

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
 Data File : VX020081.D
 Acq On : 16 Dec 2020 21:23
 Operator : JC/MD
 Sample : L5085-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-571-121120

Quant Time: Dec 17 00:33:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	290071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	479547	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	438514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	172294	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	186451	48.91	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.82%	
35) Dibromofluoromethane		5.46	113	151012	48.73	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.46%	
50) Toluene-d8		8.70	98	575189	48.61	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.22%	
62) 4-Bromofluorobenzene		11.12	95	196408	43.61	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.22%	

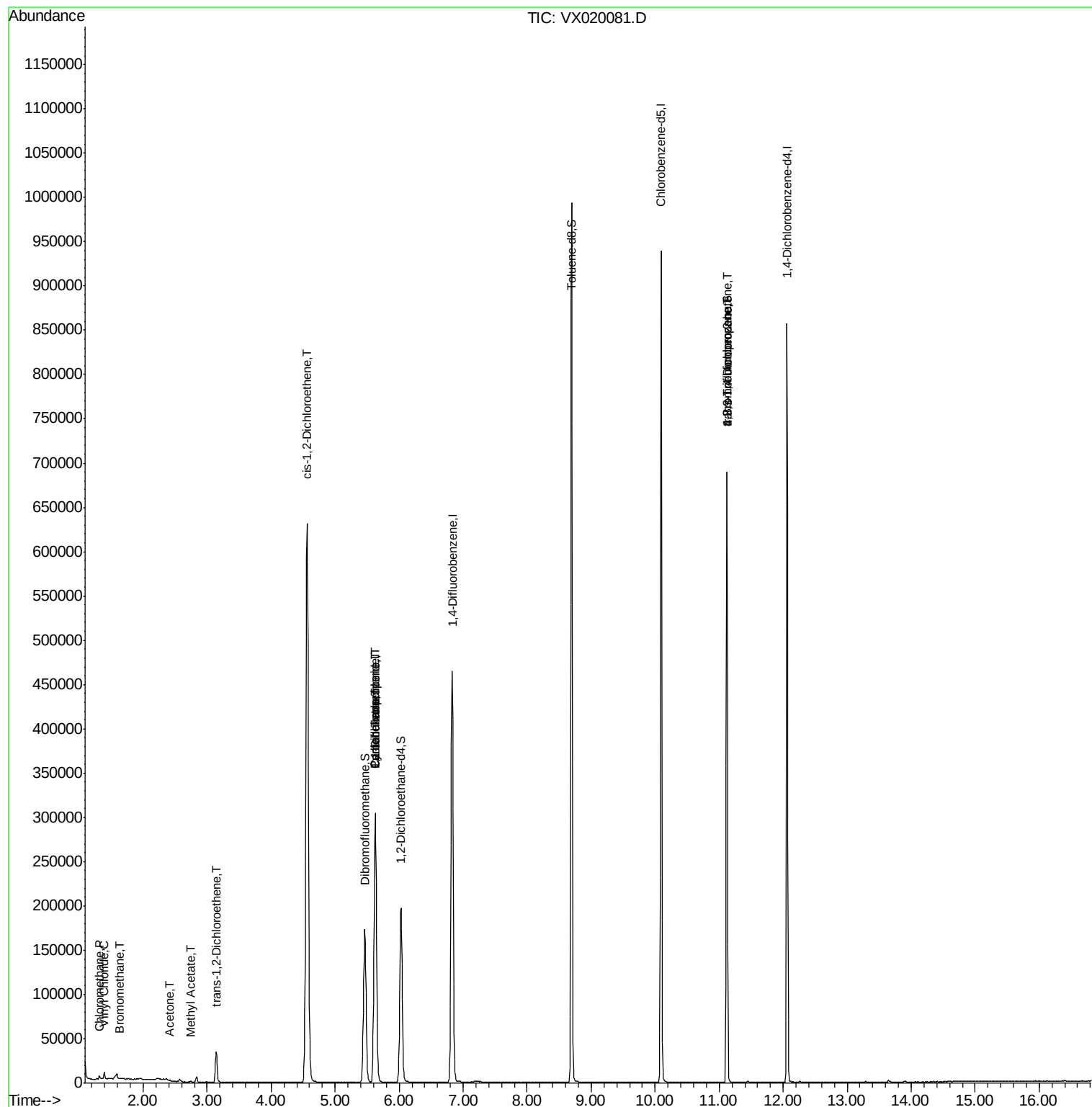
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1773	0.568	ug/l	92
4) Vinyl Chloride	1.39	62	4490	1.363	ug/l	97
5) Bromomethane	1.63	94	592	0.541	ug/l #	50
11) Tert butyl alcohol	3.00	59	333	Below Cal	#	73
16) Acetone	2.42	43	1277	0.891	ug/l	98
18) Methyl Acetate	2.75	43	908	0.259	ug/l #	66
20) Methylene Chloride	2.84	84	2616	Below Cal		95
21) trans-1,2-Dichloroethene	3.14	96	14604	4.713	ug/l	96
27) cis-1,2-Dichloroethene	4.56	96	411874	113.589	ug/l	90
31) Cyclohexane	5.62	56	5722	1.207	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	22504	5.193	ug/l #	49
38) Carbon Tetrachloride	5.63	117	28704	6.764	ug/l #	17
76) 1,2,3-Trichloropropane	11.12	75	94801	24.533	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	94801	70.920	ug/l #	12

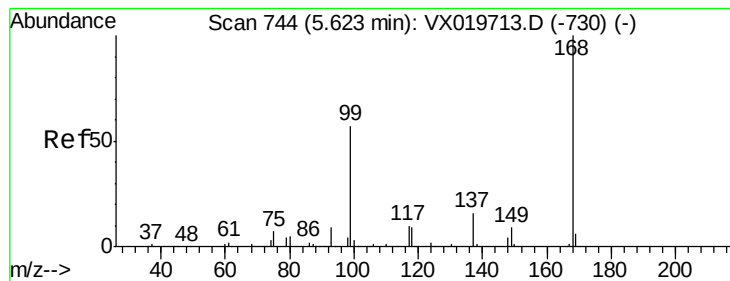
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
Data File : VX020081.D
Acq On : 16 Dec 2020 21:23
Operator : JC/MD
Sample : L5085-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-571-121120

Quant Time: Dec 17 00:33:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX020081.D

Acq: 16 Dec 2020 21:23

Instrument :

MSVOA_X

ClientSampleId :

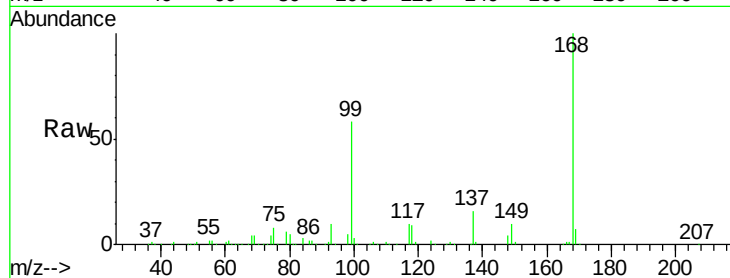
TU032-32-571-121120

Tgt Ion:168 Resp: 290071

Ion Ratio Lower Upper

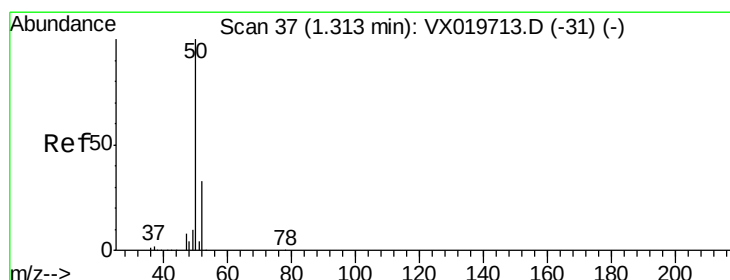
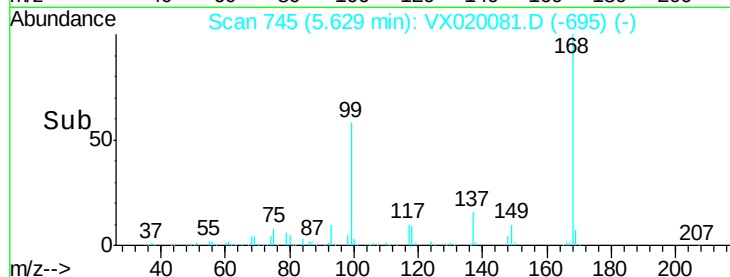
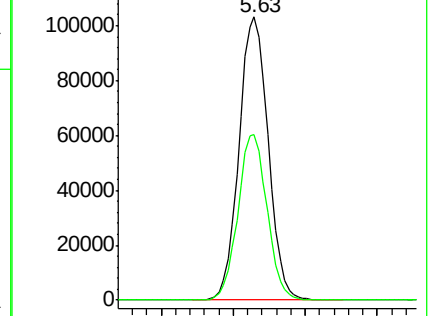
168 100

99 58.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.568 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX020081.D

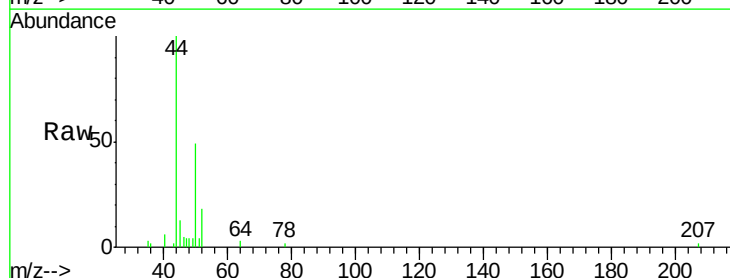
Acq: 16 Dec 2020 21:23

Tgt Ion: 50 Resp: 1773

Ion Ratio Lower Upper

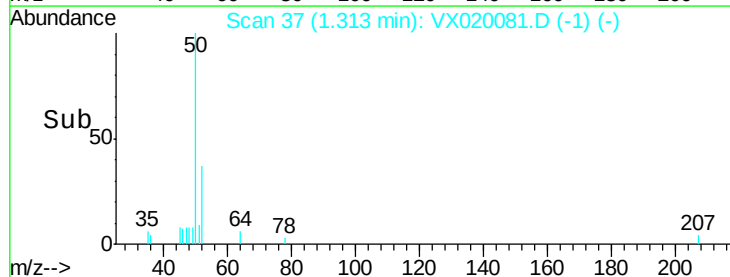
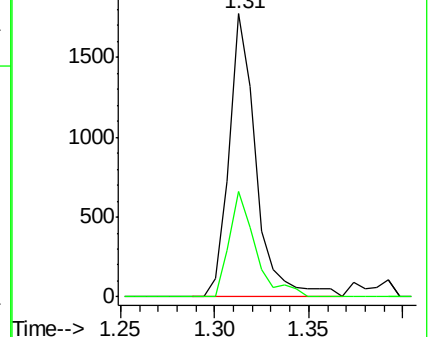
50 100

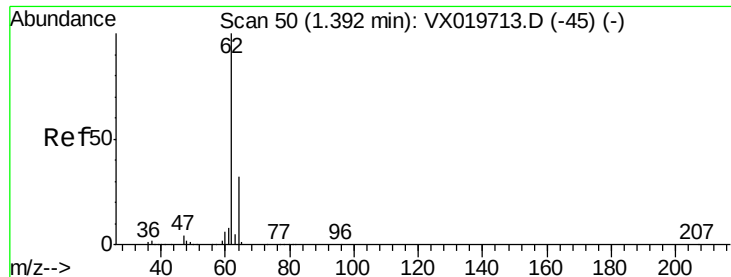
52 37.5 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 1.363 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX020081.D

Acq: 16 Dec 2020 21:23

Instrument :

MSVOA_X

ClientSampleId :

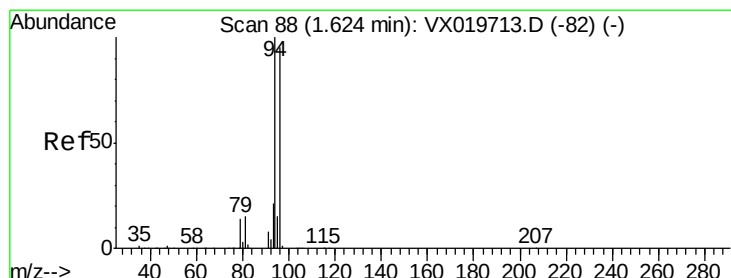
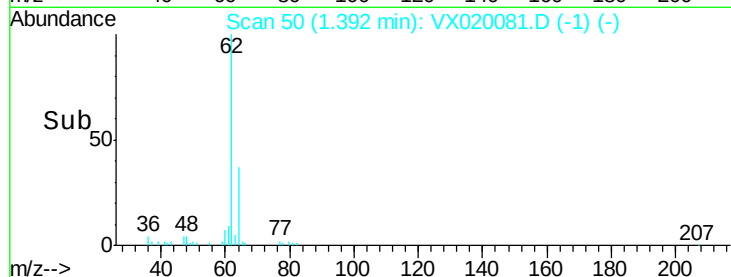
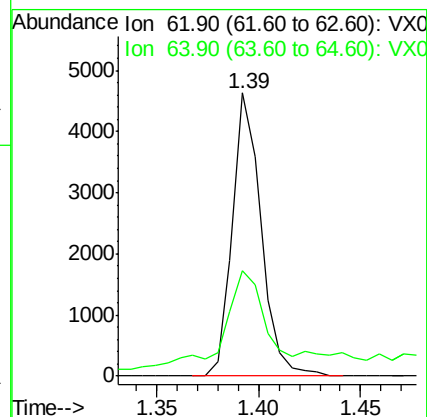
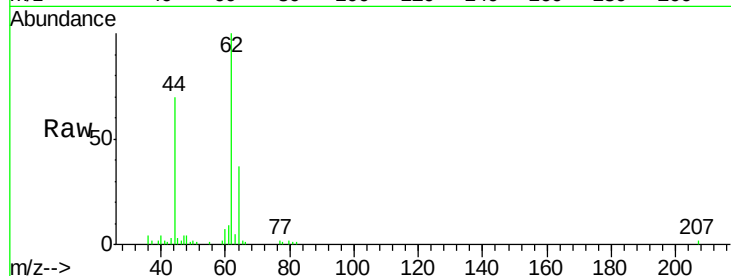
TU032-32-571-121120

Tgt Ion: 62 Resp: 4490

Ion Ratio Lower Upper

62 100

64 30.2 25.7 38.5



#5

Bromomethane

Concen: 0.541 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX020081.D

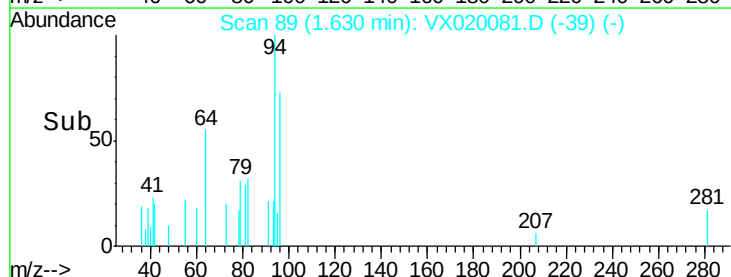
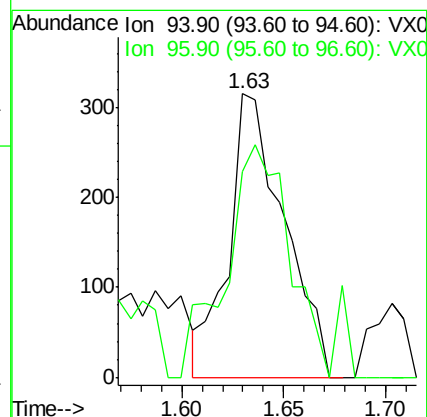
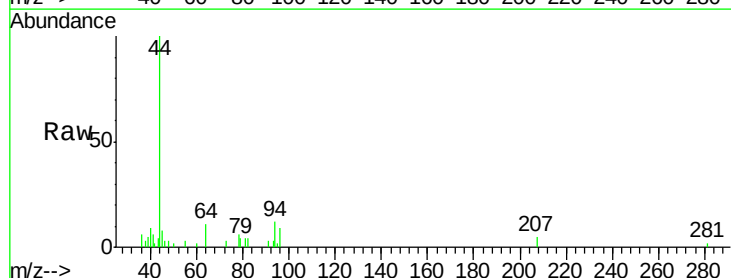
Acq: 16 Dec 2020 21:23

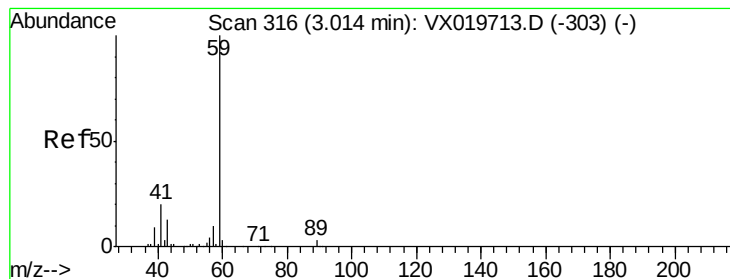
Tgt Ion: 94 Resp: 592

Ion Ratio Lower Upper

94 100

96 47.0 76.4 114.6#



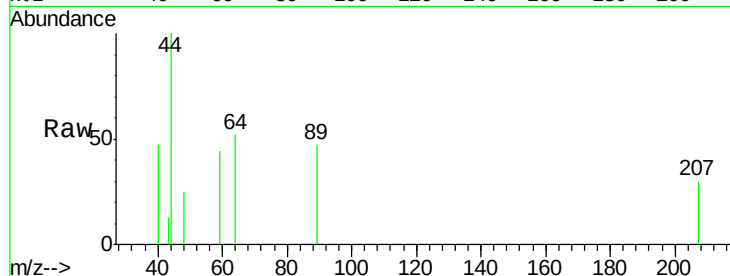


#11

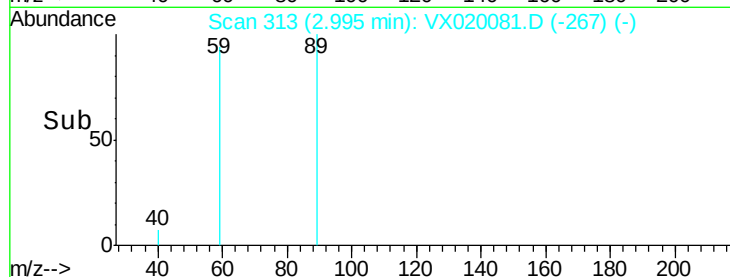
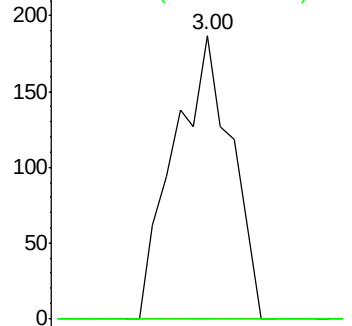
Tert butyl alcohol
Concen: Below Cal
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX020081.D
Acq: 16 Dec 2020 21:23

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-571-121120

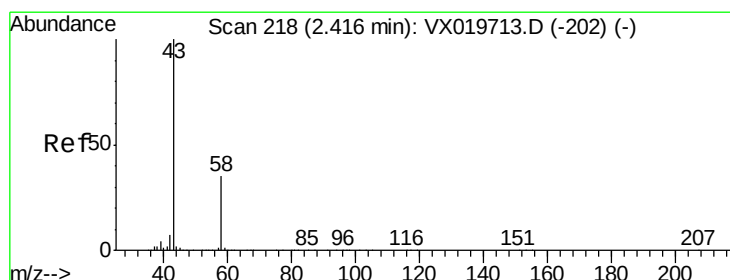
Tgt Ion: 59 Resp: 333
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0



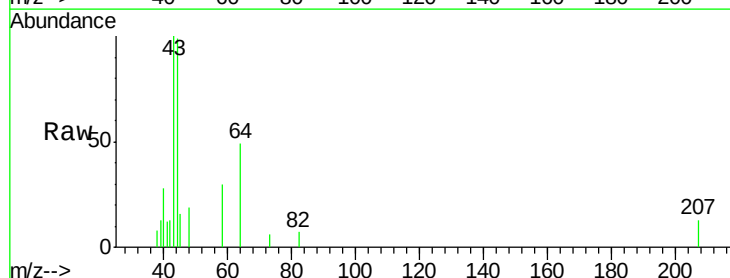
Time-->



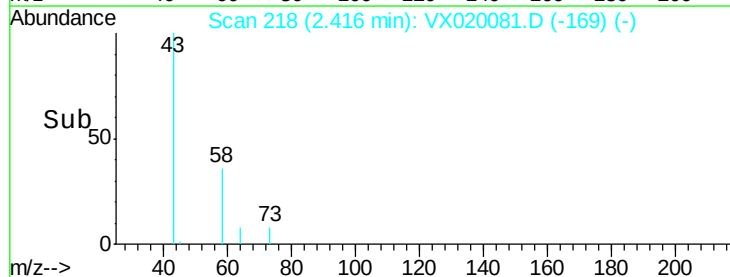
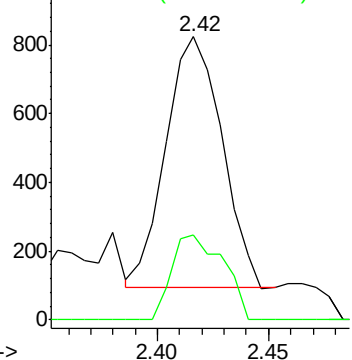
#16

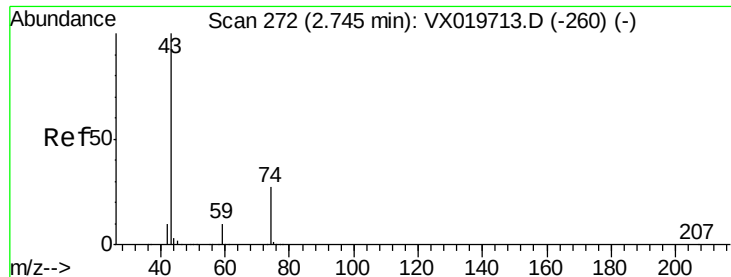
Acetone
Concen: 0.891 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX020081.D
Acq: 16 Dec 2020 21:23

Tgt Ion: 43 Resp: 1277
Ion Ratio Lower Upper
43 100
58 33.8 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

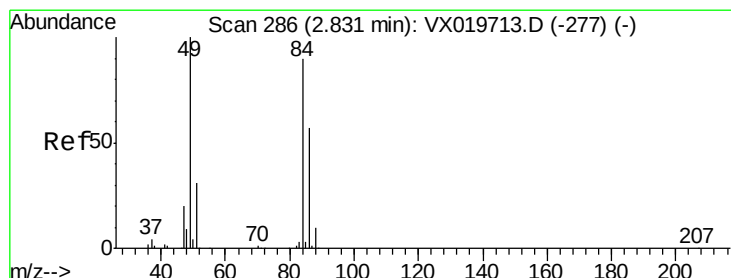
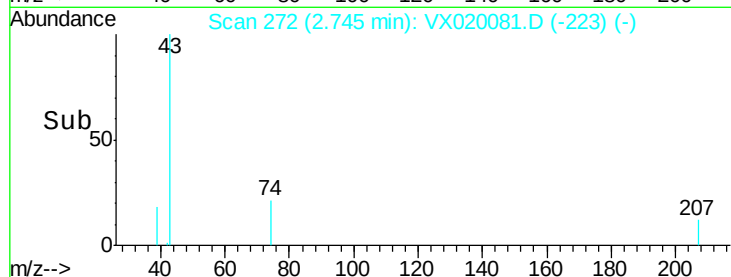
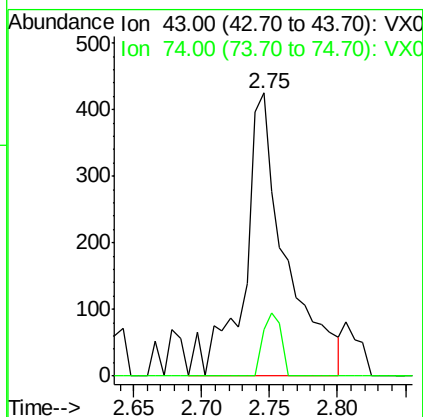
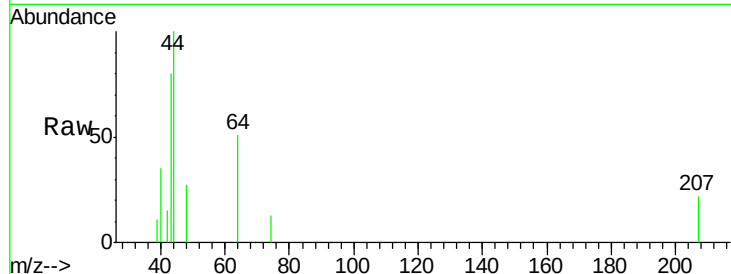




#18
Methyl Acetate
Concen: 0.259 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX020081.D
Acq: 16 Dec 2020 21:23

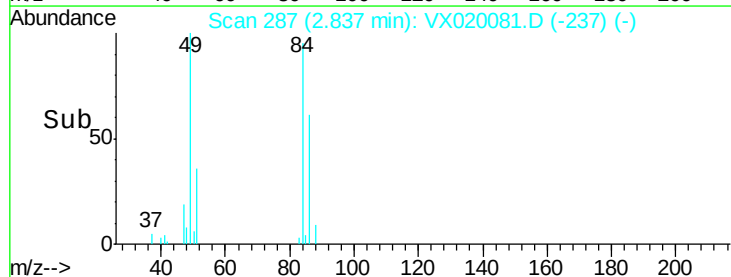
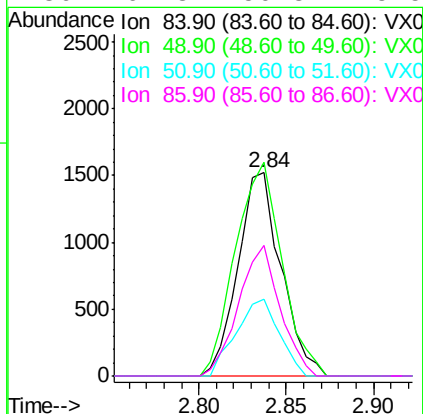
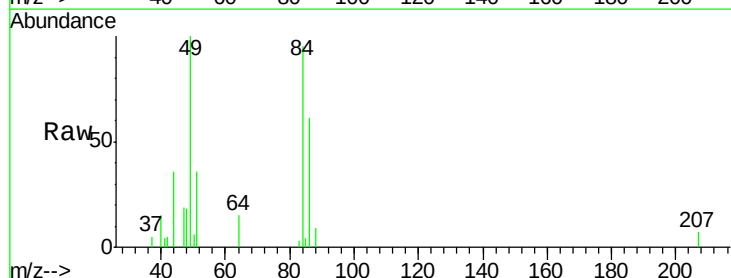
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-571-121120

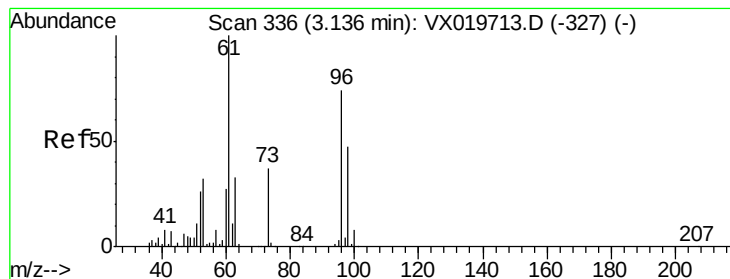
Tgt Ion: 43 Resp: 908
Ion Ratio Lower Upper
43 100
74 9.8 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX020081.D
Acq: 16 Dec 2020 21:23

Tgt Ion: 84 Resp: 2616
Ion Ratio Lower Upper
84 100
49 105.0 88.6 132.8
51 37.8 27.0 40.6
86 64.3 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 4.713 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX020081.D

Acq: 16 Dec 2020 21:23

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-571-121120

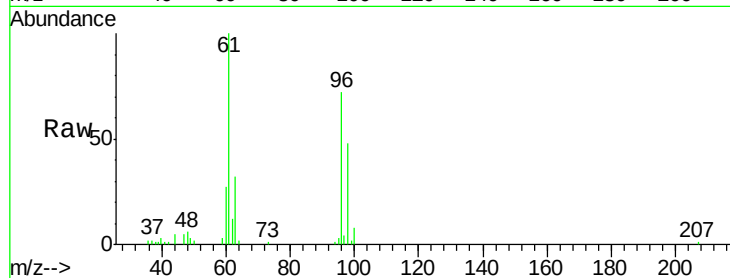
Tgt Ion: 96 Resp: 14604

Ion Ratio Lower Upper

96 100

61 139.5 107.7 161.5

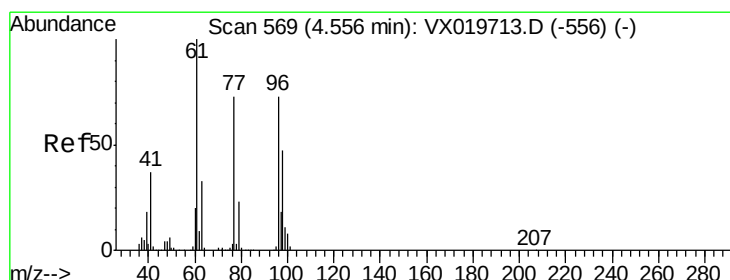
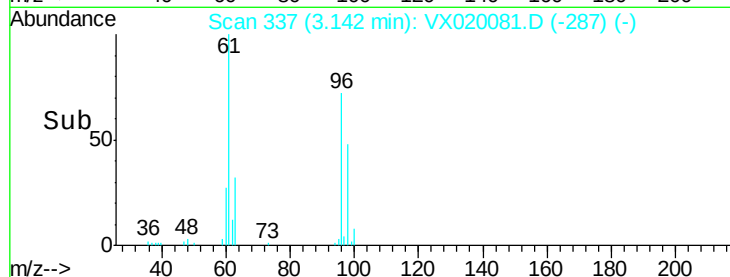
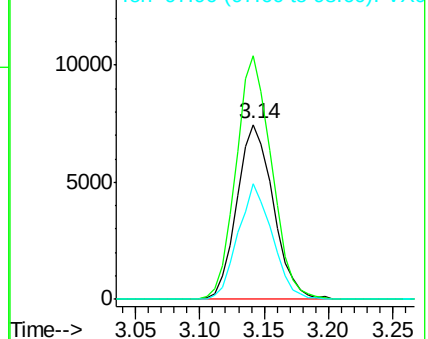
98 66.4 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 113.589 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX020081.D

Acq: 16 Dec 2020 21:23

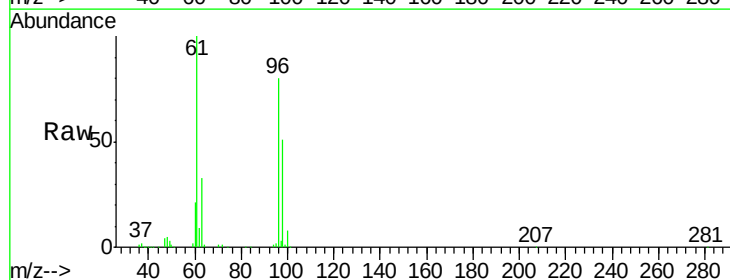
Tgt Ion: 96 Resp: 411874

Ion Ratio Lower Upper

96 100

61 125.2 0.0 285.6

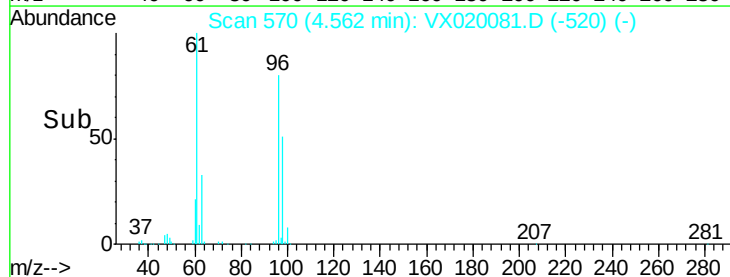
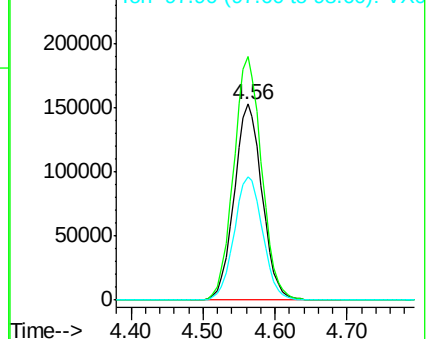
98 64.5 0.0 129.6

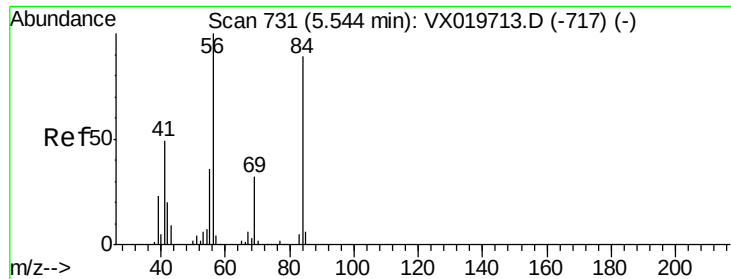


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

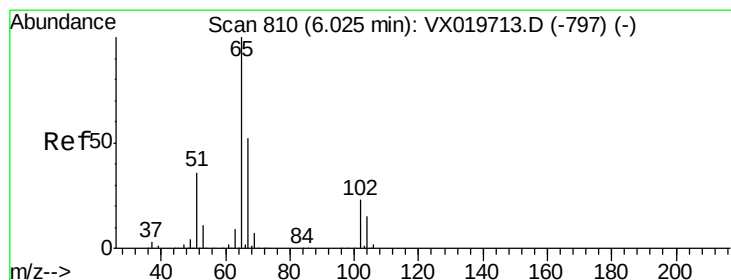
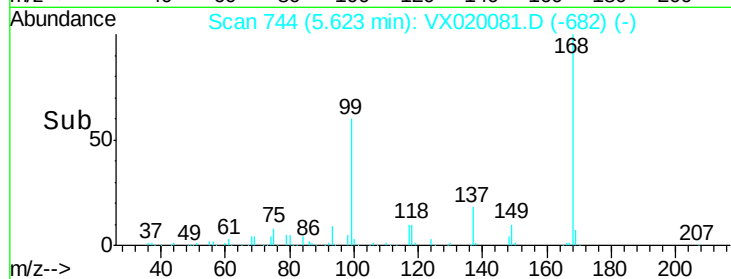
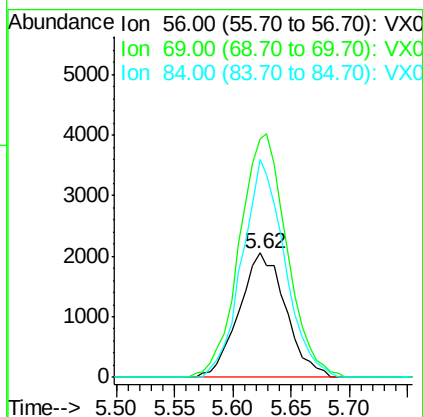
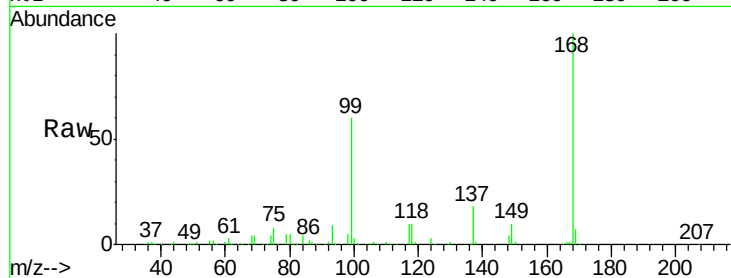




#31
Cyclohexane
Concen: 1.207 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX020081.D
Acq: 16 Dec 2020 21:23

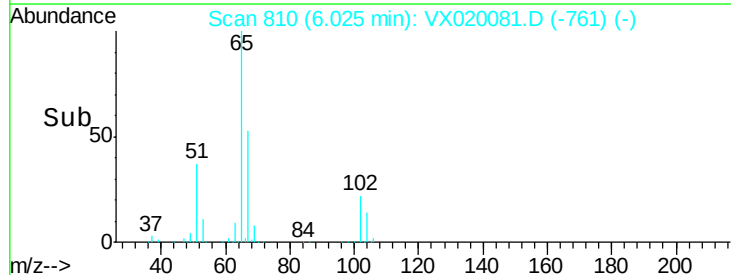
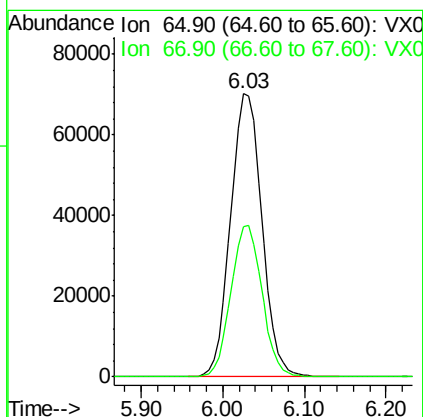
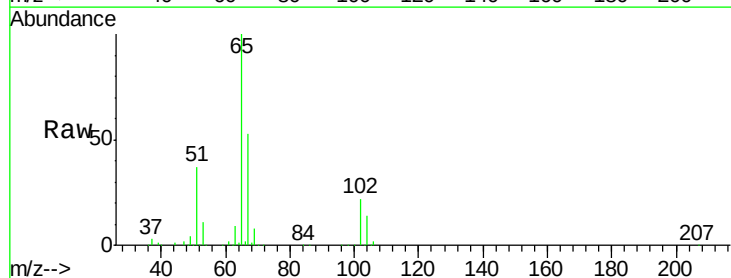
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-571-121120

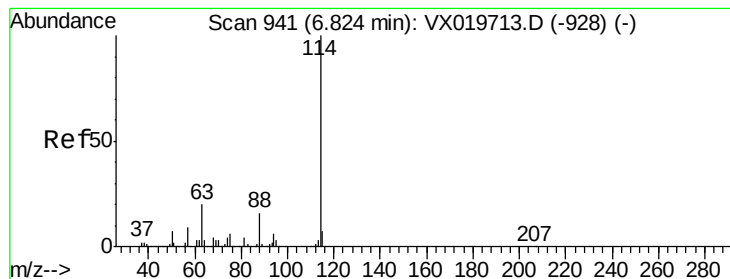
Tgt Ion: 56 Resp: 5722
Ion Ratio Lower Upper
56 100
69 192.4 25.3 37.9#
84 176.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 48.907 ug/l
RT: 6.03 min Scan# 810
Delta R.T. 0.00 min
Lab File: VX020081.D
Acq: 16 Dec 2020 21:23

Tgt Ion: 65 Resp: 186451
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX020081.D

Acq: 16 Dec 2020 21:23

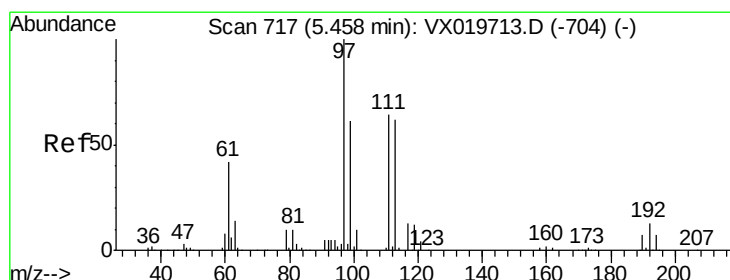
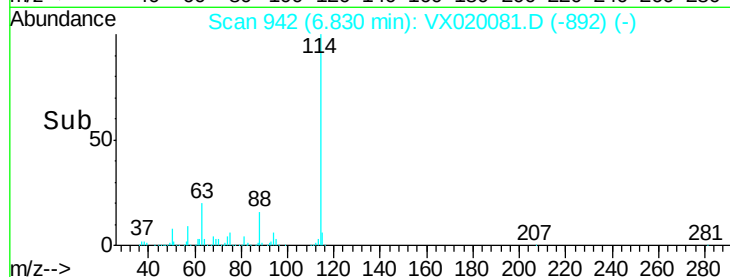
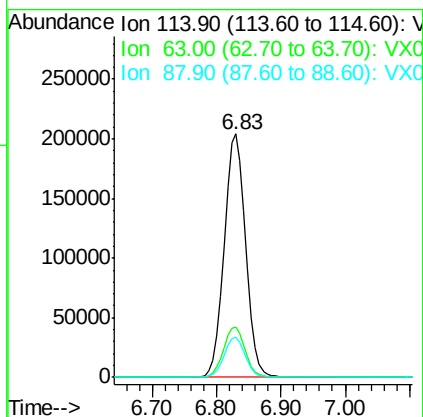
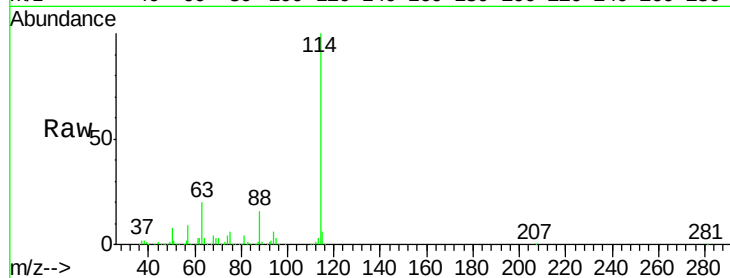
Instrument :

MSVOA_X

ClientSampleId :

TU032-32-571-121120

Tgt Ion:	114	Resp:	479547
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.8
88	16.3	0.0	32.8



#35

Dibromofluoromethane

Concen: 48.725 ug/l

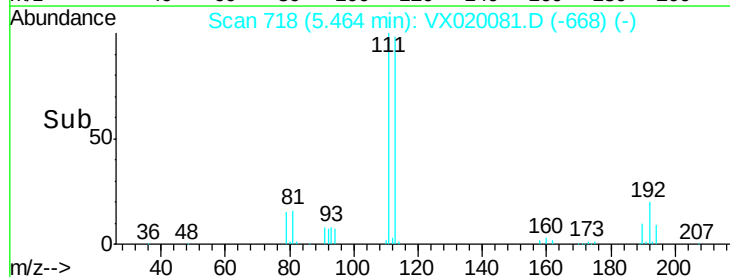
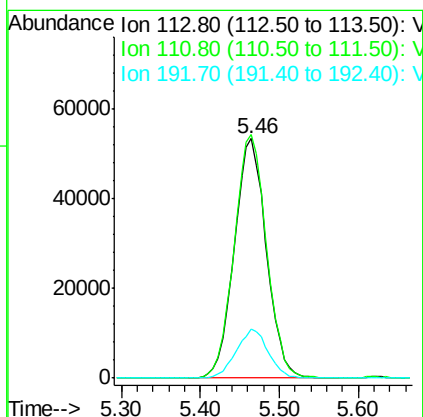
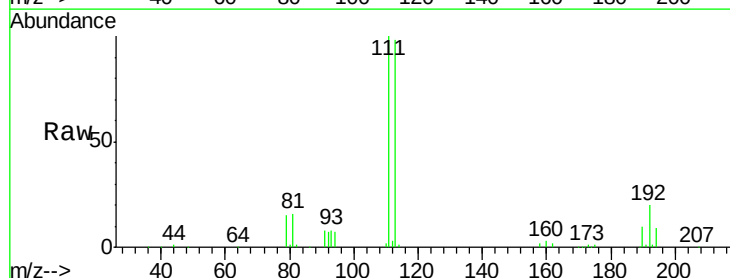
RT: 5.46 min Scan# 718

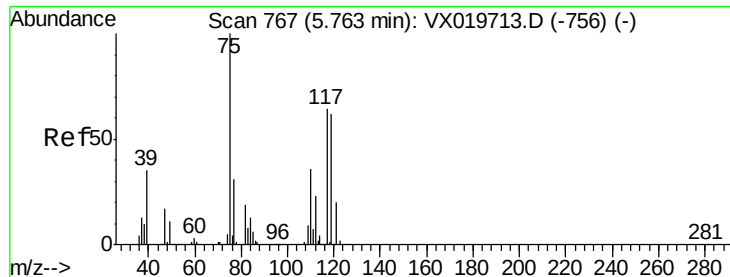
Delta R.T. 0.01 min

Lab File: VX020081.D

Acq: 16 Dec 2020 21:23

Tgt Ion:	113	Resp:	151012
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.9	122.9
192	20.5	16.7	25.1

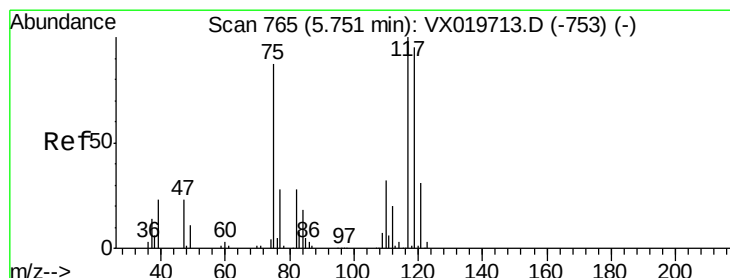
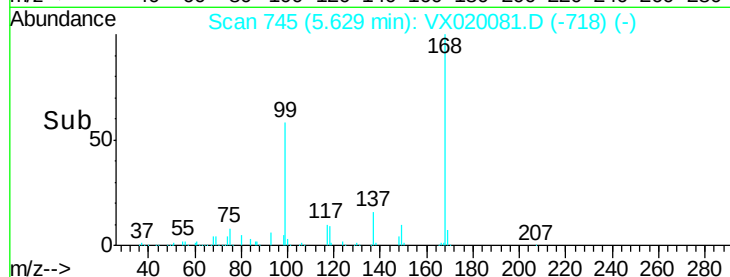
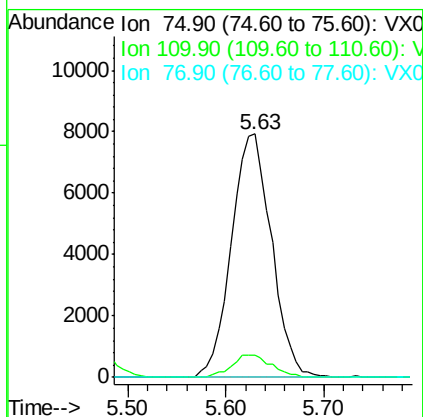
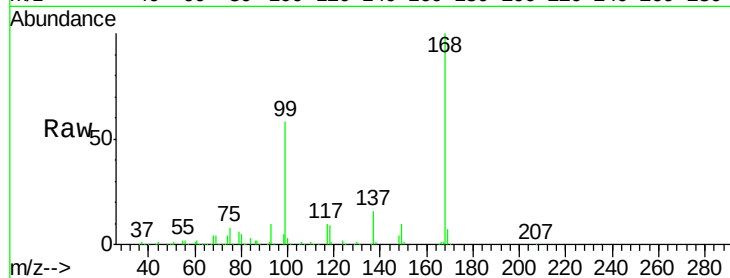




#36
 1,1-Dichloropropene
 Concen: 5.193 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.13 min
 Lab File: VX020081.D
 Acq: 16 Dec 2020 21:23

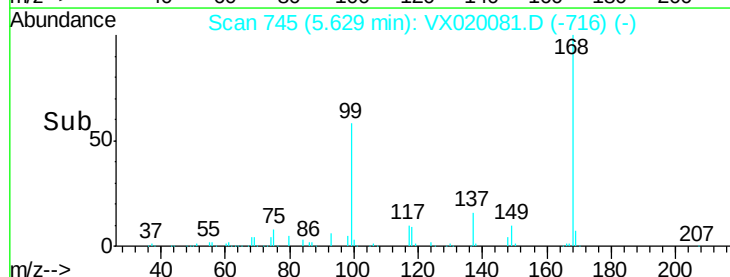
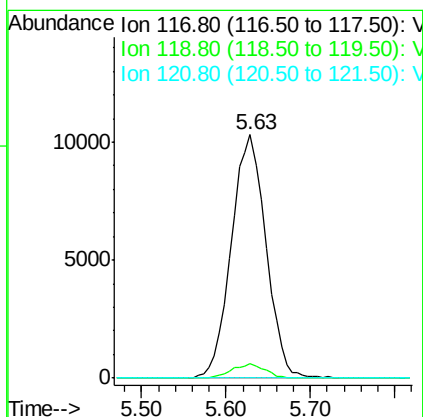
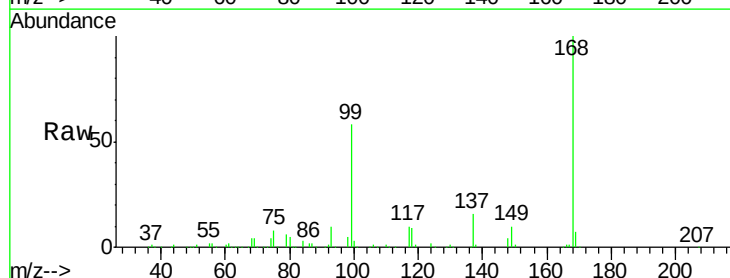
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-571-121120

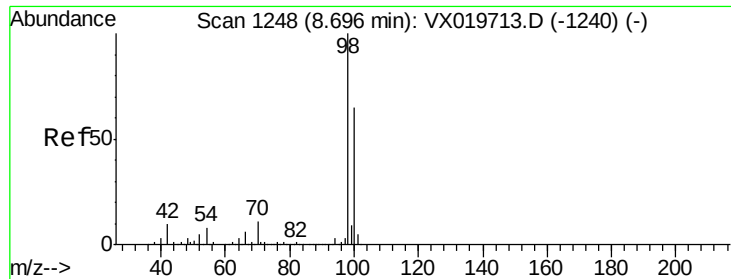
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.4#
77	0.0	25.3	37.9#



#38
 Carbon Tetrachloride
 Concen: 6.764 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.12 min
 Lab File: VX020081.D
 Acq: 16 Dec 2020 21:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.2	114.2#
121	0.0	24.8	37.2#

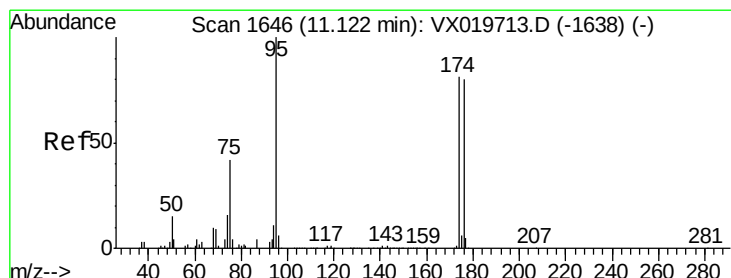
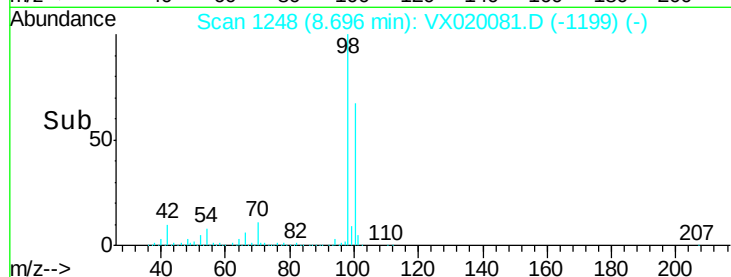
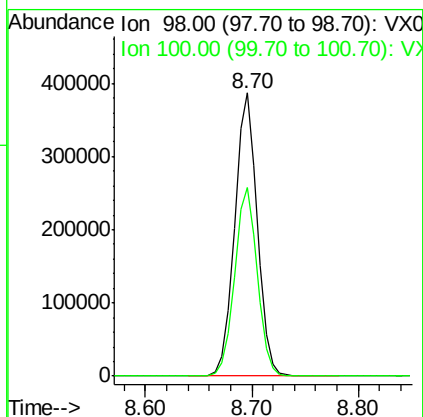
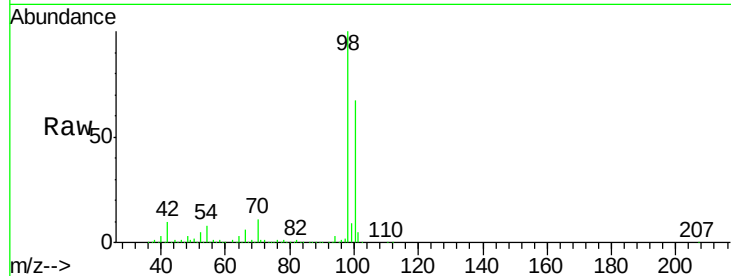




#50
Toluene-d8
Concen: 48.613 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX020081.D
Acq: 16 Dec 2020 21:23

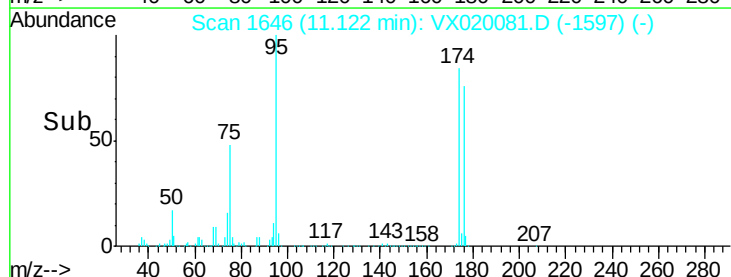
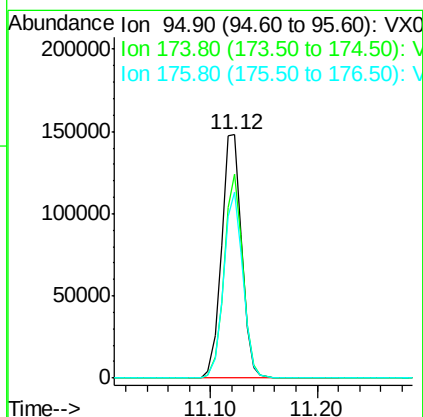
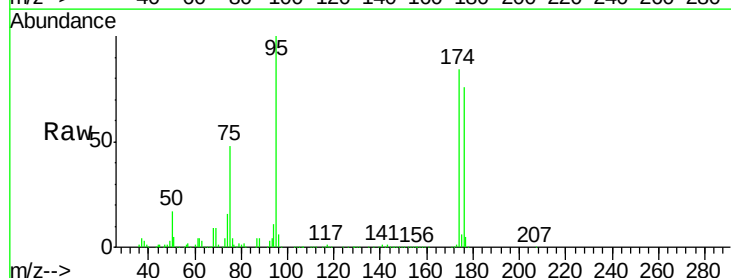
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-571-121120

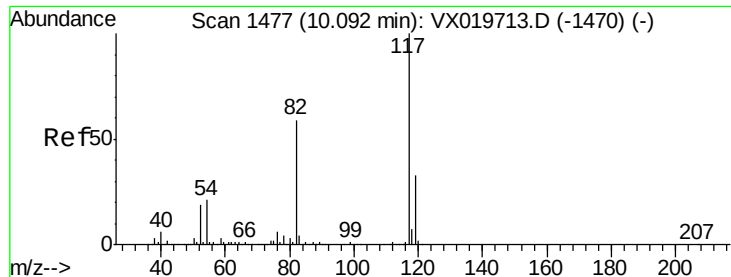
Tgt Ion: 98 Resp: 575189
Ion Ratio Lower Upper
98 100
100 66.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.613 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX020081.D
Acq: 16 Dec 2020 21:23

Tgt Ion: 95 Resp: 196408
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 72.8 0.0 155.8

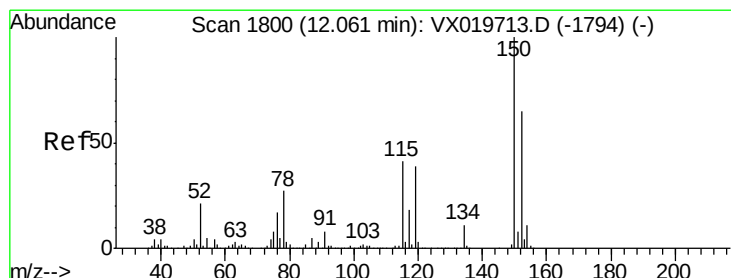
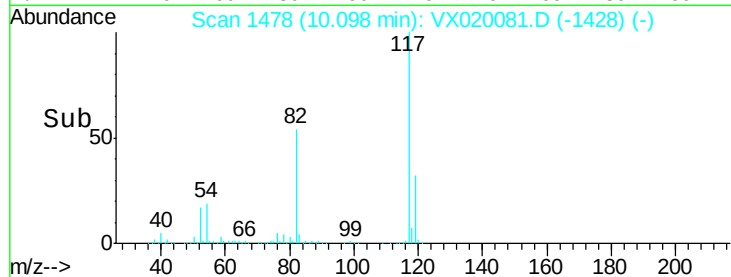
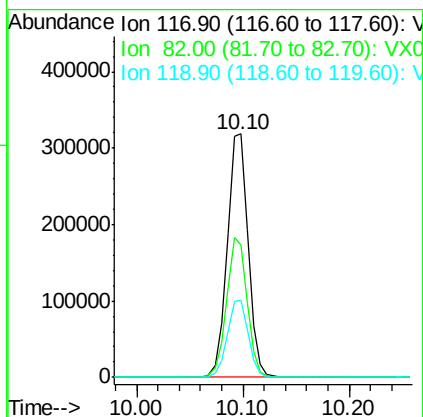
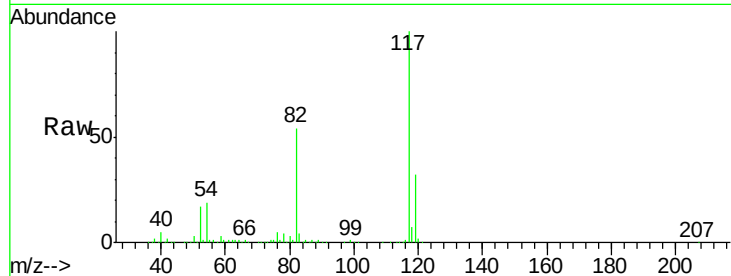




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX020081.D
Acq: 16 Dec 2020 21:23

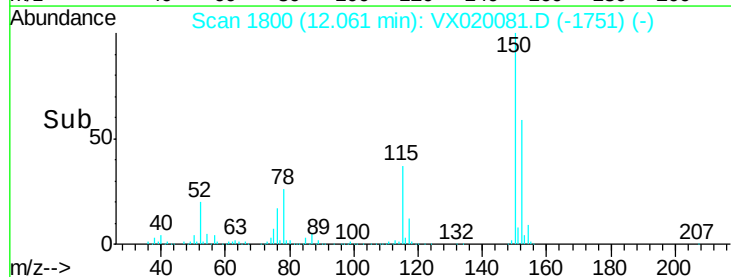
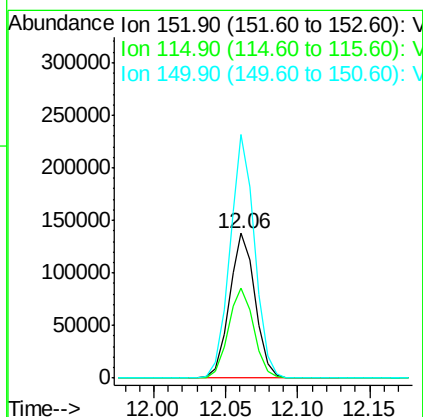
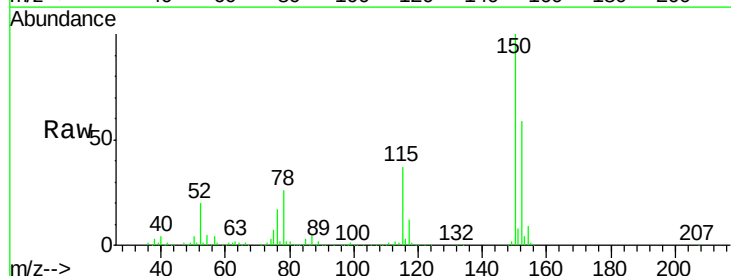
Instrument :
MSVOA_X
ClientSampleId :
TU032-32-571-121120

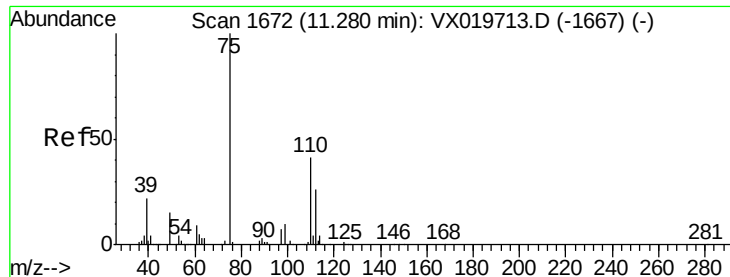
Tgt Ion:117 Resp: 438514
Ion Ratio Lower Upper
117 100
82 54.5 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX020081.D
Acq: 16 Dec 2020 21:23

Tgt Ion:152 Resp: 172294
Ion Ratio Lower Upper
152 100
115 62.0 41.1 123.3
150 161.4 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 24.533 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.16 min

Lab File: VX020081.D

Acq: 16 Dec 2020 21:23

Instrument :

MSVOA_X

ClientSampleId :

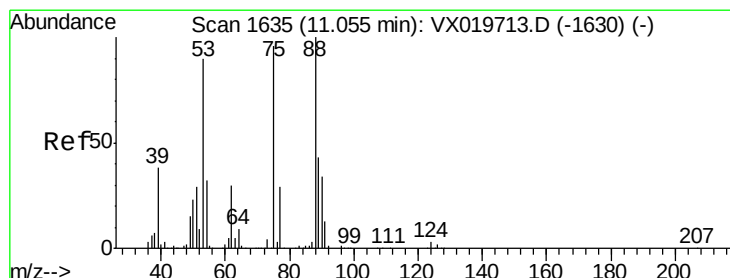
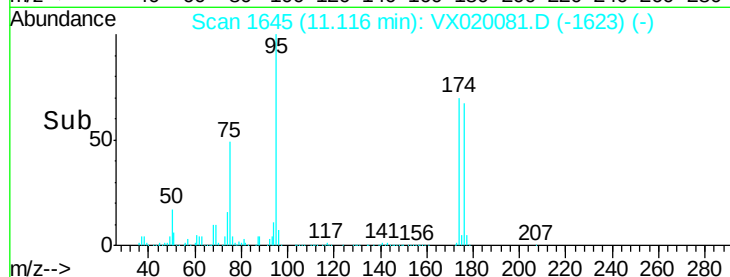
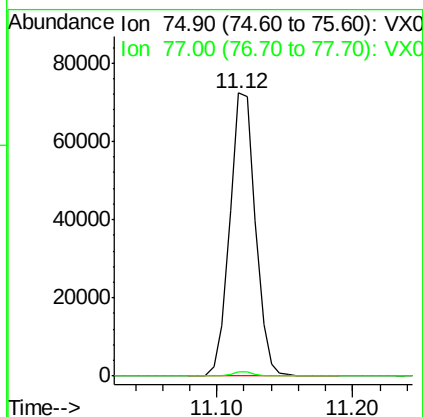
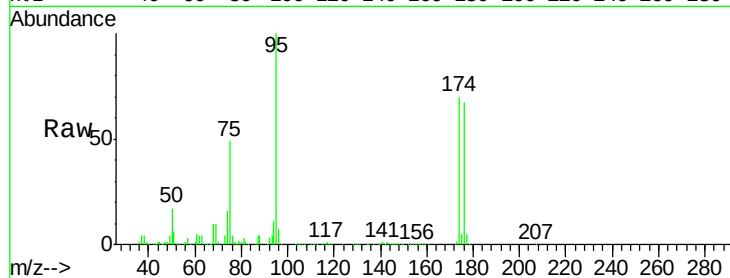
TU032-32-571-121120

Tgt Ion: 75 Resp: 94801

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.920 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. 0.06 min

Lab File: VX020081.D

Acq: 16 Dec 2020 21:23

Tgt Ion: 75 Resp: 94801

Ion Ratio Lower Upper

75 100

53 0.1 74.5 111.7#

89 0.0 37.9 56.9#

