

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062922\
 Data File : VW026593.D
 Acq On : 29 Jun 2022 11:50
 Operator : SY/MD
 Sample : VSTD05027
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050227

Quant Time: Jun 29 12:23:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 29 12:21:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	305078	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	303337	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	167583	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	199898	50.021	ug/L	0.00
7) Chloroethane-d5	1.581	69	170364	48.970	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.121	63	328535	47.485	ug/L	0.00
21) 2-Butanone-d5	3.918	46	168954	99.152	ug/L	0.00
24) Chloroform-d	4.359	84	350831	59.755	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	204710	58.343	ug/L	0.00
32) Benzene-d6	5.060	84	725147	63.405	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	217008	62.125	ug/L	0.00
41) Toluene-d8	7.317	98	664961	63.196	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	85942	56.302	ug/L	0.00
47) 2-Hexanone-d5	8.092	63	131213	107.271	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	291454	62.194	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	238302	60.147	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.143	85	88038	30.329	ug/L	98
3) Chloromethane	1.256	50	107374	30.296	ug/L	99
5) Vinyl chloride	1.323	62	114182	31.623	ug/L	95
6) Bromomethane	1.536	94	67512	30.974	ug/L	98
8) Chloroethane	1.600	64	76019	28.829	ug/L	97
9) Trichlorofluoromethane	1.767	101	157587	30.652	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	92863	33.762	ug/L	98
12) 1,1-Dichloroethene	2.130	96	92753	34.190	ug/L #	74
13) Acetone	2.211	43	71418	66.087	ug/L	65
14) Carbon disulfide	2.307	76	261184	38.325	ug/L	99
15) Methyl Acetate	2.455	43	70424	30.697	ug/L	97
16) Methylene chloride	2.519	84	103491	38.602	ug/L	95
17) trans-1,2-Dichloroethene	2.773	96	90468	38.231	ug/L	95
18) Methyl tert-butyl Ether	2.786	73	238293	35.151	ug/L	97
19) 1,1-Dichloroethane	3.201	63	165452	37.591	ug/L	100
20) cis-1,2-Dichloroethene	3.925	96	95866	37.653	ug/L	91
22) 2-Butanone	4.005	43	83262	58.766	ug/L	99
23) Bromochloromethane	4.262	128	54947	40.518	ug/L	90
25) Chloroform	4.384	83	178371	38.054	ug/L	100
27) 1,2-Dichloroethane	5.140	62	120860	34.735	ug/L	96
29) Cyclohexane	4.687	56	118683	34.524	ug/L	97
30) 1,1,1-Trichloroethane	4.619	97	149735	37.981	ug/L	98
31) Carbon tetrachloride	4.838	117	127589	38.539	ug/L	99
33) Benzene	5.108	78	392212	40.102	ug/L	100
34) Trichloroethene	5.921	95	91567	36.202	ug/L	96
35) Methylcyclohexane	6.137	83	140740	37.084	ug/L	98
37) 1,2-Dichloropropane	6.178	63	95269	39.126	ug/L	99
38) Bromodichloromethane	6.513	83	120564	36.647	ug/L	97
39) cis-1,3-Dichloropropene	7.031	75	123237	35.645	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	176307	64.061	ug/L	97
42) Toluene	7.391	91	411241	39.349	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	119911	36.052	ug/L	98

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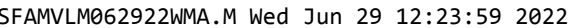
Instrument :
 MSVOA_V
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 VSTD050227

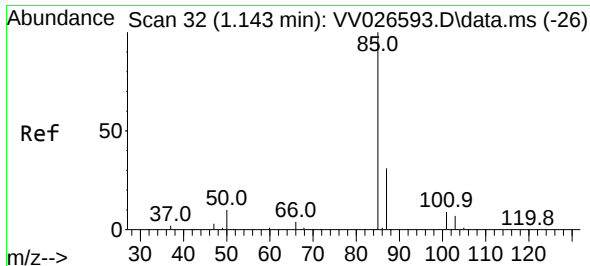
Quant Time: Jun 29 12:23:46 2022
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 Quant Title : VOC Analysis
 QLast Update : Wed Jun 29 12:21:45 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	98023	39.259	ug/L	99
46) Tetrachloroethene	7.976	164	74067	39.146	ug/L	97
48) 2-Hexanone	8.143	43	146119	68.040	ug/L	94
49) Dibromochloromethane	8.249	129	92697	37.666	ug/L	99
50) 1,2-Dibromoethane	8.352	107	96871	38.214	ug/L	96
51) Chlorobenzene	8.883	112	255462	38.134	ug/L	97
52) Ethylbenzene	9.014	91	380022	35.768	ug/L	99
53) m,p-Xylene	9.140	106	155467	37.548	ug/L	96
54) o-Xylene	9.545	106	147838	36.438	ug/L	100
55) Styrene	9.561	104	267616	37.864	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	146369	39.212	ug/L	99
59) Bromoform	9.731	173	51089	33.571	ug/L	99
60) Isopropylbenzene	9.931	105	374111	35.346	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	106768	34.062	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	288328	49.233	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	295402	35.070	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	190836	37.471	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	192495	36.166	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	195125	37.021	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	21124	29.955	ug/L	84
69) 1,3,5-Trichlorobenzene	12.644	180	121032	34.718	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	94934	32.325	ug/L	98
71) Naphthalene	13.500	128	250523	29.469	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	100422	33.548	ug/L	98

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

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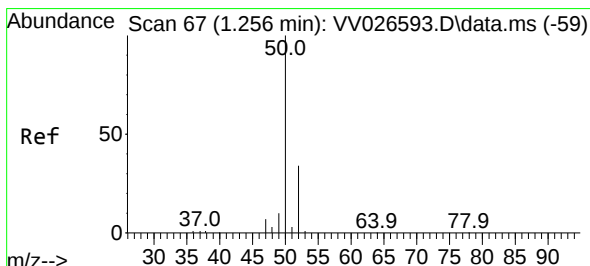
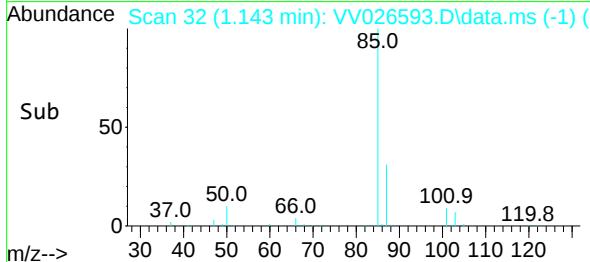
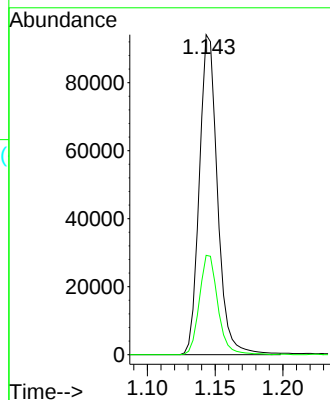
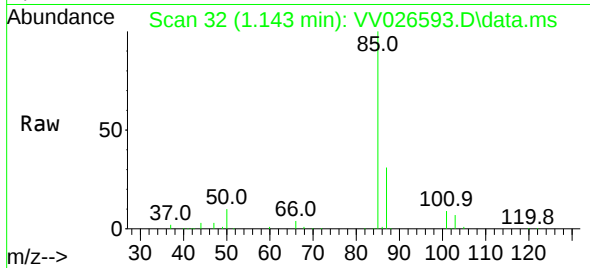




#2
Dichlorodifluoromethane
Concen: 30.329 ug/L
RT: 1.143 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

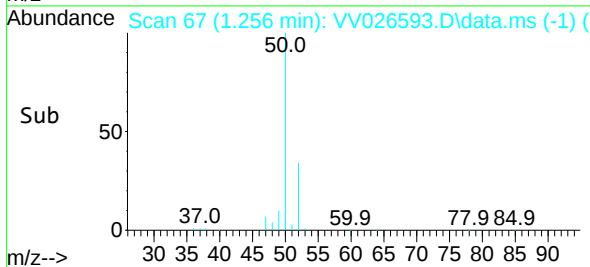
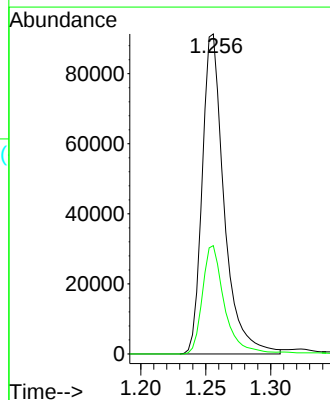
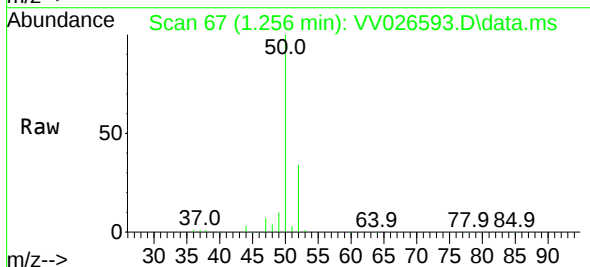
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

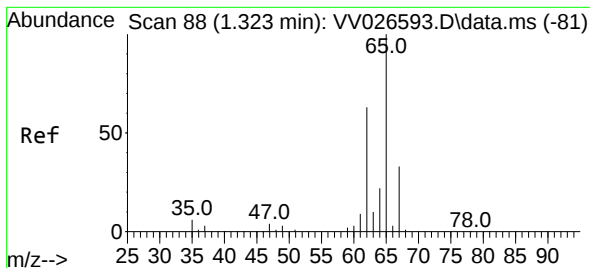
Tgt Ion: 85 Resp: 88038
Ion Ratio Lower Upper
85 100
87 31.6 26.0 39.0



#3
Chloromethane
Concen: 30.296 ug/L
RT: 1.256 min Scan# 67
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

Tgt Ion: 50 Resp: 107374
Ion Ratio Lower Upper
50 100
52 33.9 23.2 43.2





#5

Vinyl chloride

Concen: 31.623 ug/L

RT: 1.323 min Scan# 88

Delta R.T. 0.000 min

Lab File: VV026593.D

Acq: 29 Jun 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

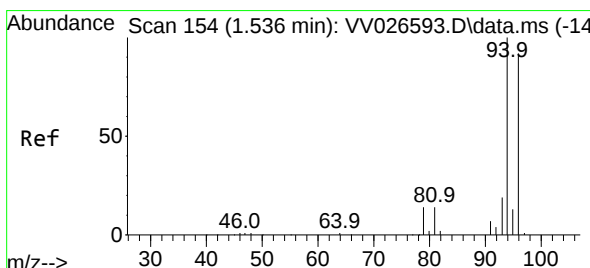
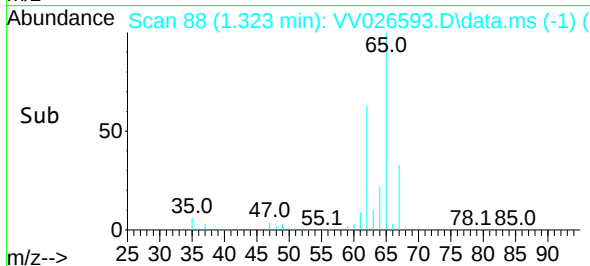
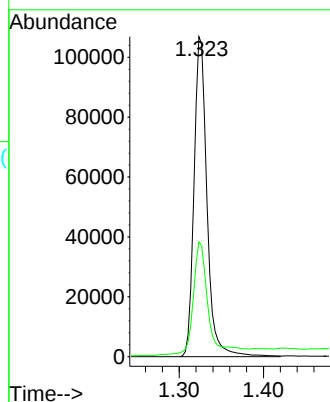
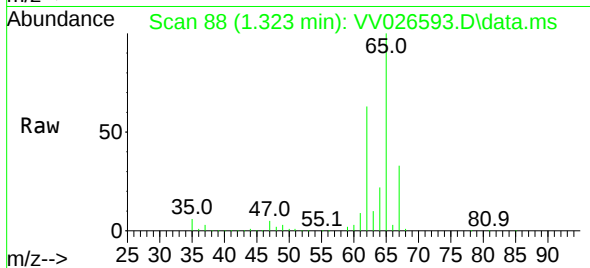
VSTD050227

Tgt Ion: 62 Resp: 114182

Ion Ratio Lower Upper

62 100

64 35.9 23.2 43.0



#6

Bromomethane

Concen: 30.974 ug/L

RT: 1.536 min Scan# 154

Delta R.T. 0.000 min

Lab File: VV026593.D

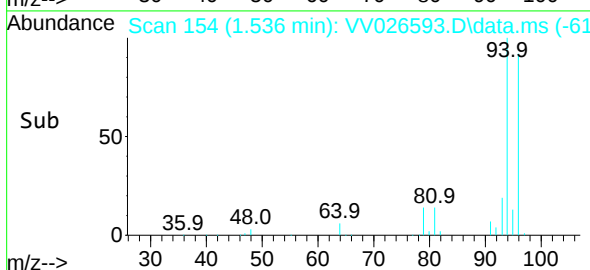
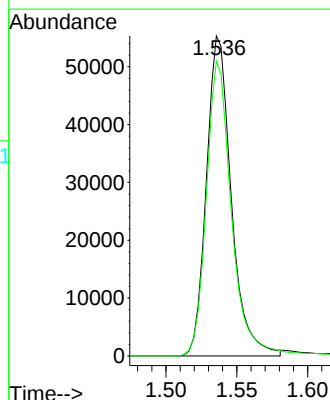
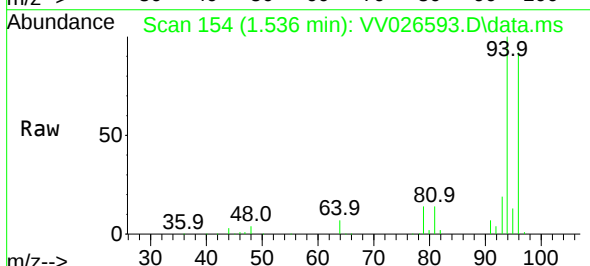
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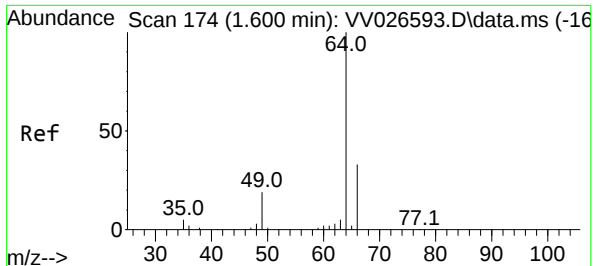
Tgt Ion: 94 Resp: 67512

Ion Ratio Lower Upper

94 100

96 92.1 65.9 122.3

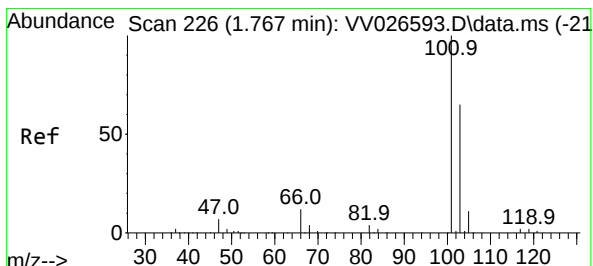
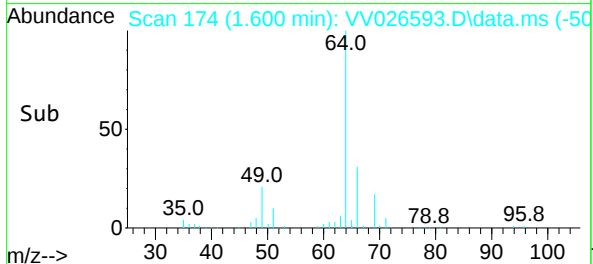
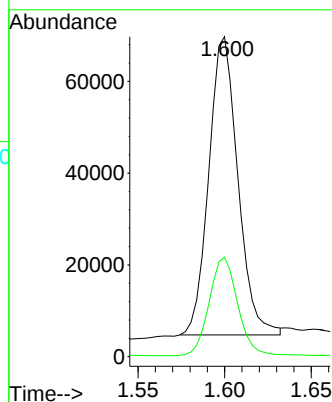
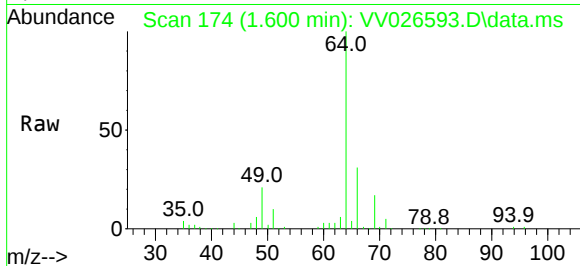




#8
Chloroethane
Concen: 28.829 ug/L
RT: 1.600 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

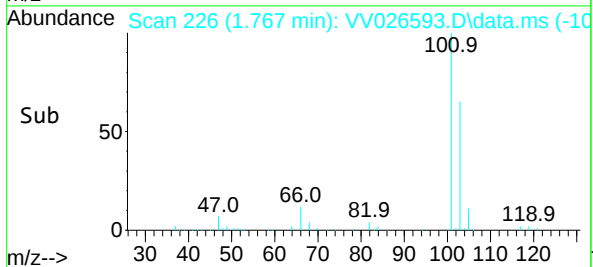
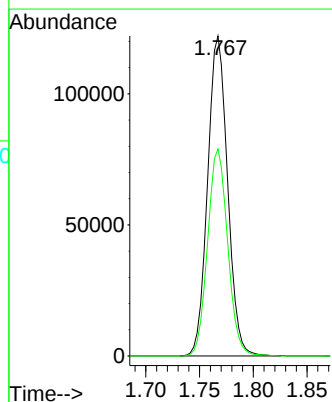
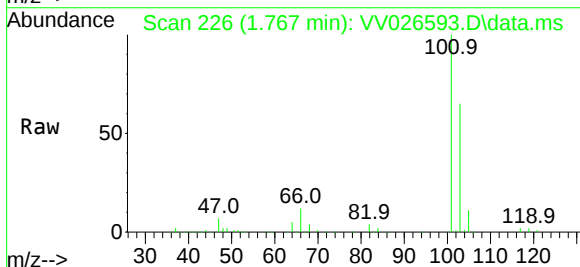
Instrument :
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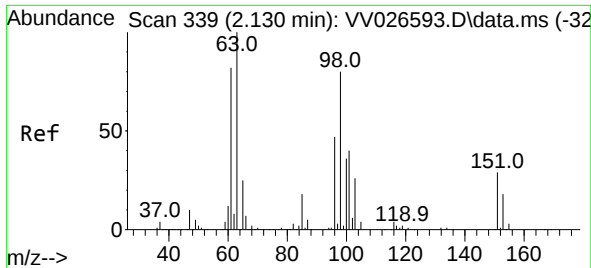
Tgt Ion: 64 Resp: 76019
Ion Ratio Lower Upper
64 100
66 31.1 22.9 42.5



#9
Trichlorofluoromethane
Concen: 30.652 ug/L
RT: 1.767 min Scan# 226
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

Tgt Ion:101 Resp: 157587
Ion Ratio Lower Upper
101 100
103 65.1 51.5 77.3

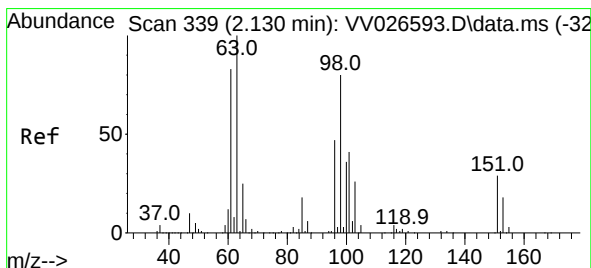
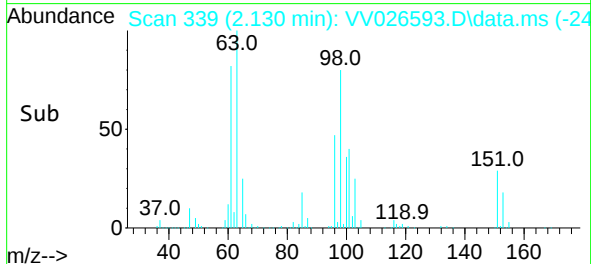
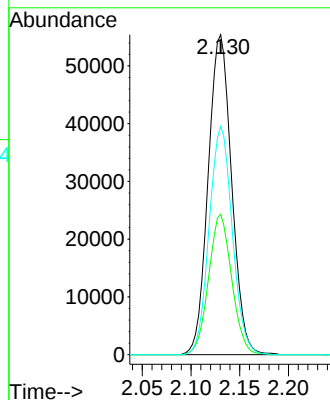
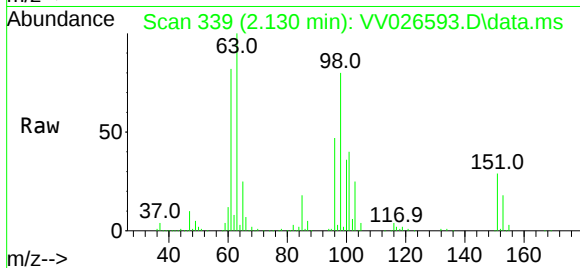




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 33.762 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. 0.000 min
 Lab File: VV026593.D
 Acq: 29 Jun 2022 11:50

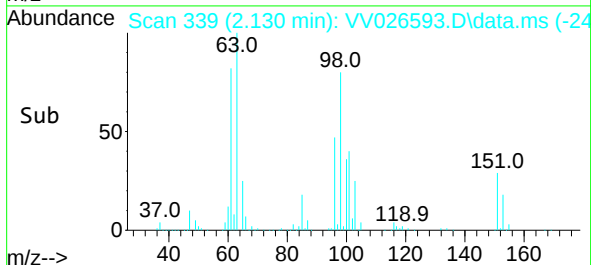
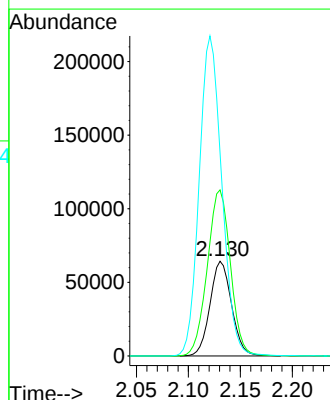
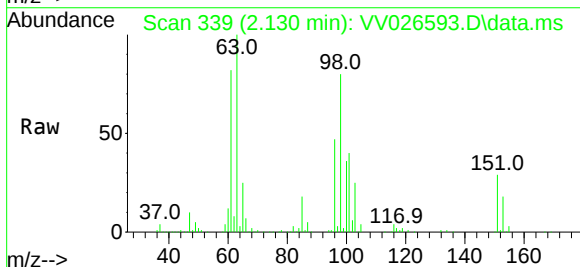
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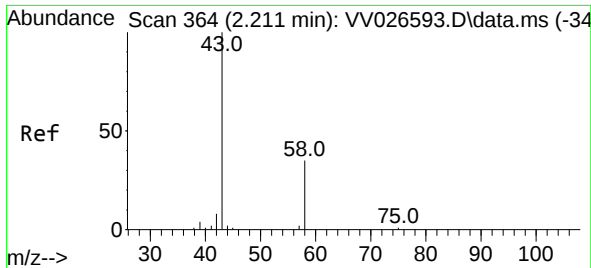
Tgt Ion:101 Resp: 92863
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.6 51.8
 151 70.5 54.3 81.5



#12
 1,1-Dichloroethene
 Concen: 34.190 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. 0.000 min
 Lab File: VV026593.D
 Acq: 29 Jun 2022 11:50

Tgt Ion: 96 Resp: 92753
 Ion Ratio Lower Upper
 96 100
 61 175.2 124.6 231.4
 63 214.5 101.6 188.6#





#13

Acetone

Concen: 66.087 ug/L

RT: 2.211 min Scan# 3

Delta R.T. 0.000 min

Lab File: VV026593.D

Acq: 29 Jun 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

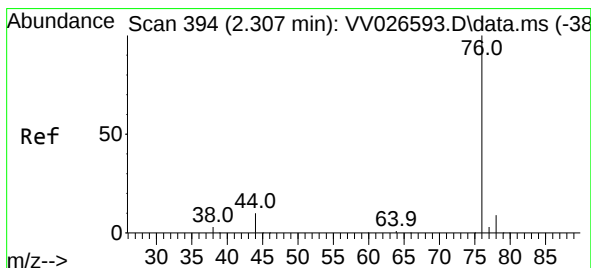
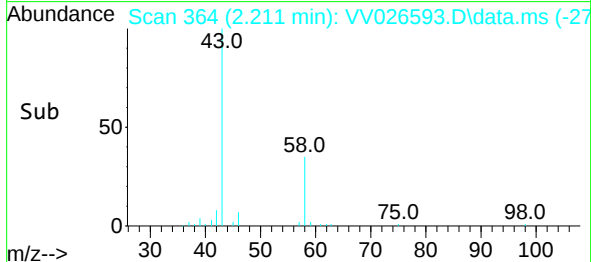
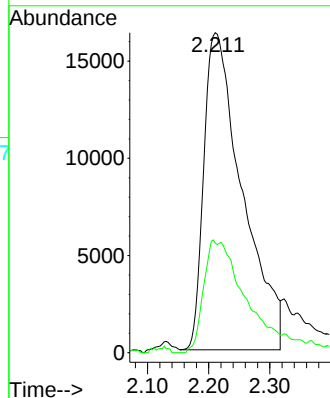
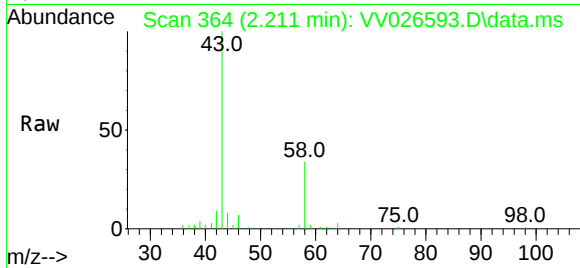
VSTD050227

Tgt Ion: 43 Resp: 71418

Ion Ratio Lower Upper

43 100

58 12.9 0.0 65.0



#14

Carbon disulfide

Concen: 38.325 ug/L

RT: 2.307 min Scan# 394

Delta R.T. 0.000 min

Lab File: VV026593.D

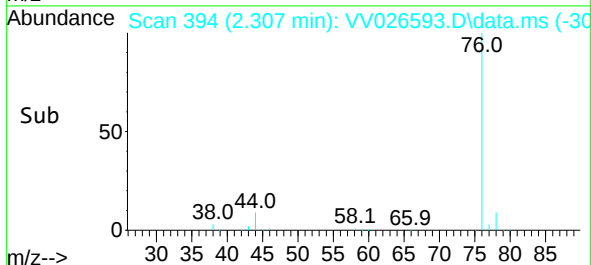
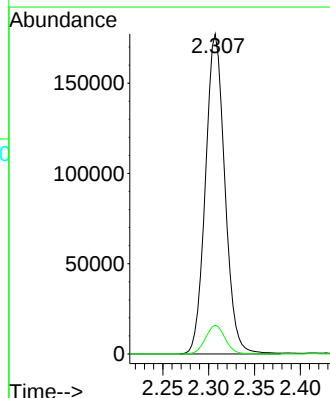
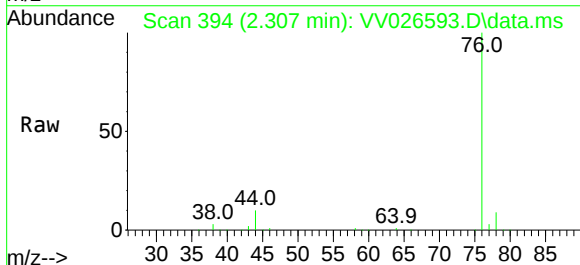
Acq: 29 Jun 2022 11:50

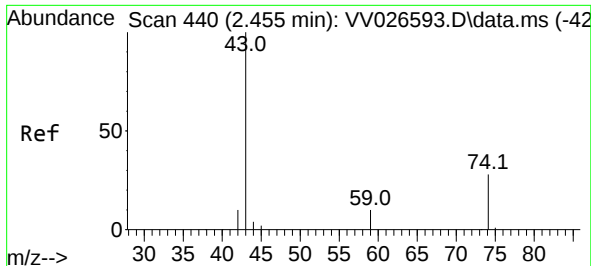
Tgt Ion: 76 Resp: 261184

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

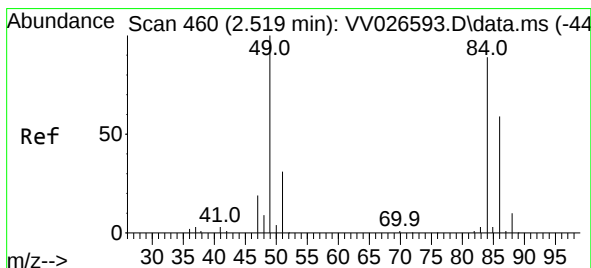
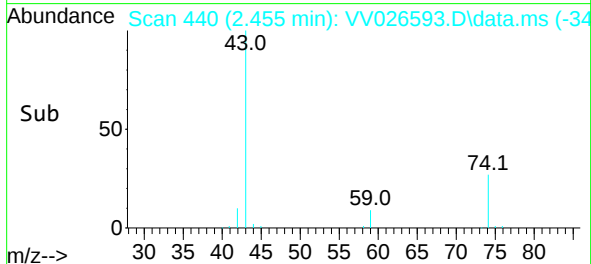
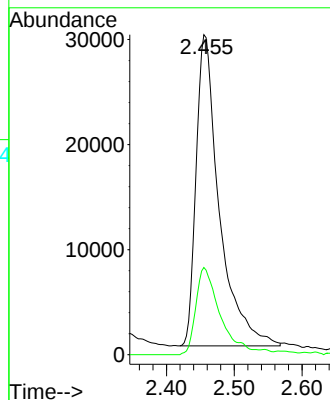
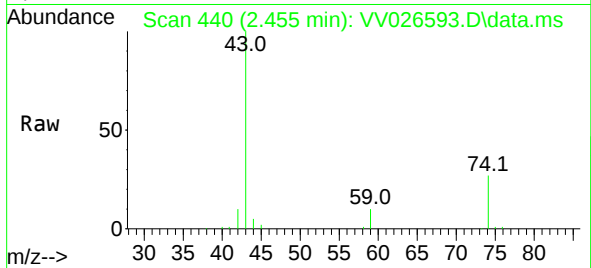




#15
Methyl Acetate
Concen: 30.697 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

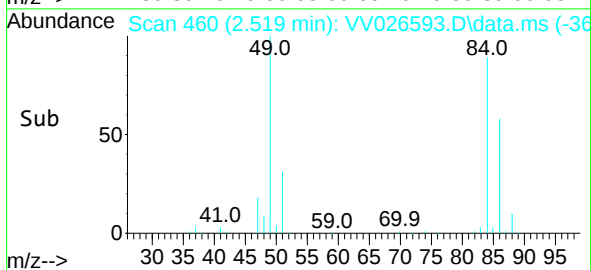
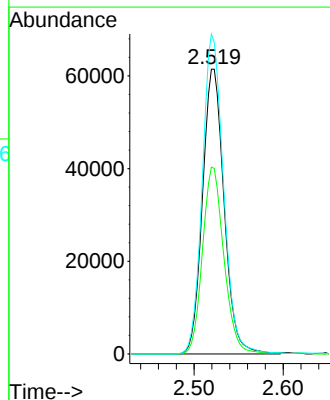
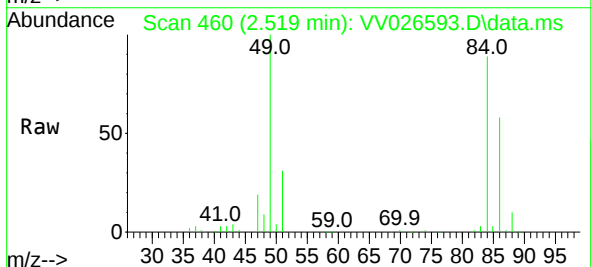
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

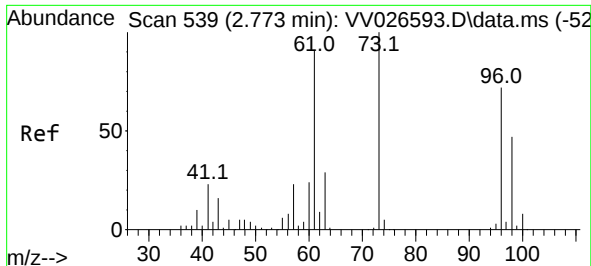
Tgt Ion: 43 Resp: 70424
Ion Ratio Lower Upper
43 100
74 27.4 20.7 31.1



#16
Methylene chloride
Concen: 38.602 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

Tgt Ion: 84 Resp: 103491
Ion Ratio Lower Upper
84 100
86 65.6 44.2 82.0
49 112.4 82.7 153.5



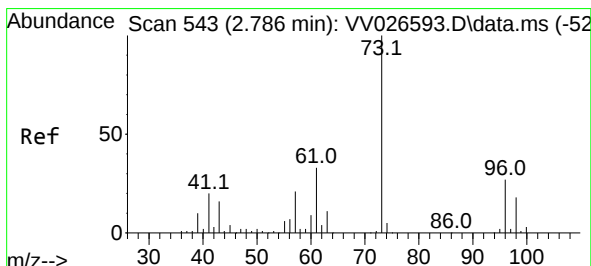
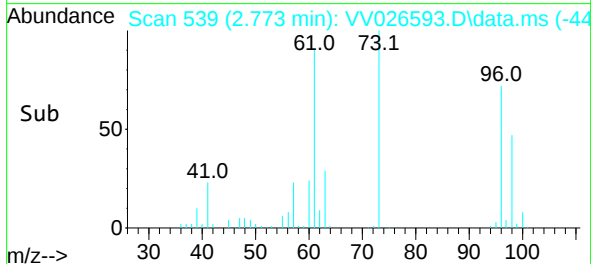
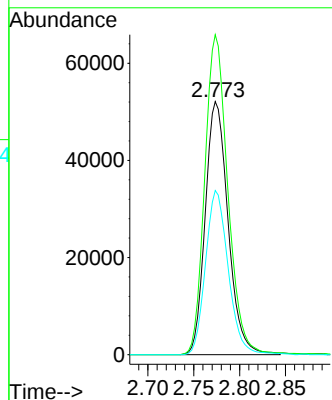
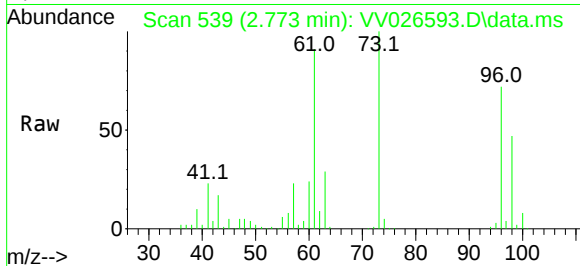


#17
 trans-1,2-Dichloroethene
 Concen: 38.231 ug/L
 RT: 2.773 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VV026593.D
 Acq: 29 Jun 2022 11:50

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050227

Tgt Ion: 96 Resp: 90468

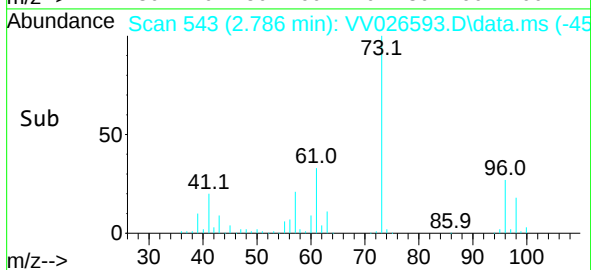
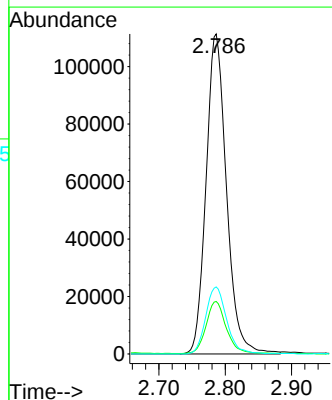
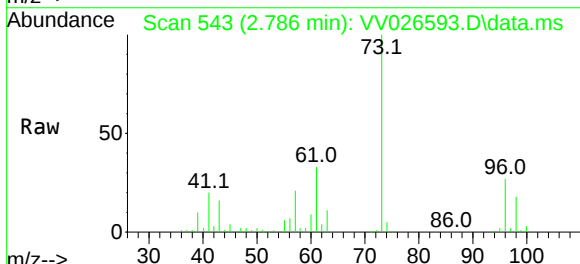
Ion	Ratio	Lower	Upper
96	100		
61	126.4	92.7	172.1
98	64.8	43.1	80.1

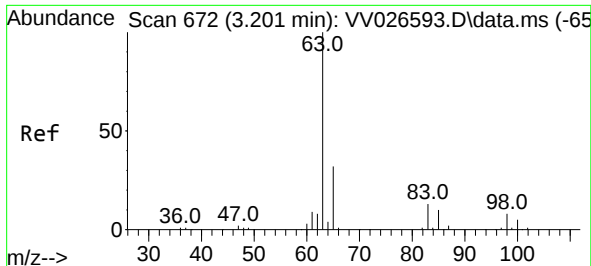


#18
 Methyl tert-butyl Ether
 Concen: 35.151 ug/L
 RT: 2.786 min Scan# 543
 Delta R.T. 0.000 min
 Lab File: VV026593.D
 Acq: 29 Jun 2022 11:50

Tgt Ion: 73 Resp: 238293

Ion	Ratio	Lower	Upper
73	100		
43	15.9	14.6	22.0
57	21.5	17.5	26.3





#19

1,1-Dichloroethane

Concen: 37.591 ug/L

RT: 3.201 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV026593.D

Acq: 29 Jun 2022 11:50

Instrument :

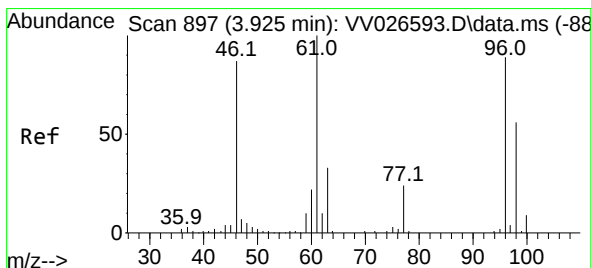
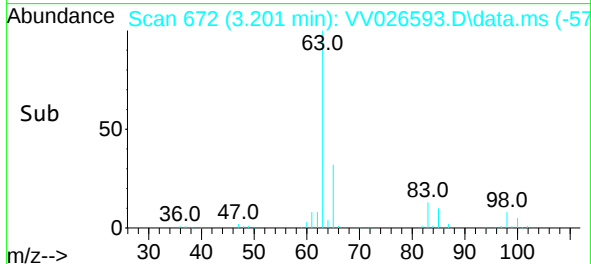
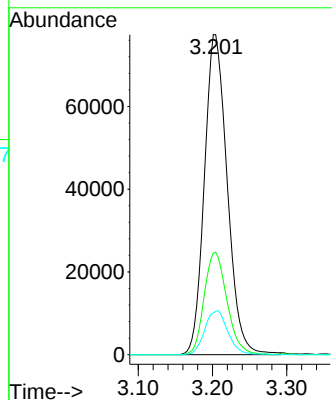
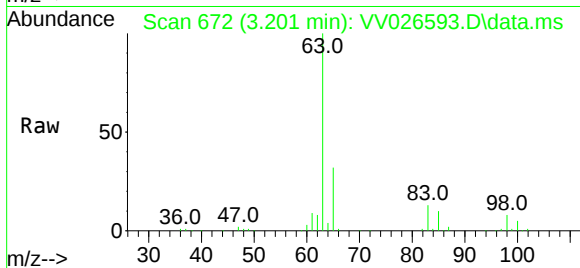
MSVOA_V

ClientSampleId :

VSTD050227

Tgt Ion: 63 Resp: 165452

Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.0	40.8
83	13.1	9.2	17.0



#20

cis-1,2-Dichloroethene

Concen: 37.653 ug/L

RT: 3.925 min Scan# 897

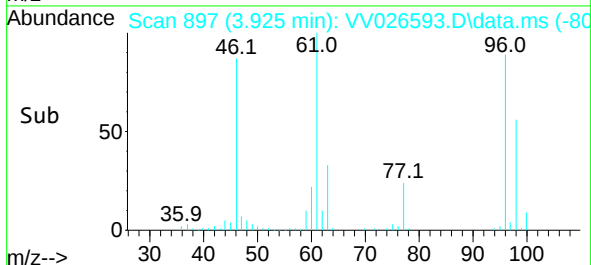
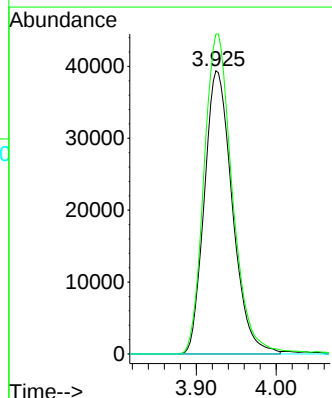
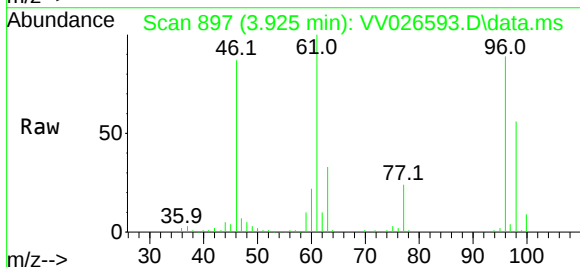
Delta R.T. 0.000 min

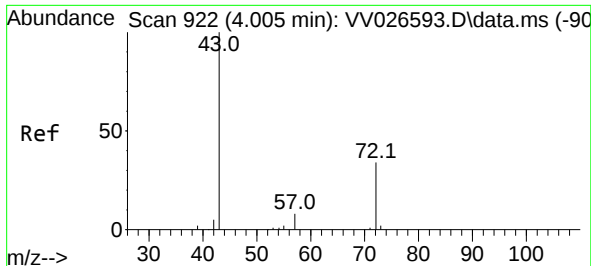
Lab File: VV026593.D

Acq: 29 Jun 2022 11:50

Tgt Ion: 96 Resp: 95866

Ion	Ratio	Lower	Upper
96	100		
61	113.0	86.0	159.6
68	0.0	0.0	0.0

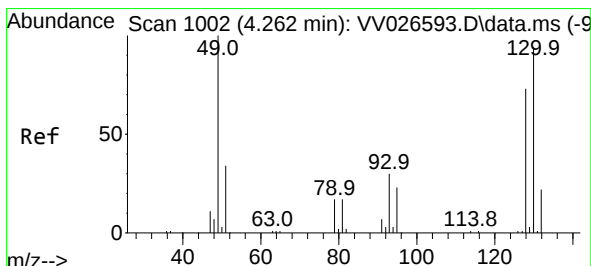
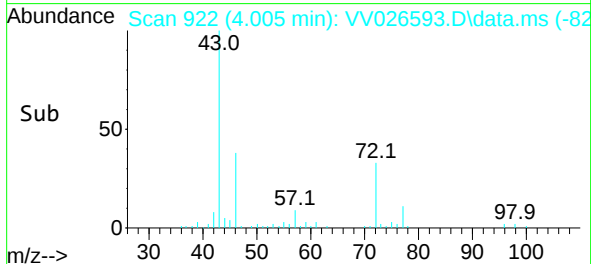
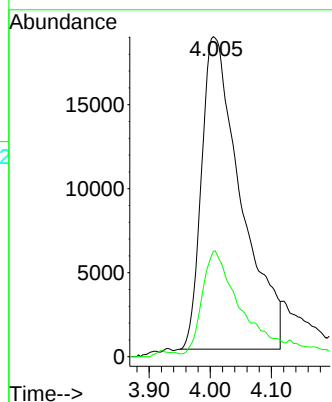
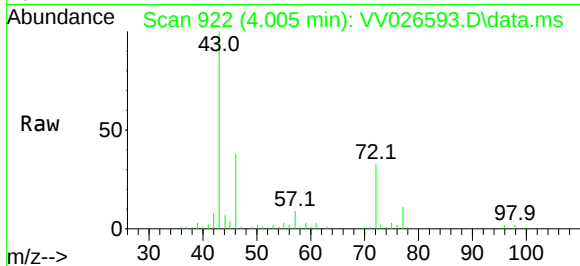




#22
2-Butanone
Concen: 58.766 ug/L
RT: 4.005 min Scan# 91
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

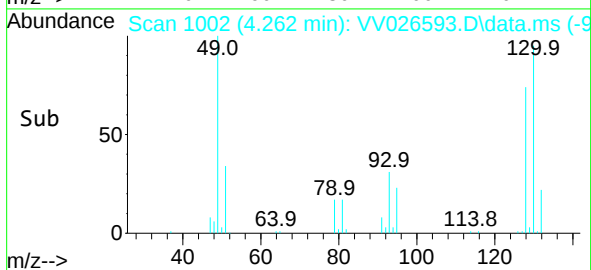
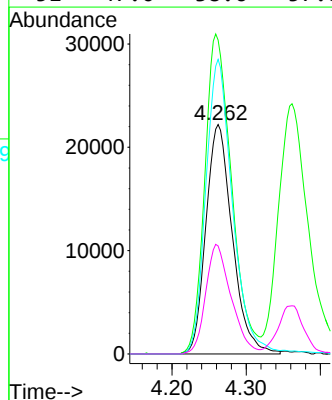
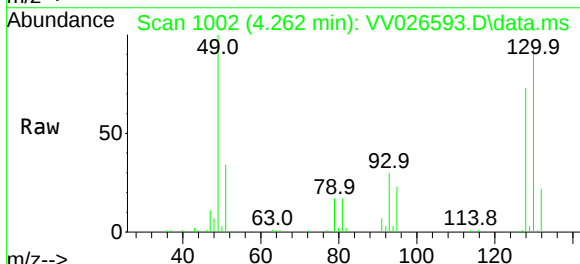
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

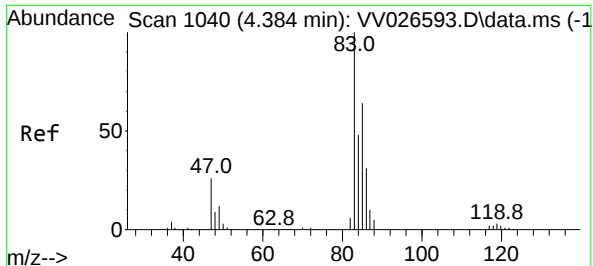
Tgt Ion: 43 Resp: 83262
Ion Ratio Lower Upper
43 100
72 27.0 13.8 41.4



#23
Bromochloromethane
Concen: 40.518 ug/L
RT: 4.262 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

Tgt Ion: 128 Resp: 54947
Ion Ratio Lower Upper
128 100
49 136.8 111.0 206.2
130 128.4 87.1 161.7
51 47.0 38.6 57.8

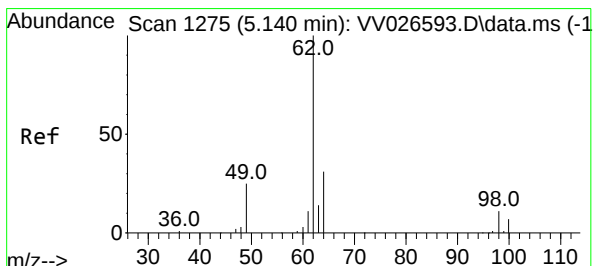
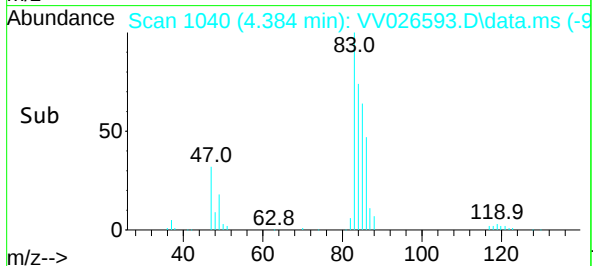
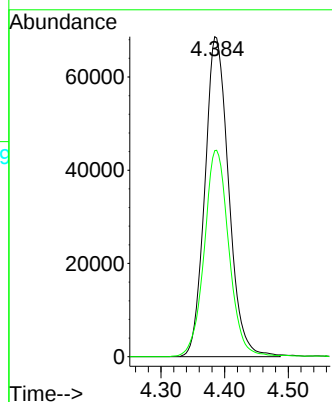
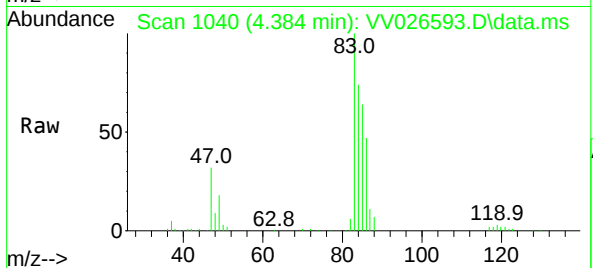




#25
Chloroform
Concen: 38.054 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

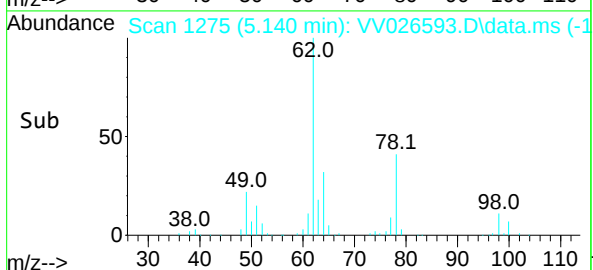
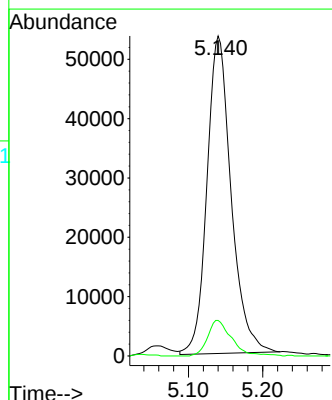
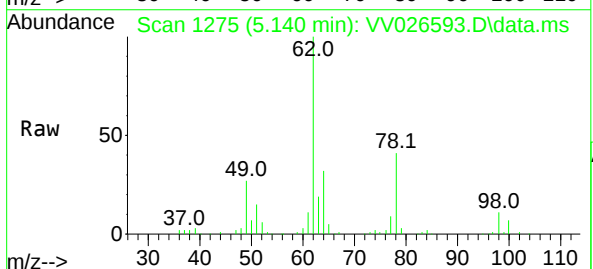
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

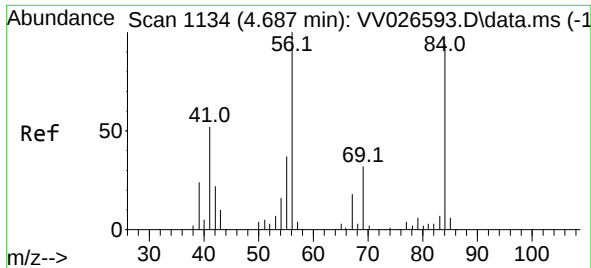
Tgt Ion: 83 Resp: 178371
Ion Ratio Lower Upper
83 100
85 64.4 44.9 83.3



#27
1,2-Dichloroethane
Concen: 34.735 ug/L
RT: 5.140 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

Tgt Ion: 62 Resp: 120860
Ion Ratio Lower Upper
62 100
98 11.1 7.7 11.5

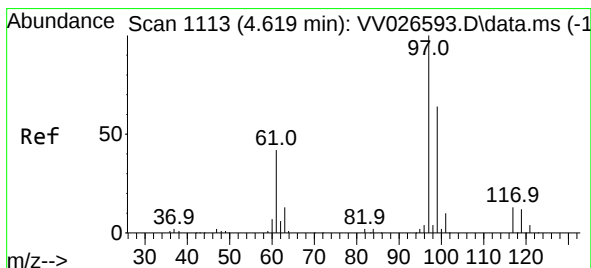
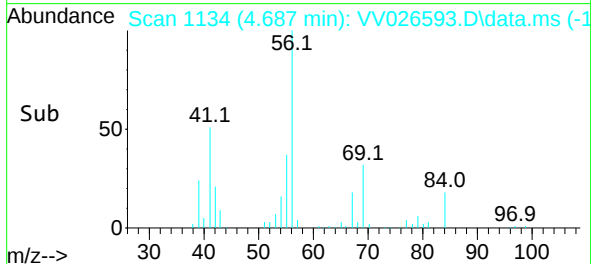
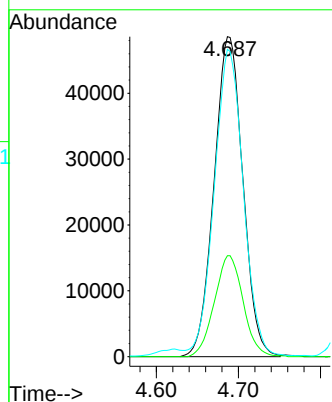
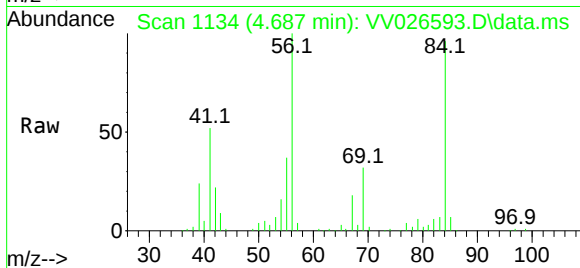




#29
Cyclohexane
Concen: 34.524 ug/L
RT: 4.687 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

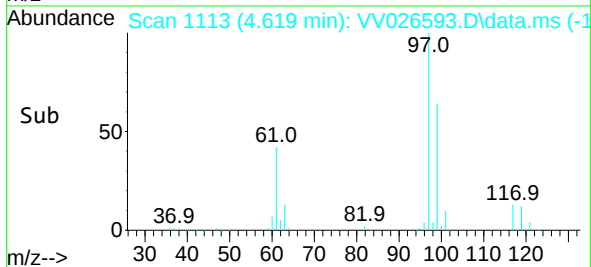
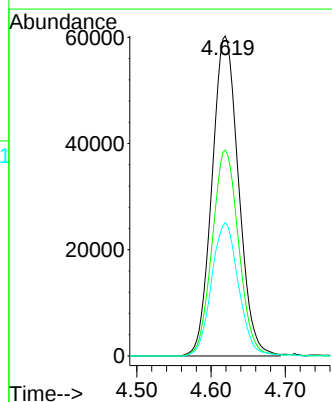
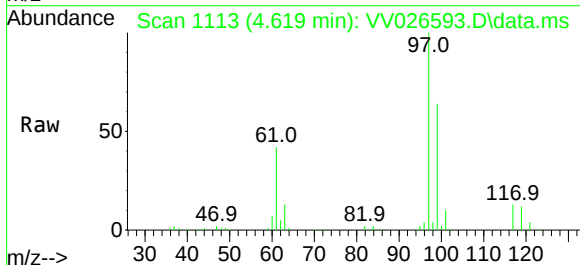
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

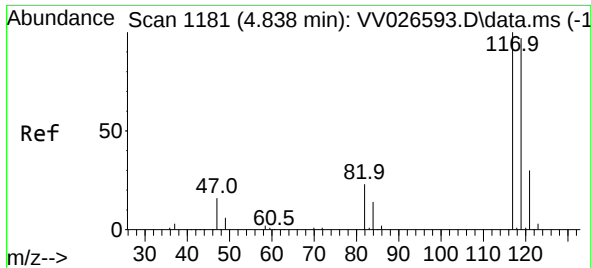
Tgt Ion: 56 Resp: 118683
Ion Ratio Lower Upper
56 100
69 31.4 24.8 37.2
84 96.3 73.8 110.8



#30
1,1,1-Trichloroethane
Concen: 37.981 ug/L
RT: 4.619 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

Tgt Ion: 97 Resp: 149735
Ion Ratio Lower Upper
97 100
99 64.3 52.6 78.8
61 42.2 35.6 53.4

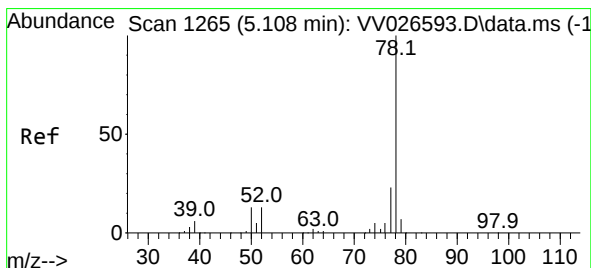
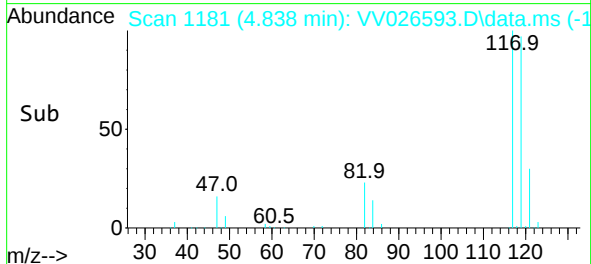
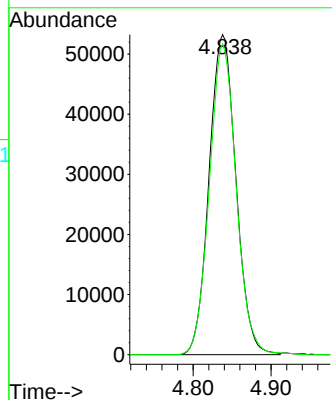
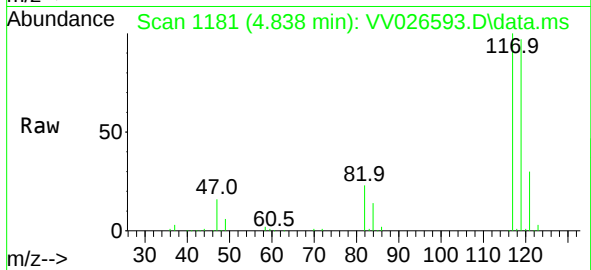




#31
Carbon tetrachloride
Concen: 38.539 ug/L
RT: 4.838 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

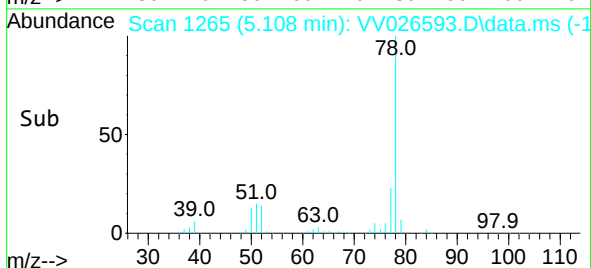
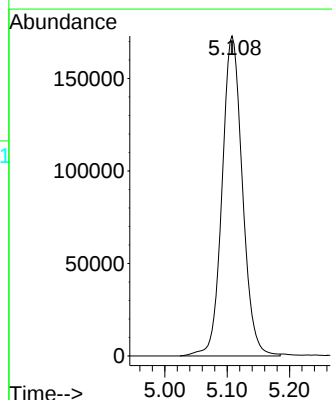
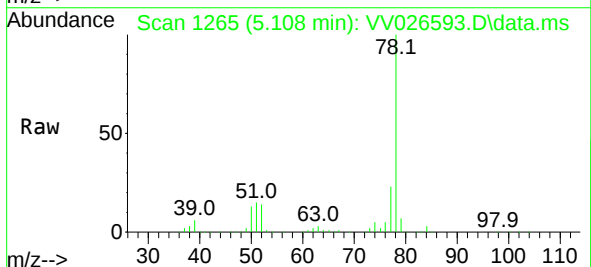
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

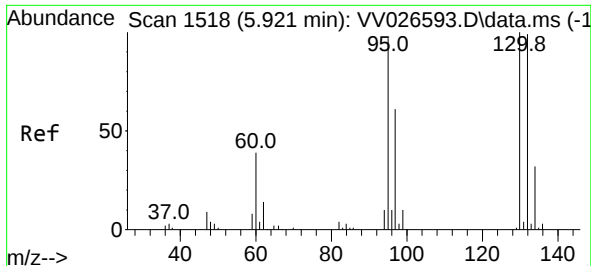
Tgt Ion:117 Resp: 127589
Ion Ratio Lower Upper
117 100
119 96.8 76.9 115.3



#33
Benzene
Concen: 40.102 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

Tgt Ion: 78 Resp: 392212



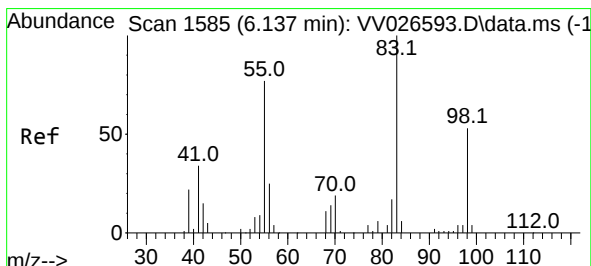
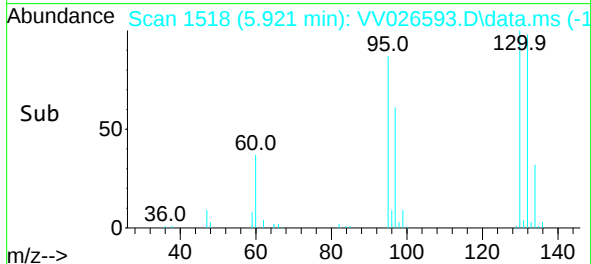
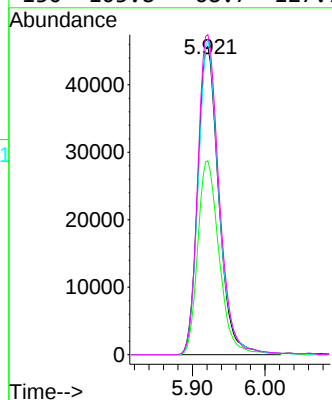
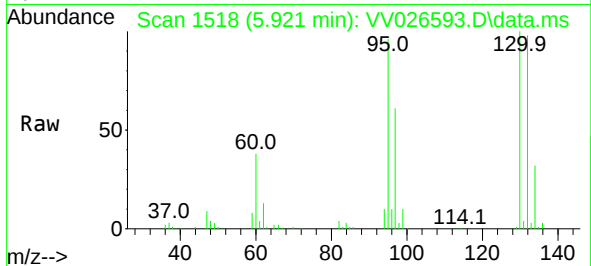


#34
Trichloroethene
Concen: 36.202 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

Tgt Ion: 95 Resp: 91567

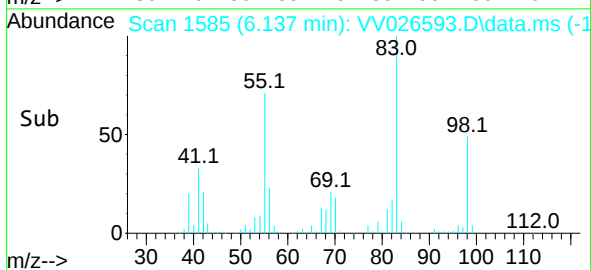
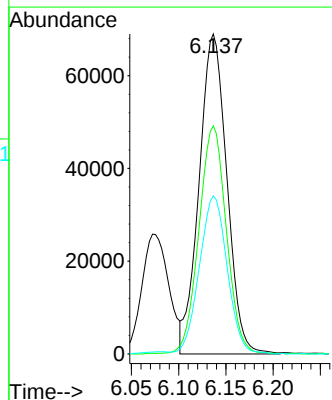
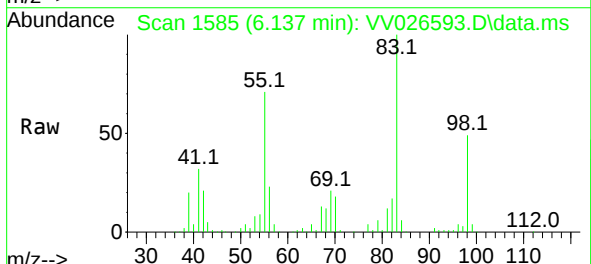
Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.2	82.0
132	102.2	67.7	125.7
130	103.8	68.7	127.7

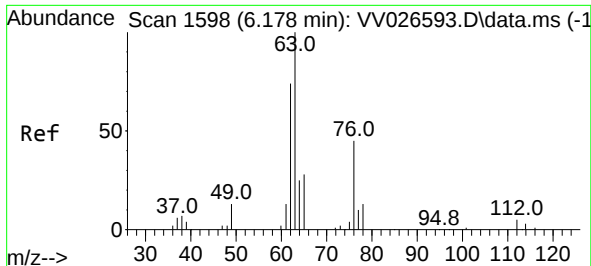


#35
Methylcyclohexane
Concen: 37.084 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

Tgt Ion: 83 Resp: 140740

Ion	Ratio	Lower	Upper
83	100		
55	70.5	58.6	87.8
98	49.6	39.1	58.7





#37

1,2-Dichloropropane

Concen: 39.126 ug/L

RT: 6.178 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV026593.D

Acq: 29 Jun 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

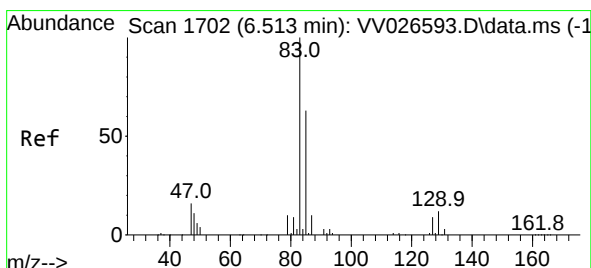
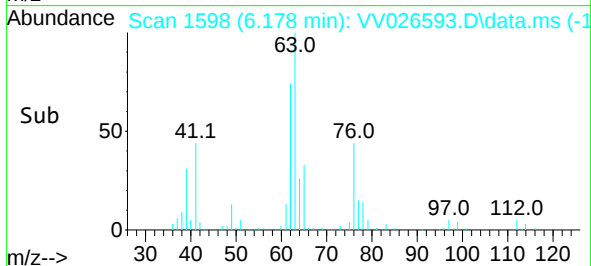
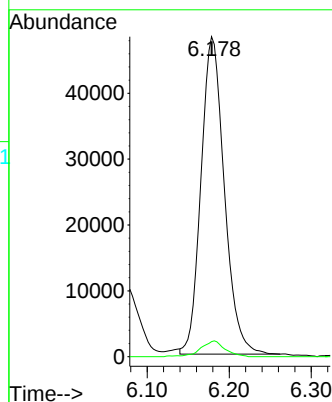
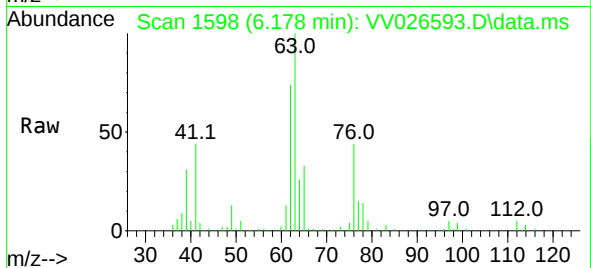
VSTD050227

Tgt Ion: 63 Resp: 95269

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.6



#38

Bromodichloromethane

Concen: 36.647 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VV026593.D

Acq: 29 Jun 2022 11:50

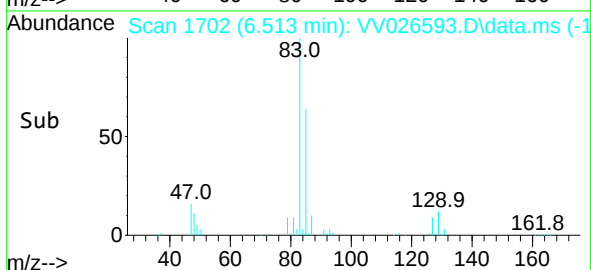
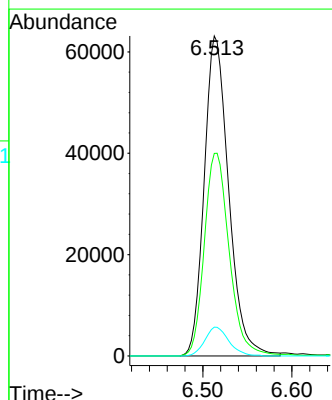
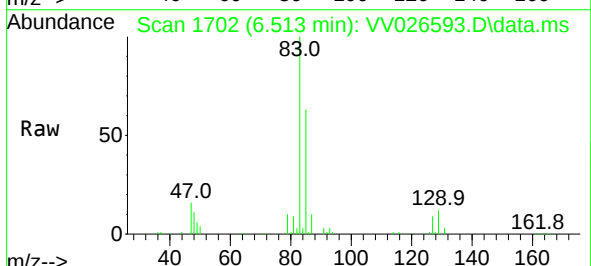
Tgt Ion: 83 Resp: 120564

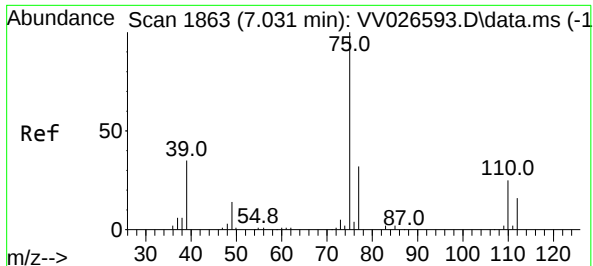
Ion Ratio Lower Upper

83 100

85 63.3 46.0 85.4

127 9.0 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 35.645 ug/L

RT: 7.031 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV026593.D

Acq: 29 Jun 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

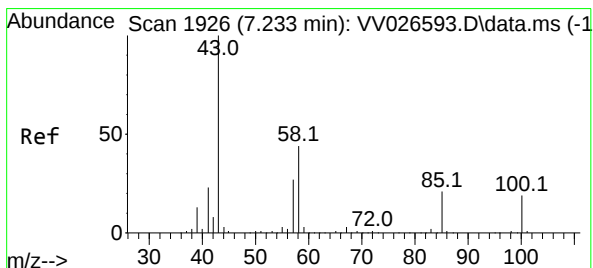
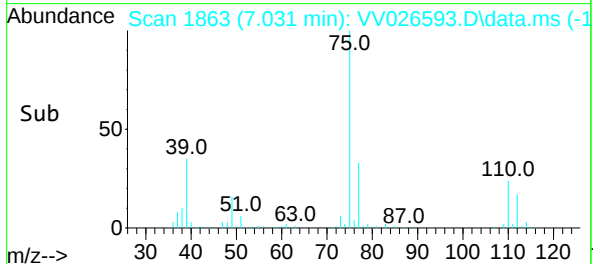
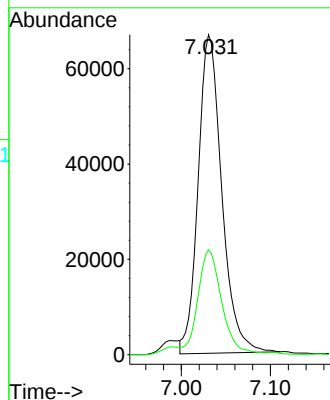
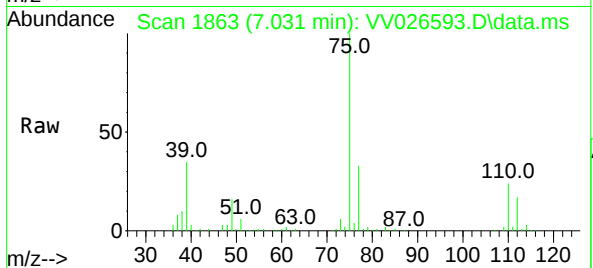
VSTD050227

Tgt Ion: 75 Resp: 123237

Ion Ratio Lower Upper

75 100

77 32.8 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 64.061 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.000 min

Lab File: VV026593.D

Acq: 29 Jun 2022 11:50

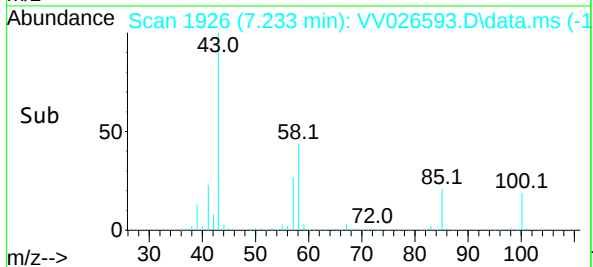
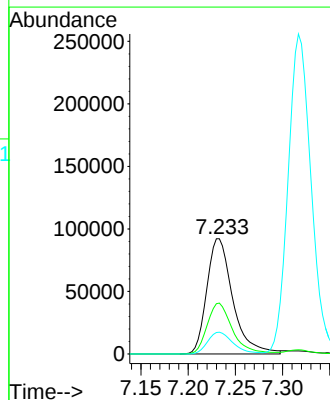
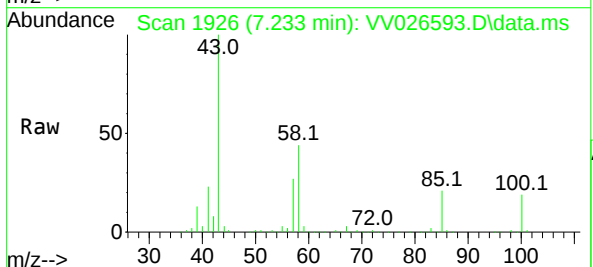
Tgt Ion: 43 Resp: 176307

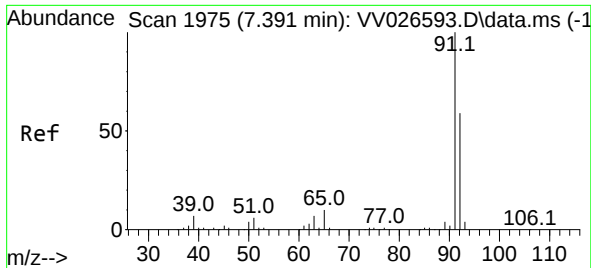
Ion Ratio Lower Upper

43 100

58 43.1 32.9 49.3

100 18.5 13.7 20.5





#42

Toluene

Concen: 39.349 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VV026593.D

Acq: 29 Jun 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

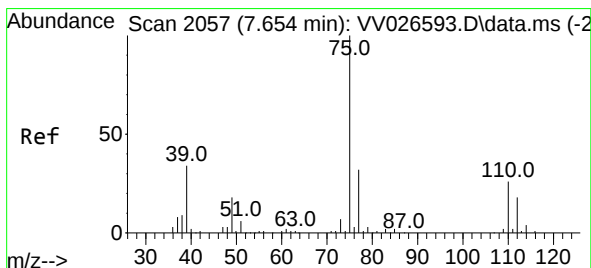
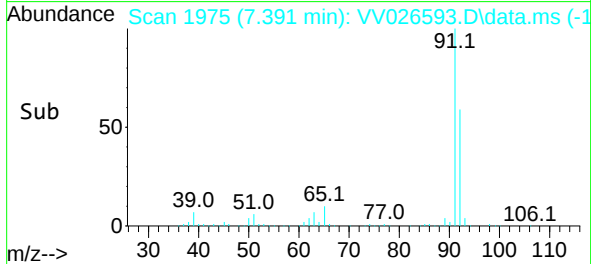
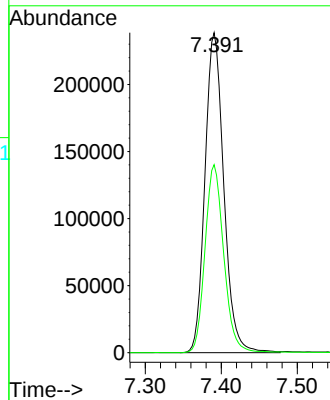
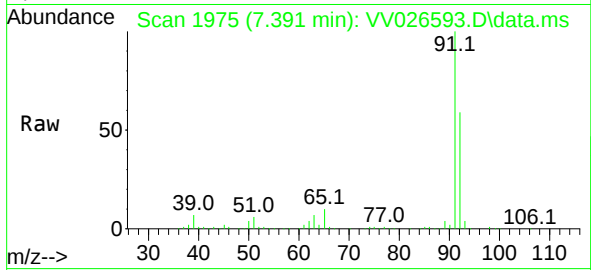
VSTD050227

Tgt Ion: 91 Resp: 411241

Ion Ratio Lower Upper

91 100

92 58.7 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 36.052 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VV026593.D

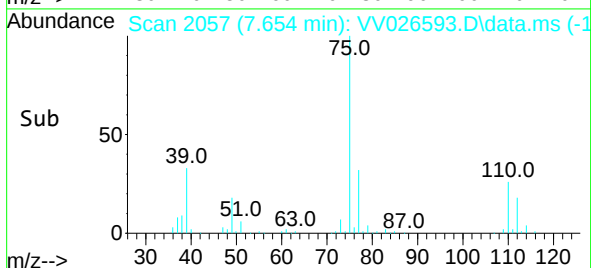
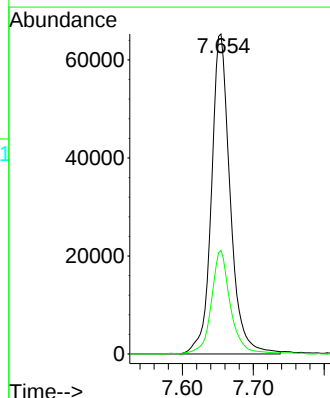
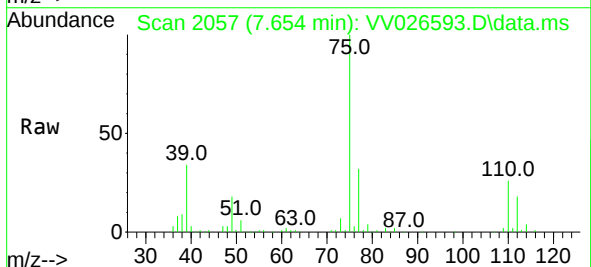
Acq: 29 Jun 2022 11:50

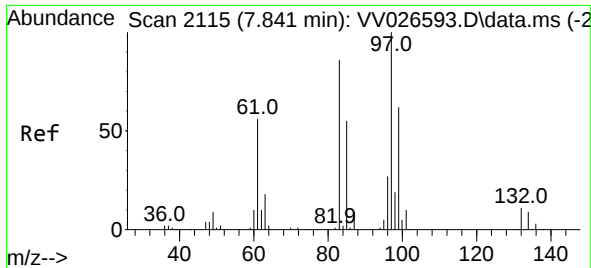
Tgt Ion: 75 Resp: 119911

Ion Ratio Lower Upper

75 100

77 32.4 21.8 40.4

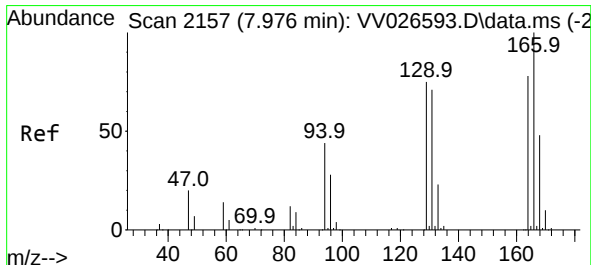
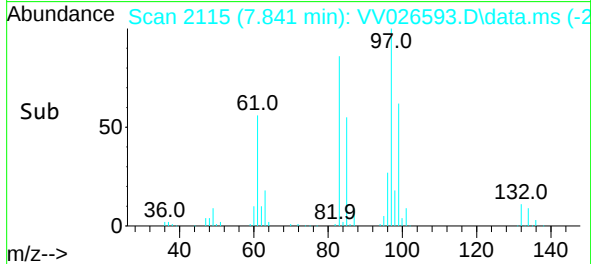
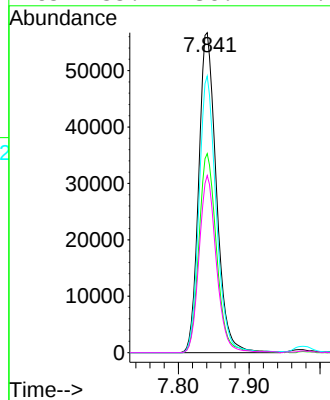
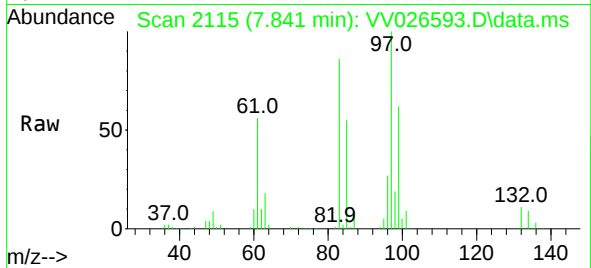




#45
1,1,2-Trichloroethane
Concen: 39.259 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

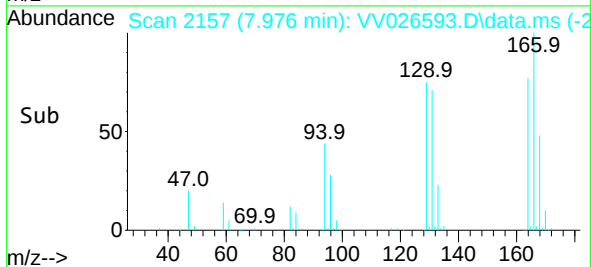
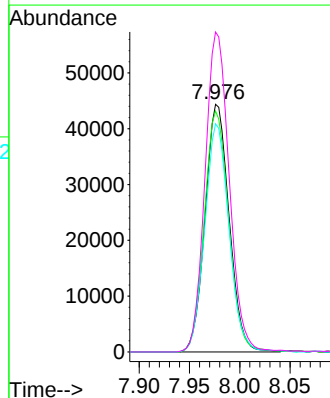
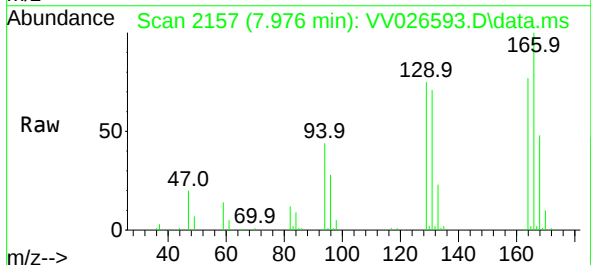
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

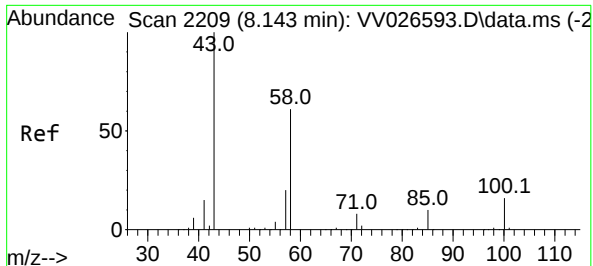
Tgt Ion:	97	Resp:	98023
Ion	Ratio	Lower	Upper
97	100		
99	62.2	42.6	79.0
83	86.5	59.7	110.9
85	55.4	38.4	71.4



#46
Tetrachloroethene
Concen: 39.146 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

Tgt Ion:	164	Resp:	74067
Ion	Ratio	Lower	Upper
164	100		
129	97.3	66.8	124.2
131	92.1	66.7	123.9
166	129.2	86.5	160.7



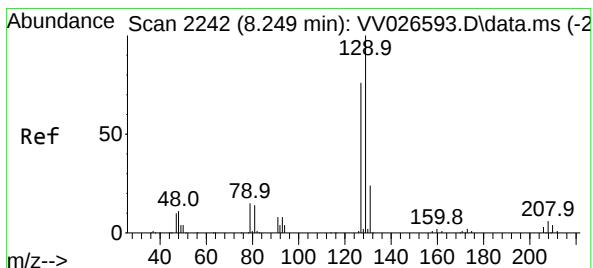
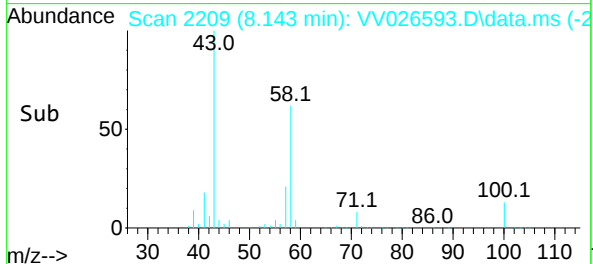
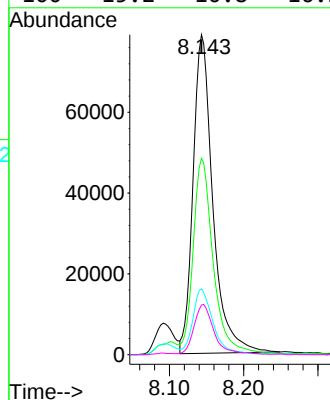
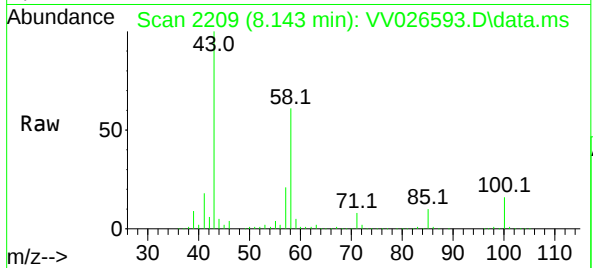


#48
2-Hexanone
Concen: 68.040 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

Tgt Ion: 43 Resp: 146119

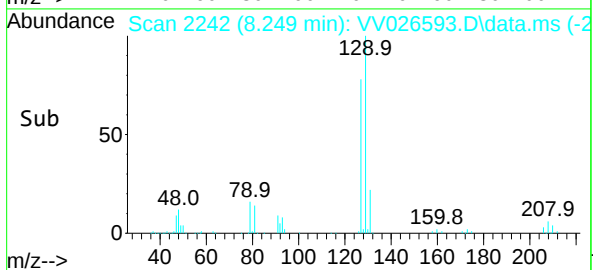
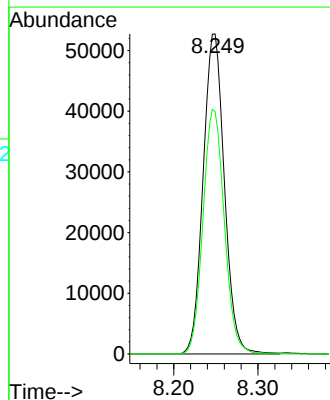
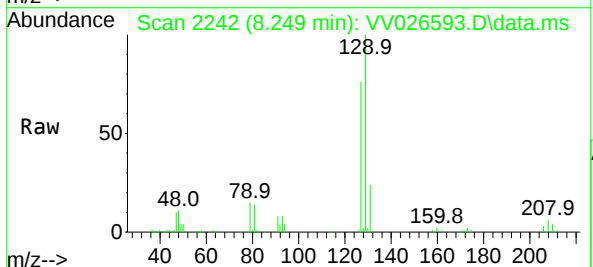
Ion	Ratio	Lower	Upper
43	100		
58	62.4	45.9	68.9
57	20.8	15.4	23.2
100	15.2	10.8	16.2

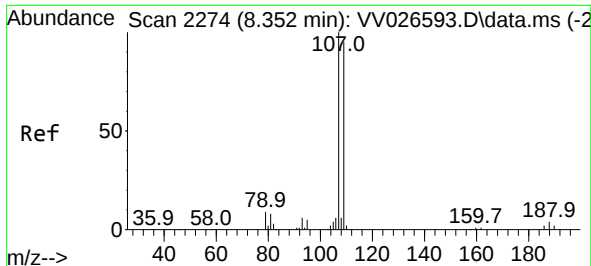


#49
Dibromochloromethane
Concen: 37.666 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

Tgt Ion: 129 Resp: 92697

Ion	Ratio	Lower	Upper
129	100		
127	75.7	53.5	99.5





#50

1,2-Dibromoethane

Concen: 38.214 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV026593.D

Acq: 29 Jun 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD050227

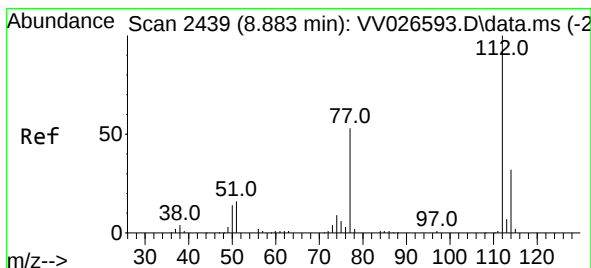
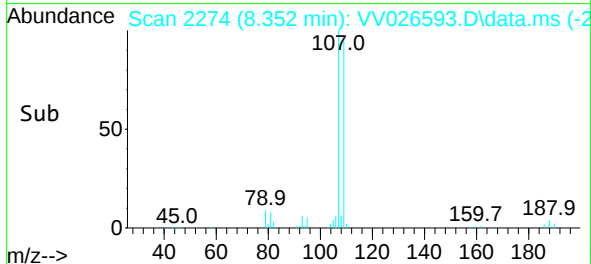
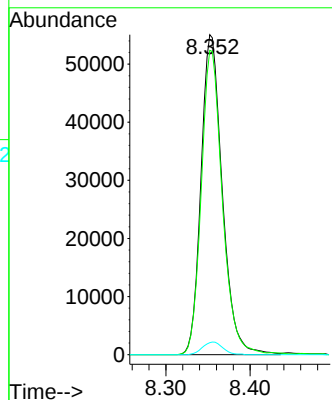
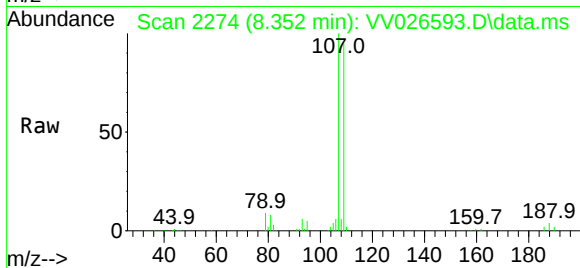
Tgt Ion:107 Resp: 96871

Ion Ratio Lower Upper

107 100

109 95.1 64.1 119.1

188 3.7 2.6 3.8



#51

Chlorobenzene

Concen: 38.134 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VV026593.D

Acq: 29 Jun 2022 11:50

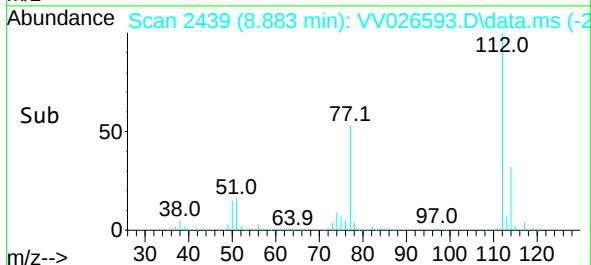
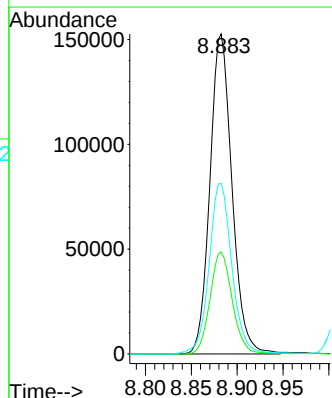
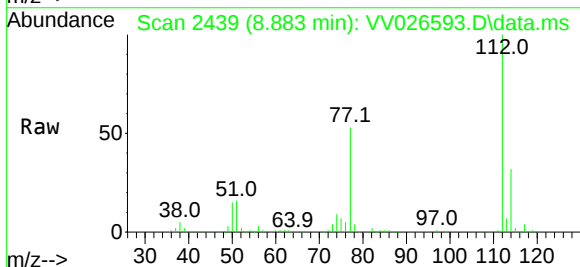
Tgt Ion:112 Resp: 255462

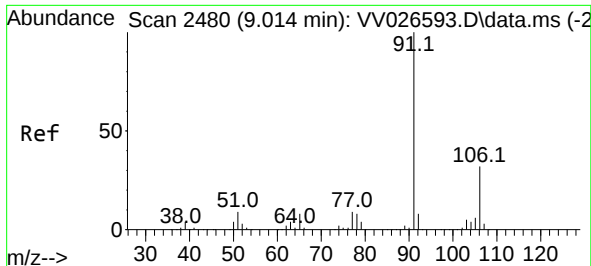
Ion Ratio Lower Upper

112 100

114 31.8 22.0 40.8

77 53.4 45.3 67.9





#52

Ethylbenzene

Concen: 35.768 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. 0.000 min

Lab File: VV026593.D

Acq: 29 Jun 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

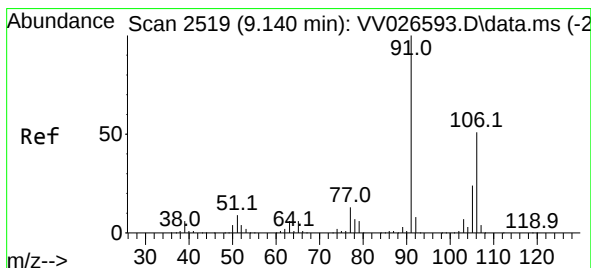
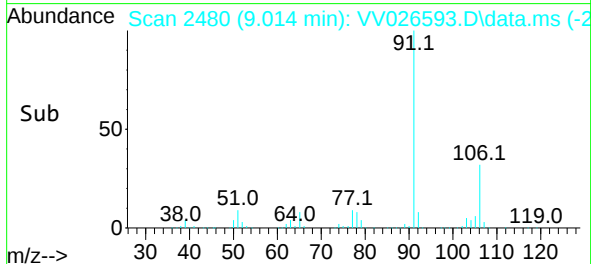
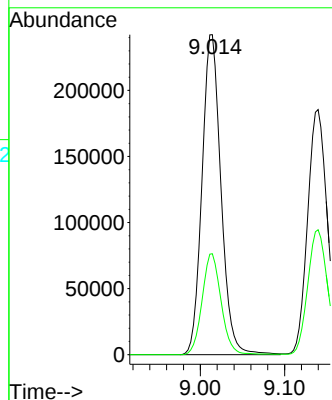
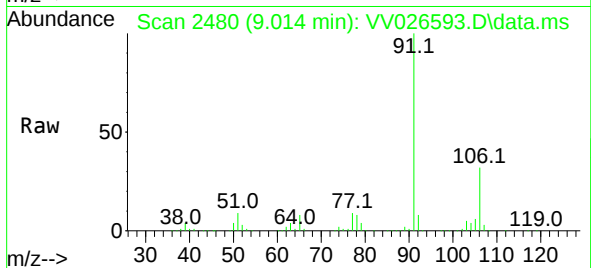
VSTD050227

Tgt Ion: 91 Resp: 380022

Ion Ratio Lower Upper

91 100

106 31.5 21.8 40.6



#53

m,p-Xylene

Concen: 37.548 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV026593.D

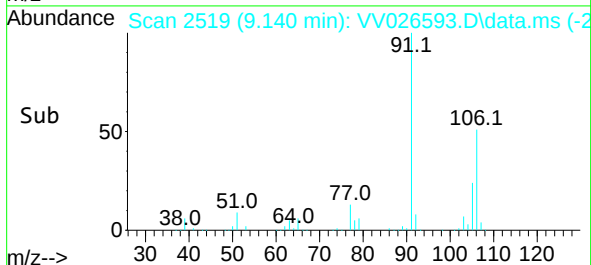
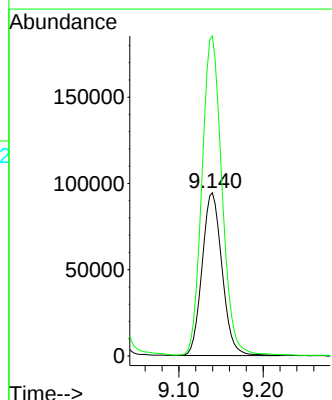
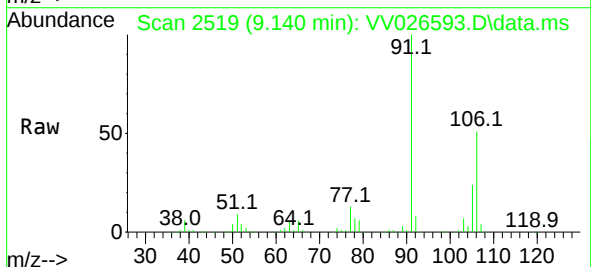
Acq: 29 Jun 2022 11:50

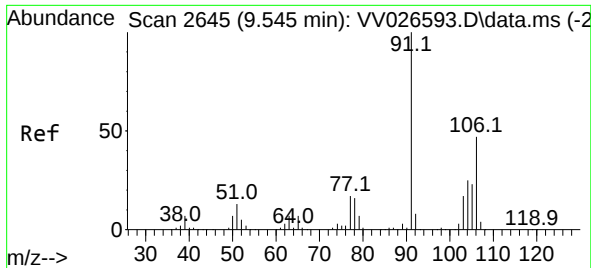
Tgt Ion: 106 Resp: 155467

Ion Ratio Lower Upper

106 100

91 196.2 142.0 263.6

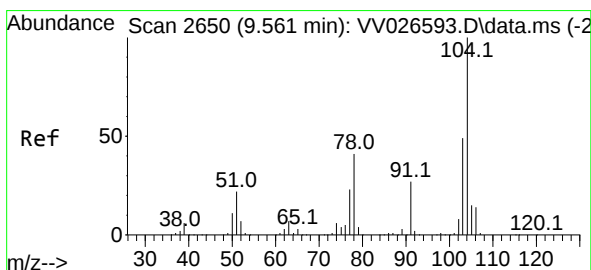
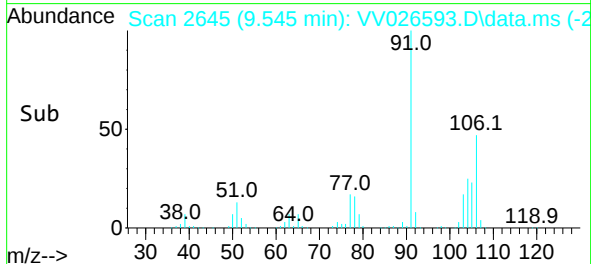
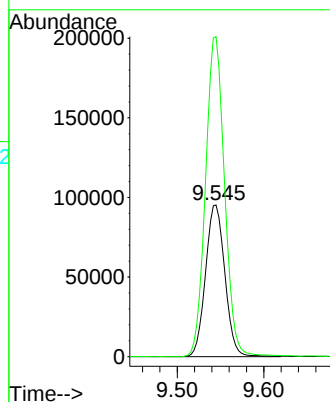
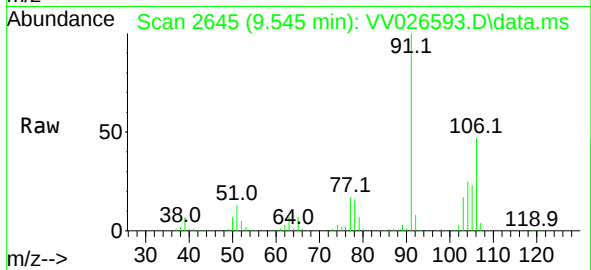




#54
o-Xylene
Concen: 36.438 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

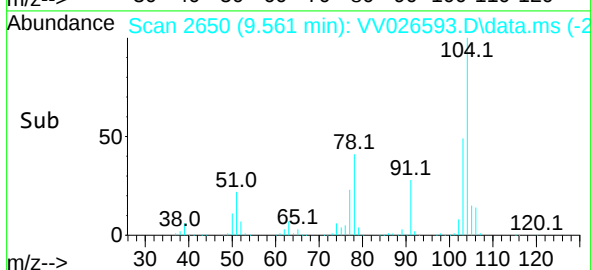
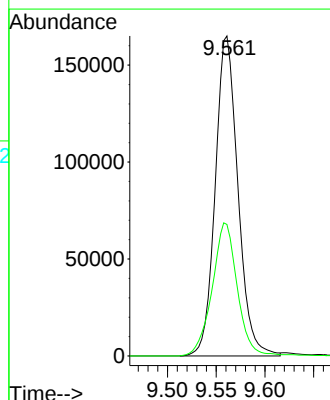
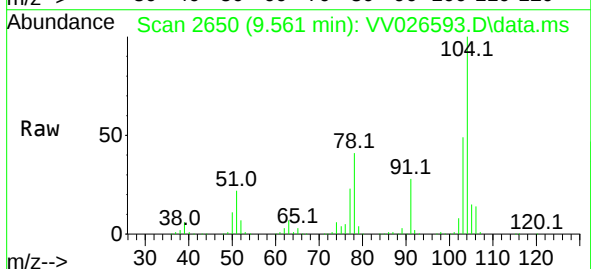
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

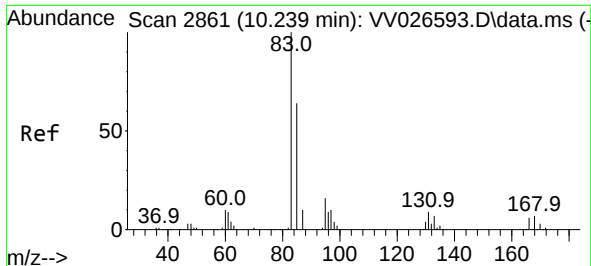
Tgt Ion:106 Resp: 147838
Ion Ratio Lower Upper
106 100
91 210.9 147.4 273.8



#55
Styrene
Concen: 37.864 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

Tgt Ion:104 Resp: 267616
Ion Ratio Lower Upper
104 100
78 41.1 29.8 55.3

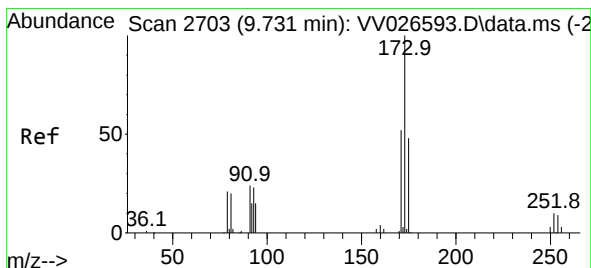
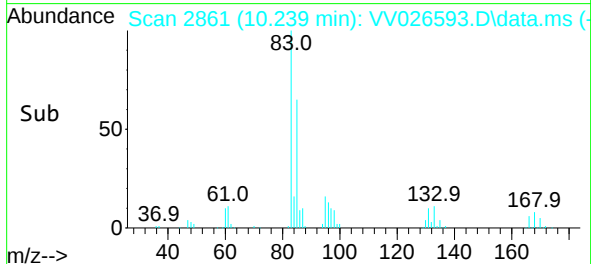
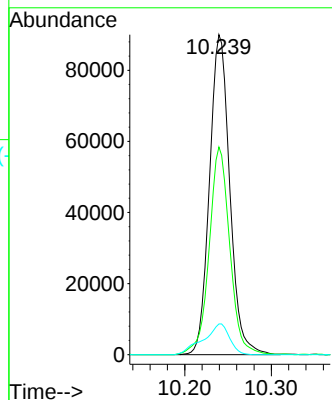
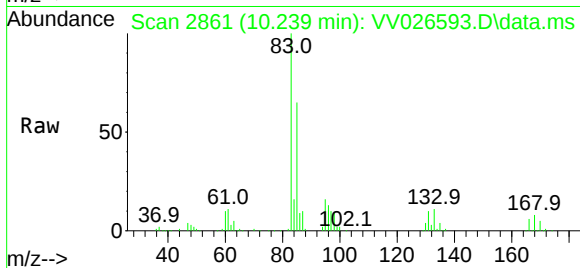




#57
1,1,2,2-Tetrachloroethane
Concen: 39.212 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

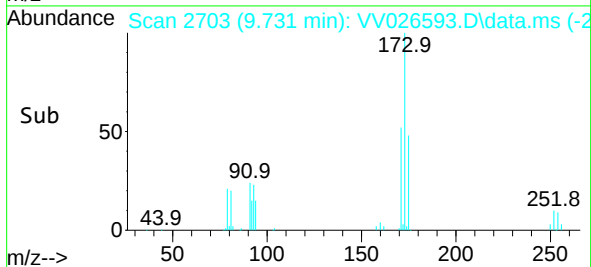
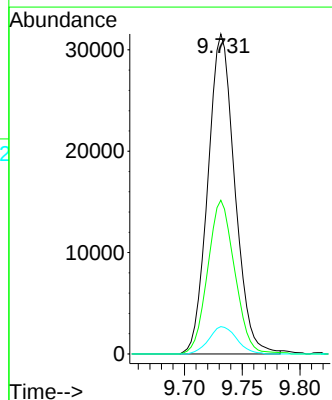
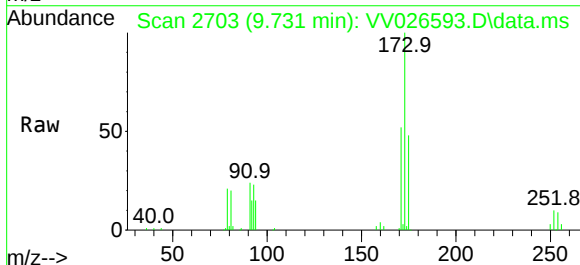
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

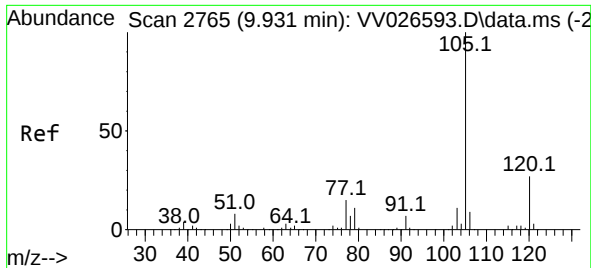
Tgt Ion: 83 Resp: 146369
Ion Ratio Lower Upper
83 100
85 64.9 44.7 82.9
131 9.6 7.5 11.3



#59
Bromoform
Concen: 33.571 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

Tgt Ion: 173 Resp: 51089
Ion Ratio Lower Upper
173 100
175 48.3 38.1 57.1
254 8.8 7.0 10.6

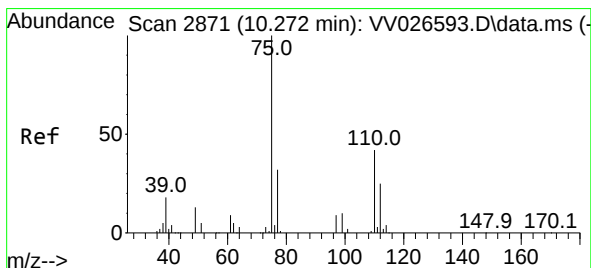
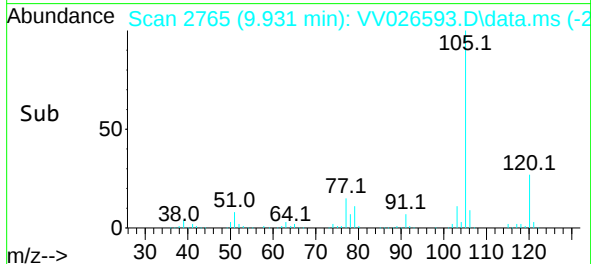
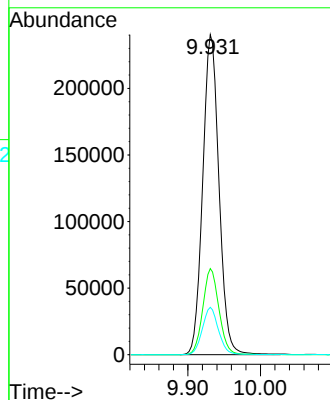
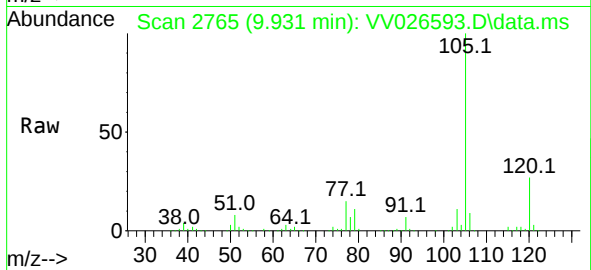




#60
Isopropylbenzene
Concen: 35.346 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

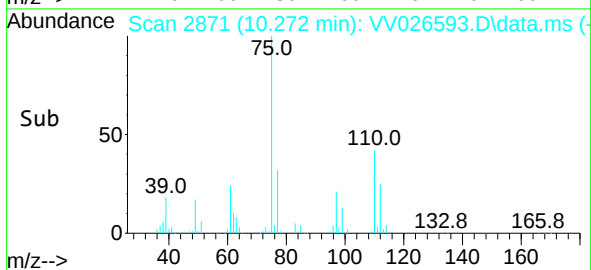
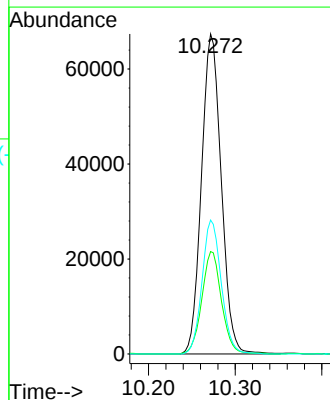
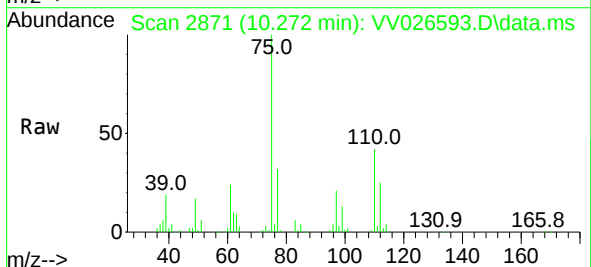
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

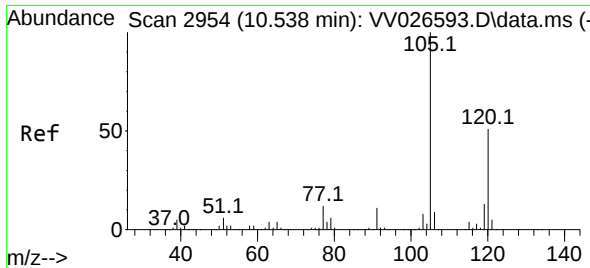
Tgt Ion:105 Resp: 374111
Ion Ratio Lower Upper
105 100
120 26.7 21.0 31.6
77 14.7 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 34.062 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

Tgt Ion: 75 Resp: 106768
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9
110 40.7 32.3 48.5

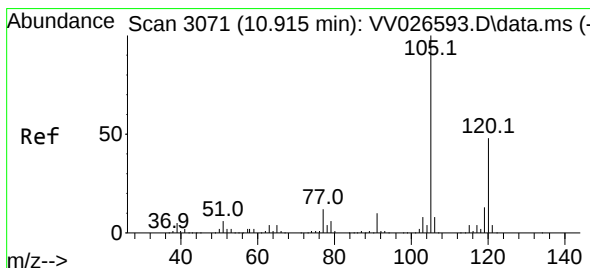
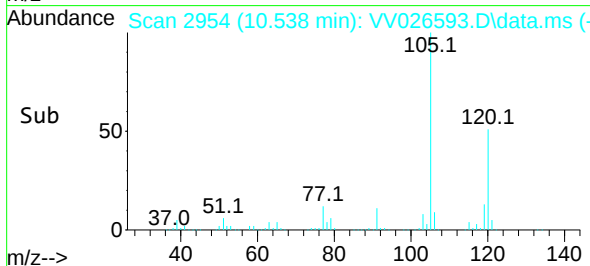
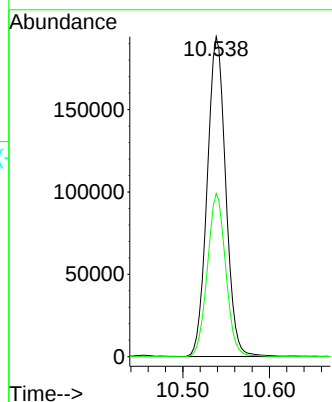
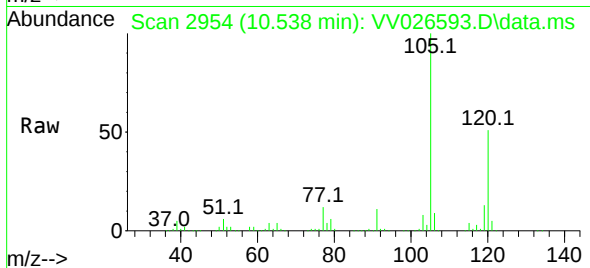




#62
 1,3,5-Trimethylbenzene
 Concen: 49.233 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV026593.D
 Acq: 29 Jun 2022 11:50

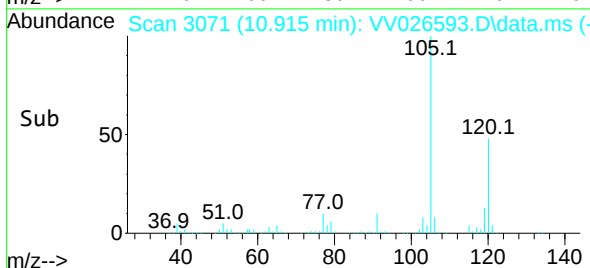
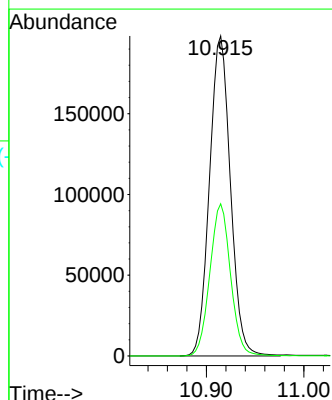
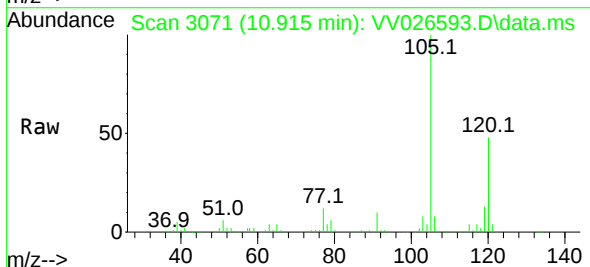
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050227

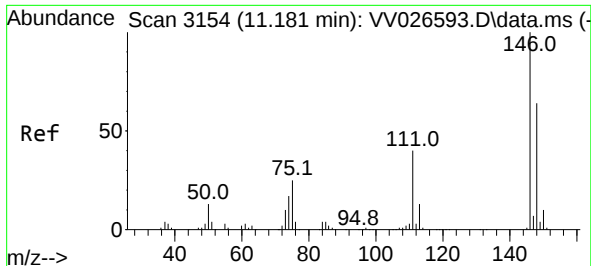
Tgt Ion:105 Resp: 288328
 Ion Ratio Lower Upper
 105 100
 120 50.5 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 35.070 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV026593.D
 Acq: 29 Jun 2022 11:50

Tgt Ion:105 Resp: 295402
 Ion Ratio Lower Upper
 105 100
 120 47.1 36.6 55.0

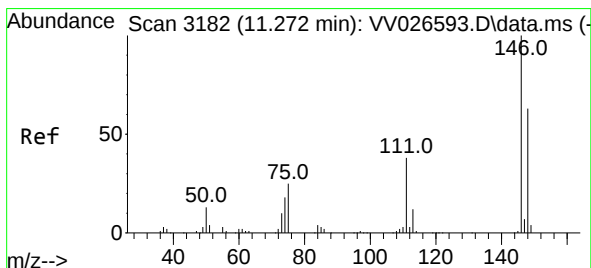
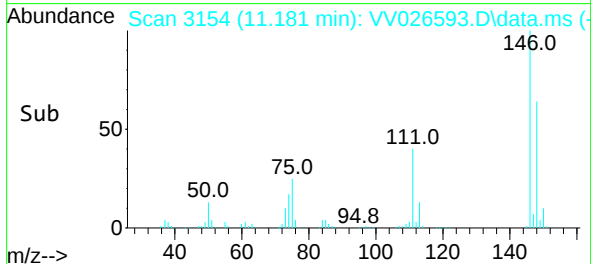
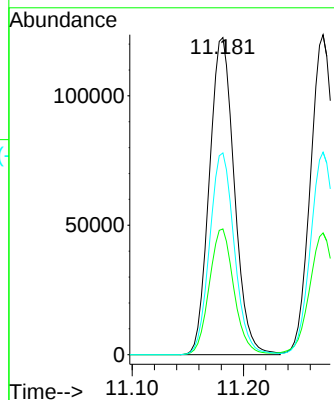
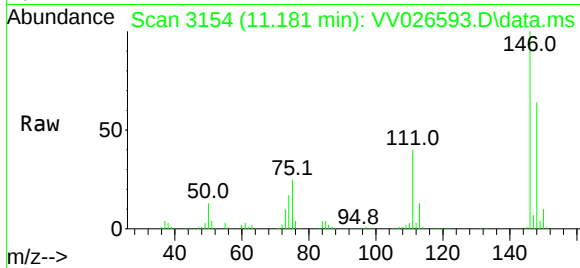




#64
1,3-Dichlorobenzene
Concen: 37.471 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

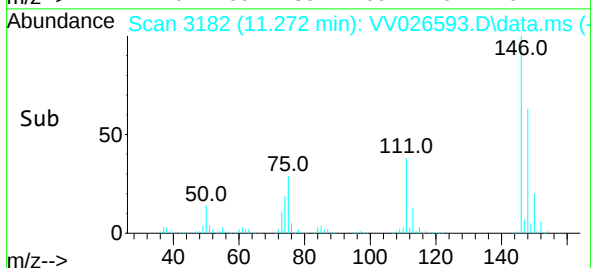
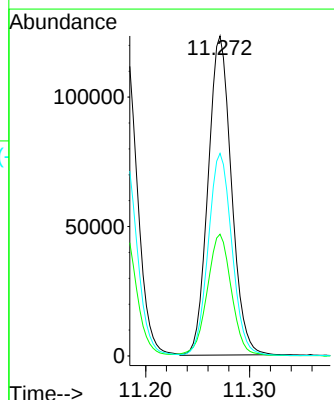
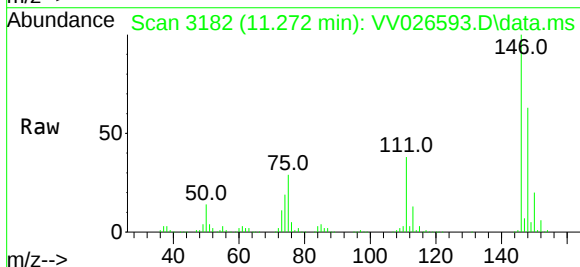
Instrument :
MSVOA_V
ClientSampleId :
VSTD050227

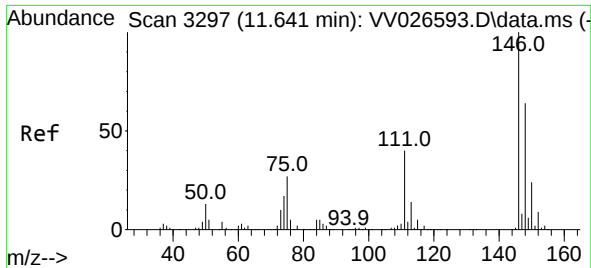
Tgt Ion:146 Resp: 190836
Ion Ratio Lower Upper
146 100
111 39.6 28.1 52.1
148 63.6 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 36.166 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026593.D
Acq: 29 Jun 2022 11:50

Tgt Ion:146 Resp: 192495
Ion Ratio Lower Upper
146 100
111 38.0 26.7 49.7
148 63.3 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 37.021 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026593.D

Acq: 29 Jun 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD050227

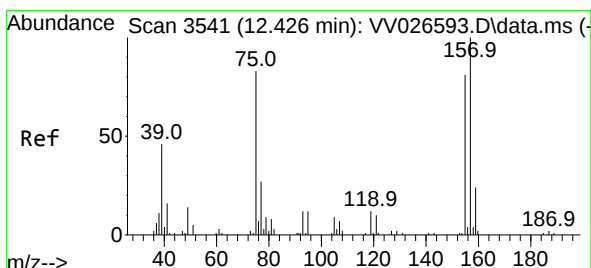
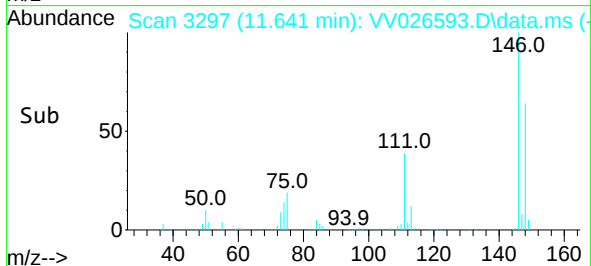
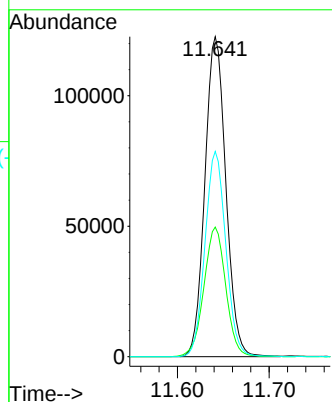
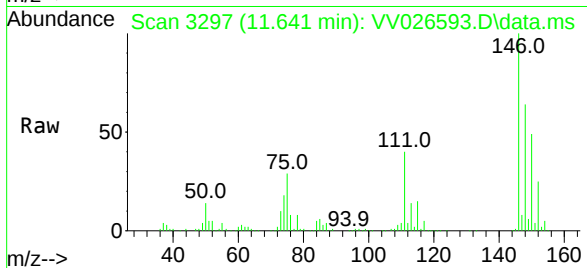
Tgt Ion:146 Resp: 195125

Ion Ratio Lower Upper

146 100

111 40.5 33.7 50.5

148 64.2 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 29.955 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV026593.D

Acq: 29 Jun 2022 11:50

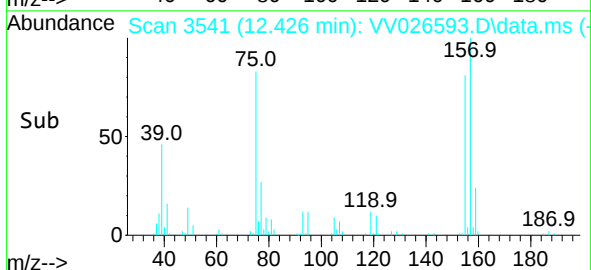
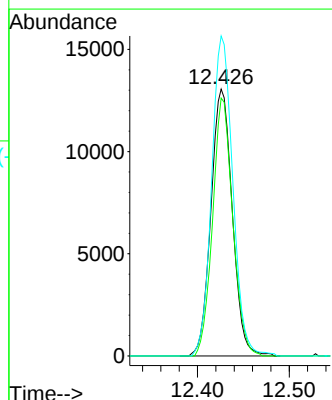
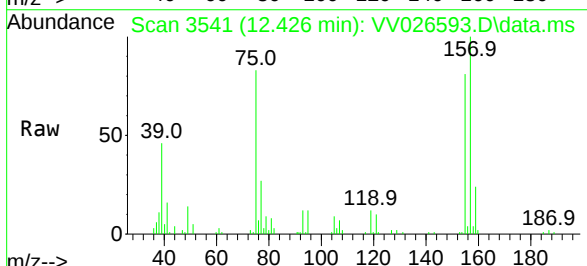
Tgt Ion: 75 Resp: 21124

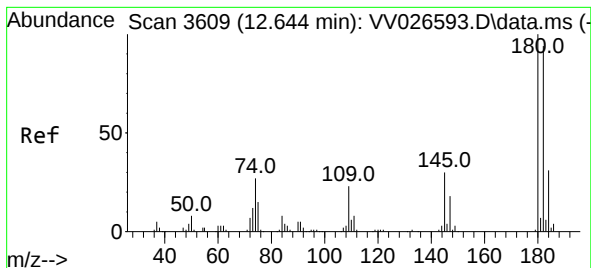
Ion Ratio Lower Upper

75 100

155 96.6 66.8 100.2

157 119.9 82.5 123.7





#69

1,3,5-Trichlorobenzene

Concen: 34.718 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV026593.D

Acq: 29 Jun 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD050227

Tgt Ion:180 Resp: 121032

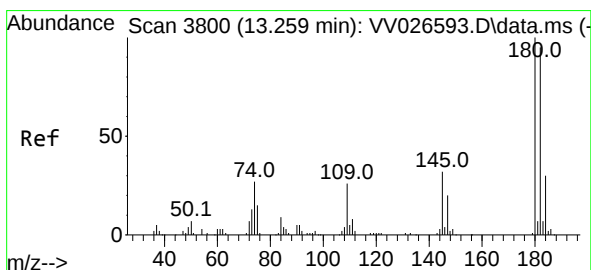
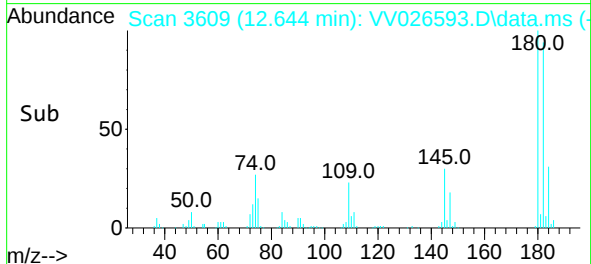
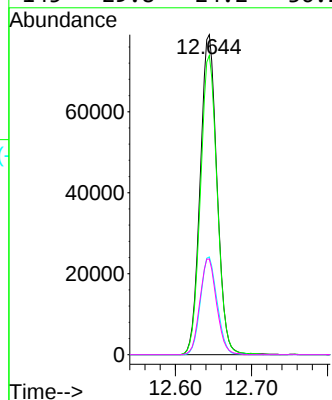
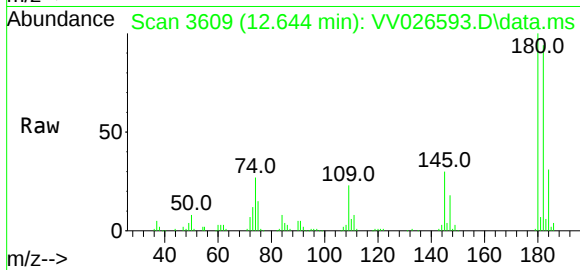
Ion Ratio Lower Upper

180 100

182 93.3 75.1 112.7

184 30.2 23.6 35.4

145 29.8 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 32.325 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV026593.D

Acq: 29 Jun 2022 11:50

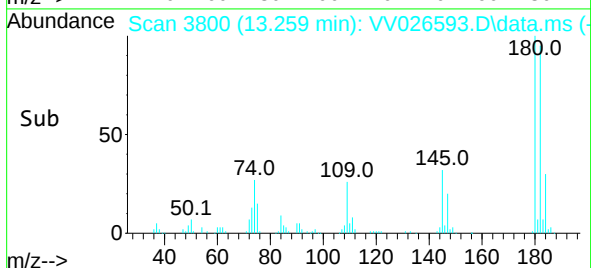
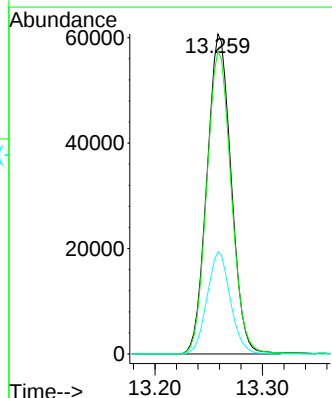
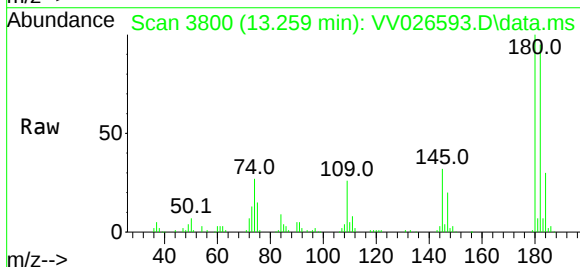
Tgt Ion:180 Resp: 94934

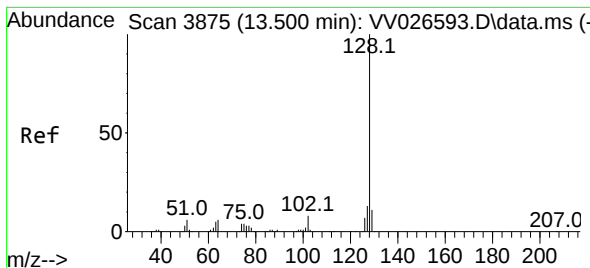
Ion Ratio Lower Upper

180 100

182 95.6 74.8 112.2

145 30.7 24.8 37.2





#71

Naphthalene

Concen: 29.469 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV026593.D

Acq: 29 Jun 2022 11:50

Instrument :

MSVOA_V

ClientSampleId :

VSTD050227

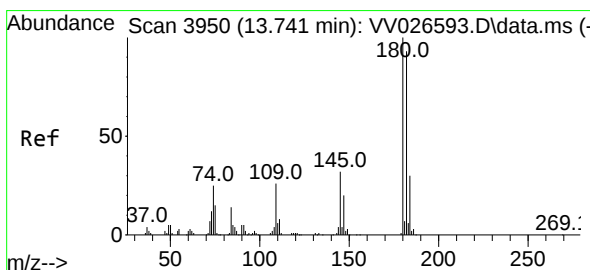
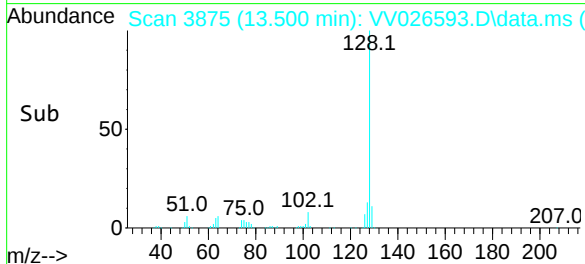
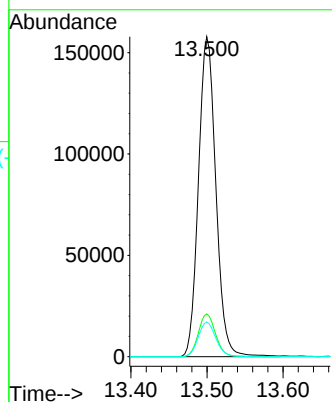
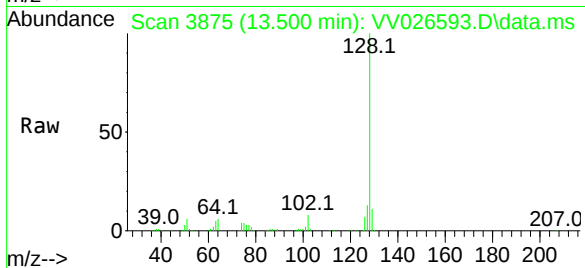
Tgt Ion:128 Resp: 250523

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 33.548 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV026593.D

Acq: 29 Jun 2022 11:50

Tgt Ion:180 Resp: 100422

Ion Ratio Lower Upper

180 100

182 93.2 75.8 113.8

145 31.8 26.3 39.5

