

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
 Data File : VX029402.D
 Acq On : 13 Jun 2022 10:14
 Operator : JC/MD
 Sample : VSTD00566
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005666

Quant Time: Jun 13 12:08:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 13 12:07:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	384672	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	341260	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	166250	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	14215	4.232	ug/L	0.00
7) Chloroethane-d5	1.666	69	10089	4.742	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.307	63	25144	3.938	ug/L	0.00
21) 2-Butanone-d5	4.471	46	19654	8.336	ug/L	0.00
24) Chloroform-d	5.062	84	26241	4.152	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	18862	4.608	ug/L	0.00
32) Benzene-d6	5.971	84	51560	4.293	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	14567	4.080	ug/L	0.00
41) Toluene-d8	8.647	98	50288	4.573	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.958	79	6511	3.951	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	14521	9.041	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	21851	4.941	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	16361	4.358	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	16794	4.009	ug/L	98
3) Chloromethane	1.288	50	16434	4.841	ug/L	95
5) Vinyl chloride	1.374	62	14898	4.375	ug/L	97
6) Bromomethane	1.618	94	7223	4.877	ug/L	92
8) Chloroethane	1.691	64	8809	4.730	ug/L	87
9) Trichlorofluoromethane	1.886	101	21560	4.497	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	12664	4.214	ug/L	95
12) 1,1-Dichloroethene	2.319	96	11293	4.081	ug/L	93
13) Acetone	2.392	43	15170	7.784	ug/L	98
14) Carbon disulfide	2.514	76	30632	3.781	ug/L	97
15) Methyl Acetate	2.709	43	12788	4.041	ug/L	92
16) Methylene chloride	2.788	84	12890	4.243	ug/L	92
17) trans-1,2-Dichloroethene	3.093	96	12325	4.203	ug/L	92
18) Methyl tert-butyl Ether	3.117	73	39941	4.346	ug/L	98
19) 1,1-Dichloroethane	3.611	63	21237	4.047	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	13669	4.222	ug/L	91
22) 2-Butanone	4.568	43	19356	7.482	ug/L	97
23) Bromochloromethane	4.891	128	3100	1.882	ug/L	81
25) Chloroform	5.093	83	23845	4.227	ug/L	97
27) 1,2-Dichloroethane	6.086	62	18051	4.129	ug/L #	94
29) Cyclohexane	5.471	56	20855	4.349	ug/L	93
30) 1,1,1-Trichloroethane	5.385	97	21781	4.680	ug/L	95
31) Carbon tetrachloride	5.678	117	16397	4.041	ug/L	96
33) Benzene	6.038	78	49601	4.339	ug/L	100
34) Trichloroethene	7.123	95	27778	8.389	ug/L	95
35) Methylcyclohexane	7.385	83	21963	4.442	ug/L	98
37) 1,2-Dichloropropane	7.428	63	11680	4.056	ug/L #	88
38) Bromodichloromethane	7.824	83	16639	4.285	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	18010	4.154	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	35262	8.615	ug/L	96
42) Toluene	8.720	91	53290	4.320	ug/L	95
44) trans-1,3-Dichloropropene	8.982	75	16422	4.029	ug/L	97

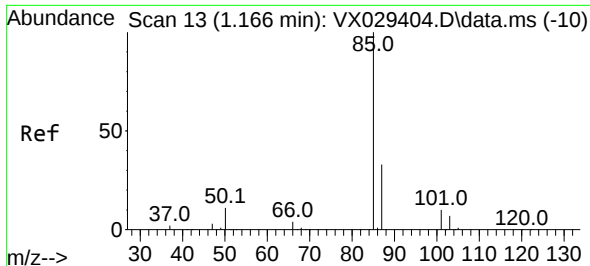
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
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Quant Time: Jun 13 12:08:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 13 12:07:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	13113	4.626	ug/L	94
46) Tetrachloroethene	9.275	164	9980	4.169	ug/L	92
48) 2-Hexanone	9.433	43	27355	8.326	ug/L	95
49) Dibromochloromethane	9.525	129	12723	4.128	ug/L	98
50) 1,2-Dibromoethane	9.610	107	13310	4.447	ug/L	96
51) Chlorobenzene	10.080	112	32880	4.185	ug/L	92
52) Ethylbenzene	10.195	91	56325	4.224	ug/L	98
53) m,p-Xylene	10.299	106	22120	4.216	ug/L	96
54) o-Xylene	10.640	106	21817	4.317	ug/L	96
55) Styrene	10.659	104	34426	4.021	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.214	83	19485	4.965	ug/L	96
59) Bromoform	10.799	173	7311	3.710	ug/L	97
60) Isopropylbenzene	10.964	105	58856	4.649	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	16462	4.925	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	48415	5.281	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	48264	4.551	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	23143	4.179	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	23965	4.301	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	24266	4.491	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	3978	4.744	ug/L	85
69) 1,3,5-Trichlorobenzene	13.116	180	14862	3.893	ug/L	95
70) 1,2,4-trichlorobenzene	13.591	180	13596	4.038	ug/L	97
71) Naphthalene	13.774	128	48930	4.252	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	14209	4.204	ug/L	94

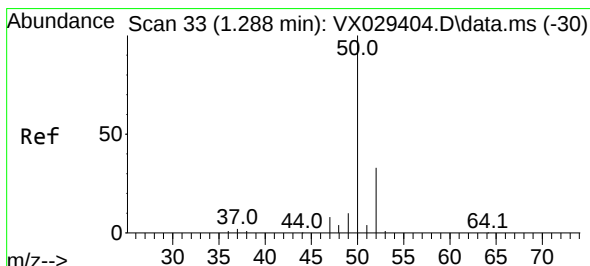
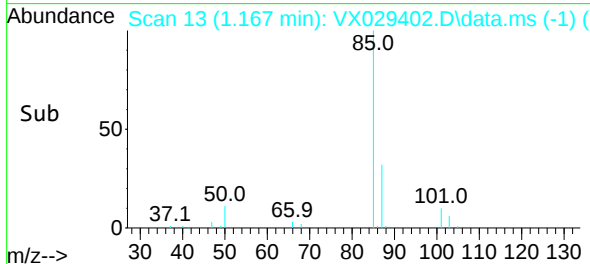
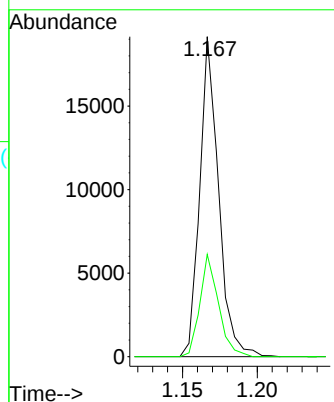
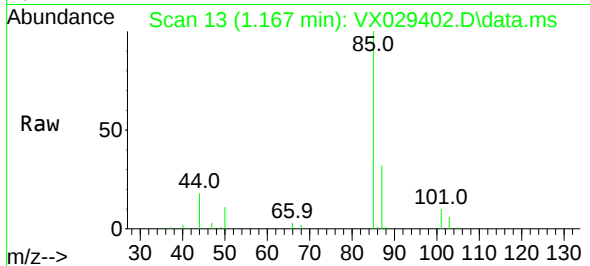
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#2
 Dichlorodifluoromethane
 Concen: 4.009 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029402.D
 Acq: 13 Jun 2022 10:14

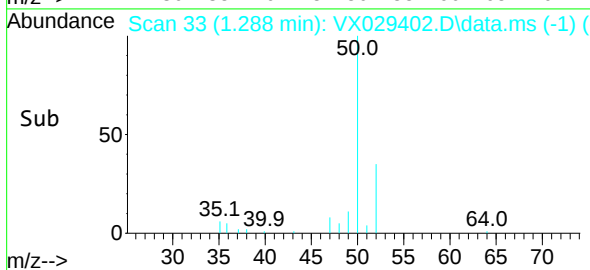
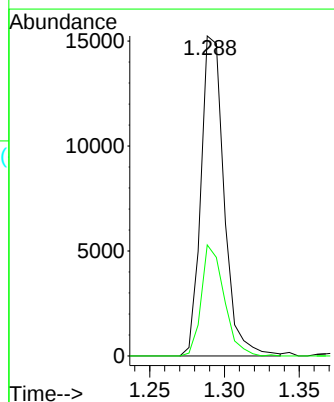
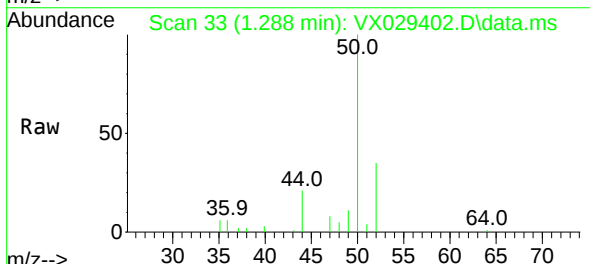
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005666

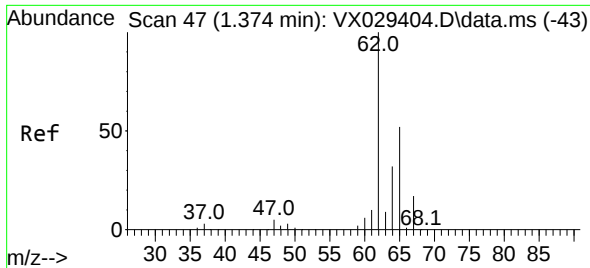
Tgt Ion: 85 Resp: 16794
 Ion Ratio Lower Upper
 85 100
 87 31.5 25.9 38.9



#3
 Chloromethane
 Concen: 4.841 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. 0.000 min
 Lab File: VX029402.D
 Acq: 13 Jun 2022 10:14

Tgt Ion: 50 Resp: 16434
 Ion Ratio Lower Upper
 50 100
 52 34.7 22.5 41.7

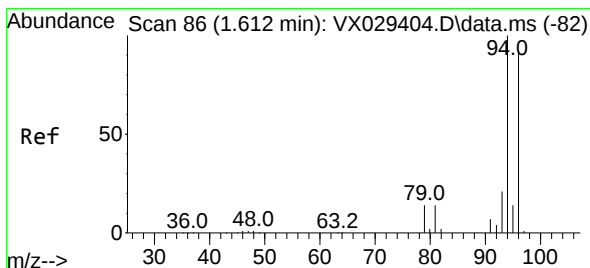
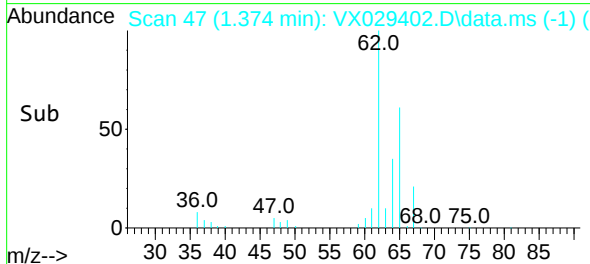
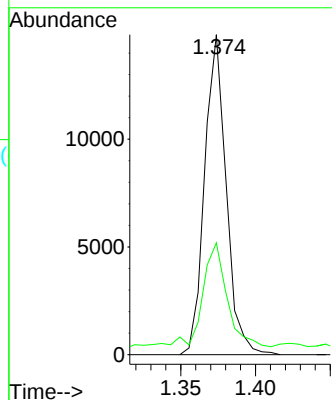
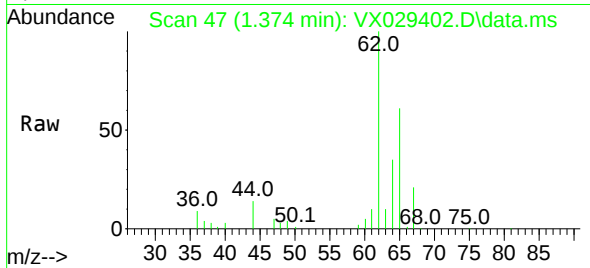




#5
 Vinyl chloride
 Concen: 4.375 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX029402.D
 Acq: 13 Jun 2022 10:14

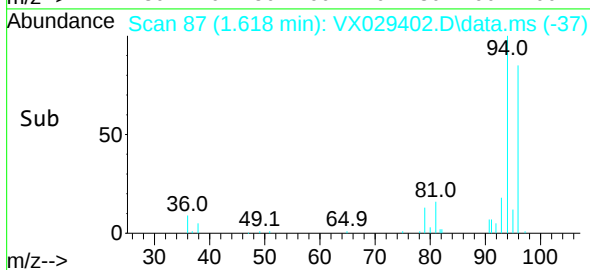
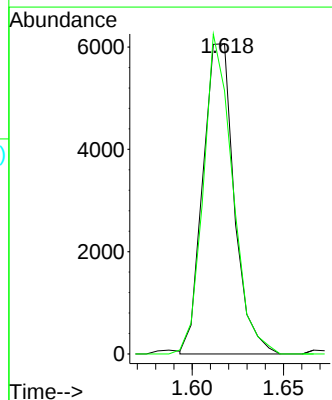
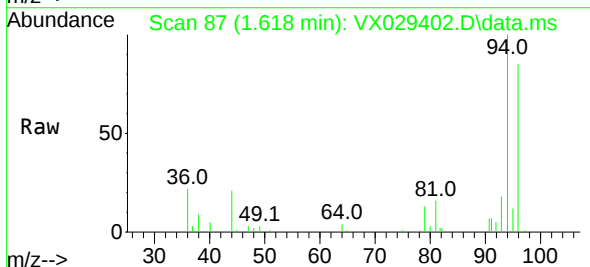
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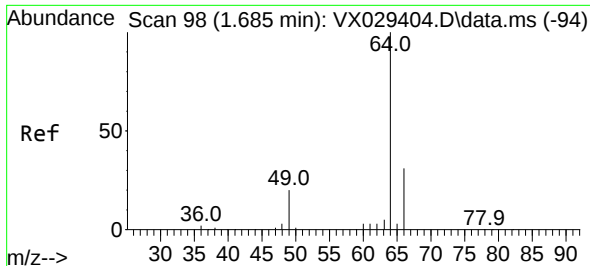
Tgt Ion: 62 Resp: 14898
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.3 43.3



#6
 Bromomethane
 Concen: 4.877 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.006 min
 Lab File: VX029402.D
 Acq: 13 Jun 2022 10:14

Tgt Ion: 94 Resp: 7223
 Ion Ratio Lower Upper
 94 100
 96 84.9 64.9 120.5

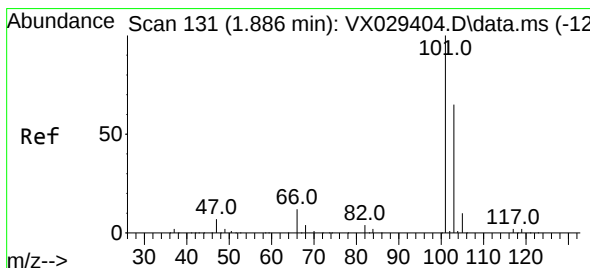
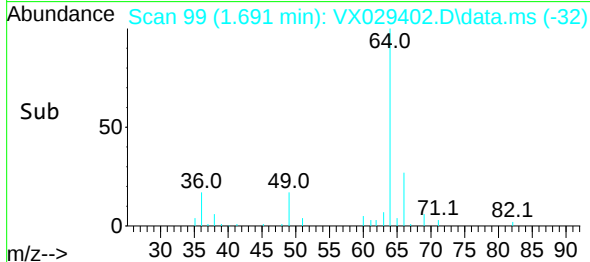
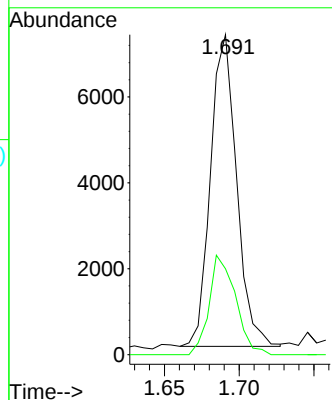
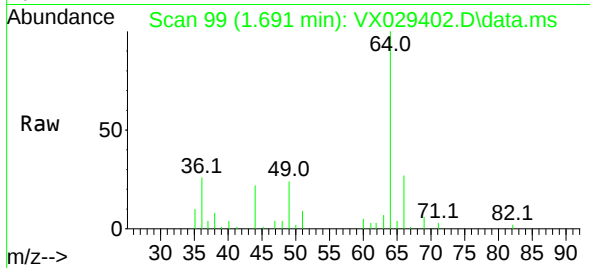




#8
Chloroethane
Concen: 4.730 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

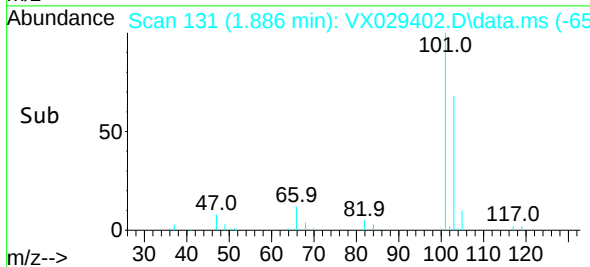
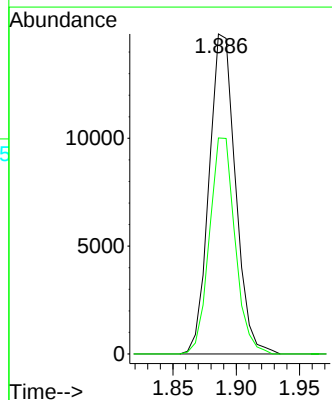
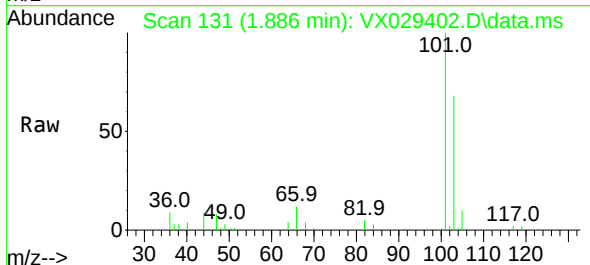
Instrument :
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ClientSampleId :
VSTD005666

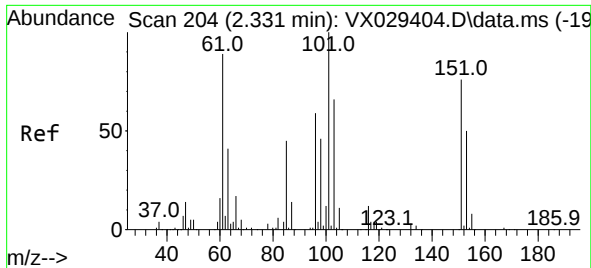
Tgt Ion: 64 Resp: 8809
Ion Ratio Lower Upper
64 100
66 26.8 24.2 45.0



#9
Trichlorofluoromethane
Concen: 4.497 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

Tgt Ion:101 Resp: 21560
Ion Ratio Lower Upper
101 100
103 65.5 51.8 77.8

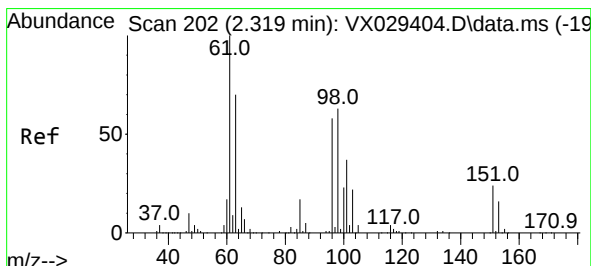
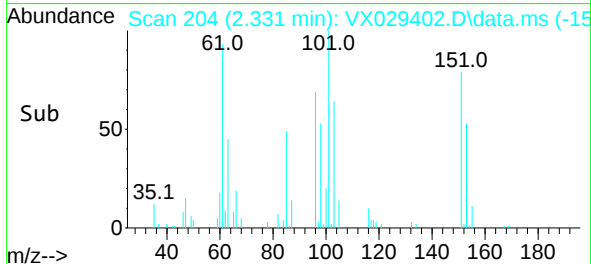
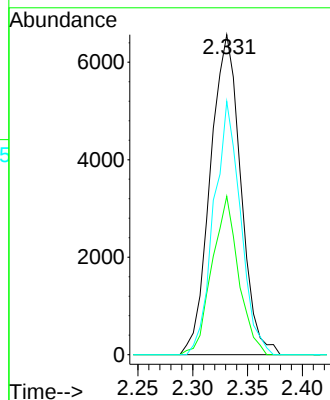
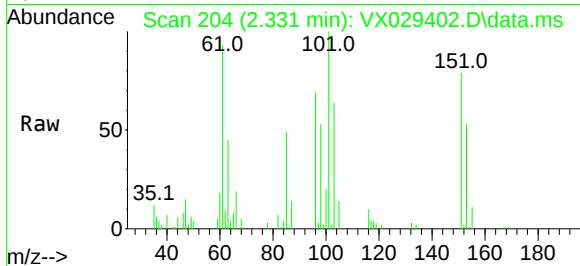




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.214 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX029402.D
 Acq: 13 Jun 2022 10:14

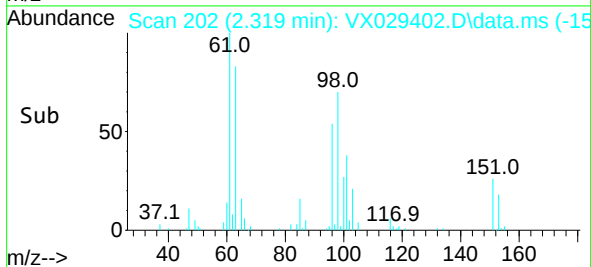
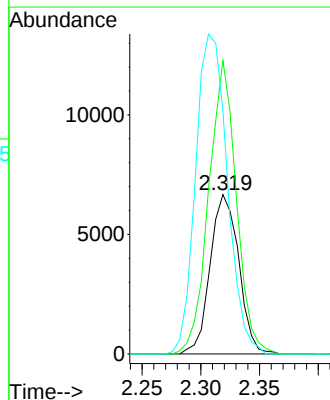
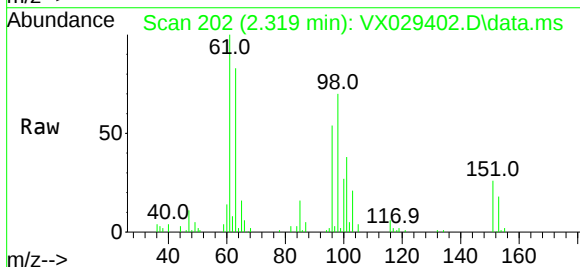
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 ClientSampleId :
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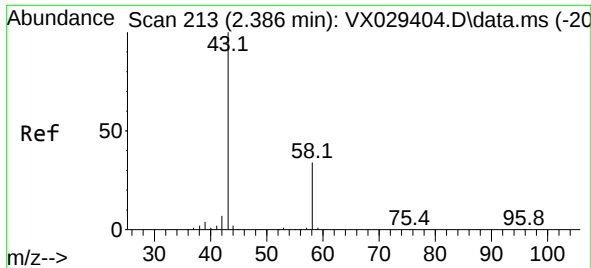
Tgt Ion:	101	Resp:	12664
Ion	Ratio	Lower	Upper
101	100		
85	43.1	33.9	50.9
151	69.6	60.7	91.1



#12
 1,1-Dichloroethene
 Concen: 4.081 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX029402.D
 Acq: 13 Jun 2022 10:14

Tgt Ion:	96	Resp:	11293
Ion	Ratio	Lower	Upper
96	100		
61	184.1	118.2	219.4
63	152.6	109.6	203.4





#13

Acetone

Concen: 7.784 ug/L

RT: 2.392 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX029402.D

Acq: 13 Jun 2022 10:14

Instrument :

MSVOA_X

ClientSampleId :

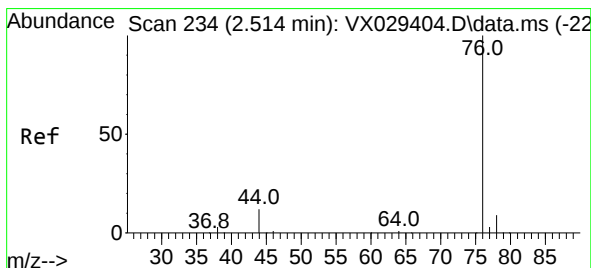
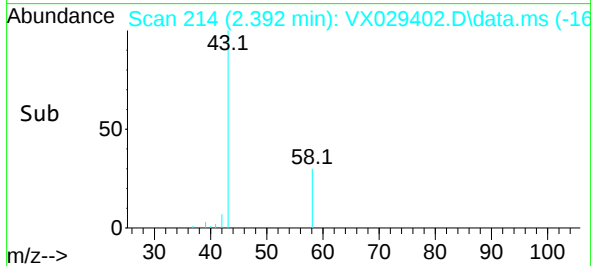
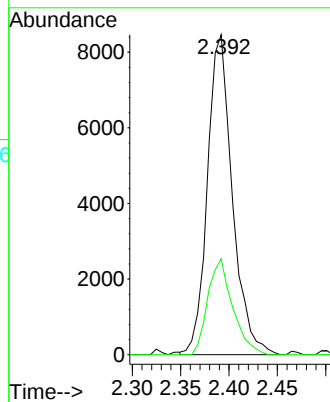
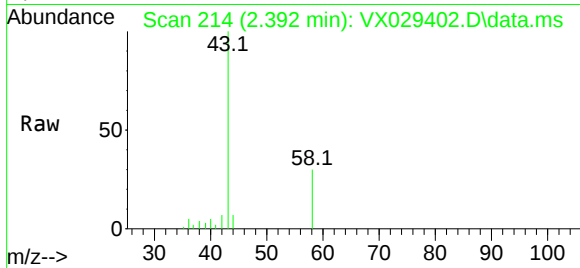
VSTD005666

Tgt Ion: 43 Resp: 15170

Ion Ratio Lower Upper

43 100

58 29.8 0.0 61.4



#14

Carbon disulfide

Concen: 3.781 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX029402.D

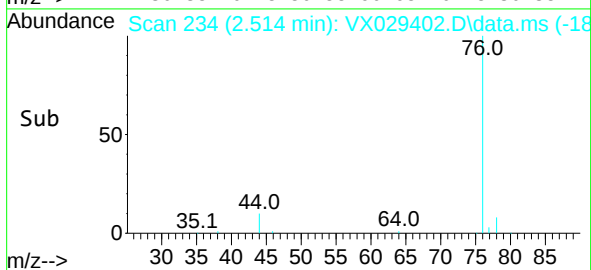
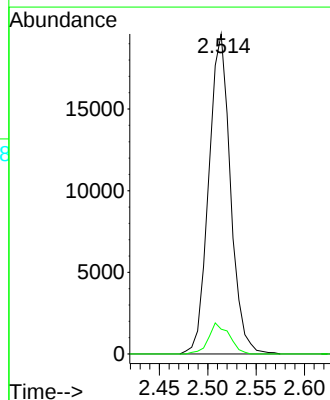
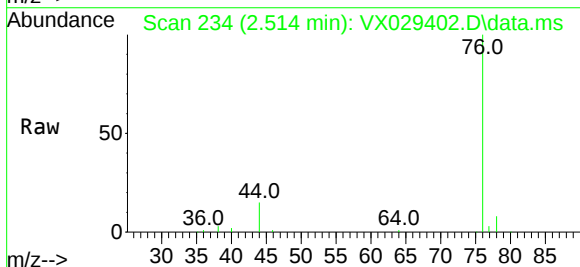
Acq: 13 Jun 2022 10:14

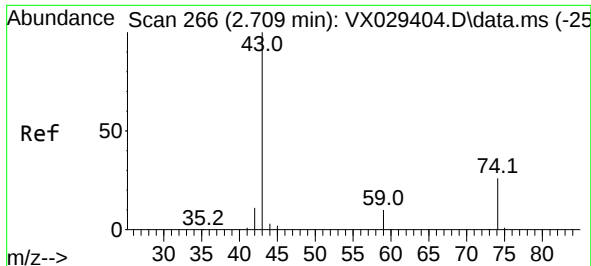
Tgt Ion: 76 Resp: 30632

Ion Ratio Lower Upper

76 100

78 7.8 7.1 10.7

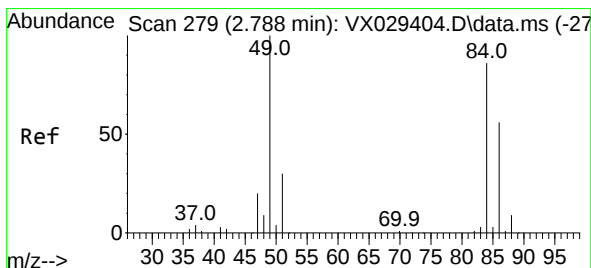
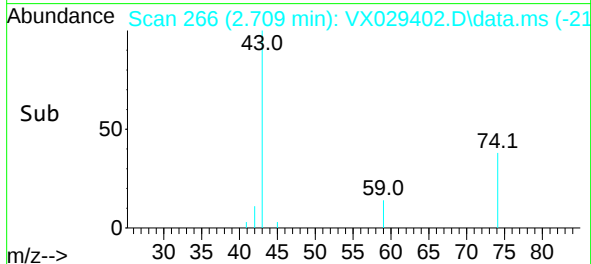
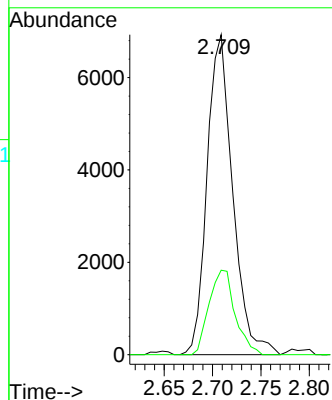
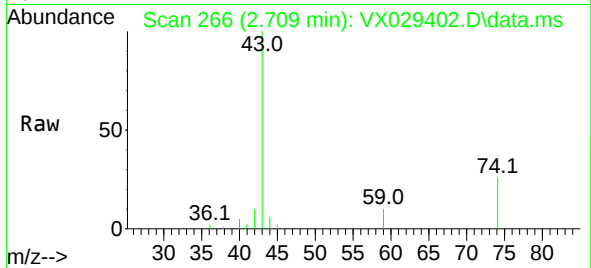




#15
Methyl Acetate
Concen: 4.041 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

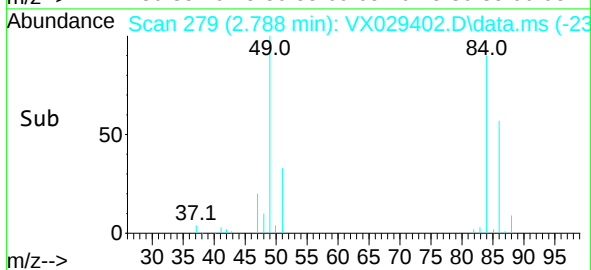
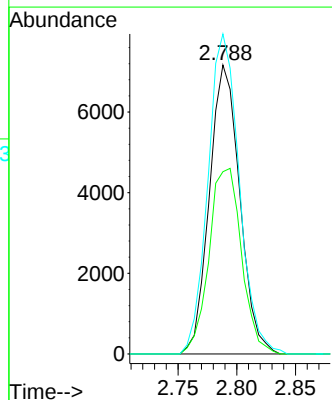
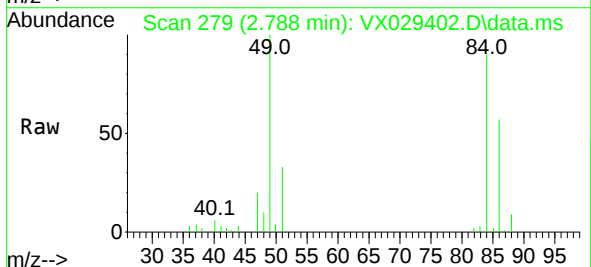
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ClientSampleId :
VSTD005666

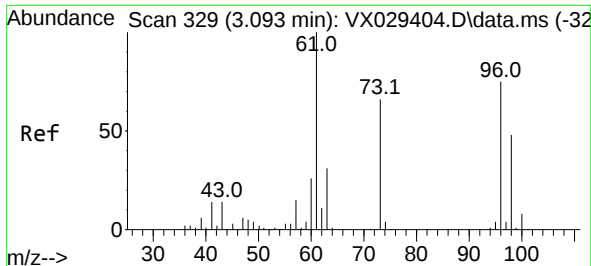
Tgt Ion: 43 Resp: 12788
Ion Ratio Lower Upper
43 100
74 26.8 18.2 27.4



#16
Methylene chloride
Concen: 4.243 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

Tgt Ion: 84 Resp: 12890
Ion Ratio Lower Upper
84 100
86 63.0 44.8 83.2
49 110.7 87.0 161.6

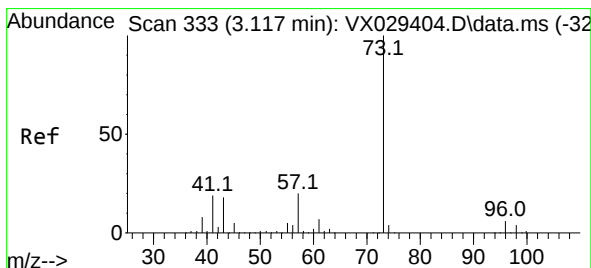
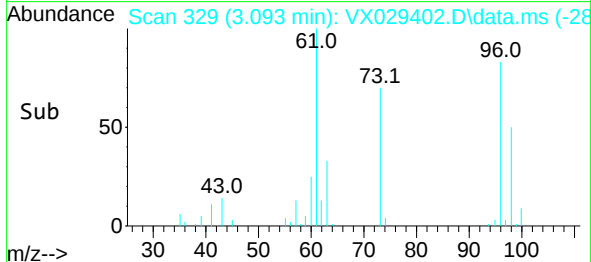
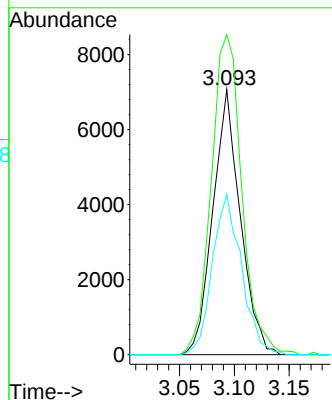
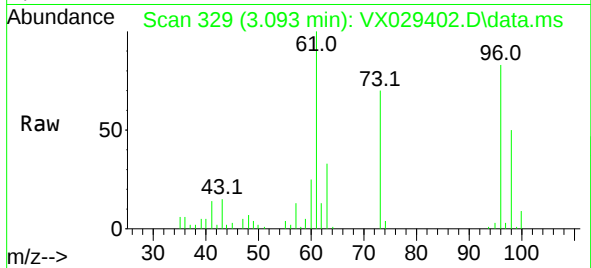




#17
trans-1,2-Dichloroethene
Concen: 4.203 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

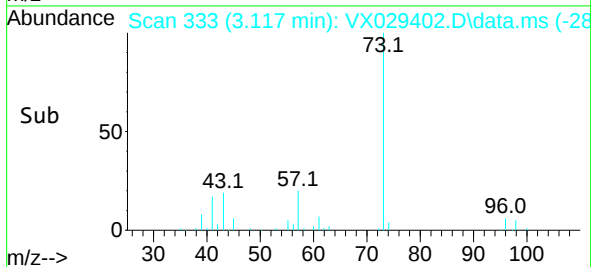
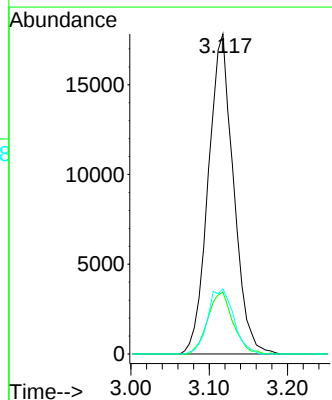
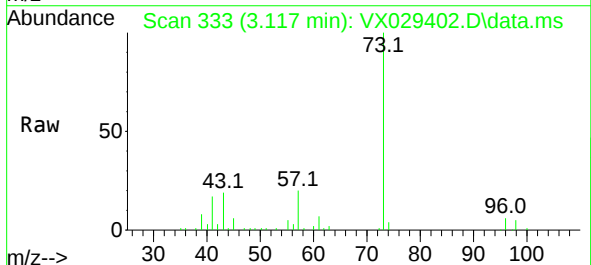
Instrument :
MSVOA_X
ClientSampleId :
VSTD005666

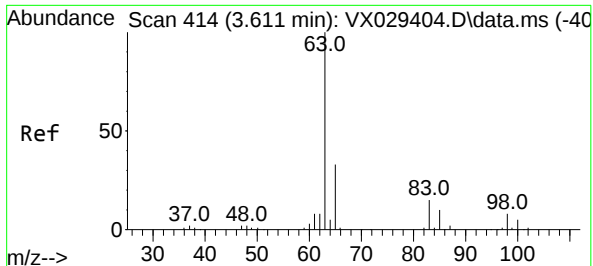
Tgt Ion: 96 Resp: 12325
Ion Ratio Lower Upper
96 100
61 120.7 93.0 172.6
98 60.5 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 4.346 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

Tgt Ion: 73 Resp: 39941
Ion Ratio Lower Upper
73 100
43 19.3 16.2 24.4
57 20.9 17.1 25.7





#19

1,1-Dichloroethane

Concen: 4.047 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX029402.D

Acq: 13 Jun 2022 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTD005666

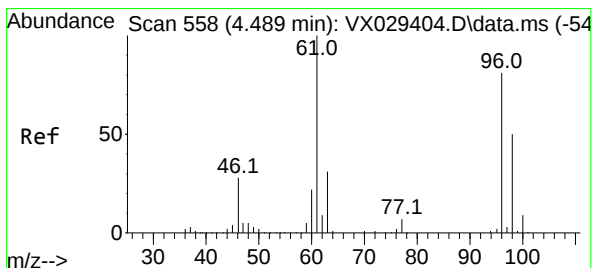
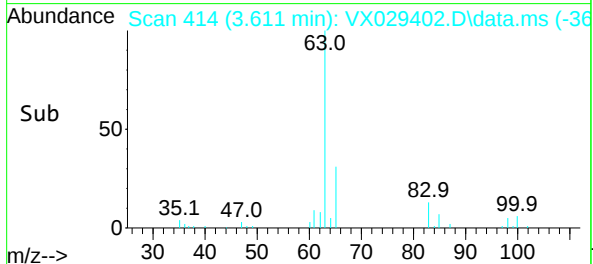
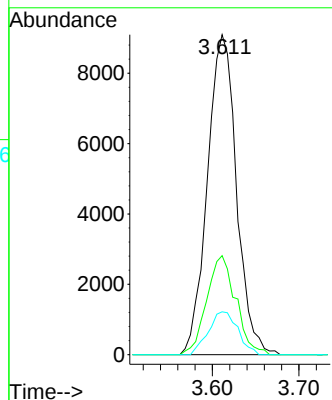
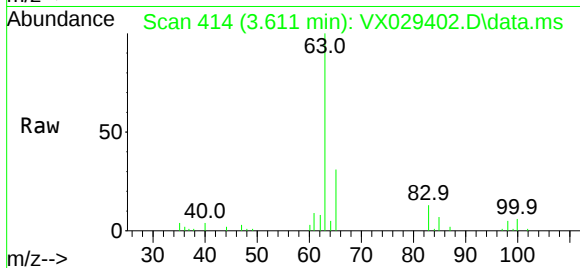
Tgt Ion: 63 Resp: 21237

Ion Ratio Lower Upper

63 100

65 30.9 22.9 42.5

83 13.4 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 4.222 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX029402.D

Acq: 13 Jun 2022 10:14

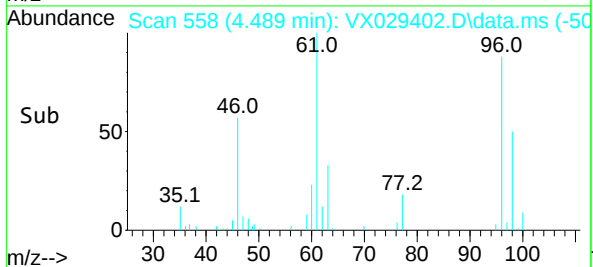
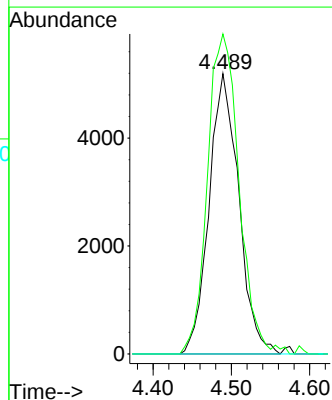
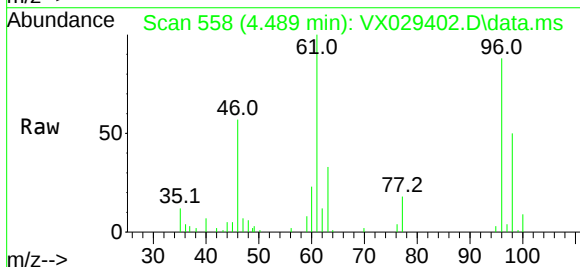
Tgt Ion: 96 Resp: 13669

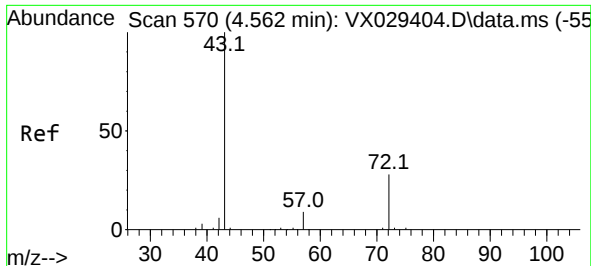
Ion Ratio Lower Upper

96 100

61 114.2 86.7 161.1

68 0.0 0.0 0.0

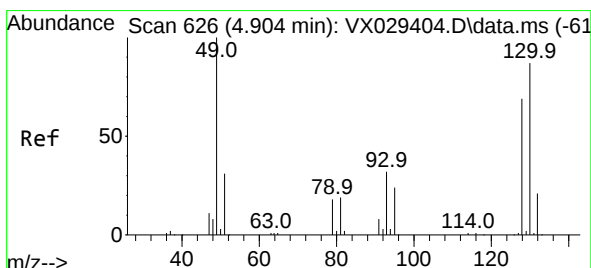
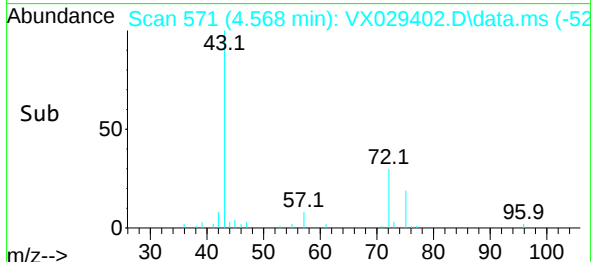
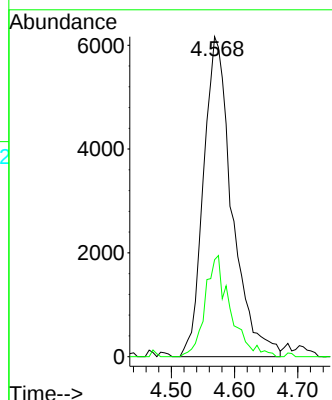
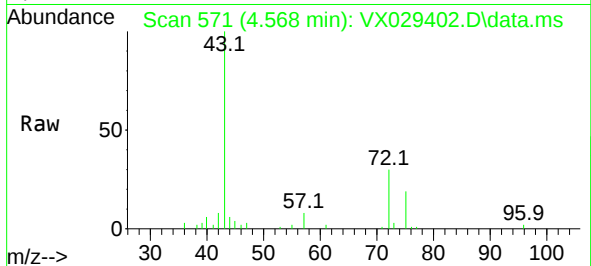




#22
2-Butanone
Concen: 7.482 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

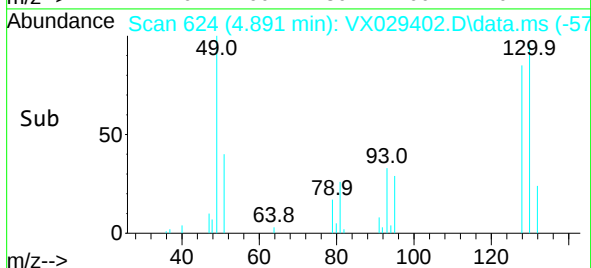
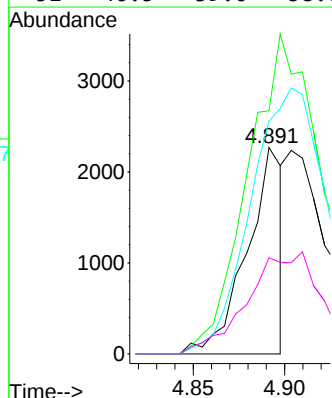
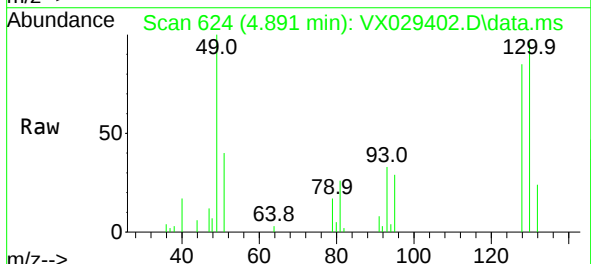
Instrument :
MSVOA_X
ClientSampleId :
VSTD005666

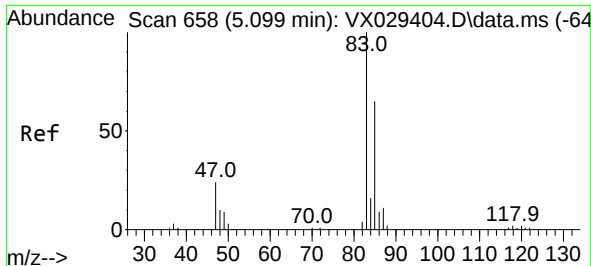
Tgt Ion: 43 Resp: 19356
Ion Ratio Lower Upper
43 100
72 24.8 13.2 39.5



#23
Bromochloromethane
Concen: 1.882 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.012 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

Tgt Ion: 128 Resp: 3100
Ion Ratio Lower Upper
128 100
49 117.8 110.2 204.6
130 112.8 88.2 163.8
51 46.5 39.0 58.6





#25

Chloroform

Concen: 4.227 ug/L

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX029402.D

Acq: 13 Jun 2022 10:14

Instrument :

MSVOA_X

ClientSampleId :

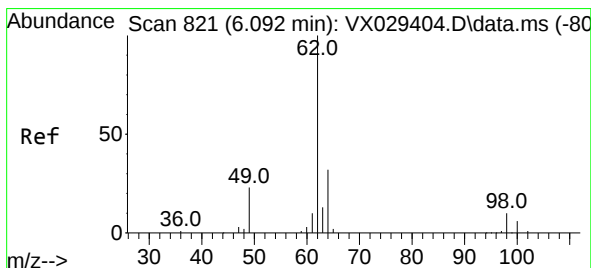
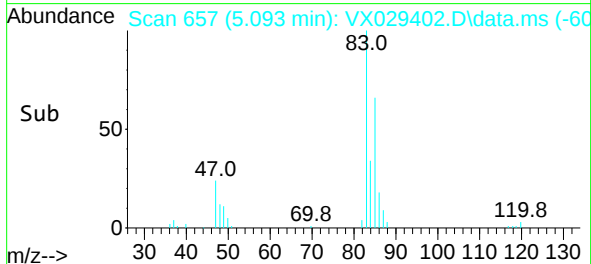
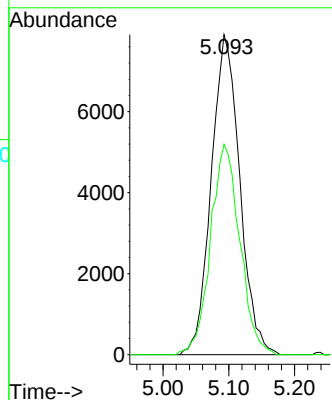
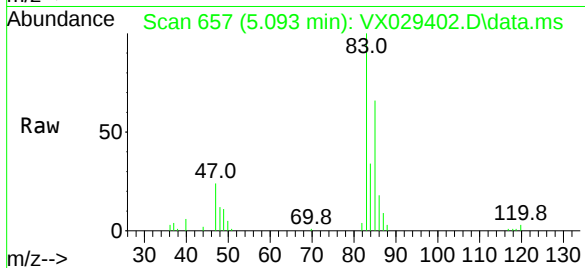
VSTD005666

Tgt Ion: 83 Resp: 23845

Ion Ratio Lower Upper

83 100

85 65.7 44.2 82.2



#27

1,2-Dichloroethane

Concen: 4.129 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.006 min

Lab File: VX029402.D

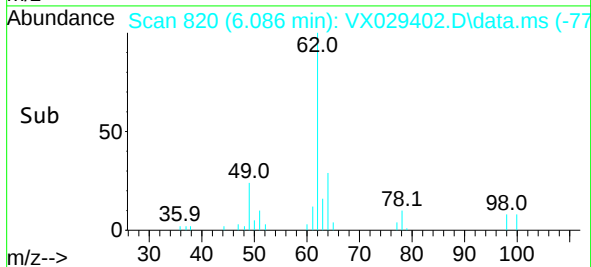
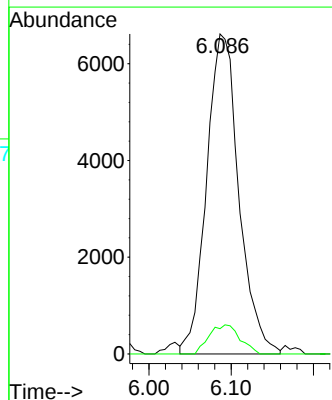
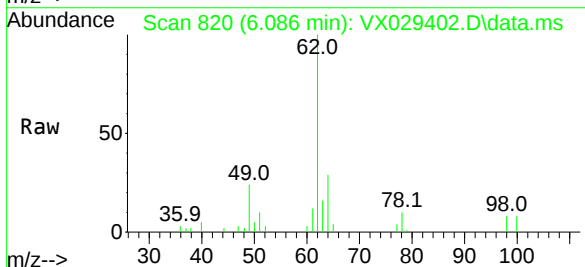
Acq: 13 Jun 2022 10:14

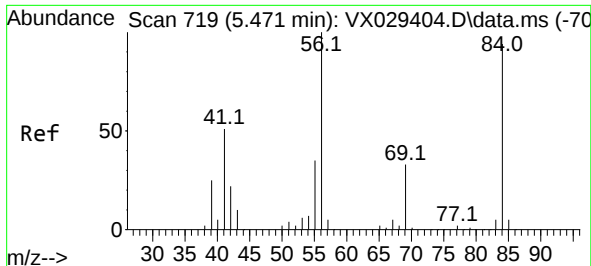
Tgt Ion: 62 Resp: 18051

Ion Ratio Lower Upper

62 100

98 7.9 8.2 12.2#

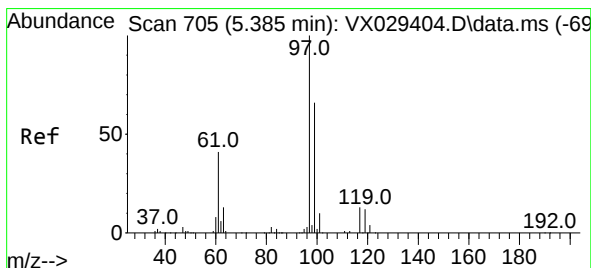
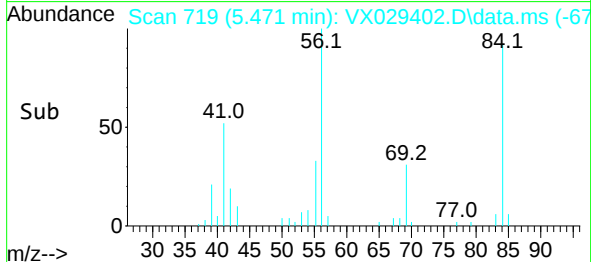
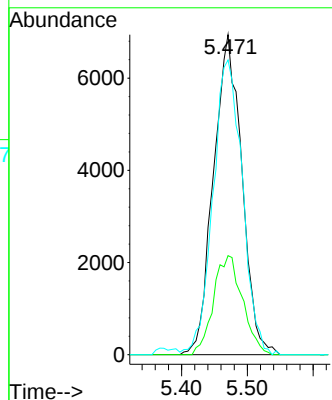
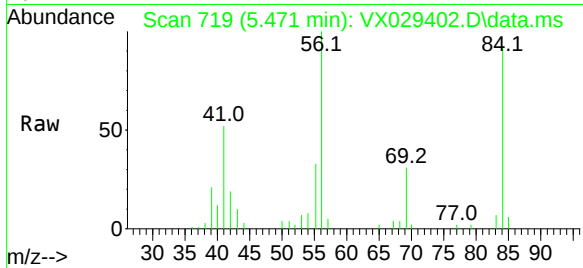




#29
Cyclohexane
Concen: 4.349 ug/L
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

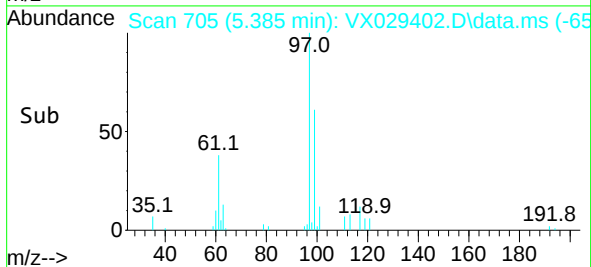
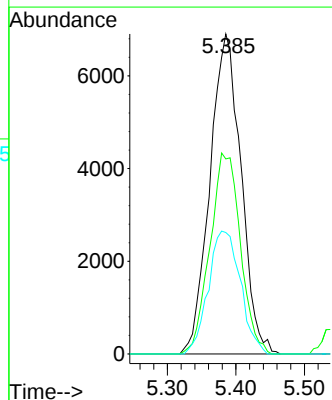
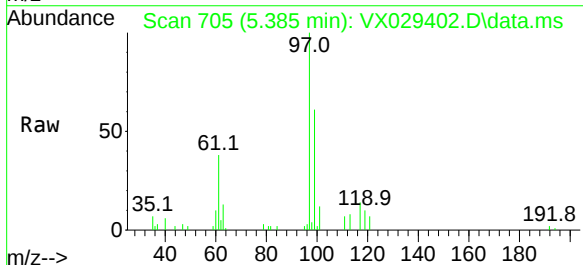
Instrument :
MSVOA_X
ClientSampleId :
VSTD005666

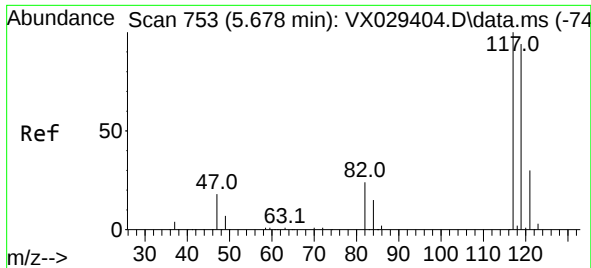
Tgt Ion:	56	Resp:	20855
Ion	Ratio	Lower	Upper
56	100		
69	31.6	24.6	36.8
84	95.2	69.8	104.8



#30
1,1,1-Trichloroethane
Concen: 4.680 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

Tgt Ion:	97	Resp:	21781
Ion	Ratio	Lower	Upper
97	100		
99	61.4	51.5	77.3
61	39.6	35.2	52.8

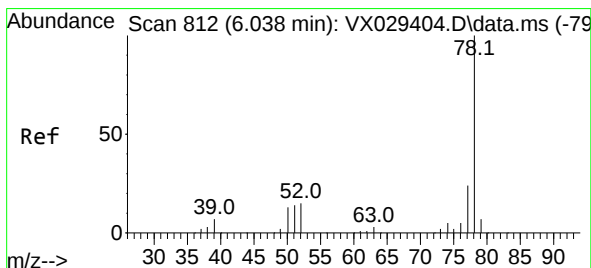
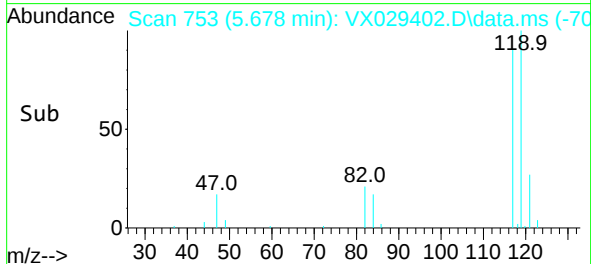
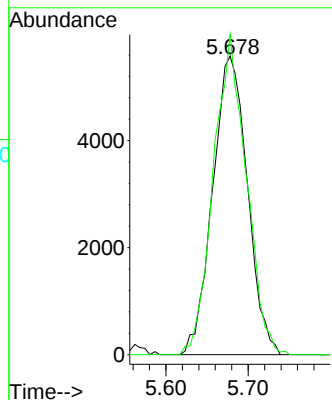
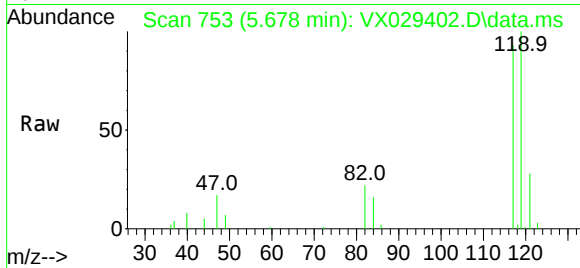




#31
Carbon tetrachloride
Concen: 4.041 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

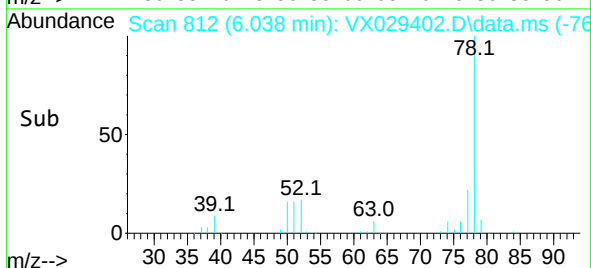
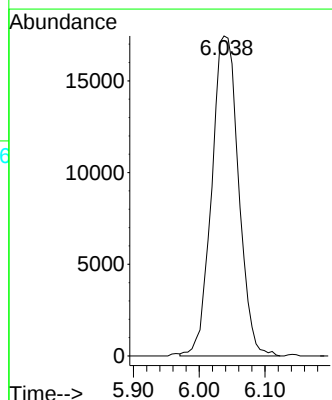
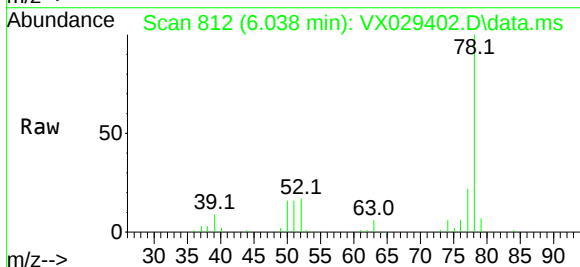
Instrument :
MSVOA_X
ClientSampleId :
VSTD005666

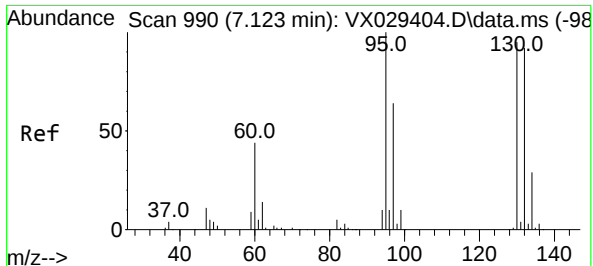
Tgt Ion:117 Resp: 16397
Ion Ratio Lower Upper
117 100
119 101.5 77.8 116.8



#33
Benzene
Concen: 4.339 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

Tgt Ion: 78 Resp: 49601



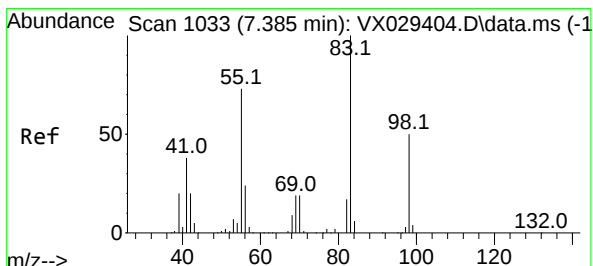
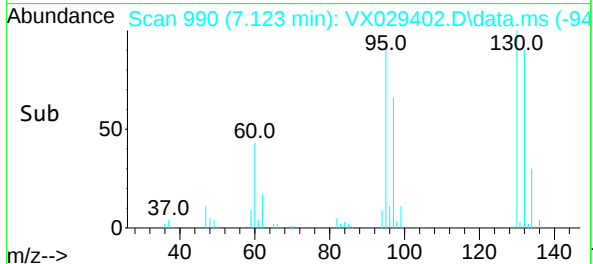
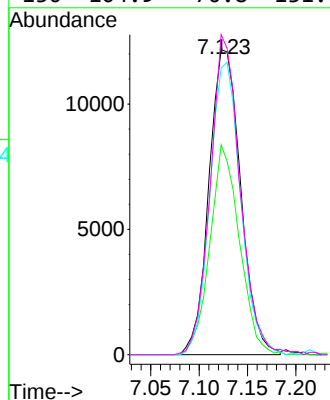
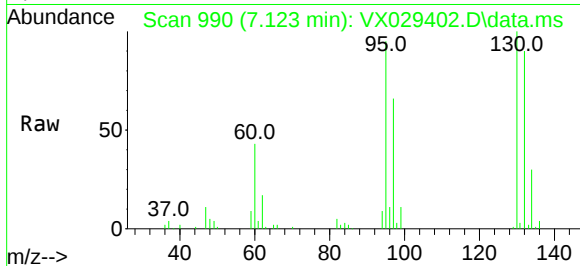


#34
Trichloroethene
Concen: 8.389 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

Instrument :
MSVOA_X
ClientSampleId :
VSTD005666

Tgt Ion: 95 Resp: 27778

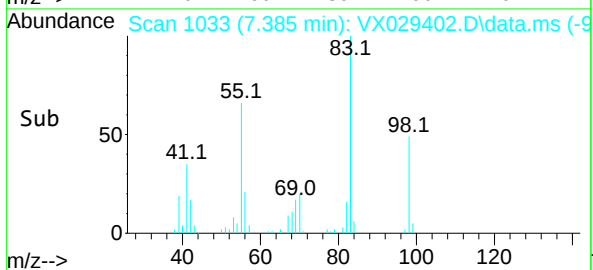
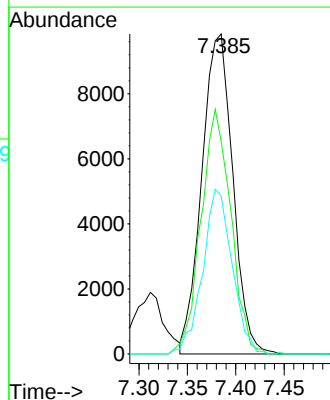
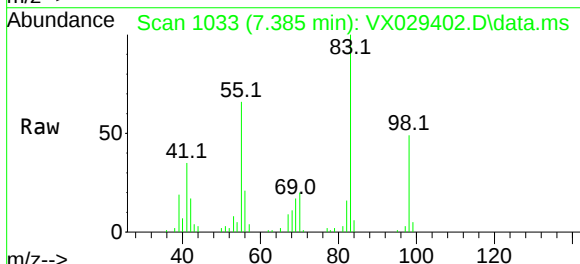
Ion	Ratio	Lower	Upper
95	100		
97	68.8	45.5	84.5
132	93.9	69.9	129.7
130	104.9	70.8	131.6

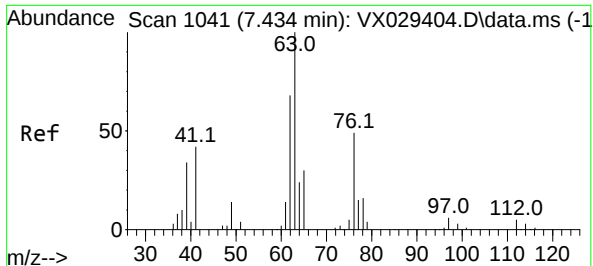


#35
Methylcyclohexane
Concen: 4.442 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

Tgt Ion: 83 Resp: 21963

Ion	Ratio	Lower	Upper
83	100		
55	73.6	60.6	90.8
98	49.0	39.8	59.8





#37

1,2-Dichloropropane

Concen: 4.056 ug/L

RT: 7.428 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VX029402.D

Acq: 13 Jun 2022 10:14

Instrument :

MSVOA_X

ClientSampleId :

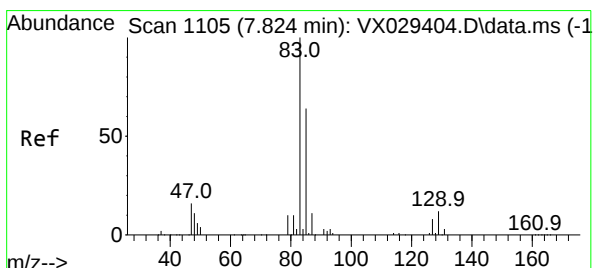
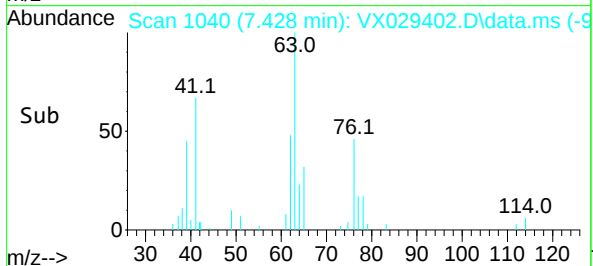
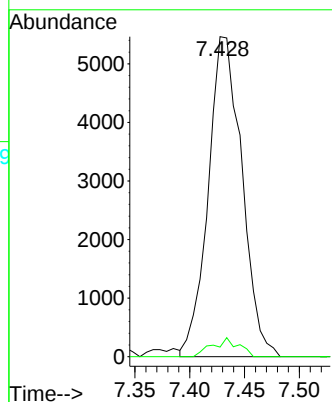
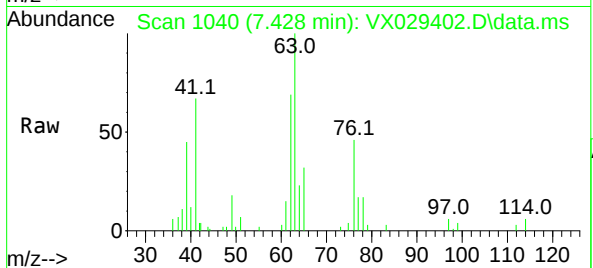
VSTD005666

Tgt Ion: 63 Resp: 11680

Ion Ratio Lower Upper

63 100

112 0.7 3.8 5.8#



#38

Bromodichloromethane

Concen: 4.285 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX029402.D

Acq: 13 Jun 2022 10:14

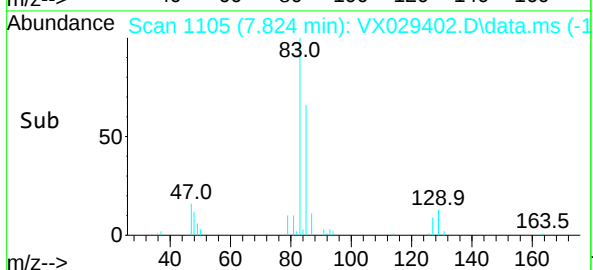
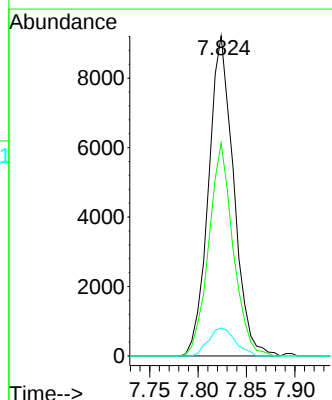
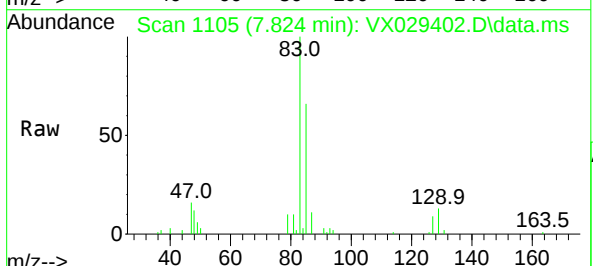
Tgt Ion: 83 Resp: 16639

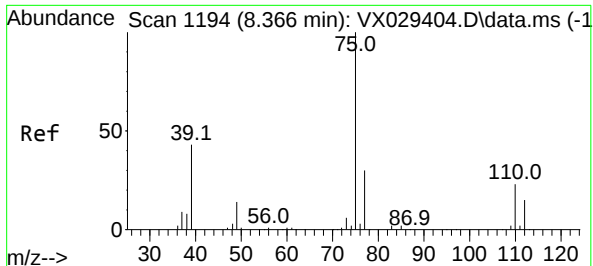
Ion Ratio Lower Upper

83 100

85 66.5 44.7 83.1

127 8.8 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.154 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX029402.D

Acq: 13 Jun 2022 10:14

Instrument :

MSVOA_X

ClientSampleId :

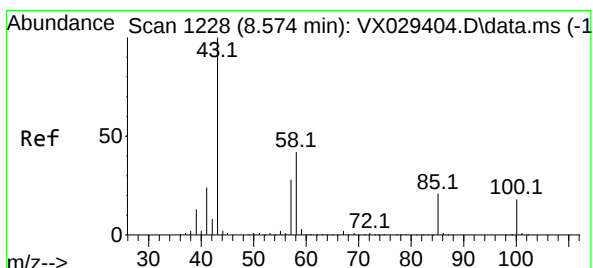
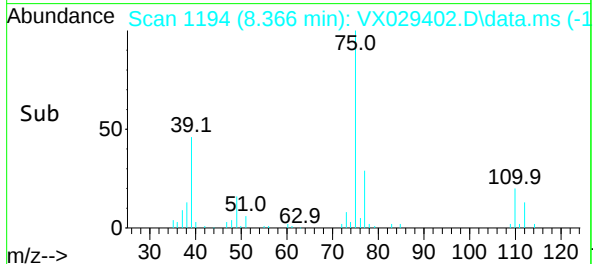
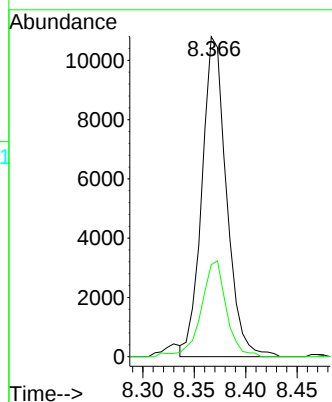
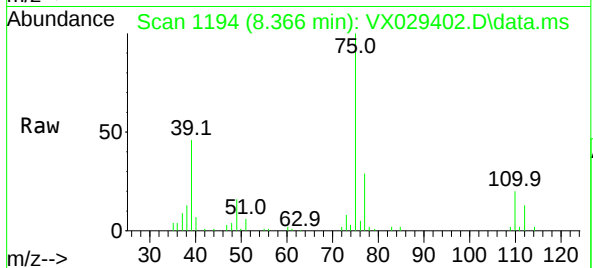
VSTD005666

Tgt Ion: 75 Resp: 18010

Ion Ratio Lower Upper

75 100

77 28.7 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 8.615 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX029402.D

Acq: 13 Jun 2022 10:14

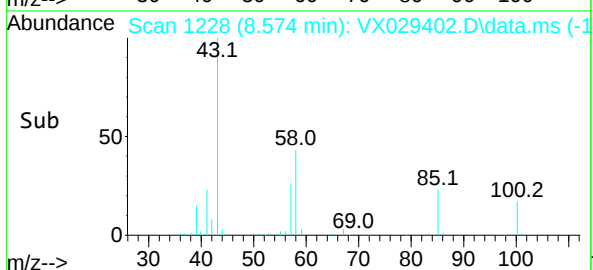
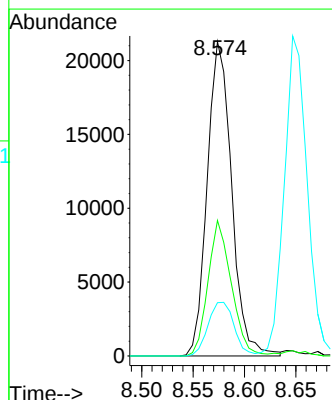
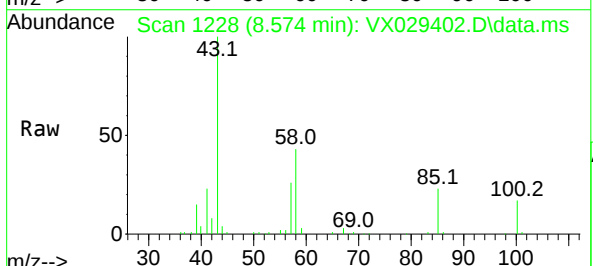
Tgt Ion: 43 Resp: 35262

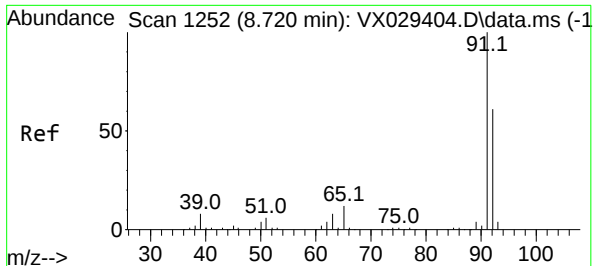
Ion Ratio Lower Upper

43 100

58 41.1 31.0 46.6

100 18.2 13.0 19.4





#42

Toluene

Concen: 4.320 ug/L

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029402.D

Acq: 13 Jun 2022 10:14

Instrument :

MSVOA_X

ClientSampleId :

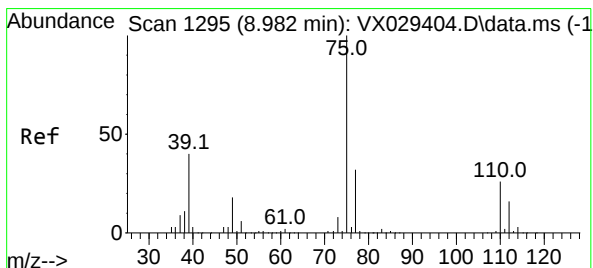
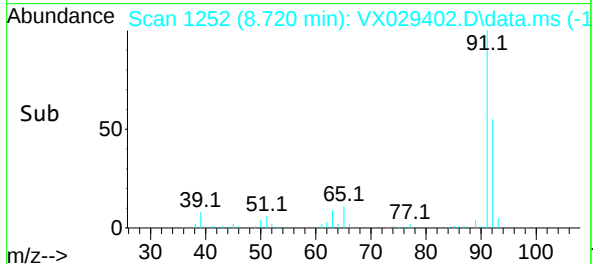
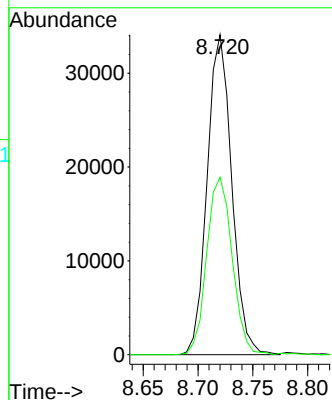
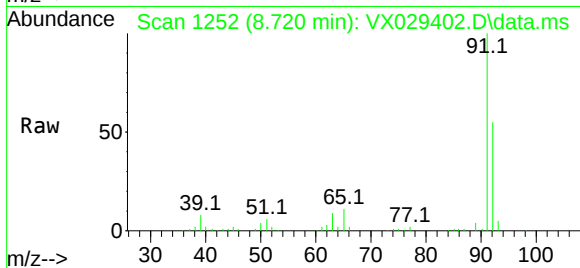
VSTD005666

Tgt Ion: 91 Resp: 53290

Ion Ratio Lower Upper

91 100

92 55.5 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 4.029 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX029402.D

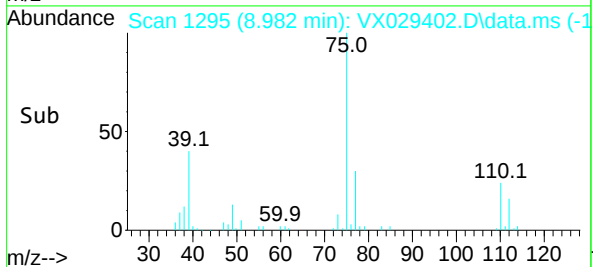
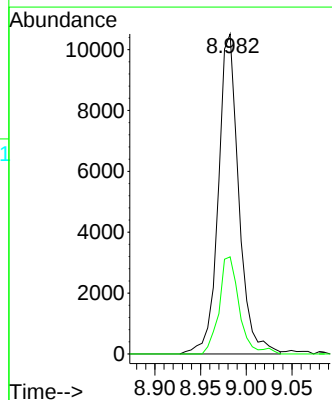
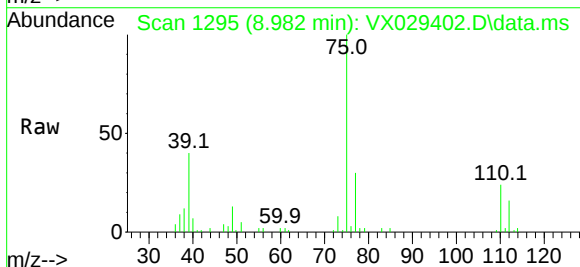
Acq: 13 Jun 2022 10:14

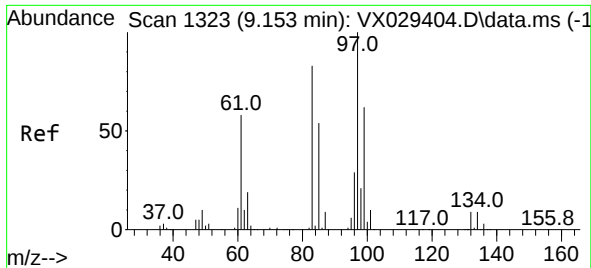
Tgt Ion: 75 Resp: 16422

Ion Ratio Lower Upper

75 100

77 30.3 22.3 41.3

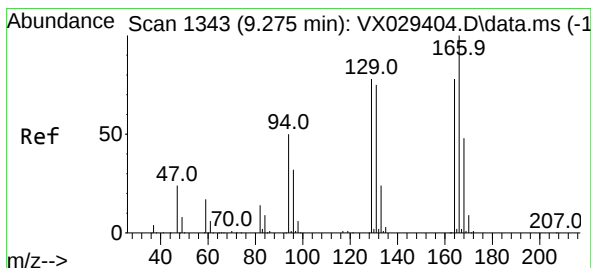
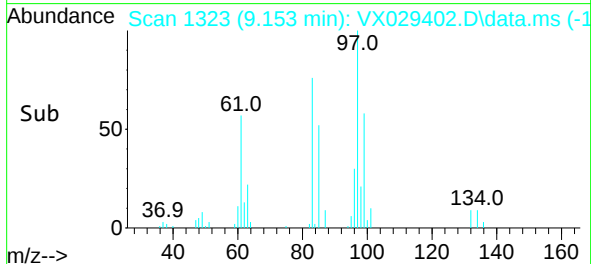
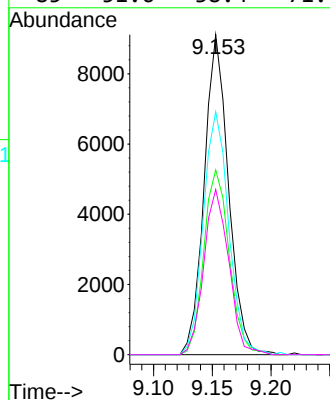
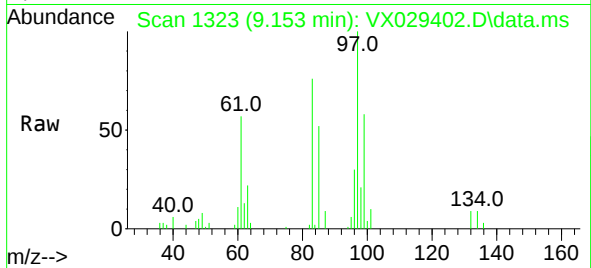




#45
1,1,2-Trichloroethane
Concen: 4.626 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

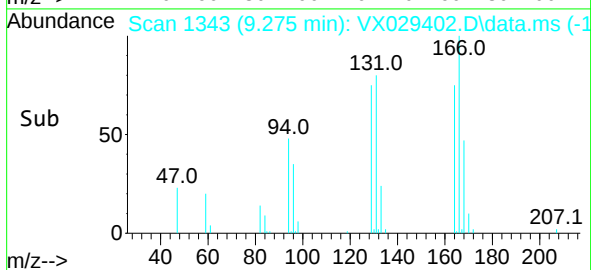
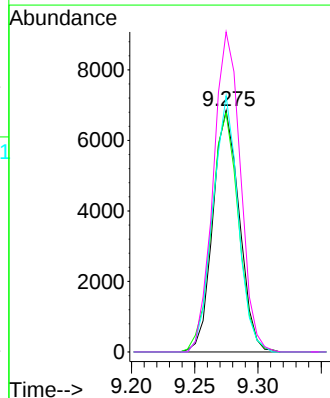
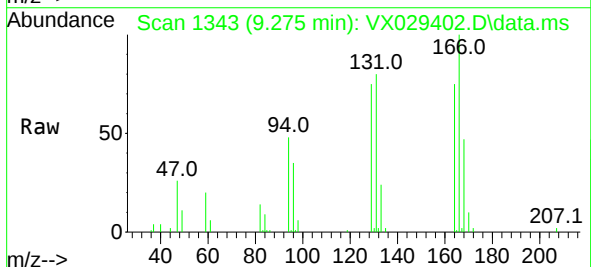
Instrument :
MSVOA_X
ClientSampleId :
VSTD005666

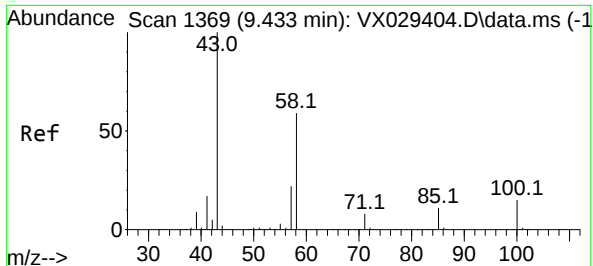
Tgt Ion: 97	Resp: 13113
Ion Ratio	Lower Upper
97 100	
99 57.7	43.3 80.5
83 75.9	57.5 106.9
85 51.6	38.4 71.4



#46
Tetrachloroethene
Concen: 4.169 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

Tgt	Ion:164	Resp:	9980
Ion	Ratio	Lower	Upper
164	100		
129	98.9	65.5	121.7
131	106.1	64.3	119.3
166	132.5	88.7	164.7





#48

2-Hexanone

Concen: 8.326 ug/L

RT: 9.433 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029402.D

Acq: 13 Jun 2022 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTD005666

Tgt Ion: 43 Resp: 27355

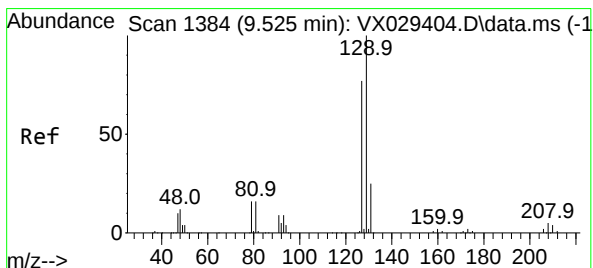
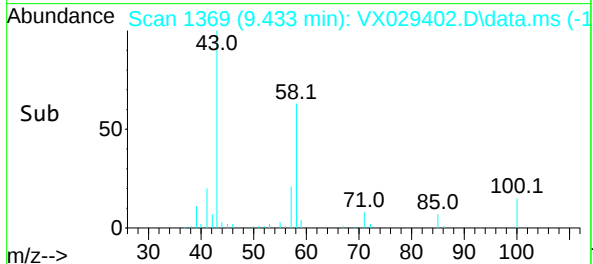
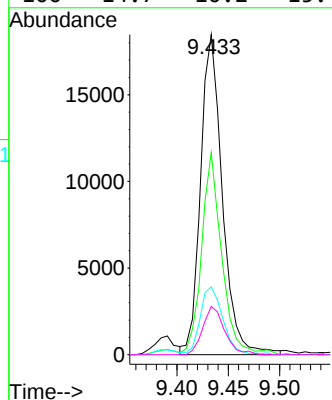
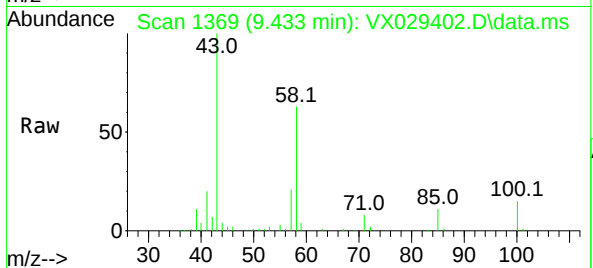
Ion Ratio Lower Upper

43 100

58 57.5 42.9 64.3

57 21.8 15.3 22.9

100 14.7 10.2 15.4



#49

Dibromochloromethane

Concen: 4.128 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX029402.D

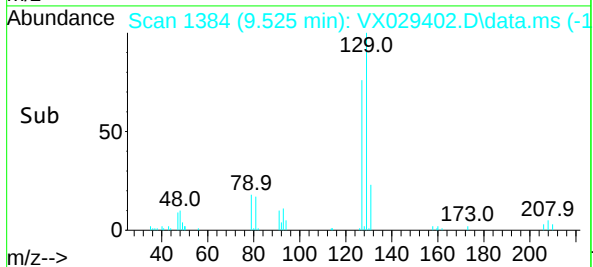
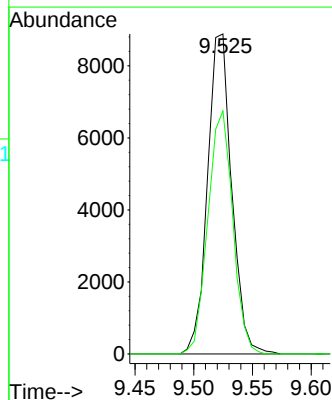
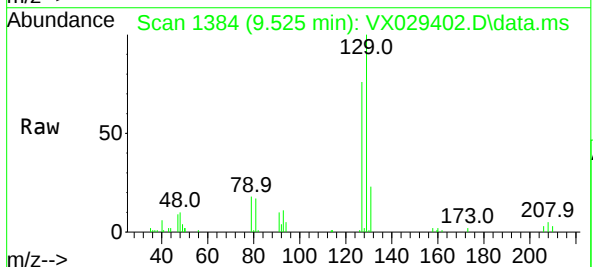
Acq: 13 Jun 2022 10:14

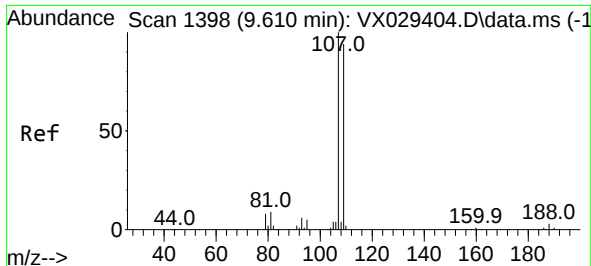
Tgt Ion: 129 Resp: 12723

Ion Ratio Lower Upper

129 100

127 75.9 54.3 100.9





#50

1,2-Dibromoethane

Concen: 4.447 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX029402.D

Acq: 13 Jun 2022 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTD005666

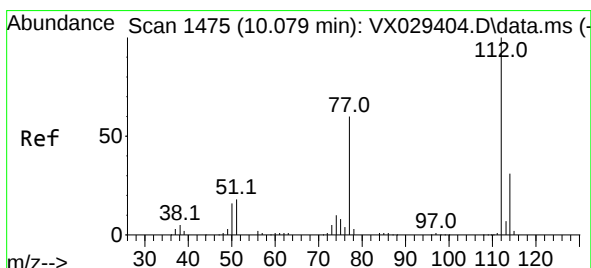
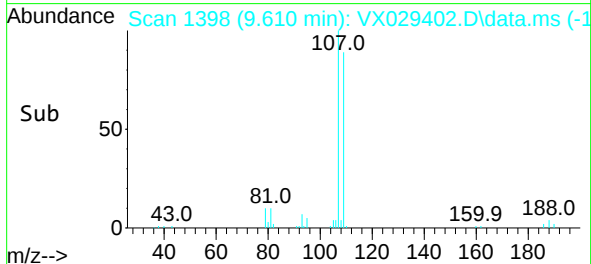
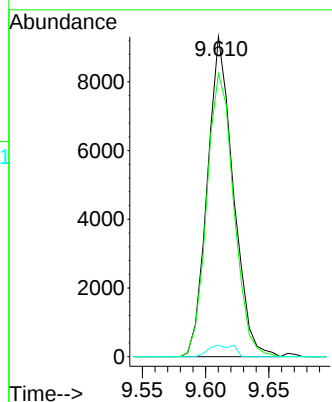
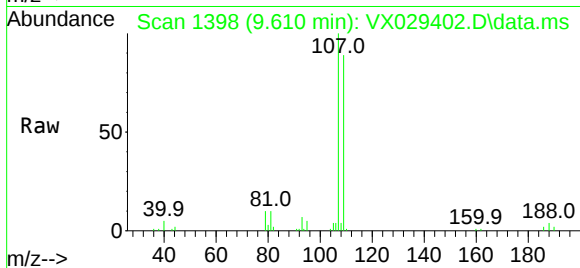
Tgt Ion:107 Resp: 13310

Ion Ratio Lower Upper

107 100

109 88.5 64.9 120.5

188 3.6 2.7 4.1



#51

Chlorobenzene

Concen: 4.185 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX029402.D

Acq: 13 Jun 2022 10:14

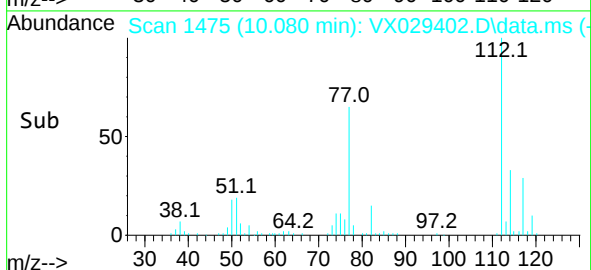
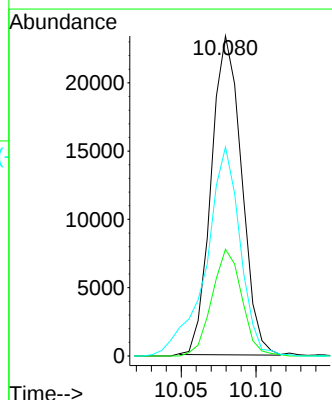
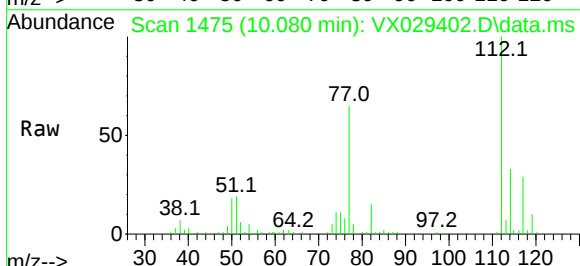
Tgt Ion:112 Resp: 32880

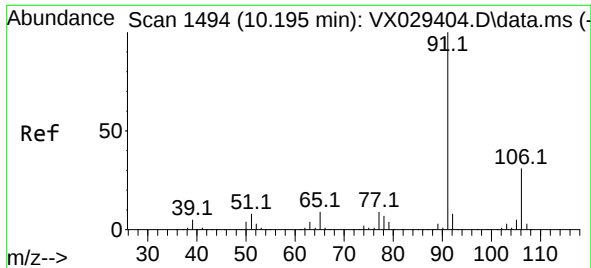
Ion Ratio Lower Upper

112 100

114 33.3 22.2 41.2

77 65.3 45.9 68.9

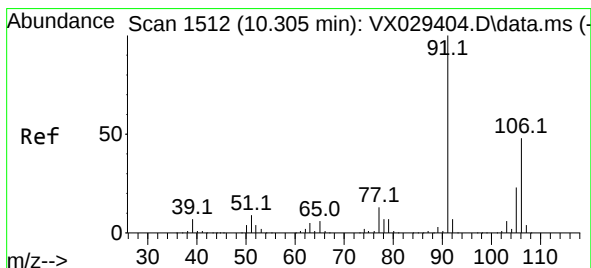
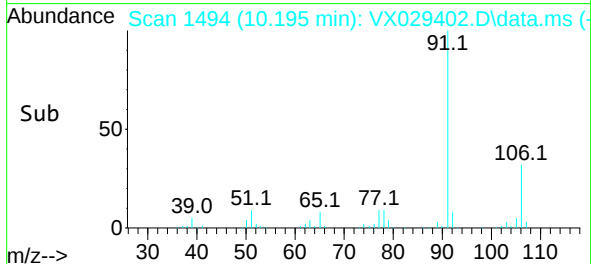
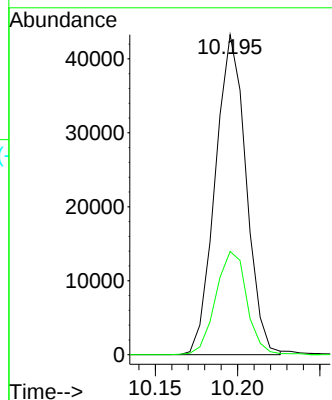
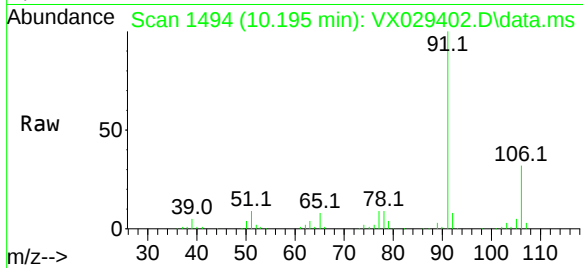




#52
Ethylbenzene
Concen: 4.224 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

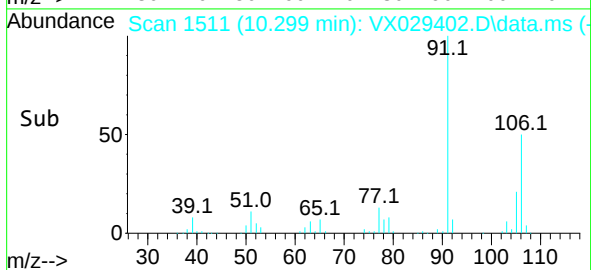
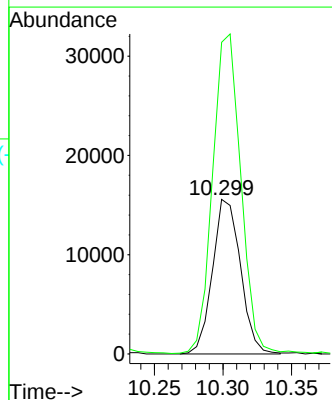
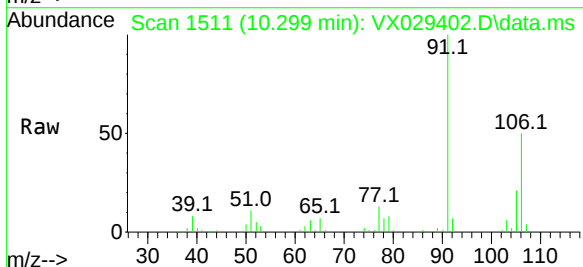
Instrument :
MSVOA_X
ClientSampleId :
VSTD005666

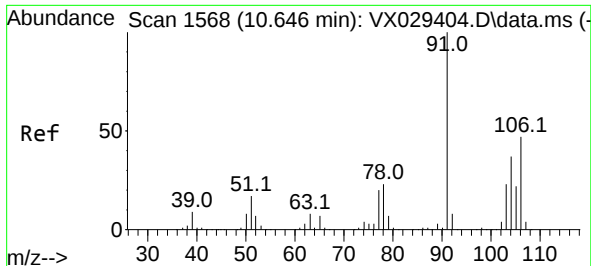
Tgt Ion: 91 Resp: 56325
Ion Ratio Lower Upper
91 100
106 32.3 21.7 40.3



#53
m,p-Xylene
Concen: 4.216 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

Tgt Ion: 106 Resp: 22120
Ion Ratio Lower Upper
106 100
91 201.8 145.7 270.5

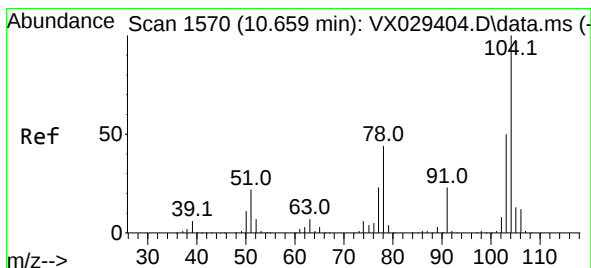
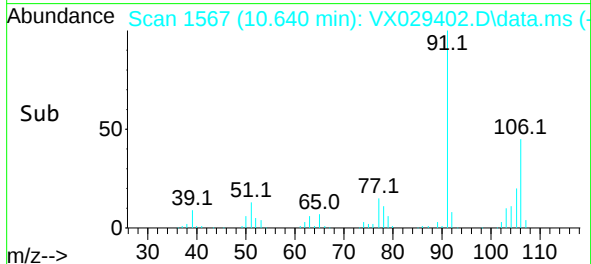
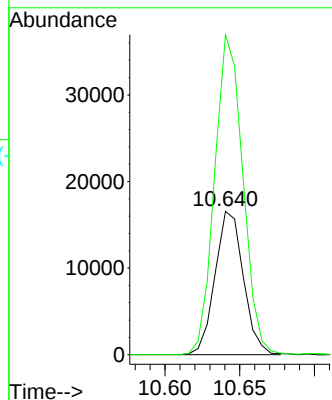
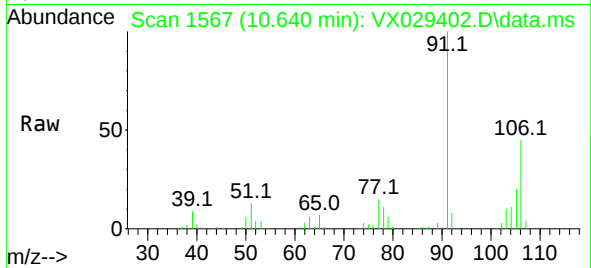




#54
o-Xylene
Concen: 4.317 ug/L
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

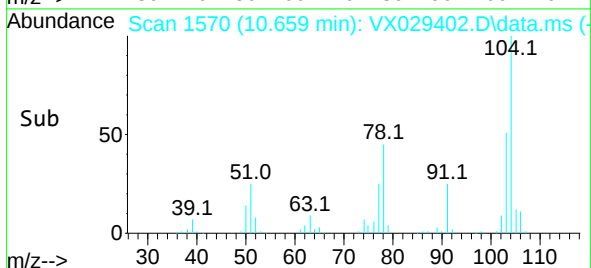
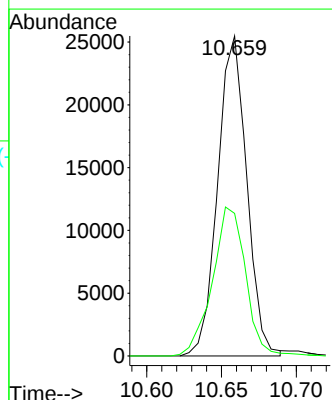
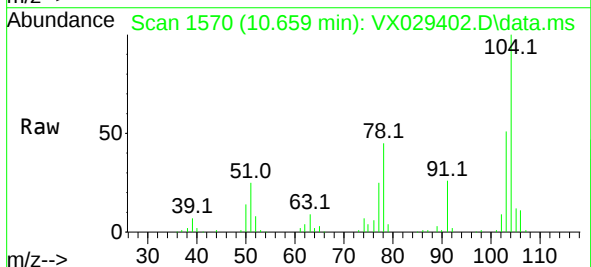
Instrument :
MSVOA_X
ClientSampleId :
VSTD005666

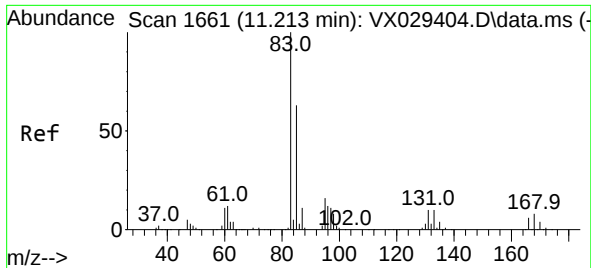
Tgt Ion:106 Resp: 21817
Ion Ratio Lower Upper
106 100
91 223.1 151.2 280.8



#55
Styrene
Concen: 4.021 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

Tgt Ion:104 Resp: 34426
Ion Ratio Lower Upper
104 100
78 44.6 33.3 61.9

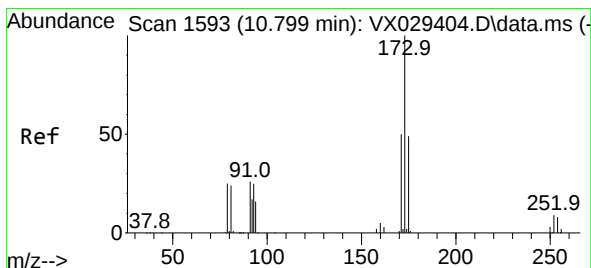
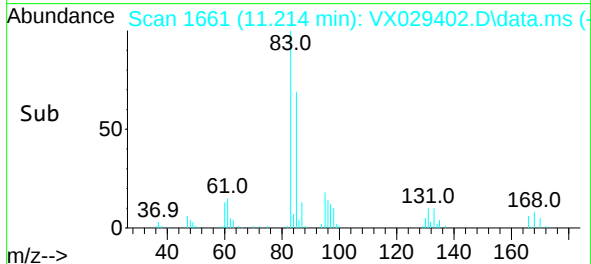
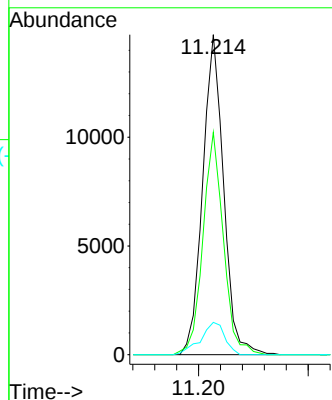
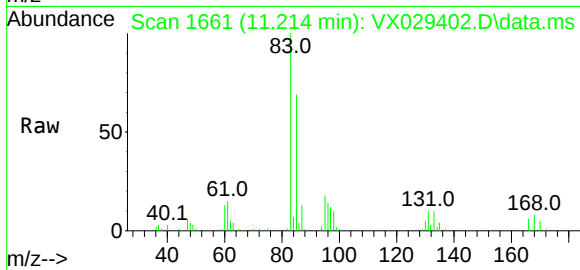




#57
1,1,2-Tetrachloroethane
Concen: 4.965 ug/L
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

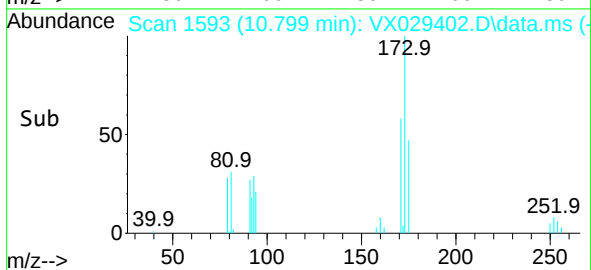
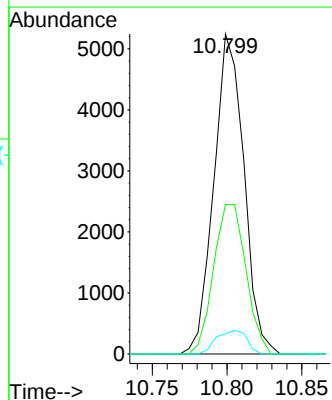
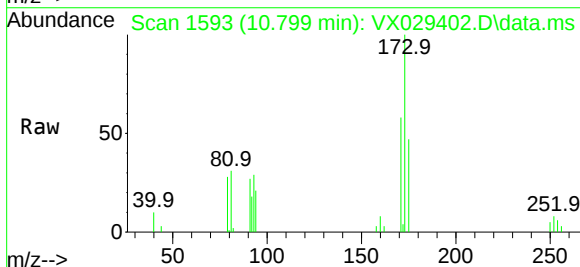
Instrument :
MSVOA_X
ClientSampleId :
VSTD005666

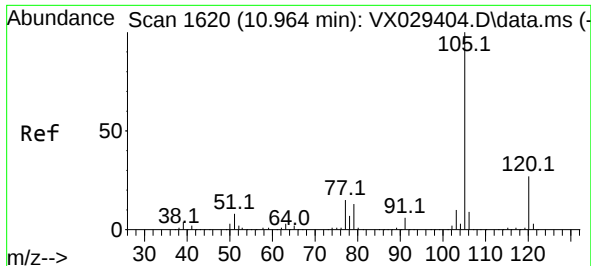
Tgt Ion: 83 Resp: 19485
Ion Ratio Lower Upper
83 100
85 69.4 45.8 85.2
131 10.1 8.5 12.7



#59
Bromoform
Concen: 3.710 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

Tgt Ion: 173 Resp: 7311
Ion Ratio Lower Upper
173 100
175 50.3 38.9 58.3
254 7.5 7.0 10.6

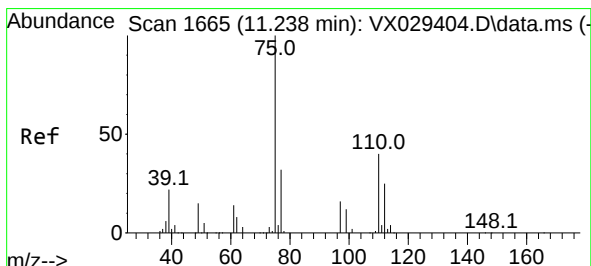
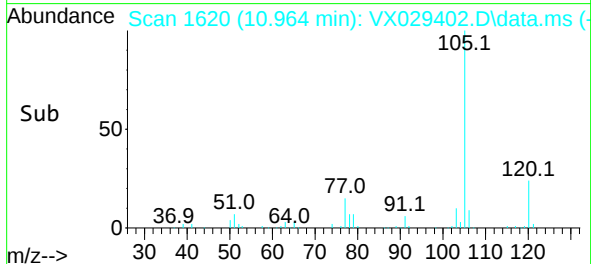
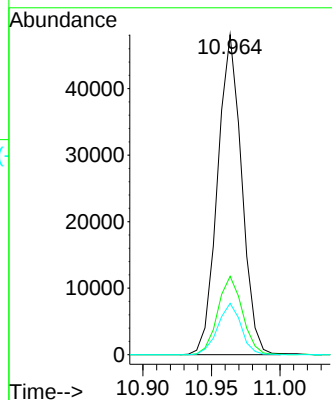
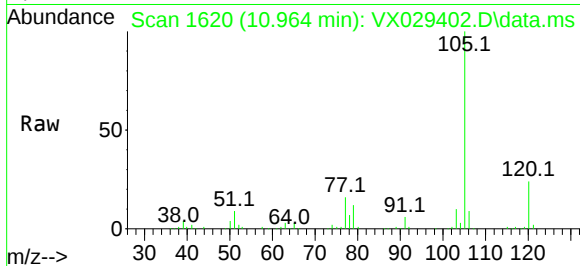




#60
Isopropylbenzene
Concen: 4.649 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

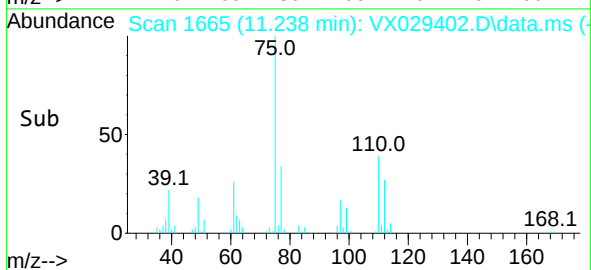
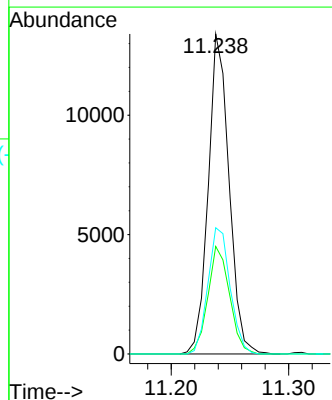
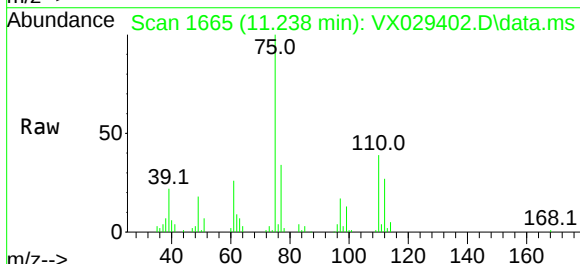
Instrument :
MSVOA_X
ClientSampleId :
VSTD005666

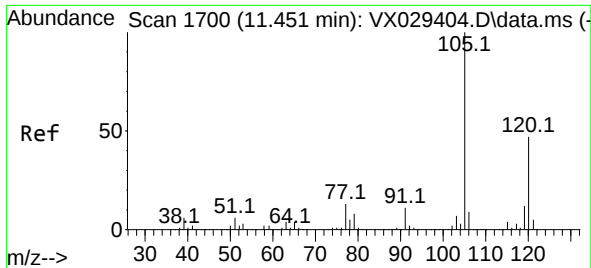
Tgt Ion:105 Resp: 58856
Ion Ratio Lower Upper
105 100
120 25.0 21.2 31.8
77 15.4 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.925 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

Tgt Ion: 75 Resp: 16462
Ion Ratio Lower Upper
75 100
77 35.1 25.8 38.6
110 42.2 33.4 50.0





#62

1,3,5-Trimethylbenzene

Concen: 5.281 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX029402.D

Acq: 13 Jun 2022 10:14

Instrument :

MSVOA_X

ClientSampleId :

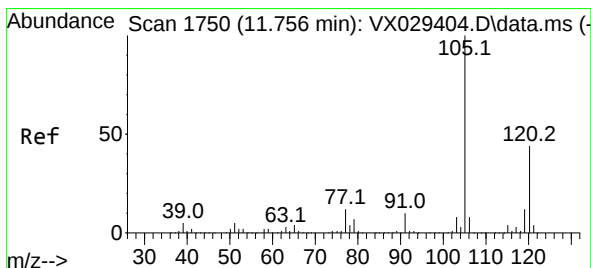
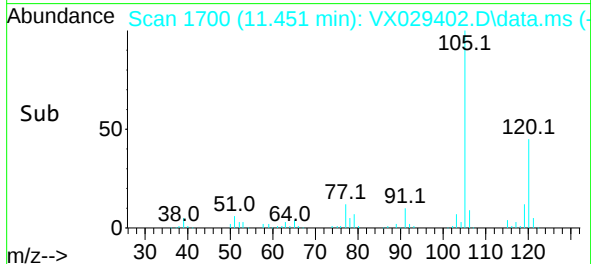
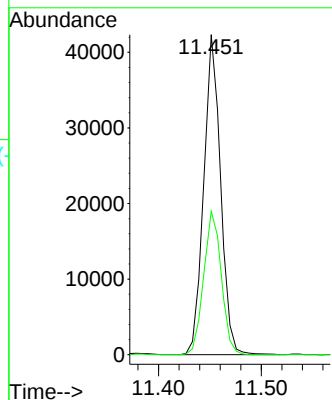
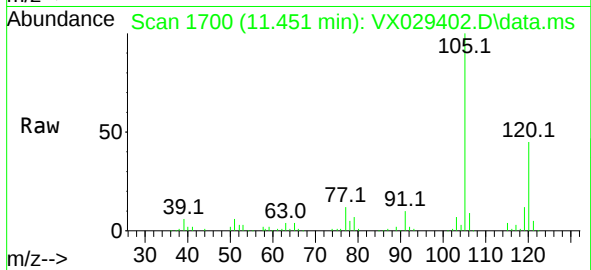
VSTD005666

Tgt Ion:105 Resp: 48415

Ion Ratio Lower Upper

105 100

120 46.8 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 4.551 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX029402.D

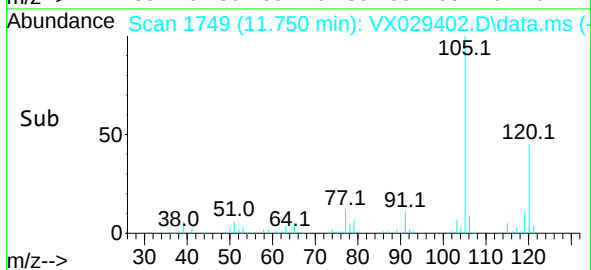
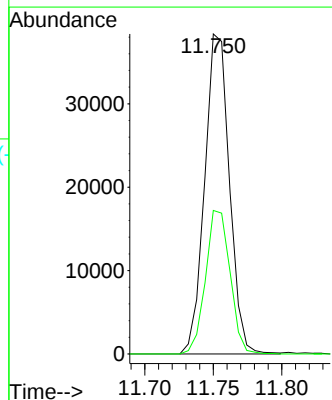
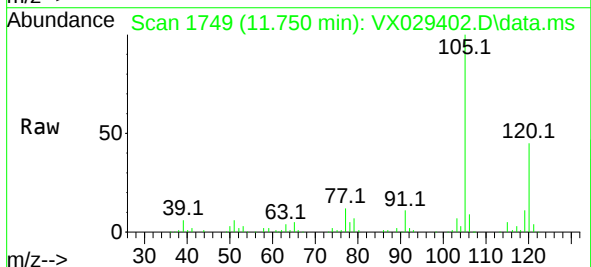
Acq: 13 Jun 2022 10:14

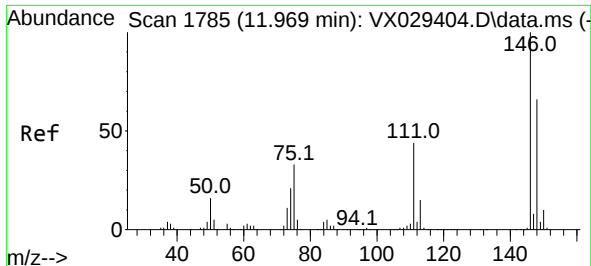
Tgt Ion:105 Resp: 48264

Ion Ratio Lower Upper

105 100

120 44.4 36.1 54.1

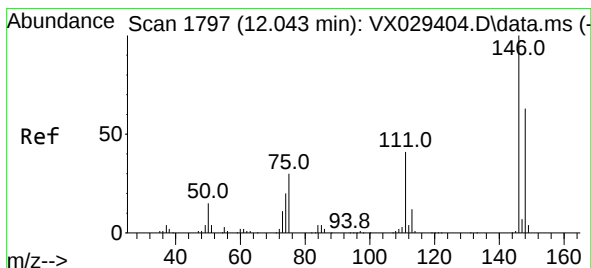
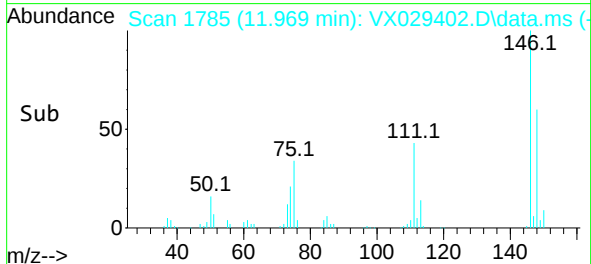
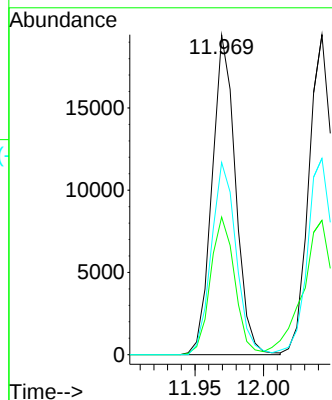
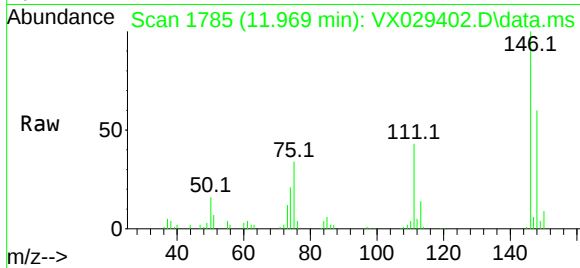




#64
1,3-Dichlorobenzene
Concen: 4.179 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

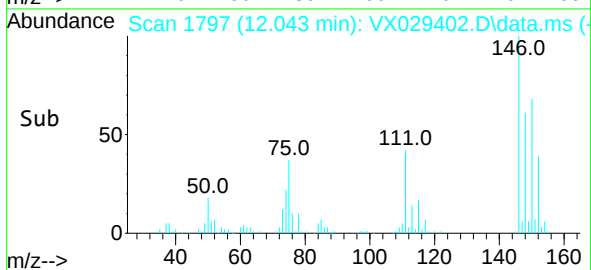
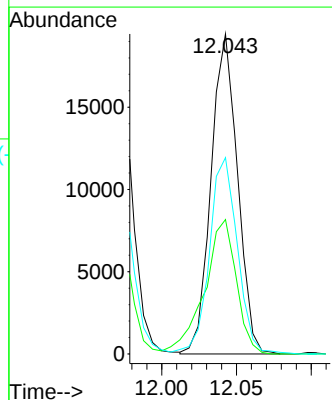
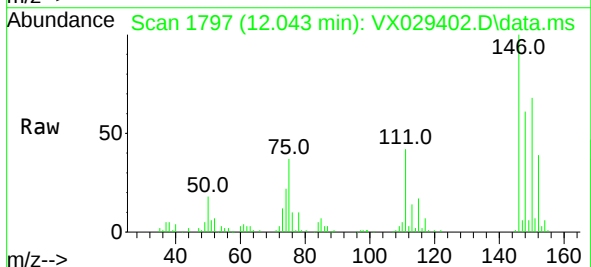
Instrument :
MSVOA_X
ClientSampleId :
VSTD005666

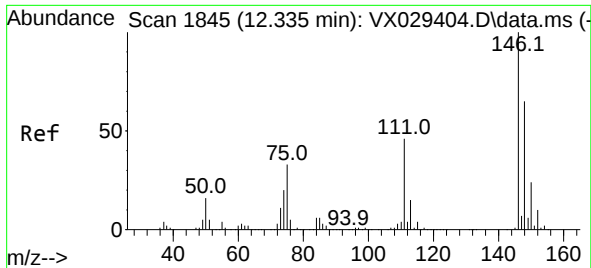
Tgt Ion:146 Resp: 23143
Ion Ratio Lower Upper
146 100
111 43.0 28.3 52.7
148 60.1 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 4.301 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX029402.D
Acq: 13 Jun 2022 10:14

Tgt Ion:146 Resp: 23965
Ion Ratio Lower Upper
146 100
111 42.0 26.5 49.3
148 61.3 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 4.491 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX029402.D

Acq: 13 Jun 2022 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTD005666

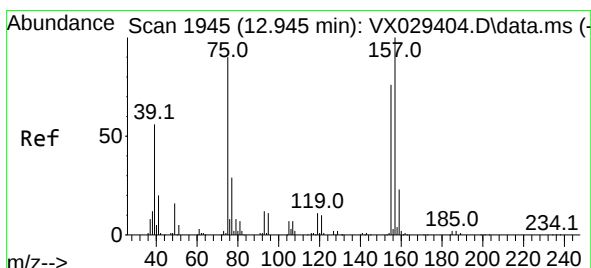
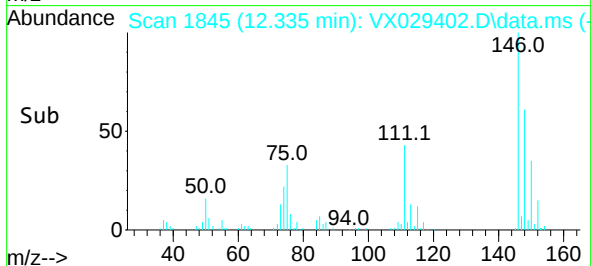
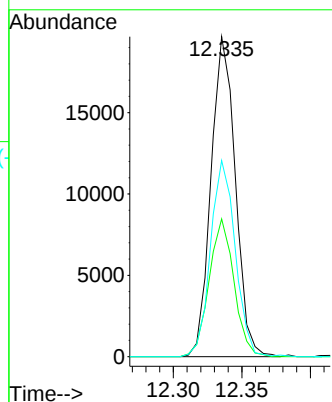
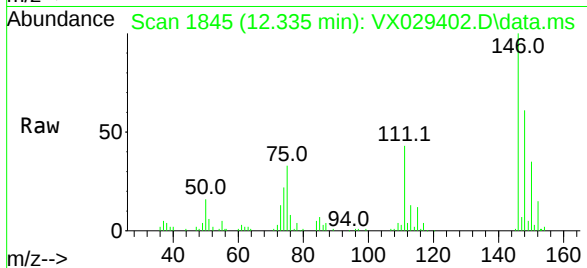
Tgt Ion:146 Resp: 24266

Ion Ratio Lower Upper

146 100

111 43.1 34.5 51.7

148 61.3 51.9 77.9



#68

1,2-Dibromo-3-chloropropane

Concen: 4.744 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX029402.D

Acq: 13 Jun 2022 10:14

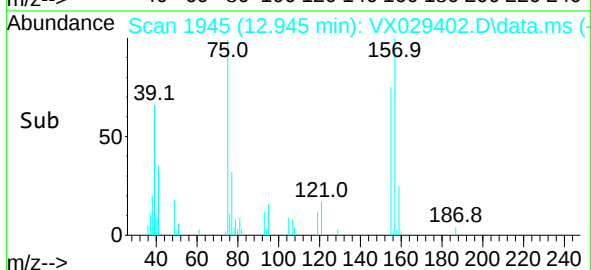
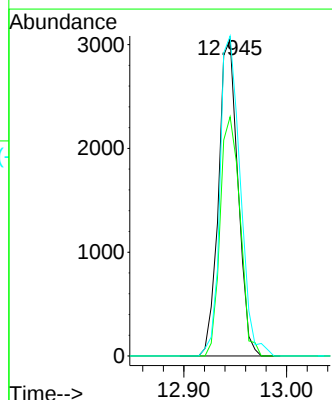
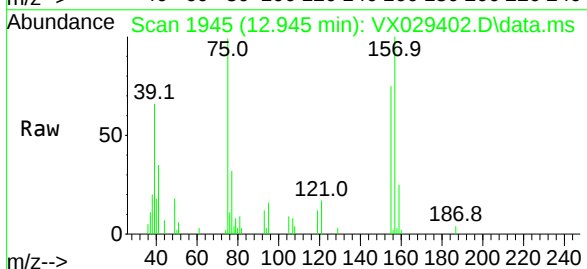
Tgt Ion: 75 Resp: 3978

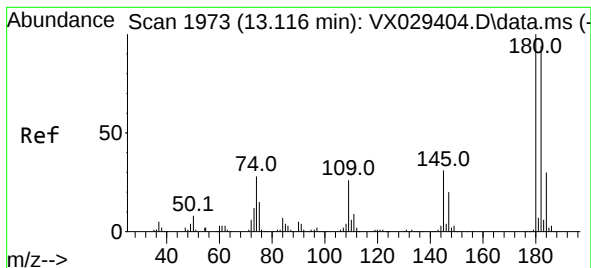
Ion Ratio Lower Upper

75 100

155 75.4 71.6 107.4

157 100.9 93.8 140.6





#69

1,3,5-Trichlorobenzene

Concen: 3.893 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VX029402.D

Acq: 13 Jun 2022 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTD005666

Tgt Ion:180 Resp: 14862

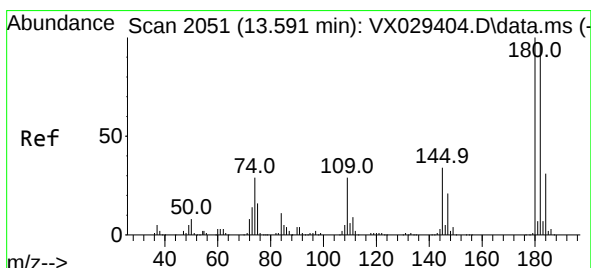
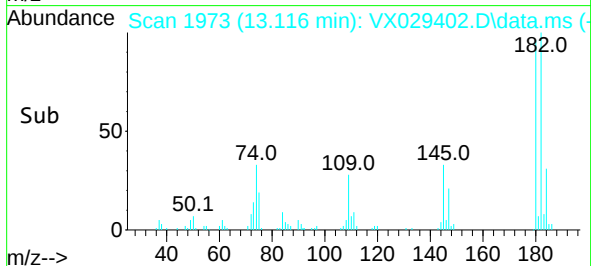
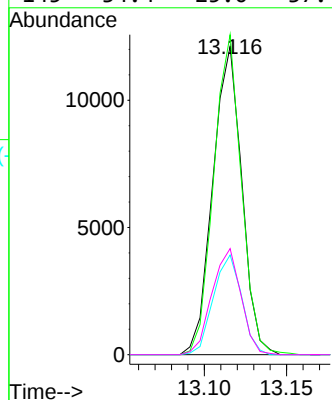
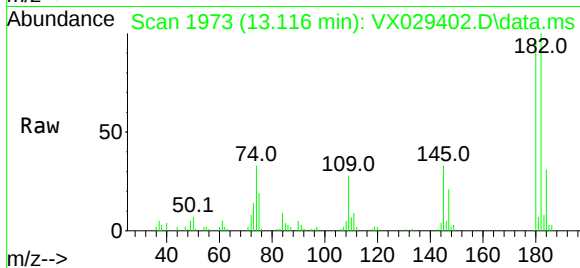
Ion Ratio Lower Upper

180 100

182 99.2 75.6 113.4

184 31.6 23.6 35.4

145 34.4 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 4.038 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX029402.D

Acq: 13 Jun 2022 10:14

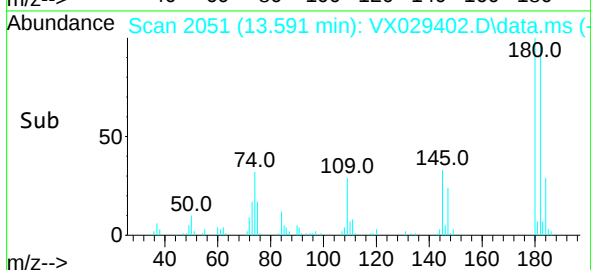
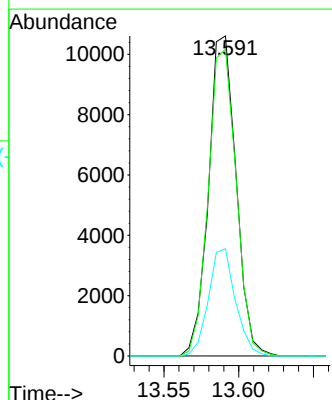
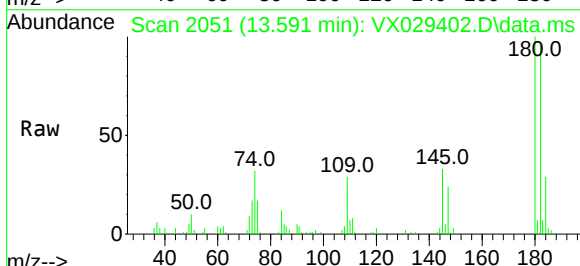
Tgt Ion:180 Resp: 13596

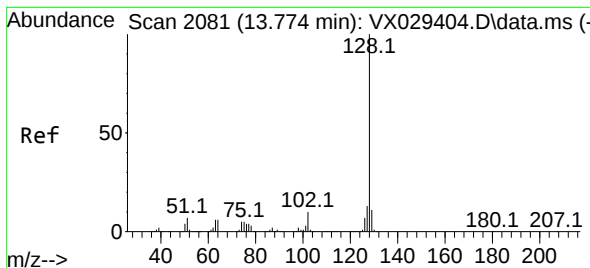
Ion Ratio Lower Upper

180 100

182 96.9 75.4 113.2

145 32.9 25.0 37.4





#71

Naphthalene

Concen: 4.252 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX029402.D

Acq: 13 Jun 2022 10:14

Instrument :

MSVOA_X

ClientSampleId :

VSTD005666

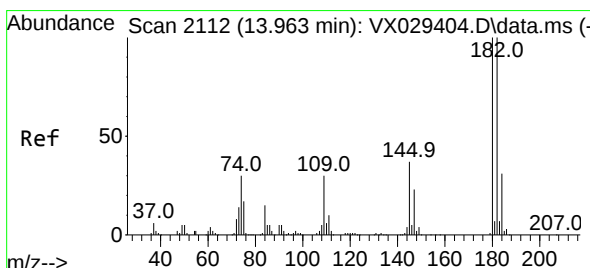
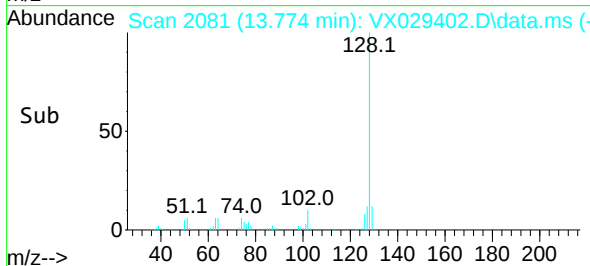
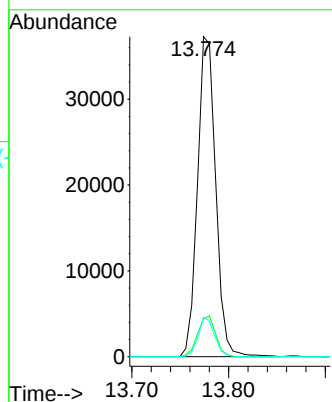
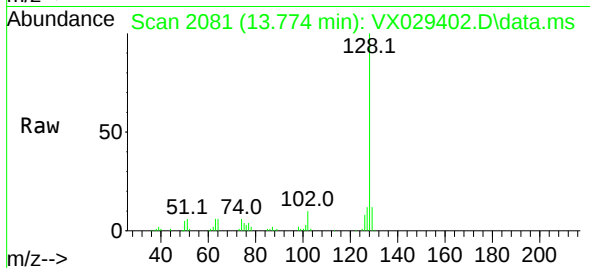
Tgt Ion:128 Resp: 48930

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

129 11.2 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 4.204 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX029402.D

Acq: 13 Jun 2022 10:14

Tgt Ion:180 Resp: 14209

Ion Ratio Lower Upper

180 100

182 89.0 77.0 115.4

145 34.4 27.4 41.0

