

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029231.D
 Acq On : 06 Jun 2022 11:57
 Operator : JC/MD
 Sample : VX0606MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606MBL01

Quant Time: Jun 07 06:02:41 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)

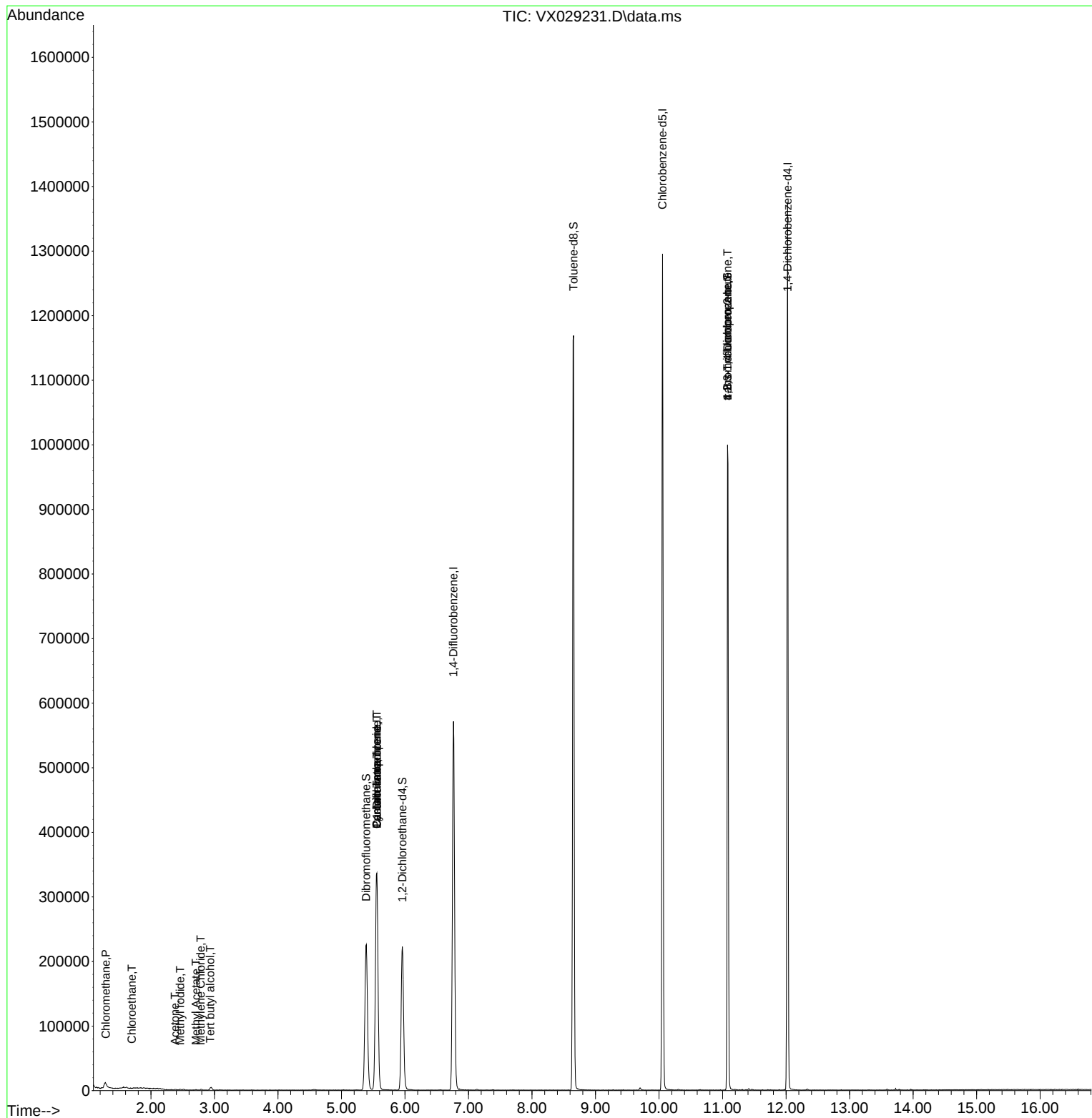
Internal Standards						
1) Pentafluorobenzene	5.556	168	321516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	609059	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	597165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	279777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	216416	59.692	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 119.380%	
35) Dibromofluoromethane	5.385	113	201200	49.734	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.460%	
50) Toluene-d8	8.653	98	720839	48.718	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.440%	
62) 4-Bromofluorobenzene	11.079	95	289120	50.550	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.100%	
Target Compounds						Qvalue
3) Chloromethane	1.288	50	806	0.276	ug/l	97
5) Bromomethane	1.611	94	1057	Below Cal		92
6) Chloroethane	1.697	64	413	1.547	ug/l #	71
10) Methyl Iodide	2.459	142	1106	4.506	ug/l #	91
11) Tert butyl alcohol	2.934	59	2665	3.173	ug/l #	72
16) Acetone	2.380	43	1045	0.732	ug/l	100
18) Methyl Acetate	2.709	43	878	0.238	ug/l	96
20) Methylene Chloride	2.782	84	669	0.201	ug/l #	80
31) Cyclohexane	5.556	56	6325	1.342	ug/l #	6
36) 1,1-Dichloropropene	5.556	75	25072	4.817	ug/l #	50
38) Carbon Tetrachloride	5.556	117	33336	5.604	ug/l #	16
44) Trichloroethene	7.135	130	367	Below Cal		49
76) 1,2,3-Trichloropropane	11.079	75	140291	24.736	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	140291	72.570	ug/l #	15
94) Hexachlorobutadiene	13.725	225	344	Below Cal		92

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

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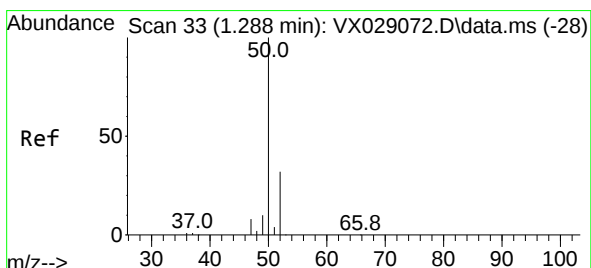
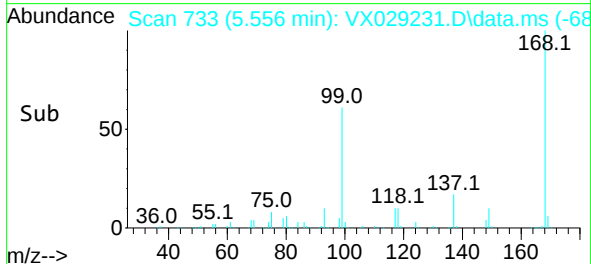
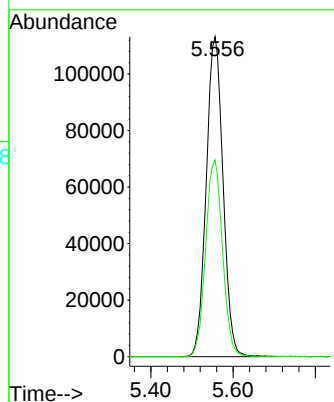
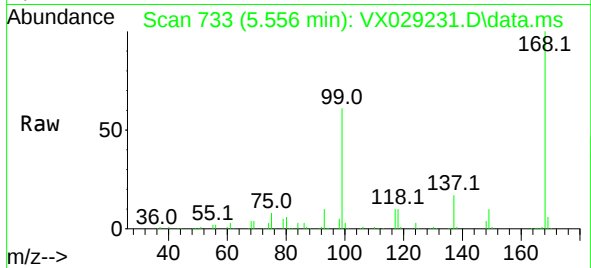




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029231.D
Acq: 06 Jun 2022 11:57

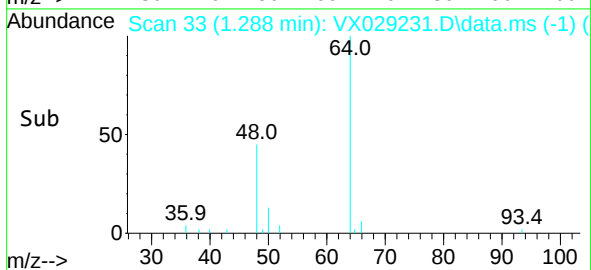
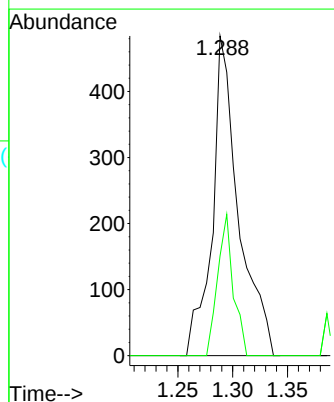
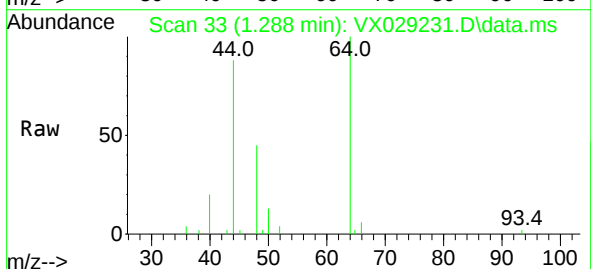
Instrument :
MSVOA_X
ClientSampleId :
VX0606MBL01

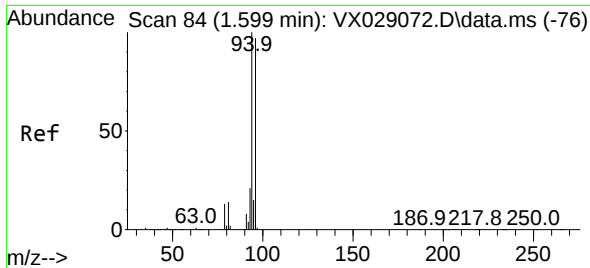
Tgt Ion:168 Resp: 321516
Ion Ratio Lower Upper
168 100
99 61.5 41.7 62.5



#3
Chloromethane
Concen: 0.276 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029231.D
Acq: 06 Jun 2022 11:57

Tgt Ion: 50 Resp: 806
Ion Ratio Lower Upper
50 100
52 31.2 26.4 39.6

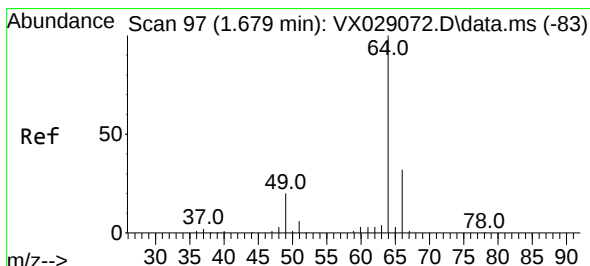
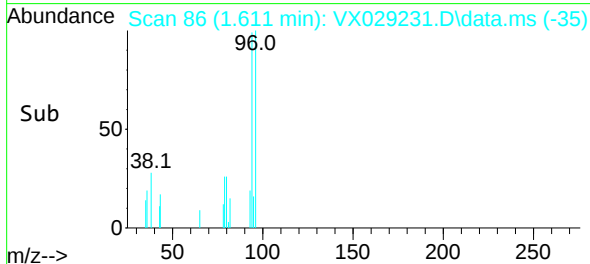
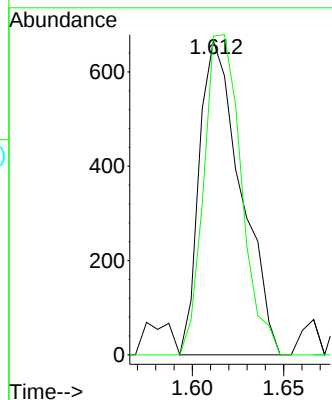
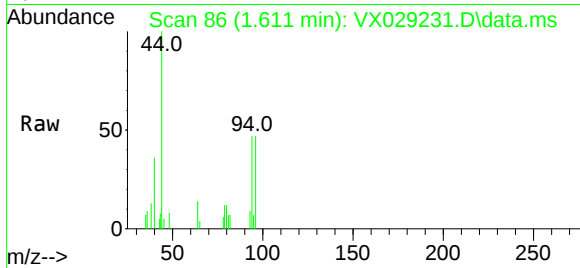




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX029231.D
Acq: 06 Jun 2022 11:57

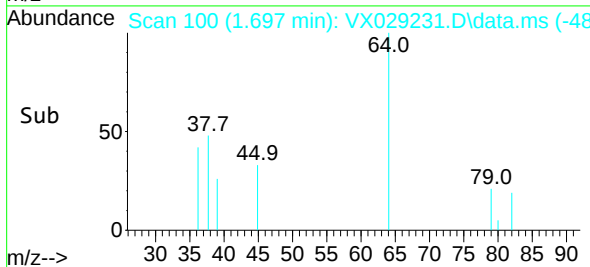
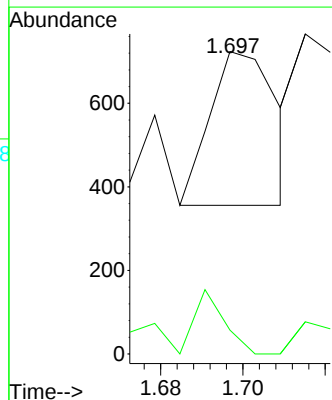
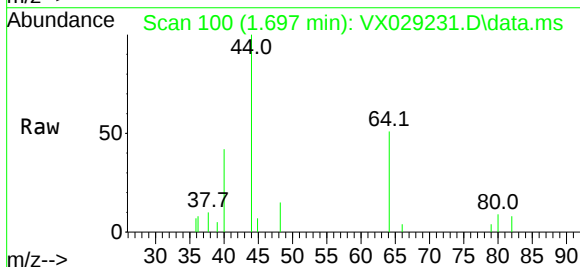
Instrument :
MSVOA_X
ClientSampleId :
VX0606MBL01

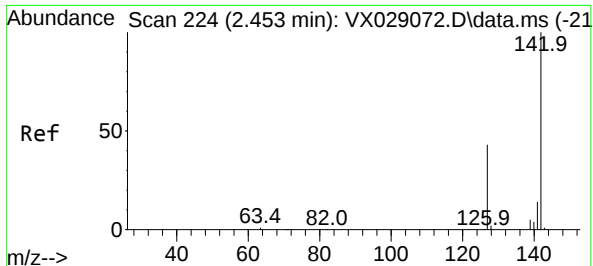
Tgt Ion: 94 Resp: 1057
Ion Ratio Lower Upper
94 100
96 101.5 75.3 112.9



#6
Chloroethane
Concen: 1.547 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX029231.D
Acq: 06 Jun 2022 11:57

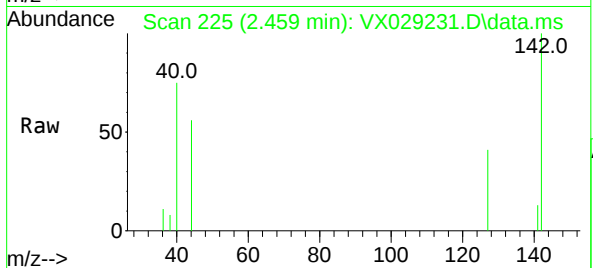
Tgt Ion: 64 Resp: 413
Ion Ratio Lower Upper
64 100
66 15.5 25.3 37.9#



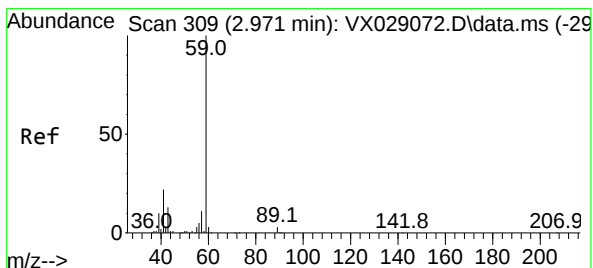
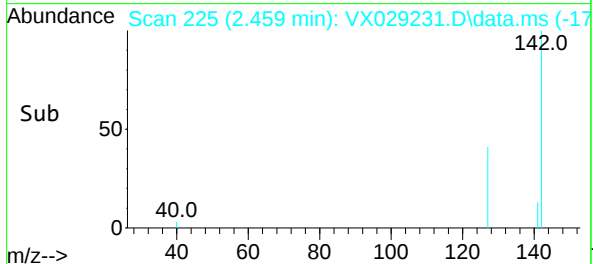
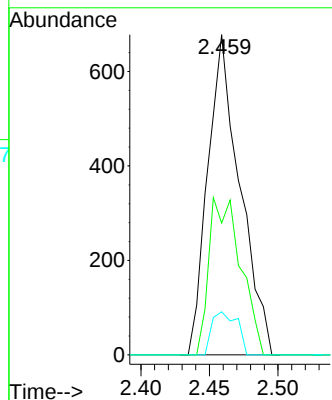


#10
Methyl Iodide
Concen: 4.506 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029231.D
Acq: 06 Jun 2022 11:57

Instrument :
MSVOA_X
ClientSampleId :
VX0606MBL01

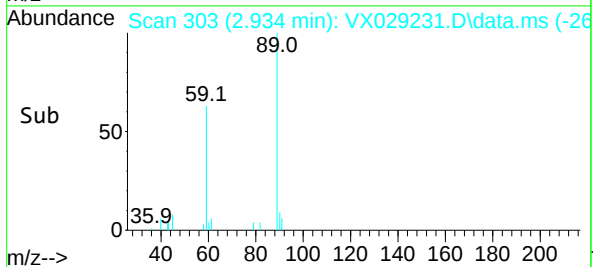
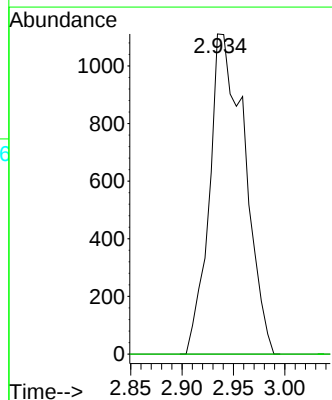
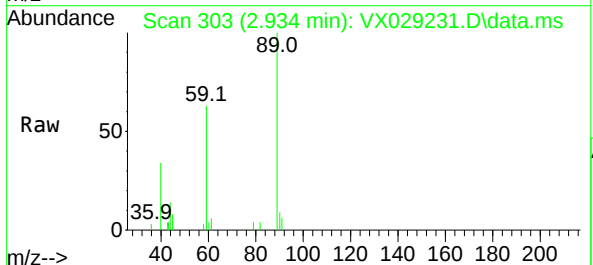


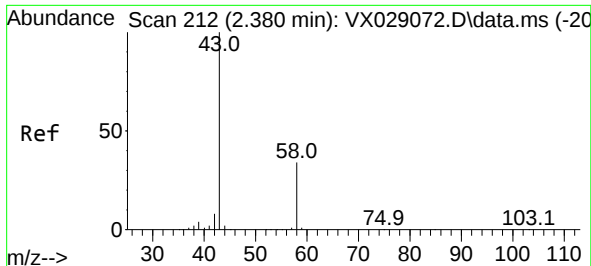
Tgt Ion:142 Resp: 1106
Ion Ratio Lower Upper
142 100
127 48.4 33.9 50.9
141 10.6 11.4 17.2#



#11
Tert butyl alcohol
Concen: 3.173 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.037 min
Lab File: VX029231.D
Acq: 06 Jun 2022 11:57

Tgt Ion: 59 Resp: 2665
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

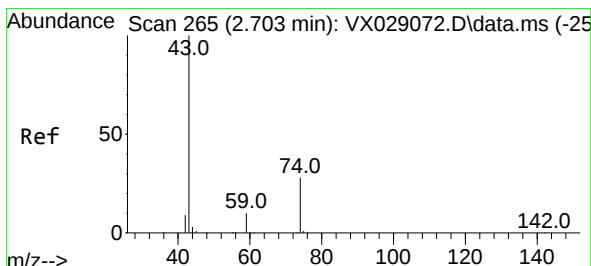
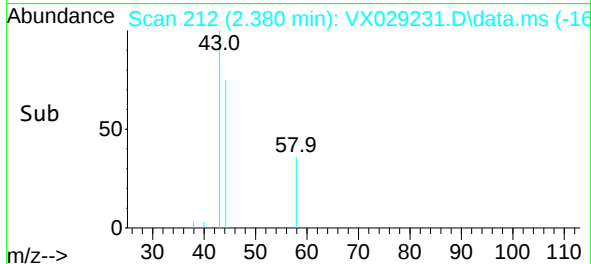
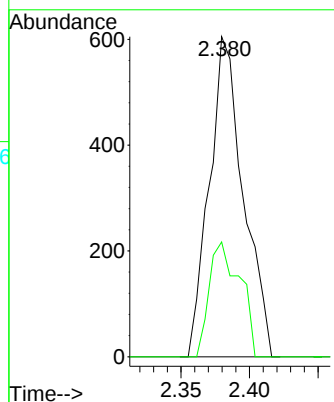
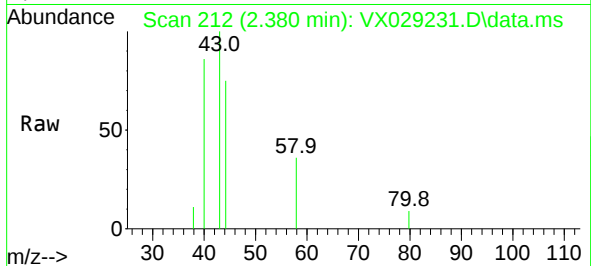




#16
Acetone
Concen: 0.732 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029231.D
Acq: 06 Jun 2022 11:57

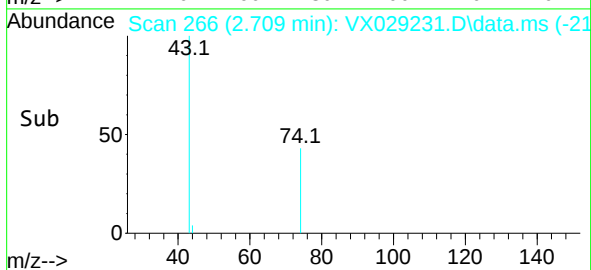
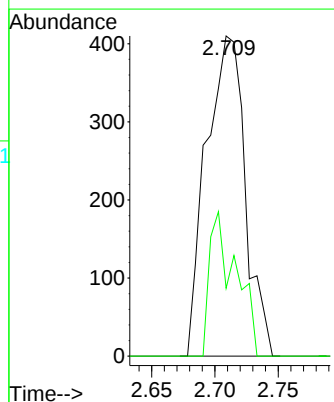
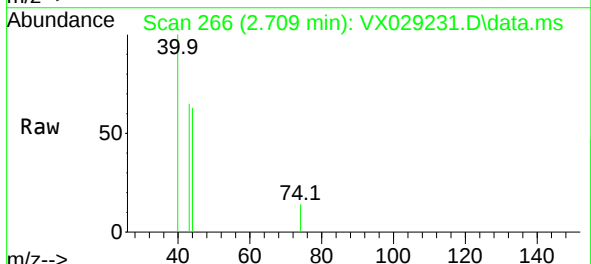
Instrument :
MSVOA_X
ClientSampleId :
VX0606MBL01

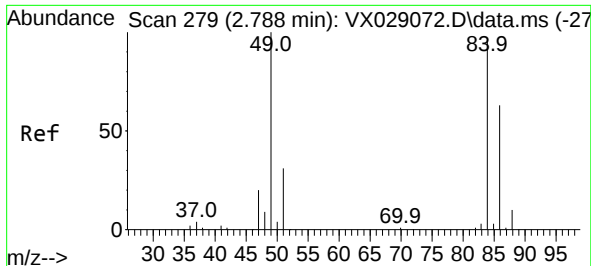
Tgt Ion: 43 Resp: 1045
Ion Ratio Lower Upper
43 100
58 35.9 28.8 43.2



#18
Methyl Acetate
Concen: 0.238 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX029231.D
Acq: 06 Jun 2022 11:57

Tgt Ion: 43 Resp: 878
Ion Ratio Lower Upper
43 100
74 30.5 22.8 34.2





#20

Methylene Chloride

Concen: 0.201 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX029231.D

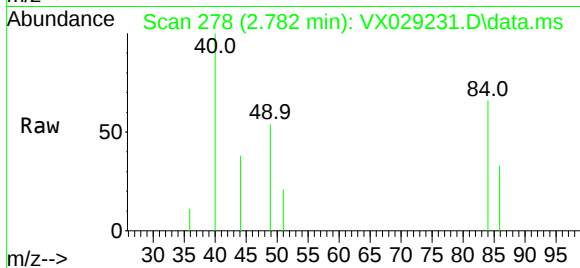
Acq: 06 Jun 2022 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0606MBL01



Tgt Ion: 84 Resp: 669

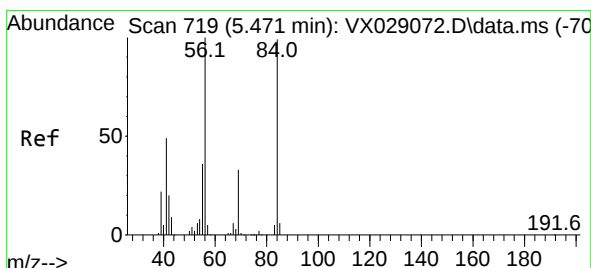
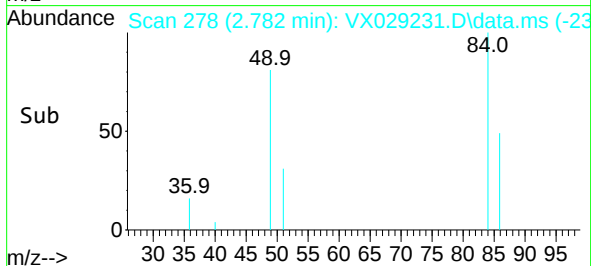
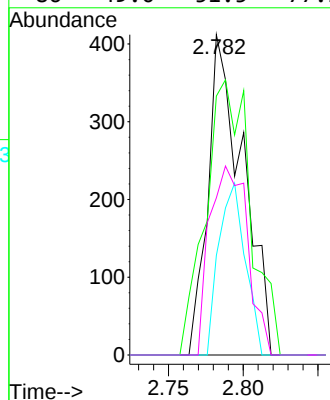
Ion Ratio Lower Upper

84 100

49 80.8 85.5 128.3#

51 31.1 26.6 39.8

86 49.0 51.5 77.3#



#31

Cyclohexane

Concen: 1.342 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX029231.D

Acq: 06 Jun 2022 11:57

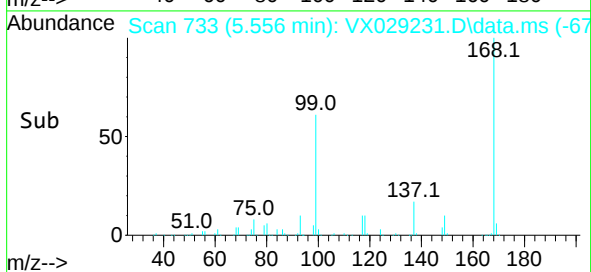
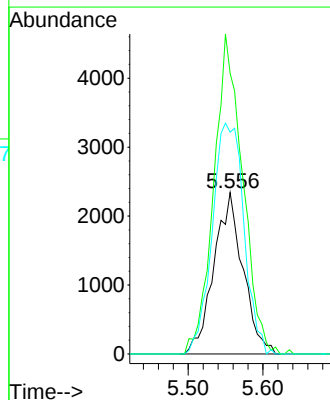
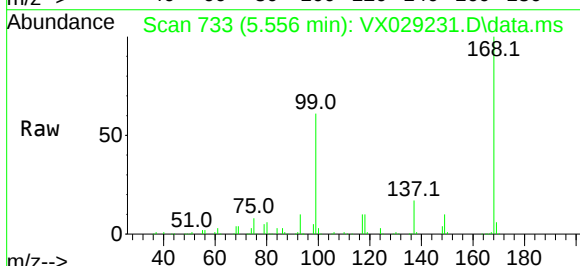
Tgt Ion: 56 Resp: 6325

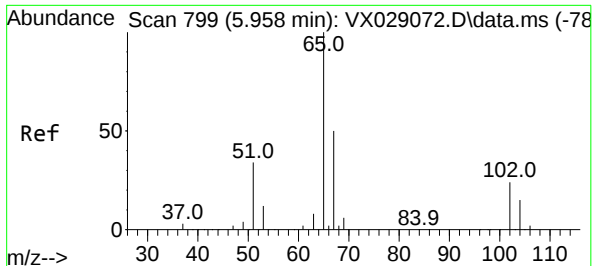
Ion Ratio Lower Upper

56 100

69 173.8 26.7 40.1#

84 137.3 77.2 115.8#

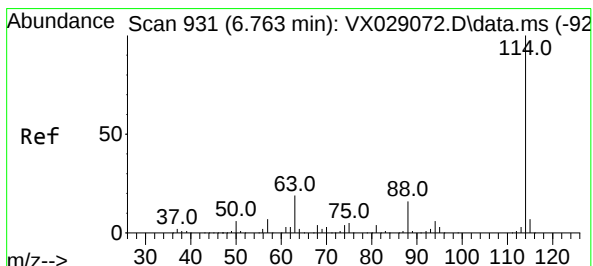
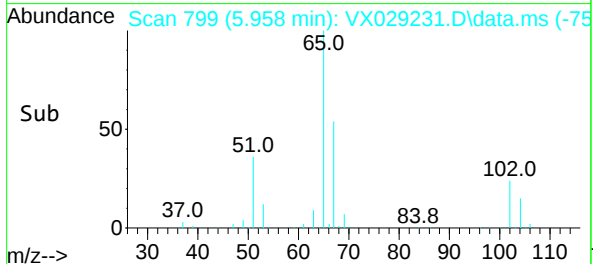
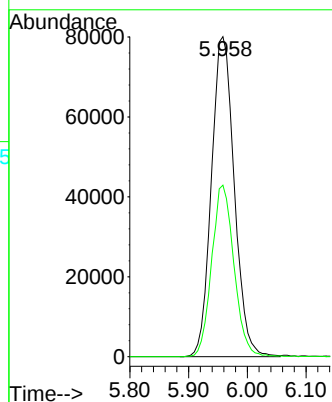
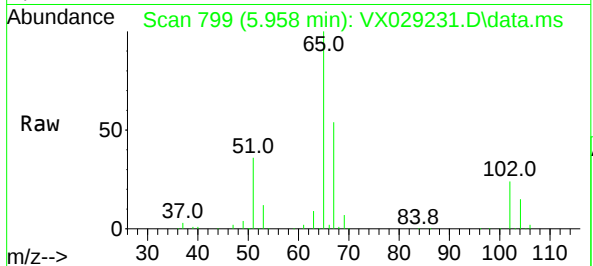




#33
 1,2-Dichloroethane-d4
 Concen: 59.692 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029231.D
 Acq: 06 Jun 2022 11:57

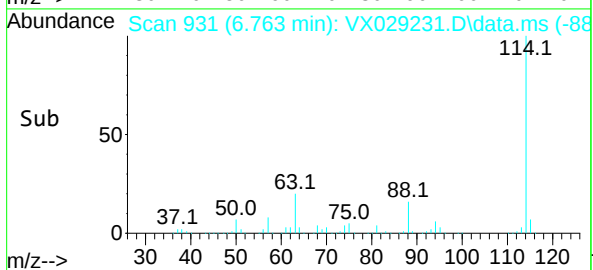
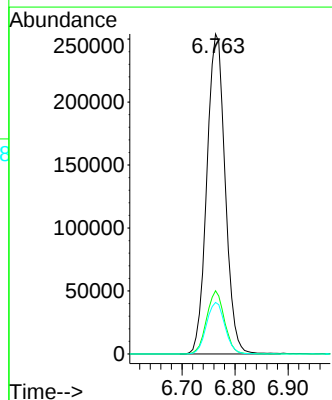
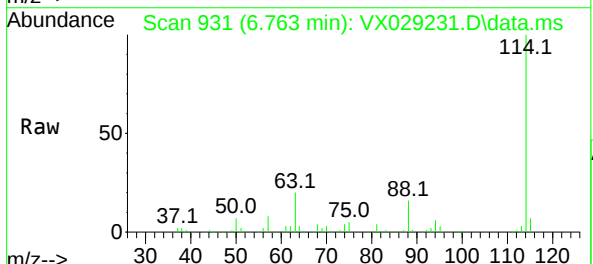
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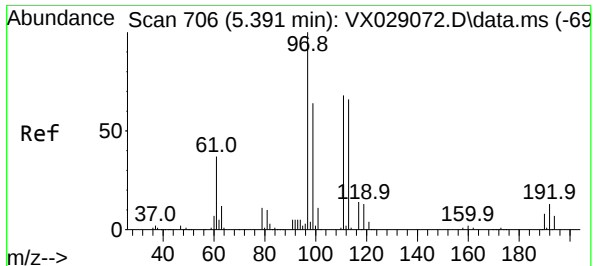
Tgt Ion: 65 Resp: 216416
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX029231.D
 Acq: 06 Jun 2022 11:57

Tgt Ion: 114 Resp: 609059
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 36.8
 88 16.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.734 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX029231.D

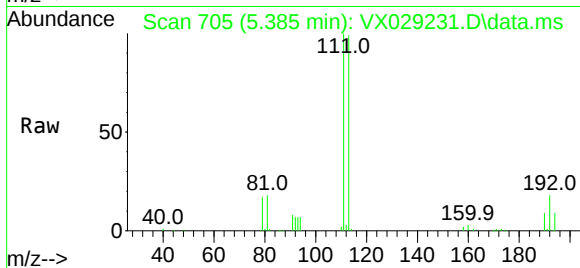
Acq: 06 Jun 2022 11:57

Instrument :

MSVOA_X

ClientSampleId :

VX0606MBL01



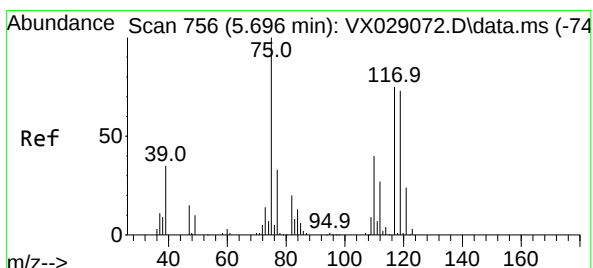
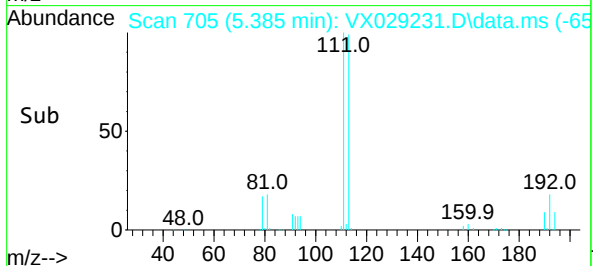
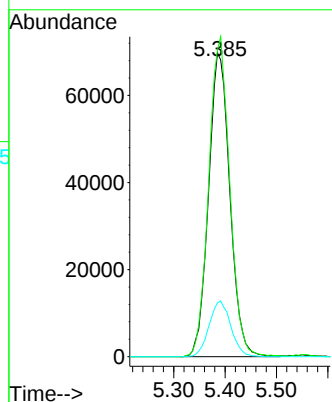
Tgt Ion:113 Resp: 201200

Ion Ratio Lower Upper

113 100

111 104.2 82.8 124.2

192 18.7 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.817 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029231.D

Acq: 06 Jun 2022 11:57

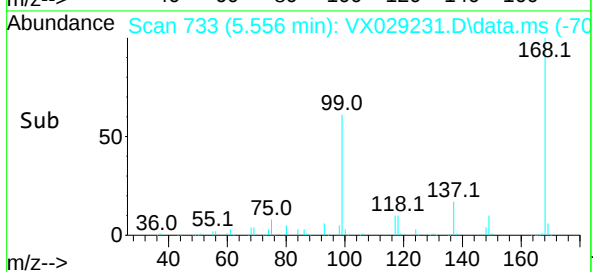
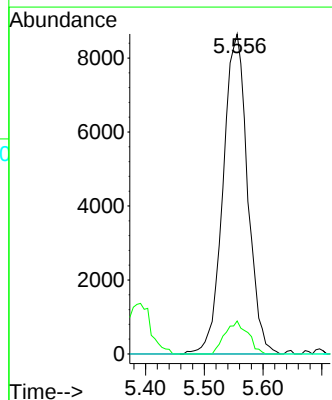
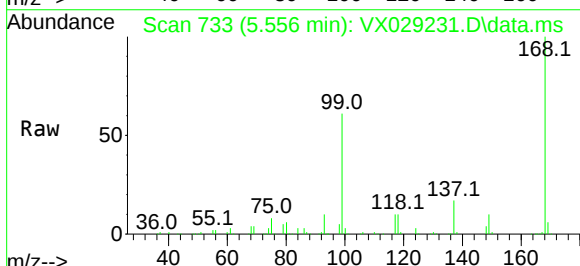
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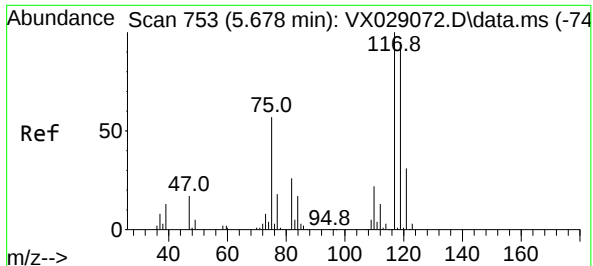
Ion Ratio Lower Upper

75 100

110 9.6 18.3 54.8#

77 0.0 24.8 37.2#

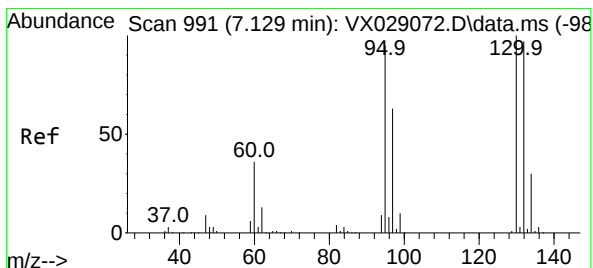
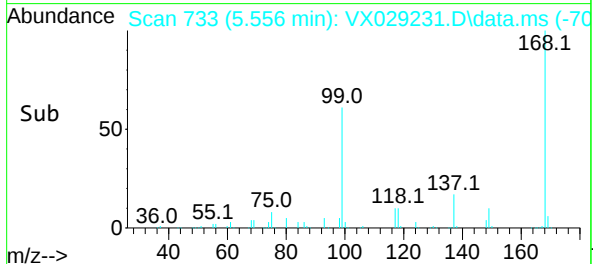
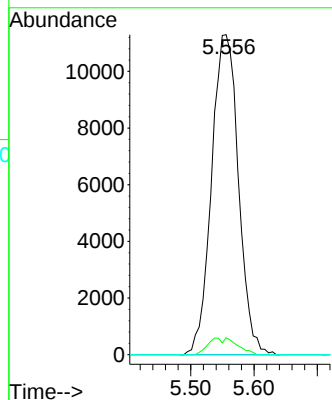
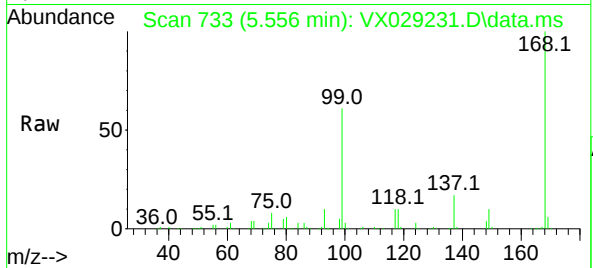




#38
Carbon Tetrachloride
Concen: 5.604 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX029231.D
Acq: 06 Jun 2022 11:57

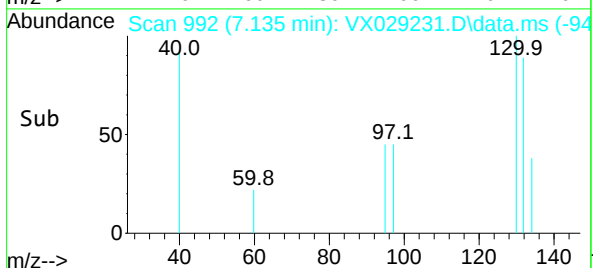
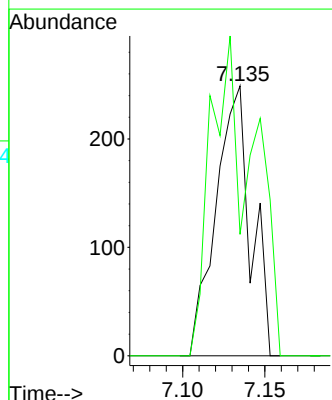
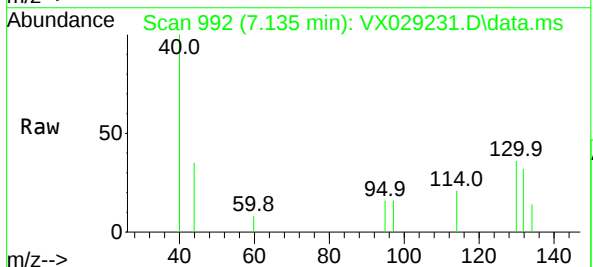
Instrument :
MSVOA_X
ClientSampleId :
VX0606MBL01

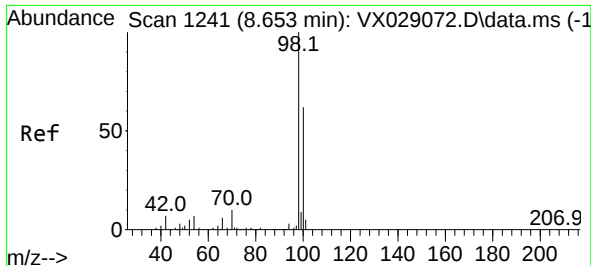
Tgt Ion:117 Resp: 33336
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029231.D
Acq: 06 Jun 2022 11:57

Tgt Ion:130 Resp: 367
Ion Ratio Lower Upper
130 100
95 45.0 0.0 188.8

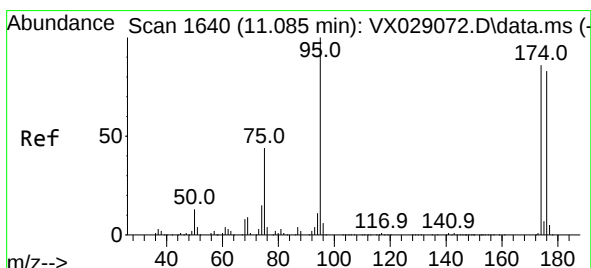
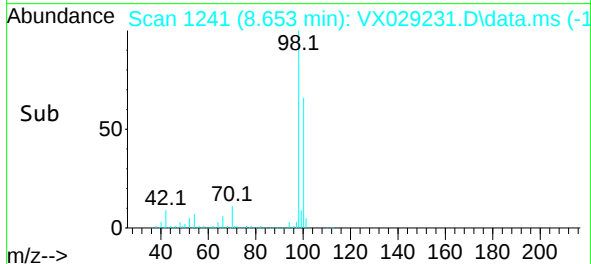
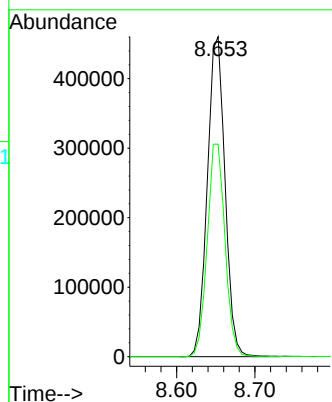
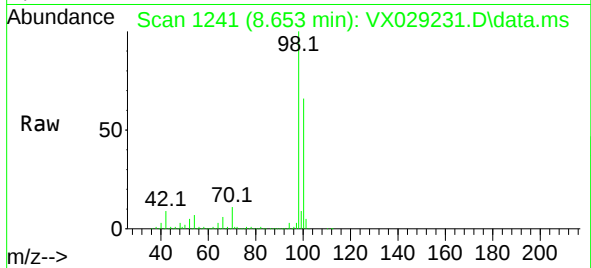




#50
Toluene-d8
Concen: 48.718 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029231.D
Acq: 06 Jun 2022 11:57

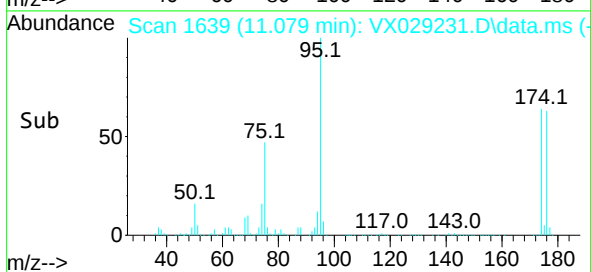
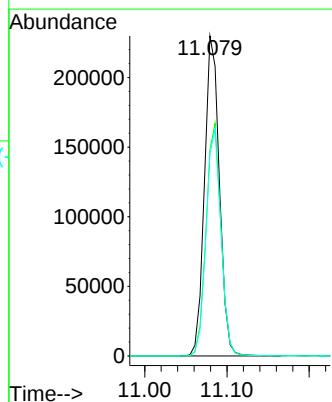
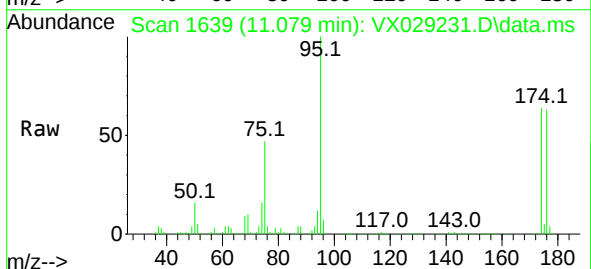
Instrument :
MSVOA_X
ClientSampleId :
VX0606MBL01

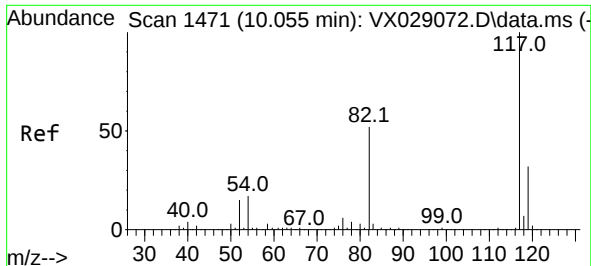
Tgt Ion: 98 Resp: 720839
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.550 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029231.D
Acq: 06 Jun 2022 11:57

Tgt Ion: 95 Resp: 289120
Ion Ratio Lower Upper
95 100
174 72.9 0.0 163.0
176 71.0 0.0 155.0

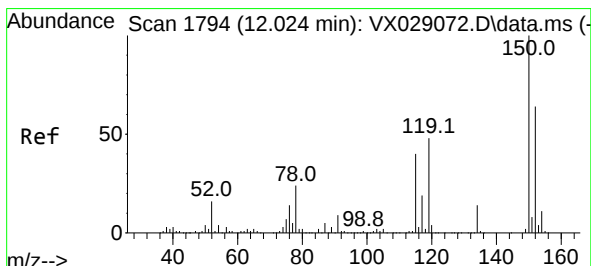
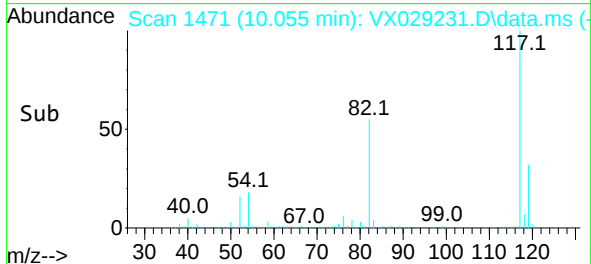
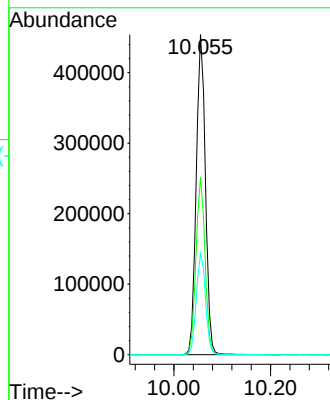
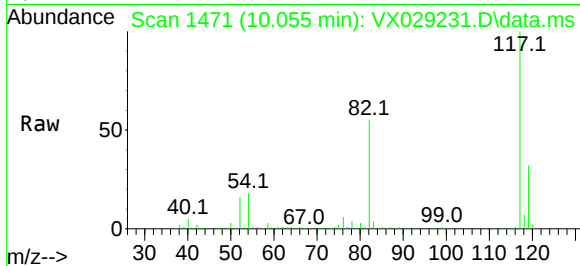




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029231.D
Acq: 06 Jun 2022 11:57

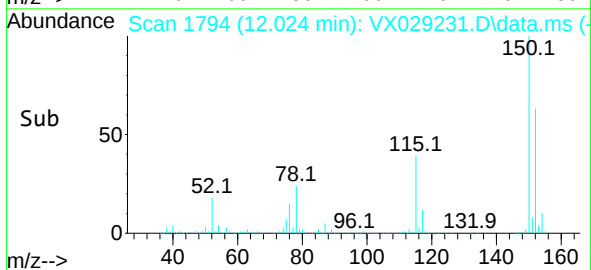
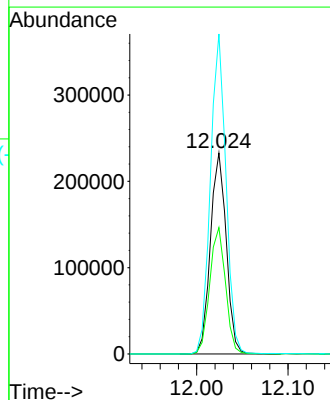
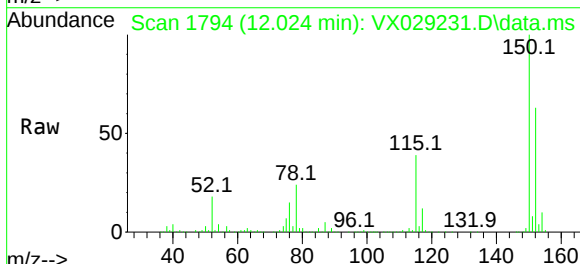
Instrument :
MSVOA_X
ClientSampleId :
VX0606MBL01

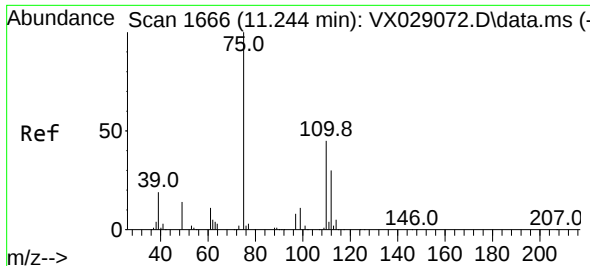
Tgt Ion:117 Resp: 597165
Ion Ratio Lower Upper
117 100
82 55.4 41.8 62.8
119 31.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029231.D
Acq: 06 Jun 2022 11:57

Tgt Ion:152 Resp: 279777
Ion Ratio Lower Upper
152 100
115 62.7 37.5 112.7
150 155.8 0.0 338.2

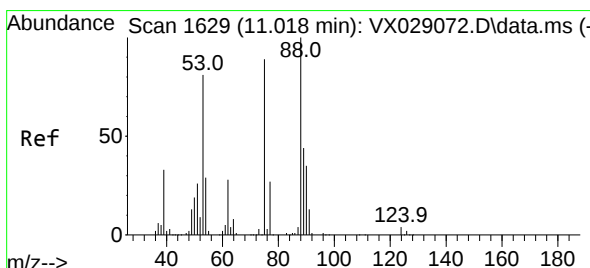
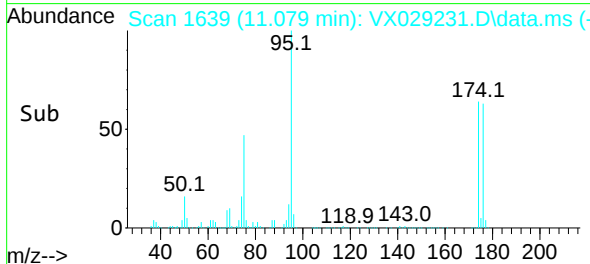
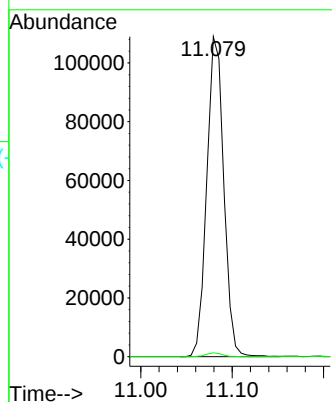
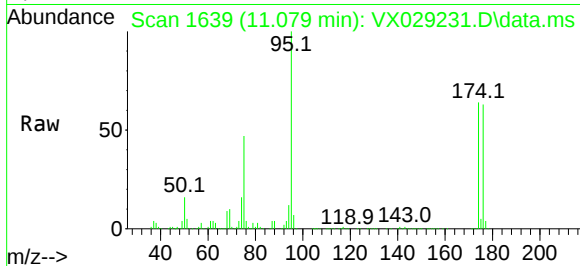




#76
1,2,3-Trichloropropane
Concen: 24.736 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029231.D
Acq: 06 Jun 2022 11:57

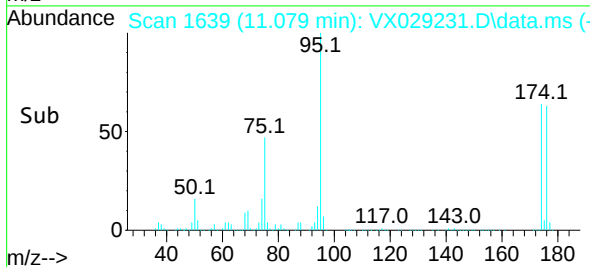
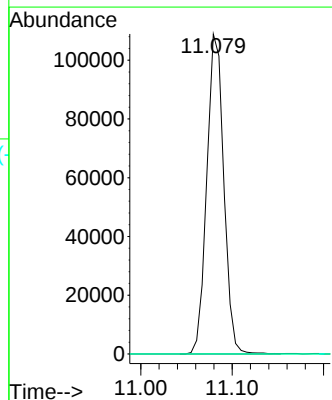
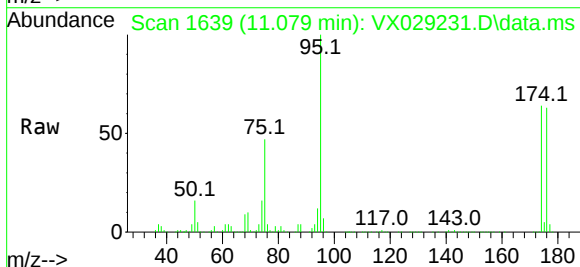
Instrument :
MSVOA_X
ClientSampleId :
VX0606MBL01

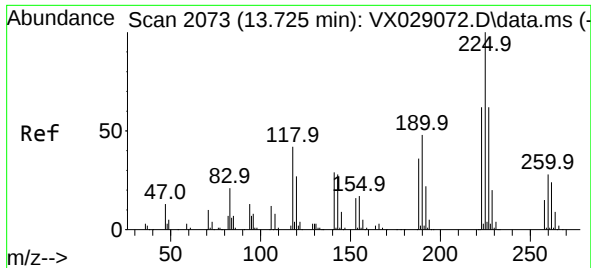
Tgt Ion: 75 Resp: 140291
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.570 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029231.D
Acq: 06 Jun 2022 11:57

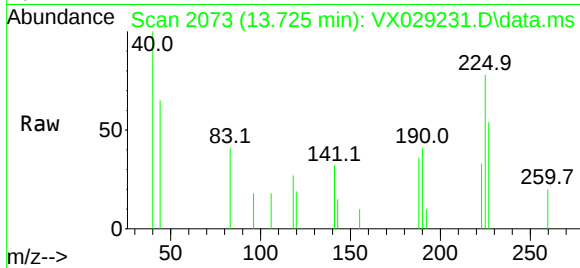
Tgt Ion: 75 Resp: 140291
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX029231.D
 Acq: 06 Jun 2022 11:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606MBL01



Tgt Ion:	225	Resp:	344
Ion	Ratio	Lower	Upper
225	100		
223	59.0	34.2	102.5
227	63.7	33.9	101.7

