

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026193.D
 Acq On : 31 Dec 2021 01:41
 Operator : JC/MD
 Sample : PB141694ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 31 21:33:45 2021
 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)

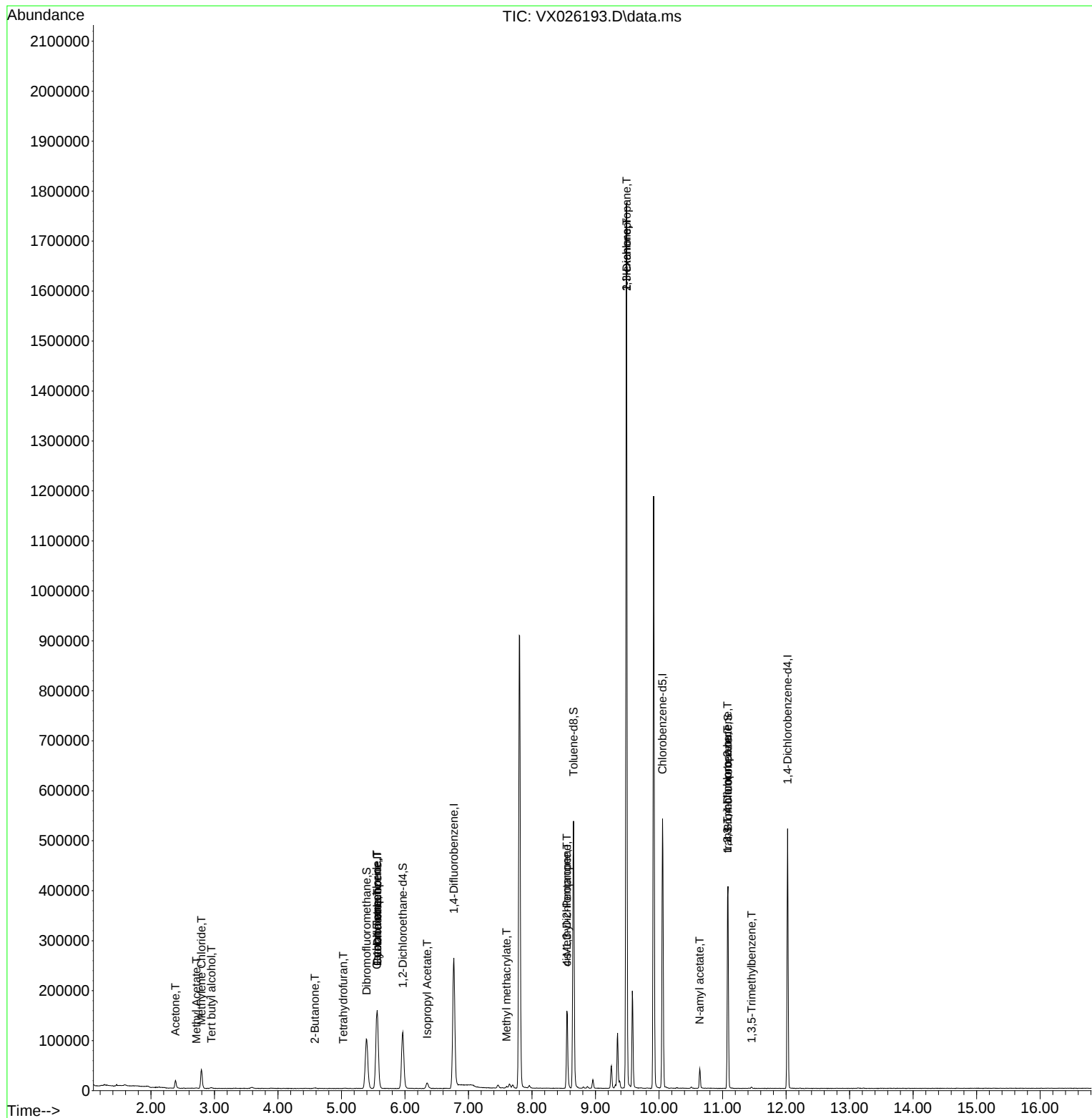
Internal Standards						
1) Pentafluorobenzene	5.562	168	139361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	241540	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107344	53.242	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.480%		
35) Dibromofluoromethane	5.397	113	83458	53.147	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.300%		
50) Toluene-d8	8.653	98	293601	50.265	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.540%		
62) 4-Bromofluorobenzene	11.085	95	101094	48.618	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 97.240%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.952	59	979	2.431	ug/l #	73
16) Acetone	2.385	43	17522	16.040	ug/l	91
18) Methyl Acetate	2.715	43	1407	0.397	ug/l #	84
20) Methylene Chloride	2.794	84	15652	8.170	ug/l	94
25) 2-Butanone	4.580	43	1455	0.956	ug/l	90
29) Tetrahydrofuran	5.025	42	398	0.415	ug/l #	41
31) Cyclohexane	5.562	56	3684	1.283	ug/l #	32
36) 1,1-Dichloropropene	5.562	75	12331	4.869	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15279	5.423	ug/l #	15
43) Isopropyl Acetate	6.348	43	15299	3.196	ug/l	95
48) Methyl methacrylate	7.598	41	4156	1.811	ug/l #	12
51) 4-Methyl-2-Pentanone	8.549	43	55083	18.493	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	22117	7.500	ug/l #	72
57) 1,3-Dichloropropane	9.488	76	13894	4.435	ug/l #	42
59) 2-Hexanone	9.488	43	216768	96.077	ug/l #	49
74) N-amyl acetate	10.640	43	10123	3.061	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	57349	25.642	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	1305	0.218	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	57349	74.181	ug/l #	10

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

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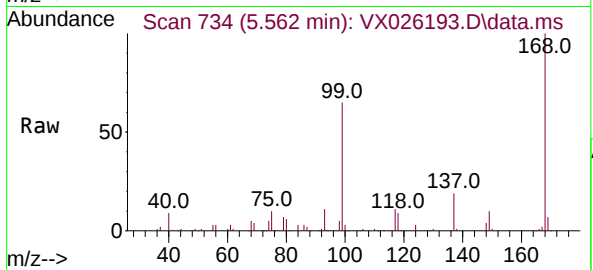
Quant Time: Dec 31 21:33:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
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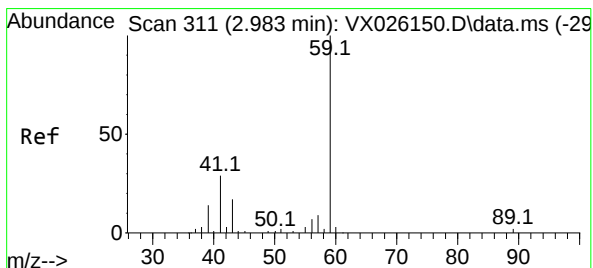
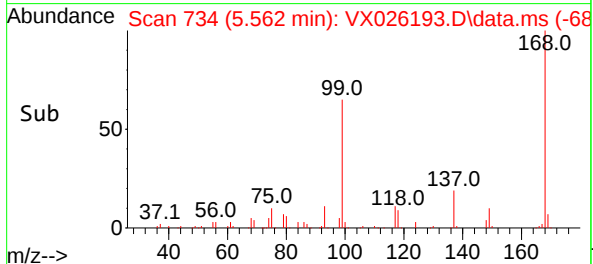
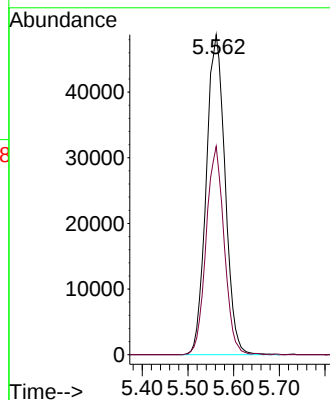


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026193.D
Acq: 31 Dec 2021 01:41

Instrument :
MSVOA_X
ClientSampleId :

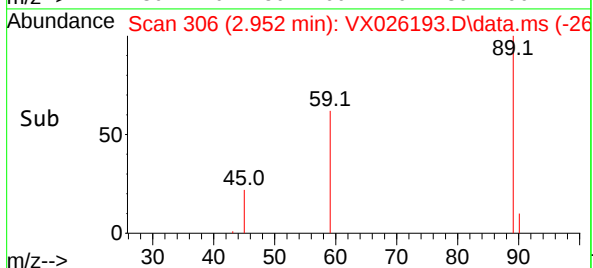
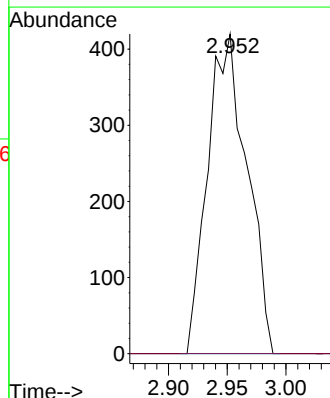
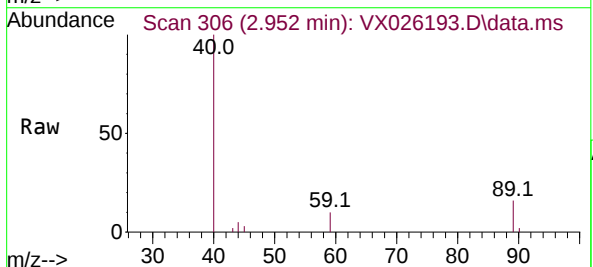


Tgt Ion:168 Resp: 139361
Ion Ratio Lower Upper
168 100
99 65.1 45.8 68.8



#11
Tert butyl alcohol
Concen: 2.431 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX026193.D
Acq: 31 Dec 2021 01:41

Tgt Ion: 59 Resp: 979
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

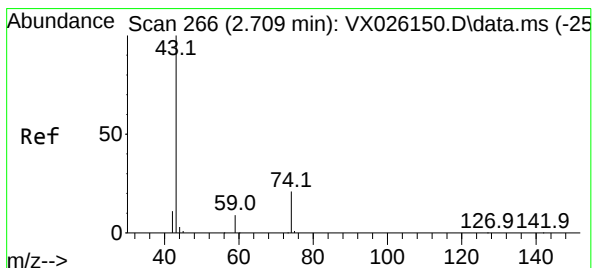
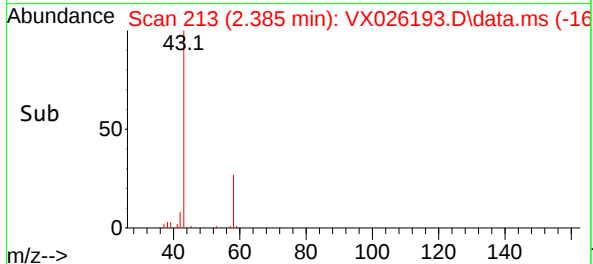
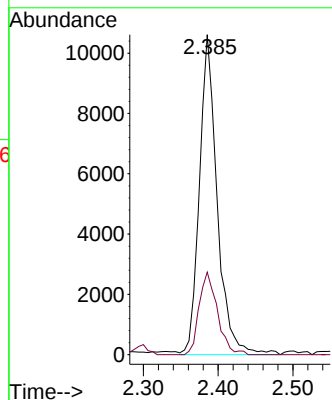
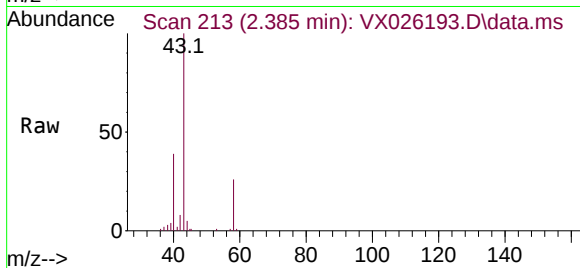




#16
Acetone
Concen: 16.040 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX026193.D
Acq: 31 Dec 2021 01:41

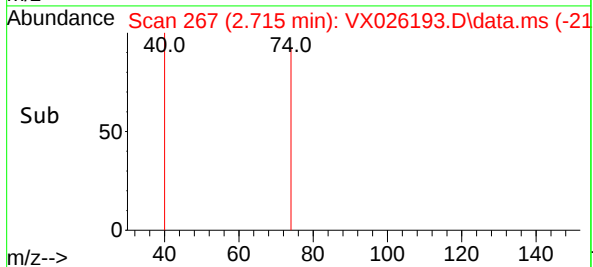
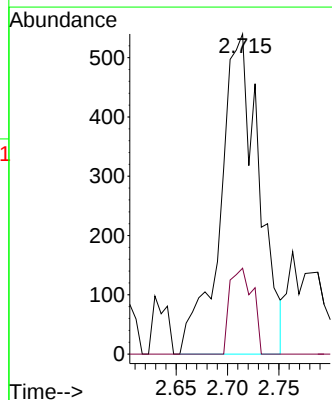
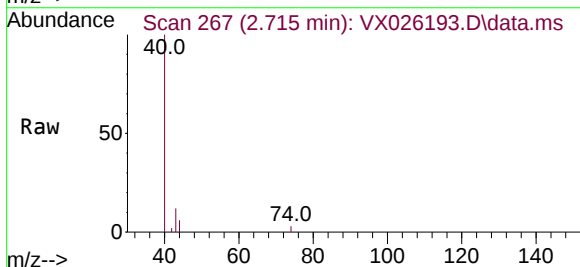
Instrument :
MSVOA_X
ClientSampleId :

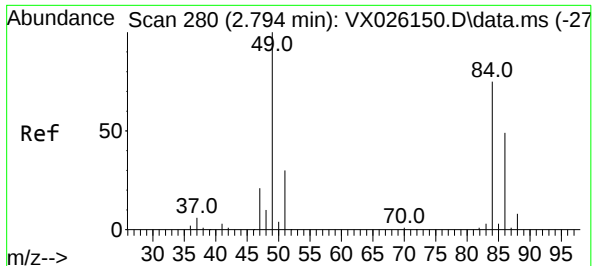
Tgt Ion: 43 Resp: 17522
Ion Ratio Lower Upper
43 100
58 25.8 24.8 37.2



#18
Methyl Acetate
Concen: 0.397 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX026193.D
Acq: 31 Dec 2021 01:41

Tgt Ion: 43 Resp: 1407
Ion Ratio Lower Upper
43 100
74 16.0 19.1 28.7#





#20

Methylene Chloride

Concen: 8.170 ug/l

RT: 2.794 min Scan# 21

Delta R.T. -0.000 min

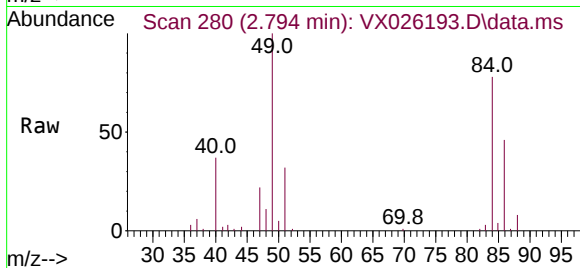
Lab File: VX026193.D

Acq: 31 Dec 2021 01:41

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 15652

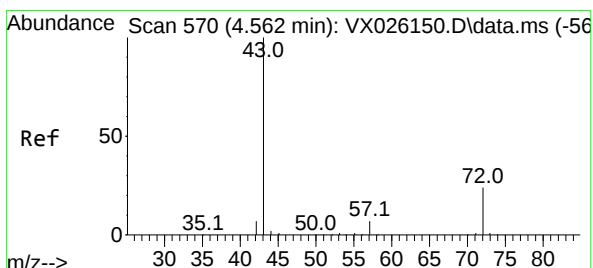
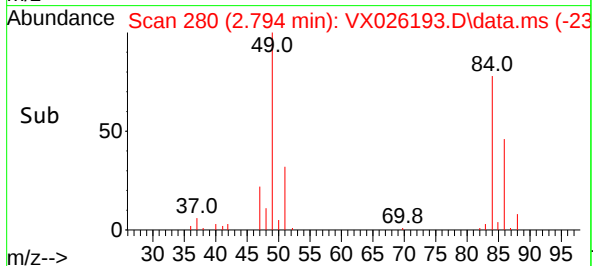
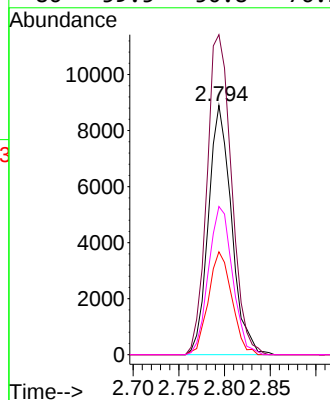
Ion Ratio Lower Upper

84 100

49 128.4 97.1 145.7

51 41.3 29.3 43.9

86 59.5 50.8 76.2



#25

2-Butanone

Concen: 0.956 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.018 min

Lab File: VX026193.D

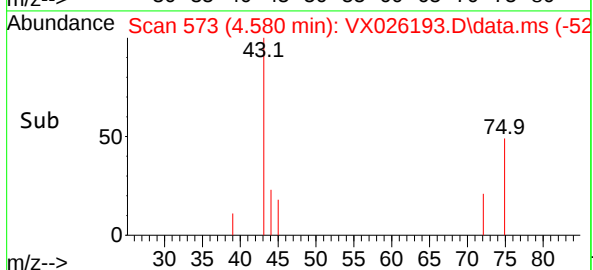
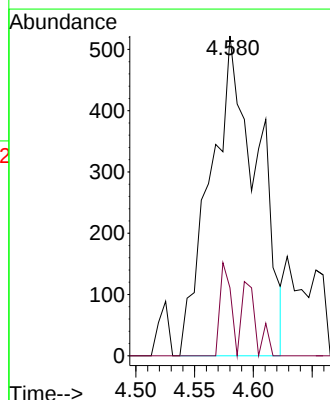
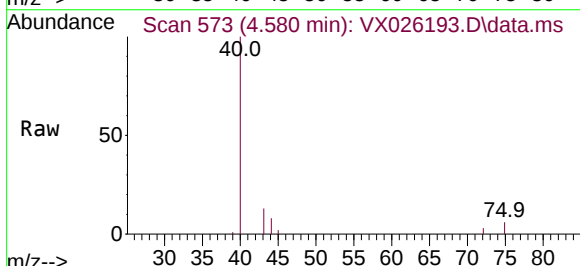
Acq: 31 Dec 2021 01:41

Tgt Ion: 43 Resp: 1455

Ion Ratio Lower Upper

43 100

72 21.3 21.0 31.4





#29

Tetrahydrofuran

Concen: 0.415 ug/l

RT: 5.025 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX026193.D

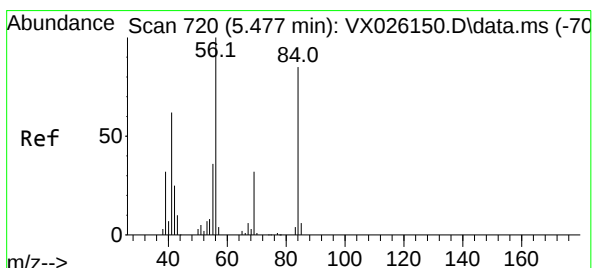
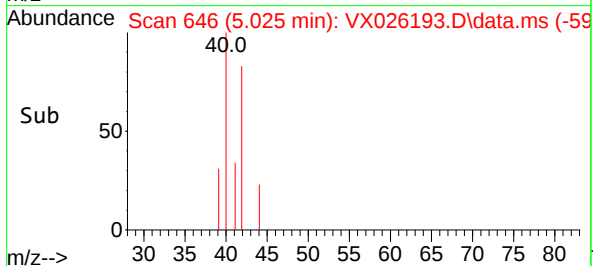
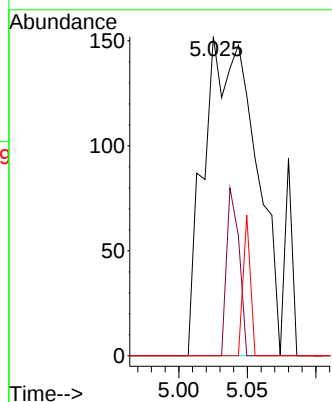
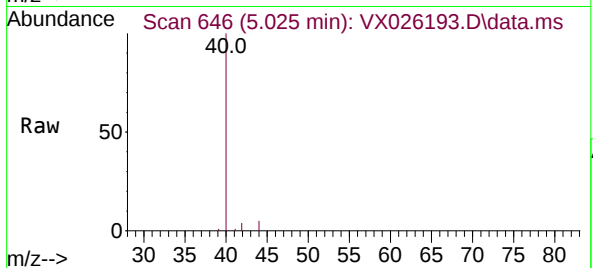
Acq: 31 Dec 2021 01:41

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	398
Ion	Ratio	Lower	Upper
42	100		
72	12.6	37.0	55.6#
71	0.0	34.1	51.1#



#31

Cyclohexane

Concen: 1.283 ug/l

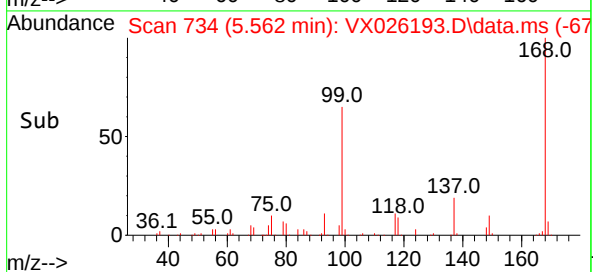
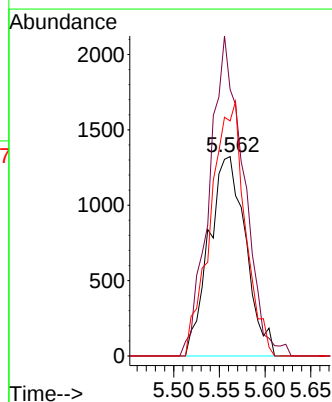
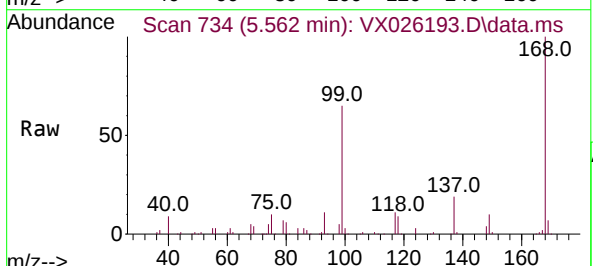
RT: 5.562 min Scan# 734

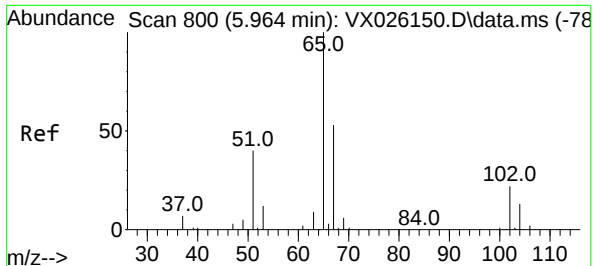
Delta R.T. 0.085 min

Lab File: VX026193.D

Acq: 31 Dec 2021 01:41

Tgt Ion:	56	Resp:	3684
Ion	Ratio	Lower	Upper
56	100		
69	133.6	23.9	35.9#
84	117.8	73.2	109.8#

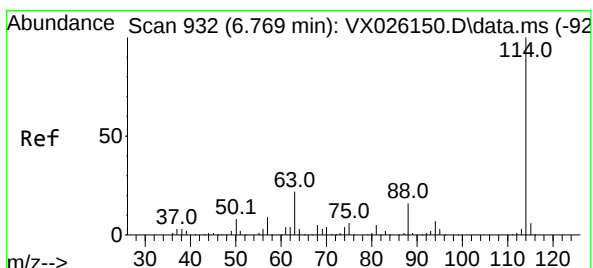
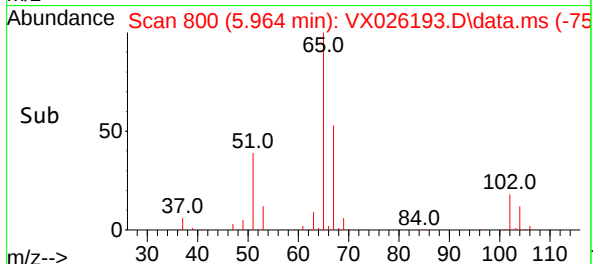
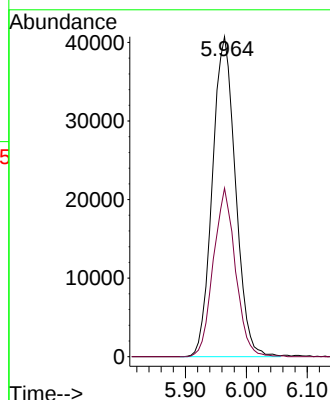
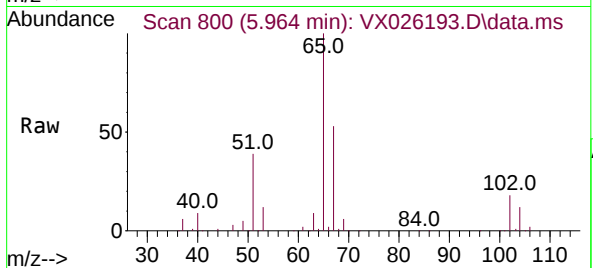




#33
 1,2-Dichloroethane-d4
 Concen: 53.242 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX026193.D
 Acq: 31 Dec 2021 01:41

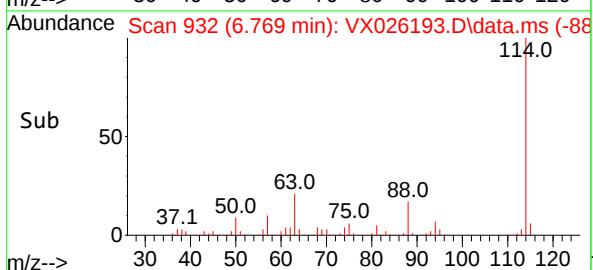
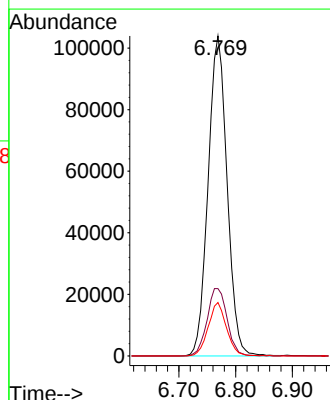
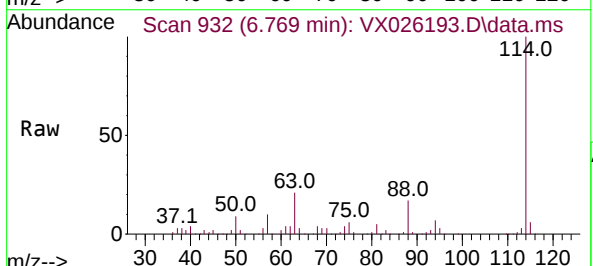
Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 65 Resp: 107344
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX026193.D
 Acq: 31 Dec 2021 01:41

Tgt Ion: 114 Resp: 241540
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.0
 88 16.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.147 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX026193.D

Acq: 31 Dec 2021 01:41

Instrument :

MSVOA_X

ClientSampleId :

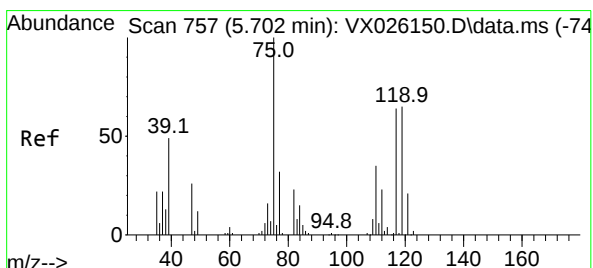
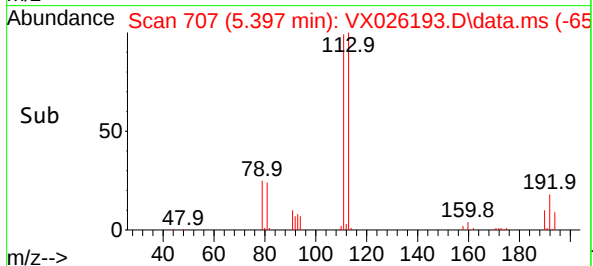
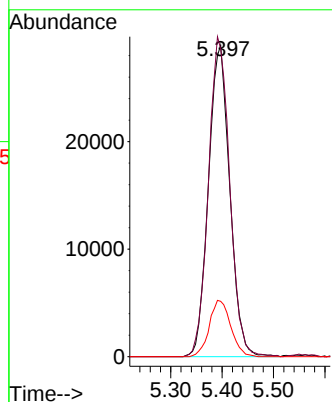
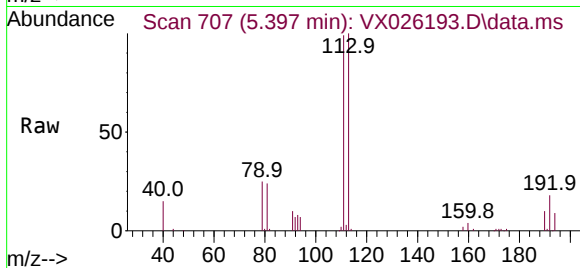
Tgt Ion:113 Resp: 83458

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

192 18.2 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.869 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX026193.D

Acq: 31 Dec 2021 01:41

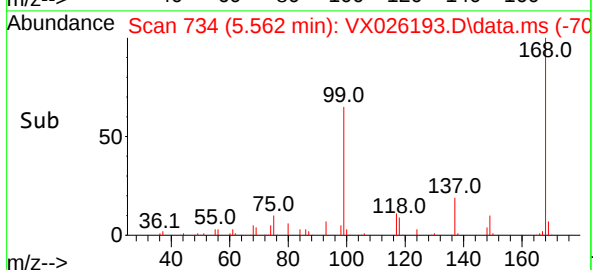
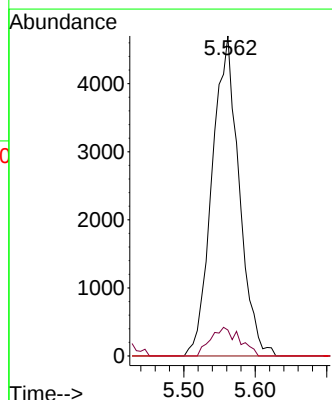
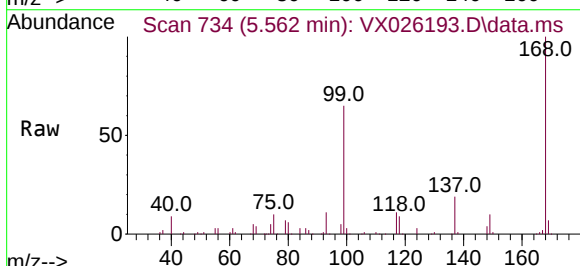
Tgt Ion: 75 Resp: 12331

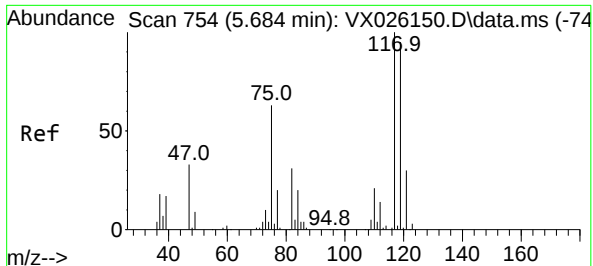
Ion Ratio Lower Upper

75 100

110 9.6 18.2 54.6#

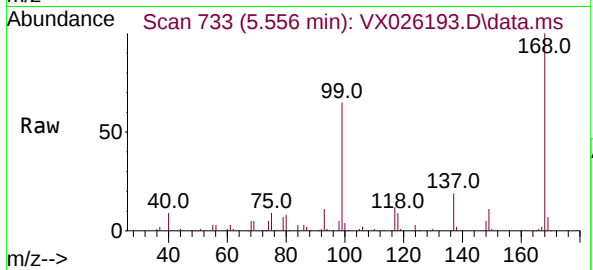
77 0.0 24.7 37.1#



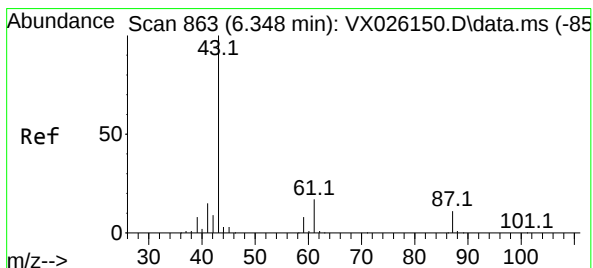
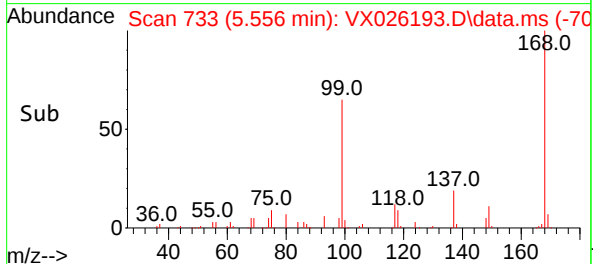
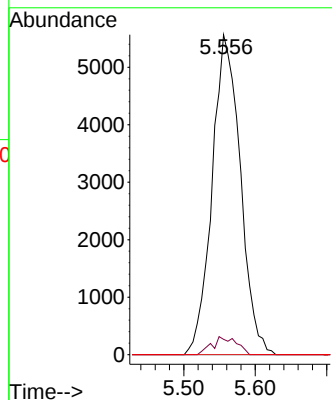


#38
Carbon Tetrachloride
Concen: 5.423 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026193.D
Acq: 31 Dec 2021 01:41

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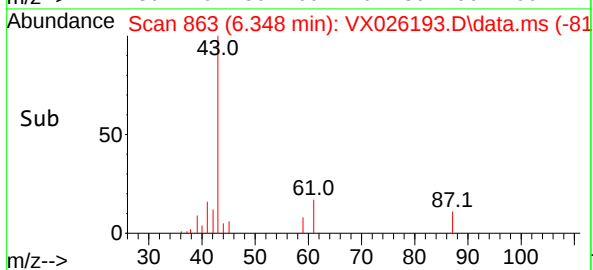
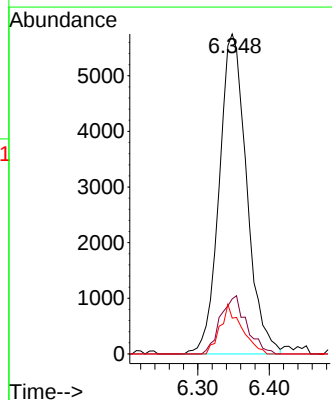
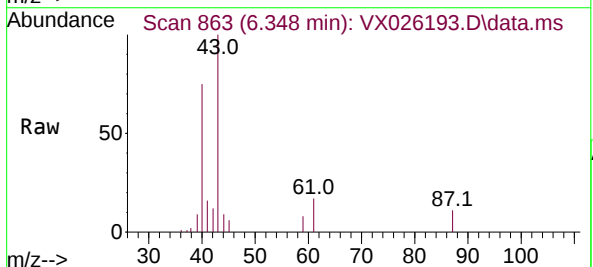


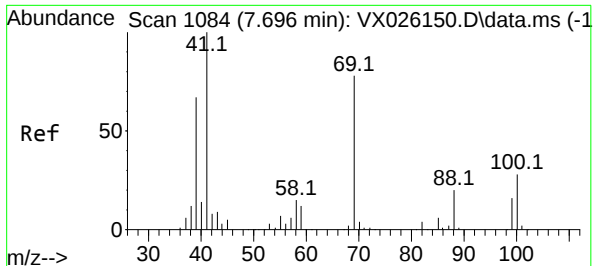
Tgt Ion:117 Resp: 15279
Ion Ratio Lower Upper
117 100
119 4.8 77.2 115.8#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 3.196 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX026193.D
Acq: 31 Dec 2021 01:41

Tgt Ion: 43 Resp: 15299
Ion Ratio Lower Upper
43 100
61 17.4 15.7 23.5
87 12.1 11.2 16.8





#48

Methyl methacrylate

Concen: 1.811 ug/l

RT: 7.598 min Scan# 1068

Delta R.T. -0.098 min

Lab File: VX026193.D

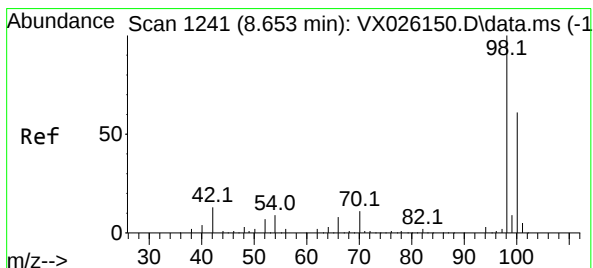
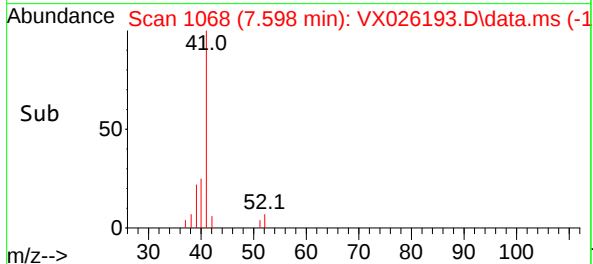
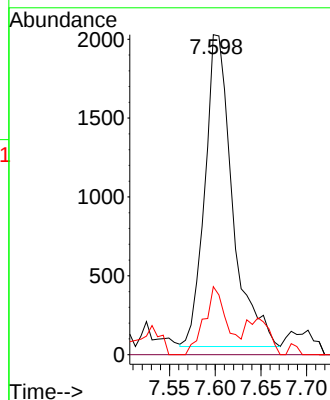
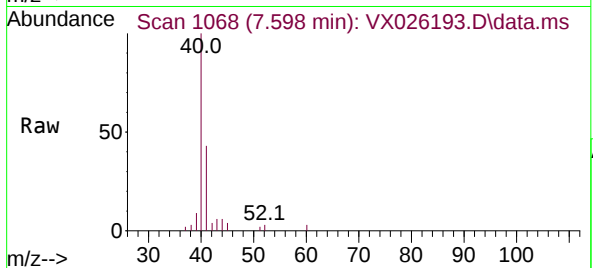
Acq: 31 Dec 2021 01:41

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	41	Resp:	4156
Ion	Ratio	Lower	Upper
41	100		
69	0.0	67.3	100.9#
39	0.0	50.2	75.2#



#50

Toluene-d8

Concen: 50.265 ug/l

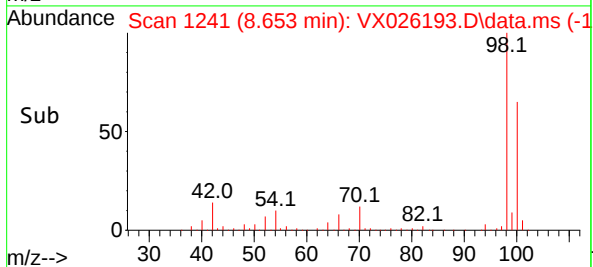
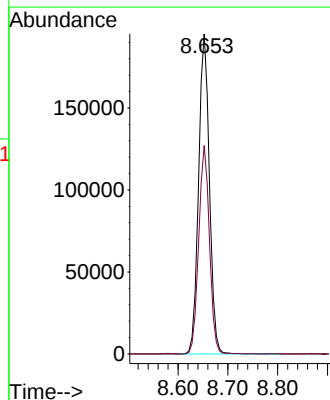
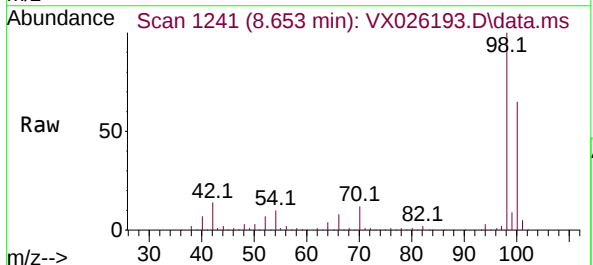
RT: 8.653 min Scan# 1241

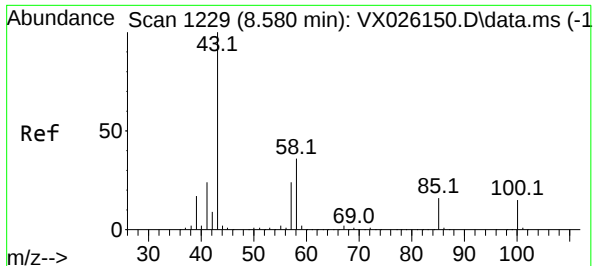
Delta R.T. -0.000 min

Lab File: VX026193.D

Acq: 31 Dec 2021 01:41

Tgt Ion:	98	Resp:	293601
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 18.493 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.031 min

Lab File: VX026193.D

Acq: 31 Dec 2021 01:41

Instrument :

MSVOA_X

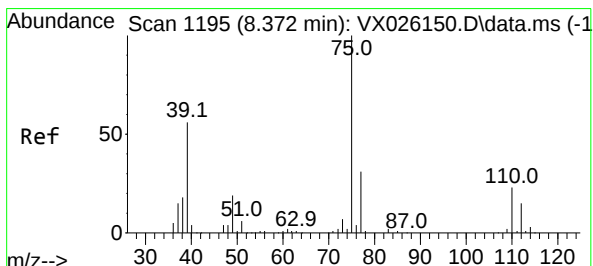
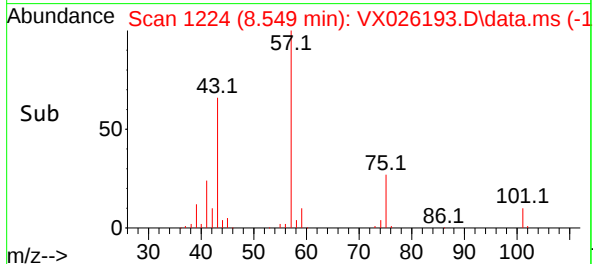
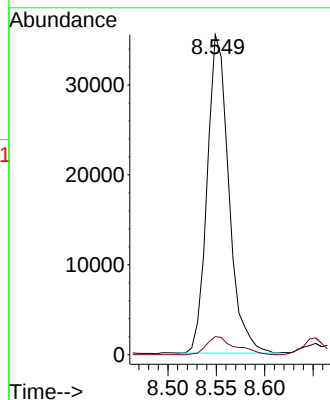
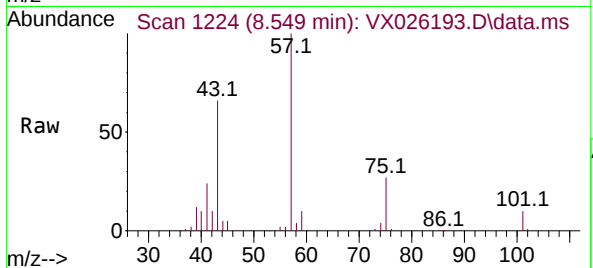
ClientSampleId :

Tgt Ion: 43 Resp: 55083

Ion Ratio Lower Upper

43 100

58 7.5 30.8 46.2#



#54

cis-1,3-Dichloropropene

Concen: 7.500 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.177 min

Lab File: VX026193.D

Acq: 31 Dec 2021 01:41

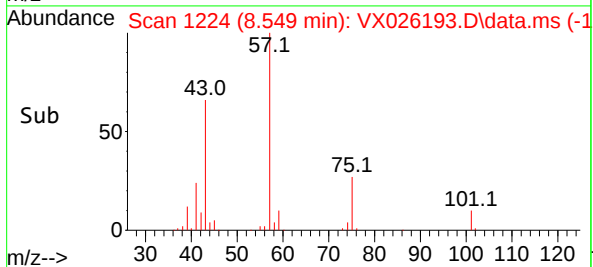
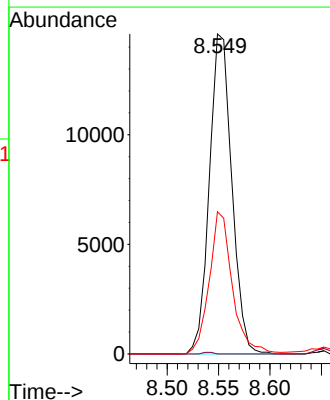
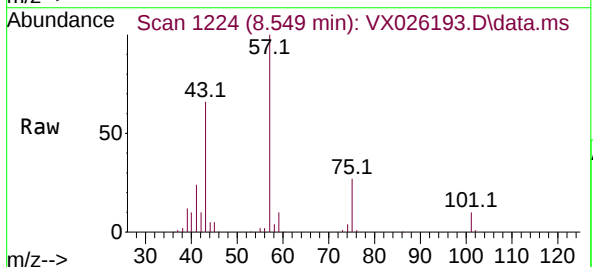
Tgt Ion: 75 Resp: 22117

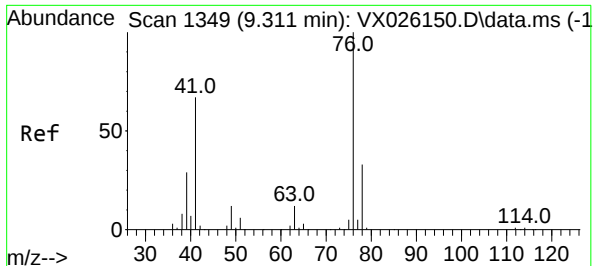
Ion Ratio Lower Upper

75 100

77 0.0 25.3 37.9#

39 44.4 41.4 62.0





#57

1,3-Dichloropropane

Concen: 4.435 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.177 min

Lab File: VX026193.D

Acq: 31 Dec 2021 01:41

Instrument :

MSVOA_X

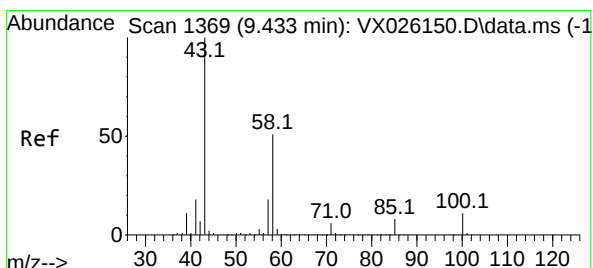
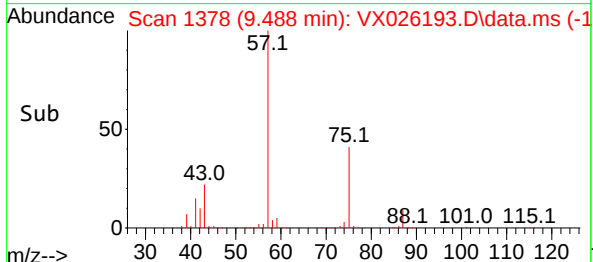
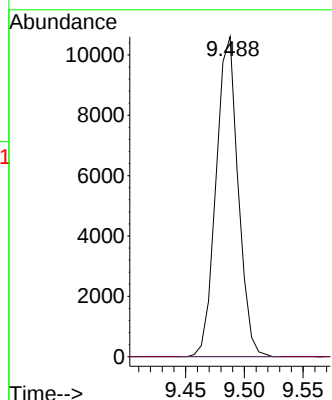
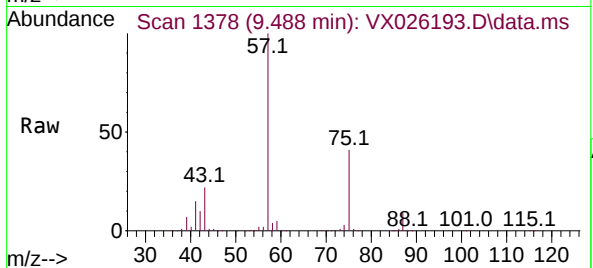
ClientSampleId :

Tgt Ion: 76 Resp: 13894

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#



#59

2-Hexanone

Concen: 96.077 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX026193.D

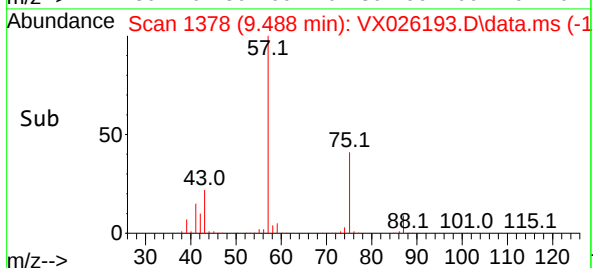
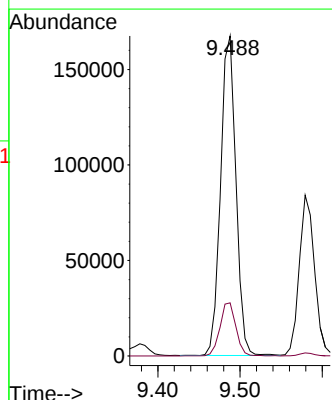
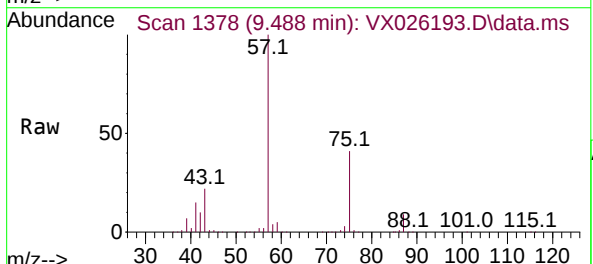
Acq: 31 Dec 2021 01:41

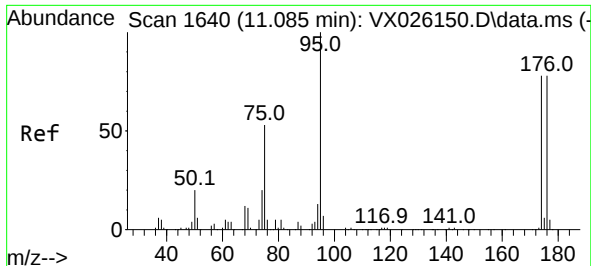
Tgt Ion: 43 Resp: 216768

Ion Ratio Lower Upper

43 100

58 17.4 26.9 80.6#

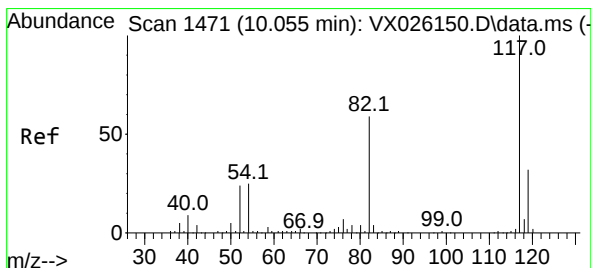
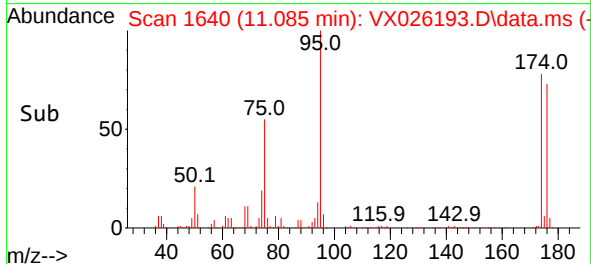
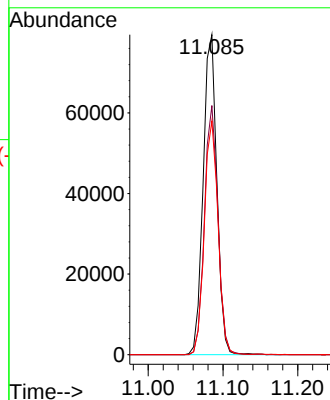
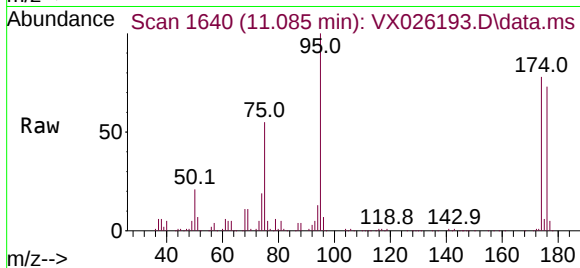




#62
4-Bromofluorobenzene
Concen: 48.618 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026193.D
Acq: 31 Dec 2021 01:41

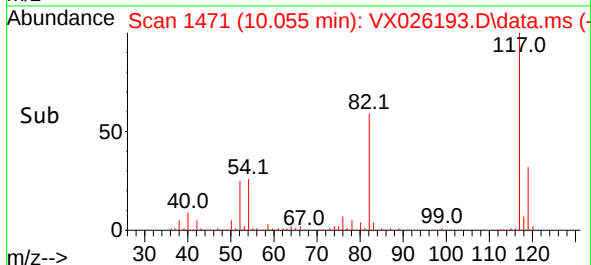
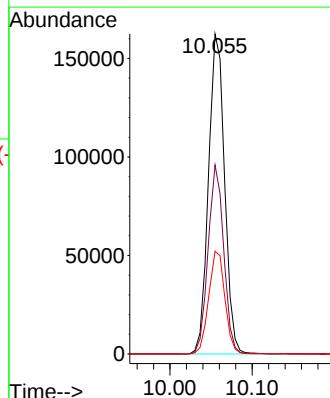
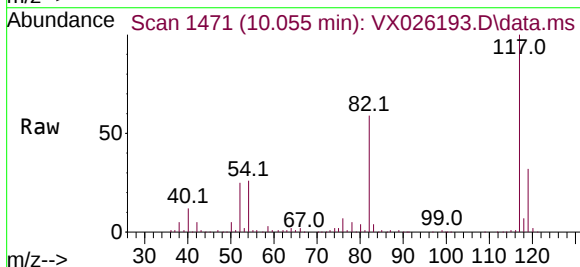
Instrument :
MSVOA_X
ClientSampleId :

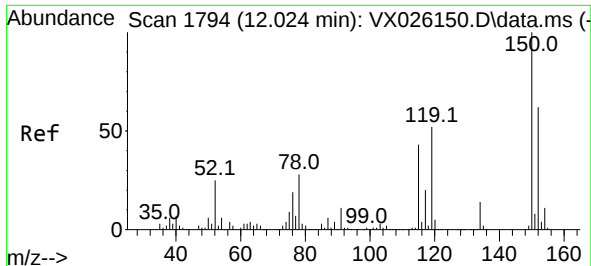
Tgt Ion: 95 Resp: 101094
Ion Ratio Lower Upper
95 100
174 76.8 0.0 157.4
176 73.2 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026193.D
Acq: 31 Dec 2021 01:41

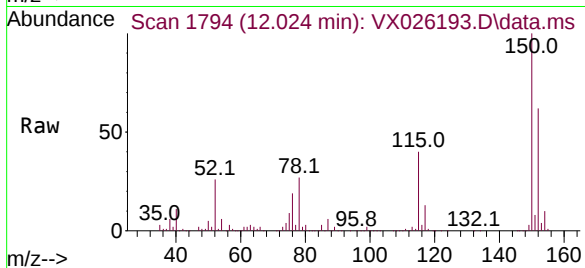
Tgt Ion: 117 Resp: 220959
Ion Ratio Lower Upper
117 100
82 59.1 43.8 65.6
119 32.1 25.2 37.8



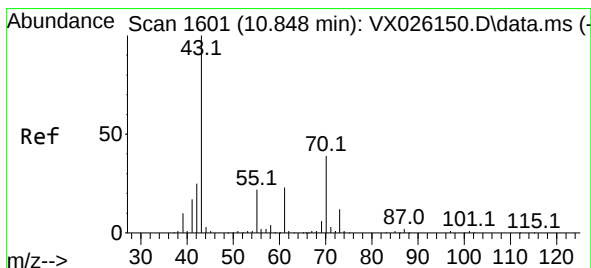
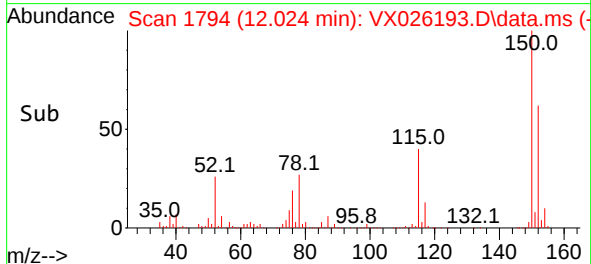
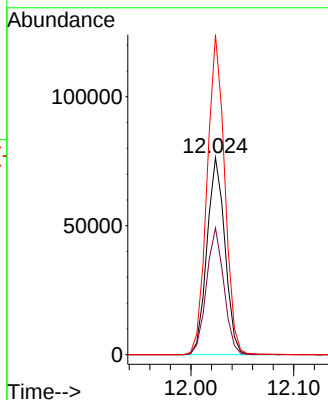


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026193.D
Acq: 31 Dec 2021 01:41

Instrument :
MSVOA_X
ClientSampleId :

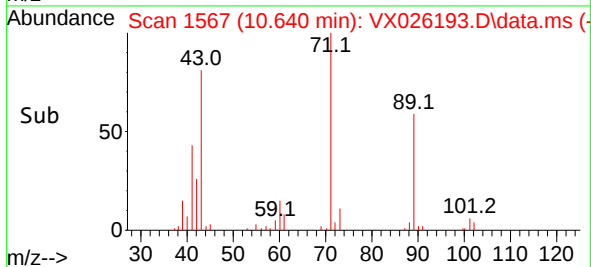
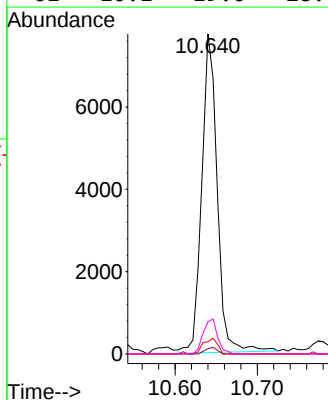
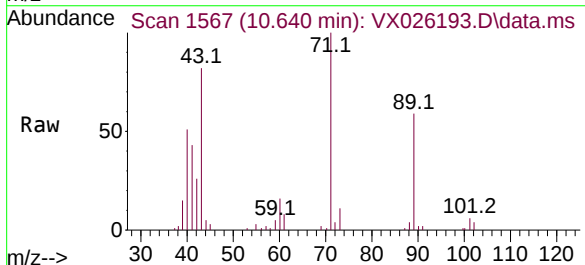


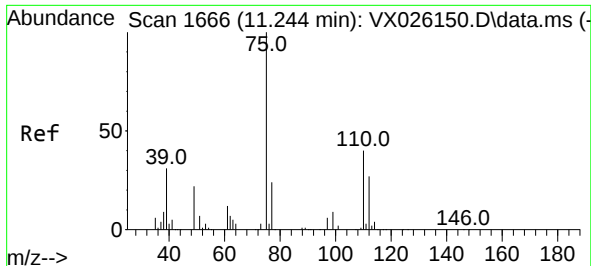
Tgt Ion:152 Resp: 92659
Ion Ratio Lower Upper
152 100
115 62.5 41.3 123.9
150 159.2 0.0 351.8



#74
N-ethyl acetate
Concen: 3.061 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.208 min
Lab File: VX026193.D
Acq: 31 Dec 2021 01:41

Tgt Ion: 43 Resp: 10123
Ion Ratio Lower Upper
43 100
70 1.6 34.1 51.1#
55 4.4 19.2 28.8#
61 10.1 19.0 28.4#

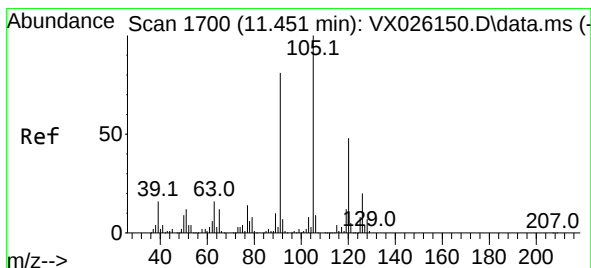
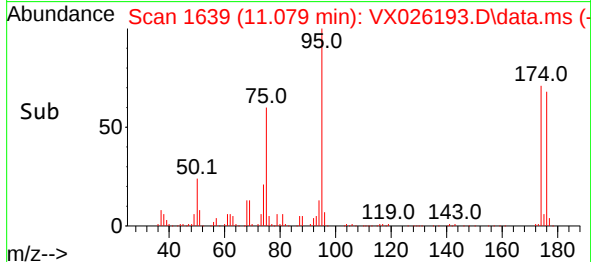
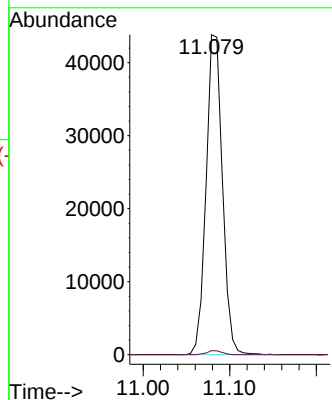
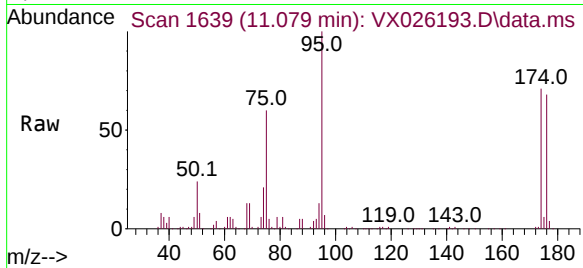




#76
1,2,3-Trichloropropane
Concen: 25.642 ug/l
RT: 11.079 min Scan# 110
Delta R.T. -0.165 min
Lab File: VX026193.D
Acq: 31 Dec 2021 01:41

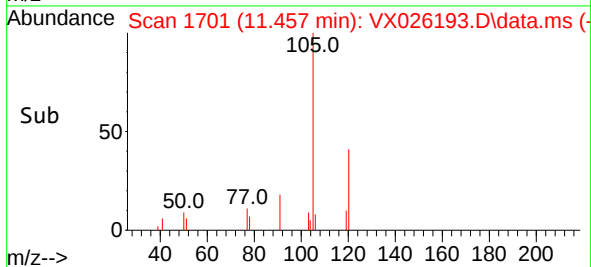
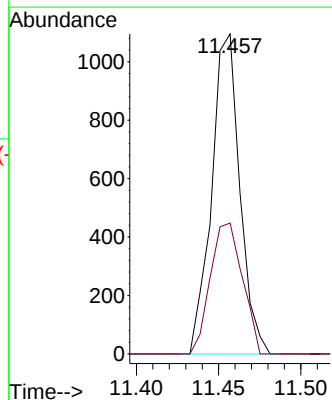
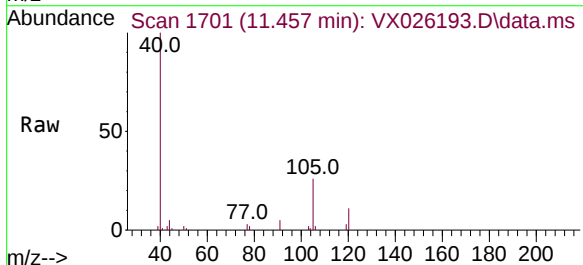
Instrument :
MSVOA_X
ClientSampleId :

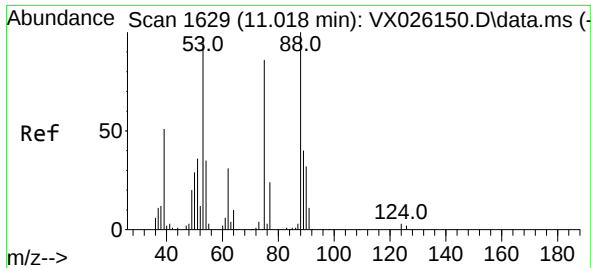
Tgt Ion: 75 Resp: 57349
Ion Ratio Lower Upper
75 100
77 1.2 19.0 57.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.218 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX026193.D
Acq: 31 Dec 2021 01:41

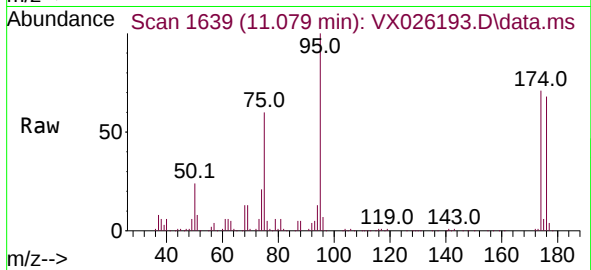
Tgt Ion: 105 Resp: 1305
Ion Ratio Lower Upper
105 100
120 46.6 24.9 74.7





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.181 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026193.D
 Acq: 31 Dec 2021 01:41

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 57349
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.1 38.3 57.5#

