

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071320\
 Data File : VX017349.D
 Acq On : 13 Jul 2020 11:01
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 13 12:03:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 13 11:59:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	303064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	458103	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	425194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	228208	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	71298	18.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.80%	
35) Dibromofluoromethane	5.46	113	56868	19.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.64%	
50) Toluene-d8	8.70	98	205208	18.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.64%	
62) 4-Bromofluorobenzene	11.12	95	79540	18.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	52834	18.161	ug/l	99
3) Chloromethane	1.32	50	54384	15.744	ug/l	98
4) Vinyl Chloride	1.39	62	56397	17.348	ug/l	97
5) Bromomethane	1.64	94	39996	22.446	ug/l	92
6) Chloroethane	1.72	64	34196	17.660	ug/l	99
7) Trichlorofluoromethane	1.92	101	95067	19.312	ug/l	98
8) Diethyl Ether	2.17	74	32004	18.007	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	53314	18.383	ug/l	99
10) Methyl Iodide	2.50	142	60968	16.474	ug/l	100
11) Tert butyl alcohol	3.01	59	59886	85.426	ug/l	96
12) 1,1-Dichloroethene	2.36	96	54180	18.298	ug/l	99
13) Acrolein	2.27	56	33393	80.264	ug/l	99
14) Allyl chloride	2.71	41	89320	16.411	ug/l	98
15) Acrylonitrile	3.12	53	150123	88.712	ug/l	100
16) Acetone	2.42	43	124319	89.570	ug/l	98
17) Carbon Disulfide	2.55	76	154259	16.980	ug/l	99
18) Methyl Acetate	2.75	43	62400	17.371	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	185126	18.538	ug/l	100
20) Methylene Chloride	2.84	84	62058	17.611	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	60349	18.252	ug/l	98
22) Diisopropyl ether	3.82	45	181310	18.012	ug/l	99
23) Vinyl Acetate	3.79	43	798037	91.898	ug/l	99
24) 1,1-Dichloroethane	3.67	63	104208	18.113	ug/l	99
25) 2-Butanone	4.64	43	206073	89.736	ug/l	97
26) 2,2-Dichloropropane	4.55	77	96839	18.748	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	66381	17.823	ug/l	99
28) Bromochloromethane	4.98	49	50626	18.148	ug/l	98
29) Tetrahydrofuran	5.09	42	133500	88.371	ug/l	98
30) Chloroform	5.18	83	111876	18.812	ug/l	100
31) Cyclohexane	5.55	56	84042	17.074	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	104184	18.936	ug/l	99
36) 1,1-Dichloropropene	5.78	75	79681	18.397	ug/l	99
37) Ethyl Acetate	4.80	43	82516	18.884	ug/l	97
38) Carbon Tetrachloride	5.75	117	93801	19.463	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	84612	17.642	ug/l	96
40) Benzene	6.11	78	230897	18.200	ug/l	98
41) Methacrylonitrile	5.01	41	44347	18.029	ug/l	99
42) 1,2-Dichloroethane	6.17	62	92718	20.016	ug/l	100
43) Isopropyl Acetate	6.41	43	131618	18.101	ug/l	100
44) Trichloroethene	7.19	130	70766	18.386	ug/l	100
45) 1,2-Dichloropropane	7.49	63	59420	18.247	ug/l	99
46) Dibromomethane	7.64	93	43363	19.375	ug/l	98
47) Bromodichloromethane	7.87	83	89541	19.369	ug/l	98
48) Methyl methacrylate	7.74	41	62705	18.169	ug/l	98
49) 1,4-Dioxane	7.71	88	24546	316.825	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	411185	94.637	ug/l	99
52) Toluene	8.77	92	148435	18.651	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	95386	18.717	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	101700	18.653	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	61830	18.927	ug/l	98
56) Ethyl methacrylate	9.16	69	86058	18.577	ug/l	99
57) 1,3-Dichloropropane	9.35	76	101563	18.440	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	237074	102.430	ug/l	99
59) 2-Hexanone	9.47	43	307973	96.515	ug/l	99
60) Dibromochloromethane	9.57	129	74021	19.355	ug/l	99
61) 1,2-Dibromoethane	9.65	107	67139	19.093	ug/l	100
64) Tetrachloroethene	9.32	164	72234	20.753	ug/l	93
65) Chlorobenzene	10.12	112	166357	18.946	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	65766	19.300	ug/l	99
67) Ethyl Benzene	10.23	91	279970	19.123	ug/l	99
68) m/p-Xylenes	10.34	106	221564	39.421	ug/l	99
69) o-Xylene	10.68	106	102450	19.102	ug/l	99
70) Styrene	10.70	104	181918	19.946	ug/l	99
71) Bromoform	10.84	173	57062	20.966	ug/l	99
73) Isopropylbenzene	11.00	105	280412	18.841	ug/l	98
74) N-amyl acetate	10.88	43	110995	17.689	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	87614	18.823	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	108288	24.372	ug/l	86
77) Bromobenzene	11.24	156	80445	19.505	ug/l	99
78) n-propylbenzene	11.34	91	317523	18.853	ug/l	100
79) 2-Chlorotoluene	11.40	91	194862	19.119	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	243515	19.703	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	31167	18.223	ug/l	95
82) 4-Chlorotoluene	11.49	91	235200	19.273	ug/l	100
83) tert-Butylbenzene	11.76	119	230129	18.948	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	250262	19.913	ug/l	100
85) sec-Butylbenzene	11.93	105	268393	18.815	ug/l	100
86) p-Isopropyltoluene	12.05	119	260476	19.641	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	140152	18.689	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	141492	18.493	ug/l	96
89) n-Butylbenzene	12.37	91	213459	18.090	ug/l	99
90) Hexachloroethane	12.58	117	48515	18.597	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	135195	19.393	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20935	18.624	ug/l	96

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Quant Title : SW846 8260
QLast Update : Mon Jul 13 11:59:58 2020
Response via : Initial Calibration

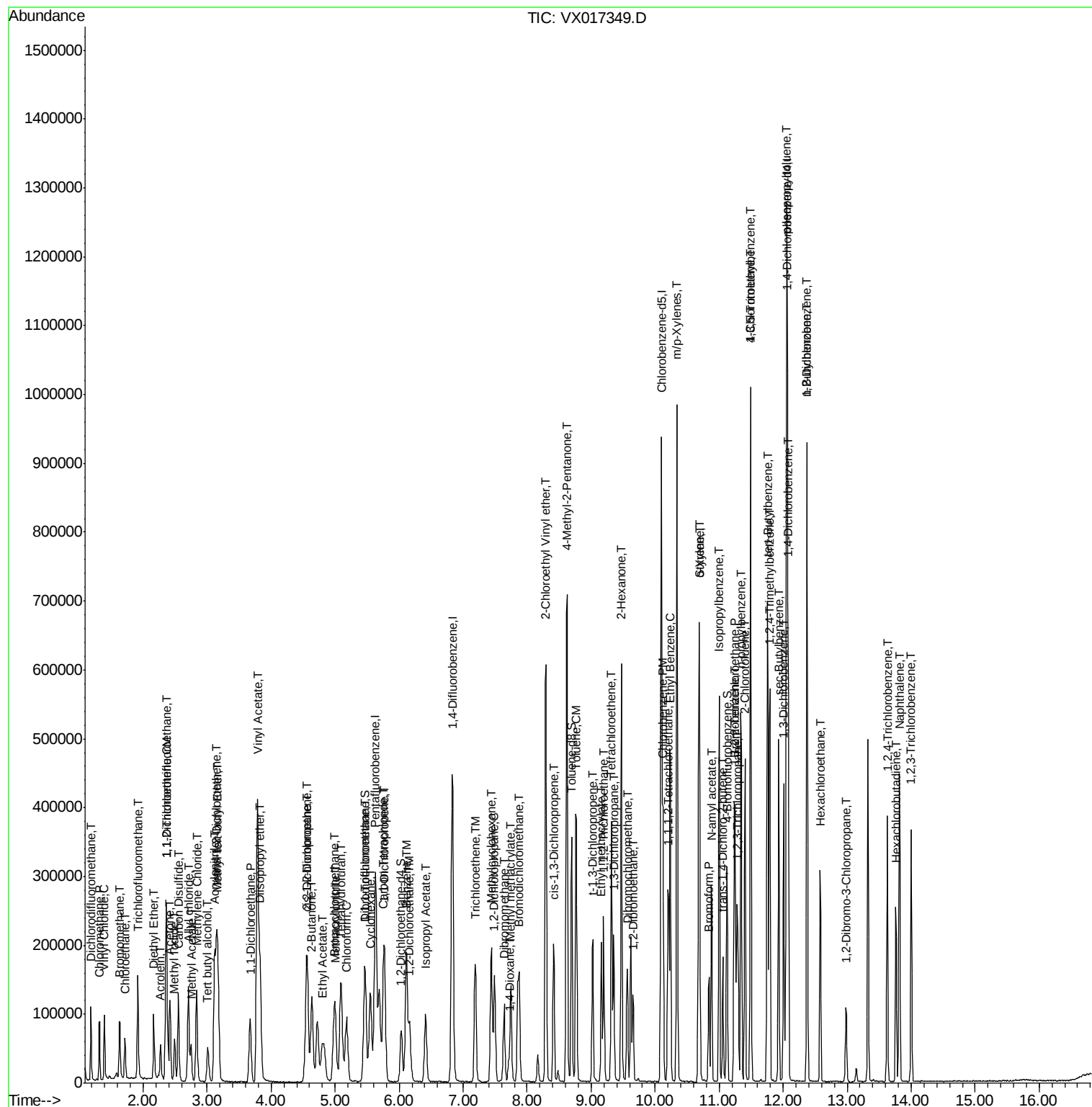
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	88526	18.529	ug/l	100
94) Hexachlorobutadiene	13.76	225	36979	18.925	ug/l	99
95) Naphthalene	13.82	128	275678	19.185	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	88377	19.155	ug/l	98

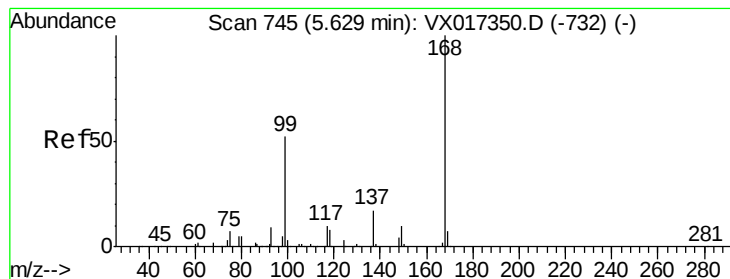
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX071320\
Data File : VX071349.D
Acq On : 13 Jul 2020 11:01
Operator : JC/SP
Sample : VSTDIC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Quant Time: Jul 13 12:03:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 13 11:59:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

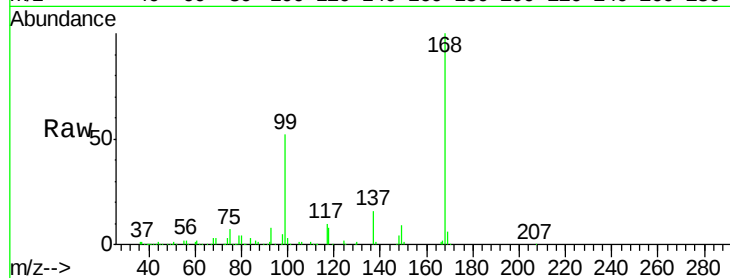
VSTDIC020

Tgt Ion:168 Resp: 303064

Ion Ratio Lower Upper

168 100

99 52.0 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

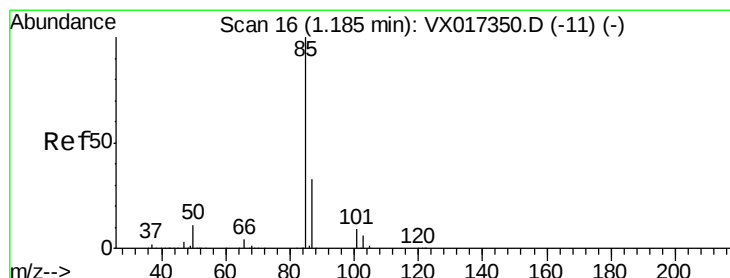
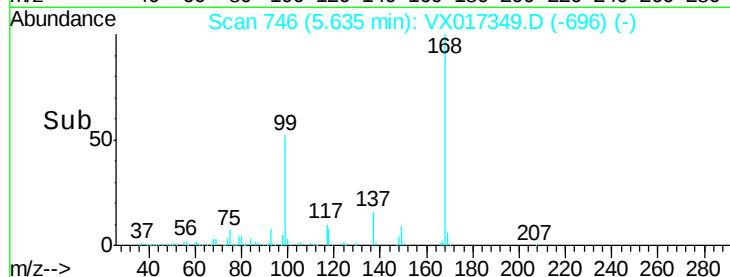
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.161 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017349.D

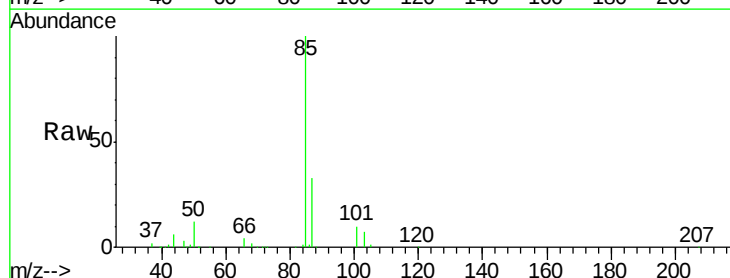
Acq: 13 Jul 2020 11:01

Tgt Ion: 85 Resp: 52834

Ion Ratio Lower Upper

85 100

87 33.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

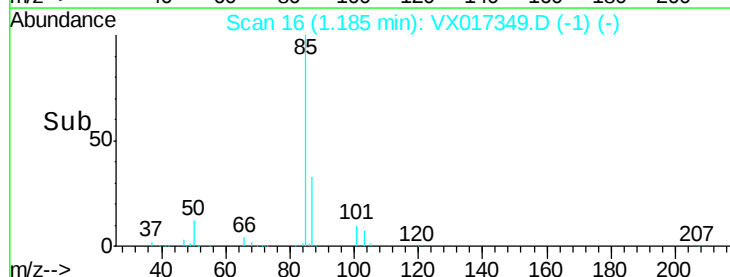
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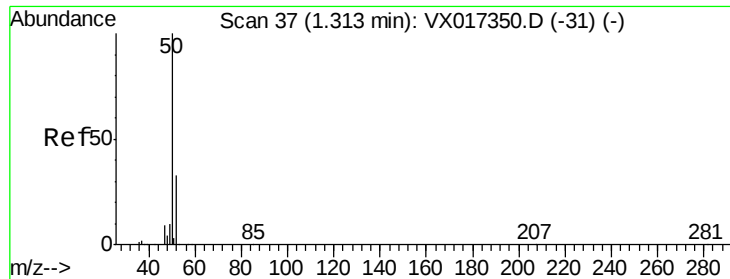
40000

20000

0

Time-->





#3

Chloromethane

Concen: 15.744 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

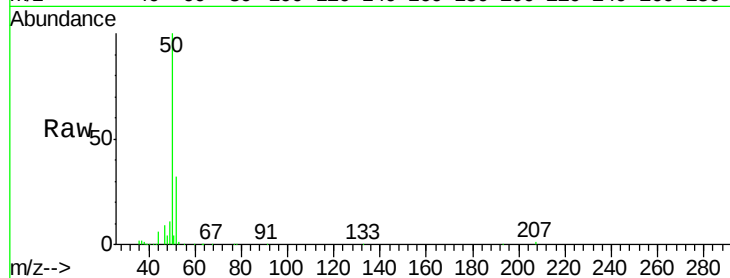
VSTDIC020

Tgt Ion: 50 Resp: 54384

Ion Ratio Lower Upper

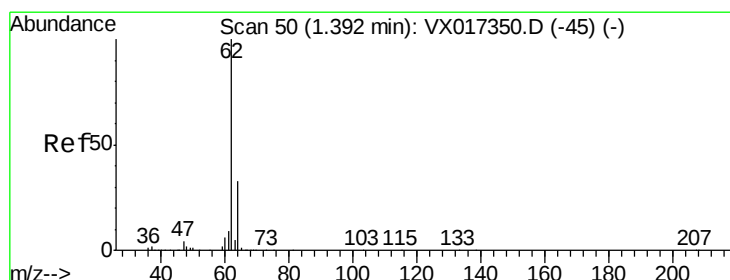
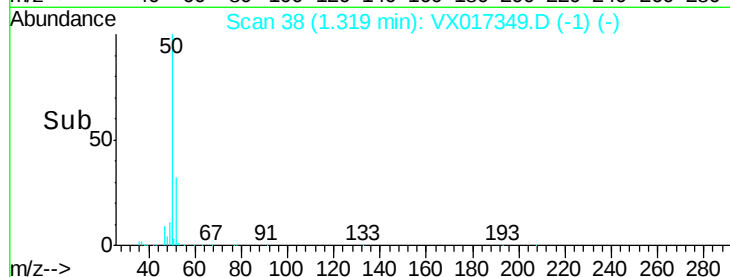
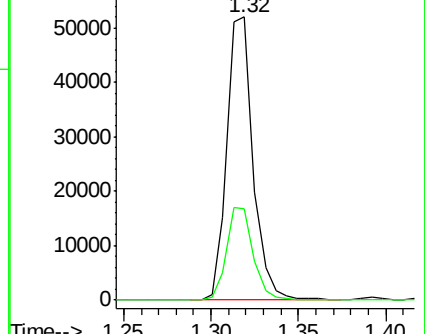
50 100

52 32.3 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.348 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017349.D

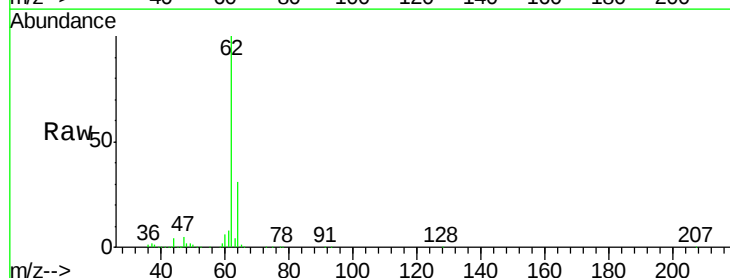
Acq: 13 Jul 2020 11:01

Tgt Ion: 62 Resp: 56397

Ion Ratio Lower Upper

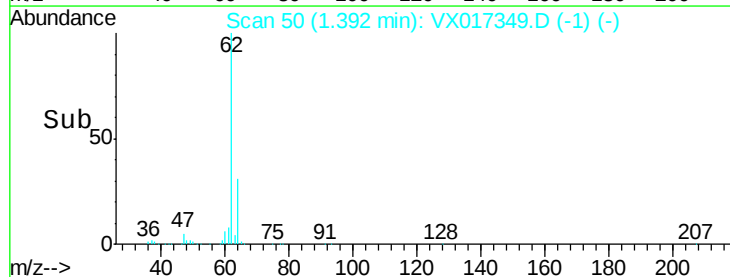
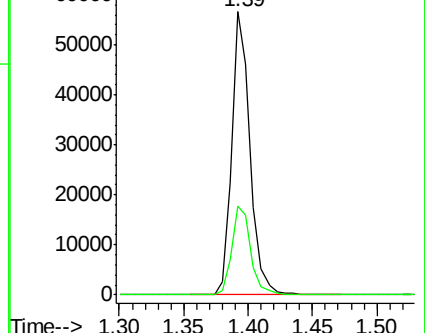
62 100

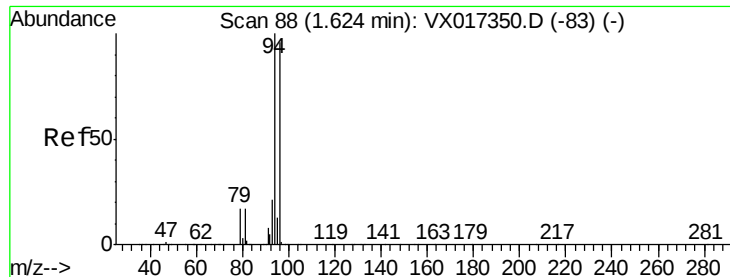
64 31.3 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.446 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

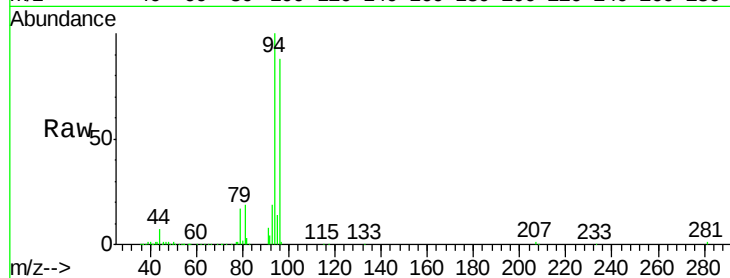
VSTDIC020

Tgt Ion: 94 Resp: 39996

Ion Ratio Lower Upper

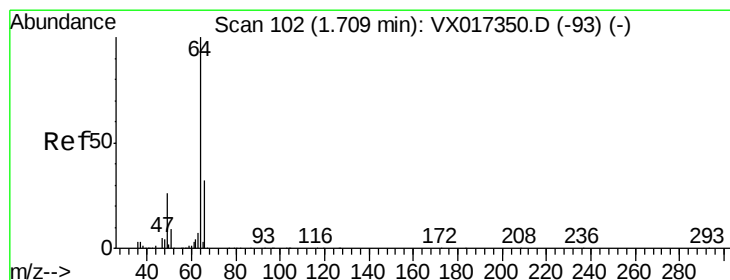
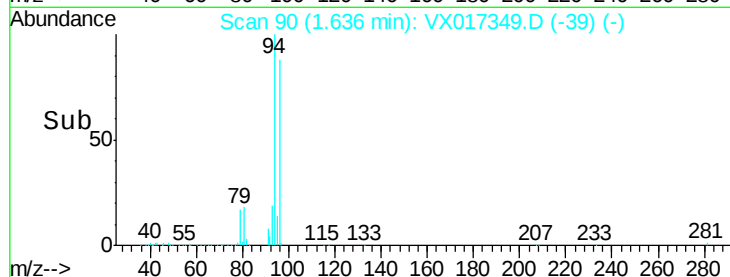
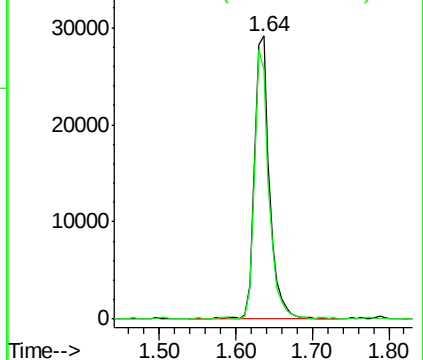
94 100

96 87.8 76.6 115.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.660 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017349.D

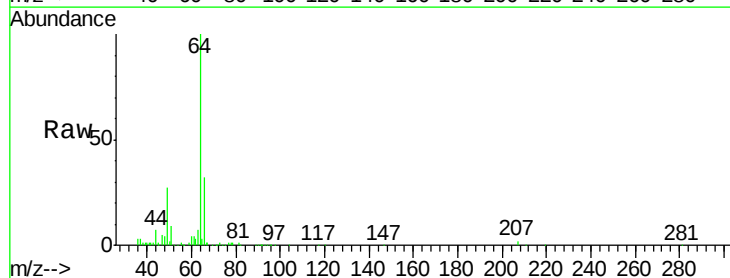
Acq: 13 Jul 2020 11:01

Tgt Ion: 64 Resp: 34196

Ion Ratio Lower Upper

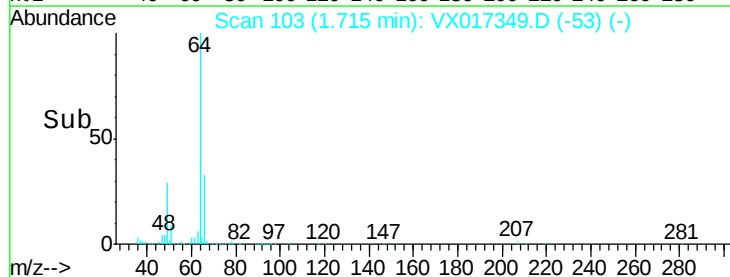
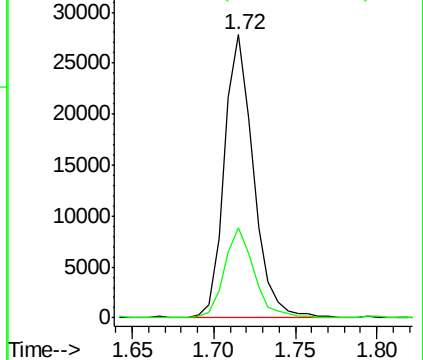
64 100

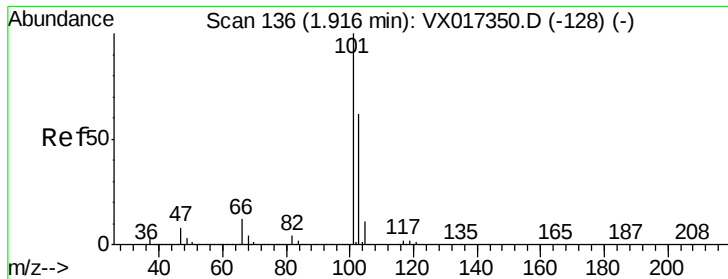
66 31.8 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



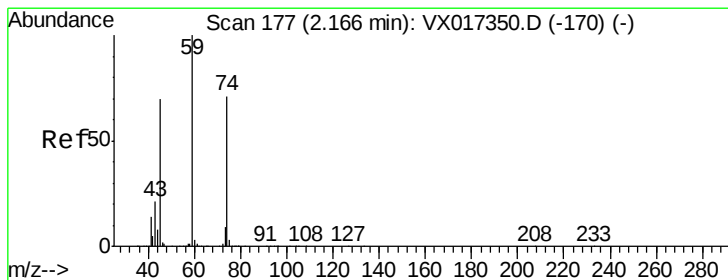
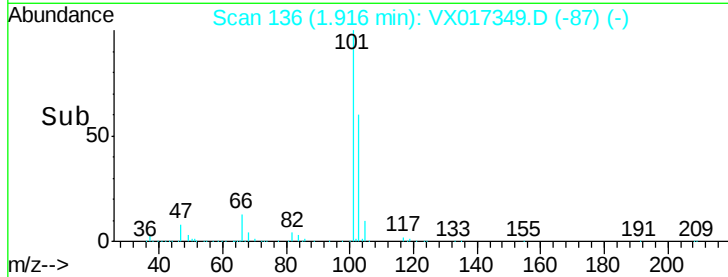
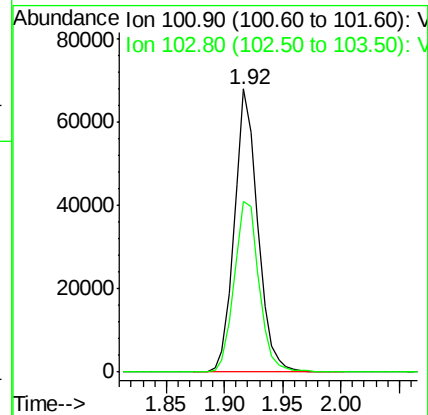
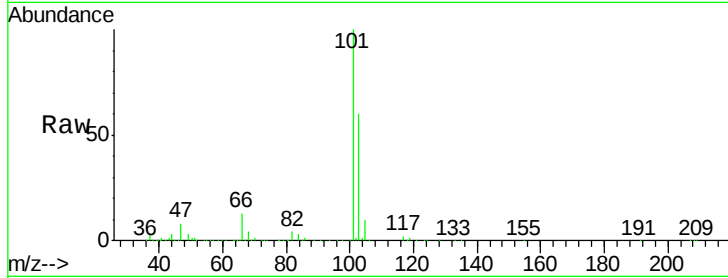


#7

Trichlorofluoromethane
 Concen: 19.312 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX017349.D
 Acq: 13 Jul 2020 11:01

Instrument :
 MSVOA_X
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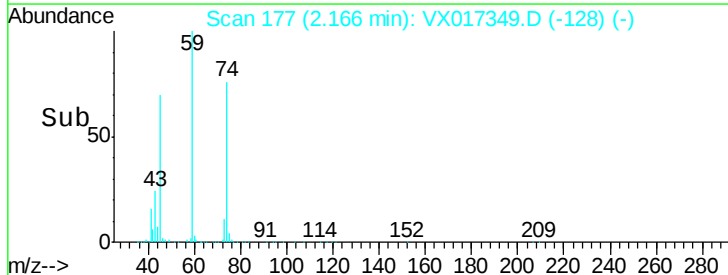
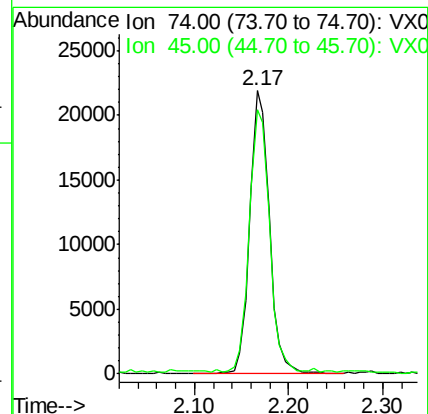
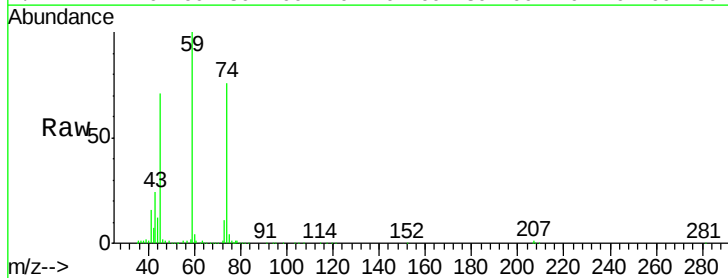
Tgt Ion:101 Resp: 95067
 Ion Ratio Lower Upper
 101 100
 103 60.2 49.6 74.4

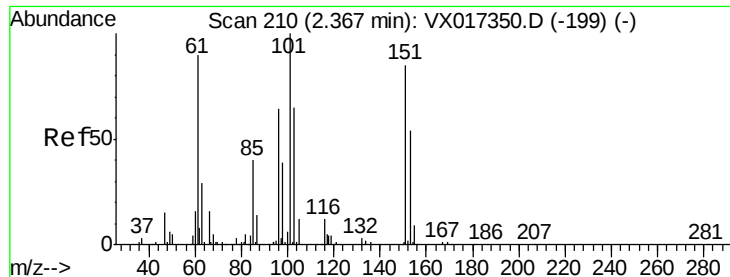


#8

Diethyl Ether
 Concen: 18.007 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017349.D
 Acq: 13 Jul 2020 11:01

Tgt Ion: 74 Resp: 32004
 Ion Ratio Lower Upper
 74 100
 45 95.7 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.383 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

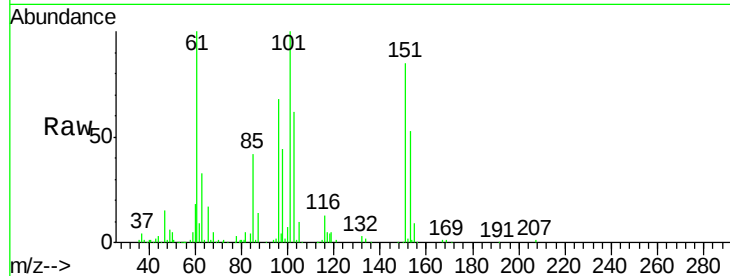
Tgt Ion:101 Resp: 53314

Ion Ratio Lower Upper

101 100

85 43.3 33.7 50.5

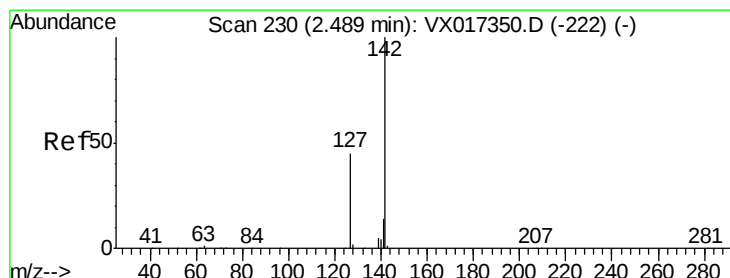
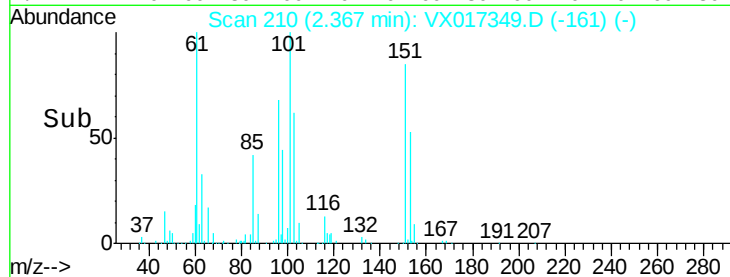
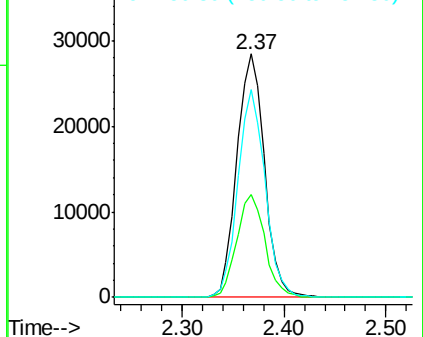
151 84.0 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.474 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

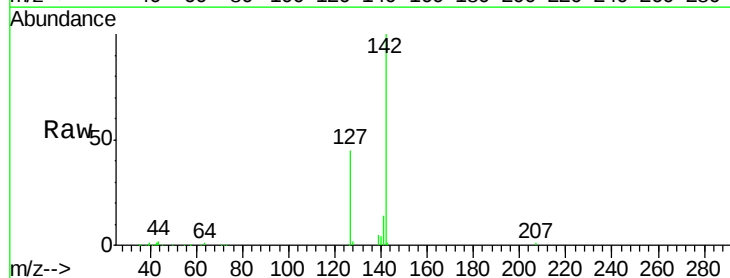
Tgt Ion:142 Resp: 60968

Ion Ratio Lower Upper

142 100

127 46.1 36.8 55.2

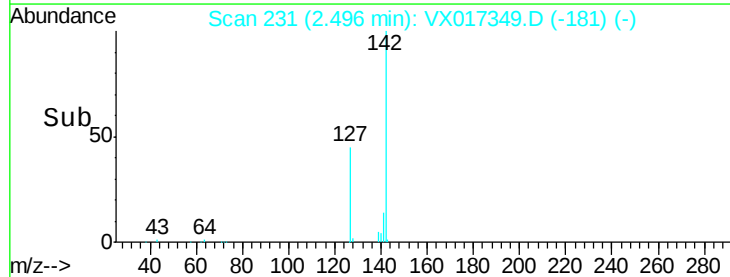
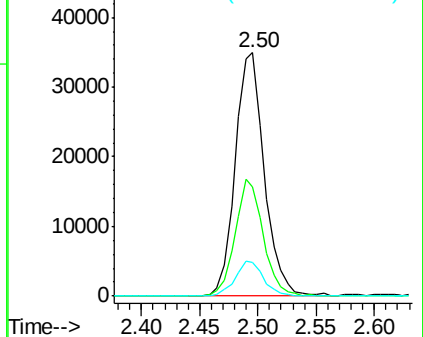
141 14.0 11.4 17.0

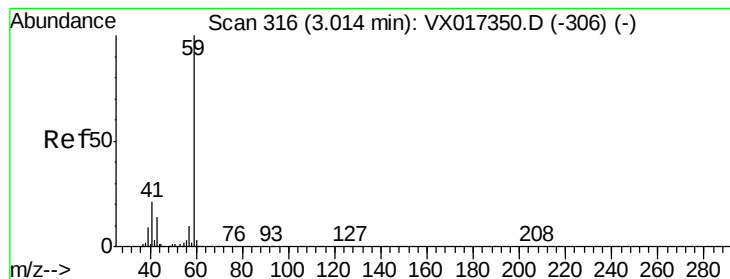


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



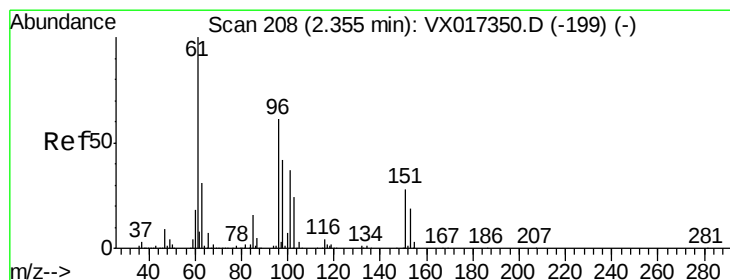
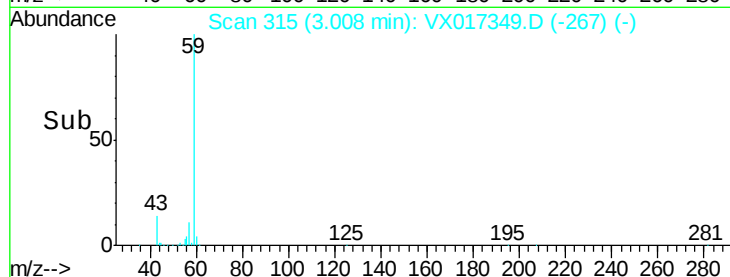
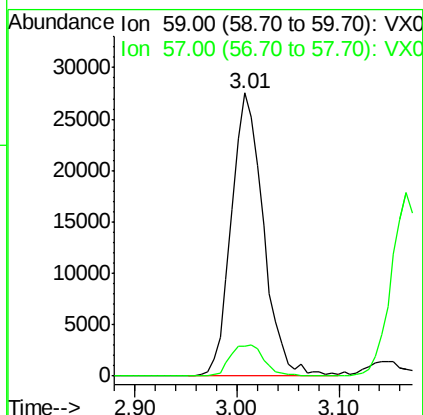
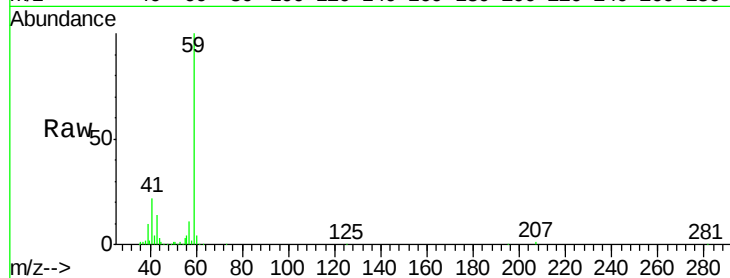


#11

Tert butyl alcohol
 Concen: 85.426 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX017349.D
 Acq: 13 Jul 2020 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

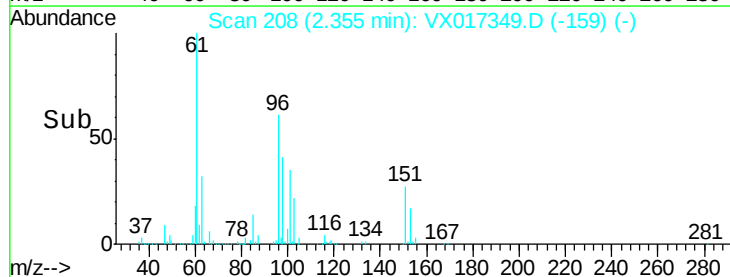
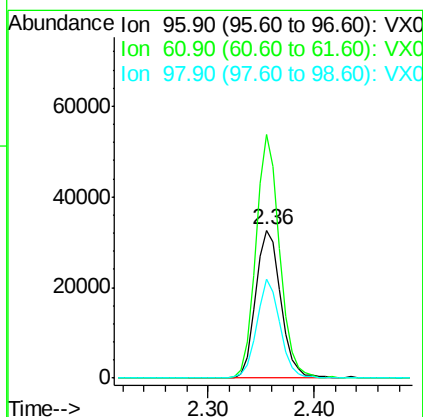
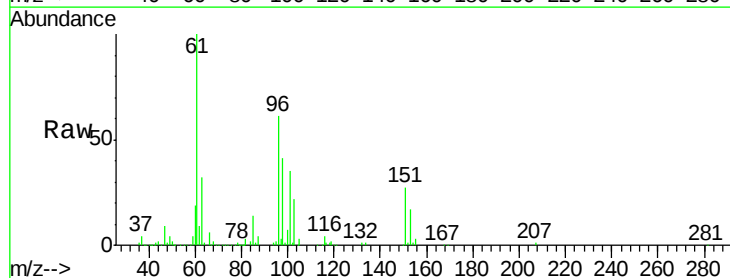
Tgt Ion: 59 Resp: 59886
 Ion Ratio Lower Upper
 59 100
 57 11.9 8.3 12.5

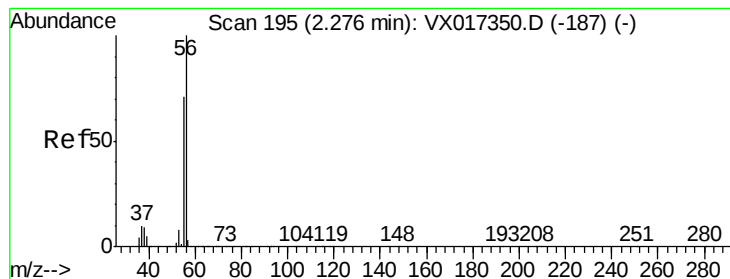


#12

1,1-Dichloroethene
 Concen: 18.298 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX017349.D
 Acq: 13 Jul 2020 11:01

Tgt Ion: 96 Resp: 54180
 Ion Ratio Lower Upper
 96 100
 61 164.9 131.5 197.3
 98 67.3 55.1 82.7





#13

Acrolein

Concen: 80.264 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

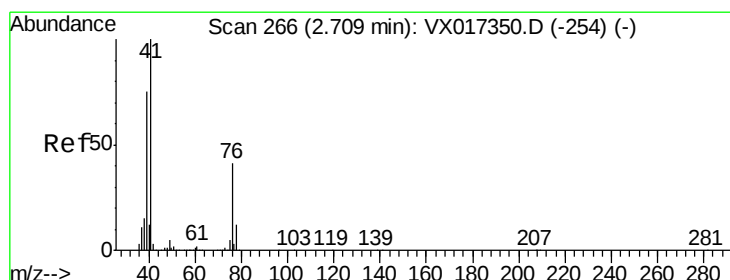
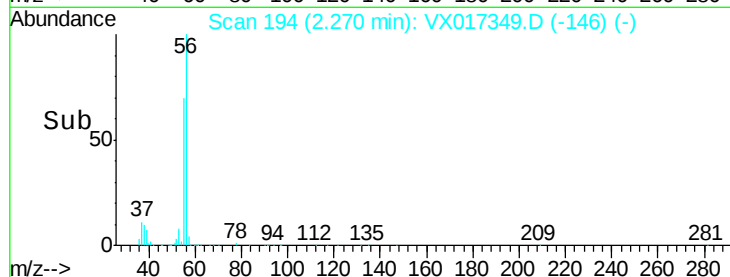
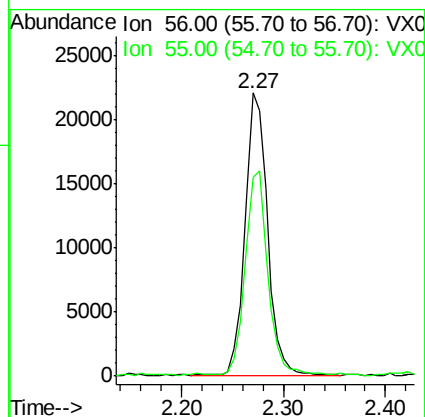
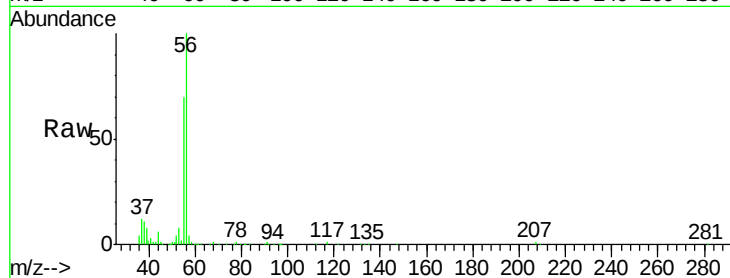
VSTDIC020

Tgt Ion: 56 Resp: 33393

Ion Ratio Lower Upper

56 100

55 71.9 57.1 85.7



#14

Allyl chloride

Concen: 16.411 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

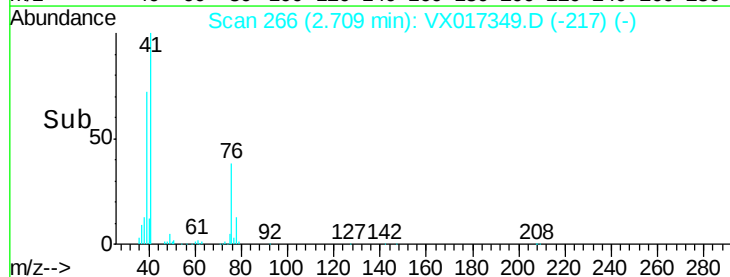
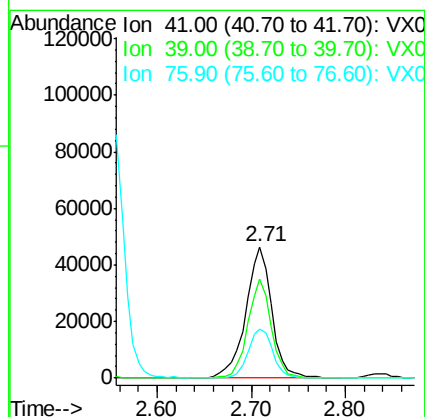
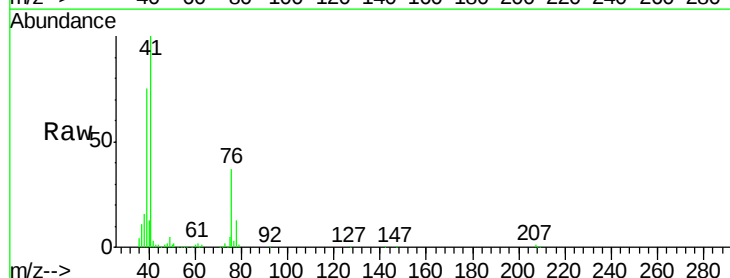
Tgt Ion: 41 Resp: 89320

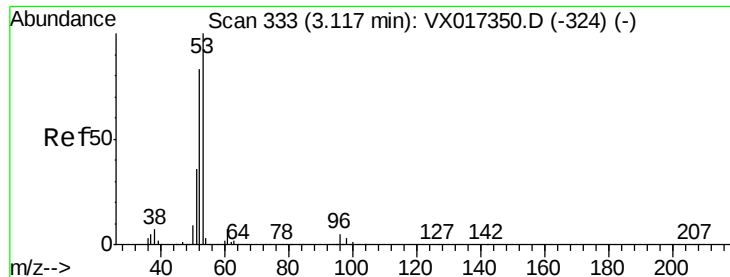
Ion Ratio Lower Upper

41 100

39 68.0 53.0 79.4

76 35.6 28.2 42.2

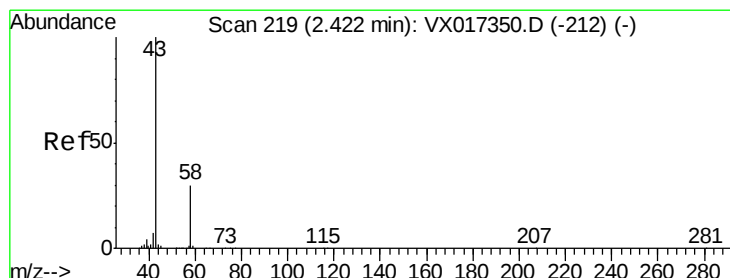
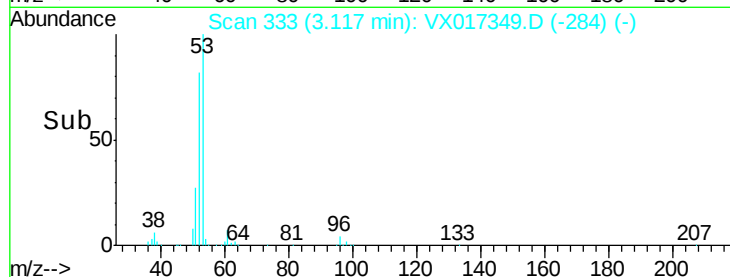
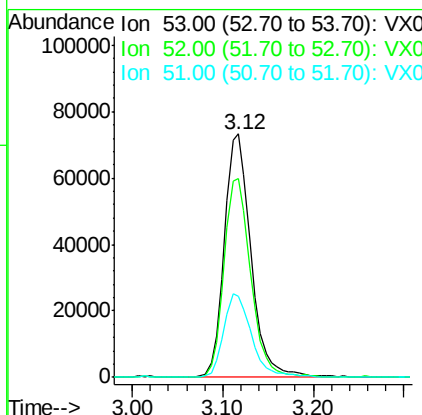
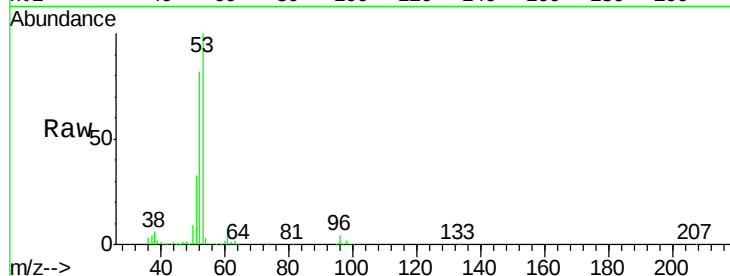




#15
Acrylonitrile
Concen: 88.712 ug/l
RT: 3.12 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

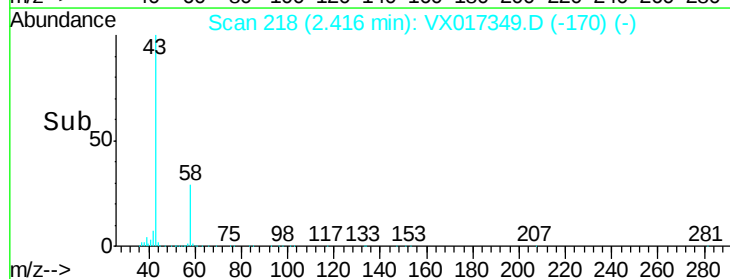
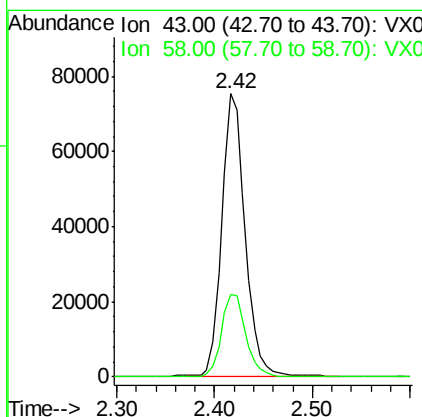
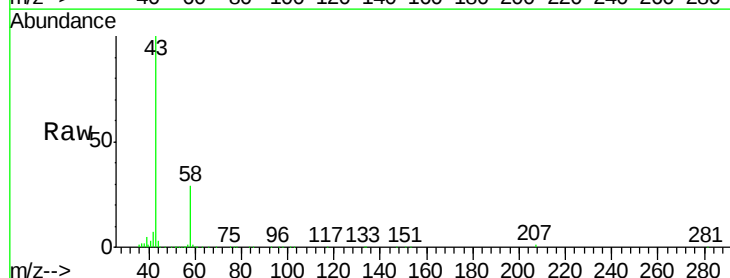
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

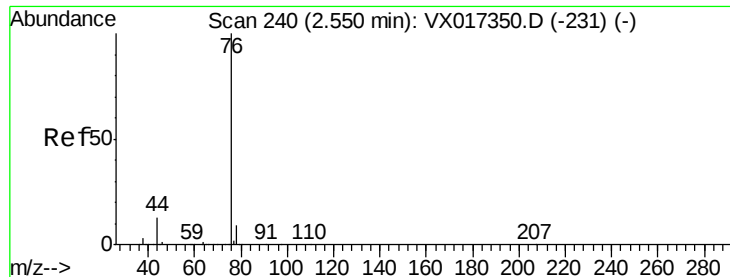
Tgt Ion: 53 Resp: 150123
Ion Ratio Lower Upper
53 100
52 81.9 65.8 98.6
51 36.1 29.2 43.8



#16
Acetone
Concen: 89.570 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

Tgt Ion: 43 Resp: 124319
Ion Ratio Lower Upper
43 100
58 29.0 24.2 36.2





#17

Carbon Disulfide

Concen: 16.980 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampled :

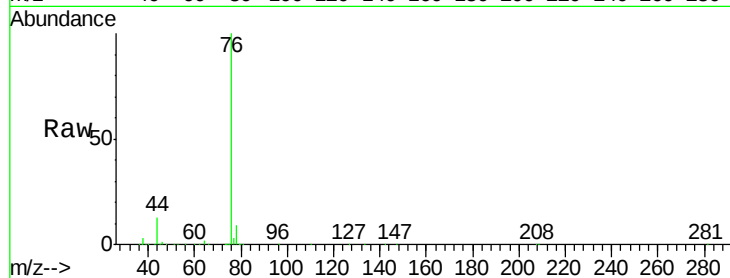
VSTDIC020

Tgt Ion: 76 Resp: 154259

Ion Ratio Lower Upper

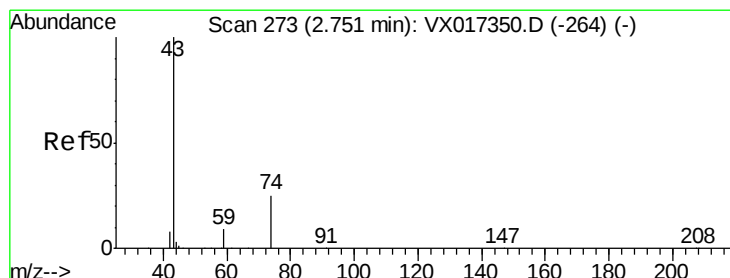
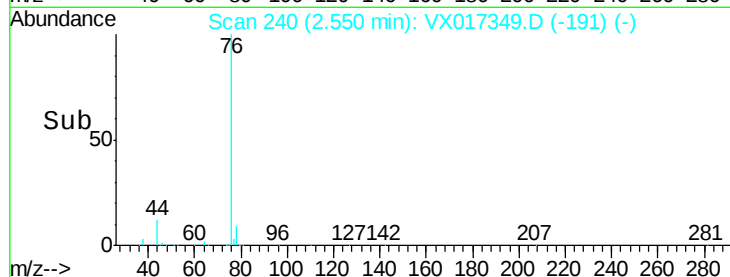
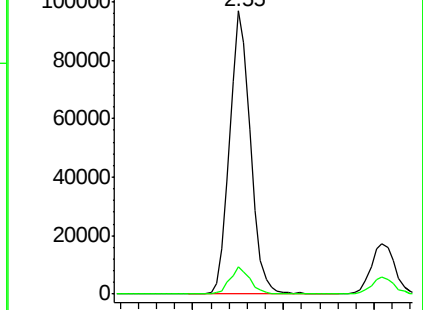
76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.371 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017349.D

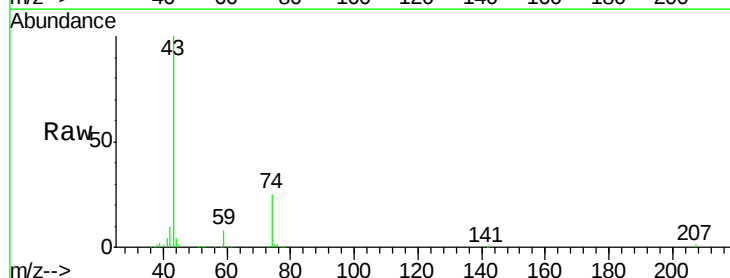
Acq: 13 Jul 2020 11:01

Tgt Ion: 43 Resp: 62400

Ion Ratio Lower Upper

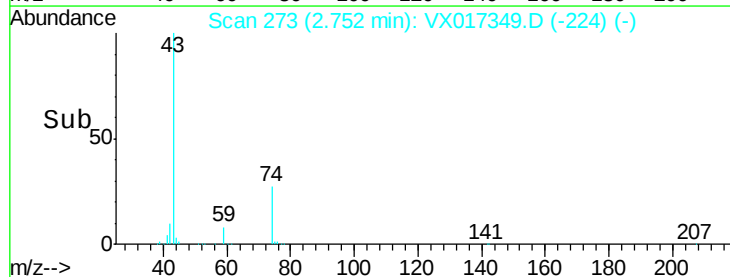
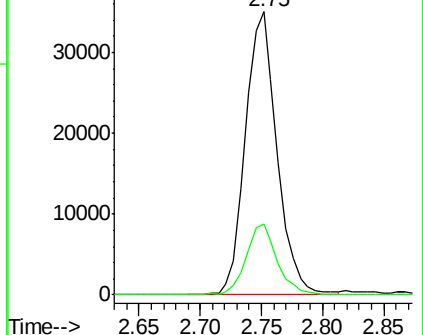
43 100

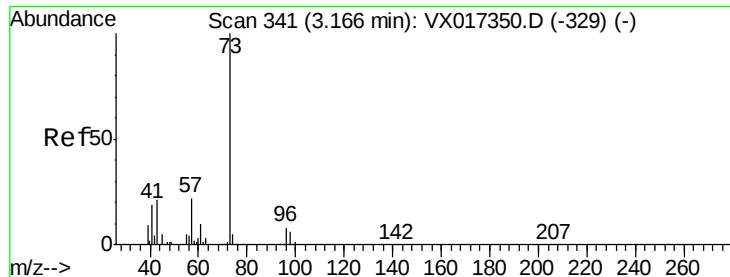
74 25.0 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



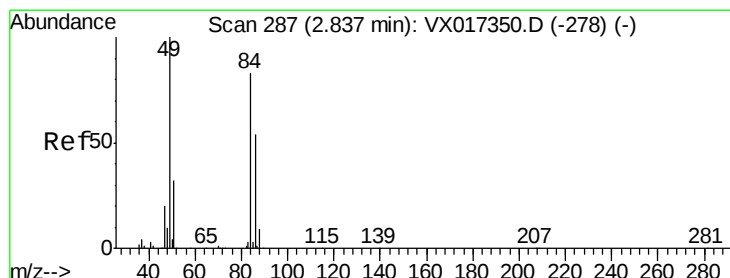
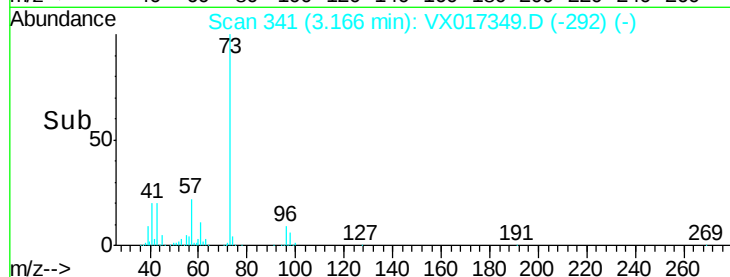
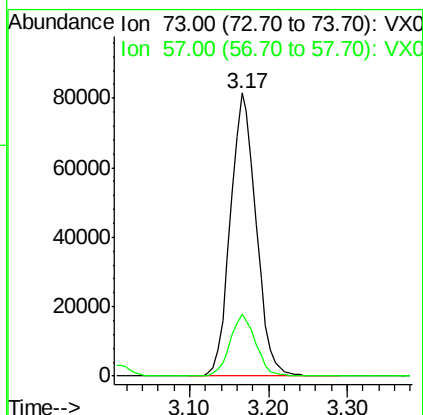
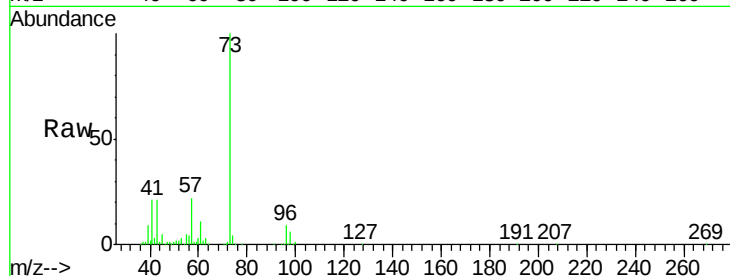


#19

Methyl tert-butyl Ether
 Concen: 18.538 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017349.D
 Acq: 13 Jul 2020 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

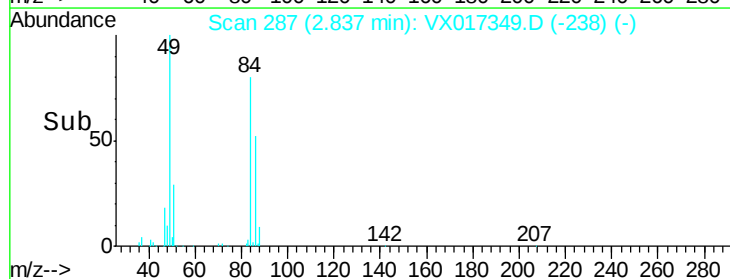
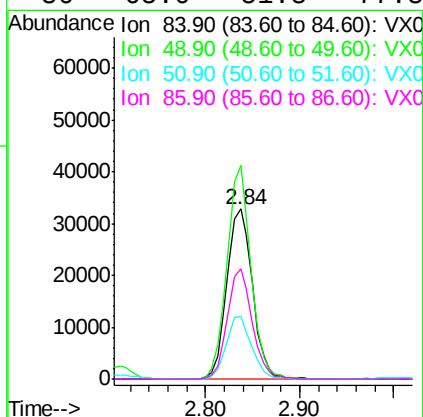
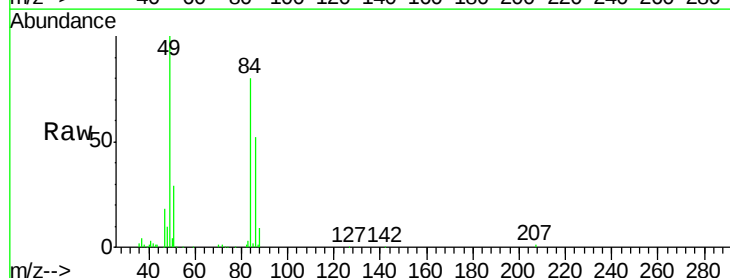
Tgt Ion: 73 Resp: 185126
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.5 26.3

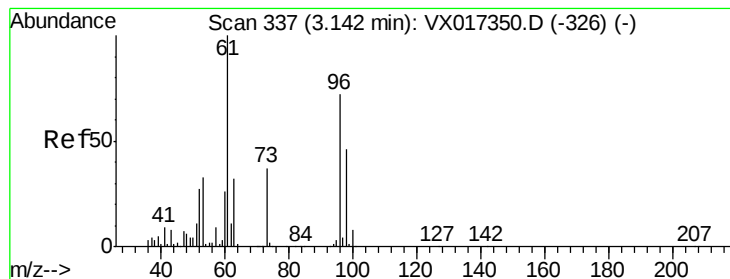


#20

Methylene Chloride
 Concen: 17.611 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017349.D
 Acq: 13 Jul 2020 11:01

Tgt Ion: 84 Resp: 62058
 Ion Ratio Lower Upper
 84 100
 49 125.5 95.8 143.8
 51 36.9 31.0 46.4
 86 65.0 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 18.252 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

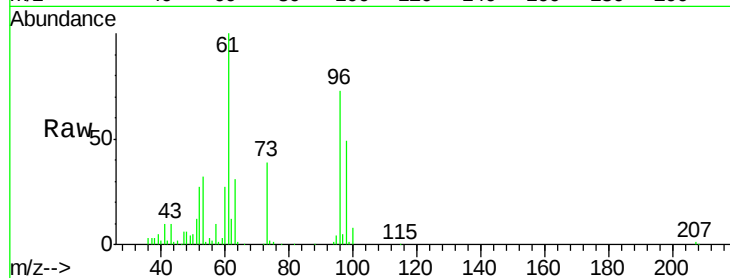
Tgt Ion: 96 Resp: 60349

Ion Ratio Lower Upper

96 100

61 137.5 111.1 166.7

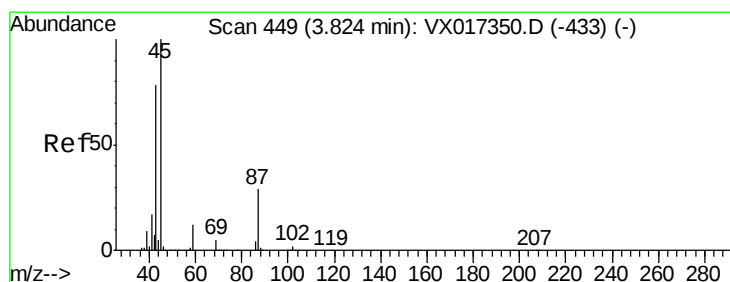
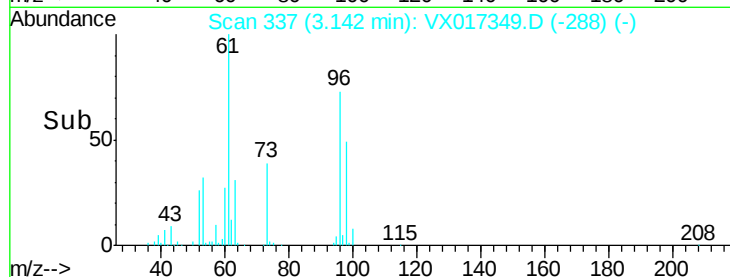
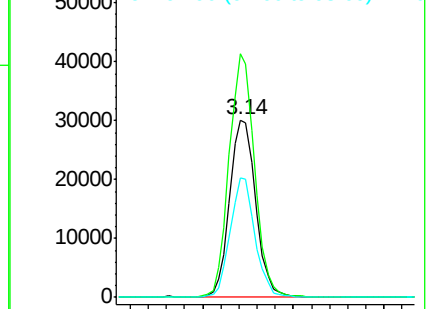
98 67.2 51.4 77.0



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



#22

Diisopropyl ether

Concen: 18.012 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Tgt Ion: 45 Resp: 181310

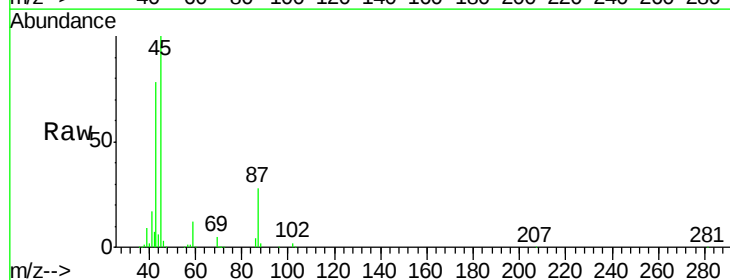
Ion Ratio Lower Upper

45 100

43 77.9 62.2 93.2

87 27.7 23.0 34.6

59 11.5 9.6 14.4

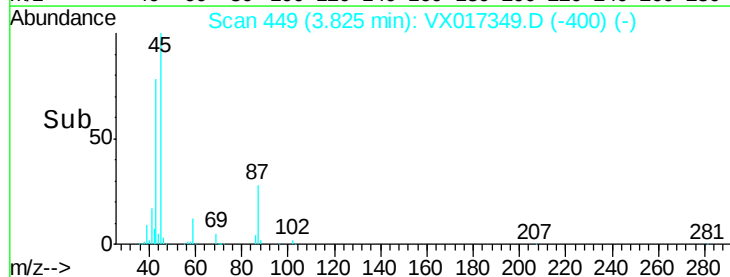
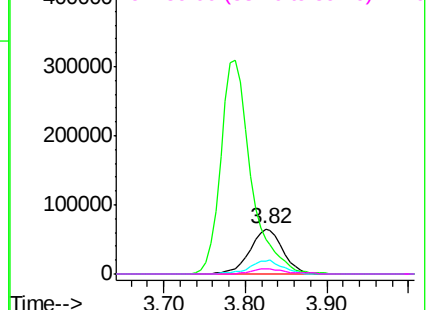


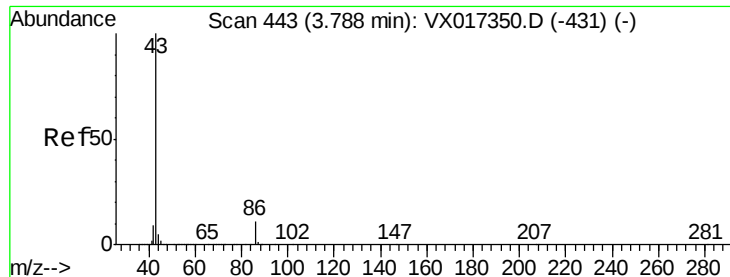
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 91.898 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

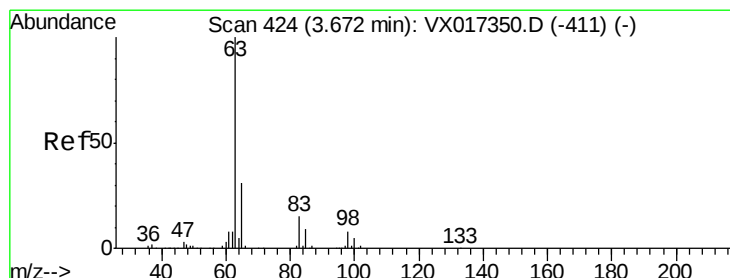
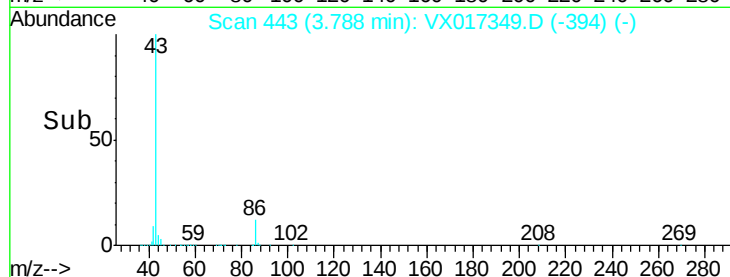
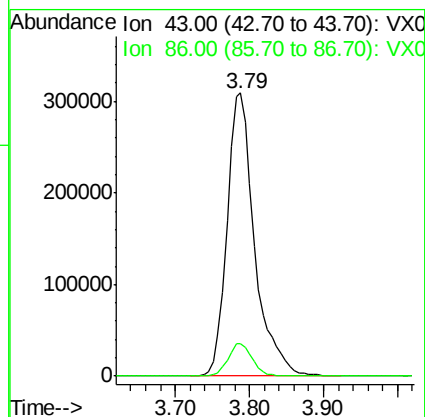
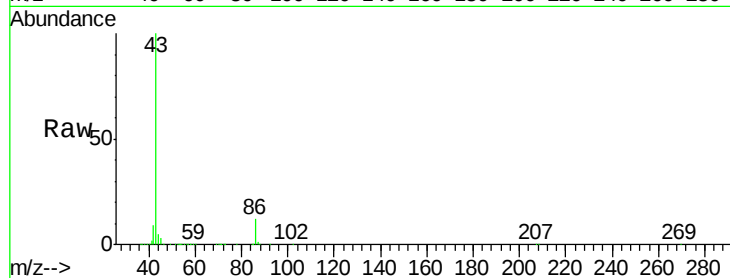
VSTDIC020

Tgt Ion: 43 Resp: 798037

Ion Ratio Lower Upper

43 100

86 11.5 9.0 13.4



#24

1,1-Dichloroethane

Concen: 18.113 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

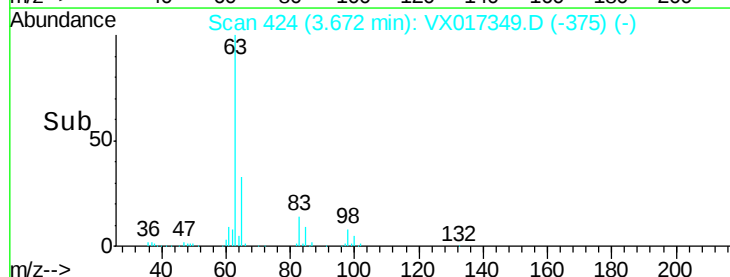
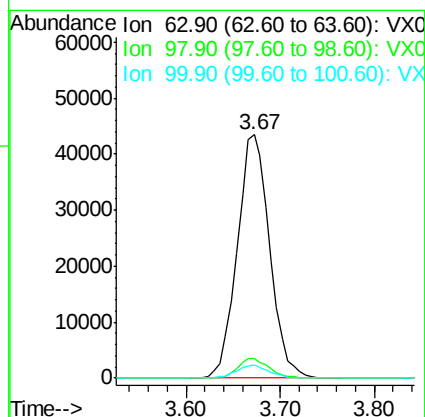
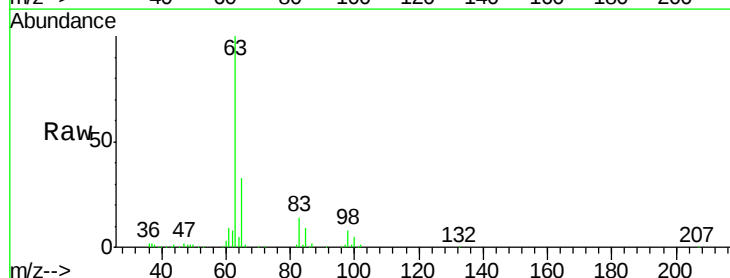
Tgt Ion: 63 Resp: 104208

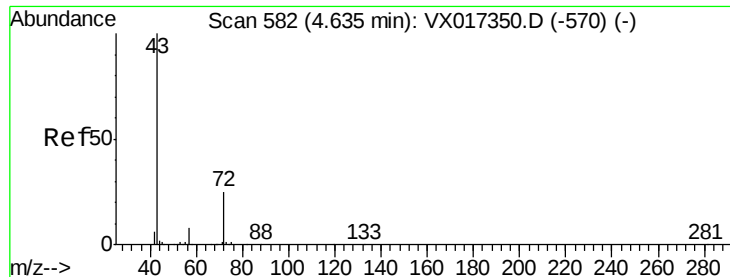
Ion Ratio Lower Upper

63 100

98 8.2 3.9 11.5

100 5.2 2.5 7.5





#25

2-Butanone

Concen: 89.736 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

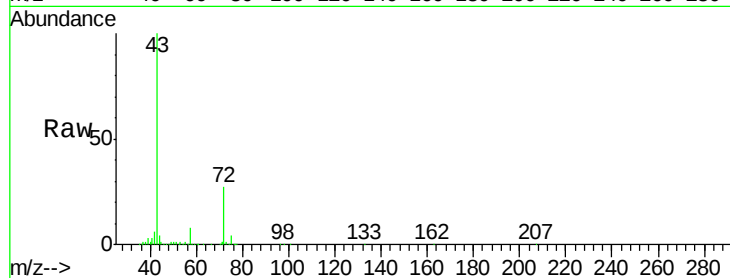
VSTDIC020

Tgt Ion: 43 Resp: 206073

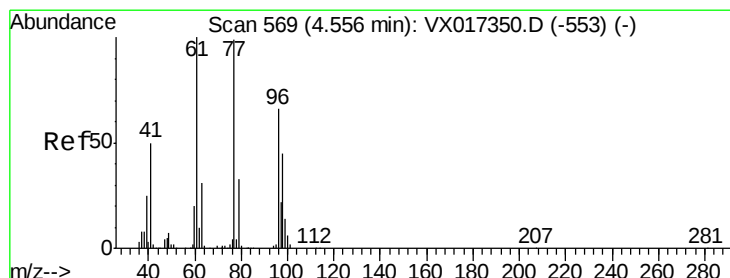
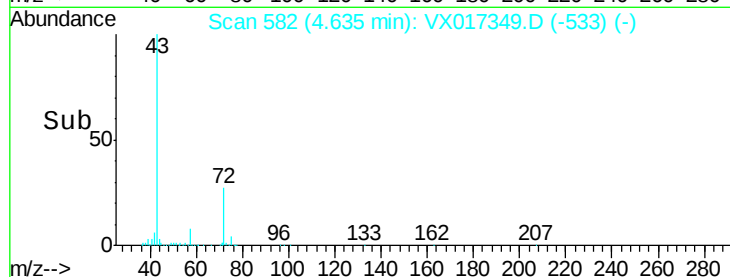
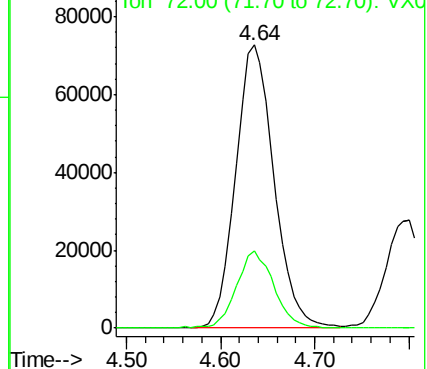
Ion Ratio Lower Upper

43 100

72 27.0 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VX0



#26

2,2-Dichloropropane

Concen: 18.748 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX017349.D

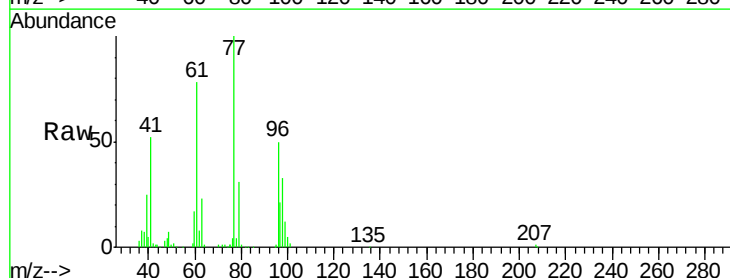
Acq: 13 Jul 2020 11:01

Tgt Ion: 77 Resp: 96839

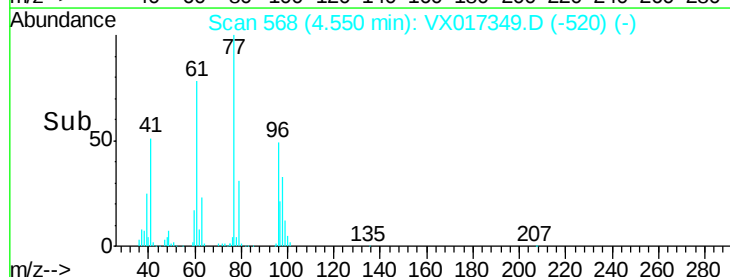
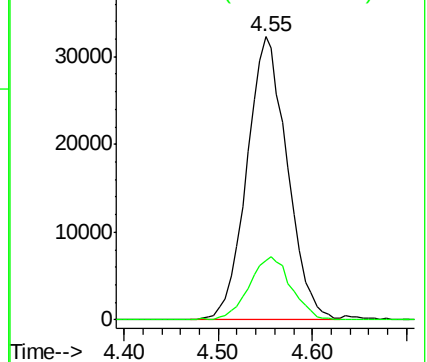
Ion Ratio Lower Upper

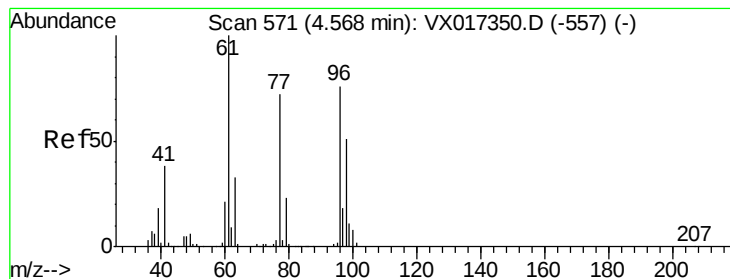
77 100

97 23.3 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VX0



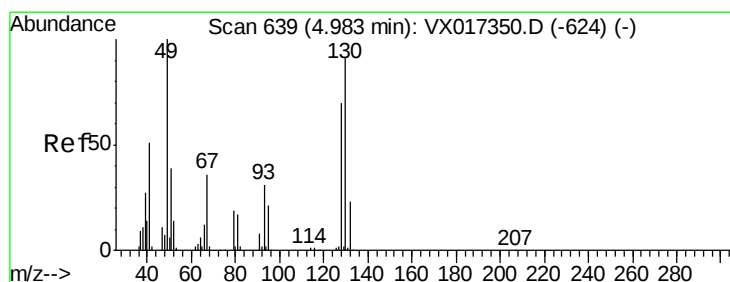
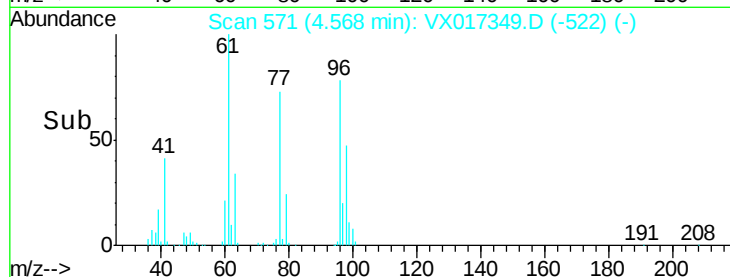
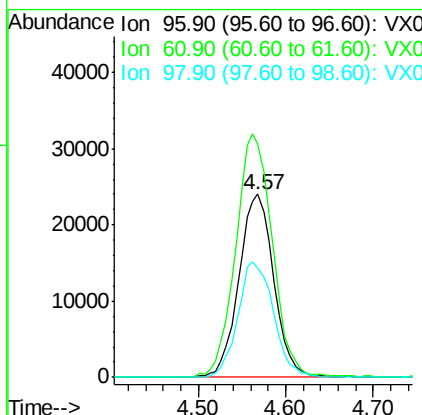
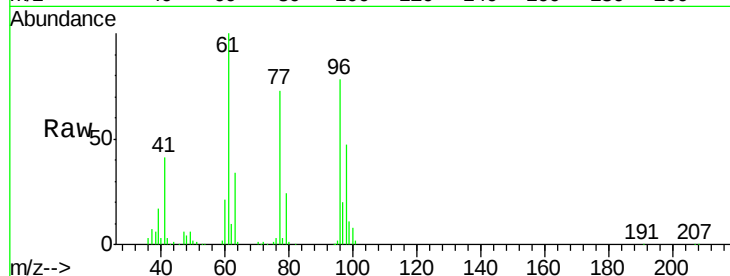


#27

cis-1,2-Dichloroethene
Concen: 17.823 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

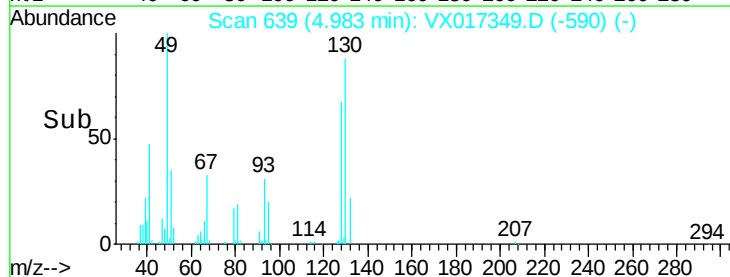
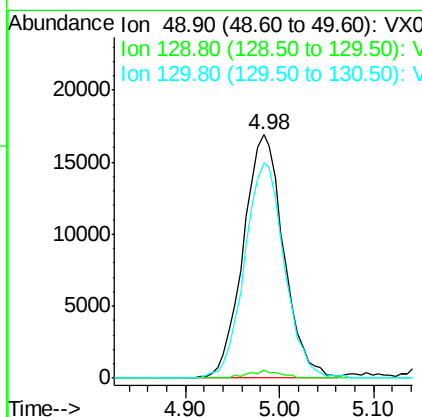
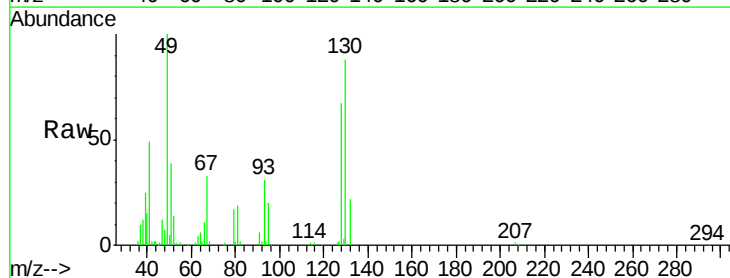
Tgt Ion: 96 Resp: 66381
Ion Ratio Lower Upper
96 100
61 141.1 0.0 281.2
98 64.5 0.0 131.4

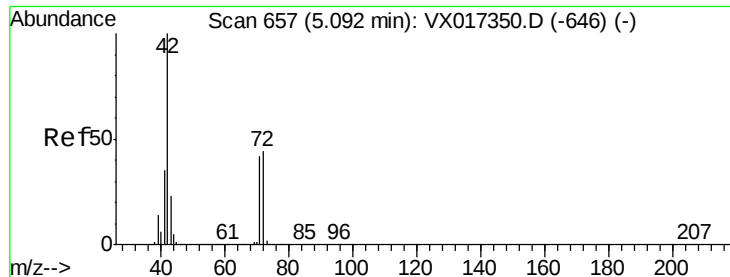


#28

Bromochloromethane
Concen: 18.148 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

Tgt Ion: 49 Resp: 50626
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.8
130 87.1 71.1 106.7

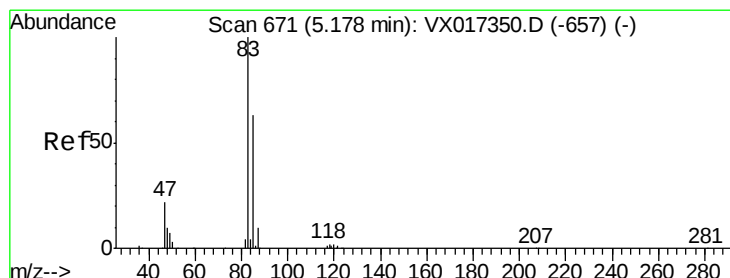
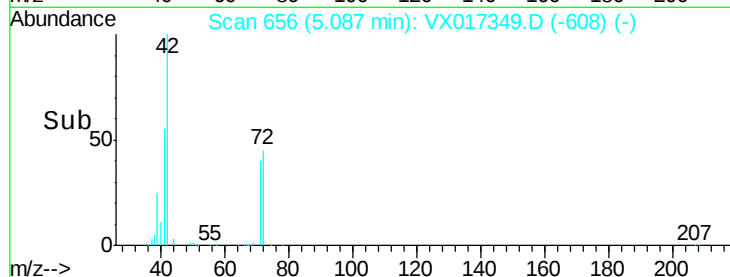
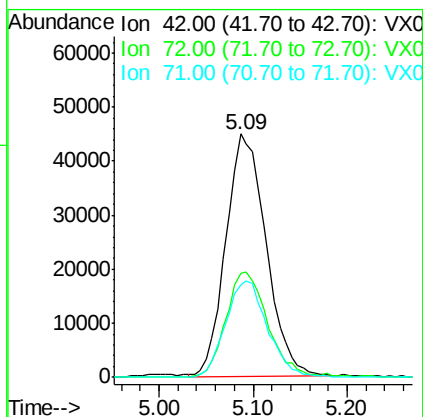
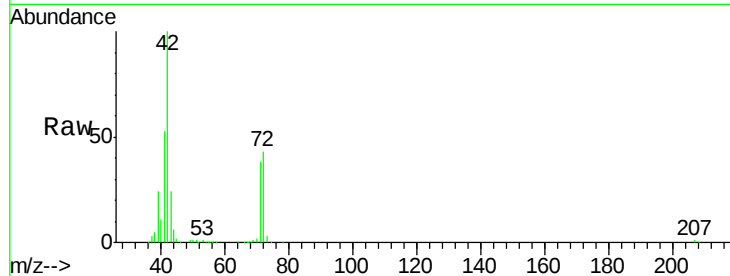




#29
Tetrahydrofuran
Concen: 88.371 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

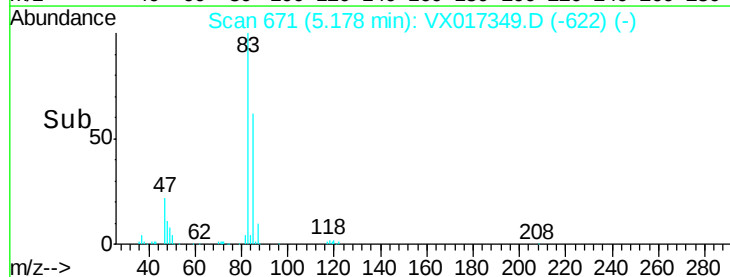
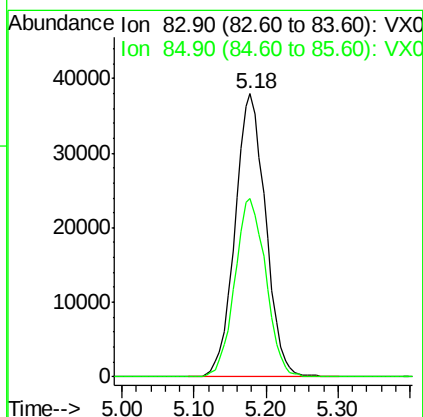
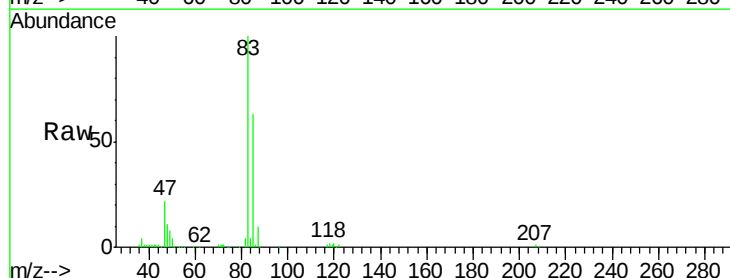
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

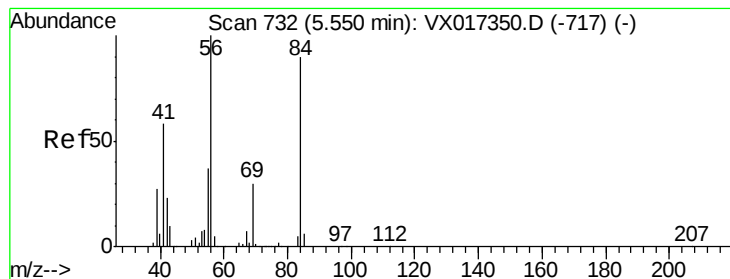
Tgt Ion: 42 Resp: 133500
Ion Ratio Lower Upper
42 100
72 45.1 37.2 55.8
71 41.7 34.4 51.6



#30
Chloroform
Concen: 18.812 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

Tgt Ion: 83 Resp: 111876
Ion Ratio Lower Upper
83 100
85 62.9 50.2 75.4





#31

Cyclohexane

Concen: 17.074 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

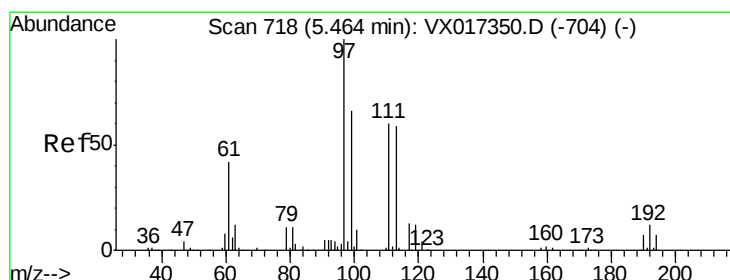
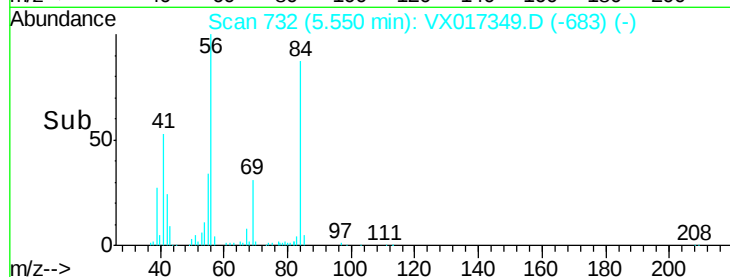
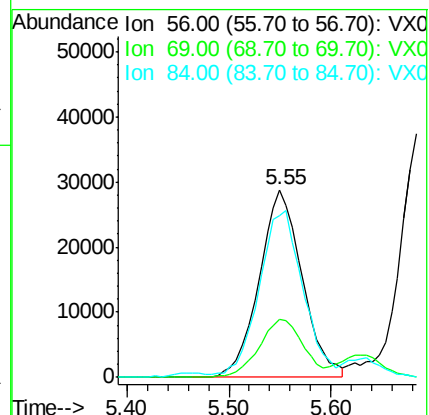
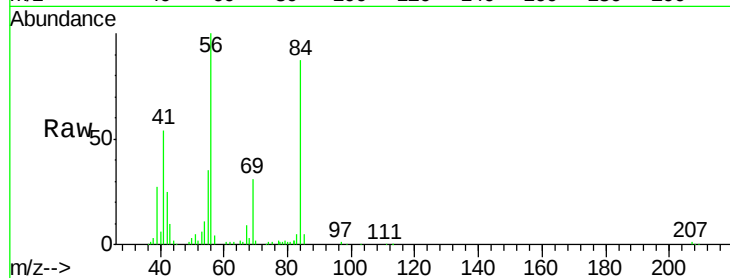
Tgt Ion: 56 Resp: 84042

Ion Ratio Lower Upper

56 100

69 31.0 23.7 35.5

84 84.1 71.8 107.6



#32

1,1,1-Trichloroethane

Concen: 18.936 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

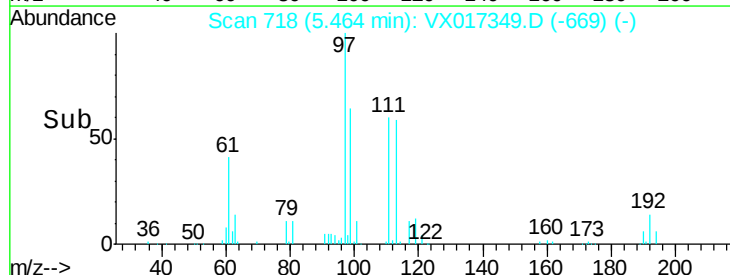
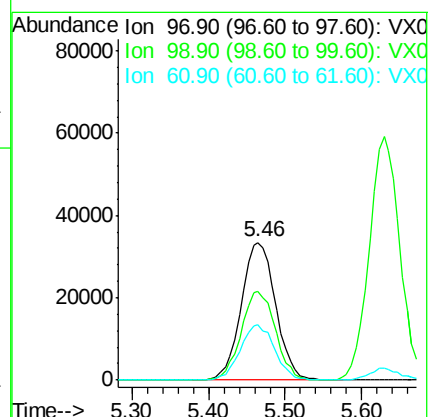
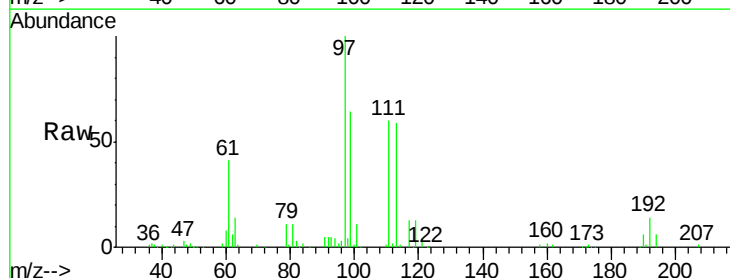
Tgt Ion: 97 Resp: 104184

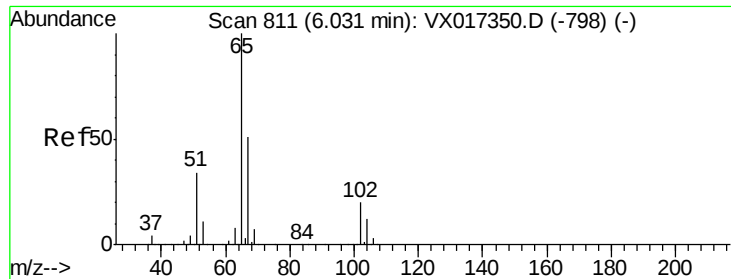
Ion Ratio Lower Upper

97 100

99 64.4 51.2 76.8

61 40.5 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 18.900 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

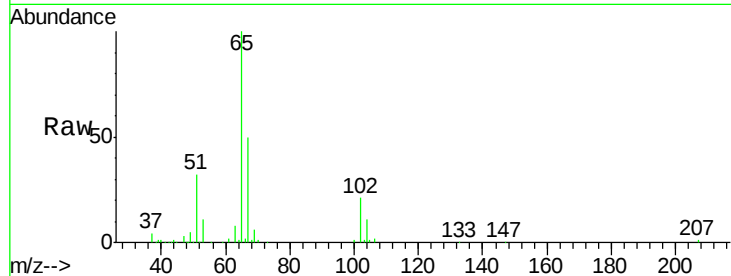
VSTDIC020

Tgt Ion: 65 Resp: 71298

Ion Ratio Lower Upper

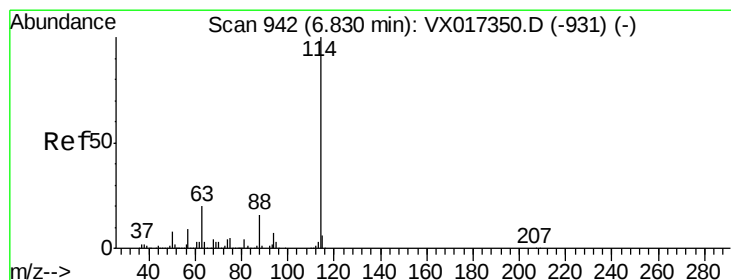
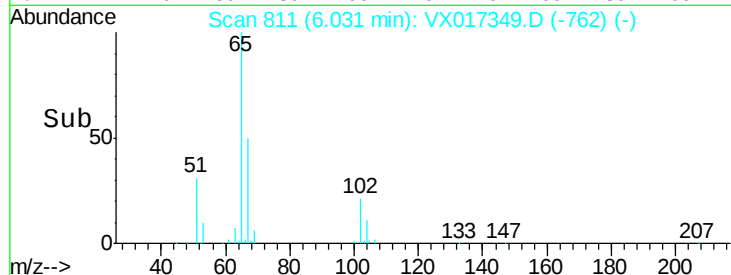
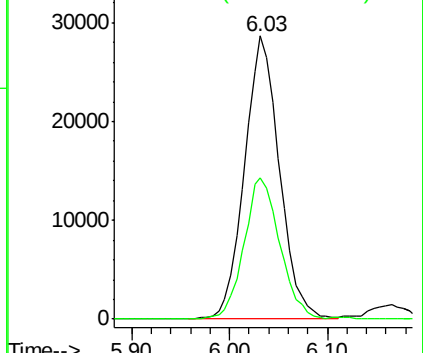
65 100

67 51.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

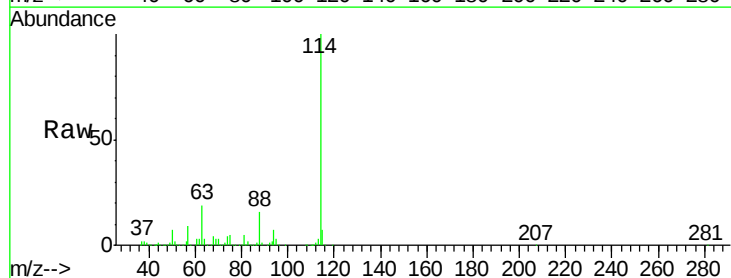
Tgt Ion: 114 Resp: 458103

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

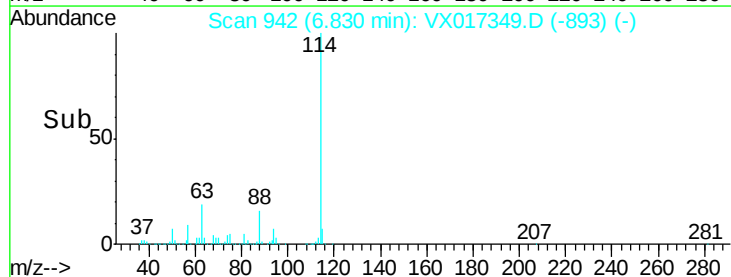
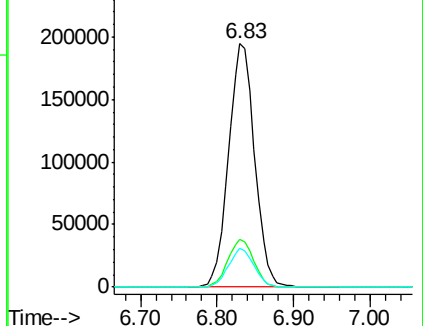
88 15.9 0.0 32.8

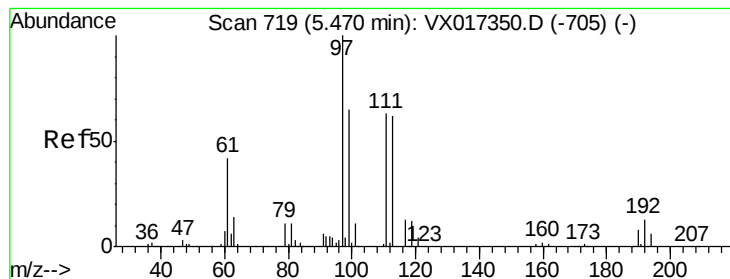


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 19.324 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

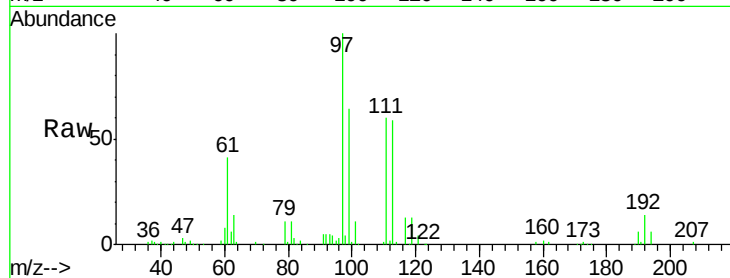
Tgt Ion:113 Resp: 56868

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

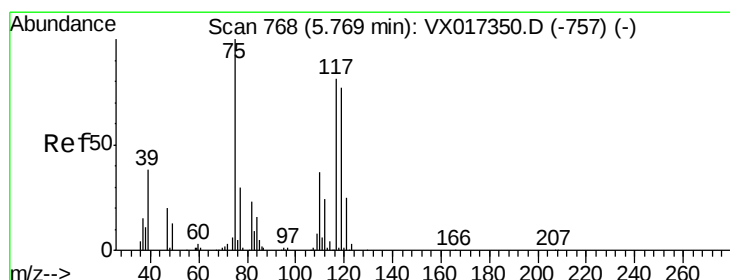
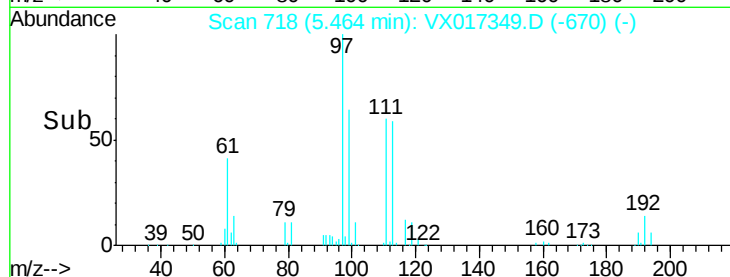
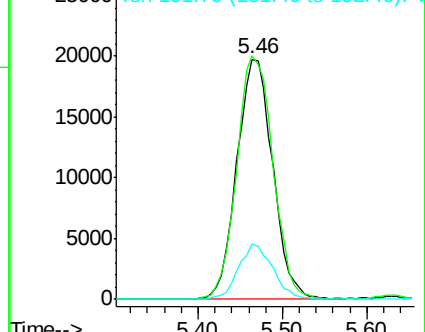
192 21.8 17.2 25.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.397 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

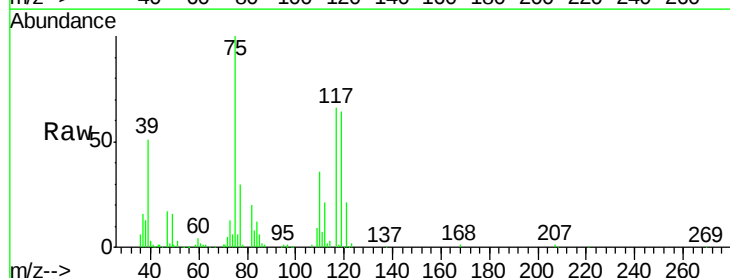
Tgt Ion: 75 Resp: 79681

Ion Ratio Lower Upper

75 100

110 37.1 18.6 55.8

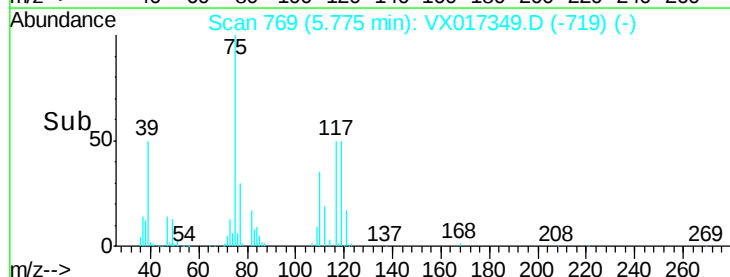
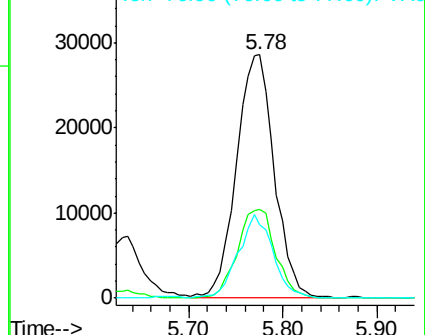
77 31.8 24.9 37.3

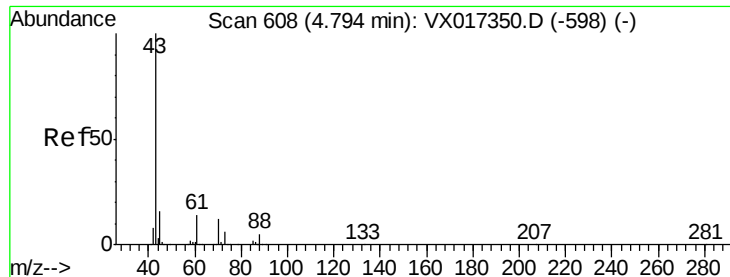


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

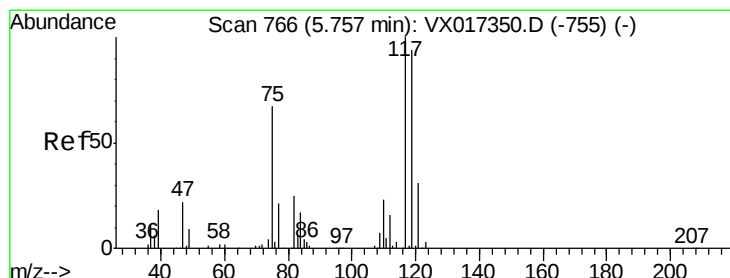
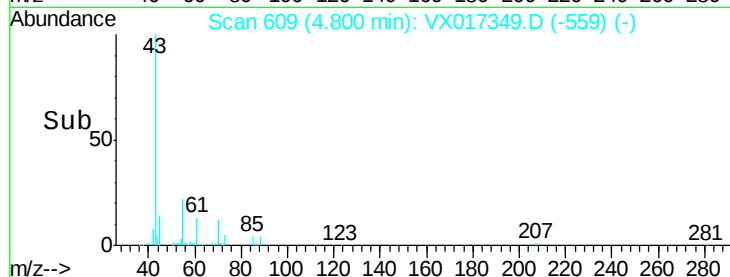
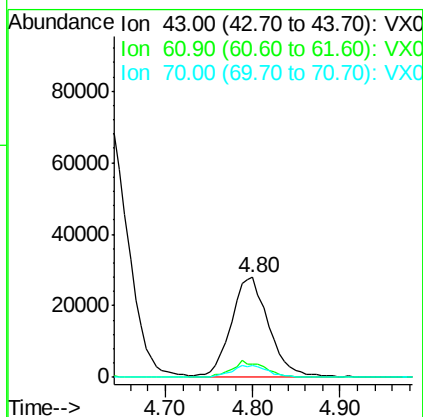
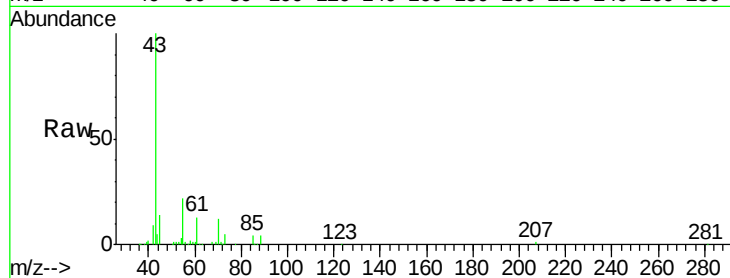




#37
Ethyl Acetate
Concen: 18.884 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

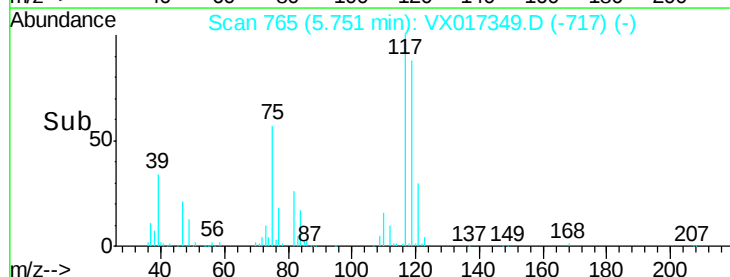
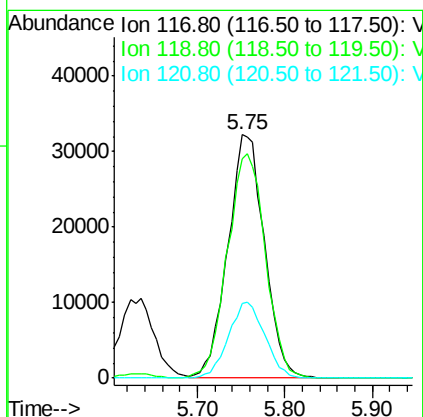
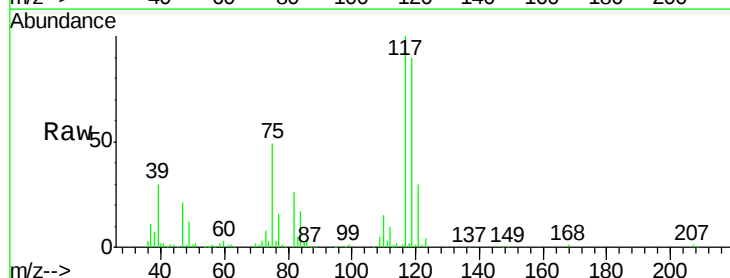
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

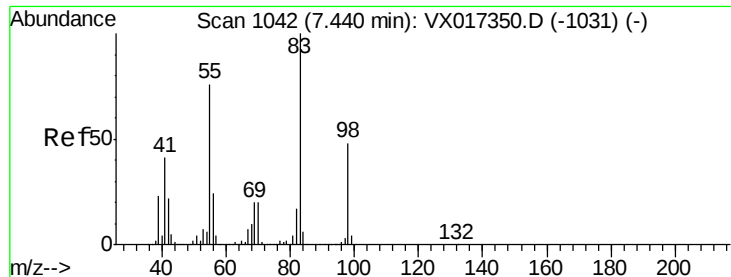
Tgt Ion: 43 Resp: 82516
Ion Ratio Lower Upper
43 100
61 14.9 10.7 16.1
70 12.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.463 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

Tgt Ion: 117 Resp: 93801
Ion Ratio Lower Upper
117 100
119 89.5 74.7 112.1
121 30.4 24.5 36.7

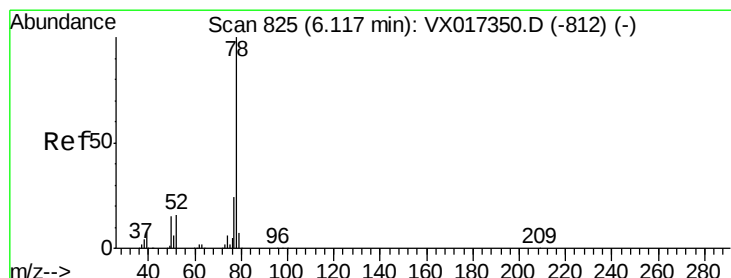
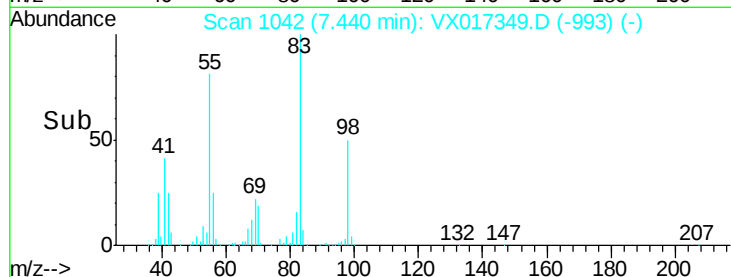
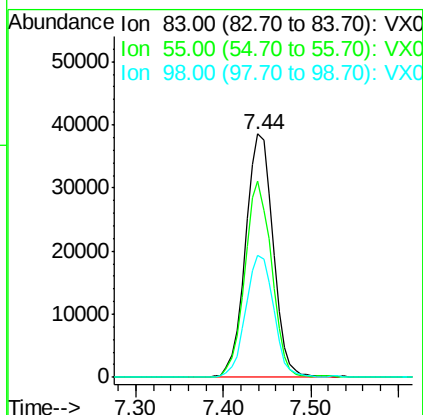
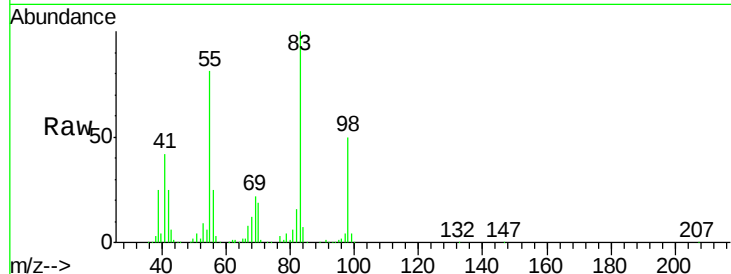




#39
Methylcyclohexane
Concen: 17.642 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

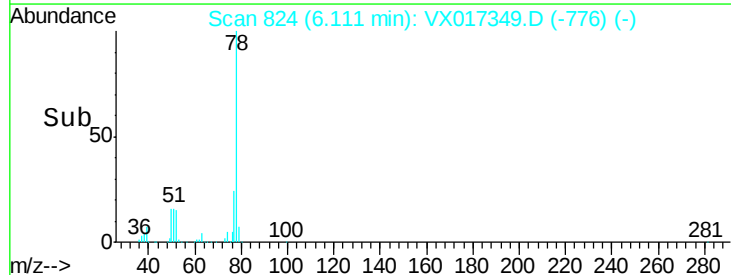
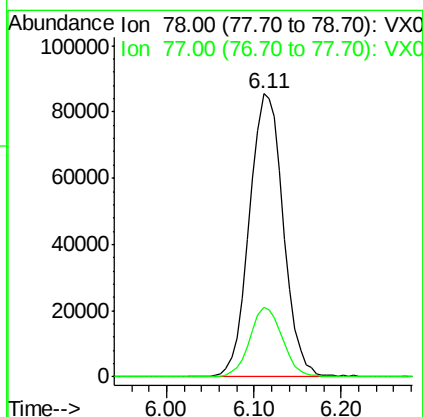
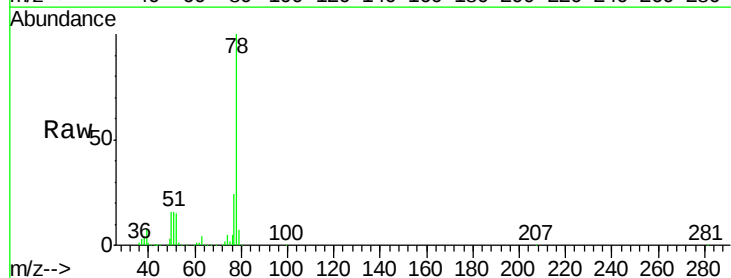
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

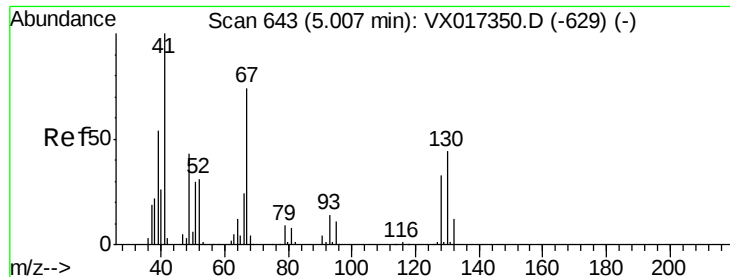
Tgt Ion: 83 Resp: 84612
Ion Ratio Lower Upper
83 100
55 80.6 61.2 91.8
98 50.1 38.1 57.1



#40
Benzene
Concen: 18.200 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

Tgt Ion: 78 Resp: 230897
Ion Ratio Lower Upper
78 100
77 24.5 18.9 28.3

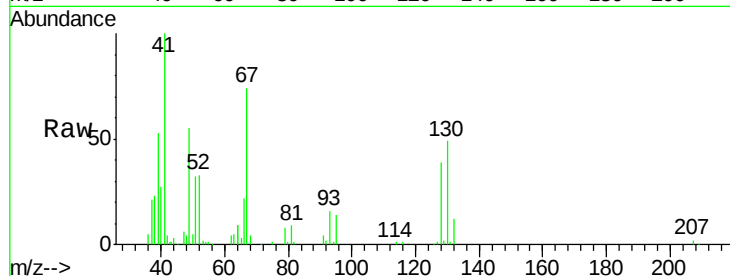




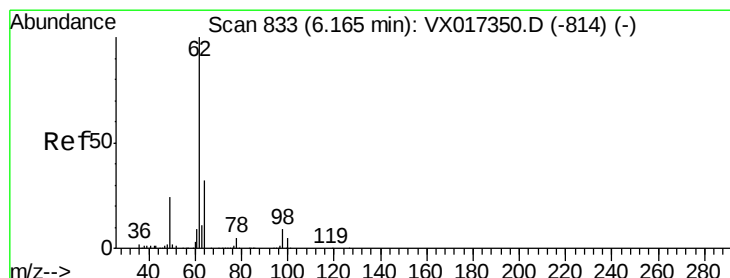
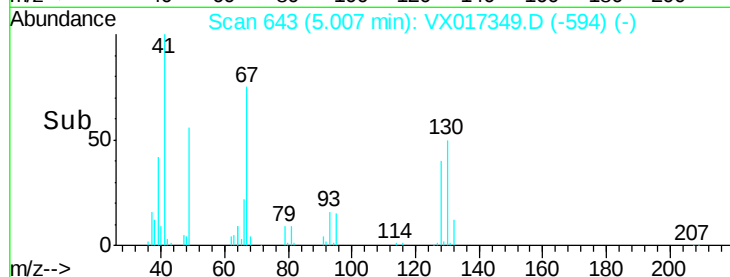
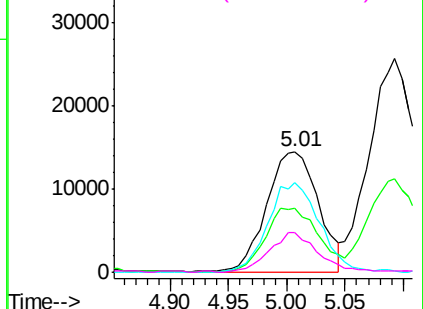
#41
Methacrylonitrile
Concen: 18.029 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 44347
Ion Ratio Lower Upper
41 100
39 55.7 43.8 65.8
67 74.2 58.7 88.1
52 31.7 24.9 37.3

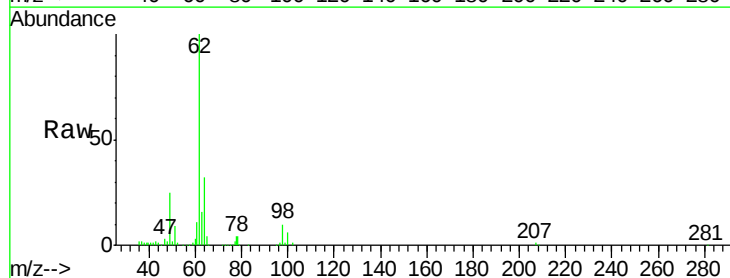


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

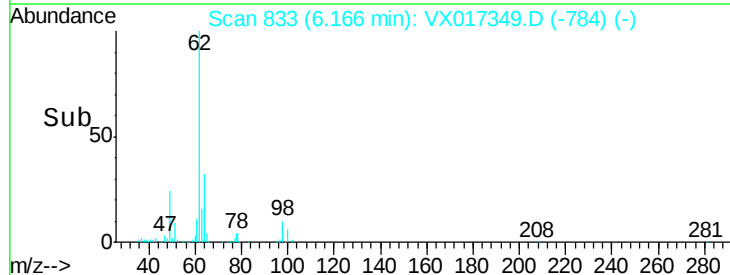
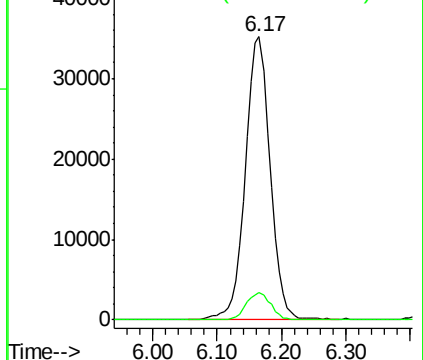


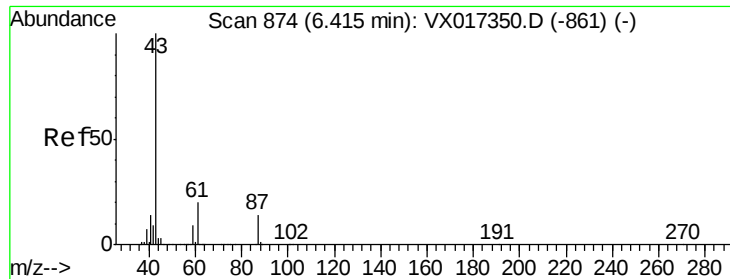
#42
1,2-Dichloroethane
Concen: 20.016 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

Tgt Ion: 62 Resp: 92718
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

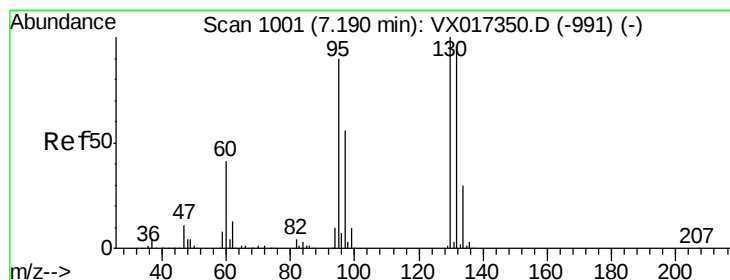
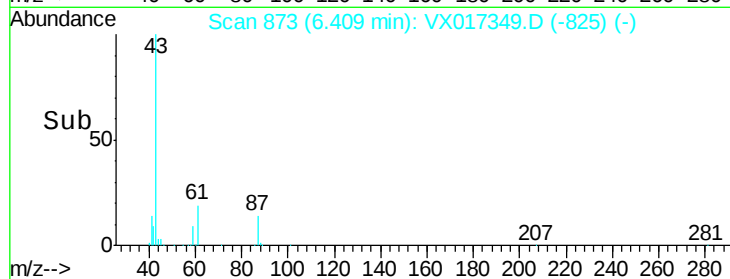
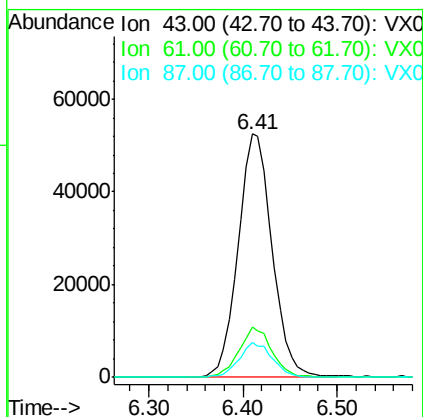
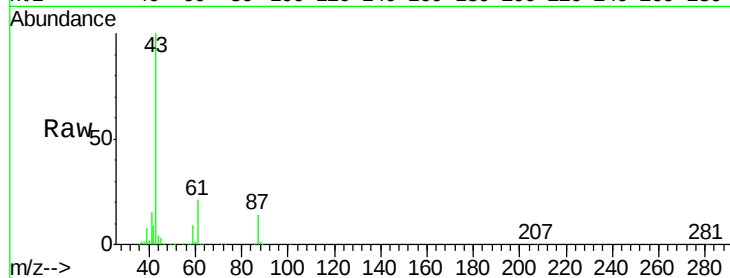




#43
Isopropyl Acetate
Concen: 18.101 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

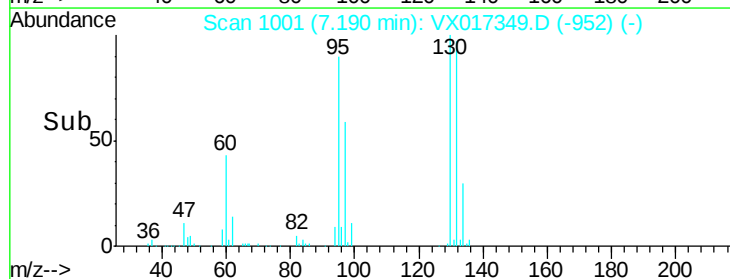
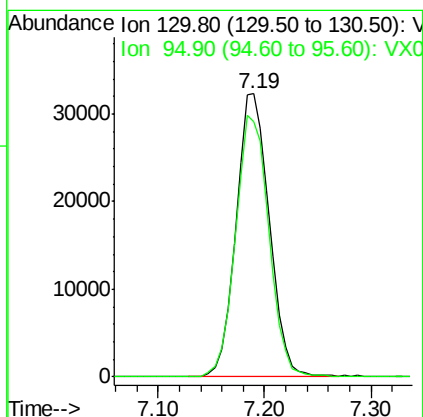
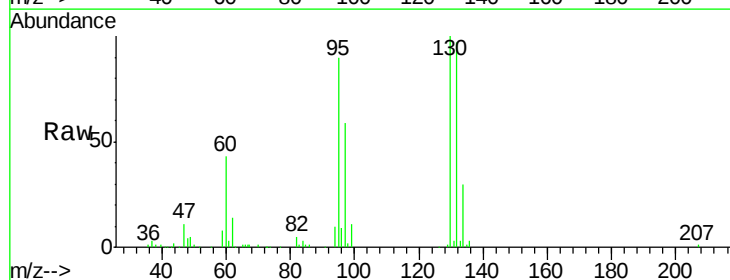
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

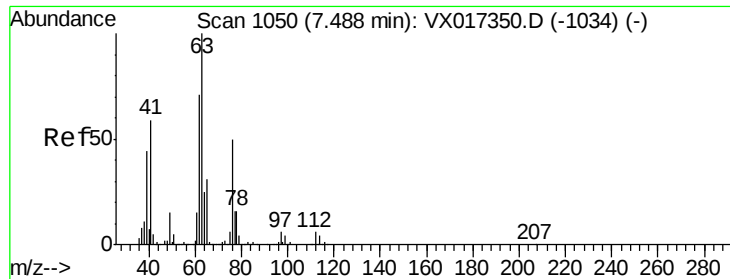
Tgt Ion: 43 Resp: 131618
Ion Ratio Lower Upper
43 100
61 20.1 16.4 24.6
87 14.0 11.2 16.8



#44
Trichloroethene
Concen: 18.386 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

Tgt Ion: 130 Resp: 70766
Ion Ratio Lower Upper
130 100
95 90.0 0.0 180.2





#45

1,2-Dichloropropane

Concen: 18.247 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

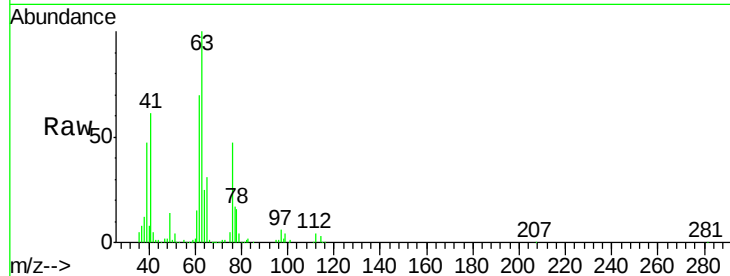
VSTDIC020

Tgt Ion: 63 Resp: 59420

Ion Ratio Lower Upper

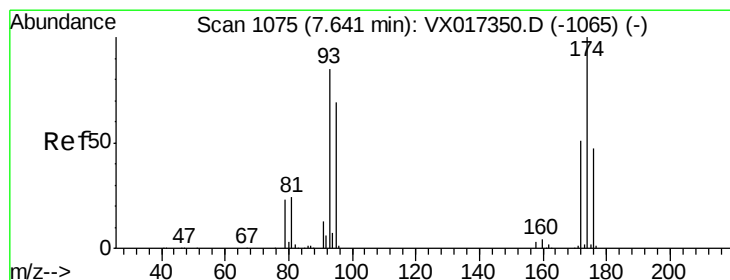
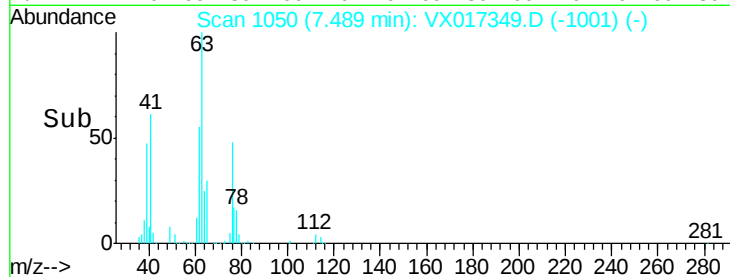
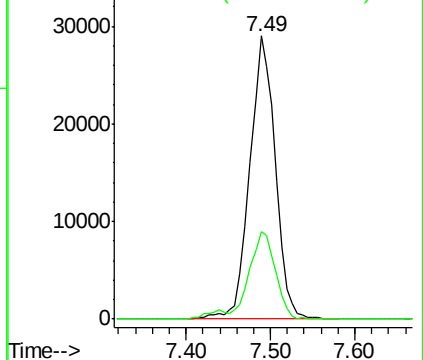
63 100

65 31.0 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.375 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

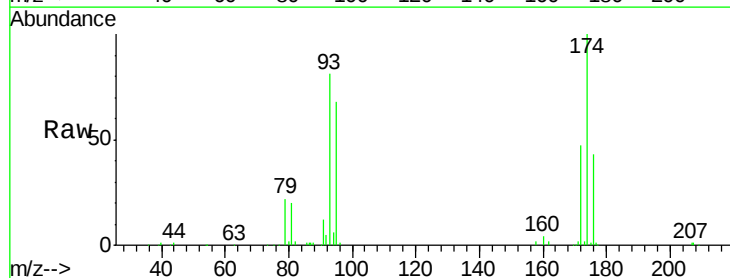
Tgt Ion: 93 Resp: 43363

Ion Ratio Lower Upper

93 100

95 82.9 65.4 98.2

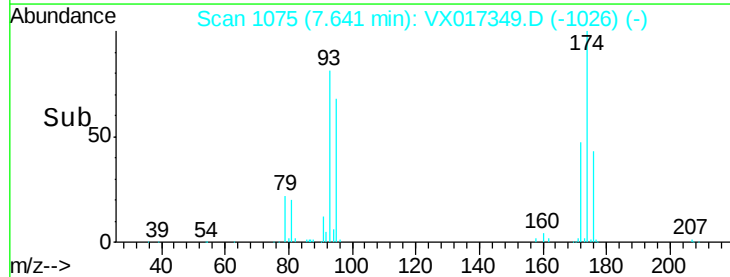
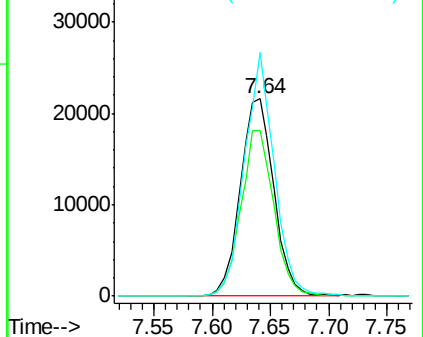
174 110.7 91.2 136.8

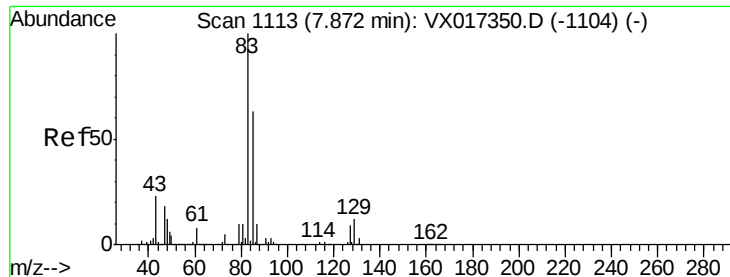


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.369 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

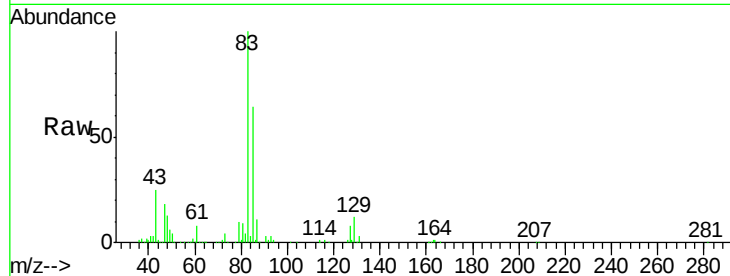
Tgt Ion: 83 Resp: 89541

Ion Ratio Lower Upper

83 100

85 64.1 50.2 75.4

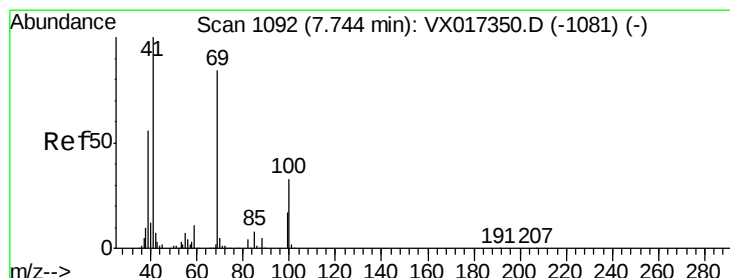
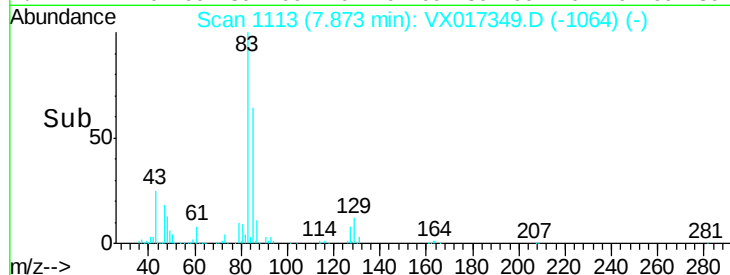
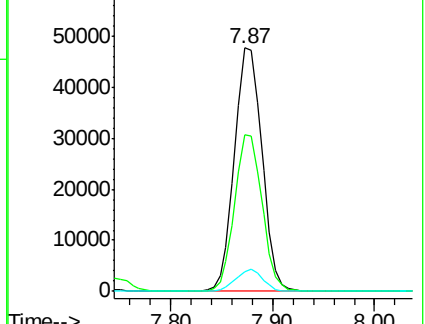
127 8.3 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.169 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

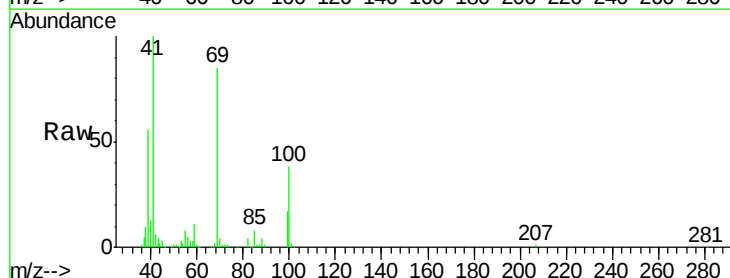
Tgt Ion: 41 Resp: 62705

Ion Ratio Lower Upper

41 100

69 85.1 67.8 101.6

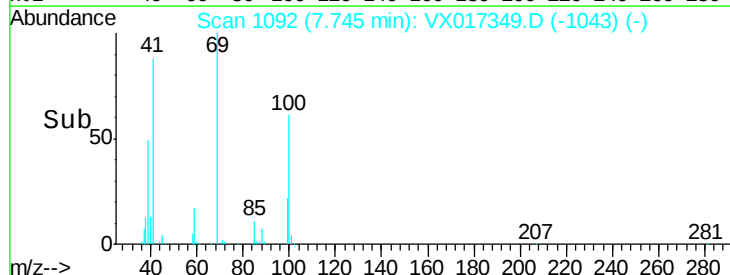
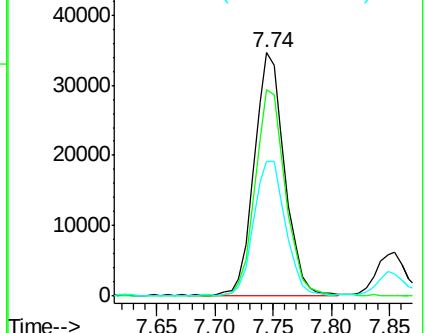
39 58.9 45.1 67.7

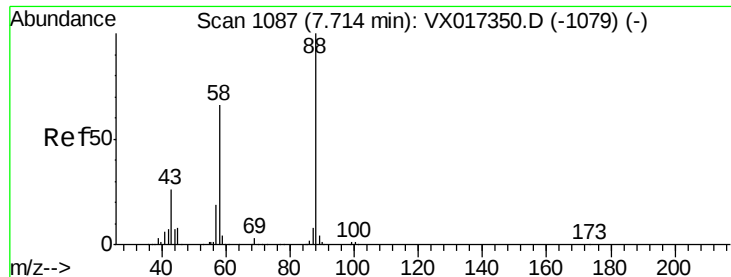


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

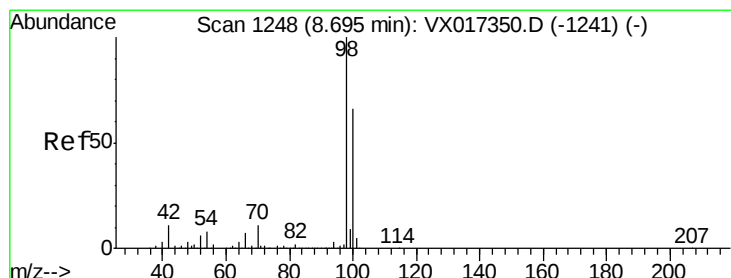
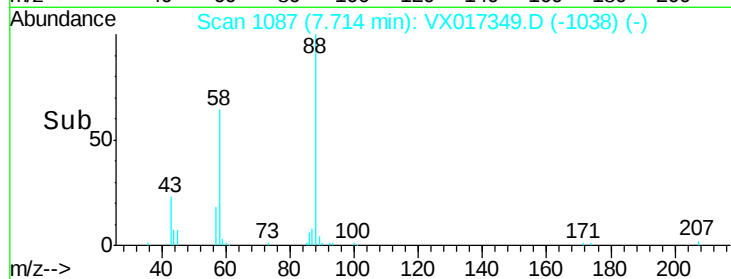
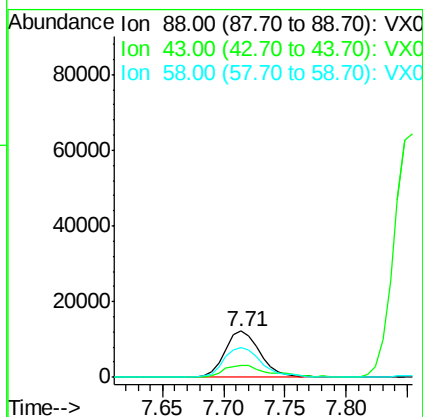
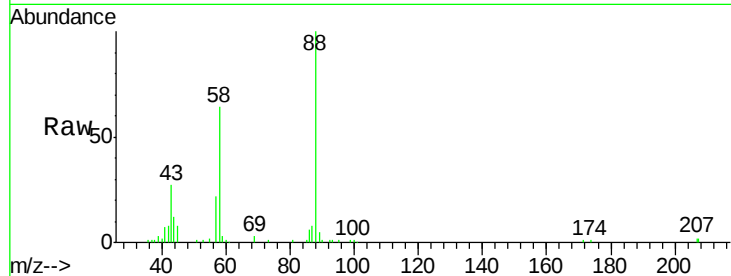




#49
1,4-Dioxane
Concen: 316.825 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

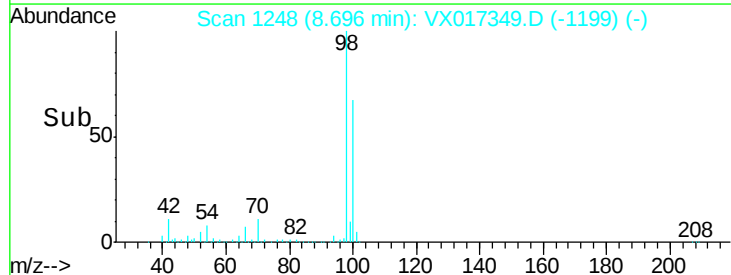
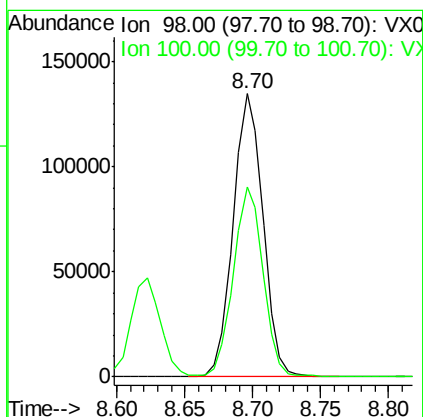
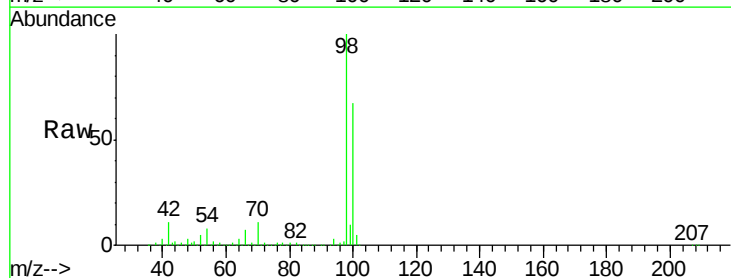
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

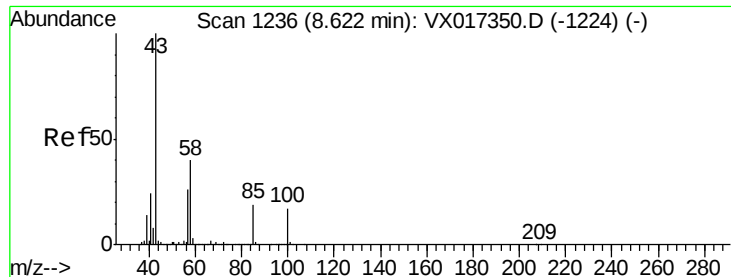
Tgt Ion: 88 Resp: 24546
Ion Ratio Lower Upper
88 100
43 35.6 25.6 38.4
58 68.7 53.9 80.9



#50
Toluene-d8
Concen: 18.816 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

Tgt Ion: 98 Resp: 205208
Ion Ratio Lower Upper
98 100
100 67.6 53.4 80.2

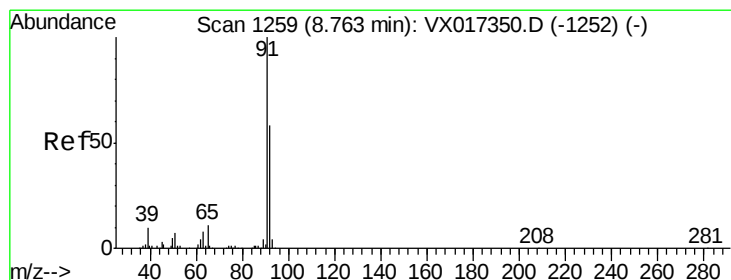
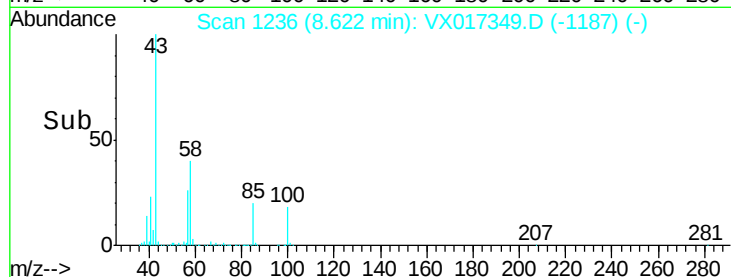
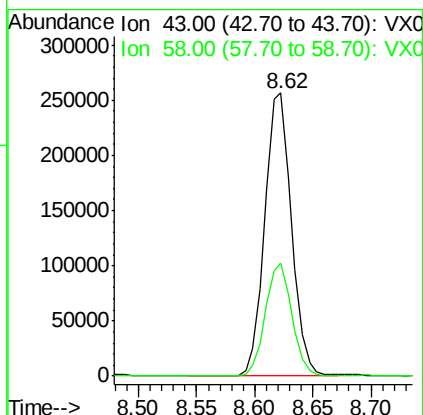
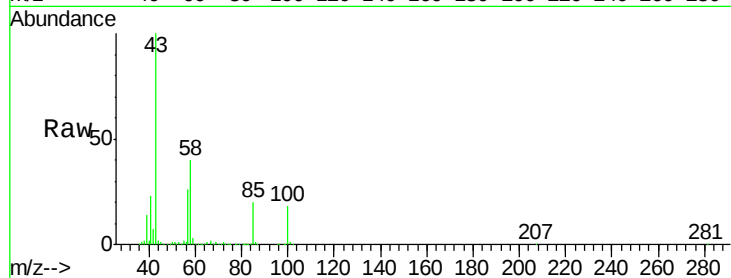




#51
 4-Methyl-2-Pentanone
 Concen: 94.637 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX017349.D
 Acq: 13 Jul 2020 11:01

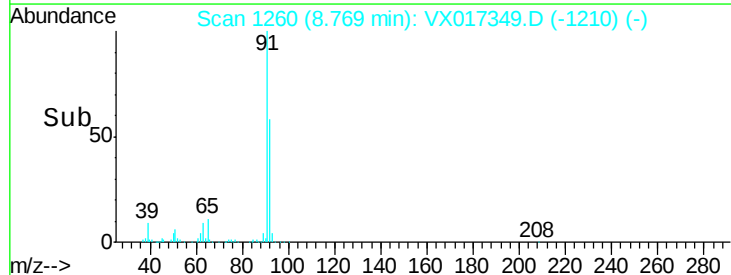
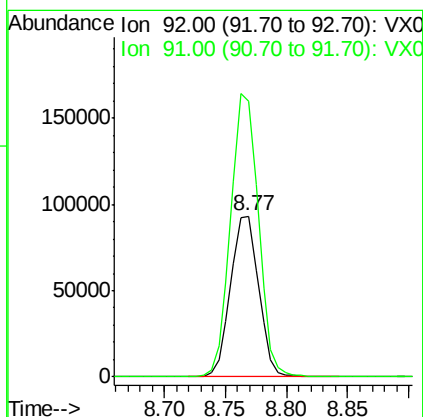
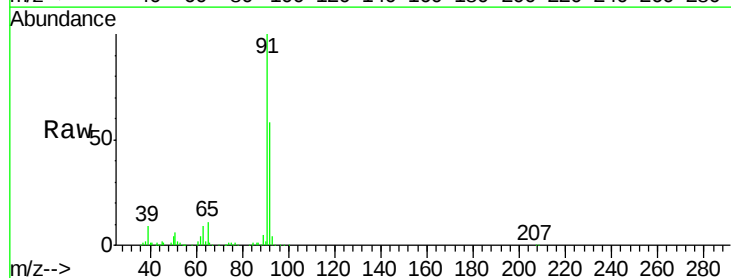
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

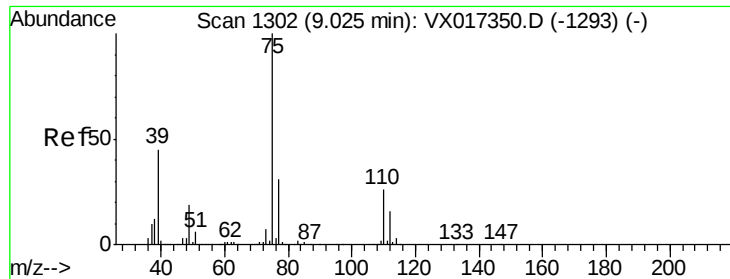
Tgt Ion: 43 Resp: 411185
 Ion Ratio Lower Upper
 43 100
 58 39.8 32.2 48.2



#52
 Toluene
 Concen: 18.651 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX017349.D
 Acq: 13 Jul 2020 11:01

Tgt Ion: 92 Resp: 148435
 Ion Ratio Lower Upper
 92 100
 91 173.9 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 18.717 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

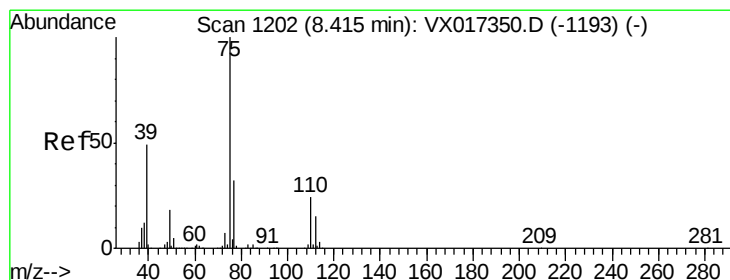
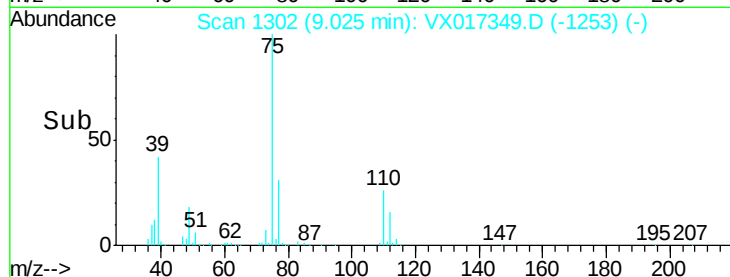
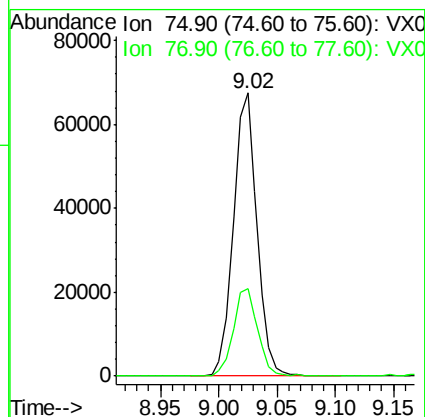
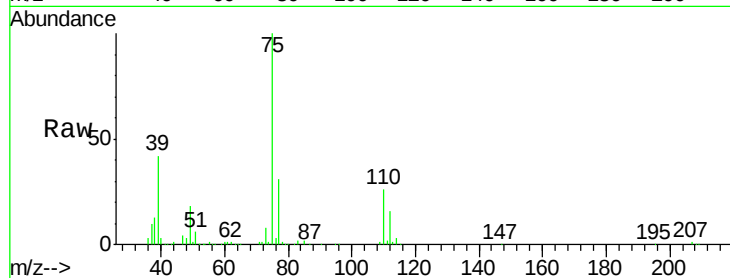
VSTDIC020

Tgt Ion: 75 Resp: 95386

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 18.653 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

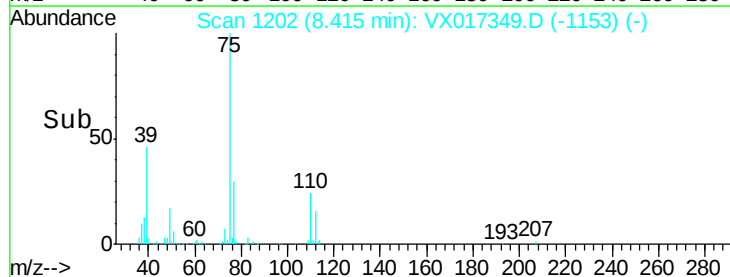
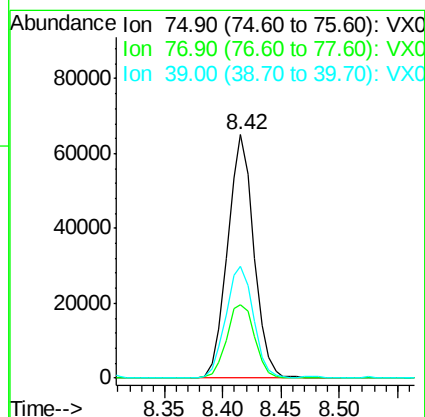
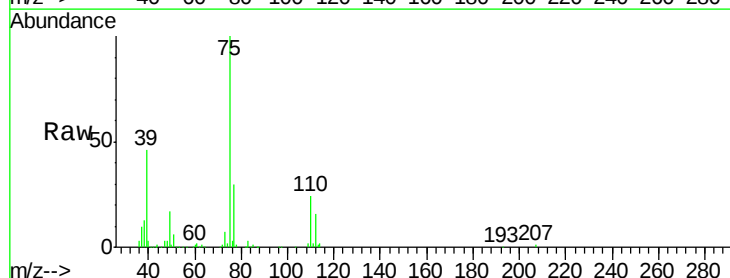
Tgt Ion: 75 Resp: 101700

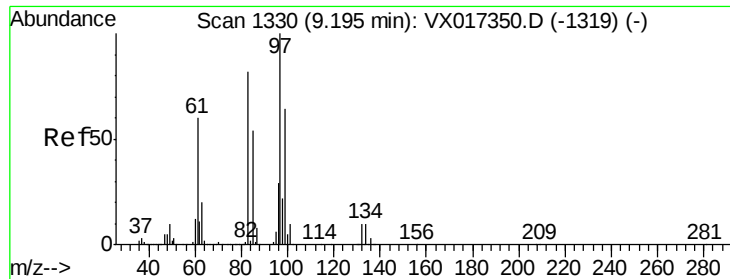
Ion Ratio Lower Upper

75 100

77 30.0 25.3 37.9

39 45.8 38.9 58.3

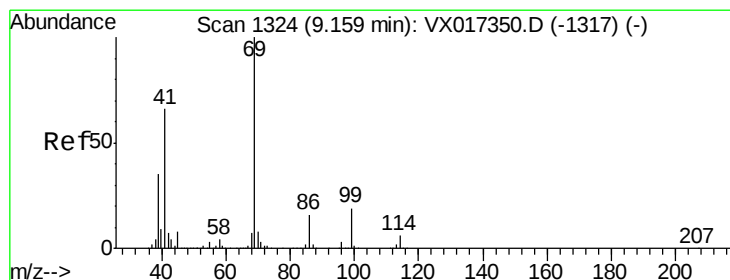
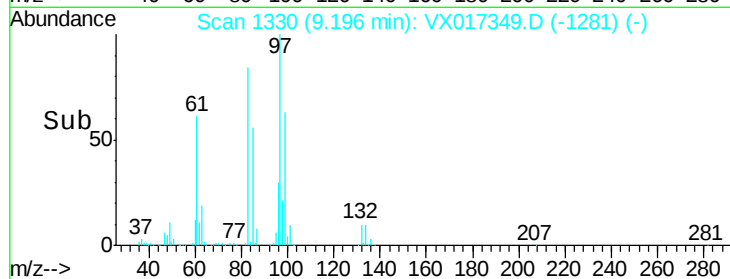
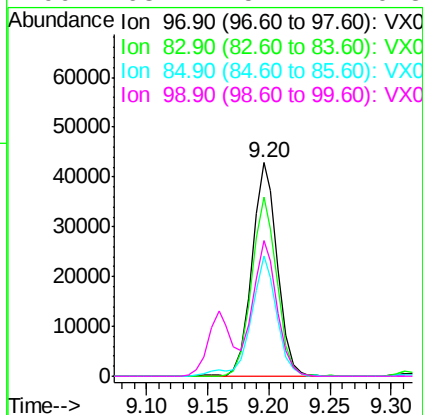
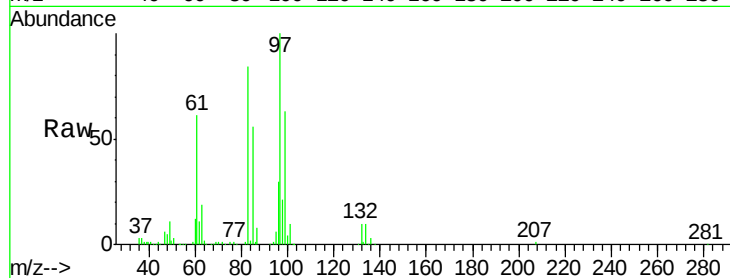




#55
 1,1,2-Trichloroethane
 Concen: 18.927 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017349.D
 Acq: 13 Jul 2020 11:01

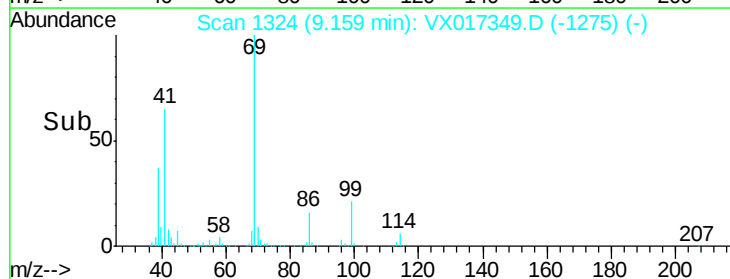
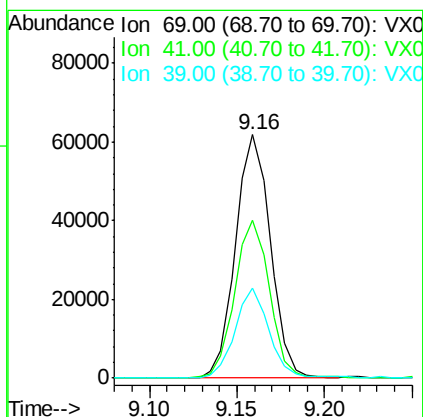
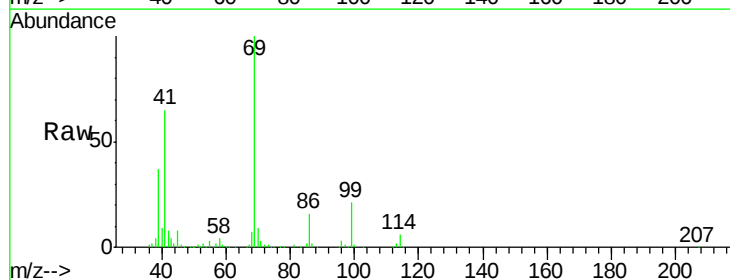
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

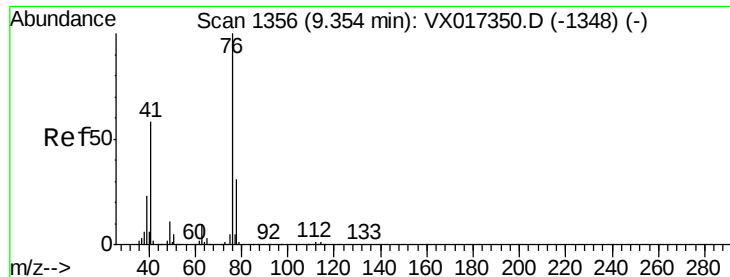
Tgt Ion:	97	Resp:	61830
Ion	Ratio	Lower	Upper
97	100		
83	83.8	65.8	98.6
85	56.3	42.8	64.2
99	63.1	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 18.577 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017349.D
 Acq: 13 Jul 2020 11:01

Tgt Ion:	69	Resp:	86058
Ion	Ratio	Lower	Upper
69	100		
41	65.1	52.6	78.8
39	35.8	28.8	43.2





#57

1,3-Dichloropropane

Concen: 18.440 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

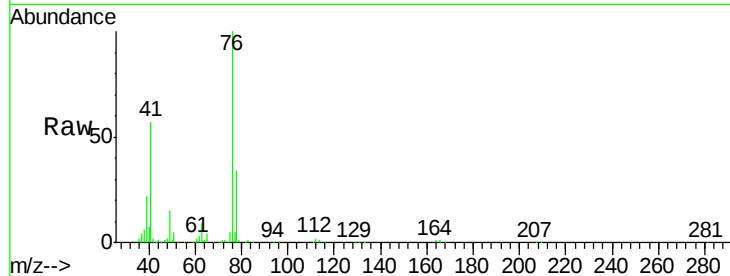
VSTDIC020

Tgt Ion: 76 Resp: 101563

Ion Ratio Lower Upper

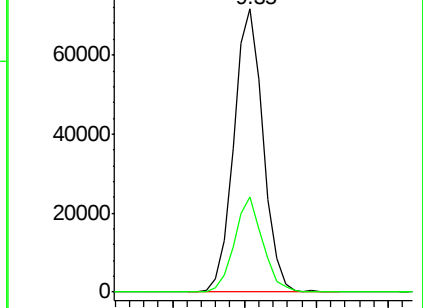
76 100

78 32.5 25.8 38.6

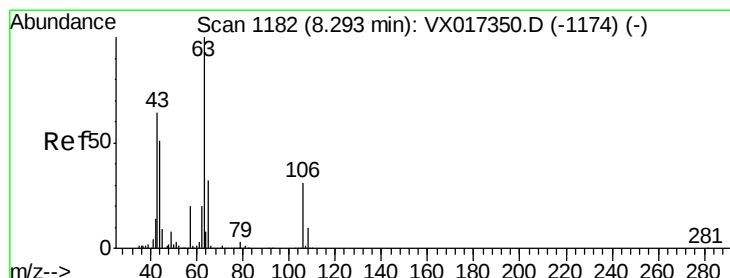
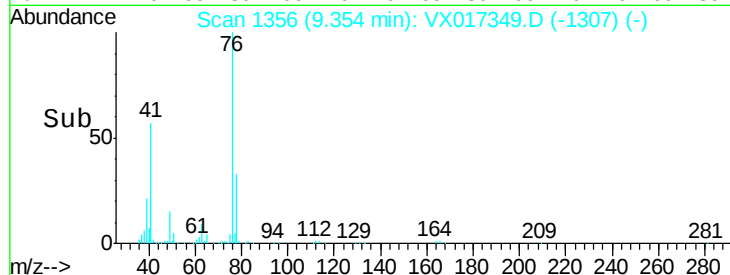


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 102.430 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017349.D

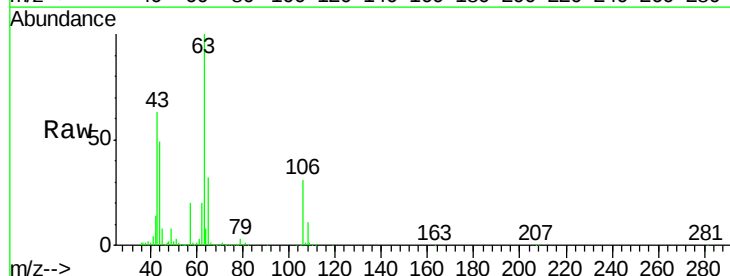
Acq: 13 Jul 2020 11:01

Tgt Ion: 63 Resp: 237074

Ion Ratio Lower Upper

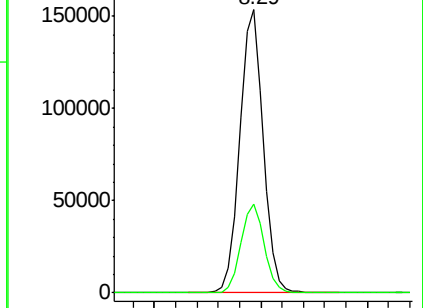
63 100

106 31.3 24.8 37.2

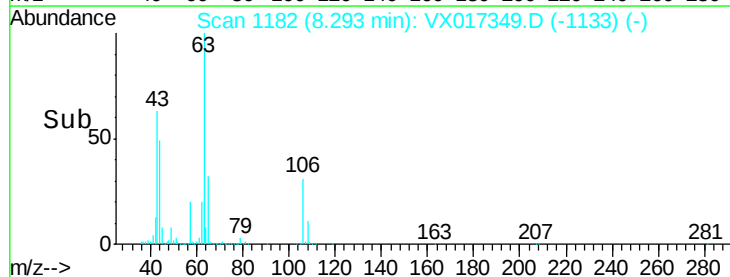


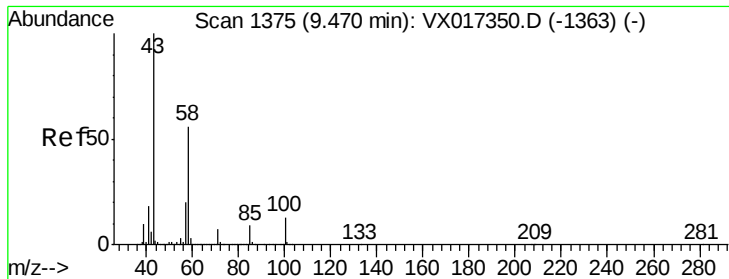
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->

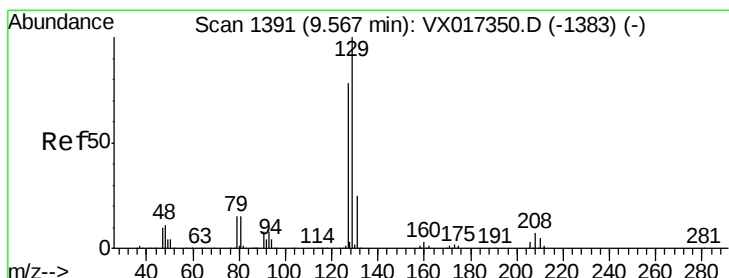
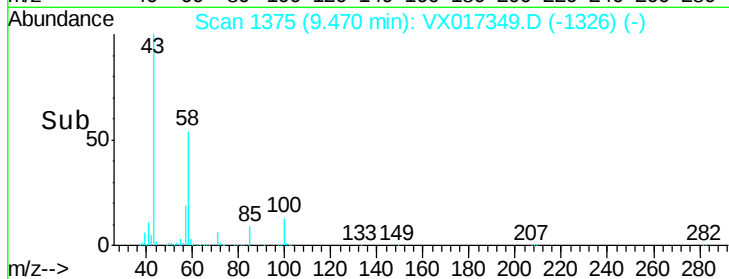
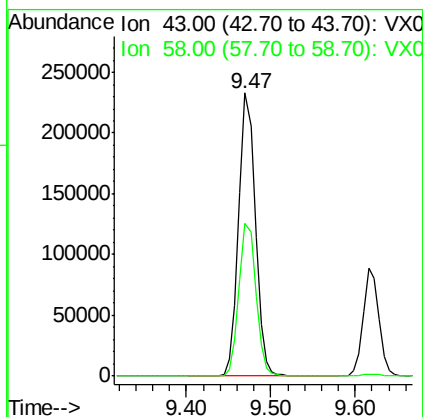
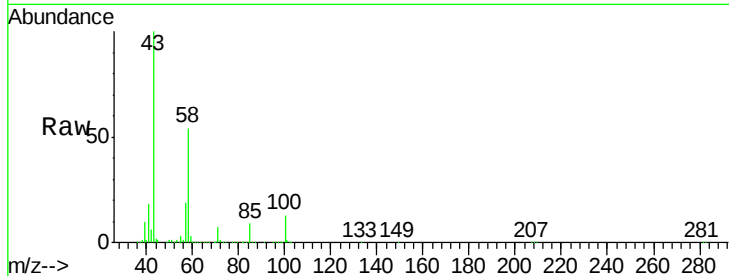




#59
2-Hexanone
Concen: 96.515 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

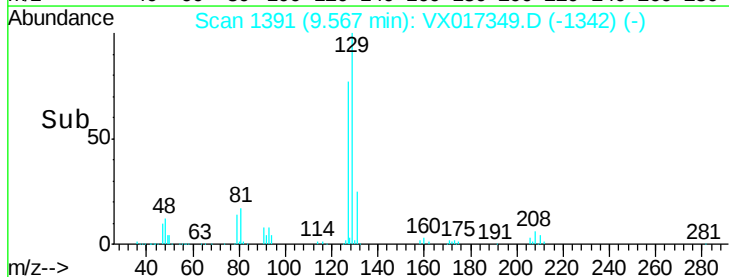
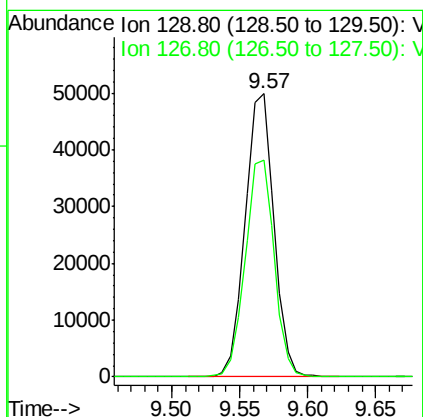
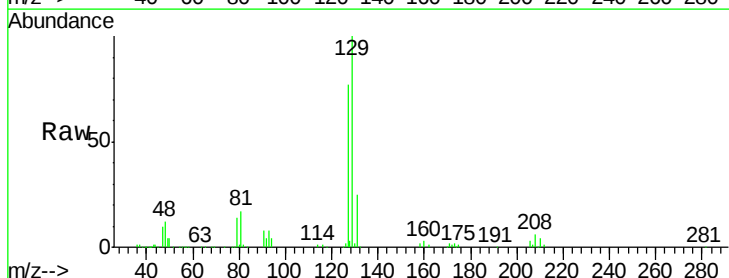
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

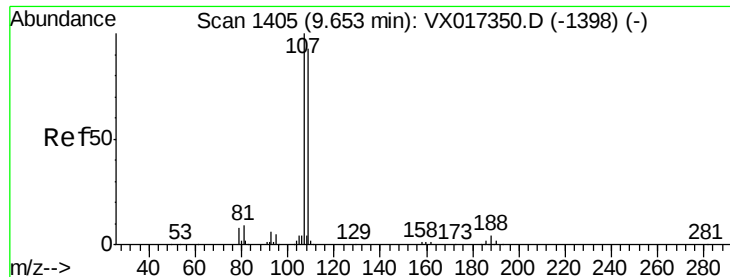
Tgt Ion: 43 Resp: 307973
Ion Ratio Lower Upper
43 100
58 55.3 28.1 84.3



#60
Dibromochloromethane
Concen: 19.355 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

Tgt Ion: 129 Resp: 74021
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.6

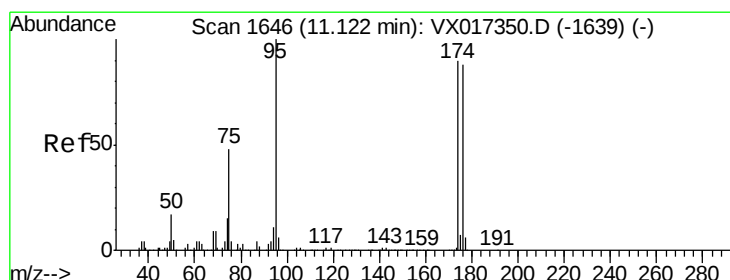
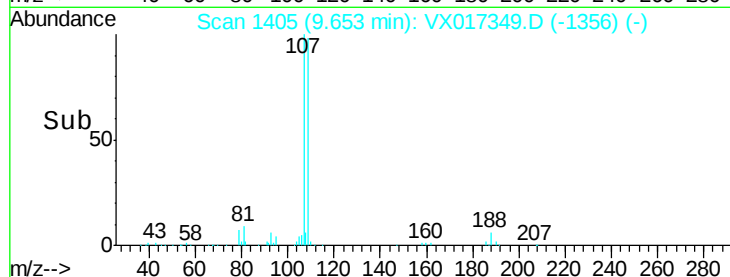
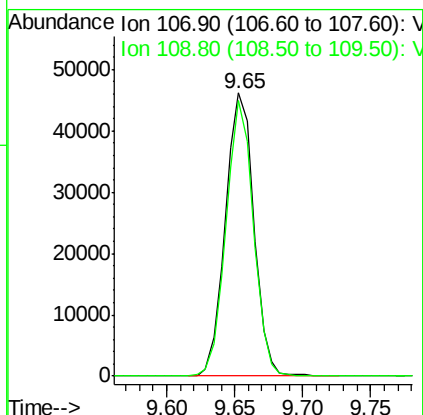
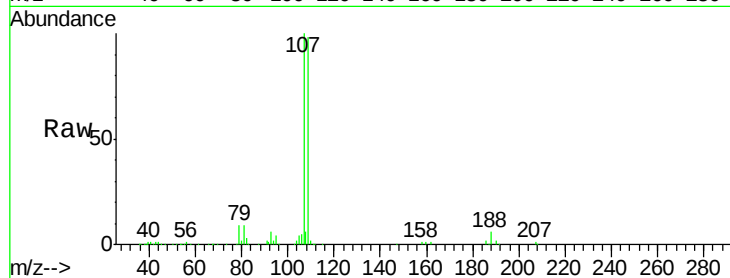




#61
1,2-Dibromoethane
Concen: 19.093 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. 0.00 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

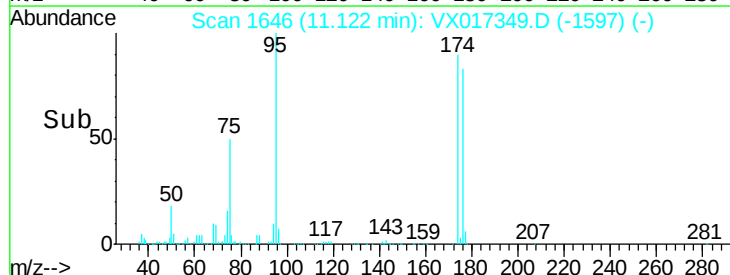
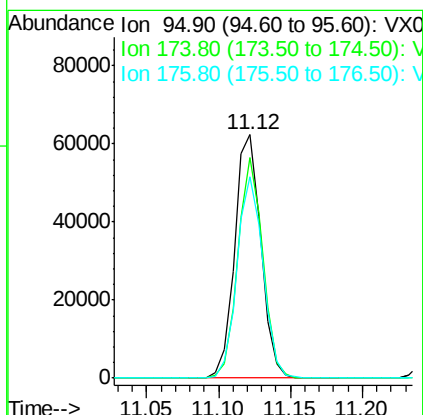
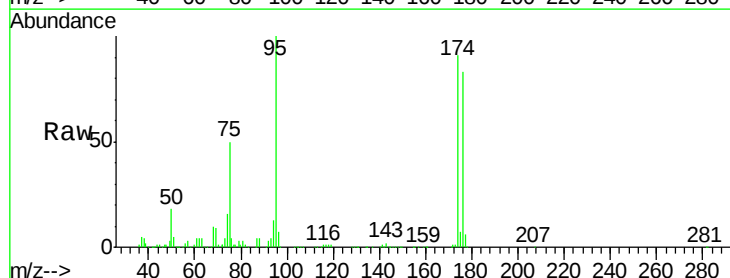
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

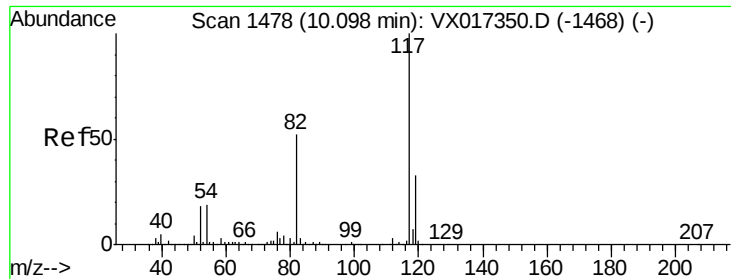
Tgt Ion: 107 Resp: 67139
Ion Ratio Lower Upper
107 100
109 93.7 75.0 112.4



#62
4-Bromofluorobenzene
Concen: 18.606 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

Tgt Ion: 95 Resp: 79540
Ion Ratio Lower Upper
95 100
174 85.6 0.0 175.8
176 81.6 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

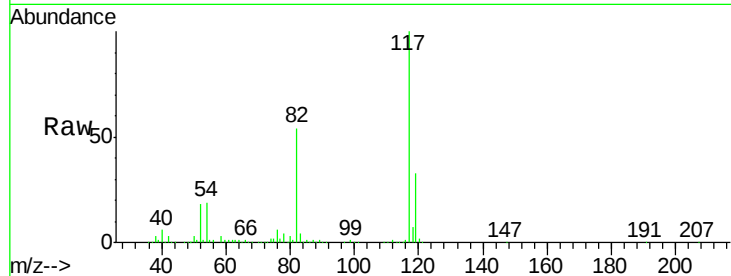
Tgt Ion:117 Resp: 425194

Ion Ratio Lower Upper

117 100

82 53.5 42.0 63.0

119 32.6 26.3 39.5

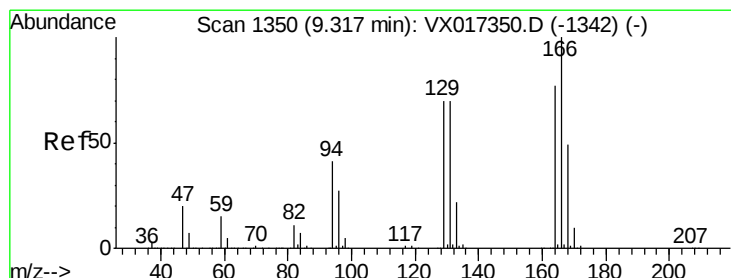
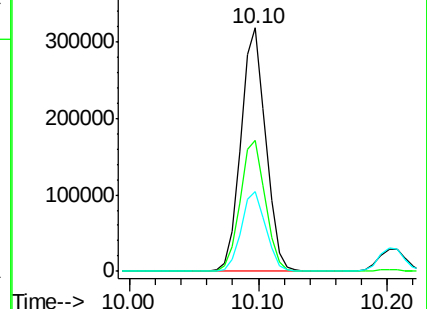
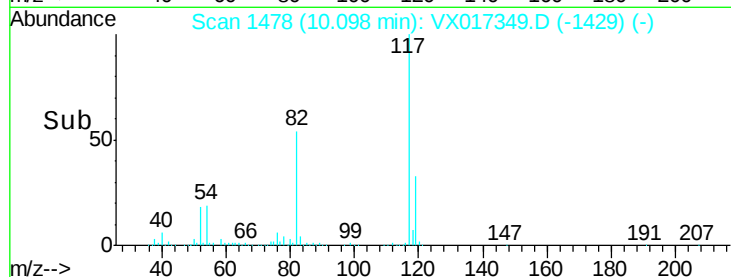


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

Time-->



#64

Tetrachloroethene

Concen: 20.753 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Tgt Ion:164 Resp: 72234

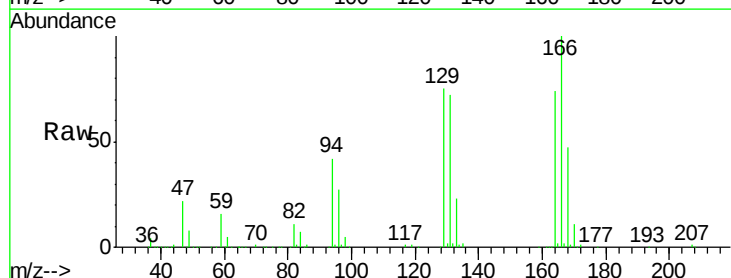
Ion Ratio Lower Upper

164 100

166 134.4 103.9 155.9

129 100.6 72.9 109.3

131 97.1 72.5 108.7



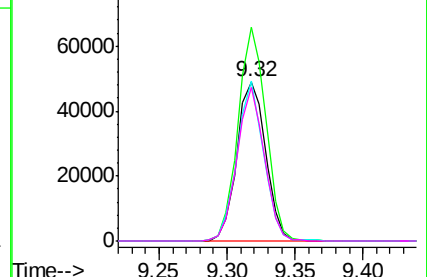
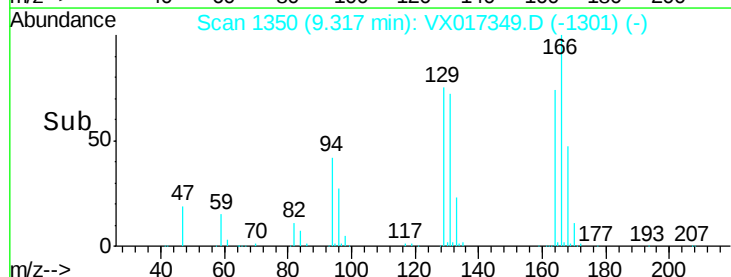
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->





#65

Chlorobenzene

Concen: 18.946 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampled :

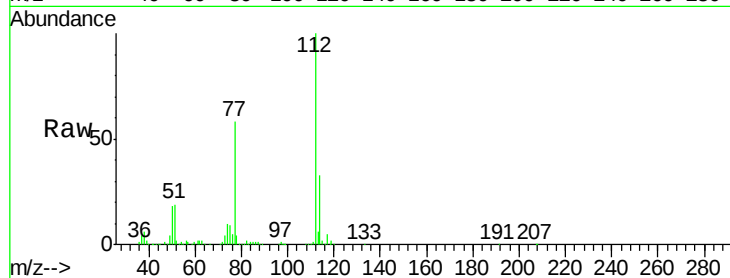
VSTDIC020

Tgt Ion:112 Resp: 166357

Ion Ratio Lower Upper

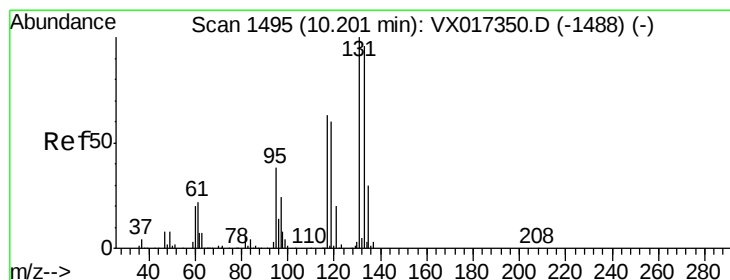
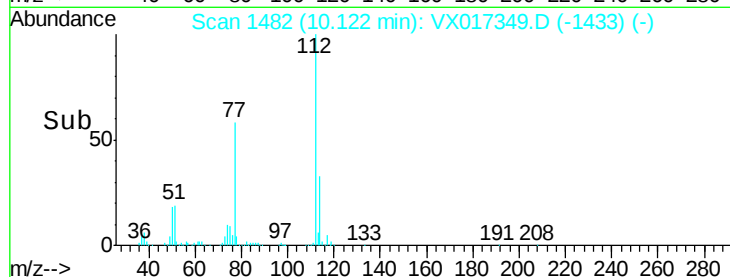
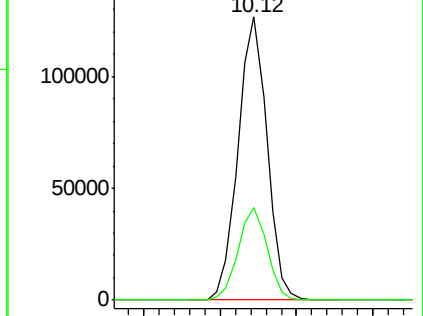
112 100

114 33.0 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.300 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

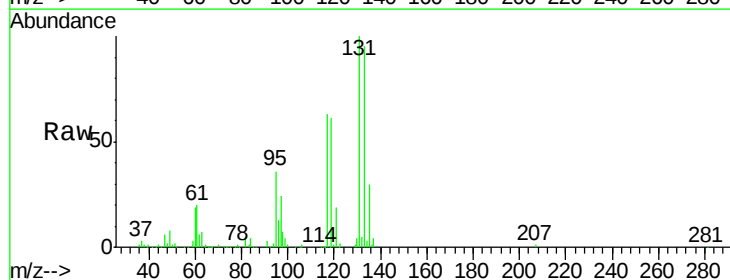
Tgt Ion:131 Resp: 65766

Ion Ratio Lower Upper

131 100

133 96.5 48.4 145.2

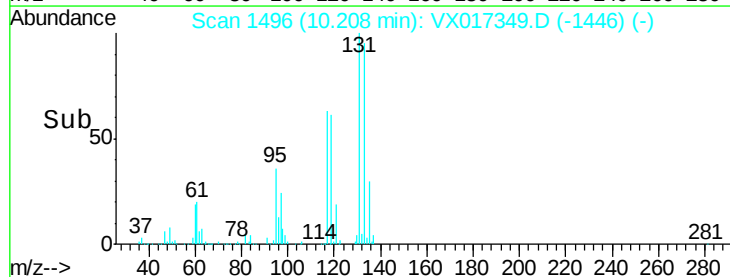
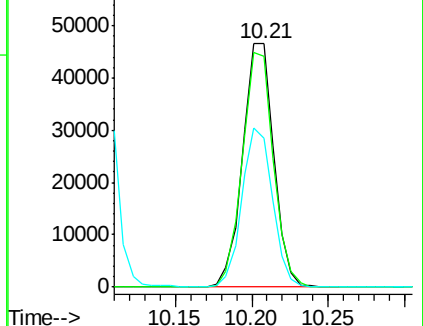
119 64.1 31.2 93.6

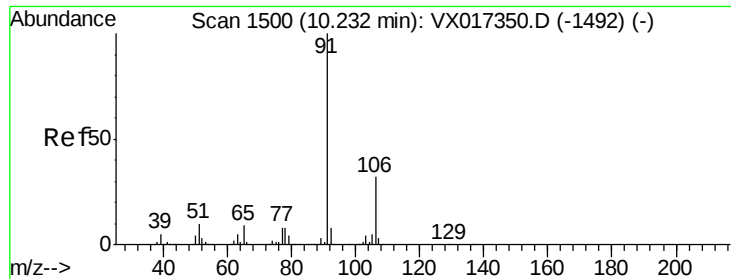


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.123 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

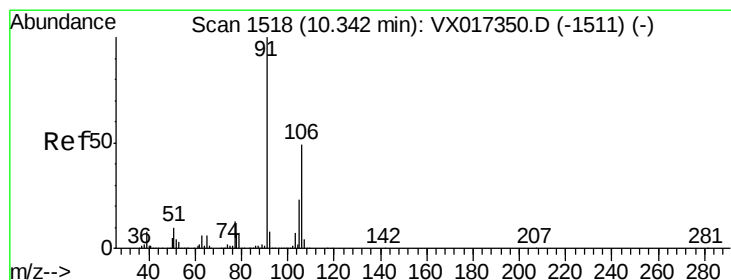
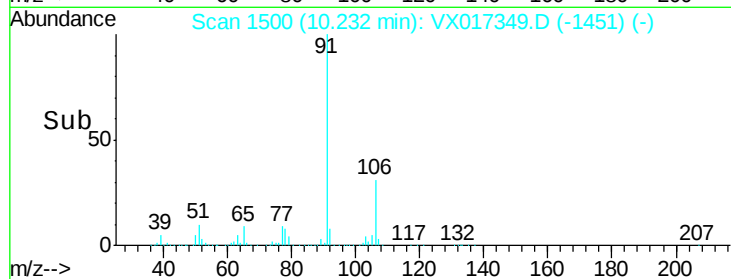
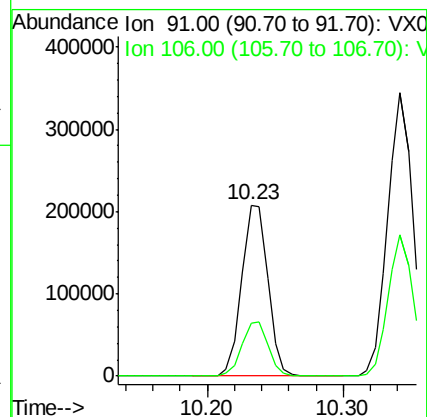
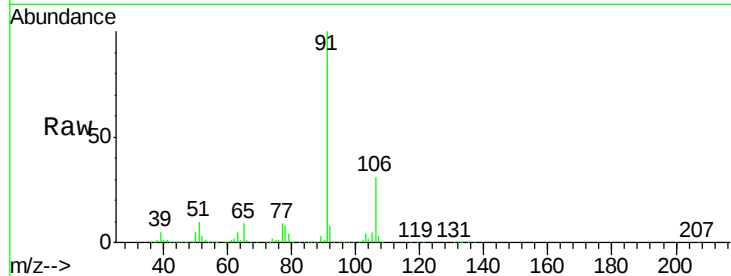
VSTDIC020

Tgt Ion: 91 Resp: 279970

Ion Ratio Lower Upper

91 100

106 31.3 25.7 38.5



#68

m/p-Xylenes

Concen: 39.421 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017349.D

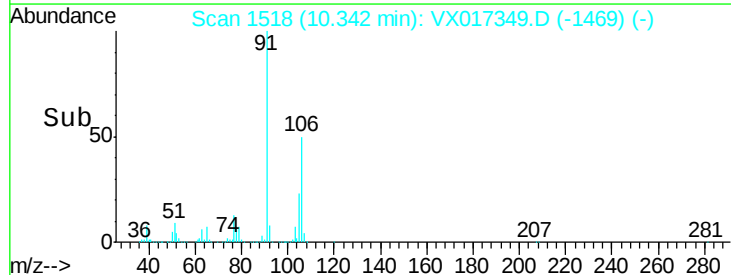
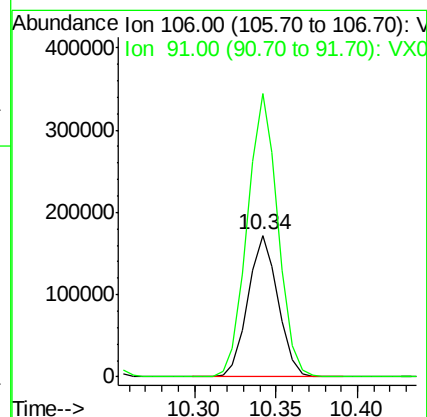
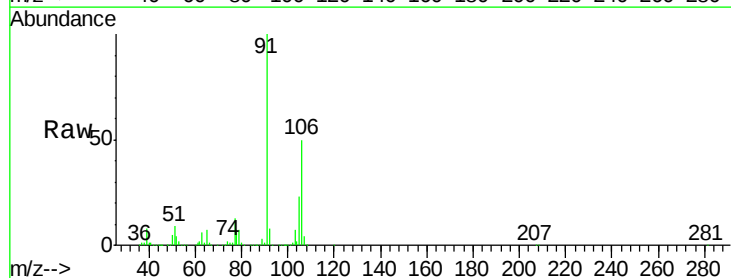
Acq: 13 Jul 2020 11:01

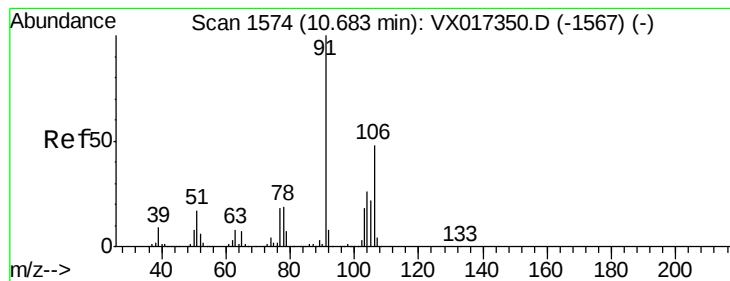
Tgt Ion: 106 Resp: 221564

Ion Ratio Lower Upper

106 100

91 202.2 162.5 243.7





#69

o-Xylene

Concen: 19.102 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

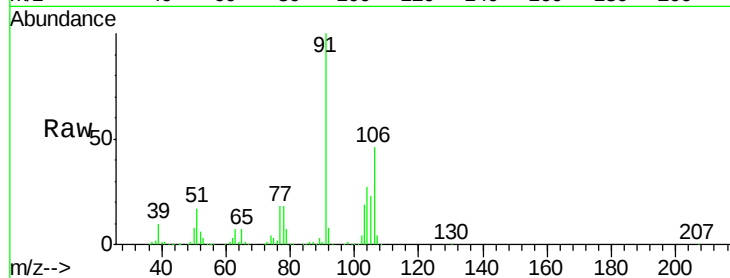
VSTDIC020

Tgt Ion:106 Resp: 102450

Ion Ratio Lower Upper

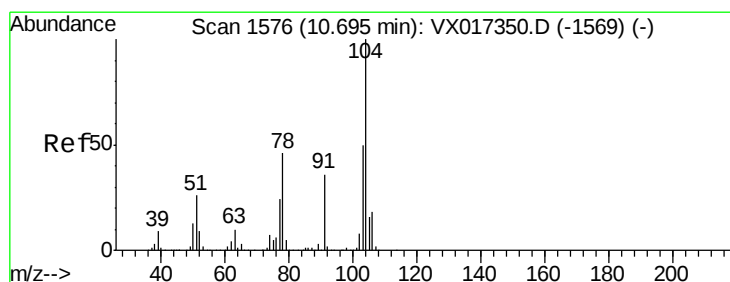
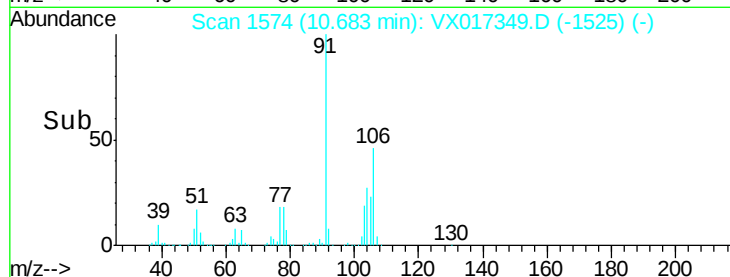
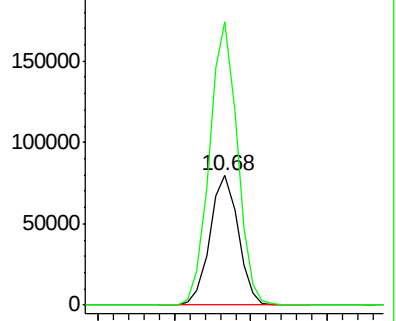
106 100

91 214.1 106.1 318.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 19.946 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

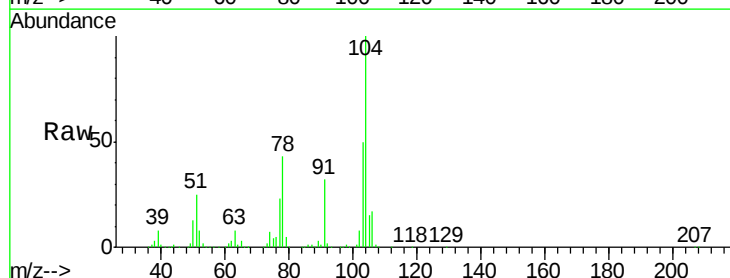
Tgt Ion:104 Resp: 181918

Ion Ratio Lower Upper

104 100

78 49.4 40.8 61.2

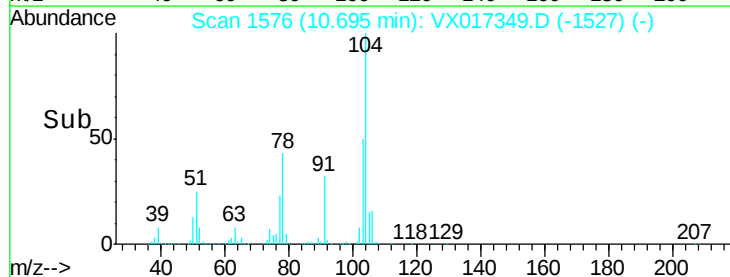
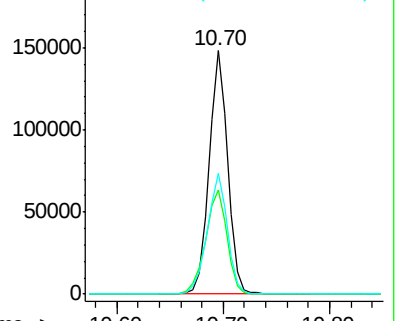
103 53.8 43.3 64.9

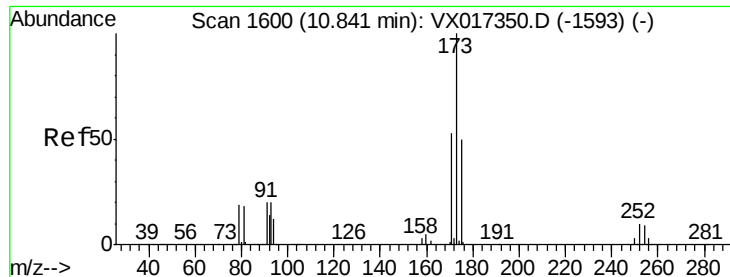


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V

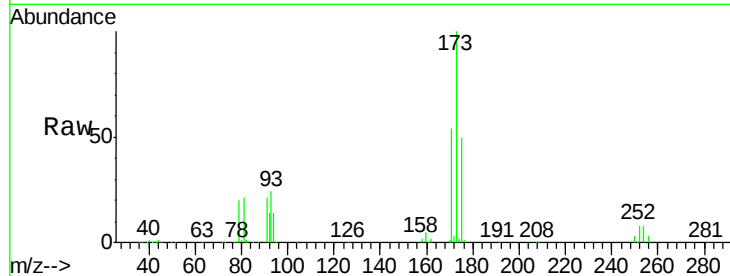




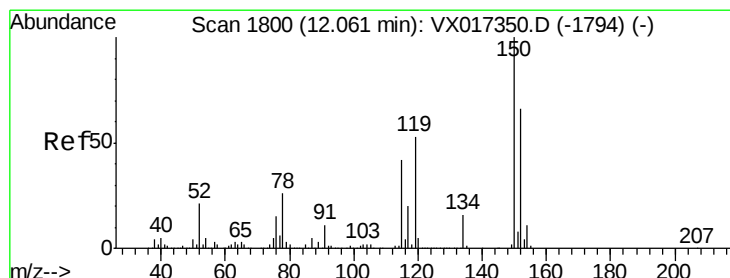
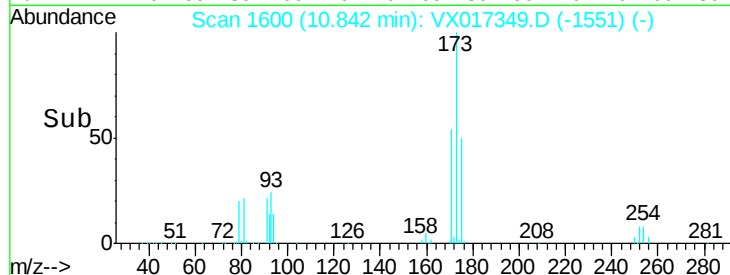
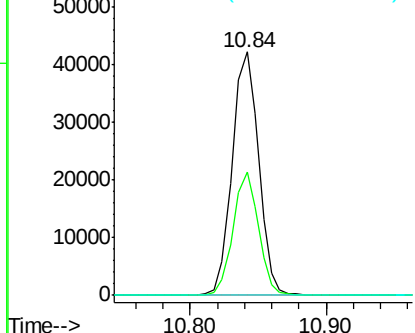
#71
Bromoform
Concen: 20.966 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tgt Ion:173 Resp: 57062
Ion Ratio Lower Upper
173 100
175 48.4 24.7 74.1
254 0.1 0.1 0.1

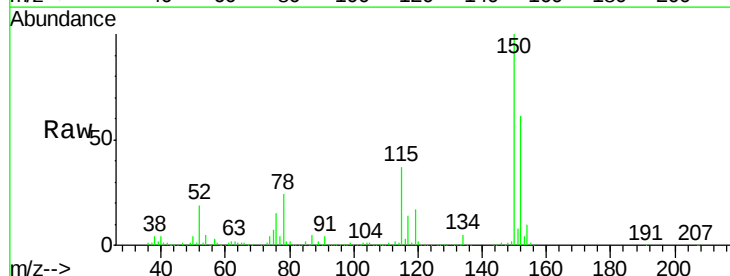


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

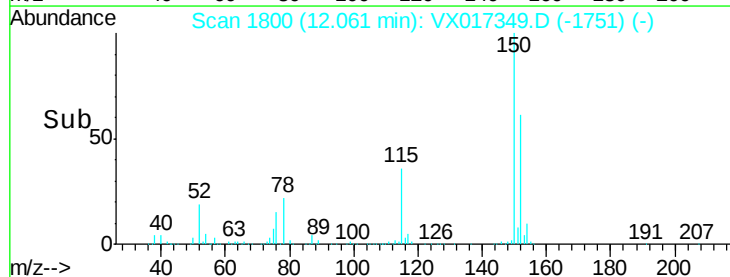
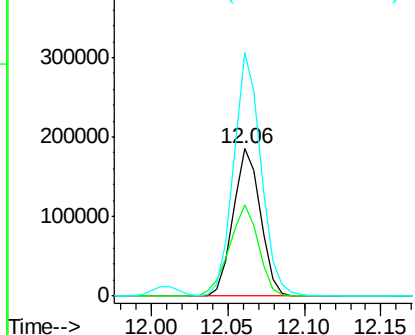


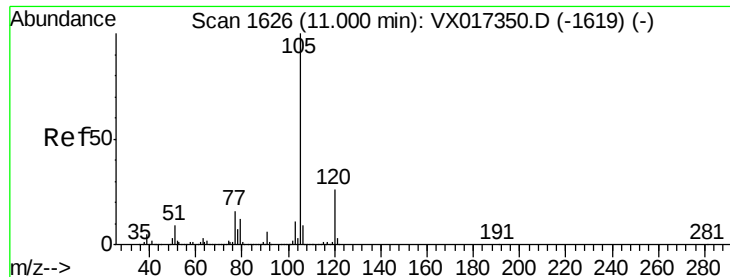
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

Tgt Ion:152 Resp: 228208
Ion Ratio Lower Upper
152 100
115 66.4 39.9 119.7
150 166.2 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.841 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

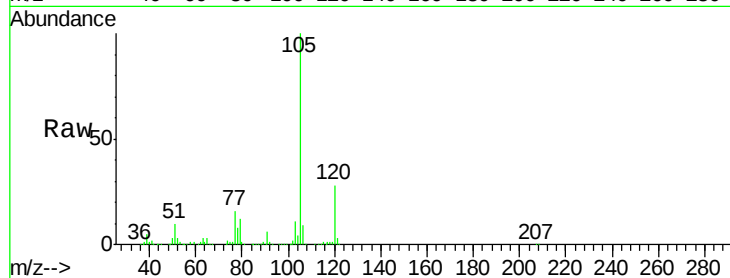
VSTDIC020

Tgt Ion: 105 Resp: 280412

Ion Ratio Lower Upper

105 100

120 27.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

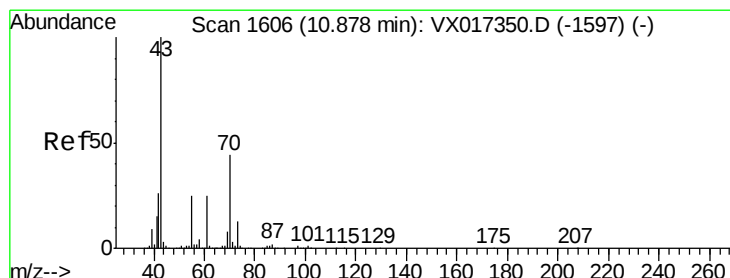
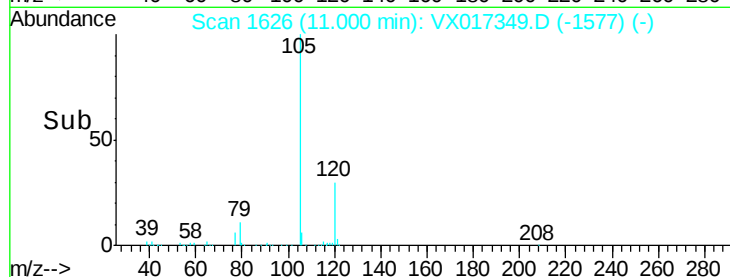
100000

50000

0

11.00

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 17.689 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Tgt Ion: 43 Resp: 110995

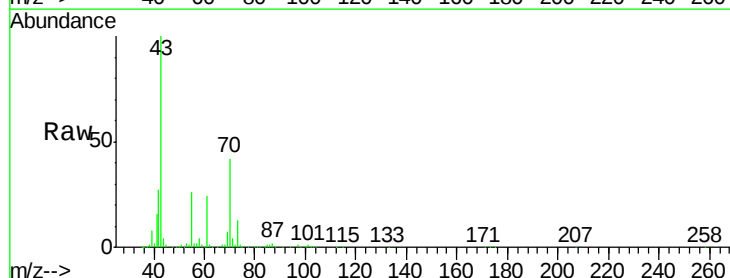
Ion Ratio Lower Upper

43 100

70 44.6 35.7 53.5

55 26.1 20.3 30.5

61 25.1 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

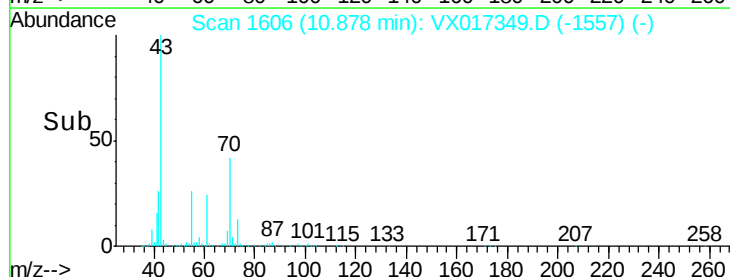
100000

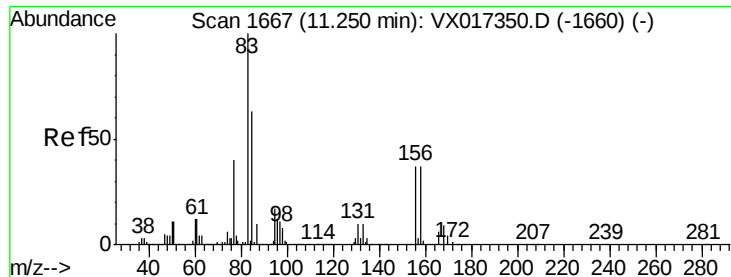
50000

0

10.88

Time--> 10.80 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 18.823 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

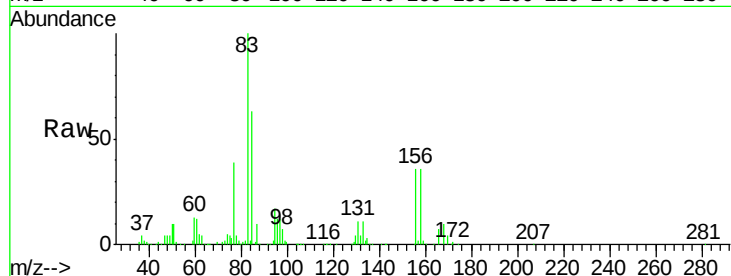
Tgt Ion: 83 Resp: 87614

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.7

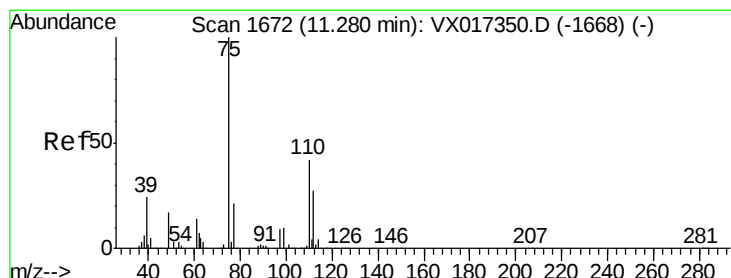
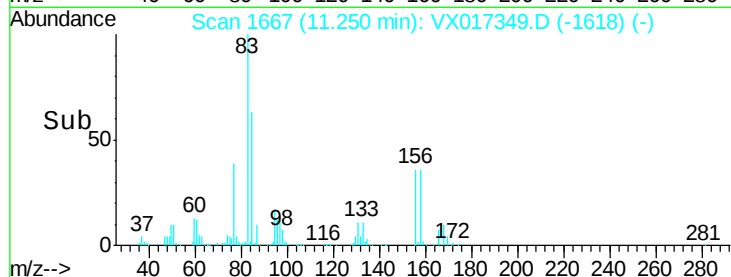
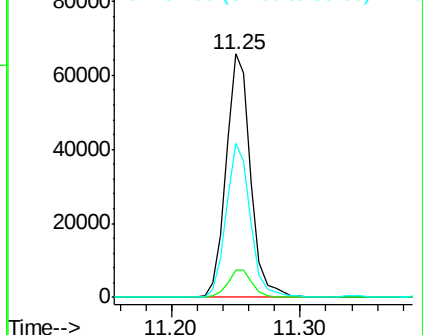
85 62.6 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.372 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017349.D

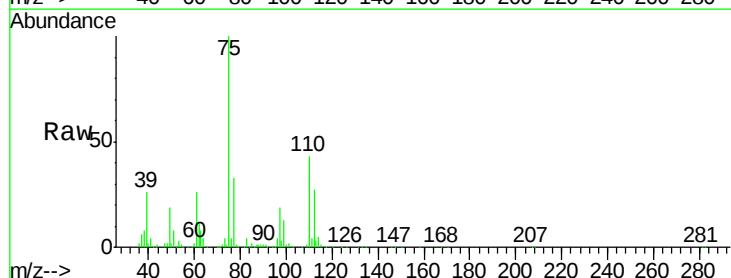
Acq: 13 Jul 2020 11:01

Tgt Ion: 75 Resp: 108288

Ion Ratio Lower Upper

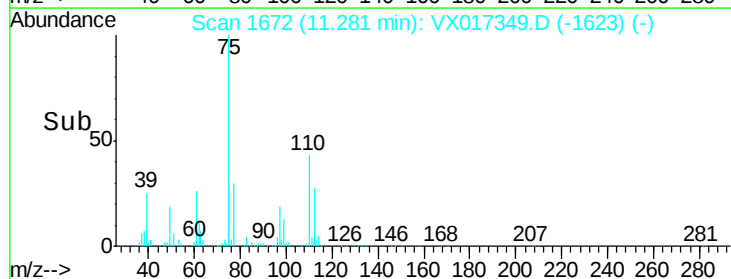
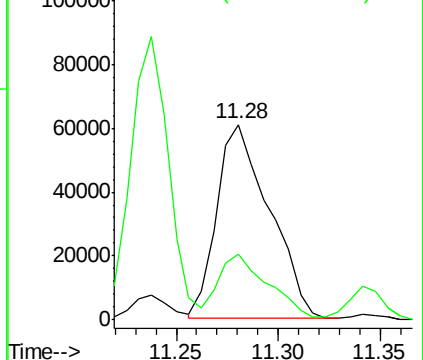
75 100

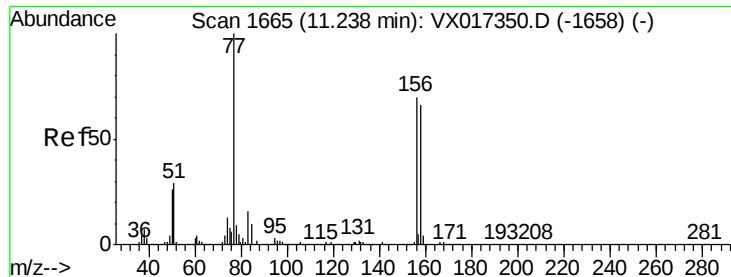
77 32.2 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.505 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

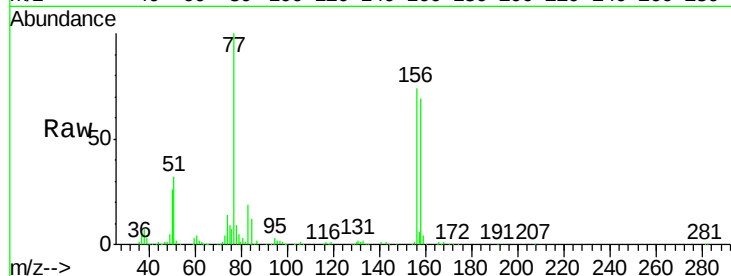
Tgt Ion:156 Resp: 80445

Ion Ratio Lower Upper

156 100

77 143.0 72.1 216.3

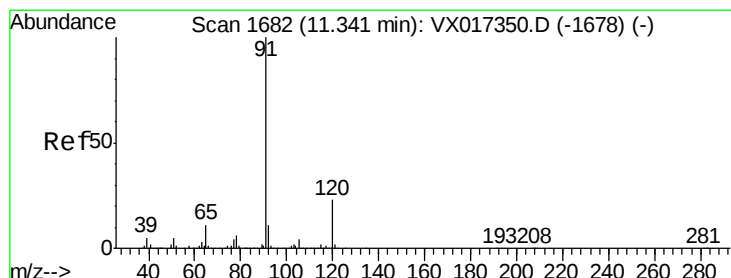
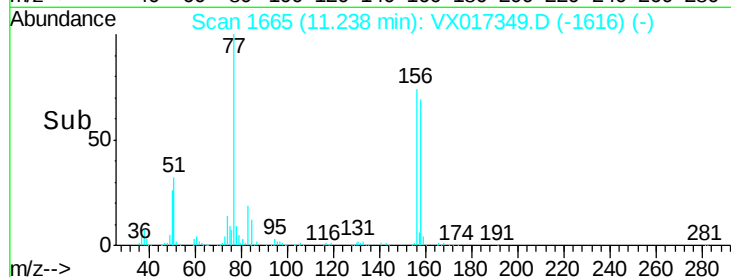
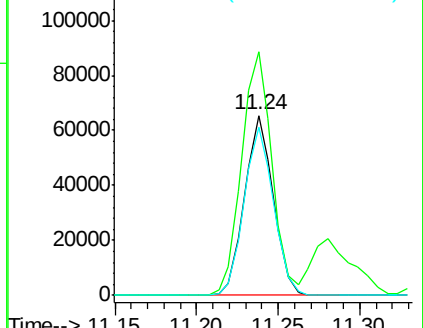
158 96.1 47.4 142.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.853 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017349.D

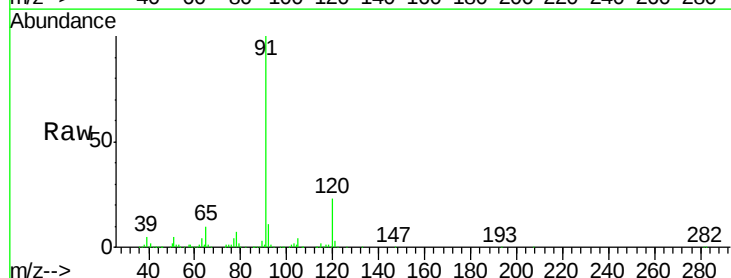
Acq: 13 Jul 2020 11:01

Tgt Ion: 91 Resp: 317523

Ion Ratio Lower Upper

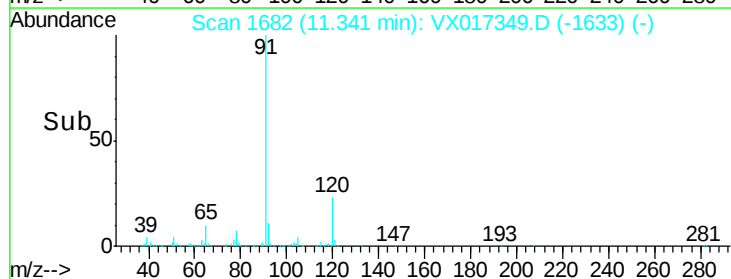
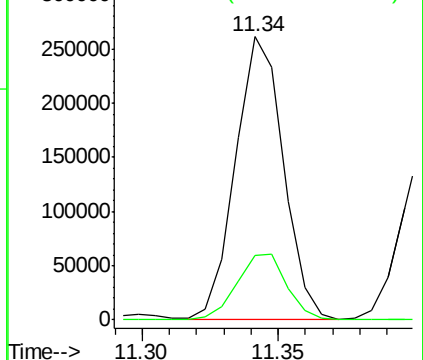
91 100

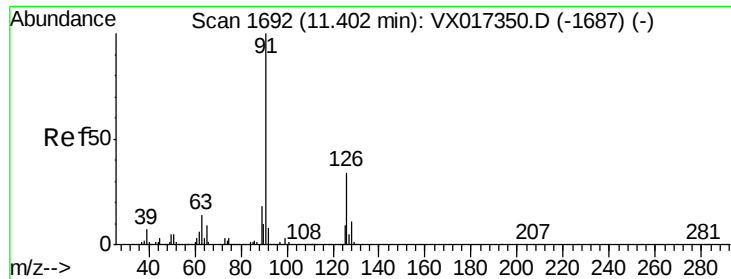
120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

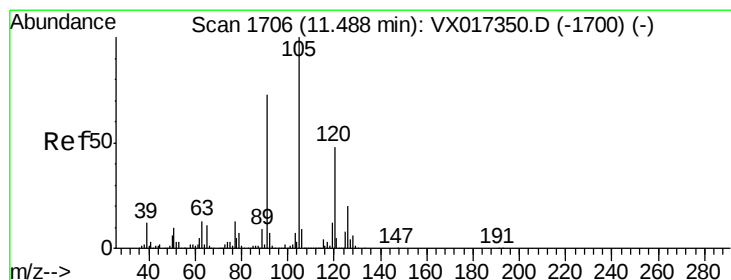
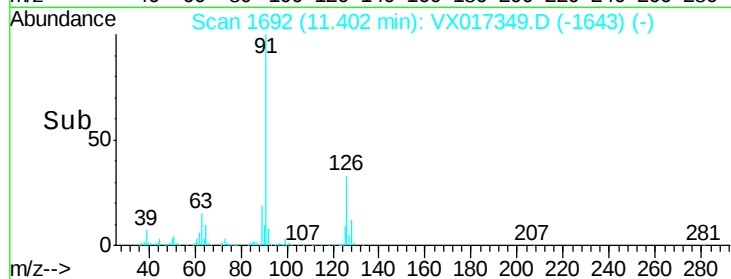
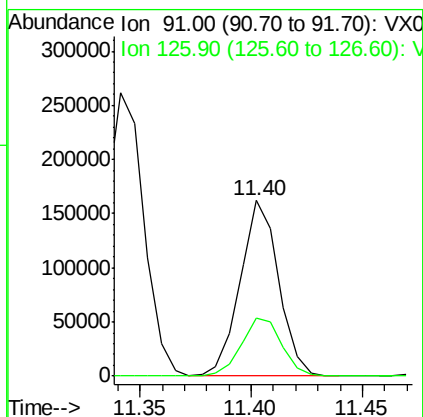
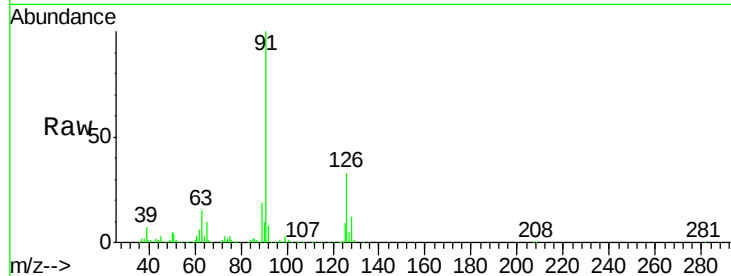




#79
2-Chlorotoluene
Concen: 19.119 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

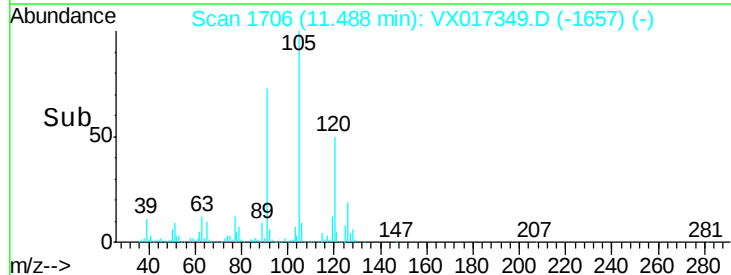
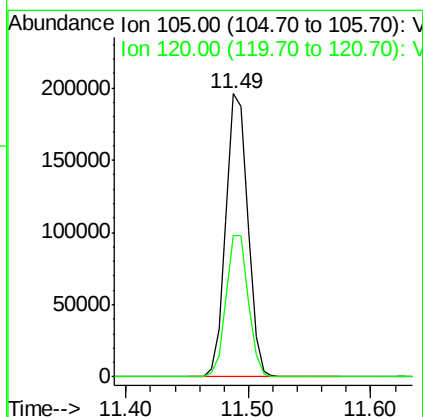
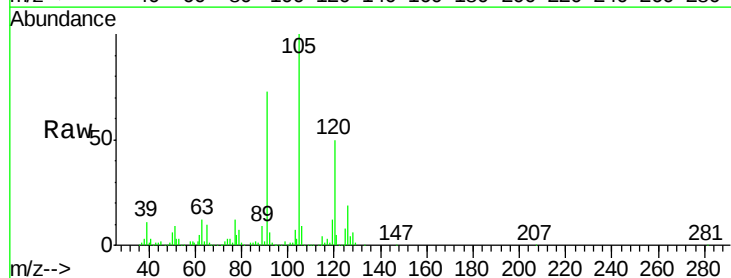
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

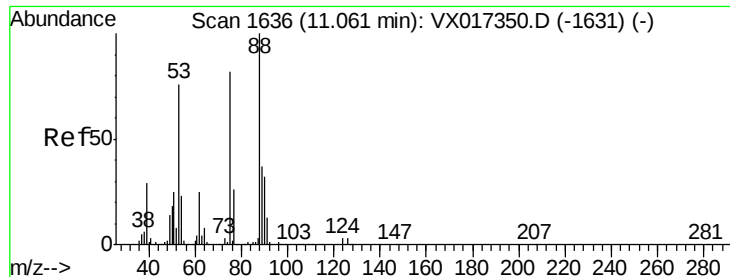
Tgt Ion: 91 Resp: 194862
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 19.703 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

Tgt Ion: 105 Resp: 243515
Ion Ratio Lower Upper
105 100
120 50.3 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.223 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

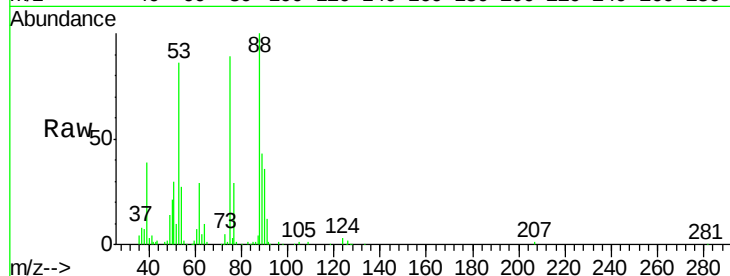
Tgt Ion: 75 Resp: 31167

Ion Ratio Lower Upper

75 100

53 101.0 76.5 114.7

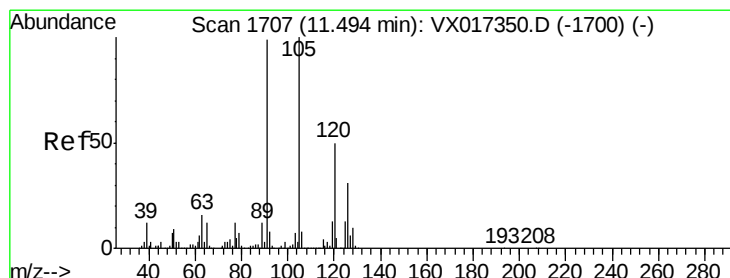
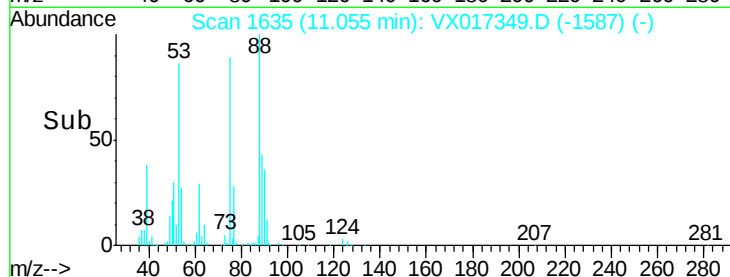
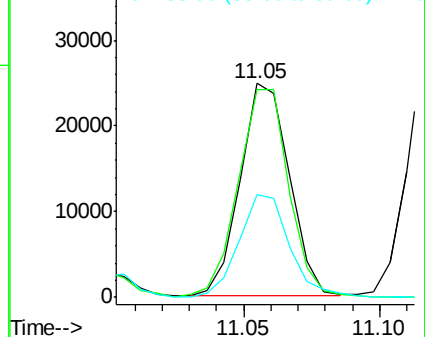
89 50.2 38.1 57.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.273 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017349.D

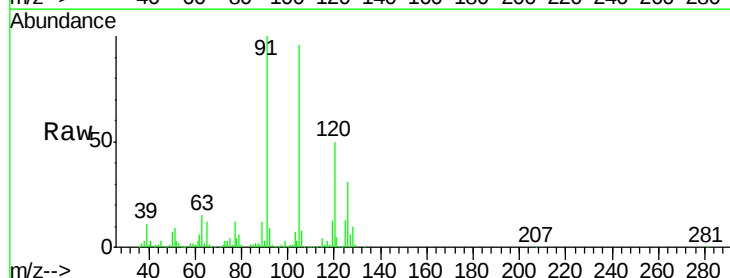
Acq: 13 Jul 2020 11:01

Tgt Ion: 91 Resp: 235200

Ion Ratio Lower Upper

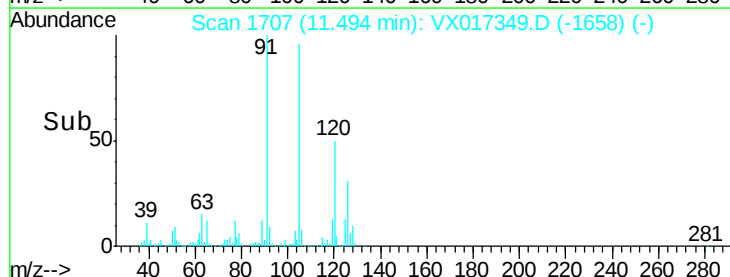
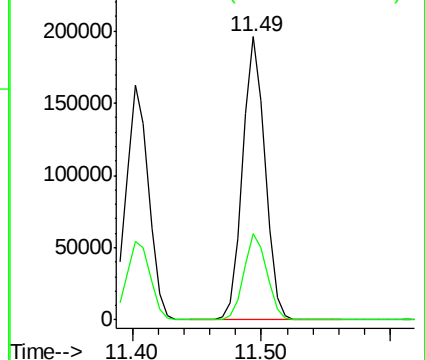
91 100

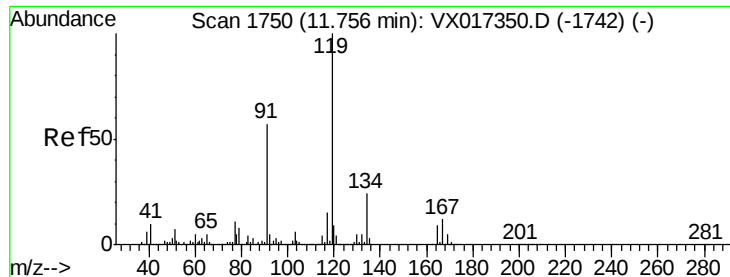
126 30.9 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

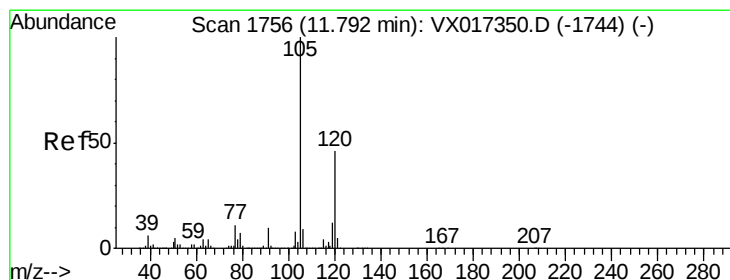
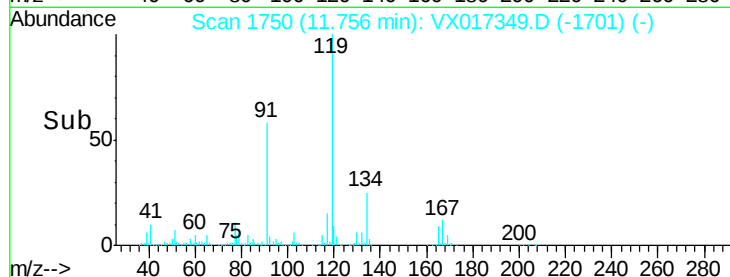
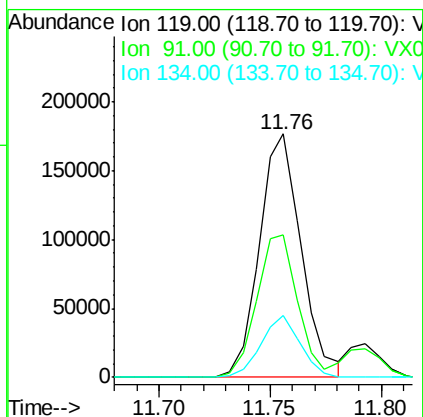
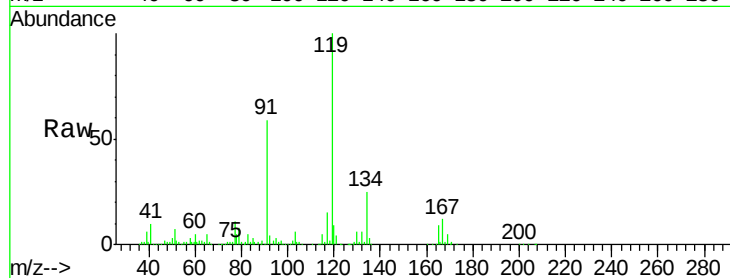




#83
tert-Butylbenzene
Concen: 18.948 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

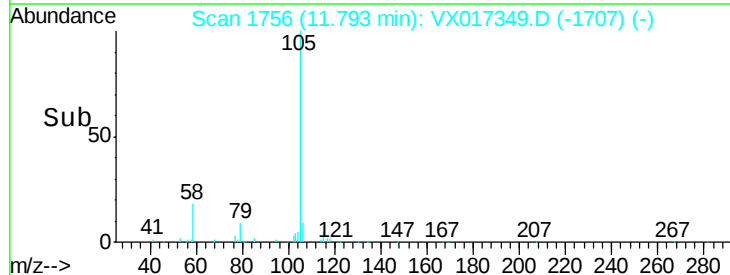
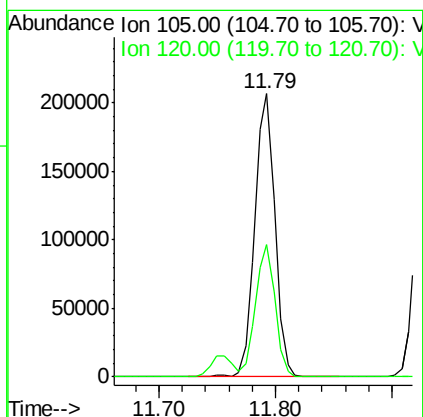
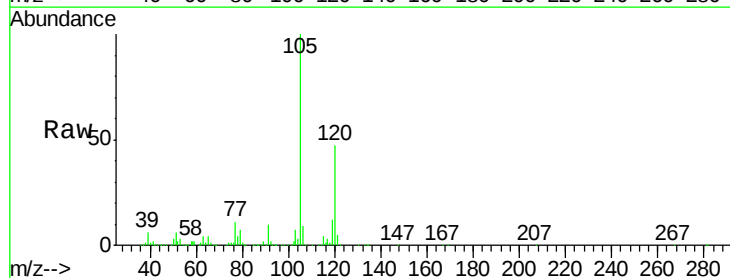
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

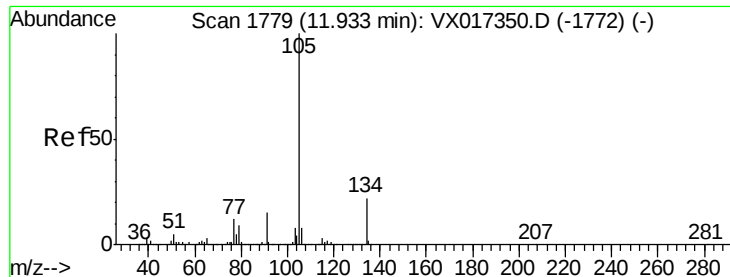
Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.3	28.5	85.6
134	23.7	11.9	35.9



#84
1,2,4-Trimethylbenzene
Concen: 19.913 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017349.D
Acq: 13 Jul 2020 11:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.8	68.4

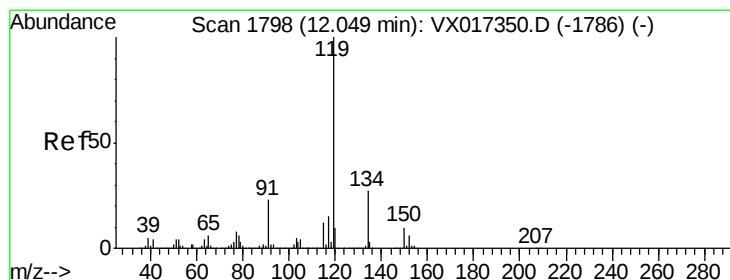
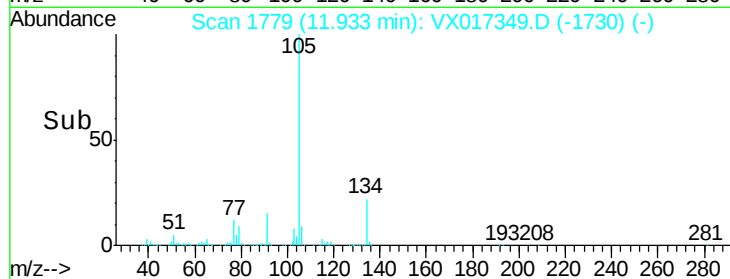
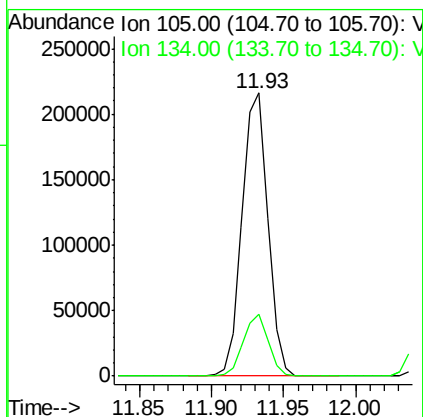
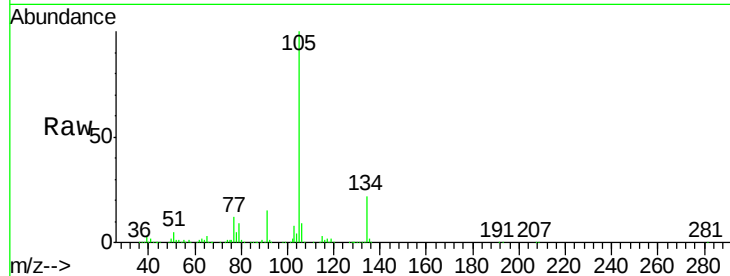




#85
 sec-Butylbenzene
 Concen: 18.815 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX017349.D
 Acq: 13 Jul 2020 11:01

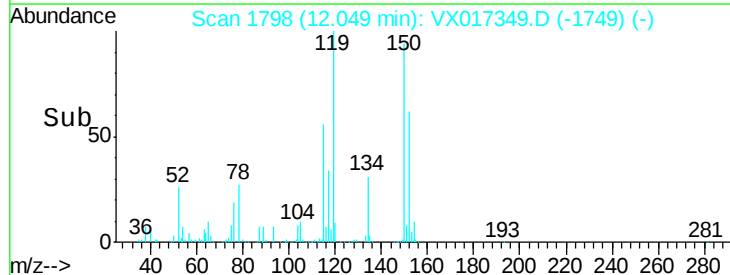
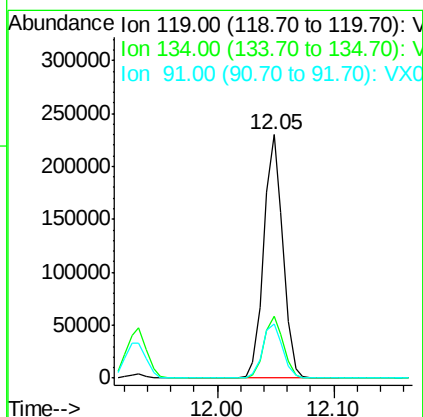
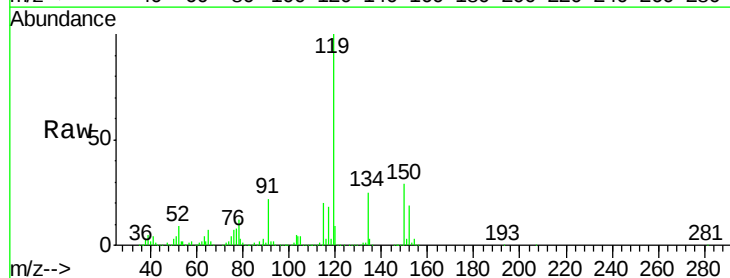
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

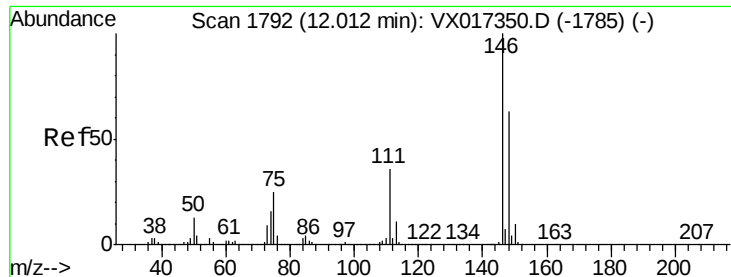
Tgt Ion:105 Resp: 268393
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 19.641 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017349.D
 Acq: 13 Jul 2020 11:01

Tgt Ion:119 Resp: 260476
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.5 40.5
 91 23.6 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 18.689 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

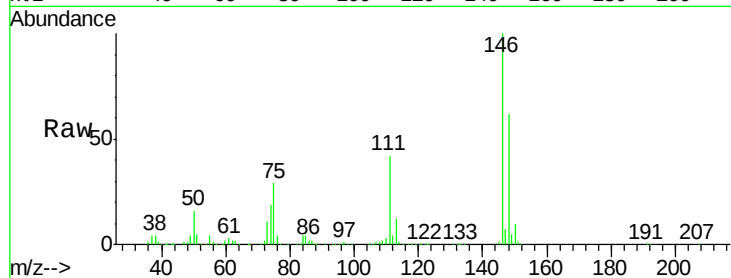
Tgt Ion:146 Resp: 140152

Ion Ratio Lower Upper

146 100

111 39.5 19.2 57.6

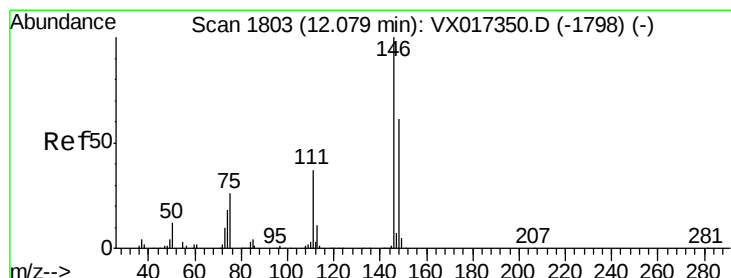
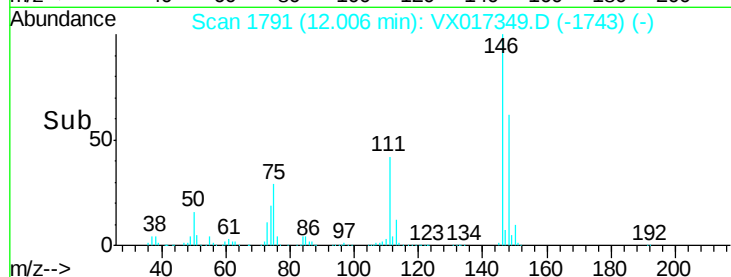
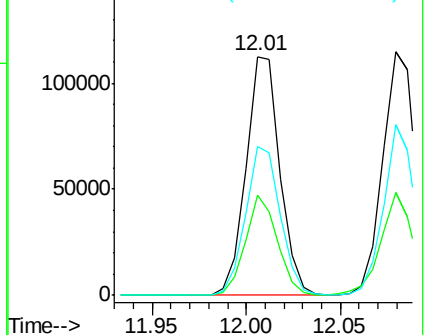
148 63.9 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.493 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

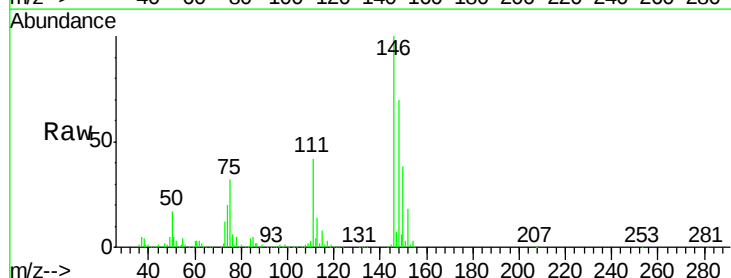
Tgt Ion:146 Resp: 141492

Ion Ratio Lower Upper

146 100

111 40.9 18.9 56.9

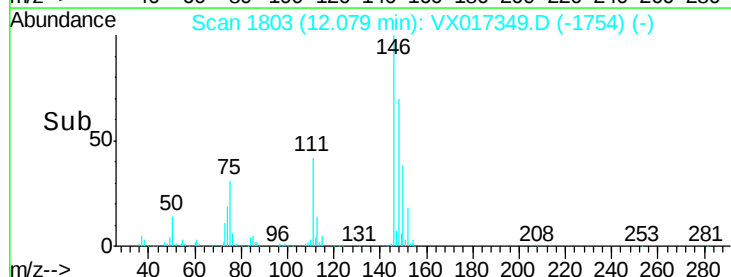
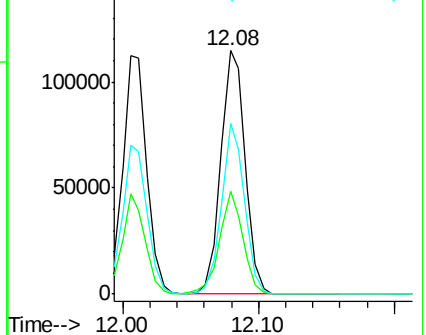
148 66.6 31.9 95.9

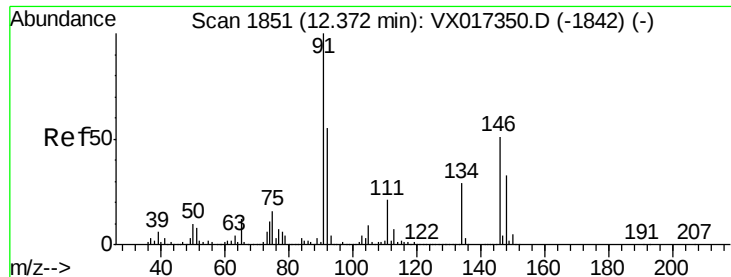


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.090 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

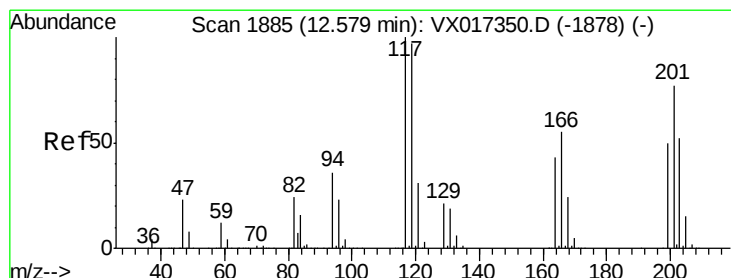
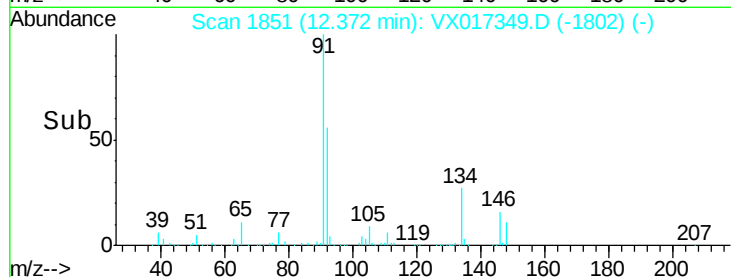
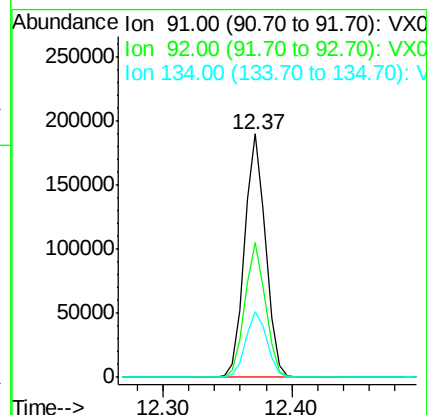
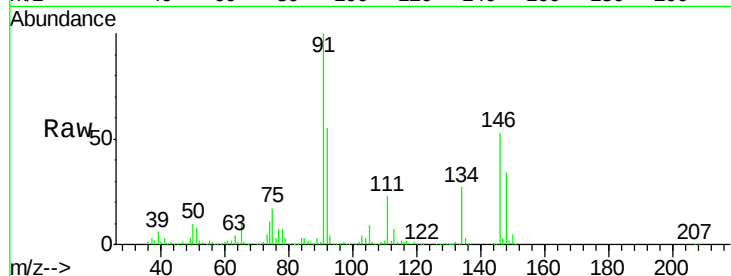
Tgt Ion: 91 Resp: 213459

Ion Ratio Lower Upper

91 100

92 54.6 27.0 81.0

134 27.2 14.1 42.2



#90

Hexachloroethane

Concen: 18.597 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX017349.D

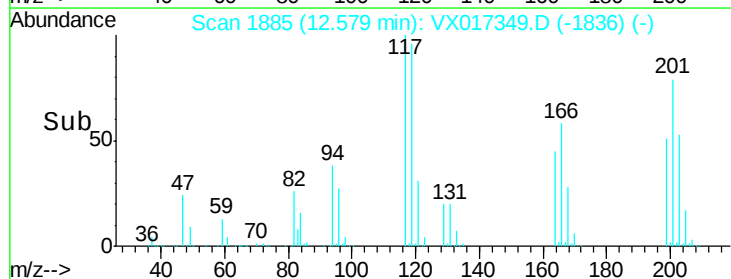
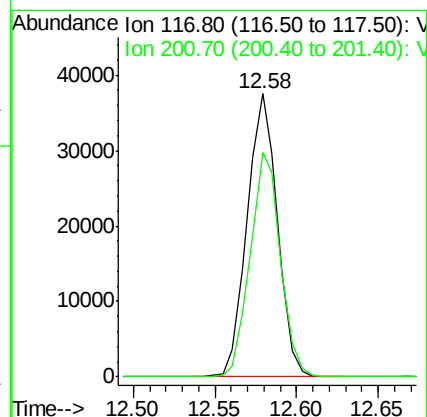
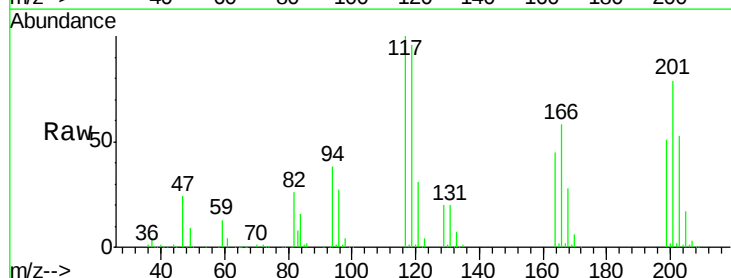
Acq: 13 Jul 2020 11:01

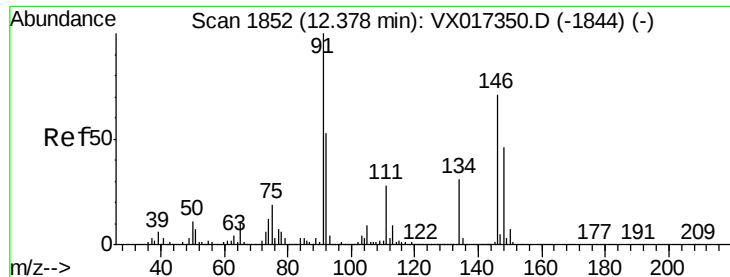
Tgt Ion: 117 Resp: 48515

Ion Ratio Lower Upper

117 100

201 79.1 41.0 123.0

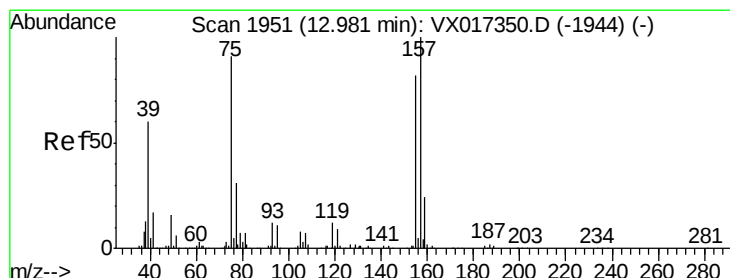
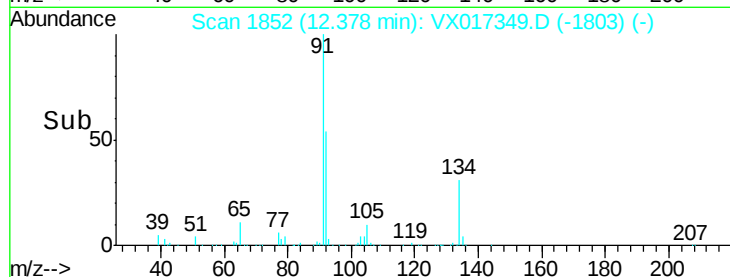
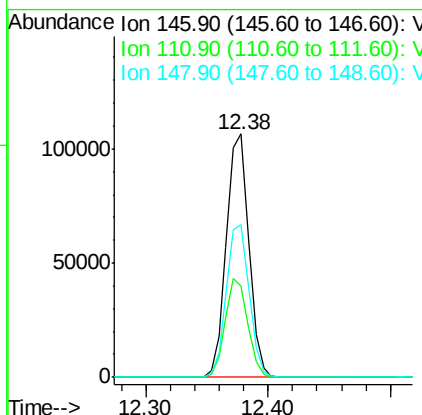
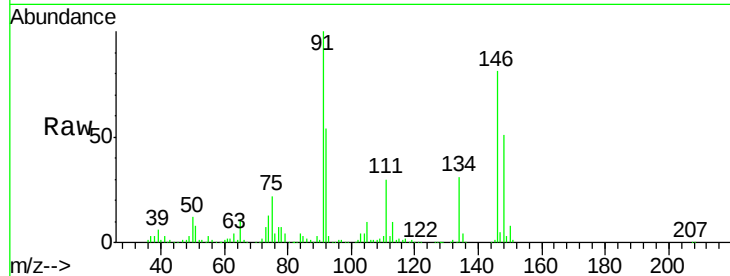




#91
 1,2-Dichlorobenzene
 Concen: 19.393 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017349.D
 Acq: 13 Jul 2020 11:01

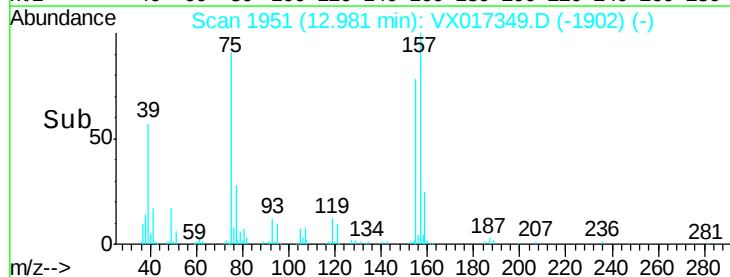
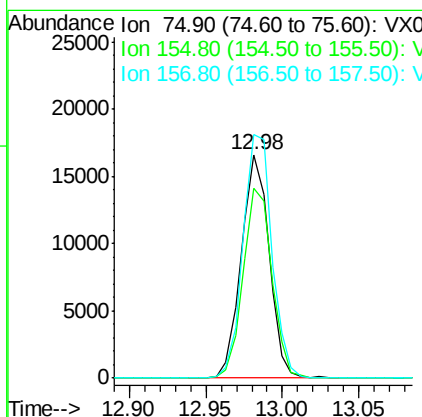
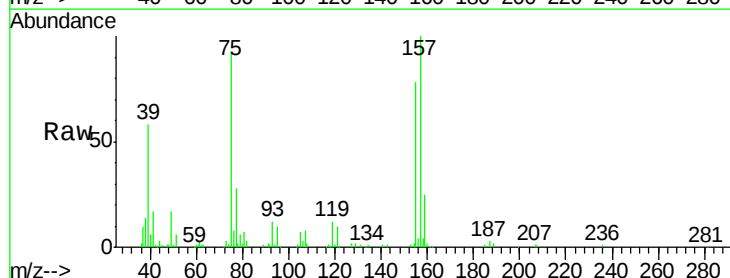
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

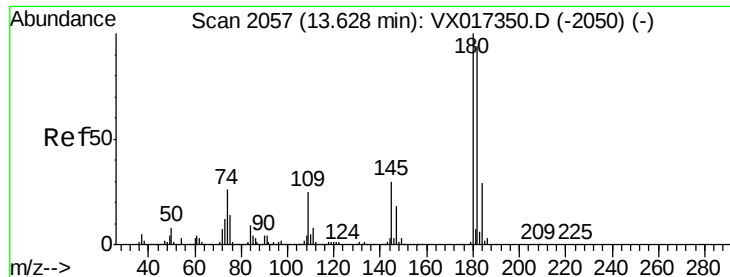
Tgt Ion: 146 Resp: 135195
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.3 61.0
 148 63.7 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.624 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017349.D
 Acq: 13 Jul 2020 11:01

Tgt Ion: 75 Resp: 20935
 Ion Ratio Lower Upper
 75 100
 155 87.8 46.5 139.3
 157 113.3 58.0 173.9

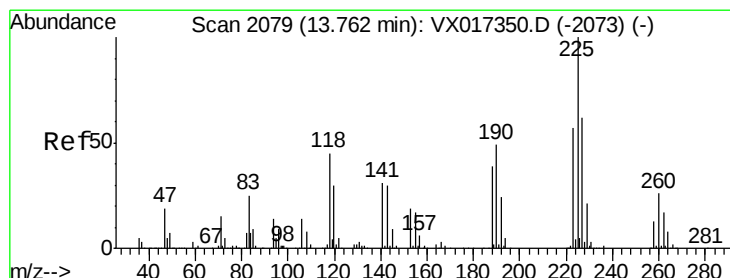
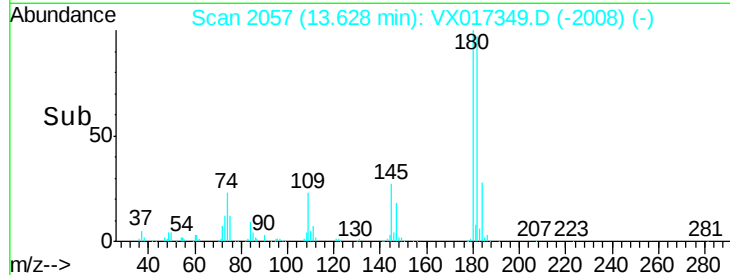
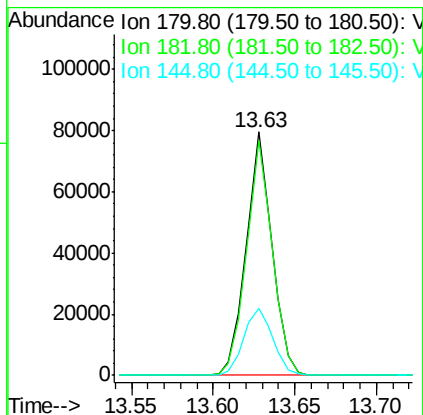
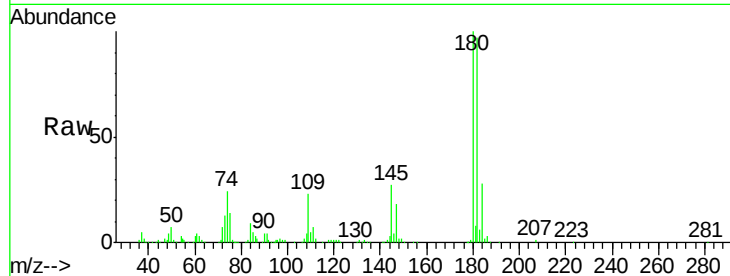




#93
 1,2,4-Trichlorobenzene
 Concen: 18.529 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017349.D
 Acq: 13 Jul 2020 11:01

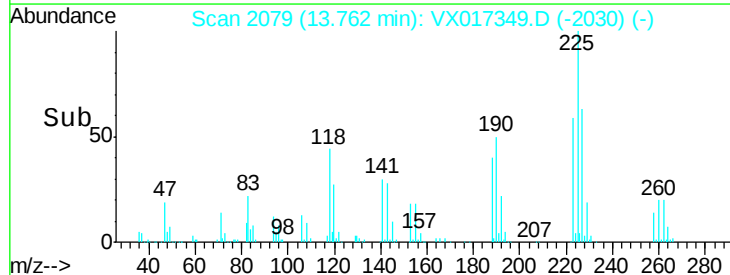
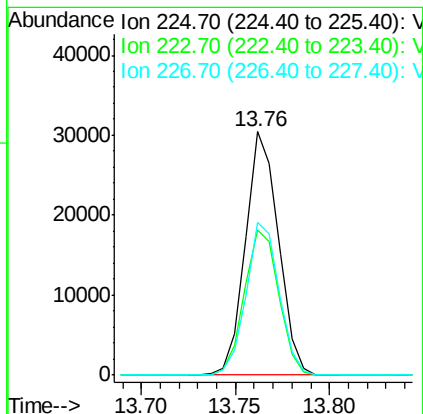
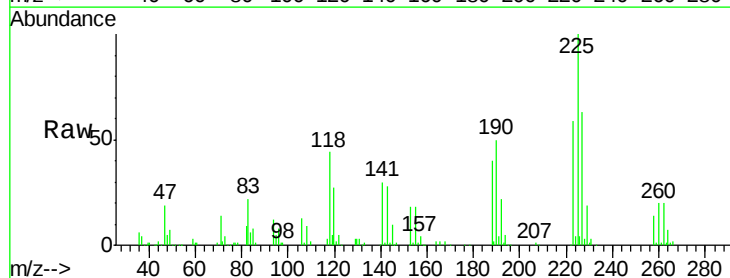
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

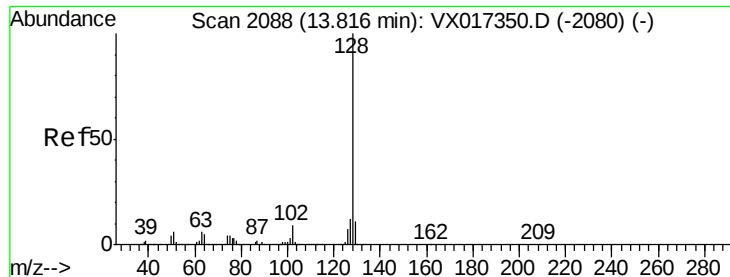
Tgt Ion:180 Resp: 88526
 Ion Ratio Lower Upper
 180 100
 182 96.4 48.4 145.0
 145 30.5 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 18.925 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX017349.D
 Acq: 13 Jul 2020 11:01

Tgt Ion:225 Resp: 36979
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.3 93.8
 227 62.8 31.6 95.0





#95

Naphthalene

Concen: 19.185 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

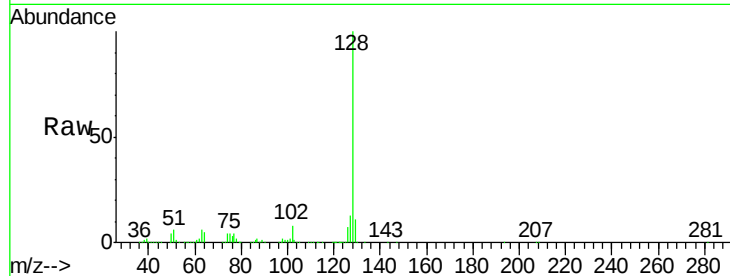
Tgt Ion:128 Resp: 275678

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

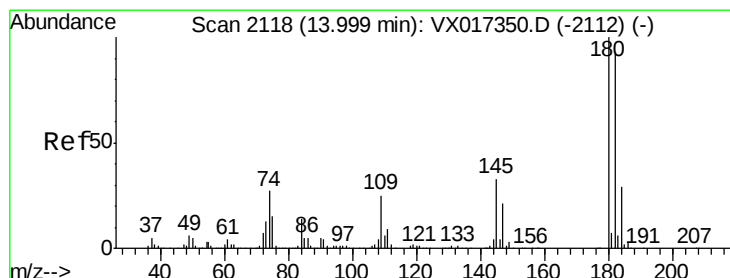
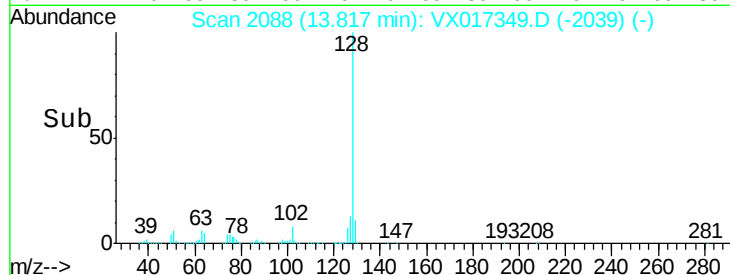
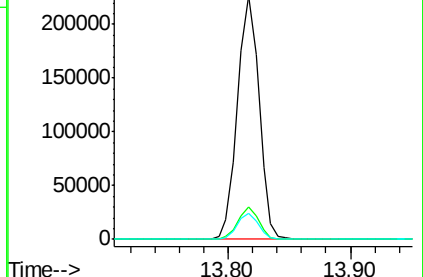
129 10.6 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.155 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX017349.D

Acq: 13 Jul 2020 11:01

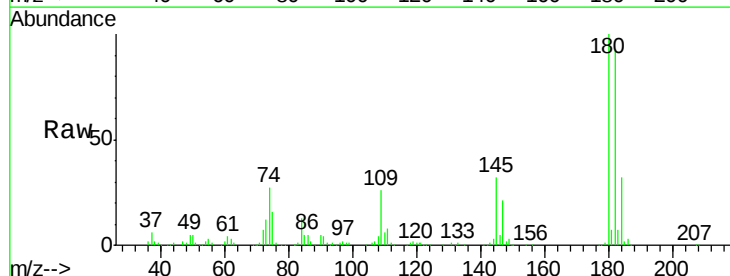
Tgt Ion:180 Resp: 88377

Ion Ratio Lower Upper

180 100

182 94.7 48.8 146.3

145 32.5 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

