

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011522\
 Data File : VX026466.D
 Acq On : 14 Jan 2022 20:36
 Operator : JC/MD
 Sample : PB142010ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 17 00:41:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

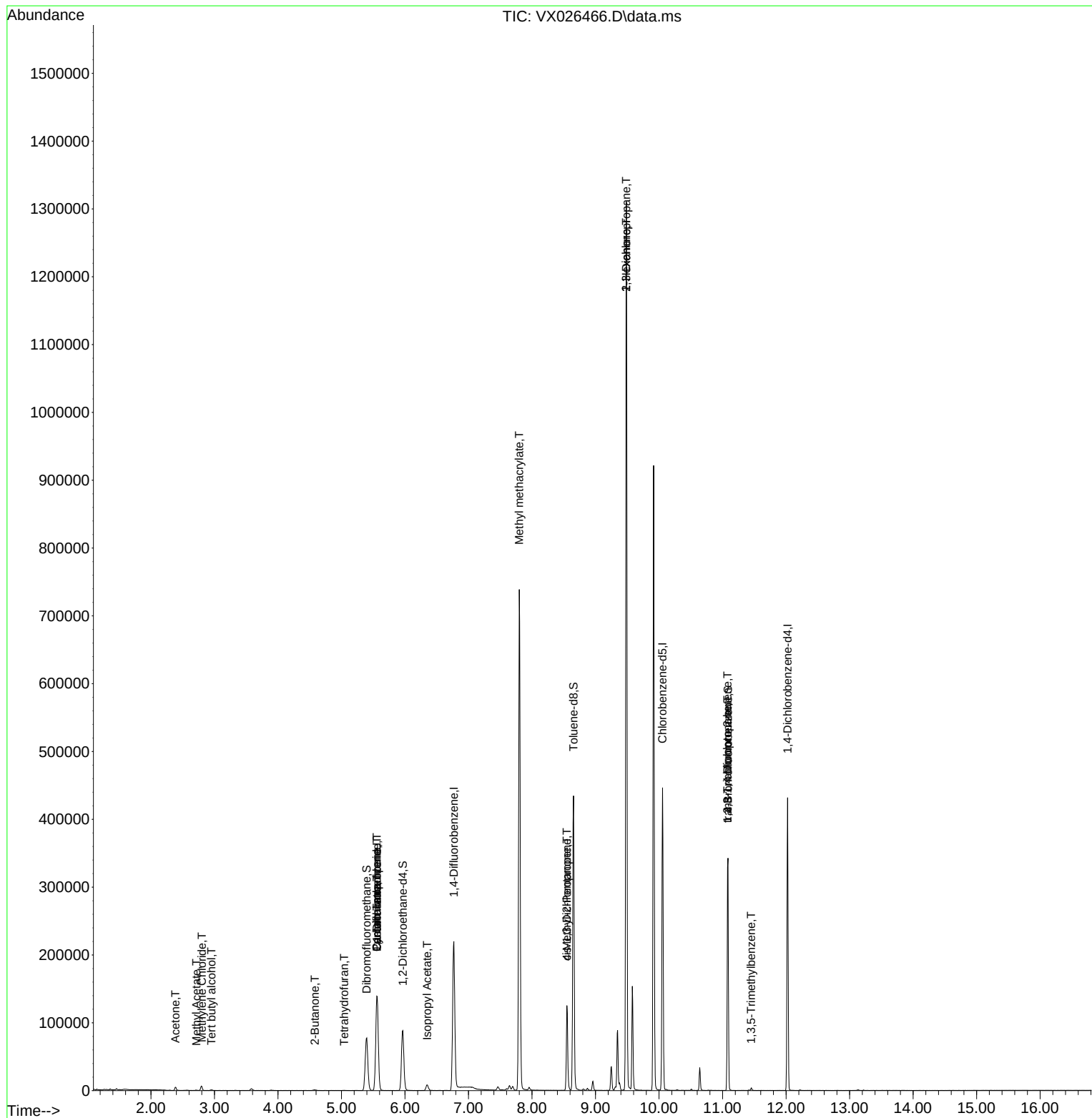
Internal Standards						
1) Pentafluorobenzene	5.556	168	128610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	215625	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	88646	49.341	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.680%
35) Dibromofluoromethane	5.397	113	68536	49.220	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.440%
50) Toluene-d8	8.653	98	252923	50.406	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.820%
62) 4-Bromofluorobenzene	11.085	95	94399	52.959	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	593	2.373	ug/l #	75
16) Acetone	2.386	43	5516	6.021	ug/l	98
18) Methyl Acetate	2.715	43	768	0.422	ug/l #	76
20) Methylene Chloride	2.800	84	2897	1.914	ug/l	97
25) 2-Butanone	4.580	43	1270	1.066	ug/l #	88
29) Tetrahydrofuran	5.044	42	355	0.502	ug/l #	34
31) Cyclohexane	5.556	56	2792	1.054	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10461	4.759	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13979	6.182	ug/l #	16
43) Isopropyl Acetate	6.348	43	12126	3.376	ug/l	99
48) Methyl methacrylate	7.799	41	63178	35.492	ug/l #	45
51) 4-Methyl-2-Pentanone	8.549	43	43477	20.407	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	19119	8.241	ug/l #	61
57) 1,3-Dichloropropane	9.482	76	11575	4.592	ug/l #	43
59) 2-Hexanone	9.482	43	168009	103.034	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	48370	26.415	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	1938	0.345	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.079	75	48370	80.010	ug/l #	3

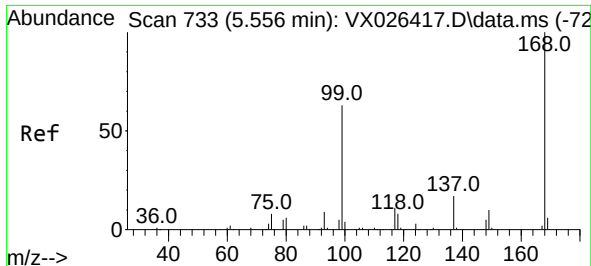
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

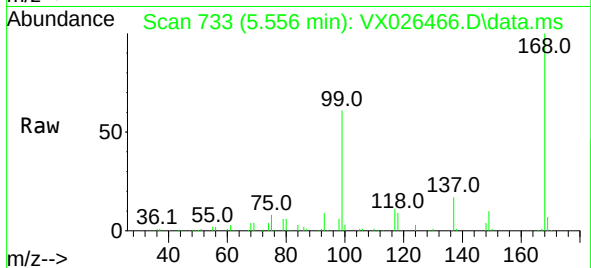
Quant Time: Jan 17 00:41:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration



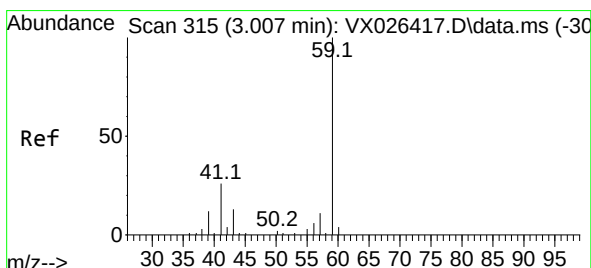
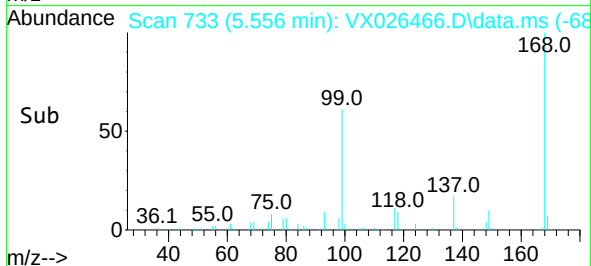
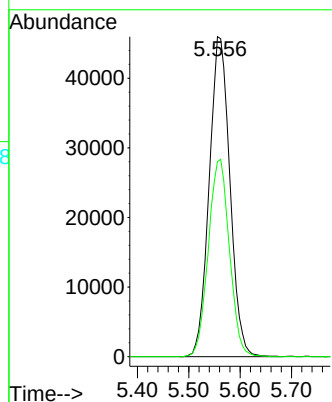


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026466.D
Acq: 14 Jan 2022 20:36

Instrument :
MSVOA_X
ClientSampleId :

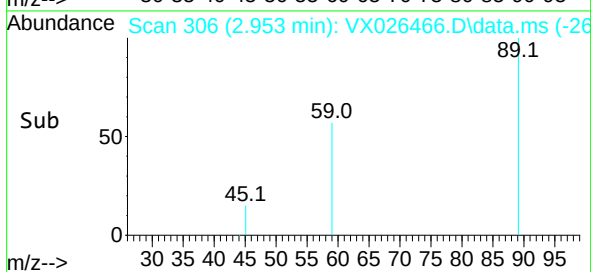
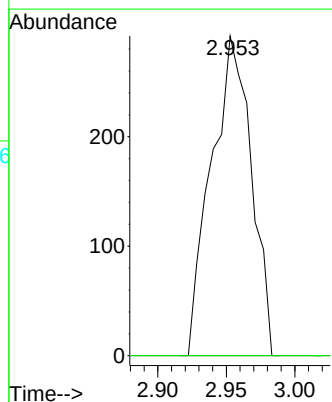
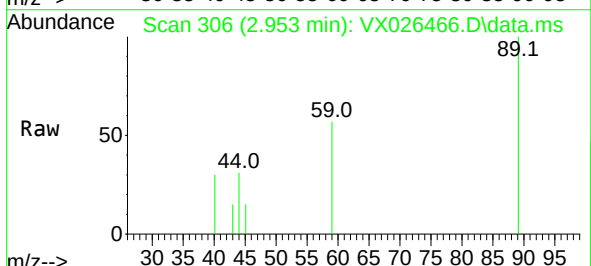


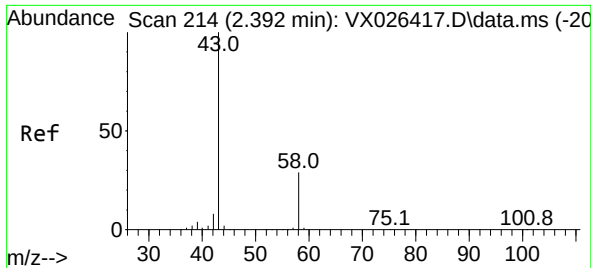
Tgt Ion:168 Resp: 128610
Ion Ratio Lower Upper
168 100
99 61.0 50.3 75.5



#11
Tert butyl alcohol
Concen: 2.373 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.054 min
Lab File: VX026466.D
Acq: 14 Jan 2022 20:36

Tgt Ion: 59 Resp: 593
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

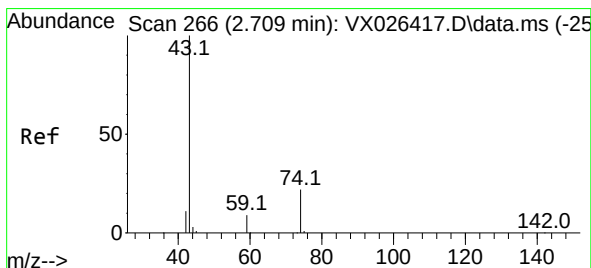
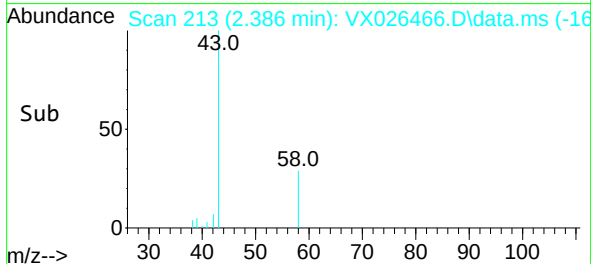
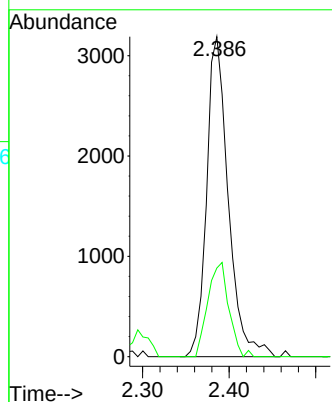
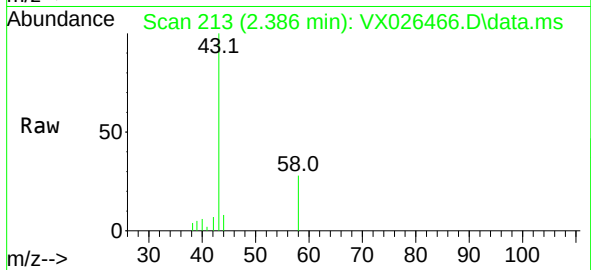




#16
Acetone
Concen: 6.021 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026466.D
Acq: 14 Jan 2022 20:36

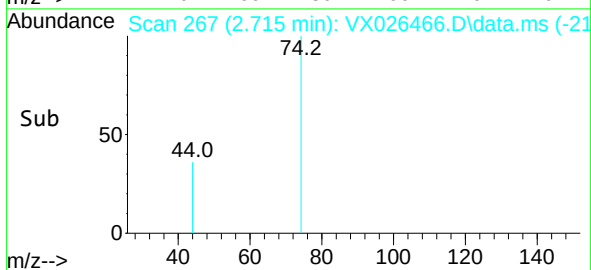
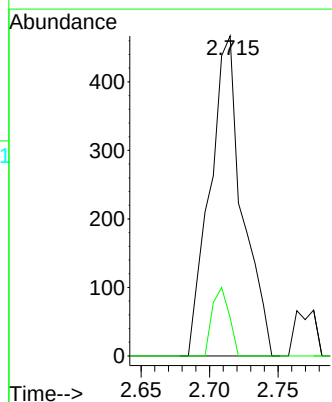
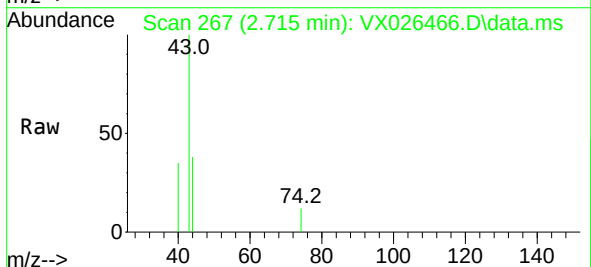
Instrument :
MSVOA_X
ClientSampleId :

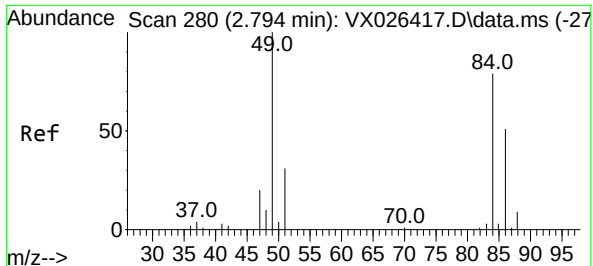
Tgt Ion: 43 Resp: 5516
Ion Ratio Lower Upper
43 100
58 27.7 23.0 34.6



#18
Methyl Acetate
Concen: 0.422 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX026466.D
Acq: 14 Jan 2022 20:36

Tgt Ion: 43 Resp: 768
Ion Ratio Lower Upper
43 100
74 11.2 18.3 27.5#





#20

Methylene Chloride

Concen: 1.914 ug/l

RT: 2.800 min Scan# 21

Delta R.T. 0.006 min

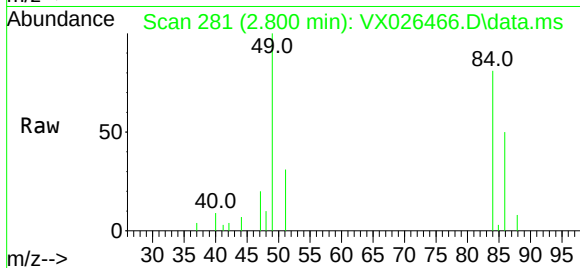
Lab File: VX026466.D

Acq: 14 Jan 2022 20:36

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 2897

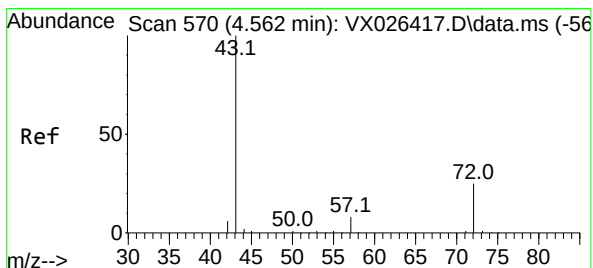
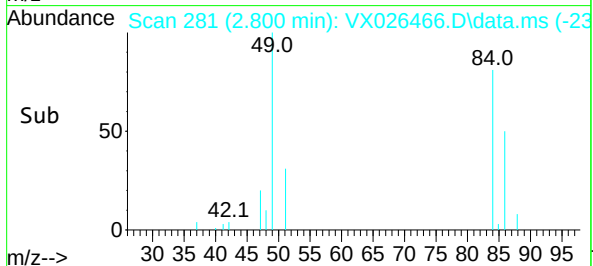
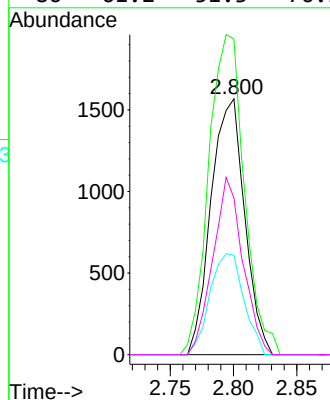
Ion Ratio Lower Upper

84 100

49 123.4 101.5 152.3

51 38.8 31.2 46.8

86 61.2 51.3 76.9



#25

2-Butanone

Concen: 1.066 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.018 min

Lab File: VX026466.D

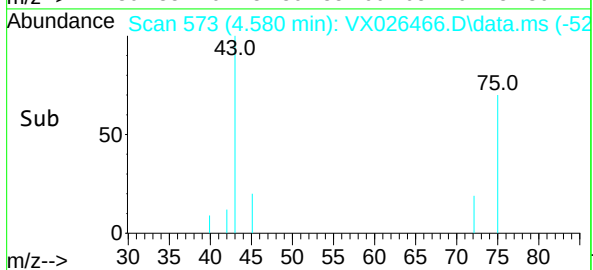
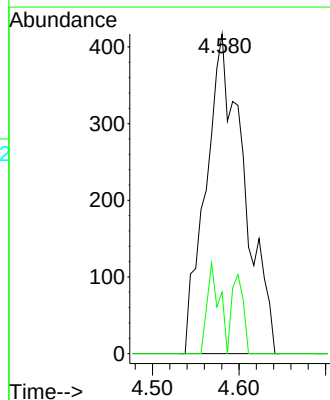
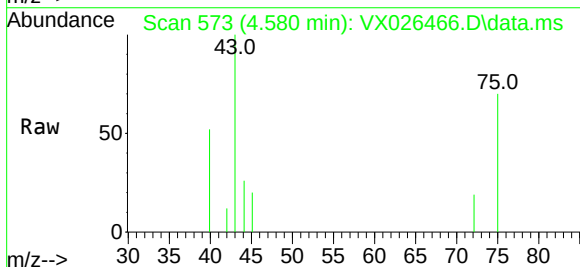
Acq: 14 Jan 2022 20:36

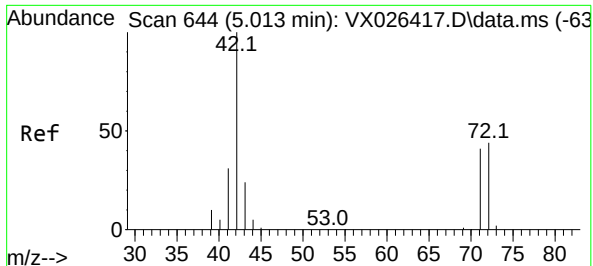
Tgt Ion: 43 Resp: 1270

Ion Ratio Lower Upper

43 100

72 19.2 20.4 30.6#





#29

Tetrahydrofuran

Concen: 0.502 ug/l

RT: 5.044 min Scan# 64

Delta R.T. 0.031 min

Lab File: VX026466.D

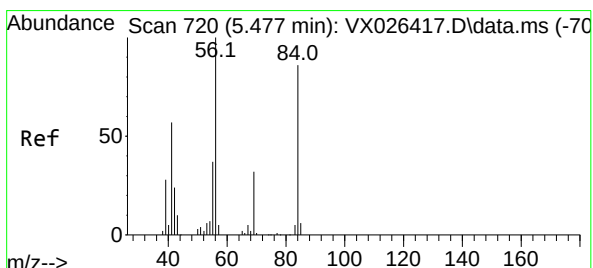
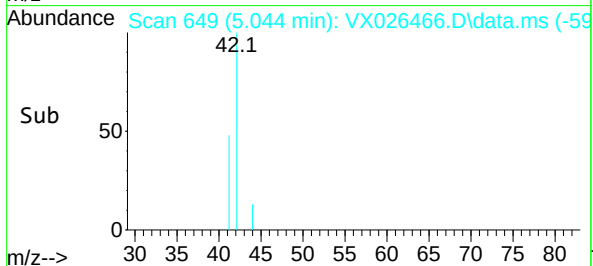
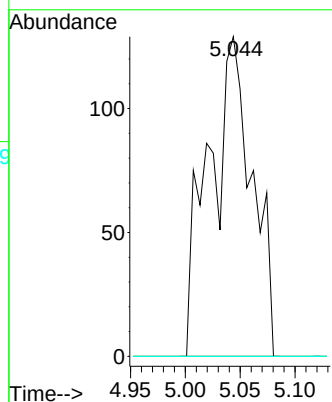
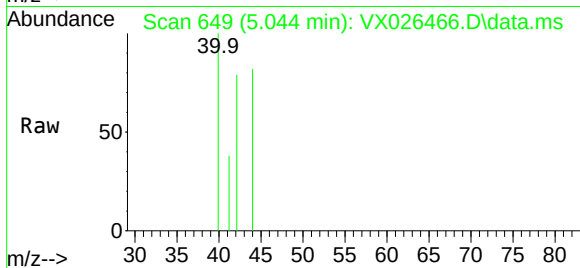
Acq: 14 Jan 2022 20:36

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	355
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.6	52.0#
71	0.0	31.8	47.8#



#31

Cyclohexane

Concen: 1.054 ug/l

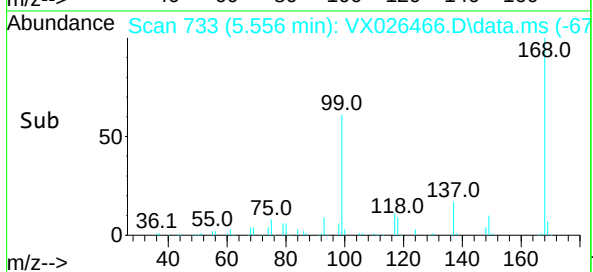
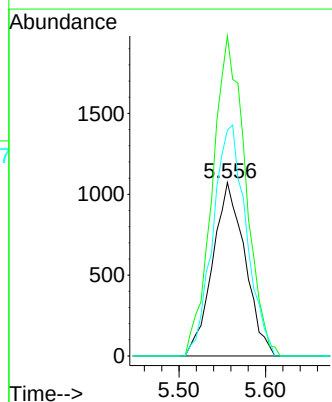
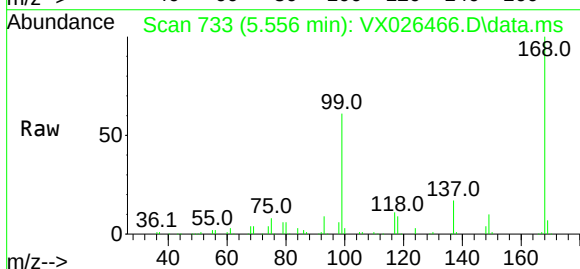
RT: 5.556 min Scan# 733

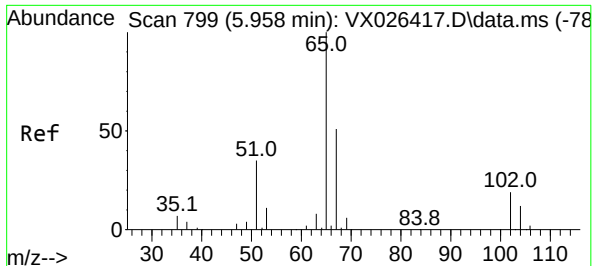
Delta R.T. 0.079 min

Lab File: VX026466.D

Acq: 14 Jan 2022 20:36

Tgt Ion:	56	Resp:	2792
Ion	Ratio	Lower	Upper
56	100		
69	184.4	25.8	38.6#
84	130.2	68.9	103.3#

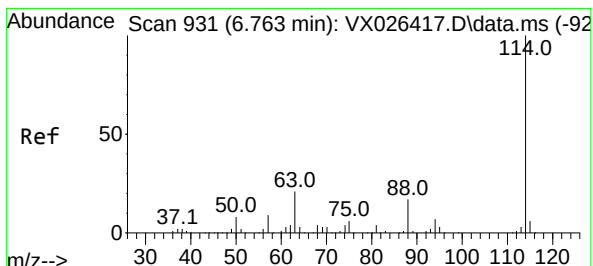
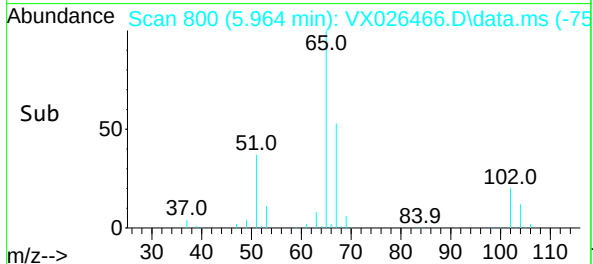
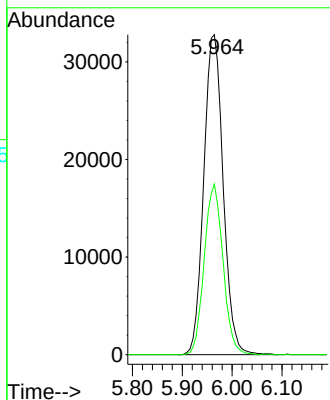
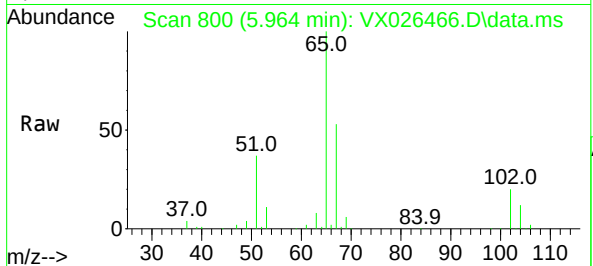




#33
 1,2-Dichloroethane-d4
 Concen: 49.341 ug/l
 RT: 5.964 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VX026466.D
 Acq: 14 Jan 2022 20:36

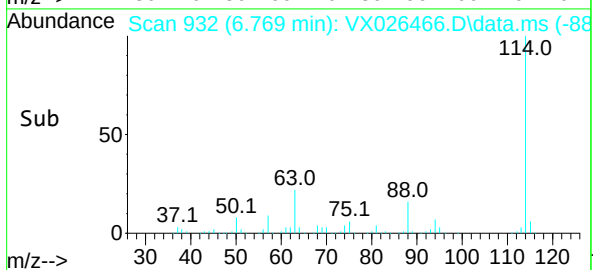
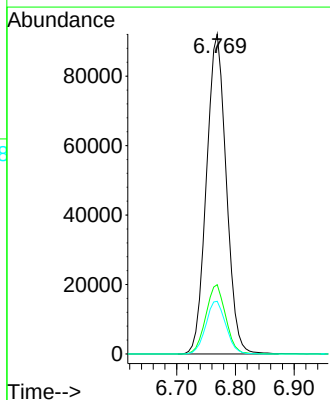
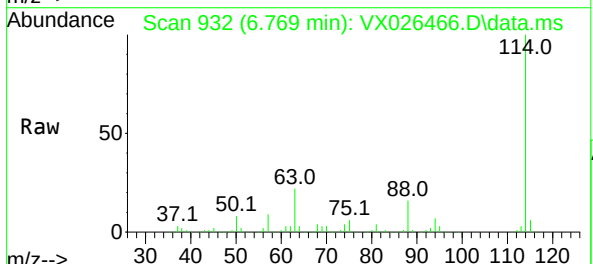
Instrument :
 MSVOA_X
 ClientSampleId :

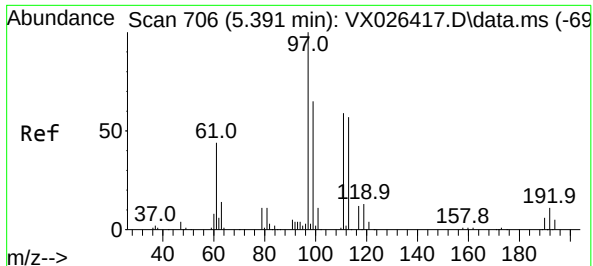
Tgt Ion: 65 Resp: 88646
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.006 min
 Lab File: VX026466.D
 Acq: 14 Jan 2022 20:36

Tgt Ion: 114 Resp: 215625
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 42.8
 88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.220 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

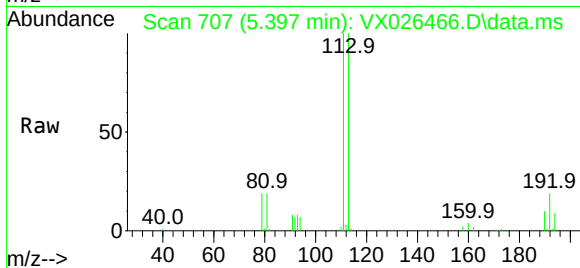
Lab File: VX026466.D

Acq: 14 Jan 2022 20:36

Instrument :

MSVOA_X

ClientSampleId :



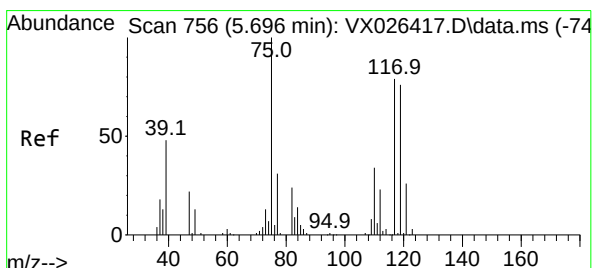
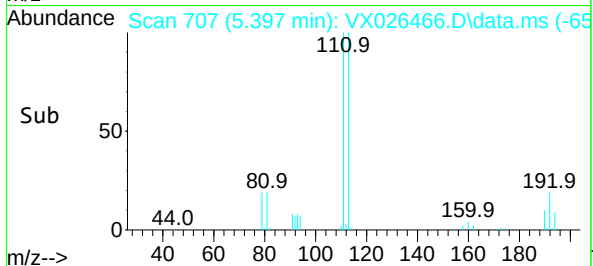
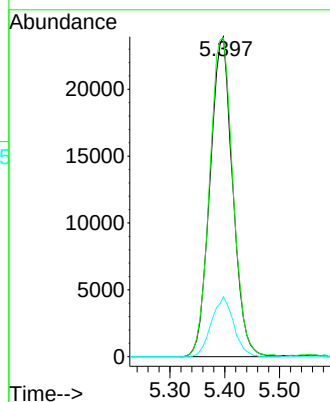
Tgt Ion:113 Resp: 68536

Ion Ratio Lower Upper

113 100

111 102.8 81.2 121.8

192 18.4 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.759 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026466.D

Acq: 14 Jan 2022 20:36

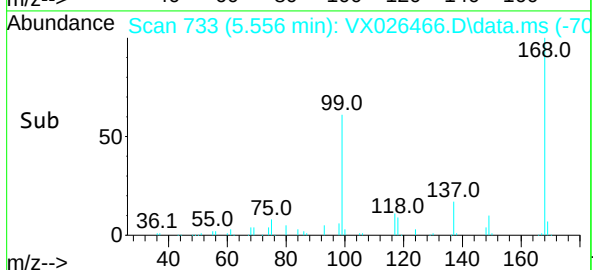
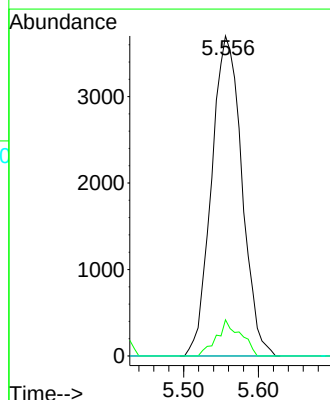
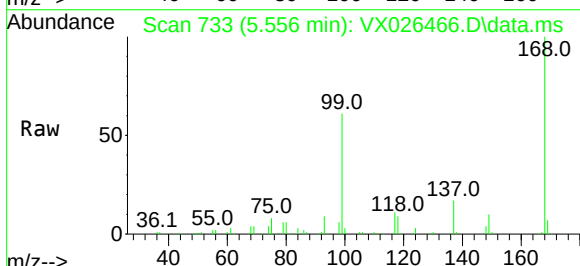
Tgt Ion: 75 Resp: 10461

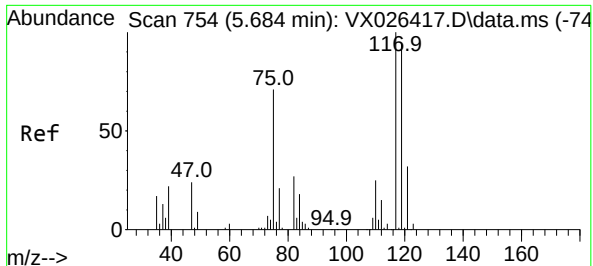
Ion Ratio Lower Upper

75 100

110 8.9 17.2 51.6#

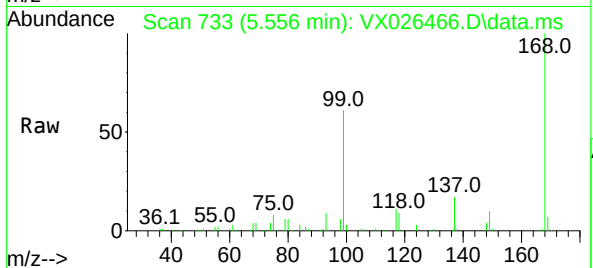
77 0.0 24.6 36.8#



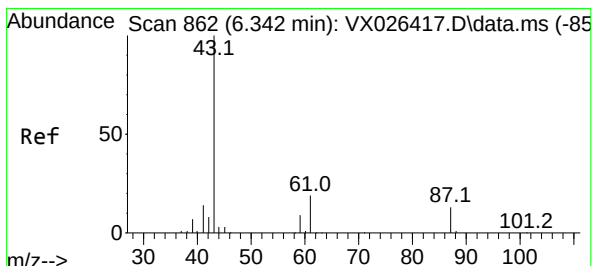
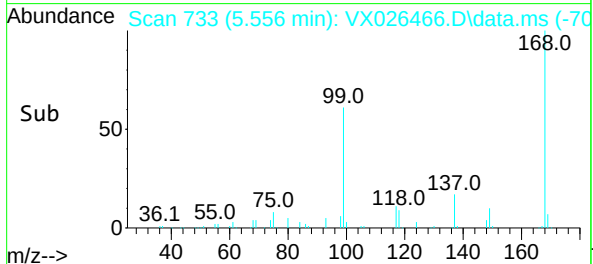
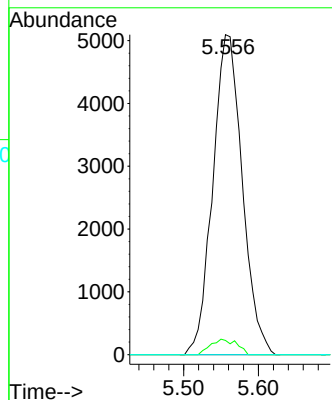


#38
Carbon Tetrachloride
Concen: 6.182 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026466.D
Acq: 14 Jan 2022 20:36

Instrument :
MSVOA_X
ClientSampleId :

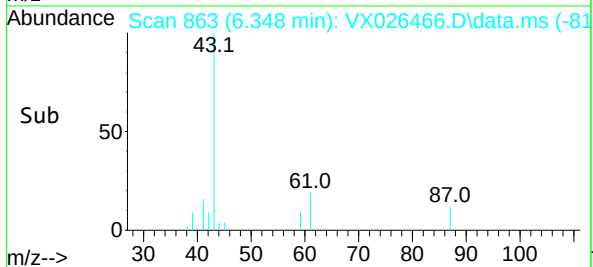
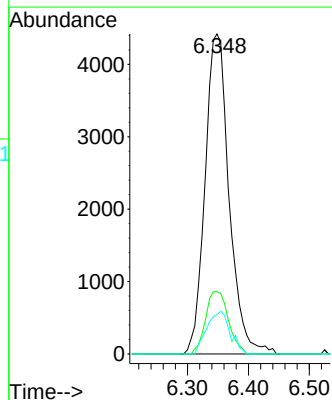
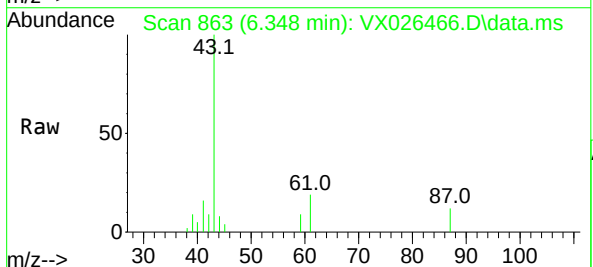


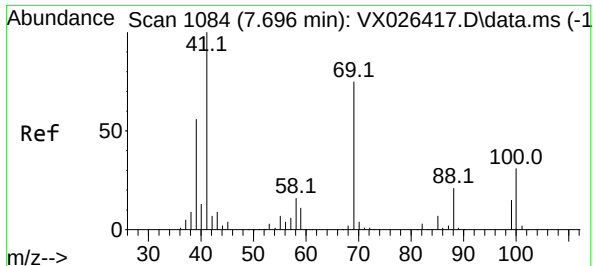
Tgt Ion:117 Resp: 13979
Ion Ratio Lower Upper
117 100
119 4.4 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.376 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX026466.D
Acq: 14 Jan 2022 20:36

Tgt Ion: 43 Resp: 12126
Ion Ratio Lower Upper
43 100
61 18.5 15.4 23.0
87 12.8 10.2 15.2





#48

Methyl methacrylate

Concen: 35.492 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX026466.D

Acq: 14 Jan 2022 20:36

Instrument :

MSVOA_X

ClientSampleId :

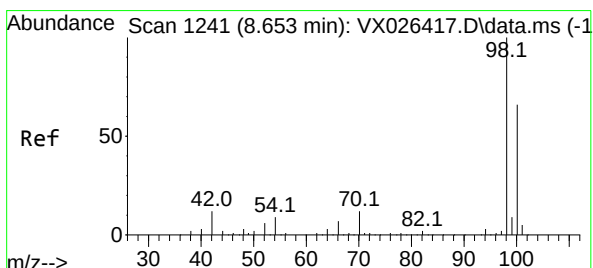
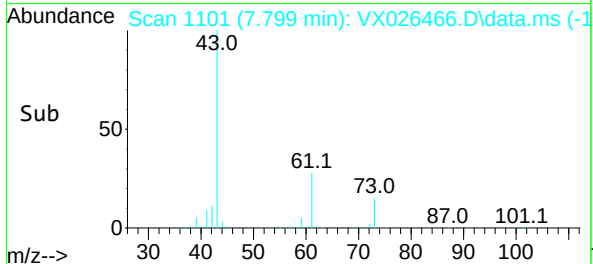
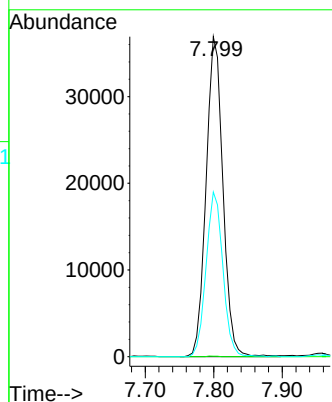
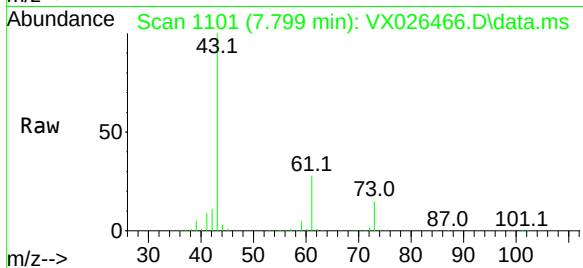
Tgt Ion: 41 Resp: 63178

Ion Ratio Lower Upper

41 100

69 0.1 62.2 93.4#

39 51.4 45.4 68.0



#50

Toluene-d8

Concen: 50.406 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026466.D

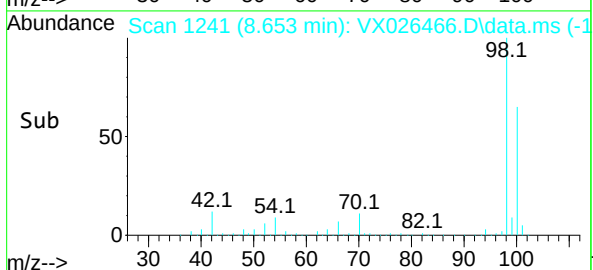
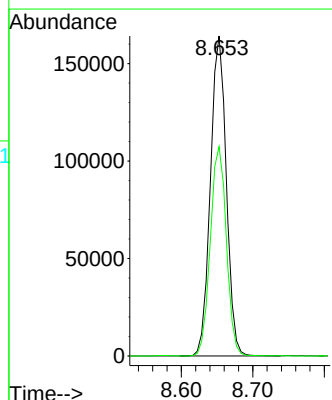
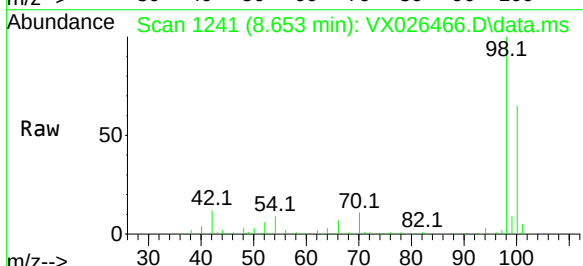
Acq: 14 Jan 2022 20:36

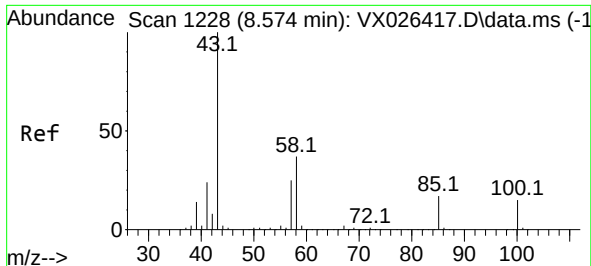
Tgt Ion: 98 Resp: 252923

Ion Ratio Lower Upper

98 100

100 66.1 53.2 79.8

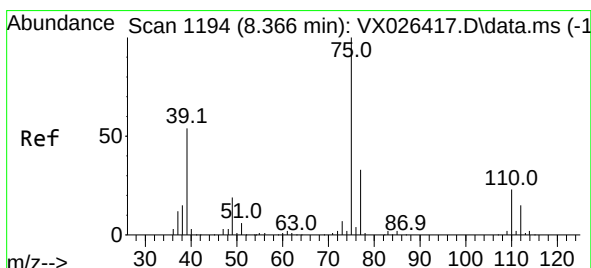
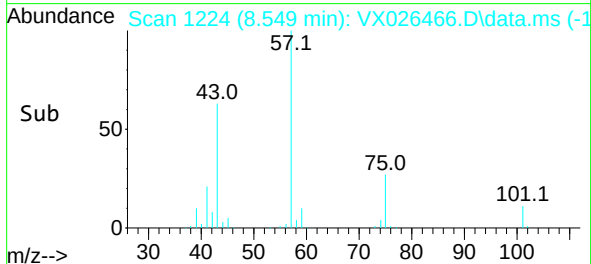
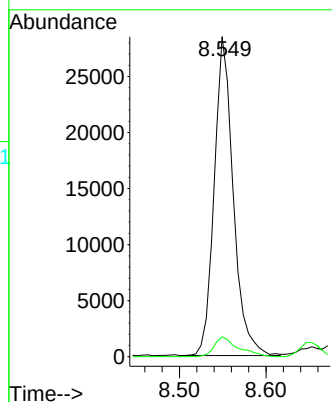
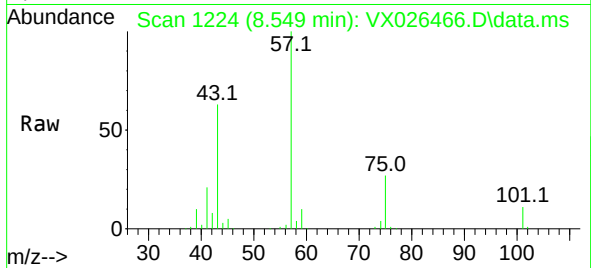




#51
4-Methyl-2-Pentanone
Concen: 20.407 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026466.D
Acq: 14 Jan 2022 20:36

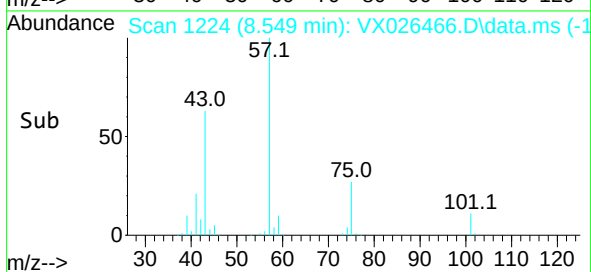
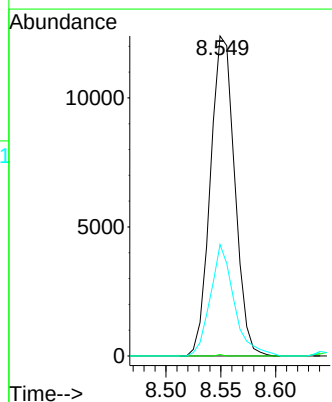
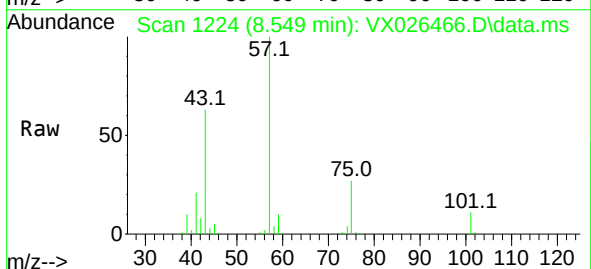
Instrument :
MSVOA_X
ClientSampleId :

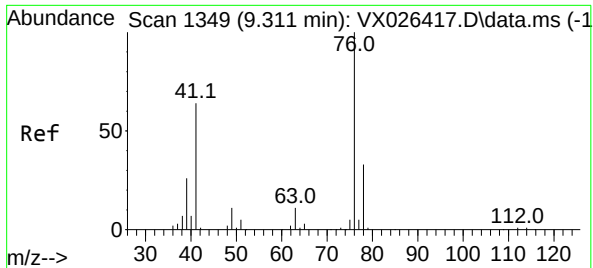
Tgt Ion: 43 Resp: 43477
Ion Ratio Lower Upper
43 100
58 7.8 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 8.241 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026466.D
Acq: 14 Jan 2022 20:36

Tgt Ion: 75 Resp: 19119
Ion Ratio Lower Upper
75 100
77 0.5 26.2 39.2#
39 34.8 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 4.592 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026466.D

Acq: 14 Jan 2022 20:36

Instrument :

MSVOA_X

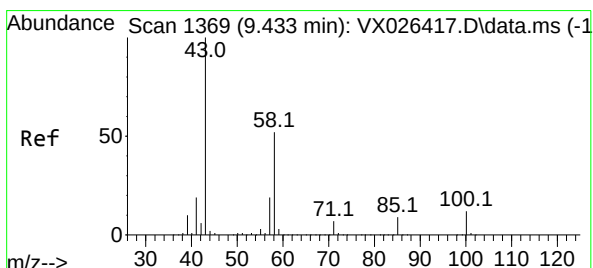
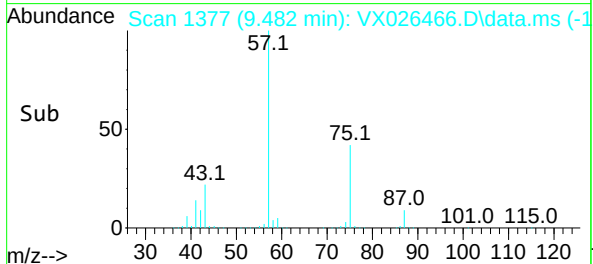
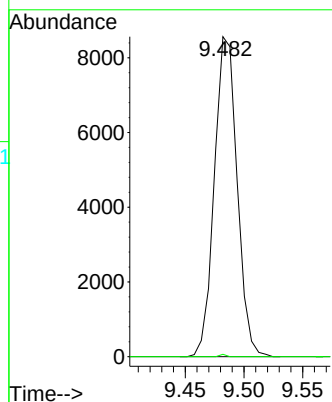
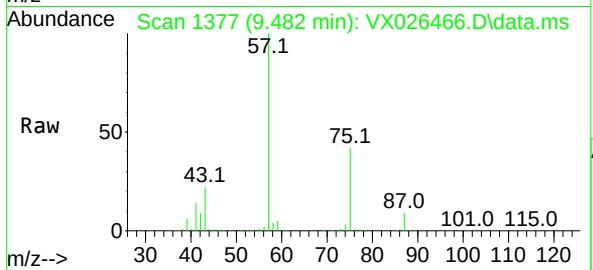
ClientSampleId :

Tgt Ion: 76 Resp: 11575

Ion Ratio Lower Upper

76 100

78 0.2 25.7 38.5#



#59

2-Hexanone

Concen: 103.034 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026466.D

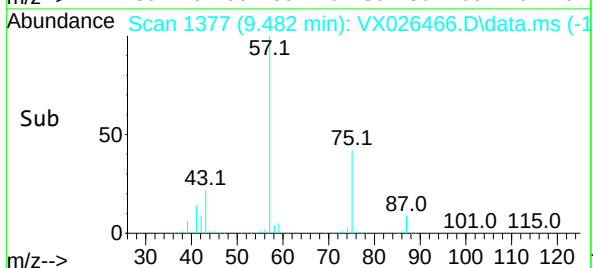
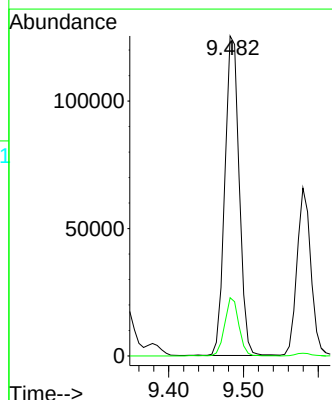
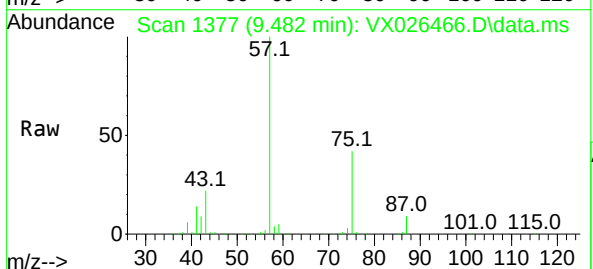
Acq: 14 Jan 2022 20:36

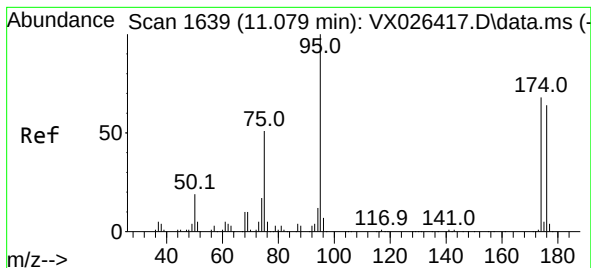
Tgt Ion: 43 Resp: 168009

Ion Ratio Lower Upper

43 100

58 17.9 26.4 79.2#

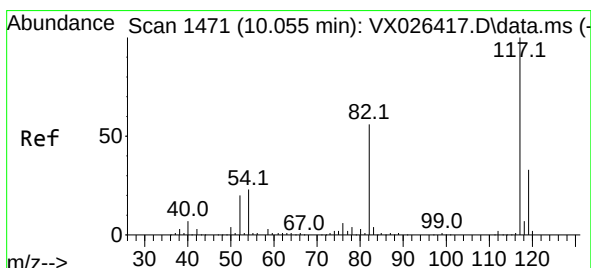
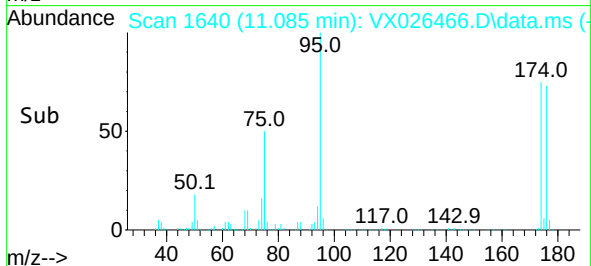
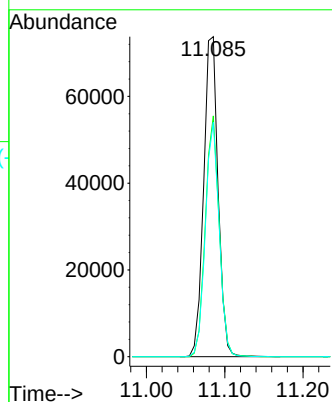
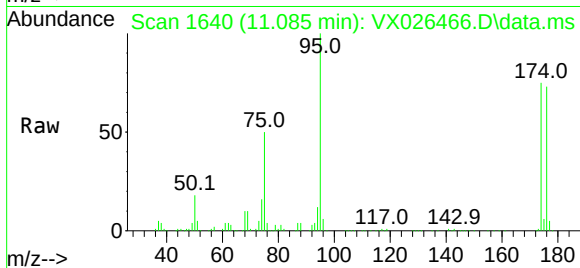




#62
4-Bromofluorobenzene
Concen: 52.959 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026466.D
Acq: 14 Jan 2022 20:36

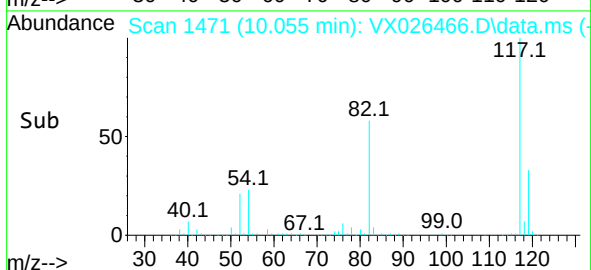
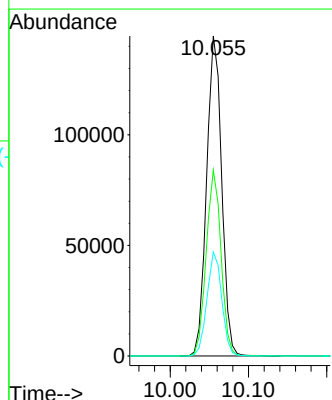
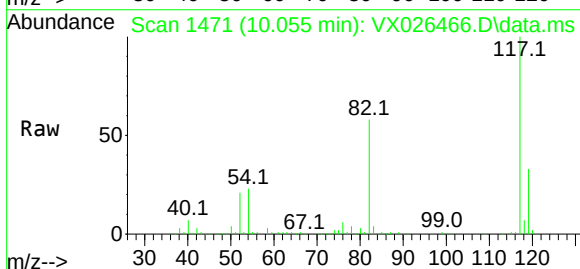
Instrument :
MSVOA_X
ClientSampleId :

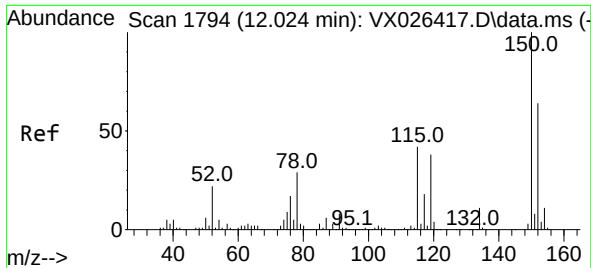
Tgt Ion: 95 Resp: 94399
Ion Ratio Lower Upper
95 100
174 71.9 0.0 148.6
176 70.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026466.D
Acq: 14 Jan 2022 20:36

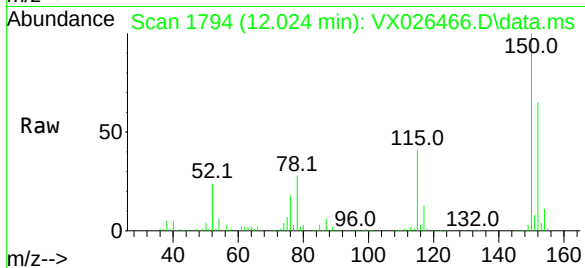
Tgt Ion: 117 Resp: 192992
Ion Ratio Lower Upper
117 100
82 58.1 45.2 67.8
119 32.5 26.2 39.2



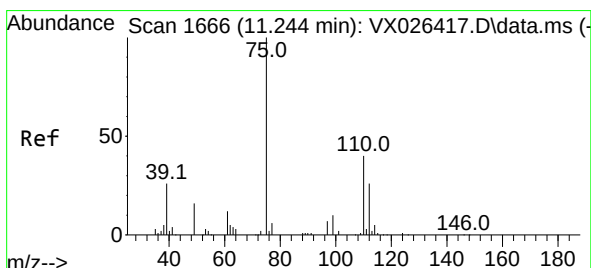
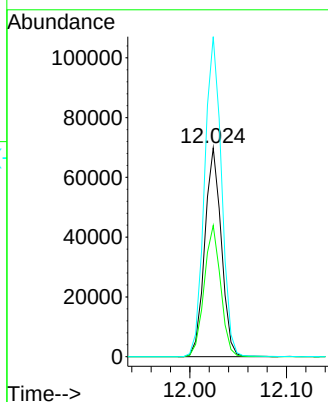
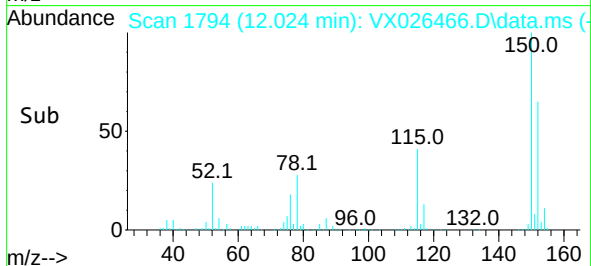


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026466.D
 Acq: 14 Jan 2022 20:36

Instrument :
 MSVOA_X
 ClientSampleId :

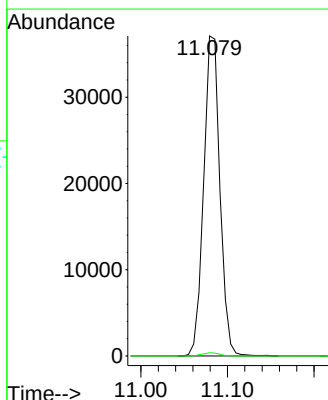
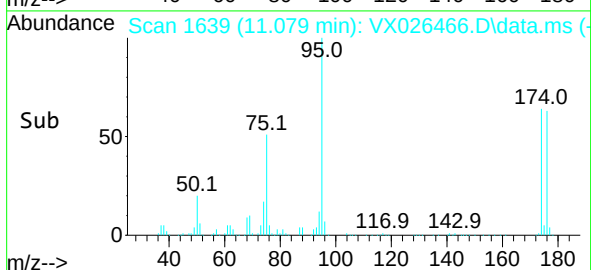
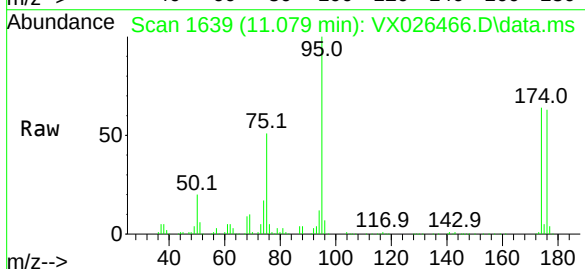


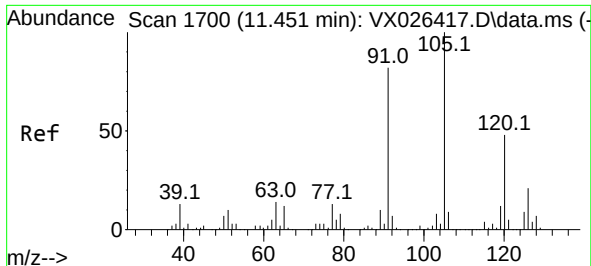
Tgt Ion:152 Resp: 83167
 Ion Ratio Lower Upper
 152 100
 115 62.5 44.2 132.6
 150 157.2 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 26.415 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026466.D
 Acq: 14 Jan 2022 20:36

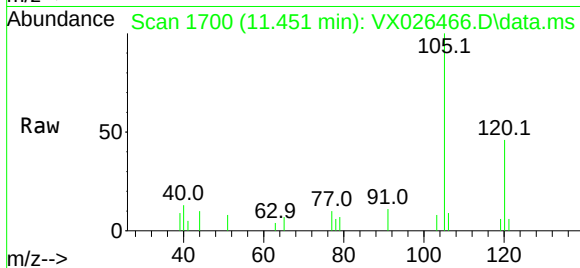
Tgt Ion: 75 Resp: 48370
 Ion Ratio Lower Upper
 75 100
 77 1.0 18.3 54.8#



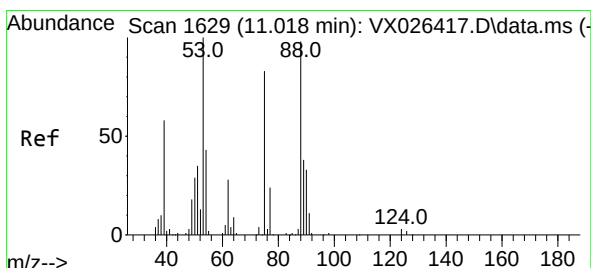
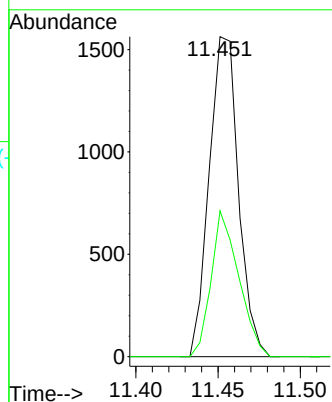
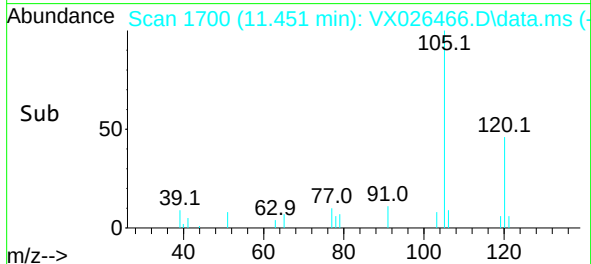


#80
1,3,5-Trimethylbenzene
Concen: 0.345 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026466.D
Acq: 14 Jan 2022 20:36

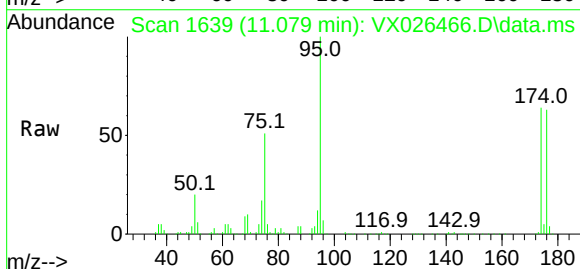
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:105 Resp: 1938
Ion Ratio Lower Upper
105 100
120 42.9 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 80.010 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026466.D
Acq: 14 Jan 2022 20:36



Tgt Ion: 75 Resp: 48370
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

