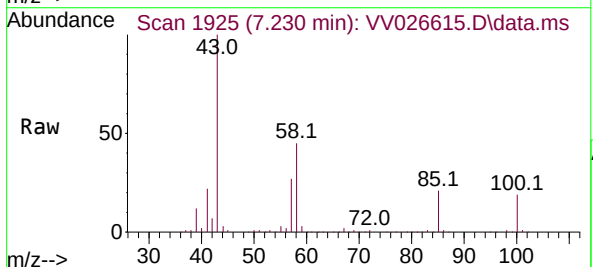
Tgt Ion: 43 Resp: 346446

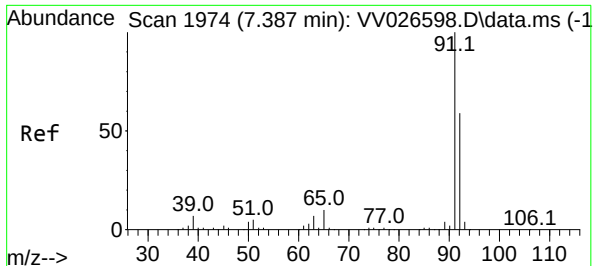
Ion Ratio Lower Upper

43 100

58 44.5 35.8 53.6

100 19.2 15.4 23.0





#42

Toluene

Concen: 51.632 ug/L

RT: 7.390 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV026615.D

Acq: 30 Jun 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

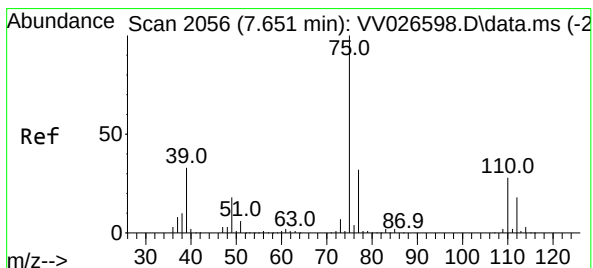
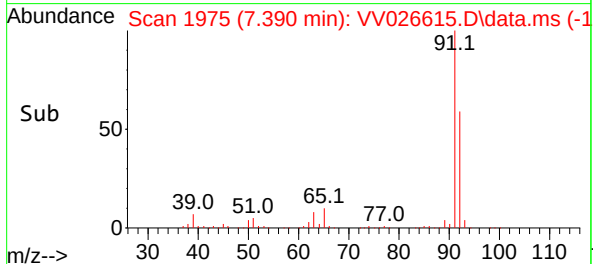
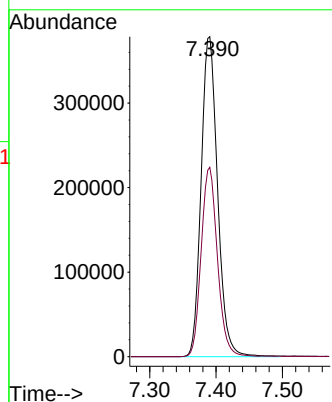
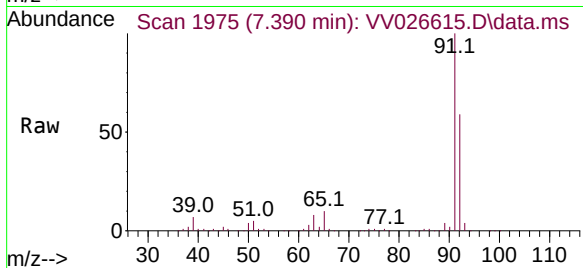
VSTD050303

Tgt Ion: 91 Resp: 653913

Ion Ratio Lower Upper

91 100

92 59.2 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 50.038 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV026615.D

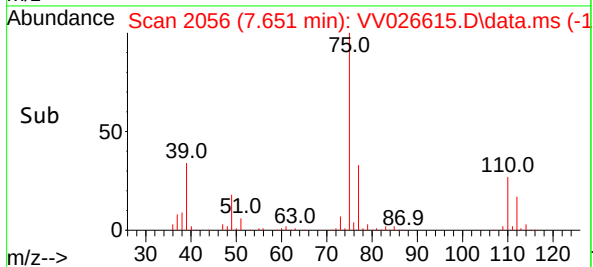
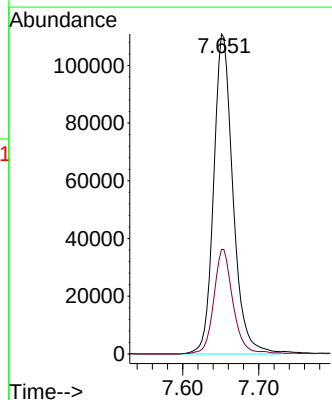
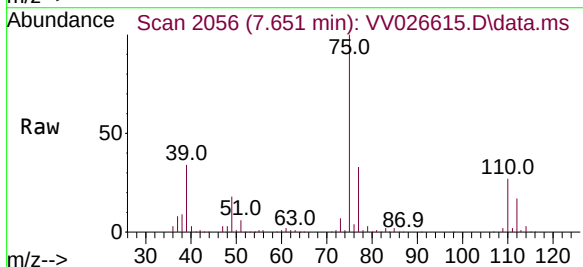
Acq: 30 Jun 2022 18:25

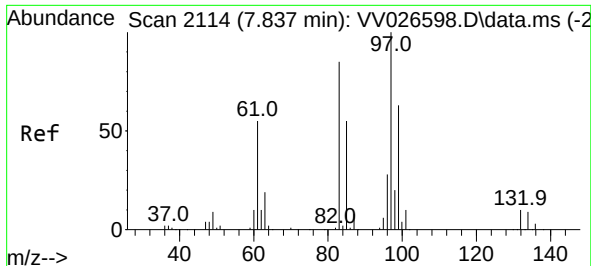
Tgt Ion: 75 Resp: 195519

Ion Ratio Lower Upper

75 100

77 32.6 22.6 42.0

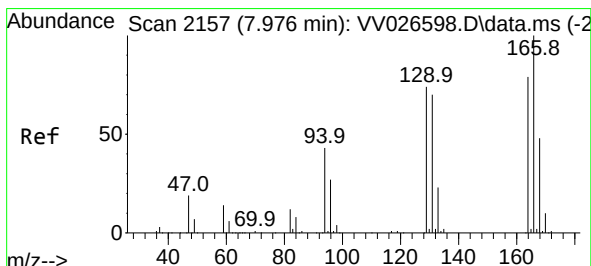
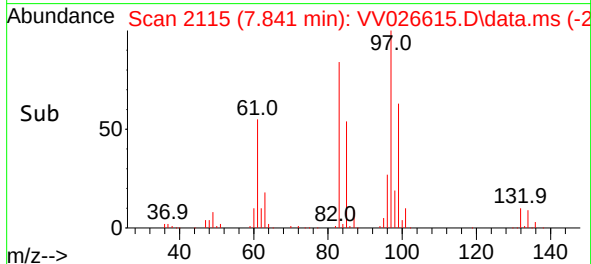
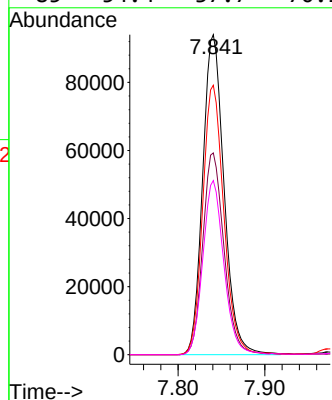
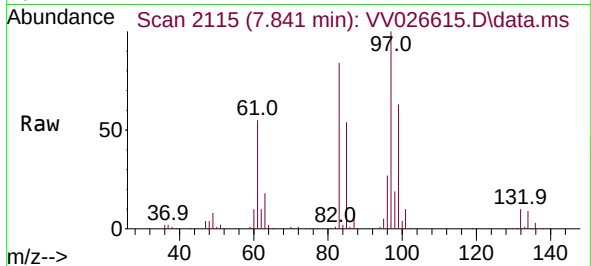




#45
1,1,2-Trichloroethane
Concen: 50.469 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

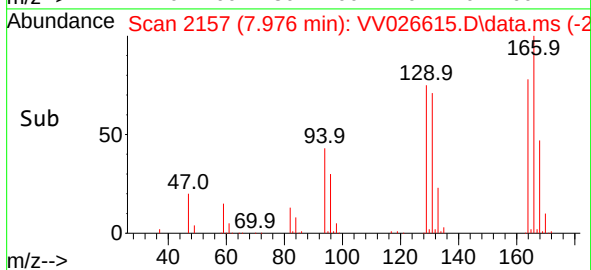
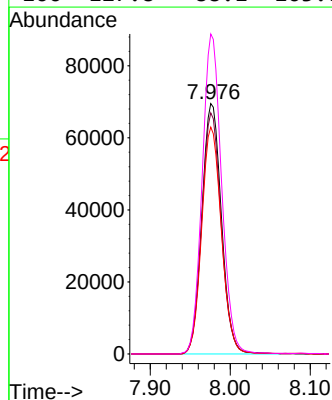
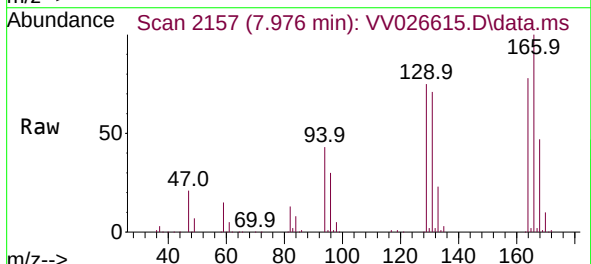
Instrument :
MSVOA_V
ClientSampleId :
VSTD050303

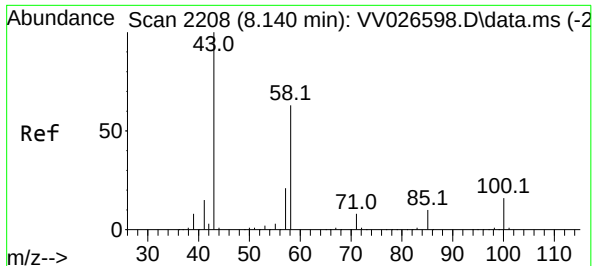
Tgt Ion:	97	Resp:	161196
Ion	Ratio	Lower	Upper
97	100		
99	63.1	42.8	79.6
83	84.2	59.1	109.7
85	54.4	37.7	70.1



#46
Tetrachloroethene
Concen: 48.130 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

Tgt Ion:	164	Resp:	118592
Ion	Ratio	Lower	Upper
164	100		
129	96.3	66.1	122.8
131	90.6	64.2	119.2
166	127.8	88.1	163.7



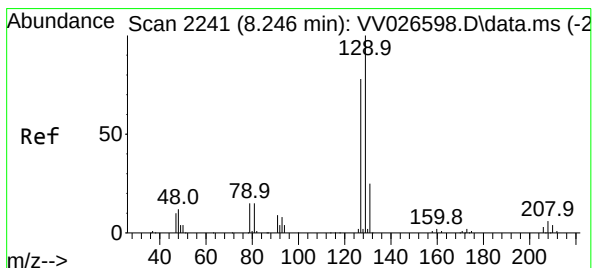
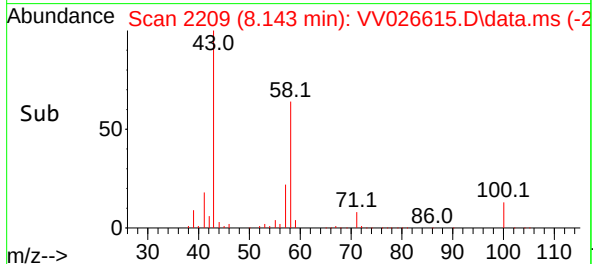
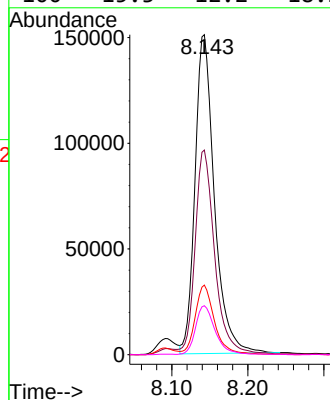
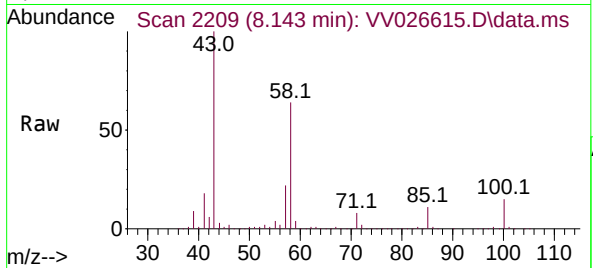


#48
2-Hexanone
Concen: 112.009 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

Instrument :
MSVOA_V
ClientSampleId :
VSTD050303

Tgt Ion: 43 Resp: 267807

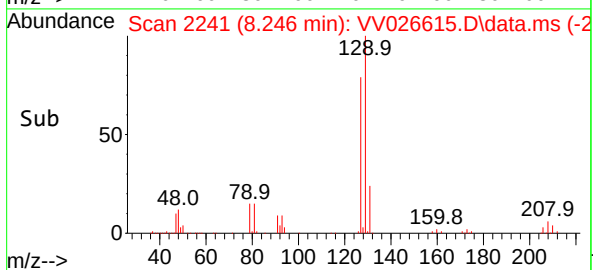
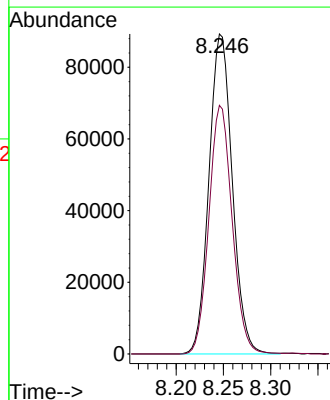
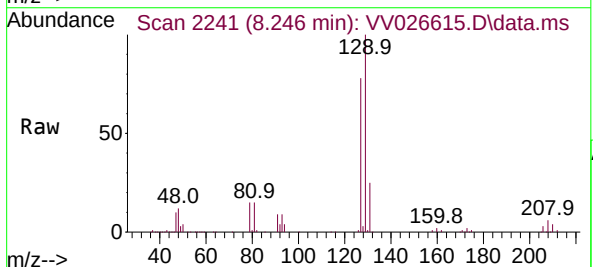
Ion	Ratio	Lower	Upper
43	100		
58	64.6	49.2	73.8
57	22.1	16.5	24.7
100	15.3	12.2	18.2

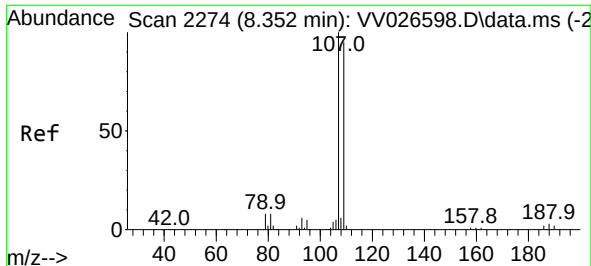


#49
Dibromochloromethane
Concen: 49.873 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

Tgt Ion: 129 Resp: 153330

Ion	Ratio	Lower	Upper
129	100		
127	77.7	54.1	100.5

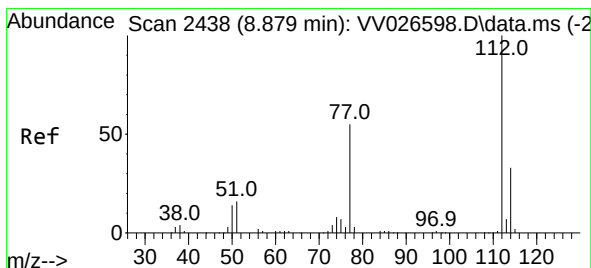
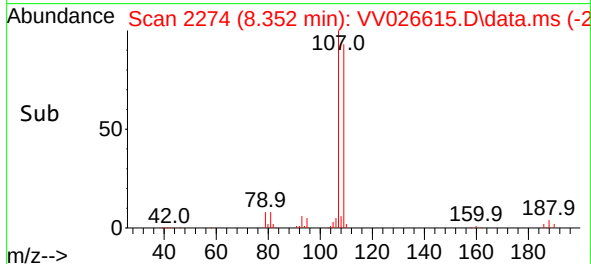
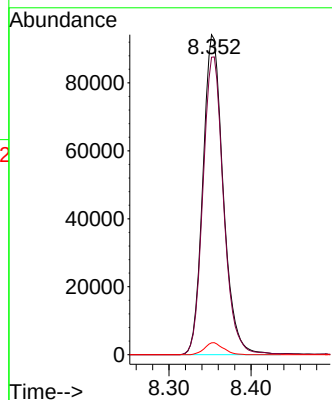
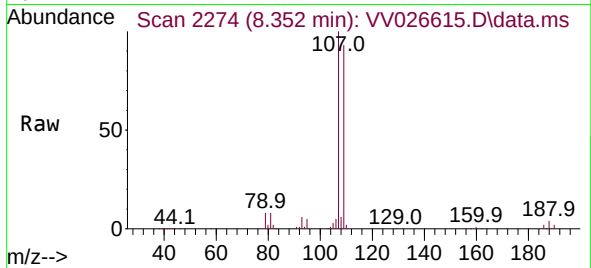




#50
1,2-Dibromoethane
Concen: 50.052 ug/L
RT: 8.352 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

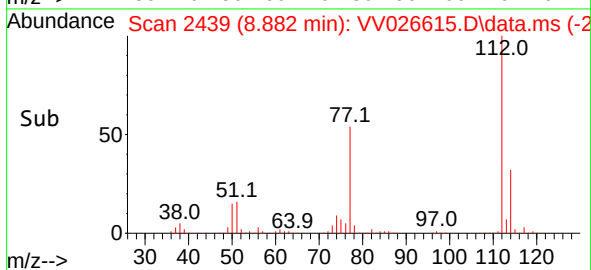
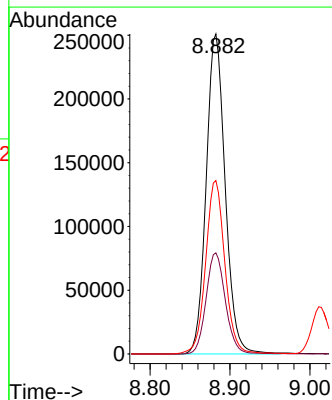
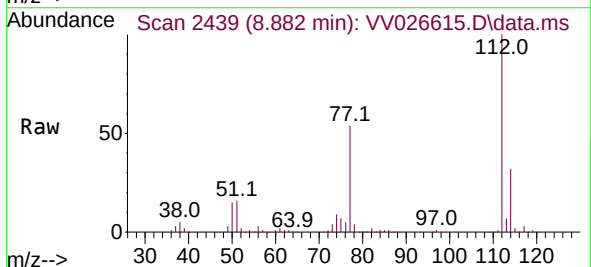
Instrument :
MSVOA_V
ClientSampleId :
VSTD050303

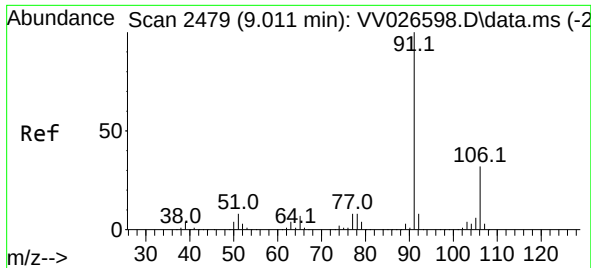
Tgt Ion:107 Resp: 162236
Ion Ratio Lower Upper
107 100
109 93.0 67.3 125.1
188 3.7 2.7 4.1



#51
Chlorobenzene
Concen: 48.597 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

Tgt Ion:112 Resp: 415387
Ion Ratio Lower Upper
112 100
114 31.6 22.0 41.0
77 54.2 42.4 63.6

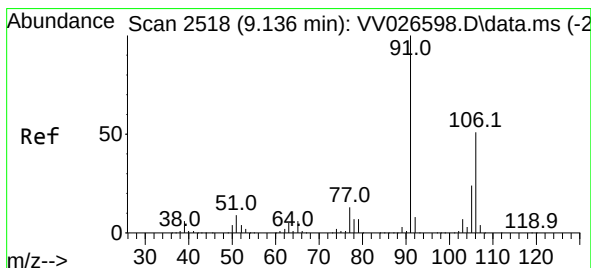
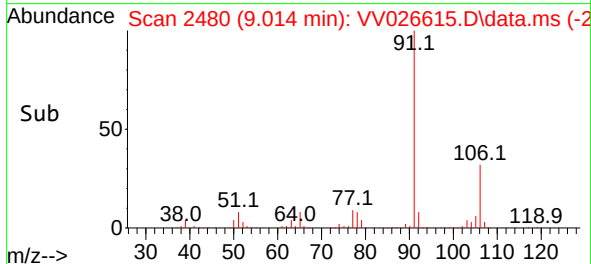
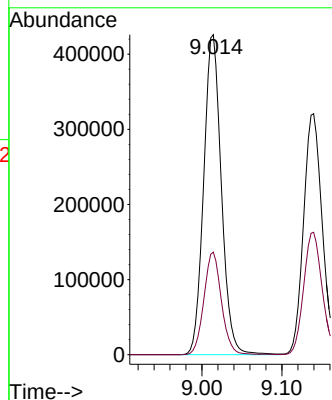
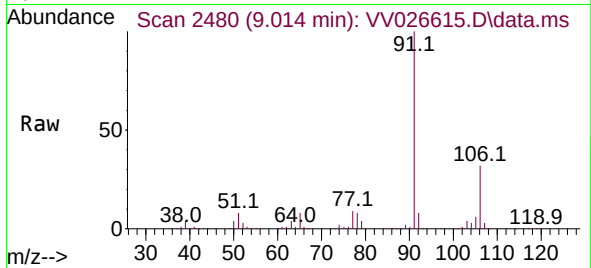




#52
Ethylbenzene
Concen: 50.891 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

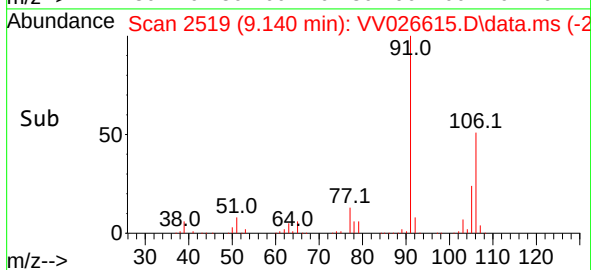
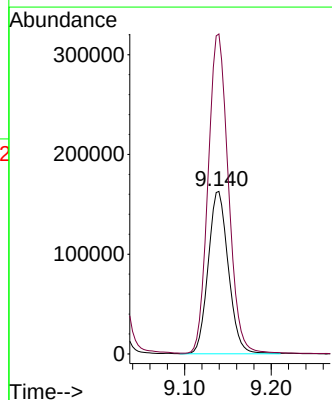
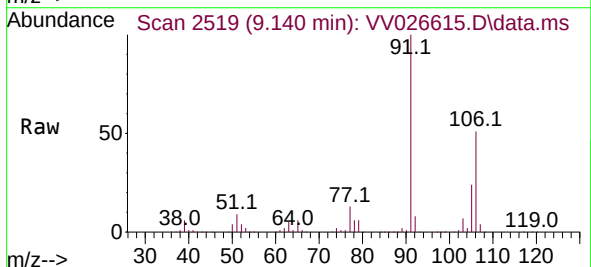
Instrument :
MSVOA_V
ClientSampleId :
VSTD050303

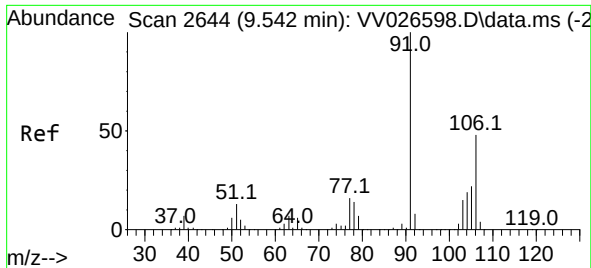
Tgt Ion: 91 Resp: 656159
Ion Ratio Lower Upper
91 100
106 32.1 21.9 40.7



#53
m,p-Xylene
Concen: 52.034 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

Tgt Ion: 106 Resp: 262946
Ion Ratio Lower Upper
106 100
91 196.8 136.5 253.5

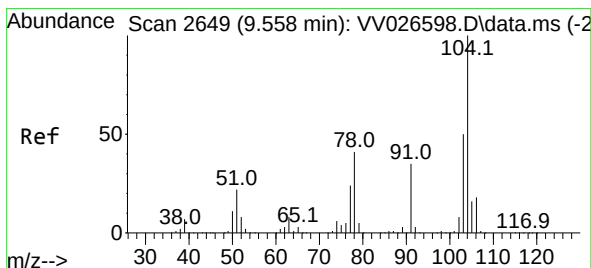
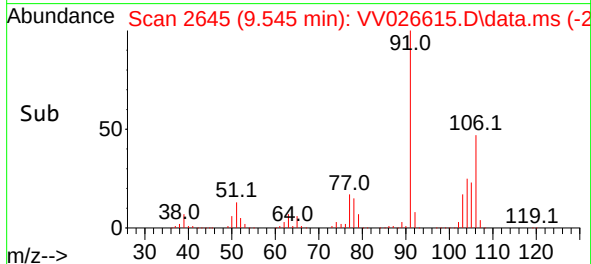
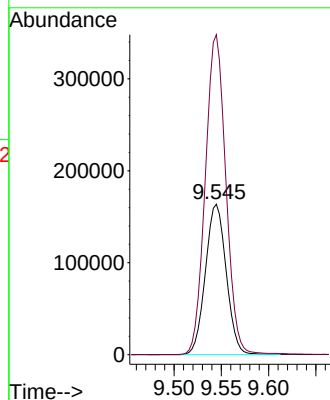
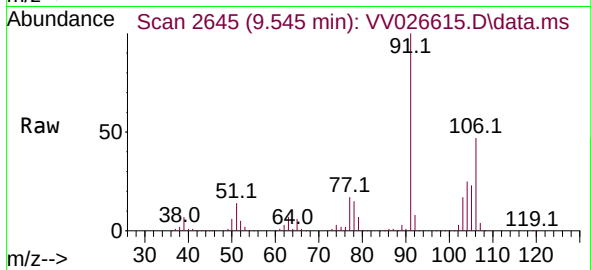




#54
o-Xylene
Concen: 51.297 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

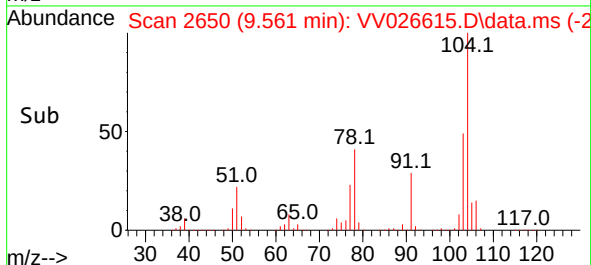
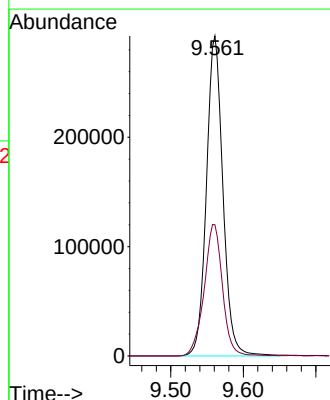
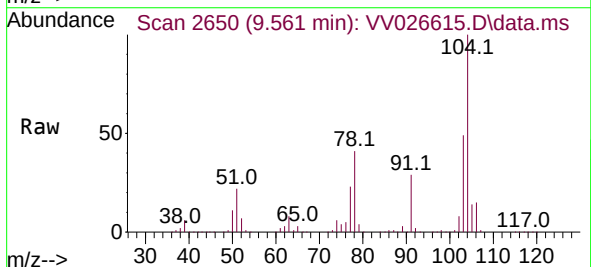
Instrument :
MSVOA_V
ClientSampleId :
VSTD050303

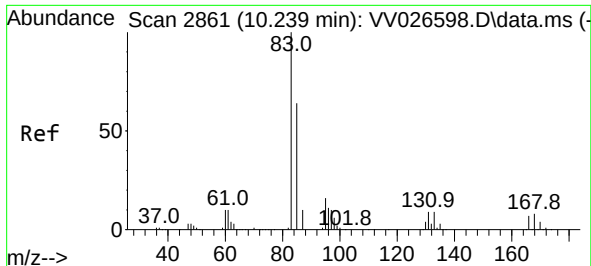
Tgt Ion:106 Resp: 250995
Ion Ratio Lower Upper
106 100
91 212.4 145.3 269.9



#55
Styrene
Concen: 54.342 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

Tgt Ion:104 Resp: 462773
Ion Ratio Lower Upper
104 100
78 41.0 28.5 52.9

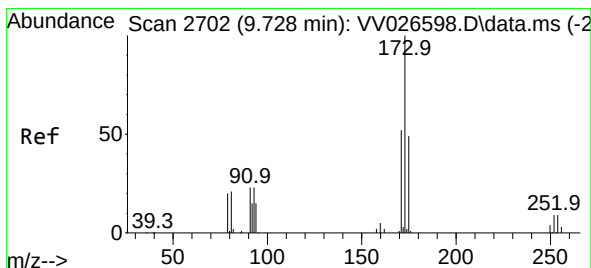
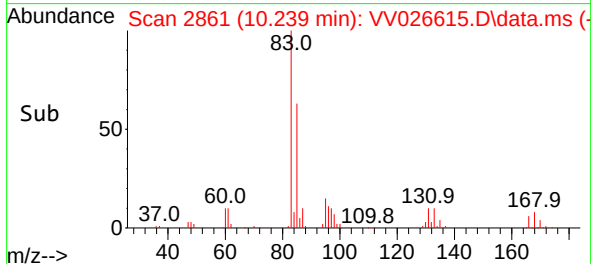
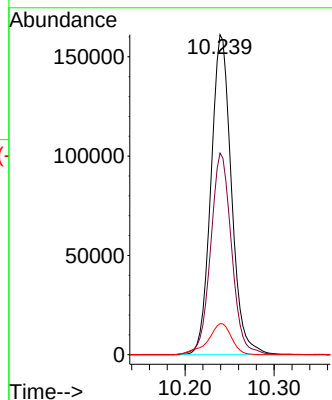
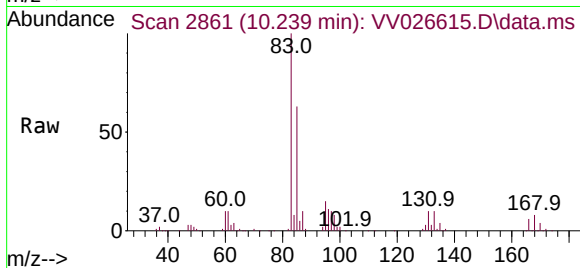




#57
1,1,2,2-Tetrachloroethane
Concen: 51.707 ug/L
RT: 10.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

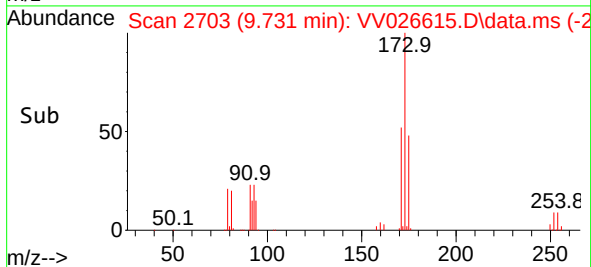
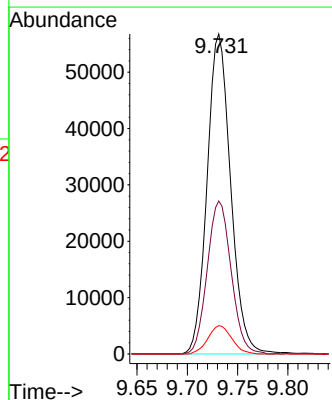
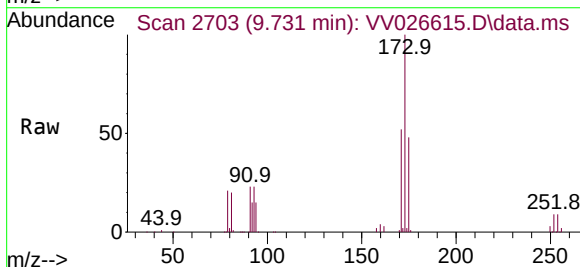
Instrument :
MSVOA_V
ClientSampleId :
VSTD050303

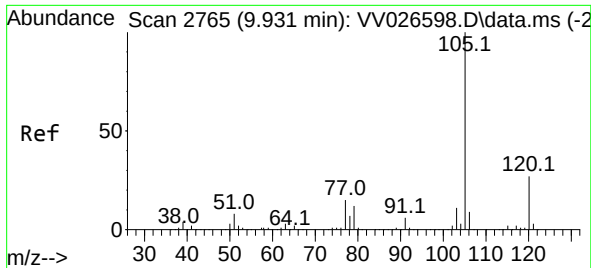
Tgt Ion: 83 Resp: 257034
Ion Ratio Lower Upper
83 100
85 63.0 44.6 82.8
131 9.7 7.6 11.4



#59
Bromoform
Concen: 49.169 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

Tgt Ion: 173 Resp: 92414
Ion Ratio Lower Upper
173 100
175 48.4 39.1 58.7
254 8.9 7.1 10.7

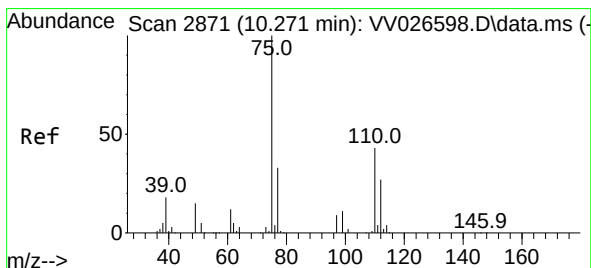
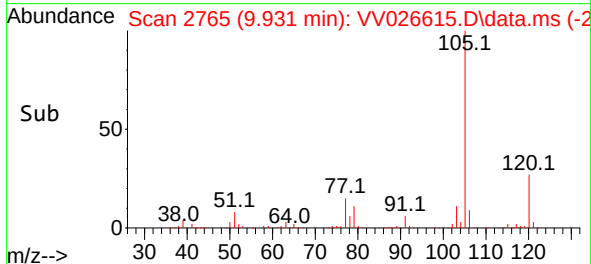
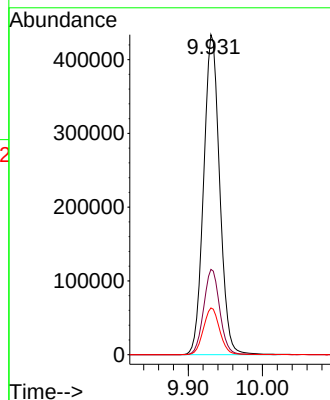
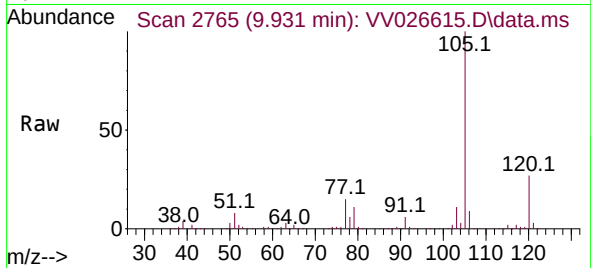




#60
Isopropylbenzene
Concen: 49.974 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

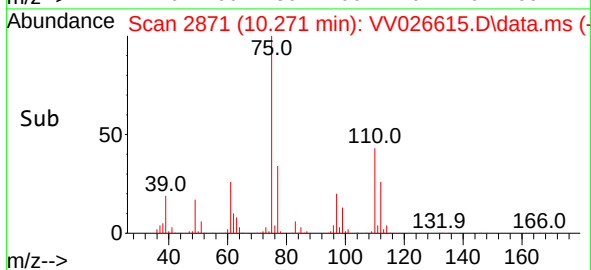
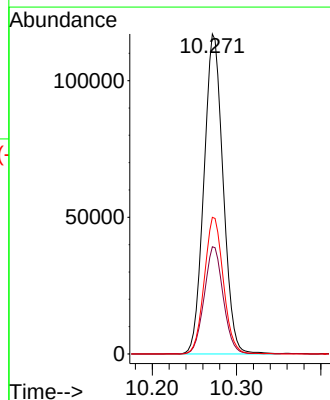
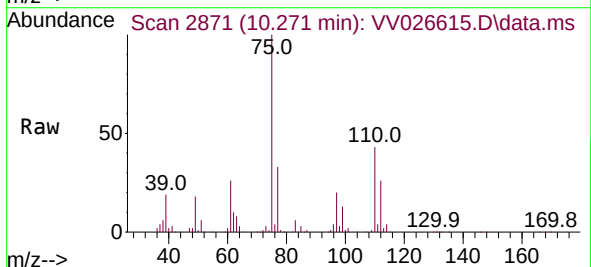
Instrument :
MSVOA_V
ClientSampleId :
VSTD050303

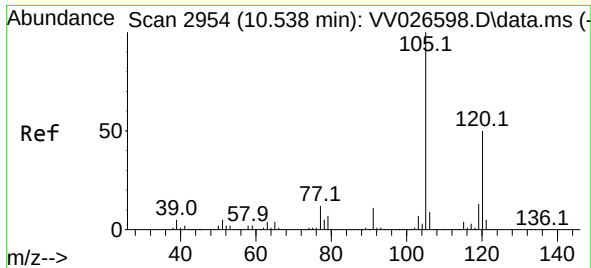
Tgt Ion:105 Resp: 649885
Ion Ratio Lower Upper
105 100
120 26.8 21.2 31.8
77 14.8 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 48.561 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

Tgt Ion: 75 Resp: 185677
Ion Ratio Lower Upper
75 100
77 33.1 25.8 38.6
110 42.4 32.8 49.2

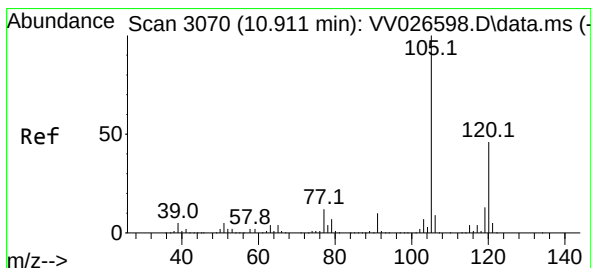
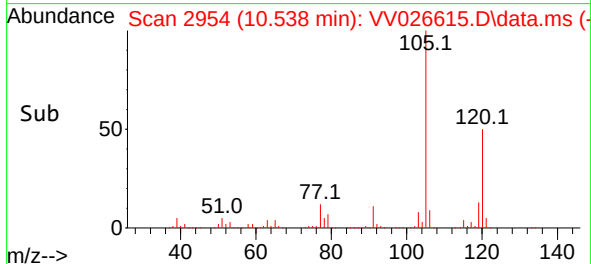
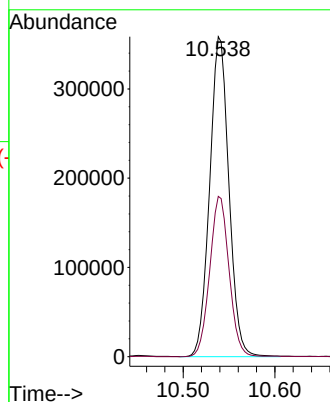
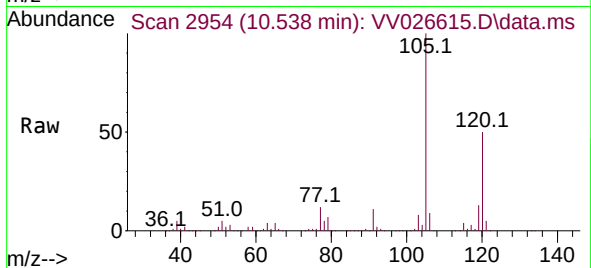




#62
1,3,5-Trimethylbenzene
Concen: 49.543 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

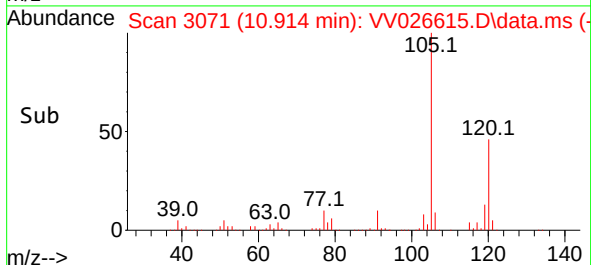
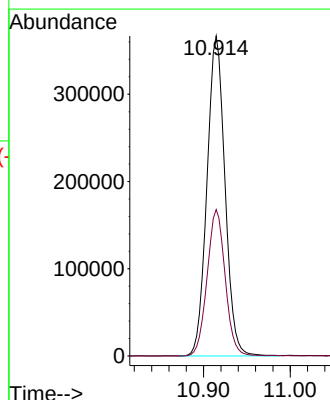
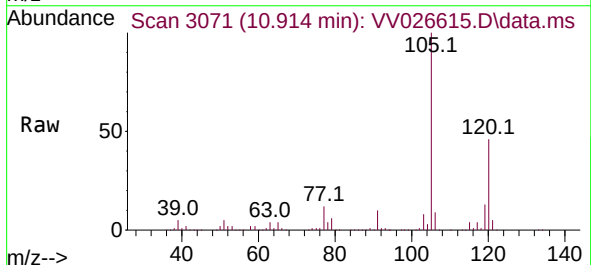
Instrument :
MSVOA_V
ClientSampleId :
VSTD050303

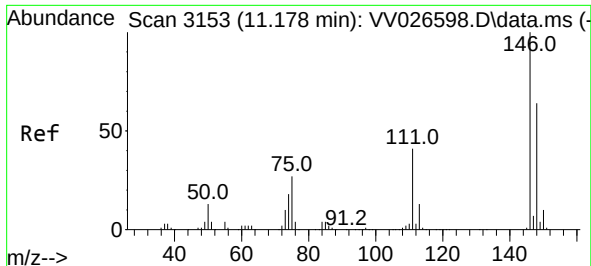
Tgt Ion:105 Resp: 522561
Ion Ratio Lower Upper
105 100
120 50.2 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 50.445 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

Tgt Ion:105 Resp: 529809
Ion Ratio Lower Upper
105 100
120 45.9 37.5 56.3

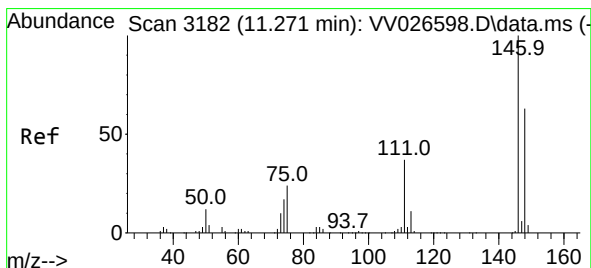
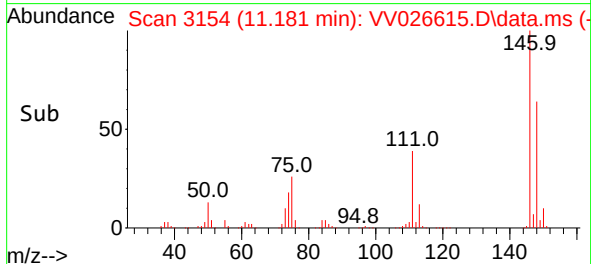
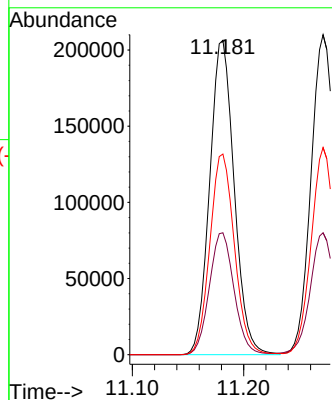
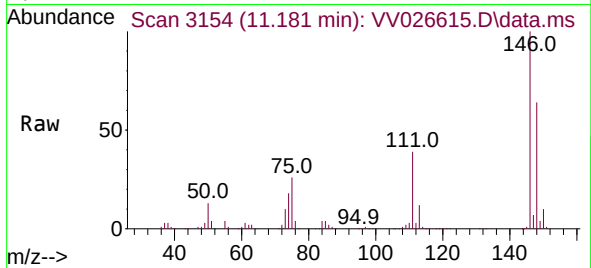




#64
 1,3-Dichlorobenzene
 Concen: 47.882 ug/L
 RT: 11.181 min Scan# 3153
 Delta R.T. 0.003 min
 Lab File: VV026615.D
 Acq: 30 Jun 2022 18:25

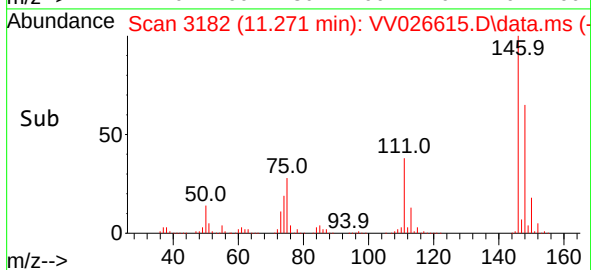
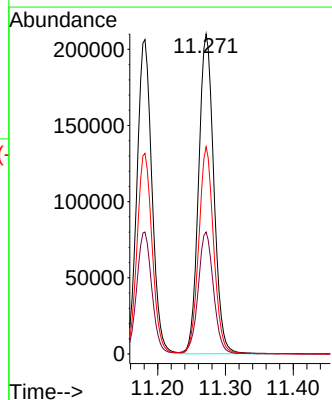
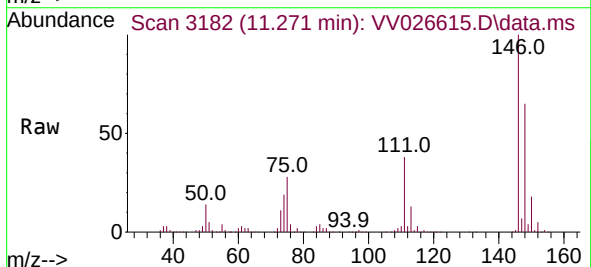
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050303

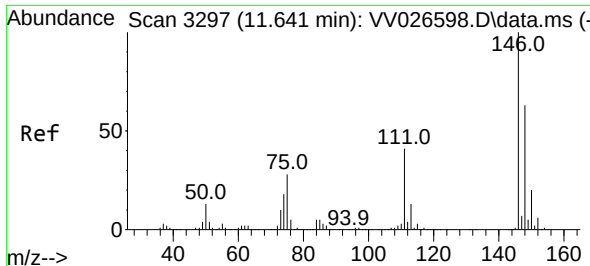
Tgt Ion:146 Resp: 315328
 Ion Ratio Lower Upper
 146 100
 111 38.8 27.4 51.0
 148 63.8 45.1 83.9



#65
 1,4-Dichlorobenzene
 Concen: 47.949 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. -0.000 min
 Lab File: VV026615.D
 Acq: 30 Jun 2022 18:25

Tgt Ion:146 Resp: 327449
 Ion Ratio Lower Upper
 146 100
 111 38.1 26.4 49.0
 148 64.8 44.9 83.3

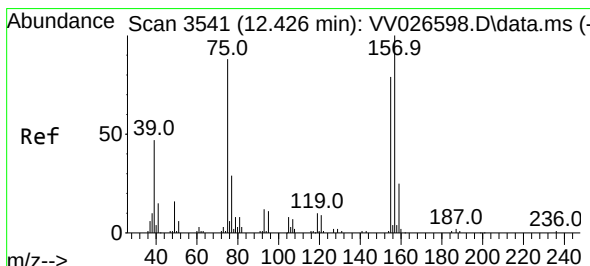
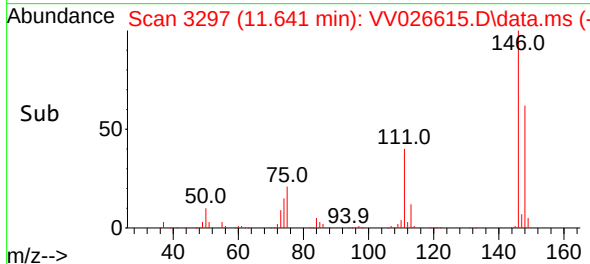
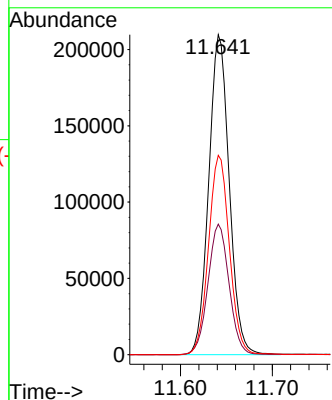
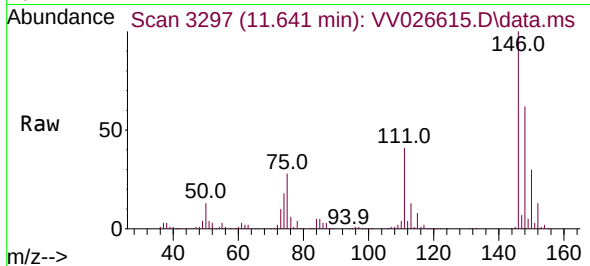




#67
1,2-Dichlorobenzene
Concen: 48.509 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

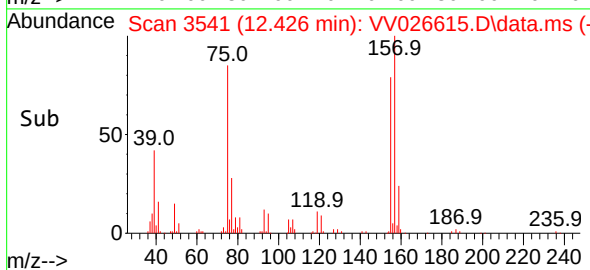
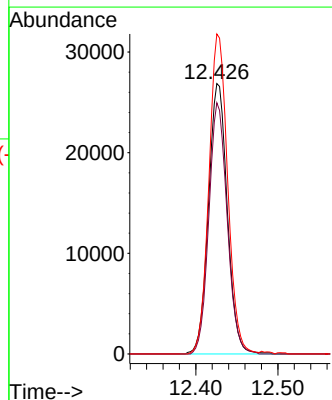
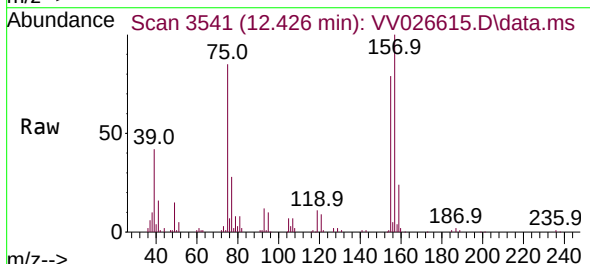
Instrument :
MSVOA_V
ClientSampleId :
VSTD050303

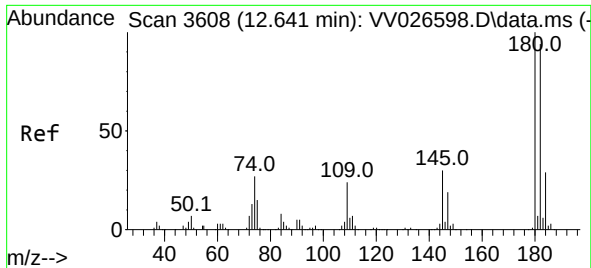
Tgt Ion:146 Resp: 325532
Ion Ratio Lower Upper
146 100
111 40.8 32.8 49.2
148 62.3 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 50.189 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV026615.D
Acq: 30 Jun 2022 18:25

Tgt Ion: 75 Resp: 42859
Ion Ratio Lower Upper
75 100
155 92.9 71.0 106.4
157 118.3 91.3 136.9





#69

1,3,5-Trichlorobenzene

Concen: 46.140 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.003 min

Lab File: VV026615.D

Acq: 30 Jun 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD050303

Tgt Ion:180 Resp: 209141

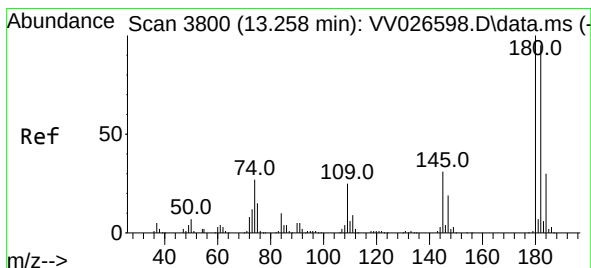
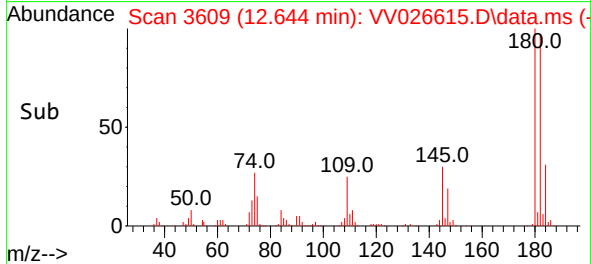
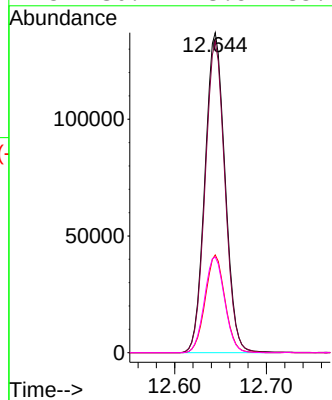
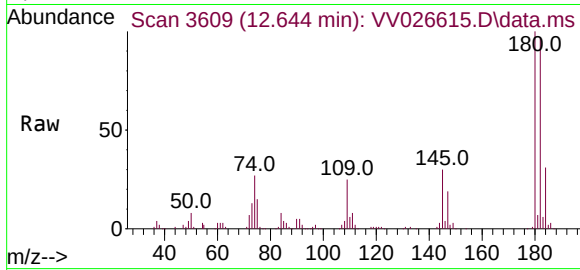
Ion Ratio Lower Upper

180 100

182 95.7 74.9 112.3

184 30.0 23.5 35.3

145 30.1 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 45.351 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV026615.D

Acq: 30 Jun 2022 18:25

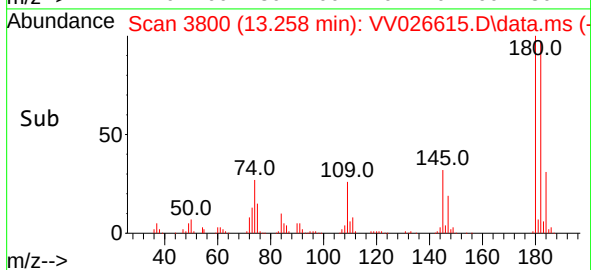
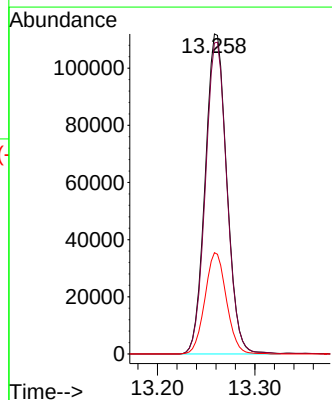
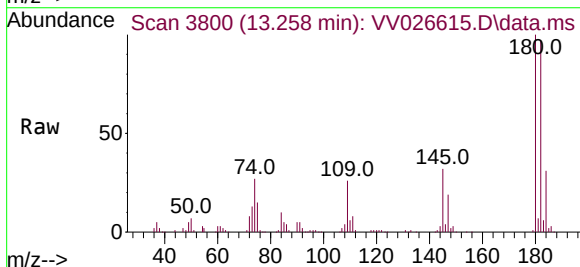
Tgt Ion:180 Resp: 172792

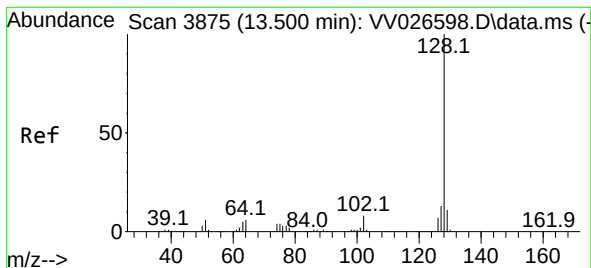
Ion Ratio Lower Upper

180 100

182 96.8 75.9 113.9

145 31.4 24.5 36.7





#71

Naphthalene

Concen: 49.067 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV026615.D

Acq: 30 Jun 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD050303

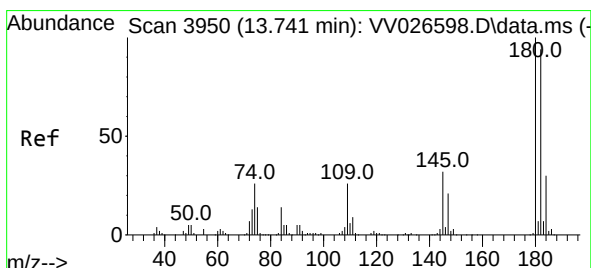
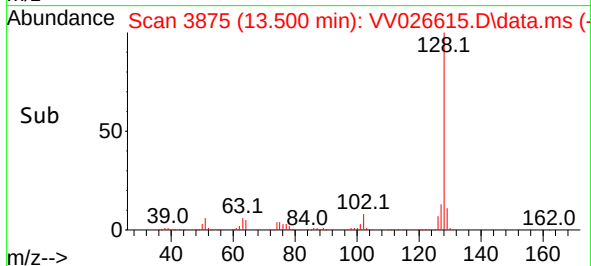
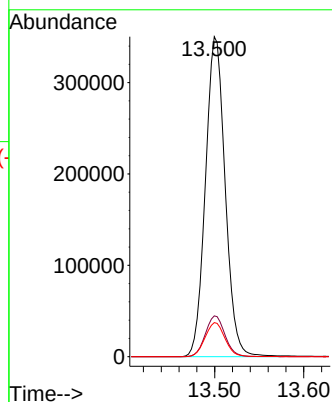
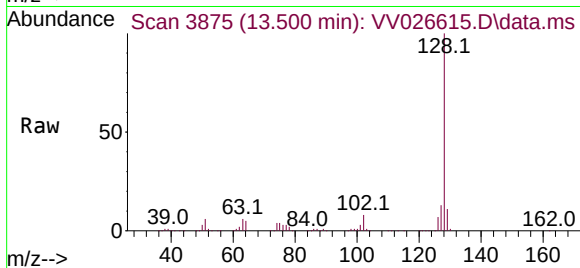
Tgt Ion:128 Resp: 537408

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.8 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 48.808 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV026615.D

Acq: 30 Jun 2022 18:25

Tgt Ion:180 Resp: 188789

Ion Ratio Lower Upper

180 100

182 94.7 76.1 114.1

145 32.6 26.3 39.5

