

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072320\
 Data File : VX017482.D
 Acq On : 23 Jul 2020 09:45
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 29 08:09:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	624593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	949219	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	921391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	498443	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	43652	5.44	ug/l	0.00
Spiked Amount			Recovery	=	10.88%	
35) Dibromofluoromethane	5.46	113	34359	5.41	ug/l	-0.01
Spiked Amount			Recovery	=	10.82%	
50) Toluene-d8	8.70	98	118032	5.15	ug/l	0.00
Spiked Amount			Recovery	=	10.30%	
62) 4-Bromofluorobenzene	11.12	95	49325	5.38	ug/l	0.00
Spiked Amount			Recovery	=	10.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	38160	5.683	ug/l	98
3) Chloromethane	1.31	50	45474	6.214	ug/l	96
4) Vinyl Chloride	1.39	62	44547	5.668	ug/l	93
5) Bromomethane	1.62	94	29268	4.134	ug/l	98
6) Chloroethane	1.71	64	25058	5.096	ug/l	100
7) Trichlorofluoromethane	1.92	101	70301	5.687	ug/l	93
8) Diethyl Ether	2.17	74	24619	4.914	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	37371	5.509	ug/l	96
10) Methyl Iodide	2.49	142	44758	5.157	ug/l	97
11) Tert butyl alcohol	3.01	59	43619	25.796	ug/l	97
12) 1,1-Dichloroethene	2.36	96	36780	5.701	ug/l	90
13) Acrolein	2.27	56	18584	18.304	ug/l	99
14) Allyl chloride	2.70	41	68341	5.801	ug/l	99
15) Acrylonitrile	3.11	53	97881	26.800	ug/l	97
16) Acetone	2.42	43	93415	26.454	ug/l	99
17) Carbon Disulfide	2.55	76	114087	5.818	ug/l	97
18) Methyl Acetate	2.75	43	43732	5.258	ug/l	94
19) Methyl tert-butyl Ether	3.17	73	121690	5.450	ug/l	98
20) Methylene Chloride	2.83	84	43087	5.331	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	38936	5.634	ug/l	96
22) Diisopropyl ether	3.82	45	122497	5.687	ug/l	94
23) Vinyl Acetate	3.78	43	522744	27.219	ug/l	100
24) 1,1-Dichloroethane	3.67	63	69664	5.615	ug/l	97
25) 2-Butanone	4.64	43	119287	23.779	ug/l	92
26) 2,2-Dichloropropane	4.54	77	61869	5.570	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	41745	5.561	ug/l	93
28) Bromochloromethane	4.98	49	28248	5.024	ug/l	97
29) Tetrahydrofuran	5.09	42	75425	24.273	ug/l	98
30) Chloroform	5.17	83	70036	5.524	ug/l	90
31) Cyclohexane	5.54	56	53936	5.451	ug/l	95
32) 1,1,1-Trichloroethane	5.45	97	66319	5.547	ug/l	99
36) 1,1-Dichloropropene	5.76	75	50277	5.523	ug/l	97
37) Ethyl Acetate	4.79	43	49344	4.954	ug/l	94
38) Carbon Tetrachloride	5.76	117	61111	5.528	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072320\
 Data File : VX017482.D
 Acq On : 23 Jul 2020 09:45
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Quant Time: Jul 29 08:09:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	56812	5.346	ug/l	97
40) Benzene	6.11	78	134552	5.155	ug/l	100
41) Methacrylonitrile	4.99	41	28433	4.980	ug/l	95
42) 1,2-Dichloroethane	6.15	62	55103	5.161	ug/l	96
43) Isopropyl Acetate	6.41	43	81795	4.977	ug/l #	96
44) Trichloroethene	7.18	130	41042	5.381	ug/l	98
45) 1,2-Dichloropropane	7.49	63	36888	5.098	ug/l	90
46) Dibromomethane	7.64	93	24660	4.823	ug/l	93
47) Bromodichloromethane	7.87	83	54317	5.279	ug/l	88
48) Methyl methacrylate	7.74	41	38714	4.752	ug/l	98
49) 1,4-Dioxane	7.71	88	14200	90.914	ug/l	92
51) 4-Methyl-2-Pentanone	8.62	43	240948	24.571	ug/l	98
52) Toluene	8.76	92	88019	5.258	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	62631	5.438	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	61251	5.214	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	36051	5.170	ug/l #	87
56) Ethyl methacrylate	9.15	69	50505	4.808	ug/l	98
57) 1,3-Dichloropropane	9.35	76	59661	5.196	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	140683	25.419	ug/l	99
59) 2-Hexanone	9.47	43	177413	24.030	ug/l	96
60) Dibromochloromethane	9.56	129	43892	4.952	ug/l	97
61) 1,2-Dibromoethane	9.65	107	38651	5.206	ug/l	100
64) Tetrachloroethene	9.32	164	43091	5.211	ug/l	96
65) Chlorobenzene	10.12	112	100627	5.046	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	39311	4.884	ug/l	97
67) Ethyl Benzene	10.23	91	166967	5.015	ug/l	93
68) m/p-Xylenes	10.34	106	131336	10.183	ug/l	94
69) o-Xylene	10.68	106	60022	4.839	ug/l	99
70) Styrene	10.70	104	100944	4.783	ug/l	99
71) Bromoform	10.84	173	32539	4.666	ug/l	99
73) Isopropylbenzene	11.00	105	182429	5.335	ug/l	100
74) N-amyl acetate	10.88	43	77516	5.102	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	56495	5.293	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	69350	6.764	ug/l	79
77) Bromobenzene	11.24	156	50329	5.258	ug/l	97
78) n-propylbenzene	11.34	91	201370	5.222	ug/l	99
79) 2-Chlorotoluene	11.40	91	121192	5.073	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	143572	4.918	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	20517	5.042	ug/l	98
82) 4-Chlorotoluene	11.49	91	143422	5.089	ug/l	98
83) tert-Butylbenzene	11.76	119	142950	5.117	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	142242	4.898	ug/l	99
85) sec-Butylbenzene	11.93	105	160943	4.946	ug/l	99
86) p-Isopropyltoluene	12.05	119	160445	5.177	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	83471	5.078	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	88488	5.197	ug/l	97
89) n-Butylbenzene	12.37	91	137336	4.973	ug/l	98
90) Hexachloroethane	12.58	117	30200	4.943	ug/l	89
91) 1,2-Dichlorobenzene	12.38	146	82908	5.132	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	12390	6.470	ug/l	95

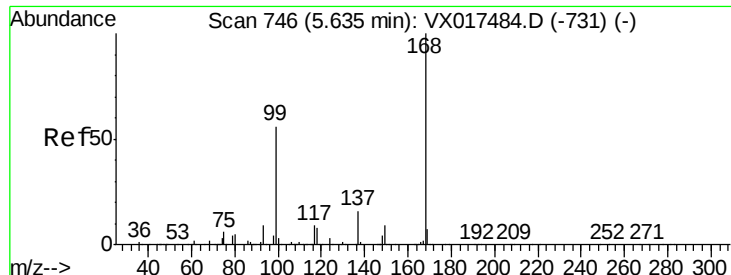
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072320\
Data File : VX017482.D
Acq On : 23 Jul 2020 09:45
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Jul 29 08:09:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	52807	4.789	ug/l	97
94) Hexachlorobutadiene	13.76	225	23248	4.580	ug/l	94
95) Naphthalene	13.82	128	143885	4.371	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	51487	4.729	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

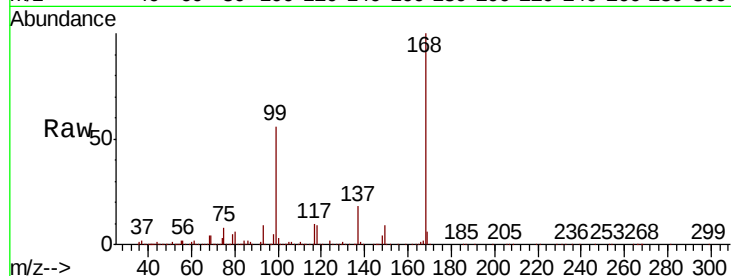
VSTDIC005

Tot Ion:168 Resp: 624593

Ion Ratio Lower Upper

168 100

99 55.6 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

150000

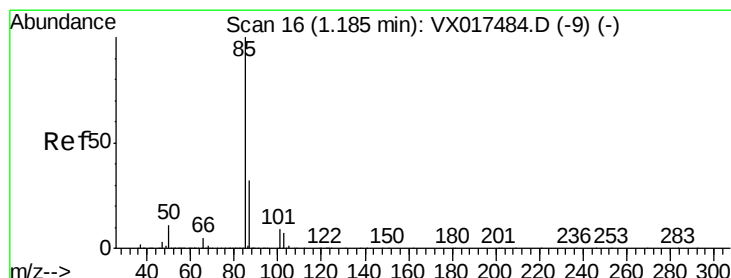
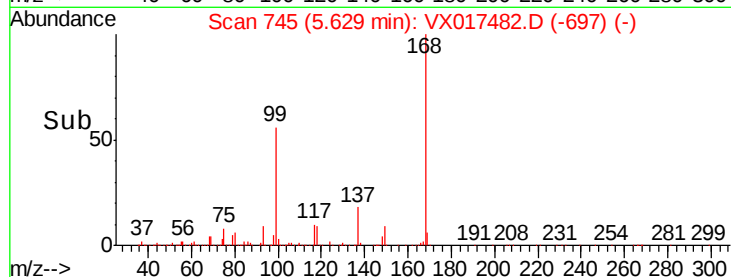
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 5.683 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017482.D

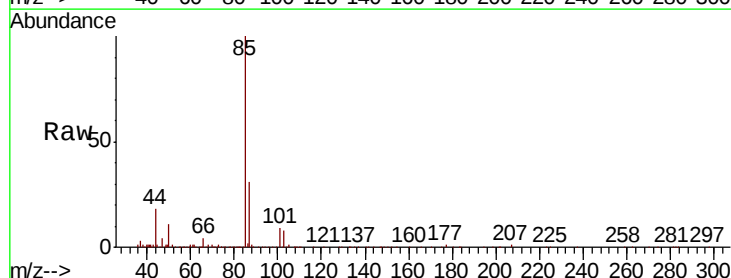
Acq: 23 Jul 2020 09:45

Tgt Ion: 85 Resp: 38160

Ion Ratio Lower Upper

85 100

87 31.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

50000

40000

30000

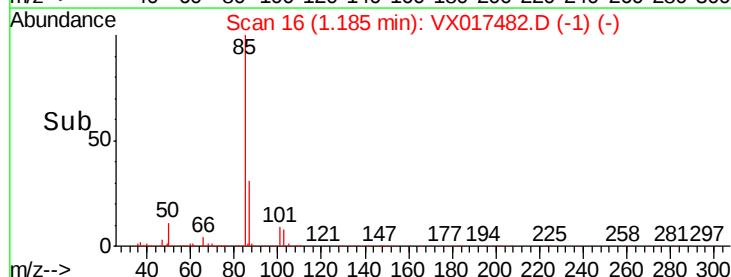
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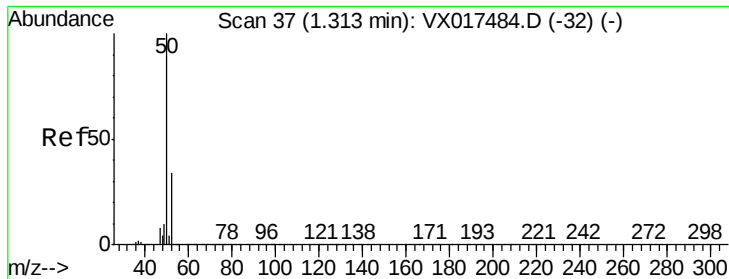
10000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 6.214 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

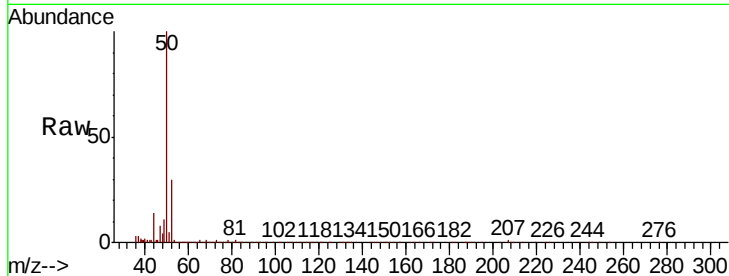
VSTDIC005

Tot Ion: 50 Resp: 45474

Ion Ratio Lower Upper

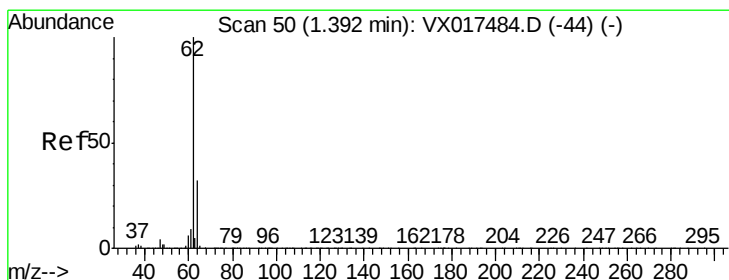
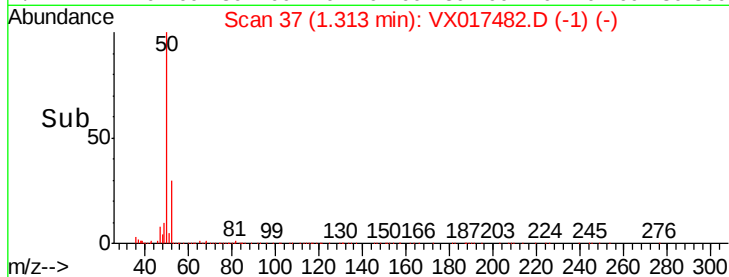
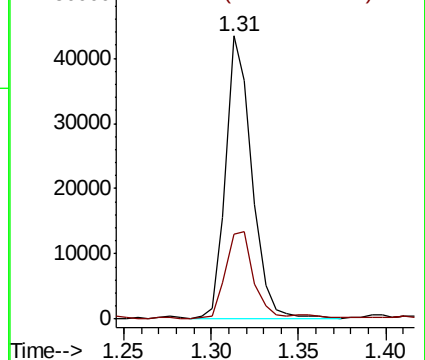
50 100

52 29.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 5.668 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017482.D

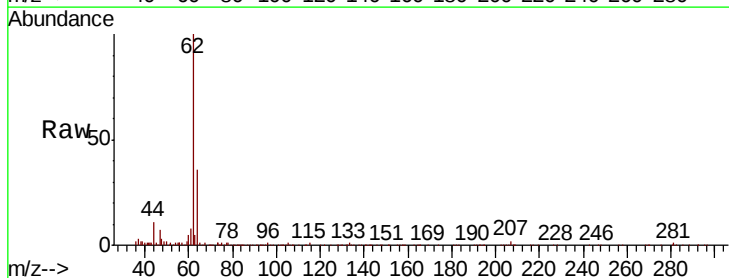
Acq: 23 Jul 2020 09:45

Tgt Ion: 62 Resp: 44547

Ion Ratio Lower Upper

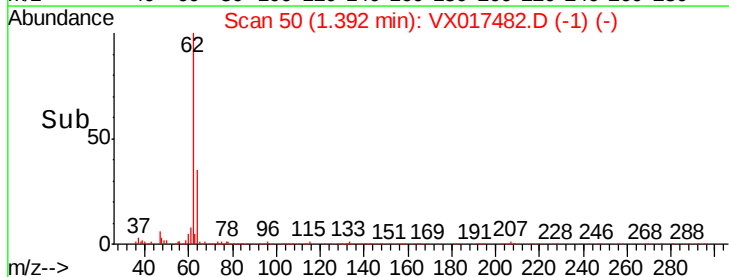
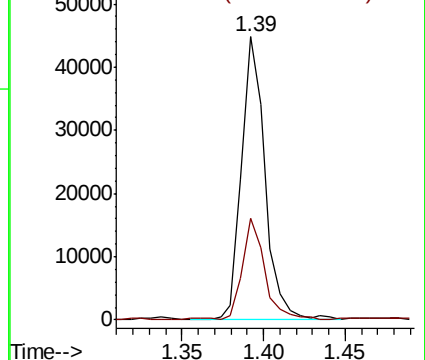
62 100

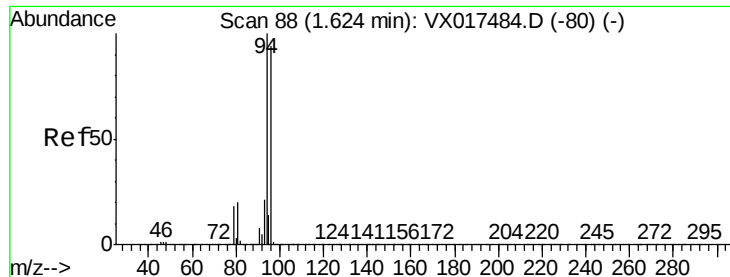
64 35.6 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 4.134 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

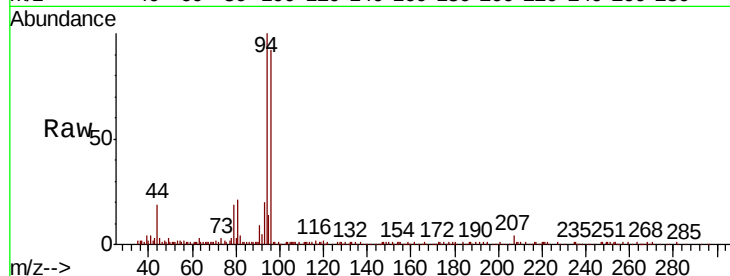
VSTDIC005

Tot Ion: 94 Resp: 29268

Ion Ratio Lower Upper

94 100

96 90.9 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

30000

25000

20000

15000

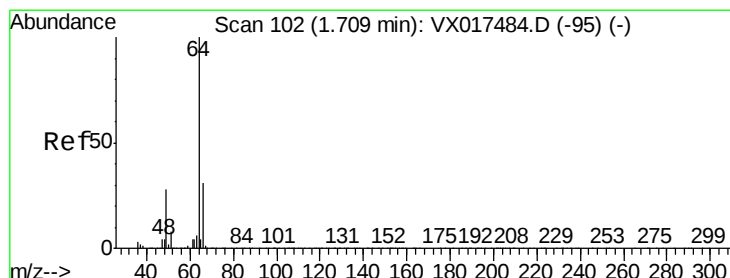
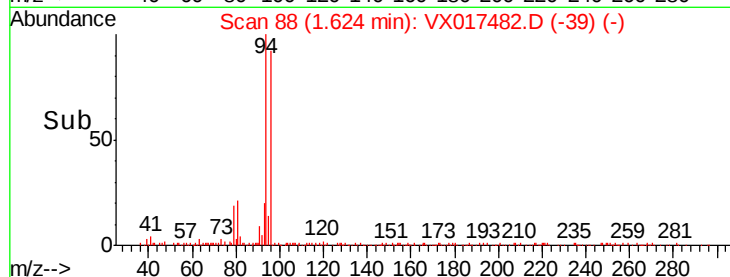
10000

5000

0

Time-->

1.50 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 5.096 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017482.D

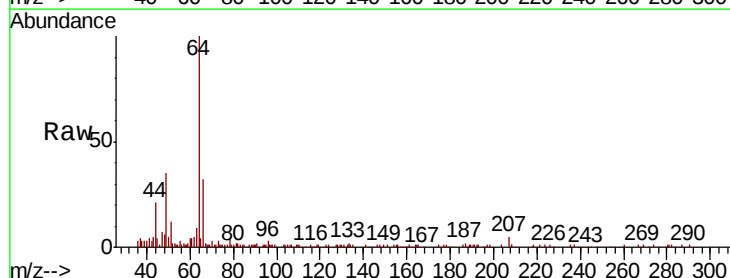
Acq: 23 Jul 2020 09:45

Tgt Ion: 64 Resp: 25058

Ion Ratio Lower Upper

64 100

66 31.3 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

20000

15000

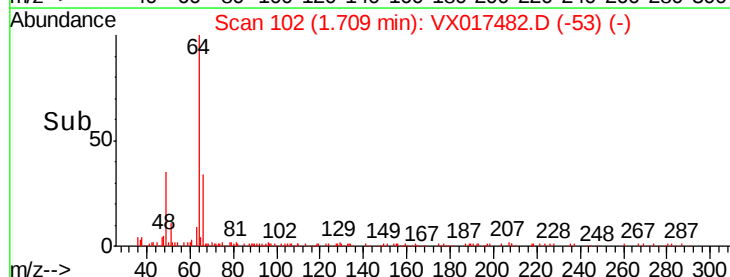
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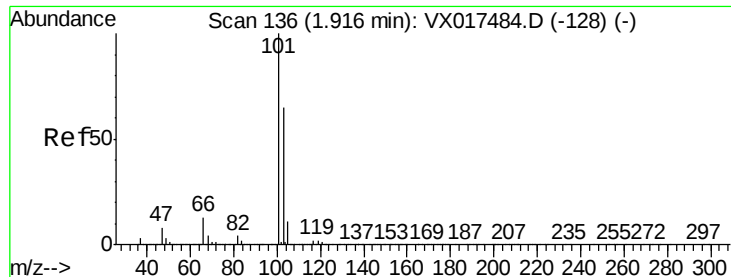
5000

0

Time-->

1.65 1.70 1.75 1.80



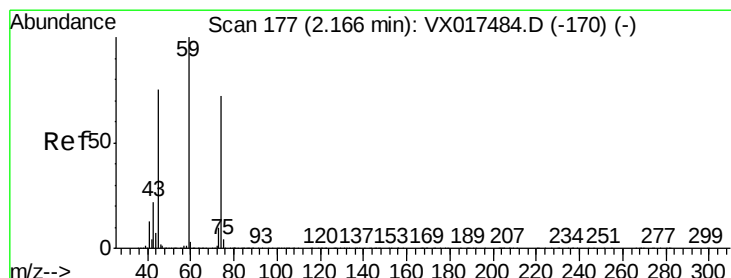
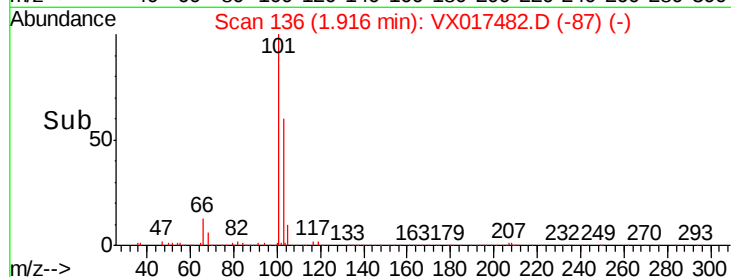
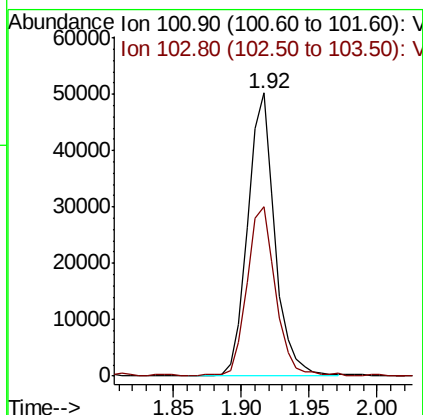
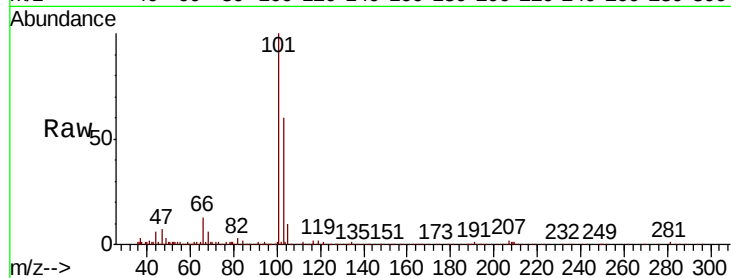


#7

Trichlorofluoromethane
 Concen: 5.687 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017482.D
 Acq: 23 Jul 2020 09:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

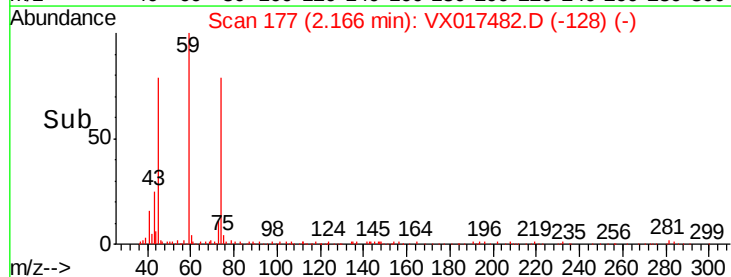
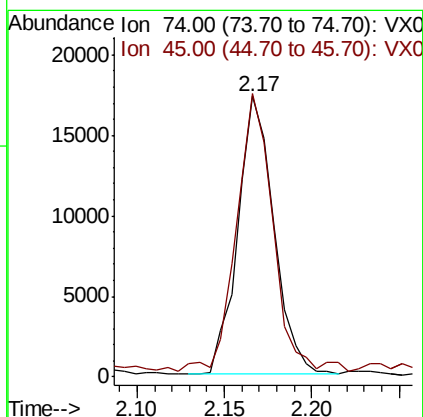
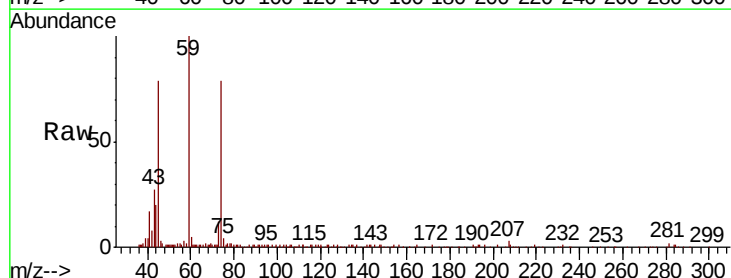
Tot Ion:101 Resp: 70301
 Ion Ratio Lower Upper
 101 100
 103 59.6 51.8 77.8

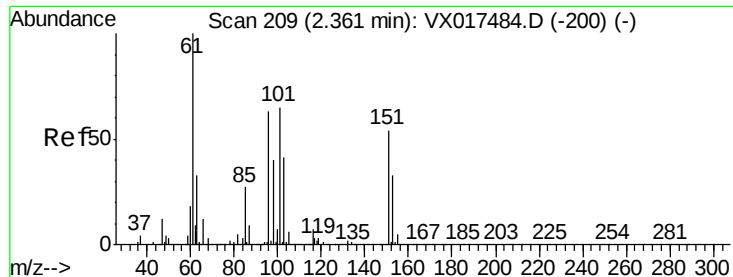


#8

Diethyl Ether
 Concen: 4.914 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017482.D
 Acq: 23 Jul 2020 09:45

Tgt Ion: 74 Resp: 24619
 Ion Ratio Lower Upper
 74 100
 45 101.3 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.509 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

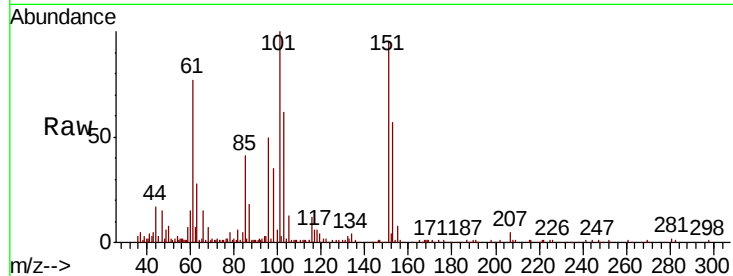
Tot Ion:101 Resp: 37371

Ion Ratio Lower Upper

101 100

85 48.1 34.8 52.2

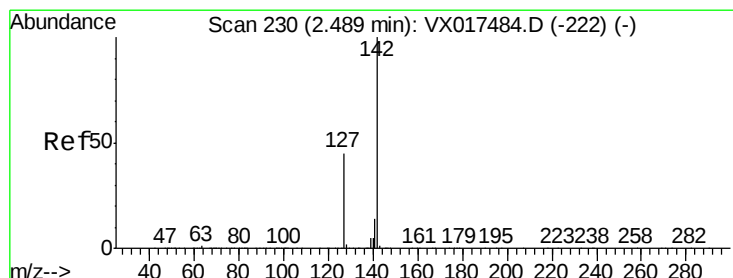
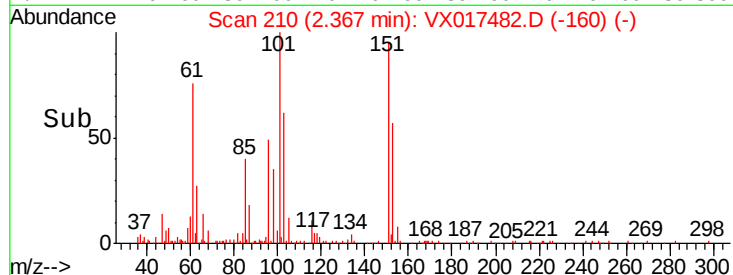
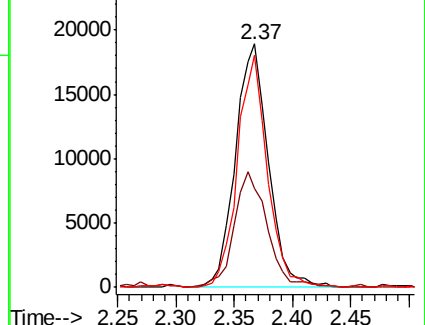
151 86.8 68.0 102.0



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: 5.157 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

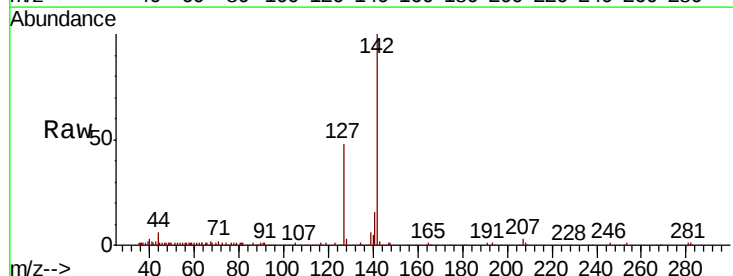
Tgt Ion:142 Resp: 44758

Ion Ratio Lower Upper

142 100

127 46.9 35.9 53.9

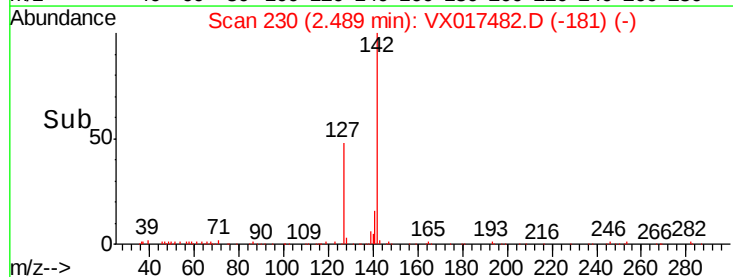
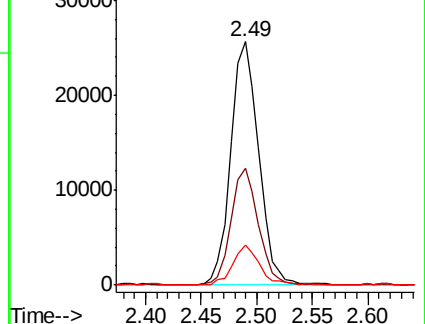
141 15.8 11.4 17.0

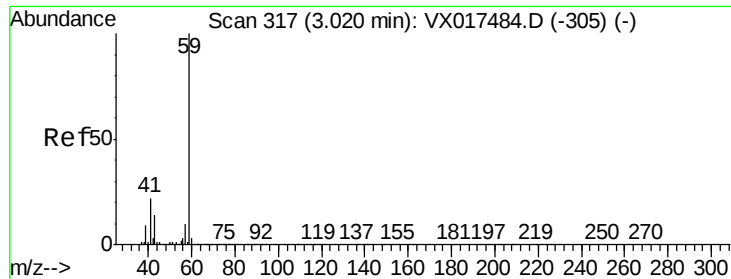


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



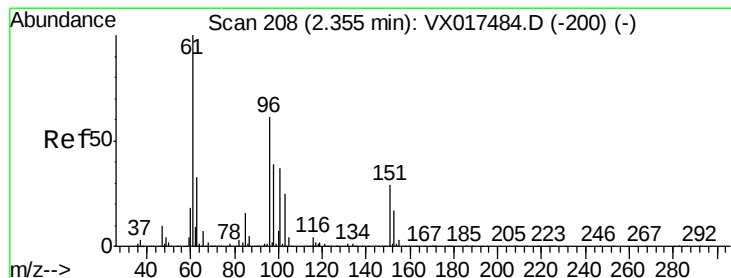
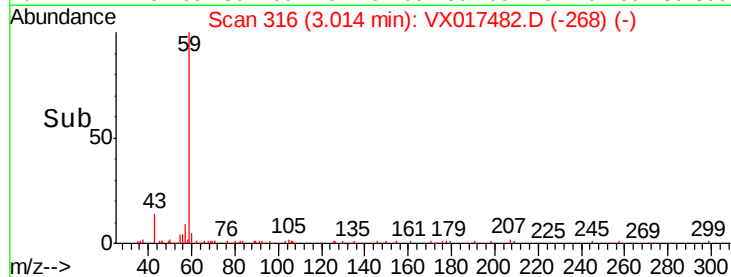
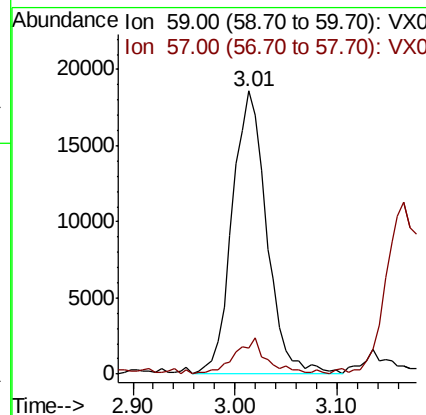
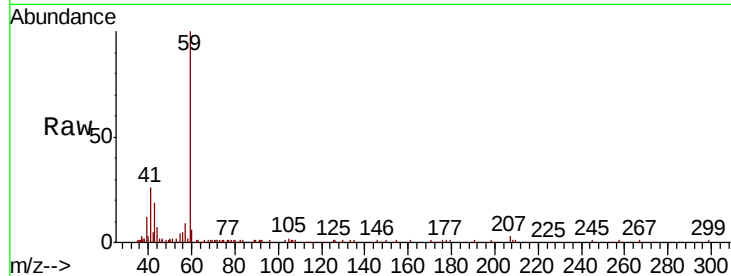


#11

Tert butyl alcohol
 Concen: 25.796 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX017482.D
 Acq: 23 Jul 2020 09:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

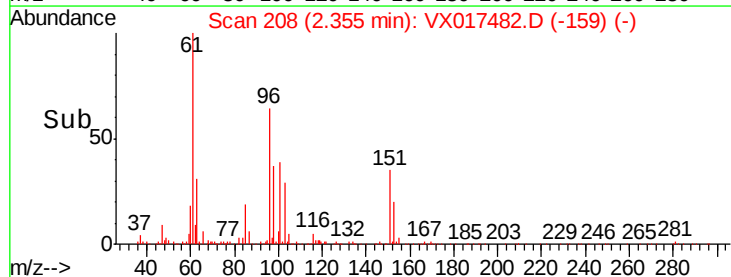
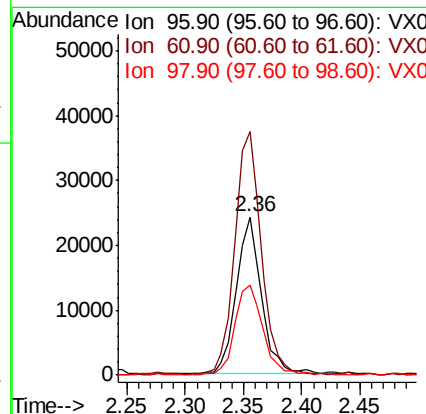
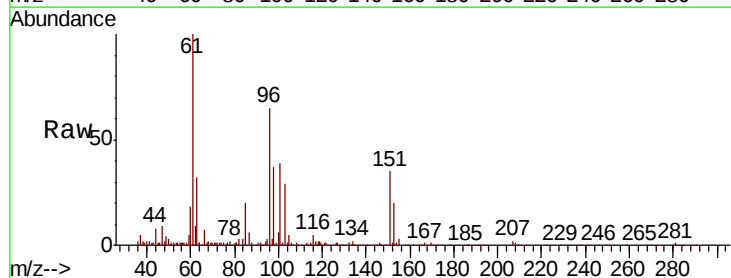
Tot Ion: 59 Resp: 43619
 Ion Ratio Lower Upper
 59 100
 57 11.7 8.6 12.8

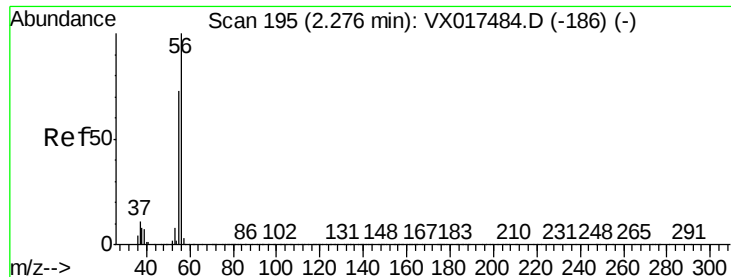


#12

1,1-Dichloroethene
 Concen: 5.701 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017482.D
 Acq: 23 Jul 2020 09:45

Tgt Ion: 96 Resp: 36780
 Ion Ratio Lower Upper
 96 100
 61 153.9 134.0 201.0
 98 57.3 51.0 76.4





#13

Acrolein

Concen: 18.304 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

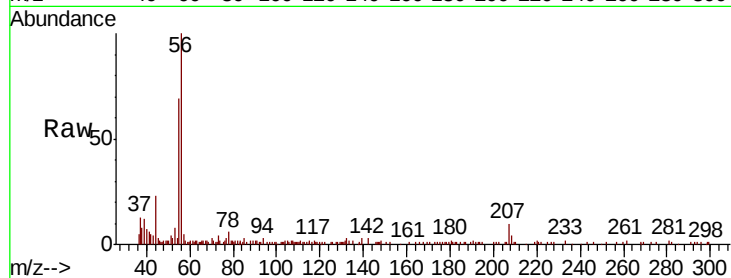
VSTDIC005

Tot Ion: 56 Resp: 18584

Ion Ratio Lower Upper

56 100

55 72.5 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

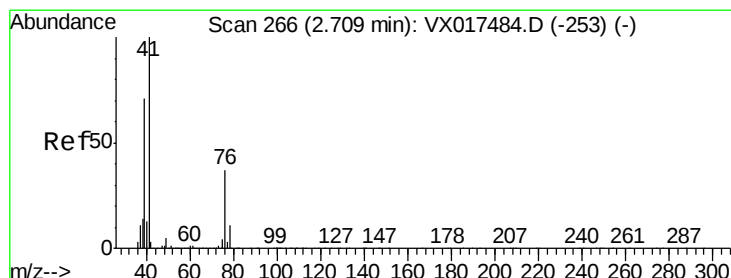
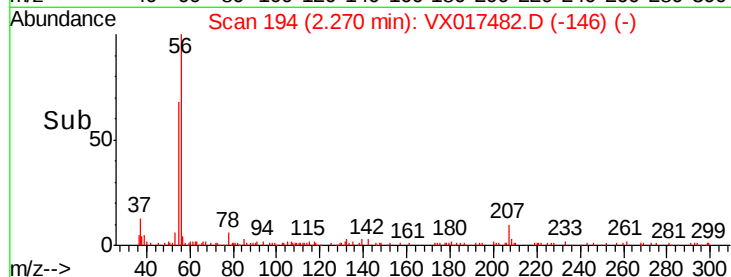
10000

5000

0

Time-->

2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 5.801 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

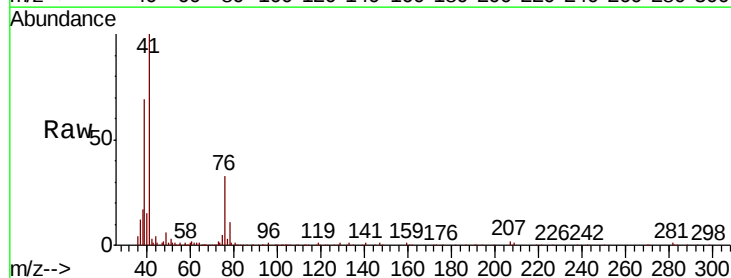
Tgt Ion: 41 Resp: 68341

Ion Ratio Lower Upper

41 100

39 64.1 51.9 77.9

76 32.5 25.5 38.3



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

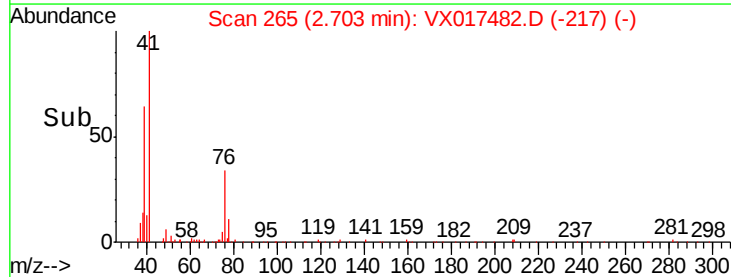
40000

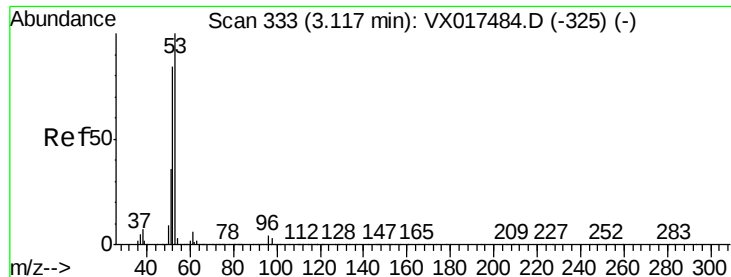
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 26.800 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

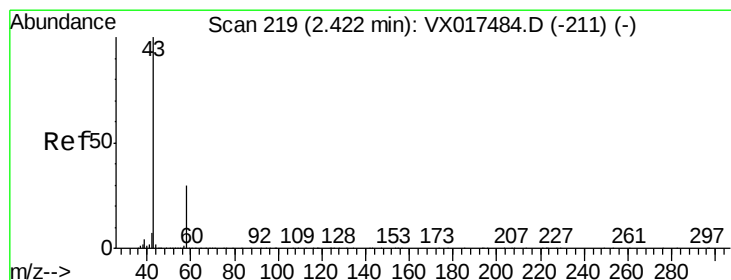
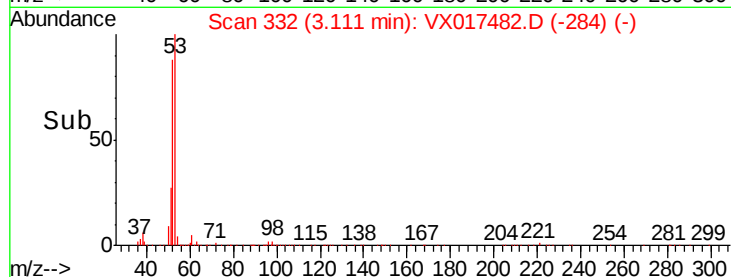
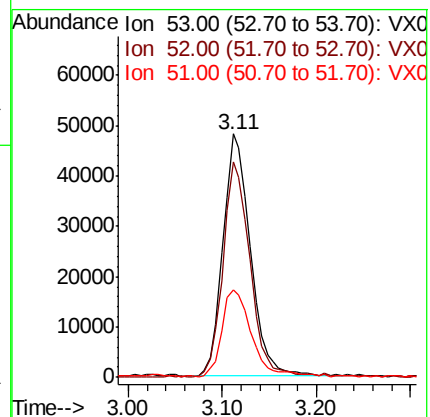
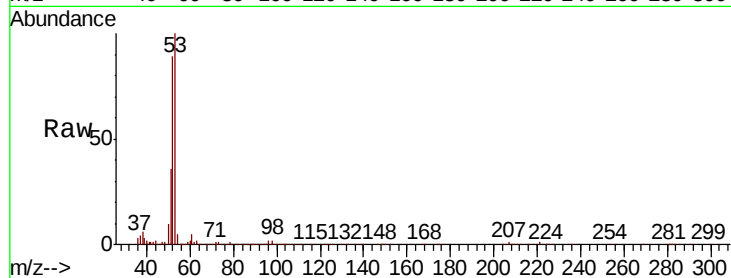
Tot Ion: 53 Resp: 97881

Ion Ratio Lower Upper

53 100

52 86.1 66.6 99.8

51 37.8 29.4 44.2



#16

Acetone

Concen: 26.454 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017482.D

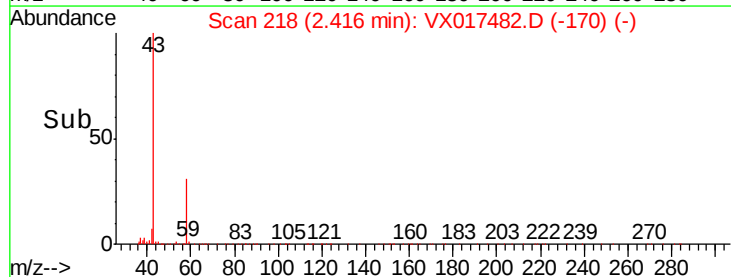
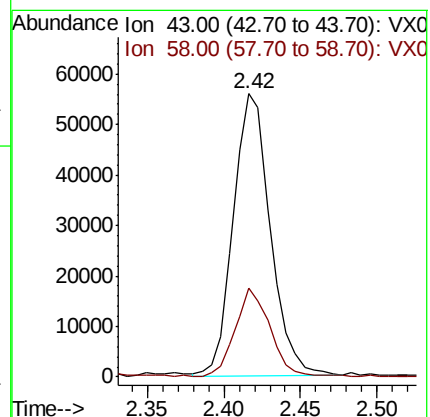
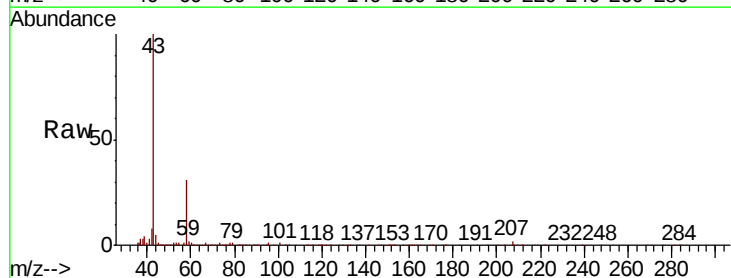
Acq: 23 Jul 2020 09:45

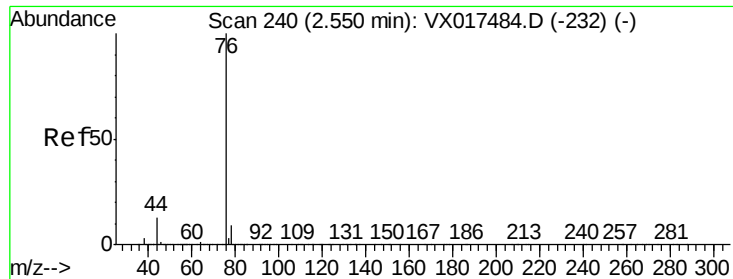
Tgt Ion: 43 Resp: 93415

Ion Ratio Lower Upper

43 100

58 30.9 24.2 36.4





#17

Carbon Disulfide

Concen: 5.818 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

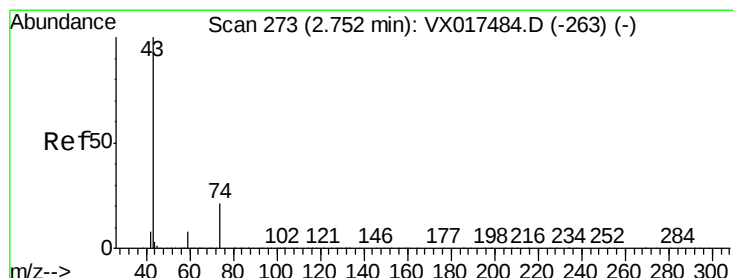
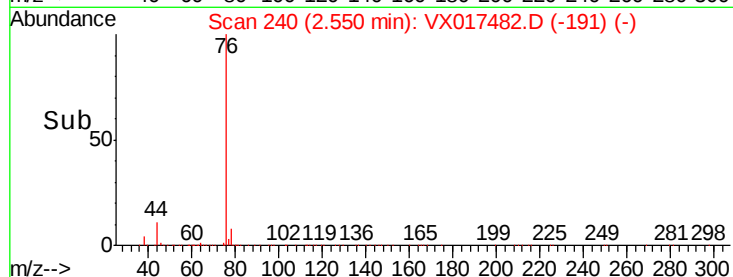
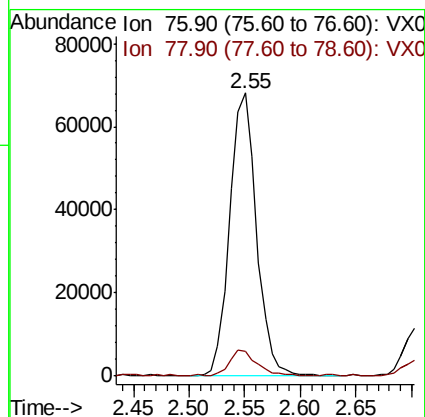
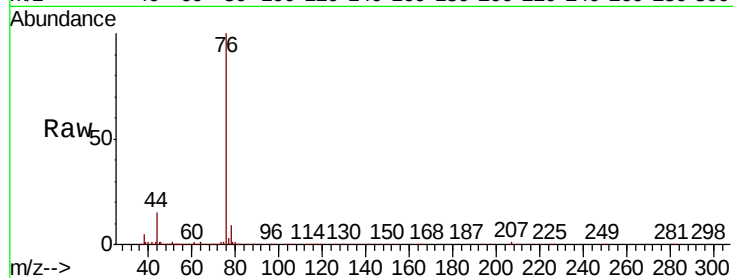
VSTDIC005

Tot Ion: 76 Resp: 114087

Ion Ratio Lower Upper

76 100

78 8.3 7.5 11.3



#18

Methyl Acetate

Concen: 5.258 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017482.D

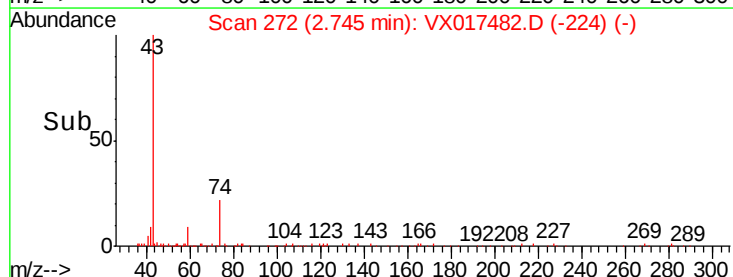
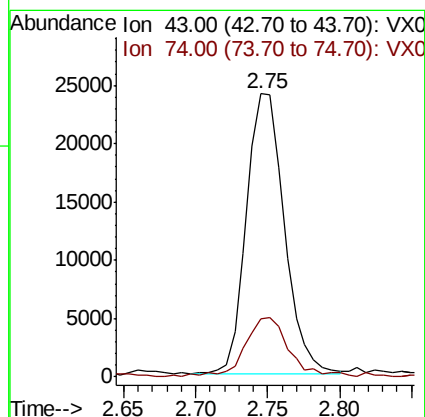
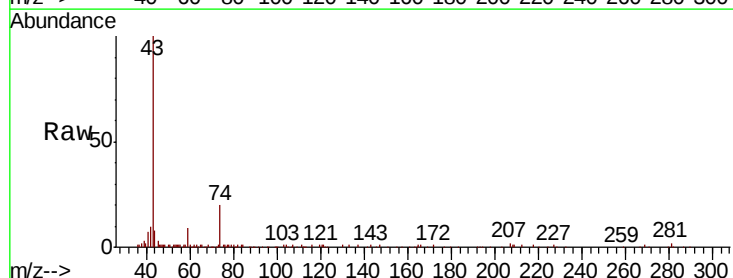
Acq: 23 Jul 2020 09:45

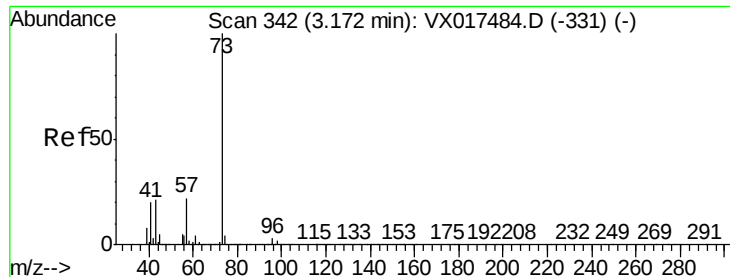
Tgt Ion: 43 Resp: 43732

Ion Ratio Lower Upper

43 100

74 24.7 17.5 26.3

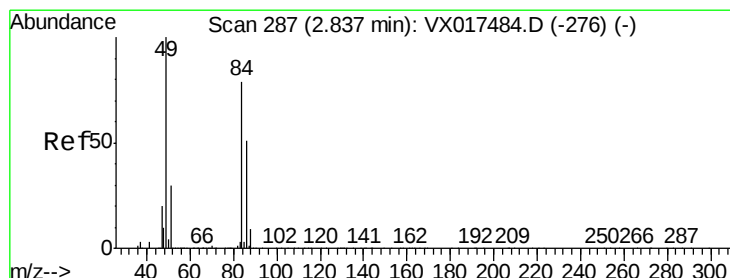
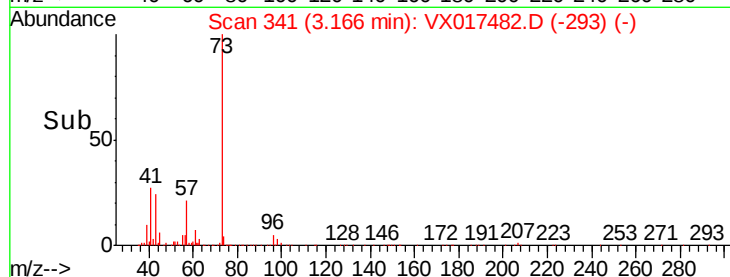
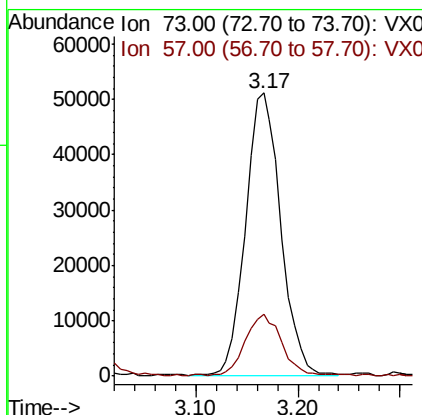
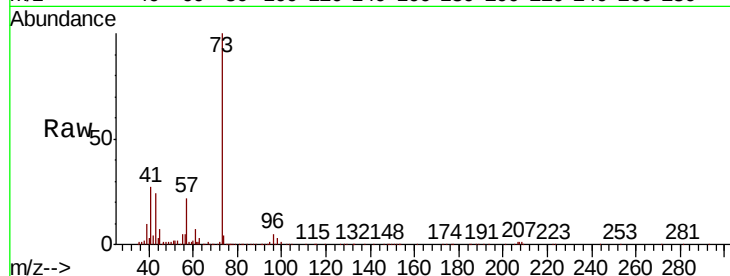




#19
Methyl tert-butyl Ether
Concen: 5.450 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

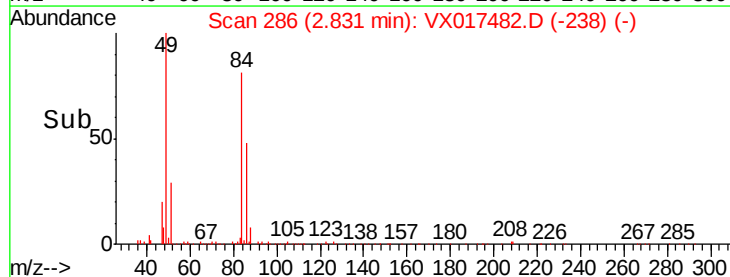
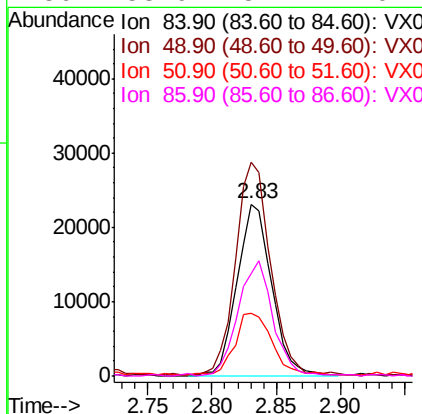
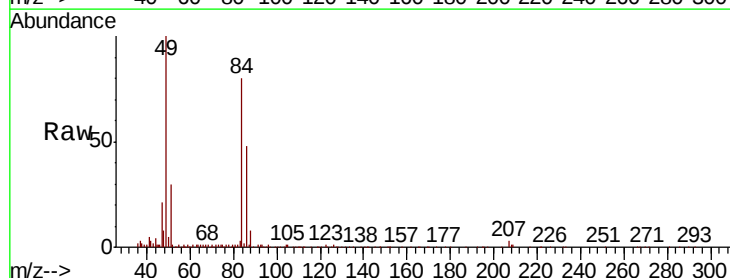
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

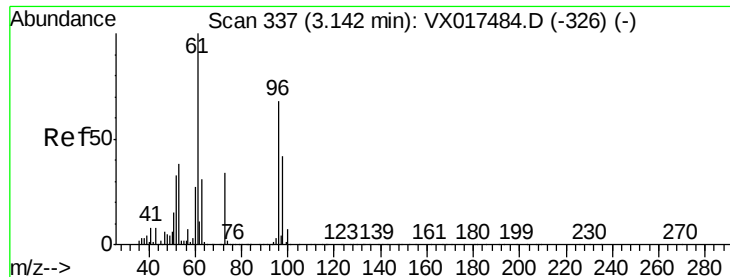
Tot Ion: 73 Resp: 121690
Ion Ratio Lower Upper
73 100
57 22.1 17.0 25.4



#20
Methylene Chloride
Concen: 5.331 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion: 84 Resp: 43087
Ion Ratio Lower Upper
84 100
49 123.6 100.3 150.5
51 36.1 30.5 45.7
86 58.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 5.634 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

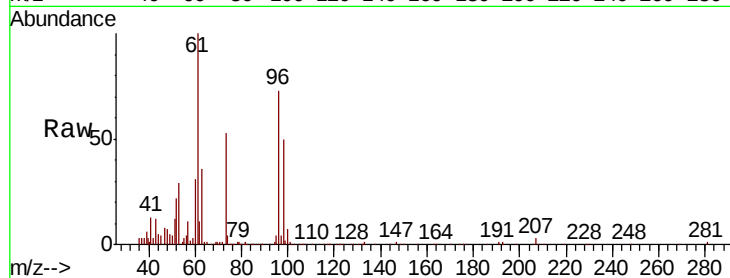
Tot Ion: 96 Resp: 38936

Ion Ratio Lower Upper

96 100

61 135.6 113.0 169.4

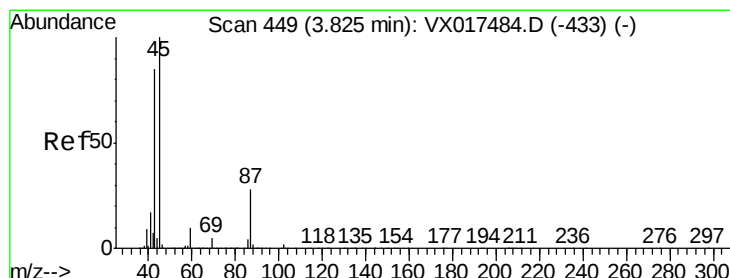
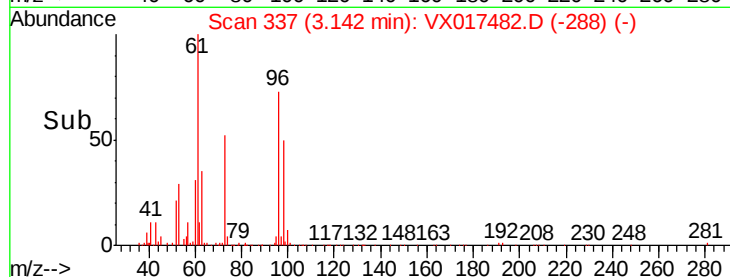
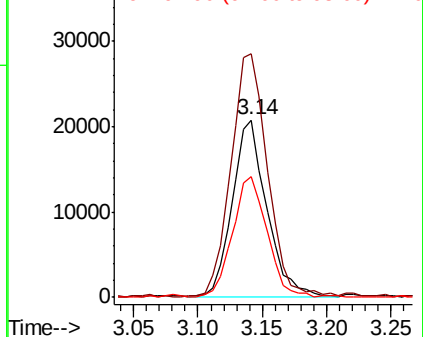
98 68.1 51.8 77.8



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: 5.687 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Tgt Ion: 45 Resp: 122497

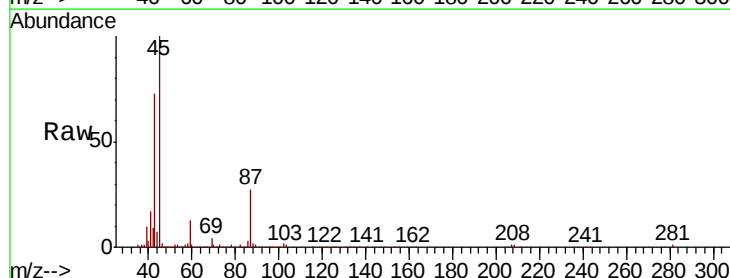
Ion Ratio Lower Upper

45 100

43 71.1 52.0 78.0

87 26.7 22.2 33.4

59 13.3 8.9 13.3

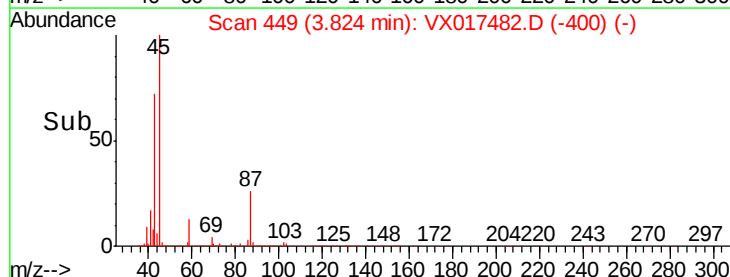
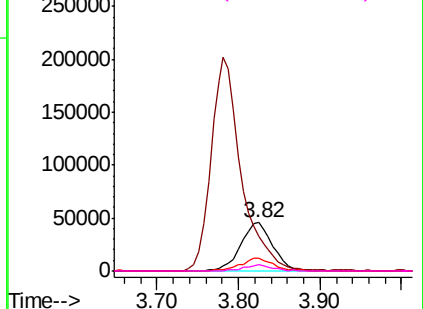


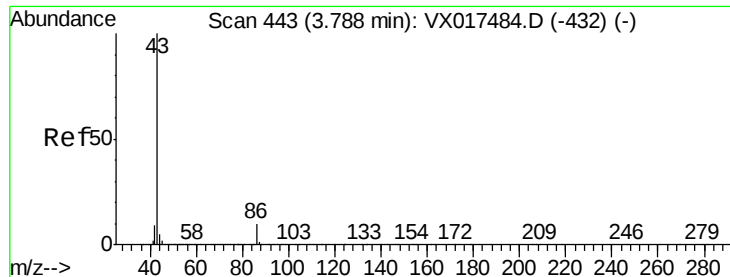
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 27.219 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

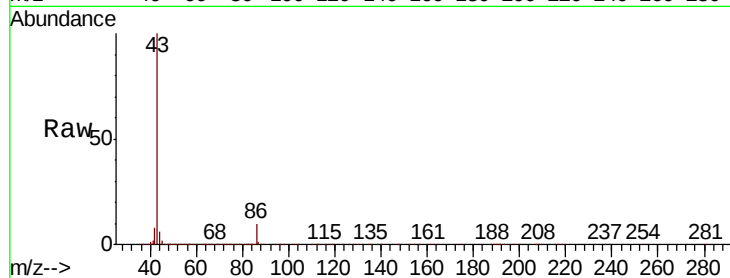
VSTDIC005

Tot Ion: 43 Resp: 522744

Ion Ratio Lower Upper

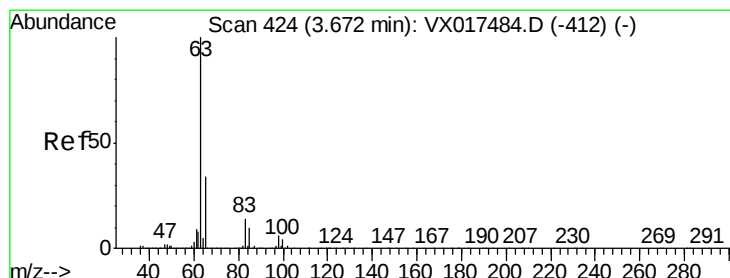
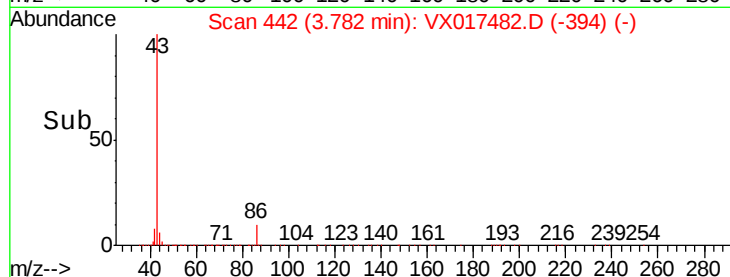
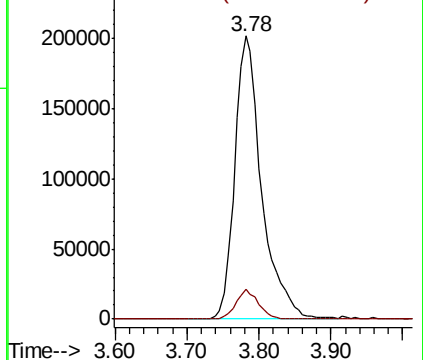
43 100

86 10.3 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 5.615 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

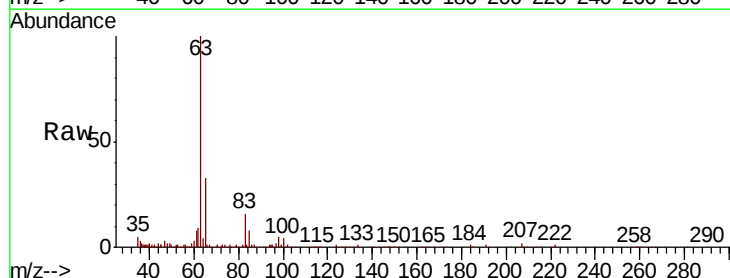
Tgt Ion: 63 Resp: 69664

Ion Ratio Lower Upper

63 100

98 5.0 3.4 10.1

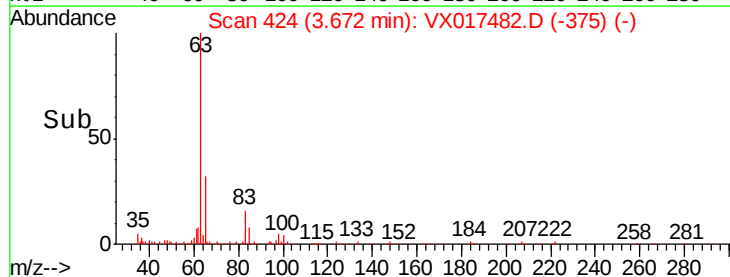
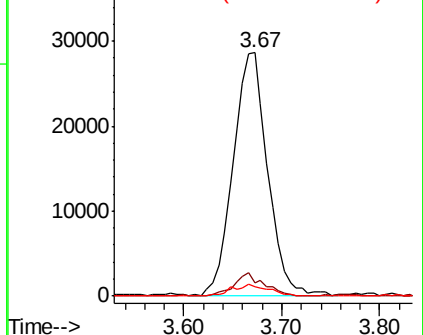
100 3.8 1.9 5.7

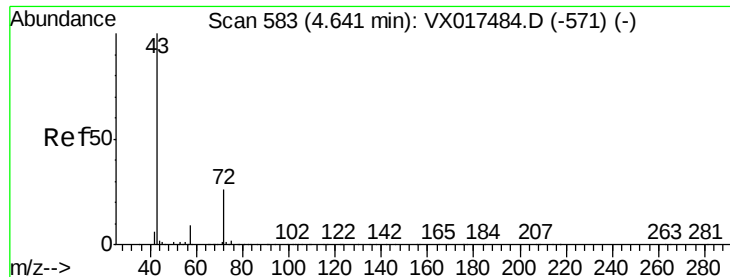


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 23.779 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

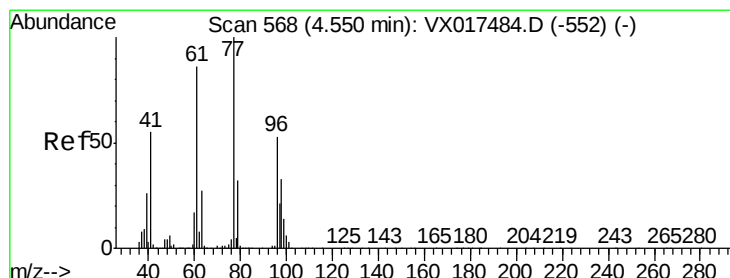
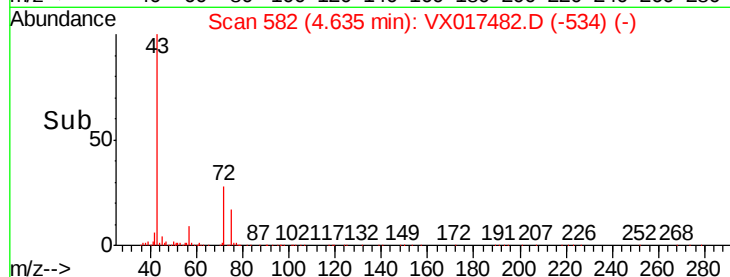
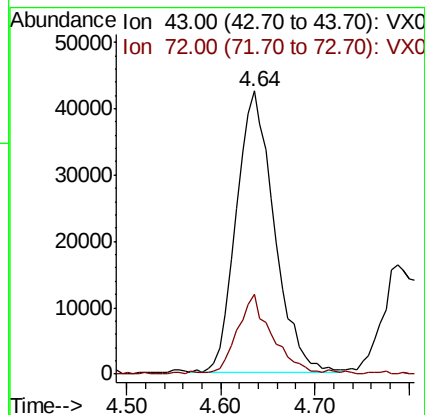
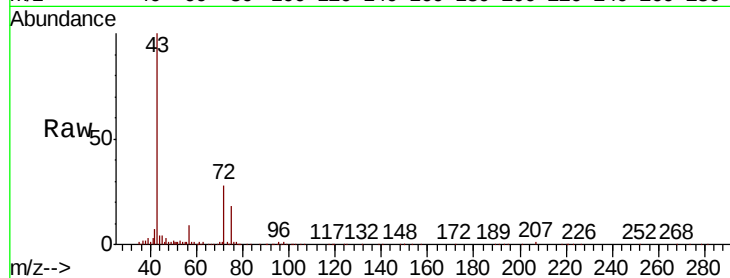
VSTDIC005

Tot Ion: 43 Resp: 119287

Ion Ratio Lower Upper

43 100

72 27.5 19.0 28.4



#26

2,2-Dichloropropane

Concen: 5.570 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017482.D

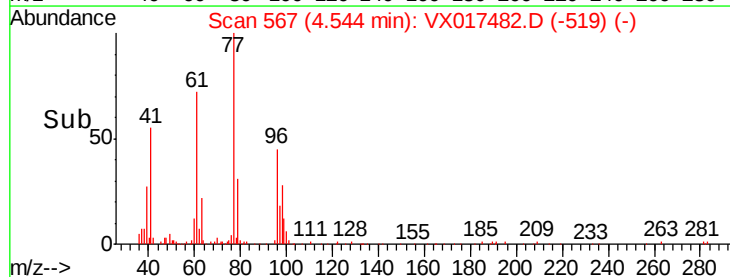
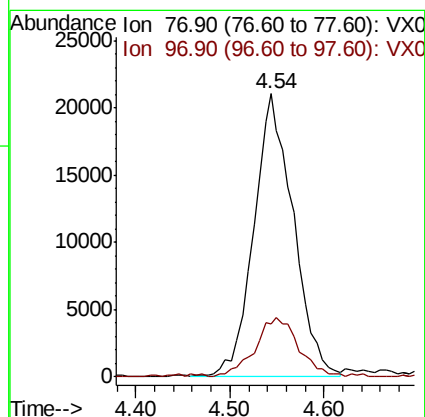
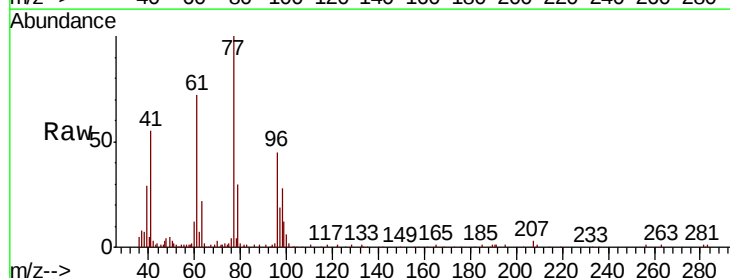
Acq: 23 Jul 2020 09:45

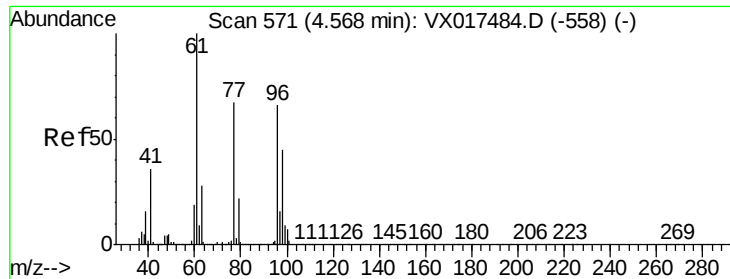
Tgt Ion: 77 Resp: 61869

Ion Ratio Lower Upper

77 100

97 23.0 10.9 32.9



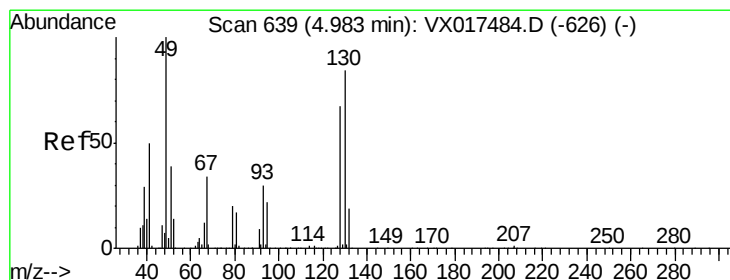
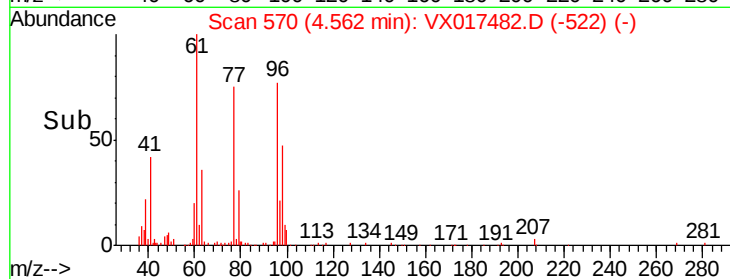
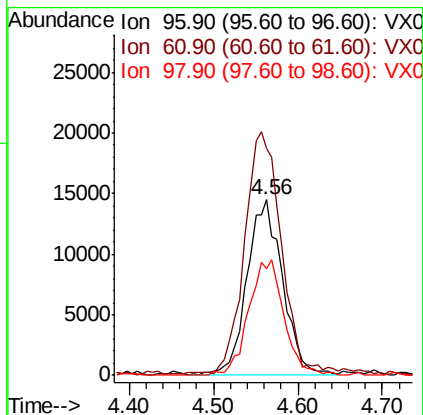
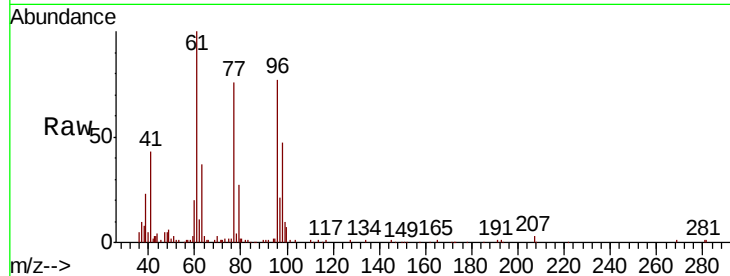


#27

cis-1,2-Dichloroethene
Concen: 5.561 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

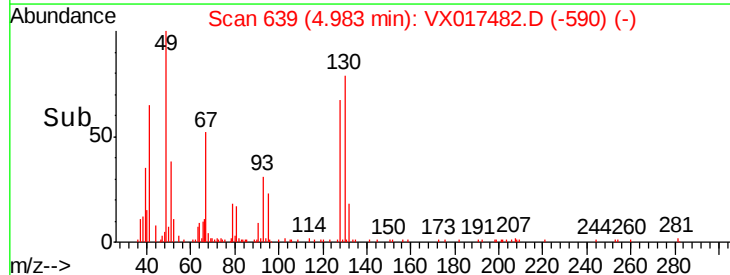
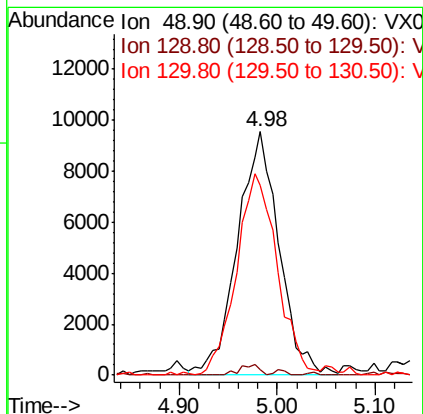
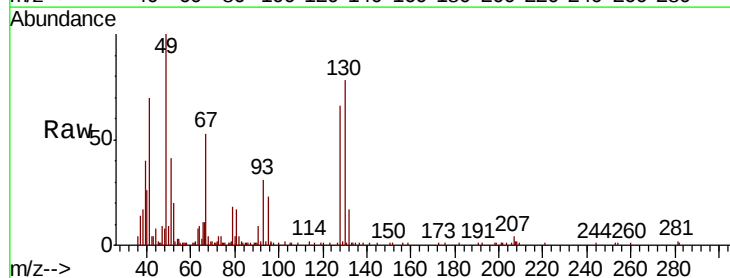
Tot Ion	96	Resp	41745
Ion	Ratio	Lower	Upper
96	100		
61	138.2	0.0	301.2
98	64.9	0.0	130.0

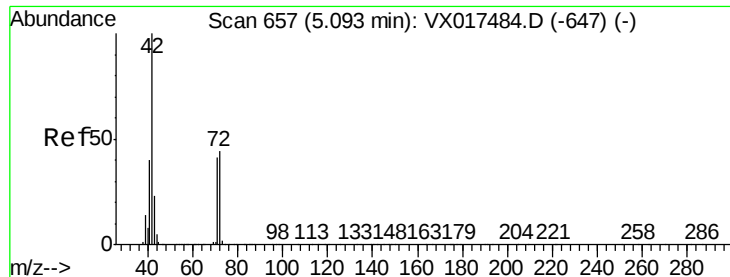


#28

Bromochloromethane
Concen: 5.024 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion	49	Resp	28248
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	80.8	66.7	100.1





#29

Tetrahydrofuran

Concen: 24.273 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

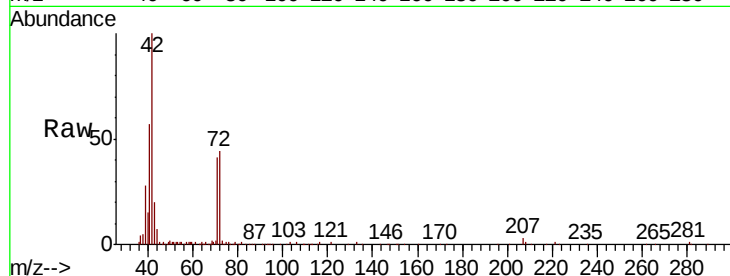
Tot Ion: 42 Resp: 75425

Ion Ratio Lower Upper

42 100

72 45.6 35.5 53.3

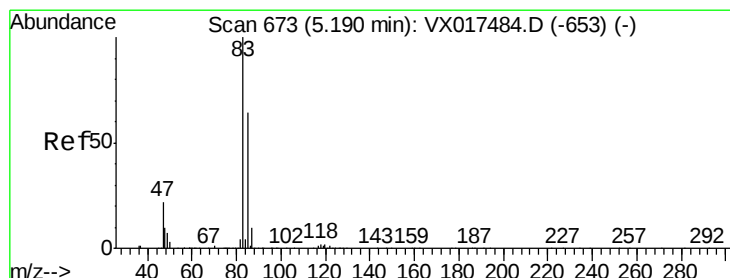
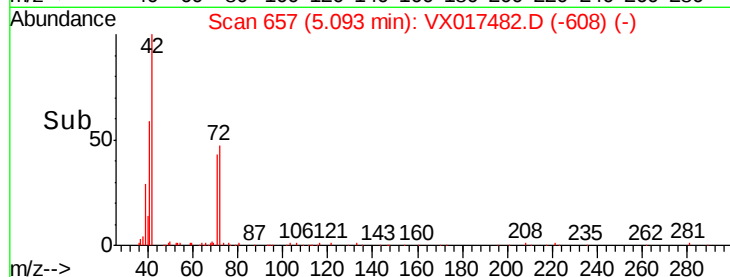
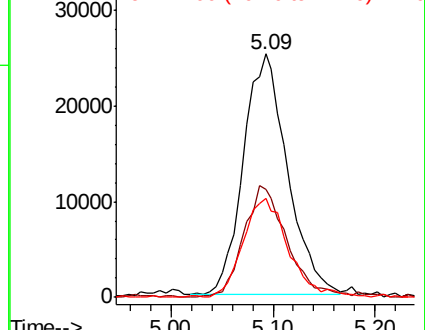
71 42.7 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 5.524 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.02 min

Lab File: VX017482.D

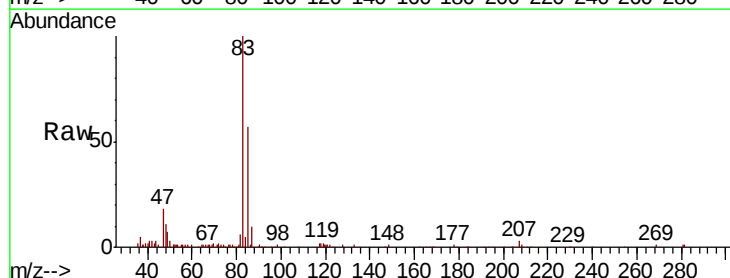
Acq: 23 Jul 2020 09:45

Tgt Ion: 83 Resp: 70036

Ion Ratio Lower Upper

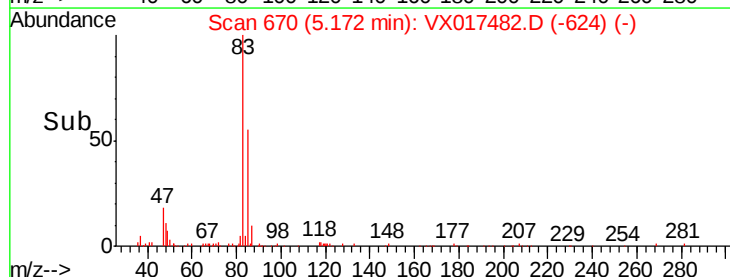
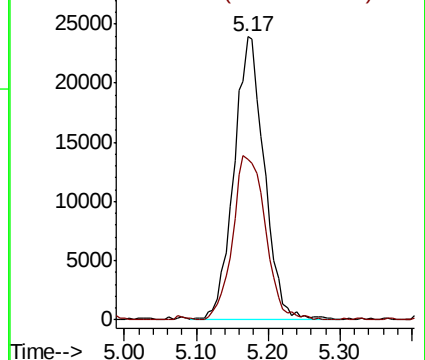
83 100

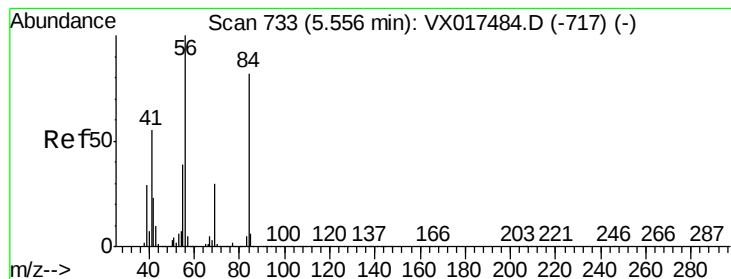
85 56.8 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 5.451 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

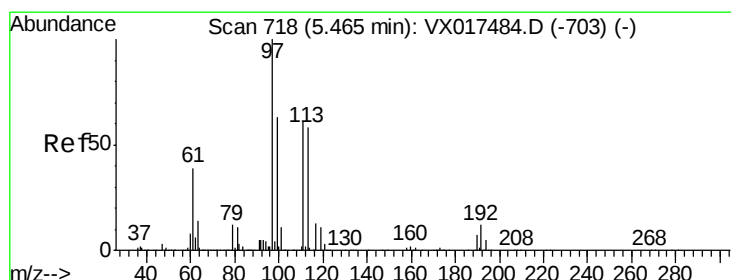
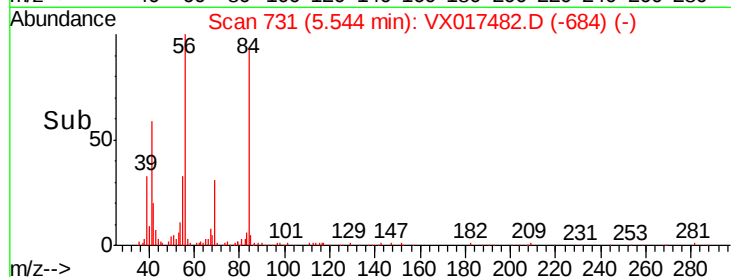
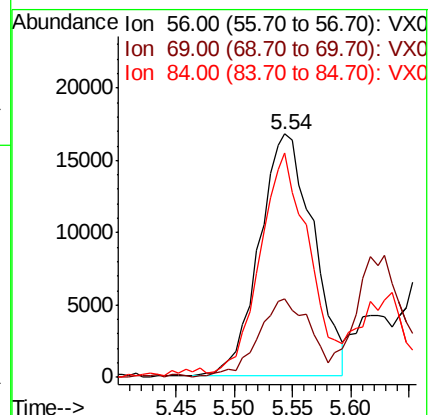
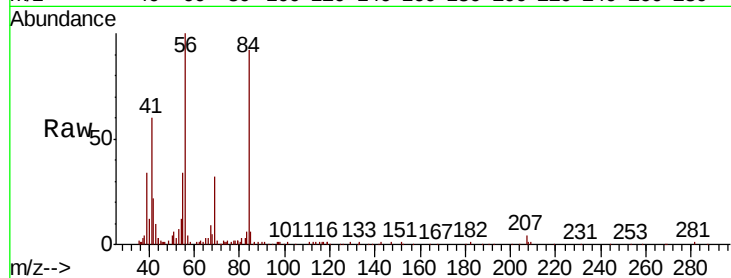
Tot Ion: 56 Resp: 53936

Ion Ratio Lower Upper

56 100

69 32.4 24.2 36.4

84 90.8 69.0 103.6



#32

1,1,1-Trichloroethane

Concen: 5.547 ug/l

RT: 5.45 min Scan# 716

Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

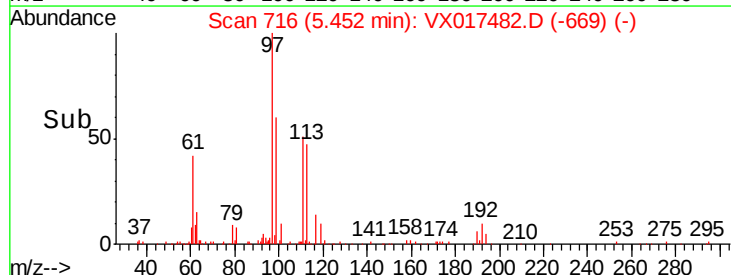
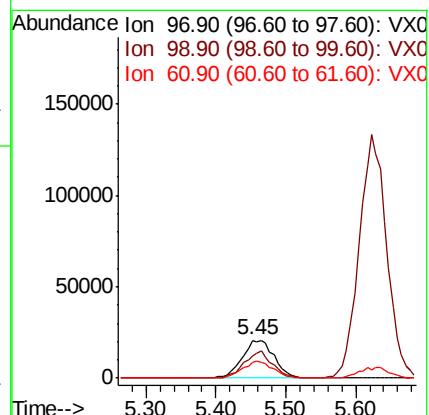
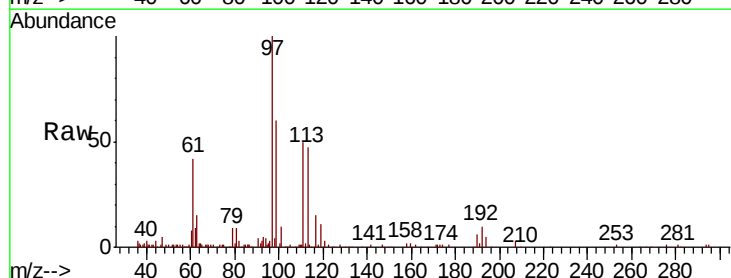
Tgt Ion: 97 Resp: 66319

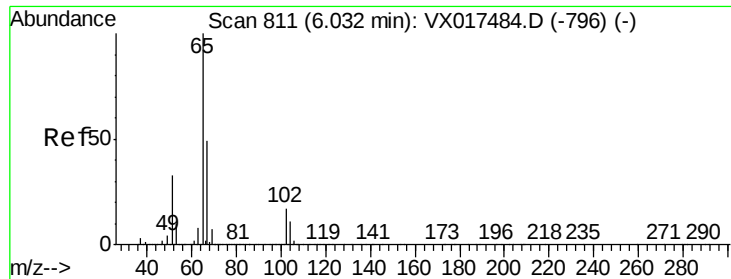
Ion Ratio Lower Upper

97 100

99 64.1 51.9 77.9

61 42.4 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 5.441 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

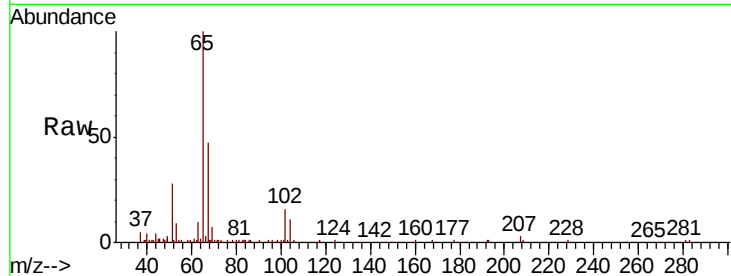
VSTDIC005

Tot Ion: 65 Resp: 43652

Ion Ratio Lower Upper

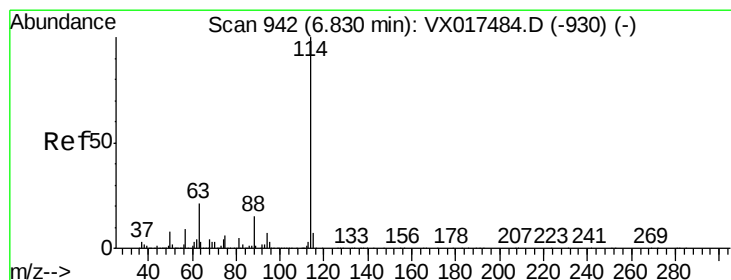
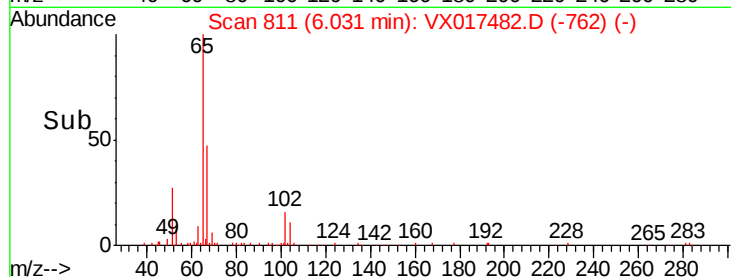
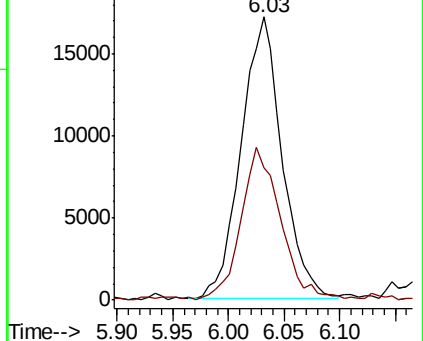
65 100

67 53.4 0.0 102.8



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: VX017482.D

Acq: 23 Jul 2020 09:45

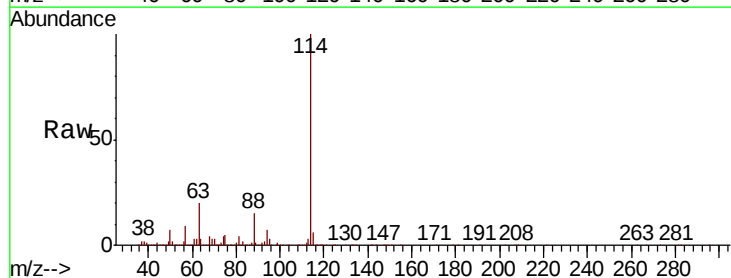
Tgt Ion: 114 Resp: 949219

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.6

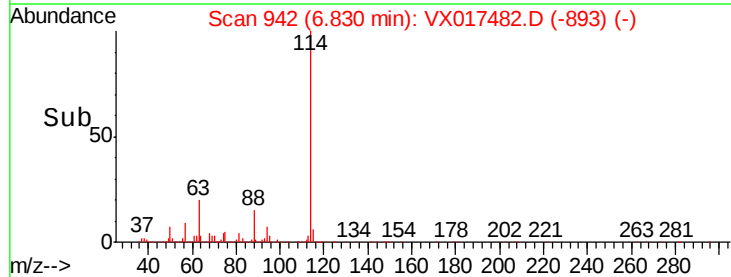
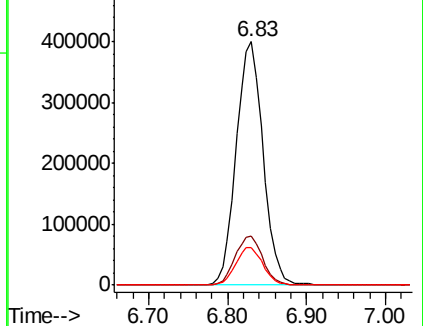
88 15.3 0.0 33.4

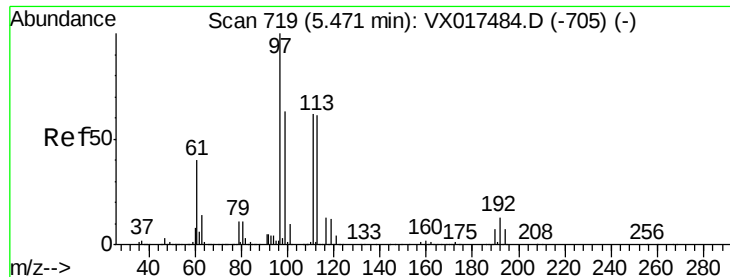


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

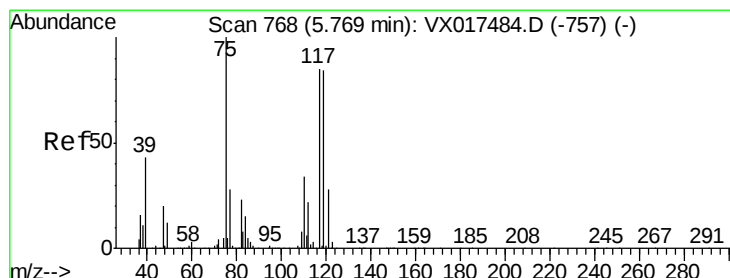
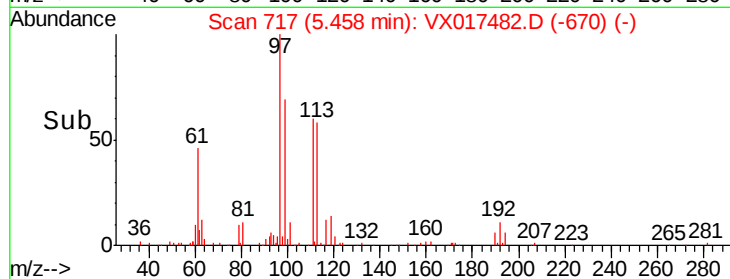
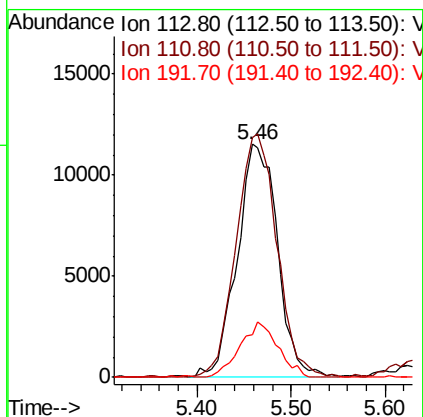
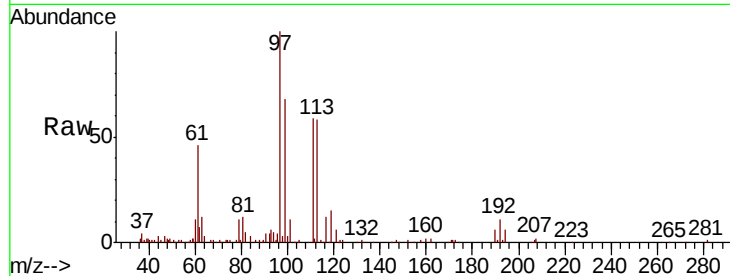




#35
Dibromofluoromethane
Concen: 5.412 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

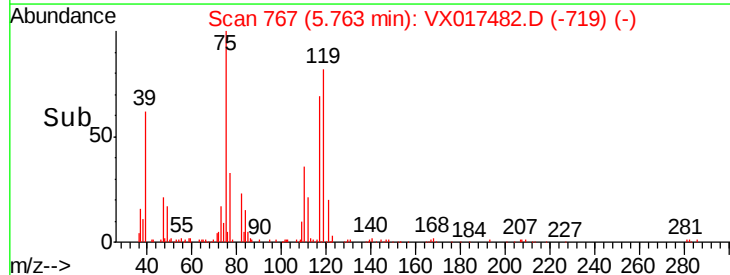
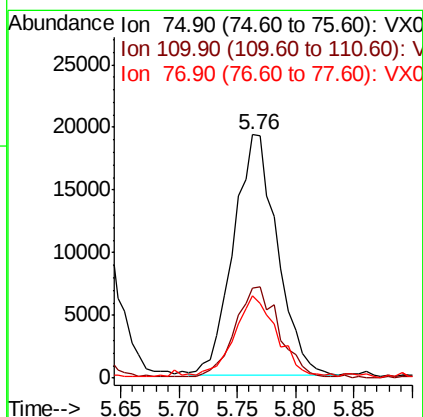
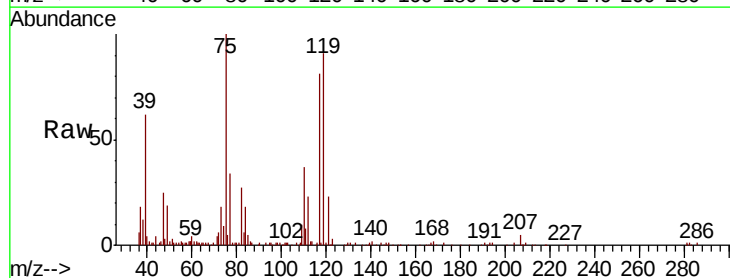
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

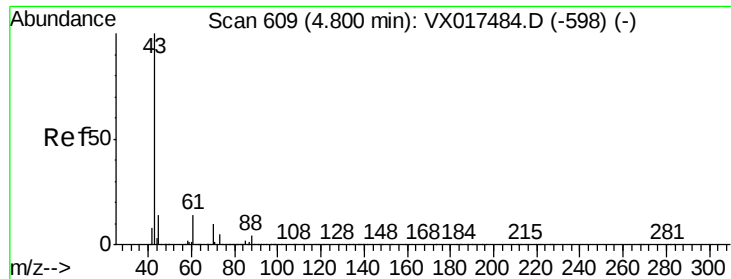
Tot Ion:113 Resp: 34359
Ion Ratio Lower Upper
113 100
111 106.0 80.7 121.1
192 22.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.523 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion: 75 Resp: 50277
Ion Ratio Lower Upper
75 100
110 37.6 18.1 54.3
77 32.9 24.6 37.0

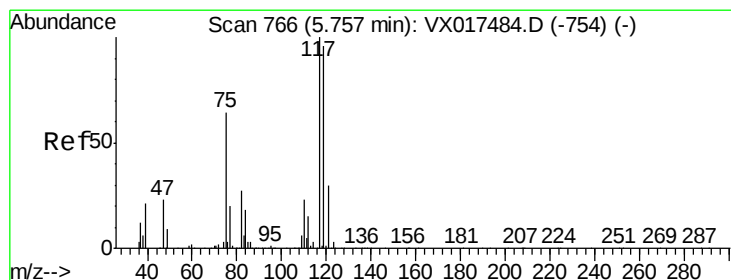
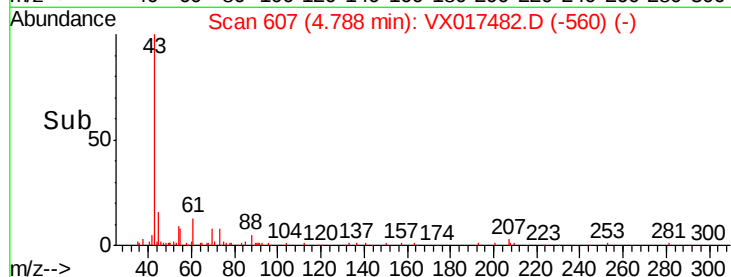
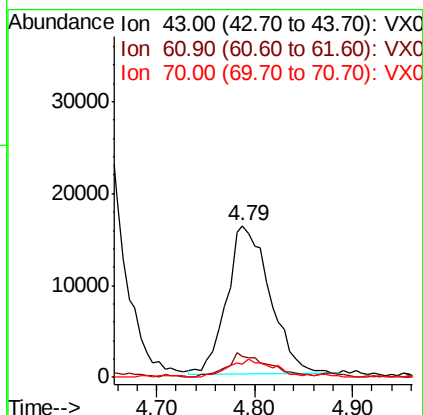
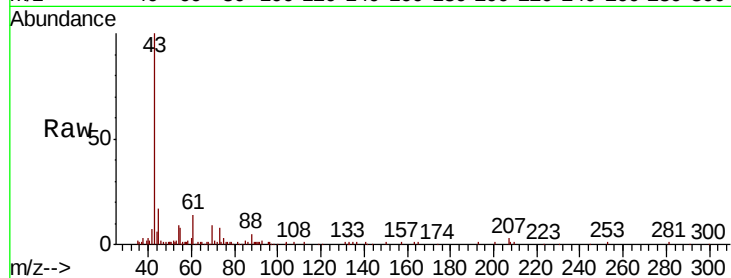




#37
Ethyl Acetate
Concen: 4.954 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

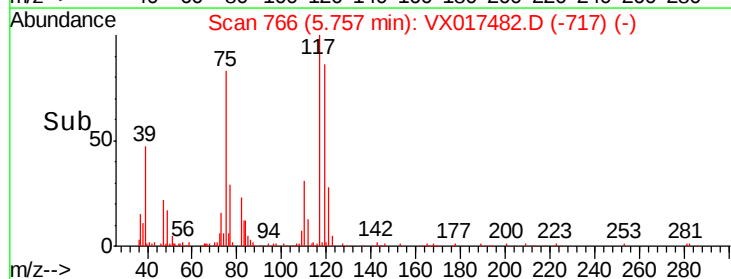
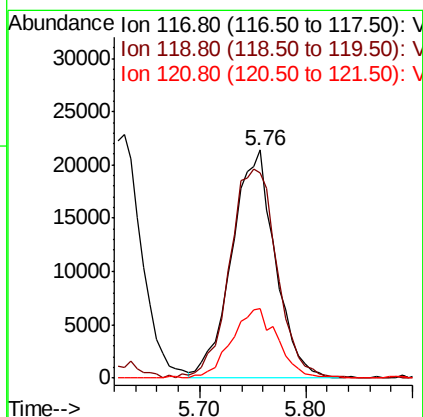
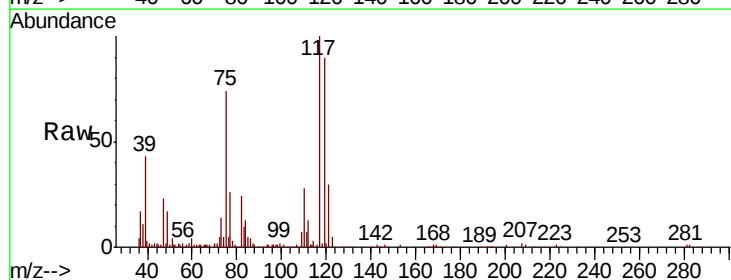
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

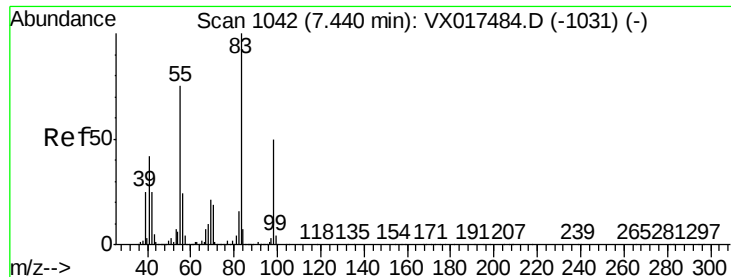
Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	10.7	16.1
70	12.5	8.5	12.7



#38
Carbon Tetrachloride
Concen: 5.528 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.5	75.4	113.0
121	30.3	24.3	36.5

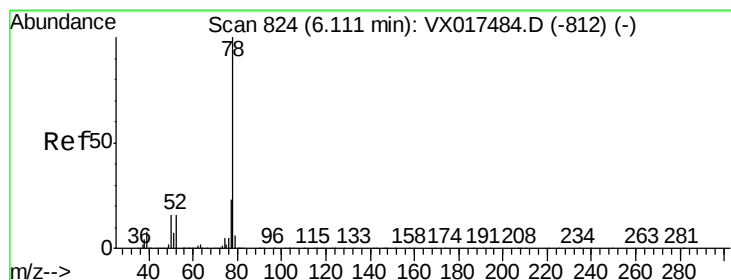
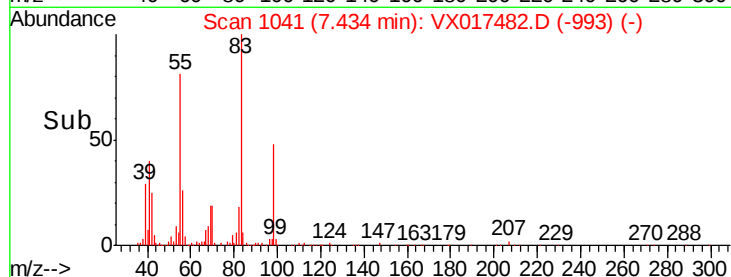
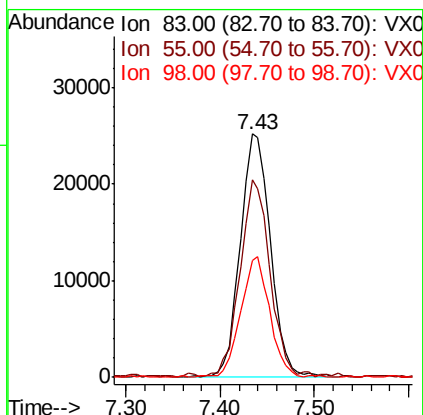
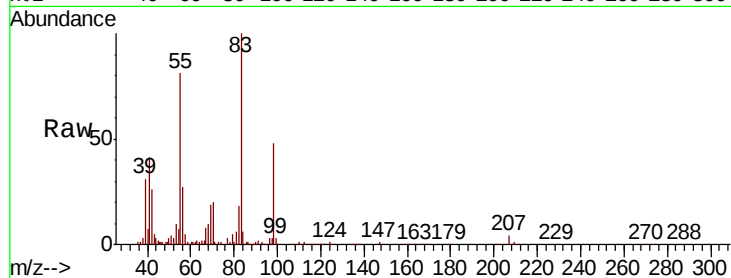




#39
Methvlcvclohexane
Concen: 5.346 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

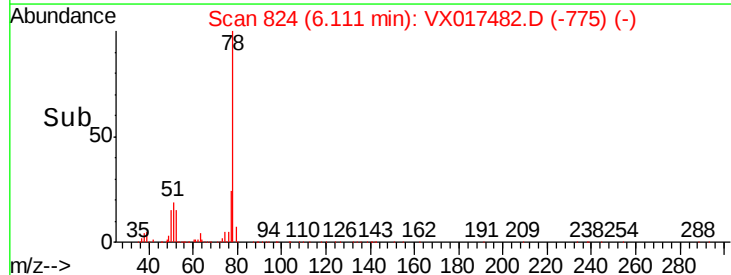
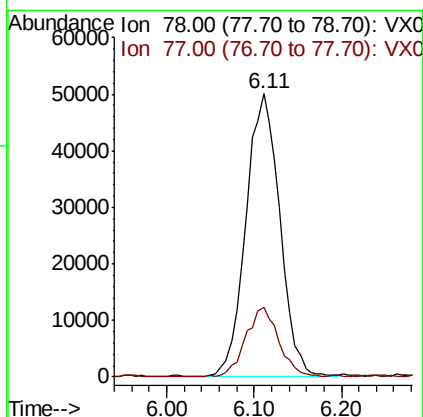
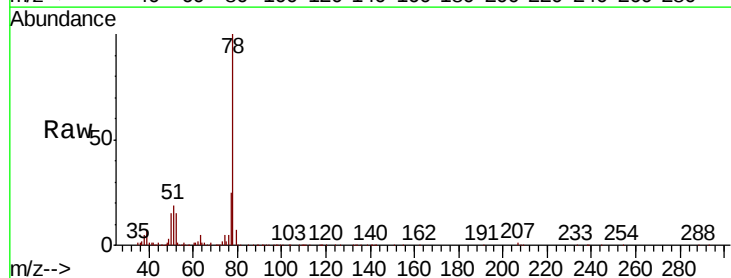
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

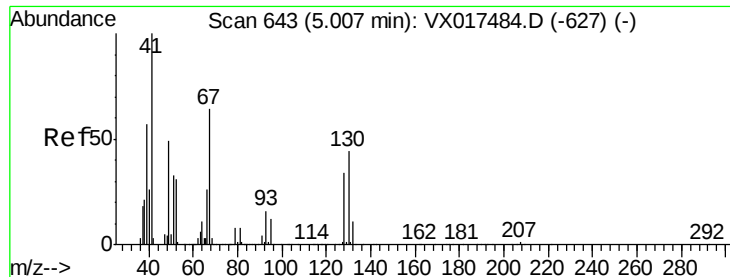
Tot Ion: 83 Resp: 56812
Ion Ratio Lower Upper
83 100
55 79.7 61.8 92.8
98 47.7 36.9 55.3



#40
Benzene
Concen: 5.155 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion: 78 Resp: 134552
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.2





#41

Methacrylonitrile

Concen: 4.980 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 41 Resp: 28433

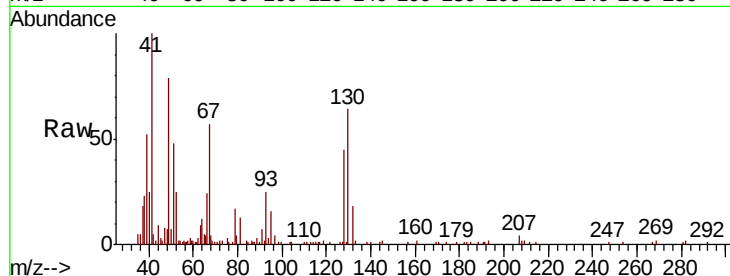
Ion Ratio Lower Upper

41 100

39 52.8 43.9 65.9

67 73.4 54.0 81.0

52 27.9 23.0 34.6

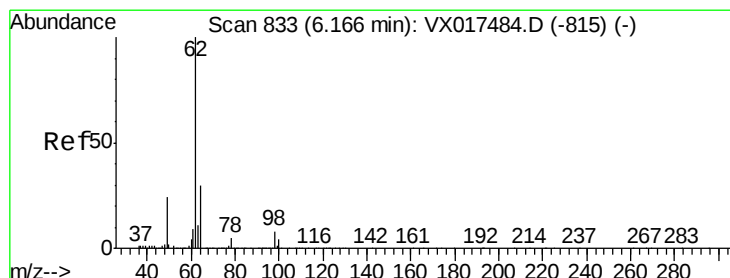
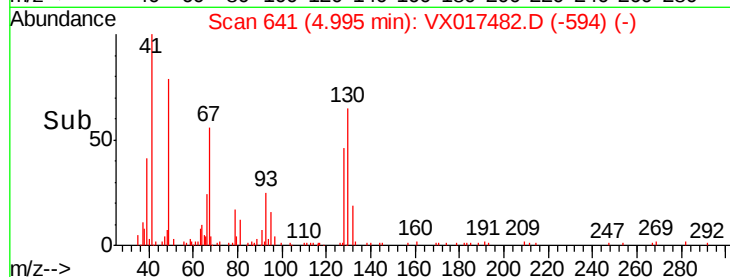
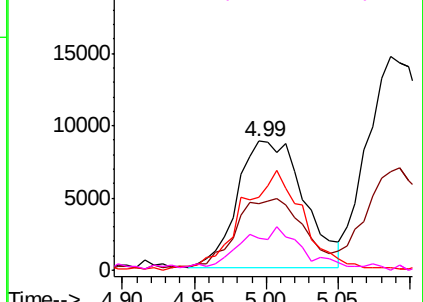


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 5.161 ug/l

RT: 6.15 min Scan# 831

Delta R.T. -0.01 min

Lab File: VX017482.D

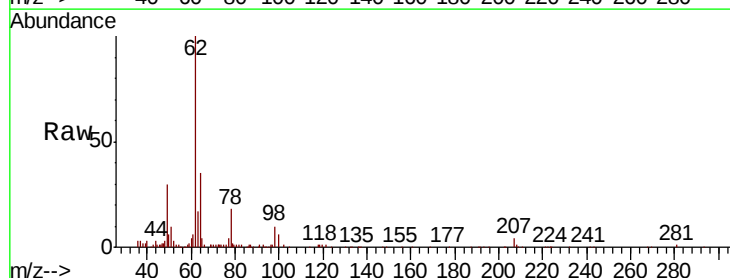
Acq: 23 Jul 2020 09:45

Tgt Ion: 62 Resp: 55103

Ion Ratio Lower Upper

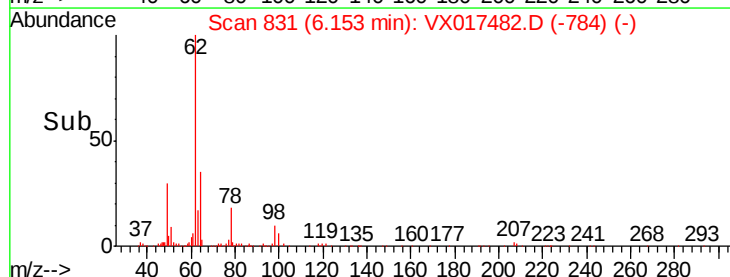
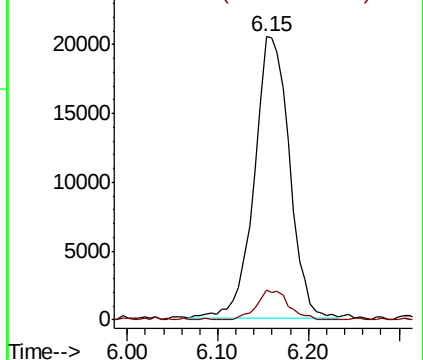
62 100

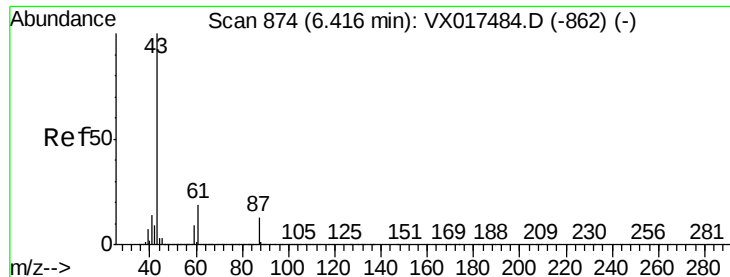
98 9.5 0.0 16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 4.977 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

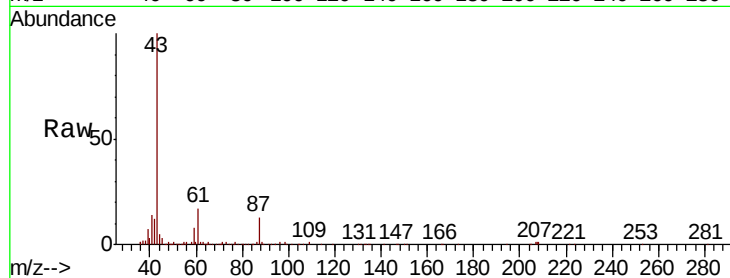
Tot Ion: 43 Resp: 81795

Ion Ratio Lower Upper

43 100

61 20.2 15.5 23.3

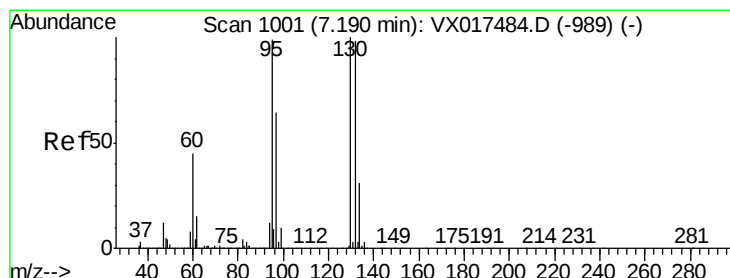
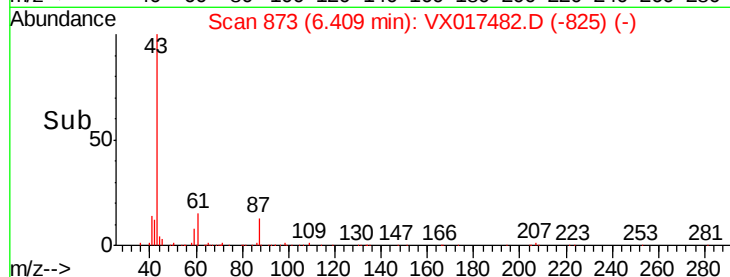
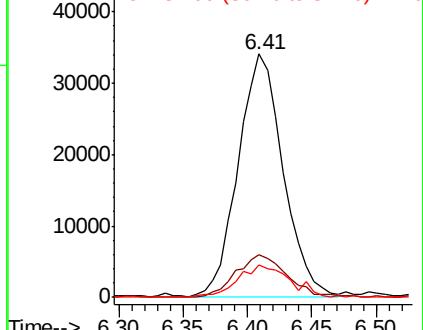
87 15.7 10.5 15.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 5.381 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017482.D

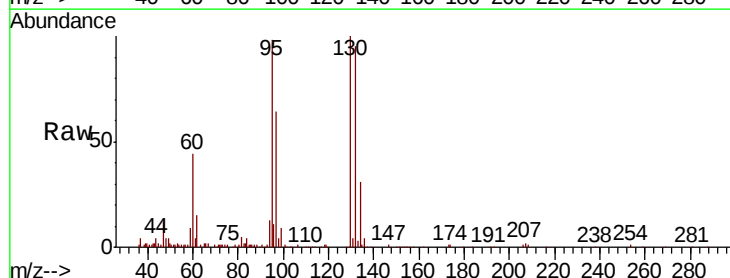
Acq: 23 Jul 2020 09:45

Tgt Ion: 130 Resp: 41042

Ion Ratio Lower Upper

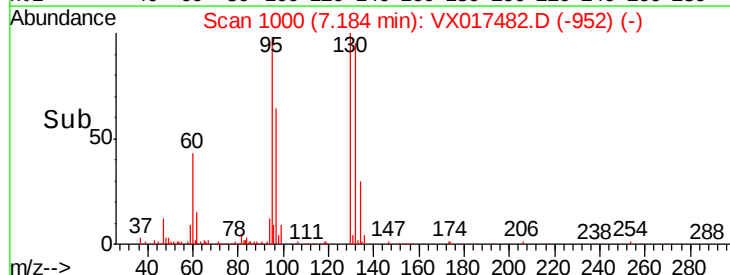
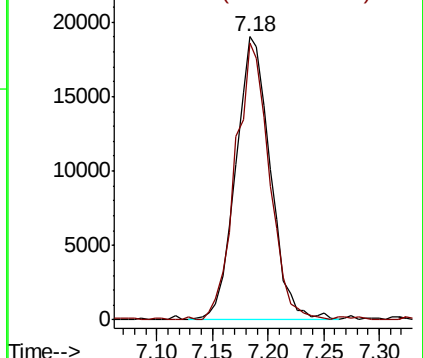
130 100

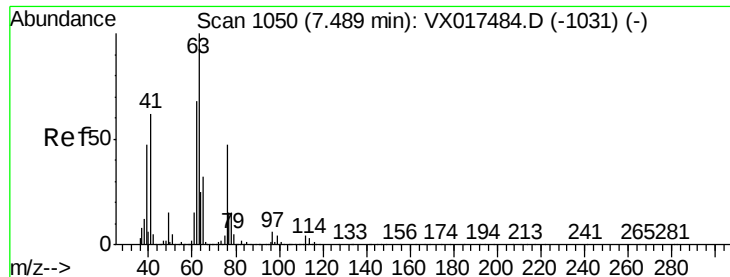
95 96.9 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 5.098 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

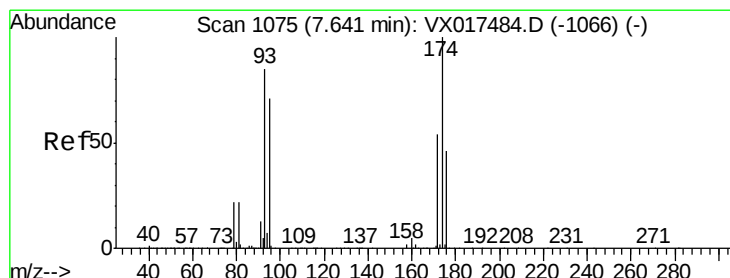
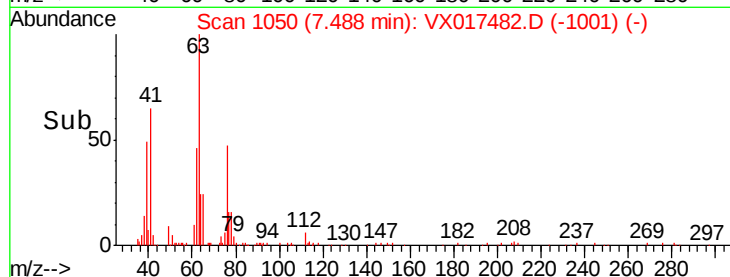
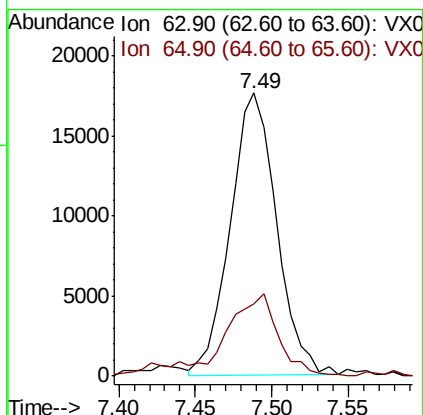
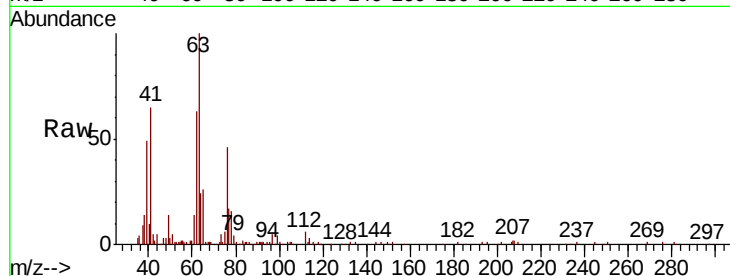
VSTDIC005

Tot Ion: 63 Resp: 36888

Ion Ratio Lower Upper

63 100

65 25.0 24.5 36.7



#46

Dibromomethane

Concen: 4.823 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

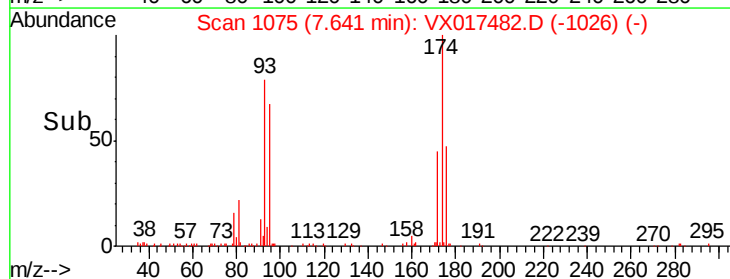
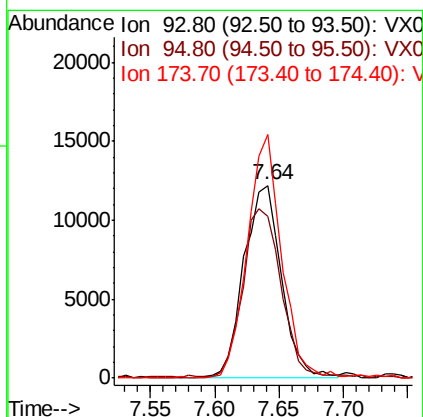
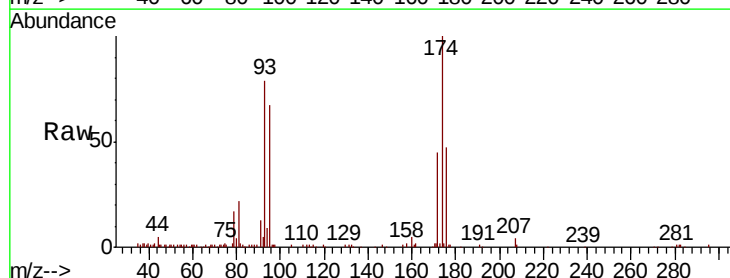
Tgt Ion: 93 Resp: 24660

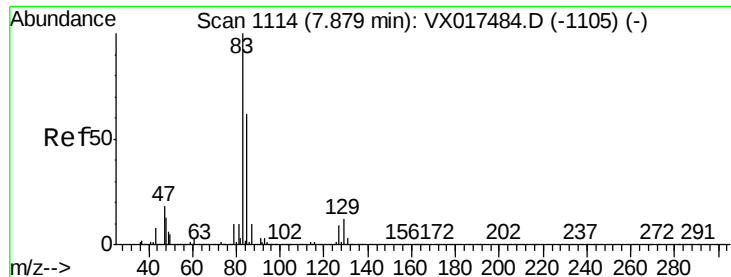
Ion Ratio Lower Upper

93 100

95 90.8 66.6 99.8

174 114.5 87.0 130.6





#47

Bromodichloromethane

Concen: 5.279 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

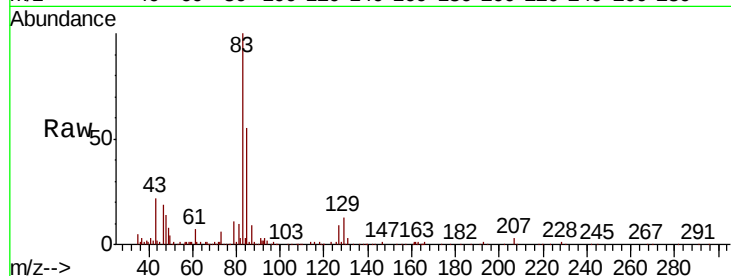
Tot Ion: 83 Resp: 54317

Ion Ratio Lower Upper

83 100

85 53.9 51.8 77.8

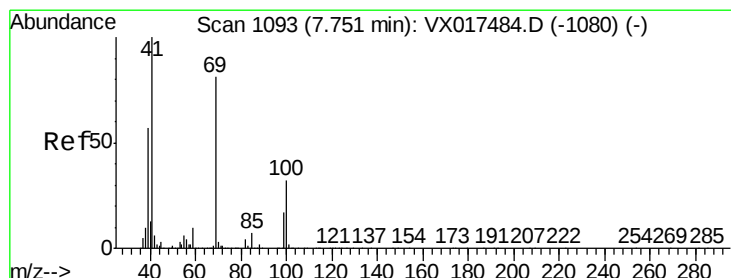
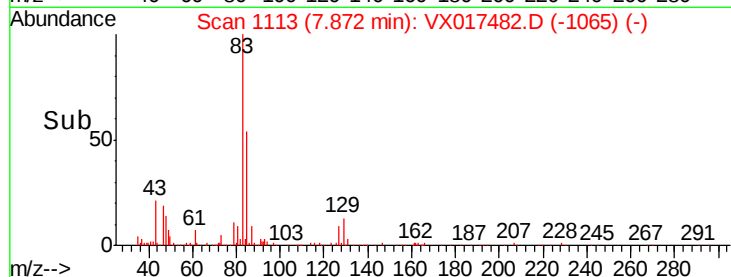
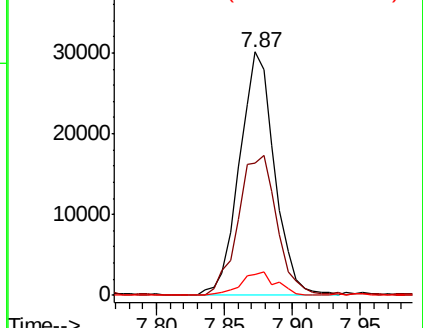
127 8.7 7.4 11.2



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: 4.752 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

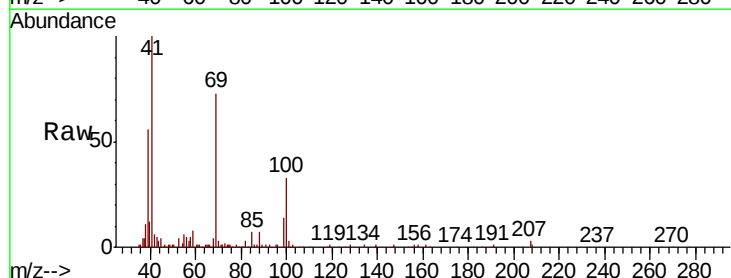
Tgt Ion: 41 Resp: 38714

Ion Ratio Lower Upper

41 100

69 78.1 63.1 94.7

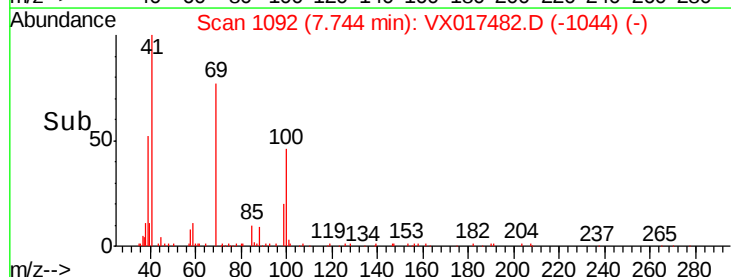
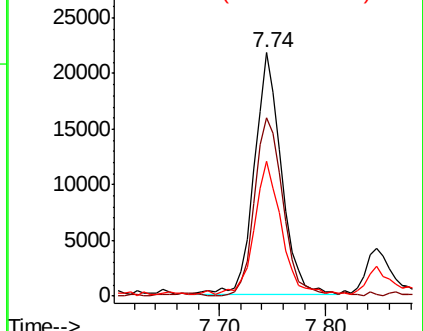
39 54.4 45.1 67.7

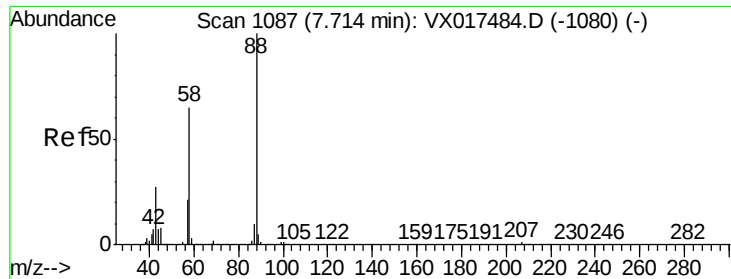


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

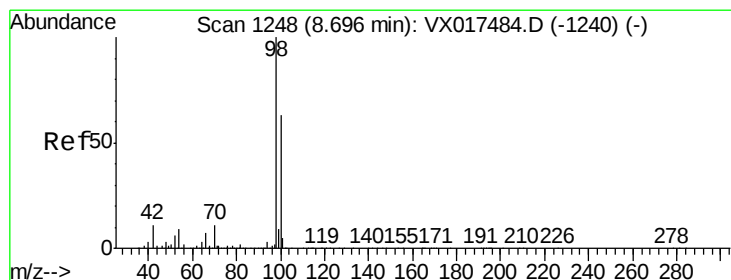
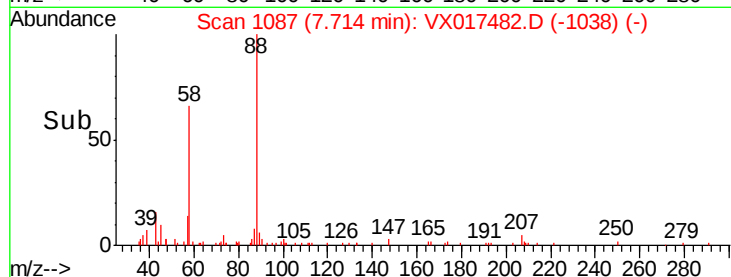
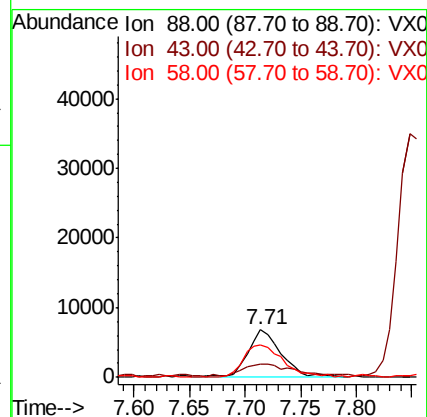
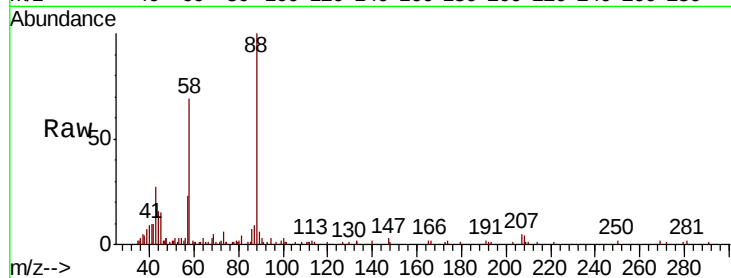




#49
1,4-Dioxane
Concen: 90.914 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

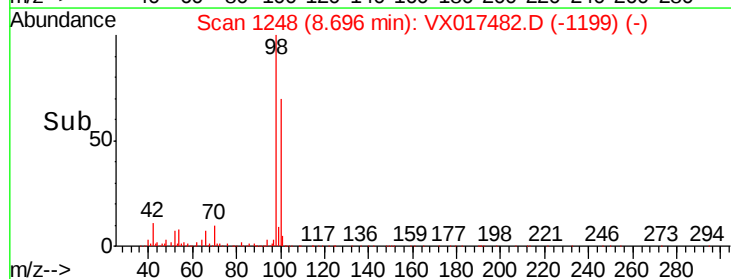
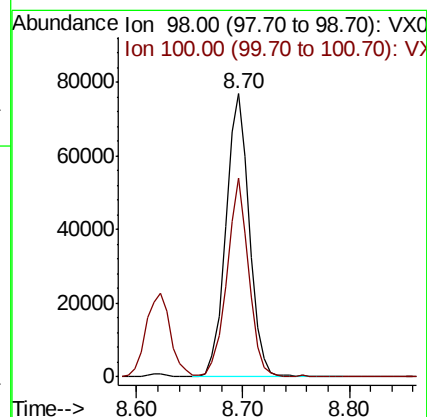
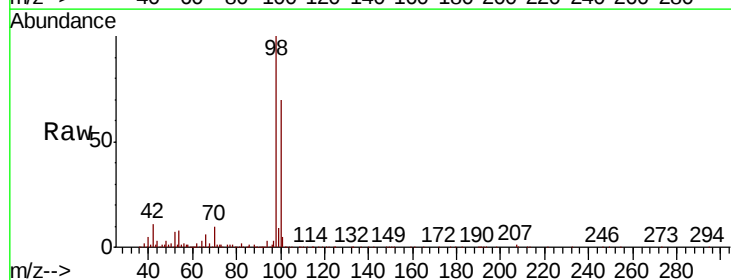
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 88 Resp: 14200
Ion Ratio Lower Upper
88 100
43 38.5 27.8 41.6
58 80.3 58.3 87.5



#50
Toluene-d8
Concen: 5.154 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion: 98 Resp: 118032
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5

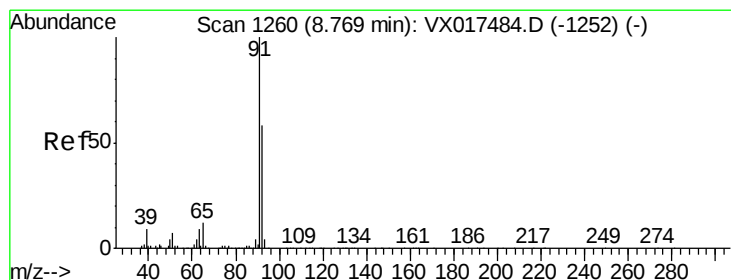
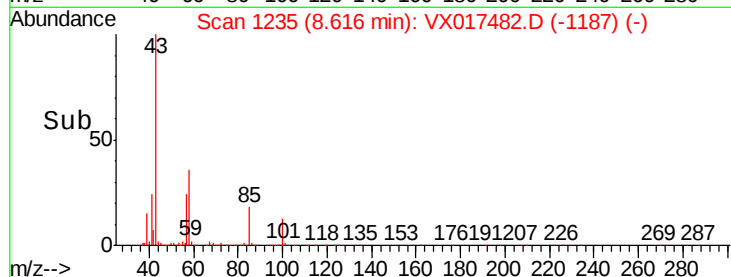
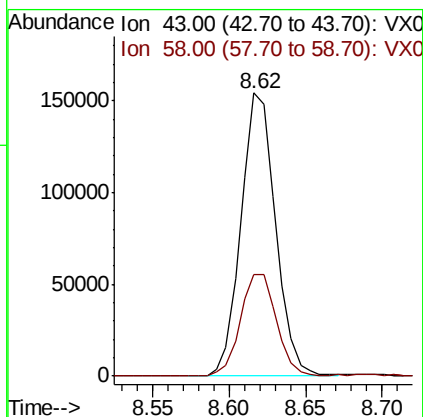
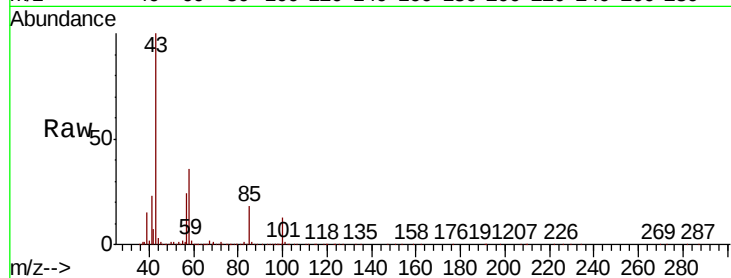




#51
4-Methyl-2-Pentanone
Concen: 24.571 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

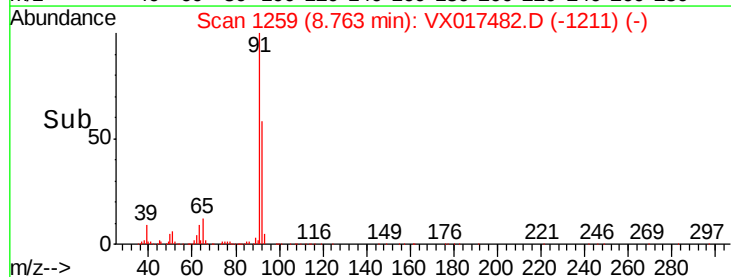
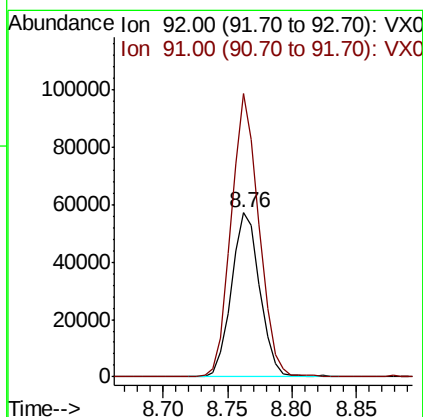
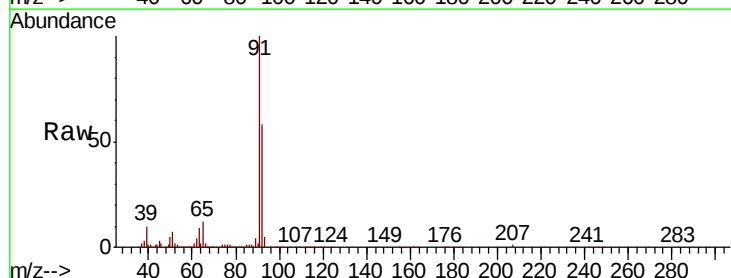
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

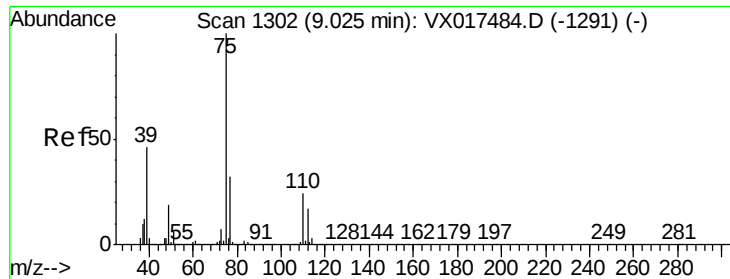
Tot Ion: 43 Resp: 240948
Ion Ratio Lower Upper
43 100
58 37.7 31.0 46.4



#52
Toluene
Concen: 5.258 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion: 92 Resp: 88019
Ion Ratio Lower Upper
92 100
91 169.4 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 5.438 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

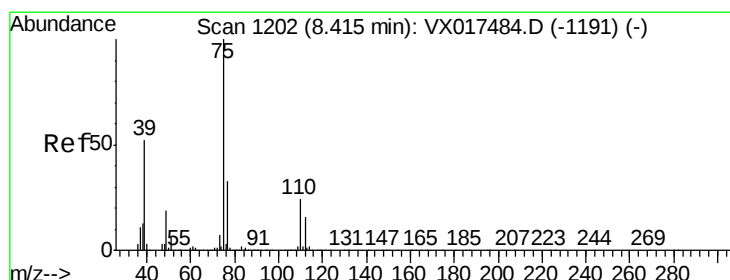
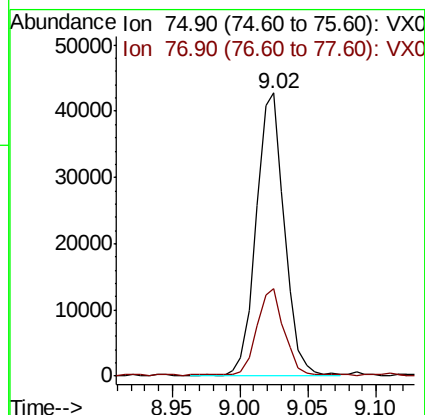
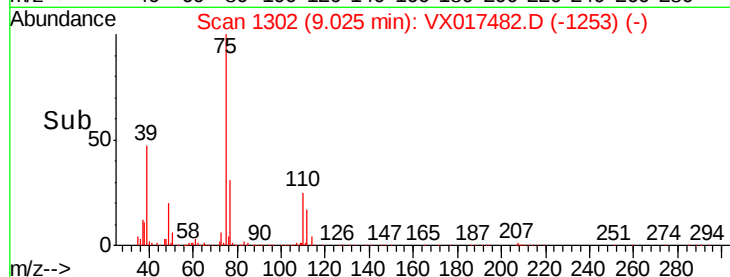
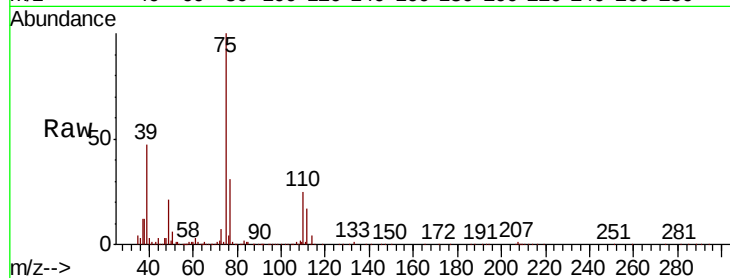
VSTDIC005

Tot Ion: 75 Resp: 62631

Ion Ratio Lower Upper

75 100

77 30.3 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 5.214 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

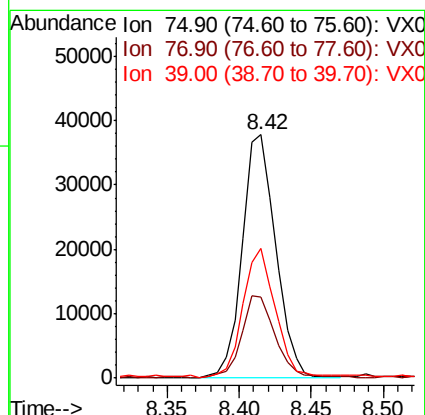
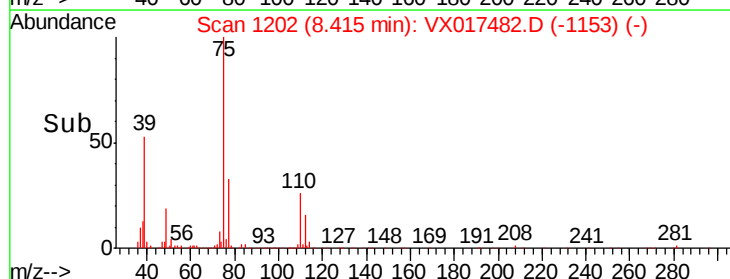
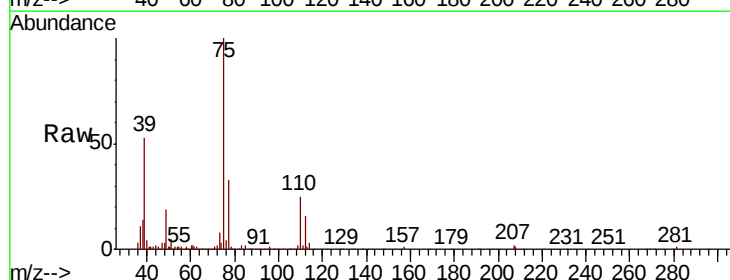
Tgt Ion: 75 Resp: 61251

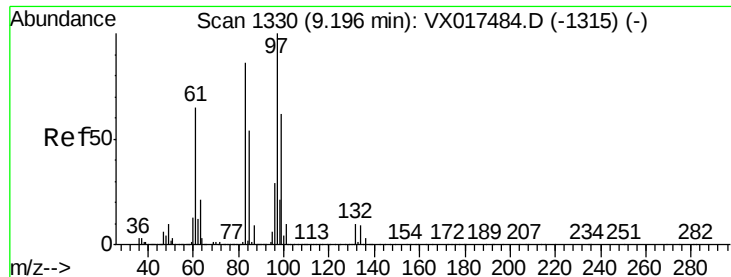
Ion Ratio Lower Upper

75 100

77 33.1 25.5 38.3

39 52.2 41.8 62.8

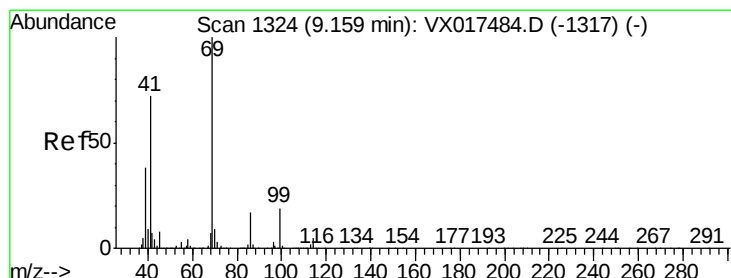
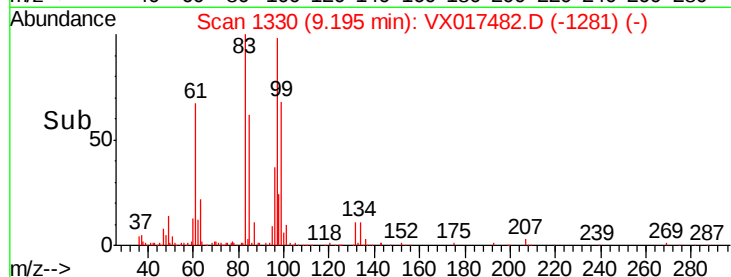
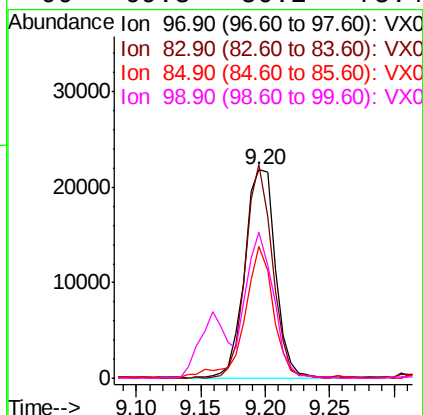
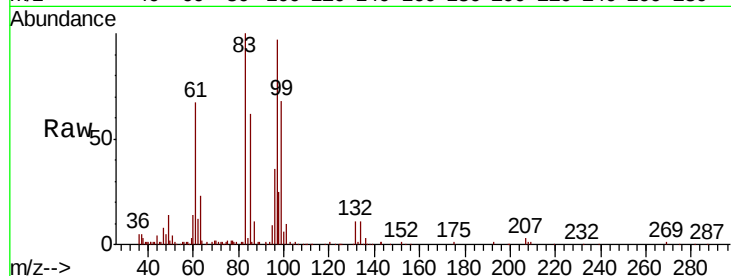




#55
 1,1,2-Trichloroethane
 Concen: 5.170 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017482.D
 Acq: 23 Jul 2020 09:45

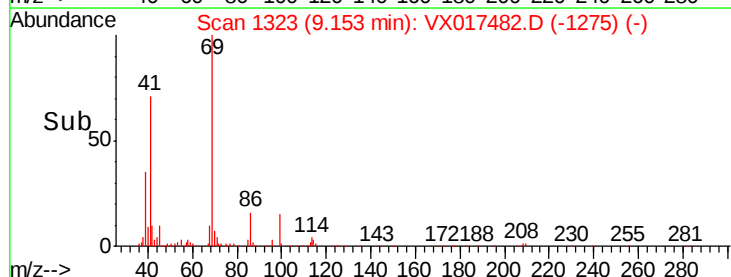
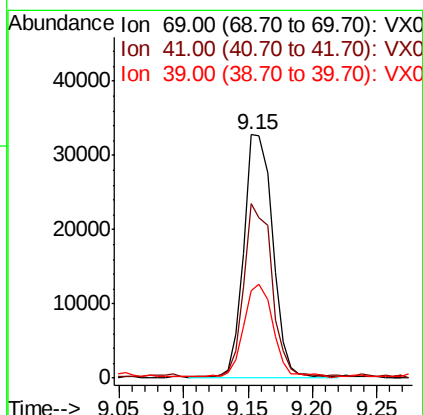
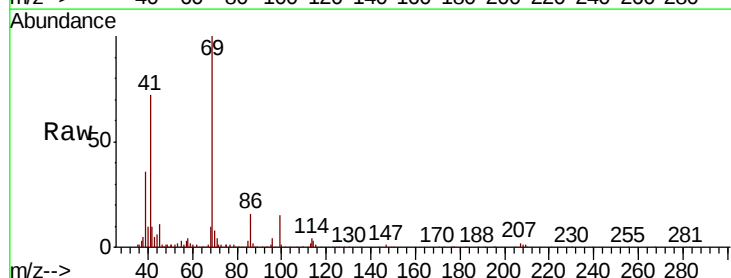
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

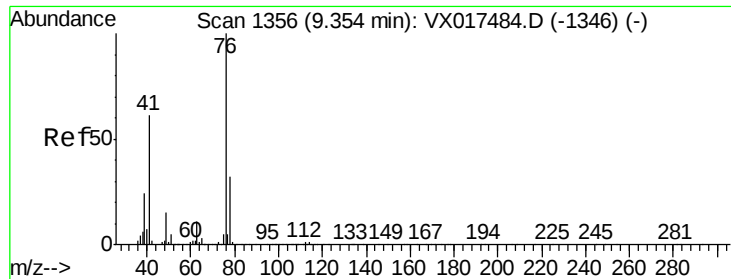
Tot Ion:	97	Resp:	36051
Ion	Ratio	Lower	Upper
97	100		
83	102.4	67.6	101.4#
85	62.4	44.6	67.0
99	69.8	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 4.808 ug/l
 RT: 9.15 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX017482.D
 Acq: 23 Jul 2020 09:45

Tgt Ion:	69	Resp:	50505
Ion	Ratio	Lower	Upper
69	100		
41	68.3	55.0	82.6
39	41.1	30.0	45.0





#57

1,3-Dichloropropane

Concen: 5.196 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

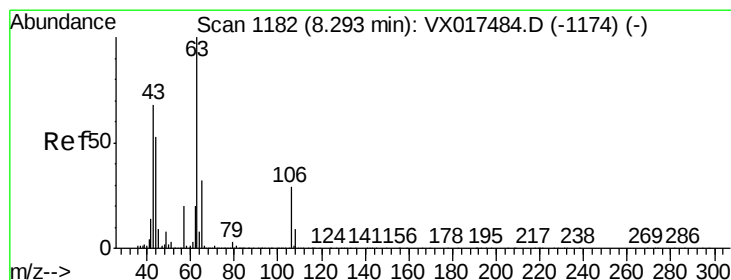
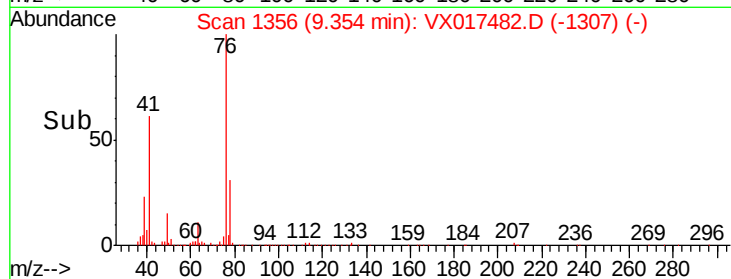
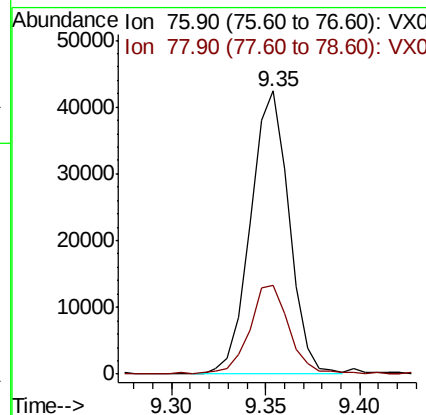
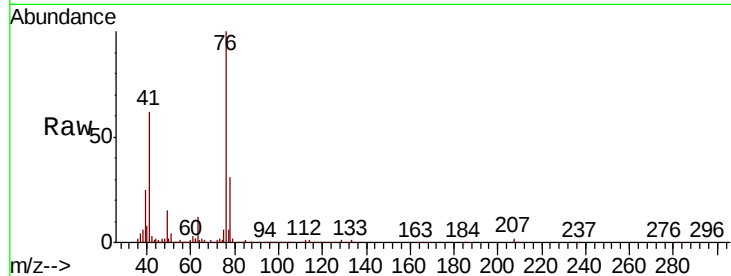
VSTDIC005

Tot Ion: 76 Resp: 59661

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 25.419 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017482.D

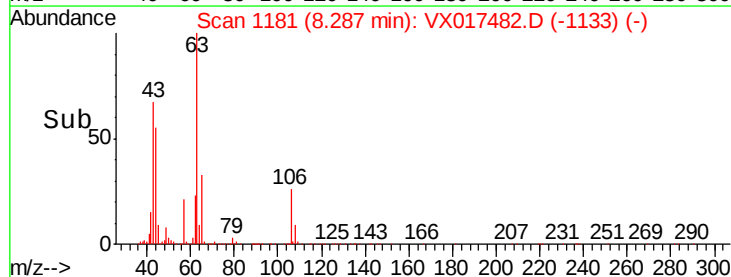
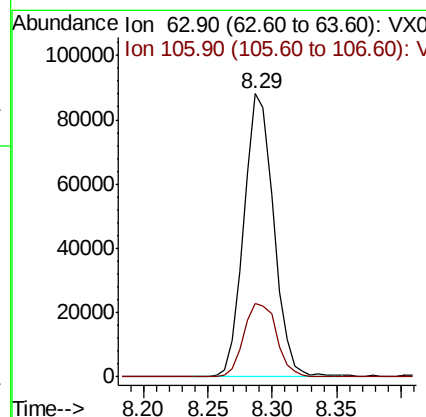
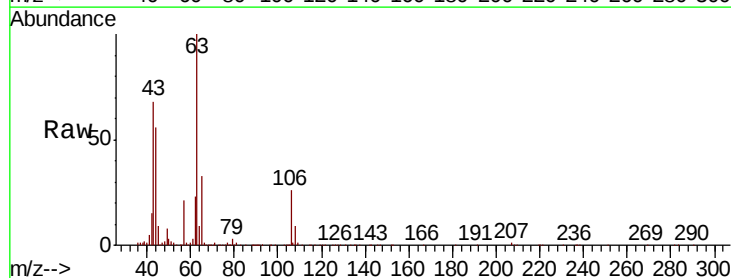
Acq: 23 Jul 2020 09:45

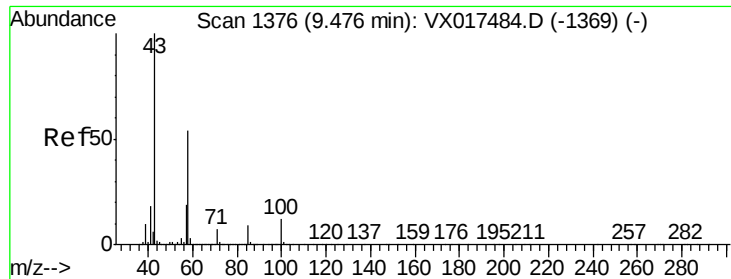
Tgt Ion: 63 Resp: 140683

Ion Ratio Lower Upper

63 100

106 28.7 22.6 34.0

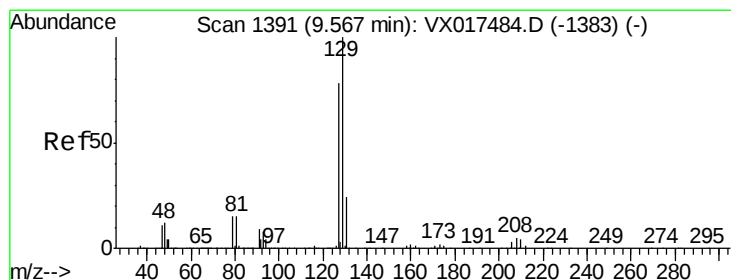
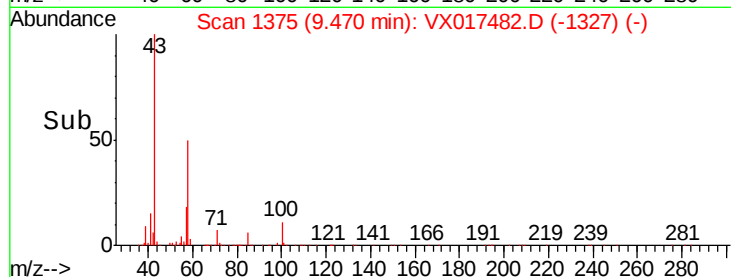
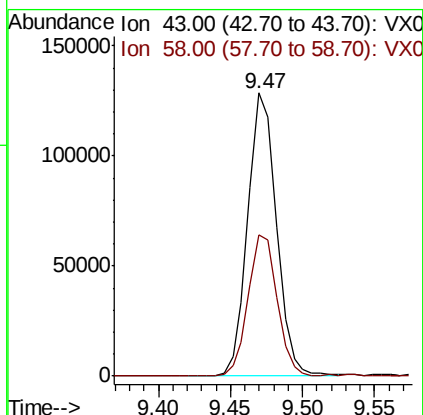
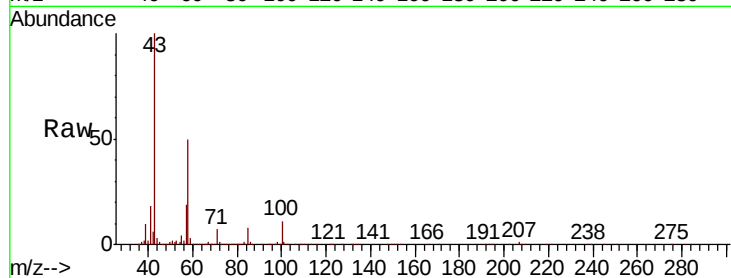




#59
2-Hexanone
Concen: 24.030 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

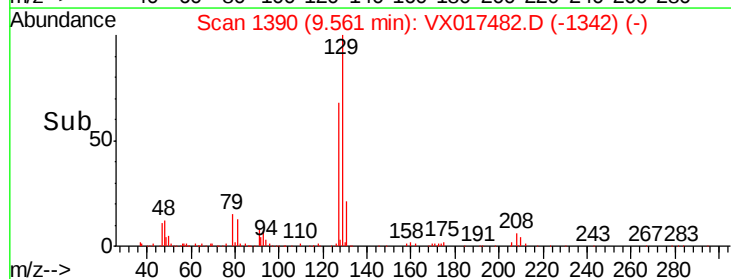
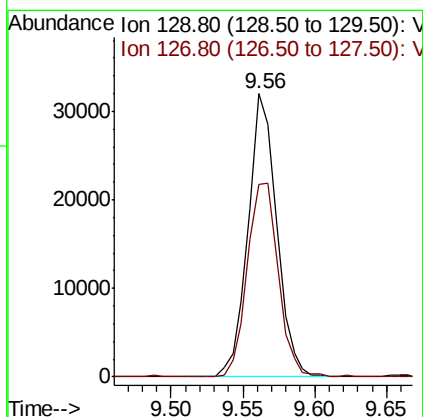
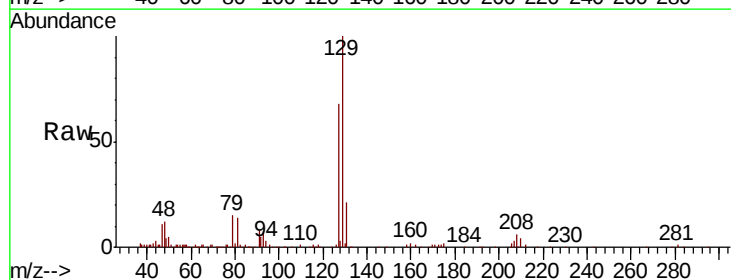
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

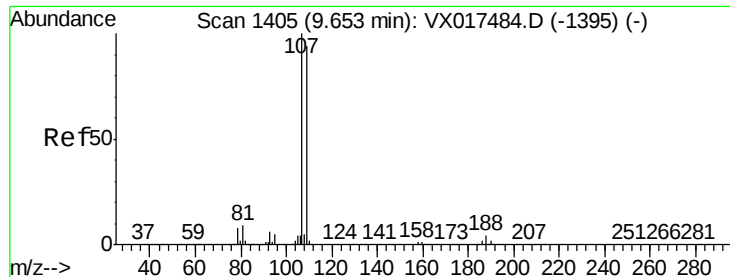
Tot Ion: 43 Resp: 177413
Ion Ratio Lower Upper
43 100
58 50.3 26.6 79.8



#60
Dibromochloromethane
Concen: 4.952 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion:129 Resp: 43892
Ion Ratio Lower Upper
129 100
127 74.4 38.4 115.1





#61

1,2-Dibromoethane

Concen: 5.206 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

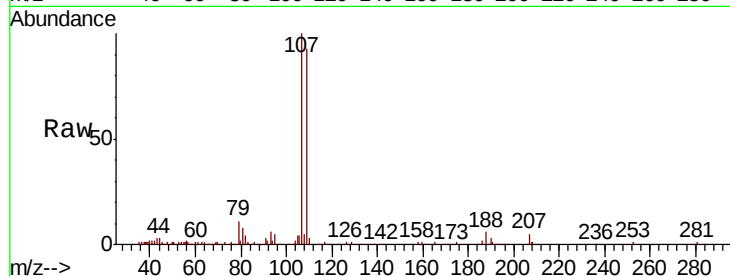
VSTDIC005

Tot Ion:107 Resp: 38651

Ion Ratio Lower Upper

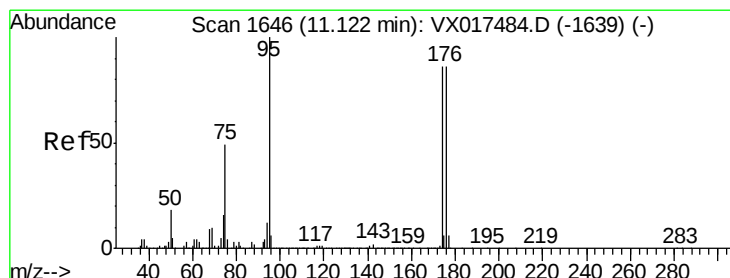
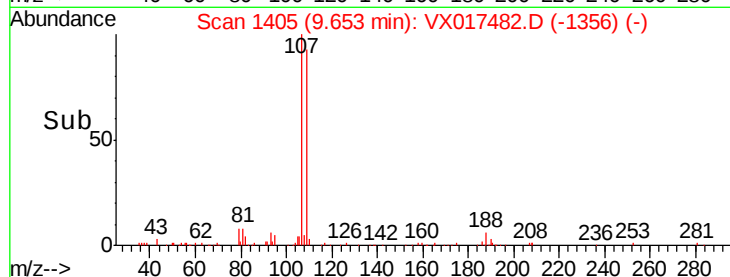
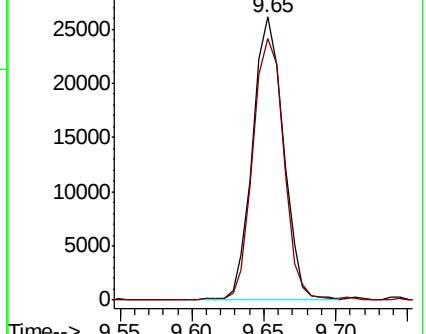
107 100

109 93.4 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.382 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

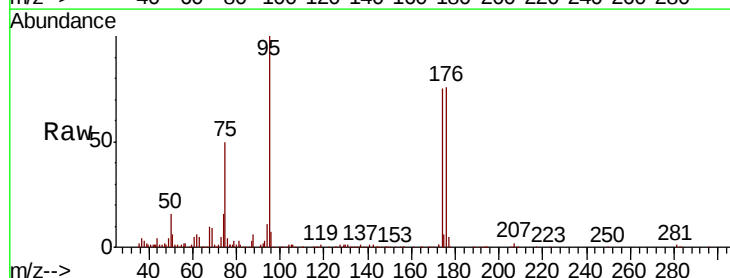
Tgt Ion: 95 Resp: 49325

Ion Ratio Lower Upper

95 100

174 80.5 0.0 169.0

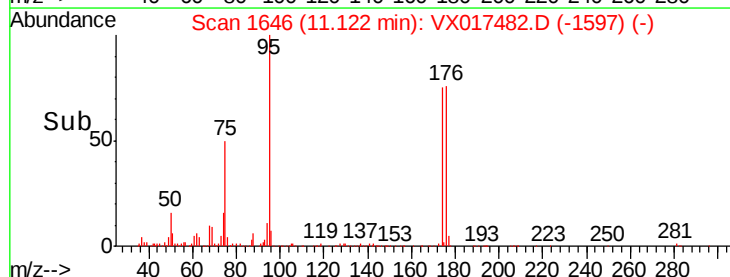
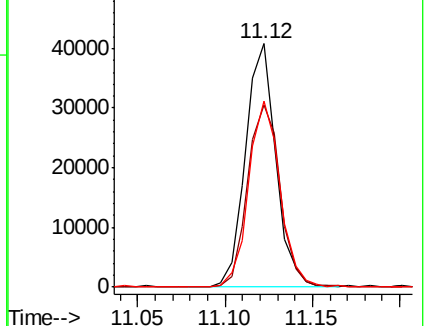
176 78.8 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

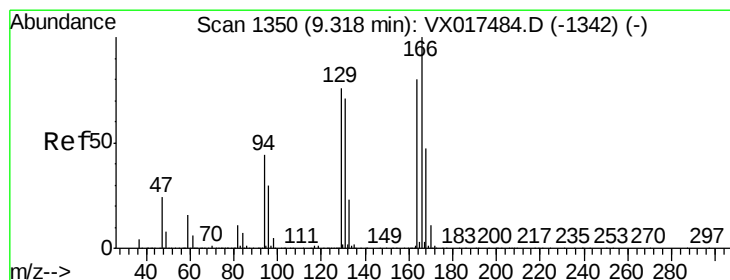
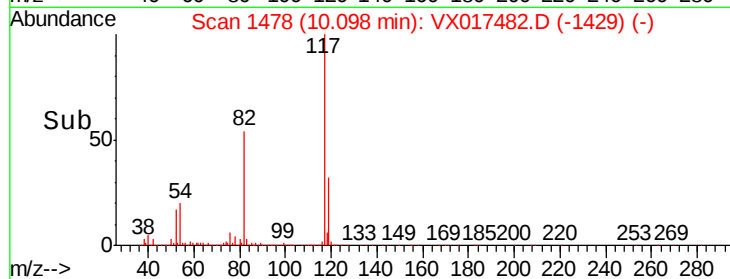
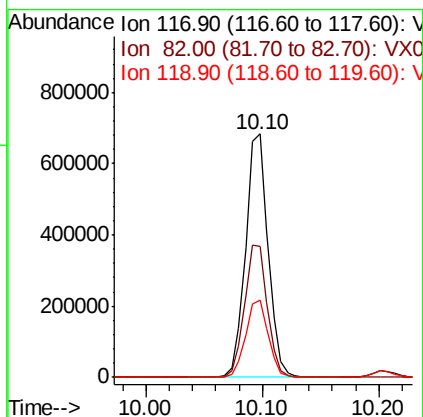
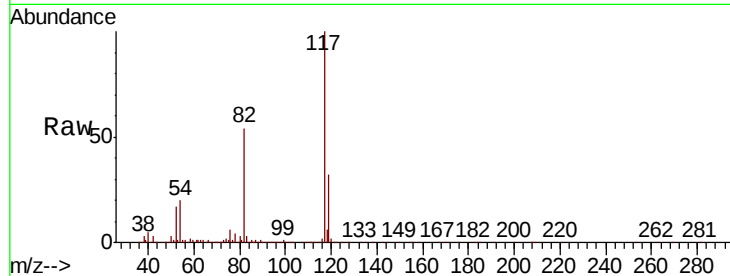




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

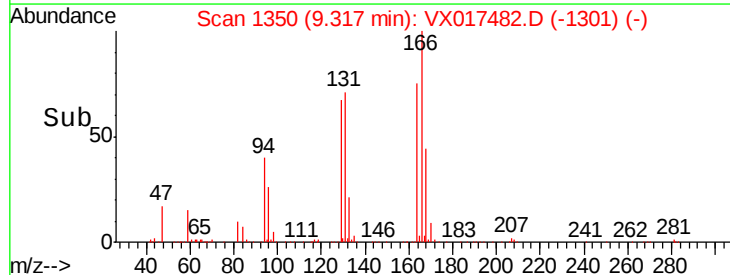
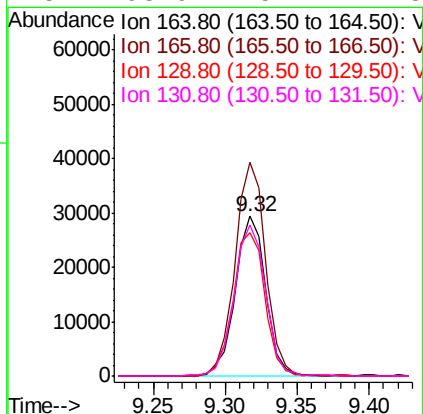
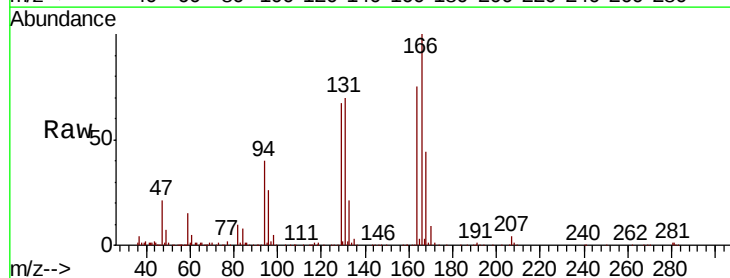
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

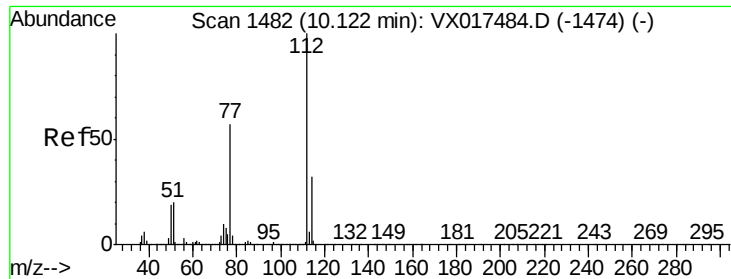
Tot Ion:117 Resp: 921391
Ion Ratio Lower Upper
117 100
82 53.8 44.0 66.0
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 5.211 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion:164 Resp: 43091
Ion Ratio Lower Upper
164 100
166 133.7 100.6 150.8
129 89.6 75.0 112.6
131 93.9 75.2 112.8





#65

Chlorobenzene

Concen: 5.046 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

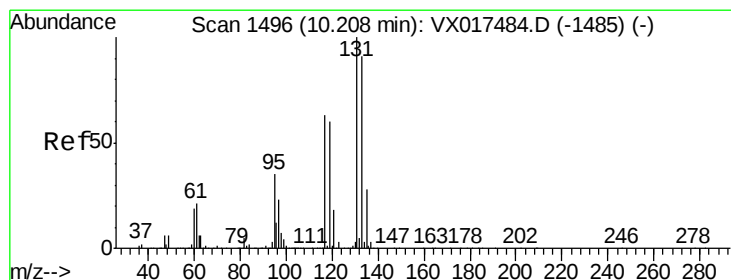
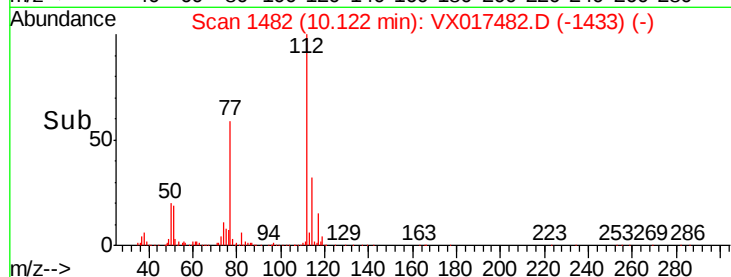
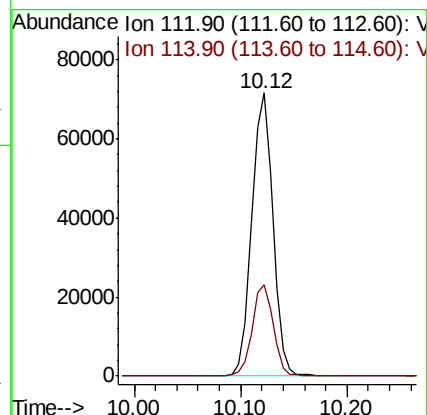
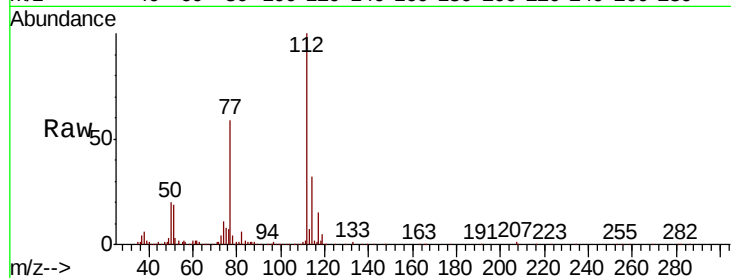
VSTDIC005

Tot Ion:112 Resp: 100627

Ion Ratio Lower Upper

112 100

114 32.4 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 4.884 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

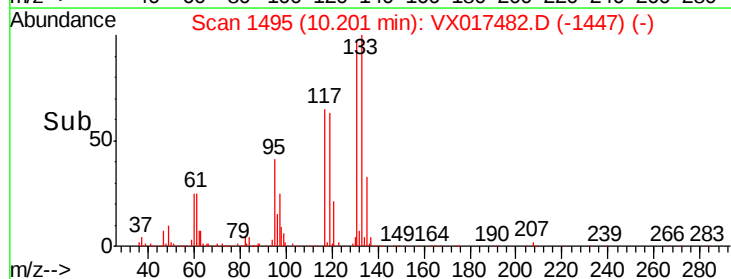
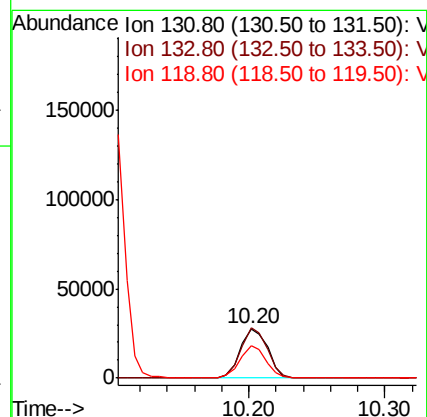
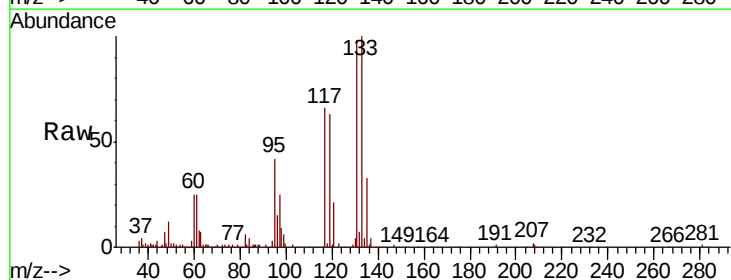
Tgt Ion:131 Resp: 39311

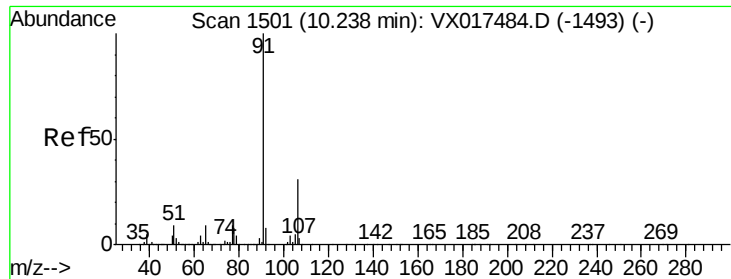
Ion Ratio Lower Upper

131 100

133 99.0 47.9 143.6

119 60.6 31.1 93.3

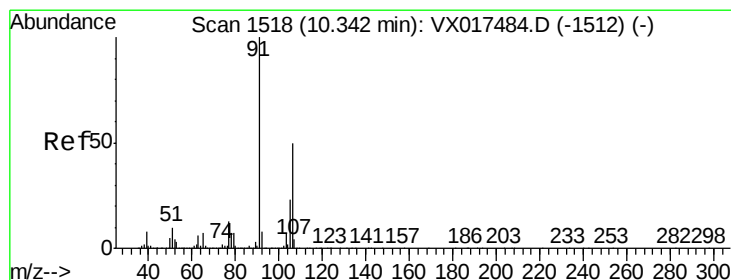
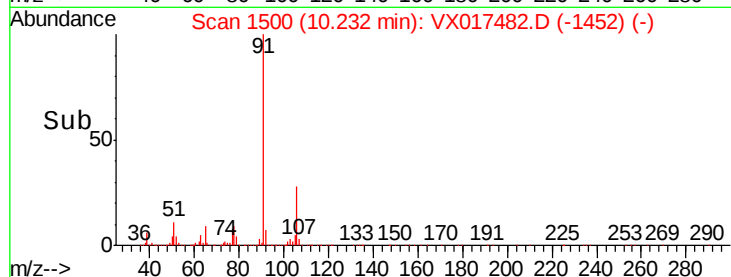
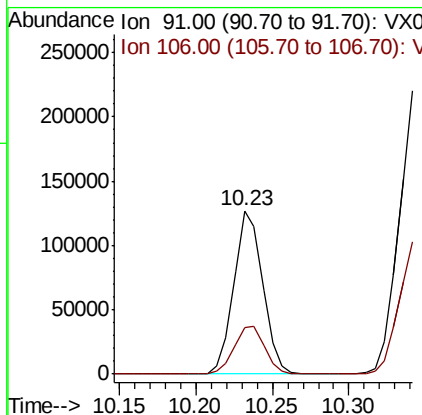
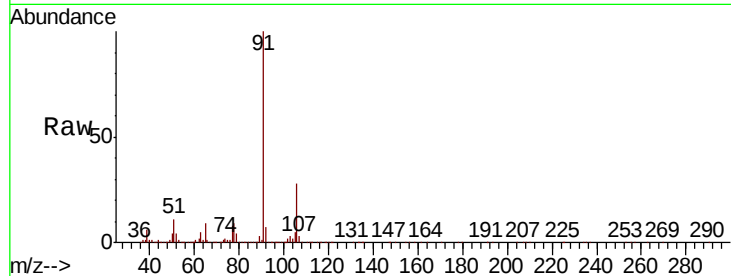




#67
Ethyl Benzene
Concen: 5.015 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

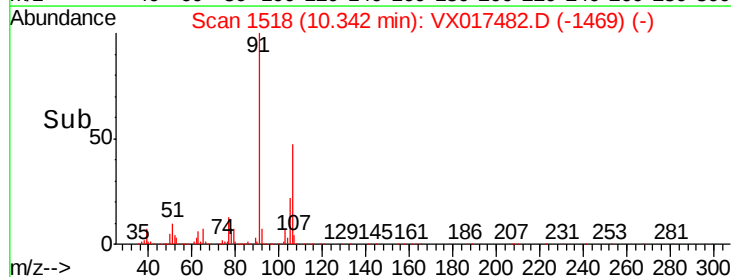
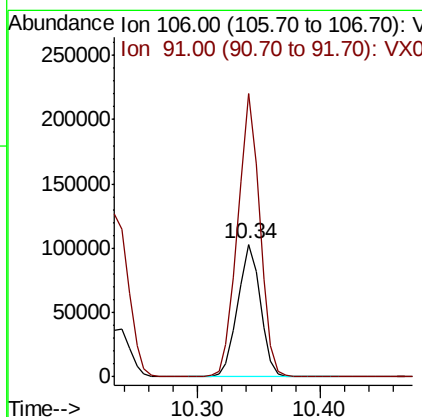
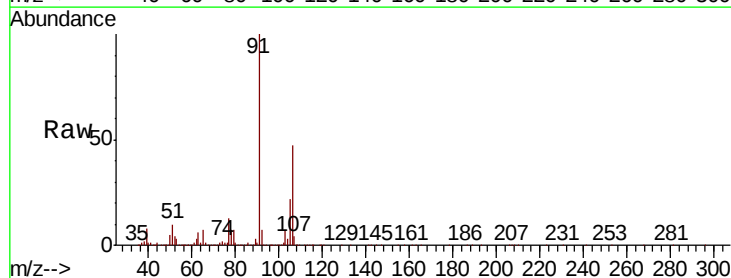
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

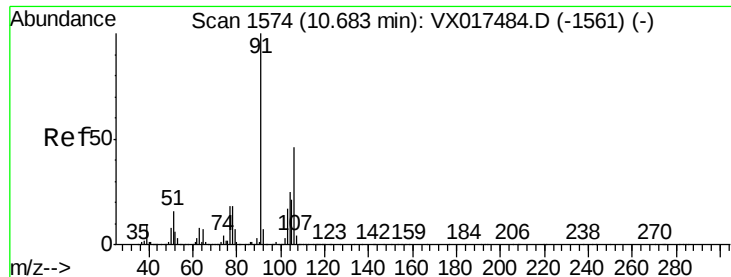
Tot Ion: 91 Resp: 166967
Ion Ratio Lower Upper
91 100
106 28.4 25.8 38.6



#68
m/p-Xylenes
Concen: 10.183 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion: 106 Resp: 131336
Ion Ratio Lower Upper
106 100
91 209.8 160.9 241.3

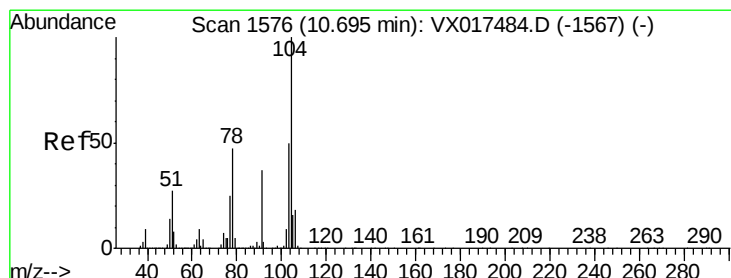
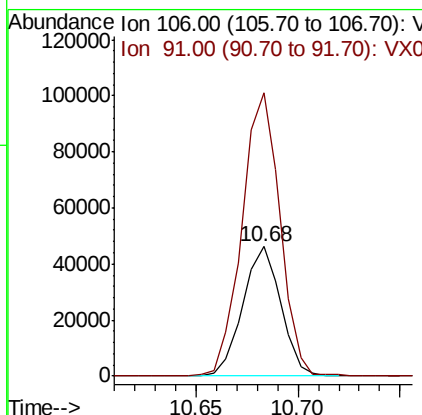
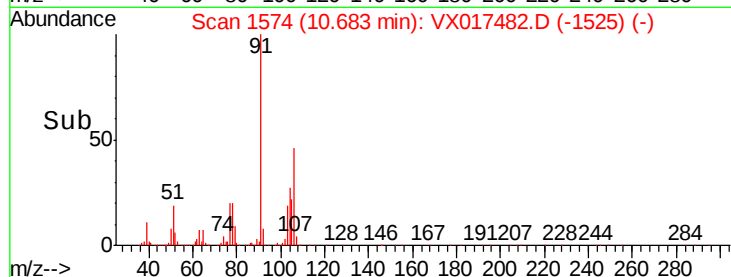
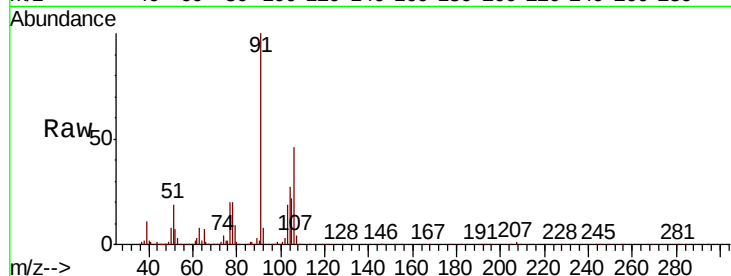




#69
o-Xylene
Concen: 4.839 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

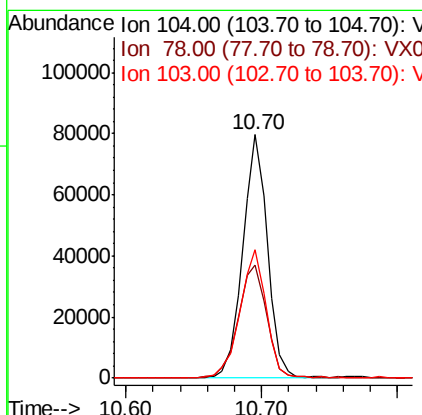
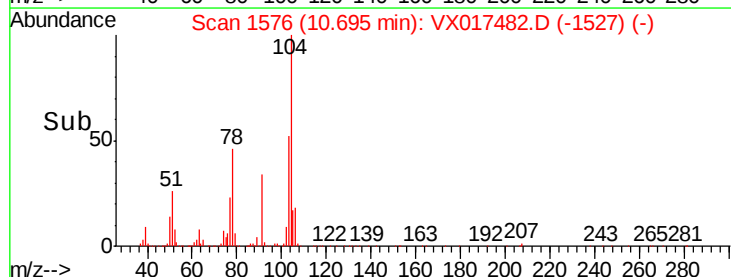
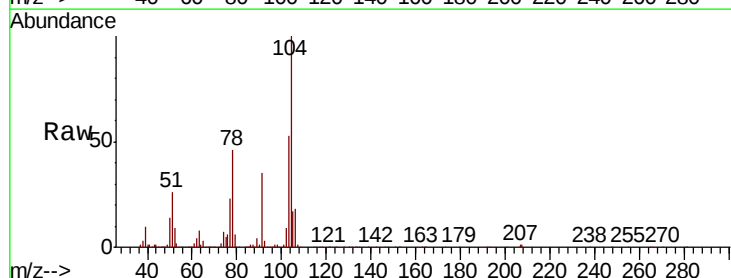
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 60022
Ion Ratio Lower Upper
106 100
91 217.4 108.2 324.6



#70
Styrene
Concen: 4.783 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion:104 Resp: 100944
Ion Ratio Lower Upper
104 100
78 53.4 42.5 63.7
103 55.9 44.3 66.5





#71

Bromoform

Concen: 4.666 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

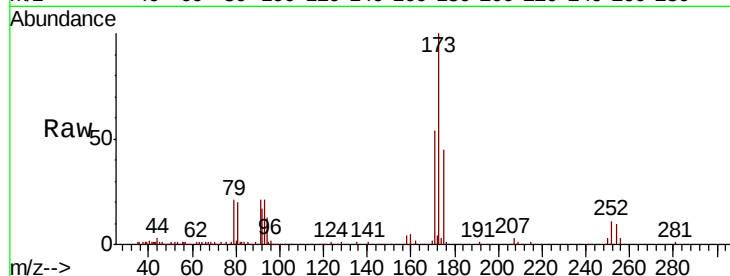
Tot Ion:173 Resp: 32539

Ion Ratio Lower Upper

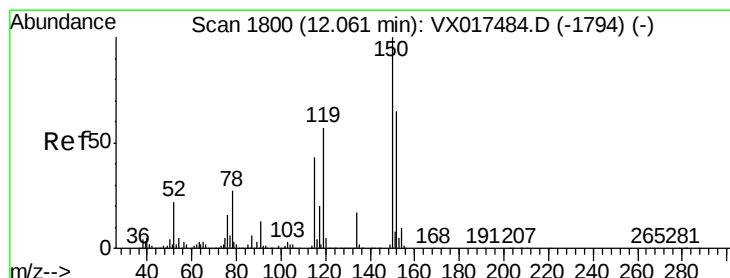
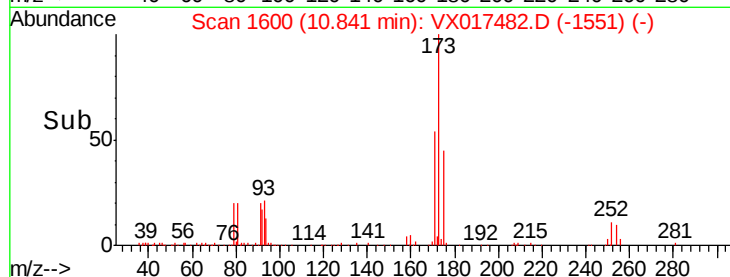
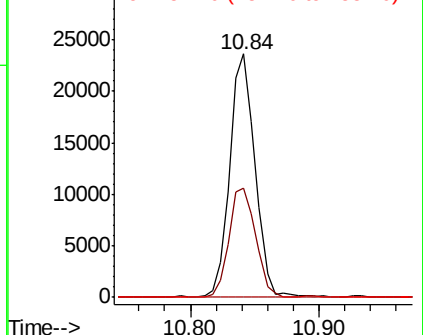
173 100

175 47.3 23.8 71.5

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: VX017482.D

Acq: 23 Jul 2020 09:45

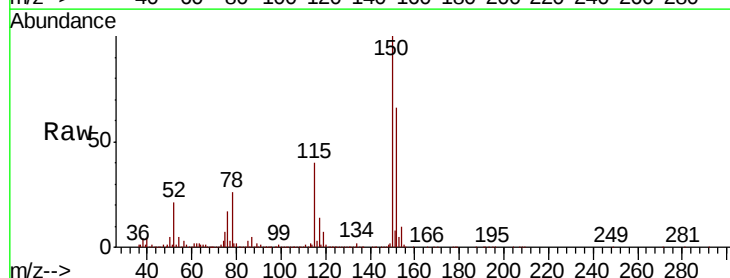
Tgt Ion:152 Resp: 498443

Ion Ratio Lower Upper

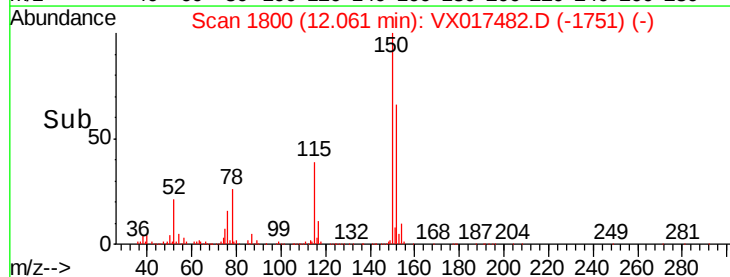
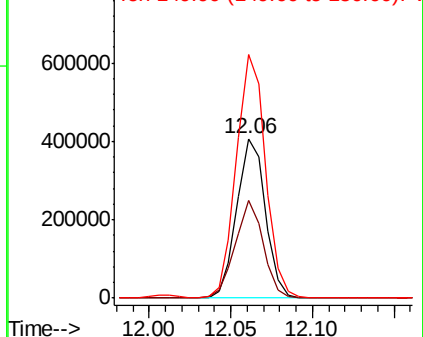
152 100

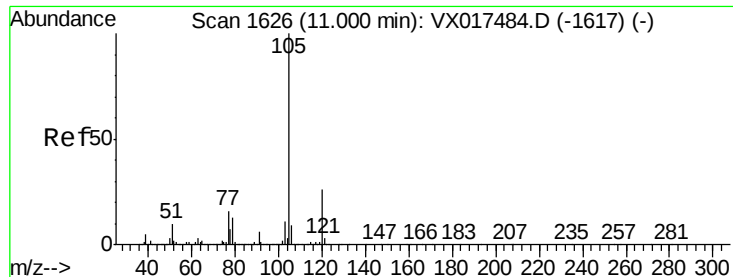
115 60.4 65.5 196.6#

150 155.7 0.0 412.6



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: 5.335 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

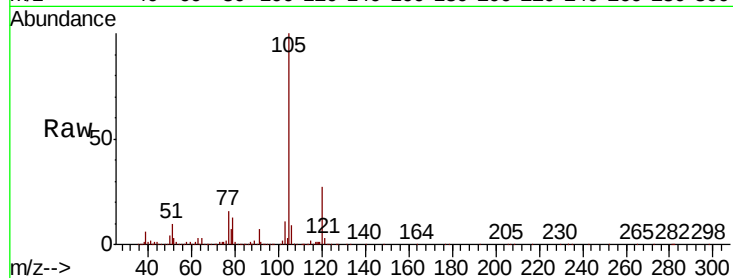
VSTDIC005

Tot Ion: 105 Resp: 182429

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

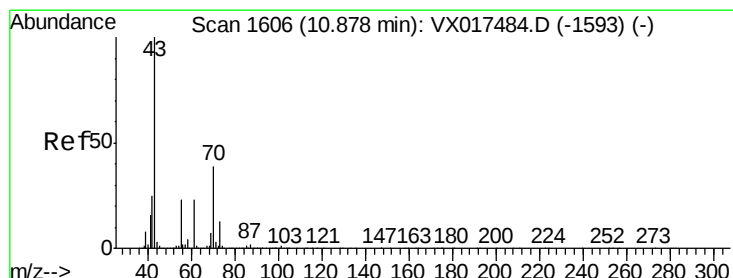
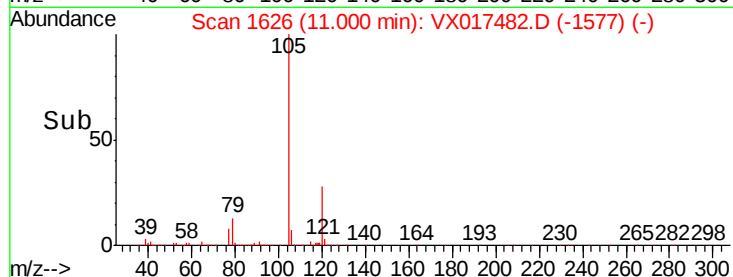
100000

50000

0

10.95 11.00 11.05

Time-->



#74

N-ethyl acetate

Concen: 5.102 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Tgt Ion: 43 Resp: 77516

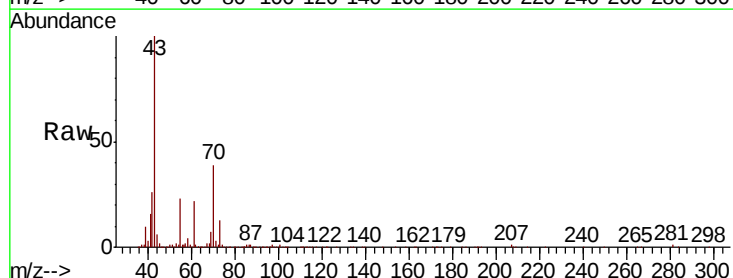
Ion Ratio Lower Upper

43 100

70 40.7 32.3 48.5

55 25.5 18.4 27.6

61 23.1 18.6 28.0



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

100000

80000

60000

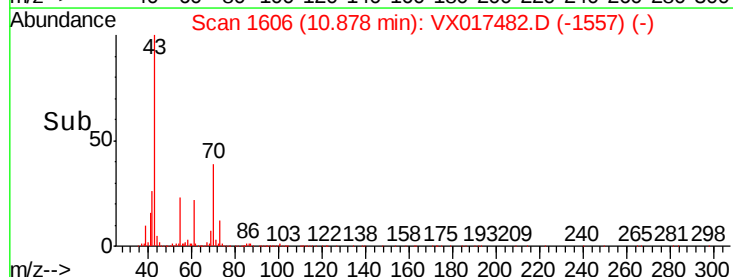
40000

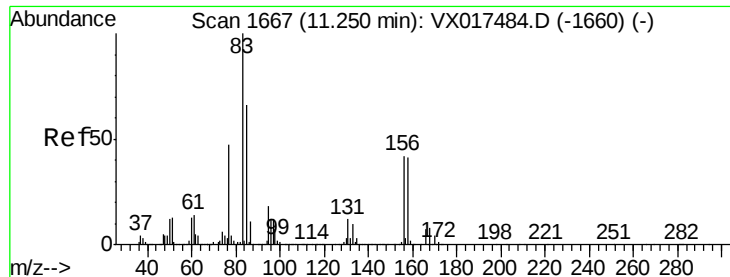
20000

0

10.80 10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 5.293 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

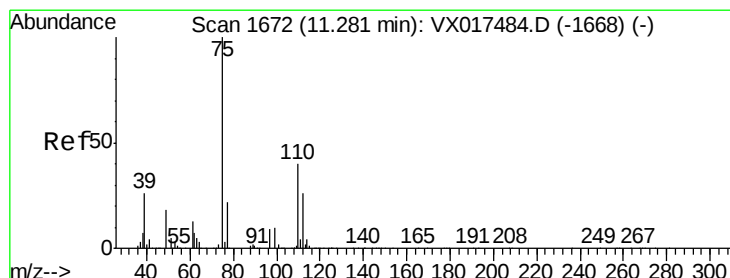
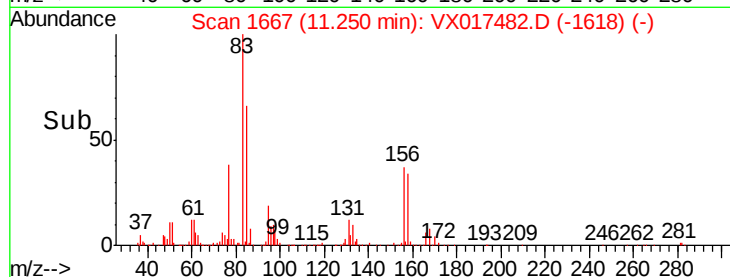
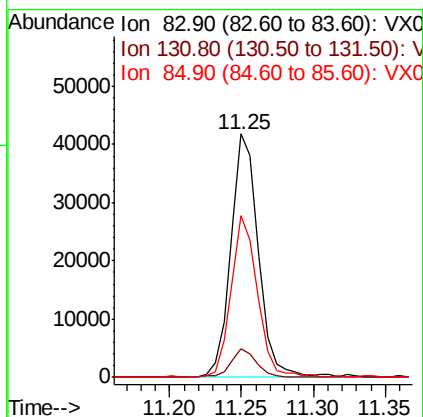
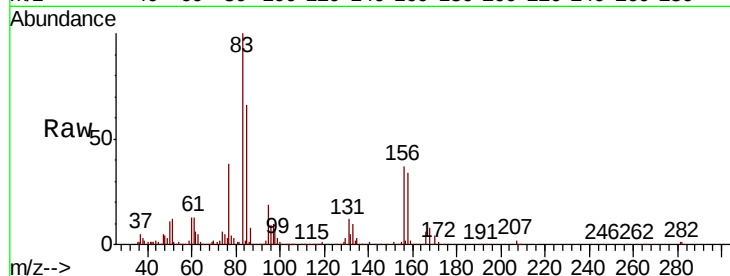
Tot Ion: 83 Resp: 56495

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.5

85 63.0 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 6.764 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017482.D

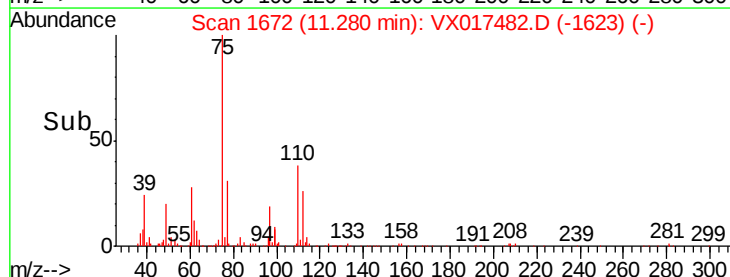
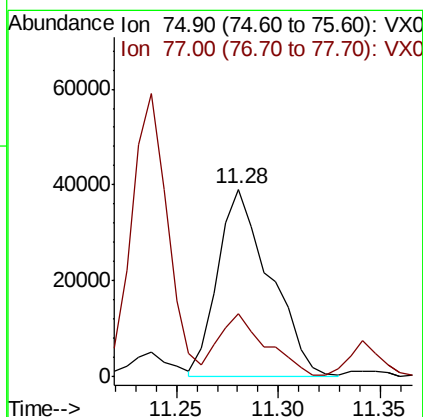
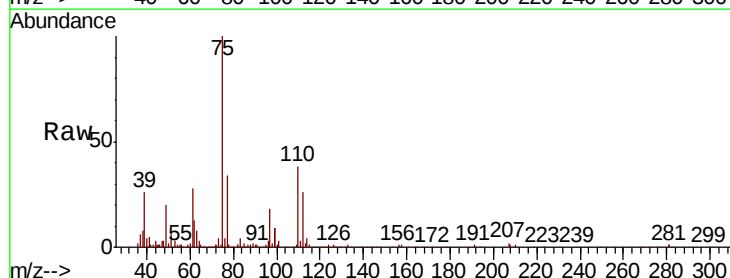
Acq: 23 Jul 2020 09:45

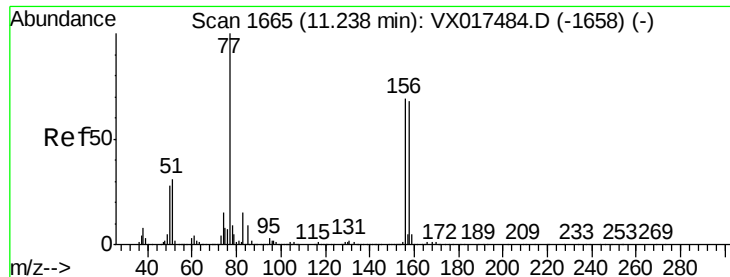
Tgt Ion: 75 Resp: 69350

Ion Ratio Lower Upper

75 100

77 30.0 21.8 65.3

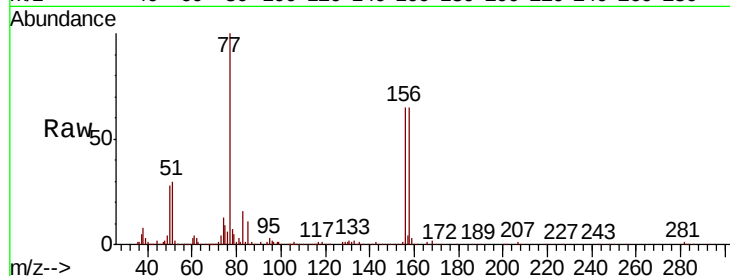




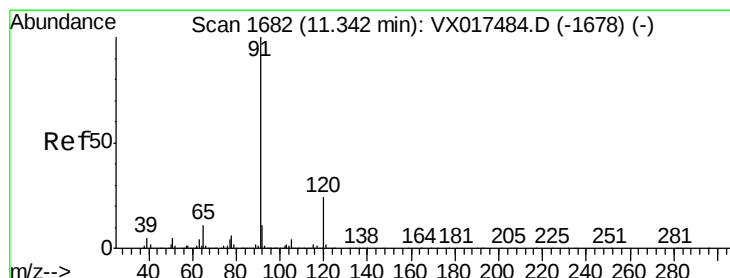
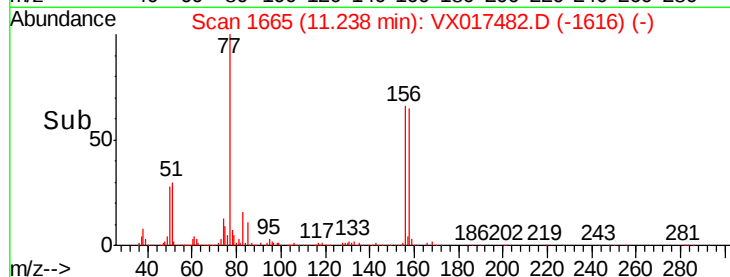
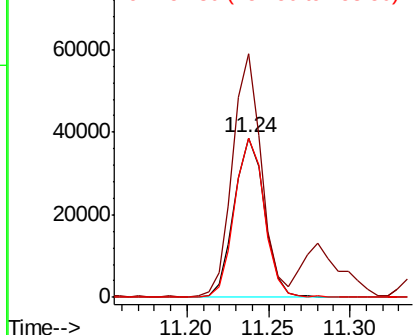
#77
Bromobenzene
Concen: 5.258 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:156 Resp: 50329
Ion Ratio Lower Upper
156 100
77 144.5 75.0 225.0
158 97.9 49.1 147.3

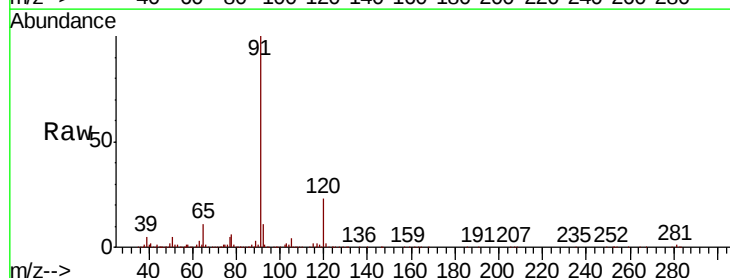


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

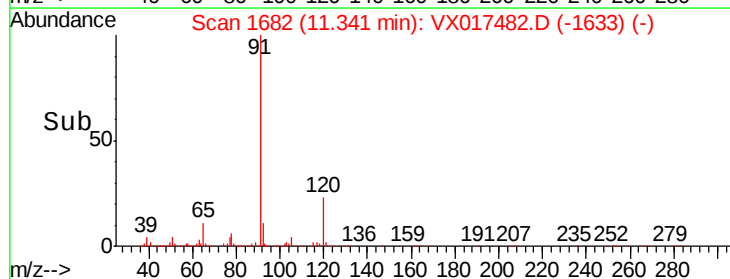
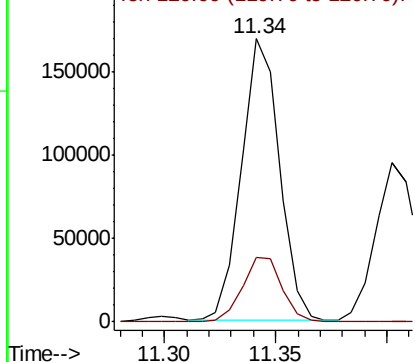


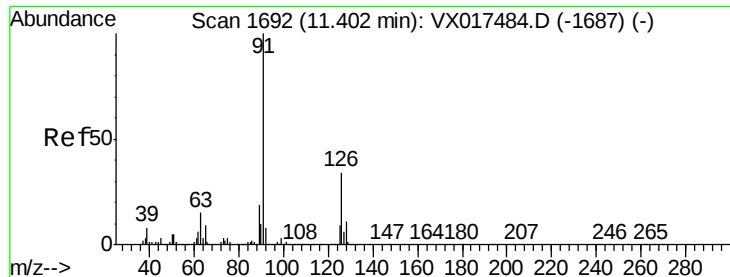
#78
n-propylbenzene
Concen: 5.222 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion: 91 Resp: 201370
Ion Ratio Lower Upper
91 100
120 23.9 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V

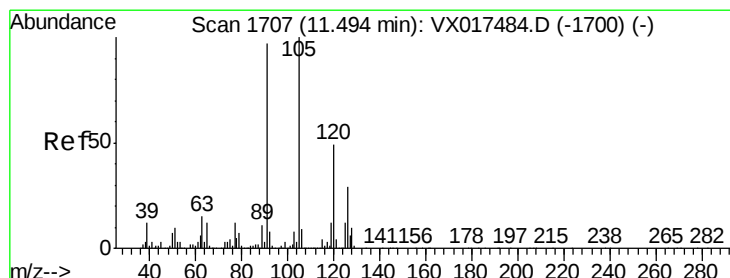
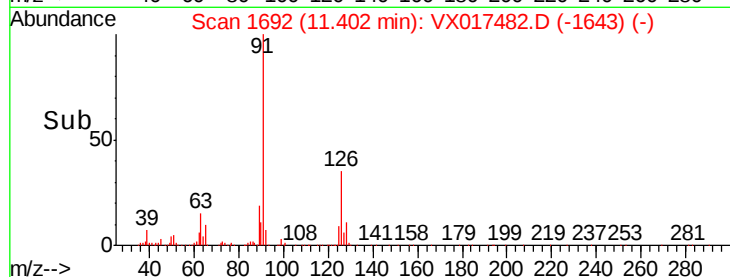
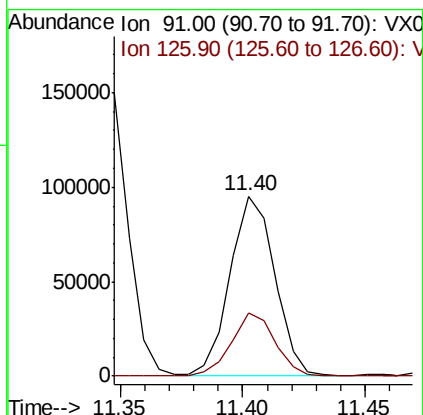
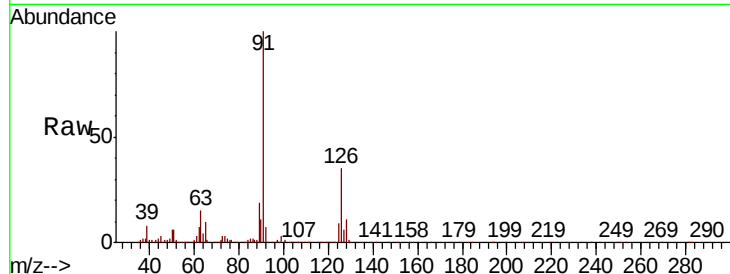




#79
2-Chlorotoluene
Concen: 5.073 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

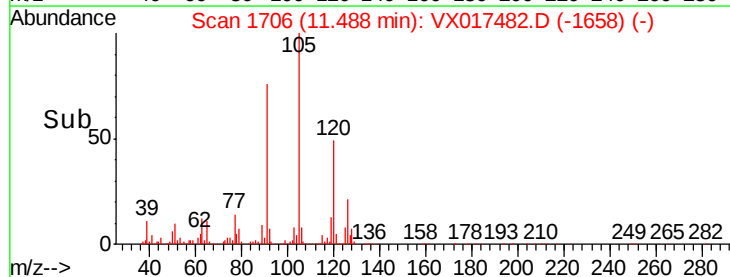
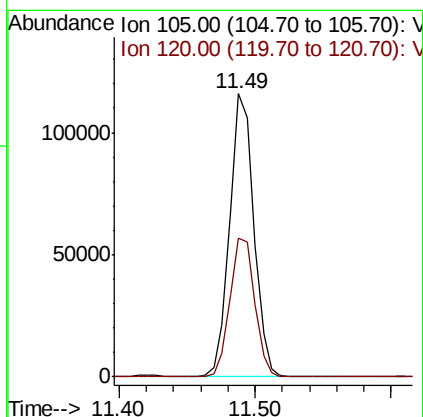
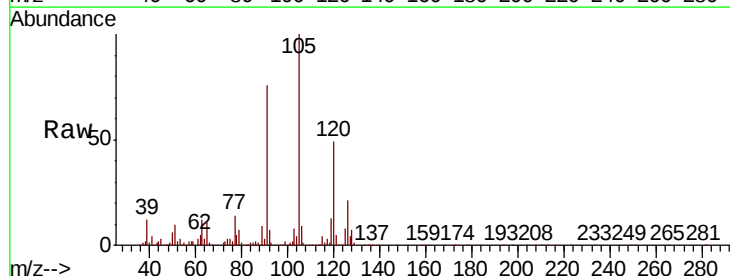
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 121192
Ion Ratio Lower Upper
91 100
126 34.5 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 4.918 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion:105 Resp: 143572
Ion Ratio Lower Upper
105 100
120 50.5 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 5.042 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

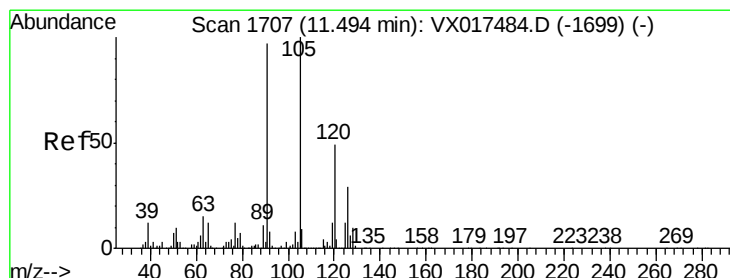
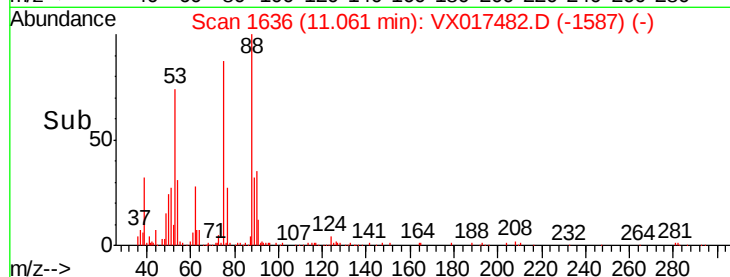
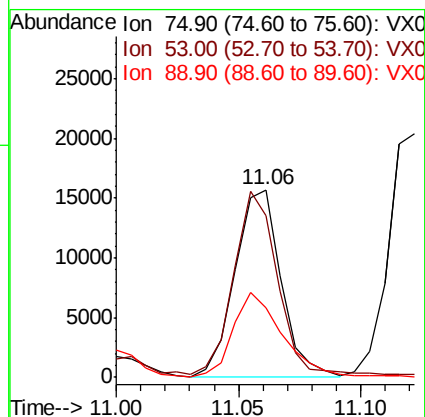
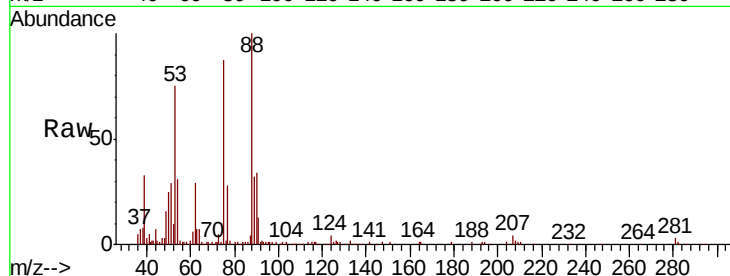
Tot Ion: 75 Resp: 20517

Ion Ratio Lower Upper

75 100

53 92.5 75.9 113.9

89 47.2 37.8 56.6



#82

4-Chlorotoluene

Concen: 5.089 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017482.D

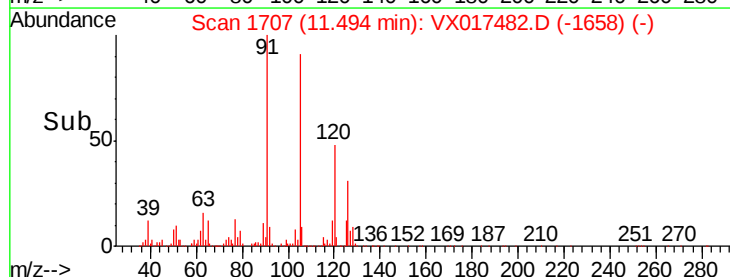
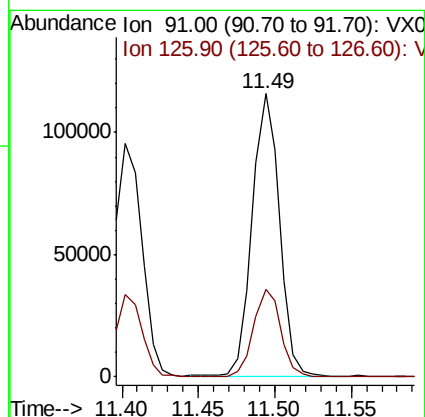
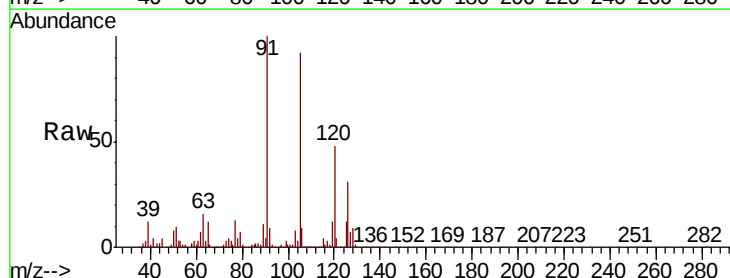
Acq: 23 Jul 2020 09:45

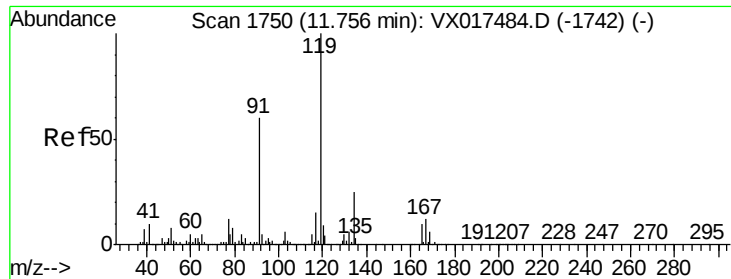
Tgt Ion: 91 Resp: 143422

Ion Ratio Lower Upper

91 100

126 31.5 15.2 45.6

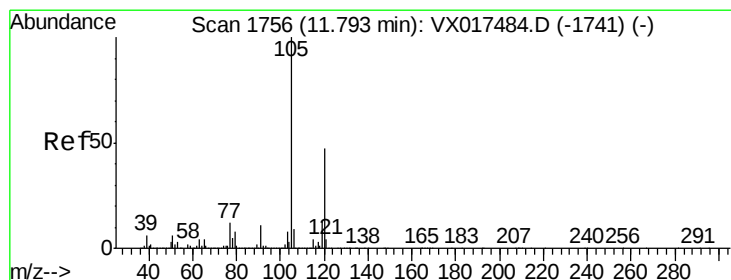
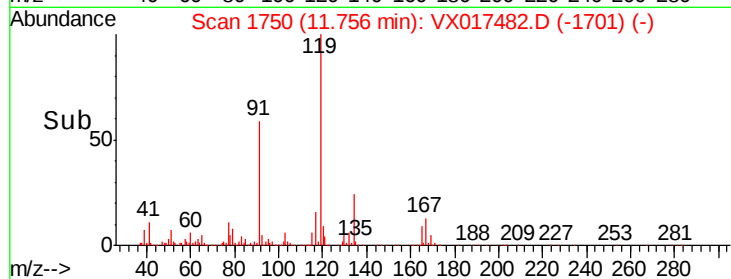
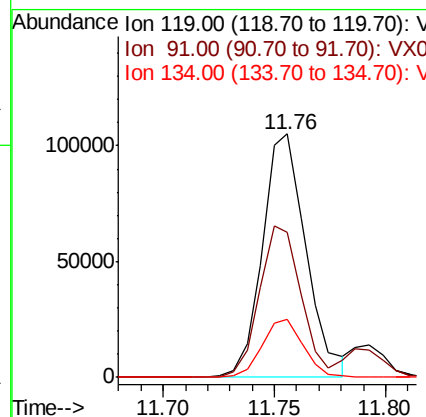
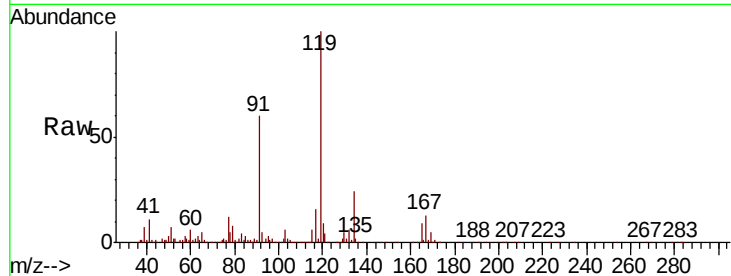




#83
 tert-Butylbenzene
 Concen: 5.117 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017482.D
 Acq: 23 Jul 2020 09:45

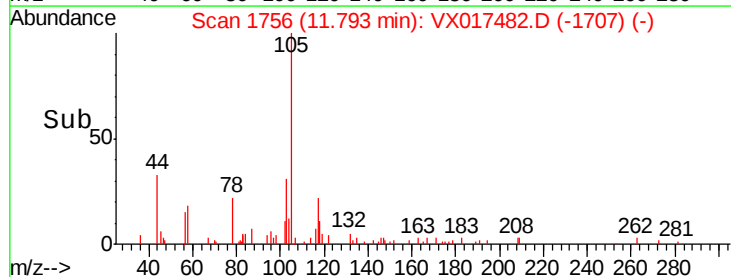
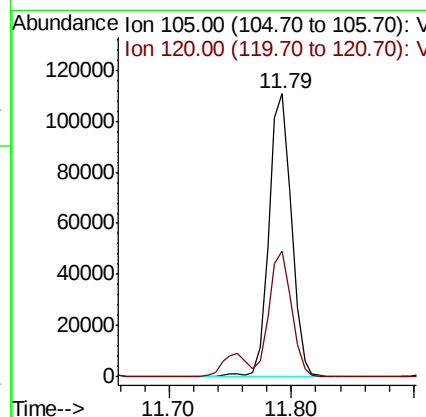
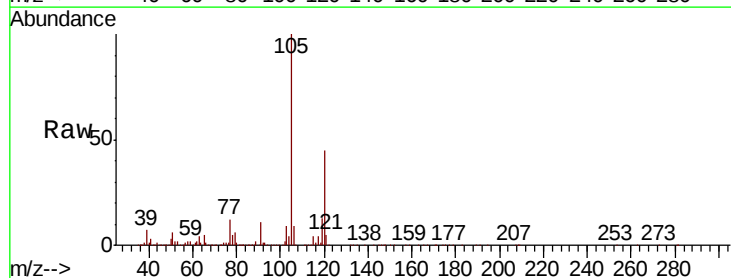
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

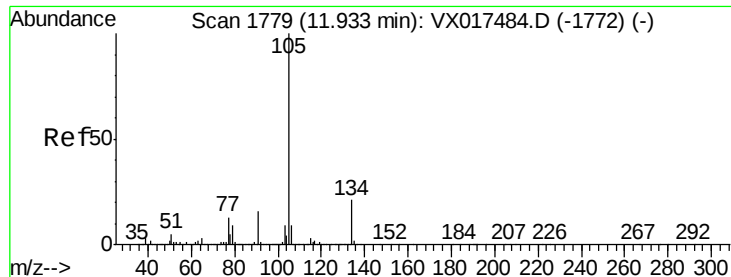
Tot Ion:119 Resp: 142950
 Ion Ratio Lower Upper
 119 100
 91 59.5 29.3 88.0
 134 22.5 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 4.898 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017482.D
 Acq: 23 Jul 2020 09:45

Tgt Ion:105 Resp: 142242
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.7 68.0





#85

sec-Butylbenzene

Concen: 4.946 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

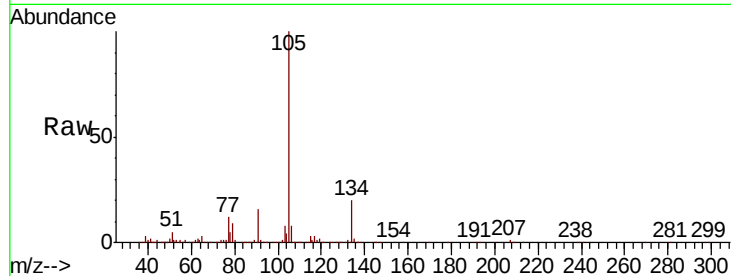
VSTDIC005

Tot Ion:105 Resp: 160943

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

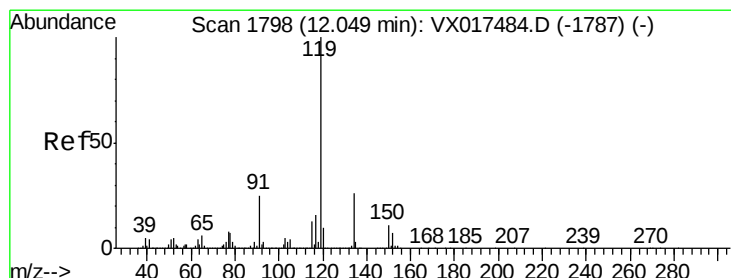
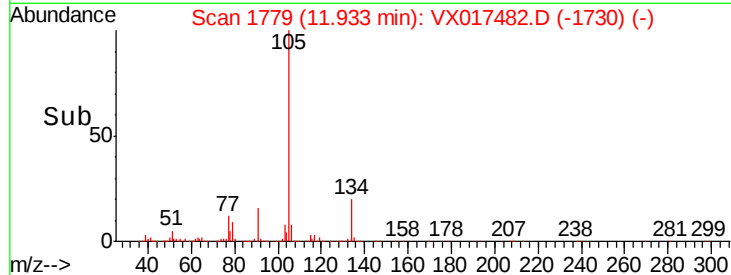
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 5.177 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

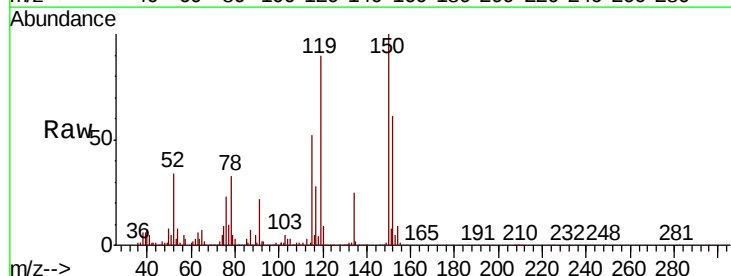
Tgt Ion:119 Resp: 160445

Ion Ratio Lower Upper

119 100

134 27.1 13.1 39.3

91 25.5 12.1 36.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

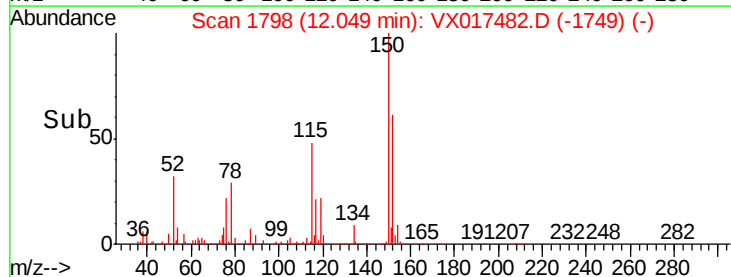
150000

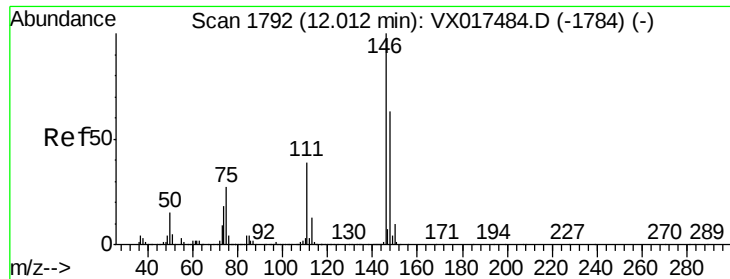
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 5.078 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

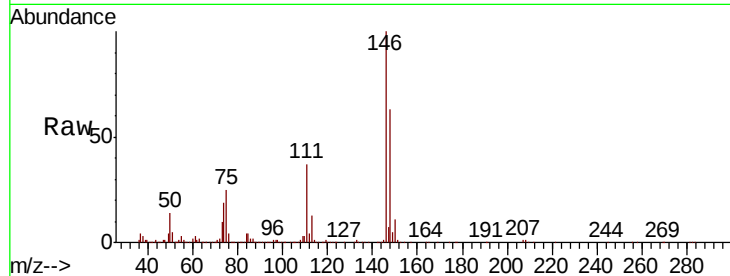
Tot Ion:146 Resp: 83471

Ion Ratio Lower Upper

146 100

111 38.9 19.9 59.7

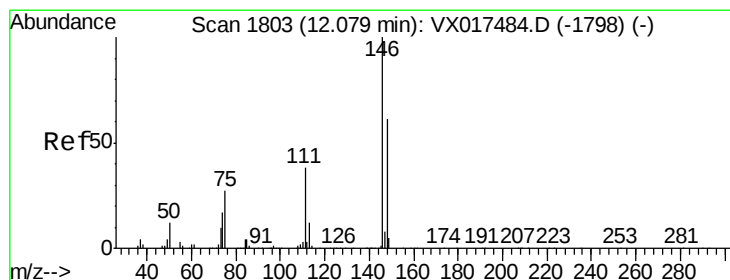
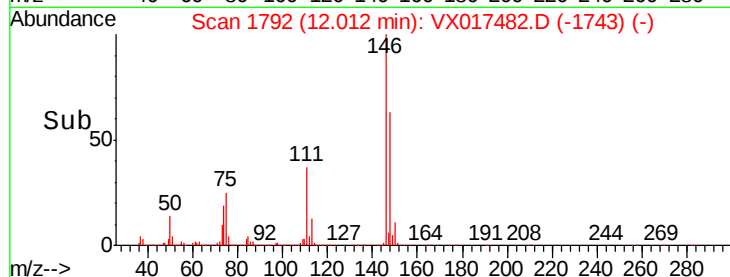
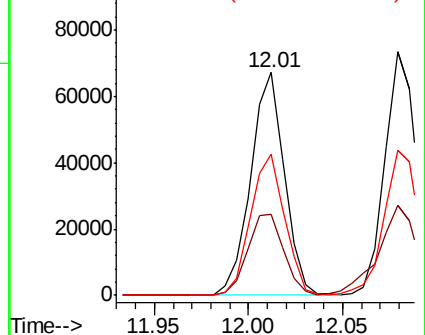
148 64.1 31.6 95.0



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: 5.197 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

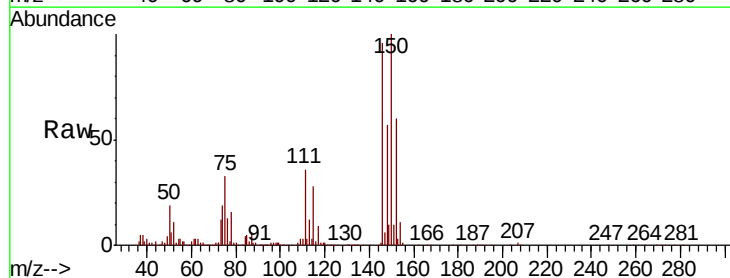
Tgt Ion:146 Resp: 88488

Ion Ratio Lower Upper

146 100

111 43.1 19.3 57.8

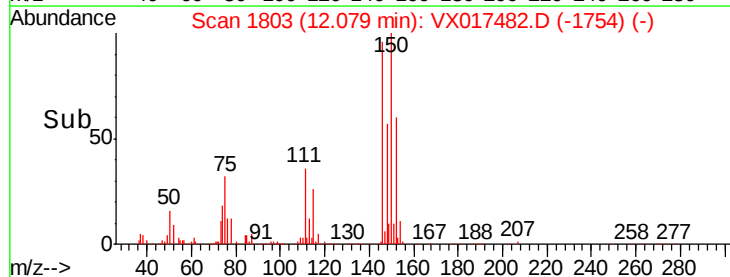
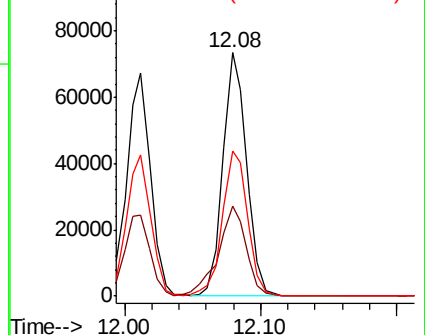
148 63.8 32.2 96.6

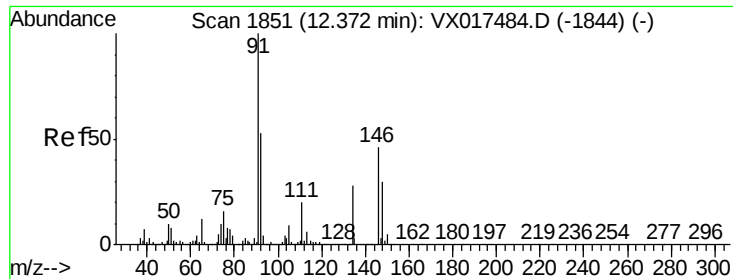


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

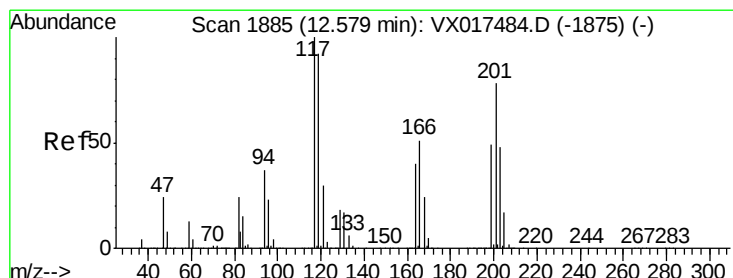
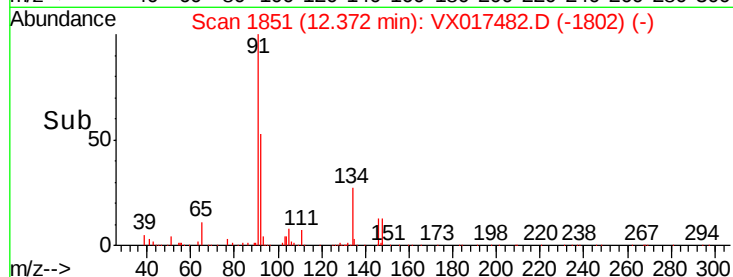
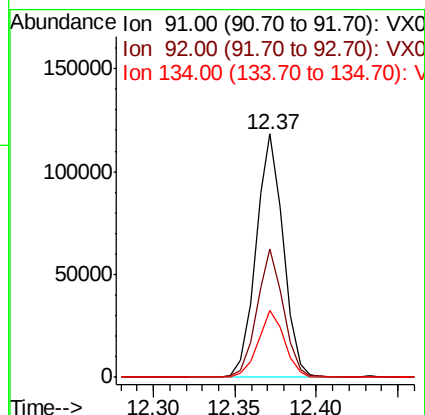
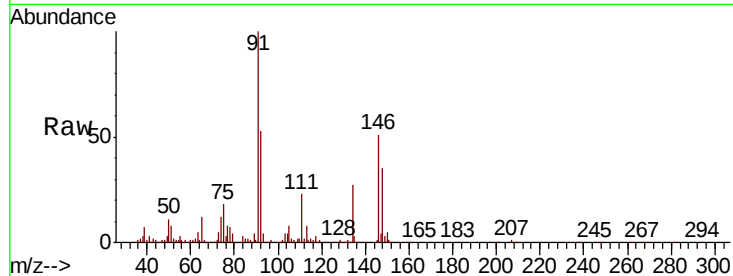




#89
n-Butylbenzene
Concen: 4.973 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

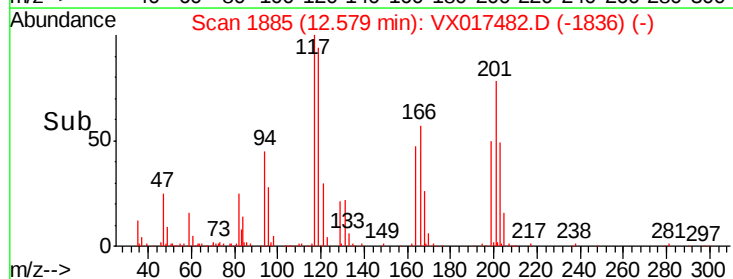
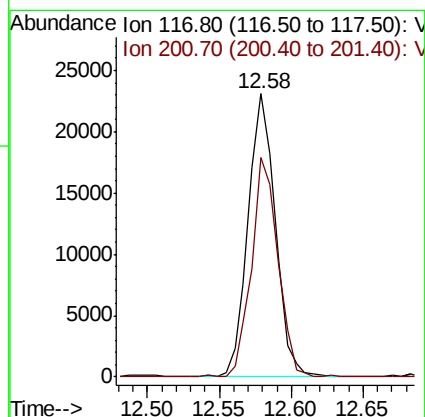
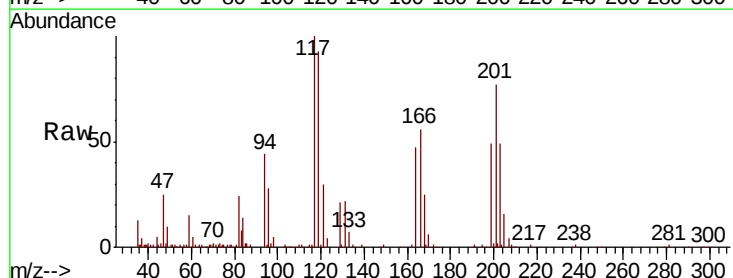
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

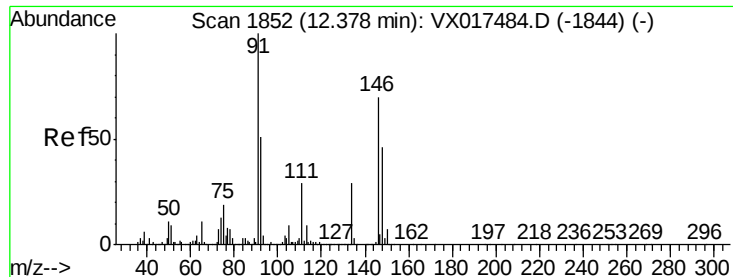
Tot Ion: 91 Resp: 137336
Ion Ratio Lower Upper
91 100
92 51.1 26.7 80.1
134 26.8 13.6 40.7



#90
Hexachloroethane
Concen: 4.943 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion: 117 Resp: 30200
Ion Ratio Lower Upper
117 100
201 74.6 42.2 126.6

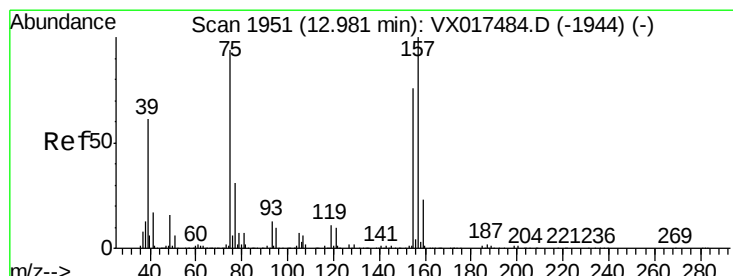
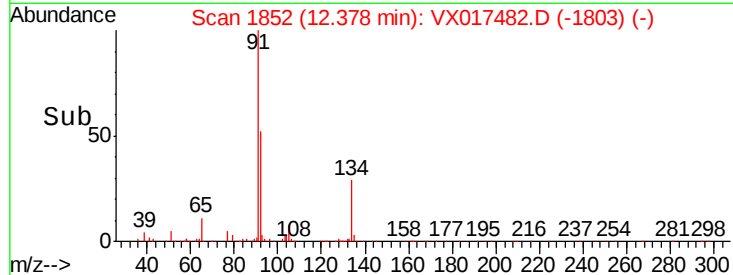
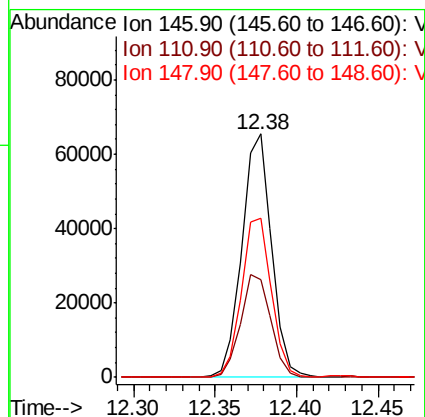
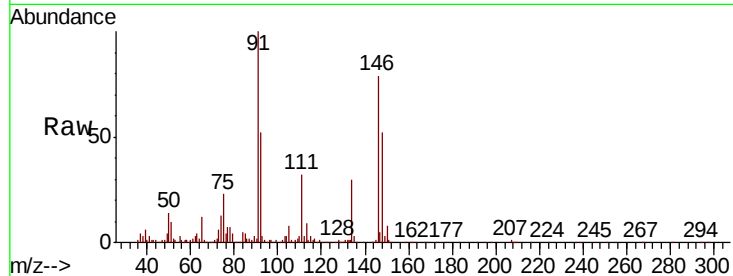




#91
 1,2-Dichlorobenzene
 Concen: 5.132 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017482.D
 Acq: 23 Jul 2020 09:45

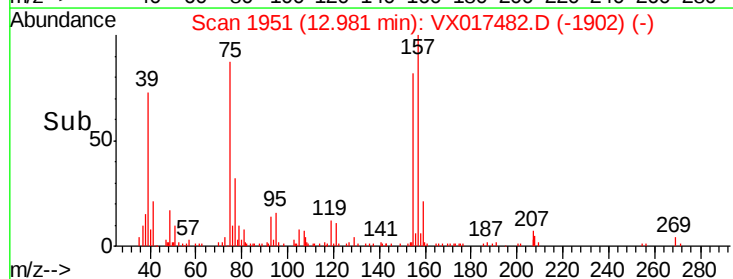
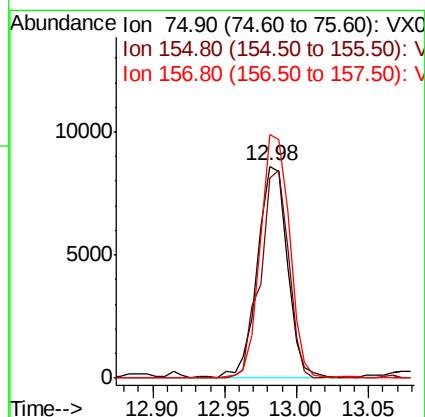
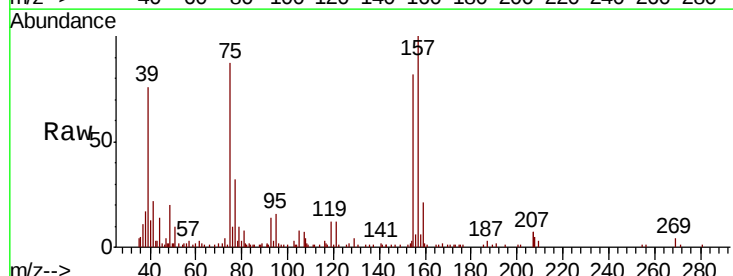
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

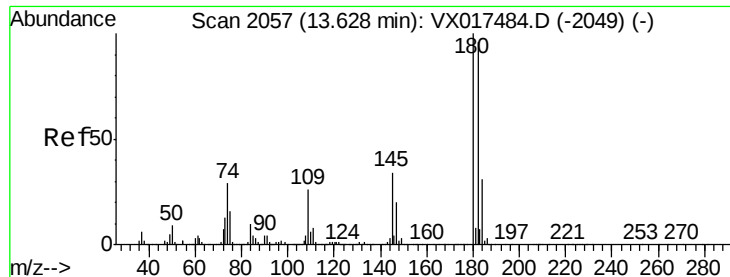
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.9	62.8
148	66.3	32.8	98.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.470 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017482.D
 Acq: 23 Jul 2020 09:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.5	42.3	126.8
157	111.0	54.3	162.9

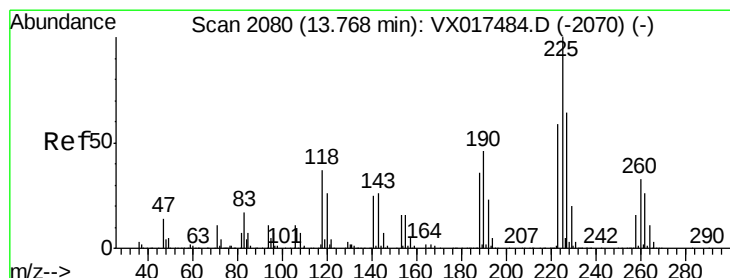
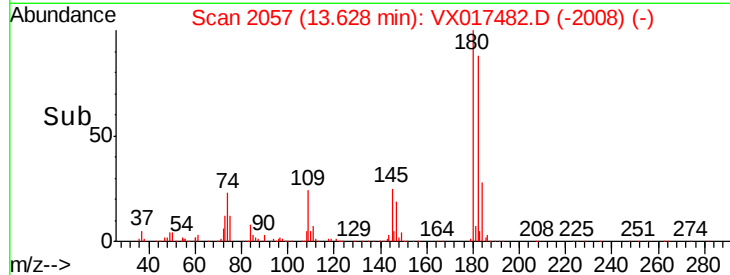
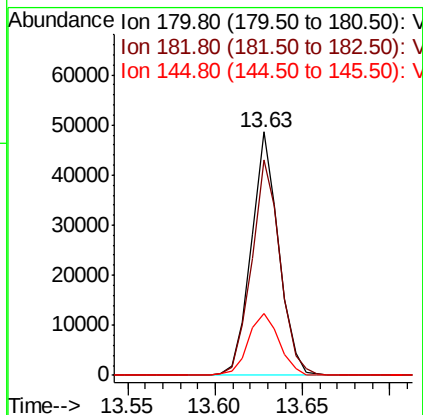
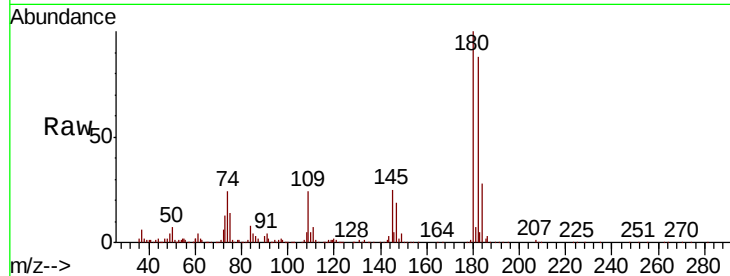




#93
 1,2,4-Trichlorobenzene
 Concen: 4.789 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017482.D
 Acq: 23 Jul 2020 09:45

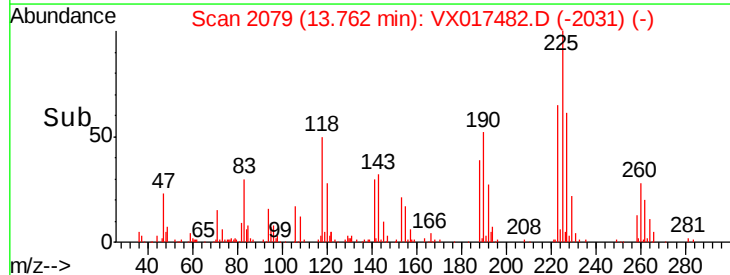
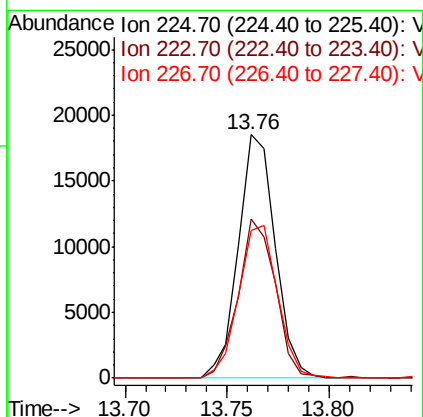
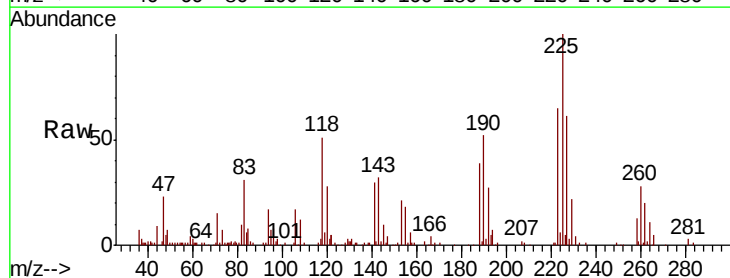
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

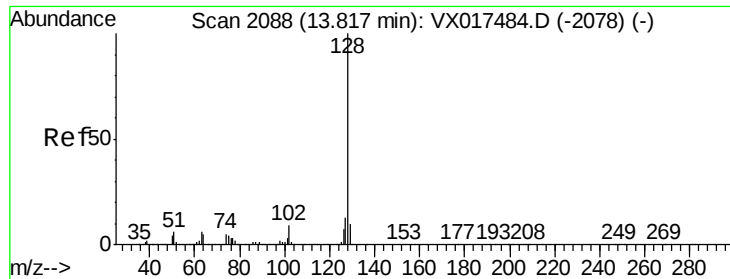
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.5	142.6
145	29.3	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 4.580 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017482.D
 Acq: 23 Jul 2020 09:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.7	30.3	90.9
227	66.4	31.1	93.2

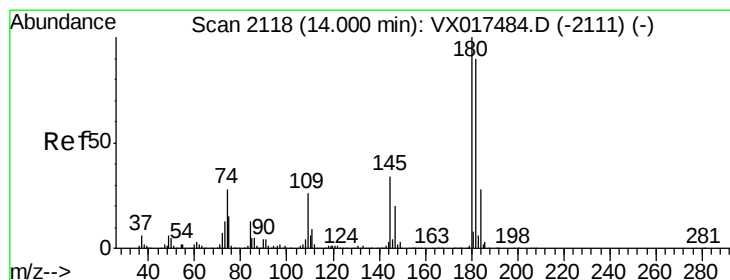
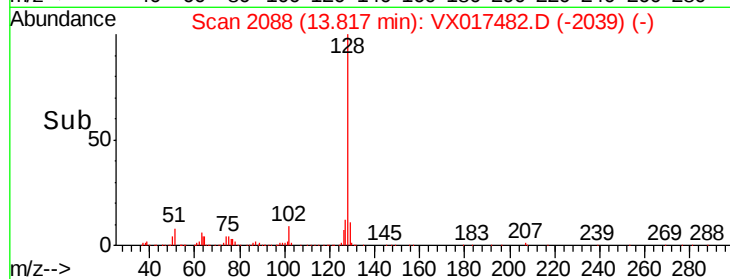
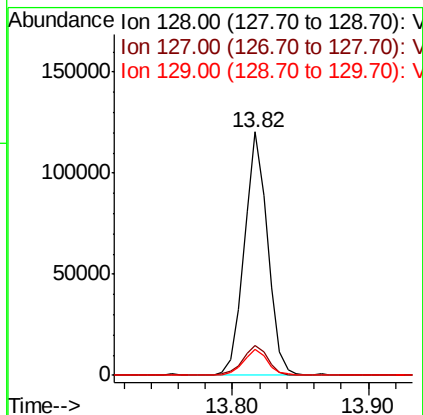
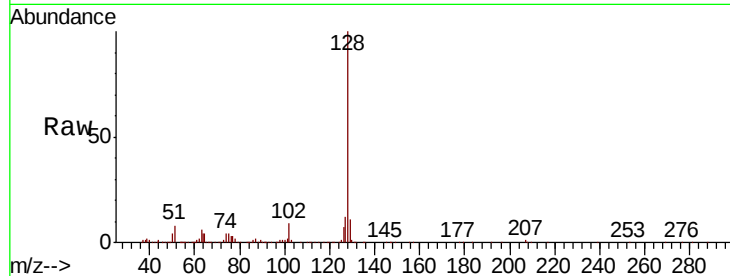




#95
Naphthalene
Concen: 4.371 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.2	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 4.729 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.4	142.3
145	35.5	16.3	48.9

