

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029271.D
 Acq On : 07 Jun 2022 05:08
 Operator : JC/MD
 Sample : N3166-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20220531

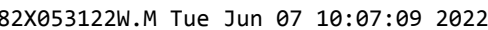
Quant Time: Jun 07 10:07:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

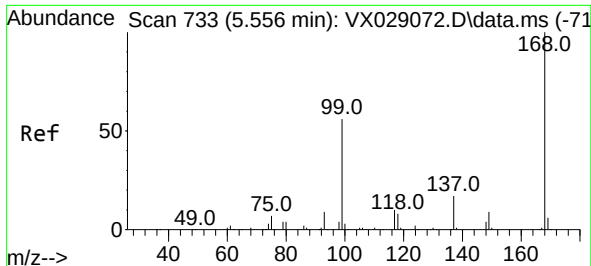
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	311218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	584254	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	580247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	271486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	217870	62.081	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 124.160%	
35) Dibromofluoromethane	5.385	113	195832	50.462	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.920%	
50) Toluene-d8	8.653	98	694994	48.966	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.940%	
62) 4-Bromofluorobenzene	11.079	95	285474	52.032	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 104.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	1407	0.497	ug/l #	87
4) Vinyl Chloride	1.374	62	3120	1.002	ug/l #	70
5) Bromomethane	1.618	94	859	Below Cal		92
6) Chloroethane	1.679	64	997	1.759	ug/l #	76
10) Methyl Iodide	2.465	142	544	4.369	ug/l #	83
11) Tert butyl alcohol	2.947	59	1688	2.076	ug/l #	72
14) Allyl chloride	2.569	41	1368	0.325	ug/l #	25
16) Acetone	2.386	43	5272	3.815	ug/l	98
18) Methyl Acetate	2.703	43	824	0.231	ug/l #	64
21) trans-1,2-Dichloroethene	3.093	96	1177	0.372	ug/l #	75
25) 2-Butanone	4.715	43	121629	54.562	ug/l #	44
27) cis-1,2-Dichloroethene	4.495	96	45495	12.055	ug/l	87
29) Tetrahydrofuran	5.038	42	1171	0.819	ug/l #	68
31) Cyclohexane	5.550	56	6065	1.329	ug/l #	11
36) 1,1-Dichloropropene	5.556	75	25028	5.012	ug/l #	50
37) Ethyl Acetate	4.715	43	122007	25.212	ug/l	99
38) Carbon Tetrachloride	5.556	117	32337	5.667	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	140157	25.467	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	140157	74.715	ug/l #	15

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

Quant Time: Jun 07 10:07:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration

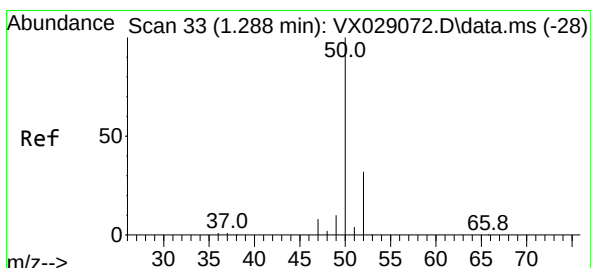
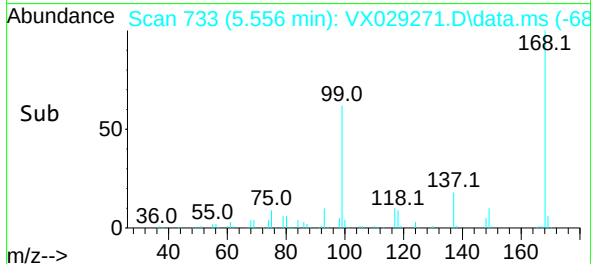
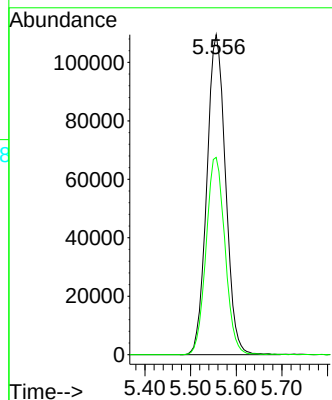
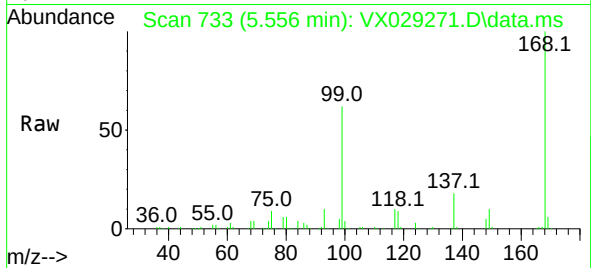




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029271.D
Acq: 07 Jun 2022 05:08

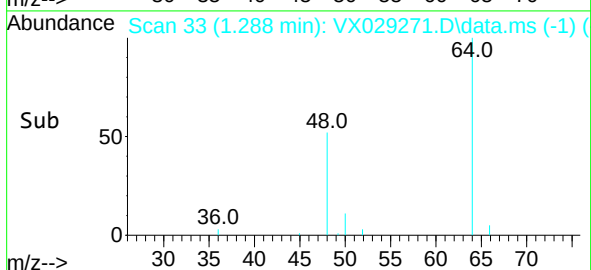
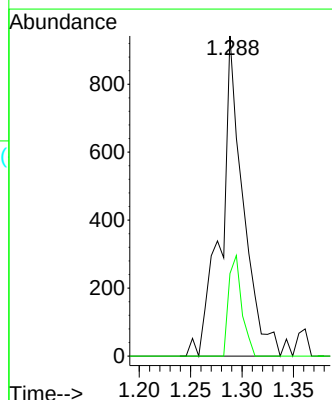
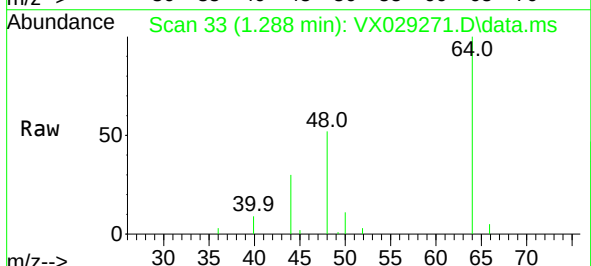
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220531

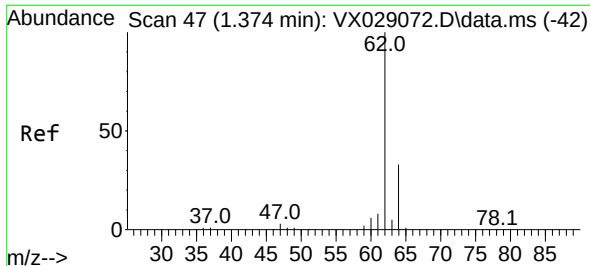
Tgt Ion:168 Resp: 311218
Ion Ratio Lower Upper
168 100
99 61.7 41.7 62.5



#3
Chloromethane
Concen: 0.497 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029271.D
Acq: 07 Jun 2022 05:08

Tgt Ion: 50 Resp: 1407
Ion Ratio Lower Upper
50 100
52 25.8 26.4 39.6

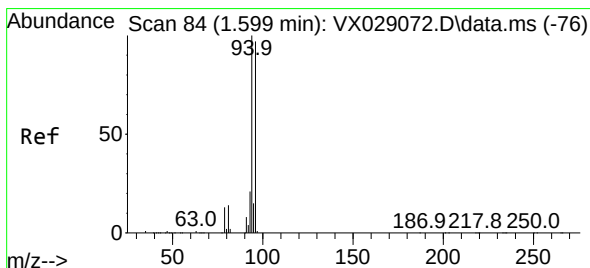
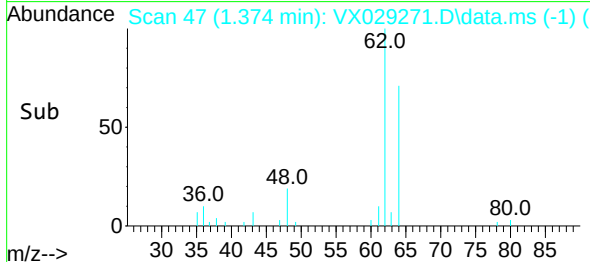
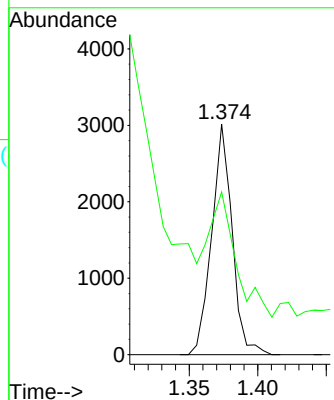
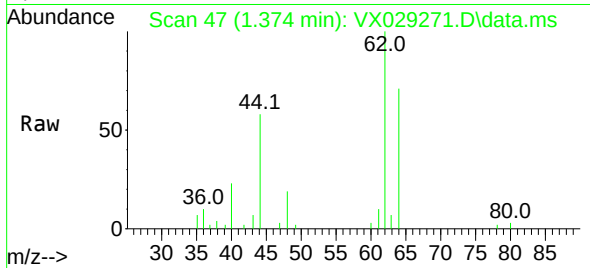




#4
 Vinyl Chloride
 Concen: 1.002 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX029271.D
 Acq: 07 Jun 2022 05:08

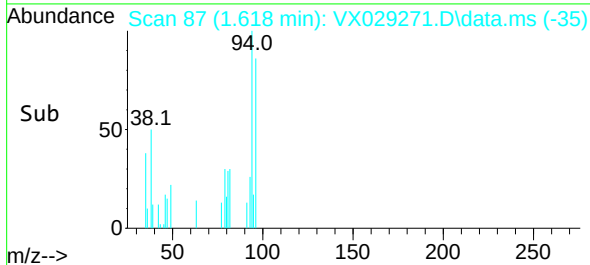
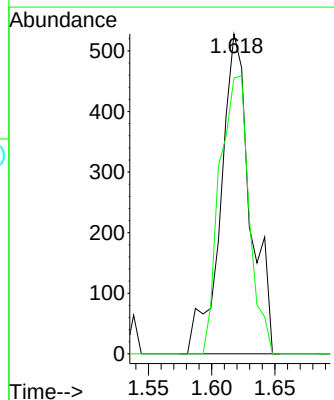
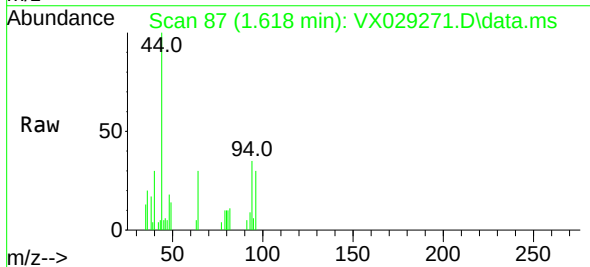
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20220531

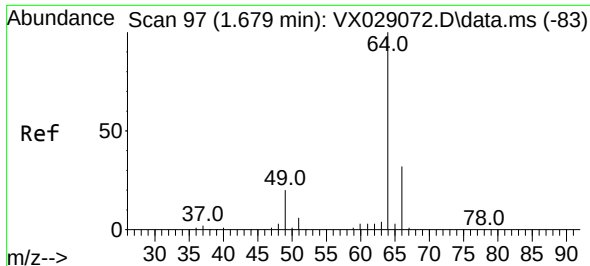
Tgt Ion: 62 Resp: 3120
 Ion Ratio Lower Upper
 62 100
 64 48.4 25.5 38.3#



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.618 min Scan# 87
 Delta R.T. 0.019 min
 Lab File: VX029271.D
 Acq: 07 Jun 2022 05:08

Tgt Ion: 94 Resp: 859
 Ion Ratio Lower Upper
 94 100
 96 86.2 75.3 112.9

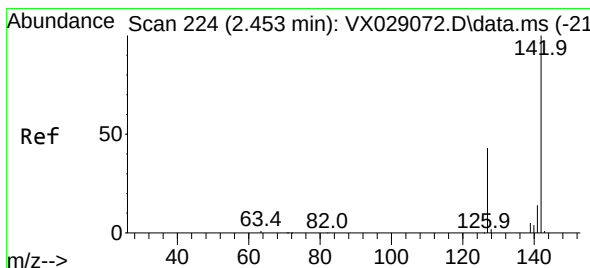
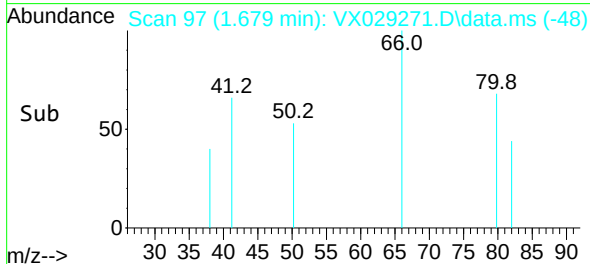
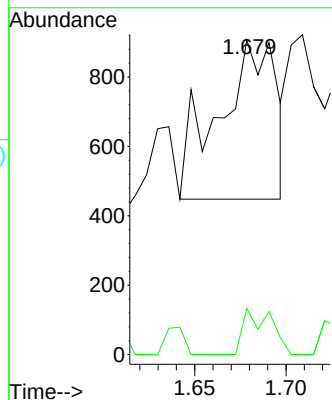
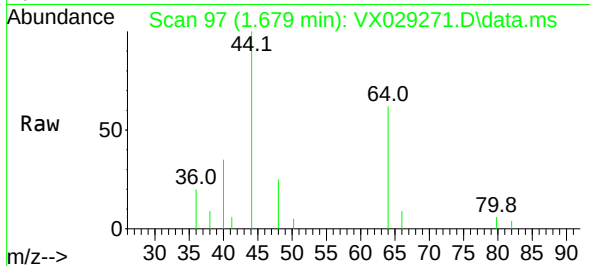




#6
Chloroethane
Concen: 1.759 ug/l
RT: 1.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029271.D
Acq: 07 Jun 2022 05:08

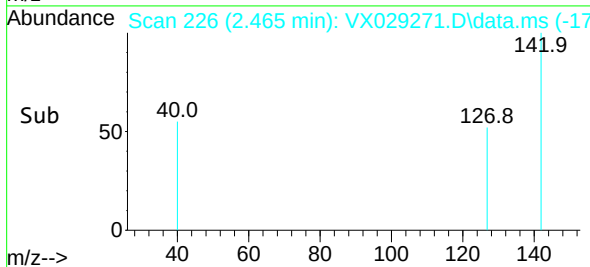
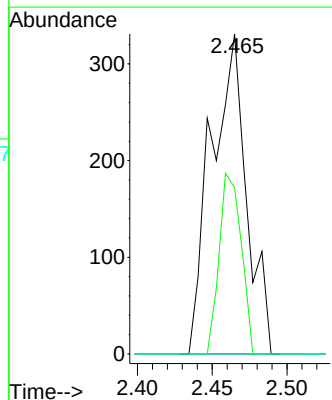
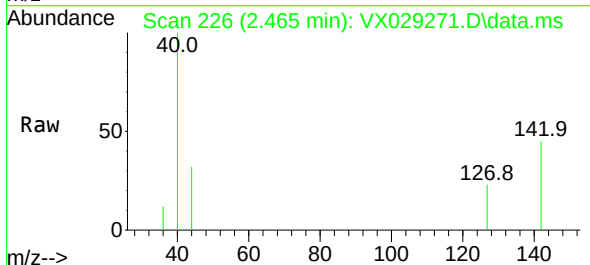
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220531

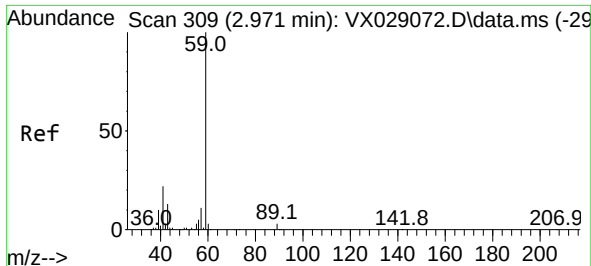
Tgt Ion: 64 Resp: 997
Ion Ratio Lower Upper
64 100
66 18.1 25.3 37.9#



#10
Methyl Iodide
Concen: 4.369 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX029271.D
Acq: 07 Jun 2022 05:08

Tgt Ion: 142 Resp: 544
Ion Ratio Lower Upper
142 100
127 35.1 33.9 50.9
141 0.0 11.4 17.2#

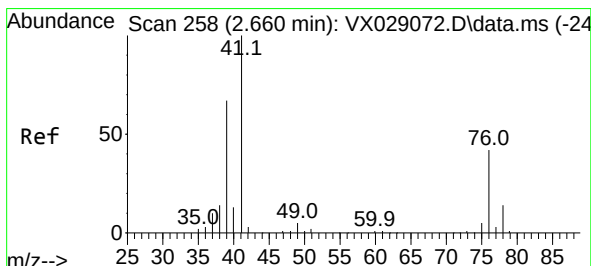
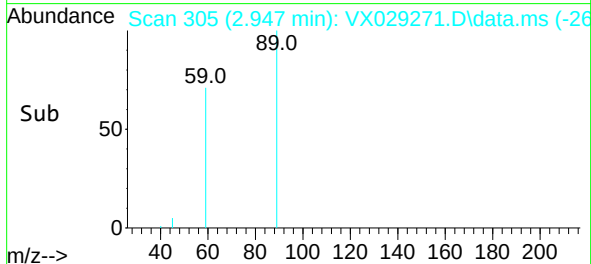
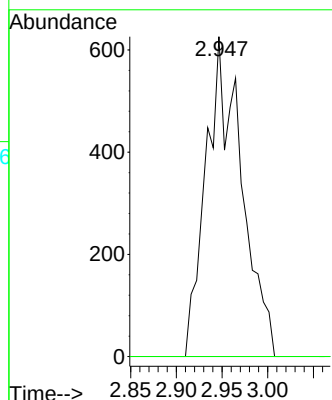
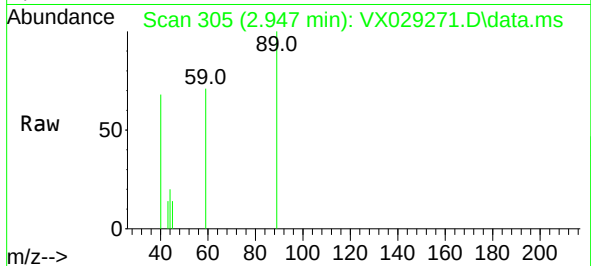




#11
Tert butyl alcohol
Concen: 2.076 ug/l
RT: 2.947 min Scan# 309
Delta R.T. -0.024 min
Lab File: VX029271.D
Acq: 07 Jun 2022 05:08

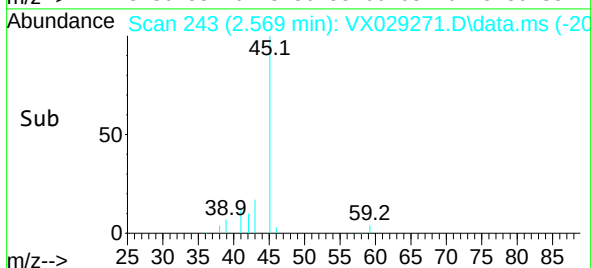
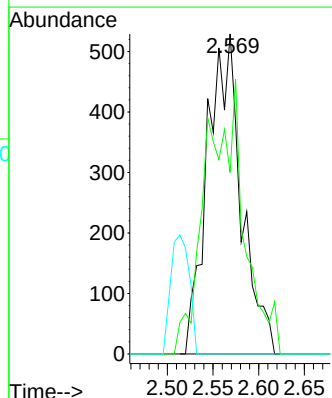
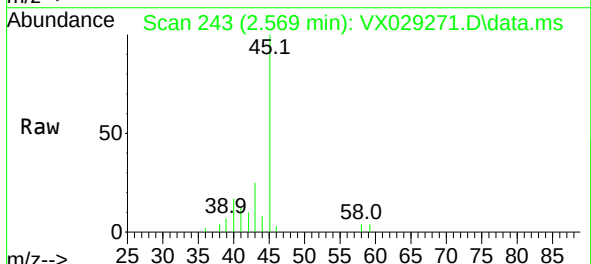
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220531

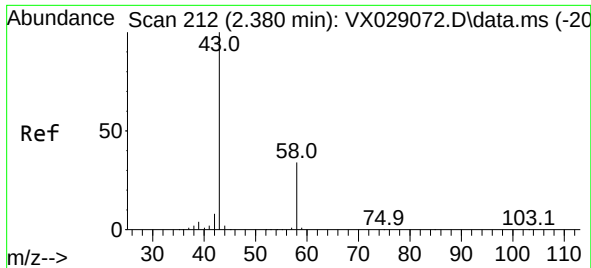
Tgt Ion: 59 Resp: 1688
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#14
Allyl chloride
Concen: 0.325 ug/l
RT: 2.569 min Scan# 243
Delta R.T. -0.091 min
Lab File: VX029271.D
Acq: 07 Jun 2022 05:08

Tgt Ion: 41 Resp: 1368
Ion Ratio Lower Upper
41 100
39 0.0 50.4 75.6#
76 0.0 32.7 49.1#

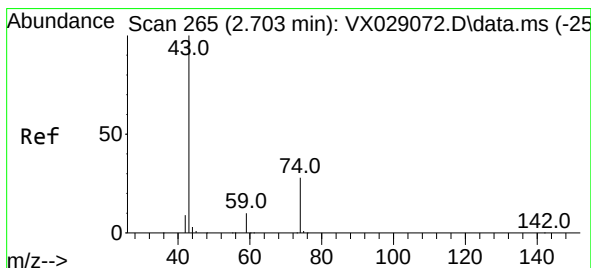
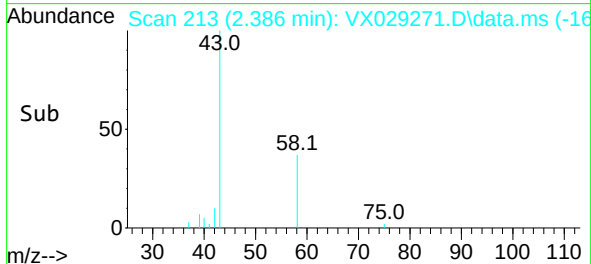
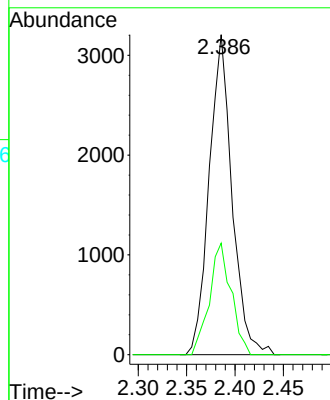
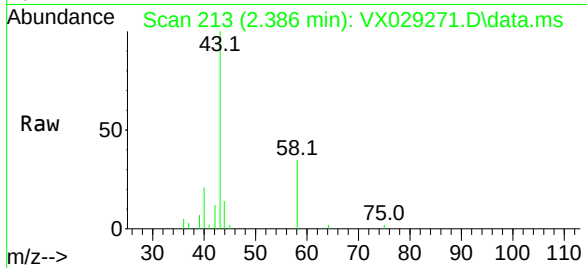




#16
Acetone
Concen: 3.815 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029271.D
Acq: 07 Jun 2022 05:08

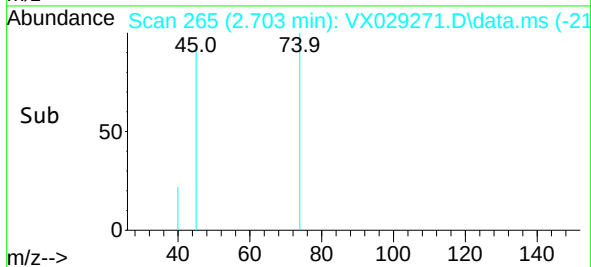
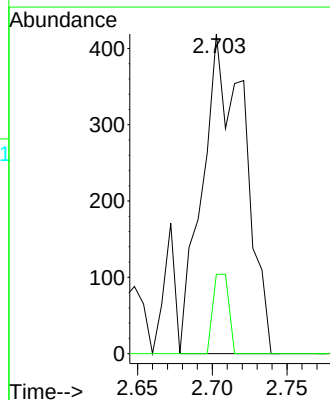
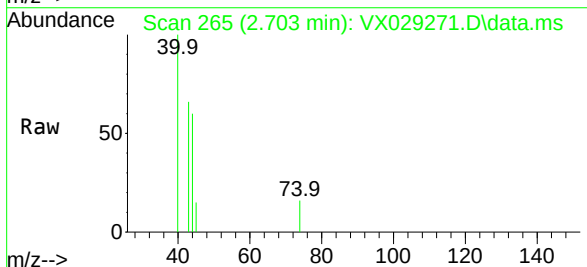
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220531

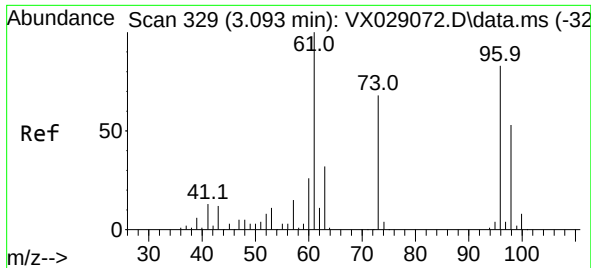
Tgt Ion: 43 Resp: 5272
Ion Ratio Lower Upper
43 100
58 34.9 28.8 43.2



#18
Methyl Acetate
Concen: 0.231 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX029271.D
Acq: 07 Jun 2022 05:08

Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
74 9.2 22.8 34.2#

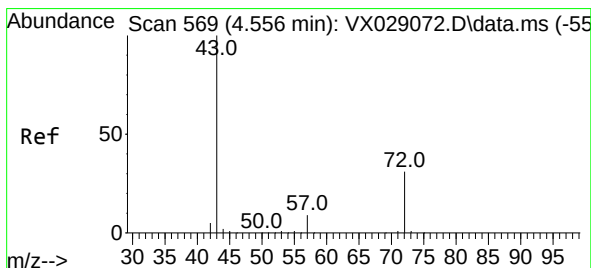
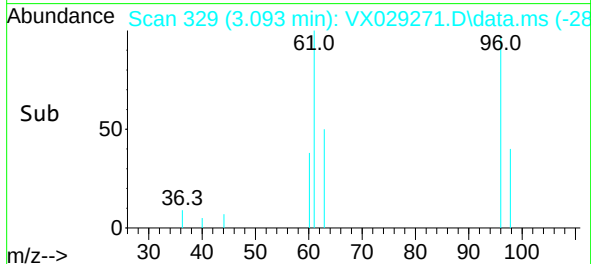
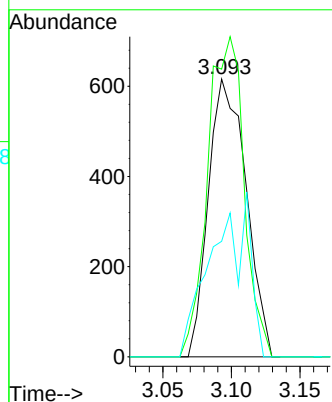
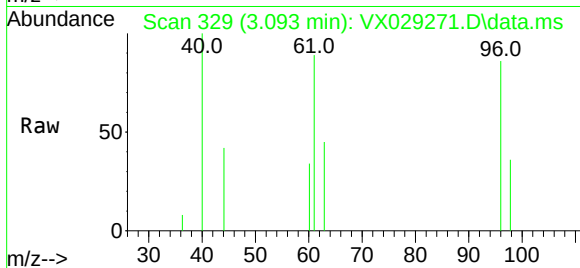




#21
trans-1,2-Dichloroethene
Concen: 0.372 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029271.D
Acq: 07 Jun 2022 05:08

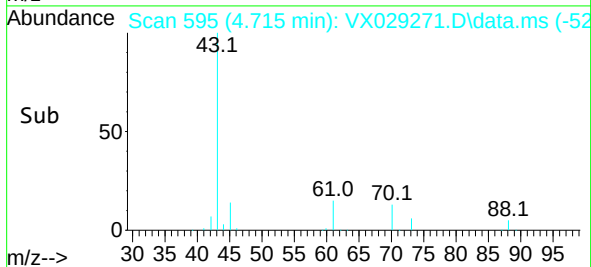
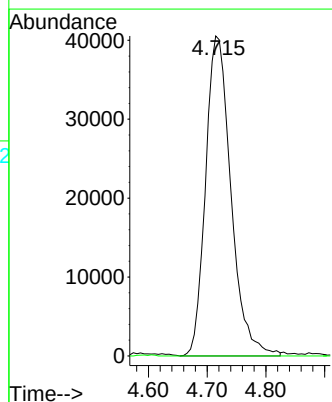
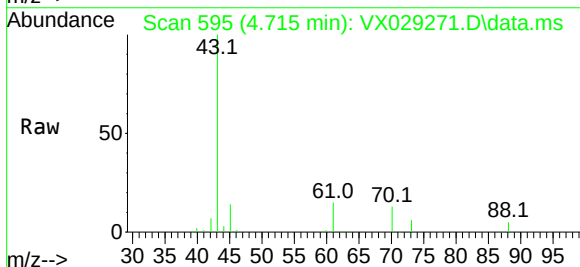
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220531

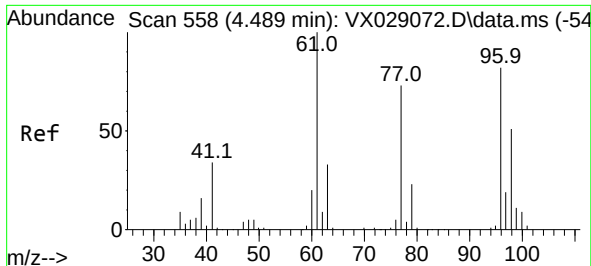
Tgt Ion: 96 Resp: 1177
Ion Ratio Lower Upper
96 100
61 103.6 105.4 158.2#
98 41.6 50.0 75.0#



#25
2-Butanone
Concen: 54.562 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.159 min
Lab File: VX029271.D
Acq: 07 Jun 2022 05:08

Tgt Ion: 43 Resp: 121629
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#





#27

cis-1,2-Dichloroethene

Concen: 12.055 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX029271.D

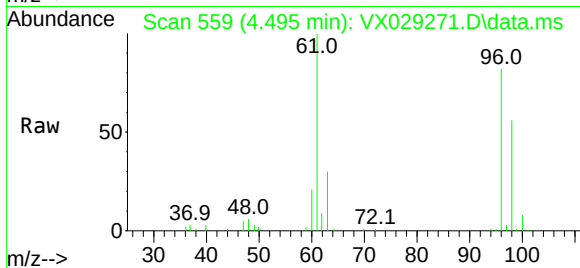
Acq: 07 Jun 2022 05:08

Instrument :

MSVOA_X

ClientSampleId :

DUP06-20220531



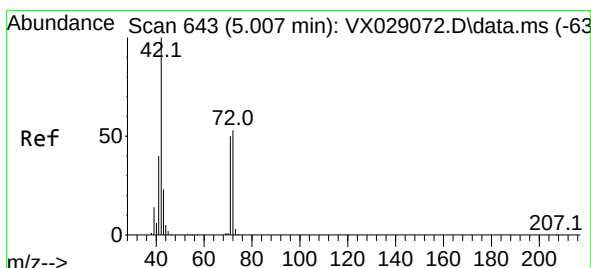
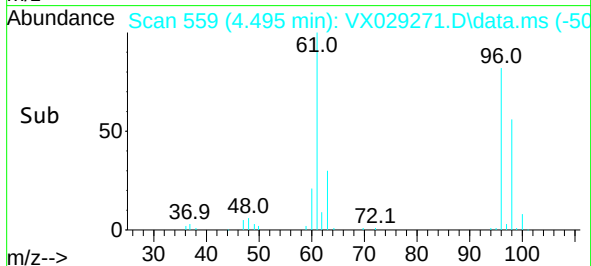
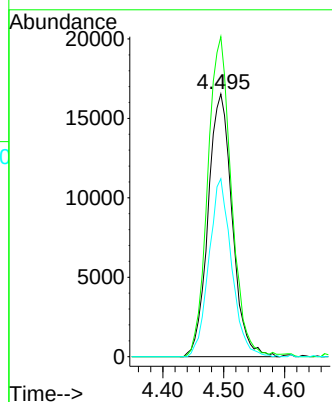
Tgt Ion: 96 Resp: 45495

Ion Ratio Lower Upper

96 100

61 119.9 0.0 283.8

98 63.7 0.0 129.8



#29

Tetrahydrofuran

Concen: 0.819 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.031 min

Lab File: VX029271.D

Acq: 07 Jun 2022 05:08

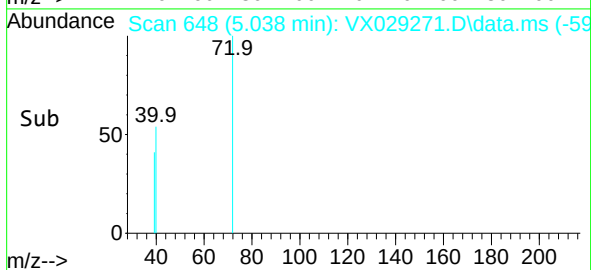
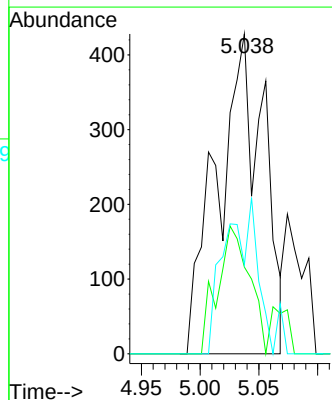
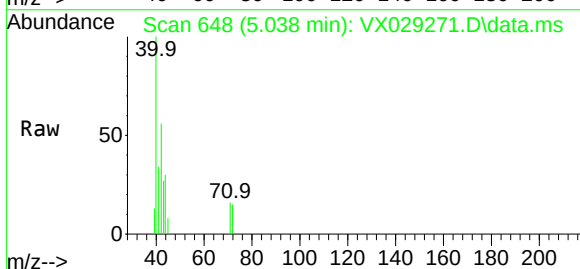
Tgt Ion: 42 Resp: 1171

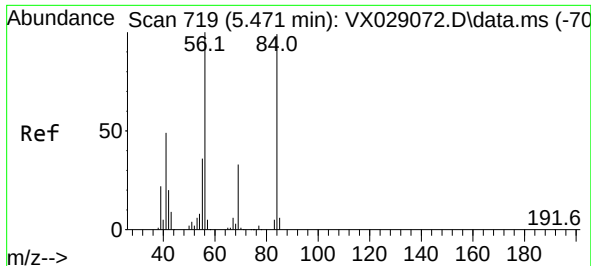
Ion Ratio Lower Upper

42 100

72 27.6 44.1 66.1#

71 33.6 40.5 60.7#

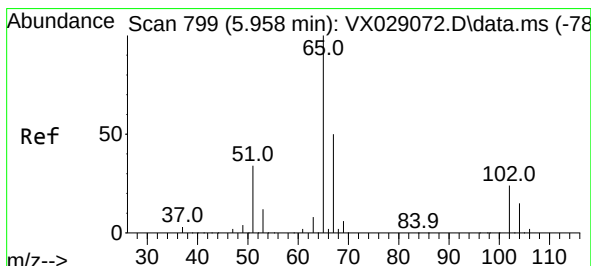
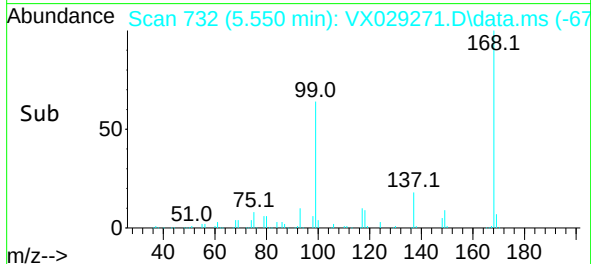
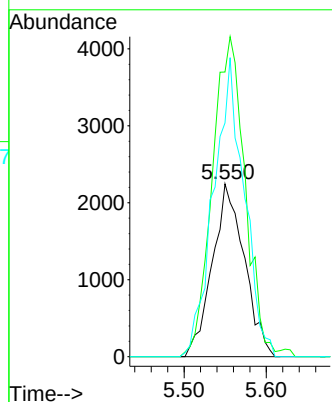
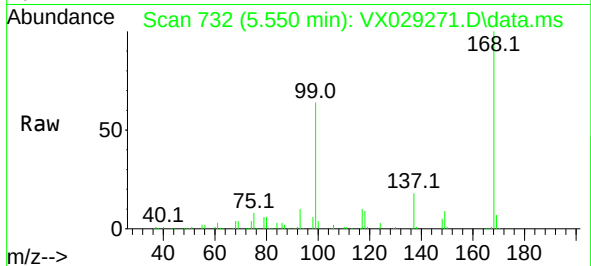




#31
Cyclohexane
Concen: 1.329 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX029271.D
Acq: 07 Jun 2022 05:08

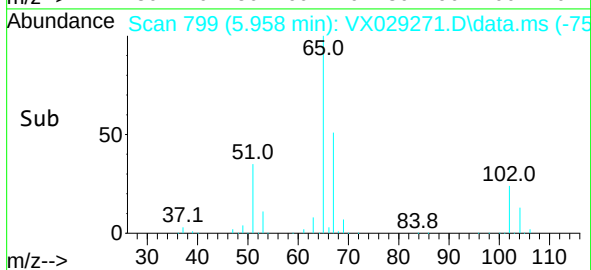
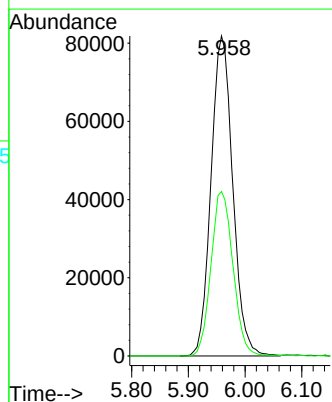
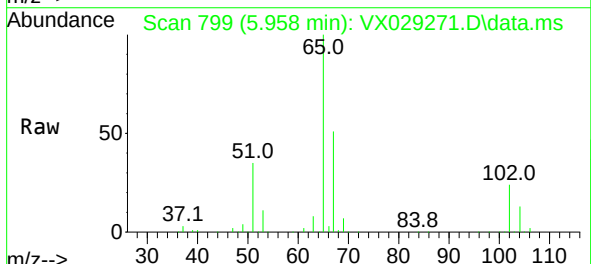
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220531

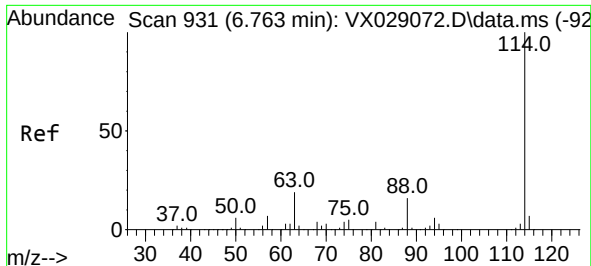
Tgt Ion: 56 Resp: 6065
Ion Ratio Lower Upper
56 100
69 164.7 26.7 40.1#
84 135.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 62.081 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029271.D
Acq: 07 Jun 2022 05:08

Tgt Ion: 65 Resp: 217870
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

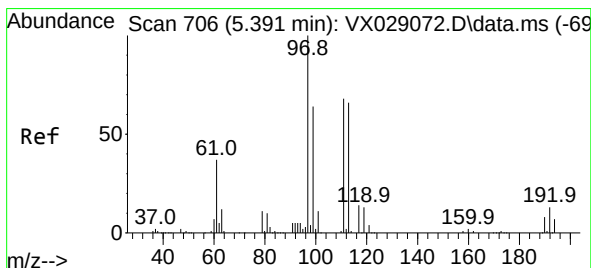
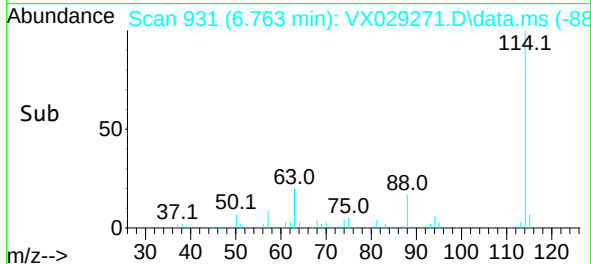
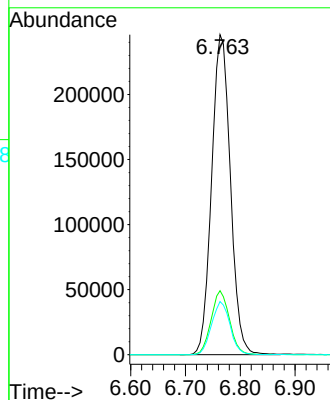
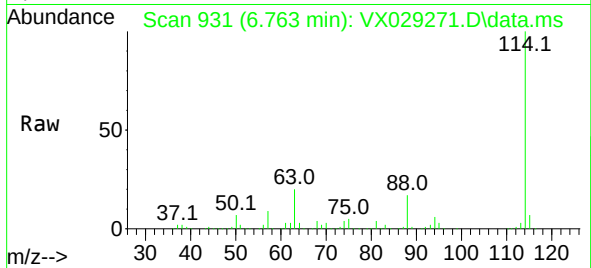




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029271.D
Acq: 07 Jun 2022 05:08

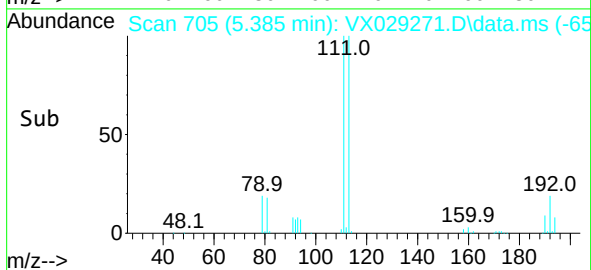
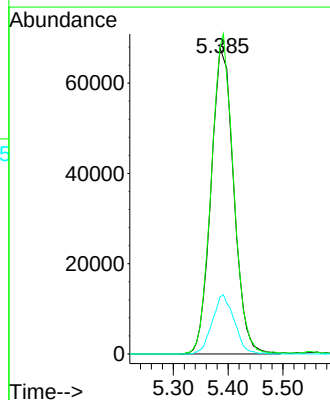
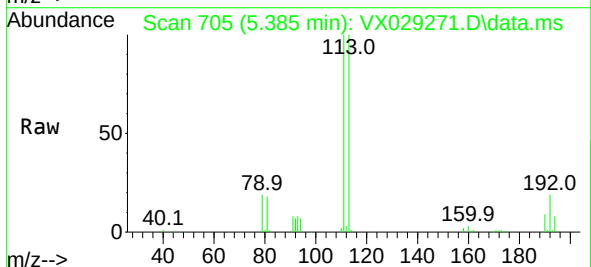
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220531

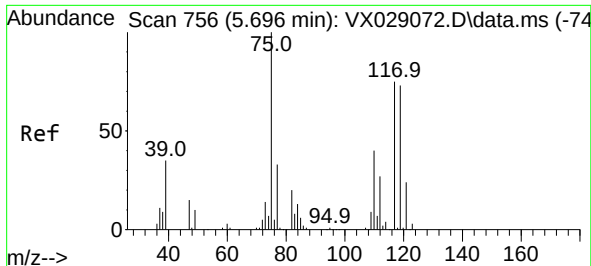
Tgt Ion:114 Resp: 584254
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.8
88 16.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.462 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX029271.D
Acq: 07 Jun 2022 05:08

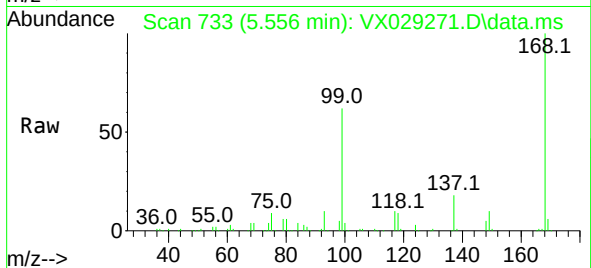
Tgt Ion:113 Resp: 195832
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 18.7 16.9 25.3



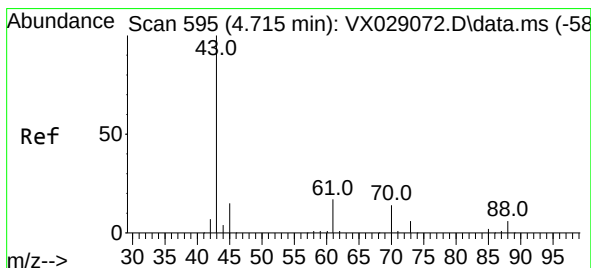
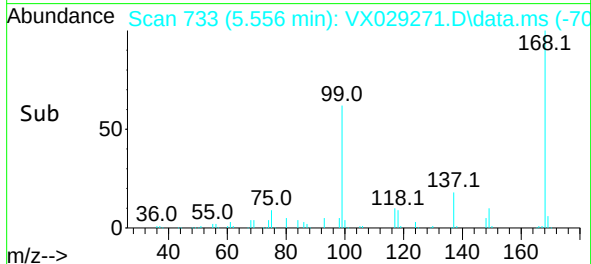
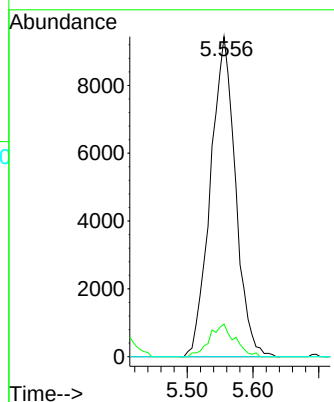


#36
1,1-Dichloropropene
Concen: 5.012 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX029271.D
Acq: 07 Jun 2022 05:08

Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220531

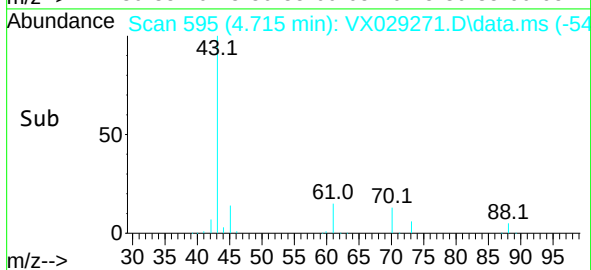
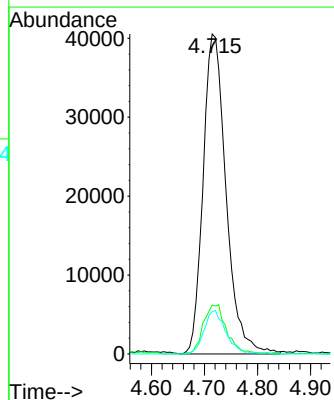
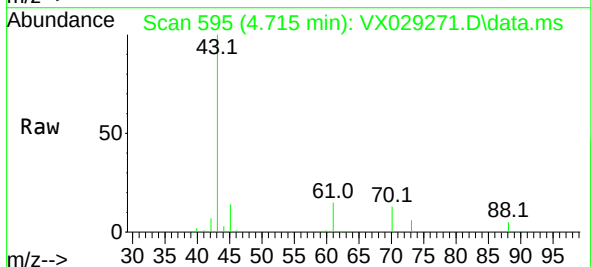


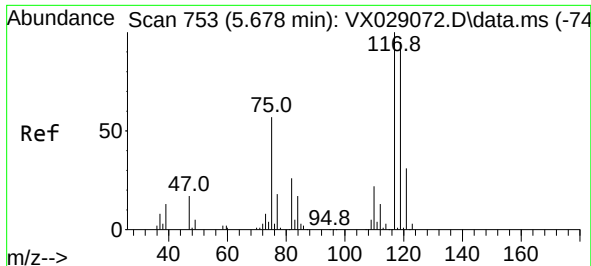
Tgt Ion: 75 Resp: 25028
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 25.212 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX029271.D
Acq: 07 Jun 2022 05:08

Tgt Ion: 43 Resp: 122007
Ion Ratio Lower Upper
43 100
61 15.6 12.6 19.0
70 13.0 10.2 15.2

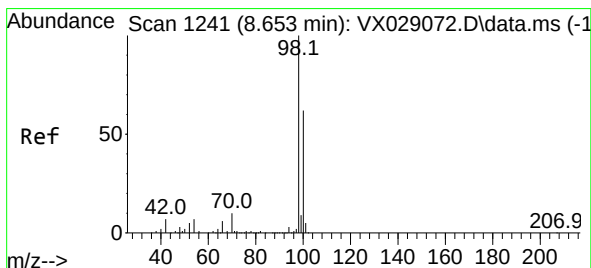
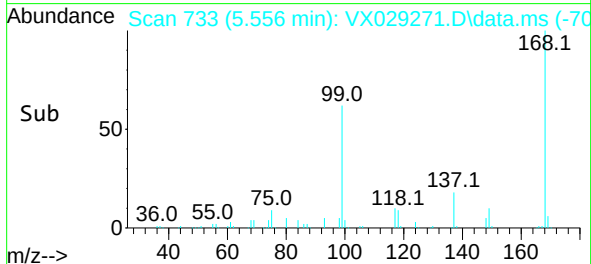
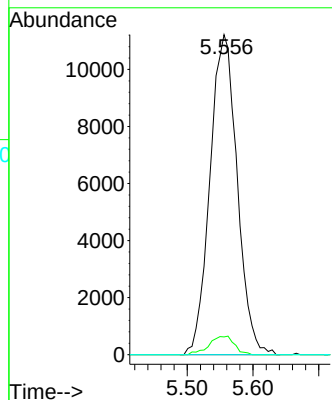
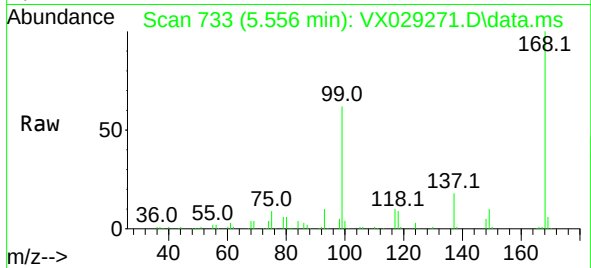




#38
Carbon Tetrachloride
Concen: 5.667 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX029271.D
Acq: 07 Jun 2022 05:08

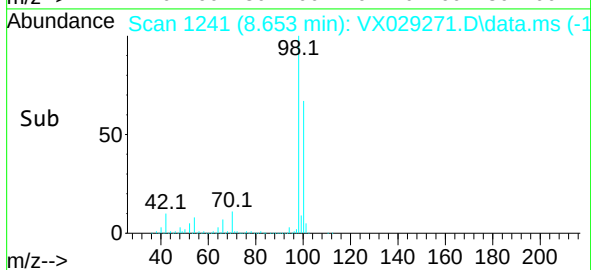
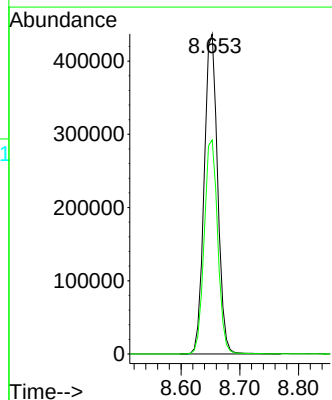
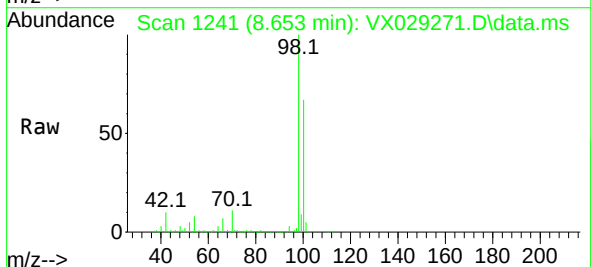
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220531

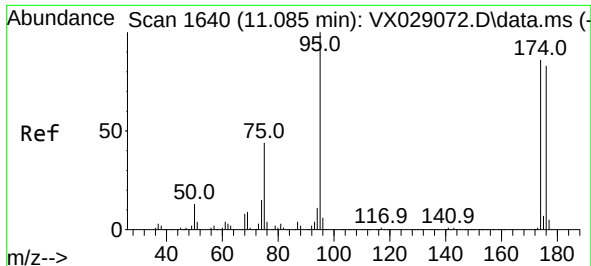
Tgt Ion:117 Resp: 32337
Ion Ratio Lower Upper
117 100
119 5.6 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.966 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029271.D
Acq: 07 Jun 2022 05:08

Tgt Ion: 98 Resp: 694994
Ion Ratio Lower Upper
98 100
100 67.3 52.6 78.8

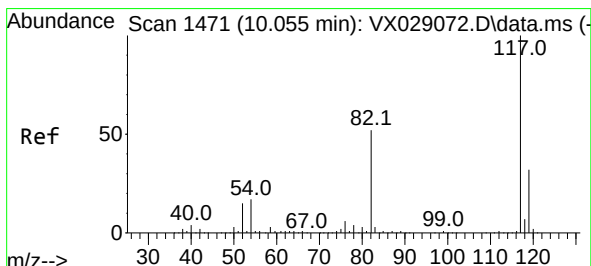
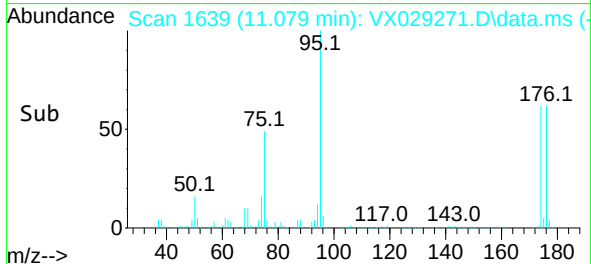
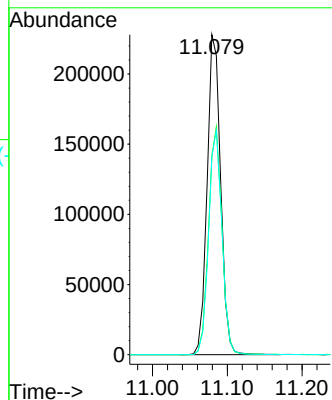
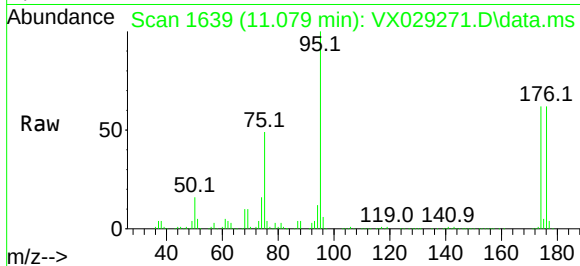




#62
4-Bromofluorobenzene
Concen: 52.032 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029271.D
Acq: 07 Jun 2022 05:08

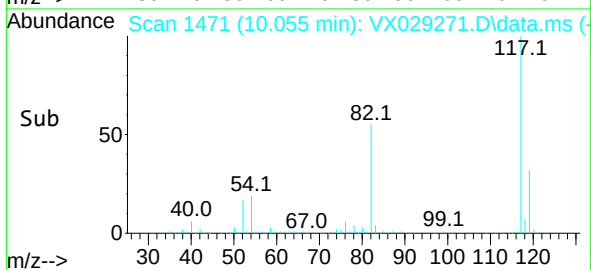
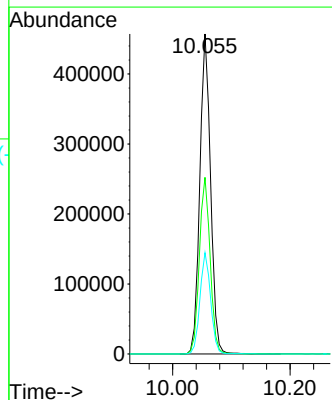
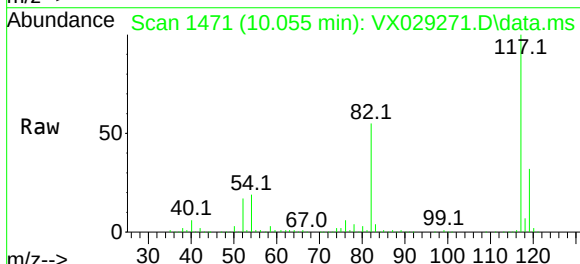
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20220531

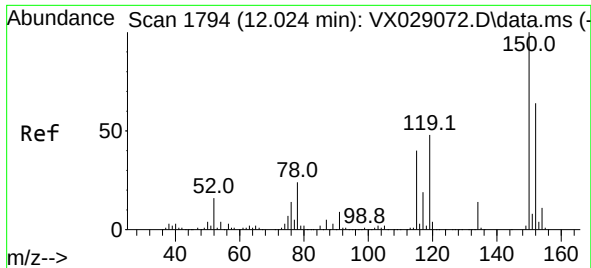
Tgt Ion: 95 Resp: 285474
Ion Ratio Lower Upper
95 100
174 70.7 0.0 163.0
176 69.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029271.D
Acq: 07 Jun 2022 05:08

Tgt Ion: 117 Resp: 580247
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.8
119 31.7 24.8 37.2

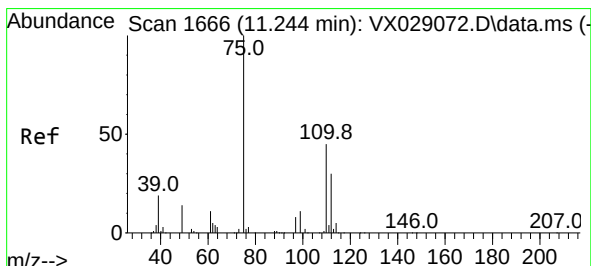
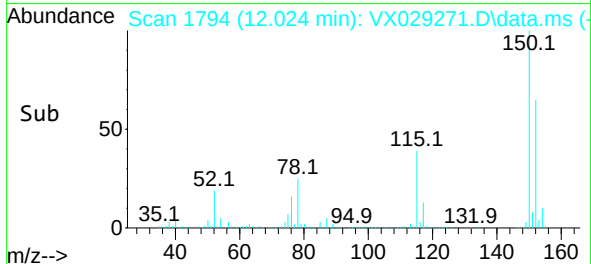
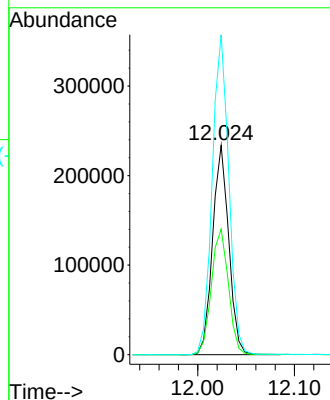
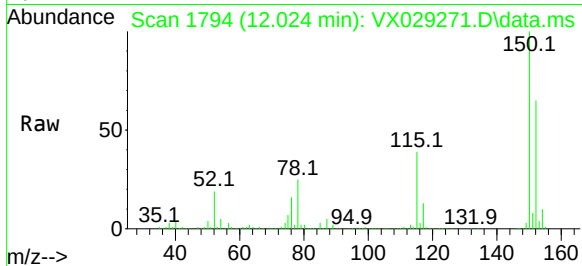




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029271.D
 Acq: 07 Jun 2022 05:08

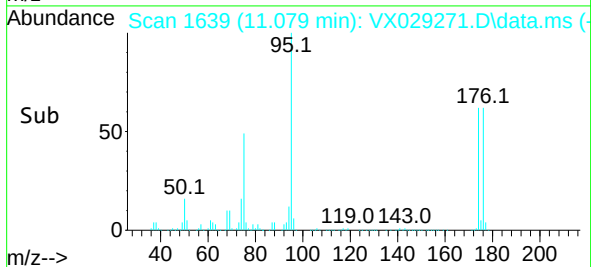
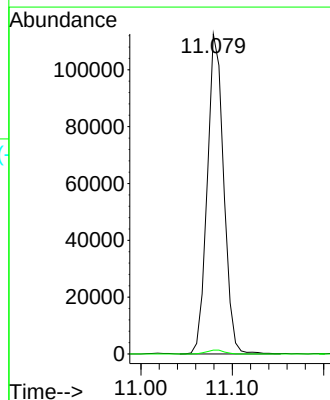
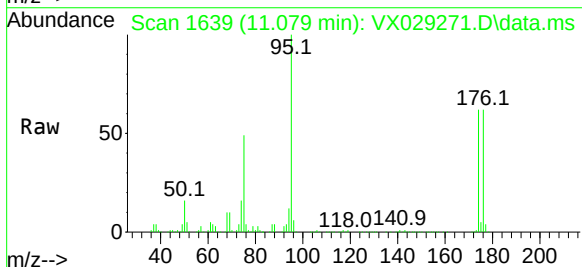
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20220531

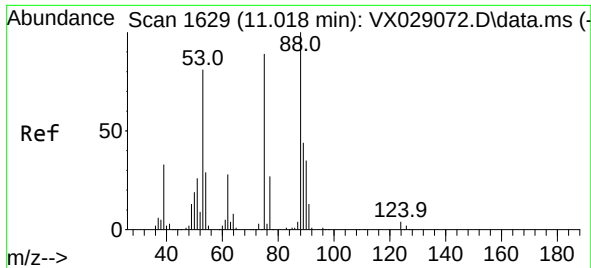
Tgt Ion:152 Resp: 271486
 Ion Ratio Lower Upper
 152 100
 115 63.3 37.5 112.7
 150 157.2 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 25.467 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029271.D
 Acq: 07 Jun 2022 05:08

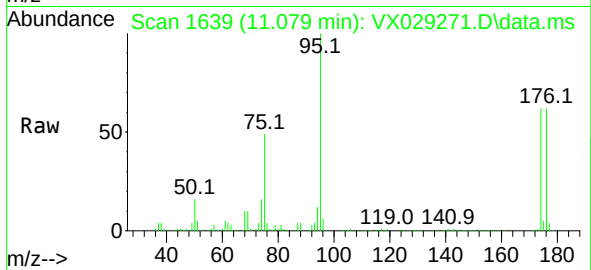
Tgt Ion: 75 Resp: 140157
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.715 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029271.D
 Acq: 07 Jun 2022 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20220531



Tgt Ion: 75 Resp: 140157
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

