

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060622\
 Data File : VW026001.D
 Acq On : 06 Jun 2022 14:55
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050300

Quant Time: Jun 07 02:29:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 07 02:25:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	355577	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	357422	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	207726	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	162132	35.330	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.660%
7) Chloroethane-d5	1.571	69	141526	35.118	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.240%
11) 1,1-Dichloroethene-d2	2.111	63	334708	41.702	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.400%
21) 2-Butanone-d5	3.896	46	171183	87.031	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.030%
24) Chloroform-d	4.349	84	308841	48.183	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.360%
26) 1,2-Dichloroethane-d4	5.031	65	176792	45.638	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.280%
32) Benzene-d6	5.050	84	601465	48.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.540%
36) 1,2-Dichloropropane-d6	6.069	67	190585	49.800	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.600%
41) Toluene-d8	7.314	98	573673	49.969	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.940%
43) trans-1,3-Dichloroprop...	7.619	79	87432	51.179	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.360%
47) 2-Hexanone-d5	8.088	63	155476	110.810	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.810%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	269968	52.898	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	227764	49.985	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	172327	46.875	ug/L	99
3) Chloromethane	1.243	50	197730	44.472	ug/L	100
5) Vinyl chloride	1.314	62	209920	46.440	ug/L	100
6) Bromomethane	1.526	94	125161	45.567	ug/L	100
8) Chloroethane	1.587	64	140487	41.616	ug/L	99
9) Trichlorofluoromethane	1.754	101	305679	47.585	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	177150	51.905	ug/L	98
12) 1,1-Dichloroethene	2.121	96	165644	49.345	ug/L	91
13) Acetone	2.185	43	104654	77.970	ug/L	99
14) Carbon disulfide	2.294	76	395938	47.686	ug/L	99
15) Methyl Acetate	2.439	43	131015	45.561	ug/L	100
16) Methylene chloride	2.510	84	177891	54.711	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	154772	53.665	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	479842	57.207	ug/L	98
19) 1,1-Dichloroethane	3.191	63	299453	55.590	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	172160	55.303	ug/L	100
22) 2-Butanone	3.976	43	142586	79.658	ug/L	97
23) Bromochloromethane	4.246	128	89998	54.733	ug/L	98
25) Chloroform	4.375	83	313423	54.907	ug/L	98

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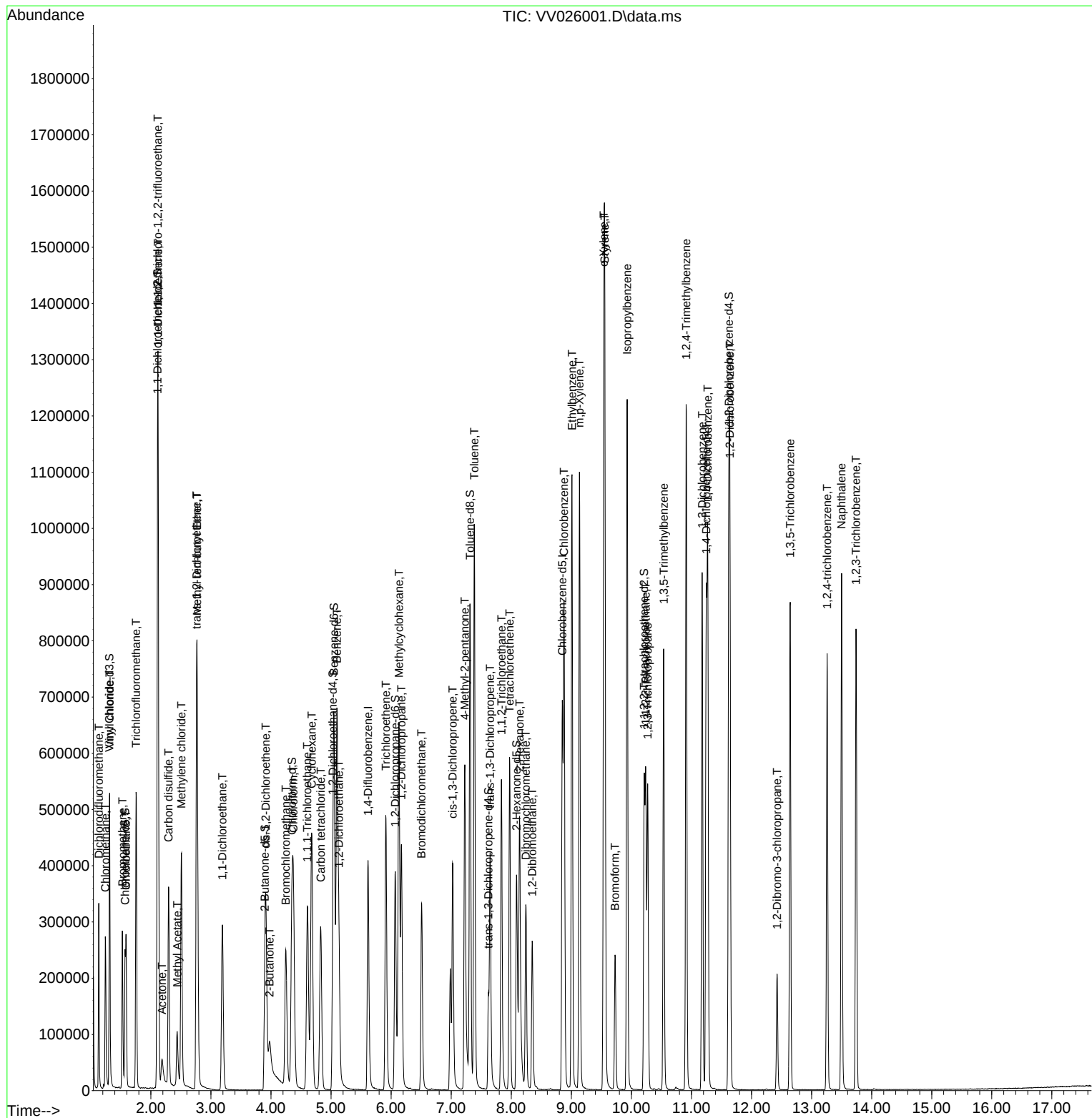
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	217994	50.512	ug/L	96
29) Cyclohexane	4.677	56	244712	56.553	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	267281	55.062	ug/L	98
31) Carbon tetrachloride	4.828	117	221737	54.410	ug/L	99
33) Benzene	5.098	78	680024	56.504	ug/L	100
34) Trichloroethene	5.912	95	173490	55.115	ug/L	98
35) Methylcyclohexane	6.130	83	273612	58.037	ug/L	99
37) 1,2-Dichloropropane	6.172	63	176435	58.360	ug/L	99
38) Bromodichloromethane	6.506	83	227353	55.611	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	252152	58.487	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	426615	120.722	ug/L	98
42) Toluene	7.384	91	730624	56.591	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	241862	58.313	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	176104	57.329	ug/L	99
46) Tetrachloroethene	7.973	164	131319	56.555	ug/L	97
48) 2-Hexanone	8.140	43	328429	119.446	ug/L	97
49) Dibromochloromethane	8.243	129	170770	56.360	ug/L	97
50) 1,2-Dibromoethane	8.349	107	179294	57.396	ug/L	98
51) Chlorobenzene	8.879	112	463082	56.014	ug/L	99
52) Ethylbenzene	9.011	91	774351	58.136	ug/L	99
53) m,p-Xylene	9.137	106	304194	58.879	ug/L	99
54) o-Xylene	9.542	106	298821	58.880	ug/L	98
55) Styrene	9.558	104	532976	60.271	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	268698	58.626	ug/L	100
59) Bromoform	9.728	173	106202	53.000	ug/L	99
60) Isopropylbenzene	9.931	105	786574	56.531	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	215554	52.426	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	412363	57.496	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	646033	58.056	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	363427	55.180	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	375605	54.418	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	373476	54.823	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	50331	53.022	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	259495	57.062	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	222669	57.501	ug/L	98
71) Naphthalene	13.500	128	698461	60.903	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	236168	59.847	ug/L	99

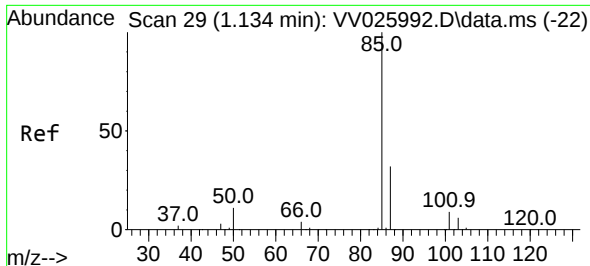
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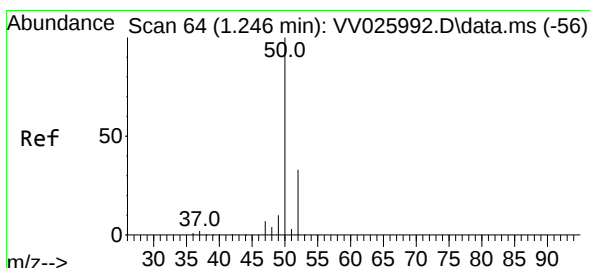
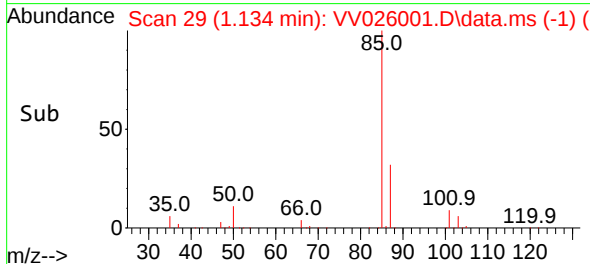
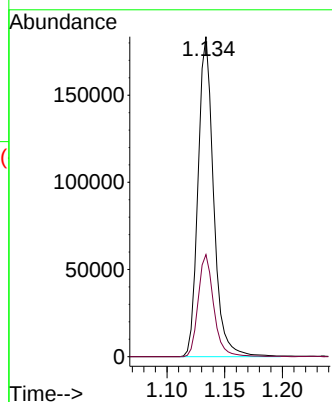
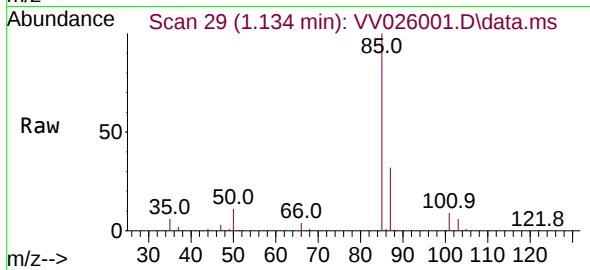




#2
 Dichlorodifluoromethane
 Concen: 46.875 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VV026001.D
 Acq: 06 Jun 2022 14:55

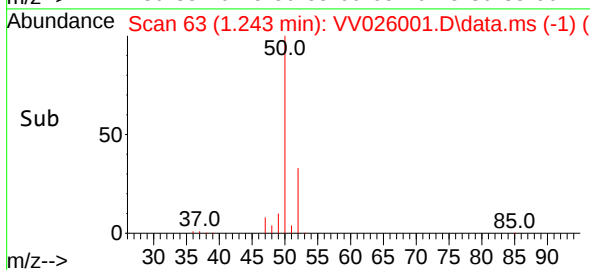
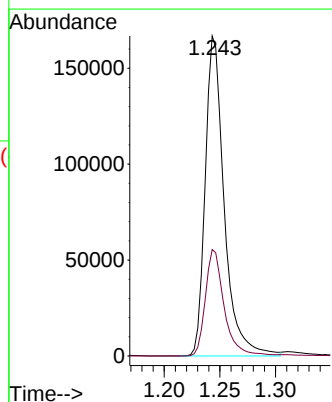
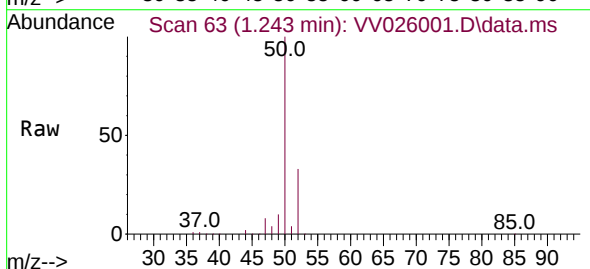
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050300

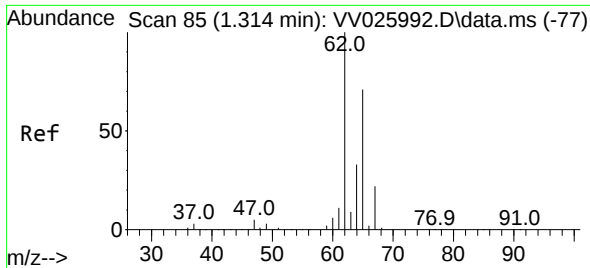
Tgt Ion: 85 Resp: 172327
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.0 39.0



#3
 Chloromethane
 Concen: 44.472 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.003 min
 Lab File: VV026001.D
 Acq: 06 Jun 2022 14:55

Tgt Ion: 50 Resp: 197730
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.2 43.2

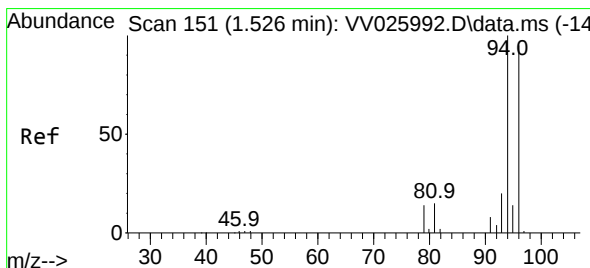
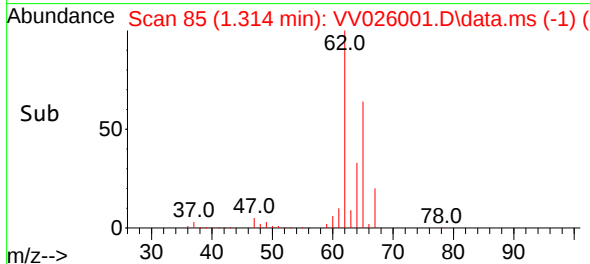
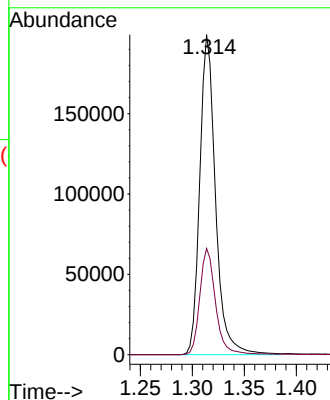
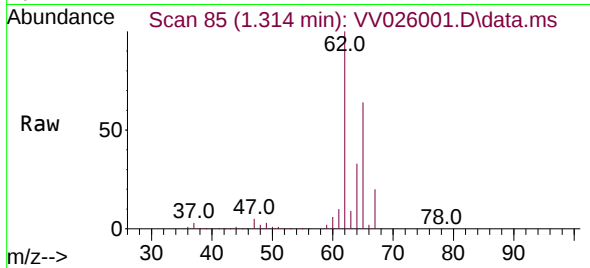




#5
 Vinyl chloride
 Concen: 46.440 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV026001.D
 Acq: 06 Jun 2022 14:55

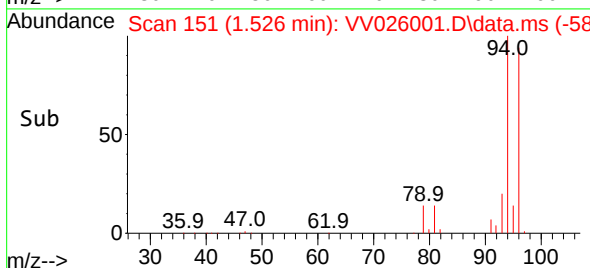
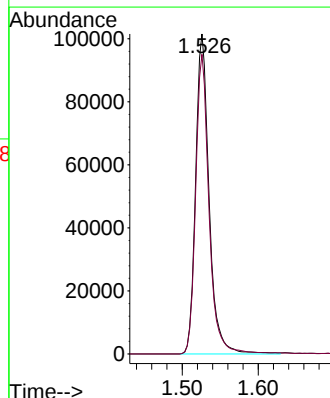
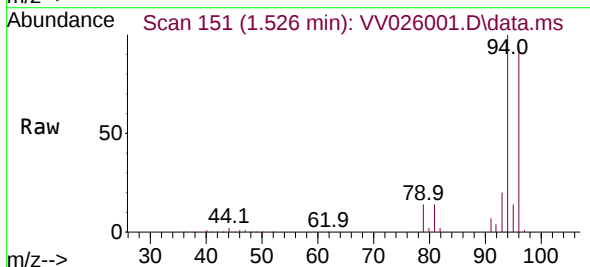
Instrument :
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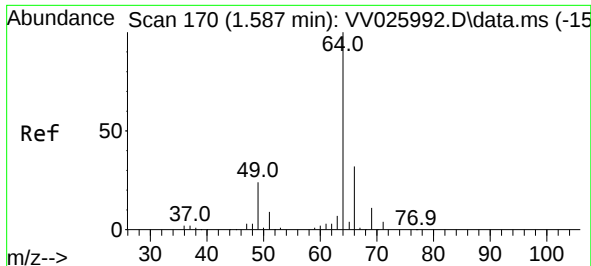
Tgt Ion: 62 Resp: 209920
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.2 43.0



#6
 Bromomethane
 Concen: 45.567 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV026001.D
 Acq: 06 Jun 2022 14:55

Tgt Ion: 94 Resp: 125161
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.9 122.3

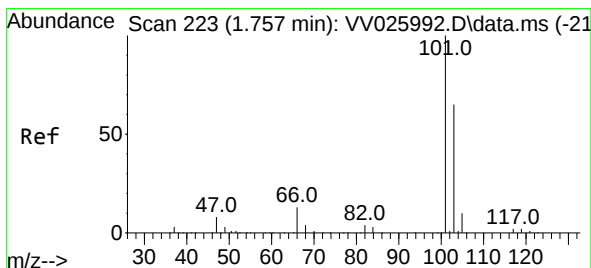
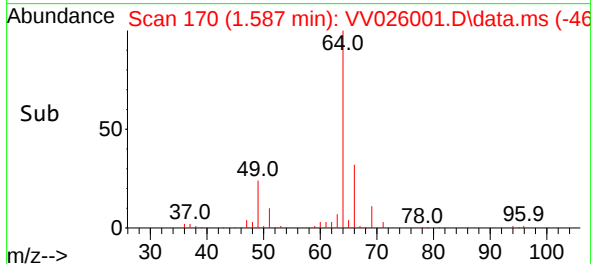
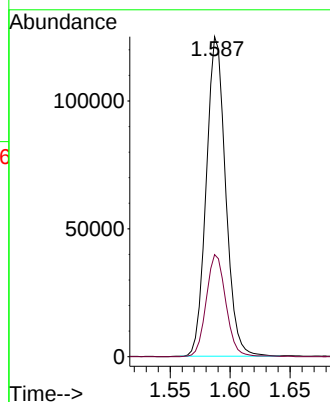
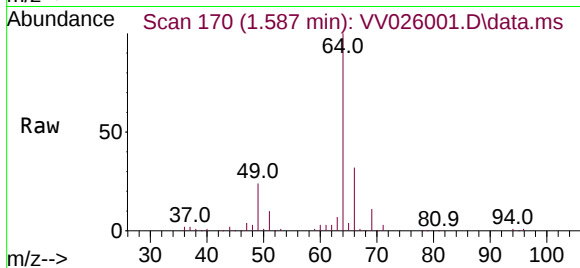




#8
Chloroethane
Concen: 41.616 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

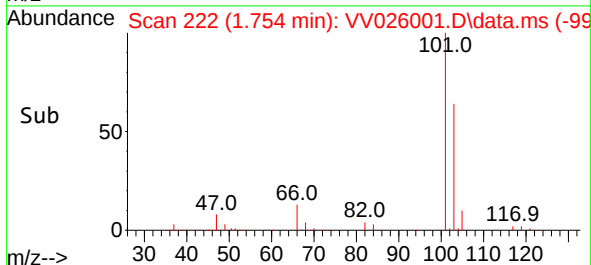
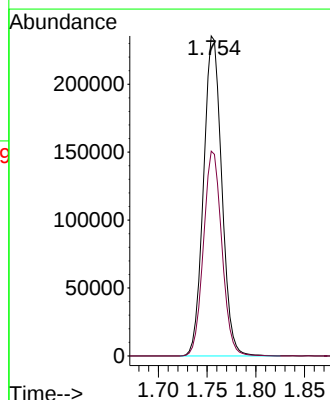
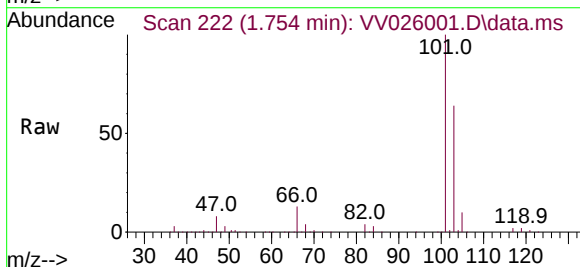
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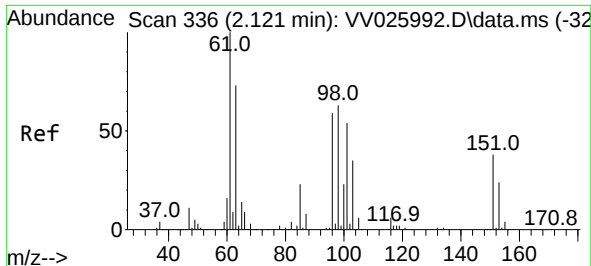
Tgt Ion: 64 Resp: 140487
Ion Ratio Lower Upper
64 100
66 31.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 47.585 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.003 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

Tgt Ion:101 Resp: 305679
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

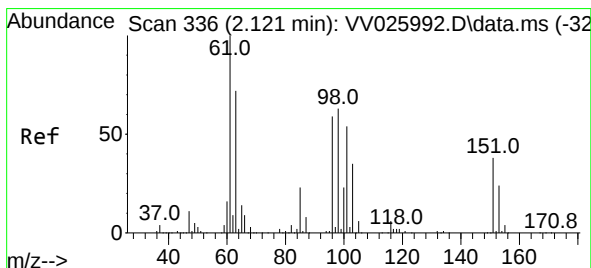
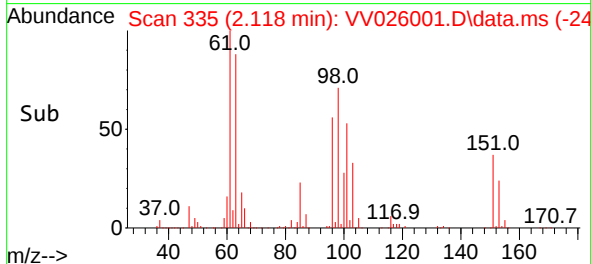
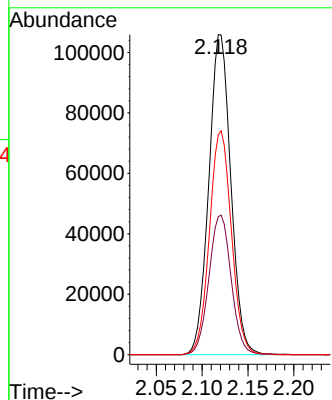
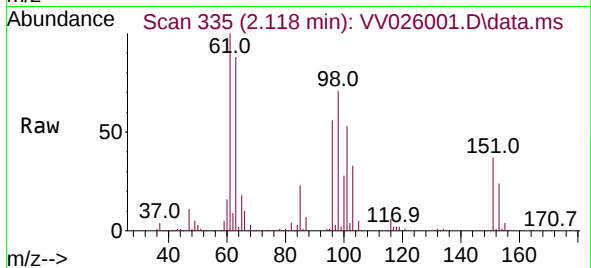




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.905 ug/L
RT: 2.118 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

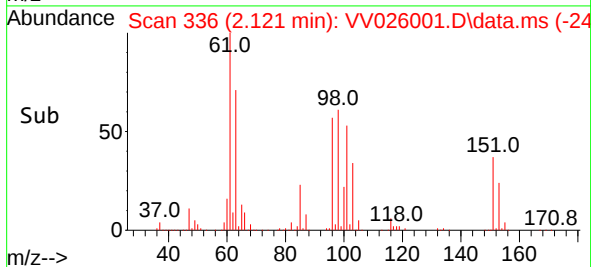
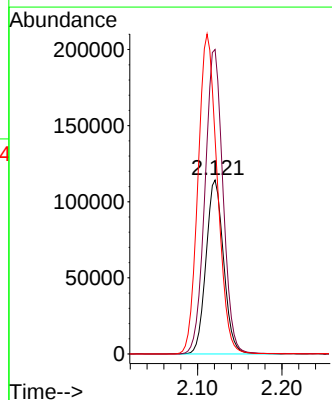
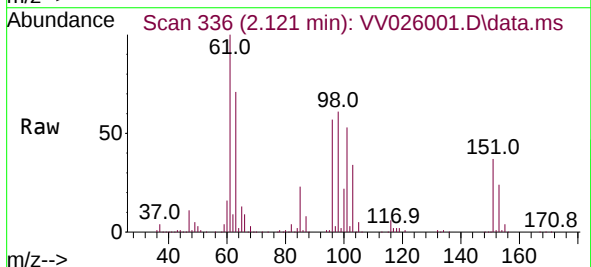
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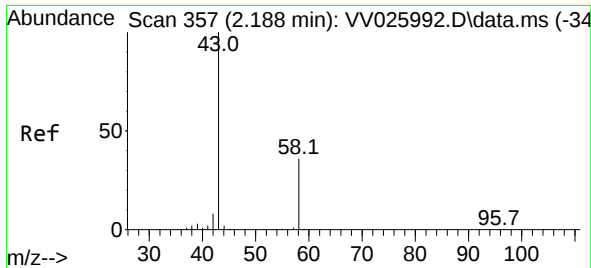
Tgt Ion:101 Resp: 177150
Ion Ratio Lower Upper
101 100
85 44.1 34.6 51.8
151 69.8 54.3 81.5



#12
1,1-Dichloroethene
Concen: 49.345 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.000 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

Tgt Ion: 96 Resp: 165644
Ion Ratio Lower Upper
96 100
61 175.0 124.6 231.4
63 124.0 101.6 188.6





#13

Acetone

Concen: 77.970 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV026001.D

Acq: 06 Jun 2022 14:55

Instrument :

MSVOA_V

ClientSampleId :

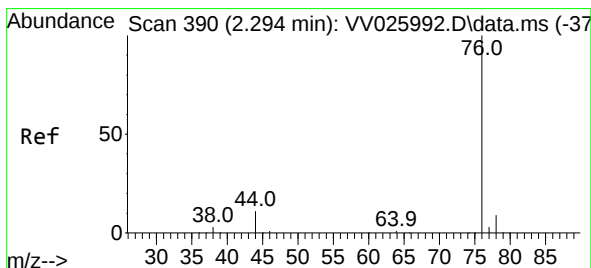
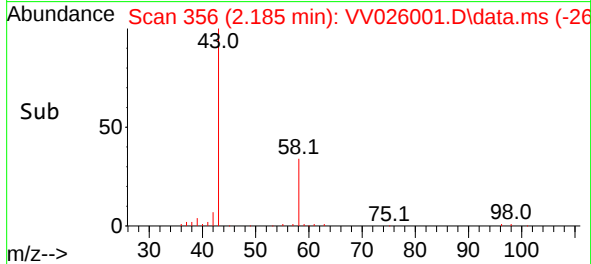
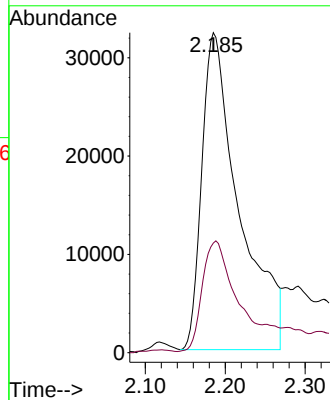
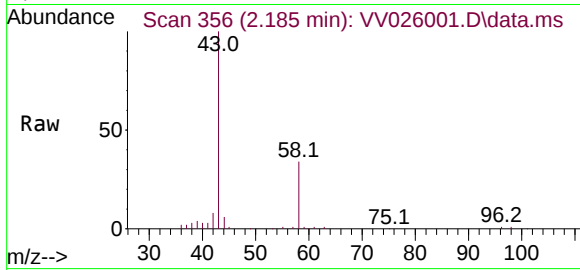
VSTD050300

Tgt Ion: 43 Resp: 104654

Ion Ratio Lower Upper

43 100

58 31.8 0.0 65.0



#14

Carbon disulfide

Concen: 47.686 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

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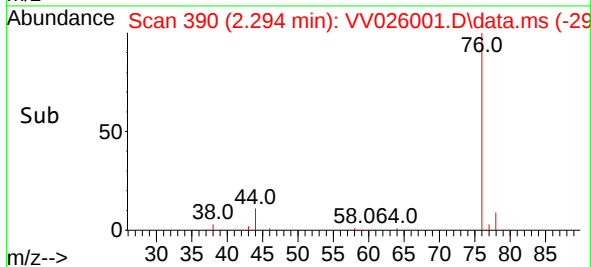
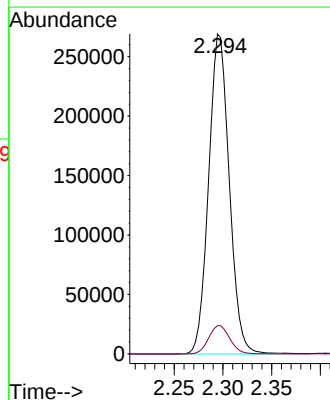
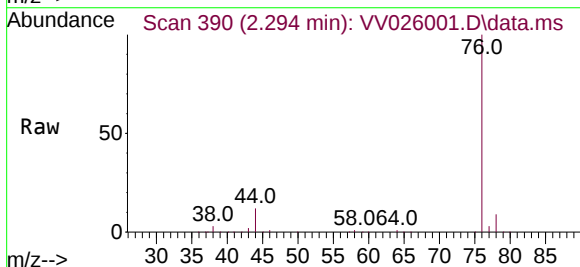
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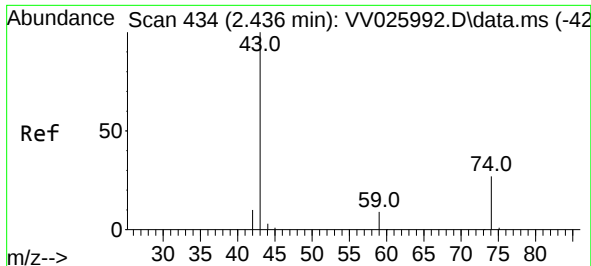
Tgt Ion: 76 Resp: 395938

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0

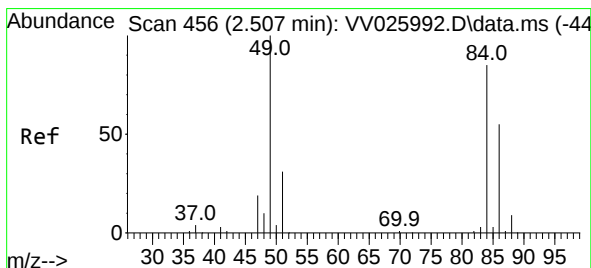
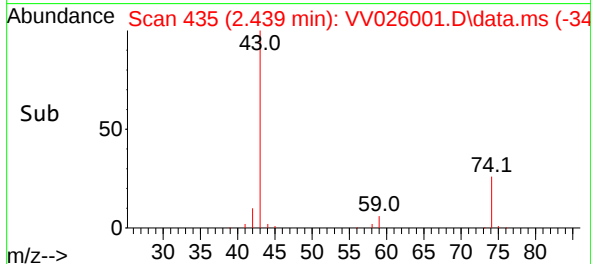
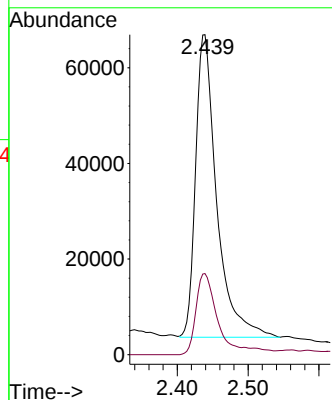
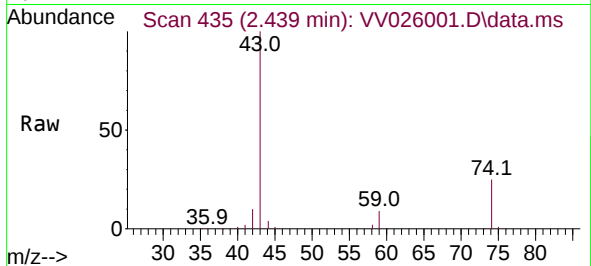




#15
Methyl Acetate
Concen: 45.561 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

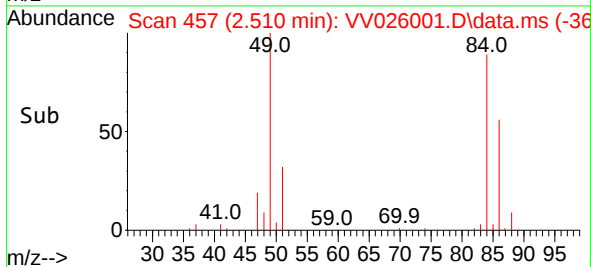
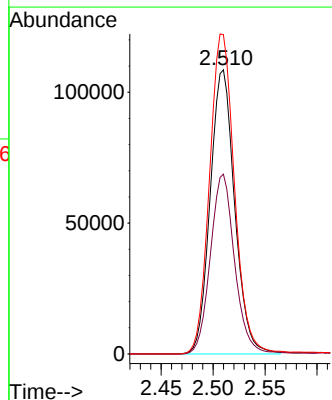
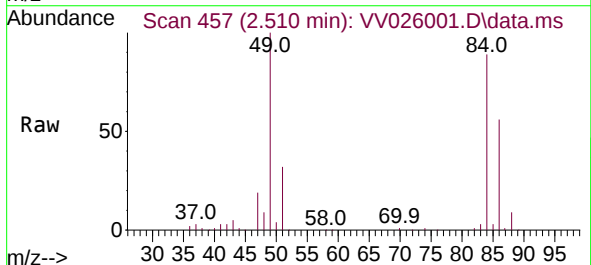
Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

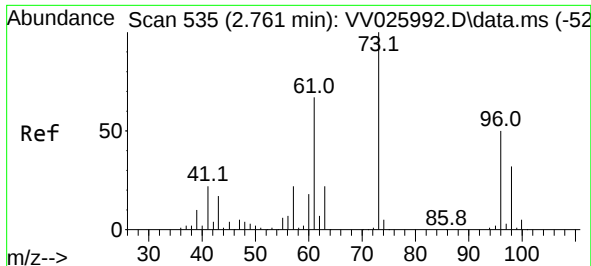
Tgt Ion: 43 Resp: 131015
Ion Ratio Lower Upper
43 100
74 26.1 20.7 31.1



#16
Methylene chloride
Concen: 54.711 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

Tgt Ion: 84 Resp: 177891
Ion Ratio Lower Upper
84 100
86 63.3 44.2 82.0
49 112.4 82.7 153.5

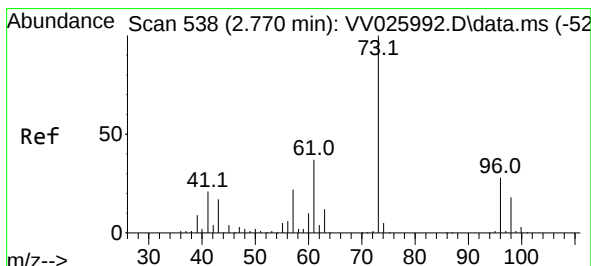
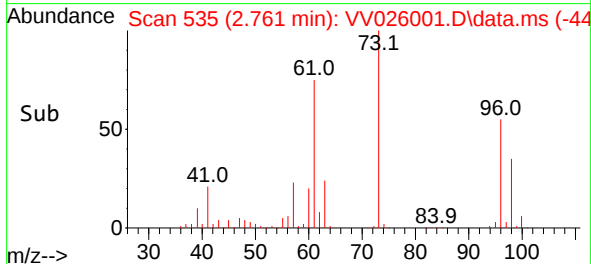
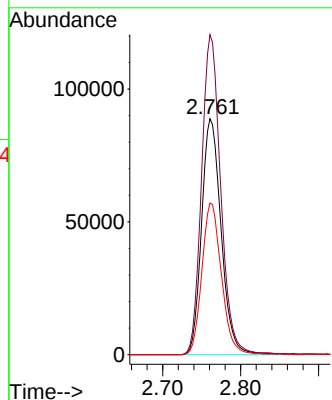
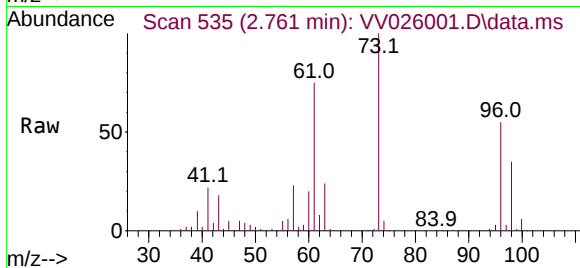




#17
trans-1,2-Dichloroethene
Concen: 53.665 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

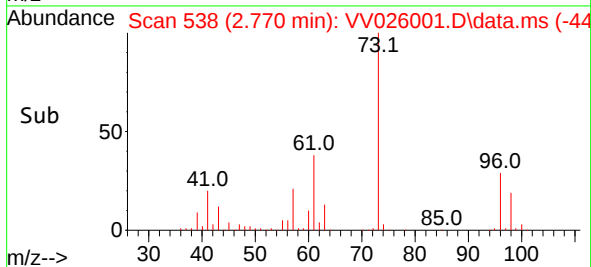
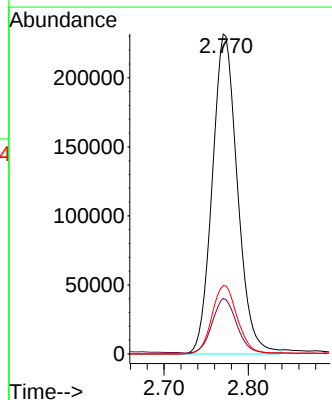
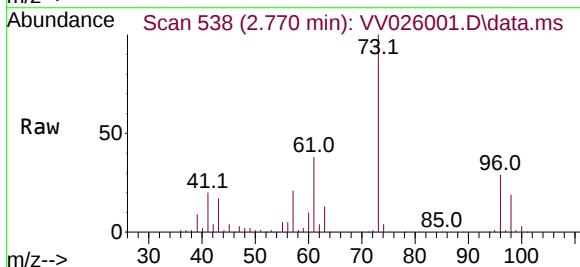
Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

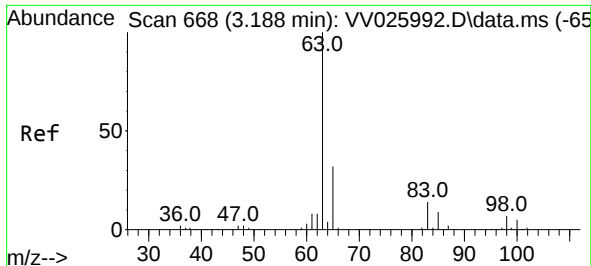
Tgt Ion: 96 Resp: 154772
Ion Ratio Lower Upper
96 100
61 135.6 92.7 172.1
98 64.3 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 57.207 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

Tgt Ion: 73 Resp: 479842
Ion Ratio Lower Upper
73 100
43 16.4 14.6 22.0
57 21.8 17.5 26.3





#19

1,1-Dichloroethane

Concen: 55.590 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.003 min

Lab File: VV026001.D

Acq: 06 Jun 2022 14:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD050300

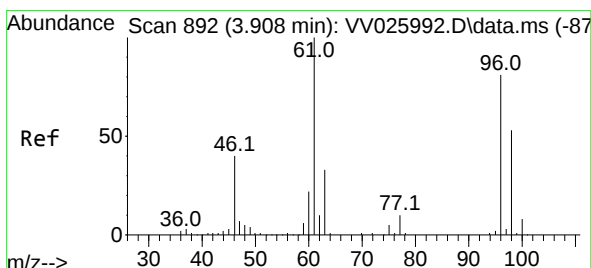
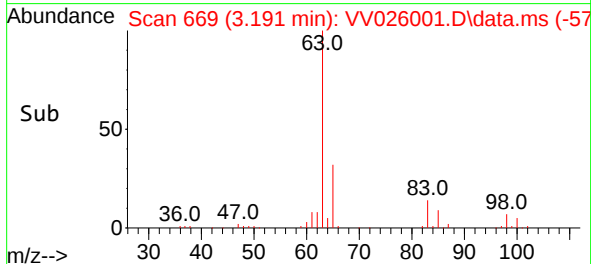
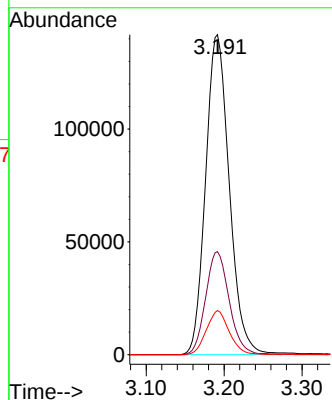
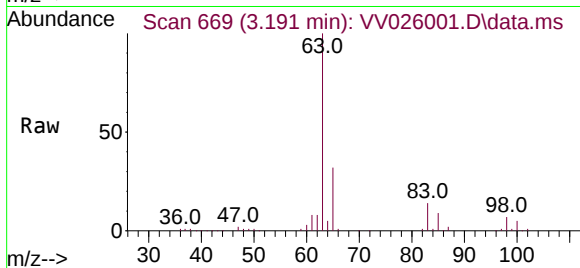
Tgt Ion: 63 Resp: 299453

Ion Ratio Lower Upper

63 100

65 32.2 22.0 40.8

83 13.8 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 55.303 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV026001.D

Acq: 06 Jun 2022 14:55

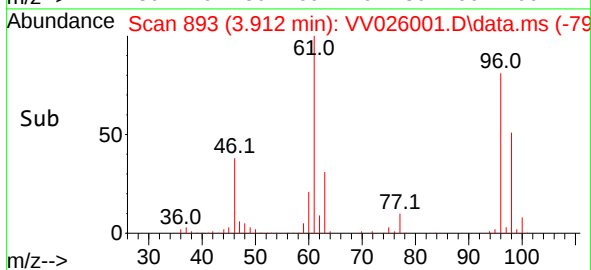
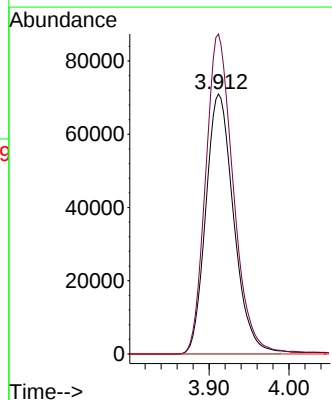
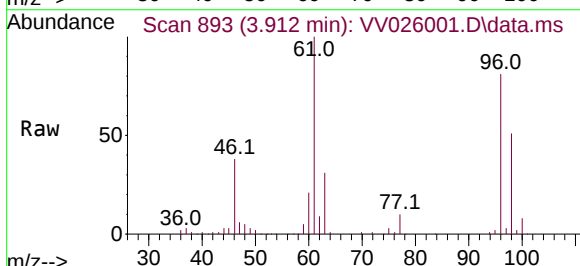
Tgt Ion: 96 Resp: 172160

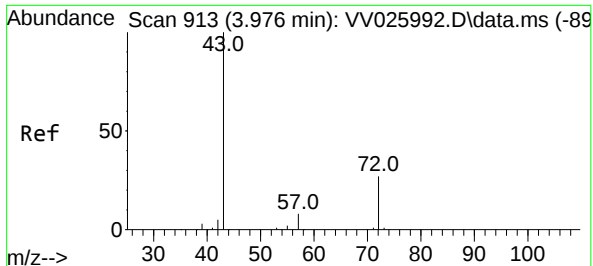
Ion Ratio Lower Upper

96 100

61 123.1 86.0 159.6

68 0.0 0.0 0.0

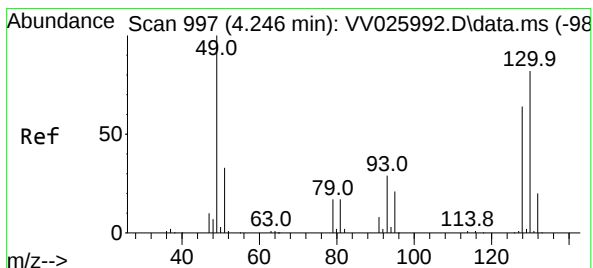
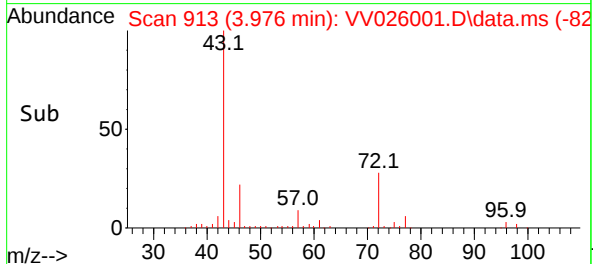
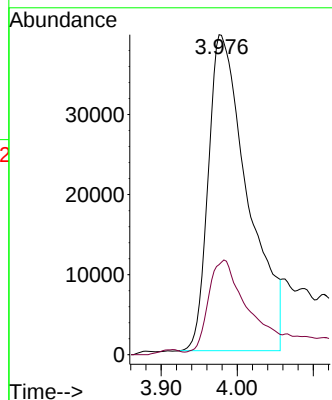
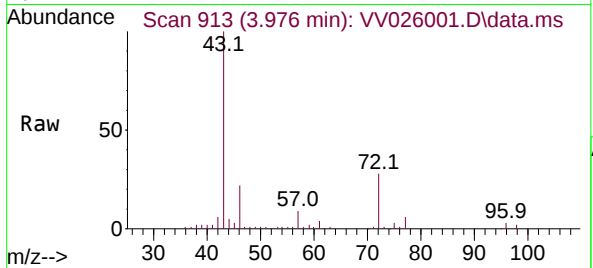




#22
2-Butanone
Concen: 79.658 ug/L
RT: 3.976 min Scan# 913
Delta R.T. 0.000 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

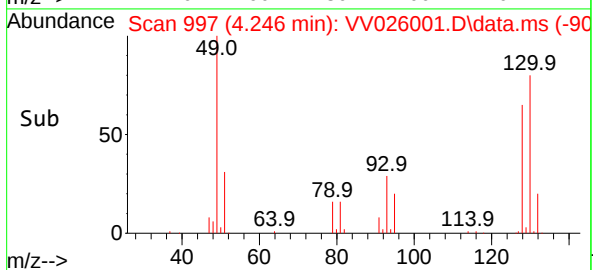
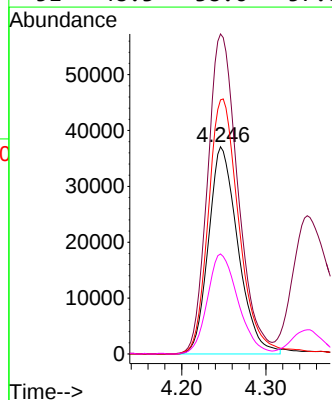
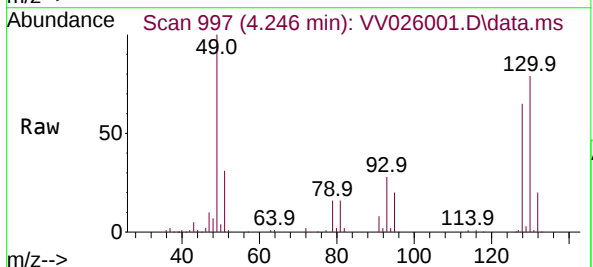
Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

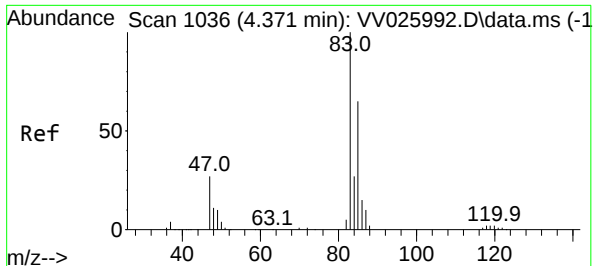
Tgt Ion: 43 Resp: 142586
Ion Ratio Lower Upper
43 100
72 28.9 13.8 41.4



#23
Bromochloromethane
Concen: 54.733 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.000 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

Tgt Ion: 128 Resp: 89998
Ion Ratio Lower Upper
128 100
49 154.4 111.0 206.2
130 122.6 87.1 161.7
51 48.3 38.6 57.8





#25

Chloroform

Concen: 54.907 ug/L

RT: 4.375 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV026001.D

Acq: 06 Jun 2022 14:55

Instrument :

MSVOA_V

ClientSampleId :

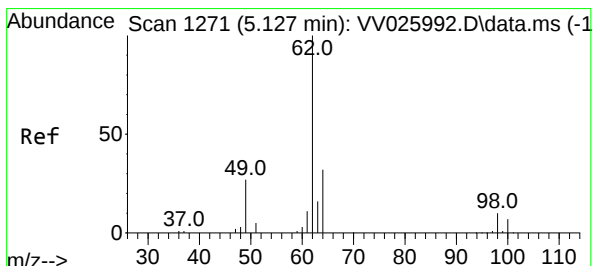
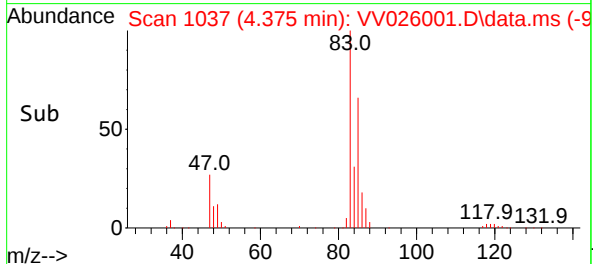
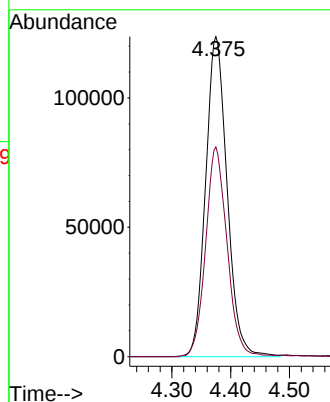
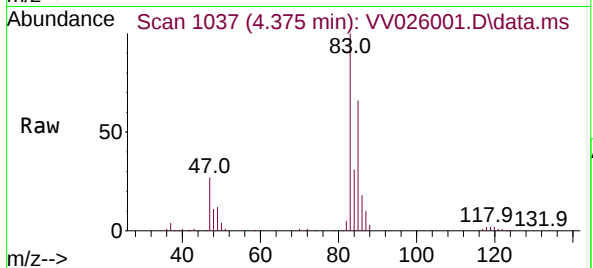
VSTD050300

Tgt Ion: 83 Resp: 313423

Ion Ratio Lower Upper

83 100

85 65.6 44.9 83.3



#27

1,2-Dichloroethane

Concen: 50.512 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV026001.D

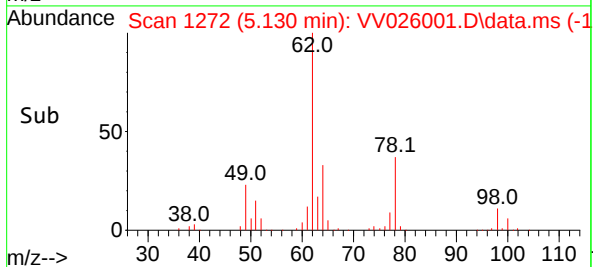
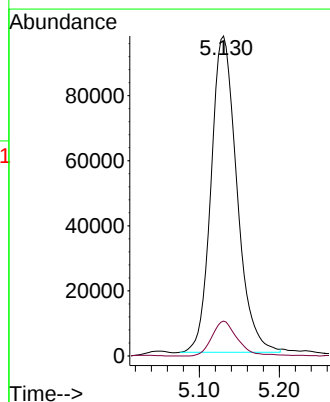
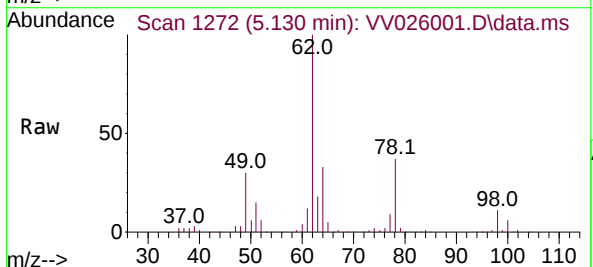
Acq: 06 Jun 2022 14:55

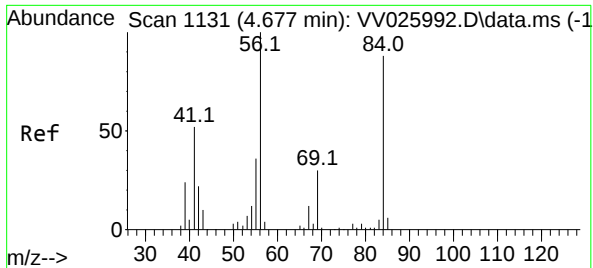
Tgt Ion: 62 Resp: 217994

Ion Ratio Lower Upper

62 100

98 10.9 7.7 11.5

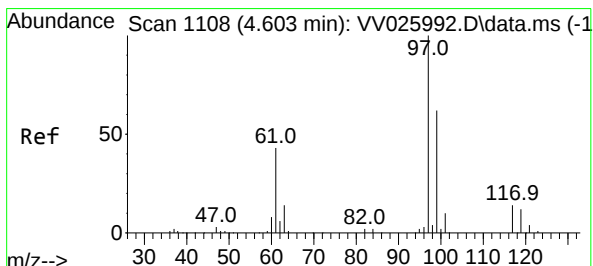
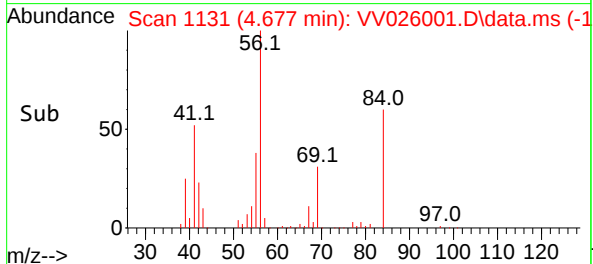
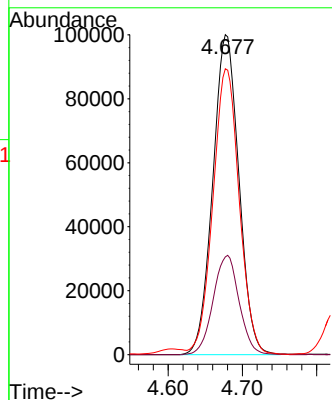
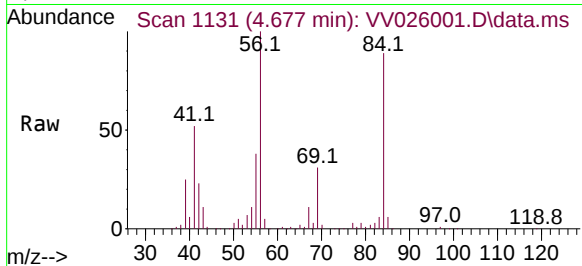




#29
Cyclohexane
Concen: 56.553 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

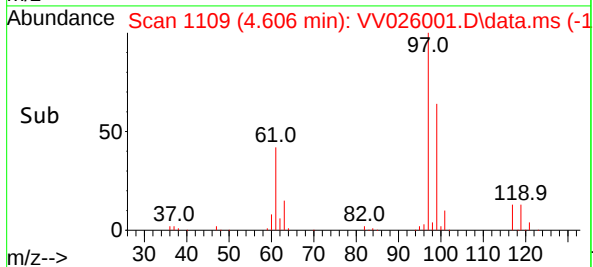
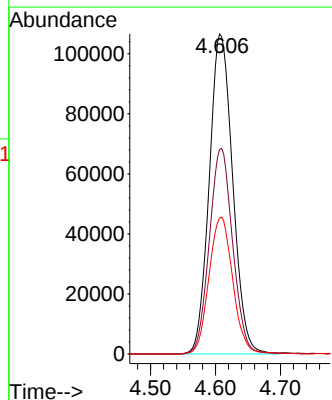
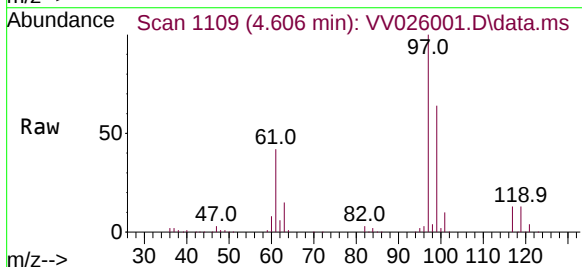
Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

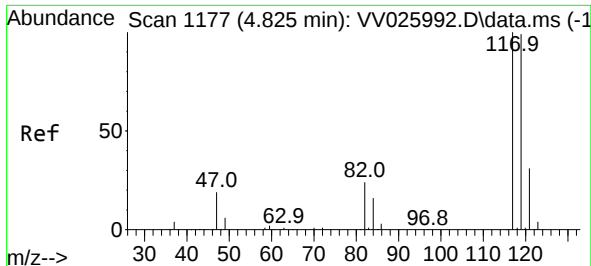
Tgt Ion:	56	Resp:	244712
Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.8	37.2
84	89.8	73.8	110.8



#30
1,1,1-Trichloroethane
Concen: 55.062 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.003 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

Tgt Ion:	97	Resp:	267281
Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.6	78.8
61	43.3	35.6	53.4

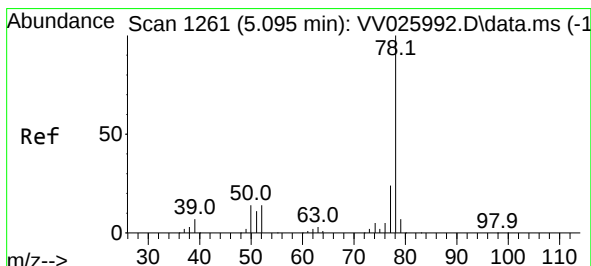
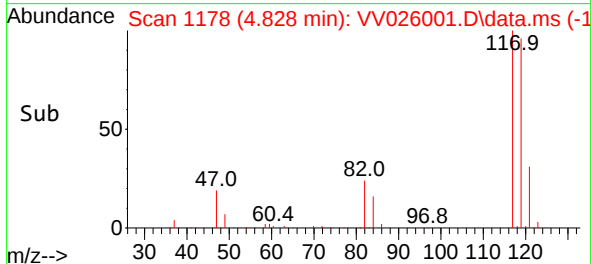
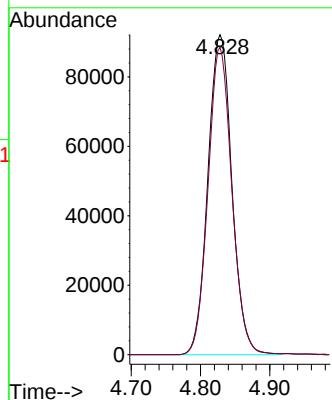
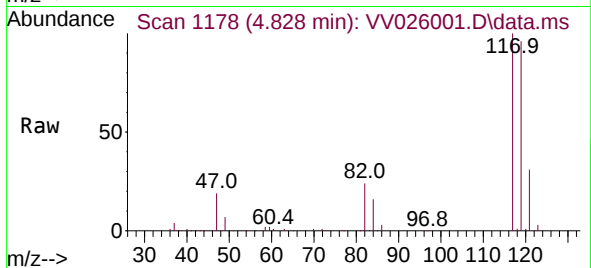




#31
Carbon tetrachloride
Concen: 54.410 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

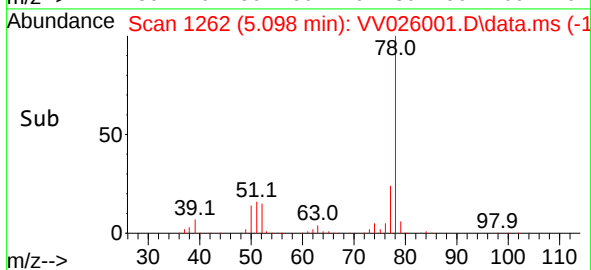
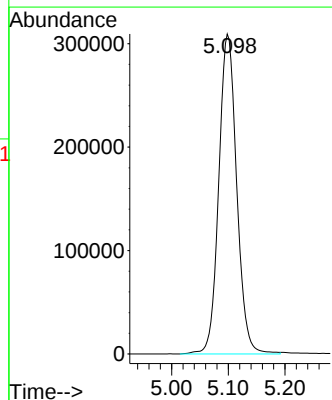
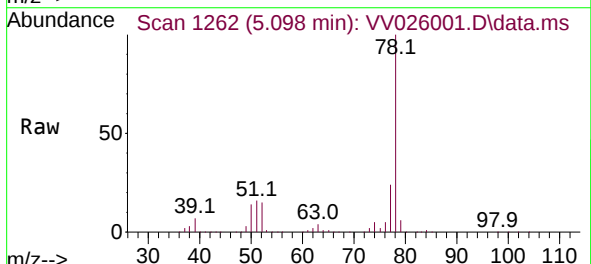
Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

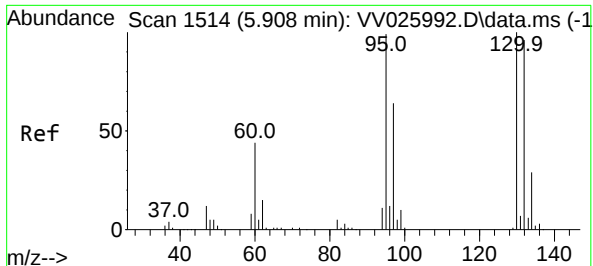
Tgt Ion:117 Resp: 221737
Ion Ratio Lower Upper
117 100
119 95.2 76.9 115.3



#33
Benzene
Concen: 56.504 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

Tgt Ion: 78 Resp: 680024

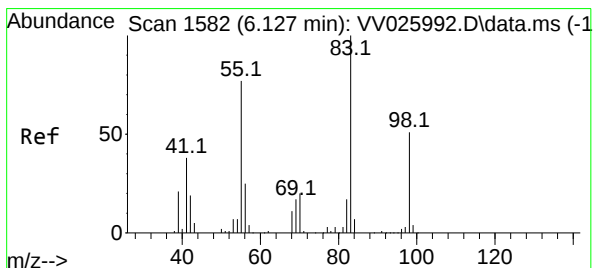
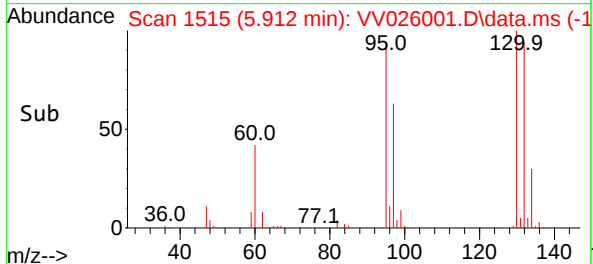
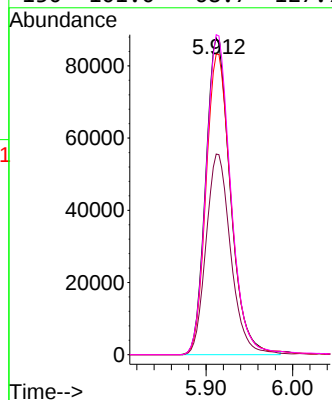
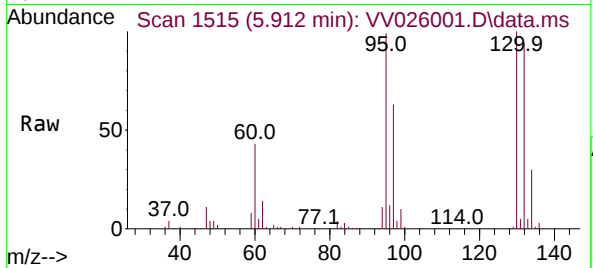




#34
Trichloroethene
Concen: 55.115 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

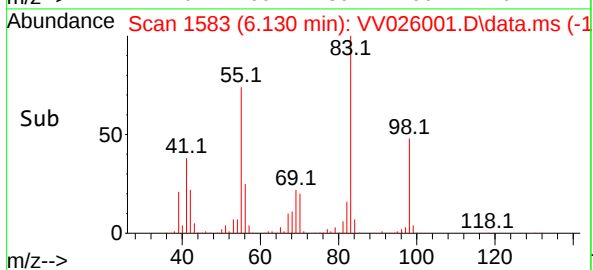
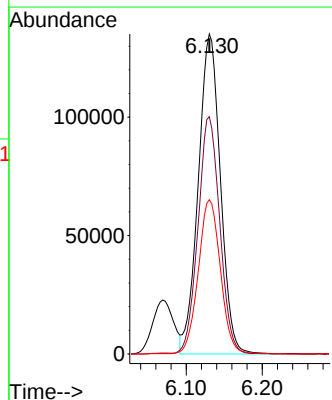
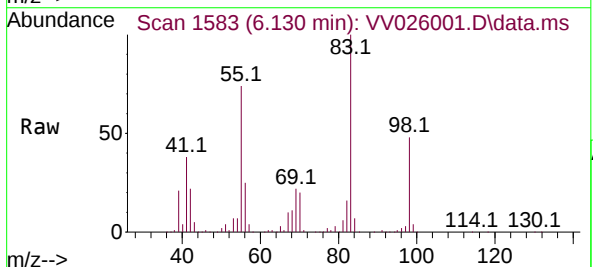
Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

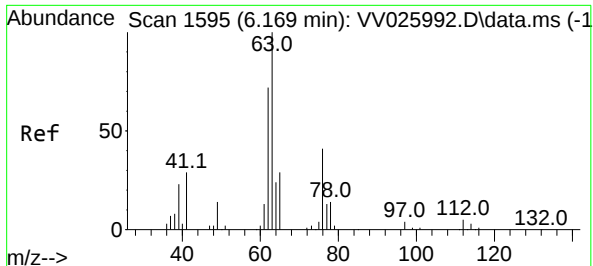
Tgt Ion: 95 Resp: 173490
Ion Ratio Lower Upper
95 100
97 63.3 44.2 82.0
132 94.8 67.7 125.7
130 101.0 68.7 127.7



#35
Methylcyclohexane
Concen: 58.037 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

Tgt Ion: 83 Resp: 273612
Ion Ratio Lower Upper
83 100
55 72.6 58.6 87.8
98 47.9 39.1 58.7





#37

1,2-Dichloropropane

Concen: 58.360 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026001.D

Acq: 06 Jun 2022 14:55

Instrument :

MSVOA_V

ClientSampleId :

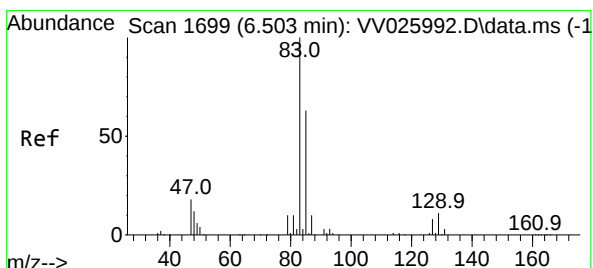
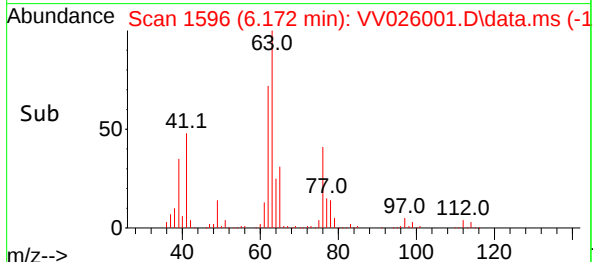
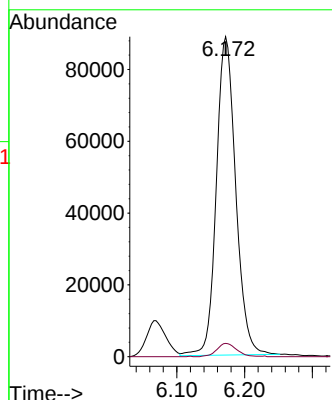
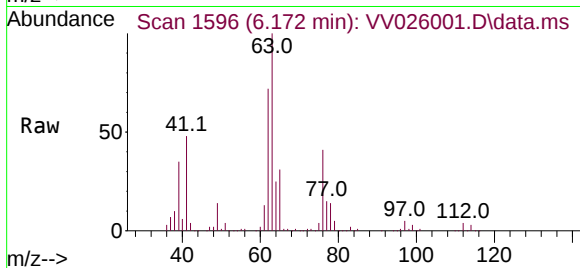
VSTD050300

Tgt Ion: 63 Resp: 176435

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.6



#38

Bromodichloromethane

Concen: 55.611 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV026001.D

Acq: 06 Jun 2022 14:55

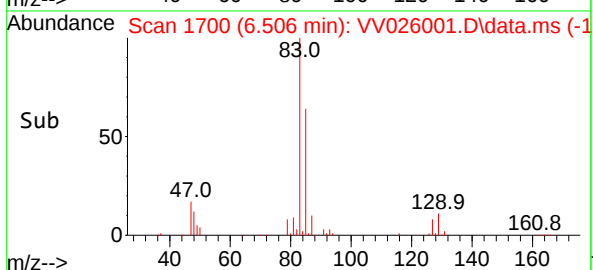
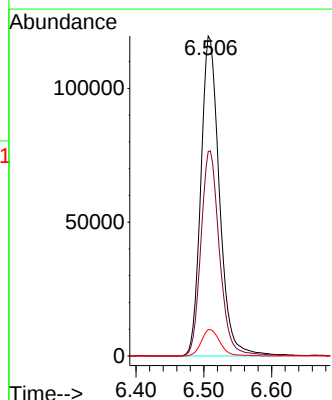
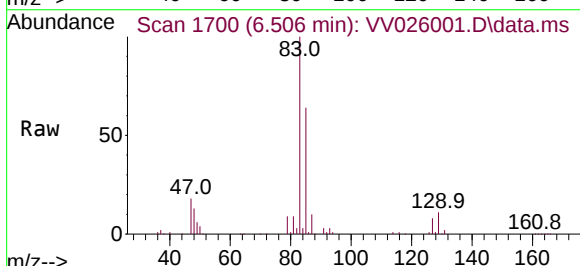
Tgt Ion: 83 Resp: 227353

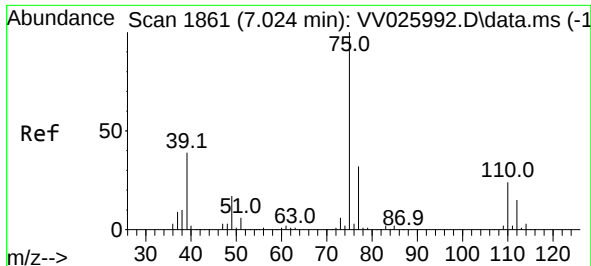
Ion Ratio Lower Upper

83 100

85 63.9 46.0 85.4

127 8.2 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 58.487 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV026001.D

Acq: 06 Jun 2022 14:55

Instrument :

MSVOA_V

ClientSampleId :

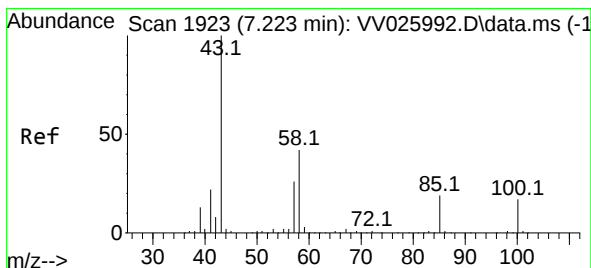
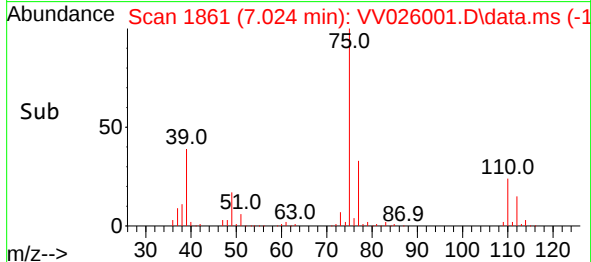
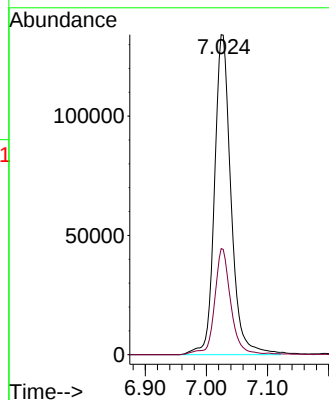
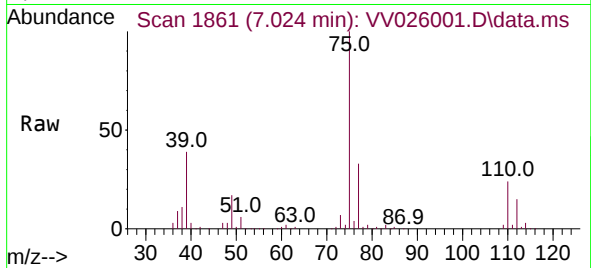
VSTD050300

Tgt Ion: 75 Resp: 252152

Ion Ratio Lower Upper

75 100

77 33.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 120.722 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV026001.D

Acq: 06 Jun 2022 14:55

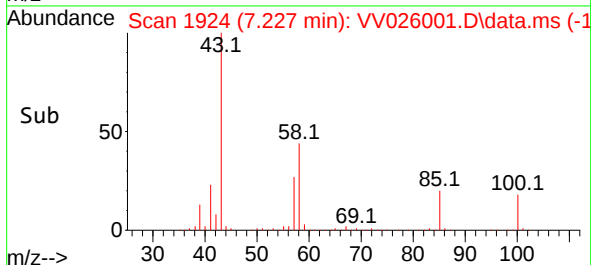
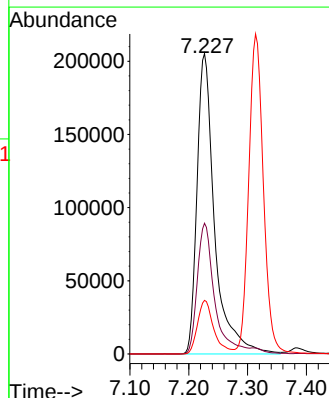
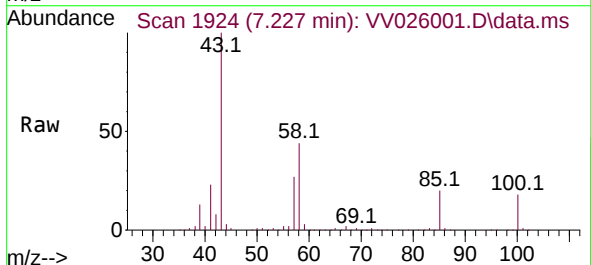
Tgt Ion: 43 Resp: 426615

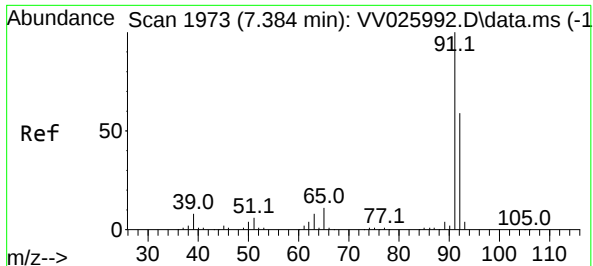
Ion Ratio Lower Upper

43 100

58 42.7 32.9 49.3

100 16.5 13.7 20.5





#42

Toluene

Concen: 56.591 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV026001.D

Acq: 06 Jun 2022 14:55

Instrument :

MSVOA_V

ClientSampleId :

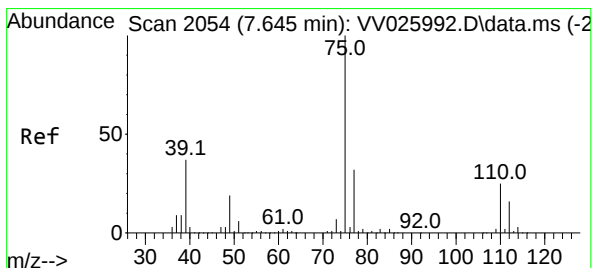
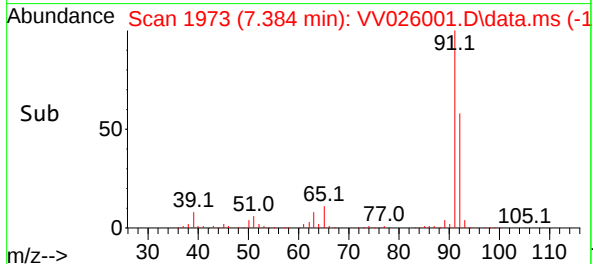
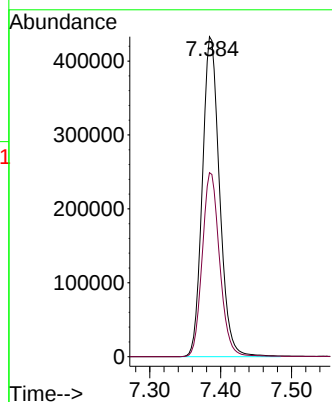
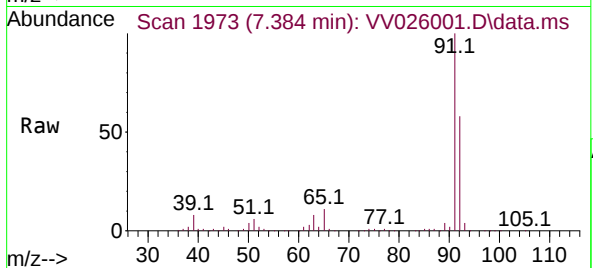
VSTD050300

Tgt Ion: 91 Resp: 730624

Ion Ratio Lower Upper

91 100

92 57.5 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 58.313 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.003 min

Lab File: VV026001.D

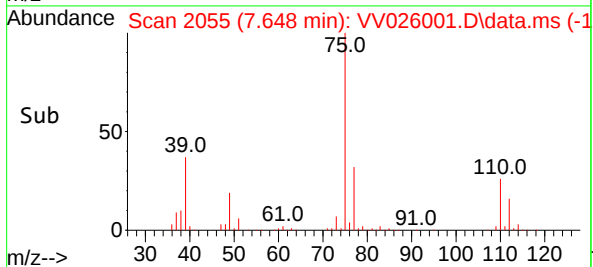
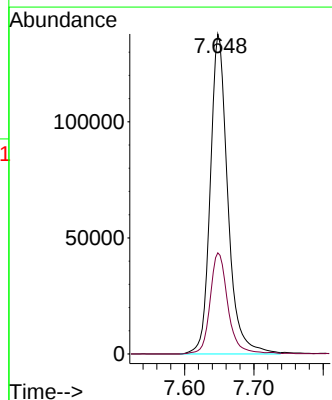
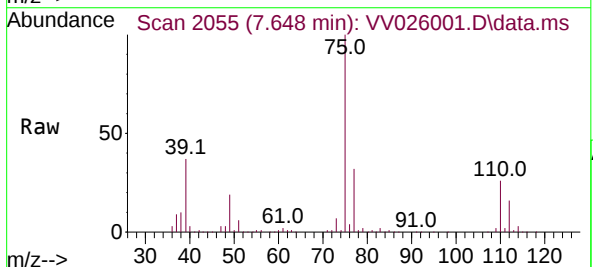
Acq: 06 Jun 2022 14:55

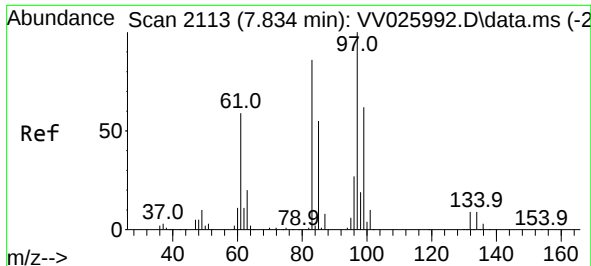
Tgt Ion: 75 Resp: 241862

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 57.329 ug/L

RT: 7.838 min Scan# 2113

Delta R.T. 0.003 min

Lab File: VV026001.D

Acq: 06 Jun 2022 14:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD050300

Tgt Ion: 97 Resp: 176104

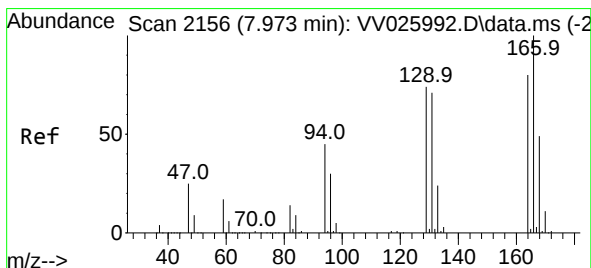
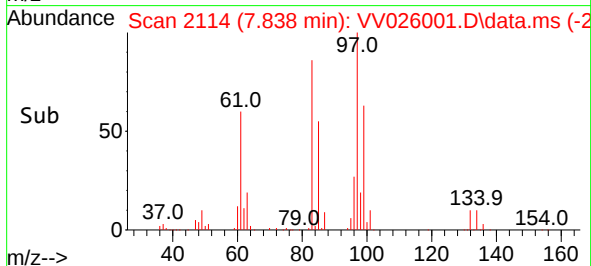
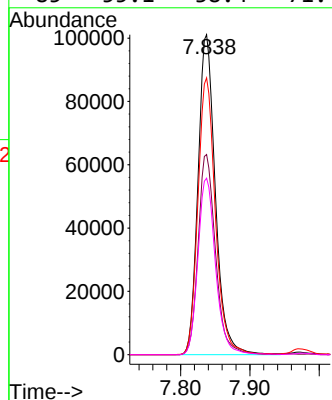
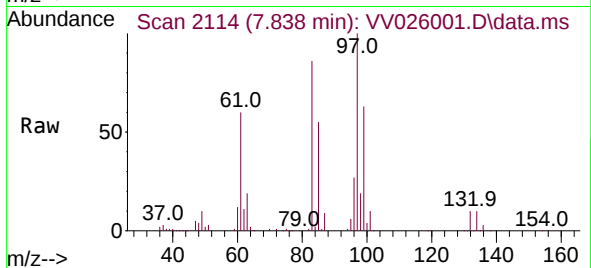
Ion Ratio Lower Upper

97 100

99 62.6 42.6 79.0

83 86.5 59.7 110.9

85 55.1 38.4 71.4



#46

Tetrachloroethene

Concen: 56.555 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV026001.D

Acq: 06 Jun 2022 14:55

Tgt Ion: 164 Resp: 131319

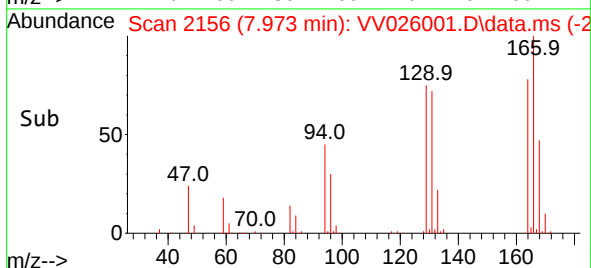
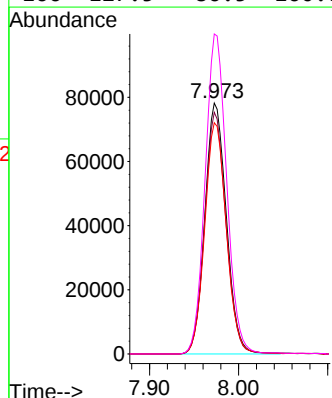
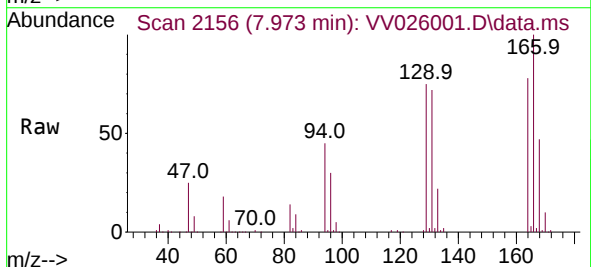
Ion Ratio Lower Upper

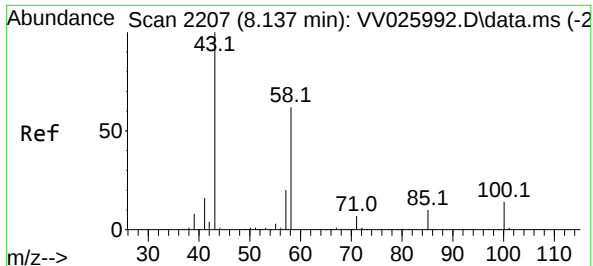
164 100

129 96.3 66.8 124.2

131 92.2 66.7 123.9

166 127.5 86.5 160.7

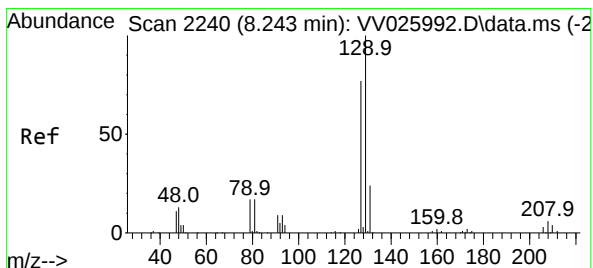
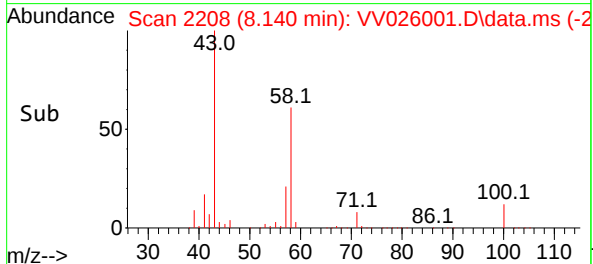
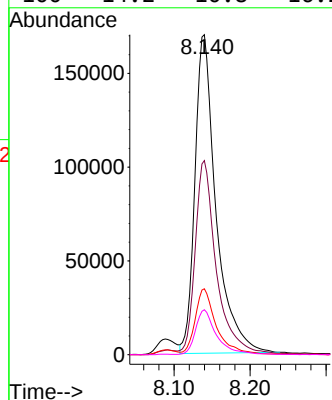
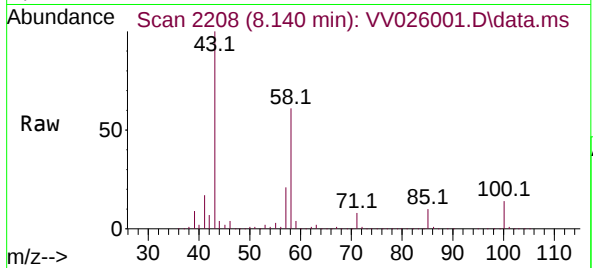




#48
2-Hexanone
Concen: 119.446 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

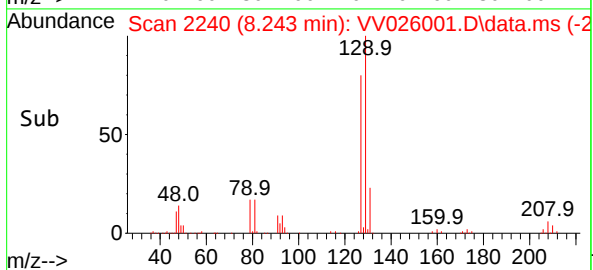
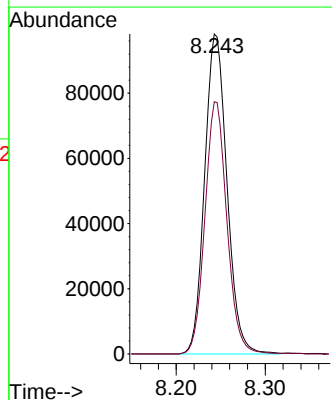
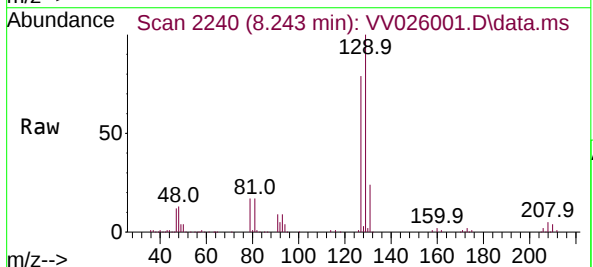
Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

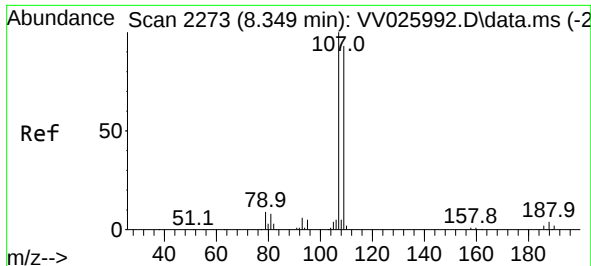
Tgt Ion: 43 Resp: 328429
Ion Ratio Lower Upper
43 100
58 60.6 45.9 68.9
57 20.3 15.4 23.2
100 14.2 10.8 16.2



#49
Dibromochloromethane
Concen: 56.360 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

Tgt Ion: 129 Resp: 170770
Ion Ratio Lower Upper
129 100
127 78.8 53.5 99.5

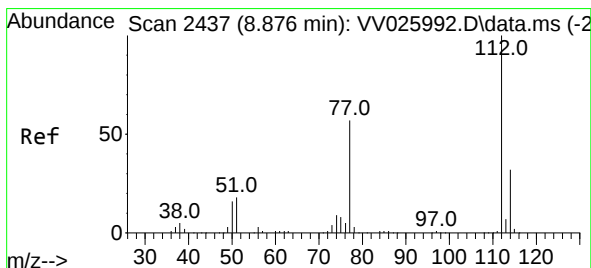
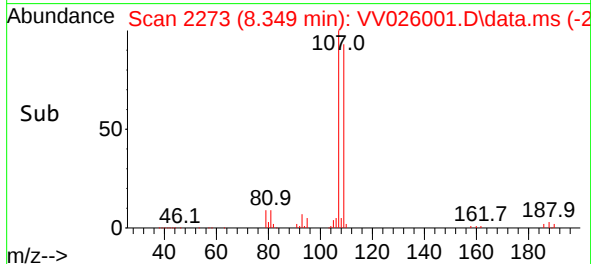
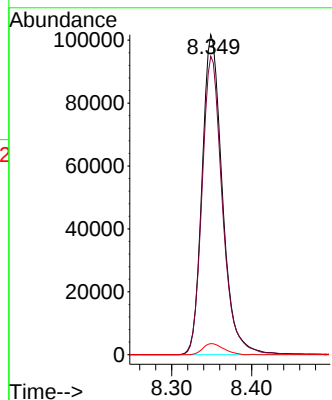
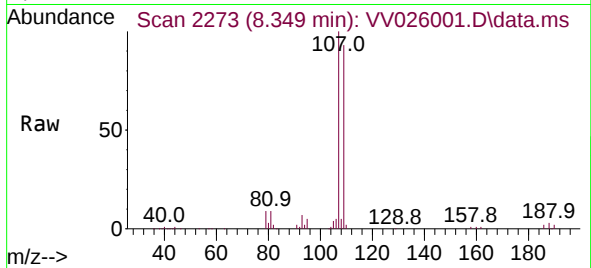




#50
1,2-Dibromoethane
Concen: 57.396 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

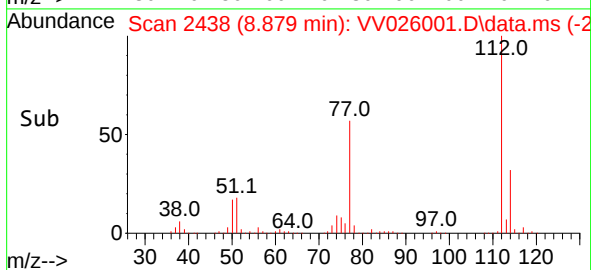
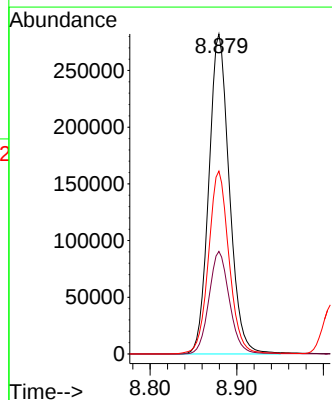
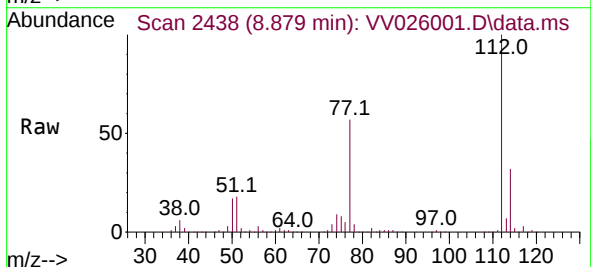
Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

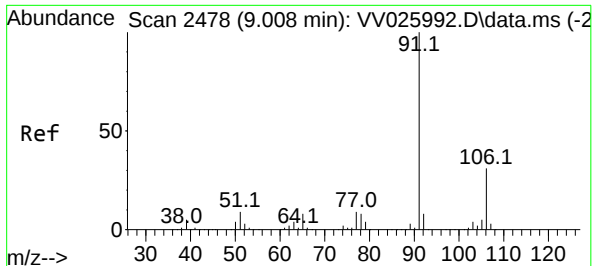
Tgt Ion:107 Resp: 179294
Ion Ratio Lower Upper
107 100
109 93.3 64.1 119.1
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 56.014 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

Tgt Ion:112 Resp: 463082
Ion Ratio Lower Upper
112 100
114 32.0 22.0 40.8
77 57.2 45.3 67.9

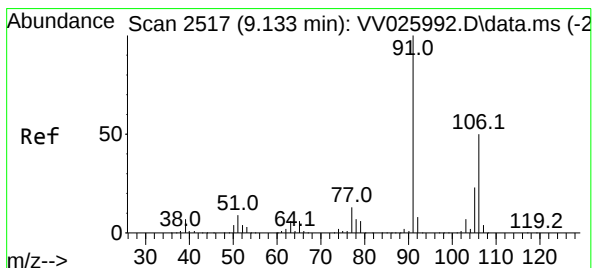
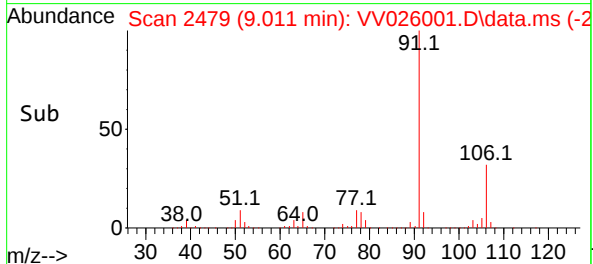
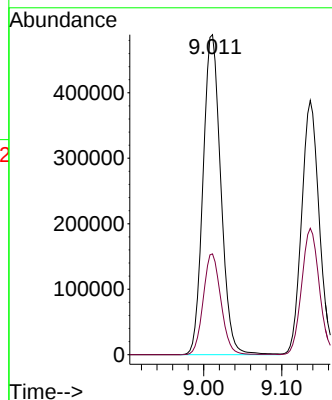
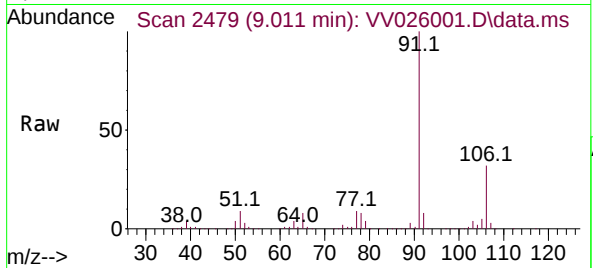




#52
Ethylbenzene
Concen: 58.136 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

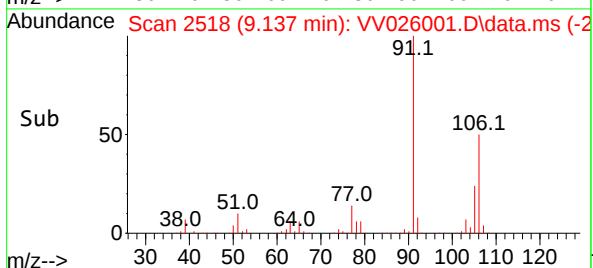
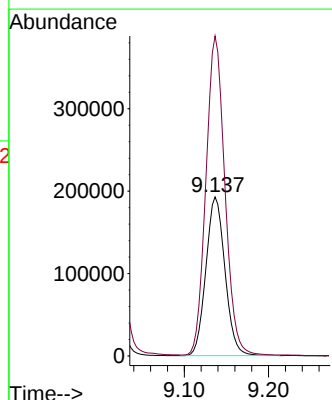
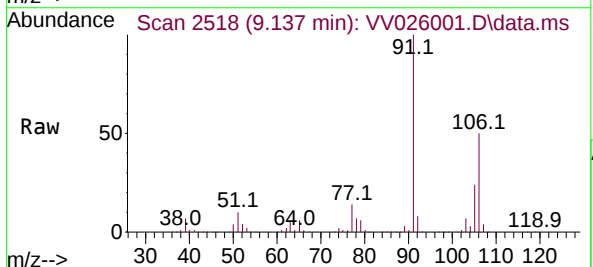
Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

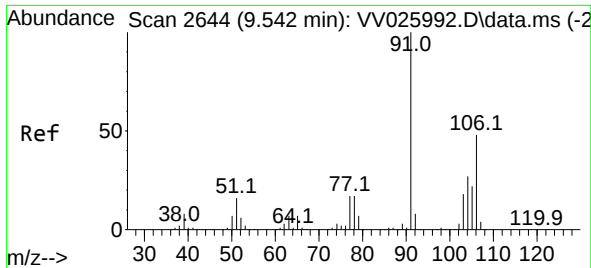
Tgt Ion: 91 Resp: 774351
Ion Ratio Lower Upper
91 100
106 31.5 21.8 40.6



#53
m,p-Xylene
Concen: 58.879 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

Tgt Ion: 106 Resp: 304194
Ion Ratio Lower Upper
106 100
91 201.2 142.0 263.6

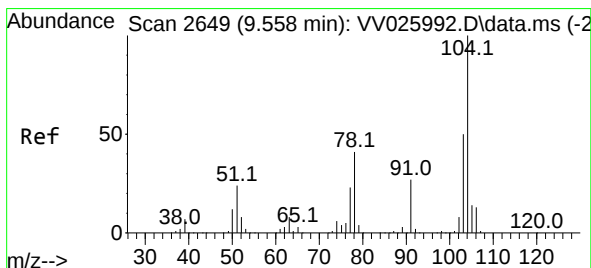
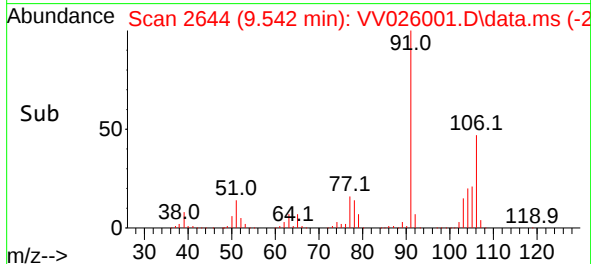
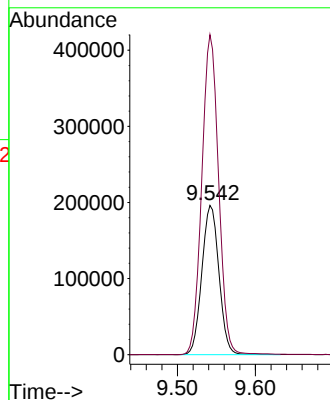
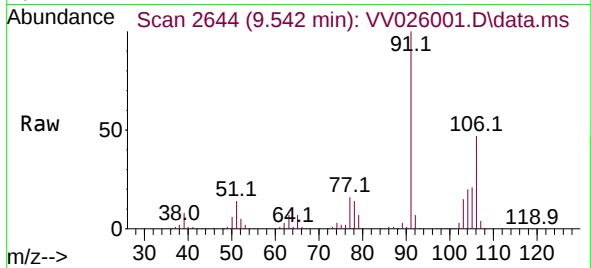




#54
o-Xylene
Concen: 58.880 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

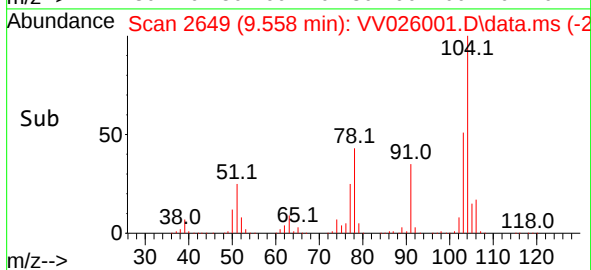
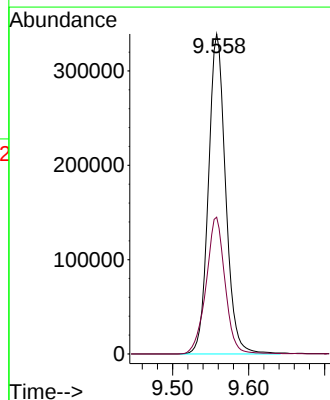
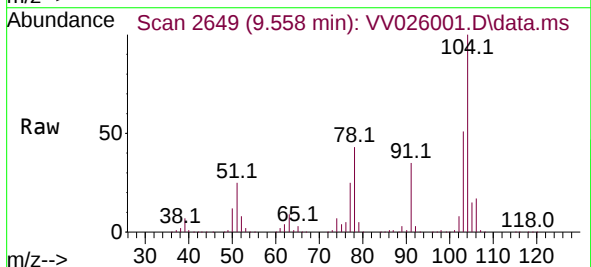
Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

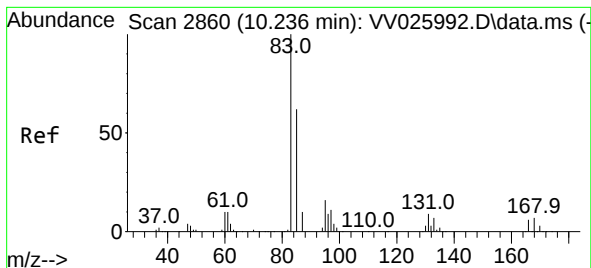
Tgt Ion:106 Resp: 298821
Ion Ratio Lower Upper
106 100
91 214.4 147.4 273.8



#55
Styrene
Concen: 60.271 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

Tgt Ion:104 Resp: 532976
Ion Ratio Lower Upper
104 100
78 42.8 29.8 55.3

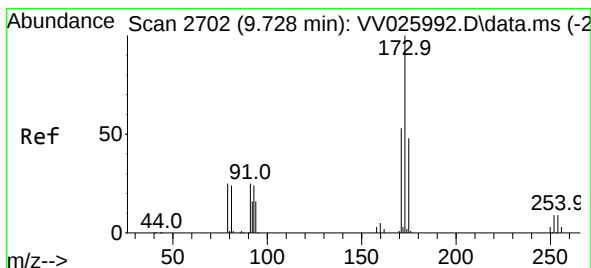
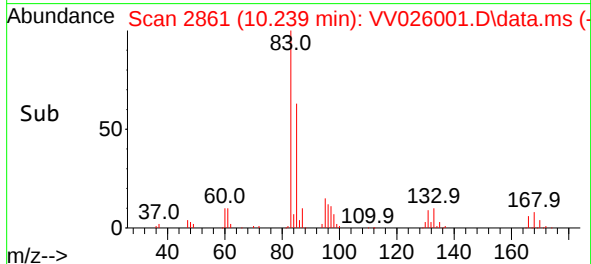
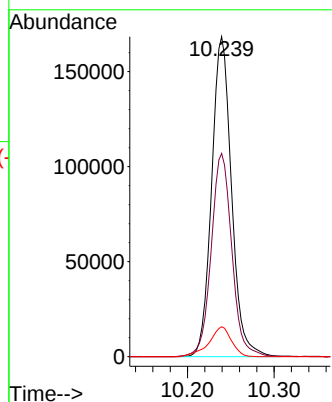
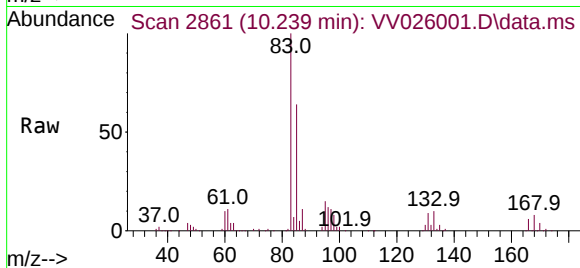




#57
 1,1,2,2-Tetrachloroethane
 Concen: 58.626 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.003 min
 Lab File: VV026001.D
 Acq: 06 Jun 2022 14:55

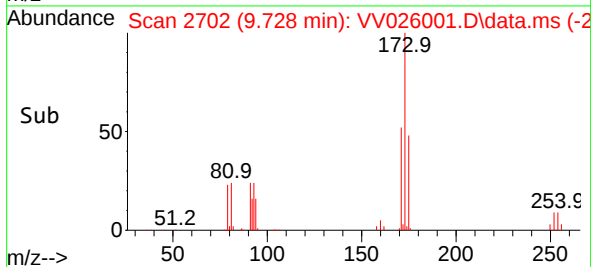
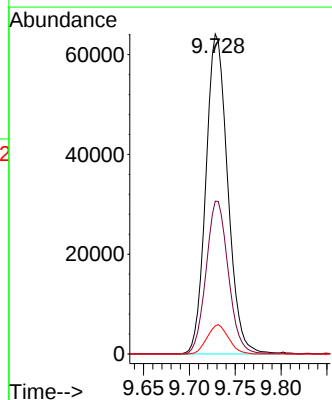
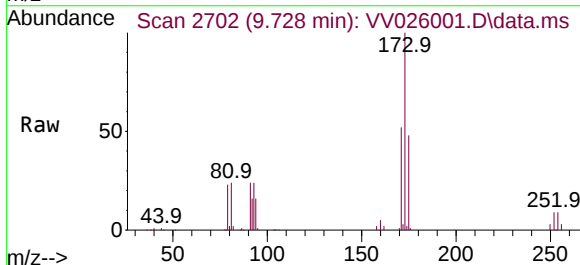
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050300

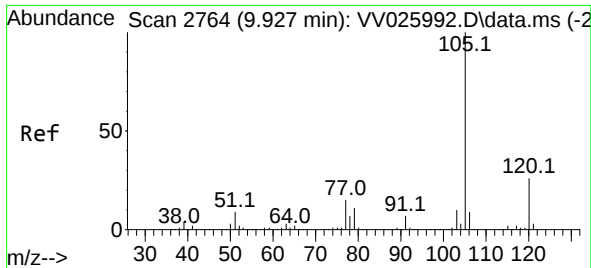
Tgt Ion: 83 Resp: 268698
 Ion Ratio Lower Upper
 83 100
 85 63.5 44.7 82.9
 131 9.4 7.5 11.3



#59
 Bromoform
 Concen: 53.000 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.000 min
 Lab File: VV026001.D
 Acq: 06 Jun 2022 14:55

Tgt Ion: 173 Resp: 106202
 Ion Ratio Lower Upper
 173 100
 175 48.5 38.1 57.1
 254 8.9 7.0 10.6

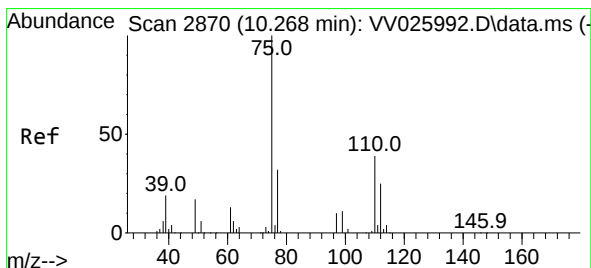
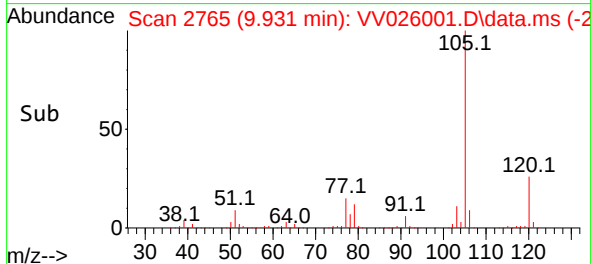
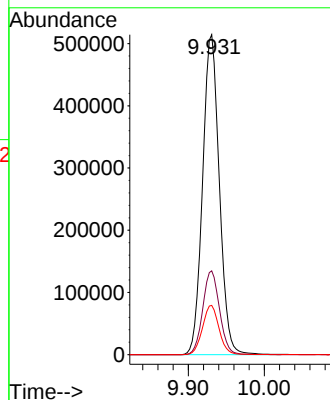
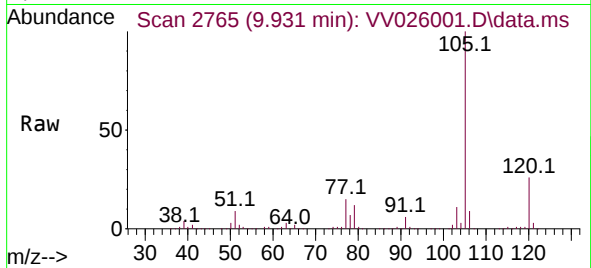




#60
Isopropylbenzene
Concen: 56.531 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

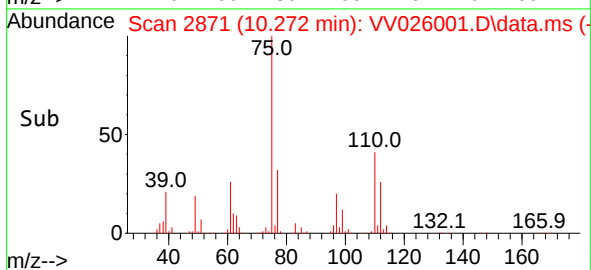
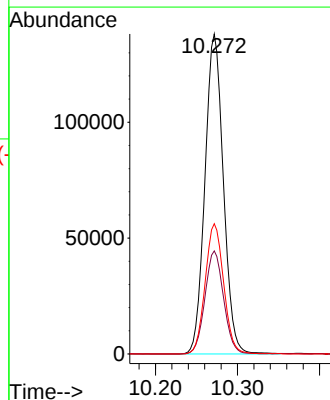
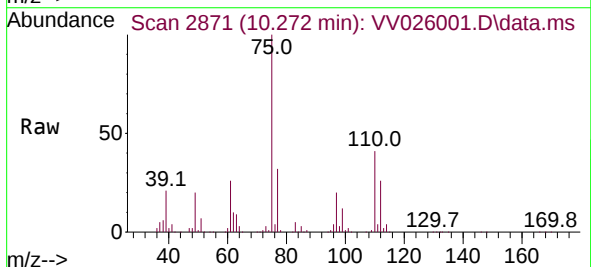
Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

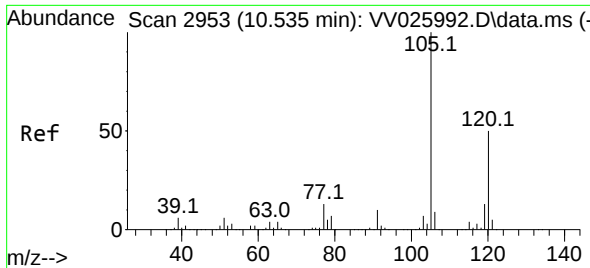
Tgt Ion:105 Resp: 786574
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 15.3 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 52.426 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

Tgt Ion: 75 Resp: 215554
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9
110 40.8 32.3 48.5

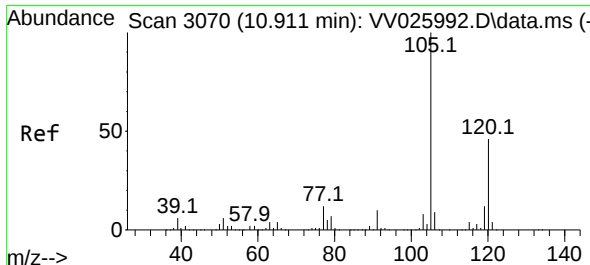
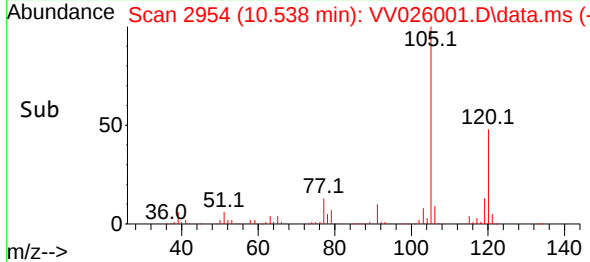
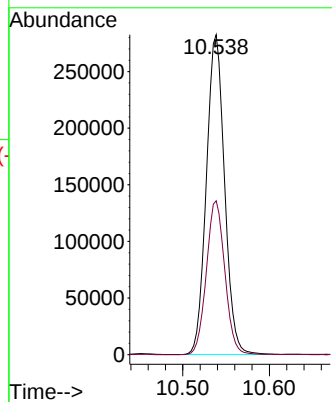
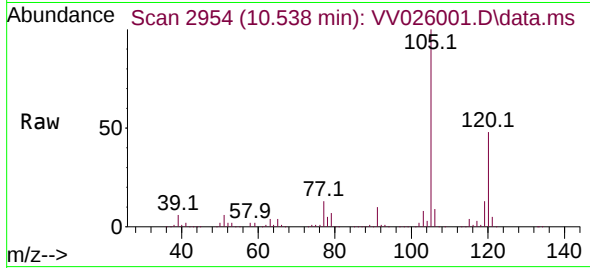




#62
 1,3,5-Trimethylbenzene
 Concen: 57.496 ug/L
 RT: 10.538 min Scan# 2953
 Delta R.T. 0.003 min
 Lab File: VV026001.D
 Acq: 06 Jun 2022 14:55

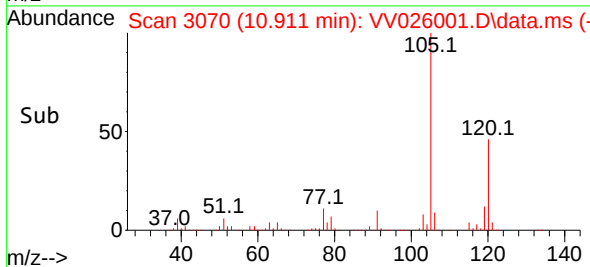
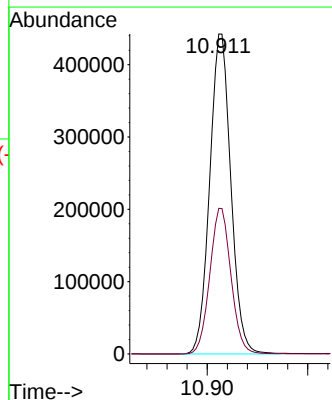
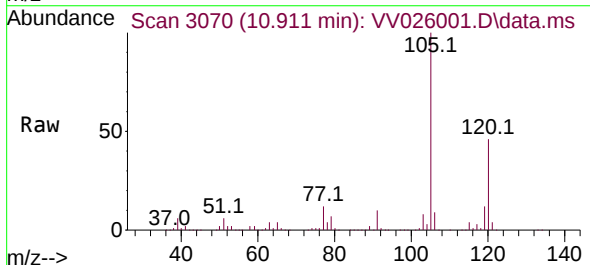
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050300

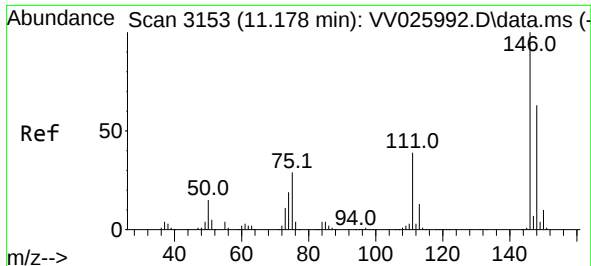
Tgt Ion:105 Resp: 412363
 Ion Ratio Lower Upper
 105 100
 120 48.8 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 58.056 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV026001.D
 Acq: 06 Jun 2022 14:55

Tgt Ion:105 Resp: 646033
 Ion Ratio Lower Upper
 105 100
 120 45.6 36.6 55.0

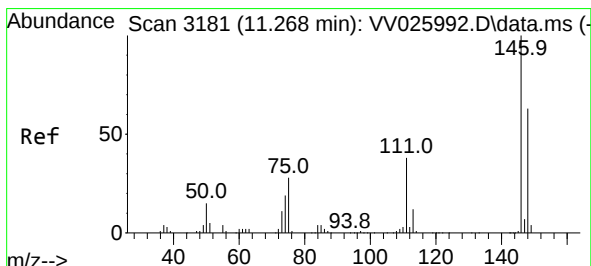
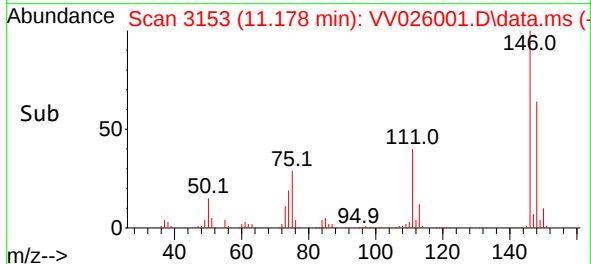
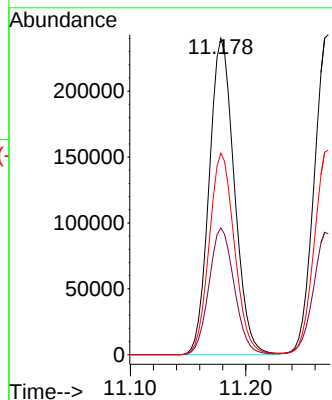
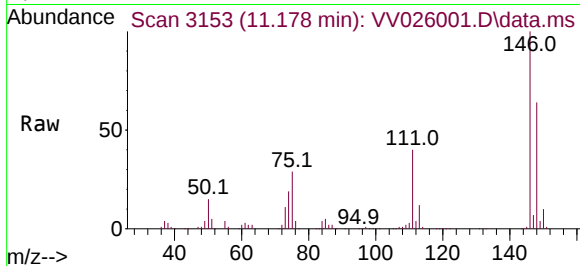




#64
1,3-Dichlorobenzene
Concen: 55.180 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

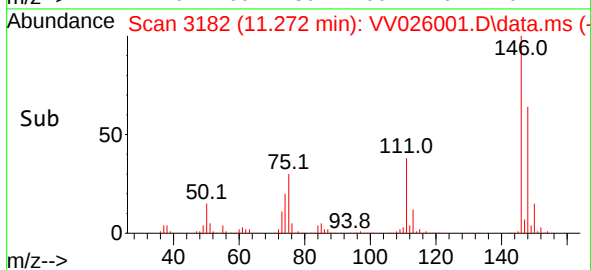
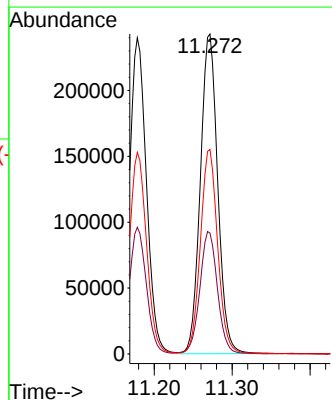
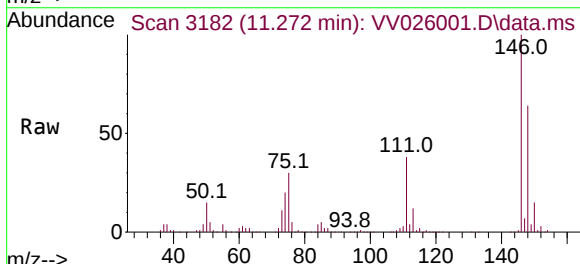
Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

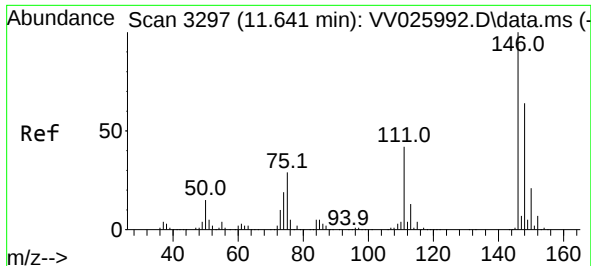
Tgt Ion:146 Resp: 363427
Ion Ratio Lower Upper
146 100
111 40.1 28.1 52.1
148 63.8 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 54.418 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV026001.D
Acq: 06 Jun 2022 14:55

Tgt Ion:146 Resp: 375605
Ion Ratio Lower Upper
146 100
111 37.8 26.7 49.7
148 63.9 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 54.823 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026001.D

Acq: 06 Jun 2022 14:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD050300

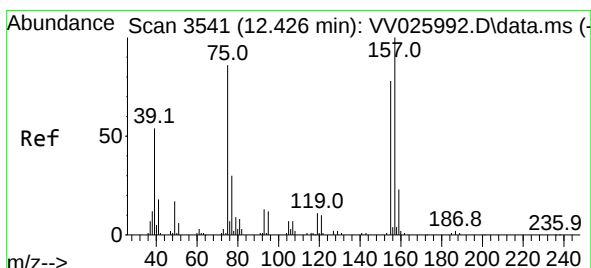
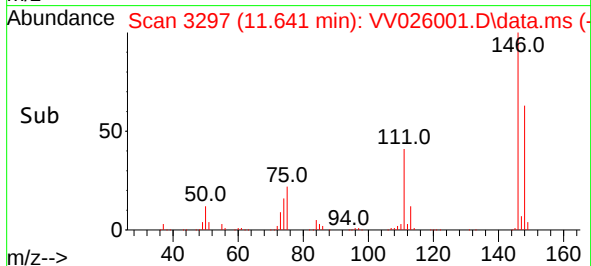
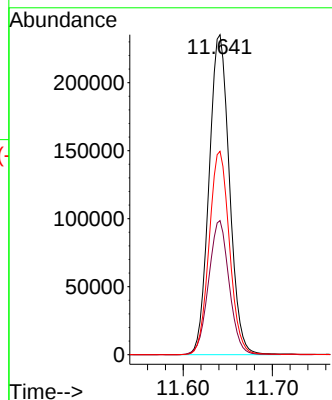
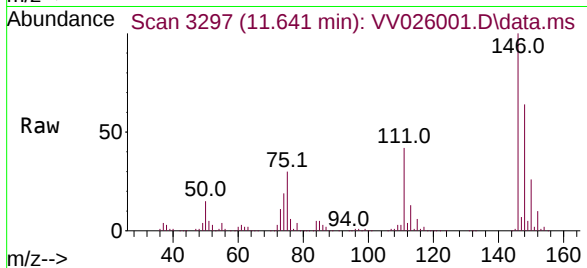
Tgt Ion:146 Resp: 373476

Ion Ratio Lower Upper

146 100

111 41.9 33.7 50.5

148 63.6 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 53.022 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV026001.D

Acq: 06 Jun 2022 14:55

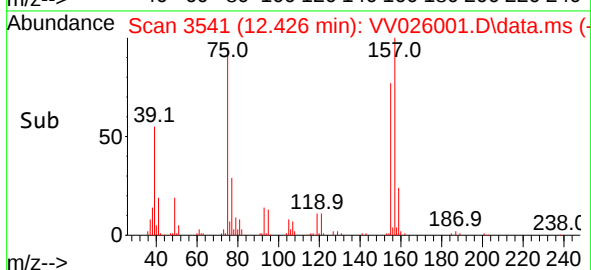
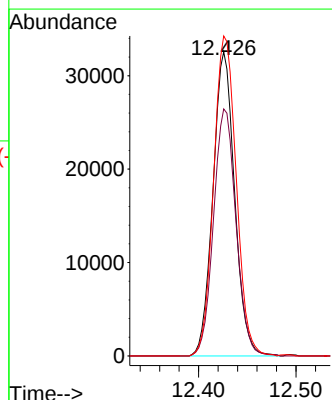
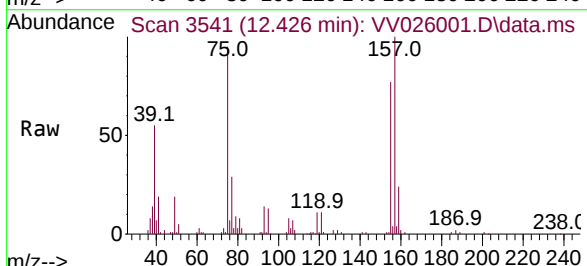
Tgt Ion: 75 Resp: 50331

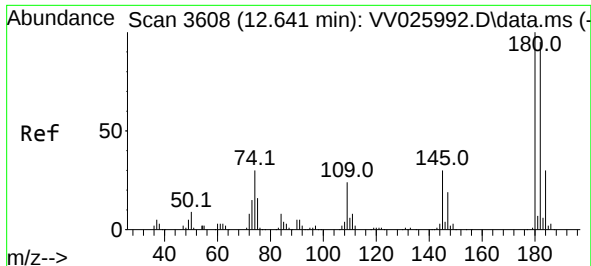
Ion Ratio Lower Upper

75 100

155 81.2 66.8 100.2

157 105.2 82.5 123.7

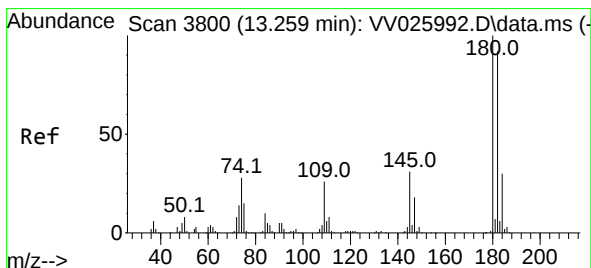
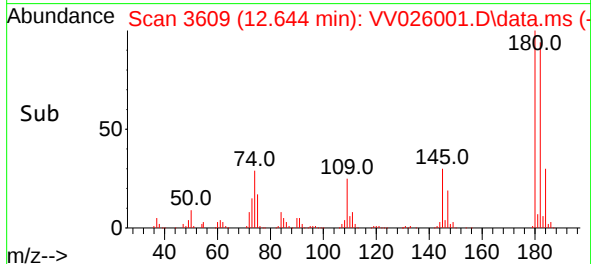
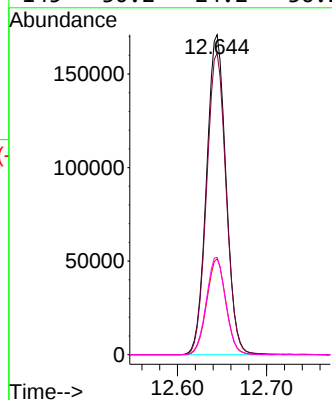
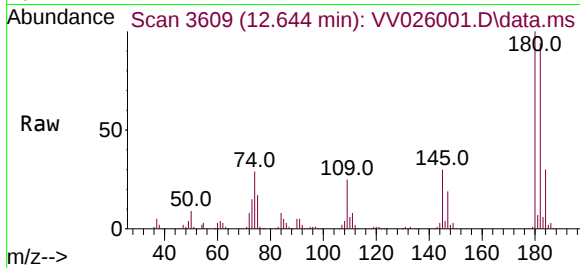




#69
 1,3,5-Trichlorobenzene
 Concen: 57.062 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV026001.D
 Acq: 06 Jun 2022 14:55

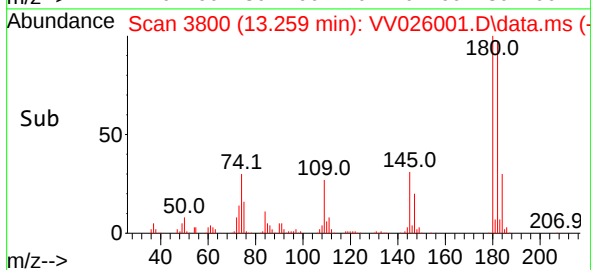
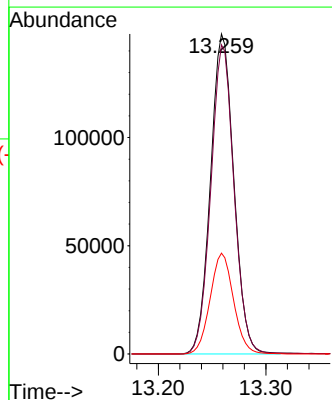
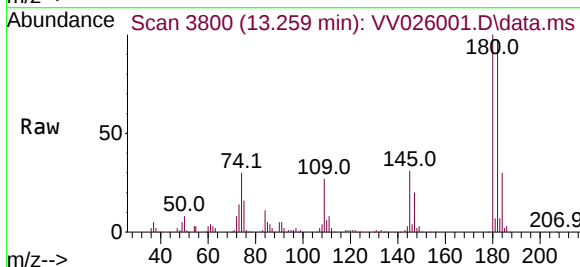
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050300

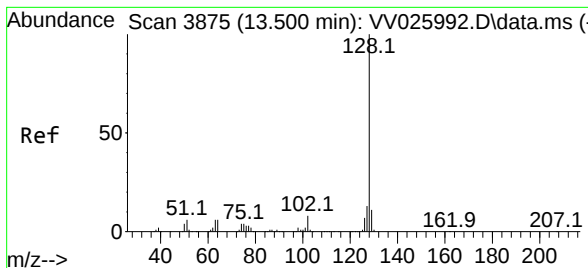
Tgt Ion:180	Resp:	259495
Ion Ratio	Lower	Upper
180	100	
182	94.4	75.1 112.7
184	29.6	23.6 35.4
145	30.2	24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 57.501 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026001.D
 Acq: 06 Jun 2022 14:55

Tgt Ion:180	Resp:	222669
Ion Ratio	Lower	Upper
180	100	
182	95.8	74.8 112.2
145	31.6	24.8 37.2





#71

Naphthalene

Concen: 60.903 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV026001.D

Acq: 06 Jun 2022 14:55

Instrument :

MSVOA_V

ClientSampleId :

VSTD050300

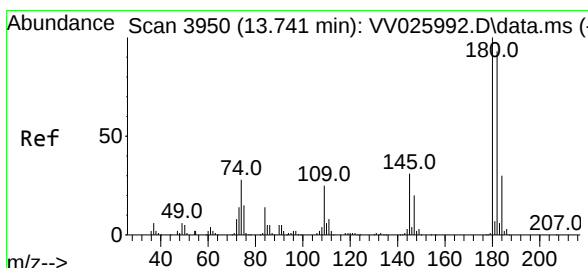
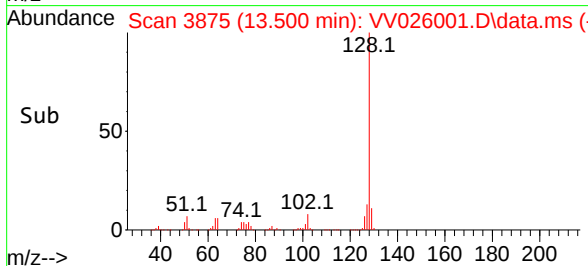
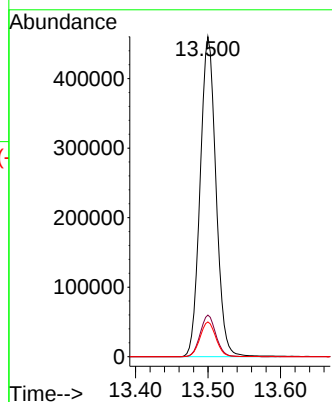
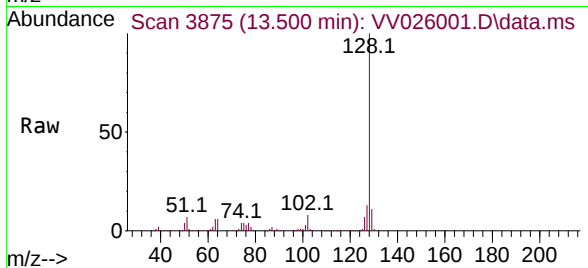
Tgt Ion:128 Resp: 698461

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 59.847 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026001.D

Acq: 06 Jun 2022 14:55

Tgt Ion:180 Resp: 236168

Ion Ratio Lower Upper

180 100

182 94.3 75.8 113.8

145 32.3 26.3 39.5

