

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042820\
 Data File : VX015962.D
 Acq On : 28 Apr 2020 15:24
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 28 17:22:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:15:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	265806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	422772	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	386562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	200296	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	18320	5.27	ug/l	0.00
Spiked Amount			Recovery	=	10.54%	
35) Dibromofluoromethane	5.46	113	13500	5.12	ug/l	0.00
Spiked Amount			Recovery	=	10.24%	
50) Toluene-d8	8.70	98	49241	4.99	ug/l	0.00
Spiked Amount			Recovery	=	9.98%	
62) 4-Bromofluorobenzene	11.12	95	19081	4.93	ug/l	0.00
Spiked Amount			Recovery	=	9.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	11299	4.750	ug/l	97
3) Chloromethane	1.31	50	14155	4.910	ug/l	96
4) Vinyl Chloride	1.39	62	16358	4.997	ug/l	100
5) Bromomethane	1.62	94	12758	5.805	ug/l	91
6) Chloroethane	1.70	64	10859	4.987	ug/l	100
7) Trichlorofluoromethane	1.92	101	25015	5.055	ug/l	100
8) Diethyl Ether	2.17	74	10161	4.919	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	12410	5.031	ug/l	98
10) Methyl Iodide	2.49	142	15330	4.455	ug/l	97
11) Tert butyl alcohol	3.01	59	21610	25.616	ug/l	95
12) 1,1-Dichloroethene	2.36	96	12624	4.964	ug/l	94
13) Acrolein	2.27	56	6024	28.414	ug/l	92
14) Allyl chloride	2.71	41	22530	4.913	ug/l	95
15) Acrylonitrile	3.12	53	41779	24.977	ug/l	99
16) Acetone	2.42	43	37885	25.493	ug/l	98
17) Carbon Disulfide	2.55	76	39467	4.845	ug/l	98
18) Methyl Acetate	2.75	43	21449	5.086	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	45962	4.997	ug/l	96
20) Methylene Chloride	2.83	84	15029	5.109	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	14121	4.927	ug/l	98
22) Diisopropyl ether	3.82	45	45398	5.035	ug/l #	97
23) Vinyl Acetate	3.79	43	194285	24.808	ug/l	99
24) 1,1-Dichloroethane	3.67	63	25489	5.075	ug/l	100
25) 2-Butanone	4.64	43	60238	25.014	ug/l	99
26) 2,2-Dichloropropane	4.55	77	23668	5.154	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	16363	5.031	ug/l	100
28) Bromochloromethane	4.98	49	12586	5.179	ug/l	95
29) Tetrahydrofuran	5.10	42	38995	24.708	ug/l	99
30) Chloroform	5.18	83	26720	5.116	ug/l	95
31) Cyclohexane	5.56	56	22723	5.082	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	24356	5.065	ug/l	99
36) 1,1-Dichloropropene	5.77	75	20187	5.013	ug/l	99
37) Ethyl Acetate	4.80	43	23489	5.087	ug/l	98
38) Carbon Tetrachloride	5.76	117	21354	5.021	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042820\
 Data File : VX015962.D
 Acq On : 28 Apr 2020 15:24
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 28 17:22:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:15:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	23470	5.039	ug/l	98
40) Benzene	6.11	78	58355	5.079	ug/l	100
41) Methacrylonitrile	5.01	41	11734	4.748	ug/l	96
42) 1,2-Dichloroethane	6.16	62	22783	5.118	ug/l	100
43) Isopropyl Acetate	6.42	43	37968	4.966	ug/l	98
44) Trichloroethene	7.20	130	21822	5.270	ug/l	97
45) 1,2-Dichloropropane	7.49	63	15243	5.134	ug/l	93
46) Dibromomethane	7.64	93	10580	5.015	ug/l	98
47) Bromodichloromethane	7.88	83	20699	4.937	ug/l	99
48) Methyl methacrylate	7.75	41	17680	5.008	ug/l	98
49) 1,4-Dioxane	7.72	88	8325	100.245	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	114285	24.642	ug/l	100
52) Toluene	8.77	92	36430	4.995	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	24303	4.885	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	25595	5.002	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	14555	4.994	ug/l	98
56) Ethyl methacrylate	9.16	69	22378	4.722	ug/l	98
57) 1,3-Dichloropropane	9.35	76	25049	5.002	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.29	63	57644	23.538	ug/l	99
59) 2-Hexanone	9.48	43	89039	24.566	ug/l	100
60) Dibromochloromethane	9.57	129	15727	4.821	ug/l	97
61) 1,2-Dibromoethane	9.65	107	15445	4.887	ug/l	98
64) Tetrachloroethene	9.32	164	23985	5.230	ug/l	98
65) Chlorobenzene	10.12	112	40072	5.090	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	14938	5.020	ug/l	97
67) Ethyl Benzene	10.24	91	70660	5.040	ug/l	98
68) m/p-Xylenes	10.34	106	53209	10.001	ug/l	98
69) o-Xylene	10.68	106	24869	4.923	ug/l	92
70) Styrene	10.70	104	41426	4.779	ug/l	99
71) Bromoform	10.84	173	10929	4.534	ug/l #	100
73) Isopropylbenzene	11.00	105	68001	4.991	ug/l	99
74) N-amyl acetate	10.88	43	32224	4.904	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	10762	4.075	ug/l	96
76) 1,2,3-Trichloropropane	11.28	75	28536	5.440	ug/l	84
77) Bromobenzene	11.24	156	17628	5.026	ug/l	99
78) n-propylbenzene	11.34	91	78616	5.016	ug/l	99
79) 2-Chlorotoluene	11.40	91	47288	5.063	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	58014	5.054	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	8275	4.653	ug/l	97
82) 4-Chlorotoluene	11.49	91	54911	4.916	ug/l	98
83) tert-Butylbenzene	11.76	119	49511	5.003	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	57737	4.998	ug/l	100
85) sec-Butylbenzene	11.93	105	66624	4.997	ug/l	100
86) p-Isopropyltoluene	12.05	119	62054	4.969	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	32113	5.021	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	31780	4.916	ug/l	93
89) n-Butylbenzene	12.37	91	54398	4.820	ug/l	100
90) Hexachloroethane	12.58	117	10217	4.630	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	30641	5.010	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	5382	4.784	ug/l	94

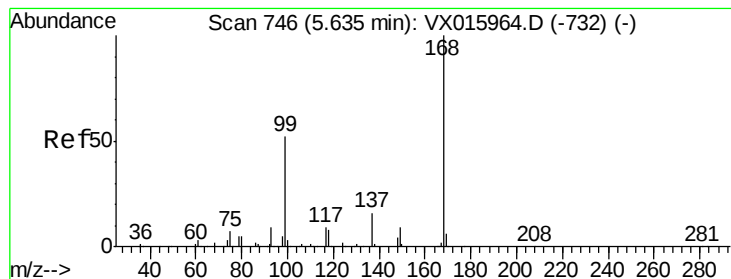
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042820\
Data File : VX015962.D
Acq On : 28 Apr 2020 15:24
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Apr 28 17:22:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 28 17:15:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	22316	4.861	ug/l	98
94) Hexachlorobutadiene	13.77	225	10212	4.979	ug/l	95
95) Naphthalene	13.82	128	69490	4.800	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	21745	4.919	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

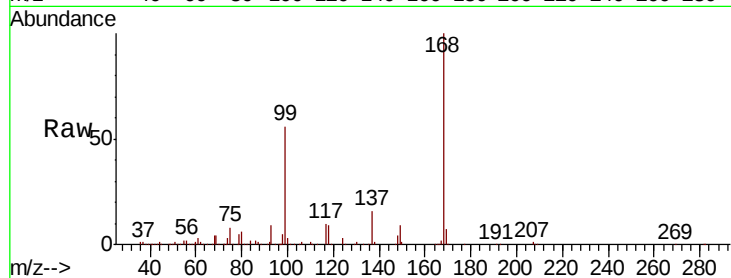
VSTDIC005

Tot Ion:168 Resp: 265806

Ion Ratio Lower Upper

168 100

99 55.8 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

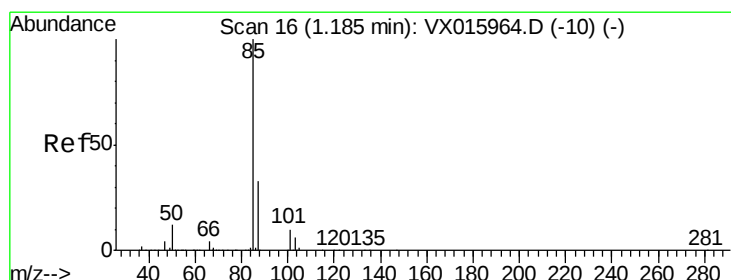
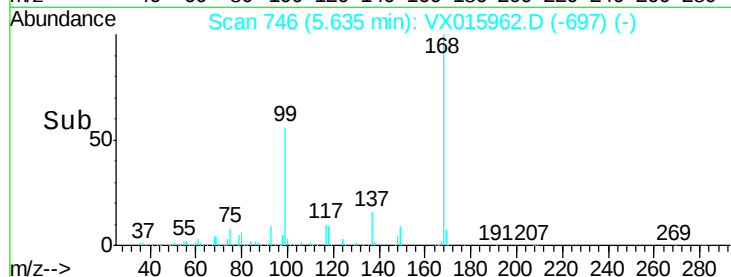
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.750 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015962.D

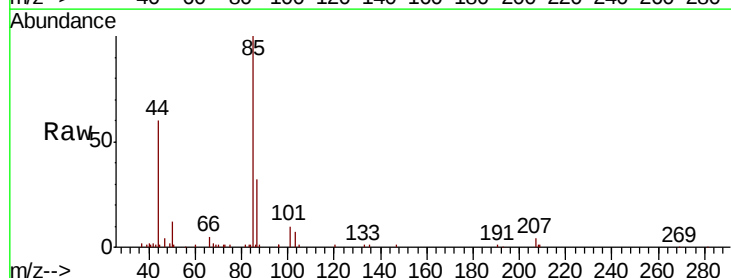
Acq: 28 Apr 2020 15:24

Tgt Ion: 85 Resp: 11299

Ion Ratio Lower Upper

85 100

87 31.8 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

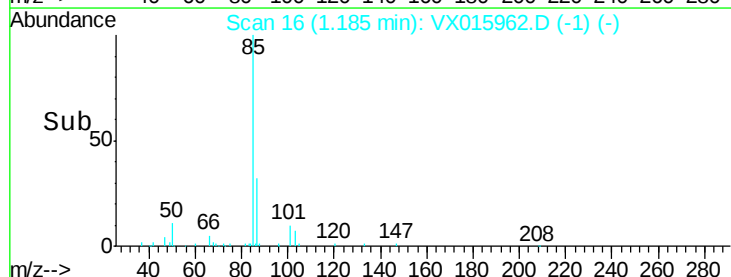
1.18

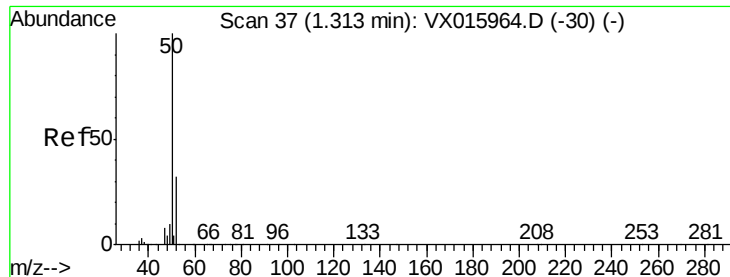
10000

5000

0

Time-->





#3

Chloromethane

Concen: 4.910 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

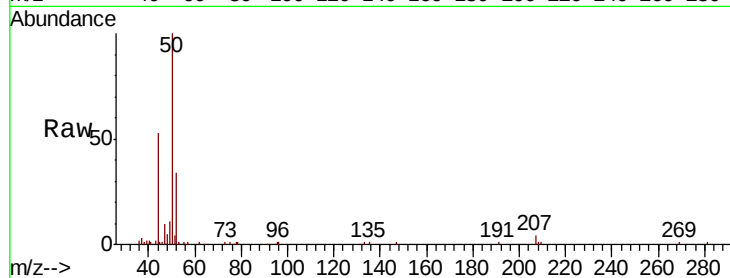
VSTDIC005

Tot Ion: 50 Resp: 14155

Ion Ratio Lower Upper

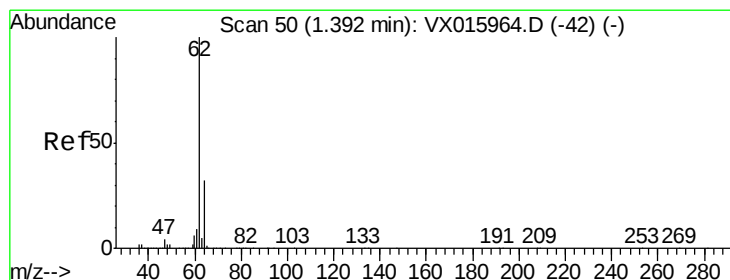
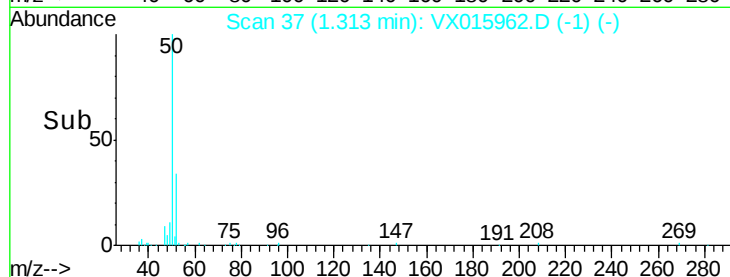
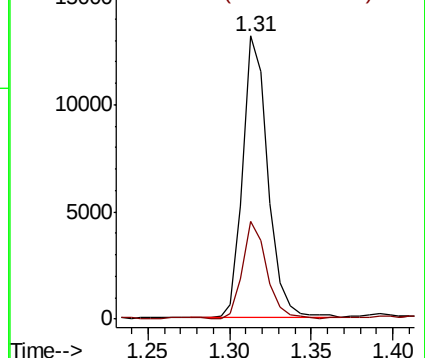
50 100

52 34.1 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 4.997 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015962.D

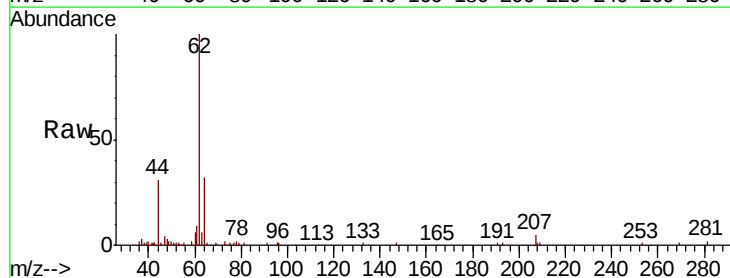
Acq: 28 Apr 2020 15:24

Tgt Ion: 62 Resp: 16358

Ion Ratio Lower Upper

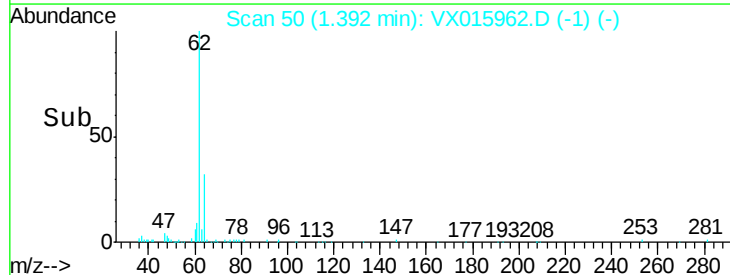
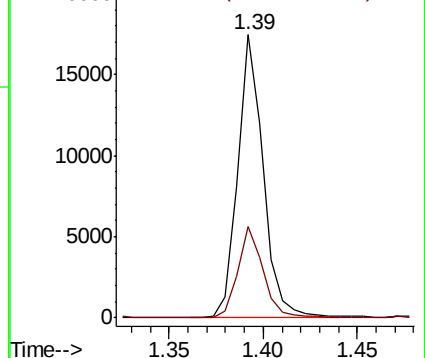
62 100

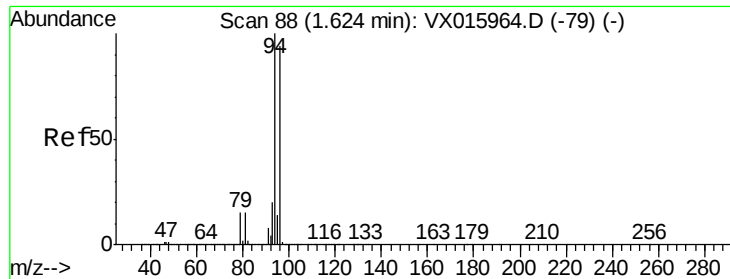
64 32.2 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 5.805 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

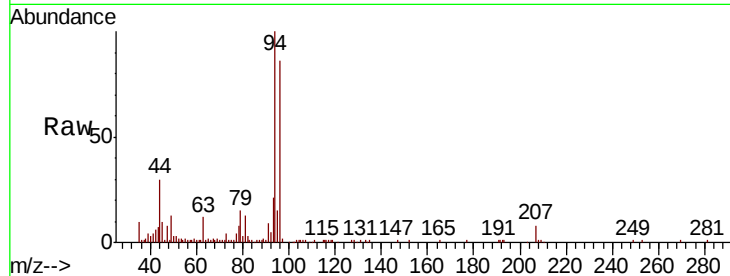
VSTDIC005

Tot Ion: 94 Resp: 12758

Ion Ratio Lower Upper

94 100

96 84.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

15000

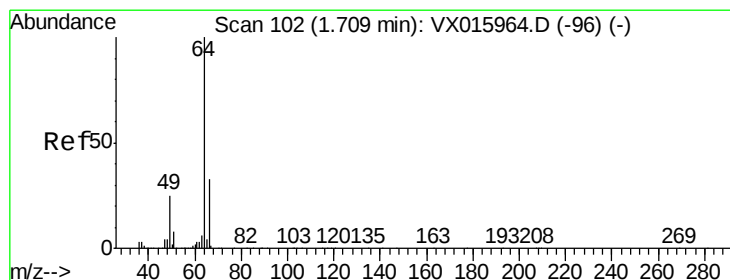
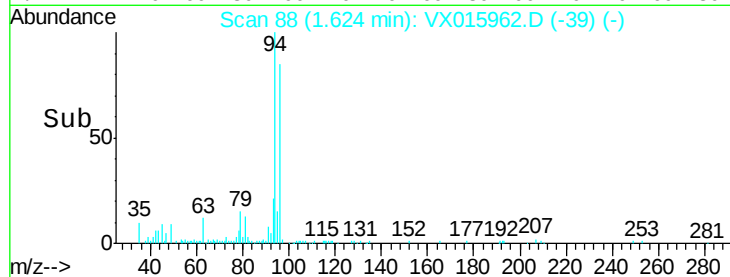
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 4.987 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX015962.D

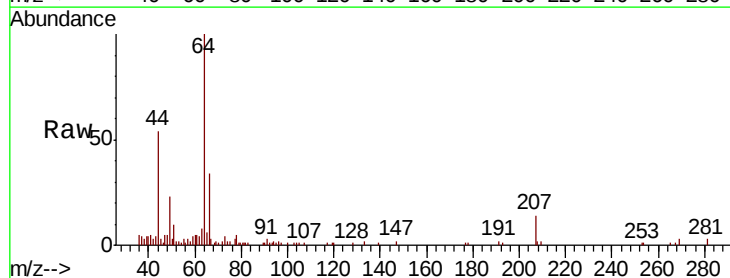
Acq: 28 Apr 2020 15:24

Tgt Ion: 64 Resp: 10859

Ion Ratio Lower Upper

64 100

66 32.9 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

8000

6000

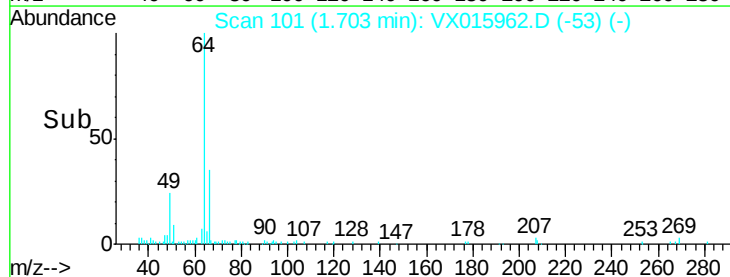
4000

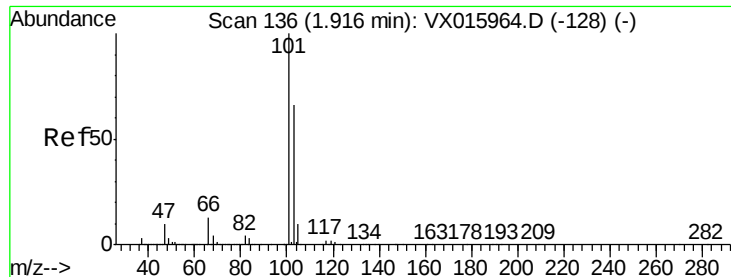
2000

0

Time-->

1.65 1.70 1.75 1.80



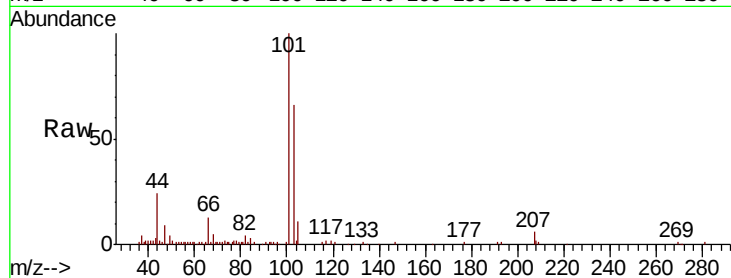


#7

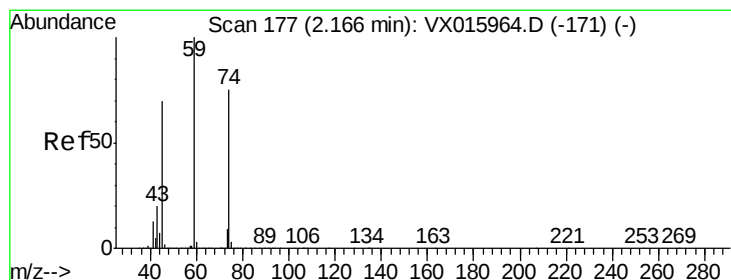
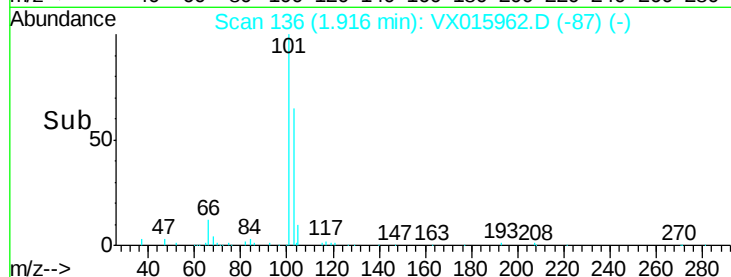
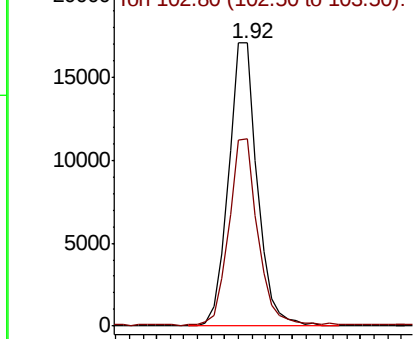
Trichlorofluoromethane
Concen: 5.055 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:101 Resp: 25015
Ion Ratio Lower Upper
101 100
103 65.4 52.4 78.6



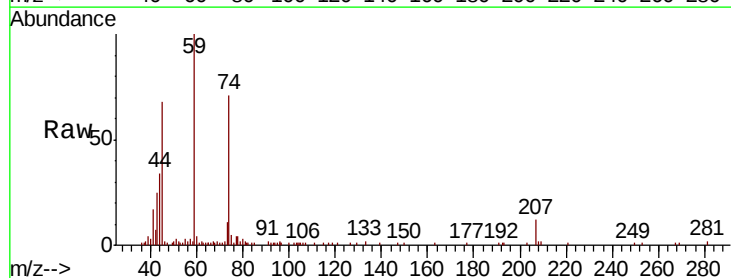
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



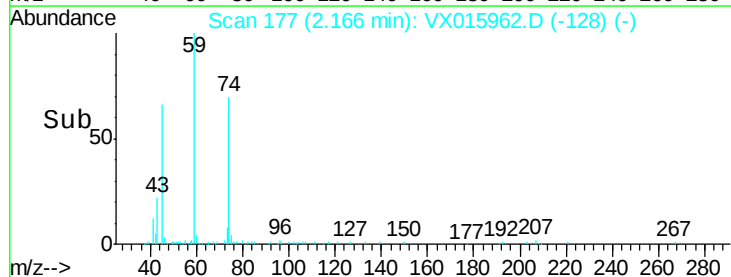
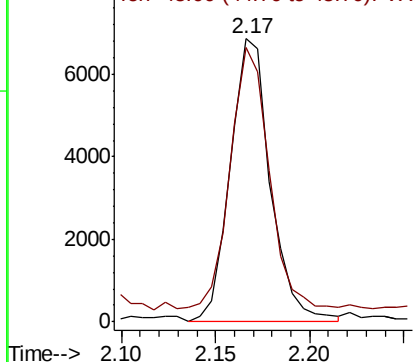
#8

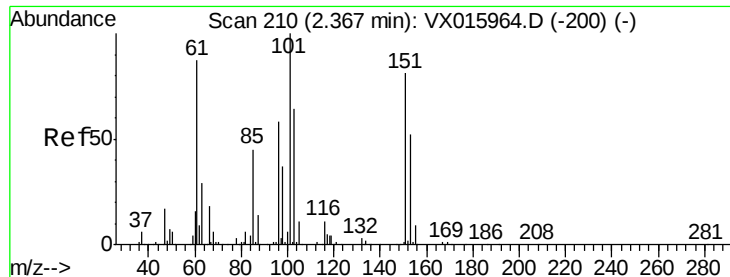
Diethyl Ether
Concen: 4.919 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion: 74 Resp: 10161
Ion Ratio Lower Upper
74 100
45 89.1 47.1 141.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.031 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

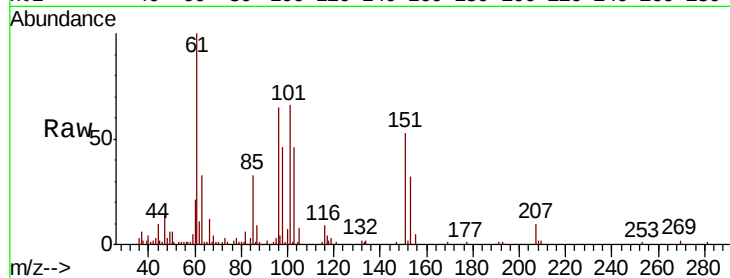
Tot Ion:101 Resp: 12410

Ion Ratio Lower Upper

101 100

85 47.2 36.3 54.5

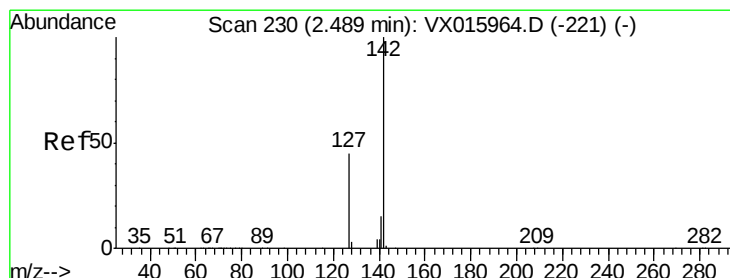
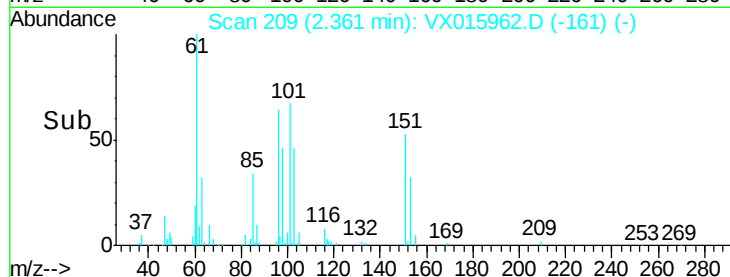
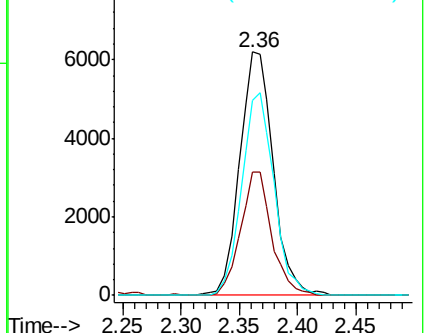
151 80.0 63.1 94.7



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: 4.455 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

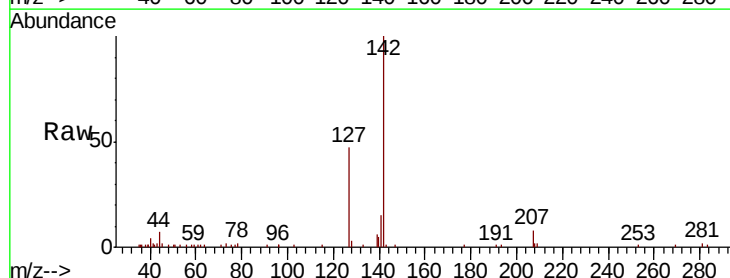
Tgt Ion:142 Resp: 15330

Ion Ratio Lower Upper

142 100

127 47.7 36.5 54.7

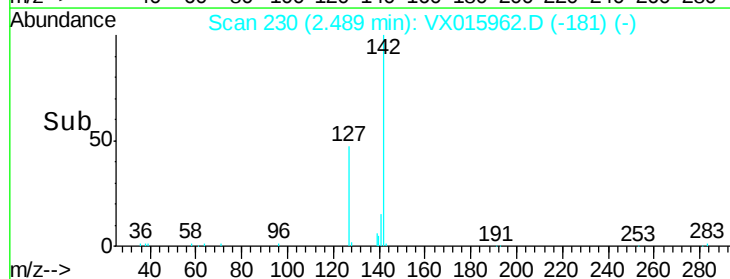
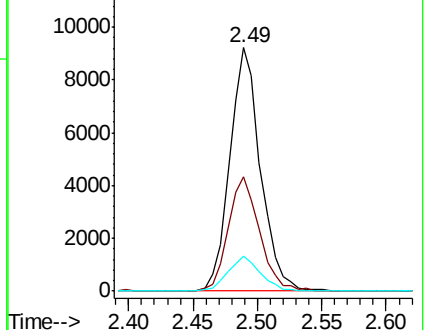
141 15.1 11.6 17.4

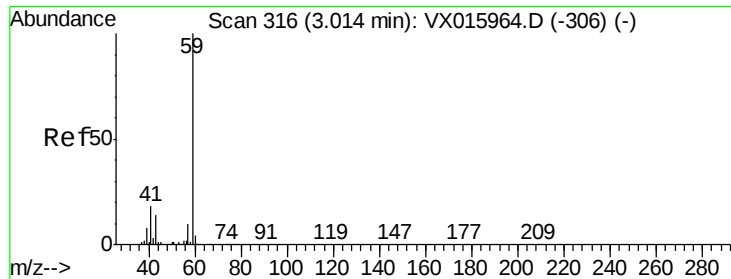


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



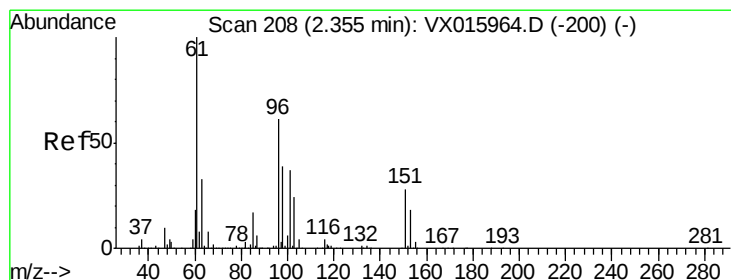
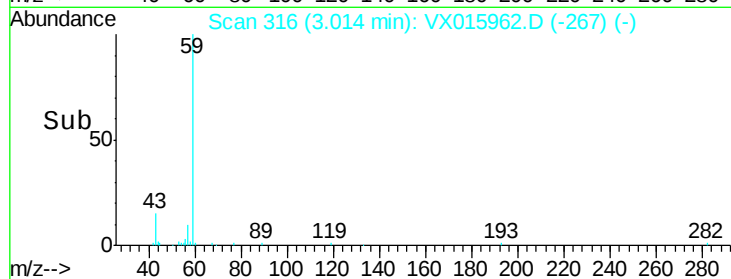
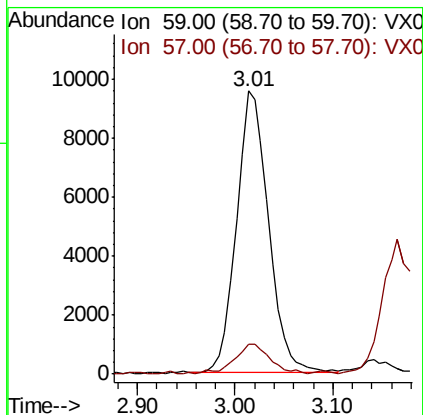
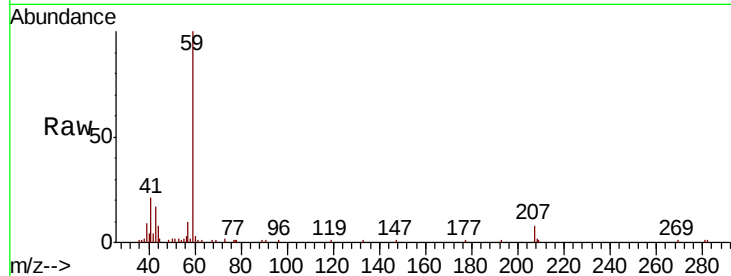


#11

Tert butyl alcohol
 Concen: 25.616 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

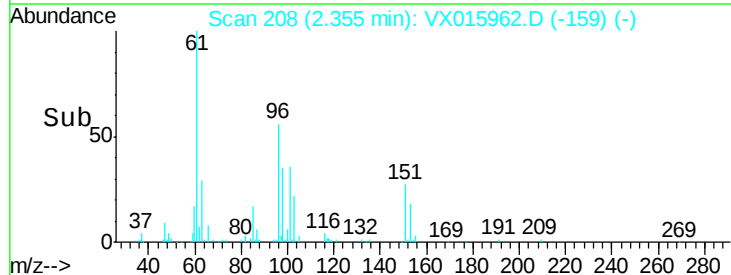
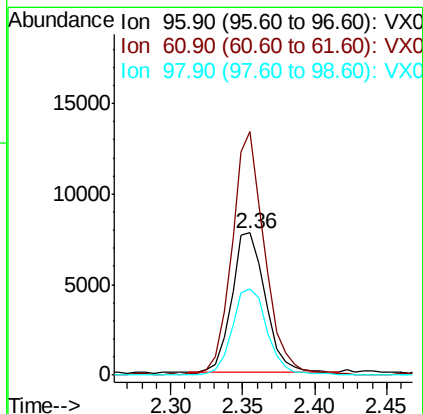
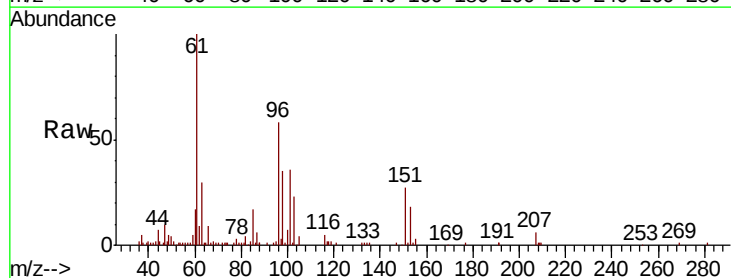
Tot Ion: 59 Resp: 21610
 Ion Ratio Lower Upper
 59 100
 57 12.1 8.3 12.5

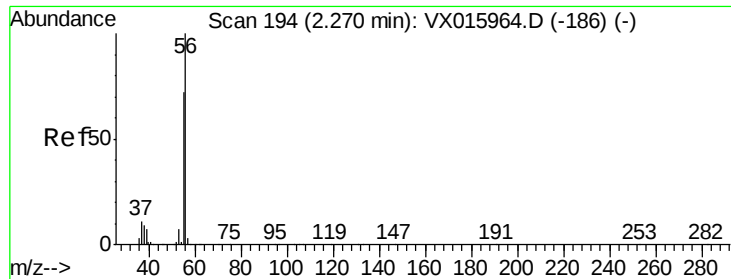


#12

1,1-Dichloroethene
 Concen: 4.964 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Tgt Ion: 96 Resp: 12624
 Ion Ratio Lower Upper
 96 100
 61 173.7 131.0 196.4
 98 61.6 50.7 76.1

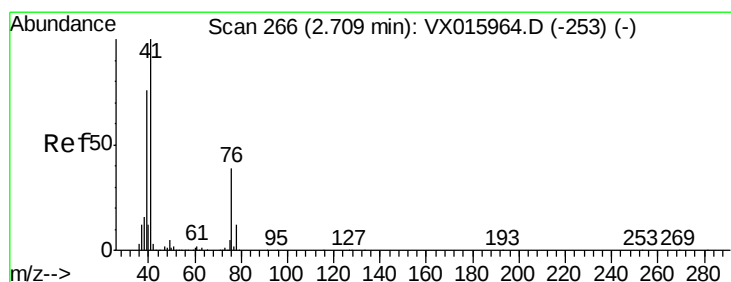
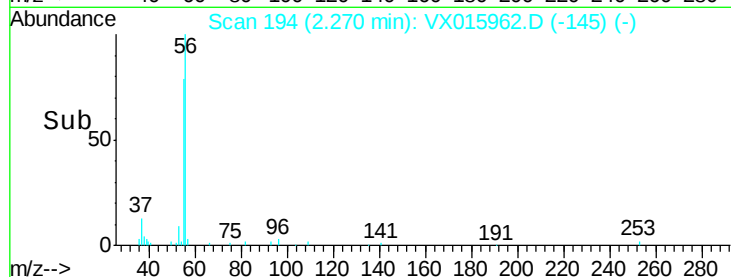
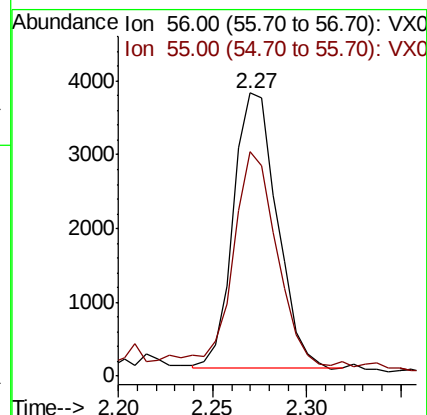
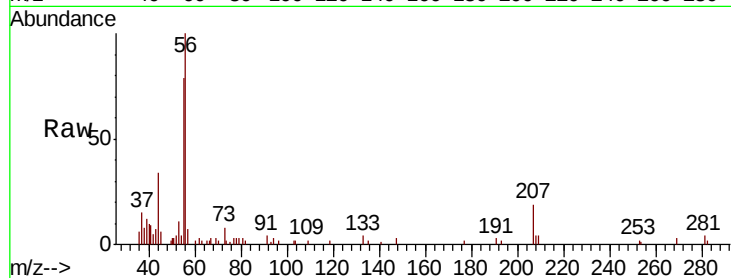




#13
Acrolein
Concen: 28.414 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

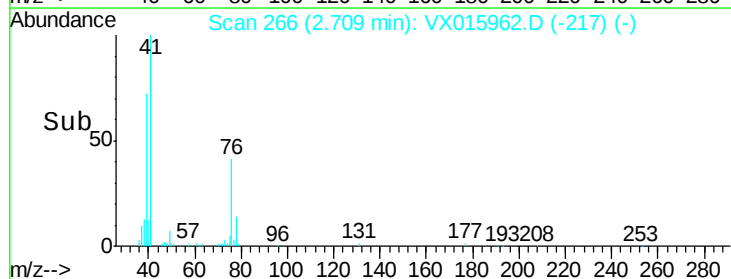
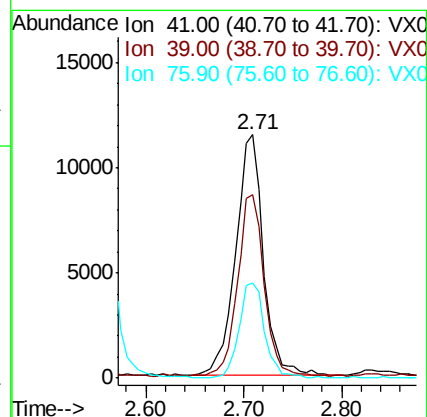
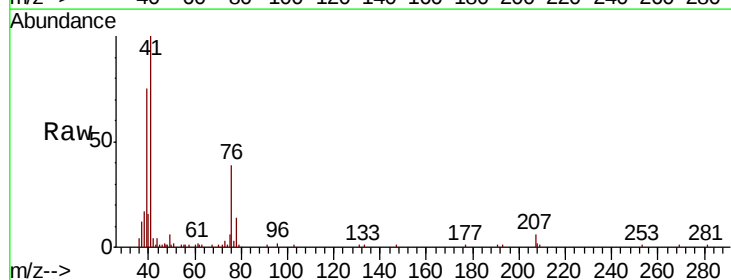
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

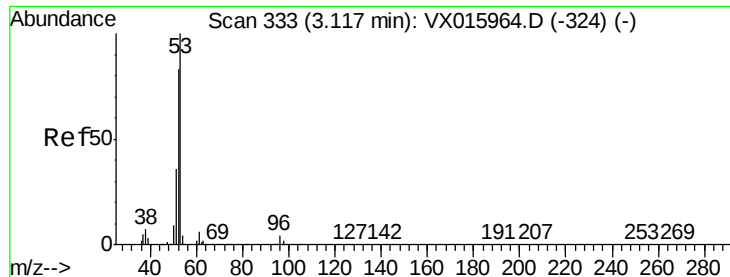
Tot Ion: 56 Resp: 6024
Ion Ratio Lower Upper
56 100
55 77.7 56.9 85.3



#14
Allyl chloride
Concen: 4.913 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion: 41 Resp: 22530
Ion Ratio Lower Upper
41 100
39 72.9 55.4 83.0
76 36.5 27.1 40.7





#15

Acrylonitrile

Concen: 24.977 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

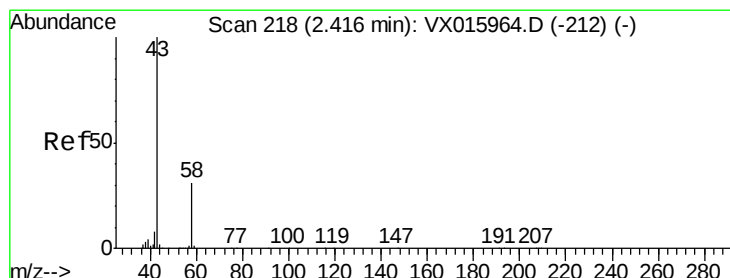
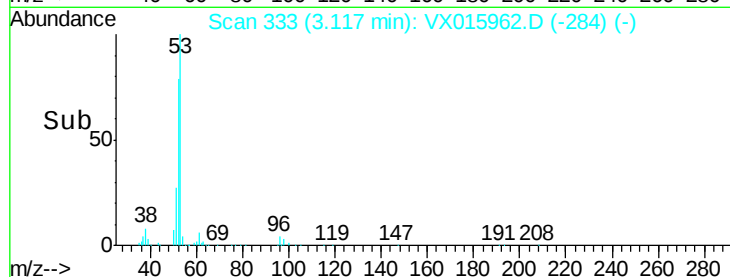
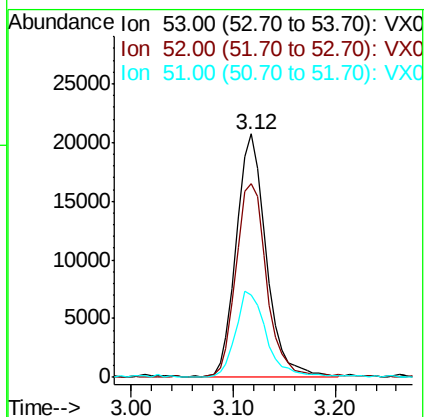
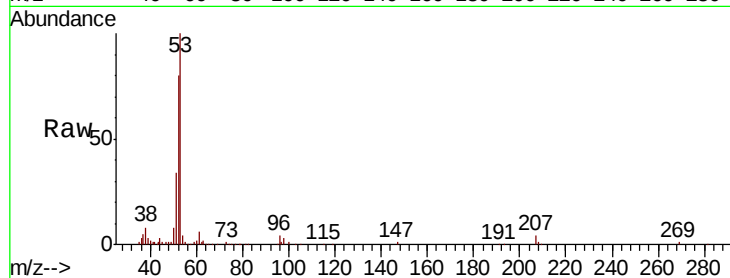
Tot Ion: 53 Resp: 41779

Ion Ratio Lower Upper

53 100

52 82.9 65.5 98.3

51 36.6 28.7 43.1



#16

Acetone

Concen: 25.493 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX015962.D

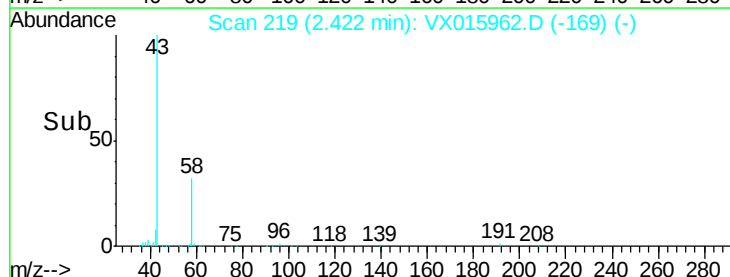
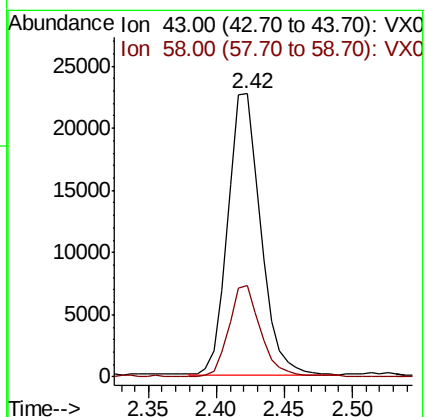
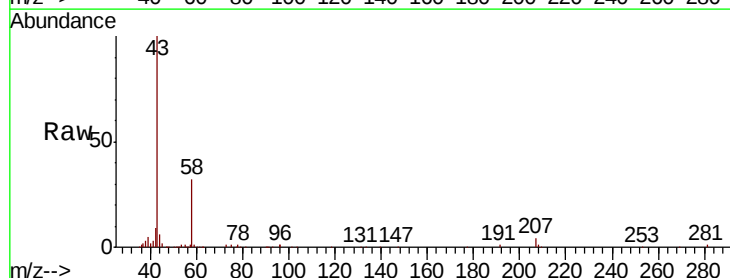
Acq: 28 Apr 2020 15:24

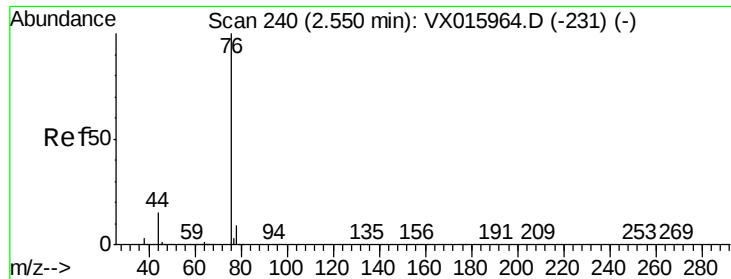
Tgt Ion: 43 Resp: 37885

Ion Ratio Lower Upper

43 100

58 32.5 25.1 37.7

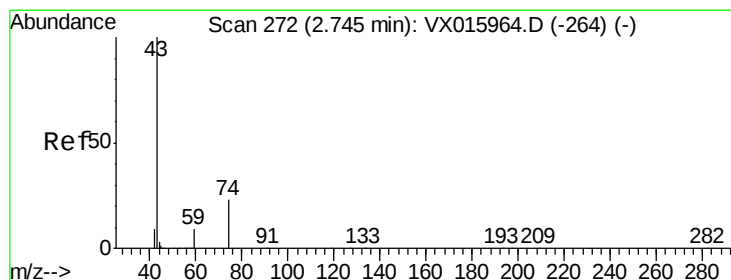
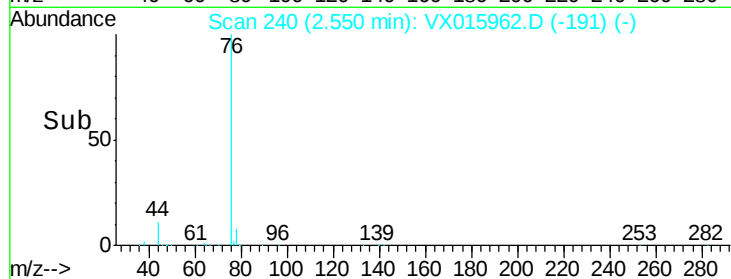
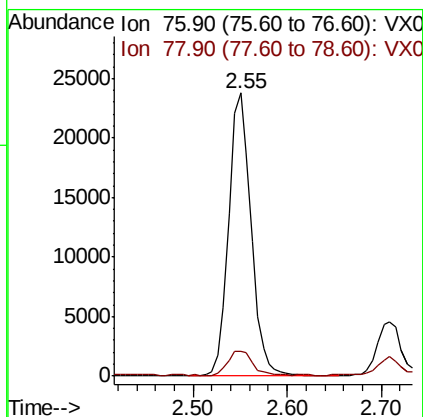
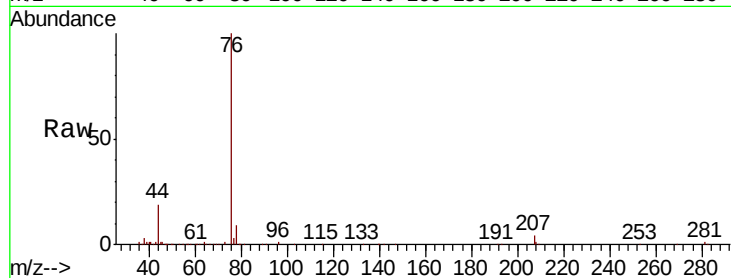




#17
Carbon Disulfide
Concen: 4.845 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

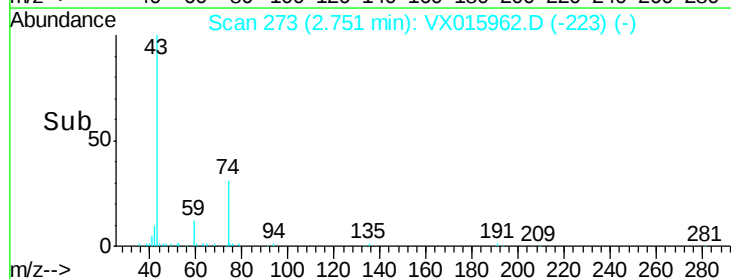
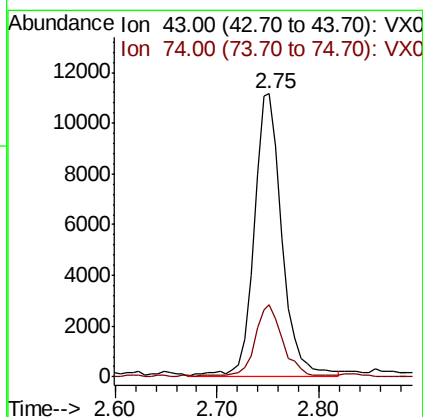
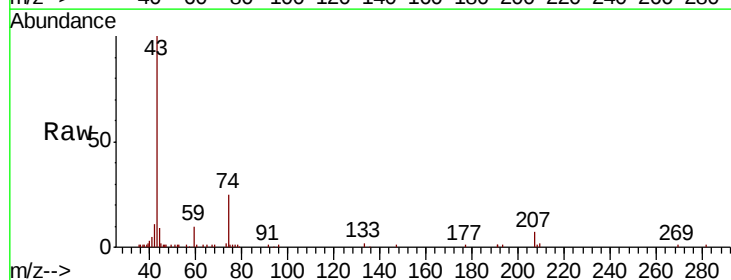
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

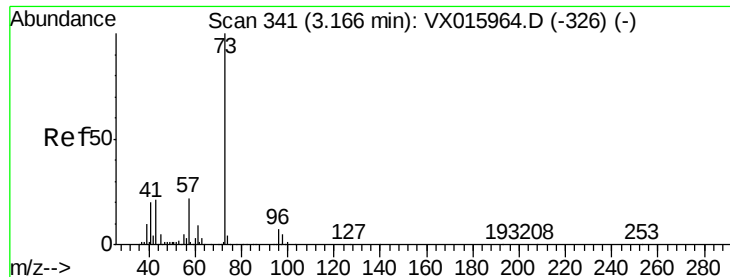
Tot Ion: 76 Resp: 39467
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 5.086 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion: 43 Resp: 21449
Ion Ratio Lower Upper
43 100
74 25.2 19.6 29.4



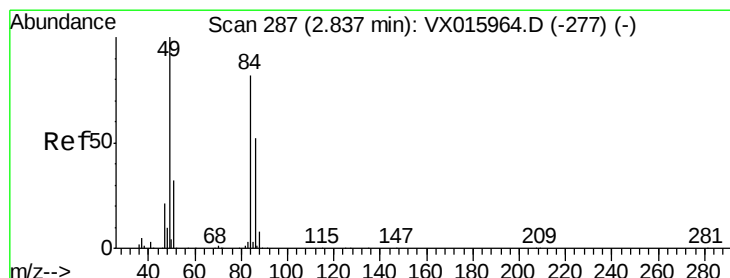
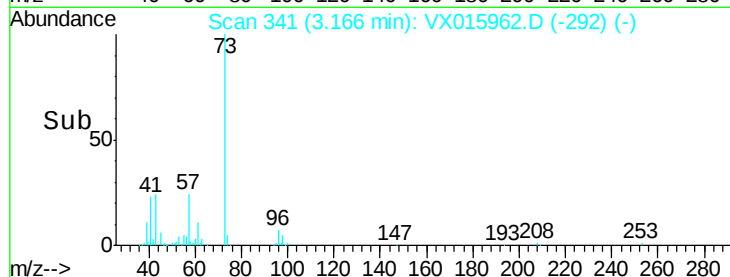
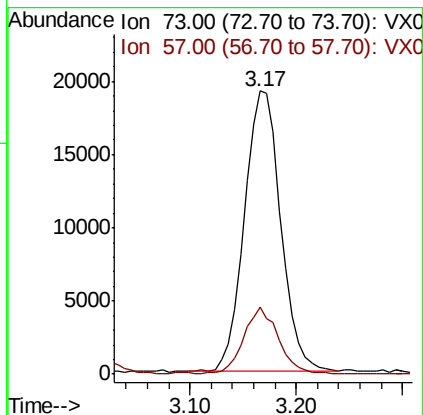
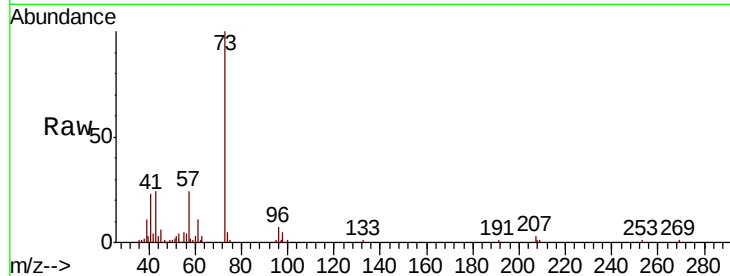


#19

Methyl tert-butyl Ether
 Concen: 4.997 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

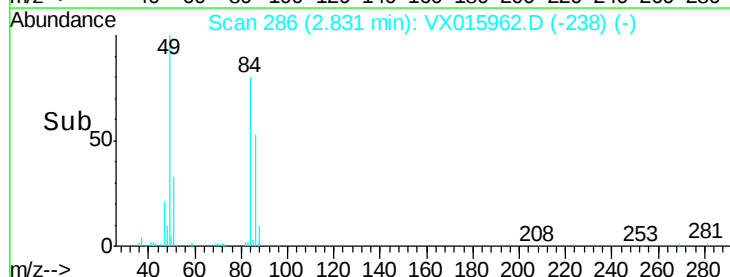
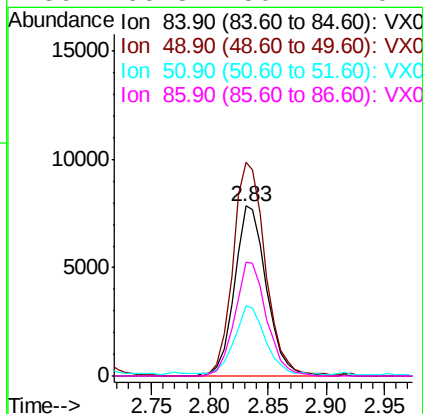
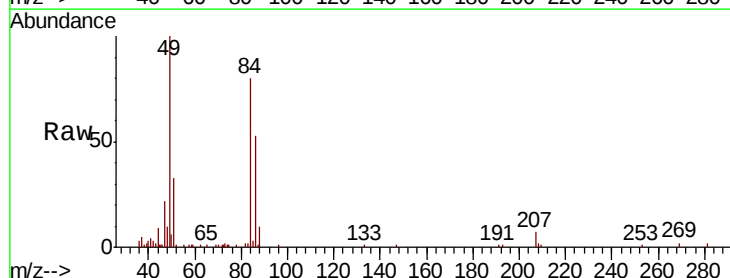
Tot Ion: 73 Resp: 45962
 Ion Ratio Lower Upper
 73 100
 57 23.6 17.5 26.3

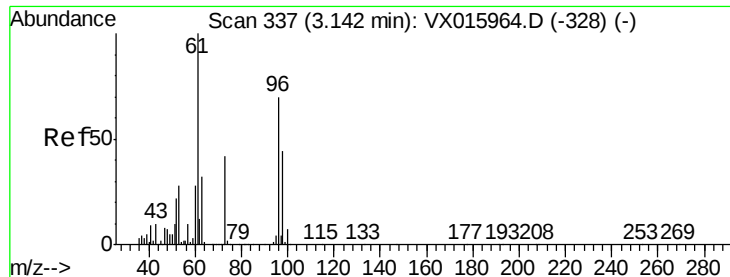


#20

Methylene Chloride
 Concen: 5.109 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Tgt Ion: 84 Resp: 15029
 Ion Ratio Lower Upper
 84 100
 49 125.7 97.9 146.9
 51 40.5 31.2 46.8
 86 66.8 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 4.927 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

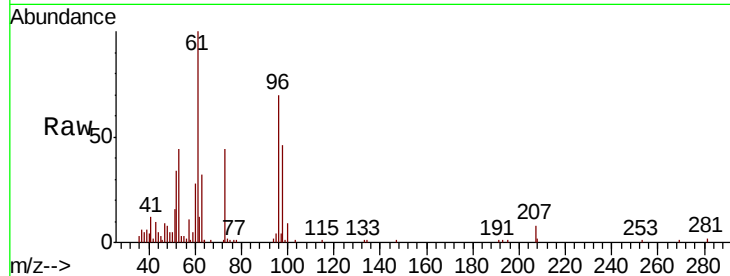
Tot Ion: 96 Resp: 14121

Ion Ratio Lower Upper

96 100

61 143.7 113.6 170.4

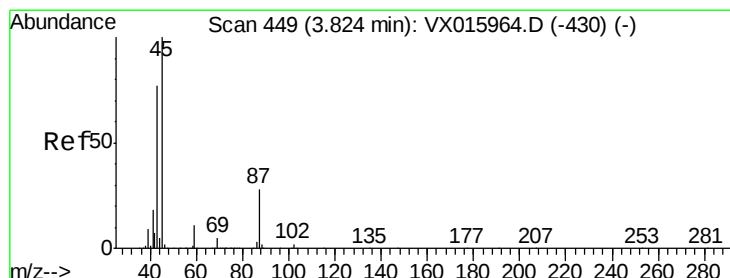
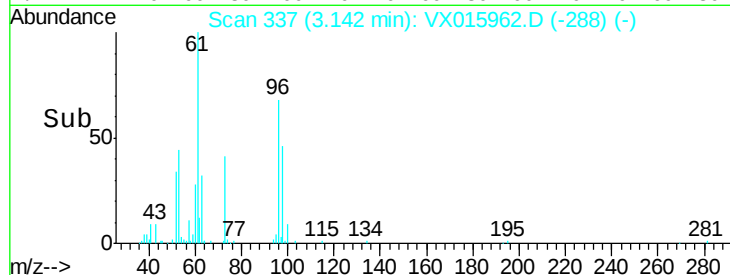
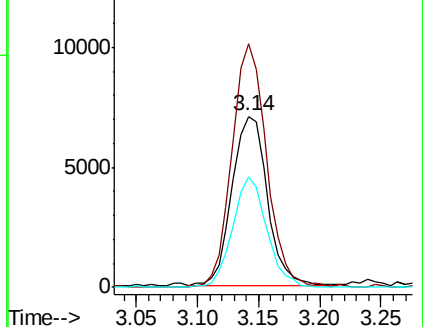
98 65.6 50.3 75.5



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: 5.035 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Tgt Ion: 45 Resp: 45398

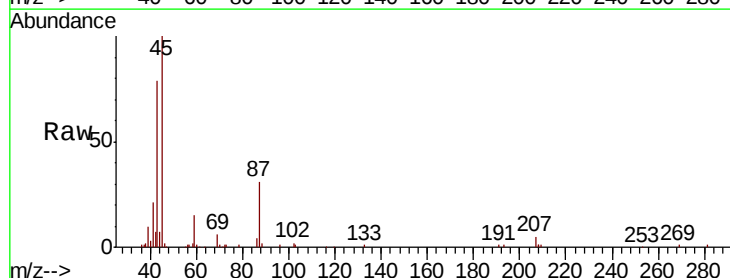
Ion Ratio Lower Upper

45 100

43 78.2 61.3 91.9

87 30.7 22.6 33.8

59 14.7 9.0 13.6#

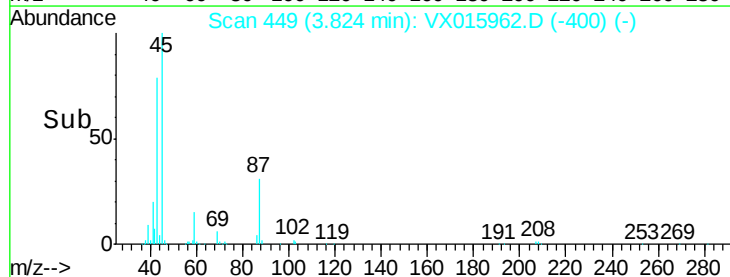
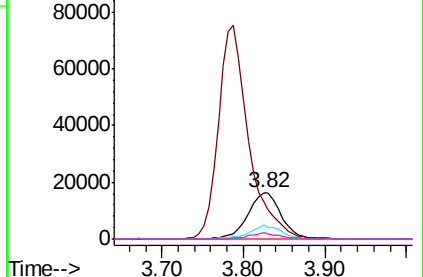


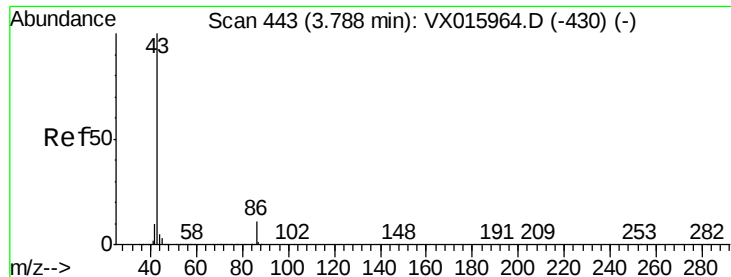
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 24.808 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

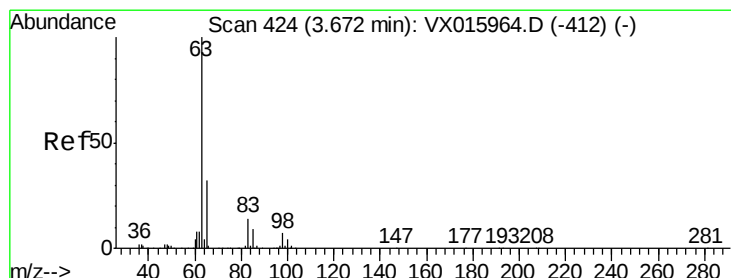
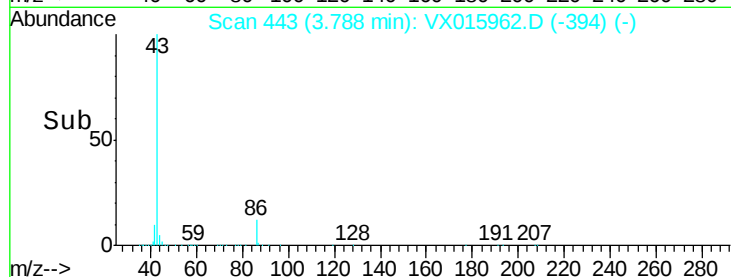
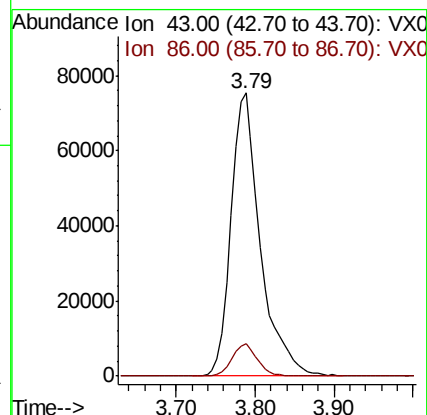
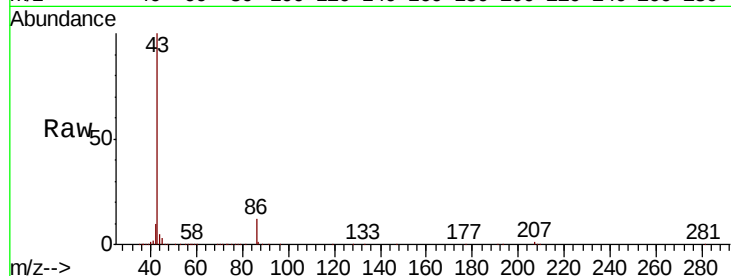
VSTDIC005

Tot Ion: 43 Resp: 194285

Ion Ratio Lower Upper

43 100

86 11.6 8.9 13.3



#24

1,1-Dichloroethane

Concen: 5.075 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

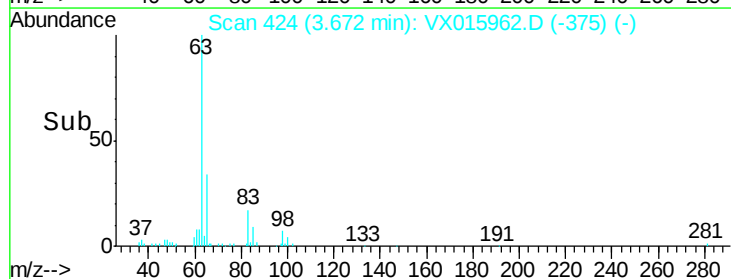
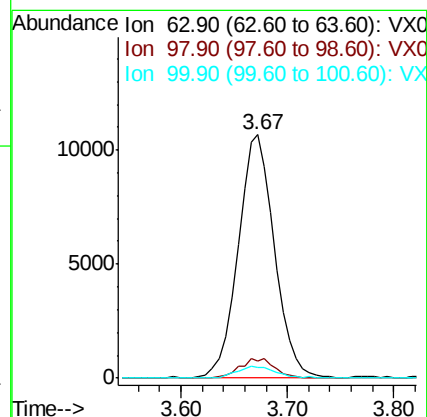
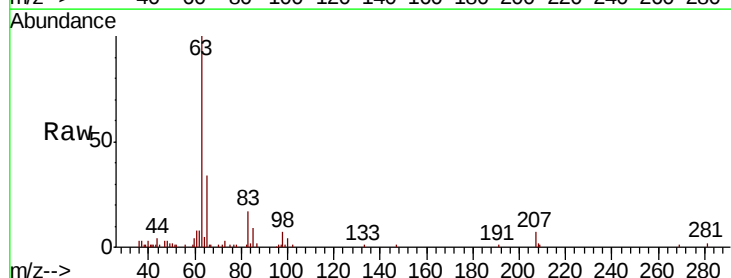
Tgt Ion: 63 Resp: 25489

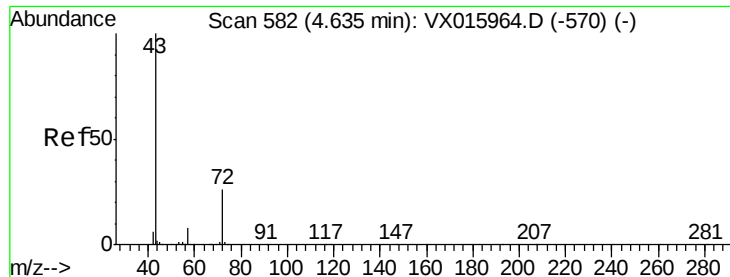
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 25.014 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

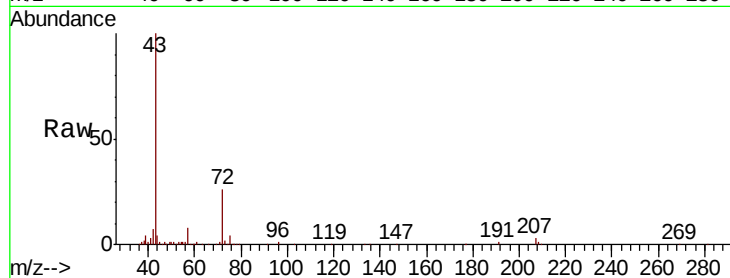
VSTDIC005

Tot Ion: 43 Resp: 60238

Ion Ratio Lower Upper

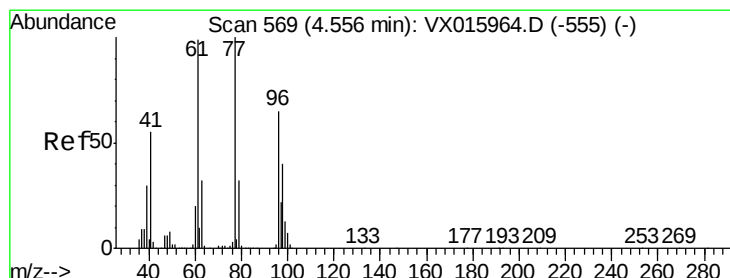
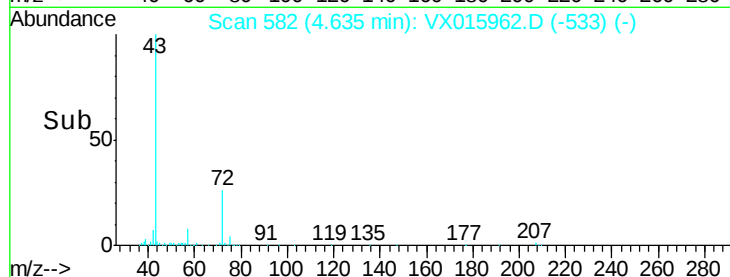
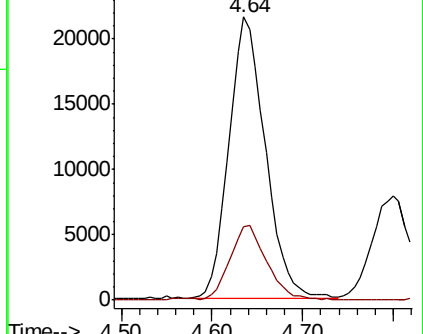
43 100

72 25.7 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 5.154 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX015962.D

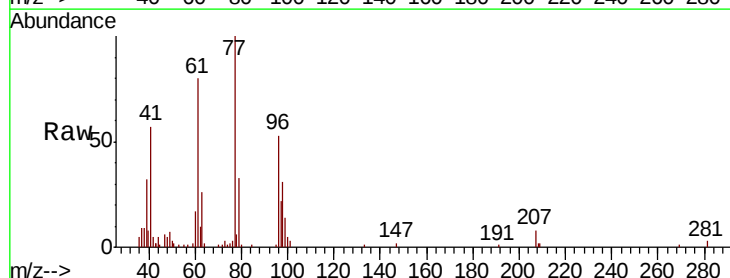
Acq: 28 Apr 2020 15:24

Tgt Ion: 77 Resp: 23668

Ion Ratio Lower Upper

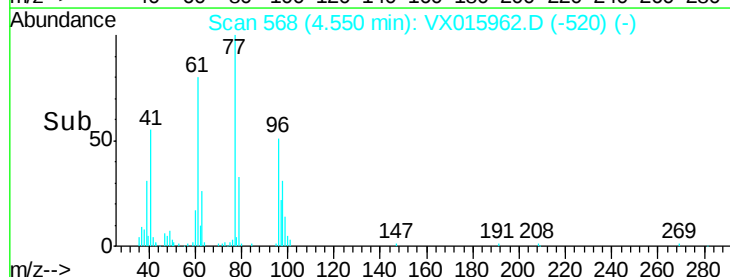
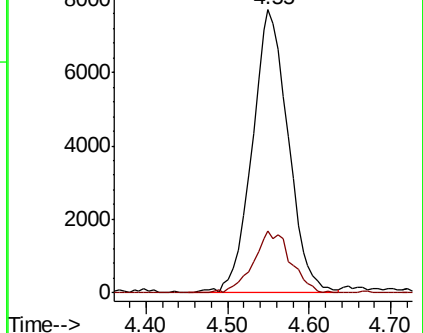
77 100

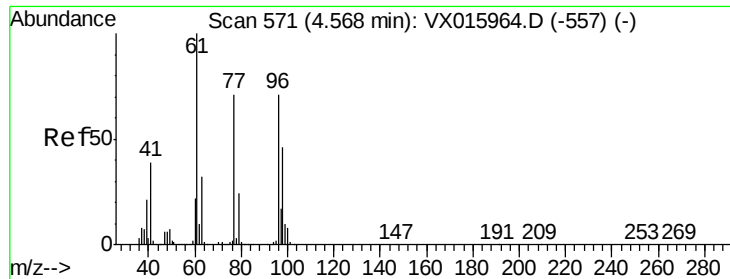
97 22.6 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



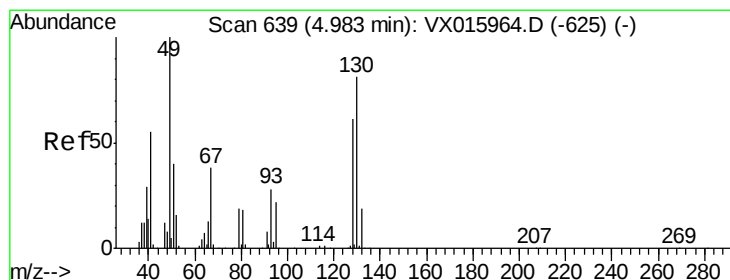
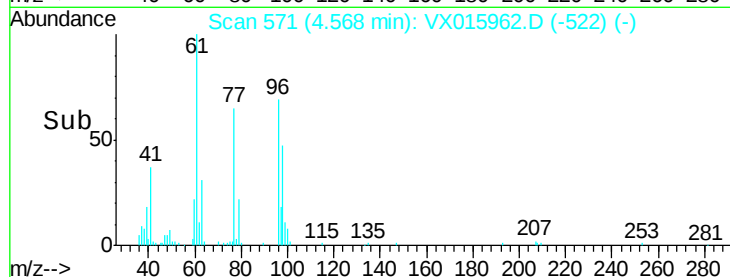
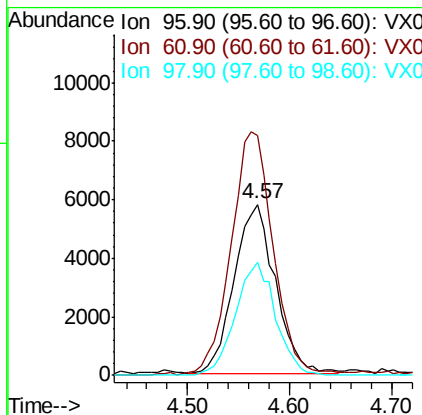
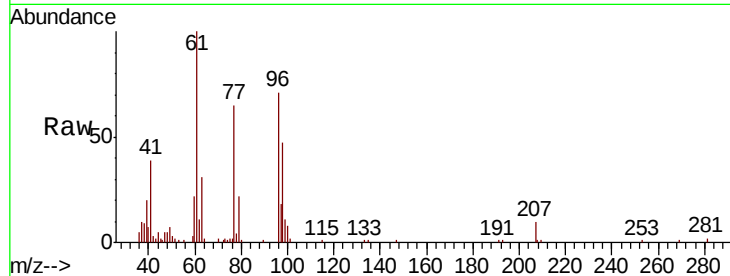


#27

cis-1,2-Dichloroethene
Concen: 5.031 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

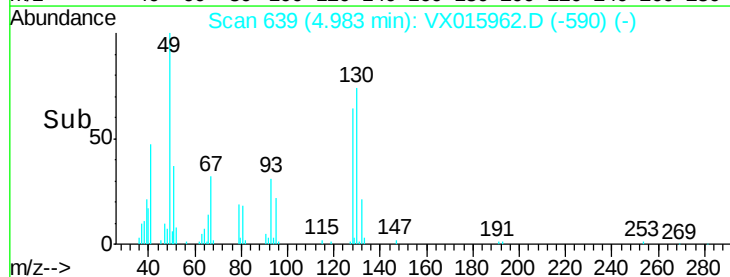
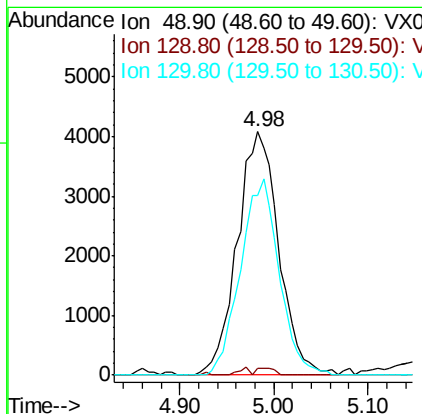
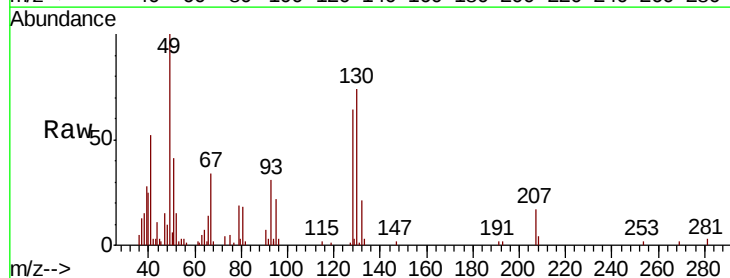
Tot Ion	96	Resp	16363
Ion	Ratio	Lower	Upper
96	100		
61	146.6	0.0	294.2
98	64.2	0.0	127.4

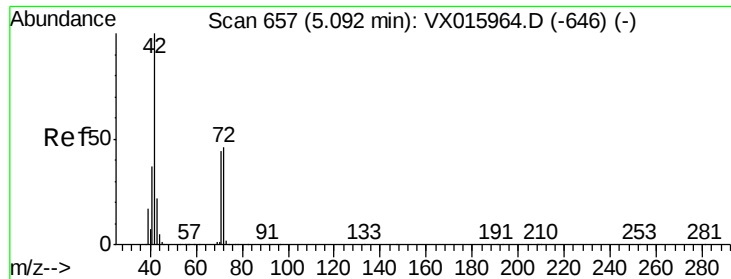


#28

Bromochloromethane
Concen: 5.179 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion	49	Resp	12586
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.6
130	75.4	63.9	95.9

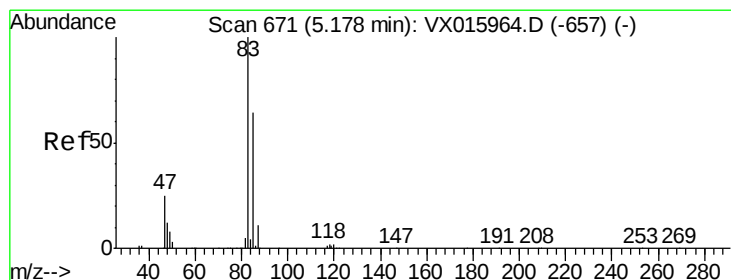
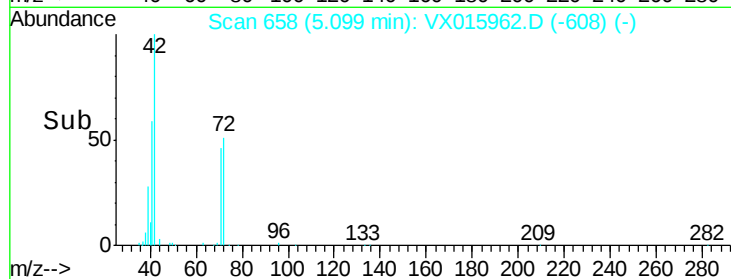
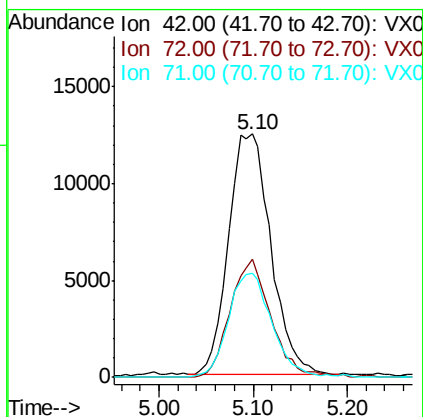
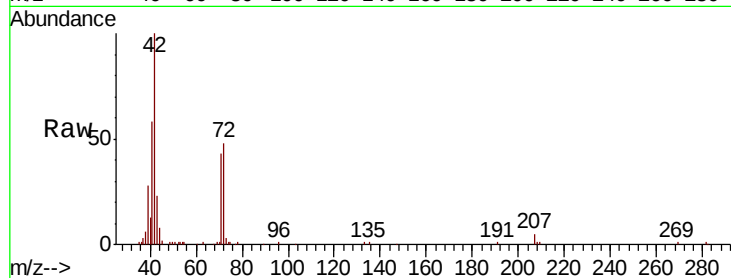




#29
Tetrahydrofuran
Concen: 24.708 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

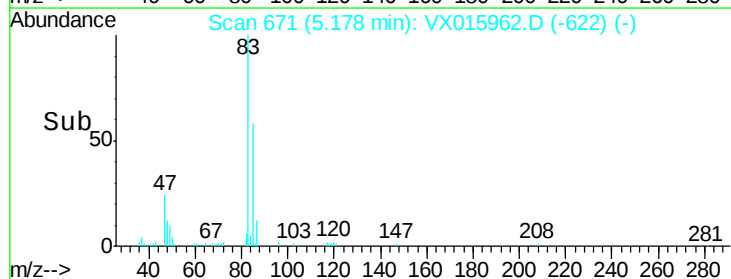
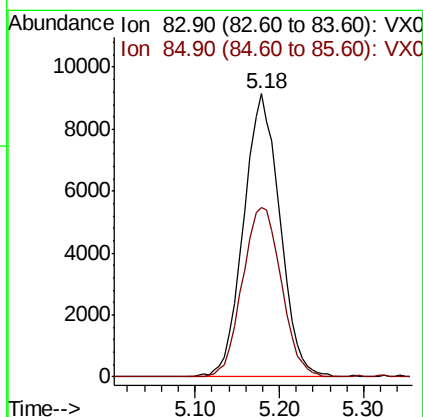
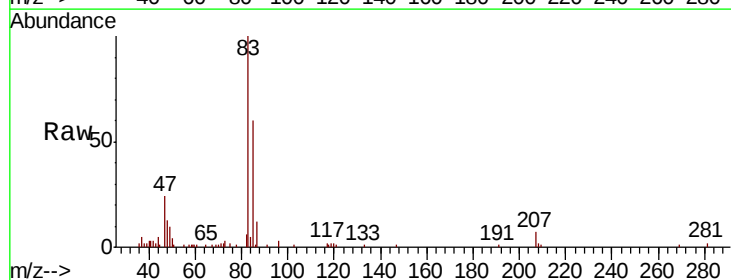
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

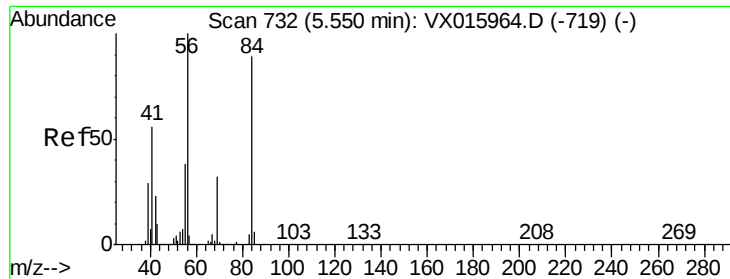
Tot Ion	Ratio	Lower	Upper
42	100		
72	47.2	37.4	56.0
71	44.0	34.6	52.0



#30
Chloroform
Concen: 5.116 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.0	51.0	76.4

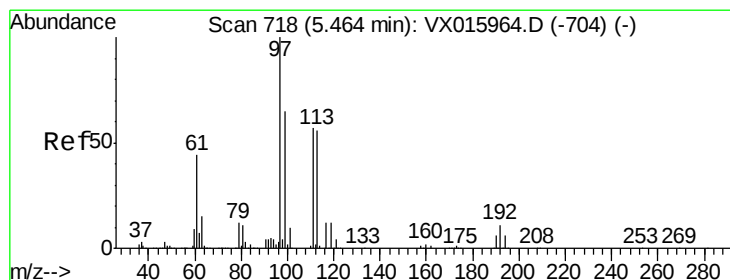
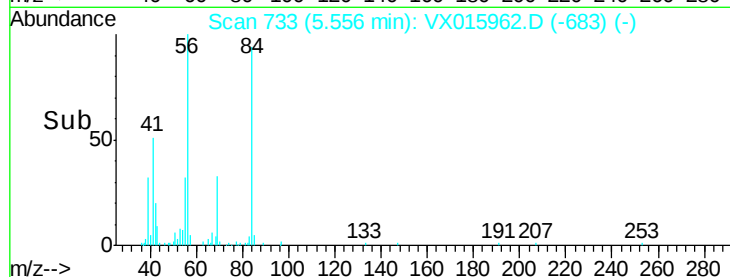
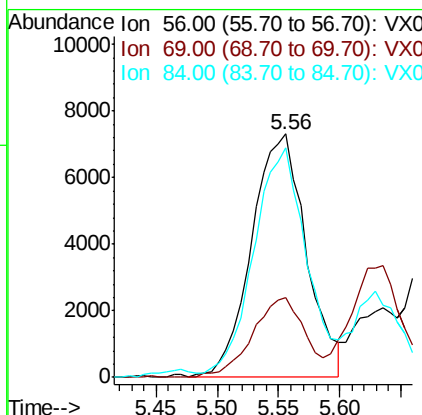
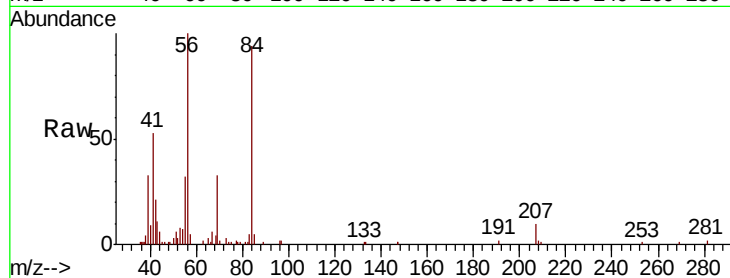




#31
Cyclohexane
Concen: 5.082 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

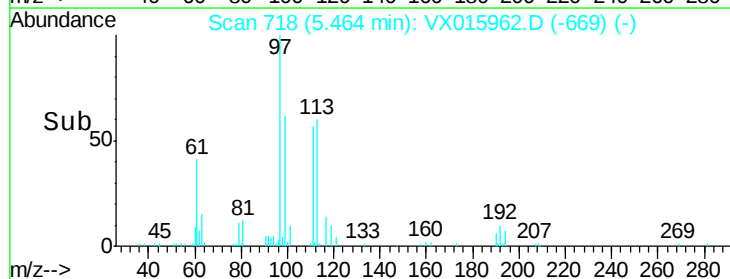
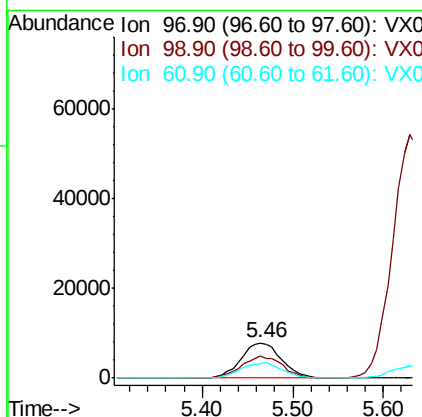
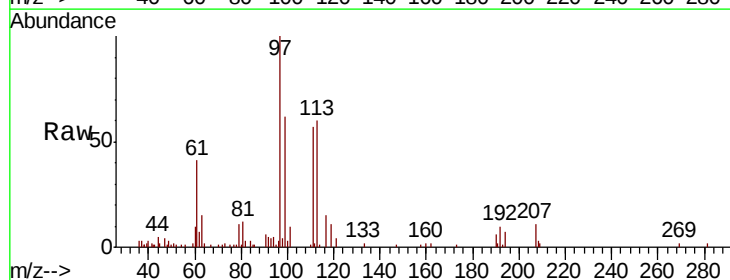
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

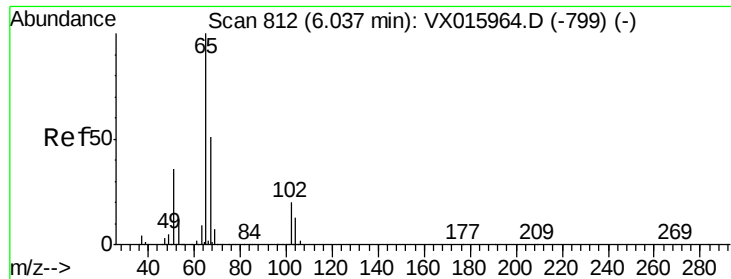
Tot Ion: 56 Resp: 22723
Ion Ratio Lower Upper
56 100
69 32.7 25.4 38.2
84 91.9 71.0 106.6



#32
1,1,1-Trichloroethane
Concen: 5.065 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion: 97 Resp: 24356
Ion Ratio Lower Upper
97 100
99 62.5 51.4 77.0
61 44.8 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 5.271 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

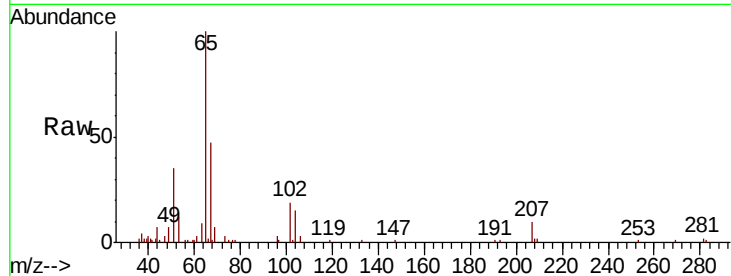
VSTDIC005

Tot Ion: 65 Resp: 18320

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

8000

6000

4000

2000

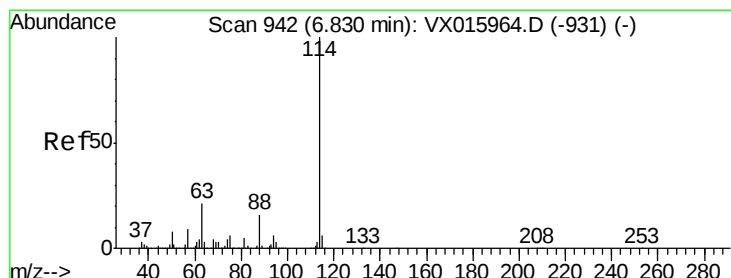
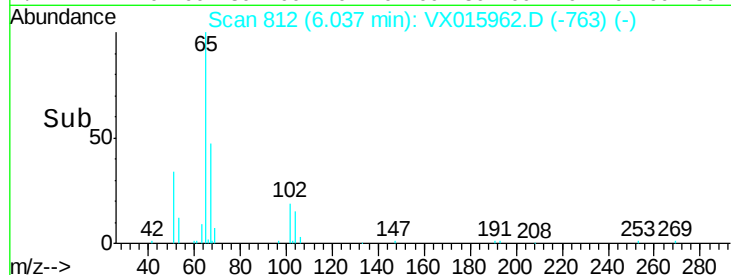
0

Time-->

5.90

6.00

6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

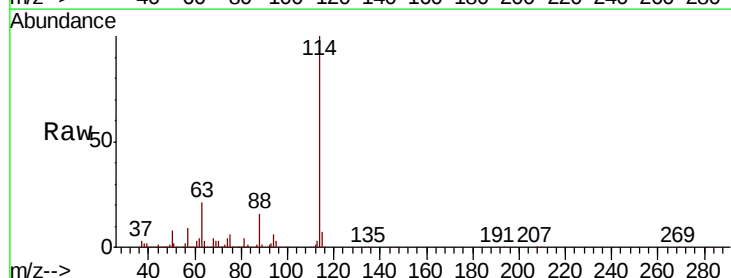
Tgt Ion: 114 Resp: 422772

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.2

88 16.4 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

100000

50000

0

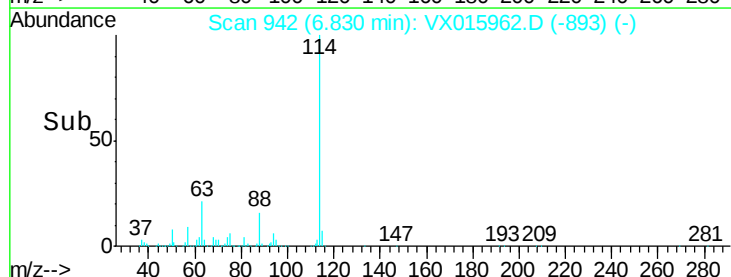
Time-->

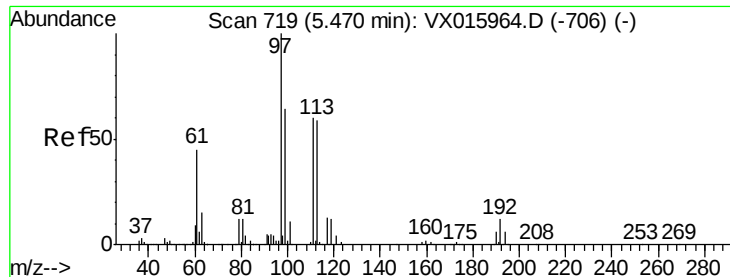
6.70

6.80

6.90

7.00





#35

Dibromofluoromethane

Concen: 5.119 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

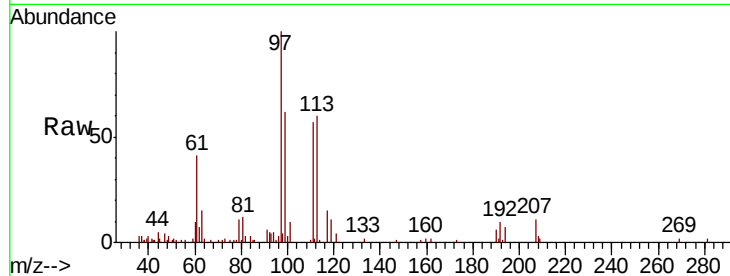
Tot Ion:113 Resp: 13500

Ion Ratio Lower Upper

113 100

111 100.9 81.8 122.8

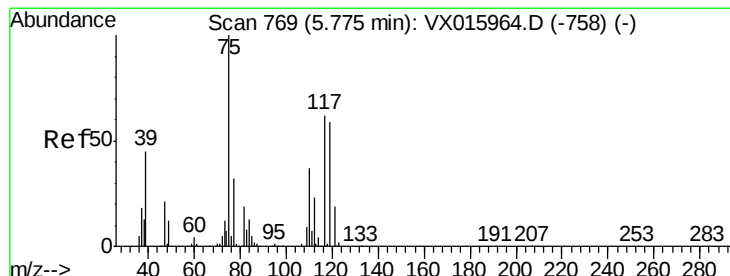
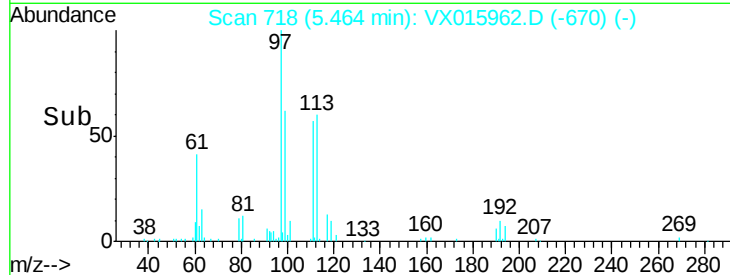
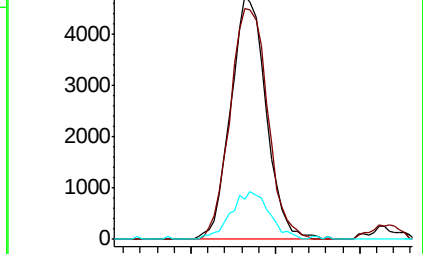
192 21.4 16.8 25.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.013 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

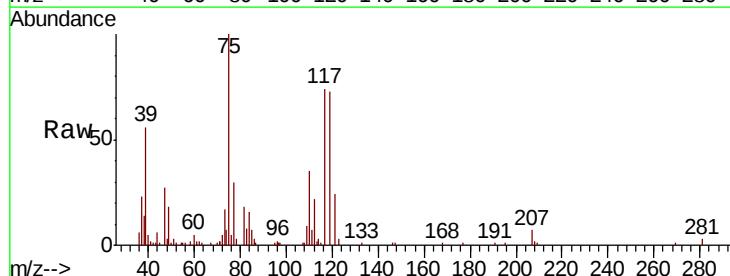
Tgt Ion: 75 Resp: 20187

Ion Ratio Lower Upper

75 100

110 35.1 17.9 53.7

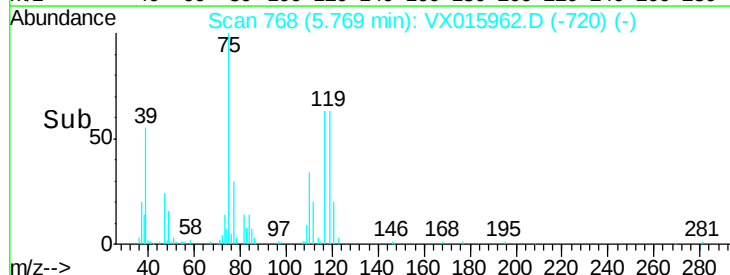
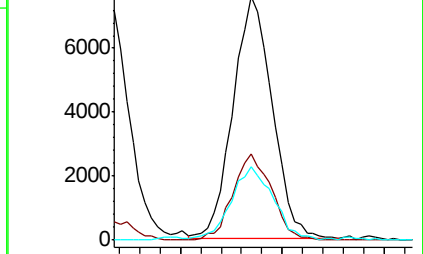
77 32.4 25.2 37.8

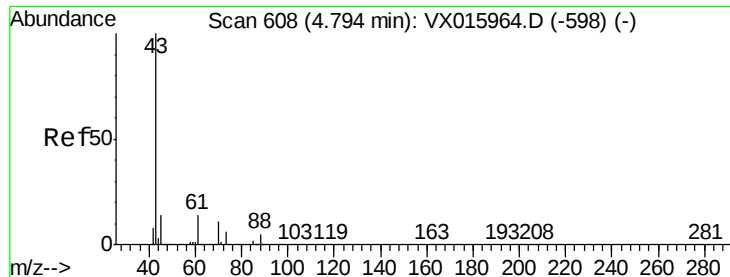


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

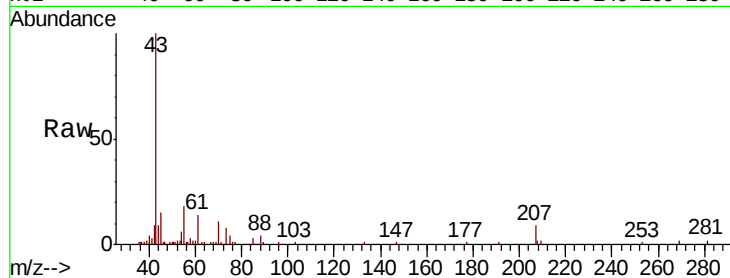




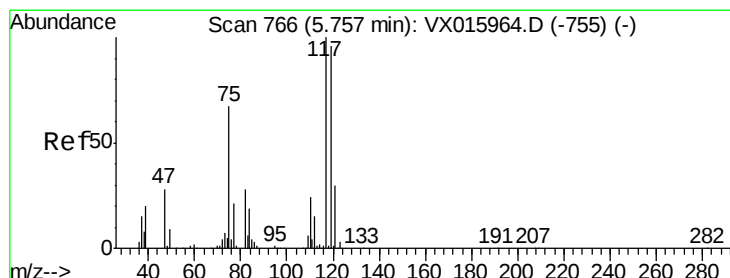
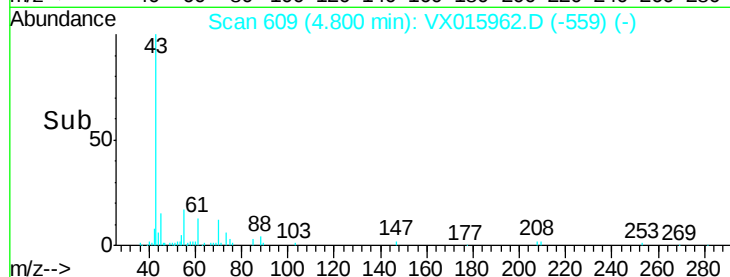
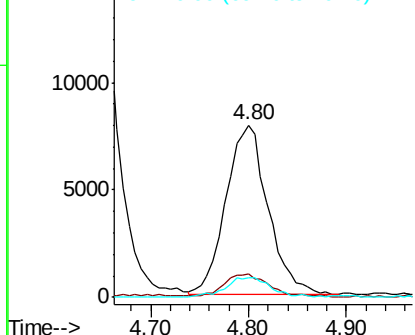
#37
Ethyl Acetate
Concen: 5.087 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion: 43 Resp: 23489
Ion Ratio Lower Upper
43 100
61 15.3 11.6 17.4
70 12.2 8.9 13.3

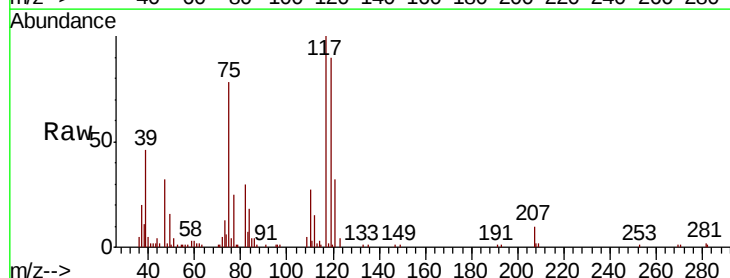


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

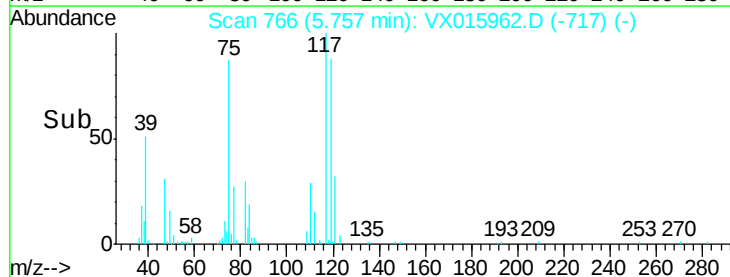
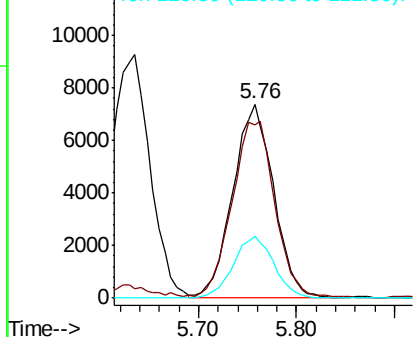


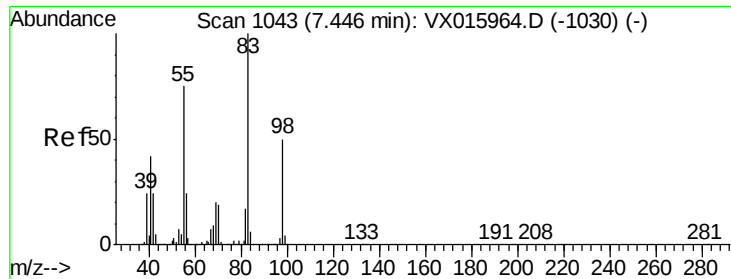
#38
Carbon Tetrachloride
Concen: 5.021 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion: 117 Resp: 21354
Ion Ratio Lower Upper
117 100
119 88.8 76.2 114.4
121 32.0 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

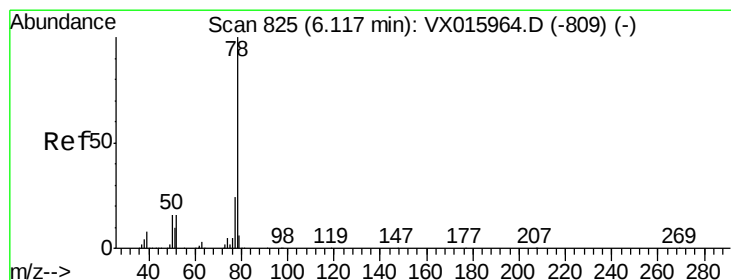
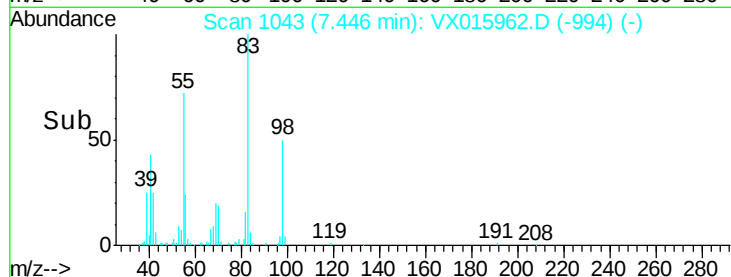
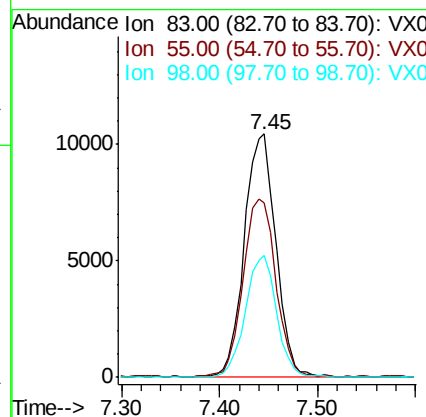
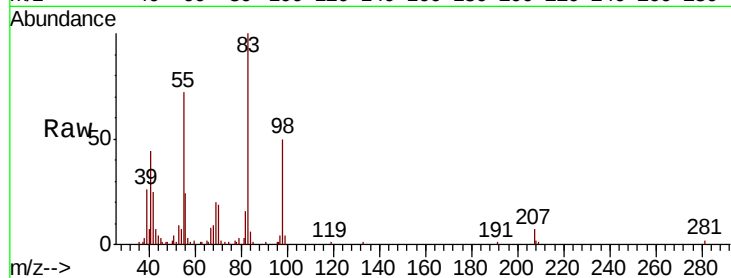




#39
Methvlcvclohexane
Concen: 5.039 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

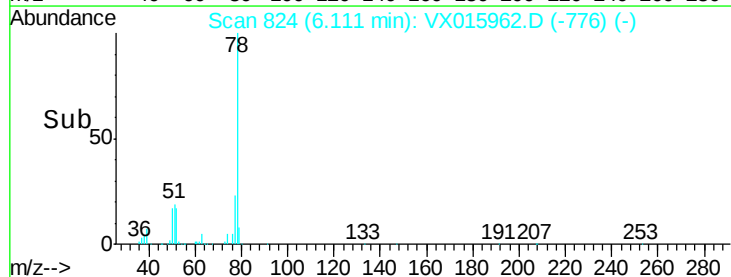
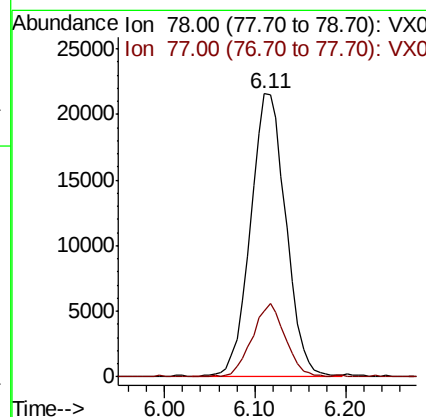
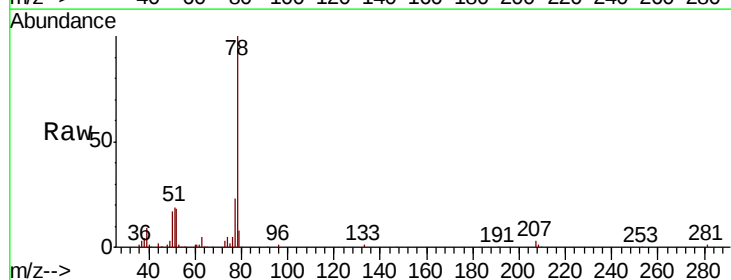
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

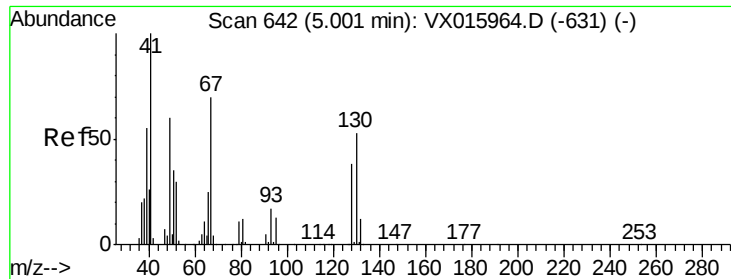
Tot Ion: 83 Resp: 23470
Ion Ratio Lower Upper
83 100
55 71.6 59.9 89.9
98 50.1 39.9 59.9



#40
Benzene
Concen: 5.079 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion: 78 Resp: 58355
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2

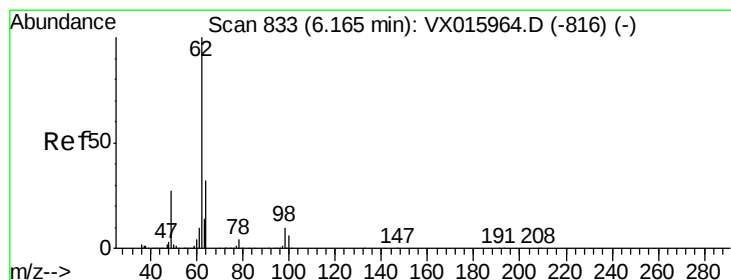
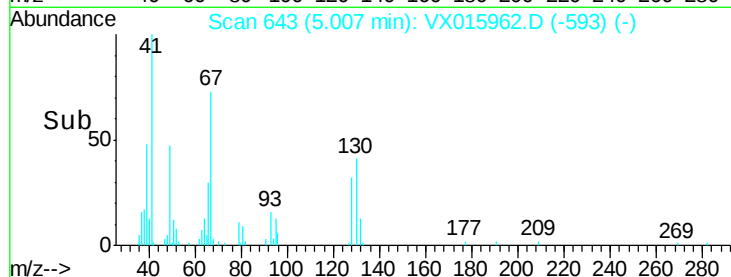
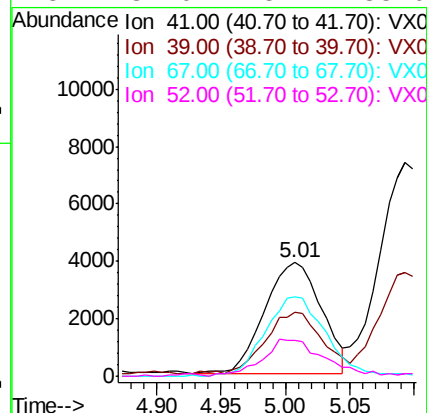
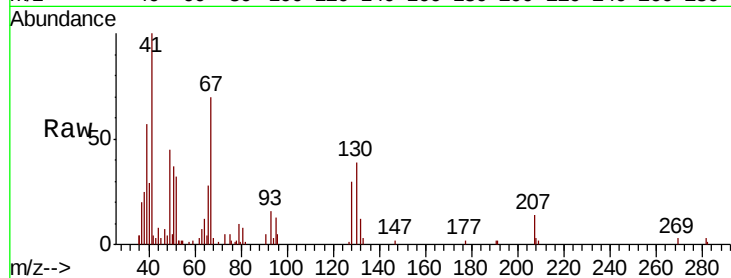




#41
Methacrylonitrile
Concen: 4.748 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

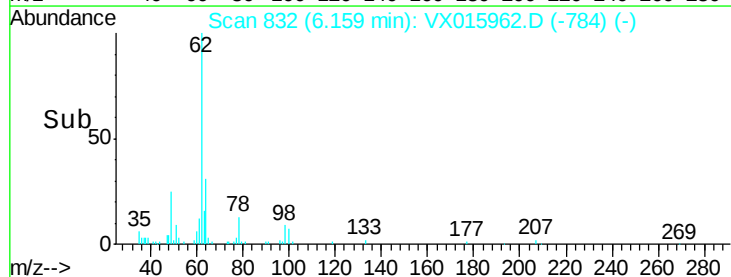
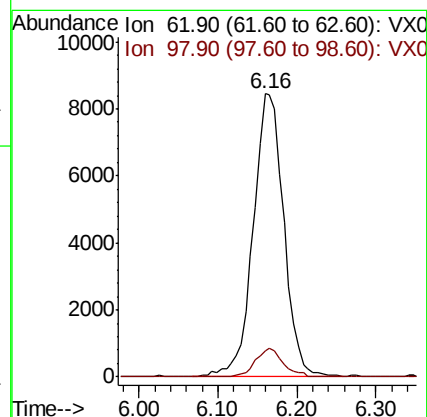
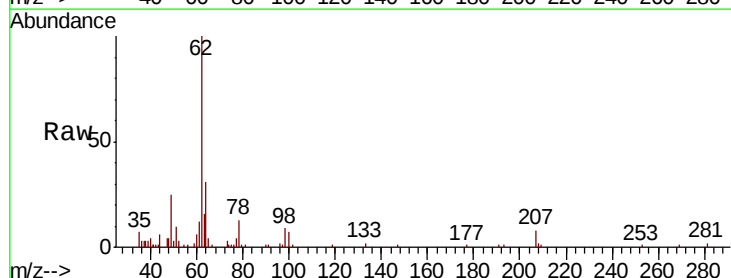
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

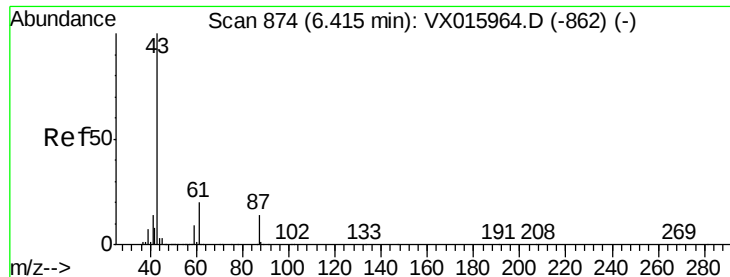
Tot Ion: 41 Resp: 11734
Ion Ratio Lower Upper
41 100
39 55.2 45.2 67.8
67 77.4 59.4 89.2
52 37.0 25.4 38.0



#42
1,2-Dichloroethane
Concen: 5.118 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion: 62 Resp: 22783
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.4



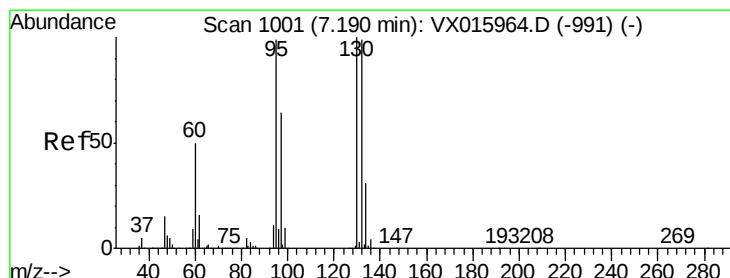
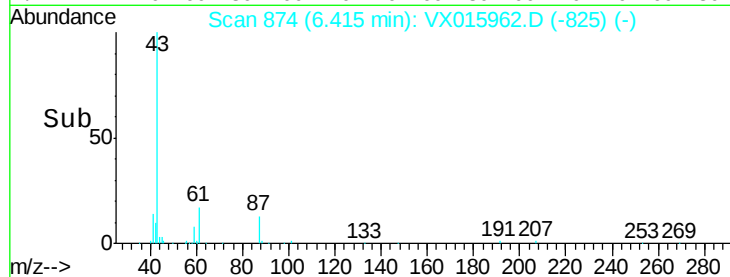
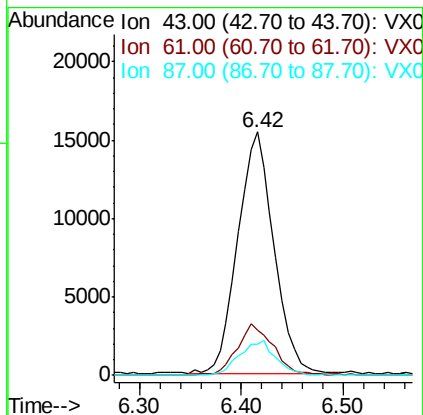
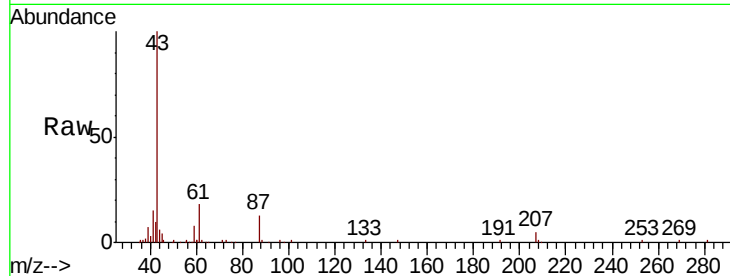


#43

Isopropyl Acetate
 Concen: 4.966 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

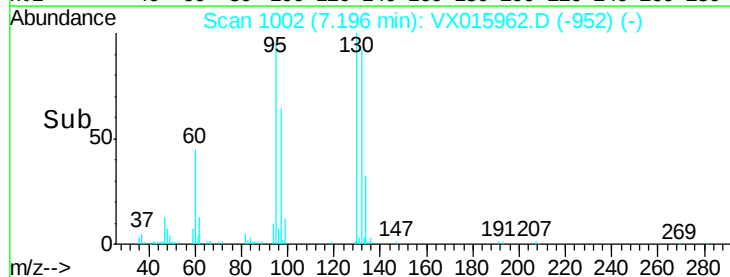
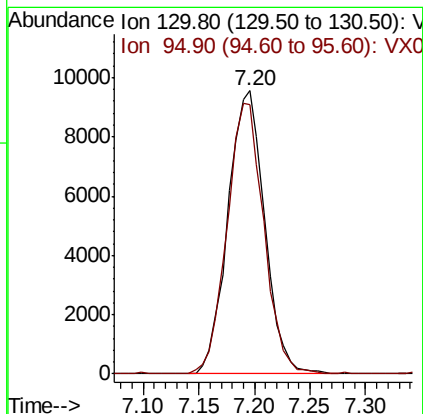
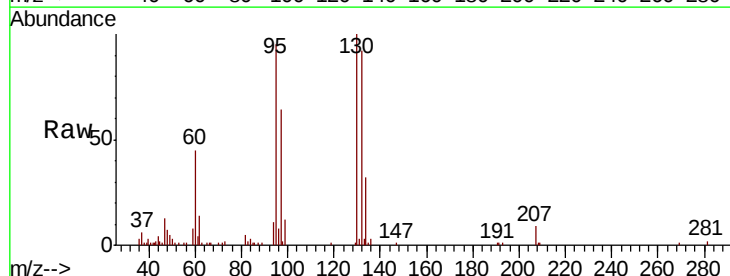
Tot Ion	43	Resp	37968
Ion Ratio	Lower	Upper	
43	100		
61	21.2	16.1	24.1
87	14.4	10.9	16.3

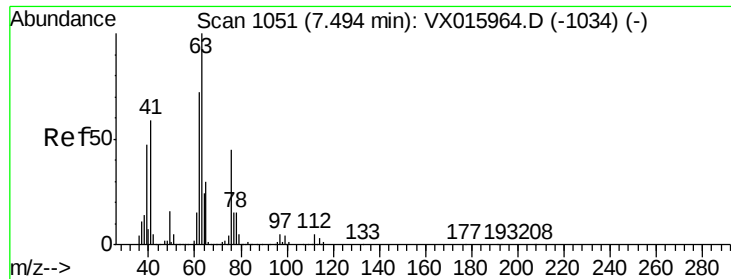


#44

Trichloroethene
 Concen: 5.270 ug/l
 RT: 7.20 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Tgt Ion	130	Resp	21822
Ion Ratio	Lower	Upper	
130	100		
95	95.3	0.0	197.4





#45

1,2-Dichloropropane

Concen: 5.134 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

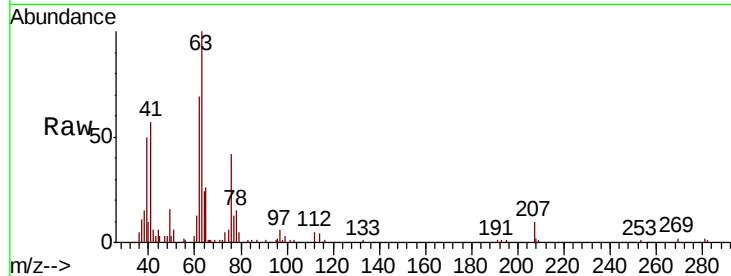
VSTDIC005

Tot Ion: 63 Resp: 15243

Ion Ratio Lower Upper

63 100

65 26.4 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

8000

6000

4000

2000

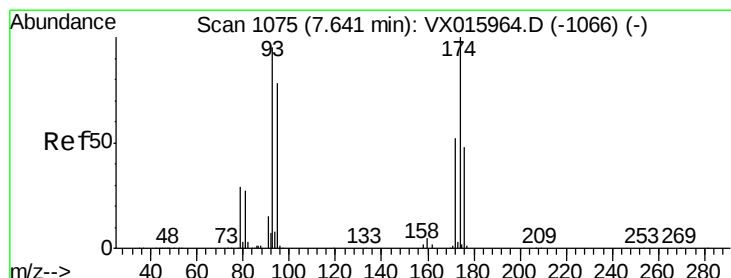
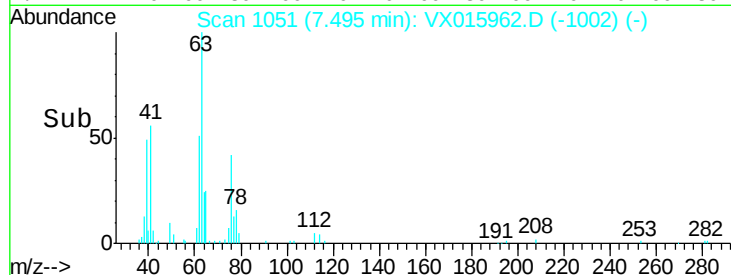
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 5.015 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

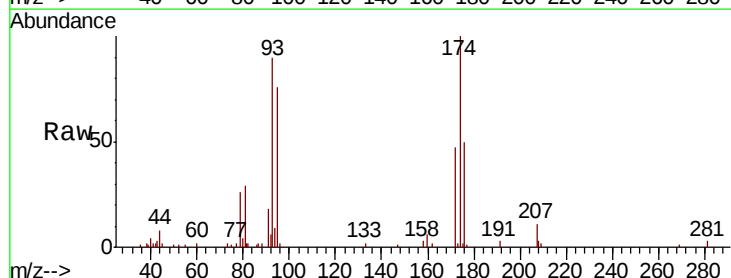
Tgt Ion: 93 Resp: 10580

Ion Ratio Lower Upper

93 100

95 80.8 65.5 98.3

174 105.8 82.7 124.1



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

8000

6000

4000

2000

0

Time-->

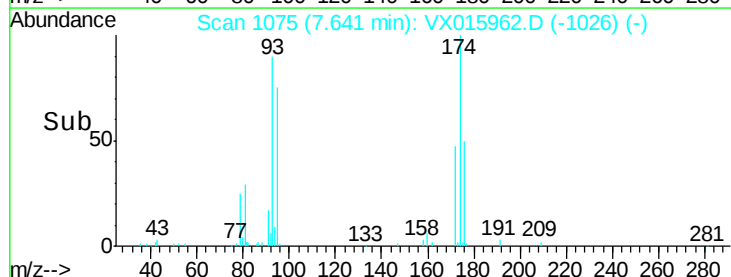
7.55

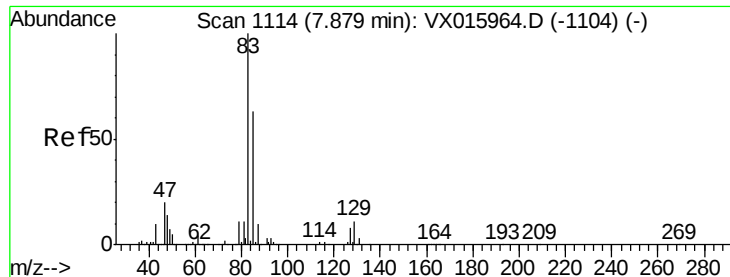
7.60

7.65

7.70

7.75





#47

Bromodichloromethane

Concen: 4.937 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

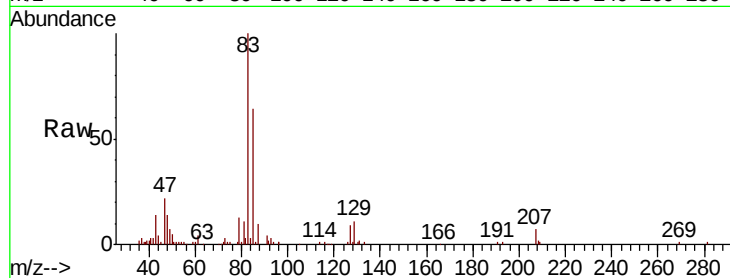
Tot Ion: 83 Resp: 20699

Ion Ratio Lower Upper

83 100

85 63.9 50.6 75.8

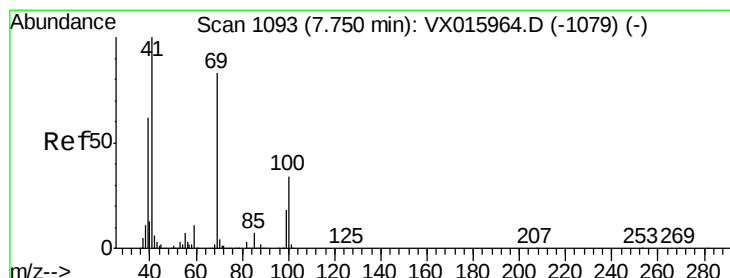
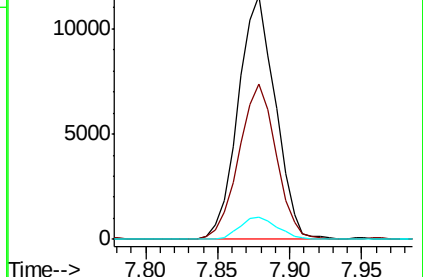
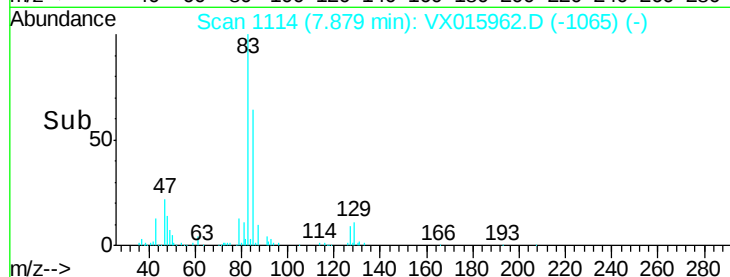
127 9.3 6.7 10.1



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: 5.008 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

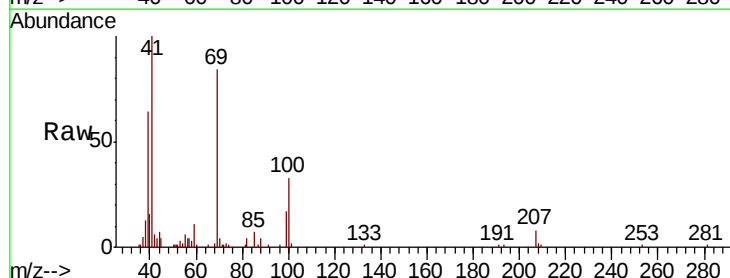
Tgt Ion: 41 Resp: 17680

Ion Ratio Lower Upper

41 100

69 80.1 66.0 99.0

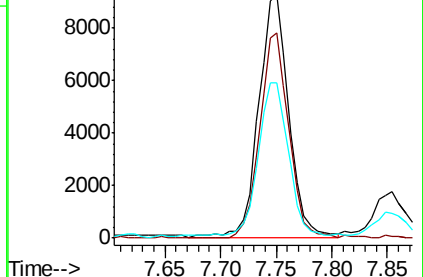
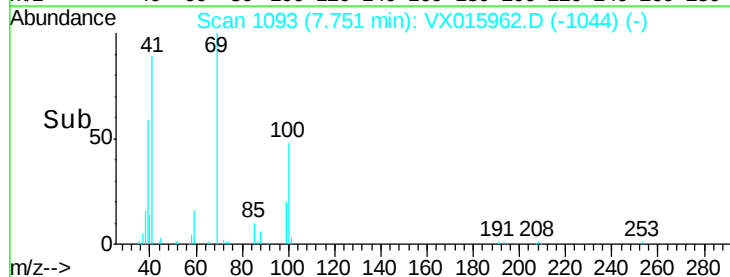
39 61.9 49.0 73.4

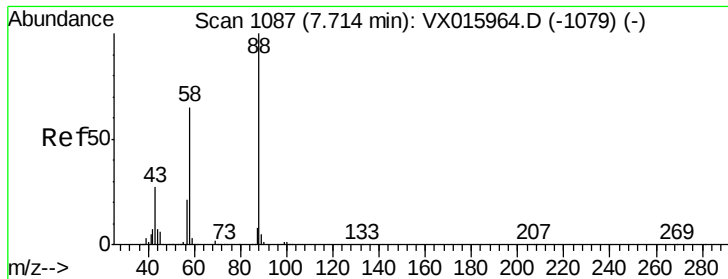


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

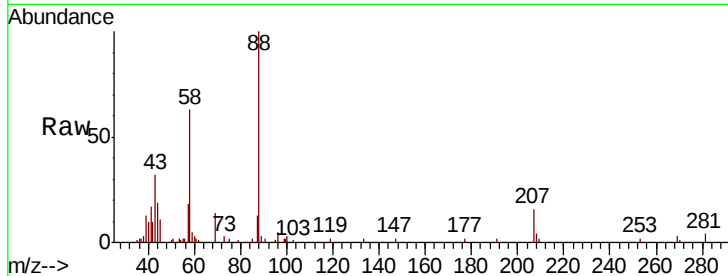




#49
1,4-Dioxane
Concen: 100.245 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	88	Resp	8325
Ion	Ratio	Lower	Upper
88	100		
43	34.8	26.6	39.8
58	68.3	54.8	82.2

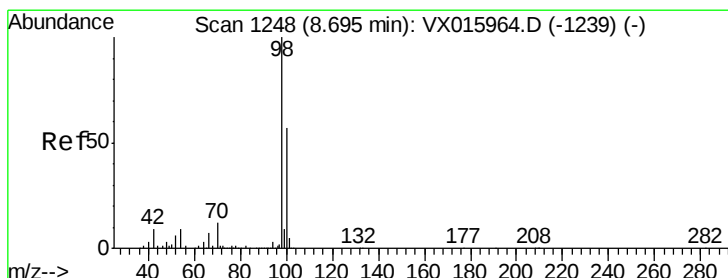
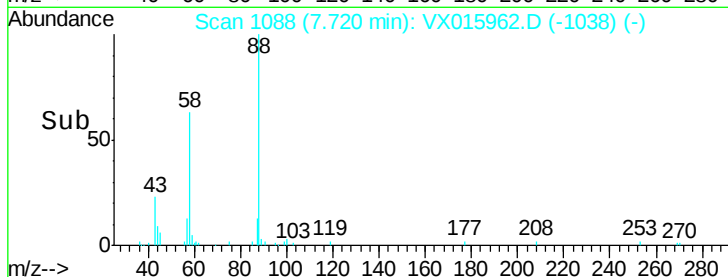
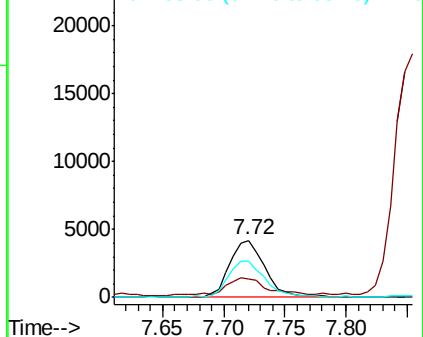


Abundance

Ion 88.00 (87.70 to 88.70): VX0

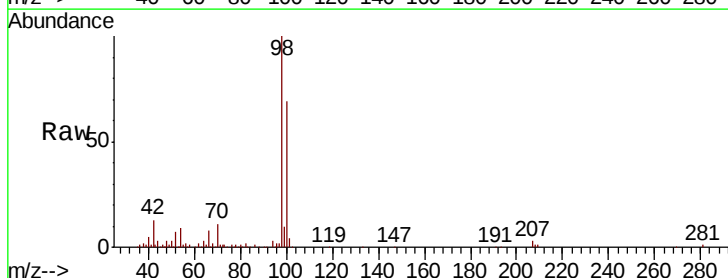
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 4.994 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

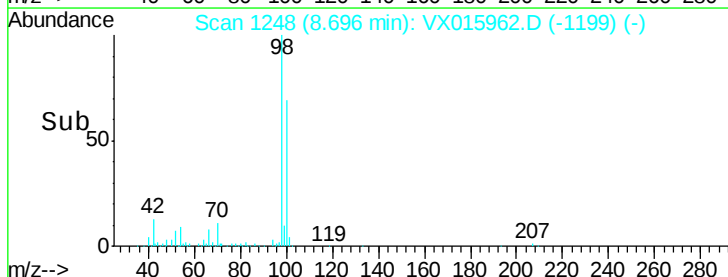
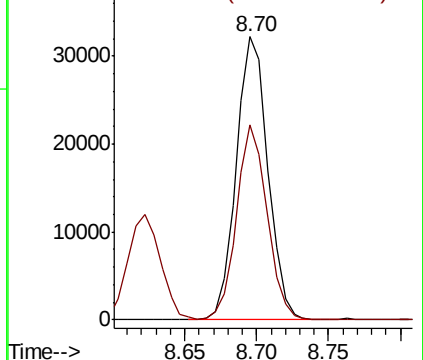
Tgt Ion	98	Resp	49241
Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.1	79.7

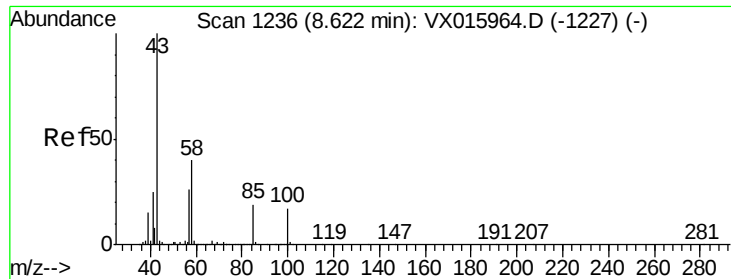


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 24.642 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

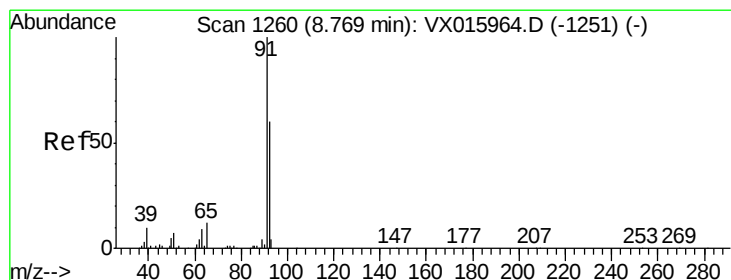
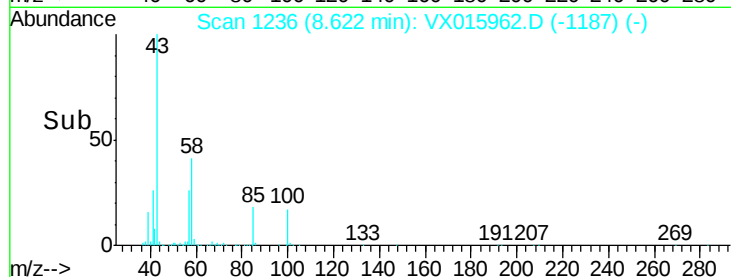
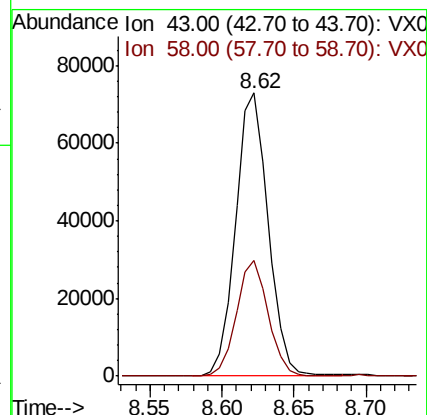
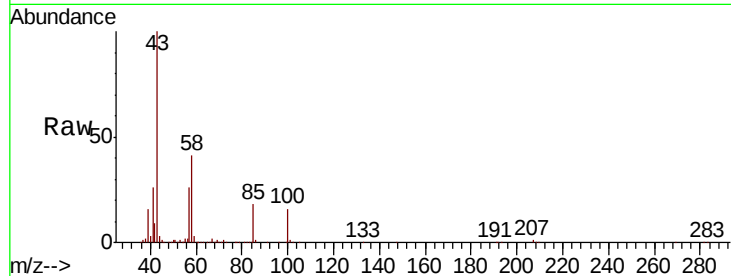
VSTDIC005

Tot Ion: 43 Resp: 114285

Ion Ratio Lower Upper

43 100

58 40.0 32.0 48.0



#52

Toluene

Concen: 4.995 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX015962.D

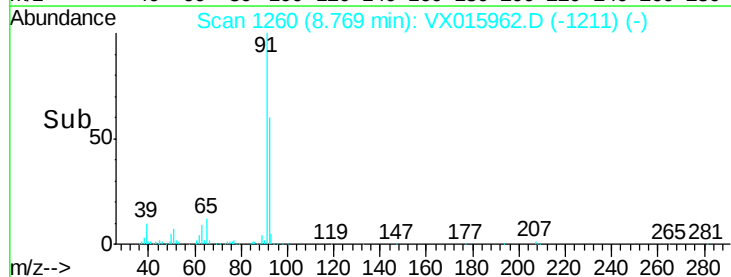
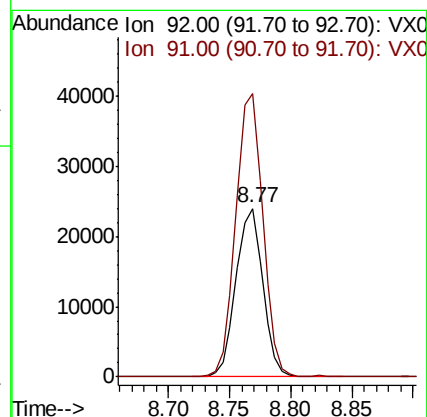
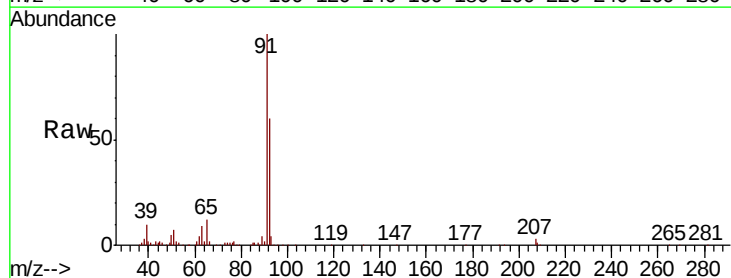
Acq: 28 Apr 2020 15:24

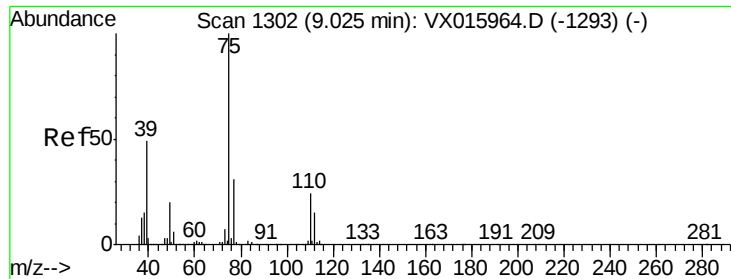
Tgt Ion: 92 Resp: 36430

Ion Ratio Lower Upper

92 100

91 170.1 134.6 202.0





#53

t-1,3-Dichloropropene

Concen: 4.885 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

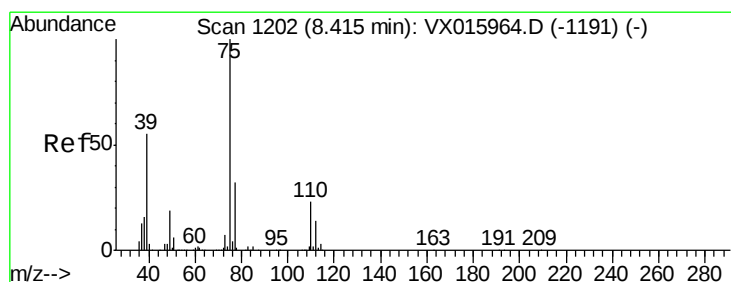
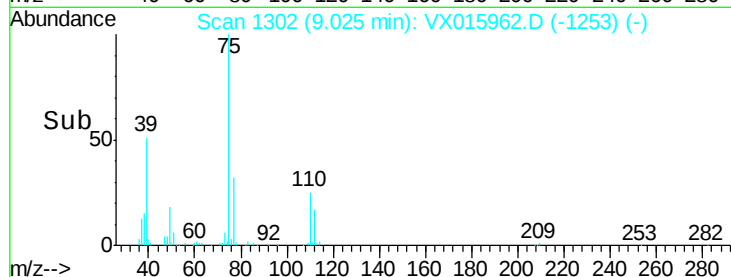
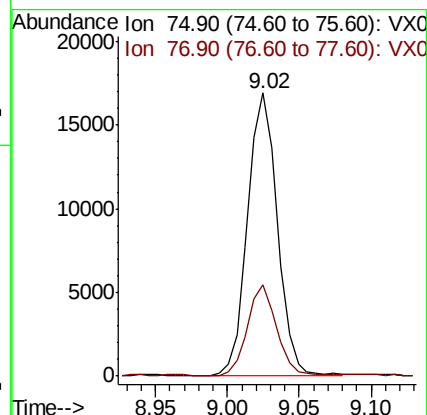
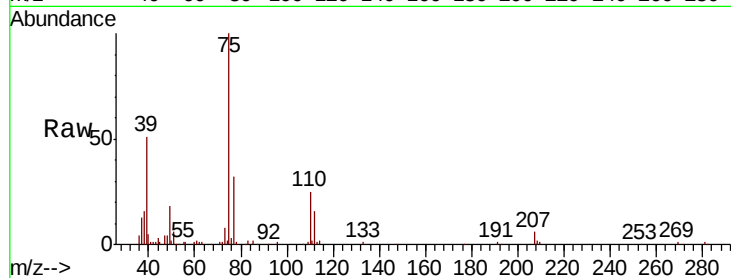
VSTDIC005

Tot Ion: 75 Resp: 24303

Ion Ratio Lower Upper

75 100

77 32.3 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 5.002 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

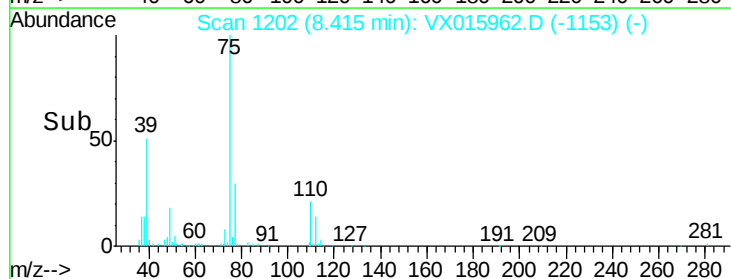
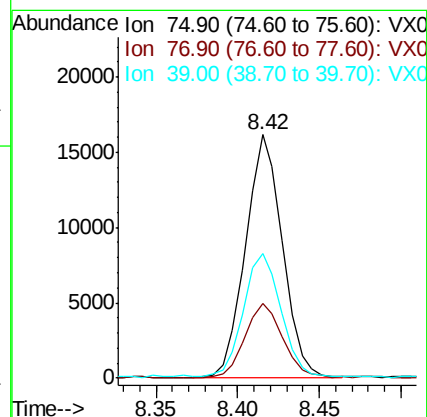
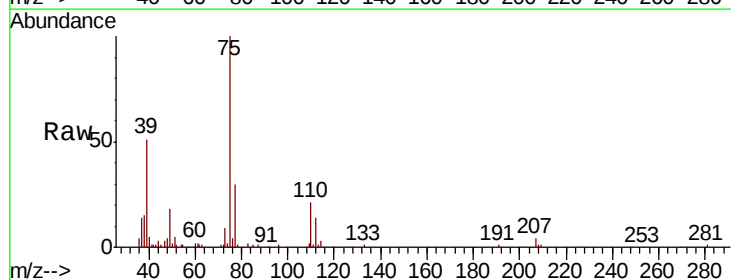
Tgt Ion: 75 Resp: 25595

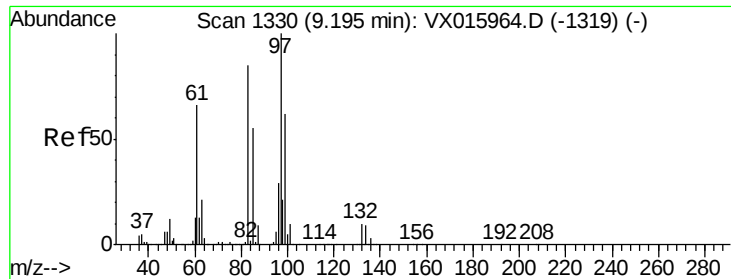
Ion Ratio Lower Upper

75 100

77 30.2 25.4 38.0

39 50.5 44.1 66.1

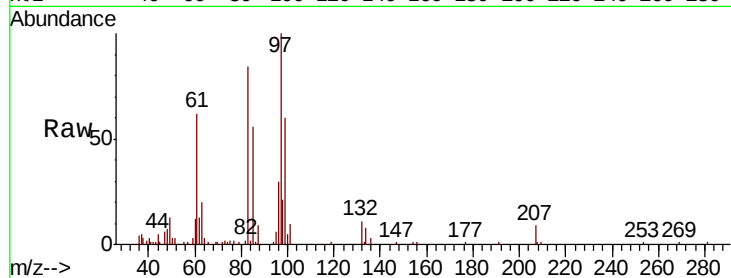




#55
 1,1,2-Trichloroethane
 Concen: 4.994 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	14555
Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.2	102.2
85	55.5	43.7	65.5
99	60.2	49.7	74.5



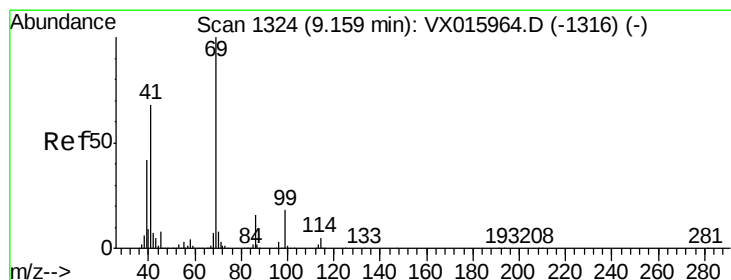
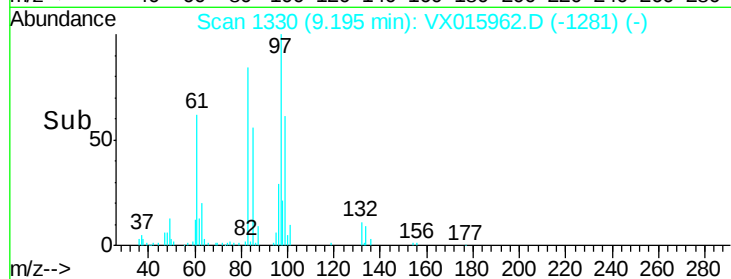
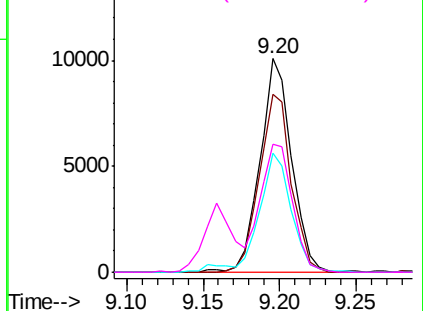
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

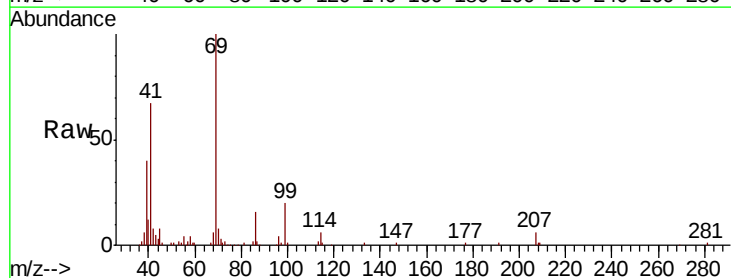
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 4.722 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Tgt Ion:	69	Resp:	22378
Ion	Ratio	Lower	Upper
69	100		
41	64.8	53.5	80.3
39	42.3	33.4	50.0

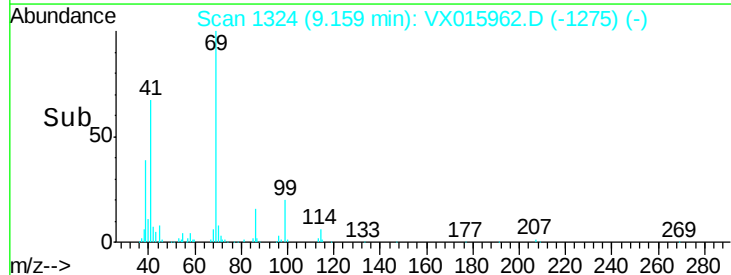
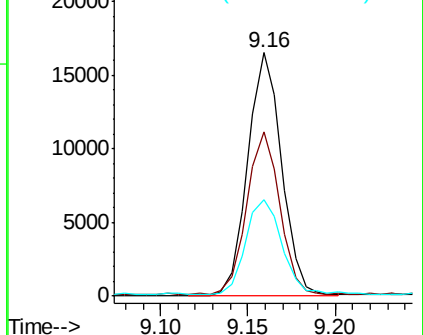


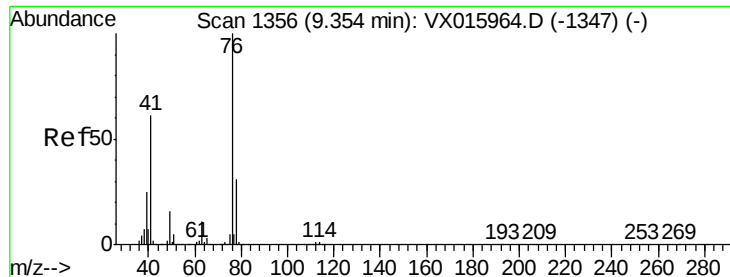
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 5.002 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

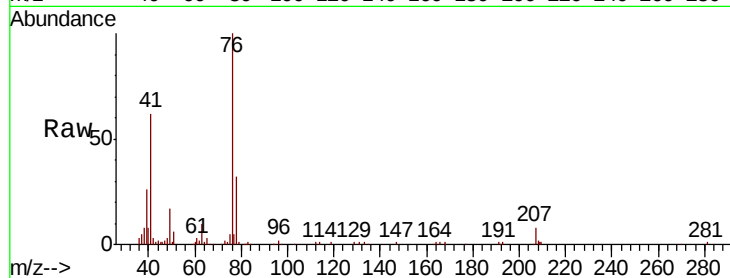
VSTDIC005

Tot Ion: 76 Resp: 25049

Ion Ratio Lower Upper

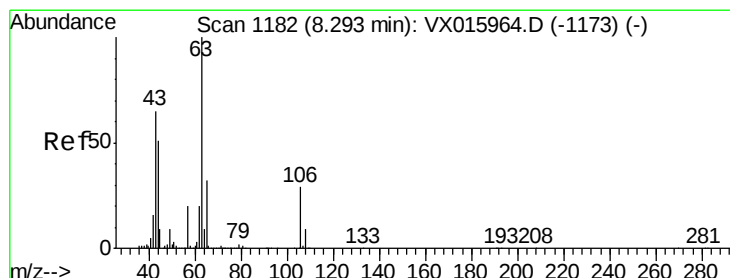
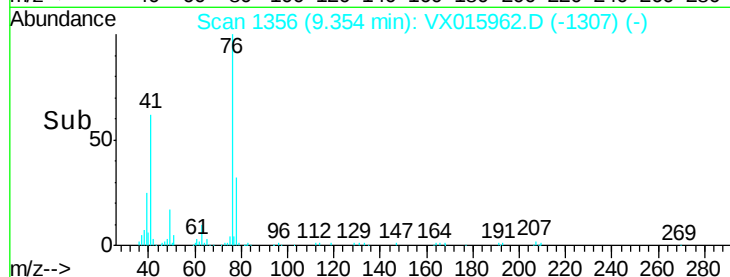
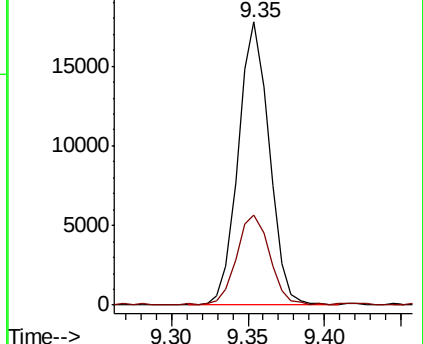
76 100

78 34.9 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 23.538 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX015962.D

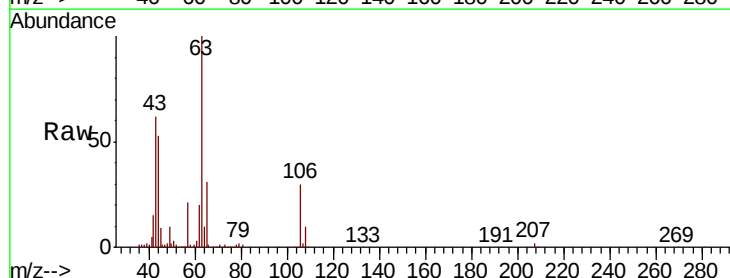
Acq: 28 Apr 2020 15:24

Tgt Ion: 63 Resp: 57644

Ion Ratio Lower Upper

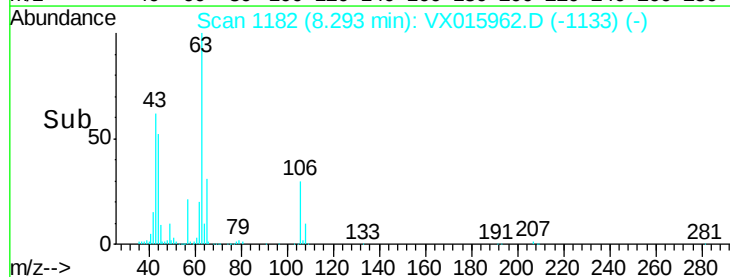
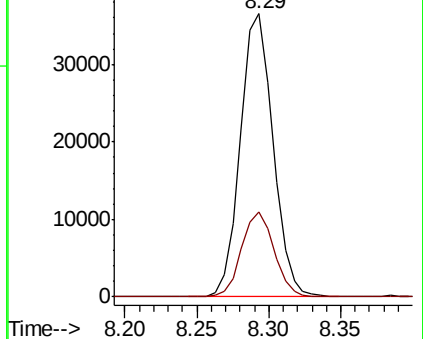
63 100

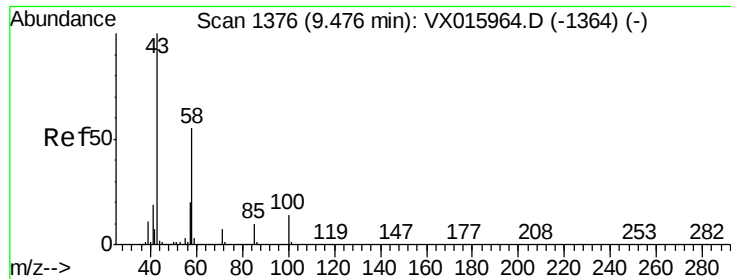
106 29.9 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

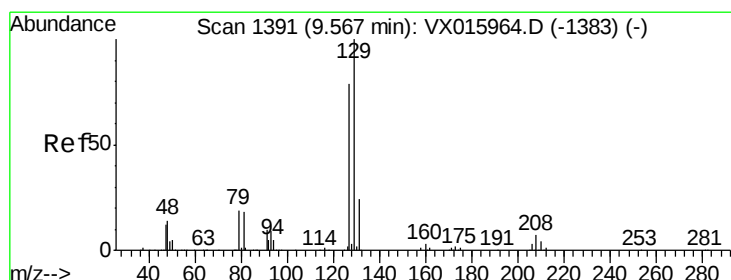
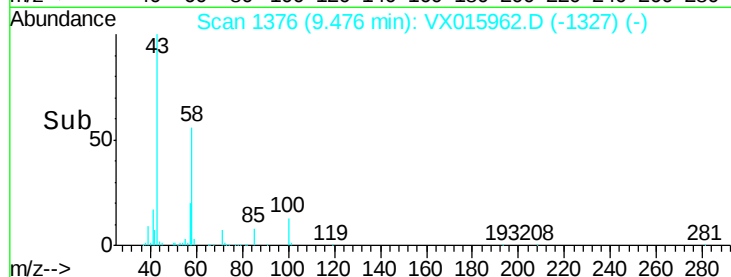
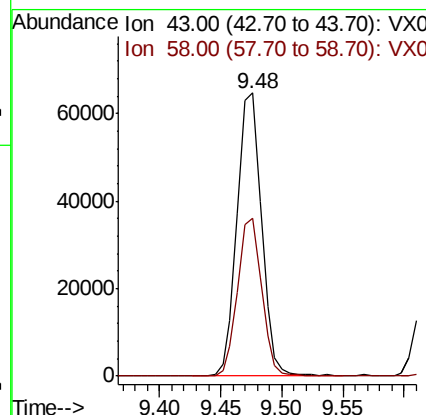
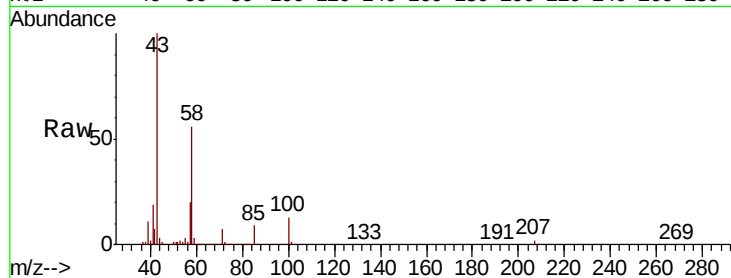




#59
2-Hexanone
Concen: 24.566 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

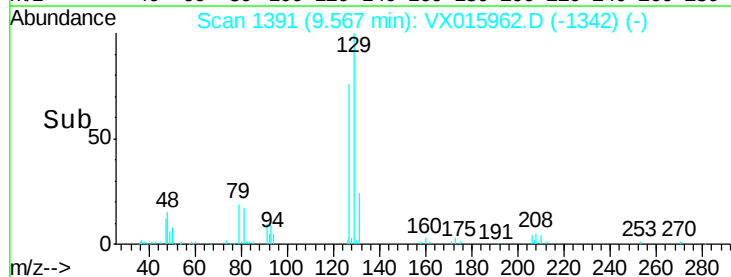
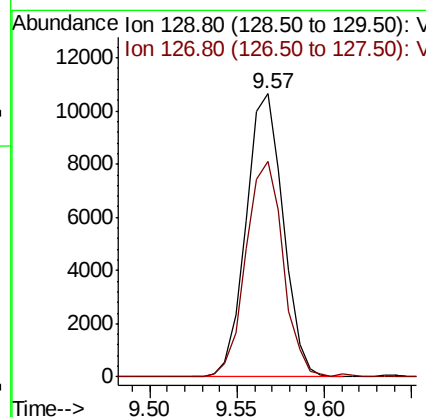
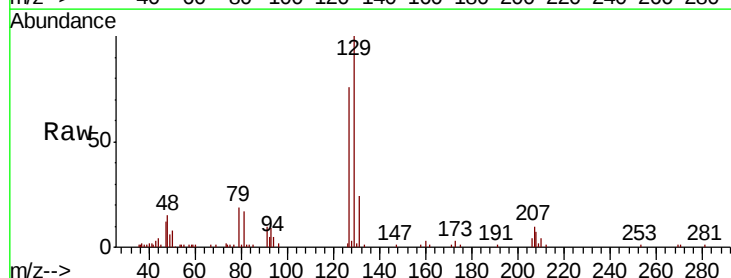
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

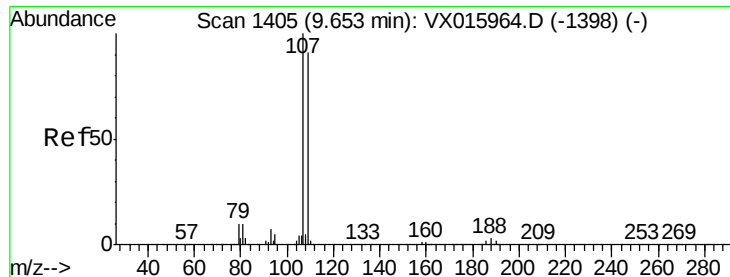
Tot Ion: 43 Resp: 89039
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1



#60
Dibromochloromethane
Concen: 4.821 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion: 129 Resp: 15727
Ion Ratio Lower Upper
129 100
127 76.0 39.4 118.1





#61

1,2-Dibromoethane

Concen: 4.887 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

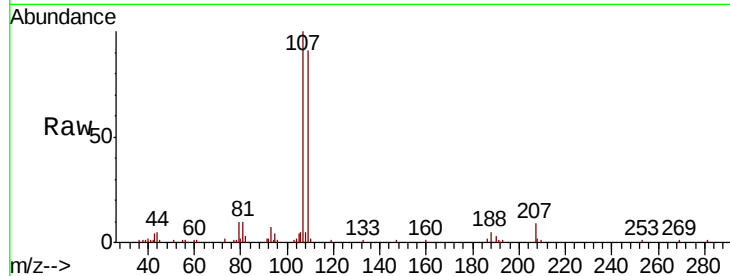
VSTDIC005

Tot Ion: 107 Resp: 15445

Ion Ratio Lower Upper

107 100

109 95.4 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

12000

10000

8000

6000

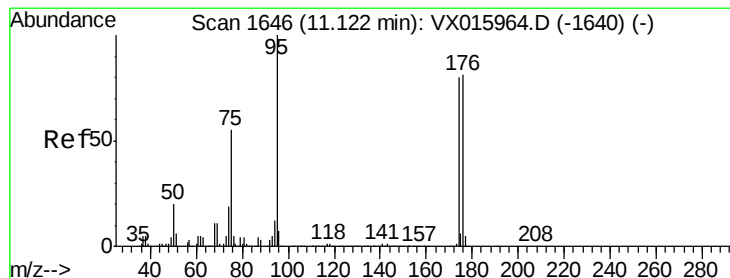
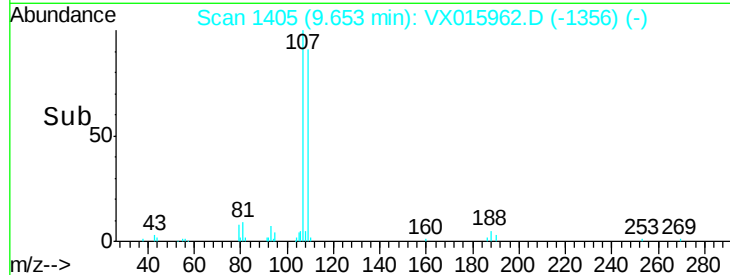
4000

2000

0

9.60 9.65 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 4.934 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

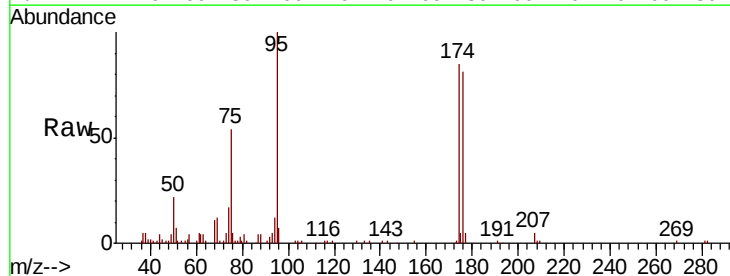
Tgt Ion: 95 Resp: 19081

Ion Ratio Lower Upper

95 100

174 84.5 0.0 165.0

176 82.6 0.0 163.2



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

20000

15000

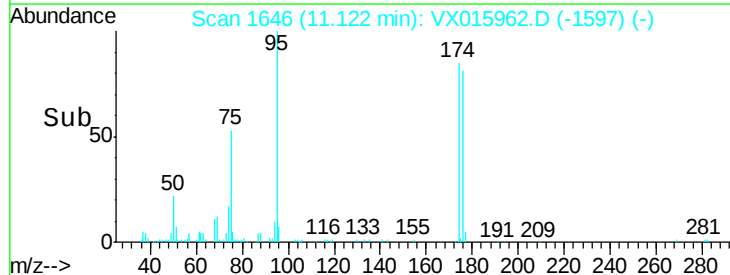
10000

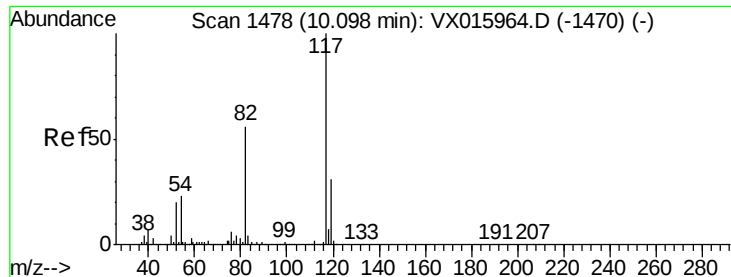
5000

0

11.05 11.10 11.15 11.20

Time-->

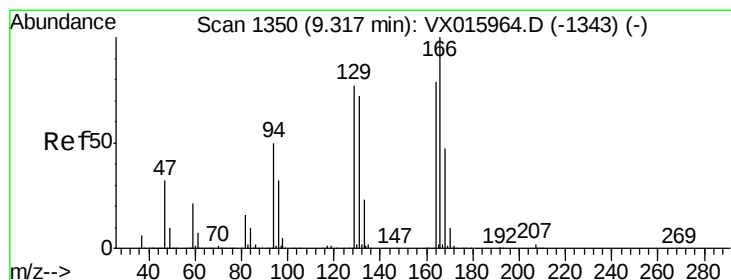
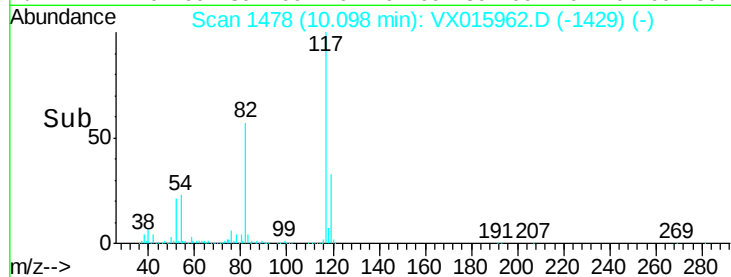
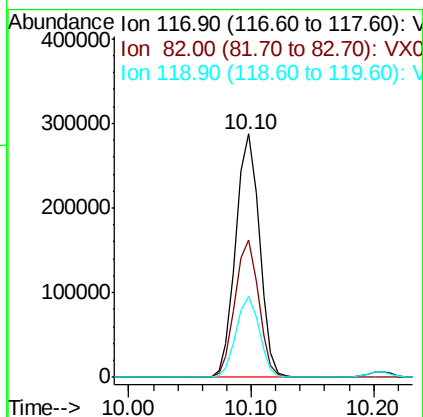
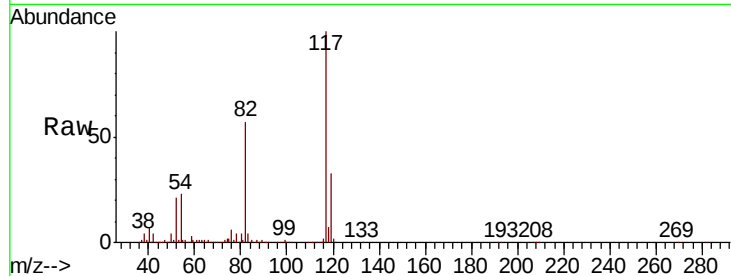




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

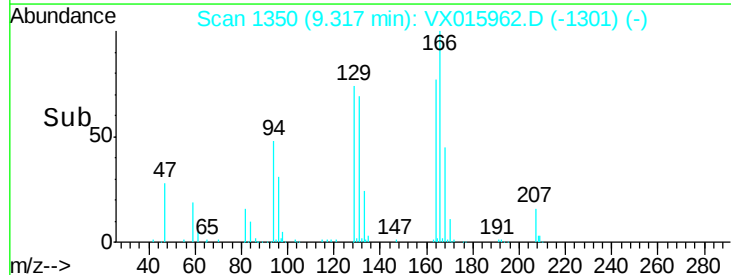
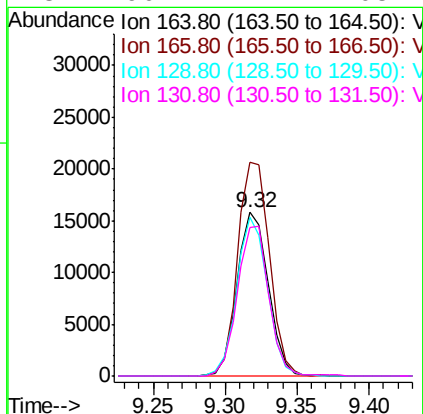
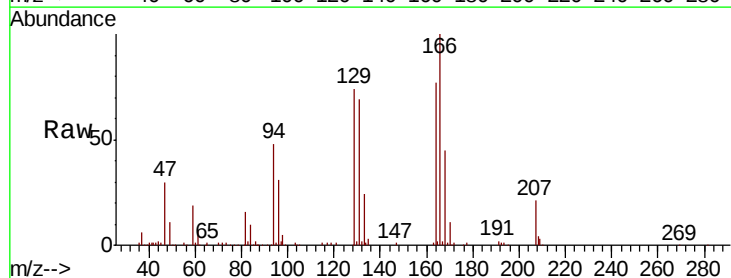
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

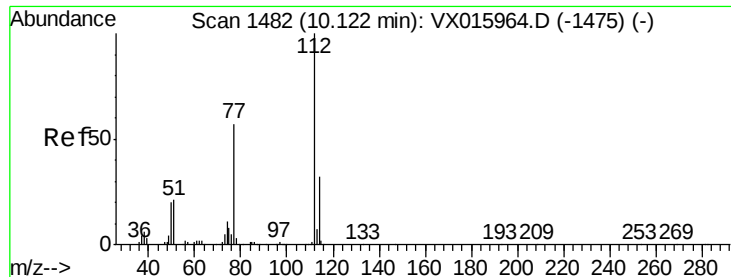
Tot Ion:117 Resp: 386562
Ion Ratio Lower Upper
117 100
82 56.5 44.5 66.7
119 33.1 25.0 37.6



#64
Tetrachloroethene
Concen: 5.230 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion:164 Resp: 23985
Ion Ratio Lower Upper
164 100
166 130.7 101.0 151.4
129 97.0 77.4 116.0
131 90.7 72.2 108.2





#65

Chlorobenzene

Concen: 5.090 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

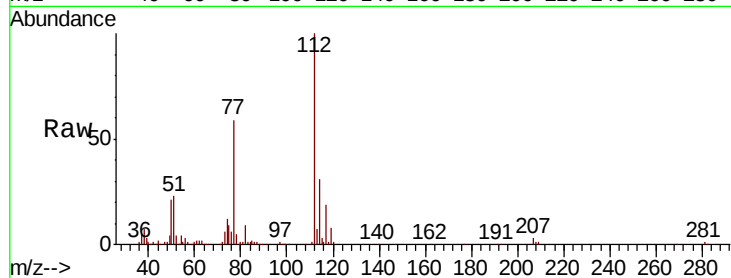
VSTDIC005

Tot Ion:112 Resp: 40072

Ion Ratio Lower Upper

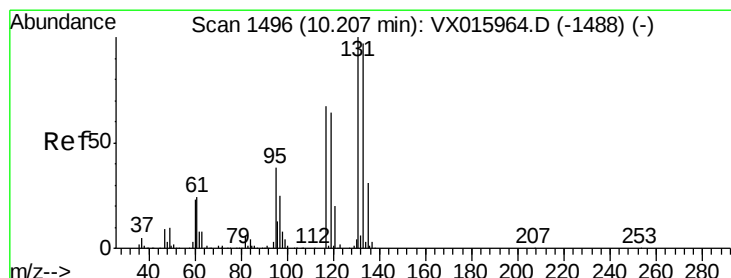
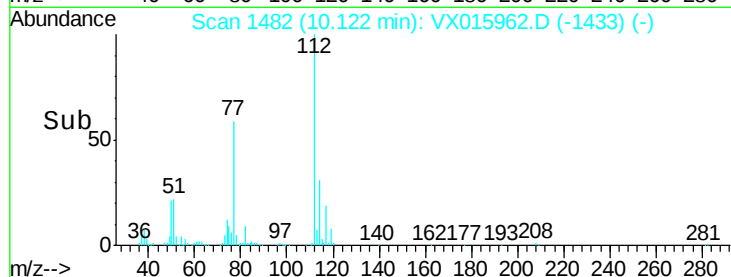
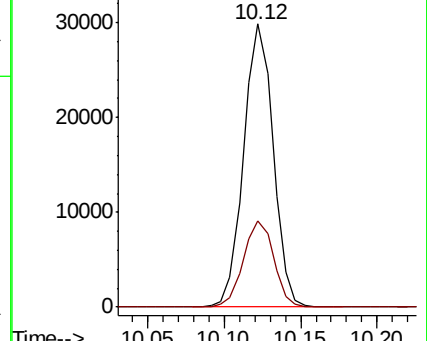
112 100

114 30.6 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 5.020 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

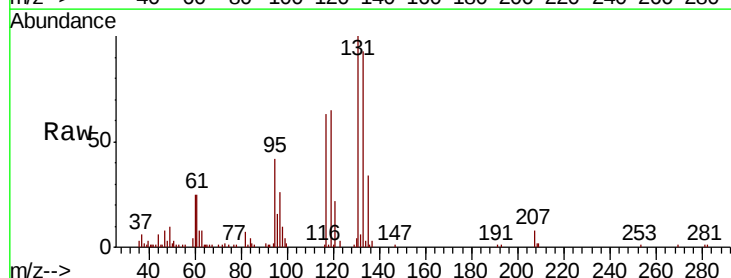
Tgt Ion:131 Resp: 14938

Ion Ratio Lower Upper

131 100

133 92.4 48.3 144.8

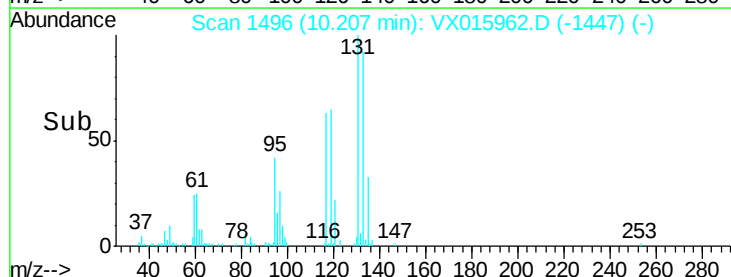
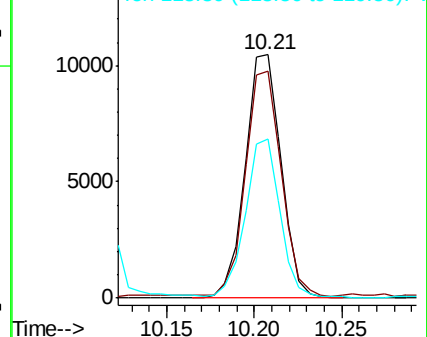
119 63.8 31.6 94.8

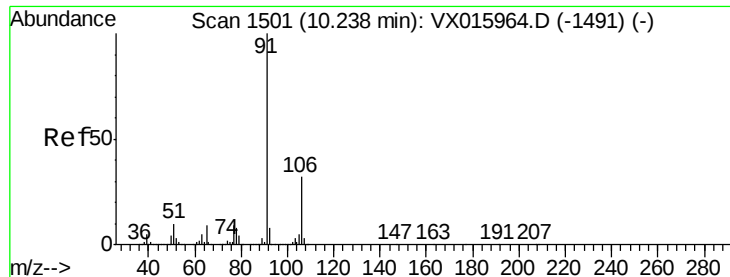


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 5.040 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

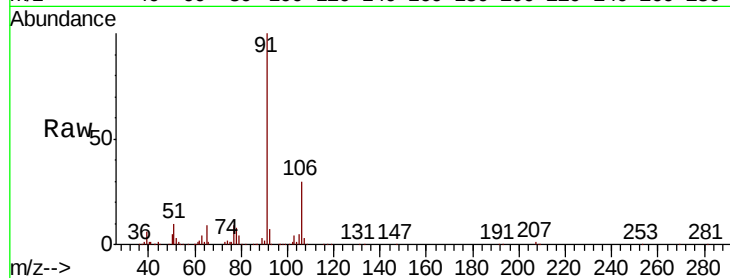
VSTDIC005

Tot Ion: 91 Resp: 70660

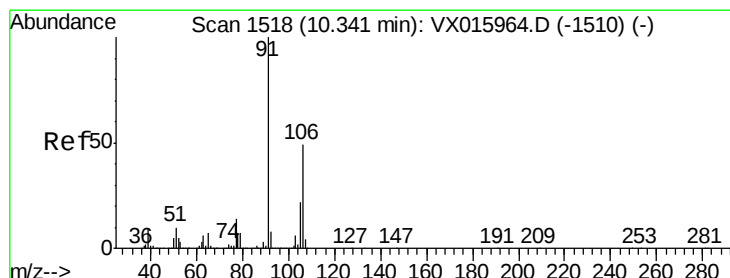
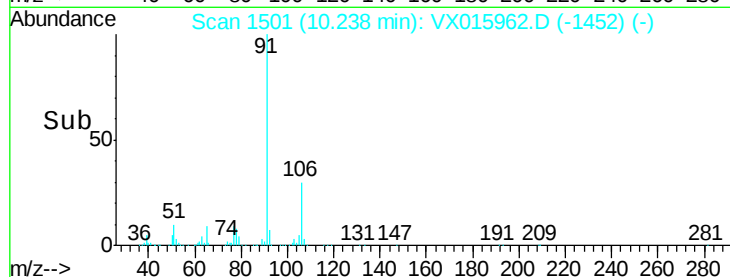
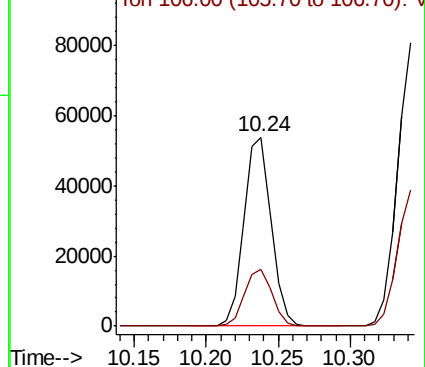
Ion Ratio Lower Upper

91 100

106 30.4 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VX015964.D (-1491) (-)



#68

m/p-Xylenes

Concen: 10.001 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX015962.D

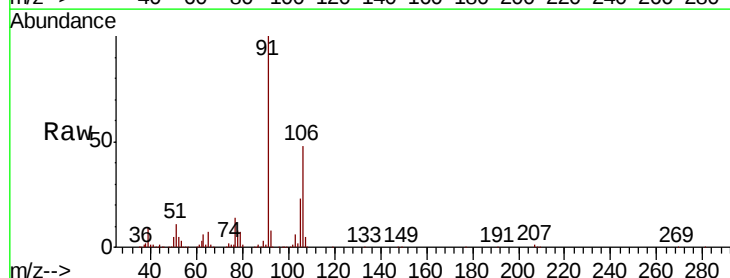
Acq: 28 Apr 2020 15:24

Tgt Ion: 106 Resp: 53209

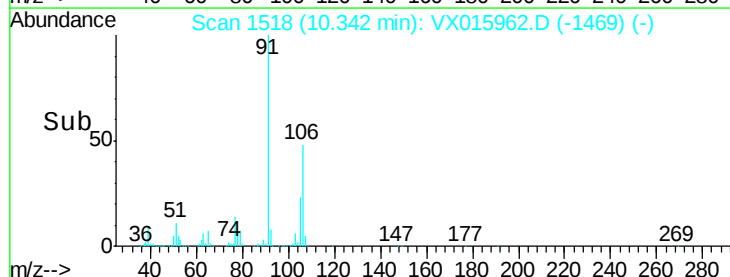
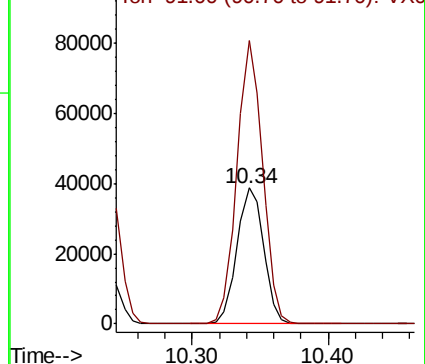
Ion Ratio Lower Upper

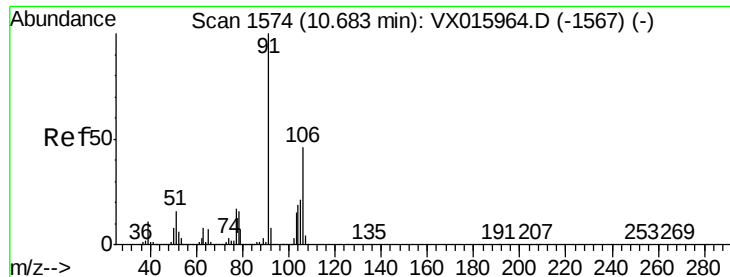
106 100

91 199.6 161.6 242.4



Abundance Ion 106.00 (105.70 to 106.70): VX015964.D (-1510) (-)

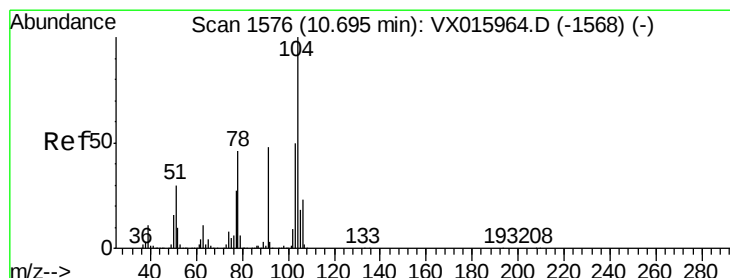
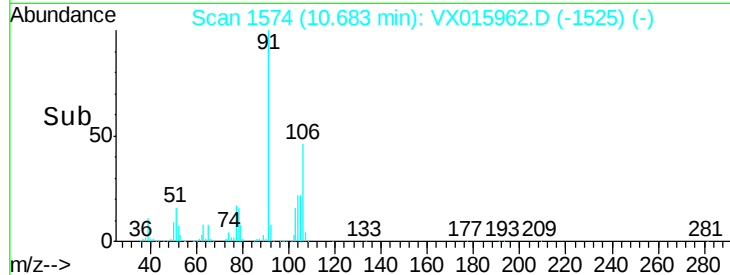
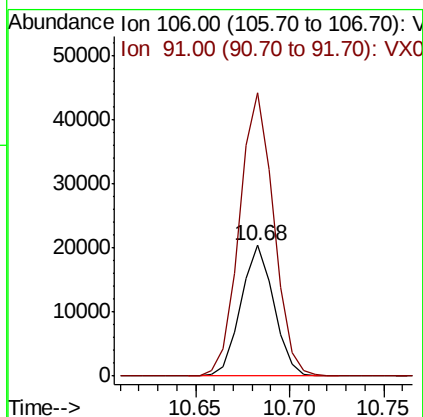
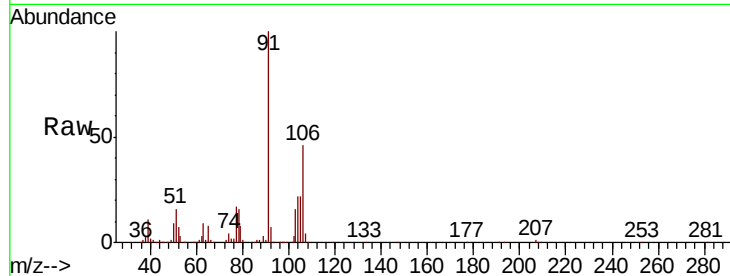




#69
o-Xylene
Concen: 4.923 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

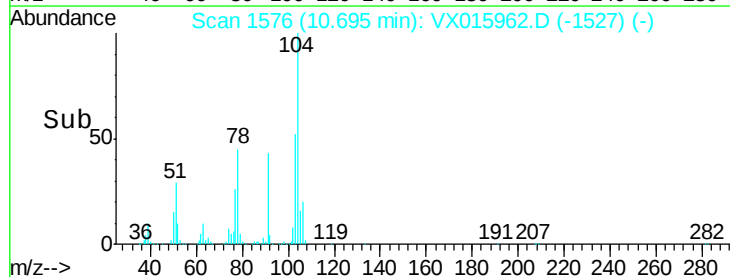
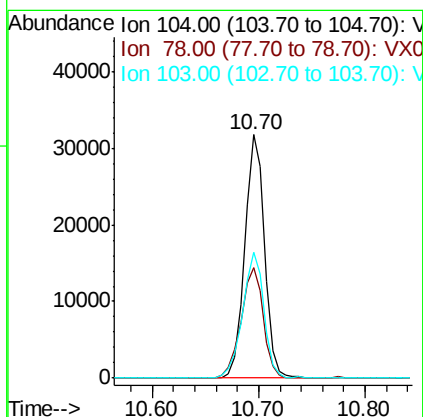
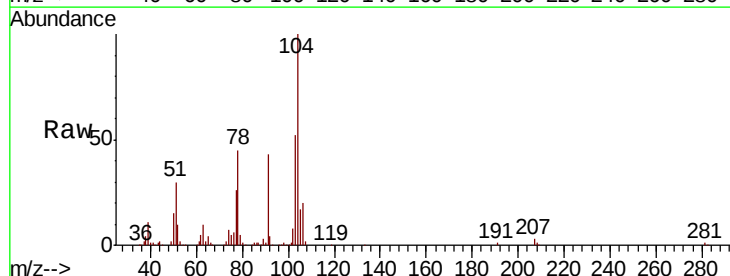
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

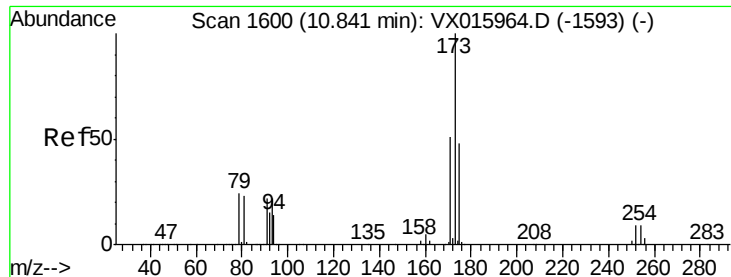
Tot Ion:106 Resp: 24869
Ion Ratio Lower Upper
106 100
91 225.2 106.1 318.3



#70
Styrene
Concen: 4.779 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion:104 Resp: 41426
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.4
103 56.0 43.4 65.2





#71

Bromoform

Concen: 4.534 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

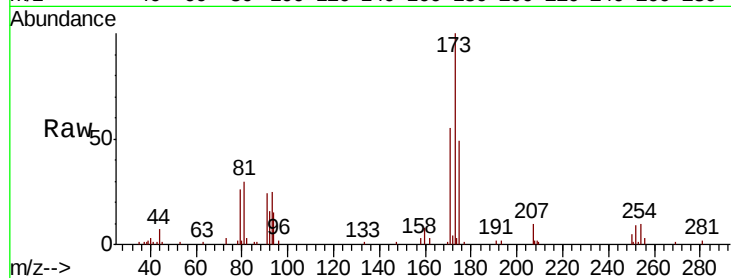
Tot Ion:173 Resp: 10929

Ion Ratio Lower Upper

173 100

175 48.4 24.1 72.4

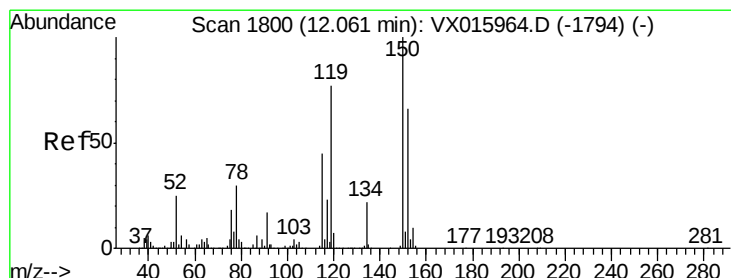
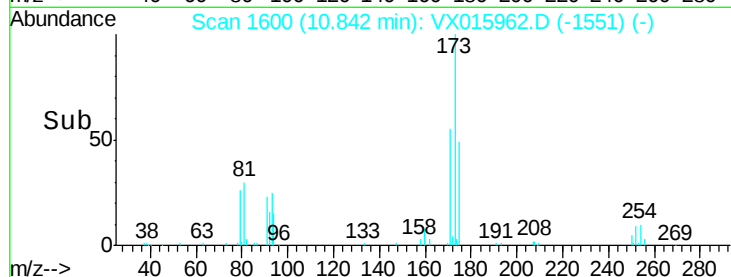
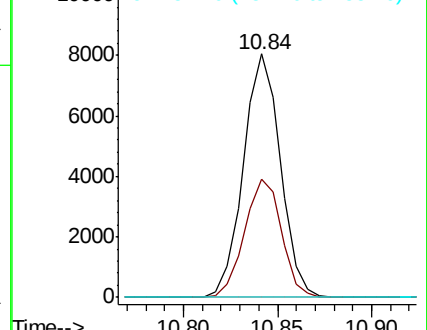
254 0.0 0.1 0.1#



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: VX015962.D

Acq: 28 Apr 2020 15:24

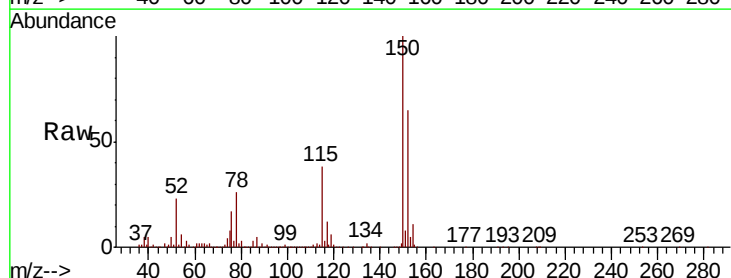
Tgt Ion:152 Resp: 200296

Ion Ratio Lower Upper

152 100

115 59.2 40.9 122.7

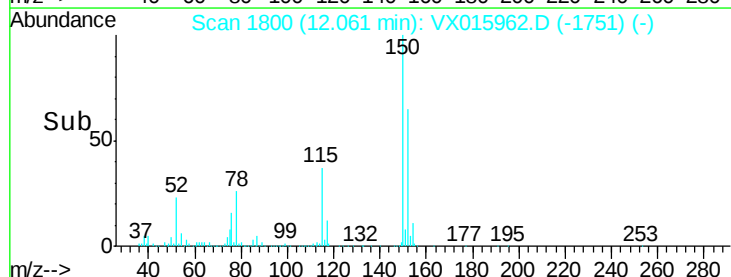
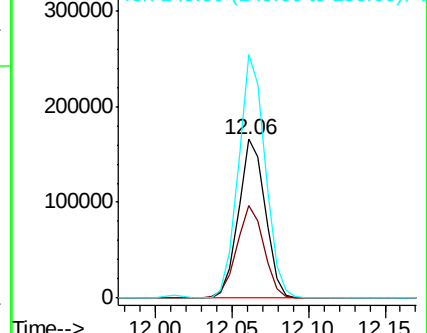
150 153.8 0.0 342.4

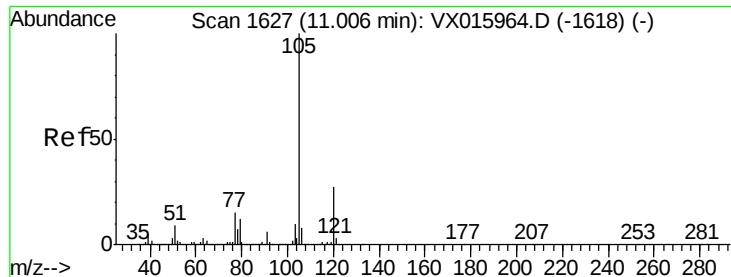


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.991 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

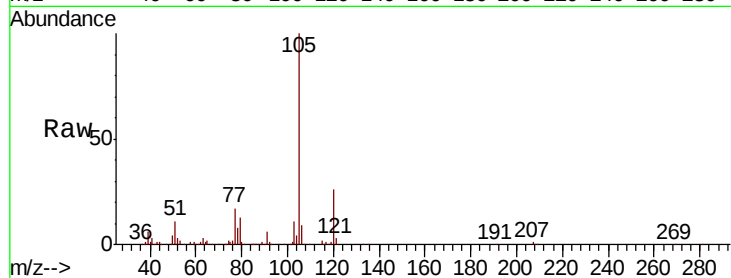
VSTDIC005

Tot Ion:105 Resp: 68001

Ion Ratio Lower Upper

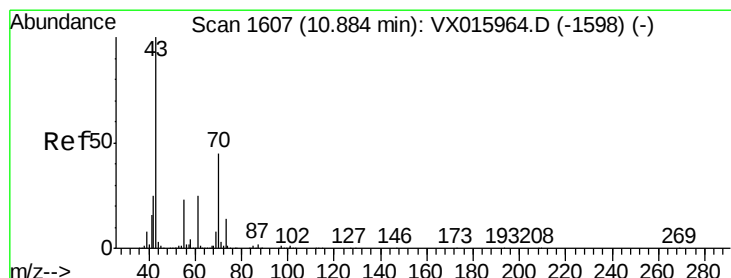
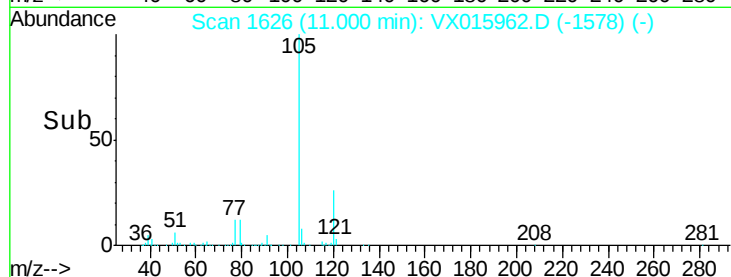
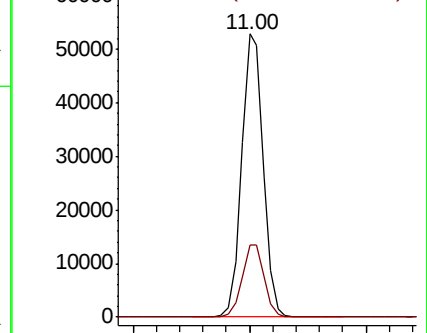
105 100

120 25.9 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.904 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Tgt Ion: 43 Resp: 32224

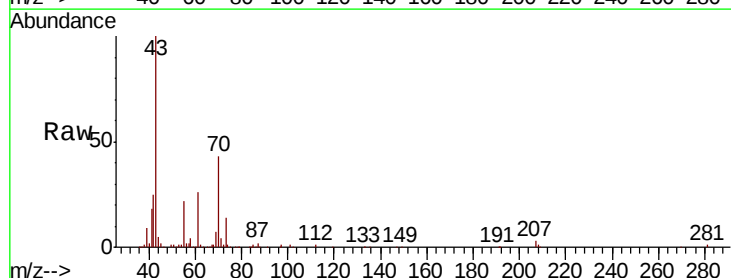
Ion Ratio Lower Upper

43 100

70 44.7 34.5 51.7

55 24.8 18.6 28.0

61 25.2 19.8 29.6

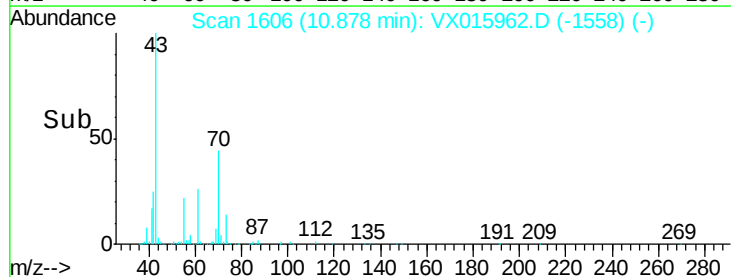
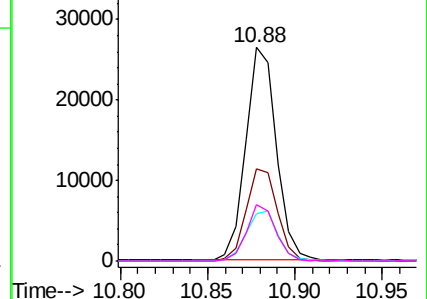


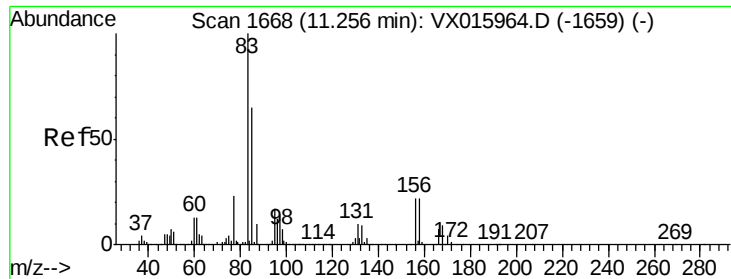
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 4.075 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

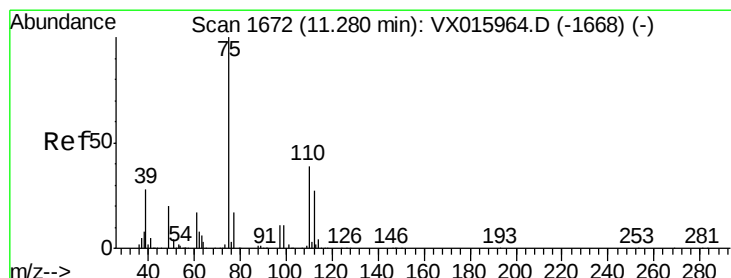
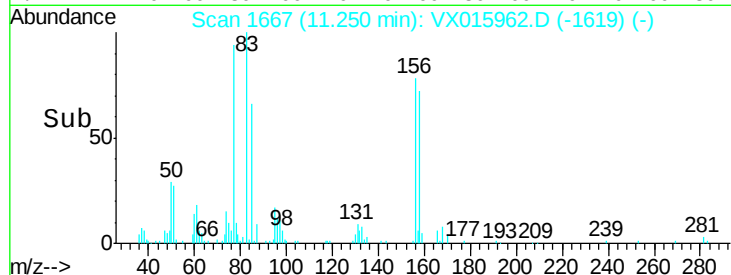
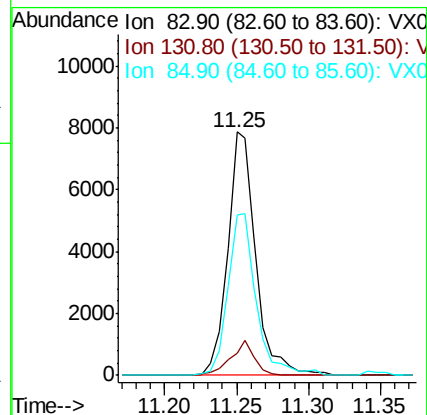
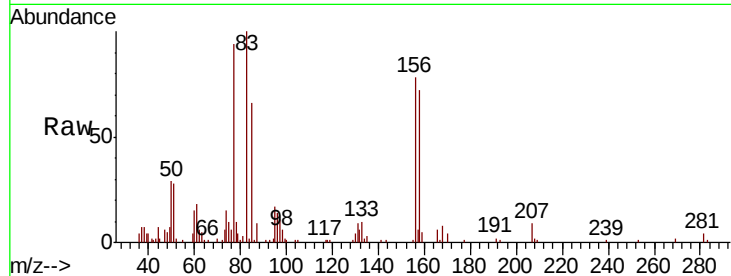
Tot Ion: 83 Resp: 10762

Ion Ratio Lower Upper

83 100

131 12.2 5.1 15.4

85 67.6 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 5.440 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX015962.D

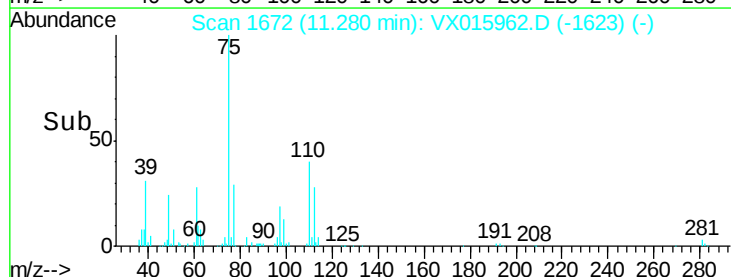
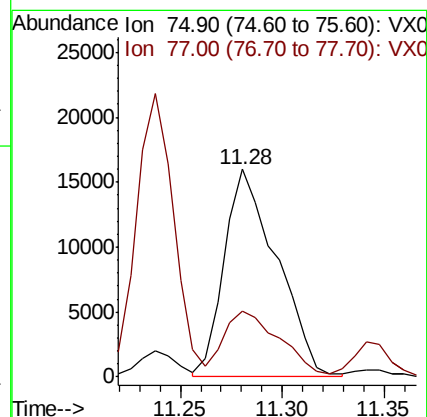
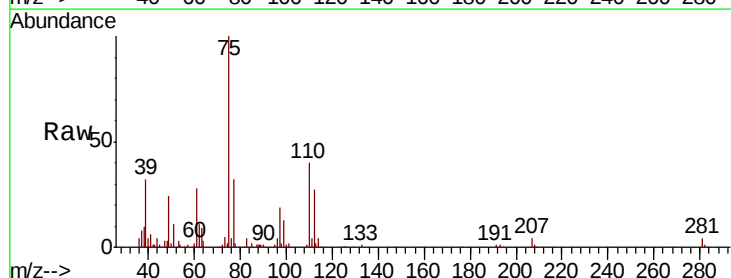
Acq: 28 Apr 2020 15:24

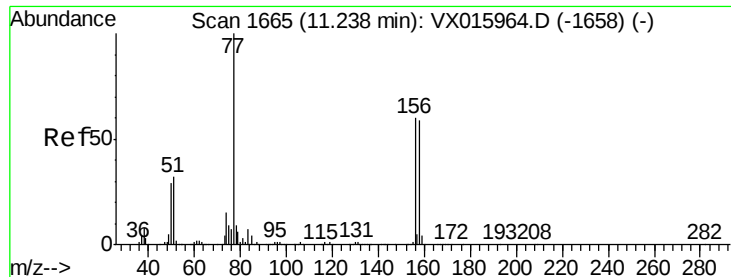
Tgt Ion: 75 Resp: 28536

Ion Ratio Lower Upper

75 100

77 33.1 21.6 65.0





#77

Bromobenzene

Concen: 5.026 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

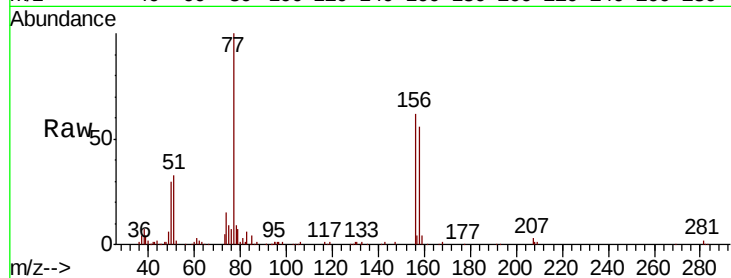
Tot Ion:156 Resp: 17628

Ion Ratio Lower Upper

156 100

77 157.0 78.3 234.8

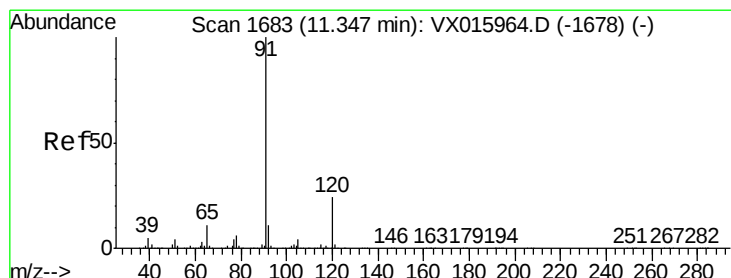
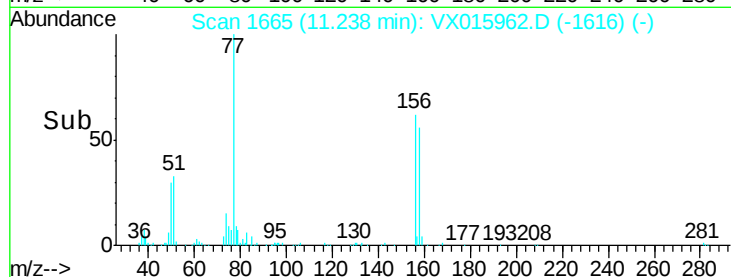
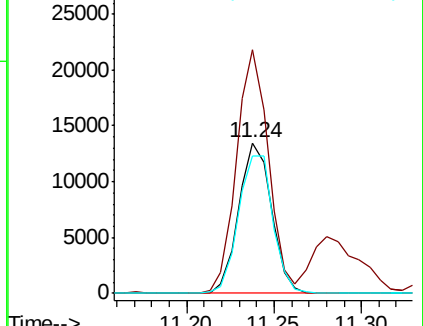
158 95.8 48.5 145.5



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: 5.016 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX015962.D

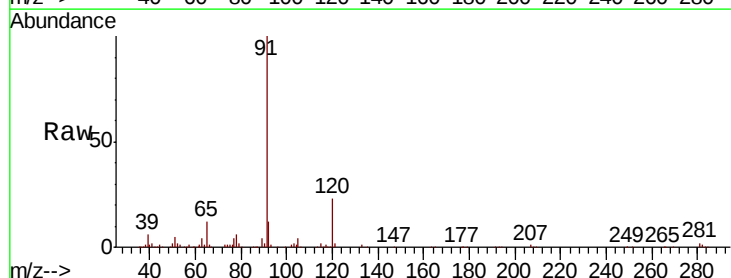
Acq: 28 Apr 2020 15:24

Tgt Ion: 91 Resp: 78616

Ion Ratio Lower Upper

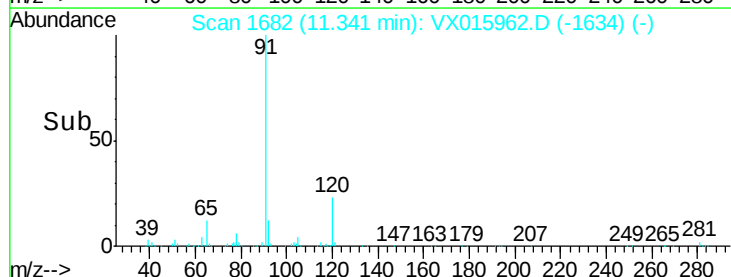
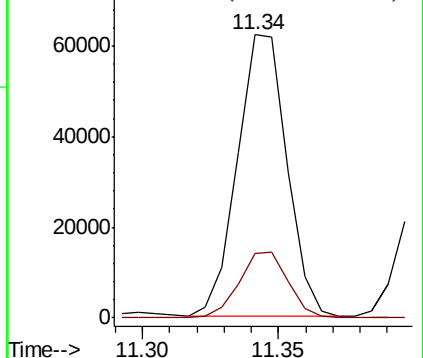
91 100

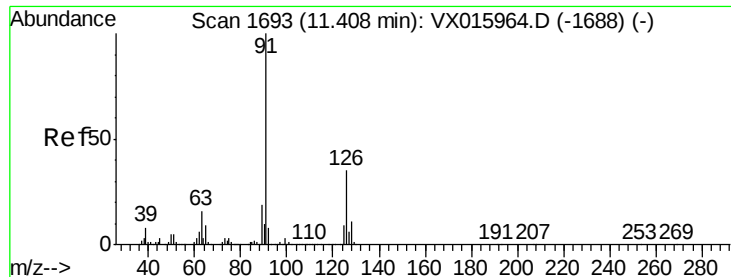
120 23.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

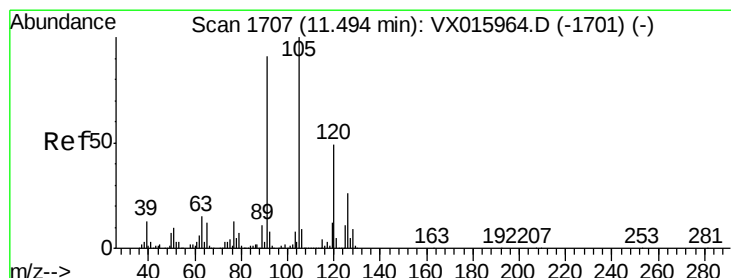
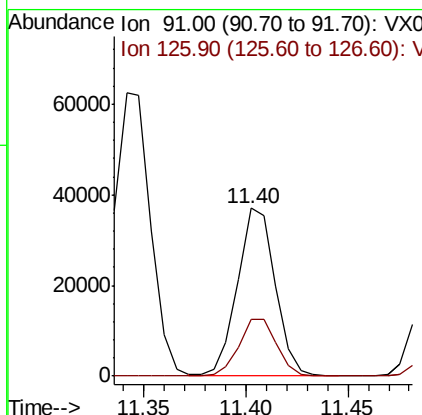
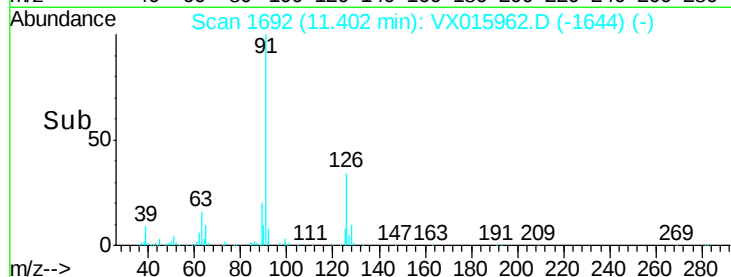
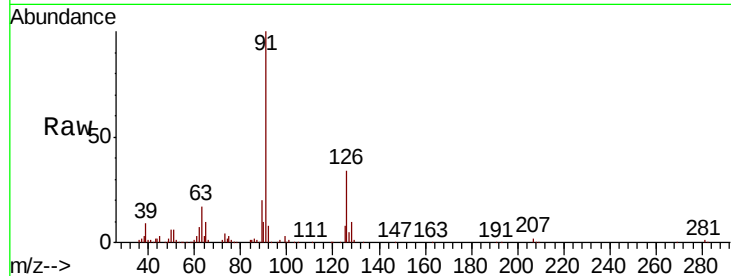




#79
 2-Chlorotoluene
 Concen: 5.063 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

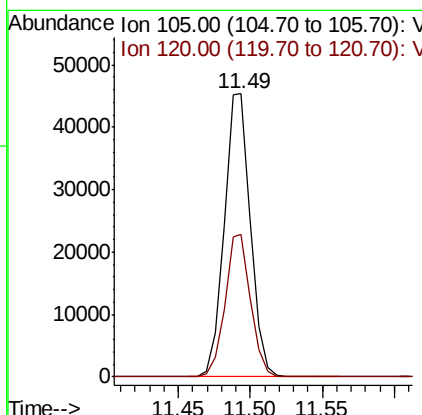
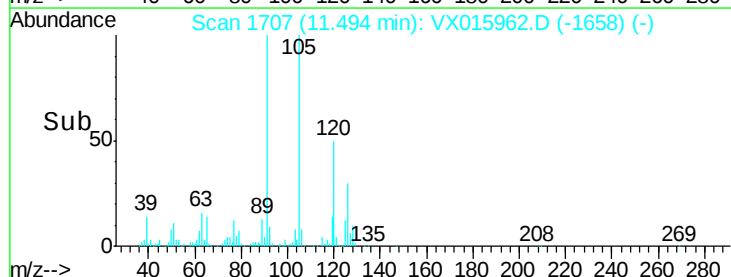
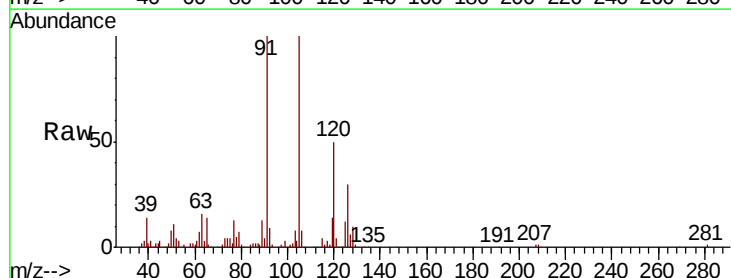
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

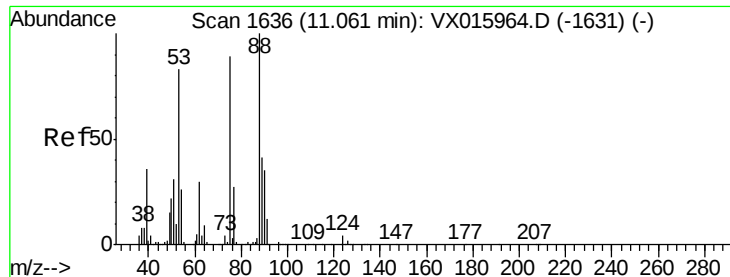
Tot Ion: 91 Resp: 47288
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 5.054 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Tgt Ion: 105 Resp: 58014
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 4.653 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

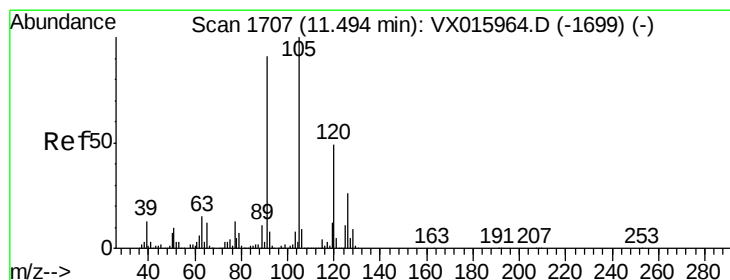
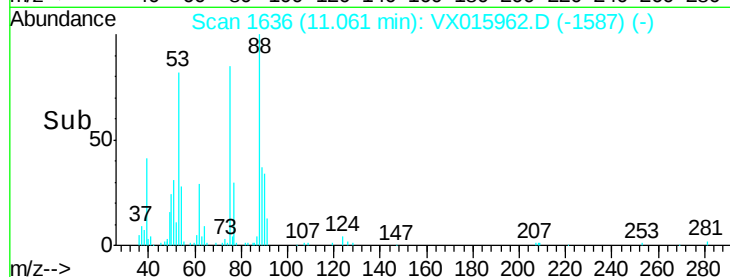
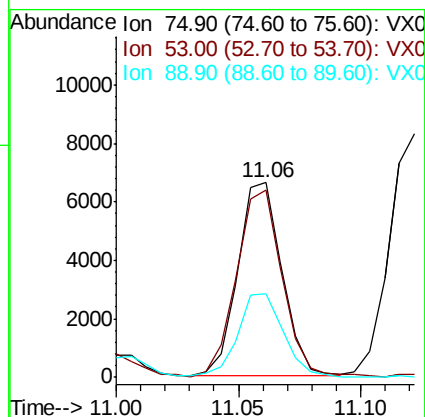
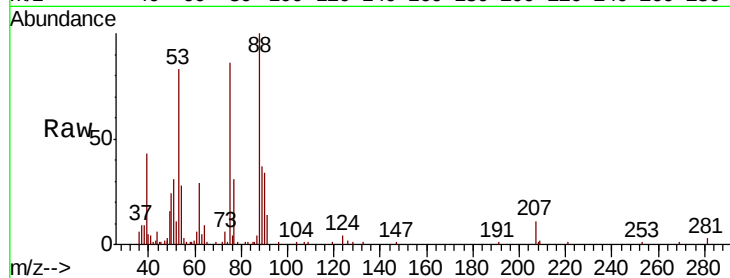
Tot Ion: 75 Resp: 8275

Ion Ratio Lower Upper

75 100

53 101.4 78.3 117.5

89 45.1 37.2 55.8



#82

4-Chlorotoluene

Concen: 4.916 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015962.D

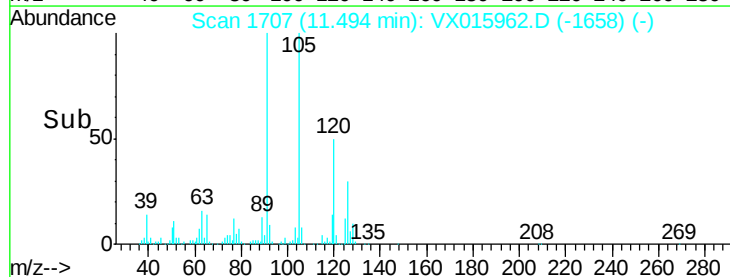
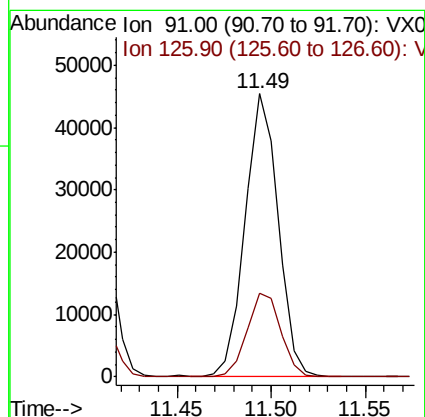
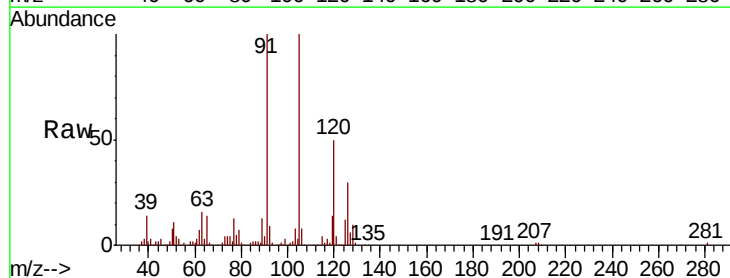
Acq: 28 Apr 2020 15:24

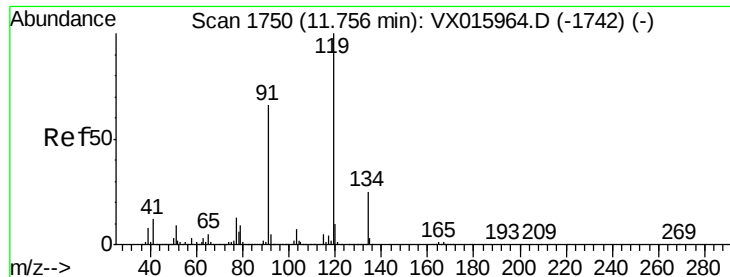
Tgt Ion: 91 Resp: 54911

Ion Ratio Lower Upper

91 100

126 30.6 14.8 44.3

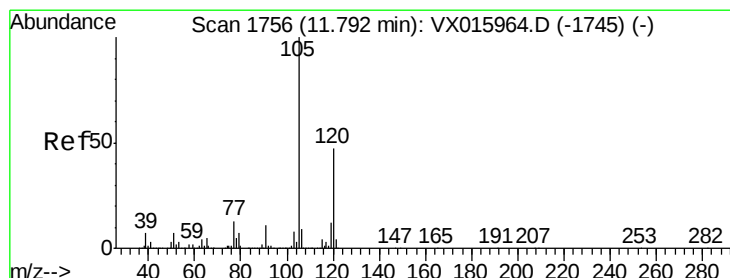
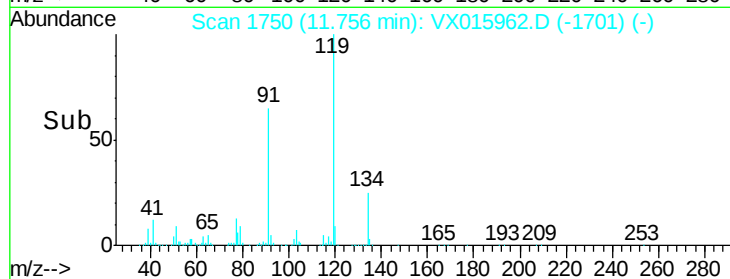
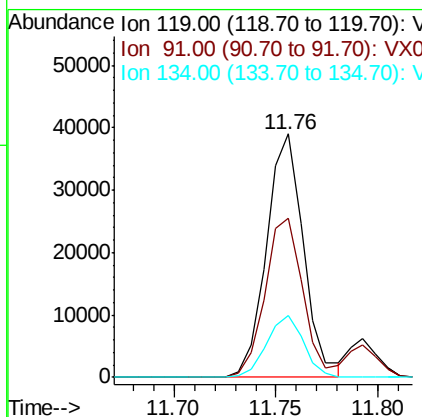
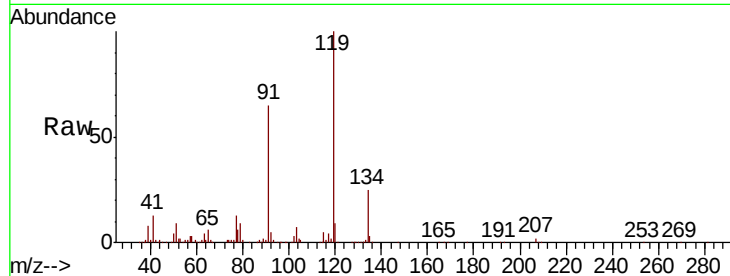




#83
tert-Butylbenzene
Concen: 5.003 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

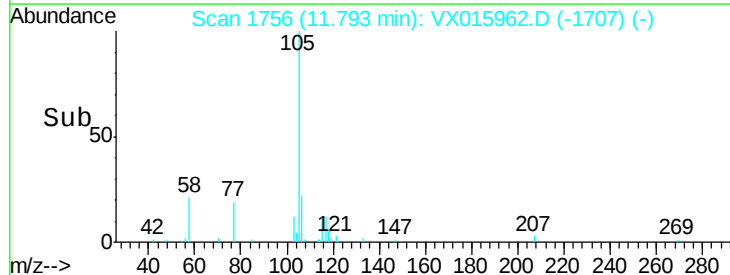
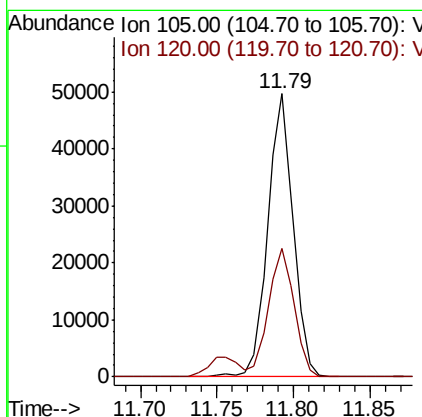
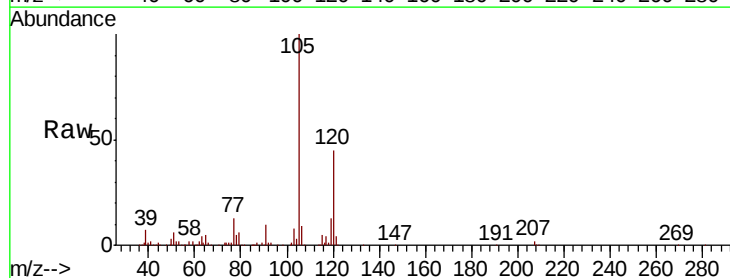
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

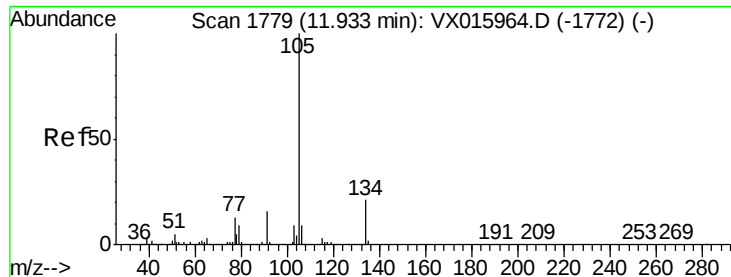
Tot Ion	Ratio	Lower	Upper
119	100		
91	66.1	33.5	100.4
134	24.9	12.4	37.2



#84
1,2,4-Trimethylbenzene
Concen: 4.998 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.9	68.8

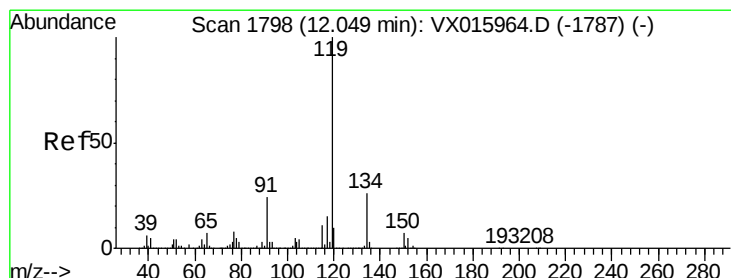
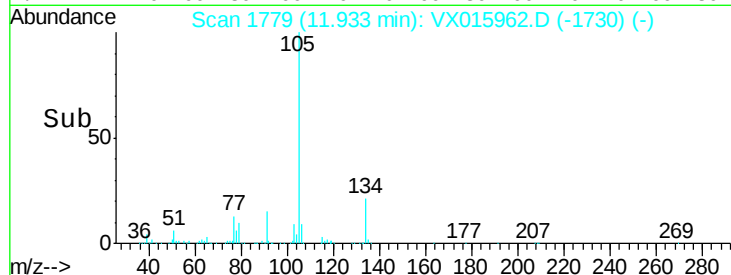
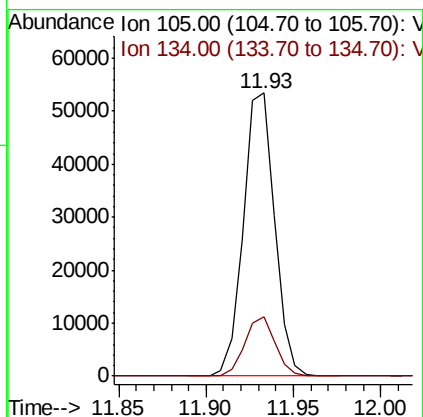
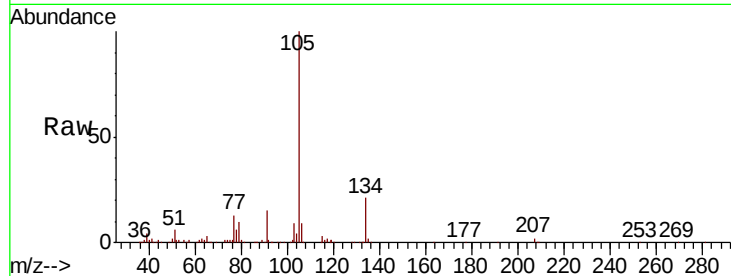




#85
 sec-Butylbenzene
 Concen: 4.997 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

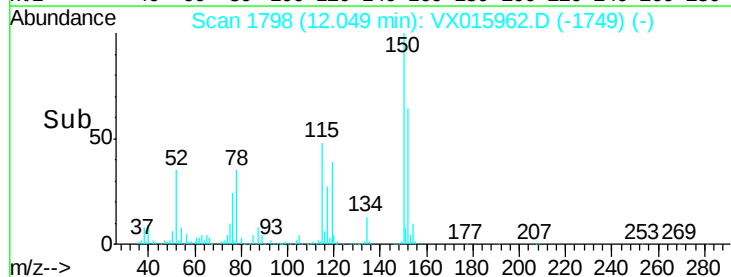
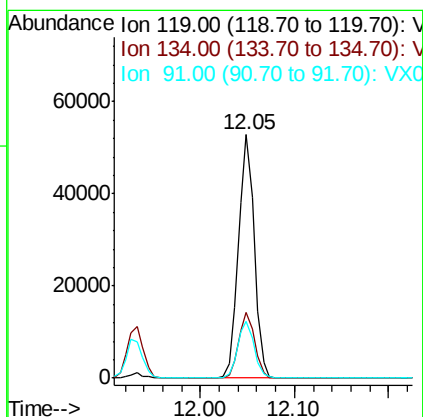
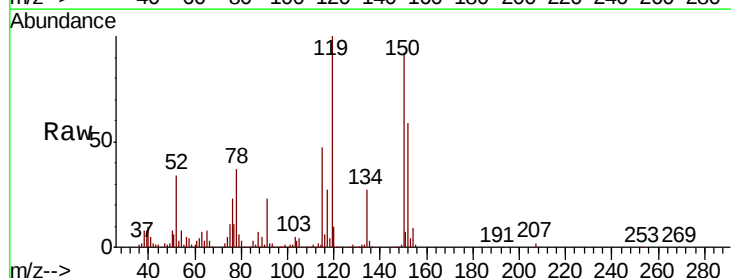
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

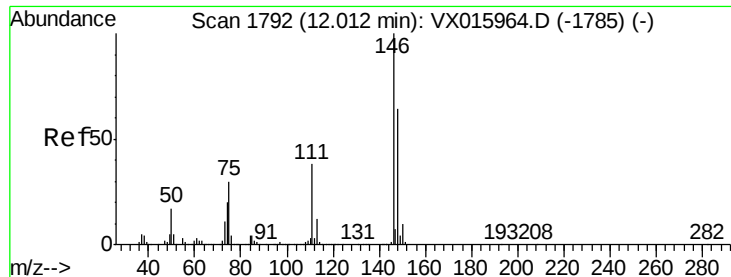
Tot Ion:105 Resp: 66624
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 4.969 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Tgt Ion:119 Resp: 62054
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.0 39.0
 91 24.2 11.9 35.9

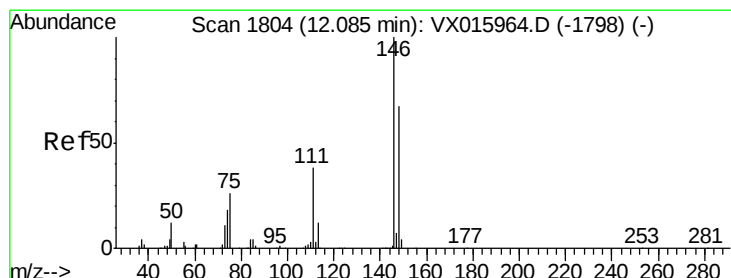
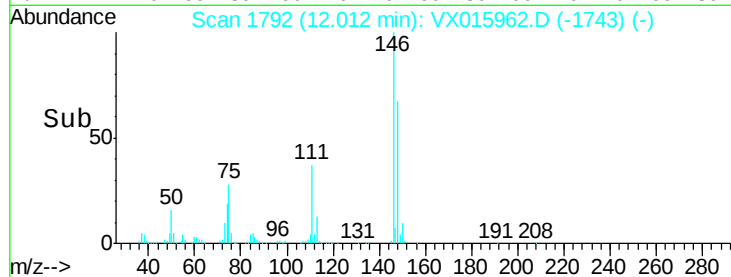
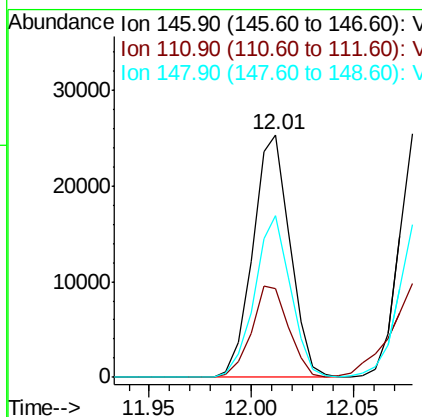
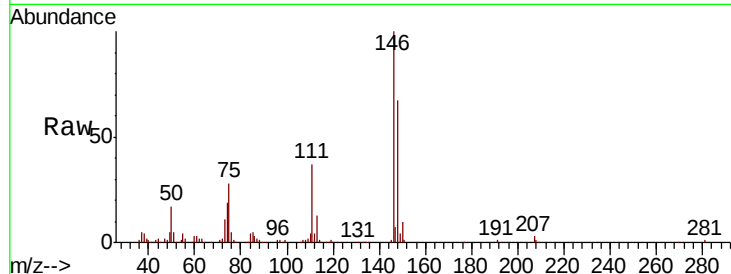




#87
 1,3-Dichlorobenzene
 Concen: 5.021 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

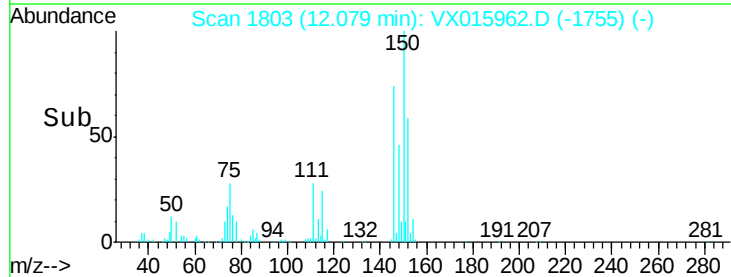
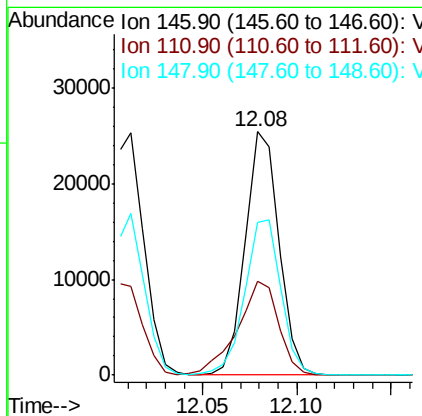
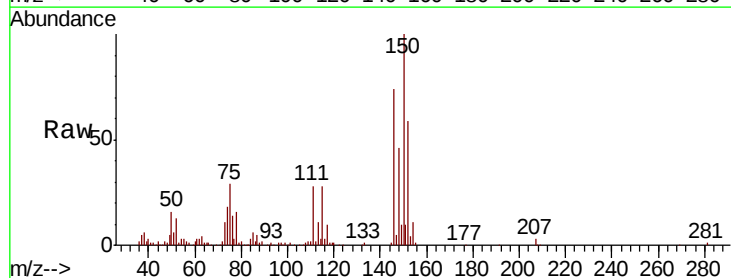
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

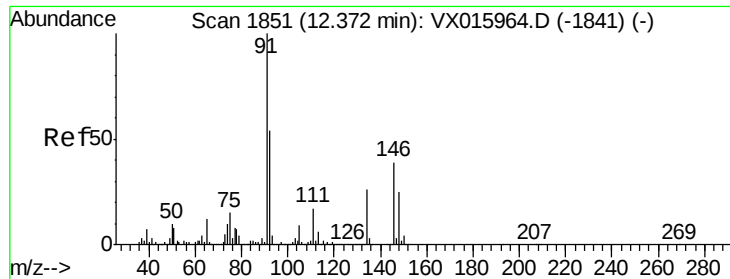
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.6	58.8
148	64.6	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 4.916 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.8	19.7	59.0
148	68.1	32.8	98.4

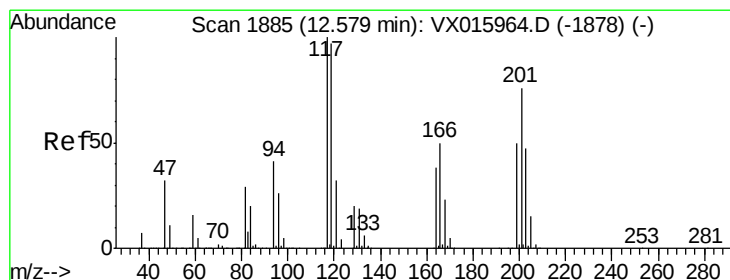
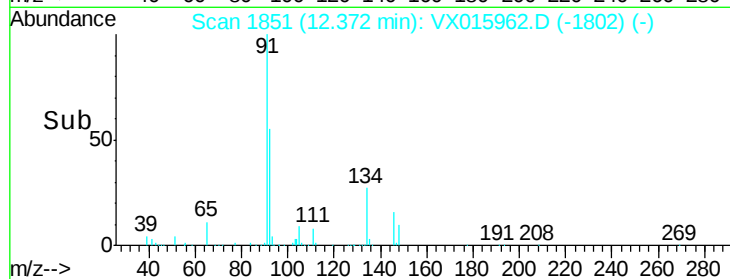
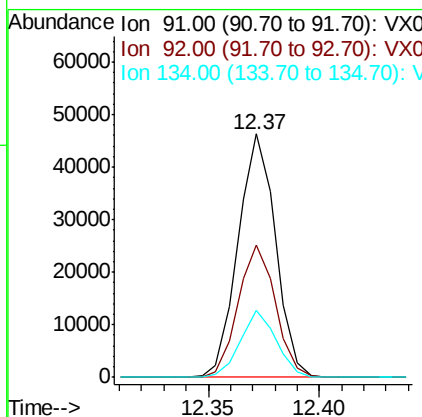
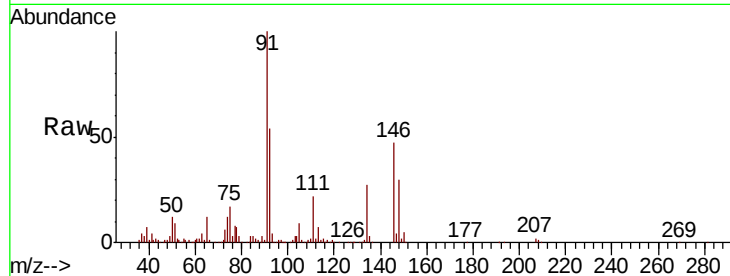




#89
n-Butylbenzene
Concen: 4.820 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

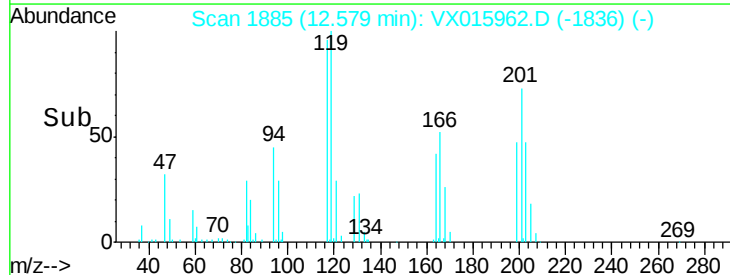
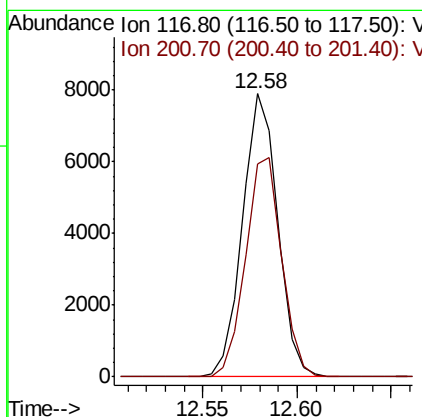
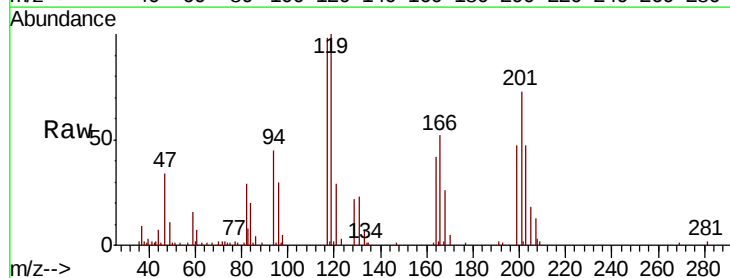
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

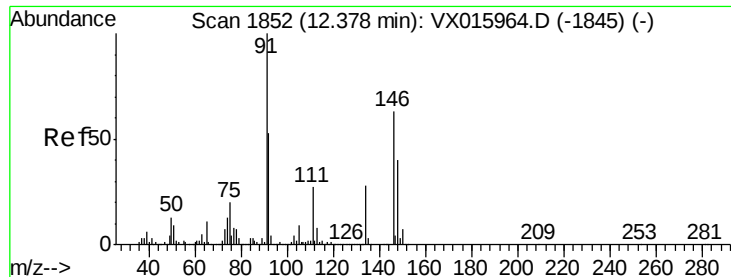
Tot Ion: 91 Resp: 54398
Ion Ratio Lower Upper
91 100
92 54.3 27.1 81.3
134 26.2 13.3 39.8



#90
Hexachloroethane
Concen: 4.630 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion: 117 Resp: 10217
Ion Ratio Lower Upper
117 100
201 79.5 40.3 120.8





#91

1,2-Dichlorobenzene

Concen: 5.010 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

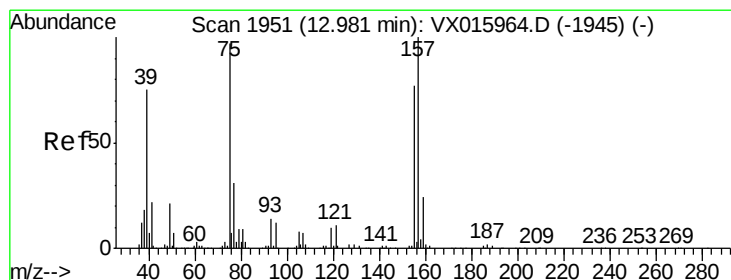
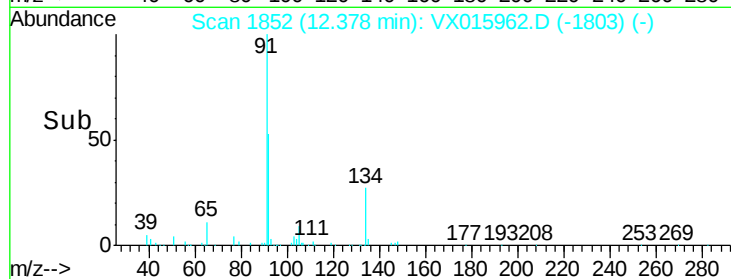
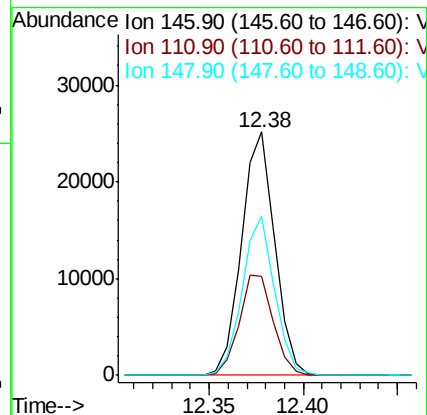
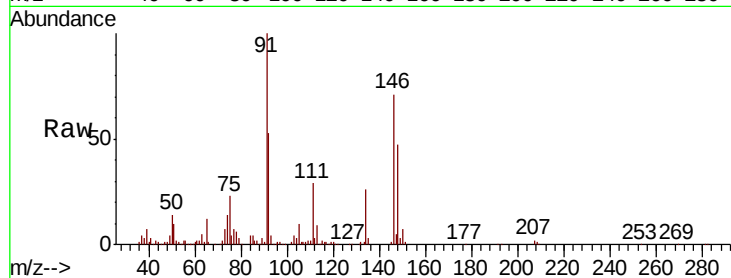
Tot Ion:146 Resp: 30641

Ion Ratio Lower Upper

146 100

111 42.5 21.1 63.3

148 63.6 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.784 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

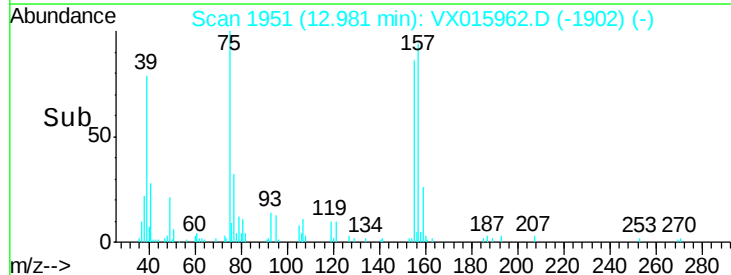
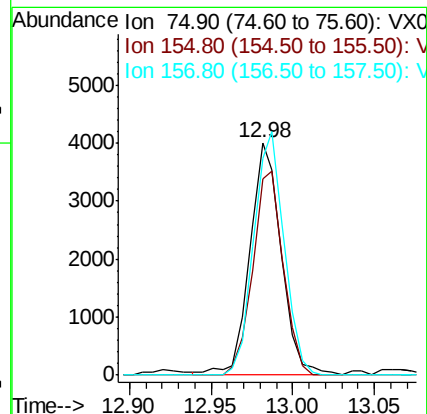
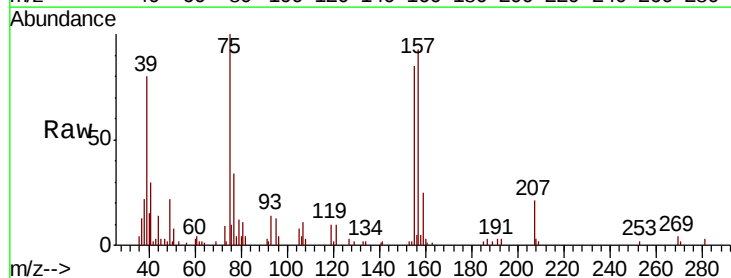
Tgt Ion: 75 Resp: 5382

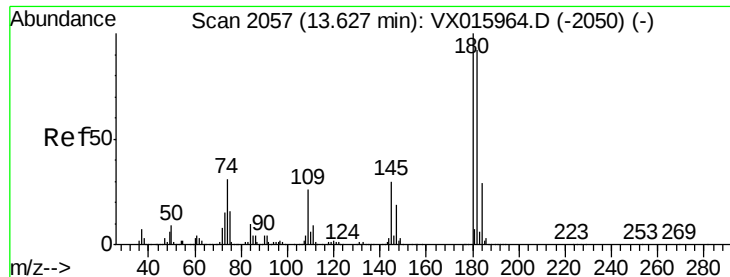
Ion Ratio Lower Upper

75 100

155 84.9 42.5 127.6

157 100.9 56.0 168.2

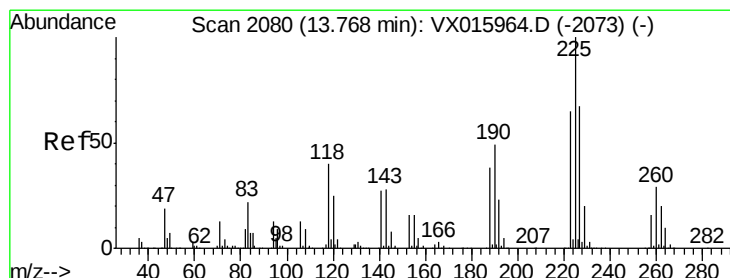
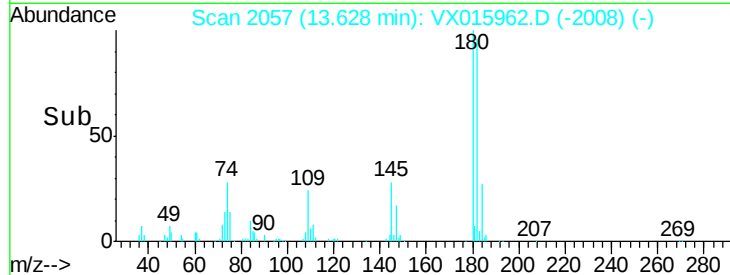
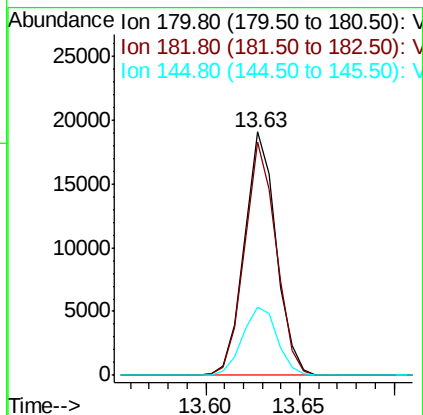
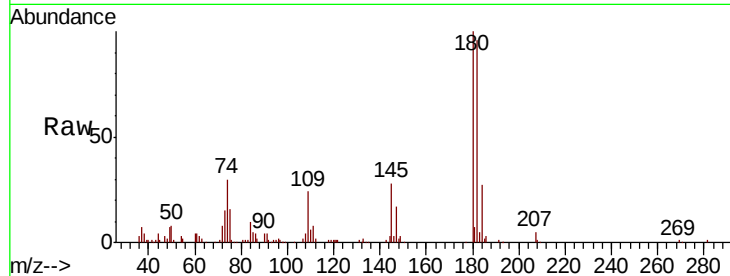




#93
 1,2,4-Trichlorobenzene
 Concen: 4.861 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

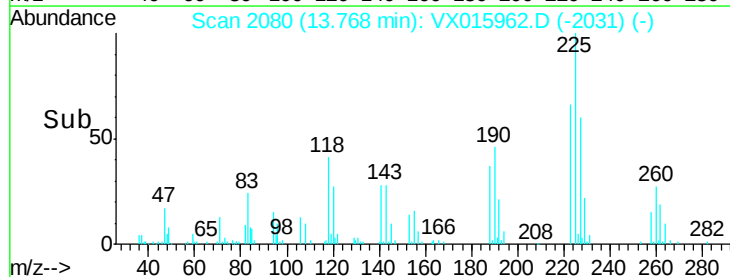
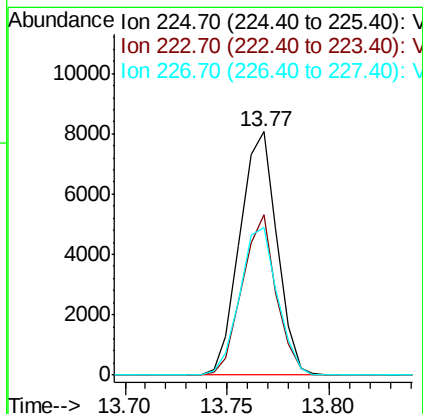
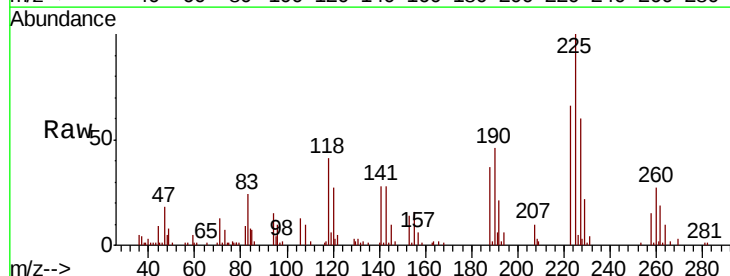
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

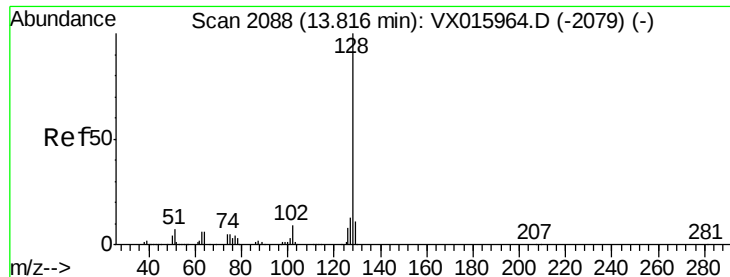
Tot Ion:180 Resp: 22316
 Ion Ratio Lower Upper
 180 100
 182 95.3 46.9 140.6
 145 30.5 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 4.979 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Tgt Ion:225 Resp: 10212
 Ion Ratio Lower Upper
 225 100
 223 60.3 32.0 96.0
 227 61.1 33.0 99.0





#95

Naphthalene

Concen: 4.800 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

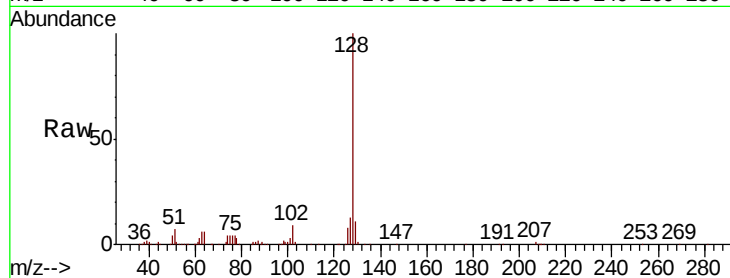
Tot Ion:128 Resp: 69490

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

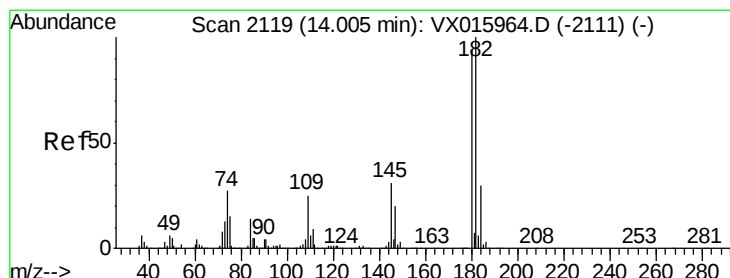
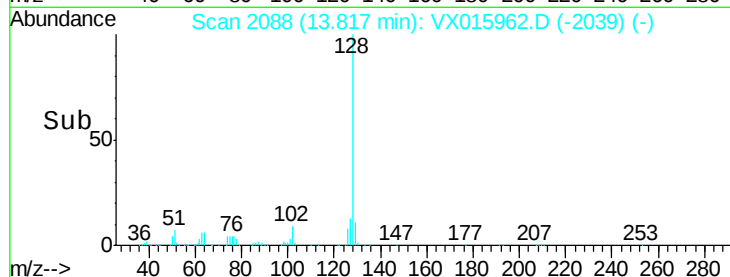
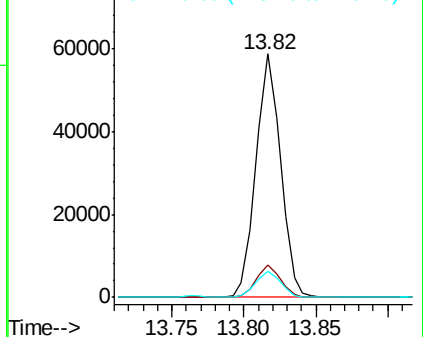
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.919 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

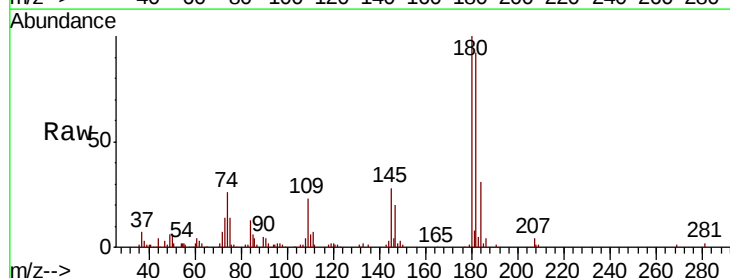
Tgt Ion:180 Resp: 21745

Ion Ratio Lower Upper

180 100

182 93.8 48.7 146.1

145 31.4 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

