

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026246.D
 Acq On : 04 Jan 2022 02:01
 Operator : JC/MD
 Sample : PB141783ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 04 07:59:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

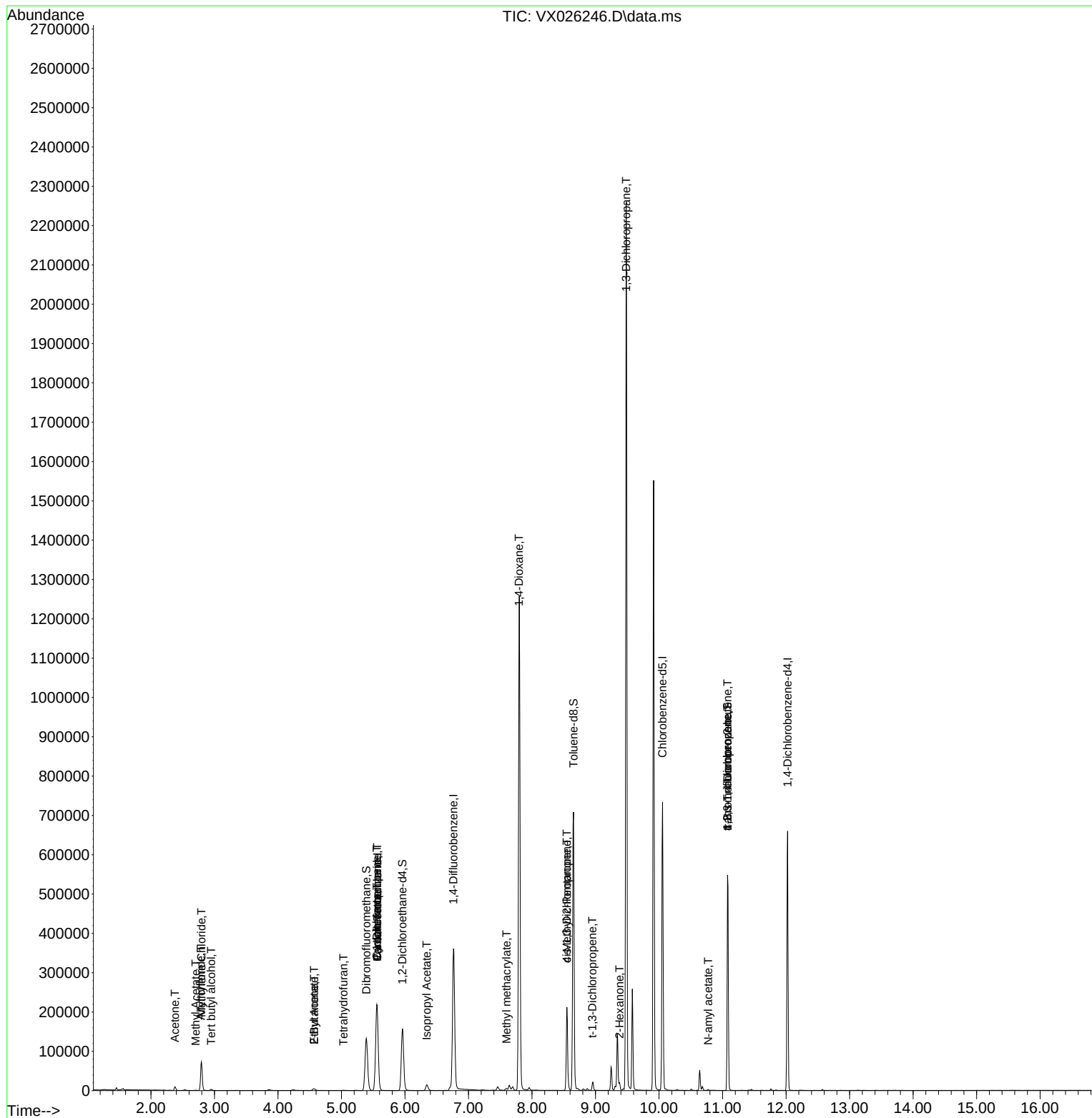
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	195370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	344326	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	302983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	158119	55.943	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.880%	
35) Dibromofluoromethane	5.391	113	113173	50.556	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.120%	
50) Toluene-d8	8.653	98	408770	49.092	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.180%	
62) 4-Bromofluorobenzene	11.079	95	142402	48.041	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.080%	
Target Compounds						Qvalue
11) Tert butyl alcohol	2.946	59	2001	3.545	ug/l #	79
14) Allyl chloride	2.788	41	1517	0.355	ug/l #	23
16) Acetone	2.380	43	11092	7.243	ug/l #	84
18) Methyl Acetate	2.703	43	1453	0.293	ug/l #	72
20) Methylene Chloride	2.794	84	31319	12.073	ug/l	90
25) 2-Butanone	4.568	43	6391	2.996	ug/l	97
29) Tetrahydrofuran	5.032	42	638	0.474	ug/l #	60
31) Cyclohexane	5.556	56	5047	1.254	ug/l #	16
36) 1,1-Dichloropropene	5.556	75	17533	4.856	ug/l #	49
37) Ethyl Acetate	4.568	43	6391	1.527	ug/l #	69
38) Carbon Tetrachloride	5.562	117	22043	5.488	ug/l #	16
43) Isopropyl Acetate	6.342	43	20410	2.991	ug/l	97
48) Methyl methacrylate	7.598	41	6659	2.035	ug/l #	12
49) 1,4-Dioxane	7.793	88	177	2.935	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	75495	17.780	ug/l #	49
53) t-1,3-Dichloropropene	8.952	75	18	1.897	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	30664	7.294	ug/l #	67
57) 1,3-Dichloropropane	9.482	76	18787	4.207	ug/l #	42
59) 2-Hexanone	9.378	43	9485	2.949	ug/l #	25
74) N-amyl acetate	10.774	43	955	0.216	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	78671	26.305	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	78671	76.101	ug/l #	10

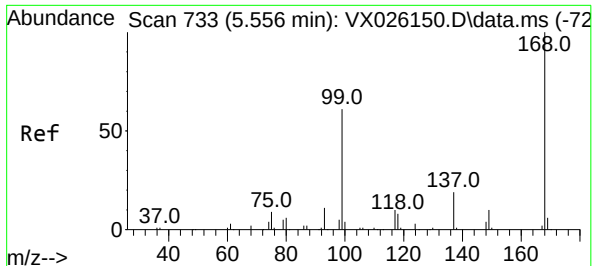
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
Data File : VX026246.D
Acq On : 04 Jan 2022 02:01
Operator : JC/MD
Sample : PB141783ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

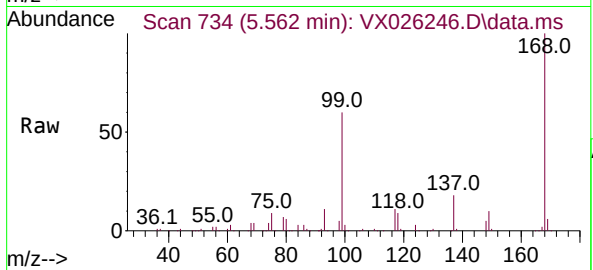
Quant Time: Jan 04 07:59:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



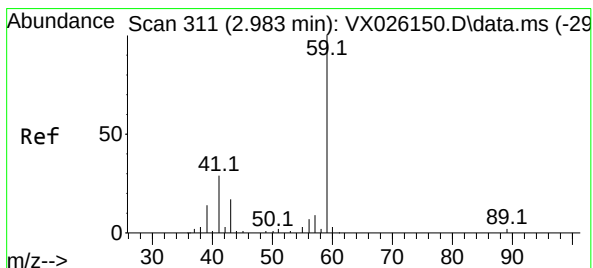
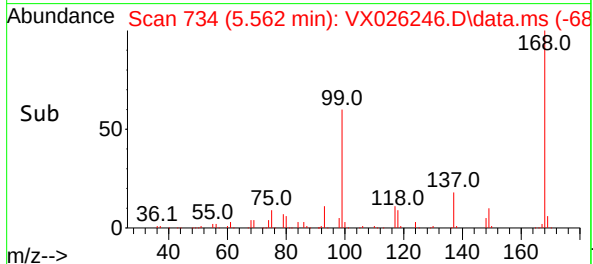
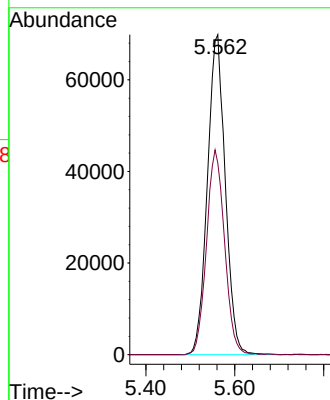


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026246.D
Acq: 04 Jan 2022 02:01

Instrument :
MSVOA_X
ClientSampleId :

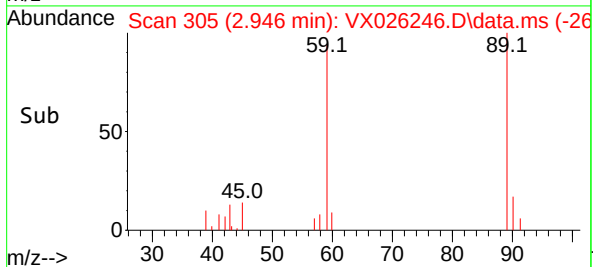
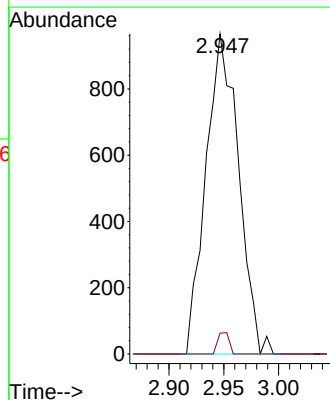
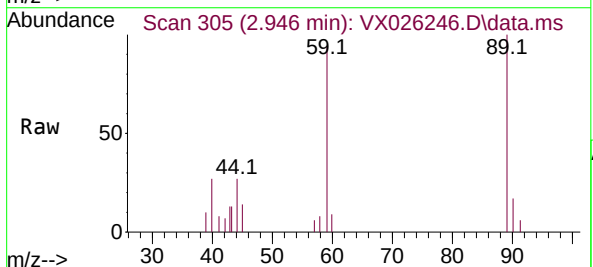


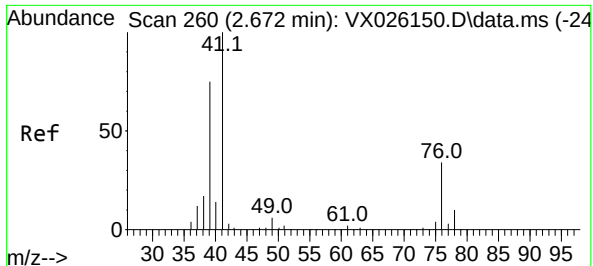
Tgt Ion:168 Resp: 195370
Ion Ratio Lower Upper
168 100
99 59.9 45.8 68.8



#11
Tert butyl alcohol
Concen: 3.545 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX026246.D
Acq: 04 Jan 2022 02:01

Tgt Ion: 59 Resp: 2001
Ion Ratio Lower Upper
59 100
57 2.3 8.2 12.2#





#14

Allyl chloride

Concen: 0.355 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.116 min

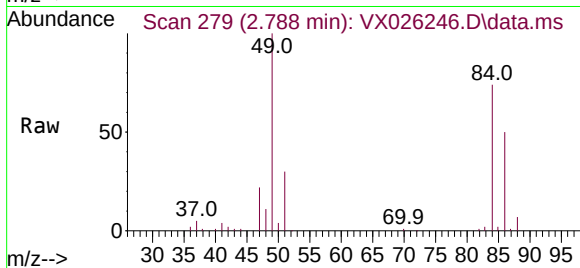
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Acq: 04 Jan 2022 02:01

Instrument :

MSVOA_X

ClientSampleId :



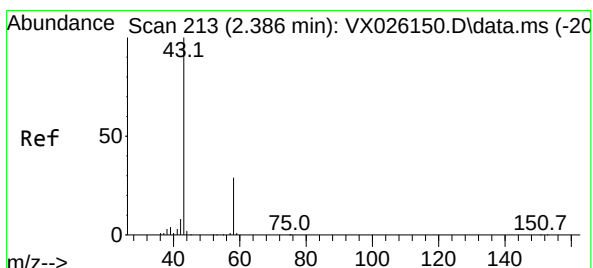
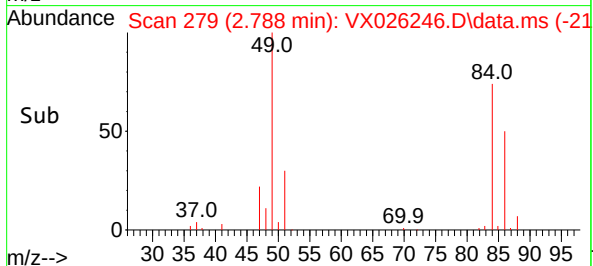
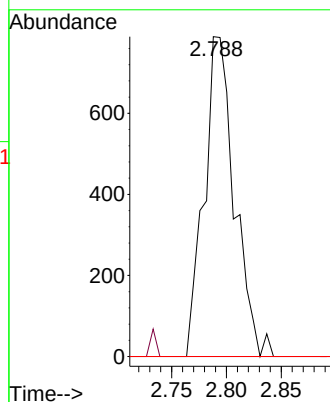
Tgt Ion: 41 Resp: 1517

Ion Ratio Lower Upper

41 100

39 0.0 55.4 83.0#

76 0.0 27.6 41.4#



#16

Acetone

Concen: 7.243 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX026246.D

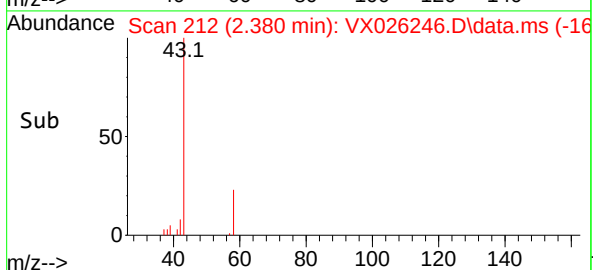
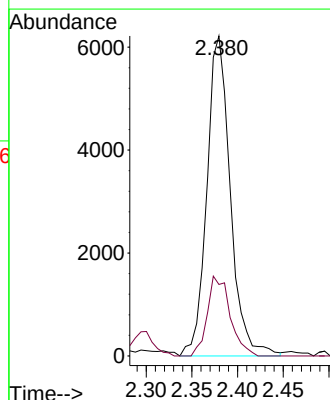
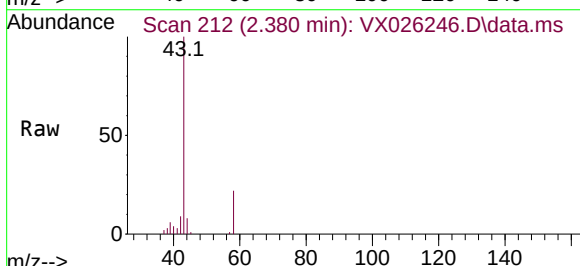
Acq: 04 Jan 2022 02:01

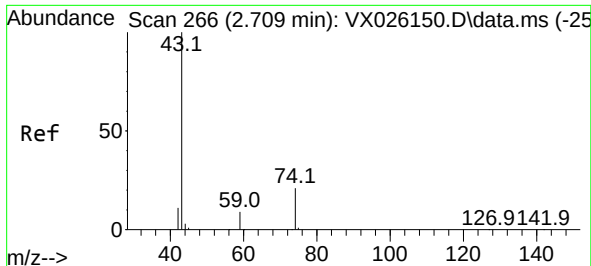
Tgt Ion: 43 Resp: 11092

Ion Ratio Lower Upper

43 100

58 22.4 24.8 37.2#

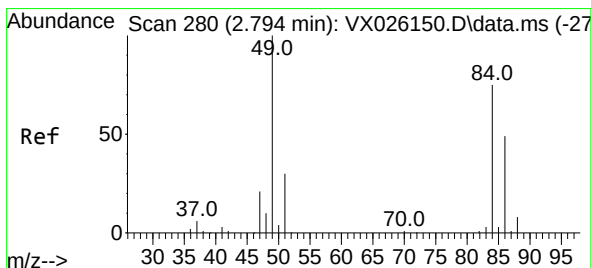
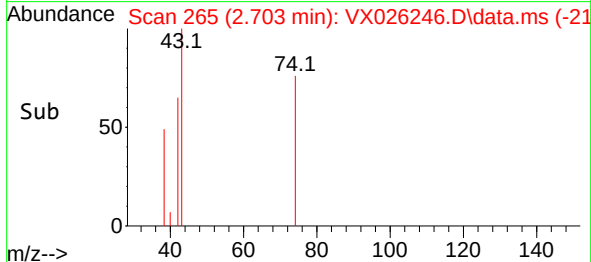
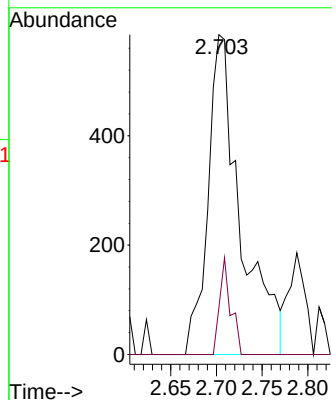
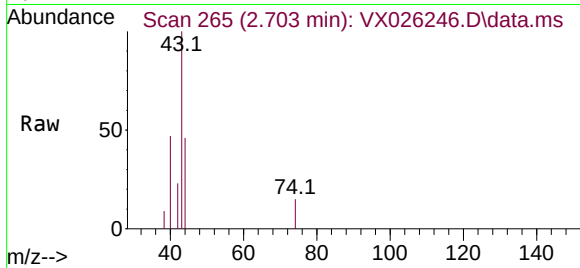




#18
Methyl Acetate
Concen: 0.293 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX026246.D
Acq: 04 Jan 2022 02:01

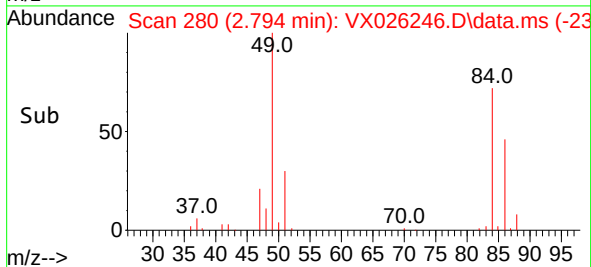
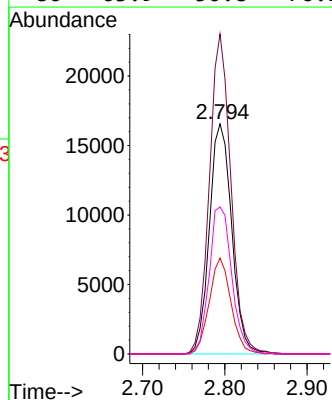
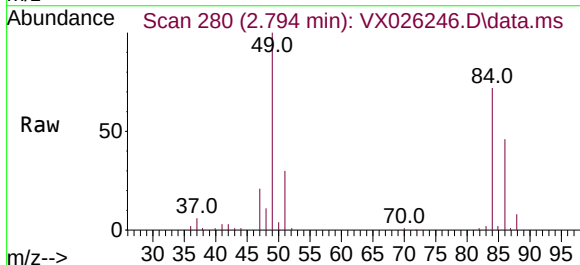
Instrument :
MSVOA_X
ClientSampleId :

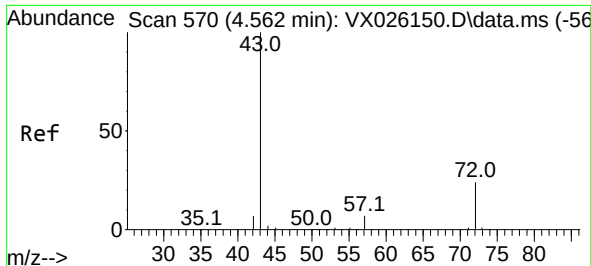
Tgt Ion: 43 Resp: 1453
Ion Ratio Lower Upper
43 100
74 10.3 19.1 28.7#



#20
Methylene Chloride
Concen: 12.073 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026246.D
Acq: 04 Jan 2022 02:01

Tgt Ion: 84 Resp: 31319
Ion Ratio Lower Upper
84 100
49 139.1 97.1 145.7
51 41.7 29.3 43.9
86 63.9 50.8 76.2

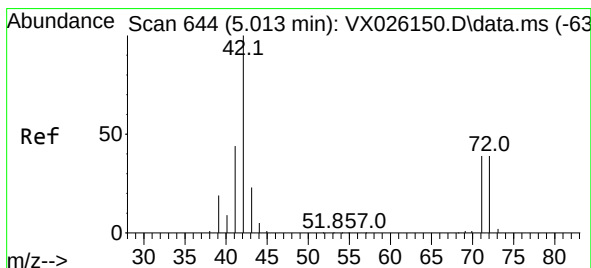
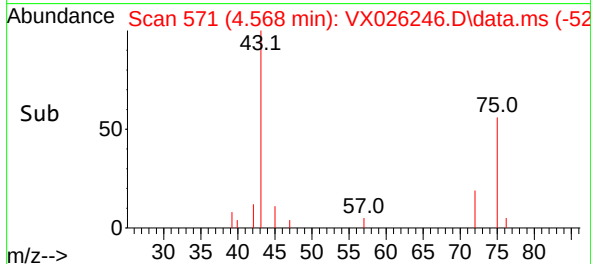
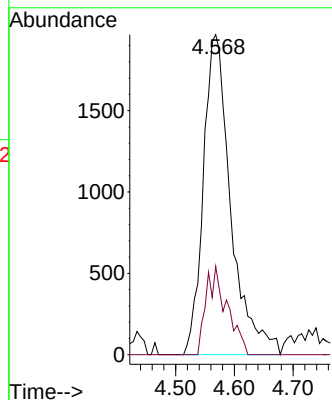
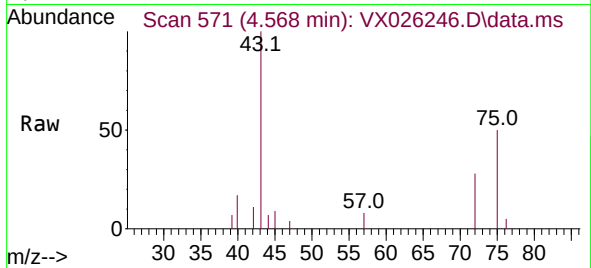




#25
2-Butanone
Concen: 2.996 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX026246.D
Acq: 04 Jan 2022 02:01

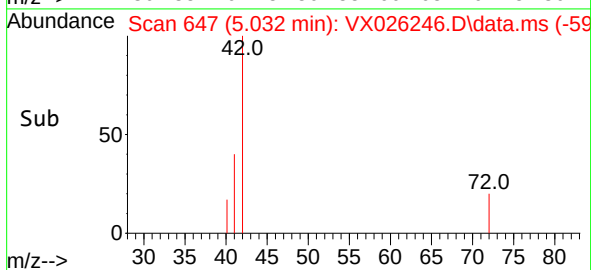
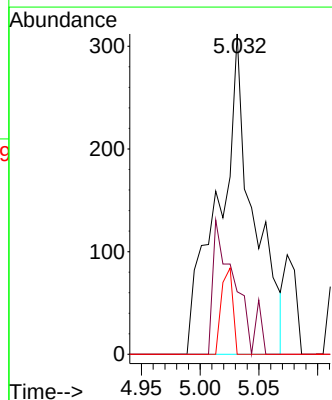
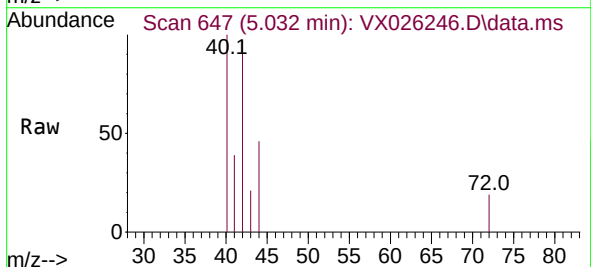
Instrument :
MSVOA_X
ClientSampleId :

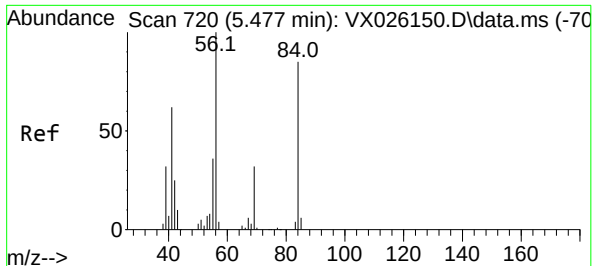
Tgt Ion: 43 Resp: 6391
Ion Ratio Lower Upper
43 100
72 27.6 21.0 31.4



#29
Tetrahydrofuran
Concen: 0.474 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.019 min
Lab File: VX026246.D
Acq: 04 Jan 2022 02:01

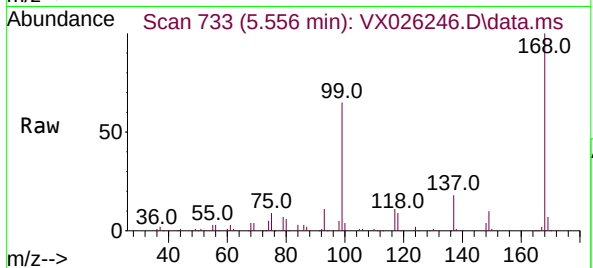
Tgt Ion: 42 Resp: 638
Ion Ratio Lower Upper
42 100
72 27.4 37.0 55.6#
71 8.8 34.1 51.1#



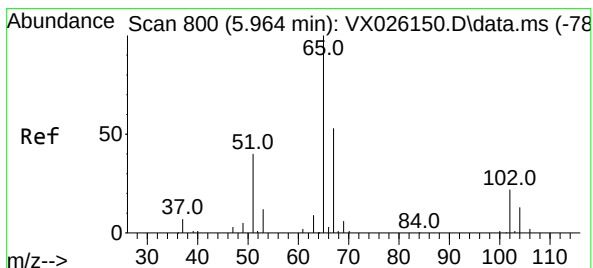
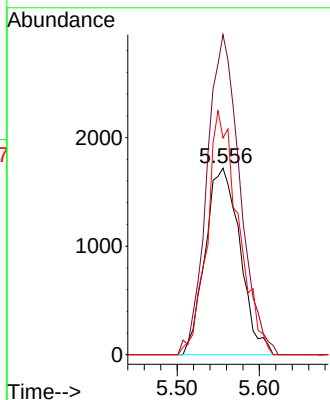
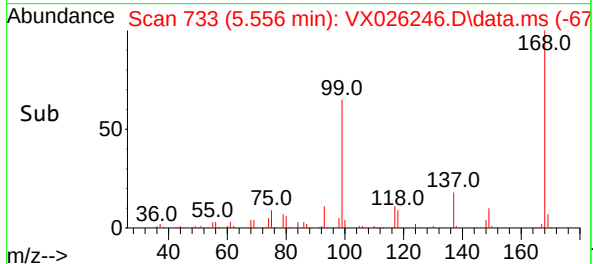


#31
Cyclohexane
Concen: 1.254 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX026246.D
Acq: 04 Jan 2022 02:01

Instrument :
MSVOA_X
ClientSampleId :

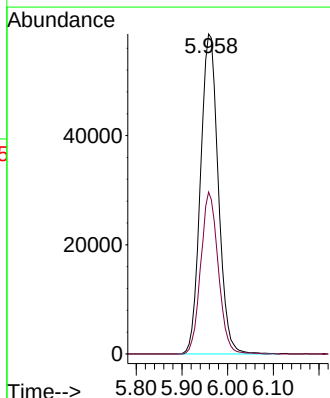
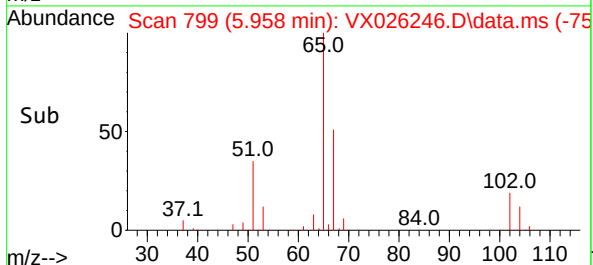
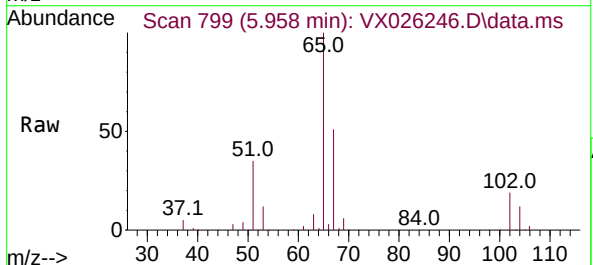


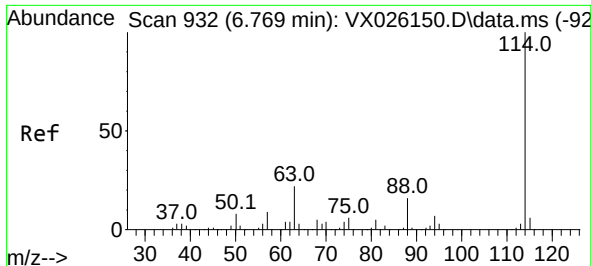
Tgt Ion: 56 Resp: 5047
Ion Ratio Lower Upper
56 100
69 171.5 23.9 35.9#
84 116.2 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 55.943 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026246.D
Acq: 04 Jan 2022 02:01

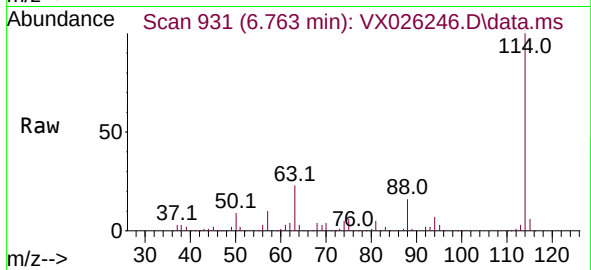
Tgt Ion: 65 Resp: 158119
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.4



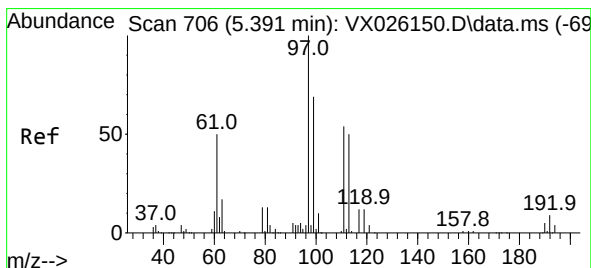
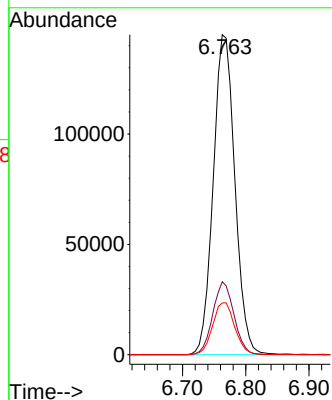
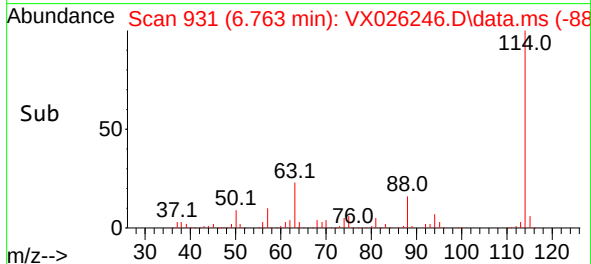


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX026246.D
Acq: 04 Jan 2022 02:01

Instrument :
MSVOA_X
ClientSampleId :

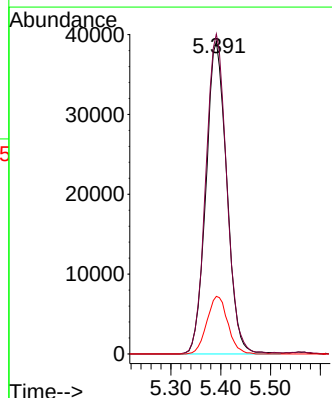
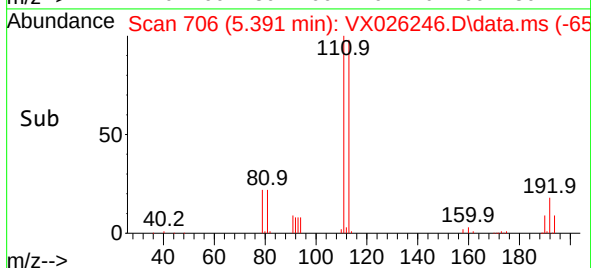
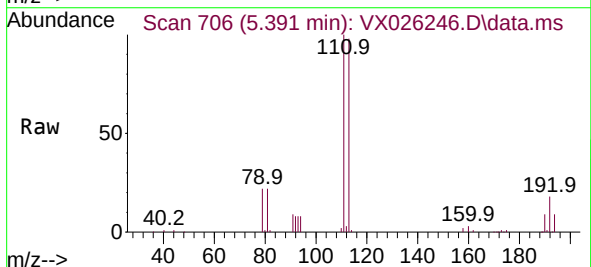


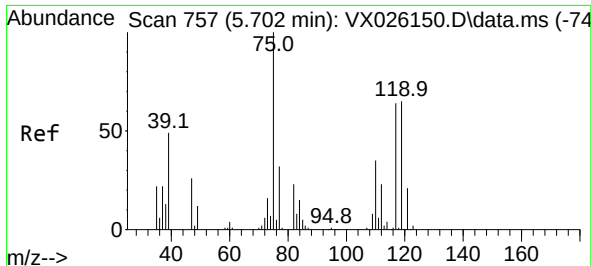
Tgt Ion:114 Resp: 344326
Ion Ratio Lower Upper
114 100
63 22.8 0.0 40.0
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.556 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026246.D
Acq: 04 Jan 2022 02:01

Tgt Ion:113 Resp: 113173
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.8
192 18.5 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.856 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.146 min

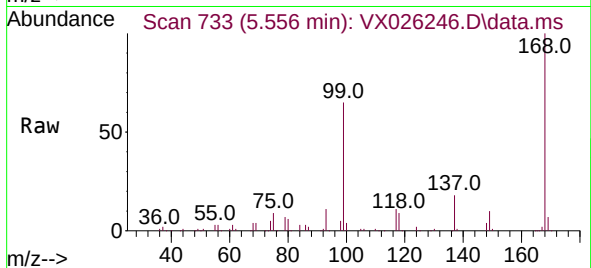
Lab File: VX026246.D

Acq: 04 Jan 2022 02:01

Instrument :

MSVOA_X

ClientSampleId :



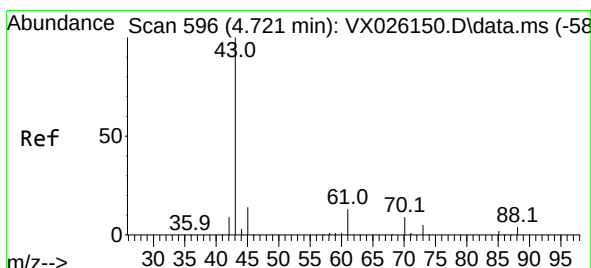
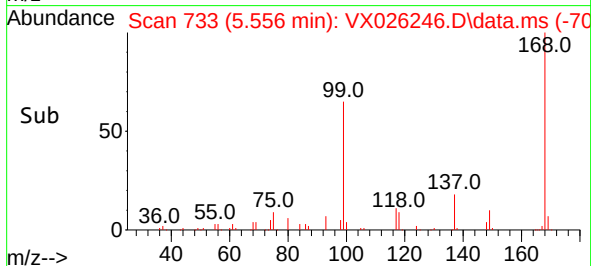
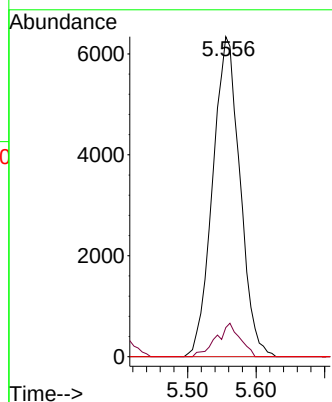
Tgt Ion: 75 Resp: 17533

Ion Ratio Lower Upper

75 100

110 9.1 18.2 54.6#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 1.527 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.153 min

Lab File: VX026246.D

Acq: 04 Jan 2022 02:01

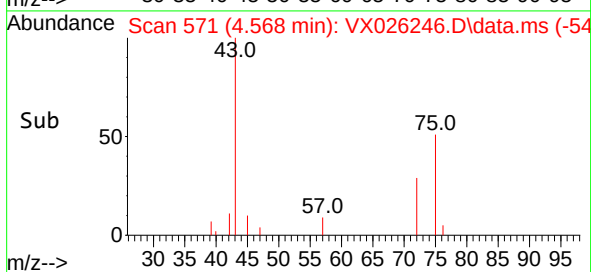
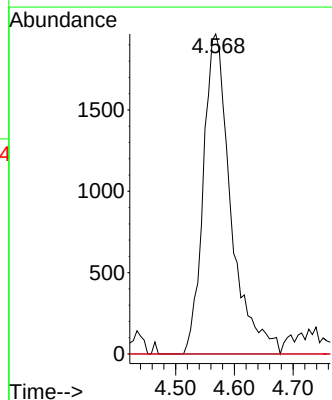
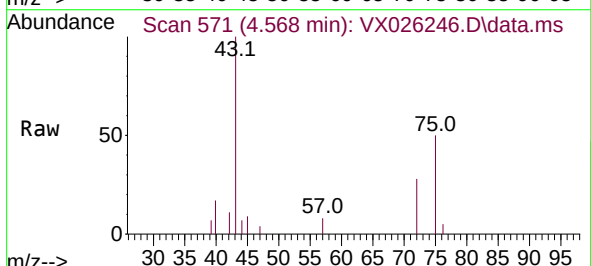
Tgt Ion: 43 Resp: 6391

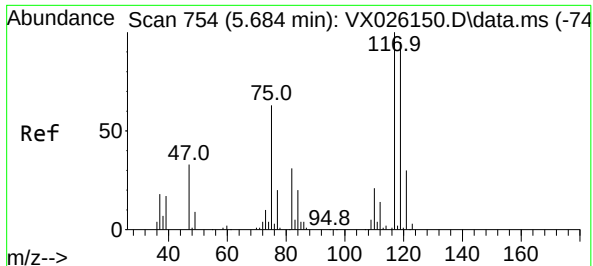
Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

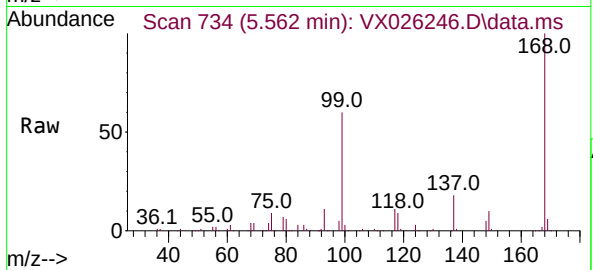
70 0.0 8.5 12.7#



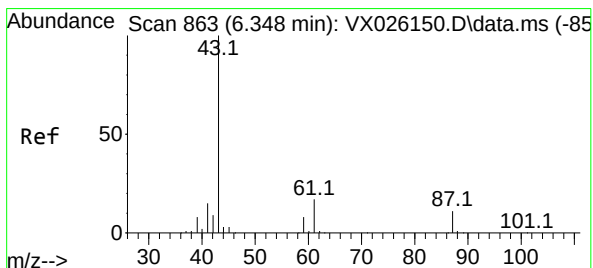
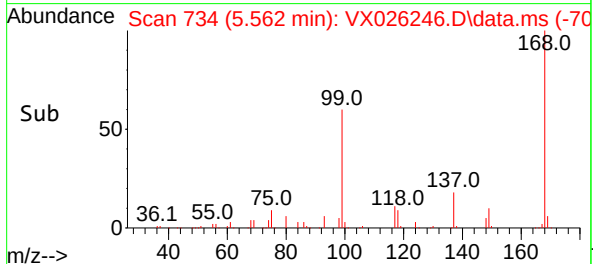
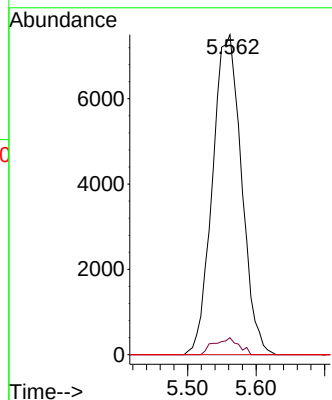


#38
Carbon Tetrachloride
Concen: 5.488 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026246.D
Acq: 04 Jan 2022 02:01

Instrument :
MSVOA_X
ClientSampleId :

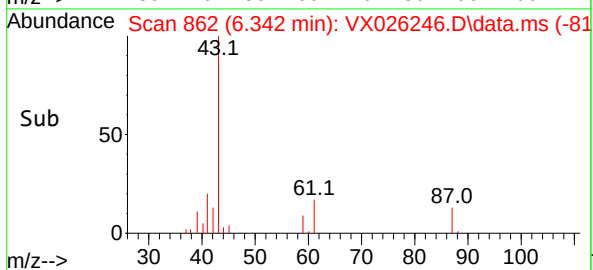
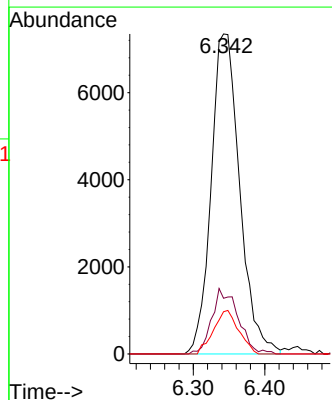
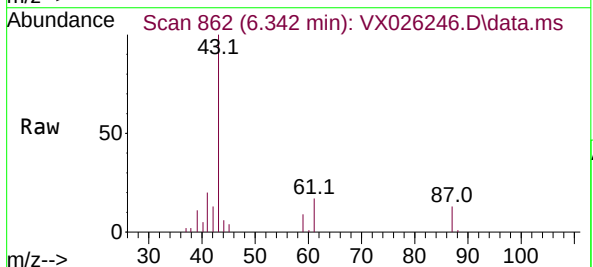


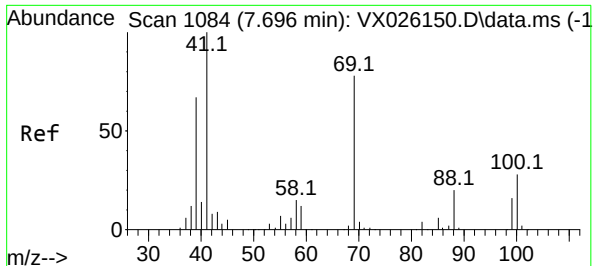
Tgt Ion:117 Resp: 22043
Ion Ratio Lower Upper
117 100
119 5.3 77.2 115.8#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 2.991 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX026246.D
Acq: 04 Jan 2022 02:01

Tgt Ion: 43 Resp: 20410
Ion Ratio Lower Upper
43 100
61 18.8 15.7 23.5
87 12.0 11.2 16.8





#48

Methyl methacrylate

Concen: 2.035 ug/l

RT: 7.598 min Scan# 1100

Delta R.T. -0.098 min

Lab File: VX026246.D

Acq: 04 Jan 2022 02:01

Instrument :

MSVOA_X

ClientSampleId :

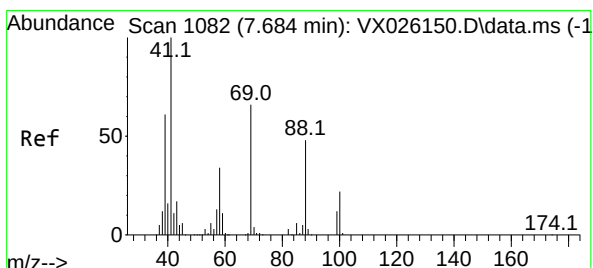
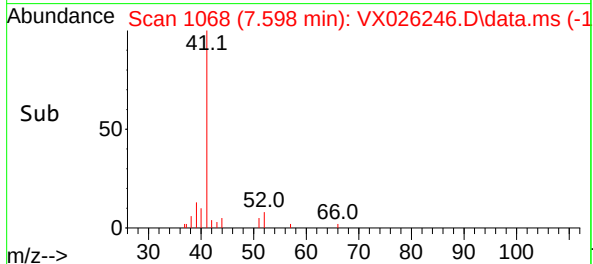
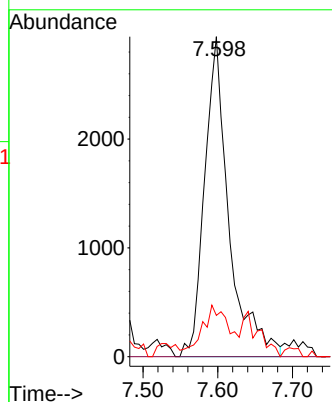
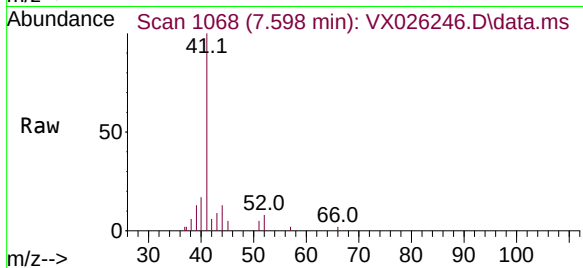
Tgt Ion: 41 Resp: 6659

Ion Ratio Lower Upper

41 100

69 0.0 67.3 100.9#

39 0.0 50.2 75.2#



#49

1,4-Dioxane

Concen: 2.935 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.109 min

Lab File: VX026246.D

Acq: 04 Jan 2022 02:01

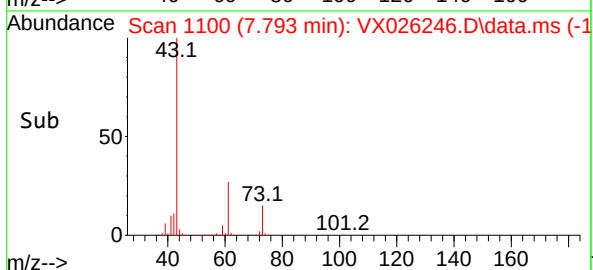
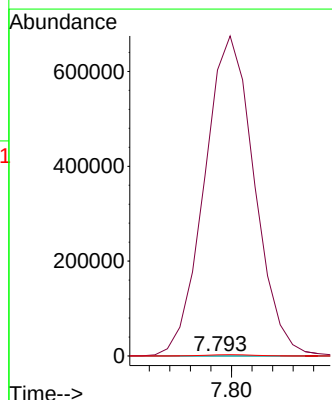
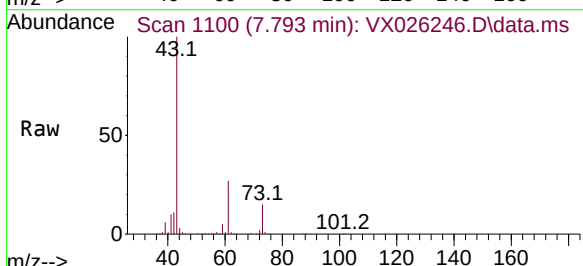
Tgt Ion: 88 Resp: 177

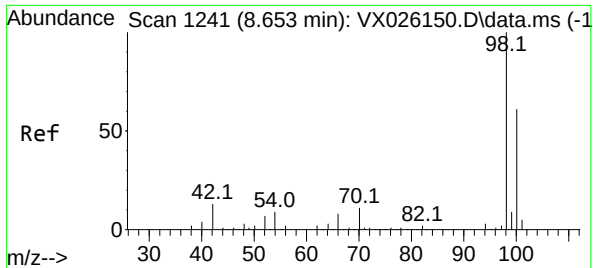
Ion Ratio Lower Upper

88 100

43 648444.1 25.3 37.9#

58 2578.0 51.8 77.6#

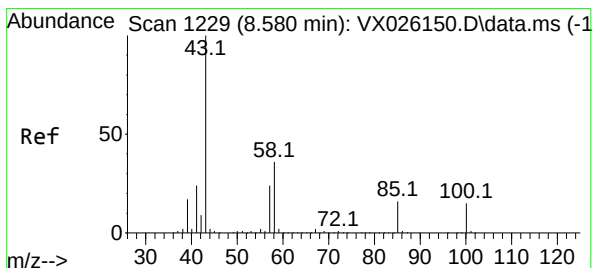
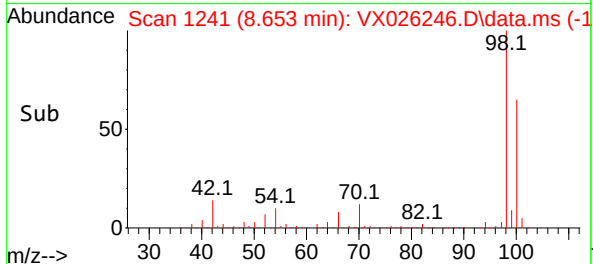
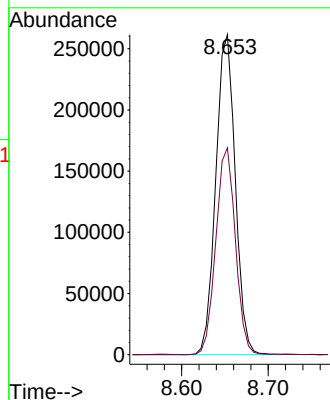
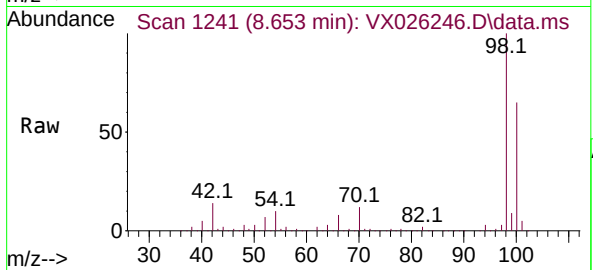




#50
Toluene-d8
Concen: 49.092 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026246.D
Acq: 04 Jan 2022 02:01

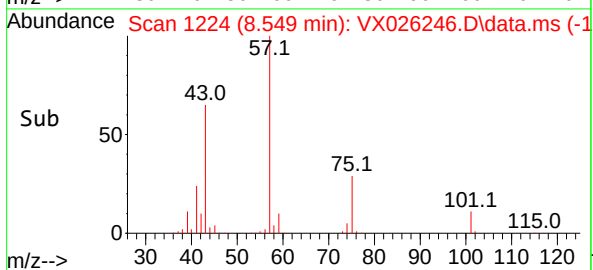
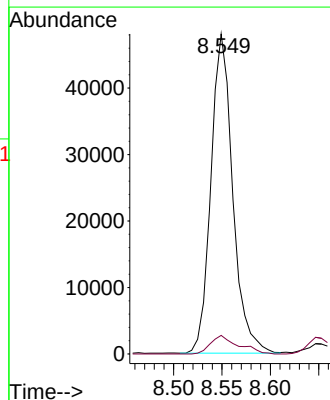
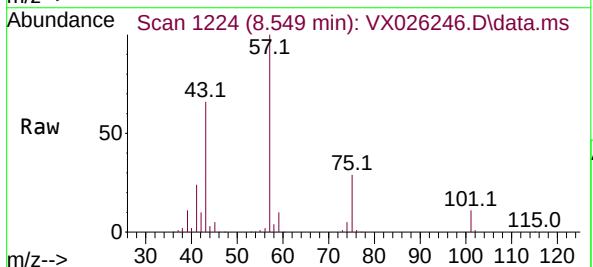
Instrument :
MSVOA_X
ClientSampleId :

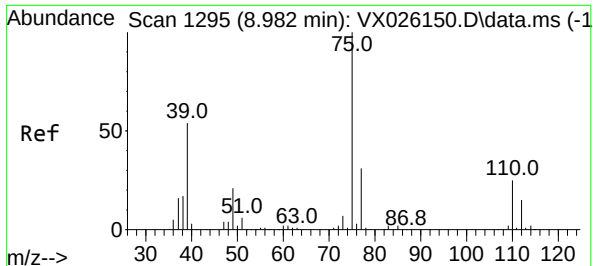
Tgt Ion: 98 Resp: 408770
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 17.780 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX026246.D
Acq: 04 Jan 2022 02:01

Tgt Ion: 43 Resp: 75495
Ion Ratio Lower Upper
43 100
58 7.3 30.8 46.2#





#53

t-1,3-Dichloropropene

Concen: 1.897 ug/l

RT: 8.952 min Scan# 11

Delta R.T. -0.030 min

Lab File: VX026246.D

Acq: 04 Jan 2022 02:01

Instrument :

MSVOA_X

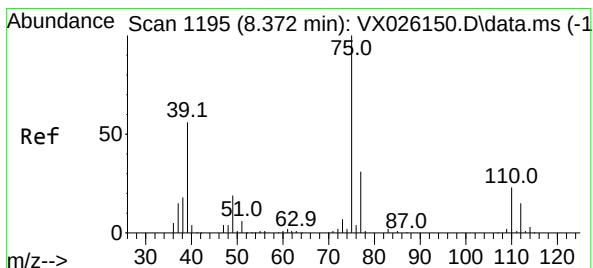
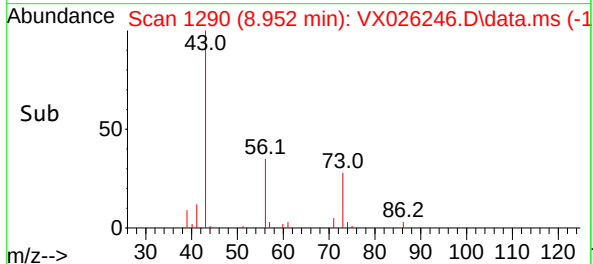
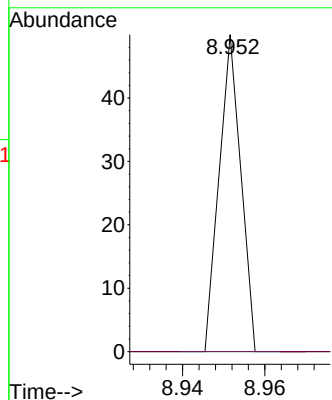
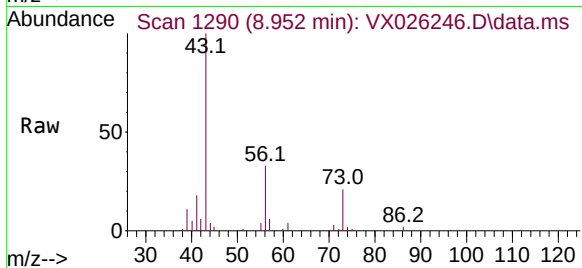
ClientSampleId :

Tgt Ion: 75 Resp: 18

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#54

cis-1,3-Dichloropropene

Concen: 7.294 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.177 min

Lab File: VX026246.D

Acq: 04 Jan 2022 02:01

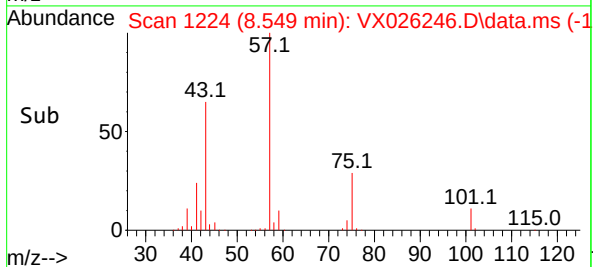
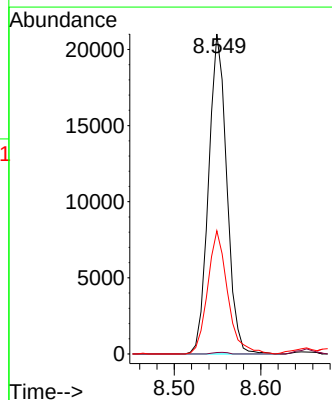
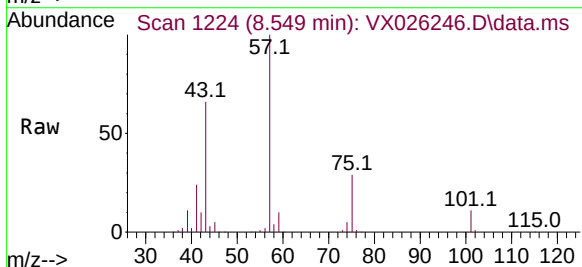
Tgt Ion: 75 Resp: 30664

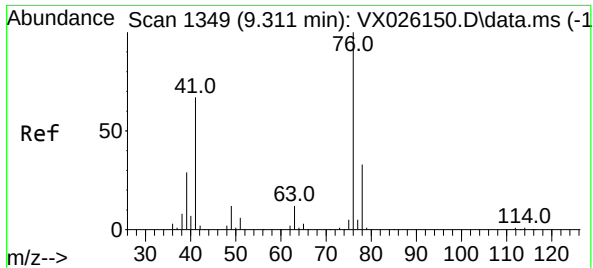
Ion Ratio Lower Upper

75 100

77 0.4 25.3 37.9#

39 38.5 41.4 62.0#





#57

1,3-Dichloropropane

Concen: 4.207 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026246.D

Acq: 04 Jan 2022 02:01

Instrument :

MSVOA_X

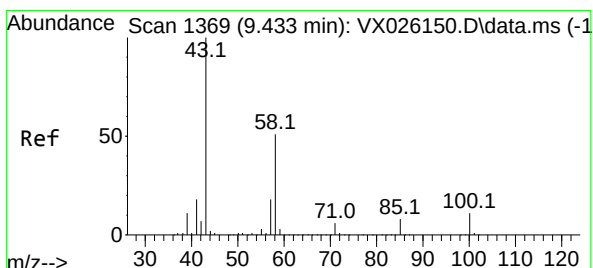
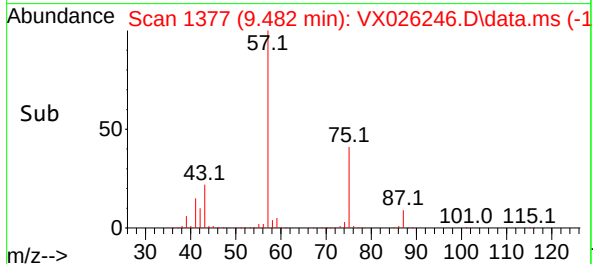
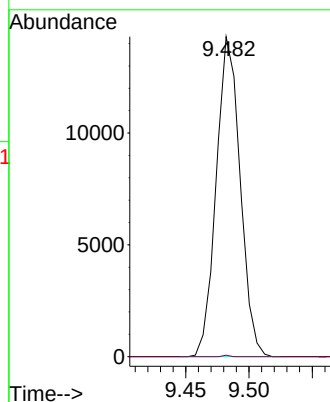
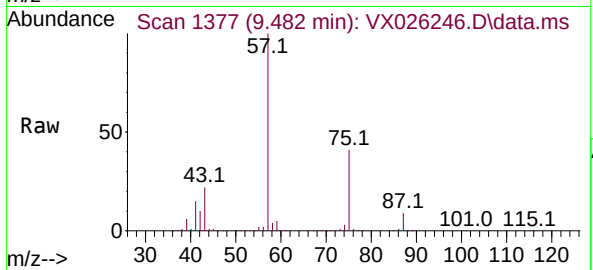
ClientSampleId :

Tgt Ion: 76 Resp: 18787

Ion Ratio Lower Upper

76 100

78 0.1 26.0 39.0#



#59

2-Hexanone

Concen: 2.949 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.055 min

Lab File: VX026246.D

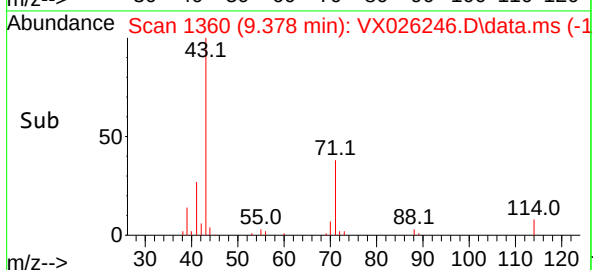
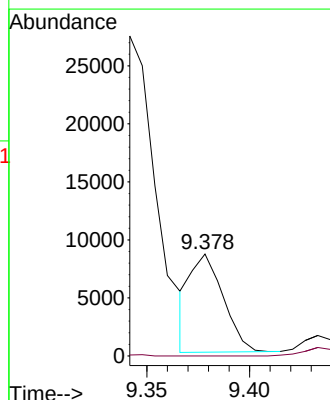
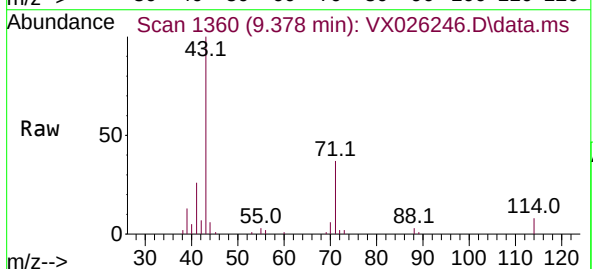
Acq: 04 Jan 2022 02:01

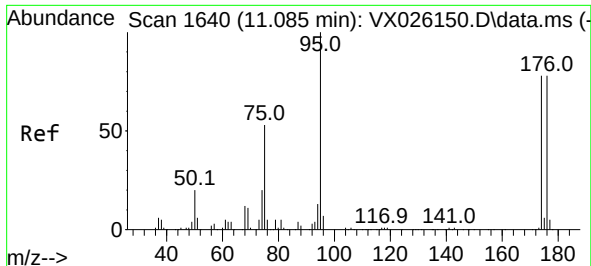
Tgt Ion: 43 Resp: 9485

Ion Ratio Lower Upper

43 100

58 0.0 26.9 80.6#





#62

4-Bromofluorobenzene

Concen: 48.041 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX026246.D

Acq: 04 Jan 2022 02:01

Instrument :

MSVOA_X

ClientSampleId :

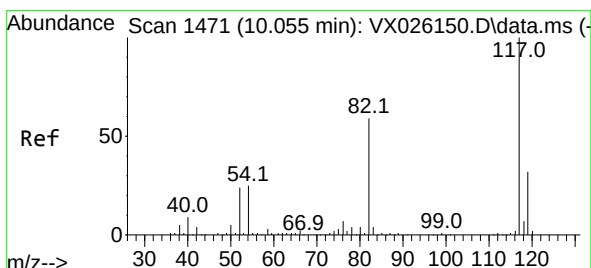
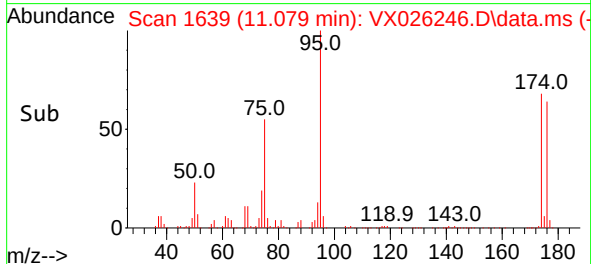
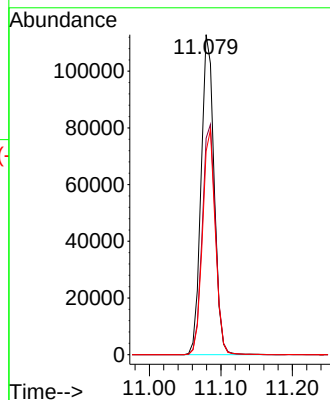
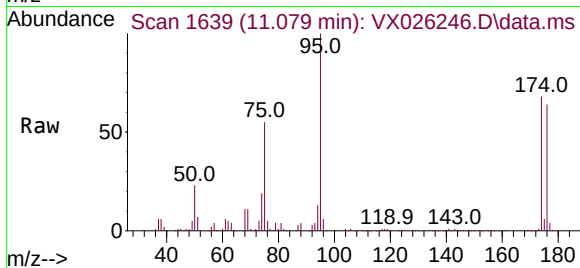
Tgt Ion: 95 Resp: 142402

Ion Ratio Lower Upper

95 100

174 73.4 0.0 157.4

176 69.6 0.0 154.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX026246.D

Acq: 04 Jan 2022 02:01

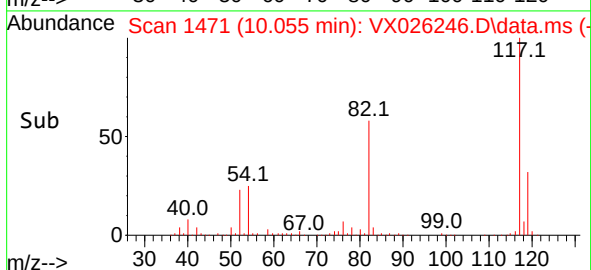
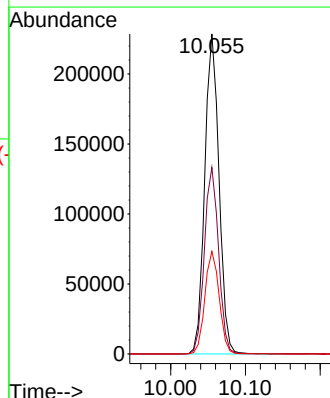
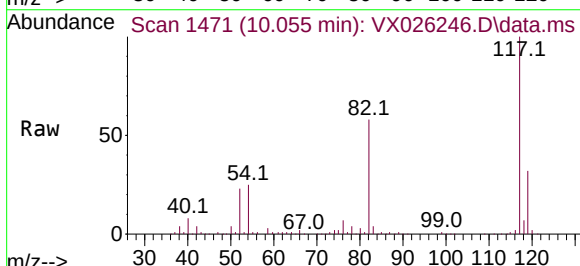
Tgt Ion: 117 Resp: 302983

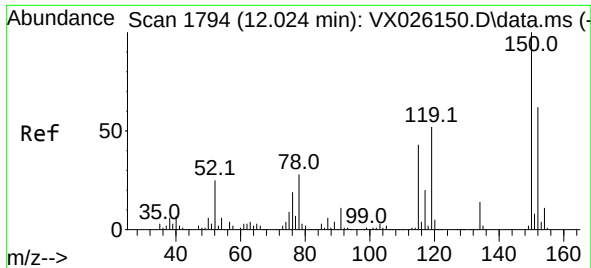
Ion Ratio Lower Upper

117 100

82 58.3 43.8 65.6

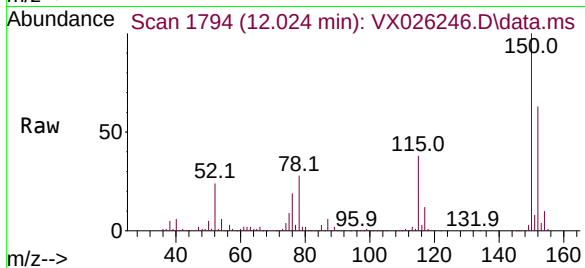
119 32.1 25.2 37.8



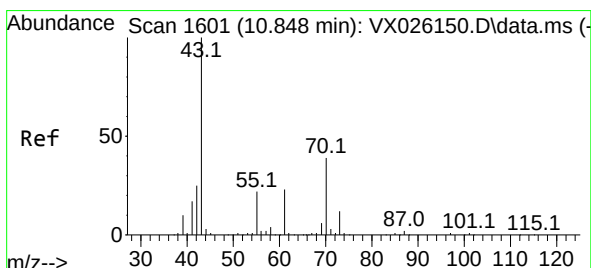
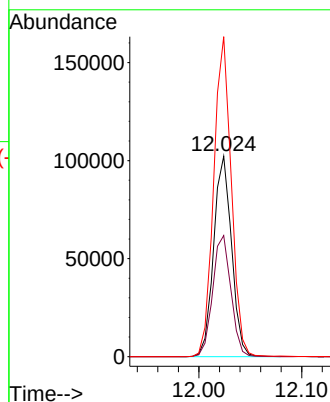
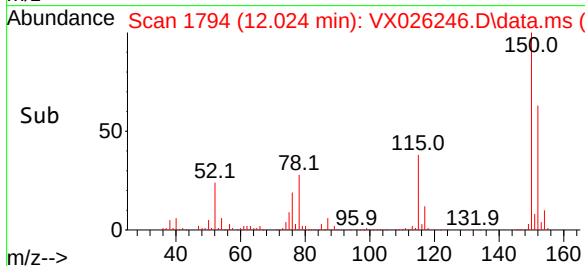


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026246.D
Acq: 04 Jan 2022 02:01

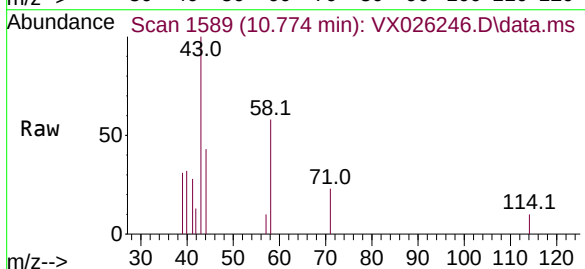
Instrument :
MSVOA_X
ClientSampleId :



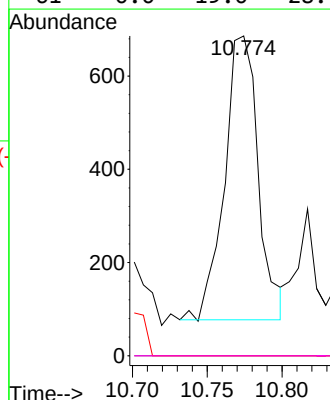
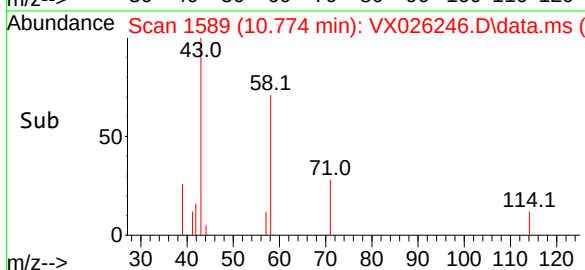
Tgt Ion:152 Resp: 123903
Ion Ratio Lower Upper
152 100
115 61.4 41.3 123.9
150 156.9 0.0 351.8

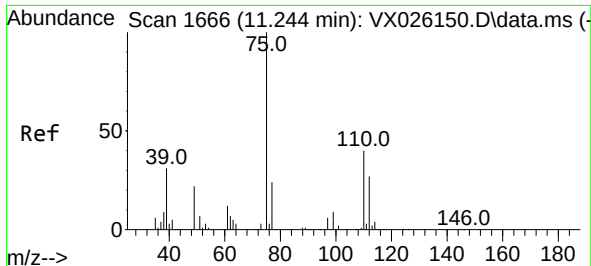


#74
N-ethyl acetate
Concen: 0.216 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.074 min
Lab File: VX026246.D
Acq: 04 Jan 2022 02:01



Tgt Ion: 43 Resp: 955
Ion Ratio Lower Upper
43 100
70 0.0 34.1 51.1#
55 0.0 19.2 28.8#
61 0.0 19.0 28.4#

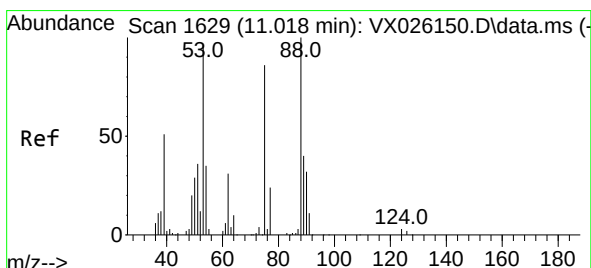
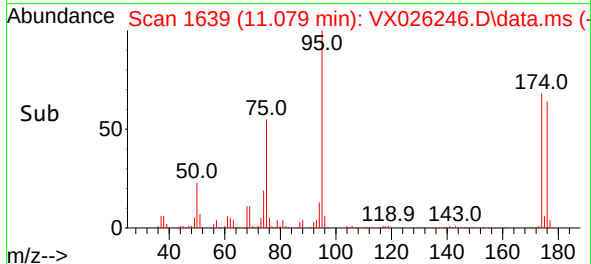
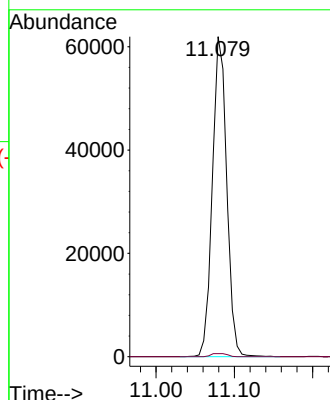
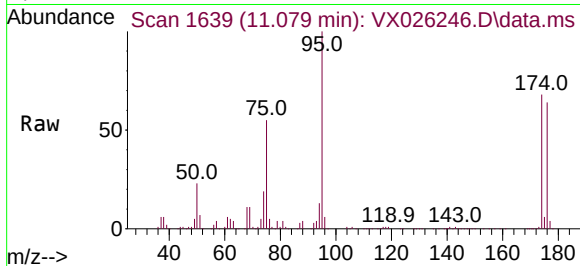




#76
1,2,3-Trichloropropane
Concen: 26.305 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026246.D
Acq: 04 Jan 2022 02:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 78671
Ion Ratio Lower Upper
75 100
77 1.1 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.101 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026246.D
Acq: 04 Jan 2022 02:01

Tgt Ion: 75 Resp: 78671
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

