

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027643.D
 Acq On : 23 Mar 2022 03:43
 Operator : JC/MD
 Sample : N2062-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2022-03-21

Quant Time: Mar 23 07:43:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

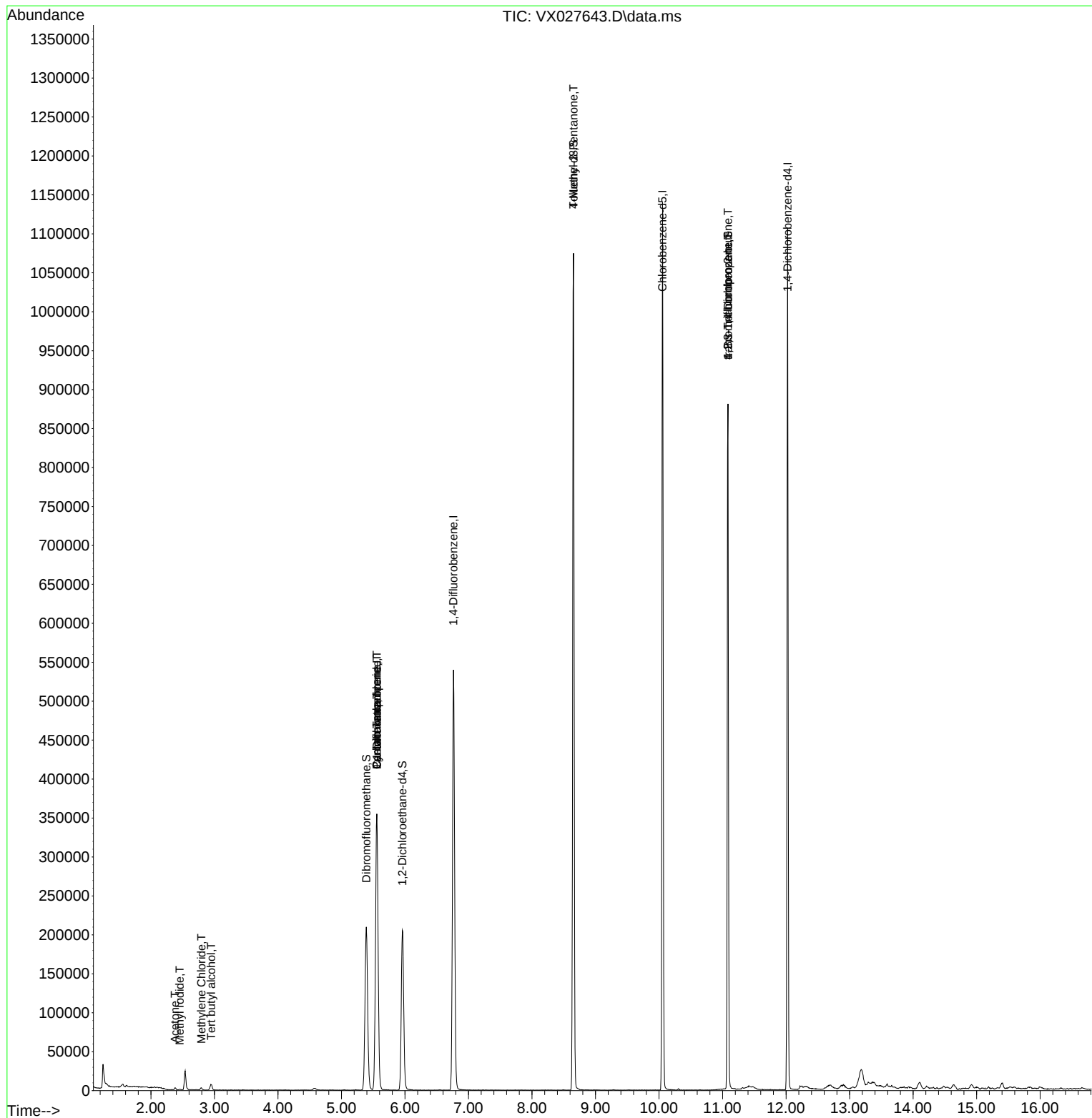
Internal Standards						
1) Pentafluorobenzene	5.556	168	355002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	572471	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	530974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	245312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	205135	46.907	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.820%
35) Dibromofluoromethane	5.391	113	185388	50.334	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.660%
50) Toluene-d8	8.653	98	671416	48.173	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.340%
62) 4-Bromofluorobenzene	11.085	95	247650	48.343	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.680%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	770	Below Cal	#	78
10) Methyl Iodide	2.453	142	1078	0.237	ug/l #	91
11) Tert butyl alcohol	2.947	59	4365	5.237	ug/l #	72
16) Acetone	2.380	43	2933	1.645	ug/l #	82
20) Methylene Chloride	2.794	84	1388	0.362	ug/l	92
31) Cyclohexane	5.556	56	6123	1.128	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24922	4.951	ug/l #	50
38) Carbon Tetrachloride	5.556	117	35215	6.116	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	2413	0.468	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	113455	22.111	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	113455	67.153	ug/l #	15

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

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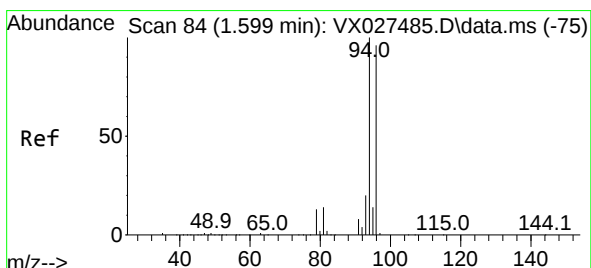
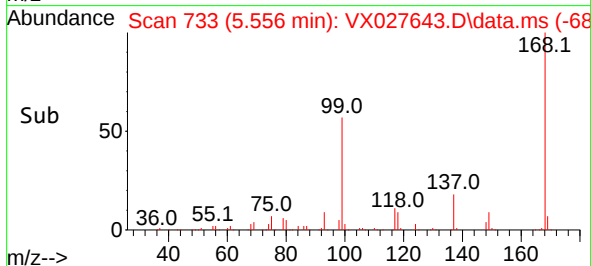
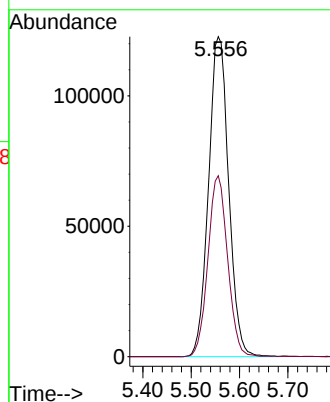
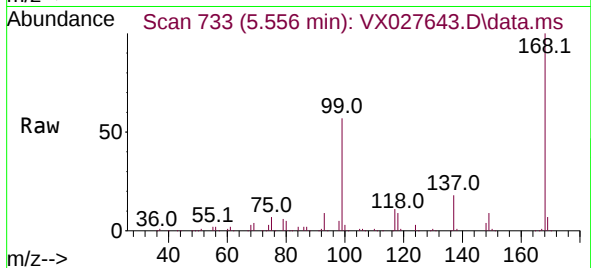




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027643.D
Acq: 23 Mar 2022 03:43

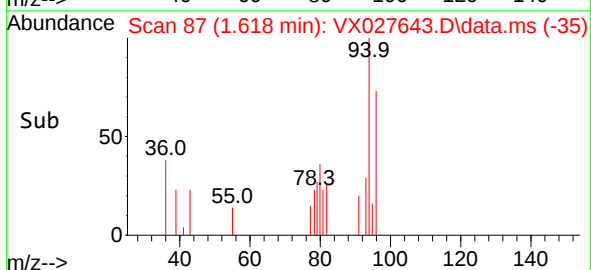
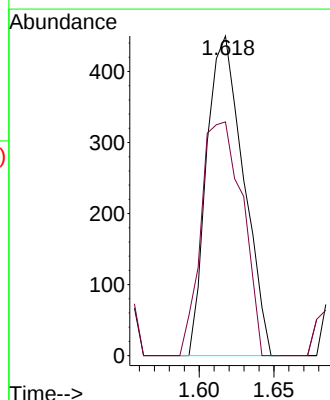
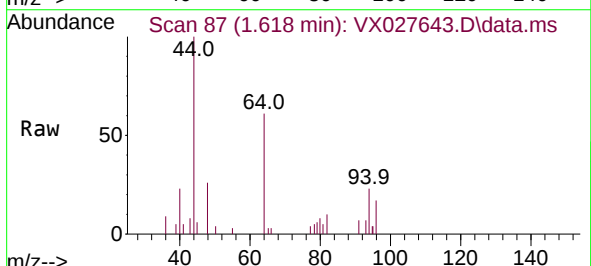
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-03-21

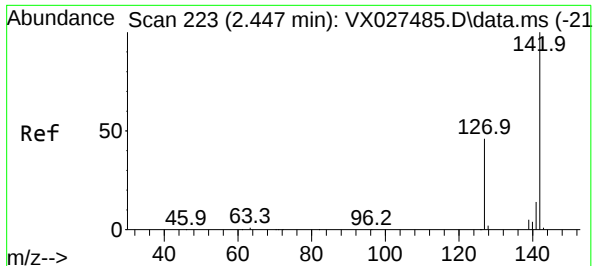
Tgt Ion:168 Resp: 355002
Ion Ratio Lower Upper
168 100
99 56.6 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027643.D
Acq: 23 Mar 2022 03:43

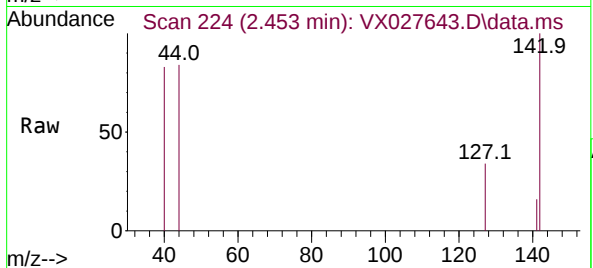
Tgt Ion: 94 Resp: 770
Ion Ratio Lower Upper
94 100
96 73.1 75.3 112.9#



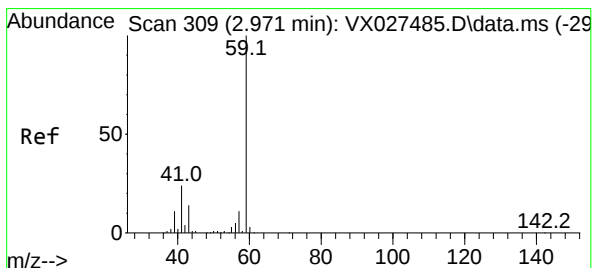
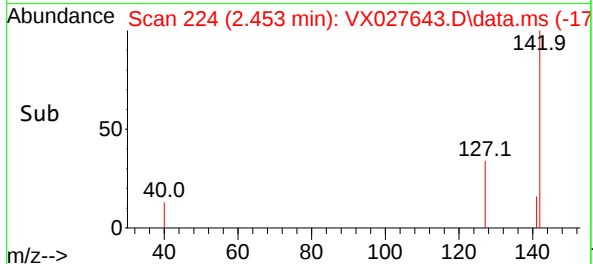
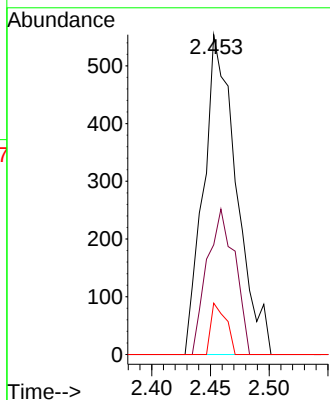


#10
Methyl Iodide
Concen: 0.237 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027643.D
Acq: 23 Mar 2022 03:43

Instrument :
MSVOA_X
ClientSampleId :
EB-2022-03-21

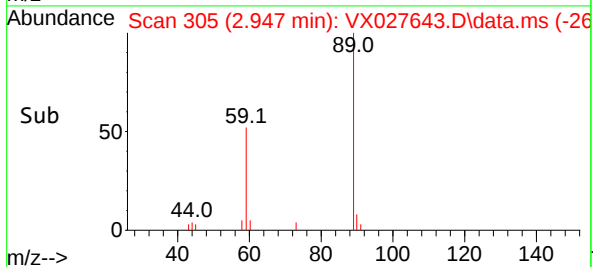
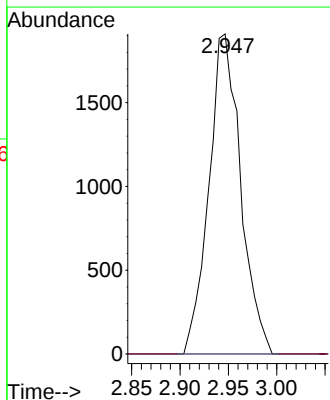
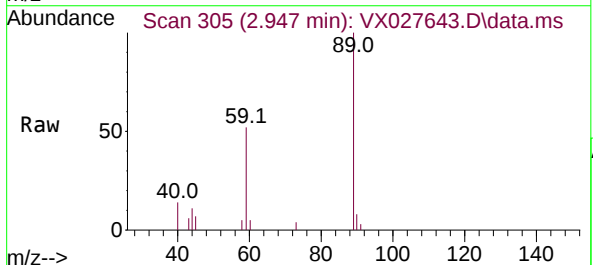


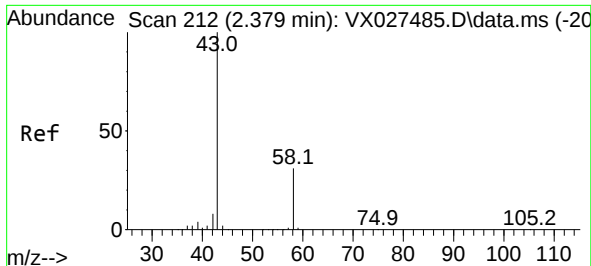
Tgt Ion:142 Resp: 1078
Ion Ratio Lower Upper
142 100
127 38.5 33.9 50.9
141 7.3 11.4 17.2#



#11
Tert butyl alcohol
Concen: 5.237 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX027643.D
Acq: 23 Mar 2022 03:43

Tgt Ion: 59 Resp: 4365
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

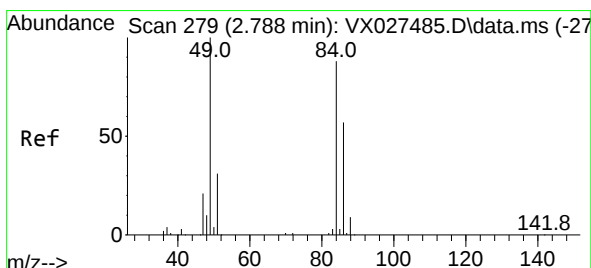
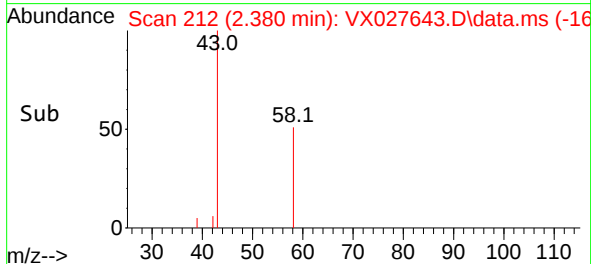
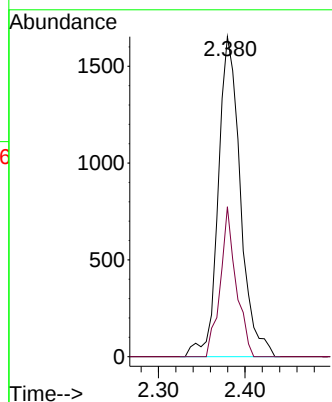
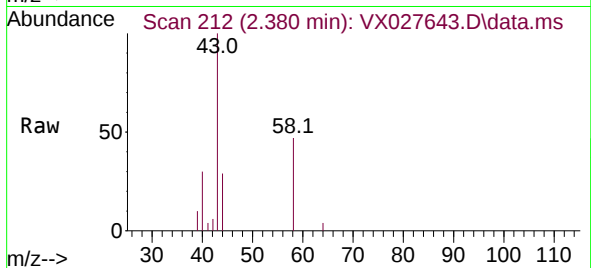




#16
Acetone
Concen: 1.645 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027643.D
Acq: 23 Mar 2022 03:43

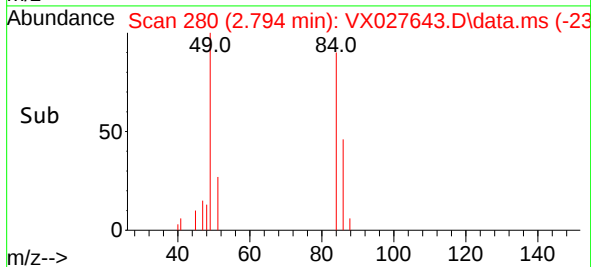
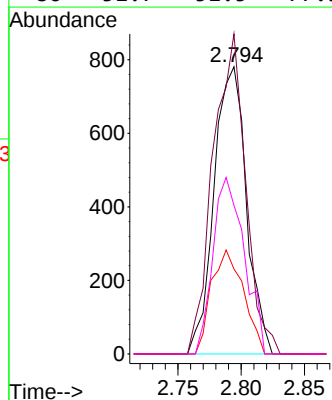
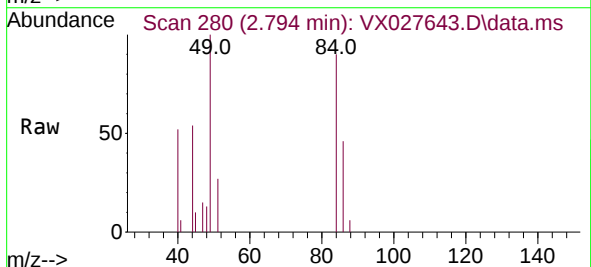
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-03-21

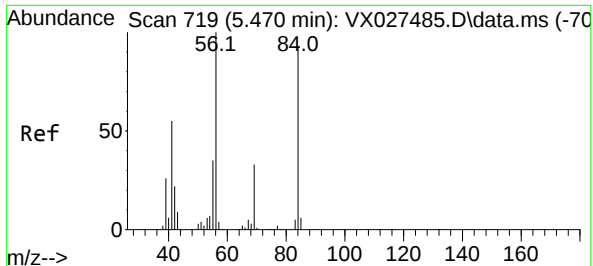
Tgt Ion: 43 Resp: 2933
Ion Ratio Lower Upper
43 100
58 46.8 28.8 43.2#



#20
Methylene Chloride
Concen: 0.362 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX027643.D
Acq: 23 Mar 2022 03:43

Tgt Ion: 84 Resp: 1388
Ion Ratio Lower Upper
84 100
49 111.4 85.5 128.3
51 29.6 26.6 39.8
86 51.7 51.5 77.3

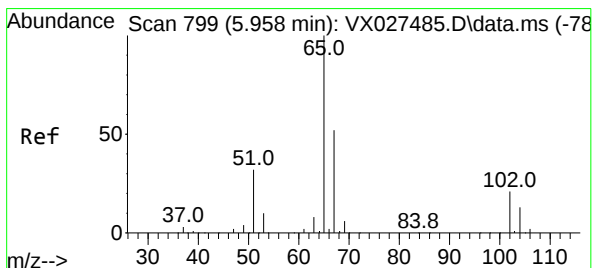
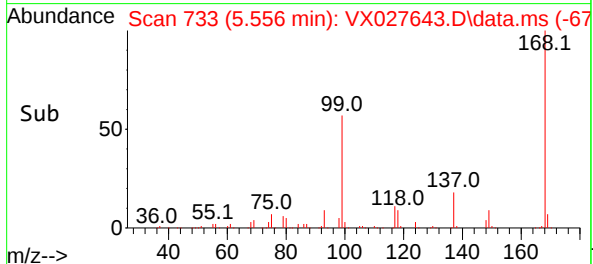
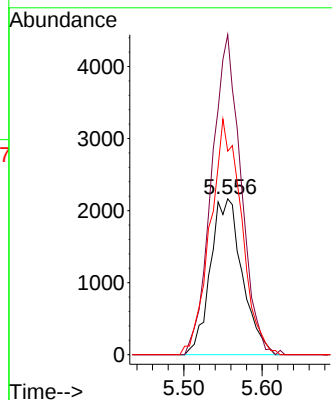
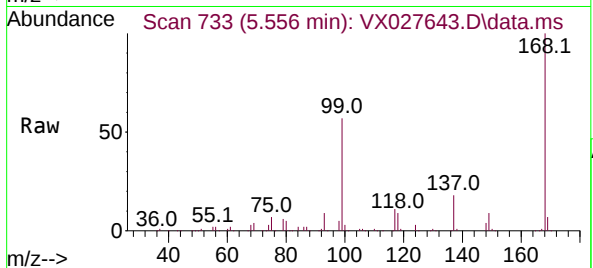




#31
Cyclohexane
Concen: 1.128 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027643.D
Acq: 23 Mar 2022 03:43

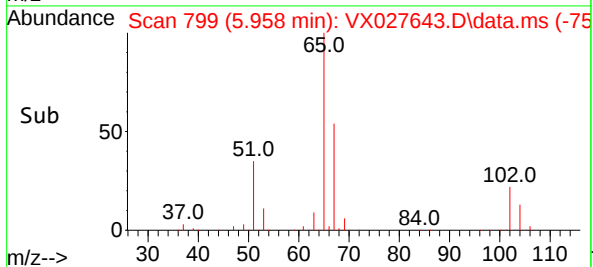
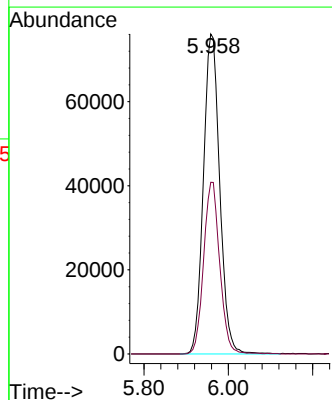
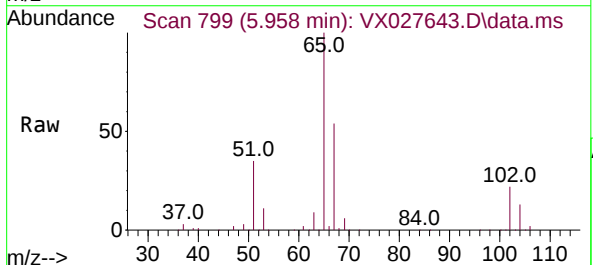
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-03-21

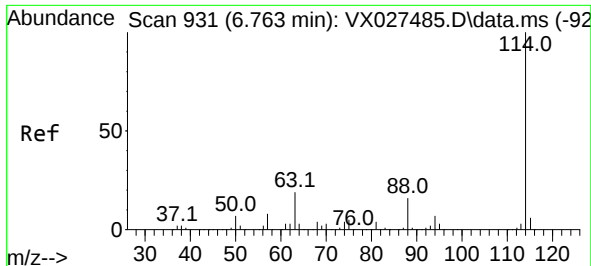
Tgt Ion: 56 Resp: 6123
Ion Ratio Lower Upper
56 100
69 205.3 26.7 40.1#
84 130.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 46.907 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027643.D
Acq: 23 Mar 2022 03:43

Tgt Ion: 65 Resp: 205135
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.4

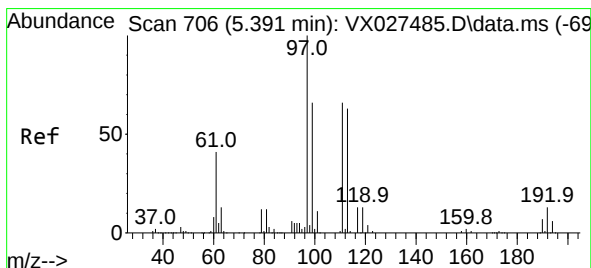
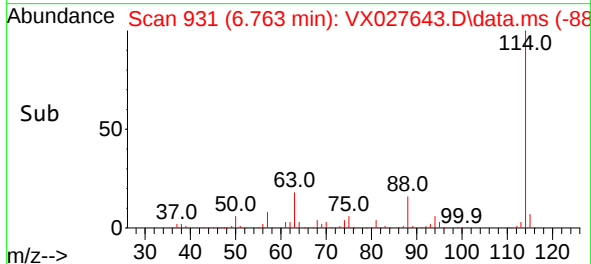
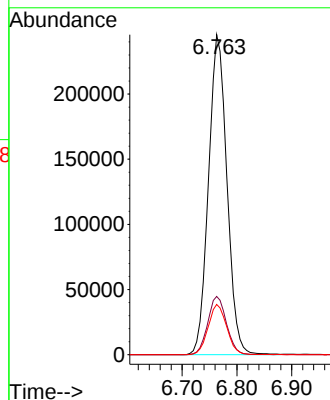
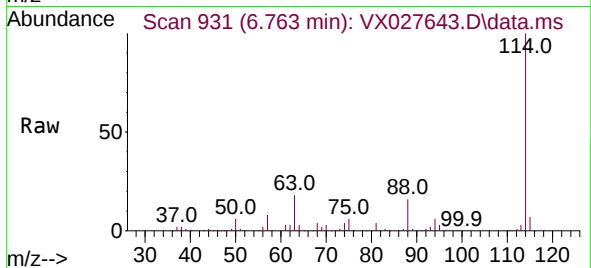




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027643.D
Acq: 23 Mar 2022 03:43

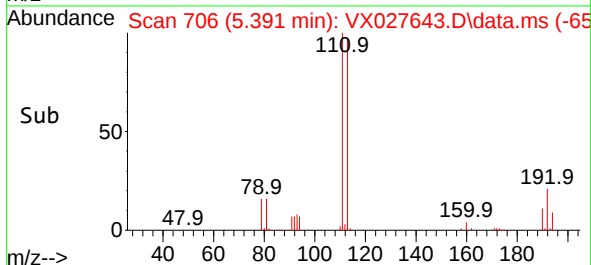
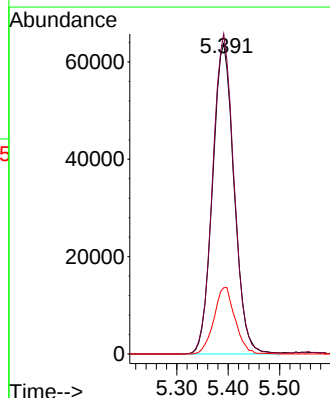
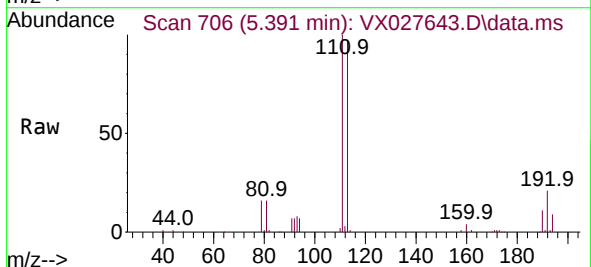
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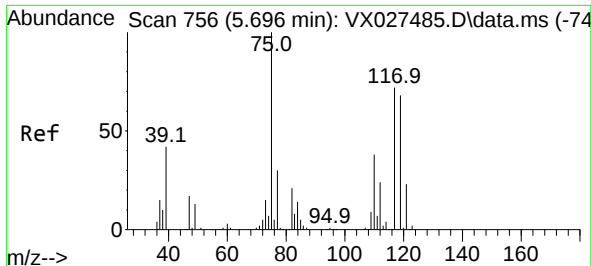
Tgt Ion:114 Resp: 572471
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.8
88 15.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.334 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027643.D
Acq: 23 Mar 2022 03:43

Tgt Ion:113 Resp: 185388
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 21.0 16.9 25.3

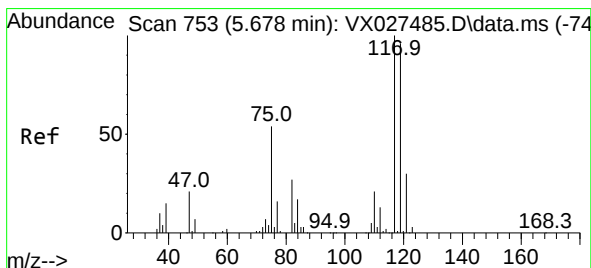
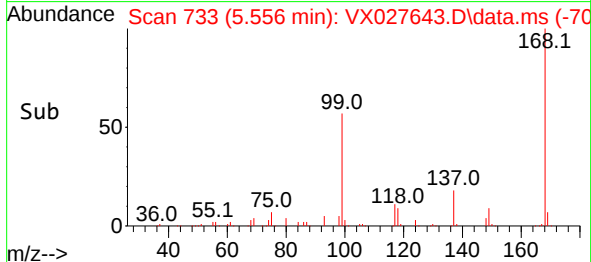
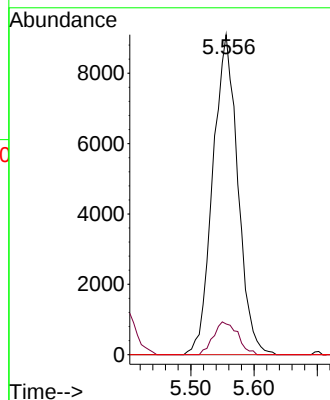
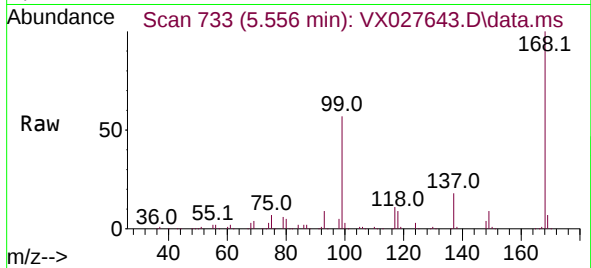




#36
1,1-Dichloropropene
Concen: 4.951 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027643.D
Acq: 23 Mar 2022 03:43

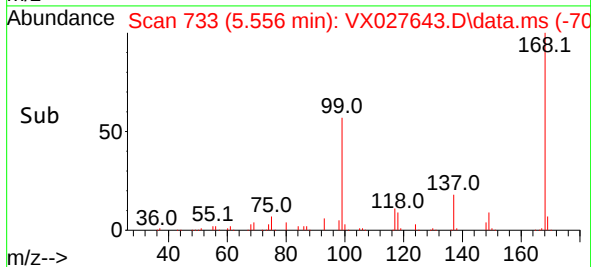
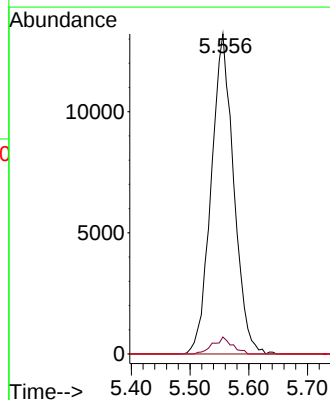
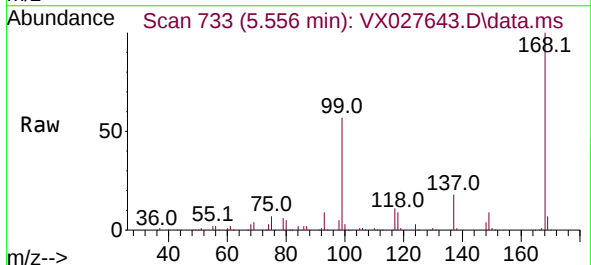
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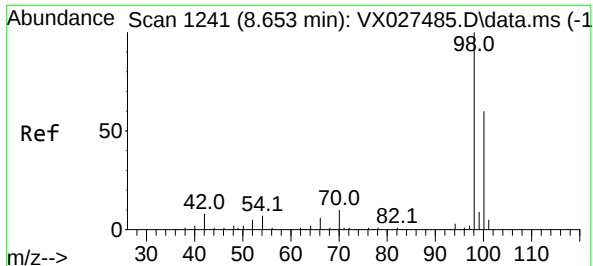
Tgt Ion: 75 Resp: 24922
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.116 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027643.D
Acq: 23 Mar 2022 03:43

Tgt Ion: 117 Resp: 35215
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 48.173 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX027643.D

Acq: 23 Mar 2022 03:43

Instrument :

MSVOA_X

ClientSampleId :

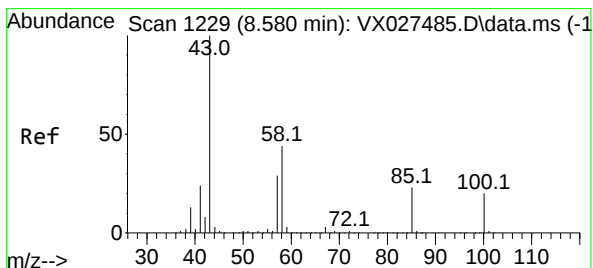
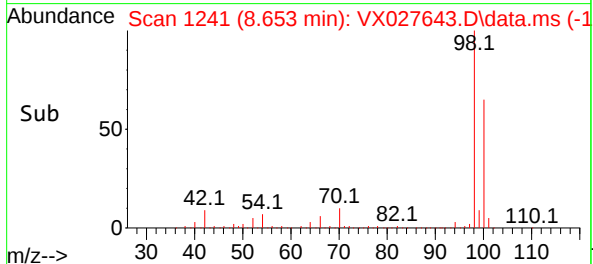
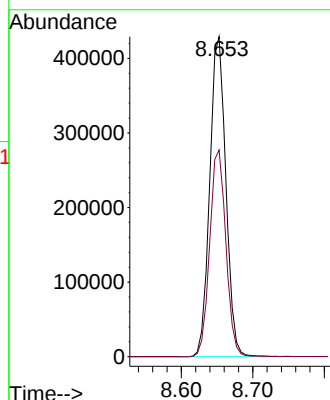
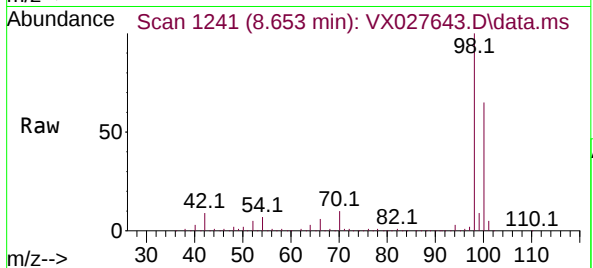
EB-2022-03-21

Tgt Ion: 98 Resp: 671416

Ion Ratio Lower Upper

98 100

100 65.0 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.468 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX027643.D

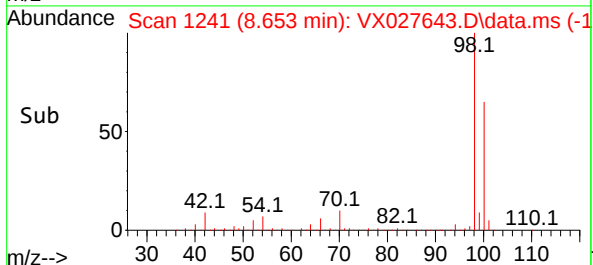
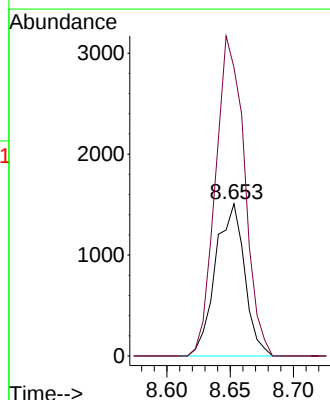
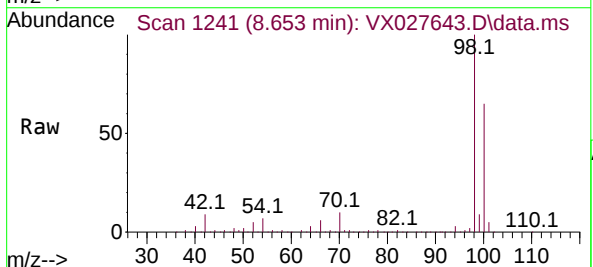
Acq: 23 Mar 2022 03:43

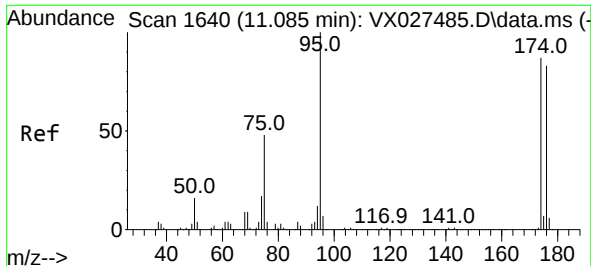
Tgt Ion: 43 Resp: 2413

Ion Ratio Lower Upper

43 100

58 209.1 36.1 54.1#

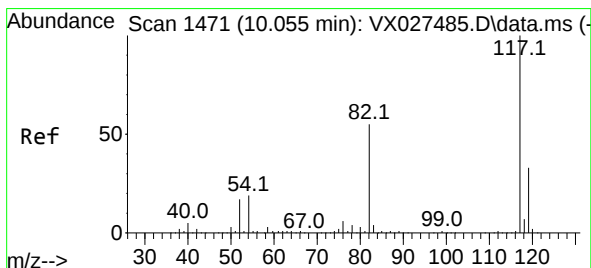
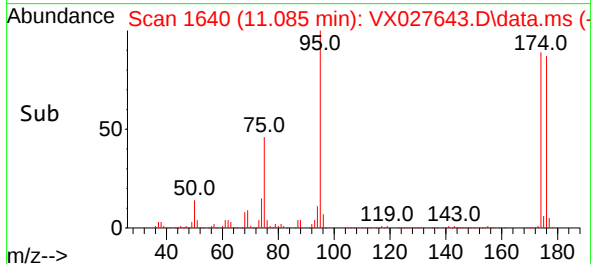
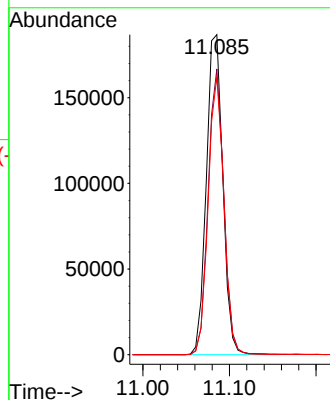
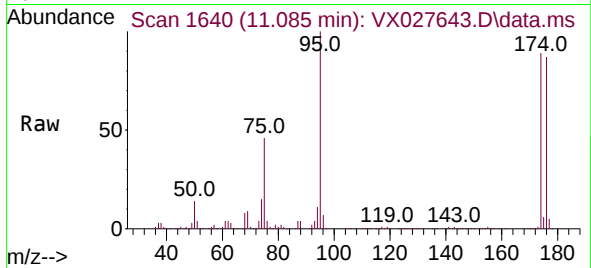




#62
4-Bromofluorobenzene
Concen: 48.343 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027643.D
Acq: 23 Mar 2022 03:43

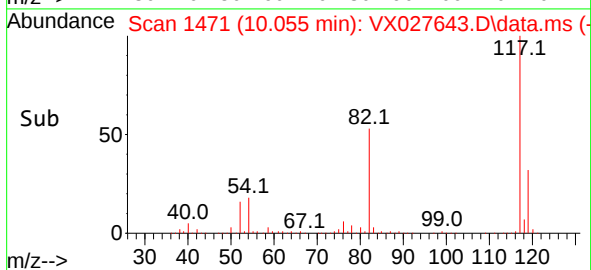
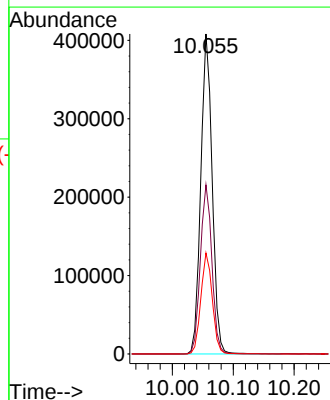
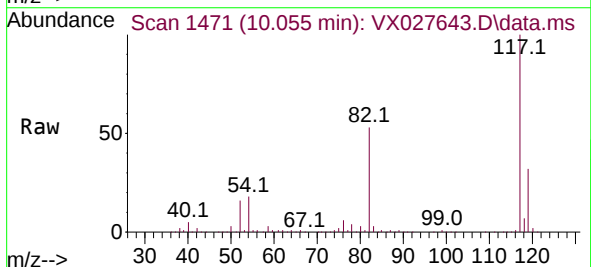
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-03-21

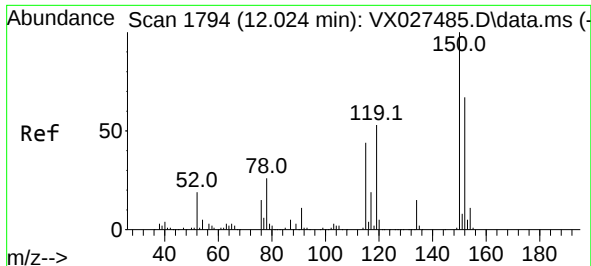
Tgt Ion: 95 Resp: 247650
Ion Ratio Lower Upper
95 100
174 85.1 0.0 163.0
176 82.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027643.D
Acq: 23 Mar 2022 03:43

Tgt Ion: 117 Resp: 530974
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.8
119 31.5 24.8 37.2

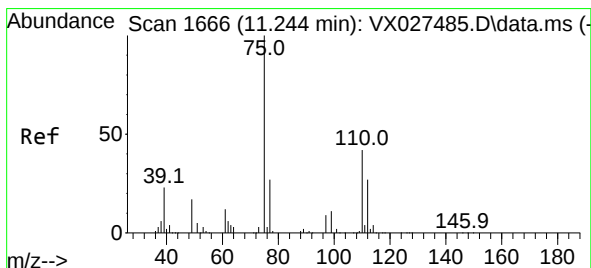
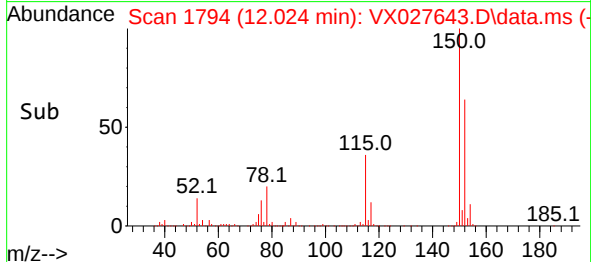
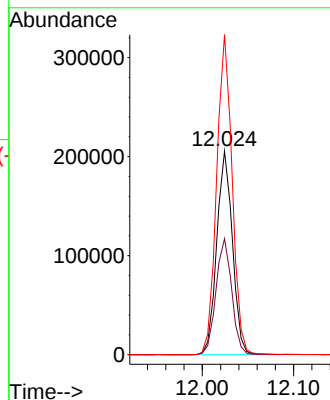
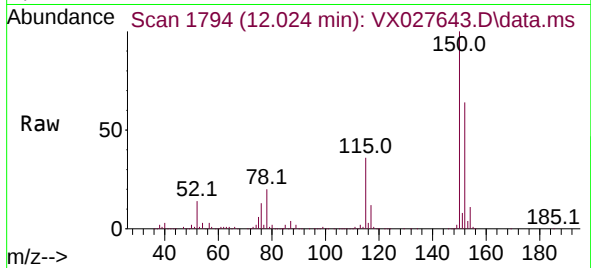




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027643.D
 Acq: 23 Mar 2022 03:43

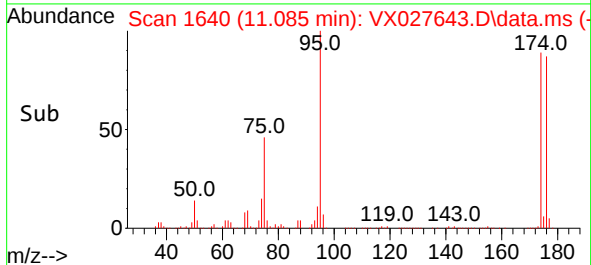
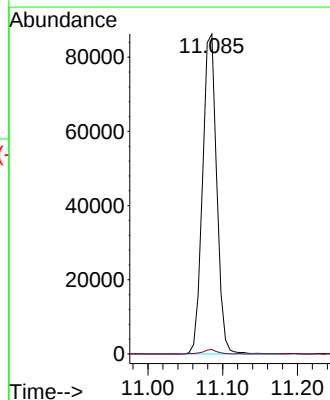
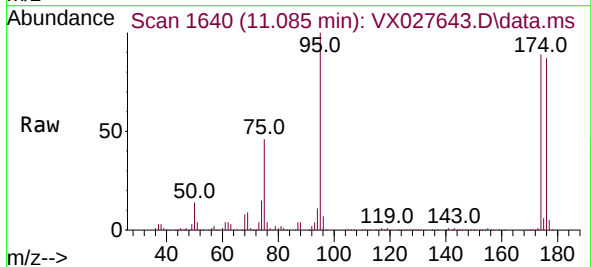
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2022-03-21

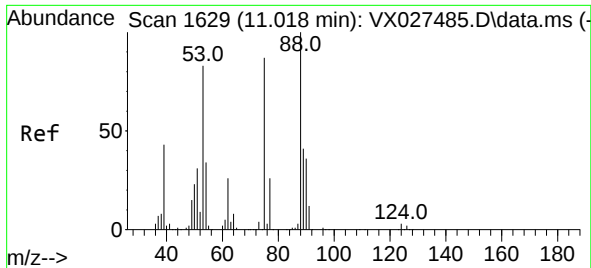
Tgt Ion:152 Resp: 245312
 Ion Ratio Lower Upper
 152 100
 115 57.2 37.5 112.7
 150 155.6 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 22.111 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX027643.D
 Acq: 23 Mar 2022 03:43

Tgt Ion: 75 Resp: 113455
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.153 ug/l
 RT: 11.085 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VX027643.D
 Acq: 23 Mar 2022 03:43

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2022-03-21

Tgt Ion: 75 Resp: 113455
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

