

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
 Data File : VX029408.D
 Acq On : 13 Jun 2022 12:35
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV671

Quant Time: Jun 14 04:10:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 13 17:34:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	386896	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	361889	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	186586	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	153239	51.155	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	102.300%	
7) Chloroethane-d5	1.666	69	109261	58.691	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	117.380%	
11) 1,1-Dichloroethene-d2	2.307	63	275070	50.965	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	101.940%	
21) 2-Butanone-d5	4.465	46	239110	105.278	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	105.280%	
24) Chloroform-d	5.062	84	289165	50.558	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	101.120%	
26) 1,2-Dichloroethane-d4	5.964	65	184173	49.806	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	99.620%	
32) Benzene-d6	5.977	84	576788	51.026	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	102.060%	
36) 1,2-Dichloropropane-d6	7.312	67	170982	51.643	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	103.280%	
41) Toluene-d8	8.653	98	535507	50.249	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	100.500%	
43) trans-1,3-Dichloroprop...	8.952	79	72199	44.224	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	88.440%	
47) 2-Hexanone-d5	9.385	63	191153	106.745	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	106.740%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	255358	52.600	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	105.200%	
66) 1,2-Dichlorobenzene-d4	12.323	152	199030	51.307	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	102.620%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	177907	47.924	ug/L	99
3) Chloromethane	1.288	50	166084	47.704	ug/L	99
5) Vinyl chloride	1.374	62	161813	48.016	ug/L	100
6) Bromomethane	1.612	94	78104	49.395	ug/L	99
8) Chloroethane	1.685	64	94878	54.906	ug/L	95
9) Trichlorofluoromethane	1.886	101	228143	47.344	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	132636	46.748	ug/L	97
12) 1,1-Dichloroethene	2.319	96	126919	48.381	ug/L	90
13) Acetone	2.386	43	137629	90.918	ug/L	96
14) Carbon disulfide	2.514	76	346822	48.210	ug/L	100
15) Methyl Acetate	2.709	43	150978	50.277	ug/L	92
16) Methylene chloride	2.788	84	141813	48.780	ug/L	92
17) trans-1,2-Dichloroethene	3.093	96	134748	47.961	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	464907	49.402	ug/L	96
19) 1,1-Dichloroethane	3.611	63	242320	48.829	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	155285	48.902	ug/L	94
22) 2-Butanone	4.562	43	221850	97.355	ug/L	93
23) Bromochloromethane	4.904	128	77448	49.278	ug/L	93
25) Chloroform	5.099	83	267482	48.742	ug/L	96

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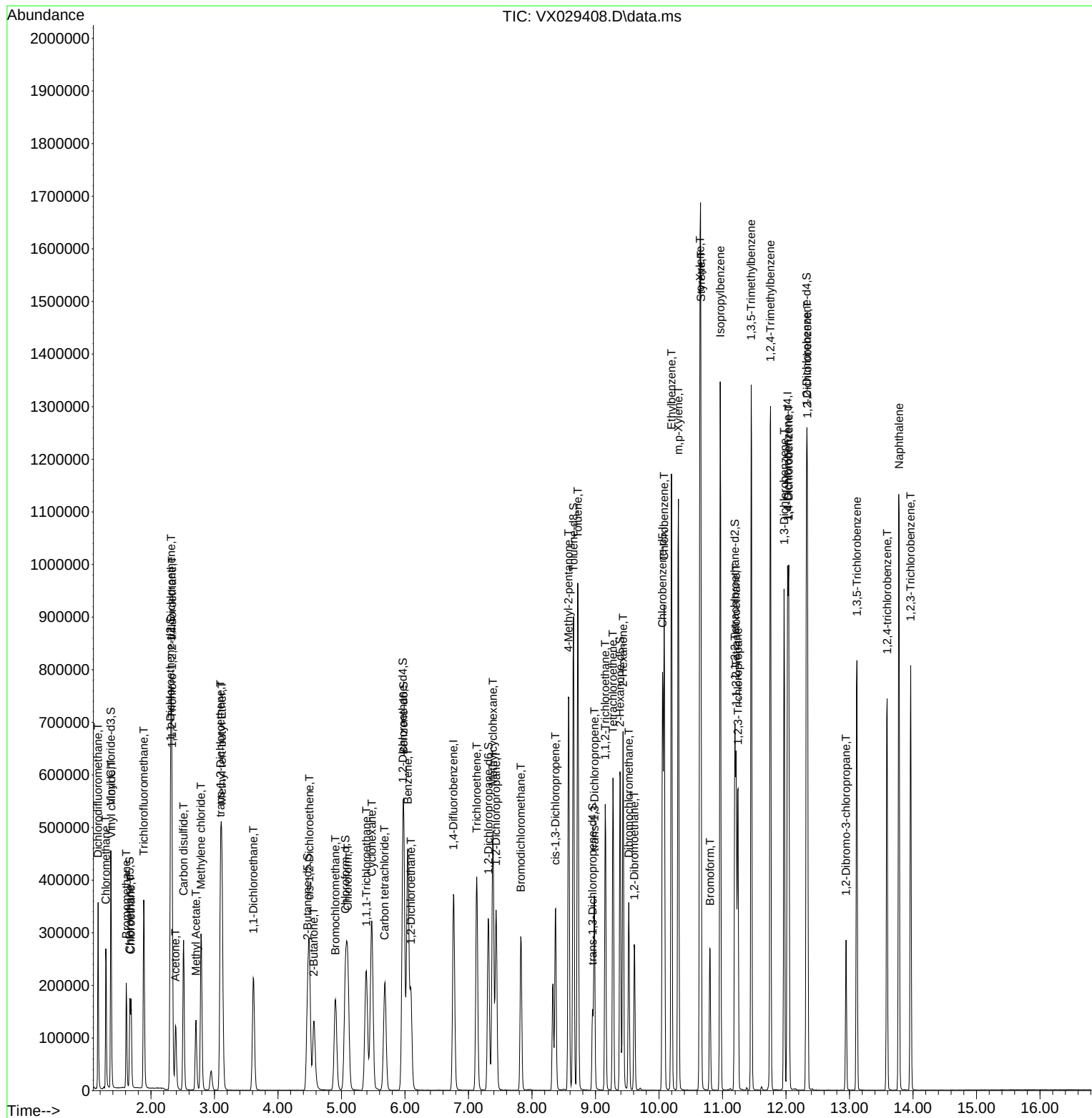
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	204167	48.694	ug/L	99
29) Cyclohexane	5.477	56	228545	47.314	ug/L	94
30) 1,1,1-Trichloroethane	5.391	97	238835	47.586	ug/L	97
31) Carbon tetrachloride	5.678	117	191756	47.597	ug/L	99
33) Benzene	6.044	78	572001	48.335	ug/L	100
34) Trichloroethene	7.129	95	159458	38.232	ug/L	99
35) Methylcyclohexane	7.385	83	240310	45.640	ug/L	97
37) 1,2-Dichloropropane	7.434	63	140732	48.779	ug/L	99
38) Bromodichloromethane	7.824	83	197039	47.982	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	190605	41.336	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	429350	99.558	ug/L #	93
42) Toluene	8.720	91	626111	48.552	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	179204	41.432	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	146967	48.228	ug/L	100
46) Tetrachloroethene	9.275	164	109589	45.775	ug/L	93
48) 2-Hexanone	9.433	43	333747	99.907	ug/L	92
49) Dibromochloromethane	9.525	129	153545	48.327	ug/L	99
50) 1,2-Dibromoethane	9.610	107	158411	48.711	ug/L	98
51) Chlorobenzene	10.080	112	395906	48.363	ug/L	97
52) Ethylbenzene	10.195	91	689513	48.857	ug/L	100
53) m,p-Xylene	10.305	106	268965	48.551	ug/L	94
54) o-Xylene	10.647	106	268466	49.135	ug/L	100
55) Styrene	10.659	104	457214	49.774	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.214	83	234965	49.754	ug/L	99
59) Bromoform	10.805	173	100857	48.546	ug/L	100
60) Isopropylbenzene	10.964	105	702225	48.185	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	192422	49.307	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	600269	48.228	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	597730	48.367	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	295337	48.919	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	294251	48.281	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	294877	48.426	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	54906	51.155	ug/L	90
69) 1,3,5-Trichlorobenzene	13.116	180	195878	47.413	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	176412	47.412	ug/L	97
71) Naphthalene	13.780	128	707685	51.644	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	182401	48.527	ug/L	98

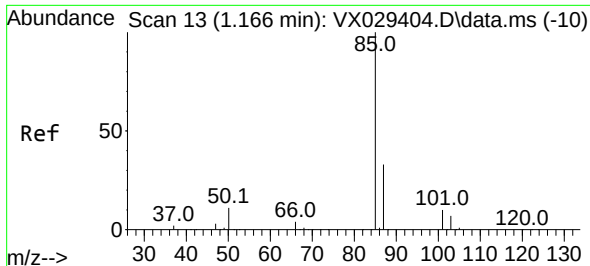
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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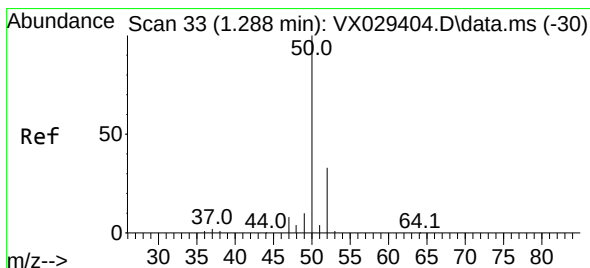
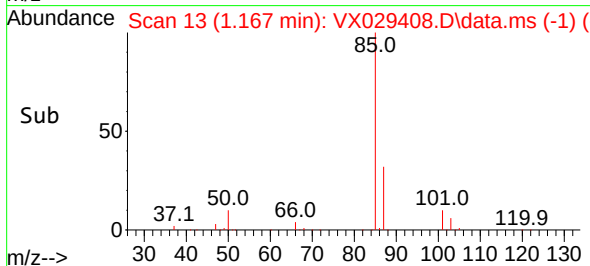
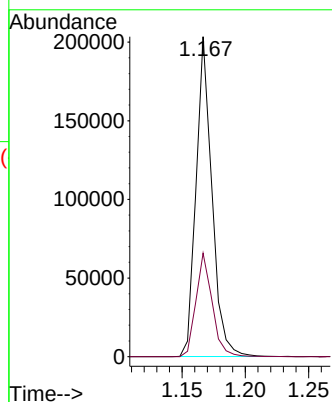
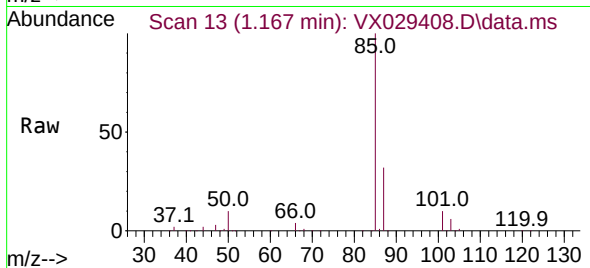




#2
 Dichlorodifluoromethane
 Concen: 47.924 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029408.D
 Acq: 13 Jun 2022 12:35

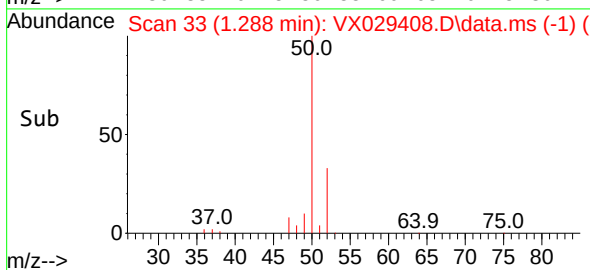
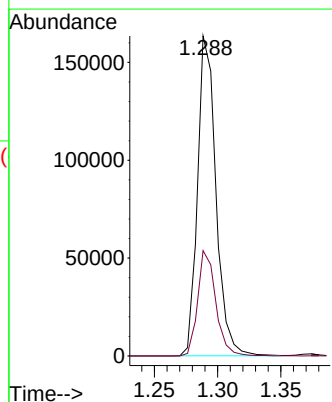
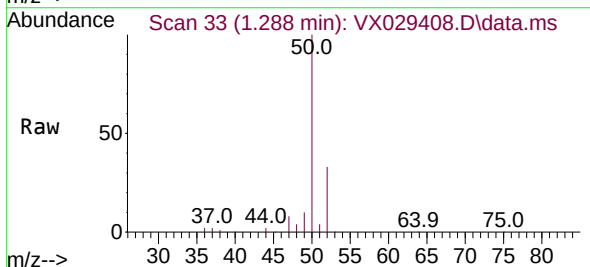
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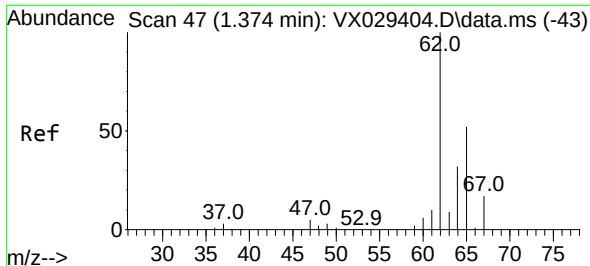
Tgt Ion: 85 Resp: 177907
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.9 38.9



#3
 Chloromethane
 Concen: 47.704 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. 0.000 min
 Lab File: VX029408.D
 Acq: 13 Jun 2022 12:35

Tgt Ion: 50 Resp: 166084
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.5 41.7

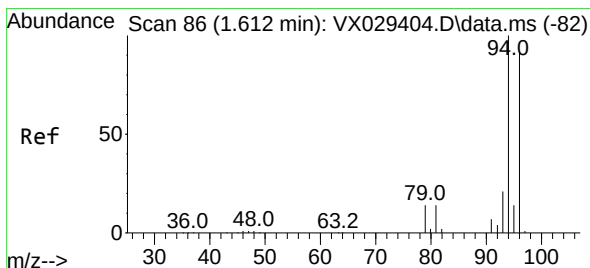
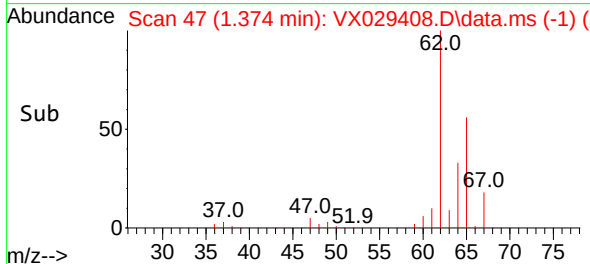
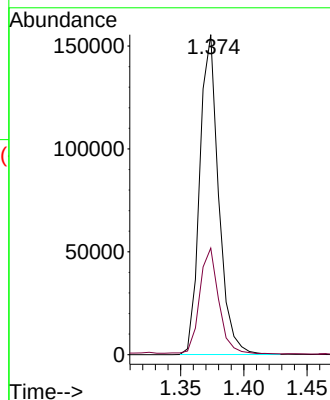
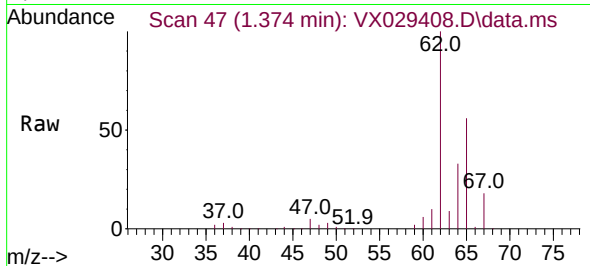




#5
 Vinyl chloride
 Concen: 48.016 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX029408.D
 Acq: 13 Jun 2022 12:35

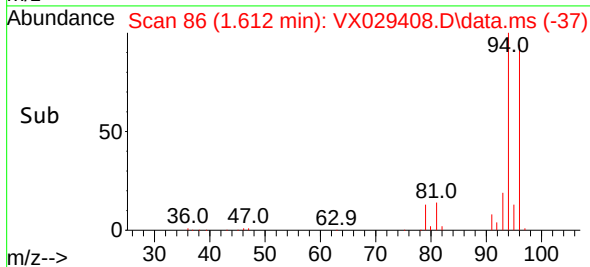
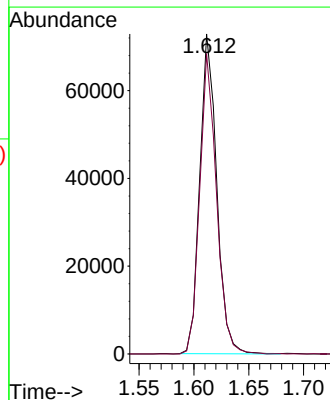
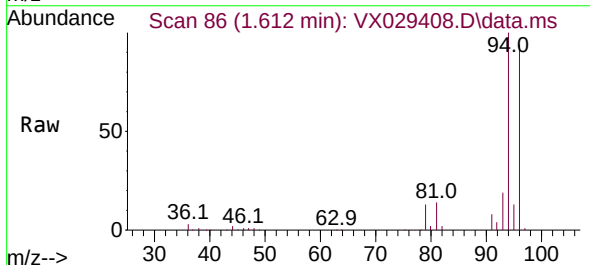
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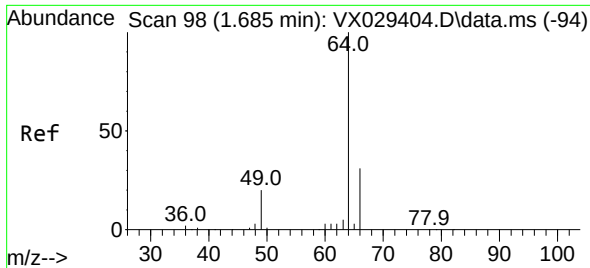
Tgt Ion: 62 Resp: 161813
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.3 43.3



#6
 Bromomethane
 Concen: 49.395 ug/L
 RT: 1.612 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX029408.D
 Acq: 13 Jun 2022 12:35

Tgt Ion: 94 Resp: 78104
 Ion Ratio Lower Upper
 94 100
 96 93.8 64.9 120.5

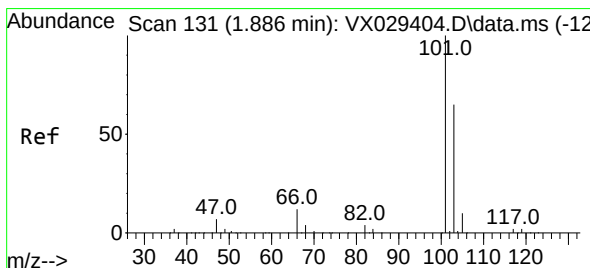
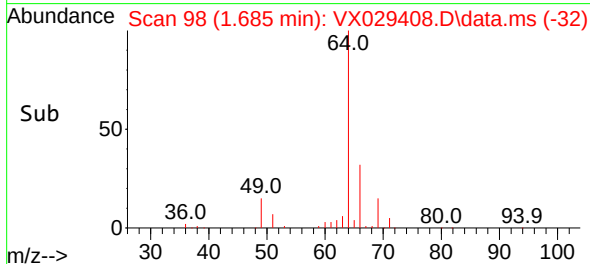
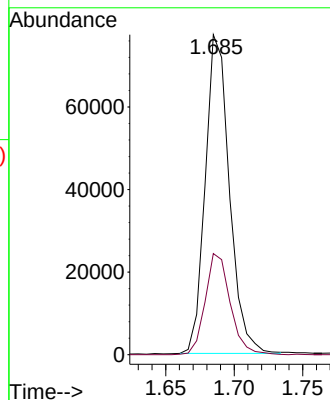
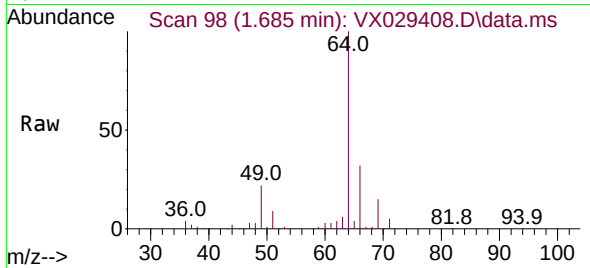




#8
Chloroethane
Concen: 54.906 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

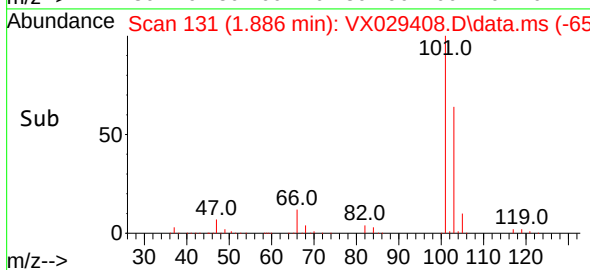
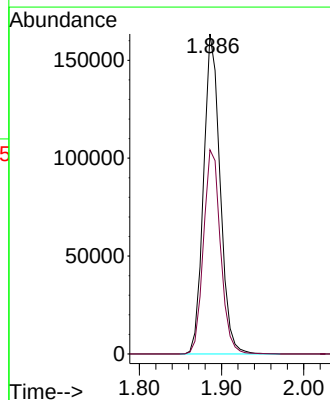
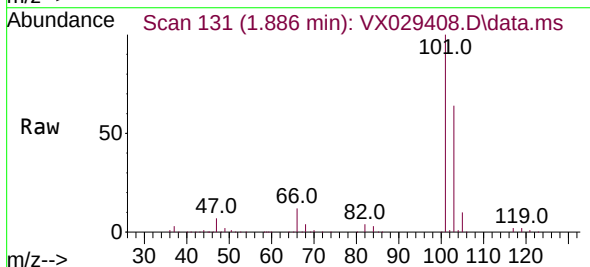
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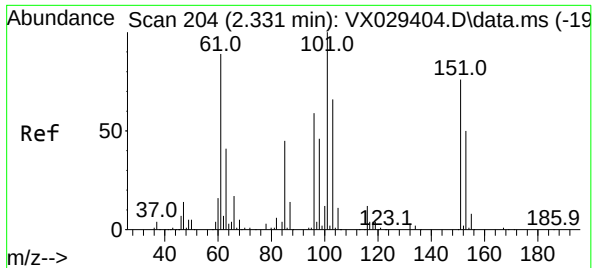
Tgt Ion: 64 Resp: 94878
Ion Ratio Lower Upper
64 100
66 31.6 24.2 45.0



#9
Trichlorofluoromethane
Concen: 47.344 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

Tgt Ion: 101 Resp: 228143
Ion Ratio Lower Upper
101 100
103 65.6 51.8 77.8

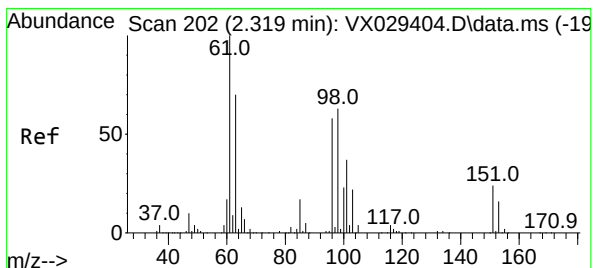
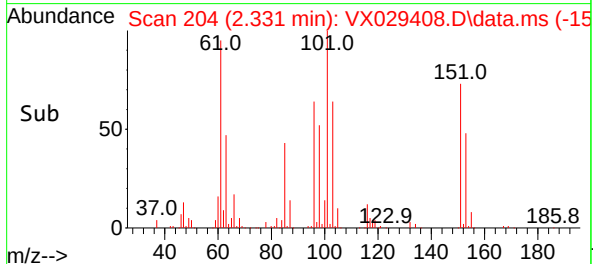
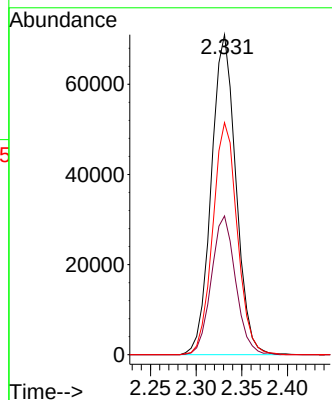
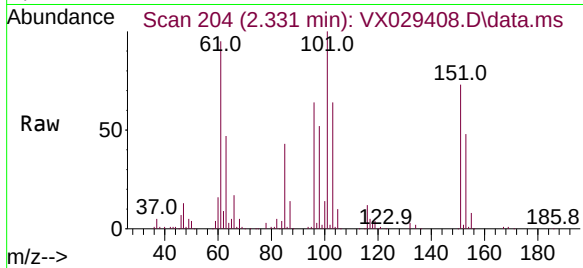




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.748 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX029408.D
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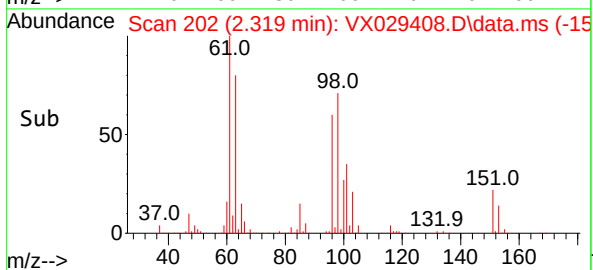
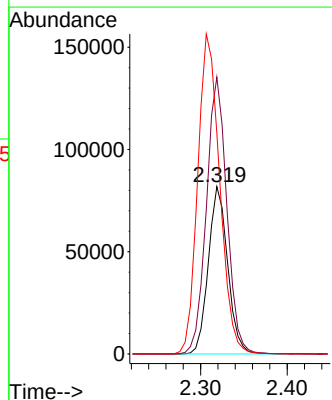
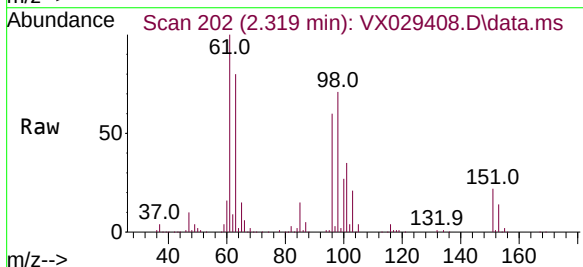
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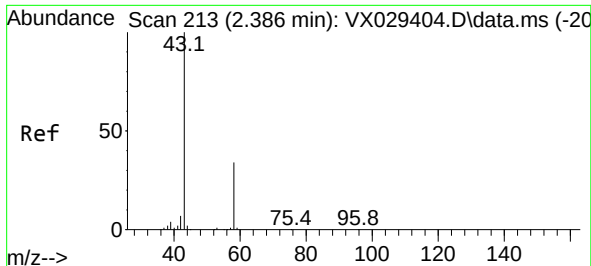
Tgt Ion:101 Resp: 132636
 Ion Ratio Lower Upper
 101 100
 85 42.9 33.9 50.9
 151 72.6 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 48.381 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX029408.D
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Tgt Ion: 96 Resp: 126919
 Ion Ratio Lower Upper
 96 100
 61 165.4 118.2 219.4
 63 132.1 109.6 203.4

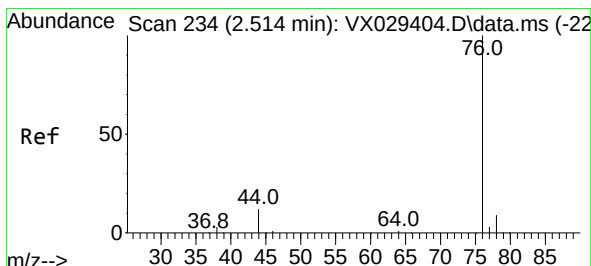
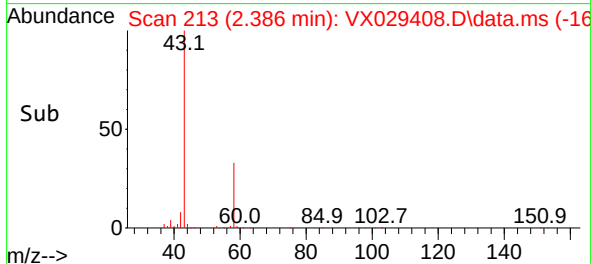
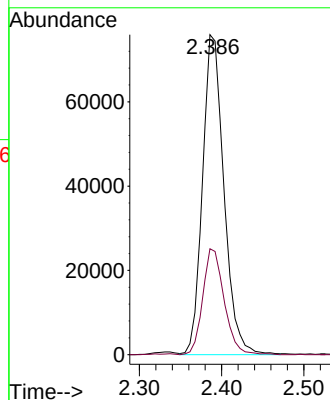
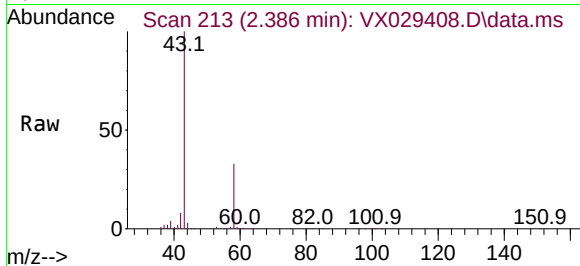




#13
Acetone
Concen: 90.918 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
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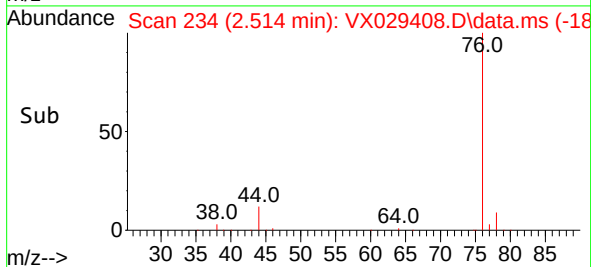
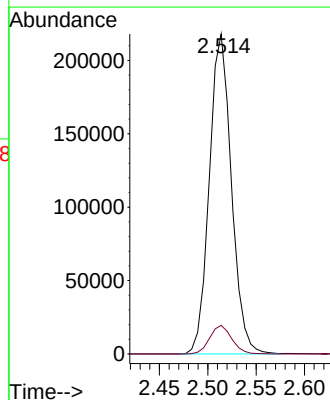
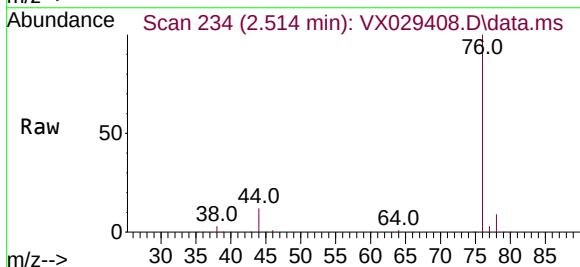
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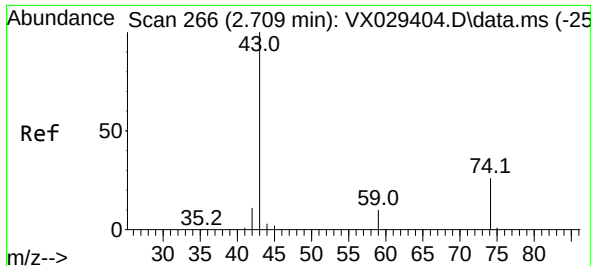
Tgt Ion: 43 Resp: 137629
Ion Ratio Lower Upper
43 100
58 32.9 0.0 61.4



#14
Carbon disulfide
Concen: 48.210 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 346822
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

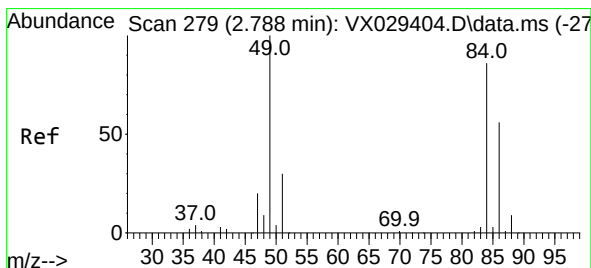
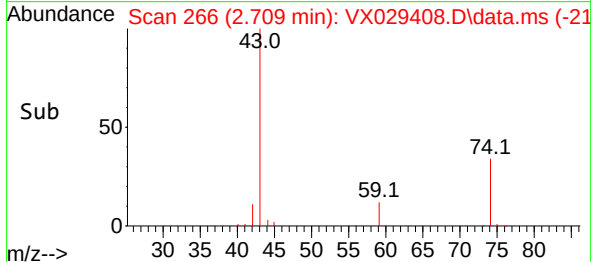
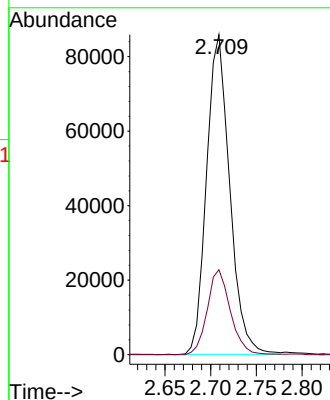
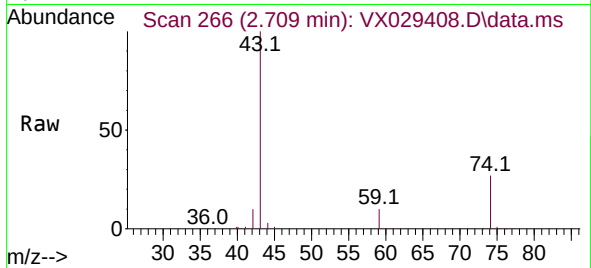




#15
Methyl Acetate
Concen: 50.277 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

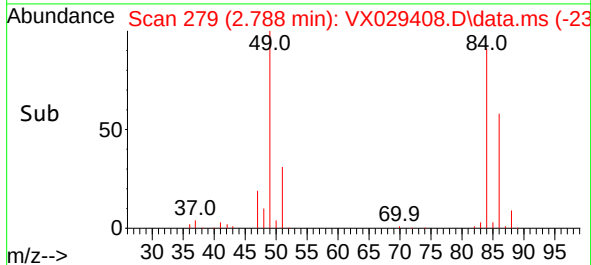
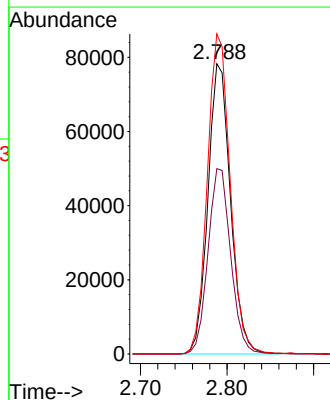
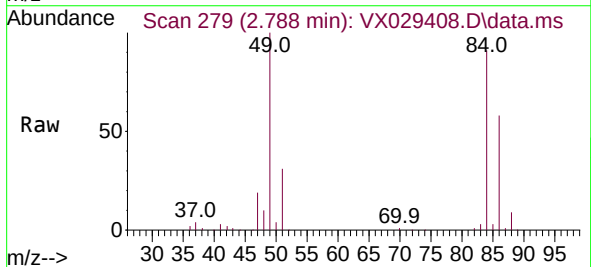
Instrument :
MSVOA_X
ClientSampleId :
VICV671

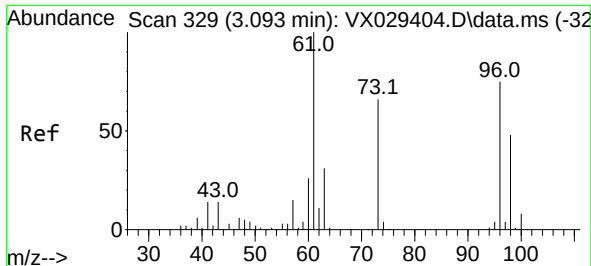
Tgt Ion: 43 Resp: 150978
Ion Ratio Lower Upper
43 100
74 26.5 18.2 27.4



#16
Methylene chloride
Concen: 48.780 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

Tgt Ion: 84 Resp: 141813
Ion Ratio Lower Upper
84 100
86 63.8 44.8 83.2
49 110.2 87.0 161.6





#17

trans-1,2-Dichloroethene

Concen: 47.961 ug/L

RT: 3.093 min Scan# 329

Delta R.T. 0.000 min

Lab File: VX029408.D

Acq: 13 Jun 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VICV671

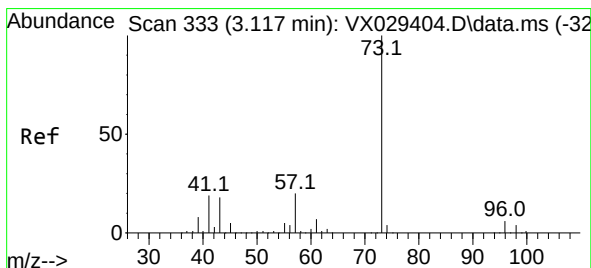
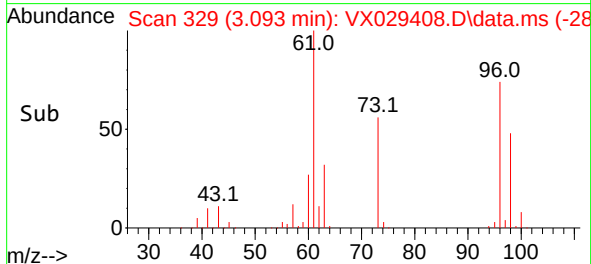
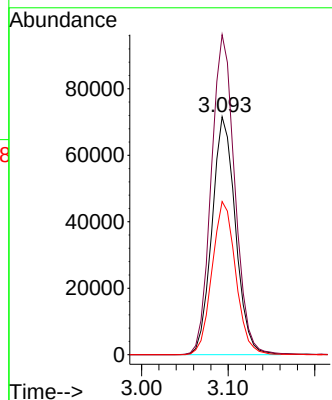
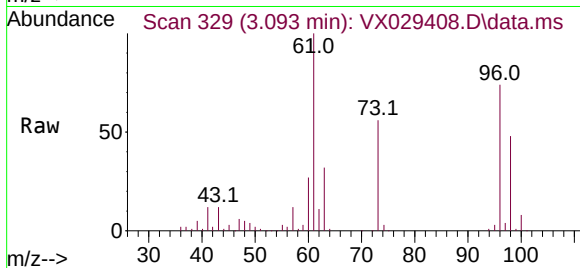
Tgt Ion: 96 Resp: 134748

Ion Ratio Lower Upper

96 100

61 134.5 93.0 172.6

98 64.4 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 49.402 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX029408.D

Acq: 13 Jun 2022 12:35

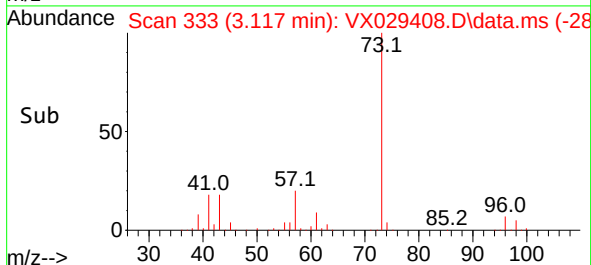
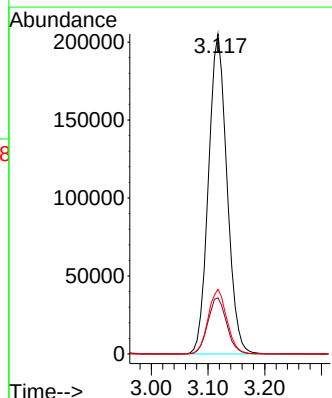
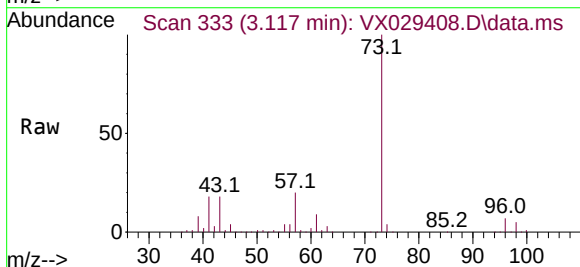
Tgt Ion: 73 Resp: 464907

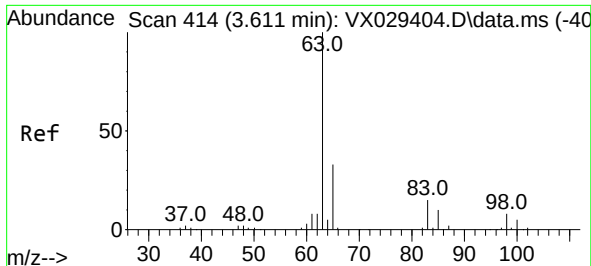
Ion Ratio Lower Upper

73 100

43 17.9 16.2 24.4

57 20.4 17.1 25.7





#19

1,1-Dichloroethane

Concen: 48.829 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX029408.D

Acq: 13 Jun 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VICV671

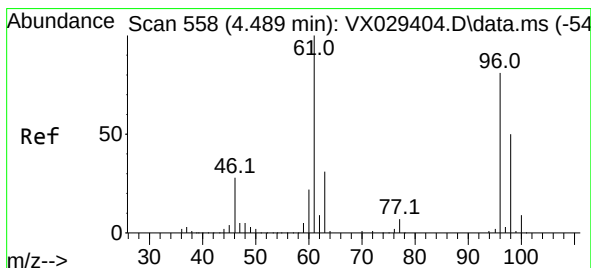
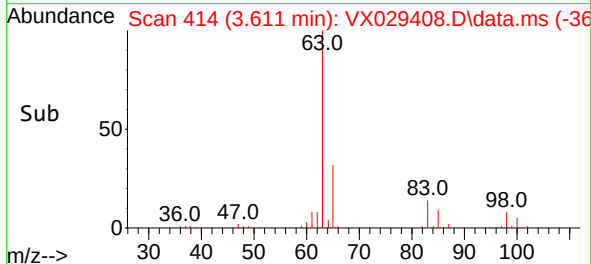
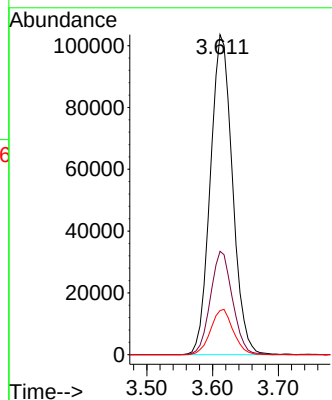
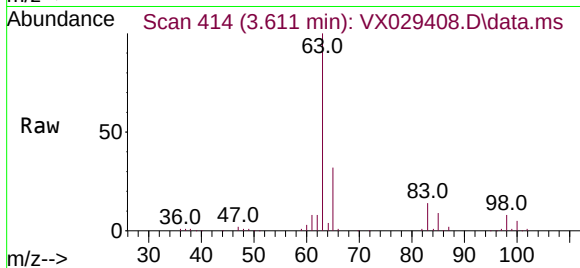
Tgt Ion: 63 Resp: 242320

Ion Ratio Lower Upper

63 100

65 32.3 22.9 42.5

83 13.8 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 48.902 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.006 min

Lab File: VX029408.D

Acq: 13 Jun 2022 12:35

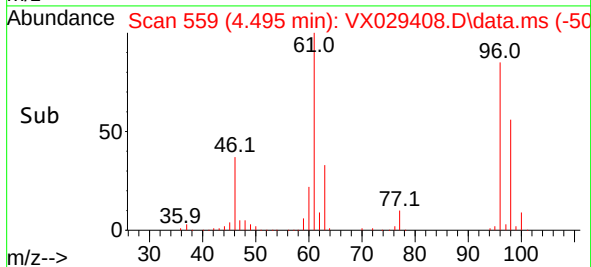
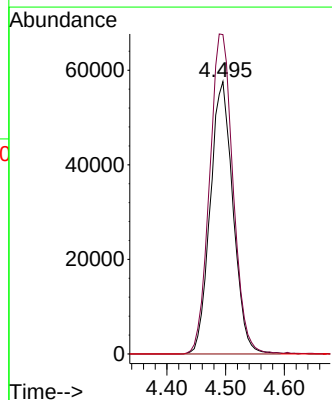
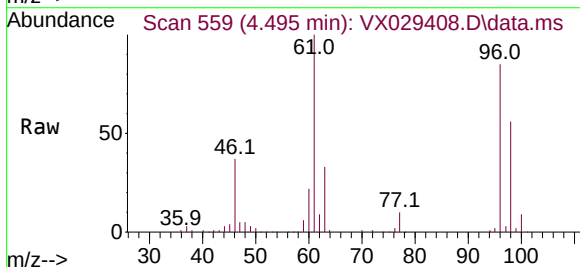
Tgt Ion: 96 Resp: 155285

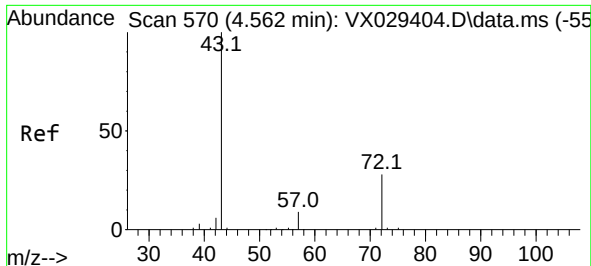
Ion Ratio Lower Upper

96 100

61 117.3 86.7 161.1

68 0.0 0.0 0.0

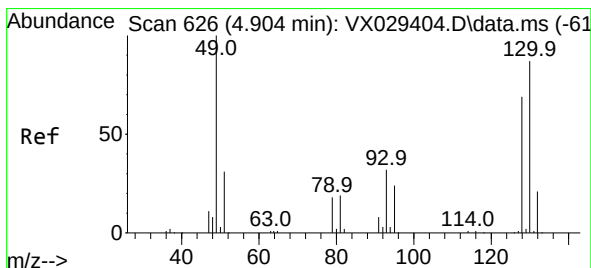
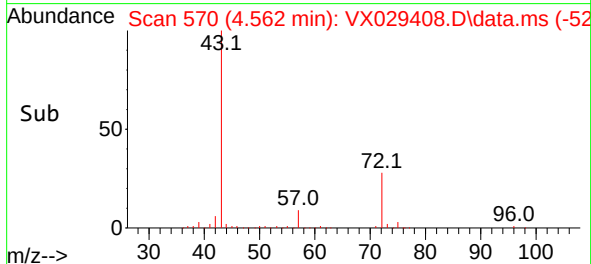
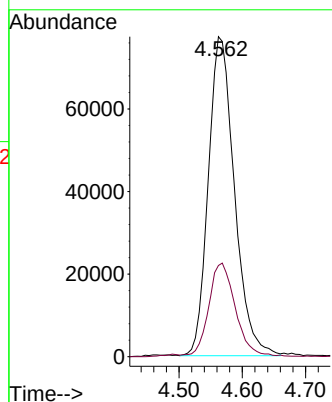
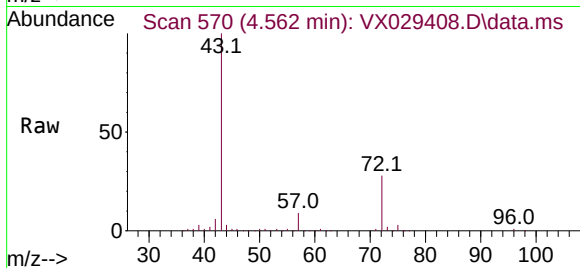




#22
2-Butanone
Concen: 97.355 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

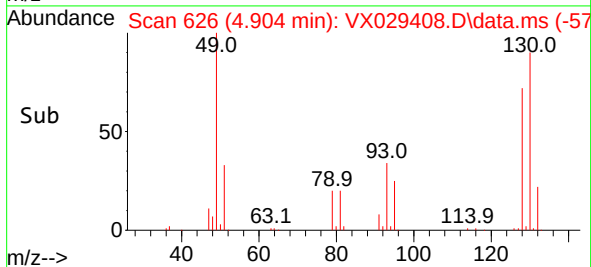
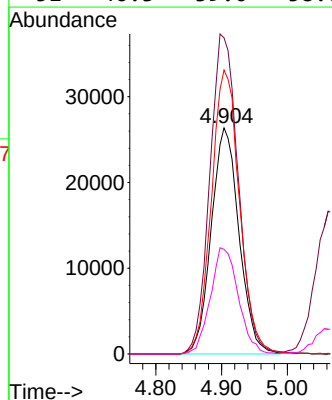
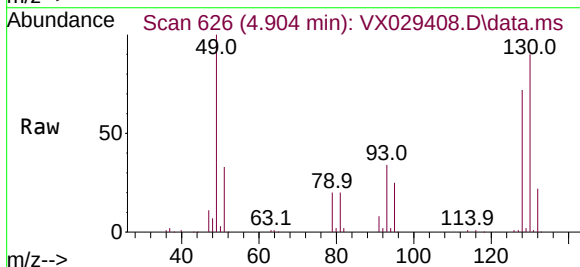
Instrument :
MSVOA_X
ClientSampleId :
VICV671

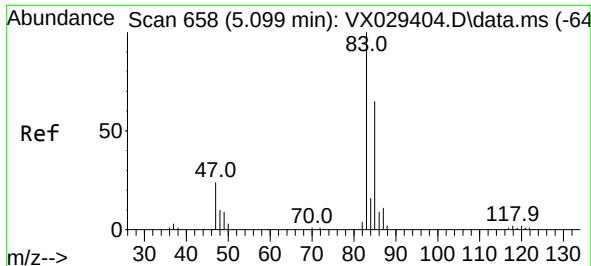
Tgt Ion: 43 Resp: 221850
Ion Ratio Lower Upper
43 100
72 29.8 13.2 39.5



#23
Bromochloromethane
Concen: 49.278 ug/L
RT: 4.904 min Scan# 626
Delta R.T. 0.000 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

Tgt Ion:128 Resp: 77448
Ion Ratio Lower Upper
128 100
49 139.8 110.2 204.6
130 125.6 88.2 163.8
51 46.3 39.0 58.6





#25

Chloroform

Concen: 48.742 ug/L

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX029408.D

Acq: 13 Jun 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

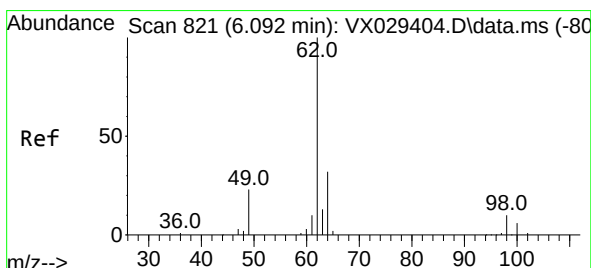
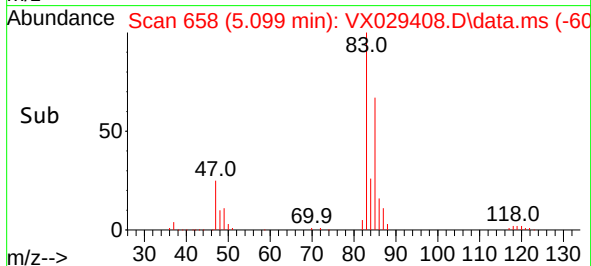
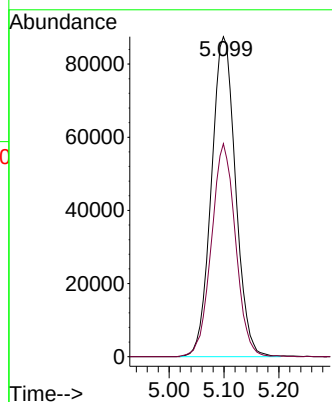
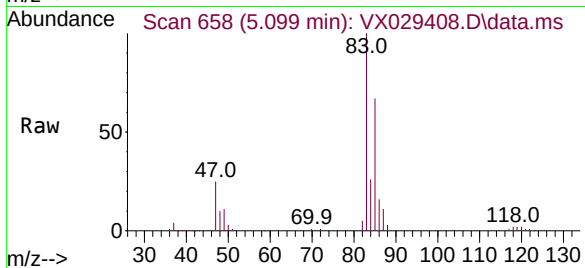
VICV671

Tgt Ion: 83 Resp: 267482

Ion Ratio Lower Upper

83 100

85 66.6 44.2 82.2



#27

1,2-Dichloroethane

Concen: 48.694 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX029408.D

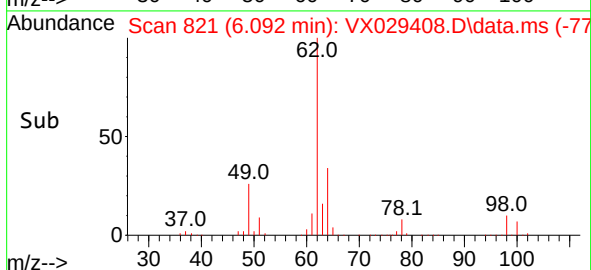
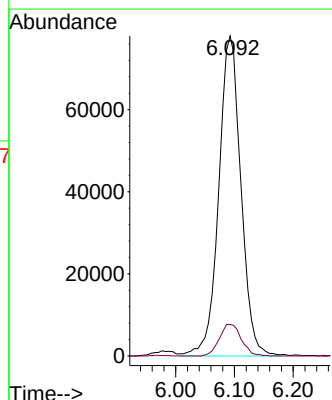
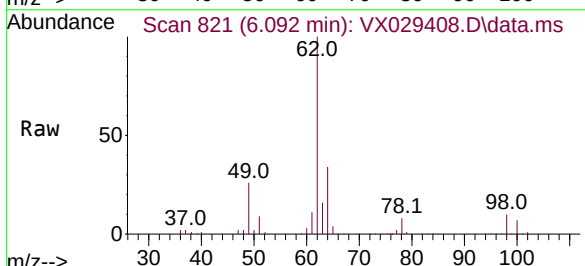
Acq: 13 Jun 2022 12:35

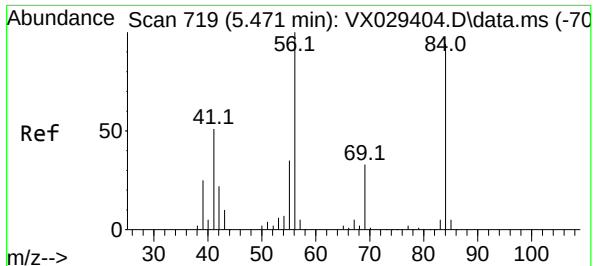
Tgt Ion: 62 Resp: 204167

Ion Ratio Lower Upper

62 100

98 9.8 8.2 12.2





#29

Cyclohexane

Concen: 47.314 ug/L

RT: 5.477 min Scan# 719

Delta R.T. 0.006 min

Lab File: VX029408.D

Acq: 13 Jun 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VICV671

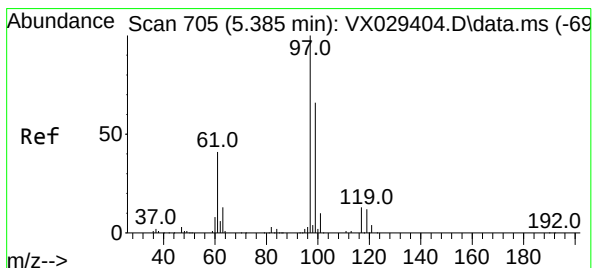
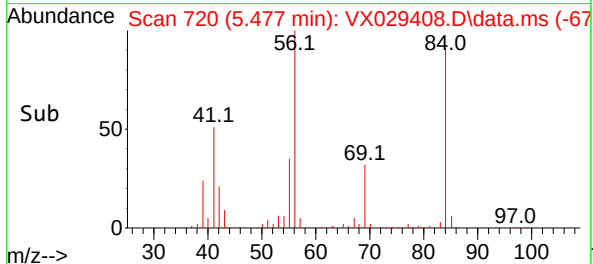
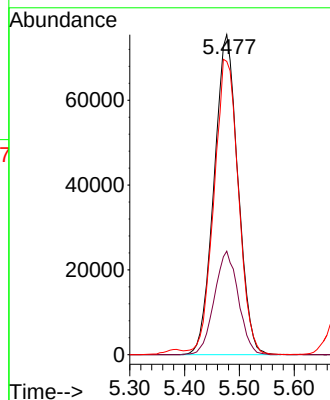
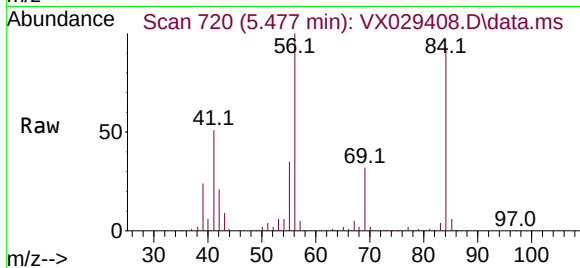
Tgt Ion: 56 Resp: 228545

Ion Ratio Lower Upper

56 100

69 32.4 24.6 36.8

84 94.1 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 47.586 ug/L

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX029408.D

Acq: 13 Jun 2022 12:35

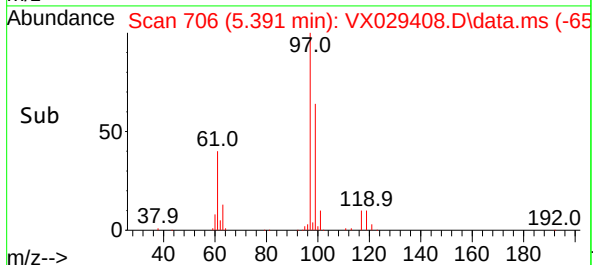
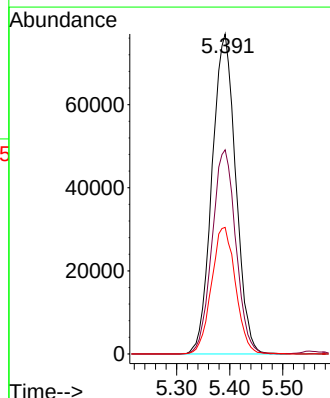
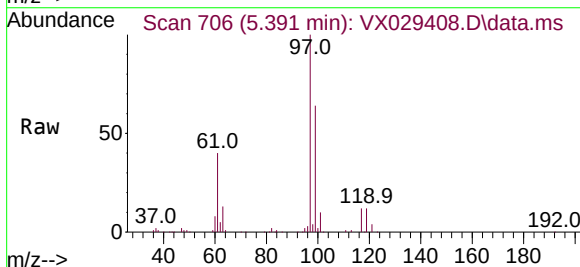
Tgt Ion: 97 Resp: 238835

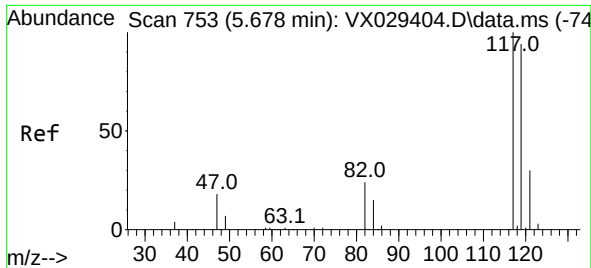
Ion Ratio Lower Upper

97 100

99 64.1 51.5 77.3

61 40.1 35.2 52.8

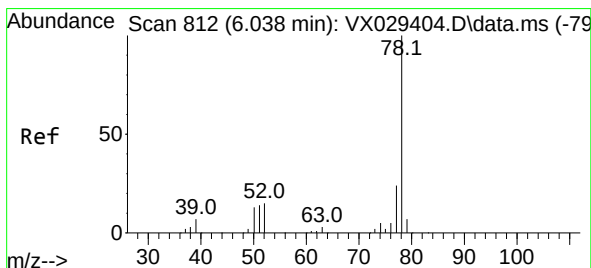
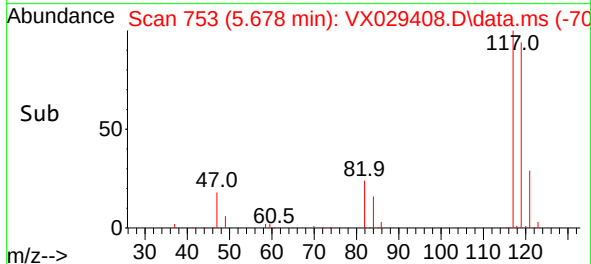
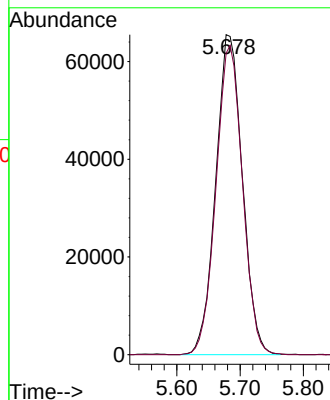
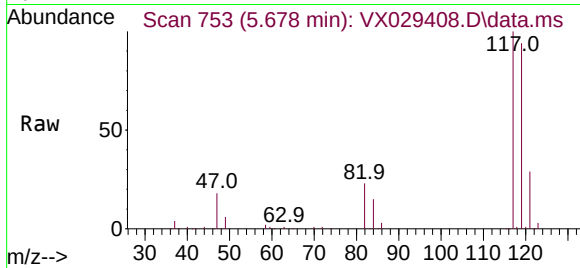




#31
Carbon tetrachloride
Concen: 47.597 ug/L
RT: 5.678 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

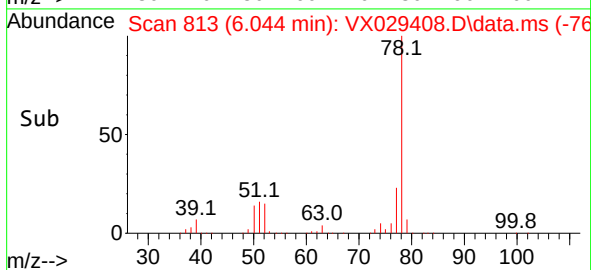
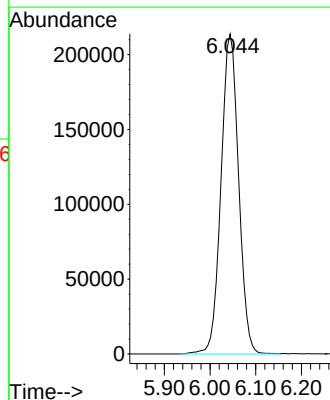
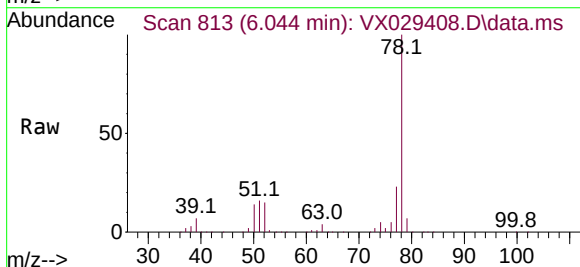
Instrument :
MSVOA_X
ClientSampleId :
VICV671

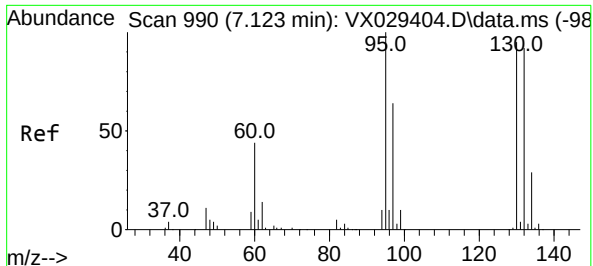
Tgt Ion:117 Resp: 191756
Ion Ratio Lower Upper
117 100
119 96.0 77.8 116.8



#33
Benzene
Concen: 48.335 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

Tgt Ion: 78 Resp: 572001

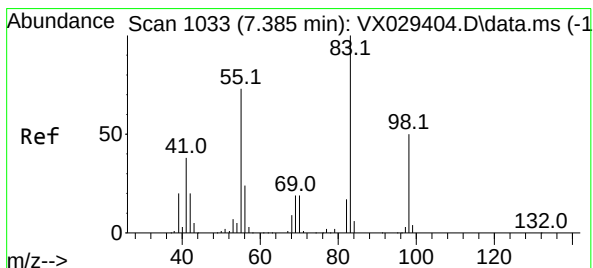
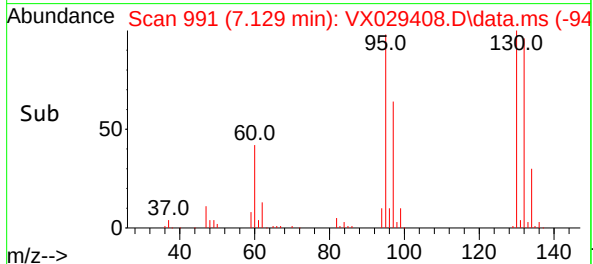
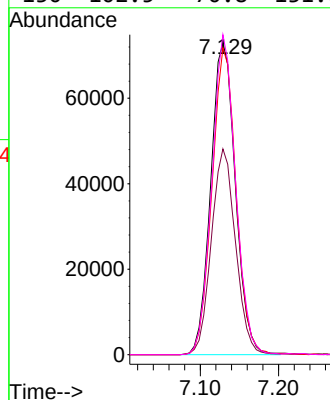
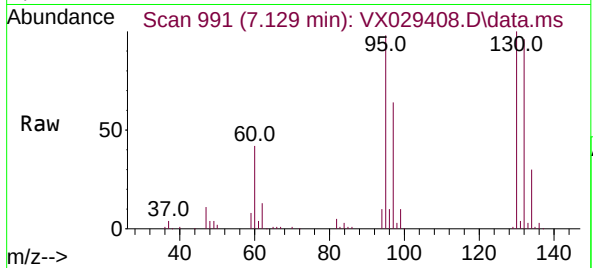




#34
Trichloroethene
Concen: 38.232 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

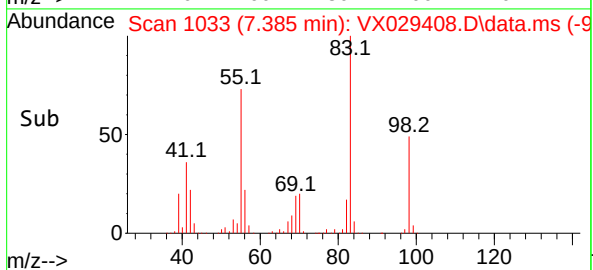
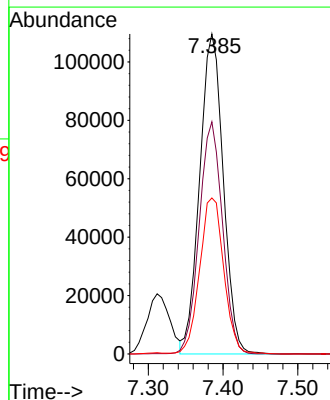
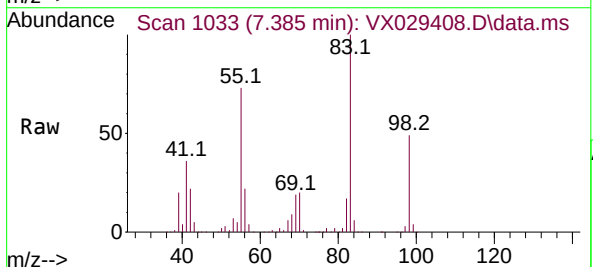
Instrument :
MSVOA_X
ClientSampleId :
VICV671

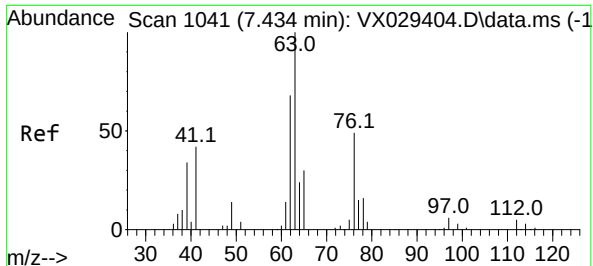
Tgt Ion: 95 Resp: 159458
Ion Ratio Lower Upper
95 100
97 66.0 45.5 84.5
132 98.3 69.9 129.7
130 102.5 70.8 131.6



#35
Methylcyclohexane
Concen: 45.640 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

Tgt Ion: 83 Resp: 240310
Ion Ratio Lower Upper
83 100
55 71.6 60.6 90.8
98 50.0 39.8 59.8





#37

1,2-Dichloropropane

Concen: 48.779 ug/L

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX029408.D

Acq: 13 Jun 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

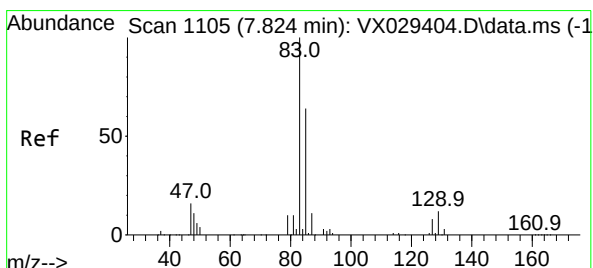
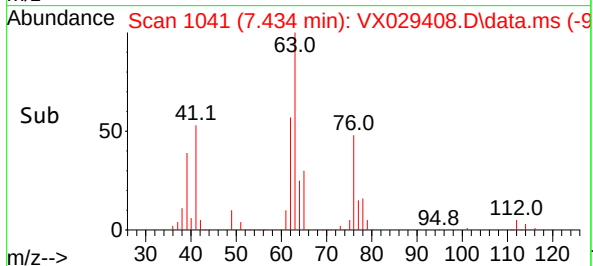
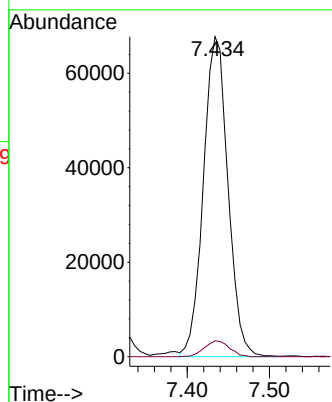
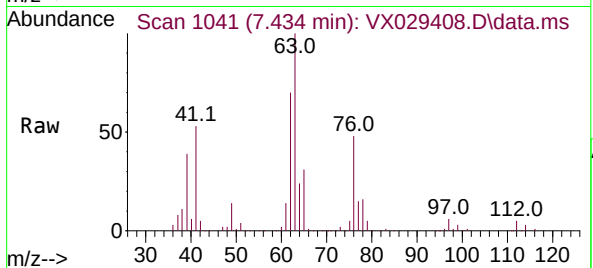
VICV671

Tgt Ion: 63 Resp: 140732

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 47.982 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX029408.D

Acq: 13 Jun 2022 12:35

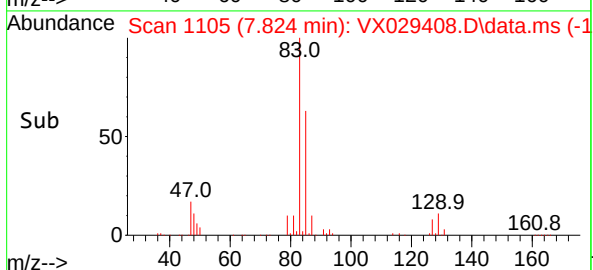
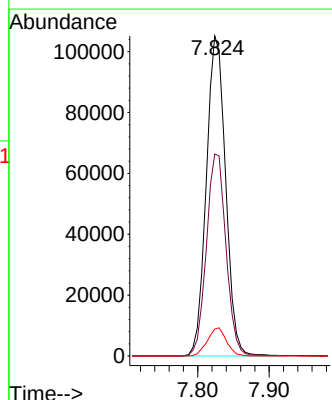
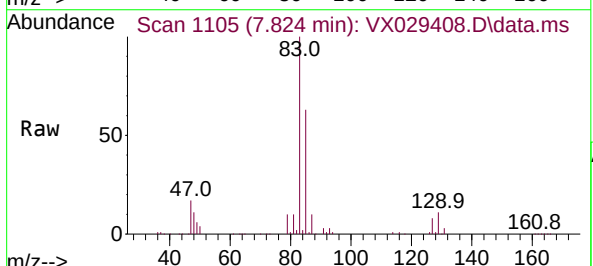
Tgt Ion: 83 Resp: 197039

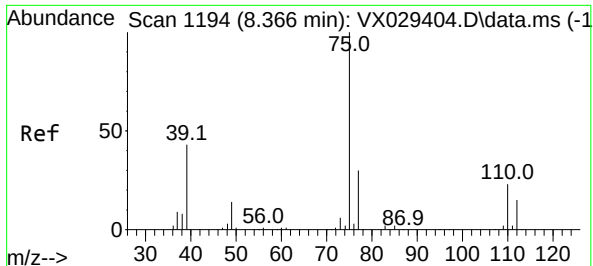
Ion Ratio Lower Upper

83 100

85 63.1 44.7 83.1

127 8.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 41.336 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX029408.D

Acq: 13 Jun 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

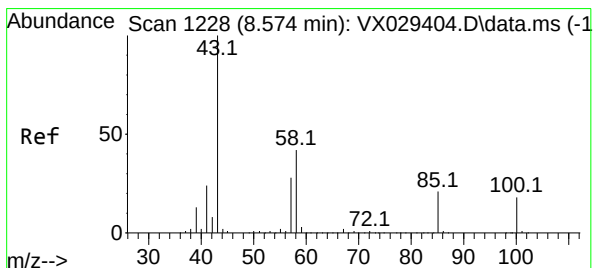
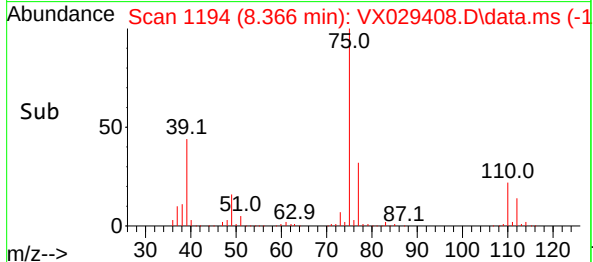
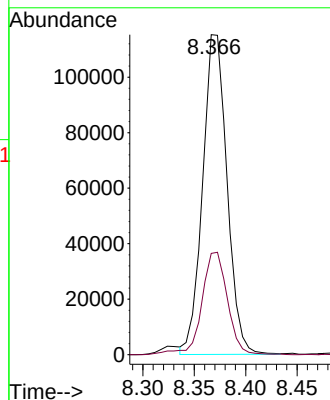
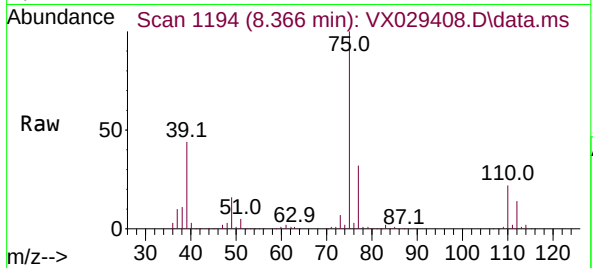
VICV671

Tgt Ion: 75 Resp: 190605

Ion Ratio Lower Upper

75 100

77 31.7 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 99.558 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX029408.D

Acq: 13 Jun 2022 12:35

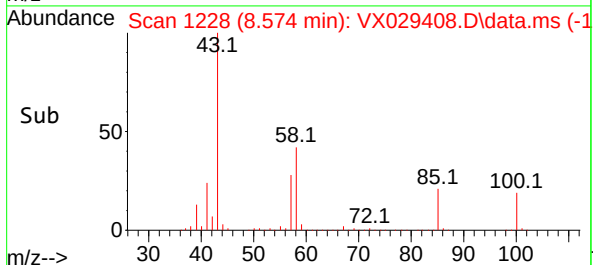
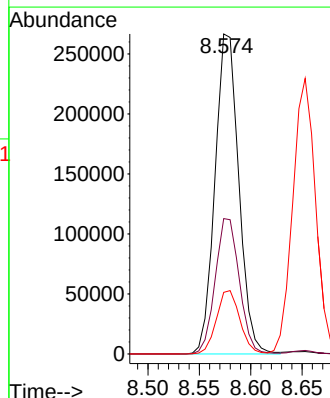
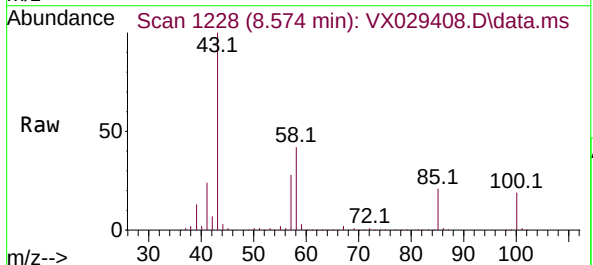
Tgt Ion: 43 Resp: 429350

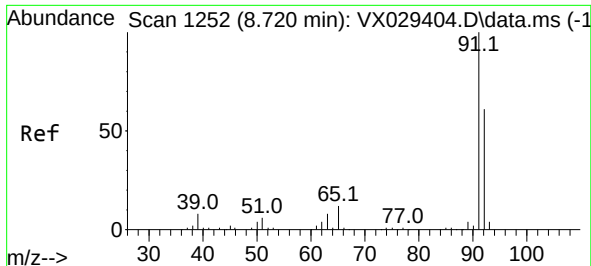
Ion Ratio Lower Upper

43 100

58 42.8 31.0 46.6

100 19.6 13.0 19.4





#42

Toluene

Concen: 48.552 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX029408.D

Acq: 13 Jun 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

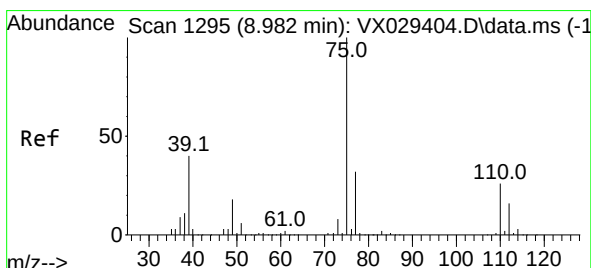
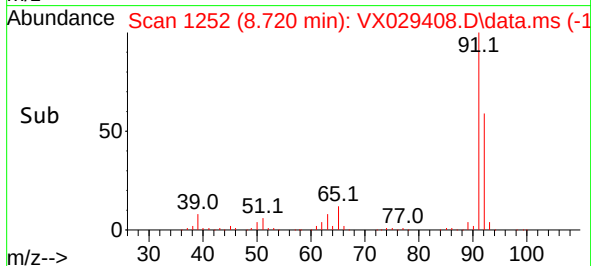
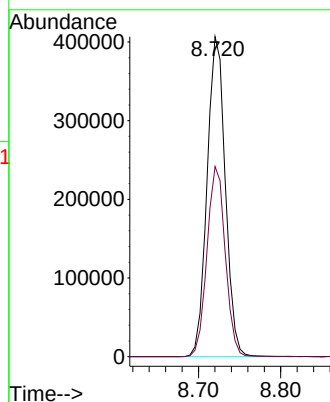
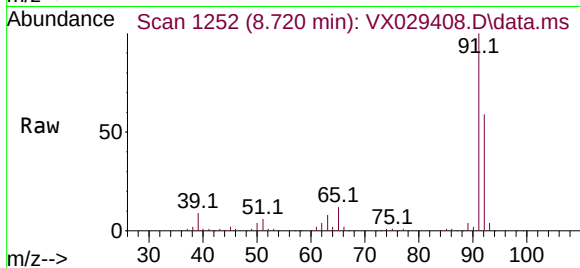
VICV671

Tgt Ion: 91 Resp: 626111

Ion Ratio Lower Upper

91 100

92 59.4 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 41.432 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX029408.D

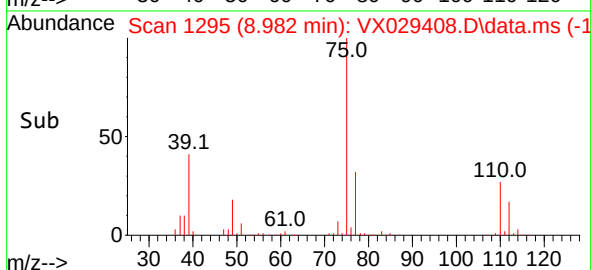
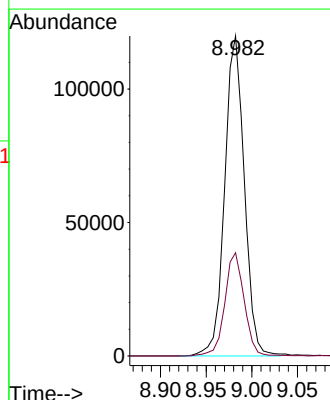
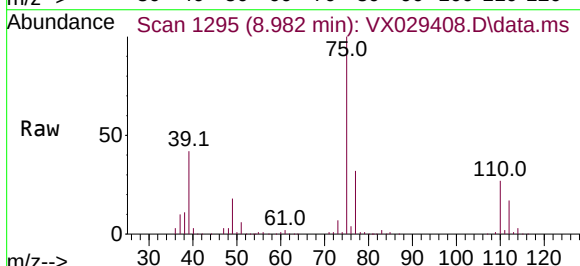
Acq: 13 Jun 2022 12:35

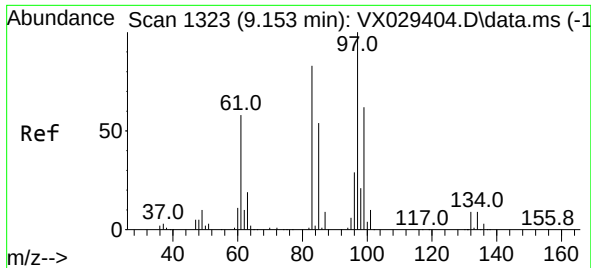
Tgt Ion: 75 Resp: 179204

Ion Ratio Lower Upper

75 100

77 32.3 22.3 41.3

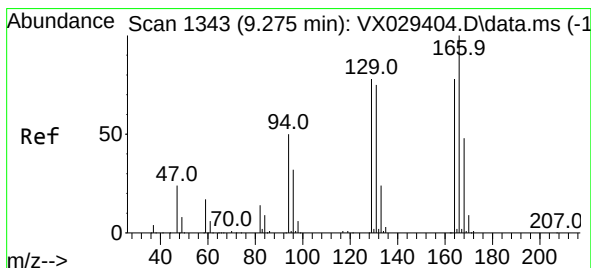
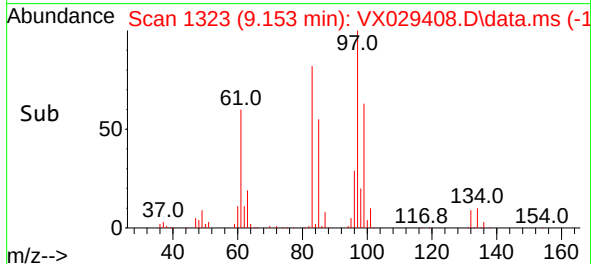
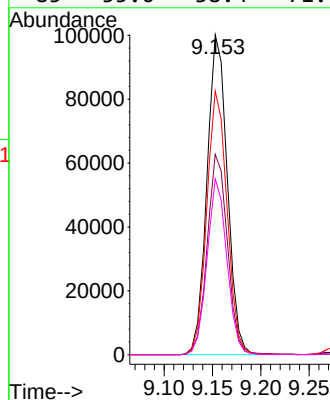
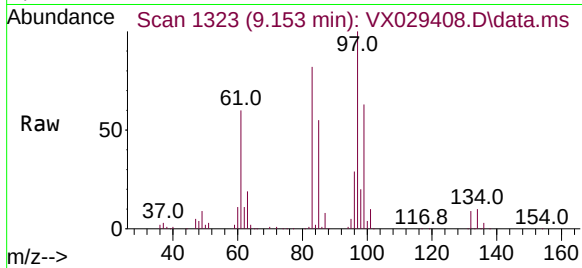




#45
1,1,2-Trichloroethane
Concen: 48.228 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

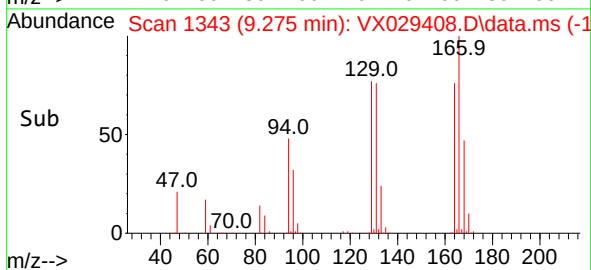
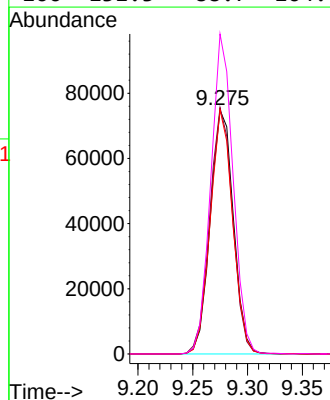
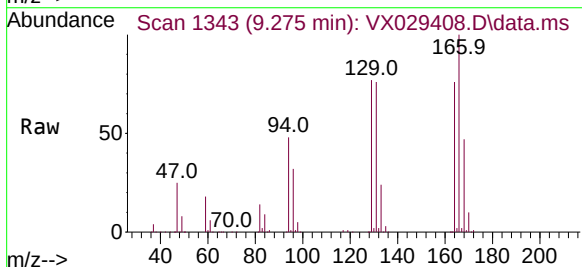
Instrument :
MSVOA_X
ClientSampleId :
VICV671

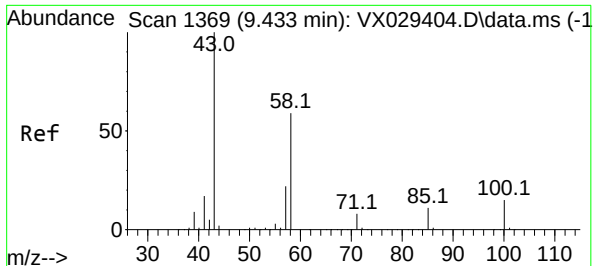
Tgt Ion: 97	Resp: 146967
Ion Ratio	Lower Upper
97 100	
99 62.6	43.3 80.5
83 82.4	57.5 106.9
85 55.0	38.4 71.4



#46
Tetrachloroethene
Concen: 45.775 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

Tgt	Ion:164	Resp:	109589
Ion	Ratio	Lower	Upper
164	100		
129	101.1	65.5	121.7
131	100.1	64.3	119.3
166	131.3	88.7	164.7

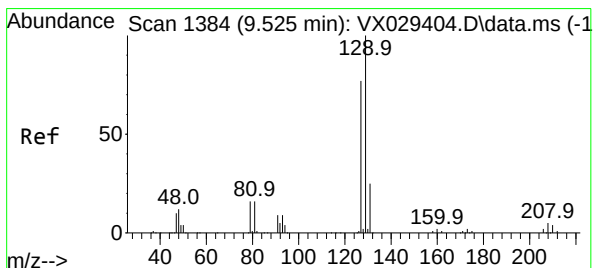
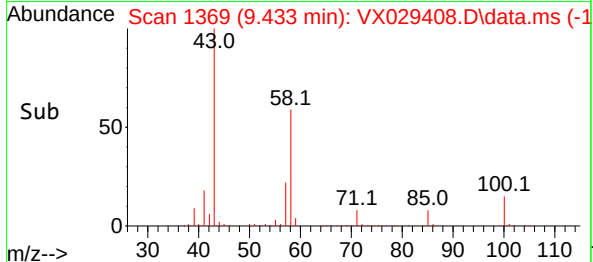
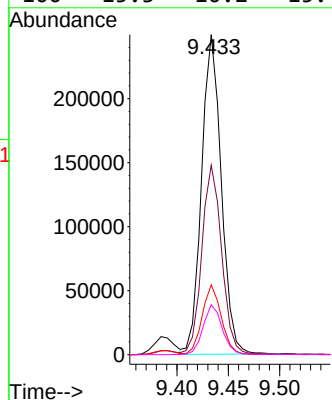
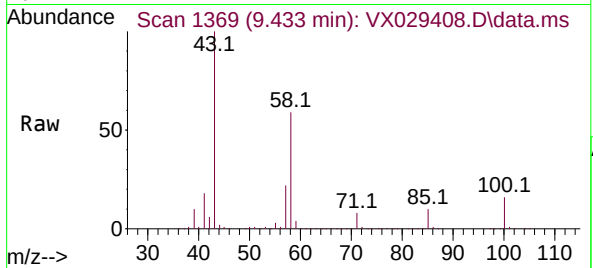




#48
2-Hexanone
Concen: 99.907 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

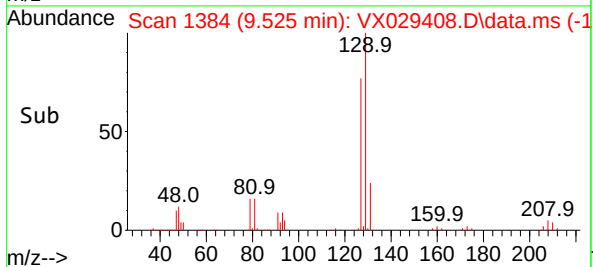
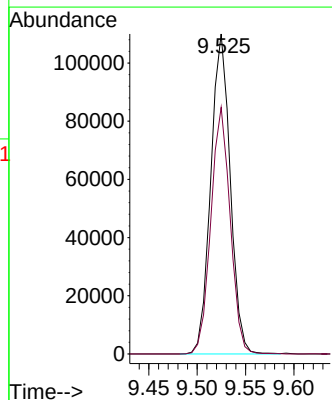
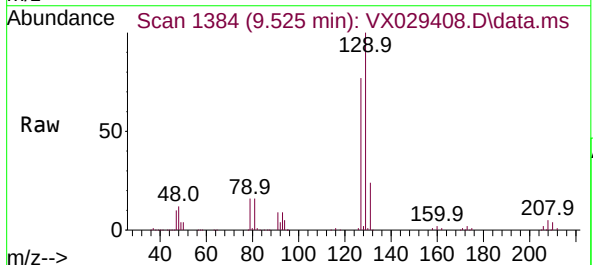
Instrument :
MSVOA_X
ClientSampleId :
VICV671

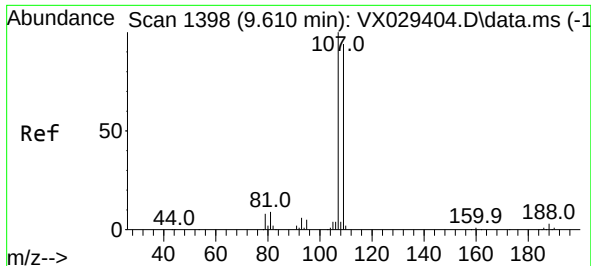
Tgt Ion: 43 Resp: 333747
Ion Ratio Lower Upper
43 100
58 59.9 42.9 64.3
57 21.3 15.3 22.9
100 15.3 10.2 15.4



#49
Dibromochloromethane
Concen: 48.327 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

Tgt Ion: 129 Resp: 153545
Ion Ratio Lower Upper
129 100
127 77.1 54.3 100.9





#50

1,2-Dibromoethane

Concen: 48.711 ug/L

RT: 9.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029408.D

Acq: 13 Jun 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VICV671

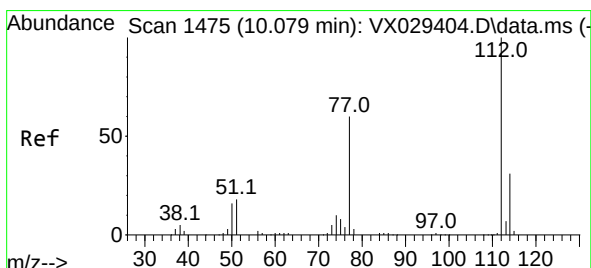
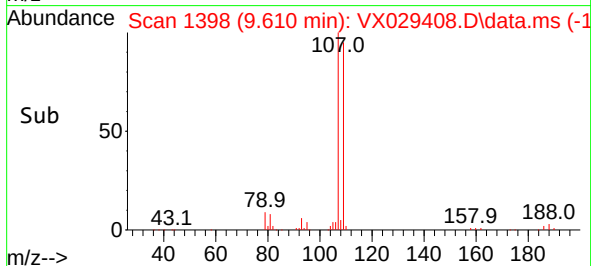
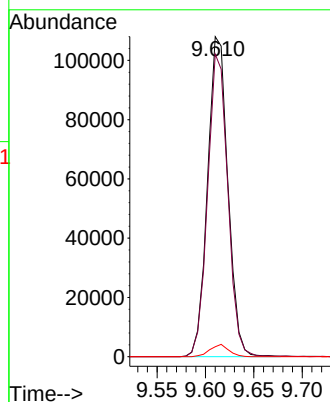
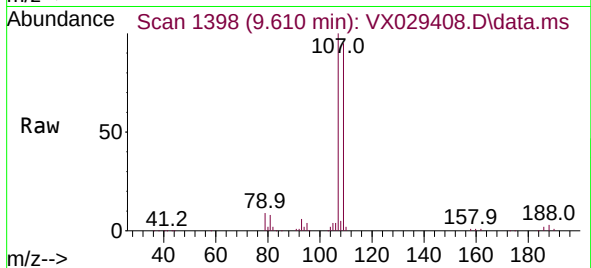
Tgt Ion:107 Resp: 158411

Ion Ratio Lower Upper

107 100

109 94.6 64.9 120.5

188 3.1 2.7 4.1



#51

Chlorobenzene

Concen: 48.363 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX029408.D

Acq: 13 Jun 2022 12:35

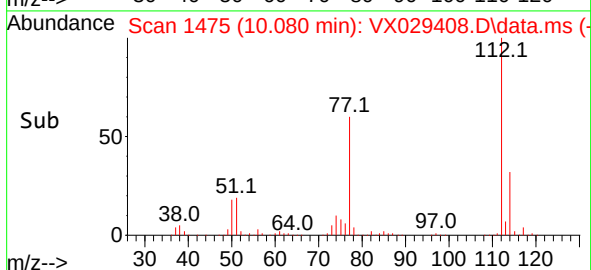
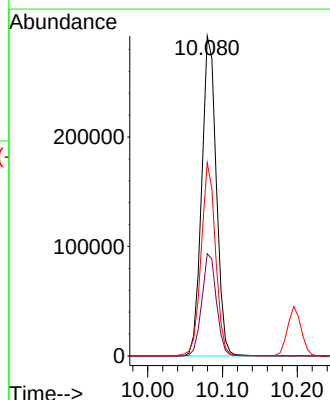
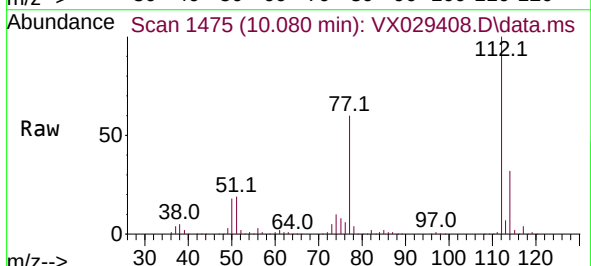
Tgt Ion:112 Resp: 395906

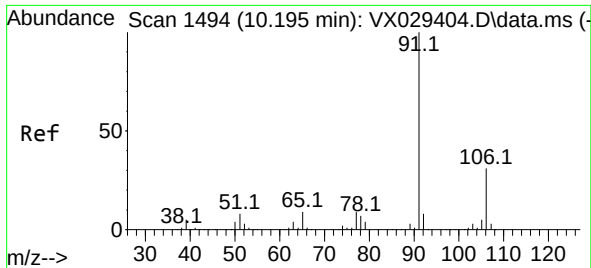
Ion Ratio Lower Upper

112 100

114 31.9 22.2 41.2

77 60.4 45.9 68.9

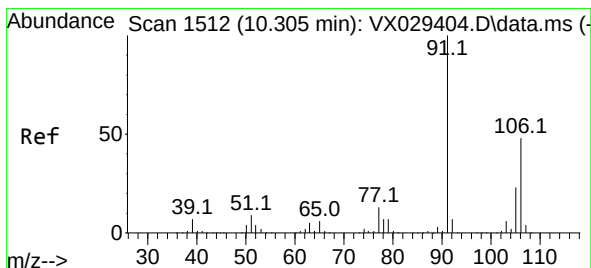
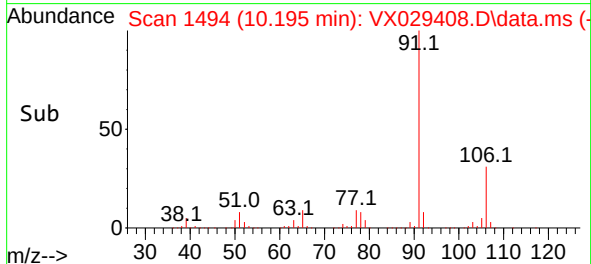
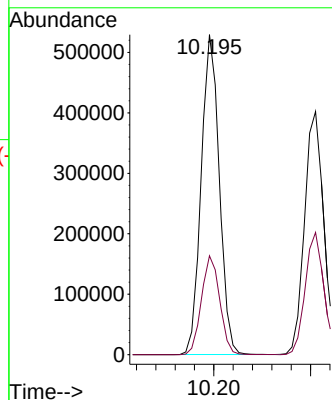
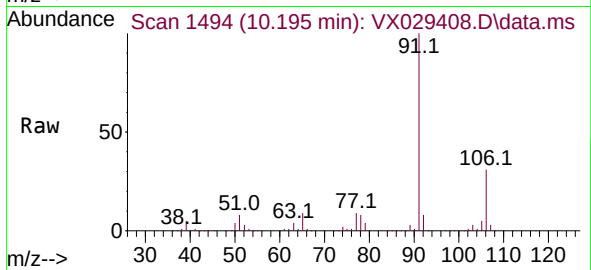




#52
Ethylbenzene
Concen: 48.857 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

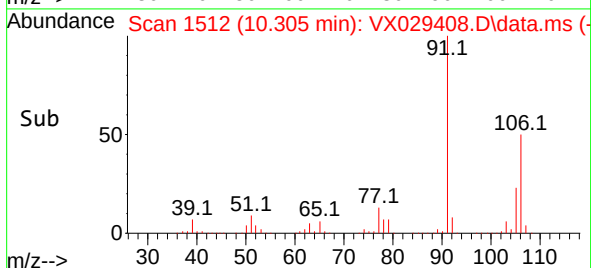
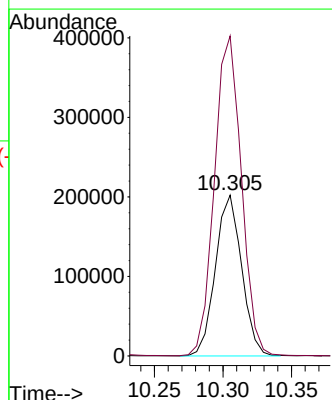
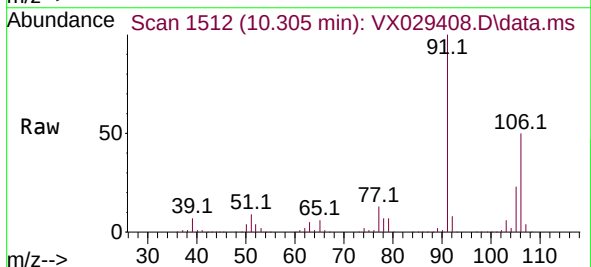
Instrument :
MSVOA_X
ClientSampleId :
VICV671

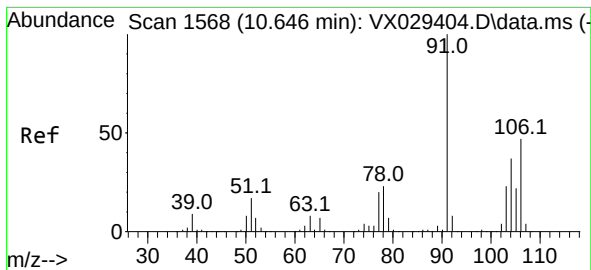
Tgt Ion: 91 Resp: 689513
Ion Ratio Lower Upper
91 100
106 30.9 21.7 40.3



#53
m,p-Xylene
Concen: 48.551 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

Tgt Ion: 106 Resp: 268965
Ion Ratio Lower Upper
106 100
91 199.0 145.7 270.5





#54

o-Xylene

Concen: 49.135 ug/L

RT: 10.647 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VX029408.D

Acq: 13 Jun 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

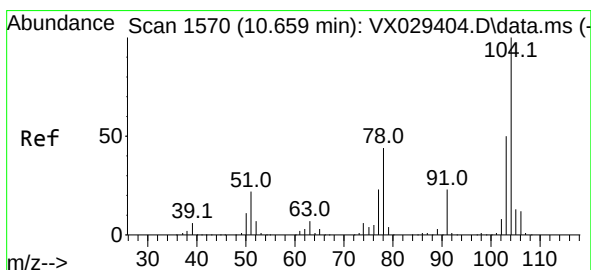
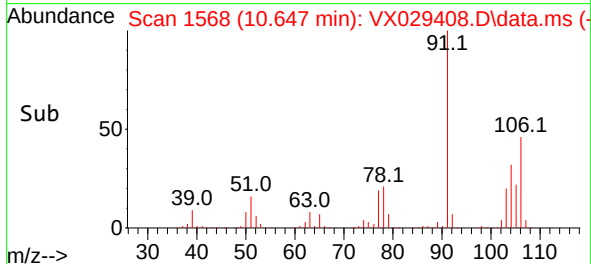
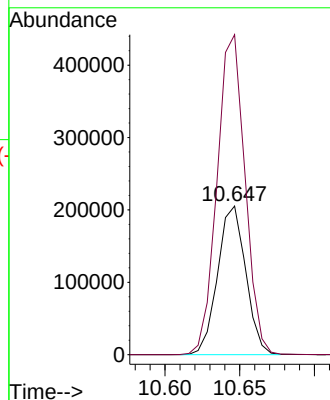
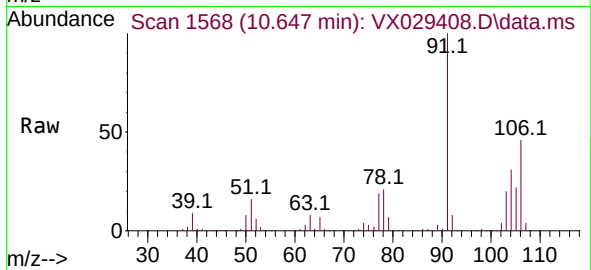
VICV671

Tgt Ion:106 Resp: 268466

Ion Ratio Lower Upper

106 100

91 215.3 151.2 280.8



#55

Styrene

Concen: 49.774 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX029408.D

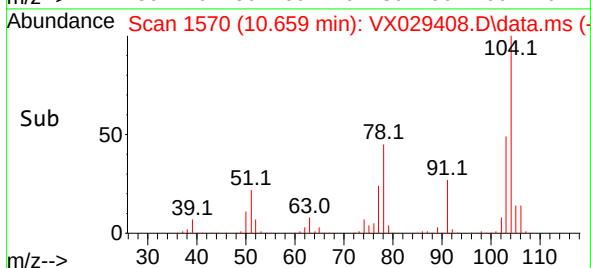
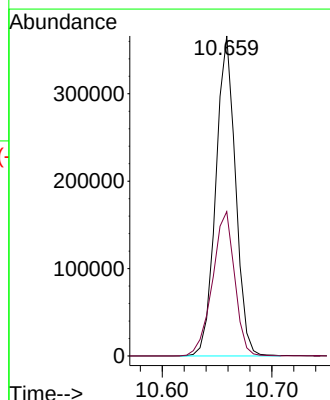
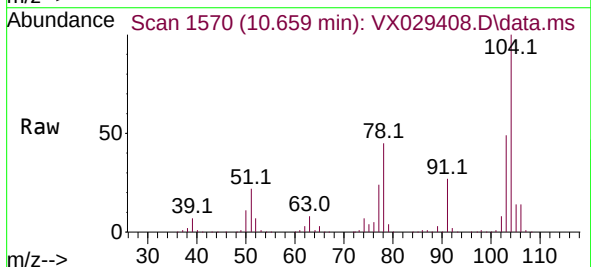
Acq: 13 Jun 2022 12:35

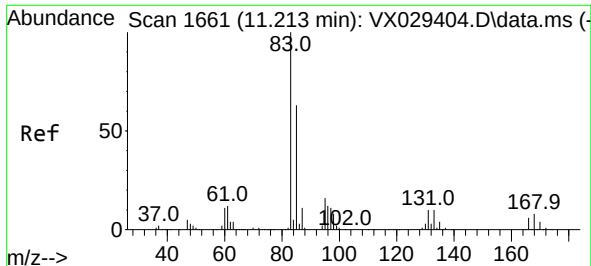
Tgt Ion:104 Resp: 457214

Ion Ratio Lower Upper

104 100

78 45.1 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 49.754 ug/L

RT: 11.214 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029408.D

Acq: 13 Jun 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VICV671

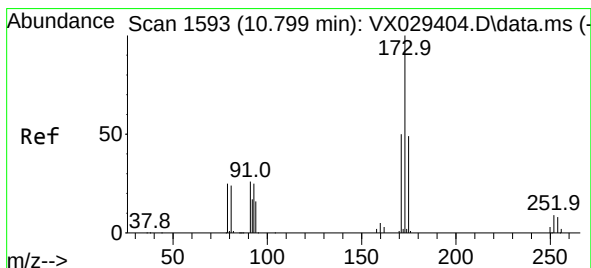
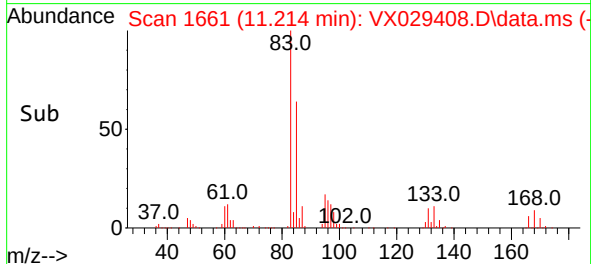
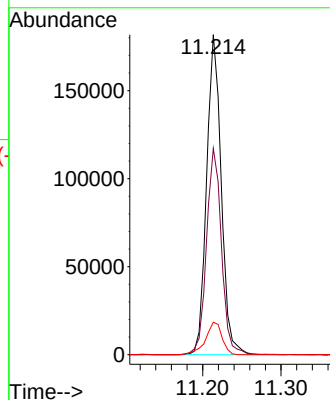
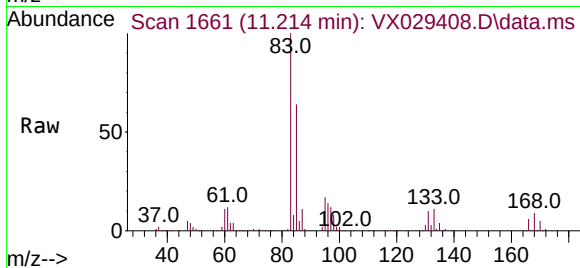
Tgt Ion: 83 Resp: 234965

Ion Ratio Lower Upper

83 100

85 64.4 45.8 85.2

131 10.2 8.5 12.7



#59

Bromoform

Concen: 48.546 ug/L

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX029408.D

Acq: 13 Jun 2022 12:35

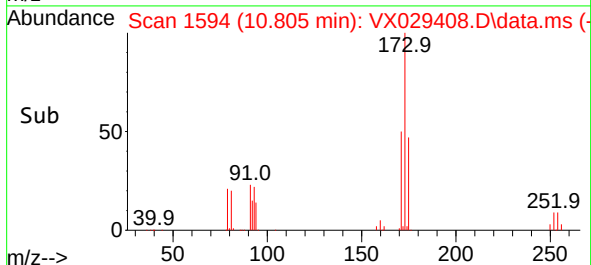
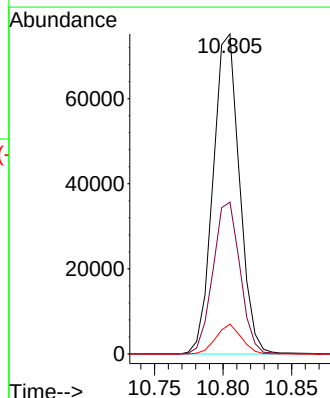
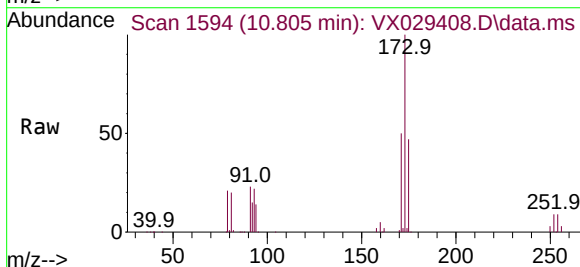
Tgt Ion:173 Resp: 100857

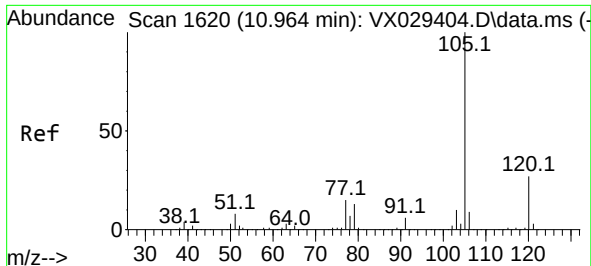
Ion Ratio Lower Upper

173 100

175 48.7 38.9 58.3

254 8.9 7.0 10.6

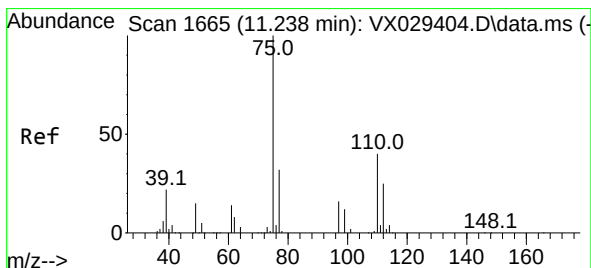
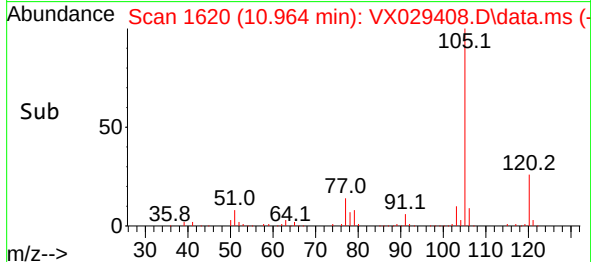
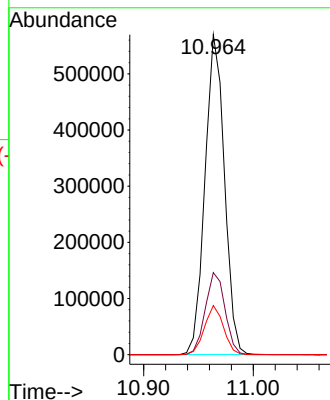
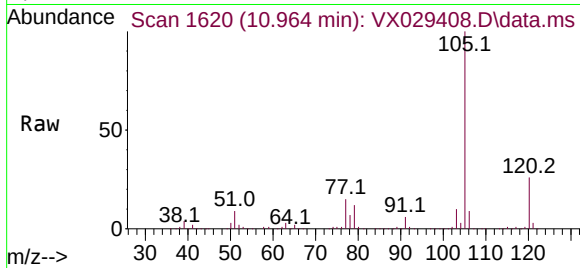




#60
Isopropylbenzene
Concen: 48.185 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

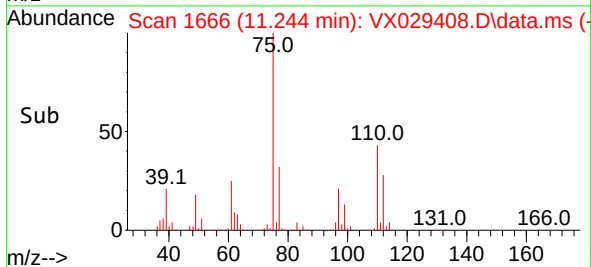
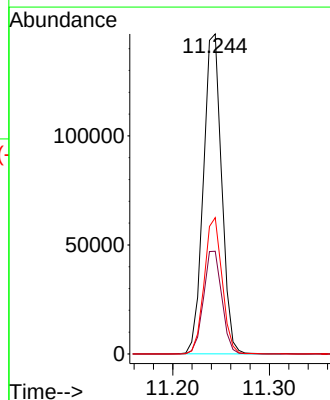
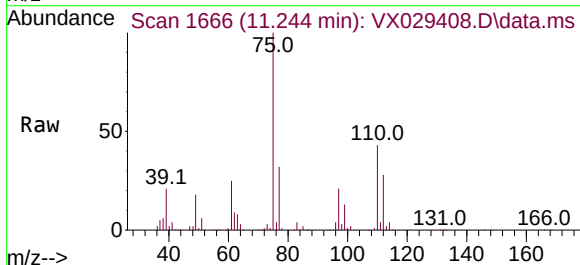
Instrument :
MSVOA_X
ClientSampleId :
VICV671

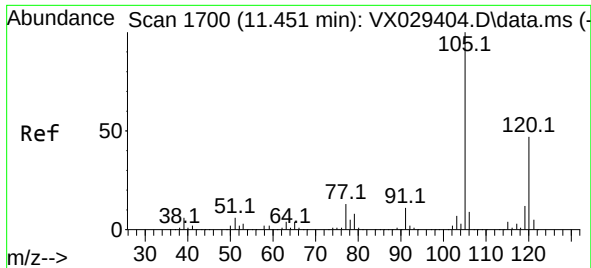
Tgt Ion:105 Resp: 702225
Ion Ratio Lower Upper
105 100
120 26.1 21.2 31.8
77 15.0 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 49.307 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

Tgt Ion: 75 Resp: 192422
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6
110 41.7 33.4 50.0

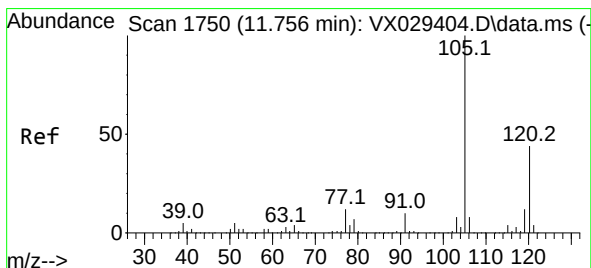
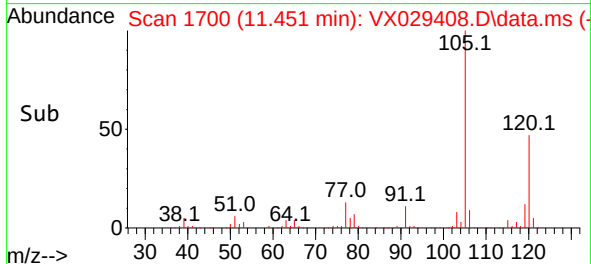
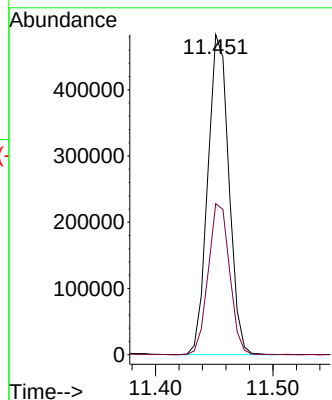
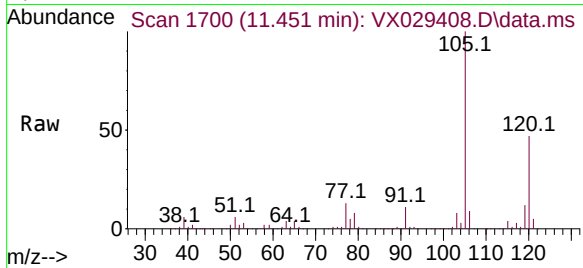




#62
 1,3,5-Trimethylbenzene
 Concen: 48.228 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX029408.D
 Acq: 13 Jun 2022 12:35

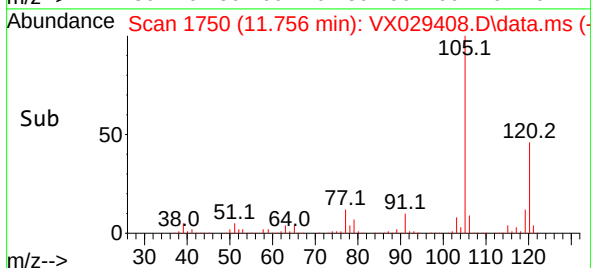
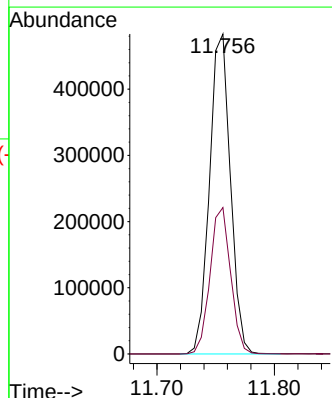
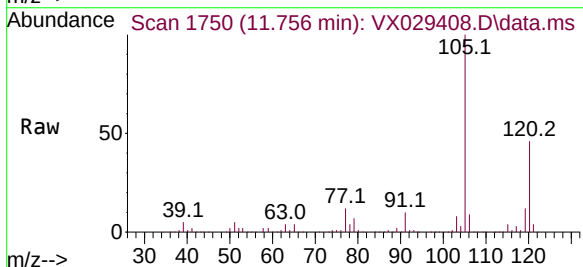
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV671

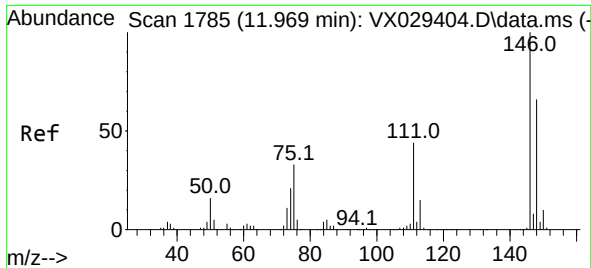
Tgt Ion:105 Resp: 600269
 Ion Ratio Lower Upper
 105 100
 120 47.8 39.1 58.7



#63
 1,2,4-Trimethylbenzene
 Concen: 48.367 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX029408.D
 Acq: 13 Jun 2022 12:35

Tgt Ion:105 Resp: 597730
 Ion Ratio Lower Upper
 105 100
 120 45.1 36.1 54.1

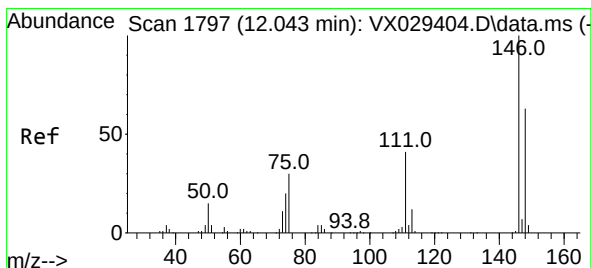
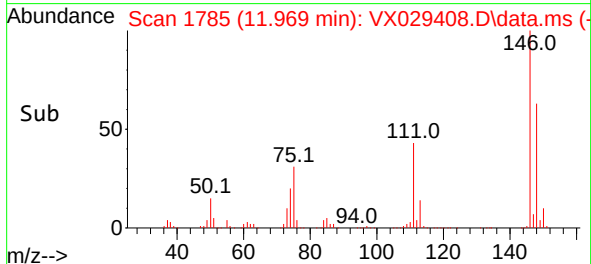
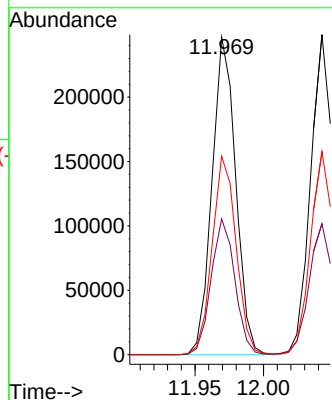
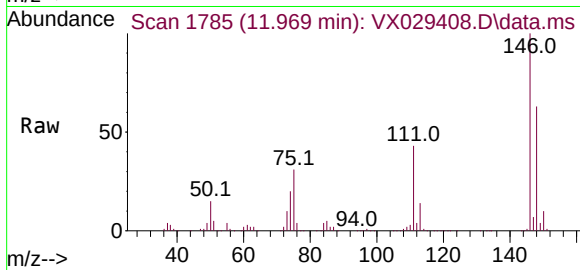




#64
1,3-Dichlorobenzene
Concen: 48.919 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

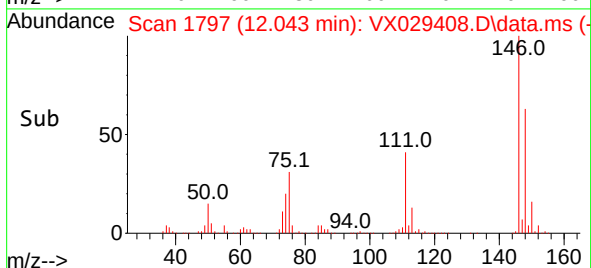
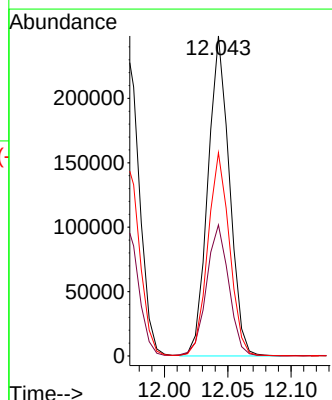
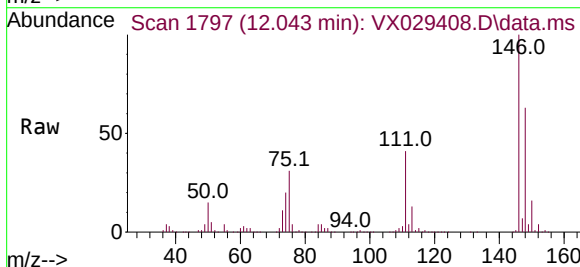
Instrument :
MSVOA_X
ClientSampleId :
VICV671

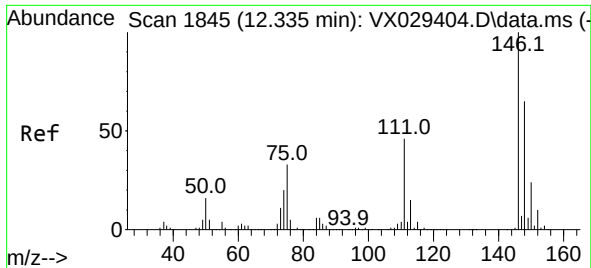
Tgt Ion:146 Resp: 295337
Ion Ratio Lower Upper
146 100
111 42.8 28.3 52.7
148 62.5 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 48.281 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

Tgt Ion:146 Resp: 294251
Ion Ratio Lower Upper
146 100
111 41.0 26.5 49.3
148 63.5 43.5 80.7

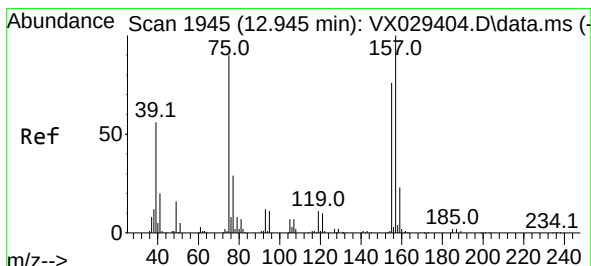
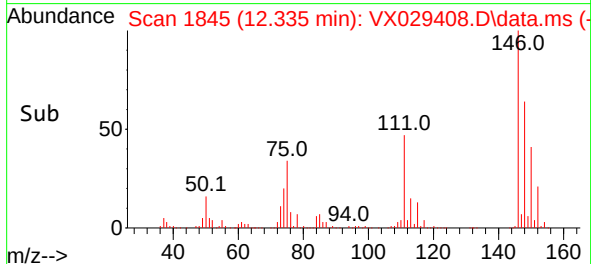
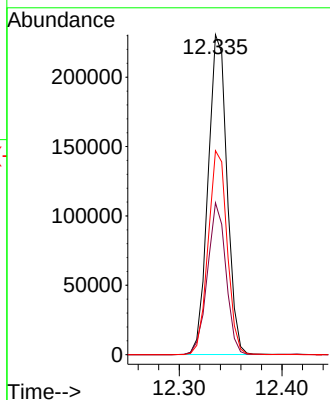
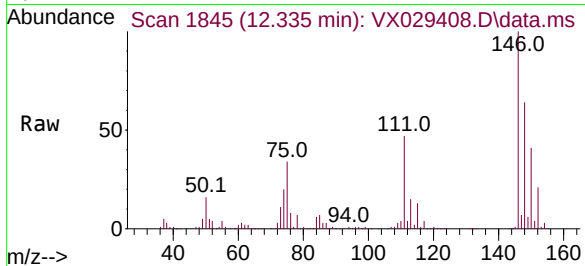




#67
1,2-Dichlorobenzene
Concen: 48.426 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

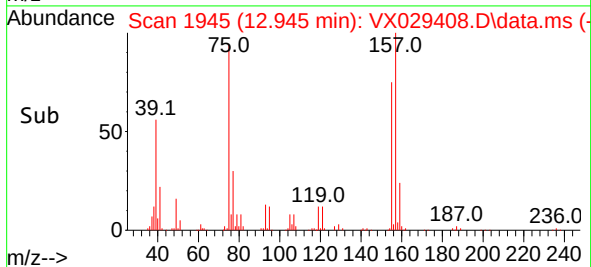
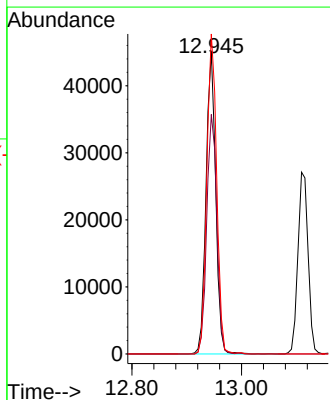
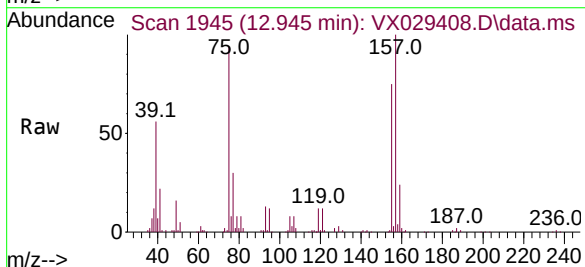
Instrument :
MSVOA_X
ClientSampleId :
VICV671

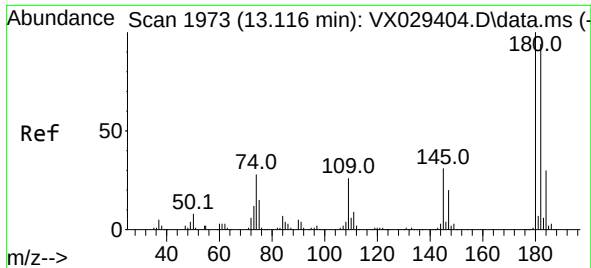
Tgt Ion:146 Resp: 294877
Ion Ratio Lower Upper
146 100
111 47.5 34.5 51.7
148 63.7 51.9 77.9



#68
1,2-Dibromo-3-chloropropane
Concen: 51.155 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

Tgt Ion: 75 Resp: 54906
Ion Ratio Lower Upper
75 100
155 79.4 71.6 107.4
157 106.0 93.8 140.6

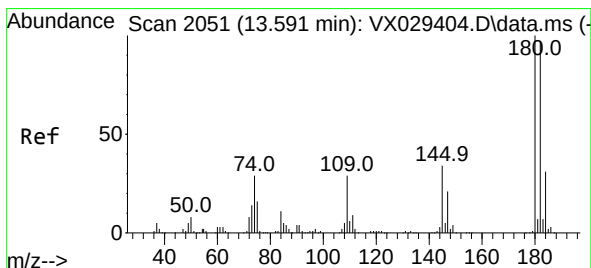
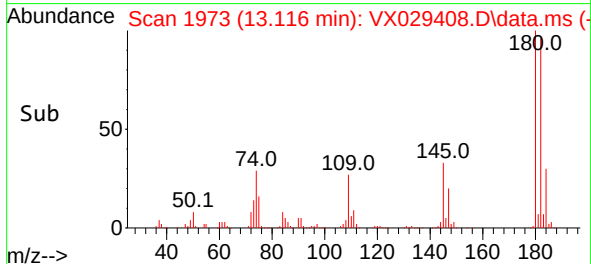
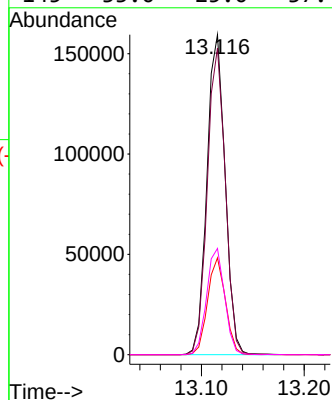
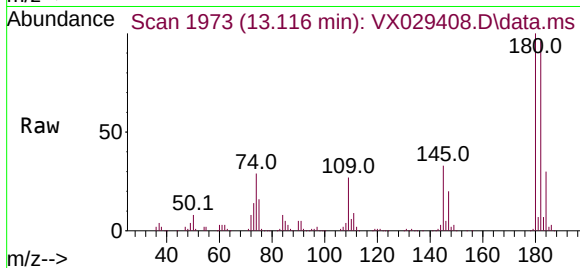




#69
1,3,5-Trichlorobenzene
Concen: 47.413 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

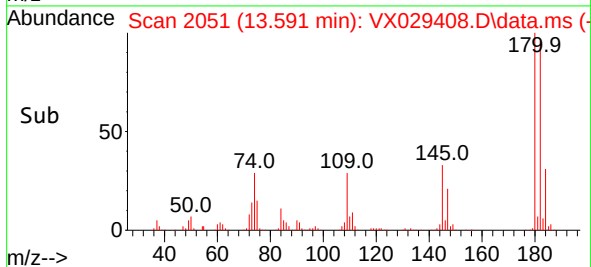
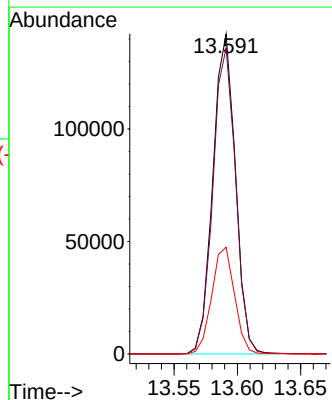
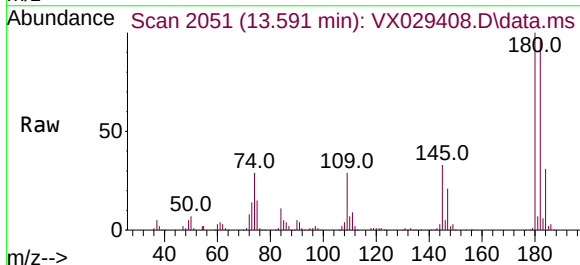
Instrument :
MSVOA_X
ClientSampleId :
VICV671

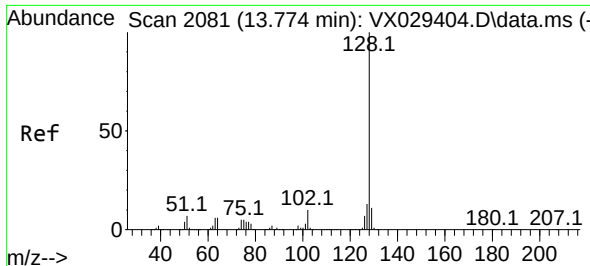
Tgt Ion:180 Resp: 195878
Ion Ratio Lower Upper
180 100
182 94.9 75.6 113.4
184 29.8 23.6 35.4
145 33.0 25.0 37.4



#70
1,2,4-trichlorobenzene
Concen: 47.412 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

Tgt Ion:180 Resp: 176412
Ion Ratio Lower Upper
180 100
182 96.1 75.4 113.2
145 33.8 25.0 37.4

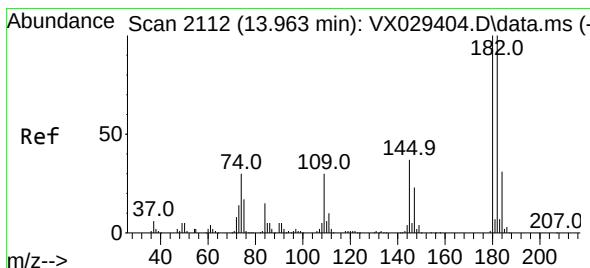
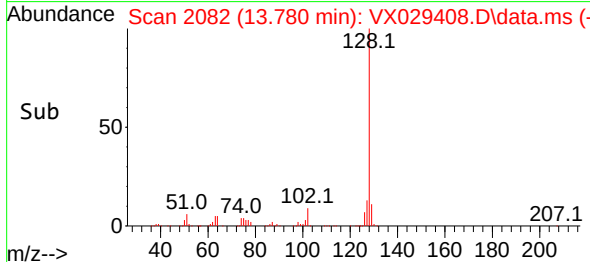
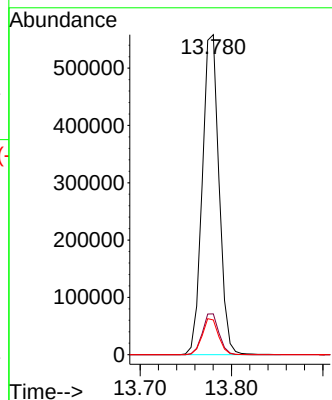
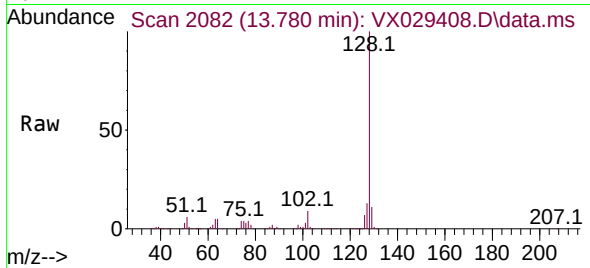




#71
Naphthalene
Concen: 51.644 ug/L
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VICV671

Tgt Ion:128 Resp: 707685
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 48.527 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX029408.D
Acq: 13 Jun 2022 12:35

Tgt Ion:180 Resp: 182401
Ion Ratio Lower Upper
180 100
182 94.7 77.0 115.4
145 36.3 27.4 41.0

