

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091619\
 Data File : VX012403.D
 Acq On : 16 Sep 2019 12:47
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 17 04:18:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 04:04:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	121044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	191264	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	180517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101476	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	14414	9.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.48%	
35) Dibromofluoromethane	5.49	113	11096	8.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	16.30%	
50) Toluene-d8	8.71	98	34799	7.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	14.60%	
62) 4-Bromofluorobenzene	11.14	95	15896	8.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	16.62%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	4071	3.625 ug/l	97
3) Chloromethane	1.32	50	3863	3.887 ug/l #	88
4) Vinyl Chloride	1.40	62	3831	3.806 ug/l	94
5) Bromomethane	1.63	94	2264	4.317 ug/l	93
6) Chloroethane	1.70	64	3455	5.823 ug/l	97
7) Trichlorofluoromethane	1.92	101	9194	5.565 ug/l	100
8) Diethyl Ether	2.18	74	4135	7.033 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	6692	6.381 ug/l	97
10) Methyl Iodide	2.50	142	5254	4.347 ug/l	94
11) Tert butyl alcohol	3.05	59	24053	75.784 ug/l	96
12) 1,1-Dichloroethene	2.36	96	5230	5.285 ug/l	98
13) Acrolein	2.28	56	8150	63.115 ug/l	95
14) Allyl chloride	2.72	41	11794	7.111 ug/l	99
15) Acrylonitrile	3.14	53	26527	41.832 ug/l	99
16) Acetone	2.44	43	32134	51.888 ug/l	94
17) Carbon Disulfide	2.56	76	5272	2.332 ug/l #	87
18) Methyl Acetate	2.76	43	12899	8.026 ug/l	100
19) Methyl tert-butyl Ether	3.19	73	30285	8.564 ug/l	96
20) Methylene Chloride	2.85	84	7680	6.660 ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	5441	5.165 ug/l	93
22) Diisopropyl ether	3.85	45	28482	8.425 ug/l	97
23) Vinyl Acetate	3.81	43	115356	40.996 ug/l	98
24) 1,1-Dichloroethane	3.69	63	14373	7.576 ug/l	96
25) 2-Butanone	4.67	43	43141	47.653 ug/l	99
26) 2,2-Dichloropropane	4.58	77	13869	8.319 ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	8124	6.379 ug/l	86
28) Bromochloromethane	5.01	49	7261	8.272 ug/l	99
29) Tetrahydrofuran	5.12	42	24191	42.969 ug/l	98
30) Chloroform	5.20	83	16400	7.857 ug/l	95
31) Cyclohexane	5.57	56	7619	4.937 ug/l #	83
32) 1,1,1-Trichloroethane	5.49	97	13770	7.649 ug/l	98
36) 1,1-Dichloropropene	5.79	75	8468	5.452 ug/l	99
37) Ethyl Acetate	4.82	43	14252	7.963 ug/l	95
38) Carbon Tetrachloride	5.78	117	10353	5.727 ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091619\
 Data File : VX012403.D
 Acq On : 16 Sep 2019 12:47
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 17 04:18:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 04:04:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	7544	4.092	ug/l	94
40) Benzene	6.14	78	27421	5.638	ug/l	97
41) Methacrylonitrile	5.03	41	7745	7.318	ug/l #	90
42) 1,2-Dichloroethane	6.18	62	13070	7.060	ug/l	97
43) Isopropyl Acetate	6.44	43	24212	8.220	ug/l	98
44) Trichloroethene	7.21	130	7203	4.947	ug/l	89
45) 1,2-Dichloropropane	7.51	63	8243	6.558	ug/l	97
46) Dibromomethane	7.65	93	5656	6.206	ug/l	94
47) Bromodichloromethane	7.89	83	12243	7.103	ug/l	99
48) Methyl methacrylate	7.76	41	10388	7.207	ug/l	97
49) 1,4-Dioxane	7.74	88	5705	145.814	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	79409	40.876	ug/l	100
52) Toluene	8.78	92	17315	5.516	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	12009	6.667	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	12792	6.598	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	9576	7.058	ug/l	98
56) Ethyl methacrylate	9.17	69	14052	7.184	ug/l	100
57) 1,3-Dichloropropane	9.37	76	15283	6.894	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	38395	37.014	ug/l	98
59) 2-Hexanone	9.49	43	60505	40.728	ug/l	99
60) Dibromochloromethane	9.57	129	9093	6.176	ug/l	99
61) 1,2-Dibromoethane	9.67	107	8683	6.133	ug/l	98
64) Tetrachloroethene	9.33	164	6084	4.357	ug/l	97
65) Chlorobenzene	10.14	112	21325	5.773	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	9008	6.368	ug/l	99
67) Ethyl Benzene	10.25	91	35912	5.837	ug/l	98
68) m/p-Xylenes	10.35	106	26133	11.153	ug/l	99
69) o-Xylene	10.70	106	13269	5.694	ug/l	97
70) Styrene	10.71	104	23187	5.875	ug/l	99
71) Bromoform	10.85	173	6289	5.267	ug/l #	99
73) Isopropylbenzene	11.01	105	37292	5.865	ug/l	98
74) N-amyl acetate	10.89	43	19967	7.548	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	16077	7.316	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	17806	9.065	ug/l	91
77) Bromobenzene	11.25	156	9778	5.336	ug/l	98
78) n-propylbenzene	11.35	91	40430	5.909	ug/l	98
79) 2-Chlorotoluene	11.42	91	26763	6.236	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	33434	6.267	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	4351	6.620	ug/l	93
82) 4-Chlorotoluene	11.51	91	31777	6.395	ug/l	99
83) tert-Butylbenzene	11.77	119	34440	6.467	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	33125	6.134	ug/l	97
85) sec-Butylbenzene	11.94	105	38818	6.367	ug/l	99
86) p-Isopropyltoluene	12.06	119	34142	5.893	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	17929	5.646	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	17793	5.509	ug/l	90
89) n-Butylbenzene	12.39	91	29580	6.078	ug/l	99
90) Hexachloroethane	12.59	117	6456	6.860	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	19017	5.883	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	4022	7.644	ug/l	94

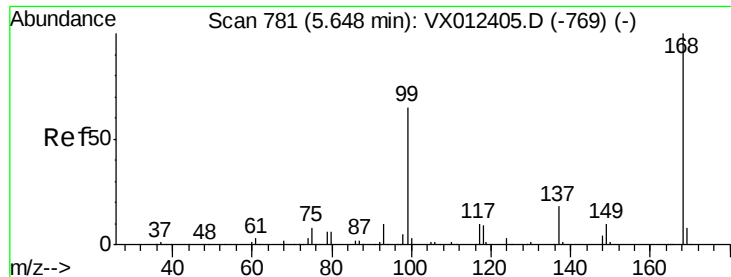
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091619\
Data File : VX012403.D
Acq On : 16 Sep 2019 12:47
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Sep 17 04:18:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 04:04:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	11927	5.122	ug/l	99
94) Hexachlorobutadiene	13.78	225	6148	4.866	ug/l	96
95) Naphthalene	13.83	128	40804	6.024	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	12441	5.296	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

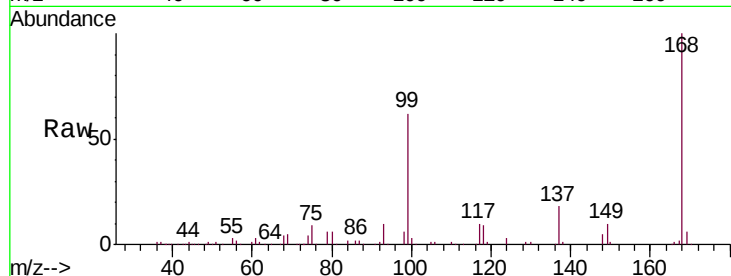
VSTDIC005

Tgt Ion:168 Resp: 121044

Ion Ratio Lower Upper

168 100

99 61.6 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

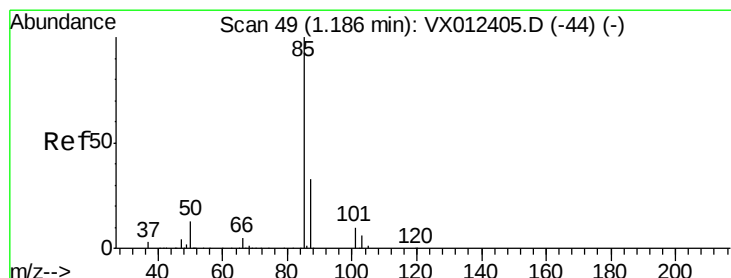
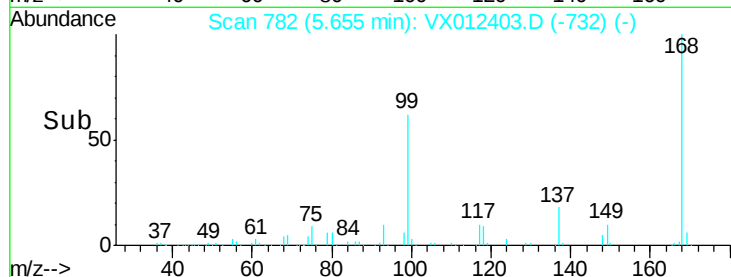
30000

20000

10000

0

Time--> 5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 3.625 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012403.D

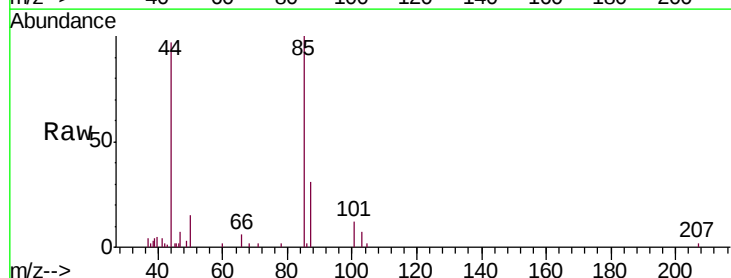
Acq: 16 Sep 2019 12:47

Tgt Ion: 85 Resp: 4071

Ion Ratio Lower Upper

85 100

87 30.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

4000

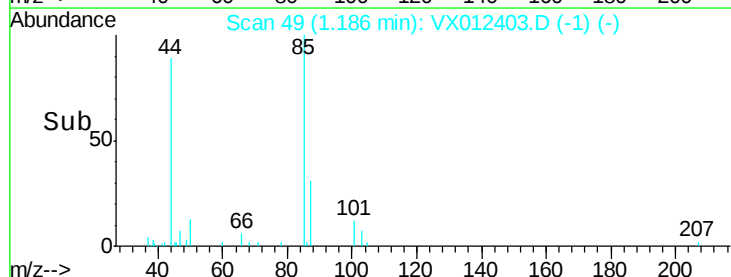
3000

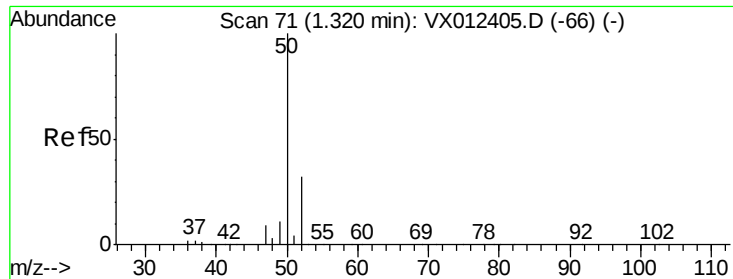
2000

1000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 3.887 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

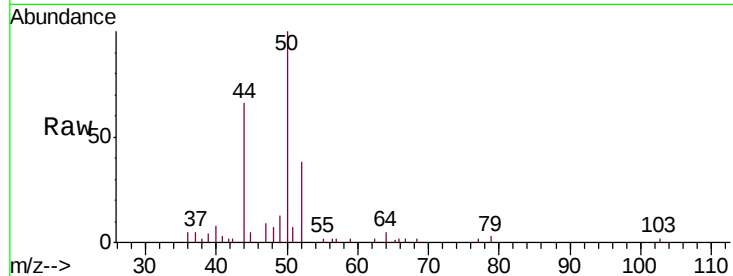
VSTDIC005

Tgt Ion: 50 Resp: 3863

Ion Ratio Lower Upper

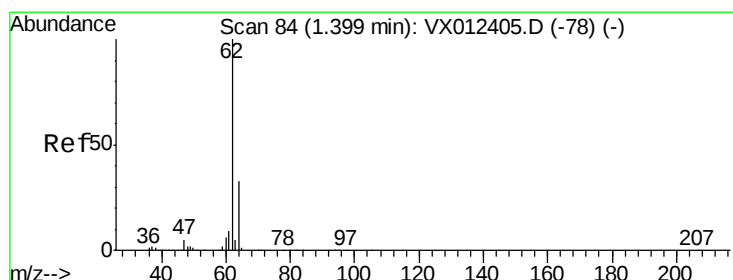
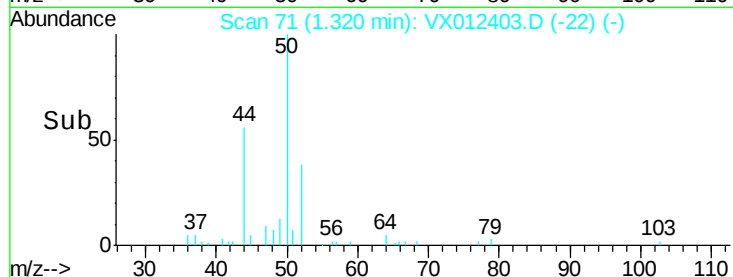
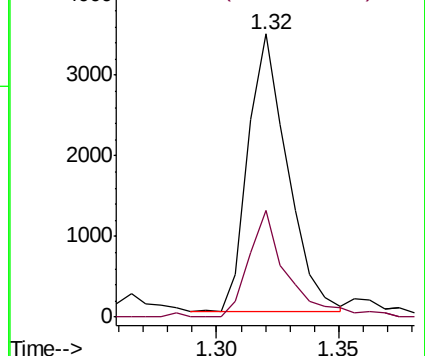
50 100

52 38.6 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 3.806 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012403.D

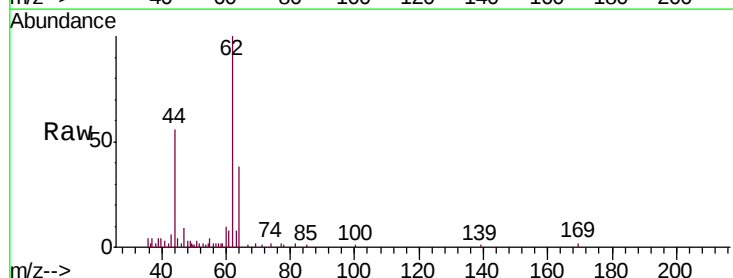
Acq: 16 Sep 2019 12:47

Tgt Ion: 62 Resp: 3831

Ion Ratio Lower Upper

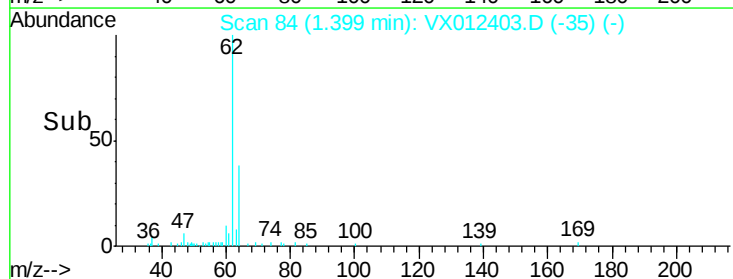
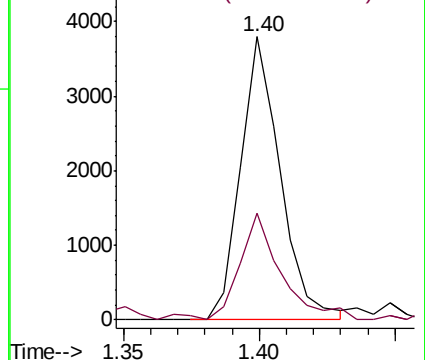
62 100

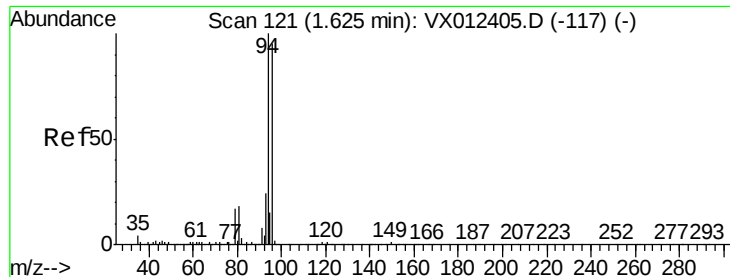
64 36.2 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 4.317 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

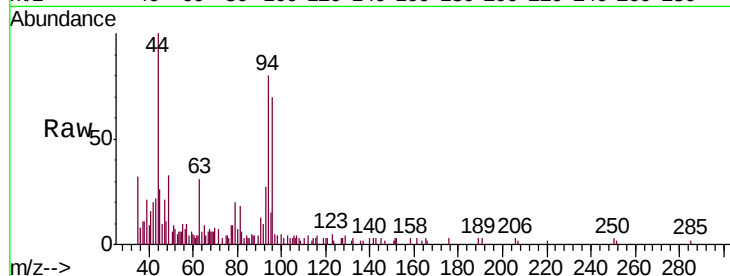
VSTDIC005

Tgt Ion: 94 Resp: 2264

Ion Ratio Lower Upper

94 100

96 87.9 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

2000

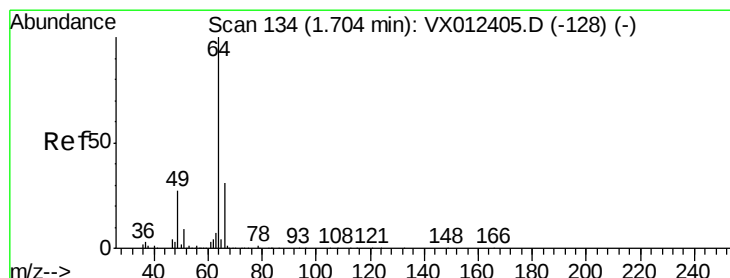
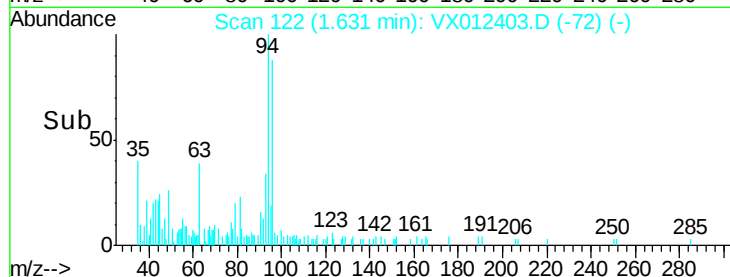
1500

1000

500

0

Time-->



#6

Chloroethane

Concen: 5.823 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX012403.D

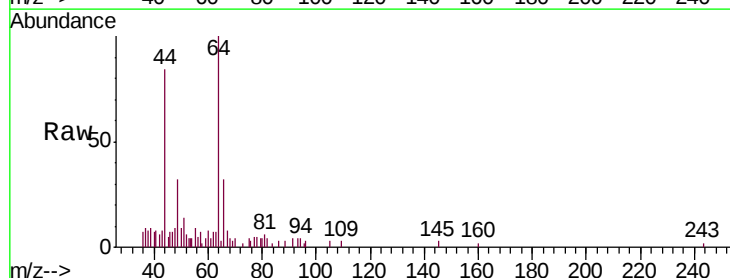
Acq: 16 Sep 2019 12:47

Tgt Ion: 64 Resp: 3455

Ion Ratio Lower Upper

64 100

66 29.5 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

2500

2000

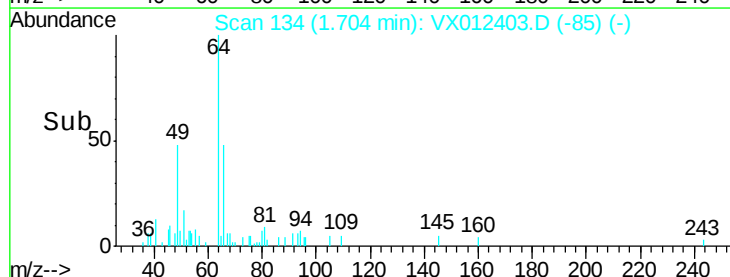
1500

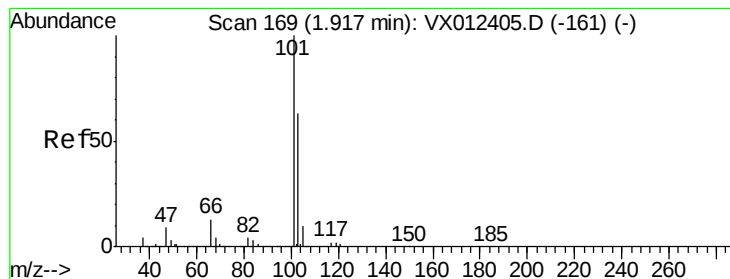
1000

500

0

Time-->



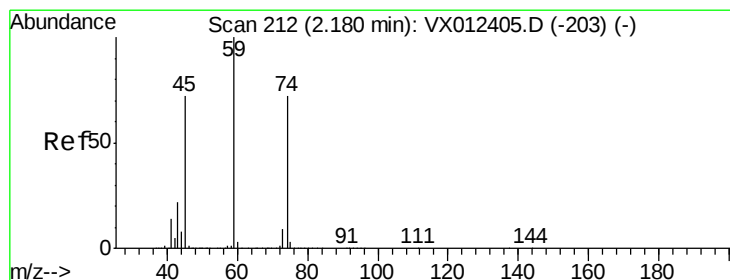
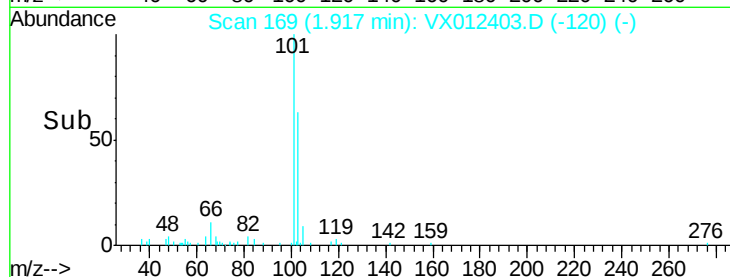
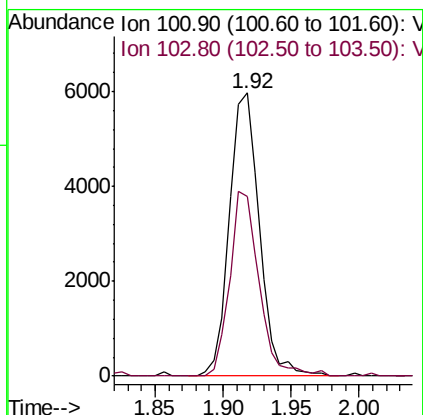
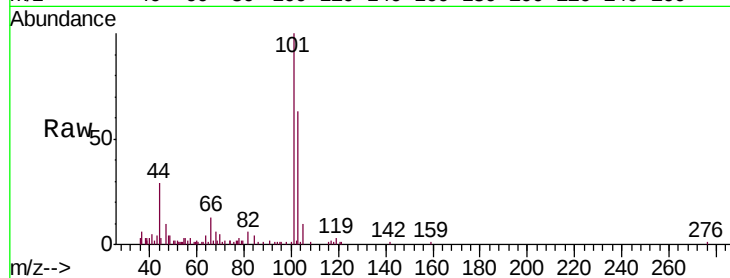


#7

Trichlorofluoromethane
 Concen: 5.565 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012403.D
 Acq: 16 Sep 2019 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

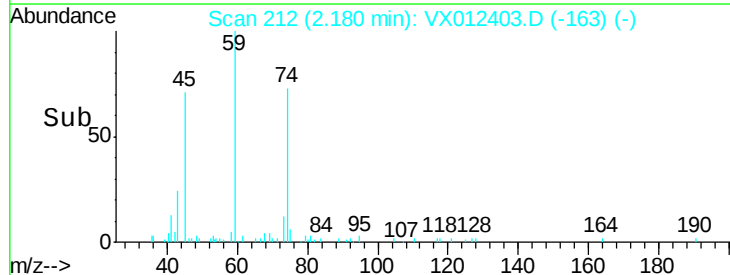
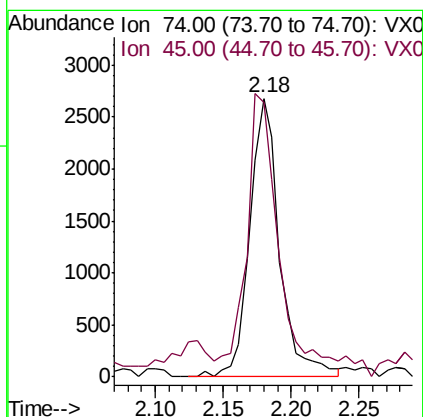
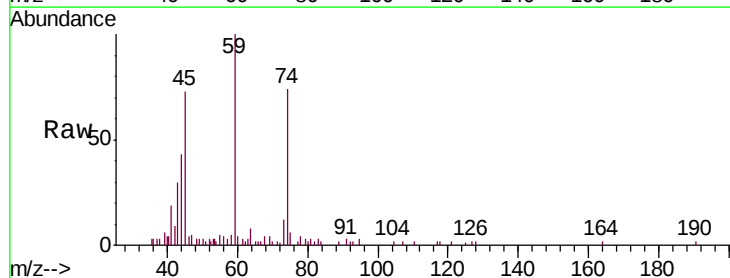
Tgt Ion: 101 Resp: 9194
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.5 75.7

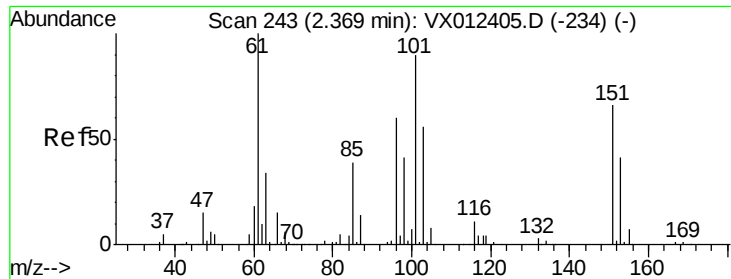


#8

Diethyl Ether
 Concen: 7.033 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012403.D
 Acq: 16 Sep 2019 12:47

Tgt Ion: 74 Resp: 4135
 Ion Ratio Lower Upper
 74 100
 45 100.5 50.6 151.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.381 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

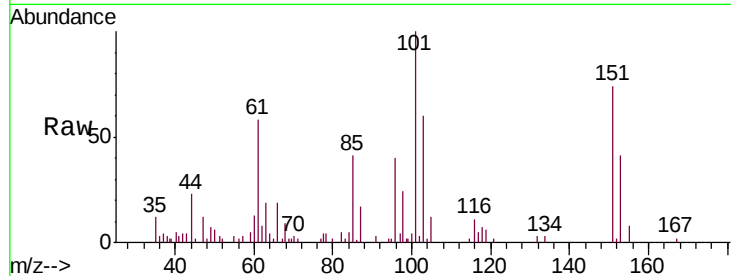
Tgt Ion:101 Resp: 6692

Ion Ratio Lower Upper

101 100

85 48.1 36.3 54.5

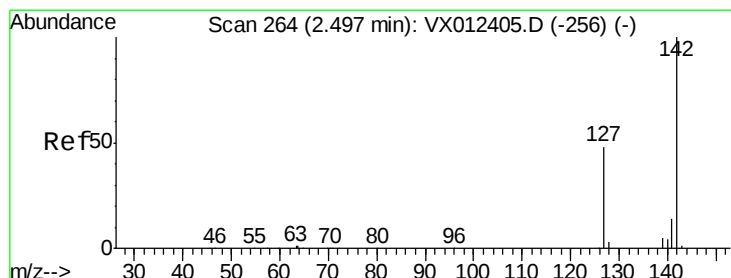
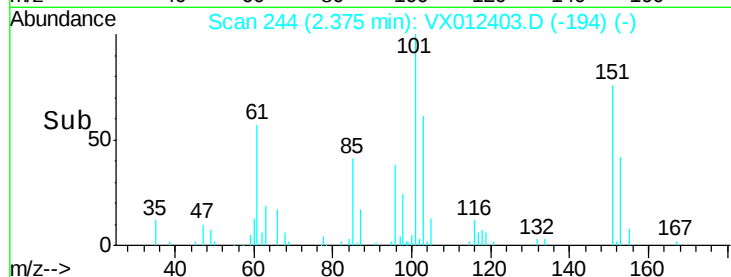
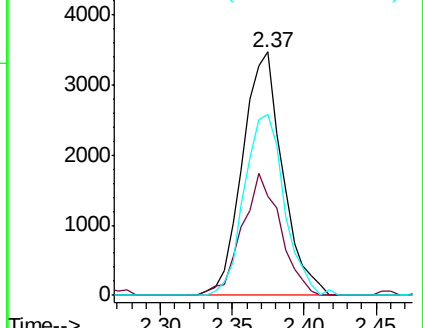
151 74.1 61.1 91.7



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: 4.347 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

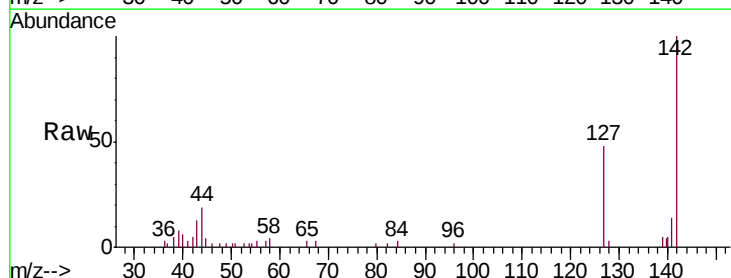
Tgt Ion:142 Resp: 5254

Ion Ratio Lower Upper

142 100

127 45.2 39.6 59.4

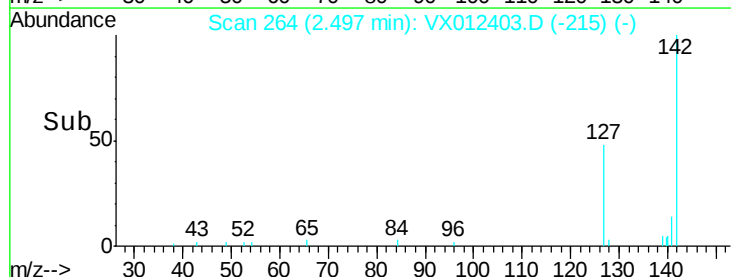
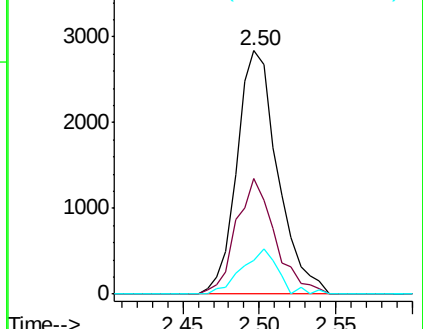
141 16.6 11.6 17.4

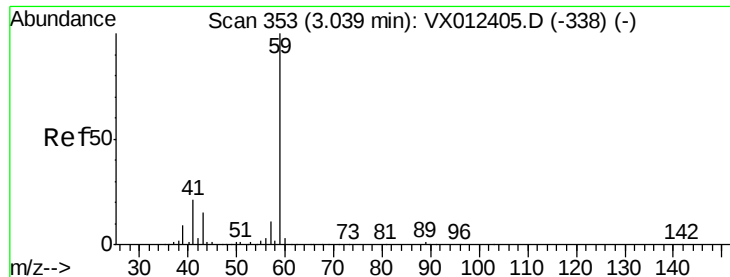


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

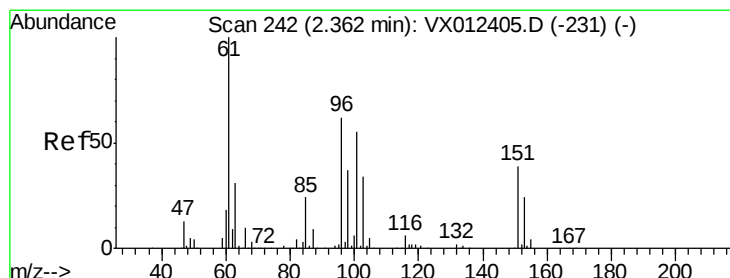
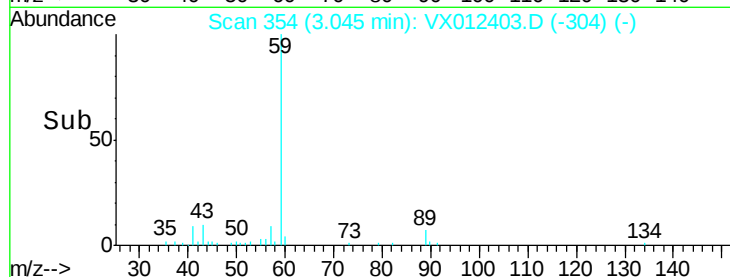
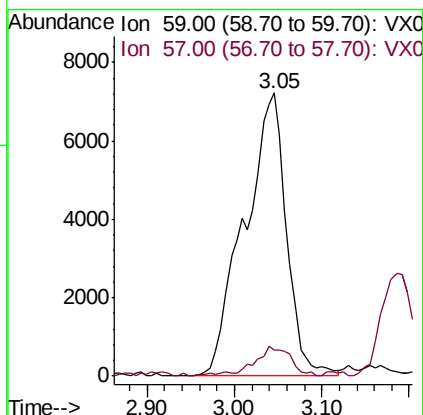
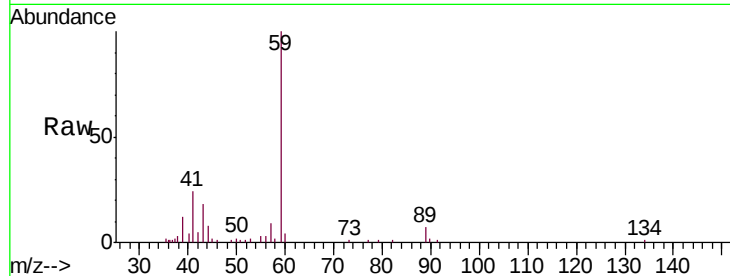




#11
Tert butyl alcohol
Concen: 75.784 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.01 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

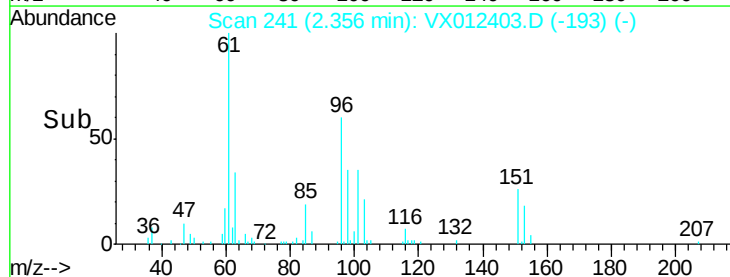
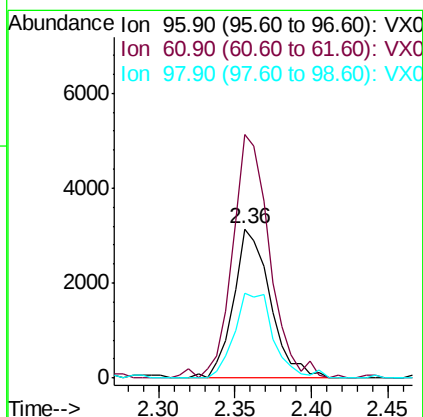
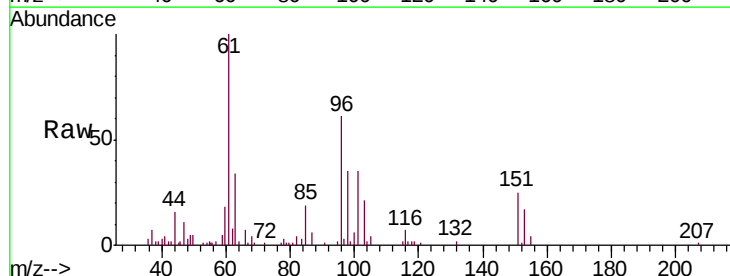
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

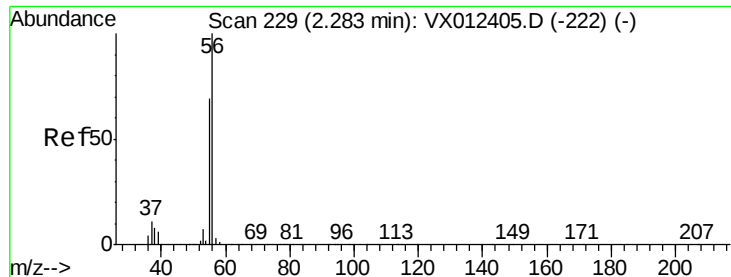
Tgt Ion: 59 Resp: 24053
Ion Ratio Lower Upper
59 100
57 9.3 8.6 12.8



#12
1,1-Dichloroethene
Concen: 5.285 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

Tgt Ion: 96 Resp: 5230
Ion Ratio Lower Upper
96 100
61 161.7 129.8 194.6
98 56.6 48.5 72.7





#13

Acrolein

Concen: 63.115 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

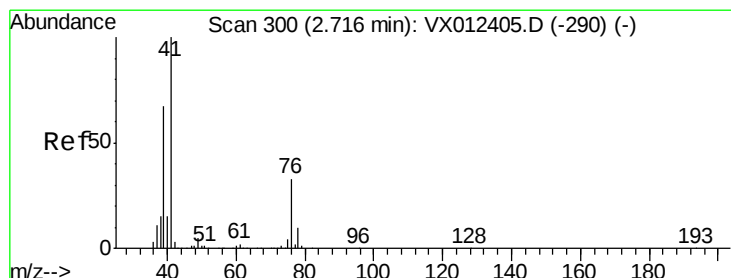
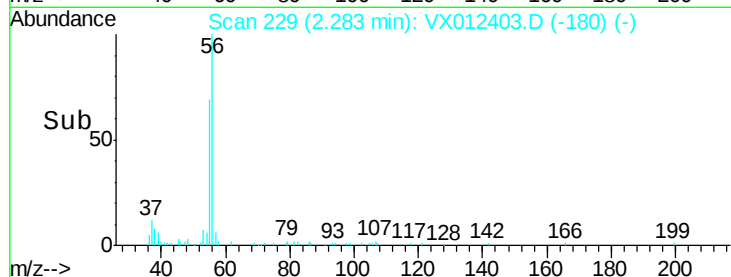
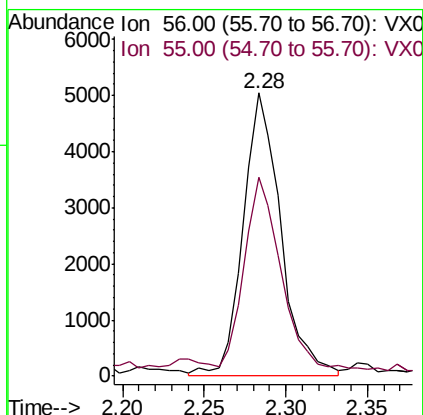
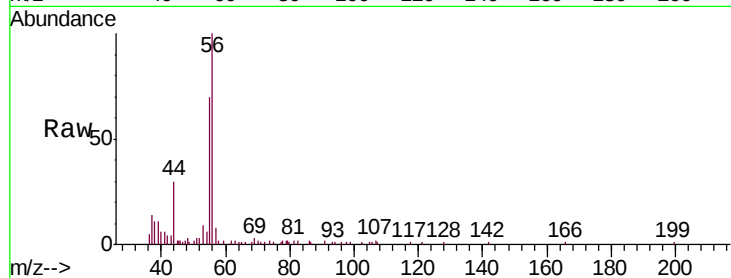
VSTDIC005

Tgt Ion: 56 Resp: 8150

Ion Ratio Lower Upper

56 100

55 65.6 56.1 84.1



#14

Allyl chloride

Concen: 7.111 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

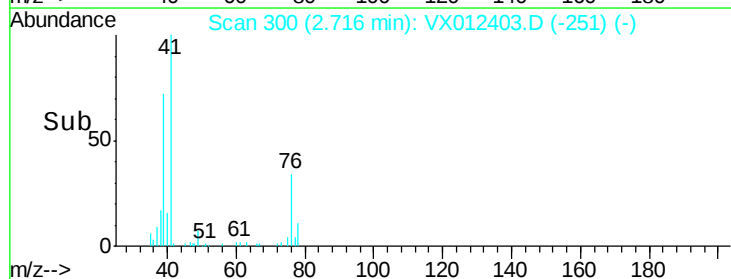
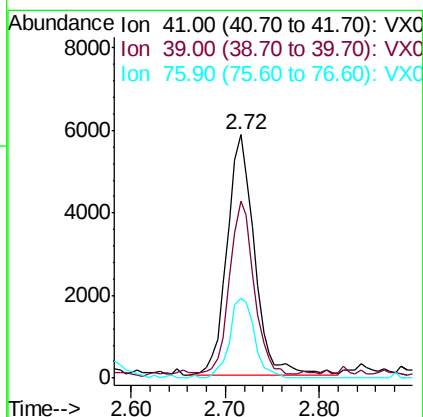
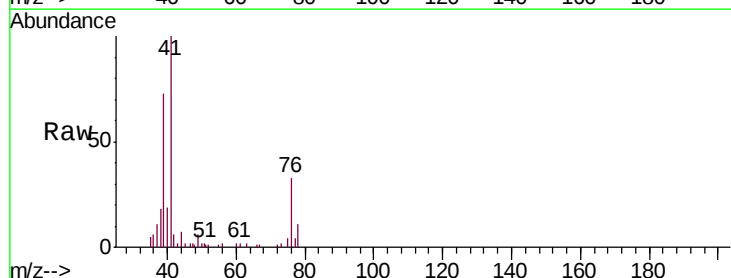
Tgt Ion: 41 Resp: 11794

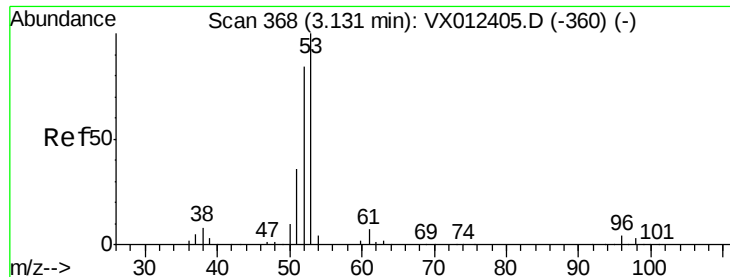
Ion Ratio Lower Upper

41 100

39 63.5 51.1 76.7

76 30.2 23.4 35.2





#15

Acrylonitrile

Concen: 41.832 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

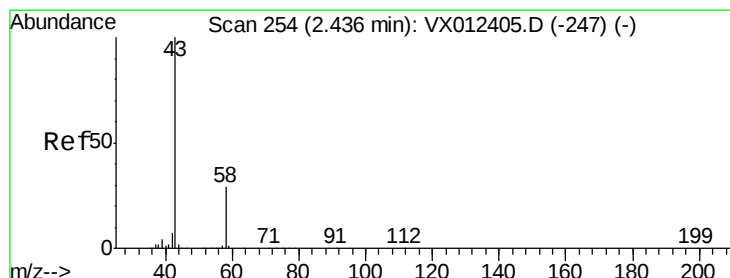
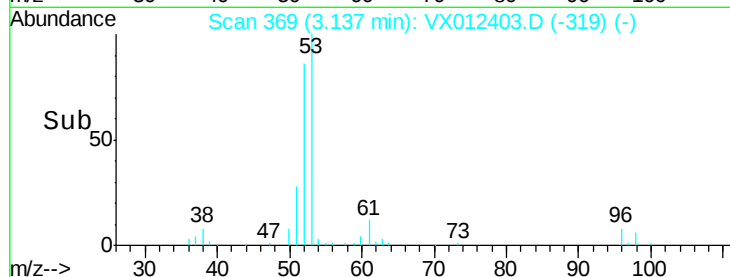
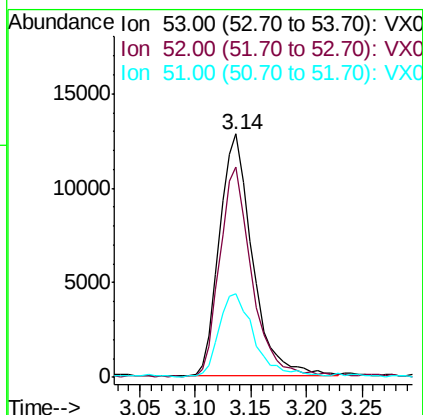
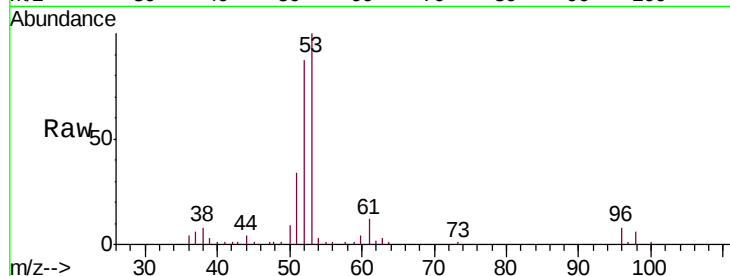
Tgt Ion: 53 Resp: 26527

Ion Ratio Lower Upper

53 100

52 85.1 67.4 101.2

51 37.7 29.8 44.6



#16

Acetone

Concen: 51.888 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX012403.D

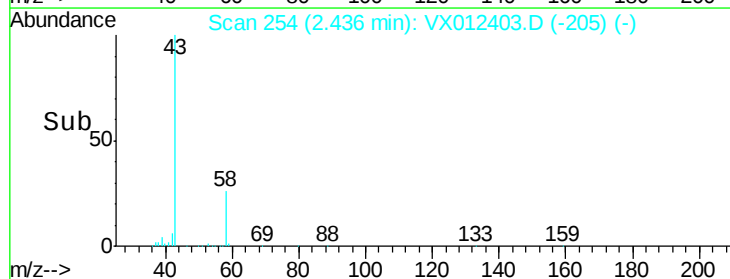
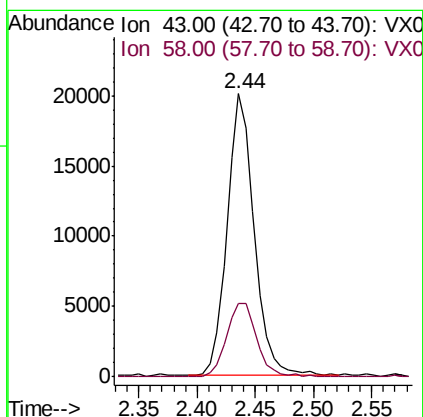
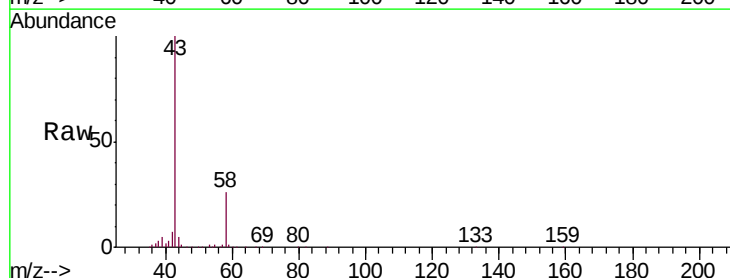
Acq: 16 Sep 2019 12:47

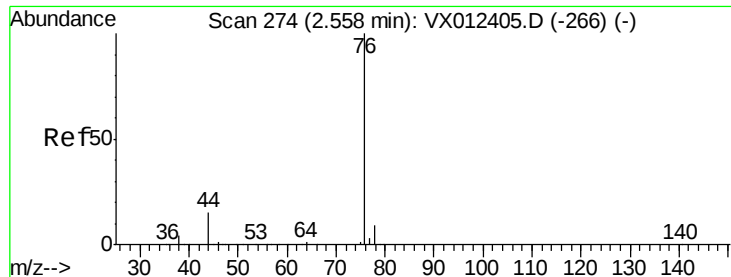
Tgt Ion: 43 Resp: 32134

Ion Ratio Lower Upper

43 100

58 26.0 23.5 35.3

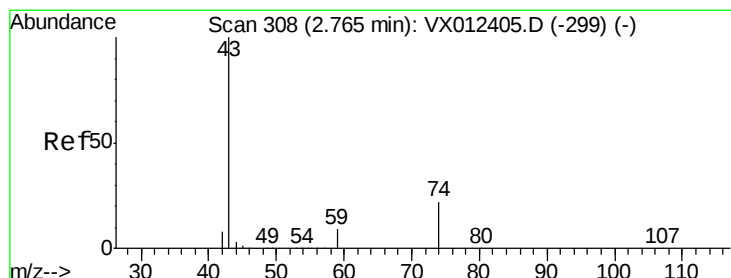
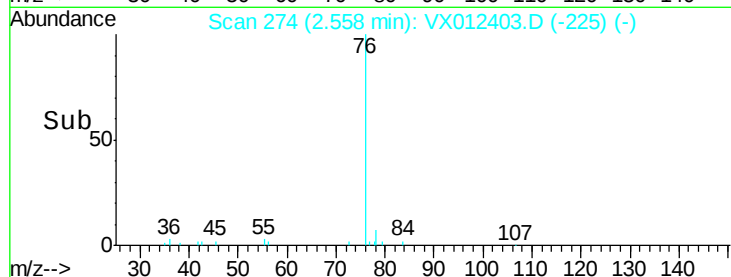
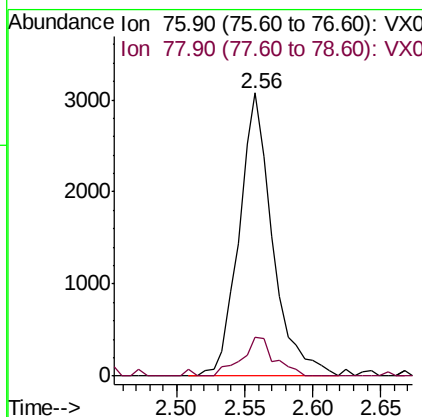
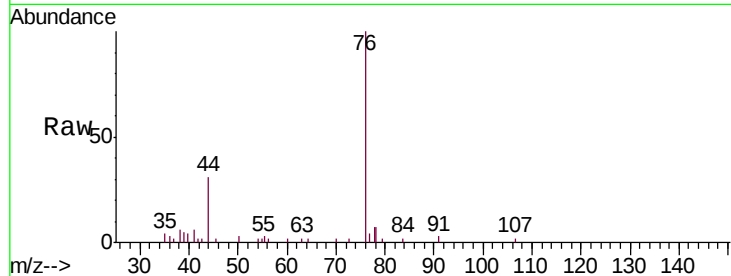




#17
Carbon Disulfide
Concen: 2.332 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

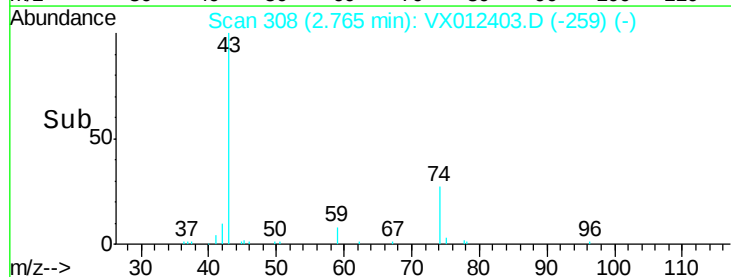
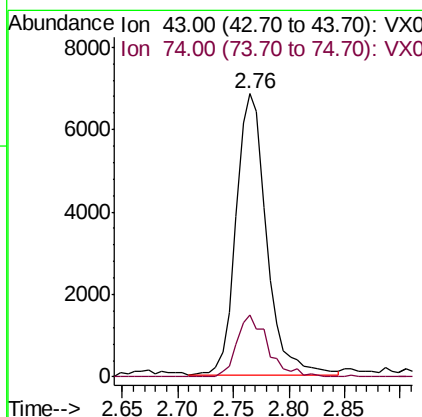
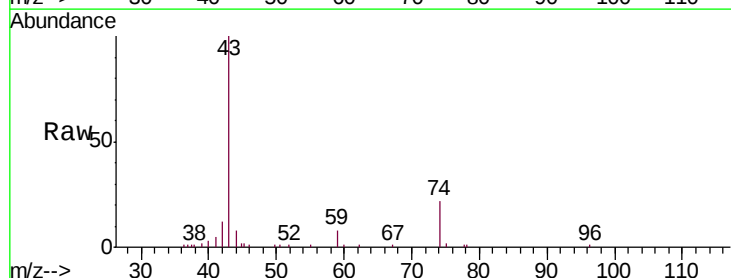
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

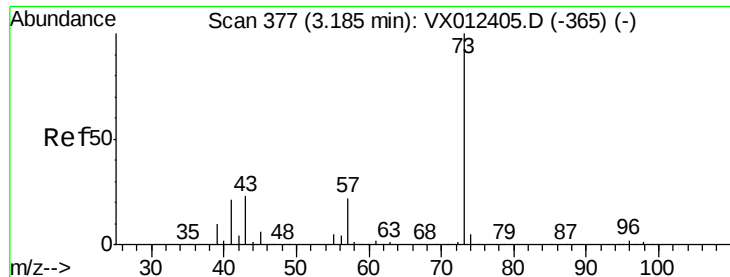
Tgt Ion: 76 Resp: 5272
Ion Ratio Lower Upper
76 100
78 13.7 7.1 10.7#



#18
Methyl Acetate
Concen: 8.026 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

Tgt Ion: 43 Resp: 12899
Ion Ratio Lower Upper
43 100
74 22.7 18.2 27.2

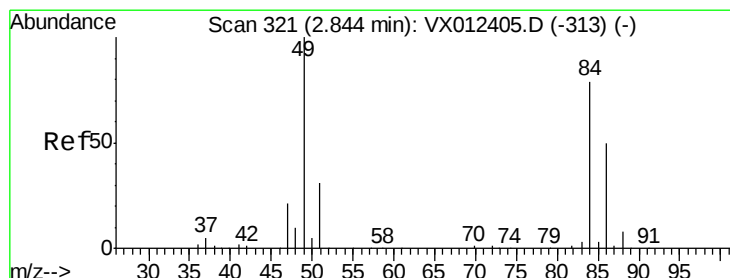
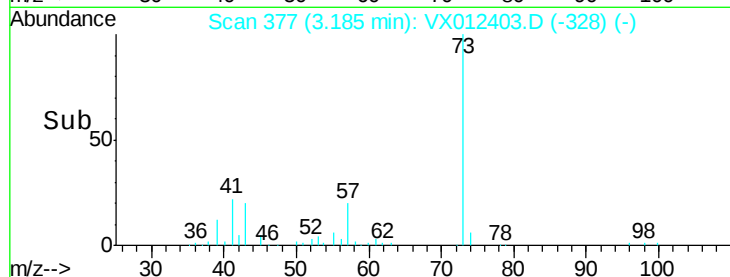
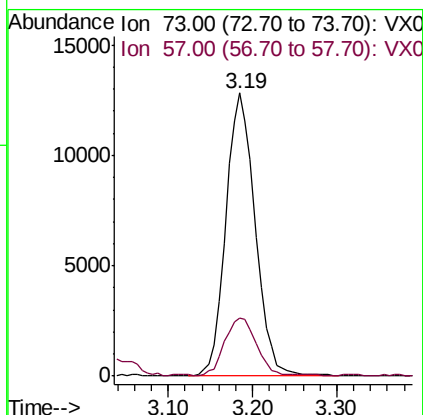
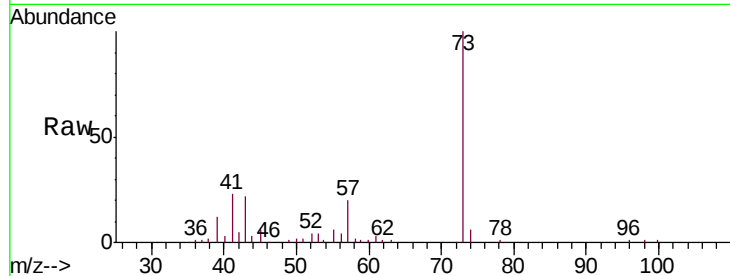




#19
Methyl tert-butyl Ether
Concen: 8.564 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

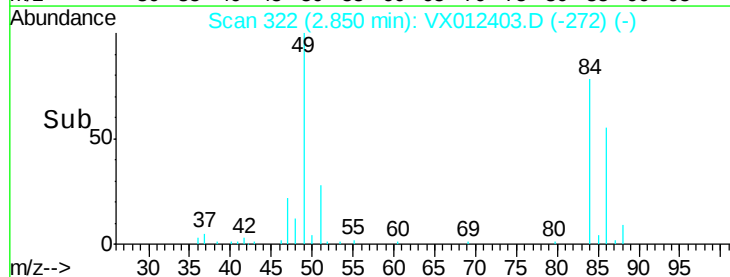
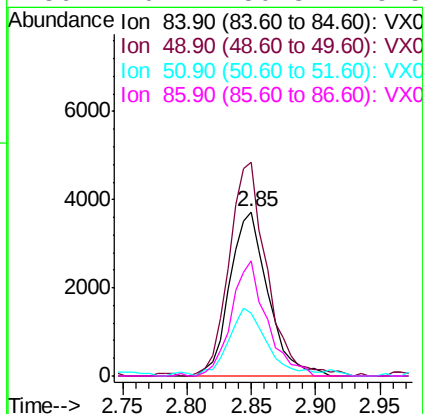
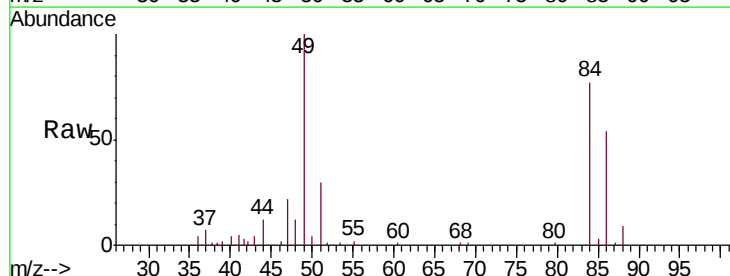
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

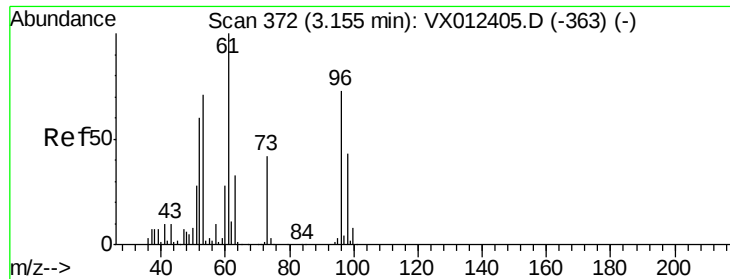
Tgt Ion: 73 Resp: 30285
Ion Ratio Lower Upper
73 100
57 20.3 17.8 26.6



#20
Methylene Chloride
Concen: 6.660 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

Tgt Ion: 84 Resp: 7680
Ion Ratio Lower Upper
84 100
49 130.1 101.7 152.5
51 37.1 31.2 46.8
86 70.4 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 5.165 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

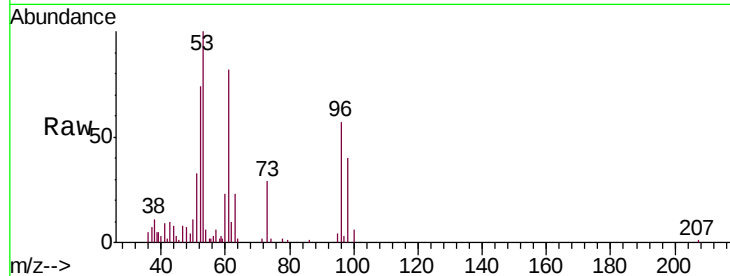
Tgt Ion: 96 Resp: 5441

Ion Ratio Lower Upper

96 100

61 141.5 109.7 164.5

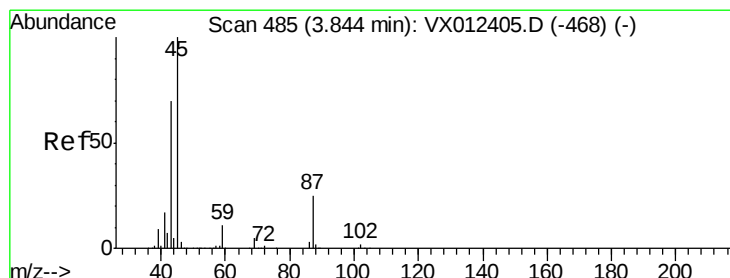
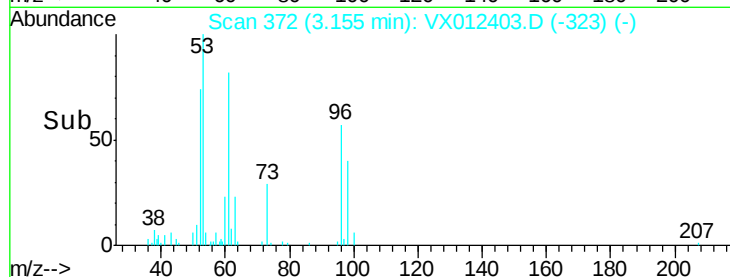
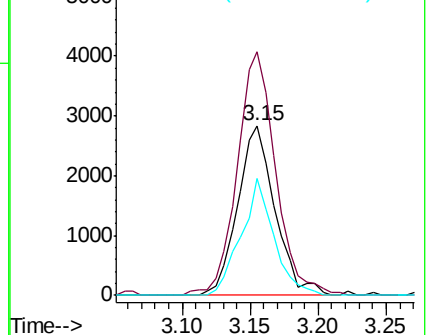
98 69.2 47.0 70.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 8.425 ug/l

RT: 3.85 min Scan# 486

Delta R.T. 0.01 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

Tgt Ion: 45 Resp: 28482

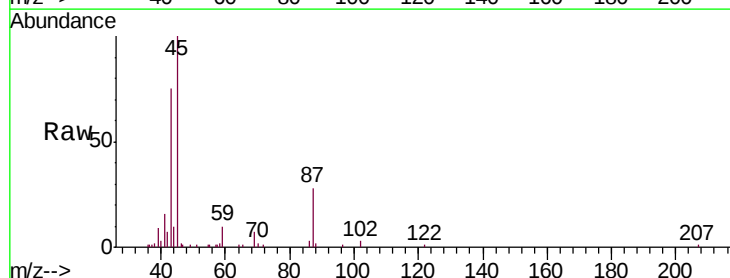
Ion Ratio Lower Upper

45 100

43 71.4 55.8 83.8

87 27.7 20.0 30.0

59 10.3 8.4 12.6

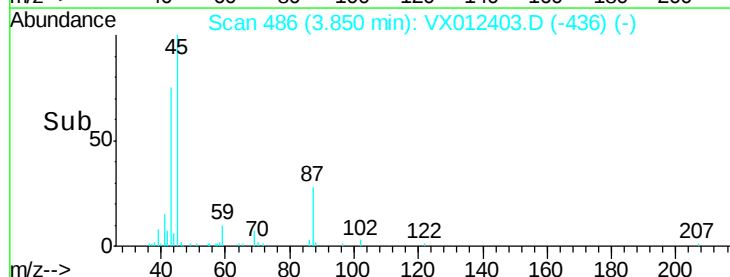
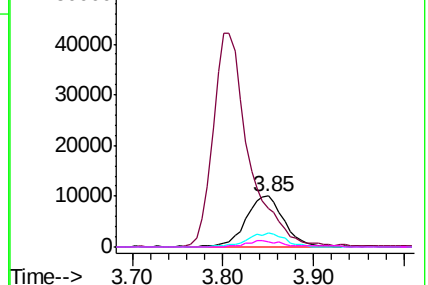


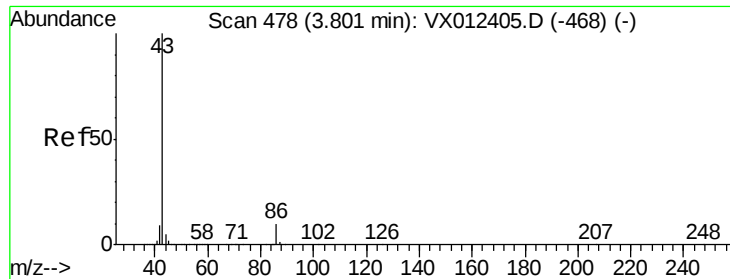
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 40.996 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

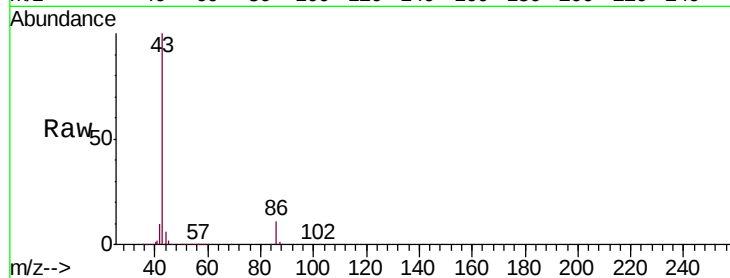
VSTDIC005

Tgt Ion: 43 Resp: 115356

Ion Ratio Lower Upper

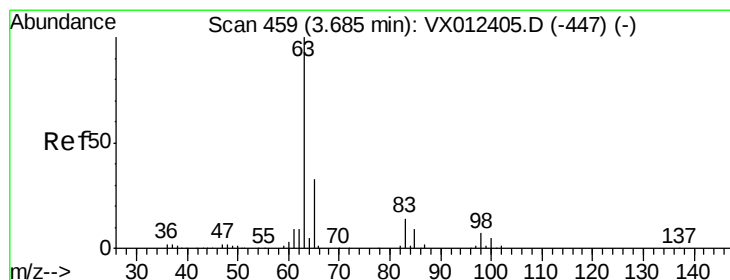
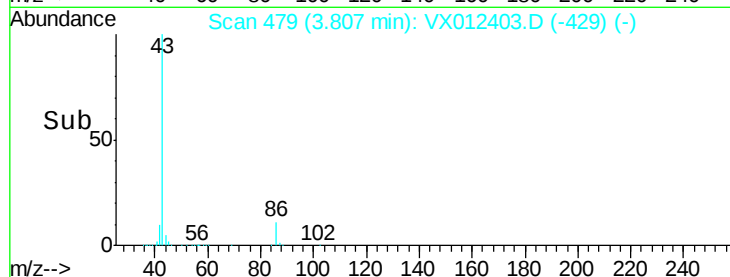
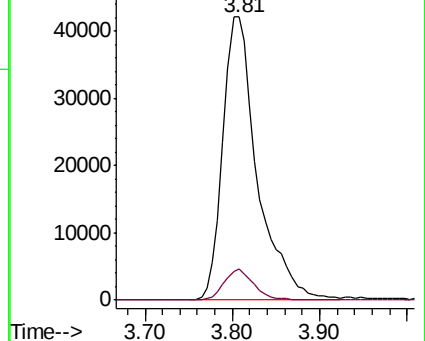
43 100

86 11.1 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 7.576 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

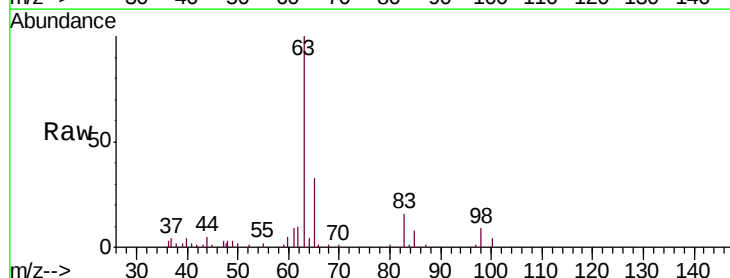
Tgt Ion: 63 Resp: 14373

Ion Ratio Lower Upper

63 100

98 8.6 3.5 10.6

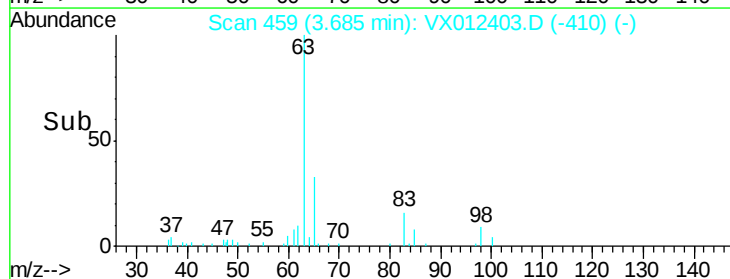
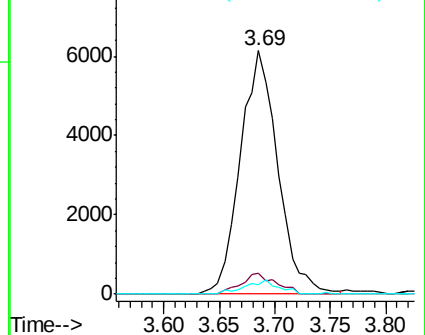
100 3.9 2.5 7.5

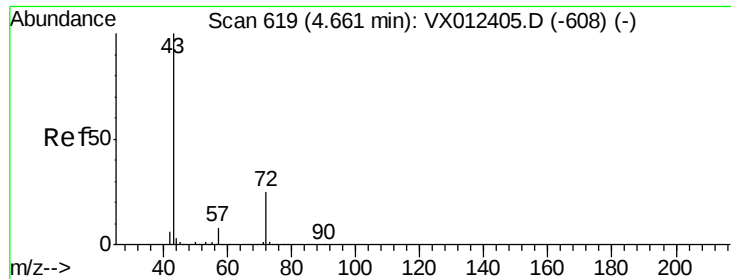


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 47.653 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

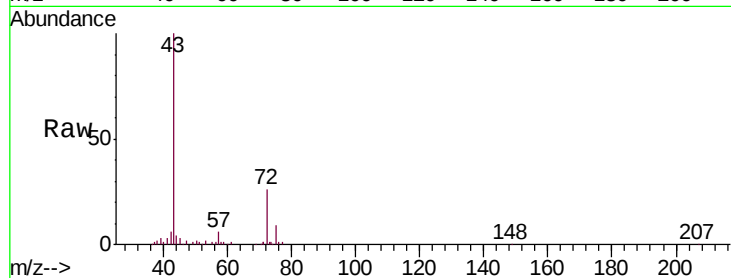
VSTDIC005

Tgt Ion: 43 Resp: 43141

Ion Ratio Lower Upper

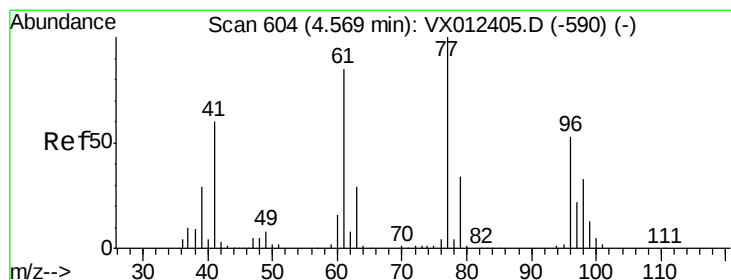
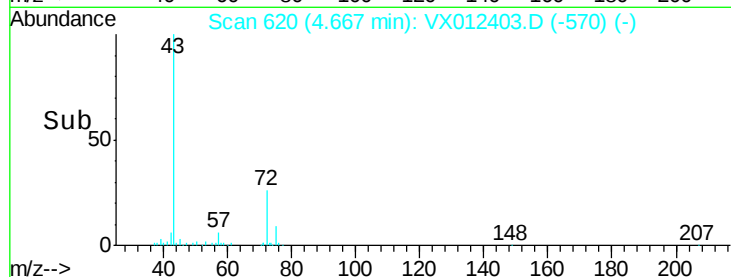
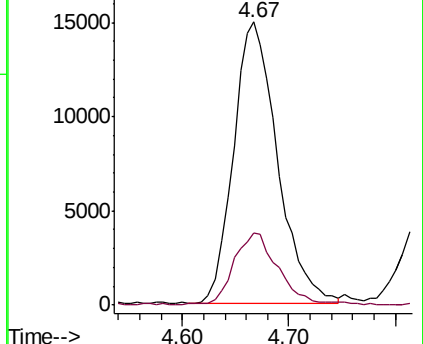
43 100

72 25.2 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 8.319 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012403.D

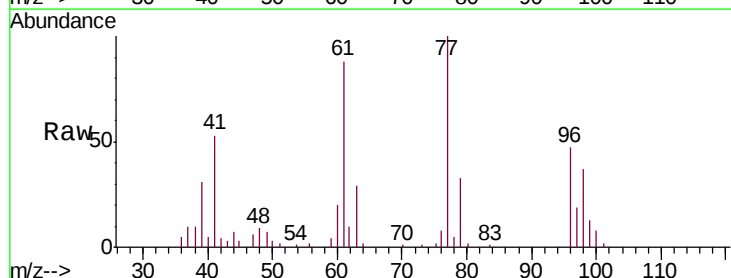
Acq: 16 Sep 2019 12:47

Tgt Ion: 77 Resp: 13869

Ion Ratio Lower Upper

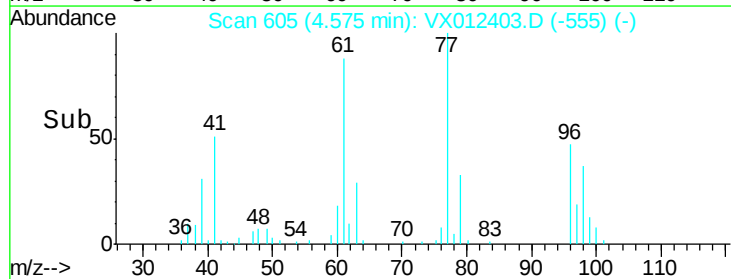
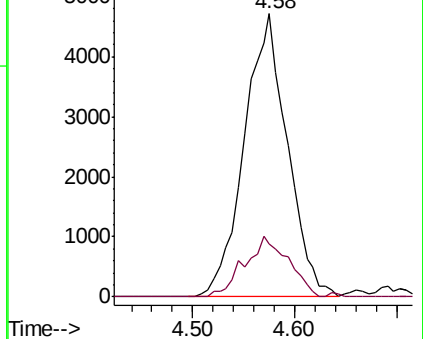
77 100

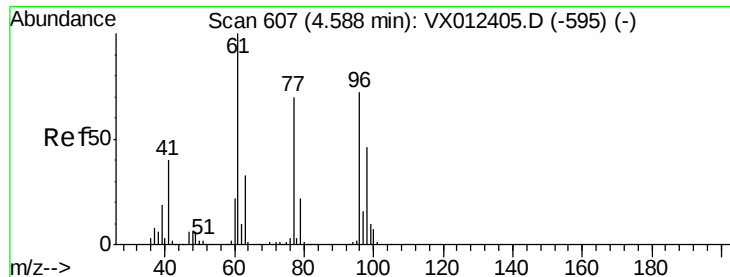
97 21.8 10.7 32.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



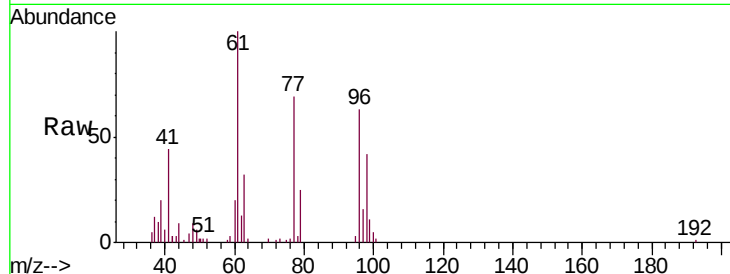


#27

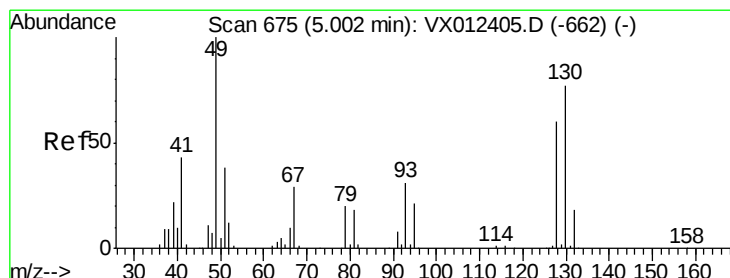
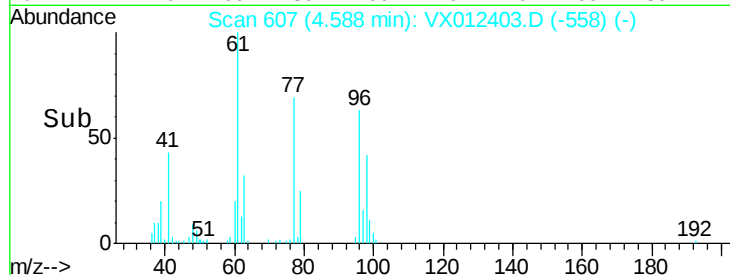
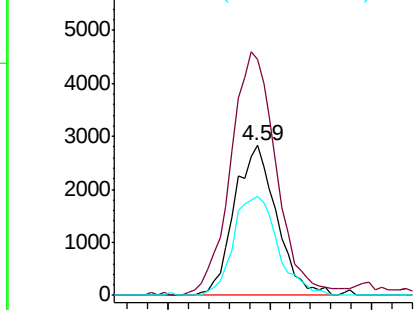
cis-1,2-Dichloroethene
Concen: 6.379 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 8124
Ion Ratio Lower Upper
96 100
61 175.7 0.0 307.6
98 69.1 0.0 129.8



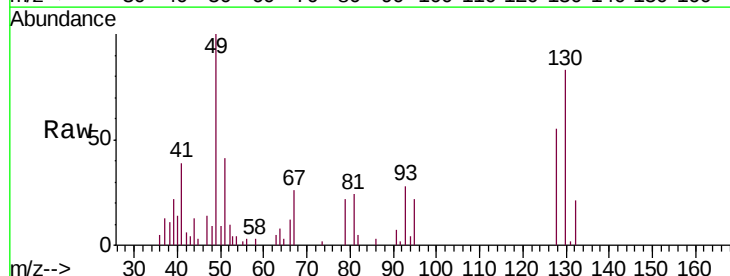
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



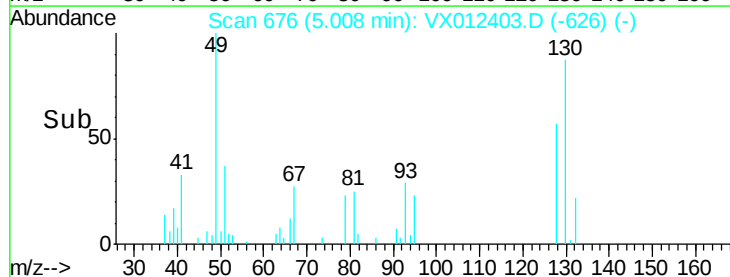
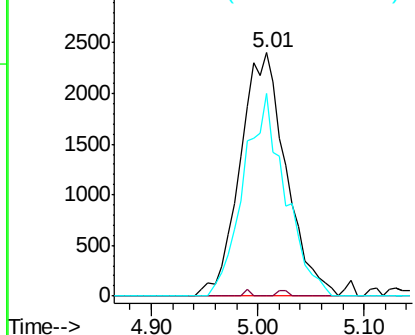
#28

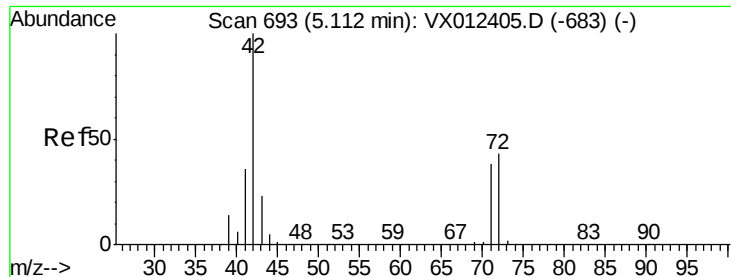
Bromochloromethane
Concen: 8.272 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

Tgt Ion: 49 Resp: 7261
Ion Ratio Lower Upper
49 100
129 0.6 0.0 4.6
130 75.7 61.3 91.9



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 42.969 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

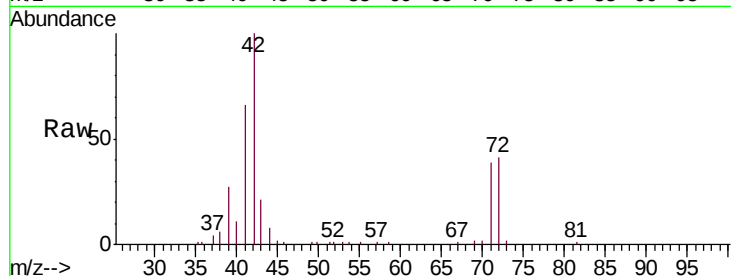
Tgt Ion: 42 Resp: 24191

Ion Ratio Lower Upper

42 100

72 42.1 34.9 52.3

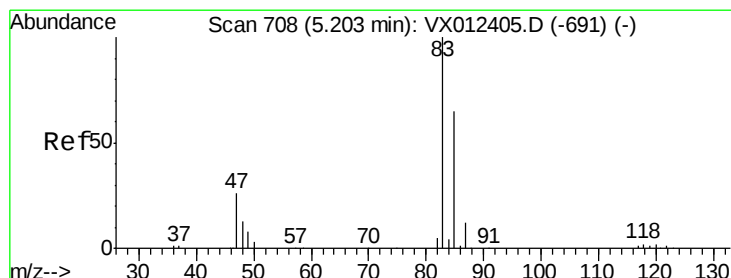
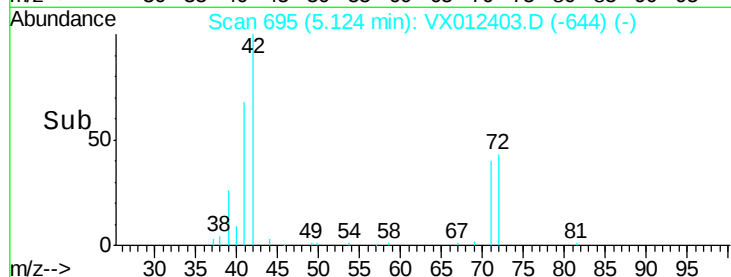
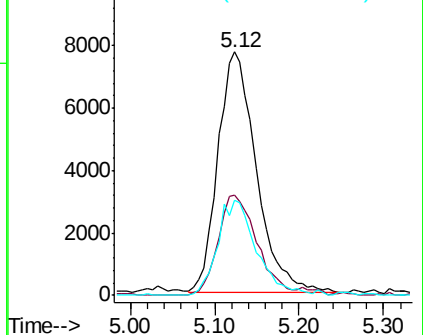
71 39.6 32.6 48.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 7.857 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012403.D

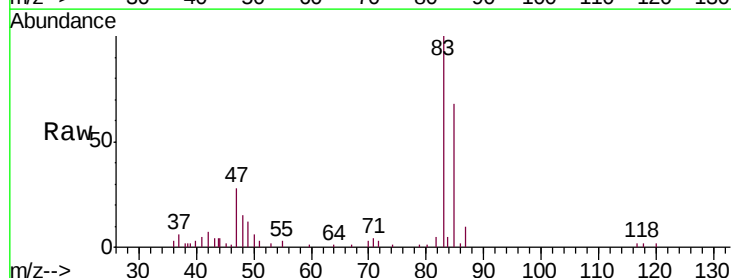
Acq: 16 Sep 2019 12:47

Tgt Ion: 83 Resp: 16400

Ion Ratio Lower Upper

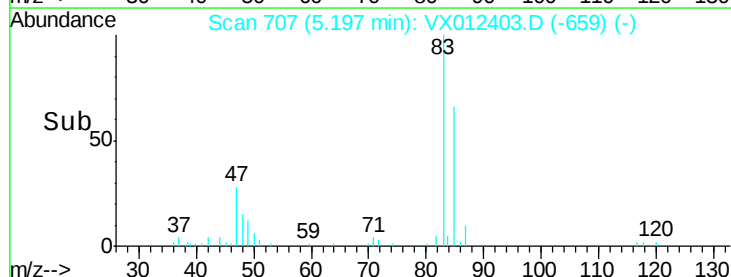
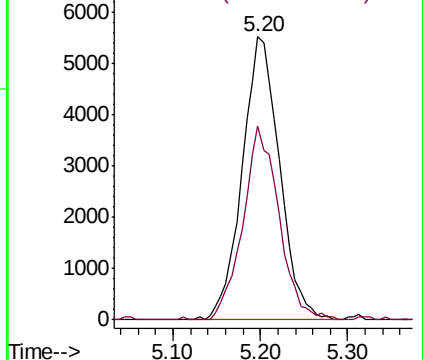
83 100

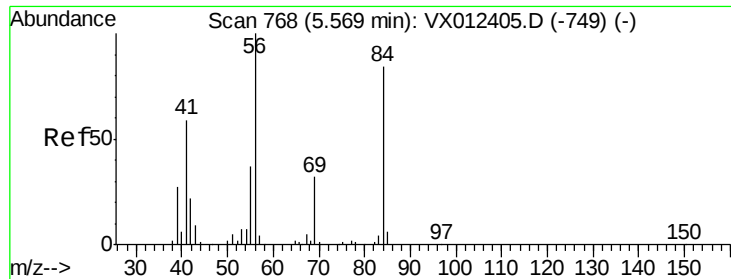
85 68.5 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

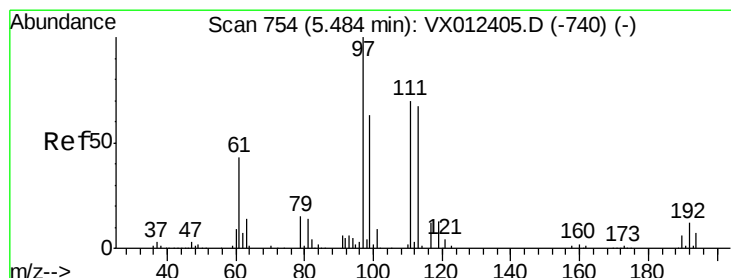
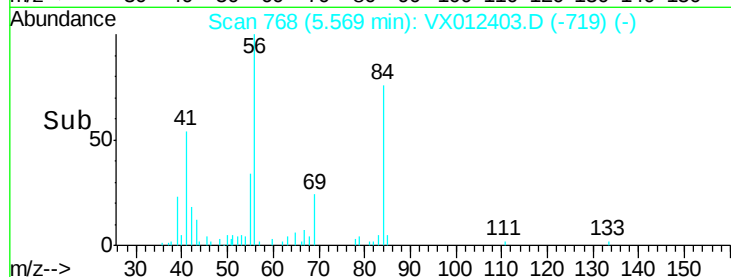
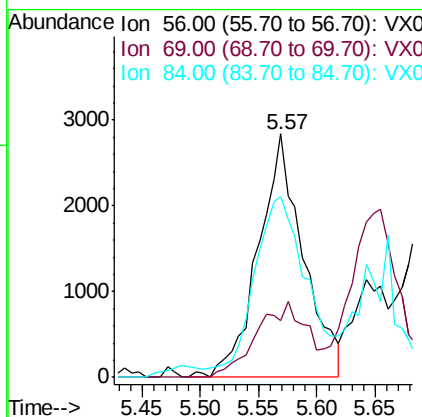
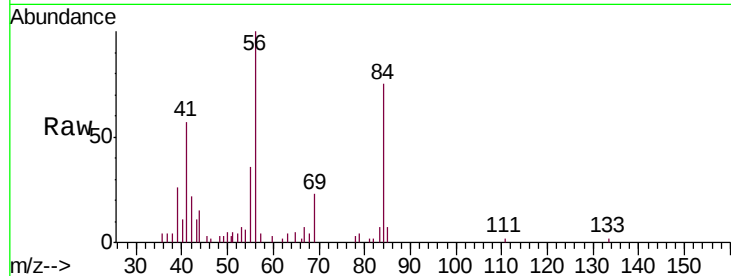




#31
Cyclohexane
Concen: 4.937 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

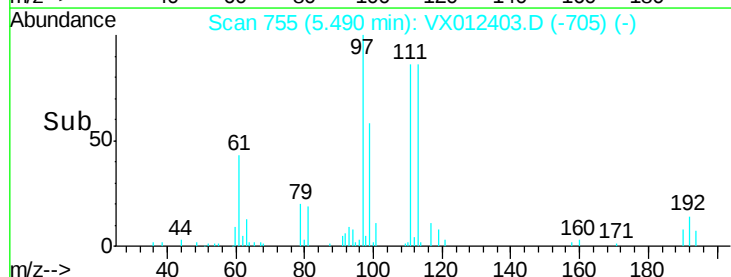
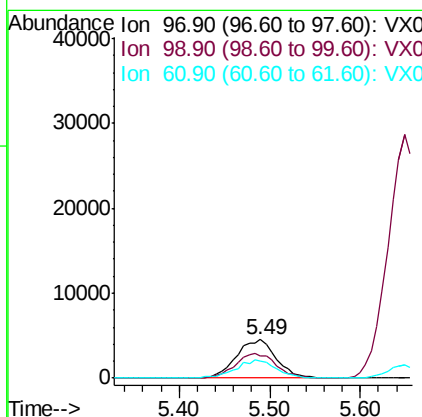
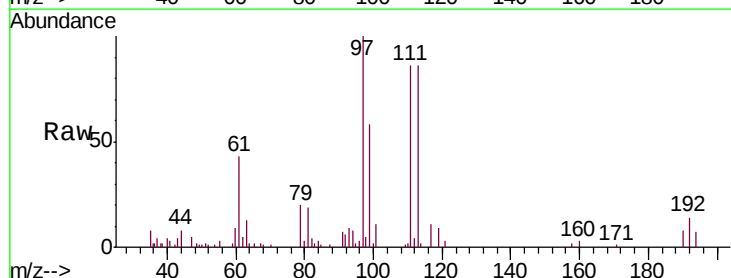
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

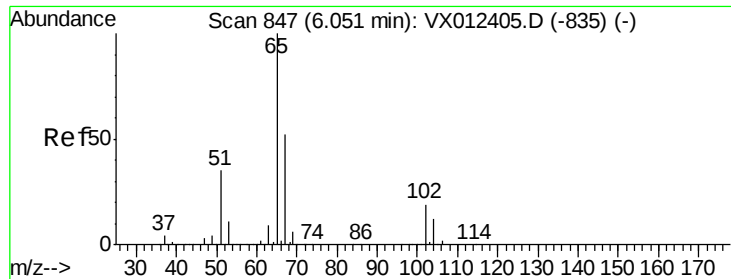
Tgt Ion: 56 Resp: 7619
Ion Ratio Lower Upper
56 100
69 23.4 24.9 37.3#
84 68.0 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 7.649 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

Tgt Ion: 97 Resp: 13770
Ion Ratio Lower Upper
97 100
99 65.7 51.7 77.5
61 47.1 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 9.744 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

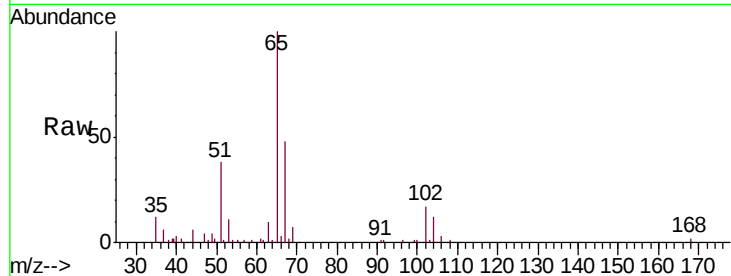
VSTDIC005

Tgt Ion: 65 Resp: 14414

Ion Ratio Lower Upper

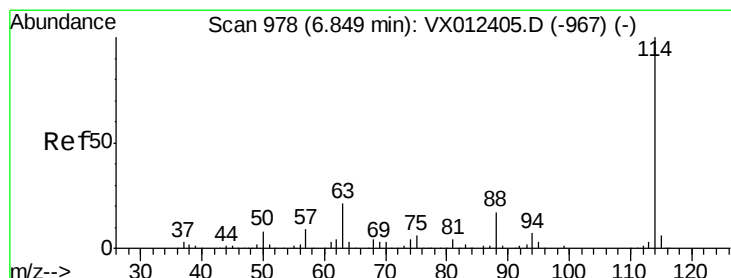
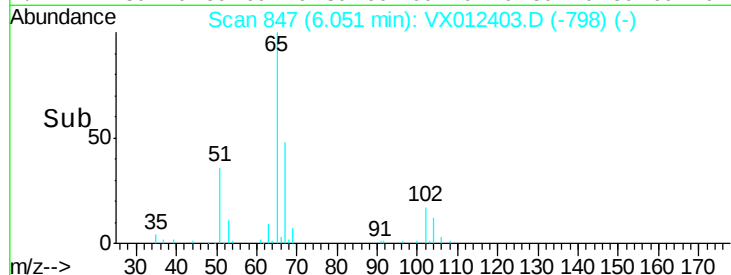
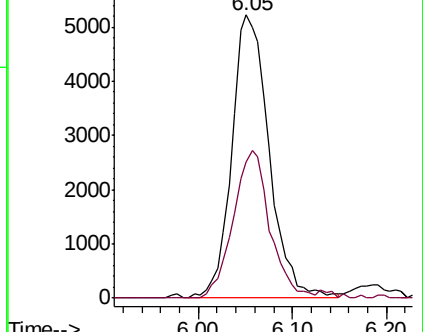
65 100

67 51.3 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

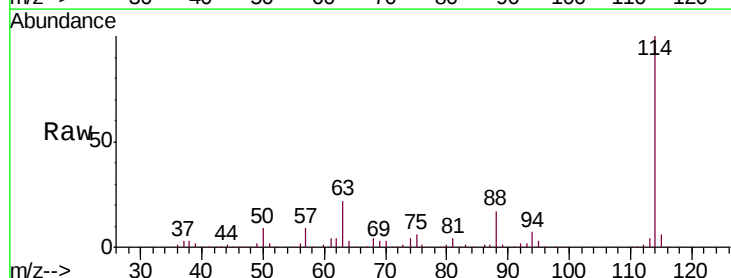
Tgt Ion: 114 Resp: 191264

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.4

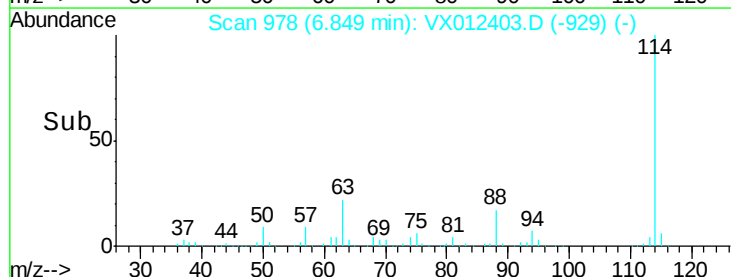
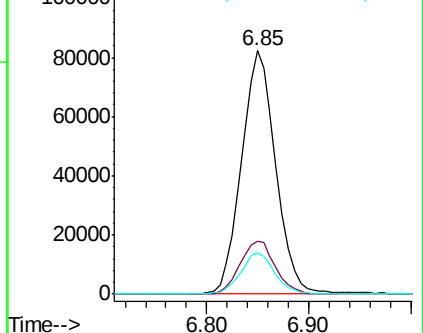
88 17.2 0.0 33.4

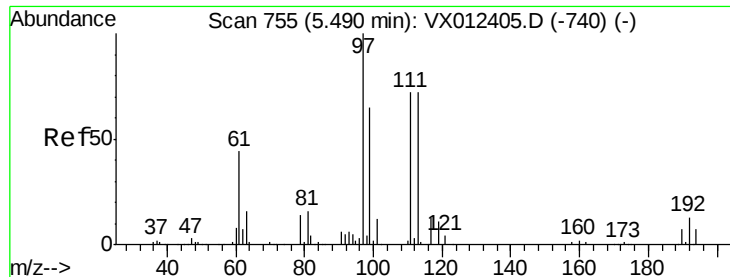


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 8.148 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

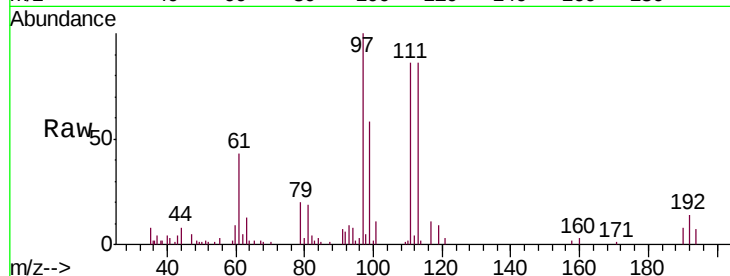
Tgt Ion:113 Resp: 11096

Ion Ratio Lower Upper

113 100

111 100.0 81.8 122.6

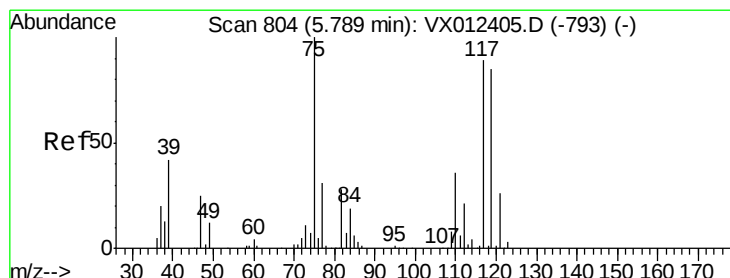
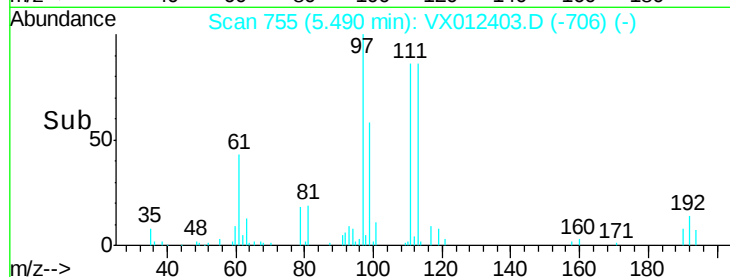
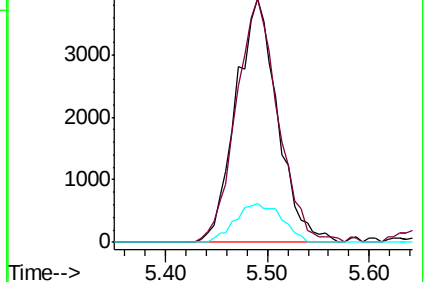
192 17.5 15.0 22.4



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: 5.452 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

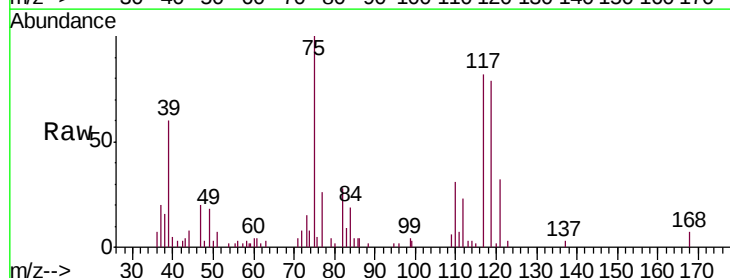
Tgt Ion: 75 Resp: 8468

Ion Ratio Lower Upper

75 100

110 35.3 17.4 52.2

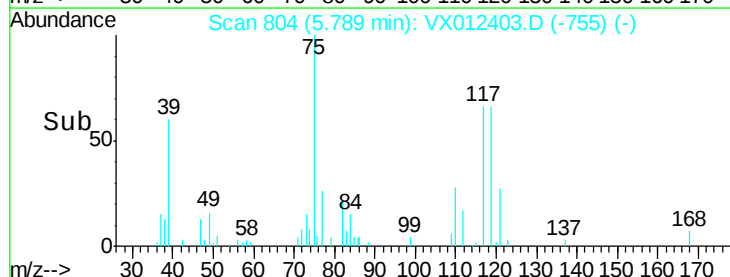
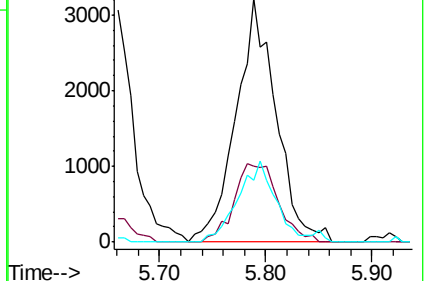
77 31.2 24.8 37.2

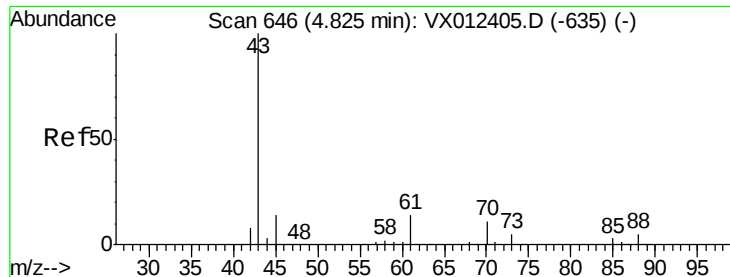


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

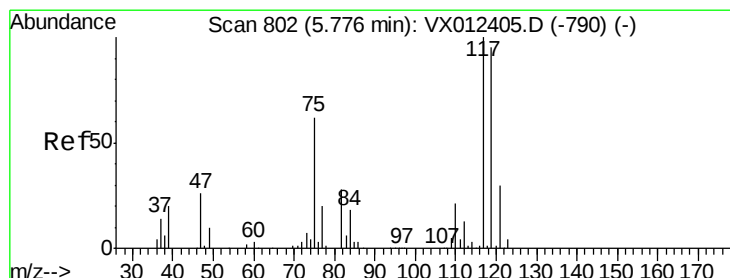
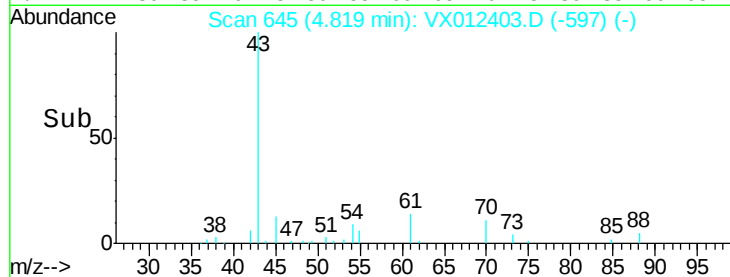
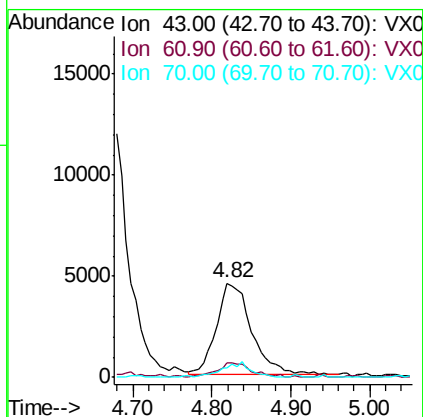
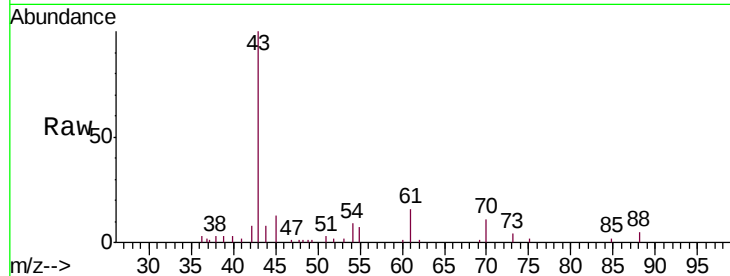




#37
Ethyl Acetate
Concen: 7.963 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

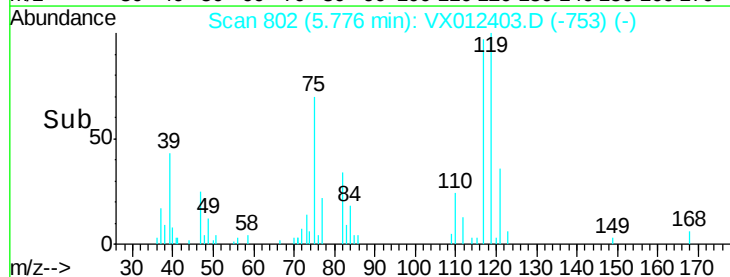
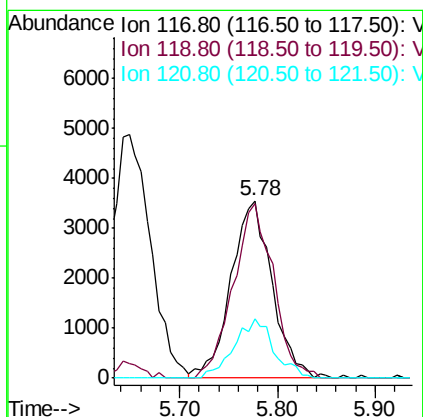
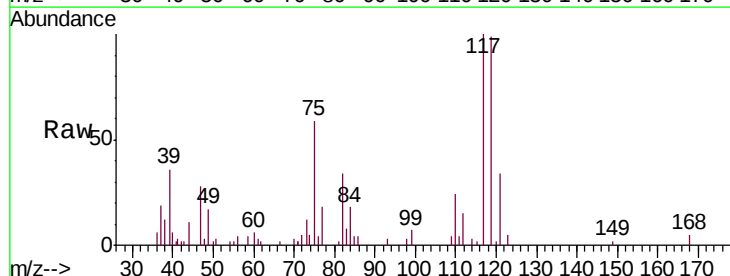
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

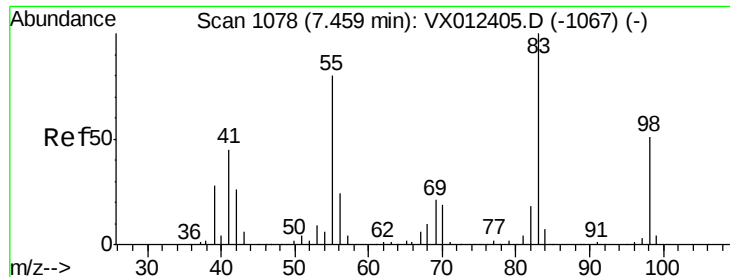
Tgt Ion: 43 Resp: 14252
Ion Ratio Lower Upper
43 100
61 15.7 11.2 16.8
70 13.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 5.727 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

Tgt Ion: 117 Resp: 10353
Ion Ratio Lower Upper
117 100
119 98.7 75.8 113.8
121 33.6 23.8 35.6

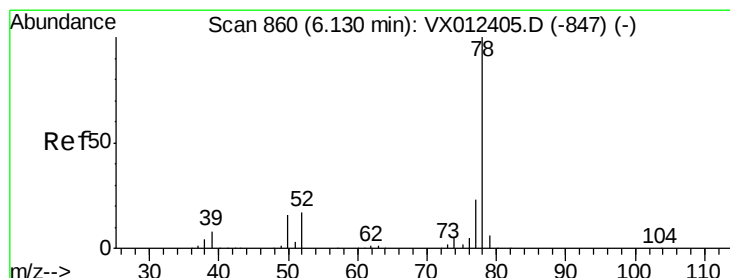
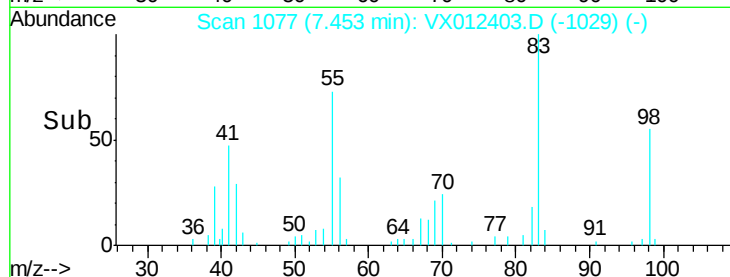
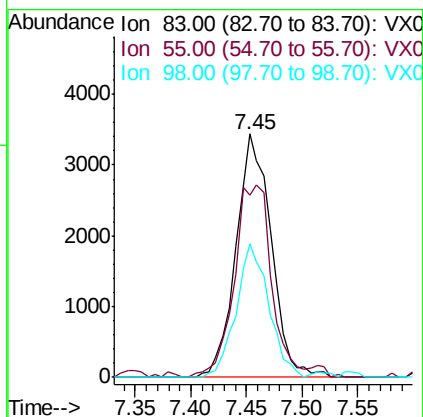
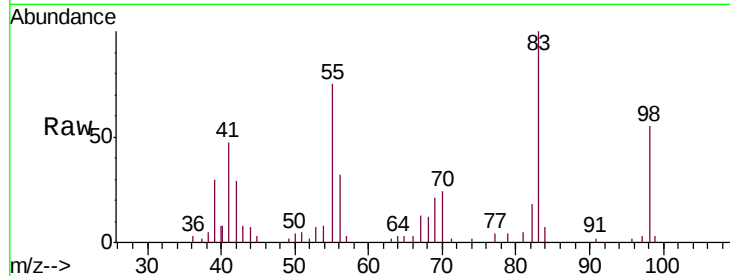




#39
Methylcyclohexane
Concen: 4.092 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

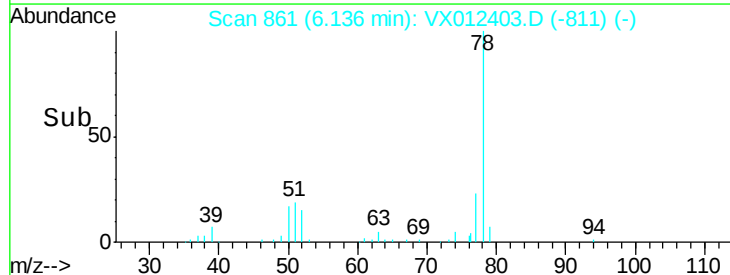
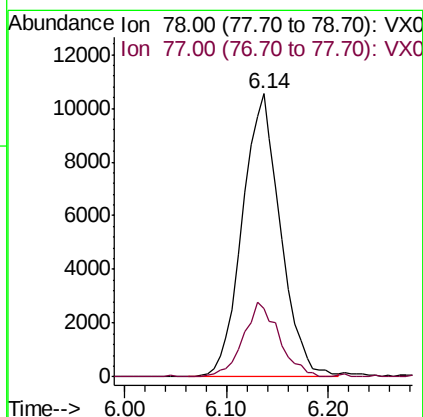
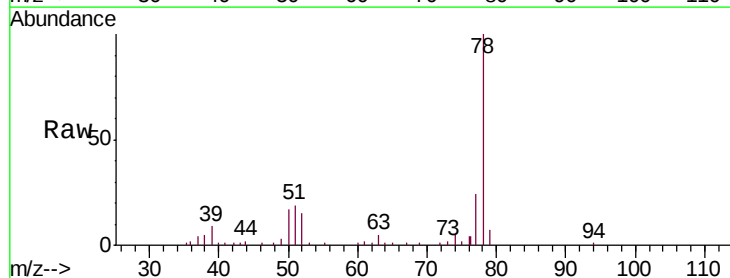
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

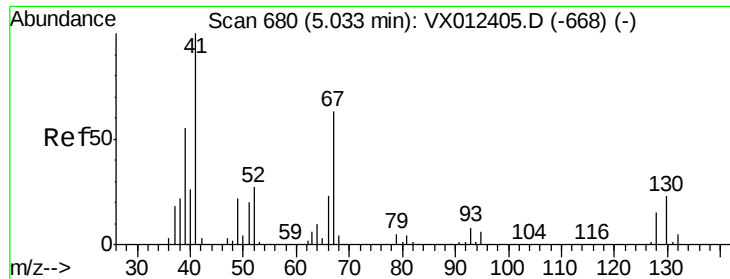
Tgt Ion: 83 Resp: 7544
Ion Ratio Lower Upper
83 100
55 74.9 63.8 95.6
98 54.8 40.6 61.0



#40
Benzene
Concen: 5.638 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

Tgt Ion: 78 Resp: 27421
Ion Ratio Lower Upper
78 100
77 24.0 18.2 27.2

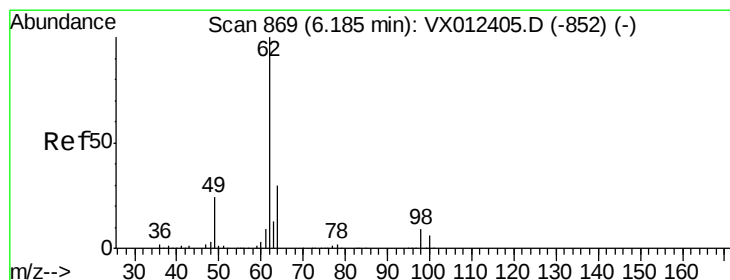
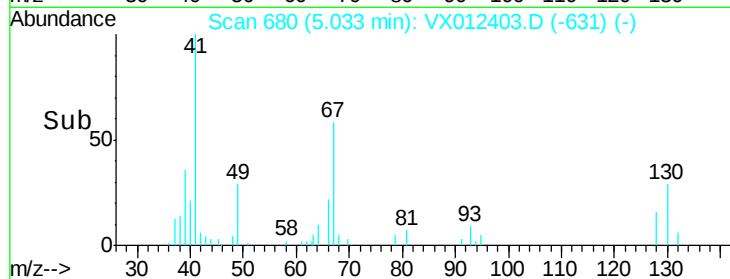
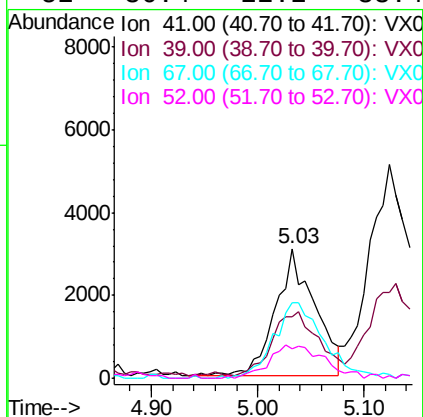
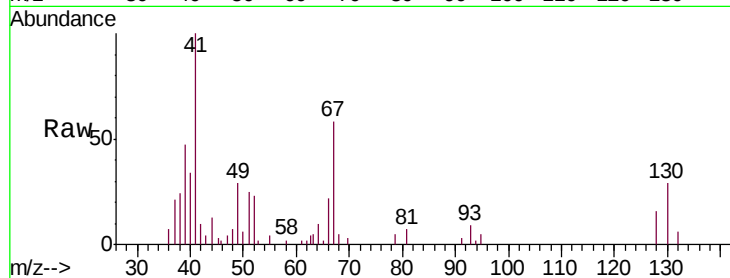




#41
Methacrylonitrile
Concen: 7.318 ug/l
RT: 5.03 min Scan# 680
Delta R.T. -0.00 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

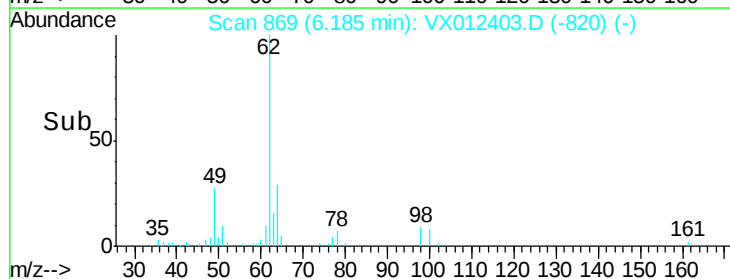
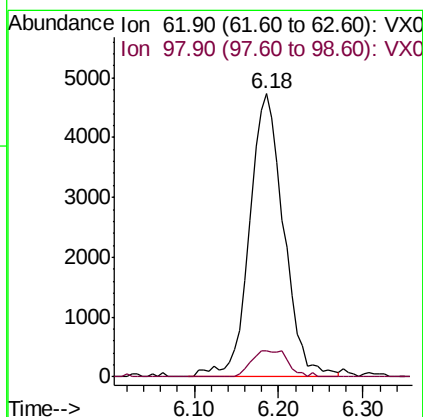
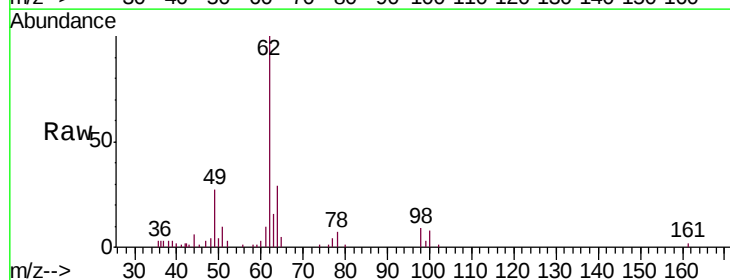
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

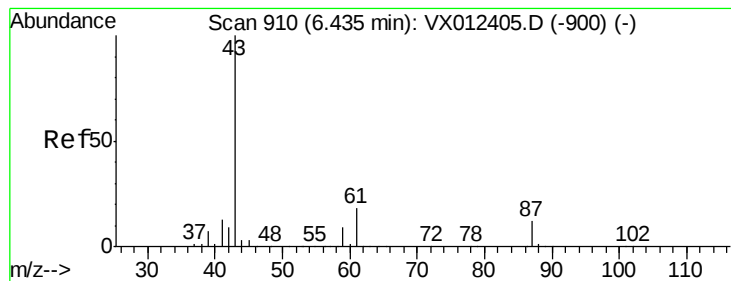
Tgt Ion: 41 Resp: 7745
Ion Ratio Lower Upper
41 100
39 59.0 44.4 66.6
67 76.6 53.8 80.8
52 36.4 22.2 33.4#



#42
1,2-Dichloroethane
Concen: 7.060 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

Tgt Ion: 62 Resp: 13070
Ion Ratio Lower Upper
62 100
98 10.0 0.0 17.8





#43

Isopropyl Acetate

Concen: 8.220 ug/l

RT: 6.44 min Scan# 911

Delta R.T. 0.01 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

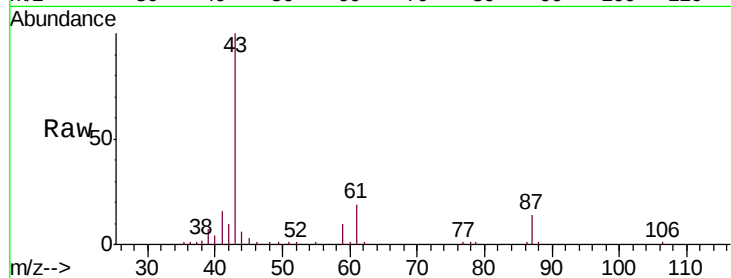
Tgt Ion: 43 Resp: 24212

Ion Ratio Lower Upper

43 100

61 20.0 15.5 23.3

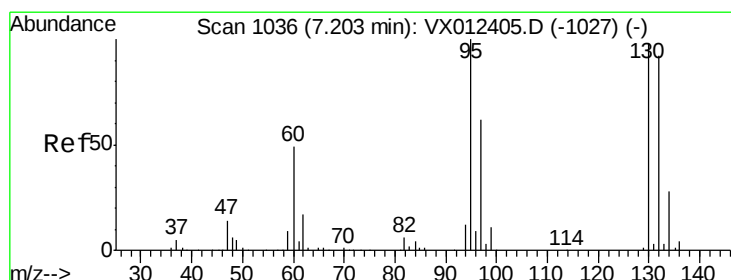
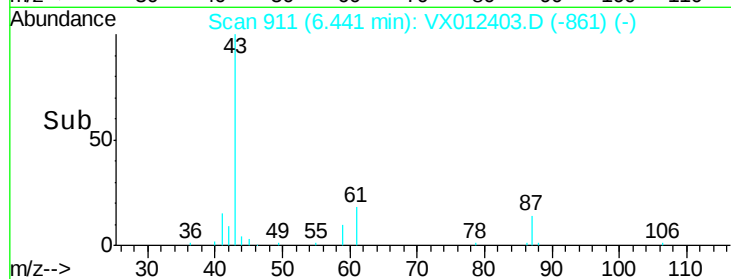
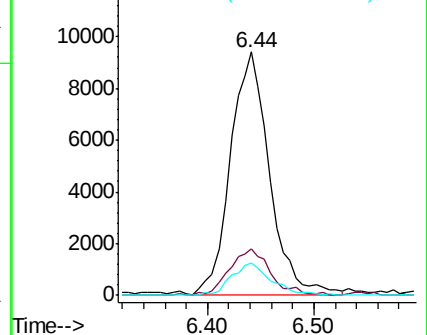
87 13.5 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 4.947 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012403.D

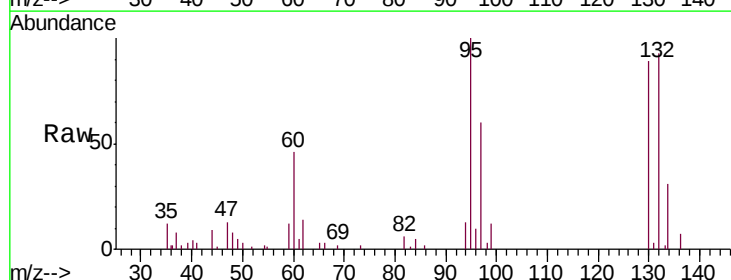
Acq: 16 Sep 2019 12:47

Tgt Ion: 130 Resp: 7203

Ion Ratio Lower Upper

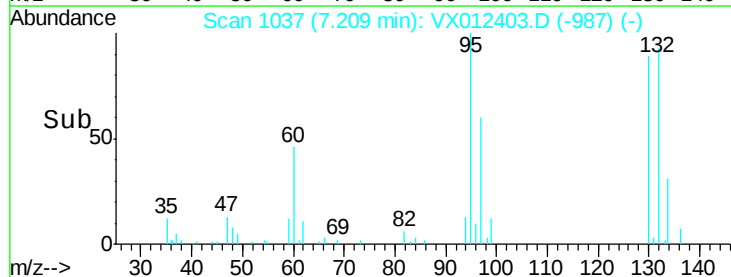
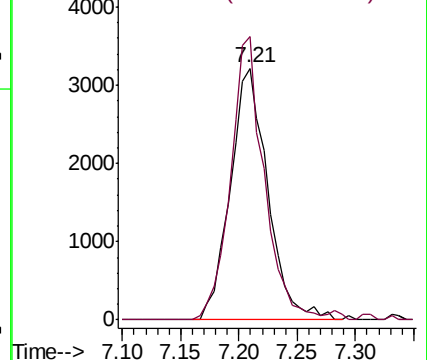
130 100

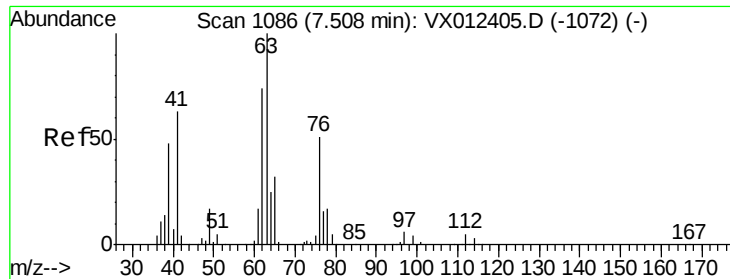
95 112.5 0.0 203.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

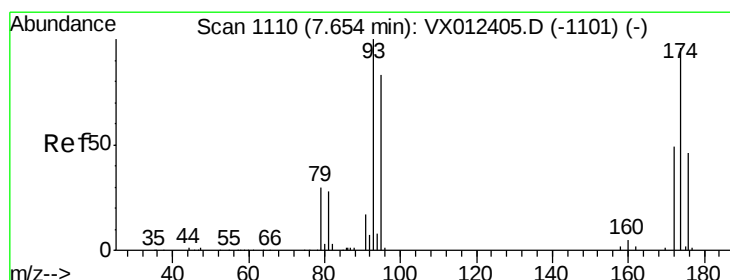
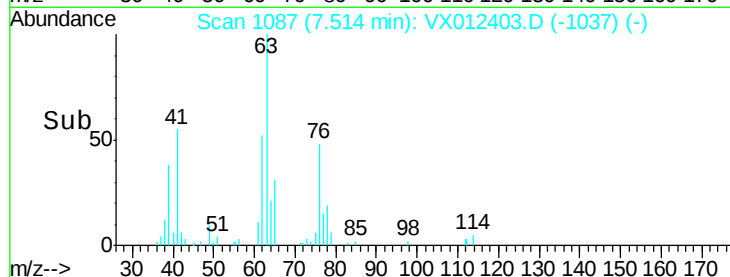
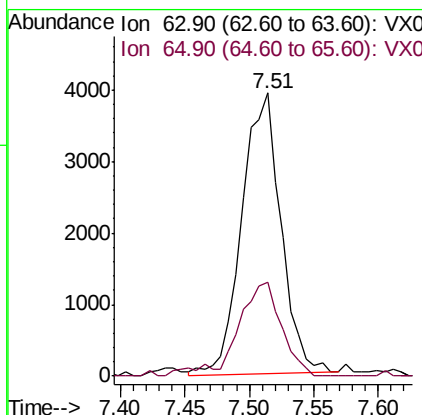
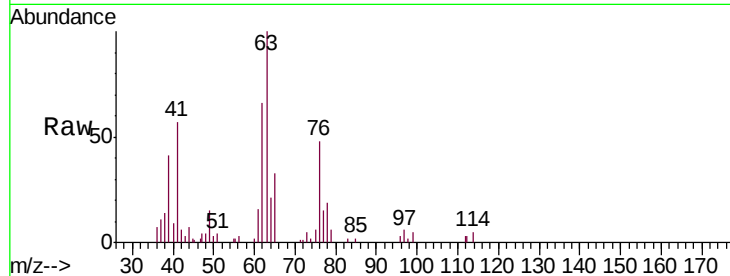




#45
 1,2-Dichloropropane
 Concen: 6.558 ug/l
 RT: 7.51 min Scan# 1087
 Delta R.T. 0.01 min
 Lab File: VX012403.D
 Acq: 16 Sep 2019 12:47

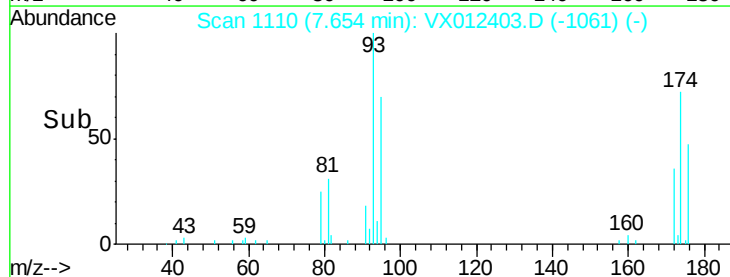
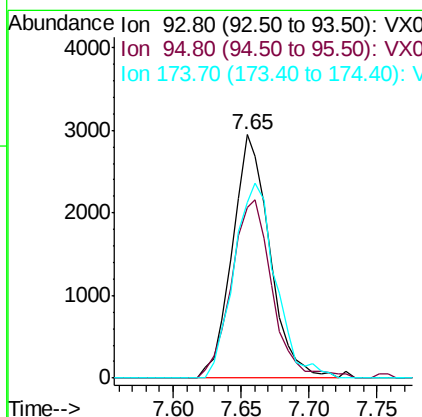
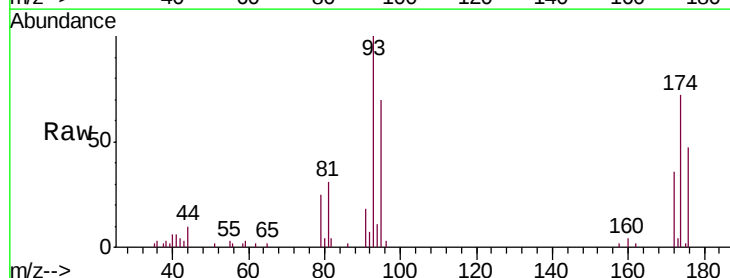
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

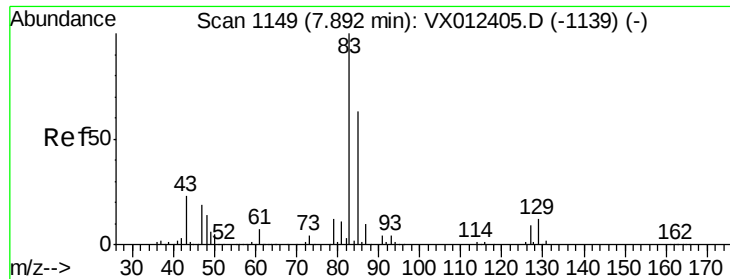
Tgt Ion: 63 Resp: 8243
 Ion Ratio Lower Upper
 63 100
 65 33.8 25.6 38.4



#46
 Dibromomethane
 Concen: 6.206 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012403.D
 Acq: 16 Sep 2019 12:47

Tgt Ion: 93 Resp: 5656
 Ion Ratio Lower Upper
 93 100
 95 79.5 66.2 99.2
 174 89.4 78.6 118.0





#47

Bromodichloromethane

Concen: 7.103 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

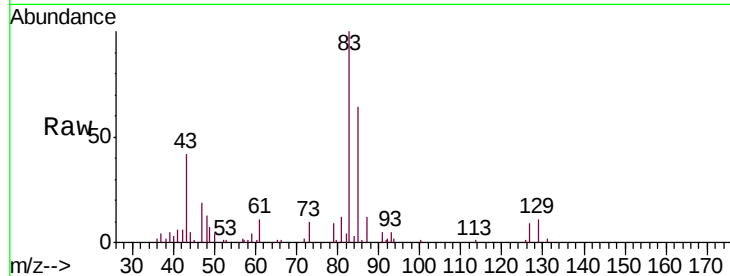
Tgt Ion: 83 Resp: 12243

Ion Ratio Lower Upper

83 100

85 63.9 50.2 75.4

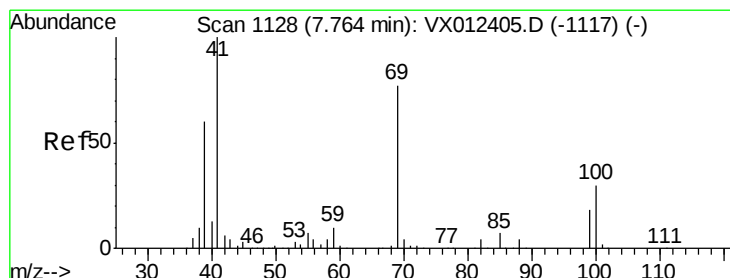
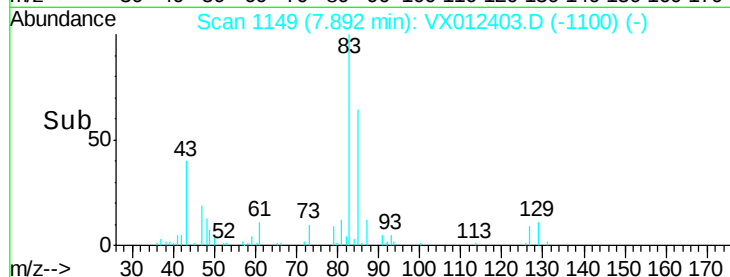
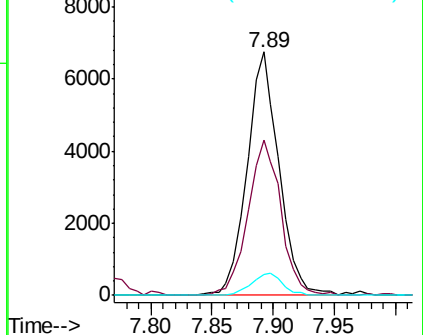
127 8.6 6.9 10.3



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: 7.207 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

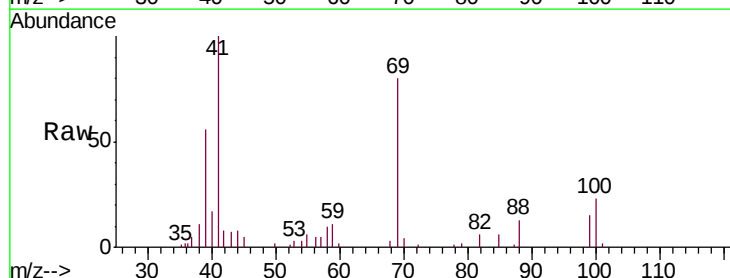
Tgt Ion: 41 Resp: 10388

Ion Ratio Lower Upper

41 100

69 79.1 61.6 92.4

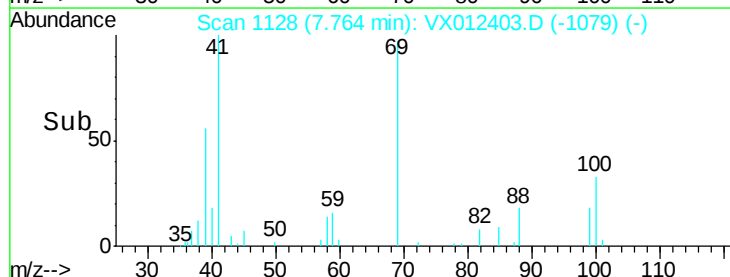
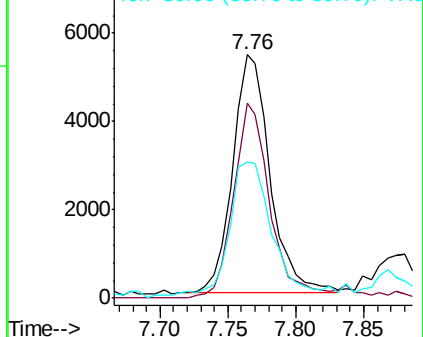
39 62.1 47.6 71.4

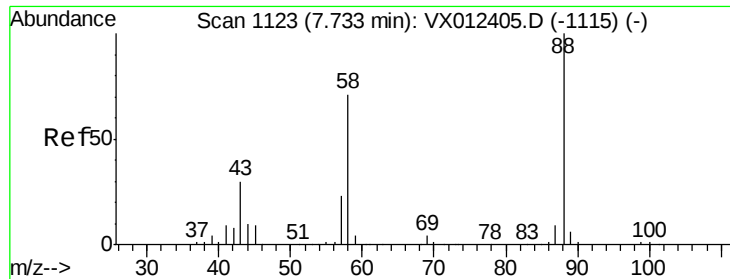


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

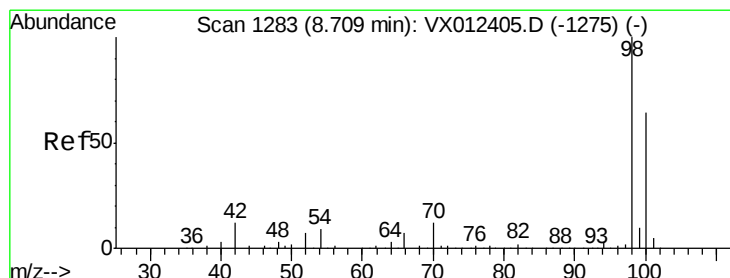
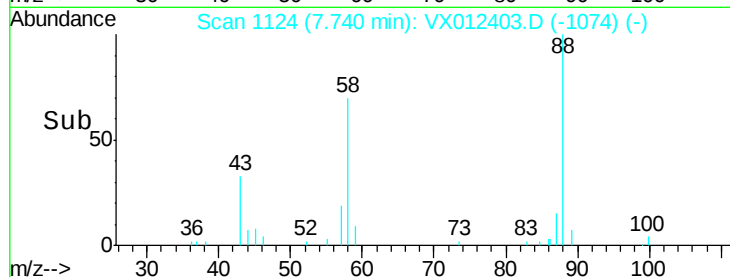
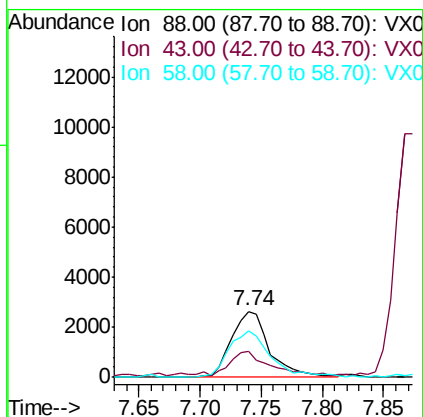
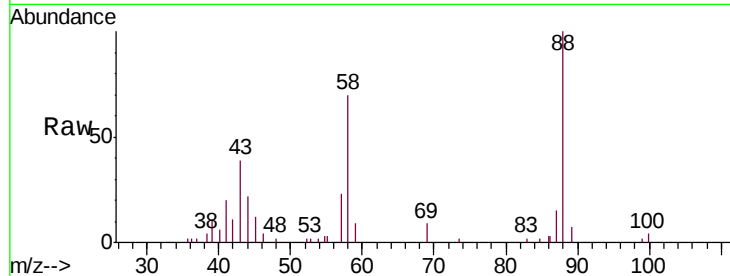




#49
 1,4-Dioxane
 Concen: 145.814 ug/l
 RT: 7.74 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: VX012403.D
 Acq: 16 Sep 2019 12:47

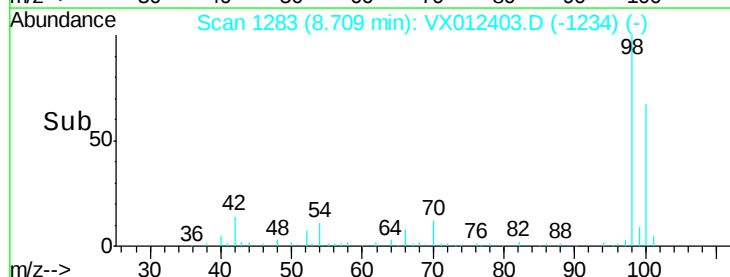
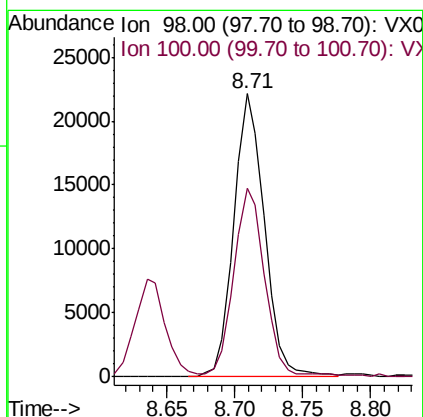
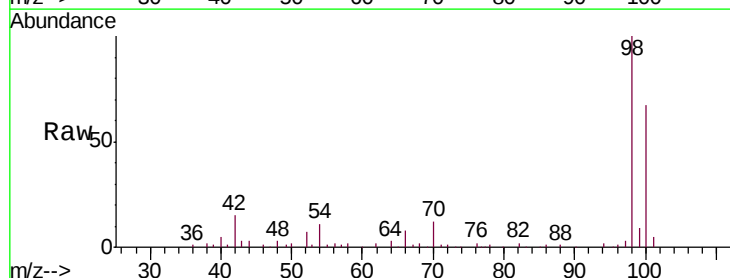
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

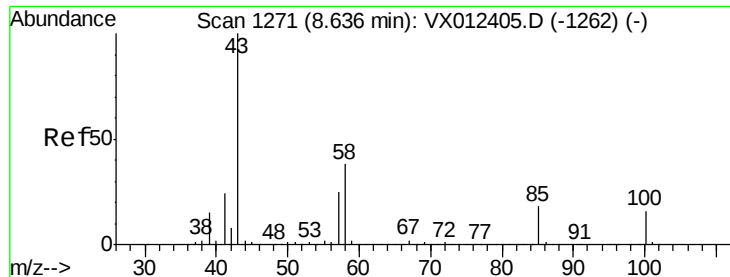
Tgt Ion: 88 Resp: 5705
 Ion Ratio Lower Upper
 88 100
 43 34.0 26.6 39.8
 58 77.1 57.1 85.7



#50
 Toluene-d8
 Concen: 7.303 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012403.D
 Acq: 16 Sep 2019 12:47

Tgt Ion: 98 Resp: 34799
 Ion Ratio Lower Upper
 98 100
 100 64.5 54.4 81.6





#51

4-Methyl-2-Pentanone

Concen: 40.876 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

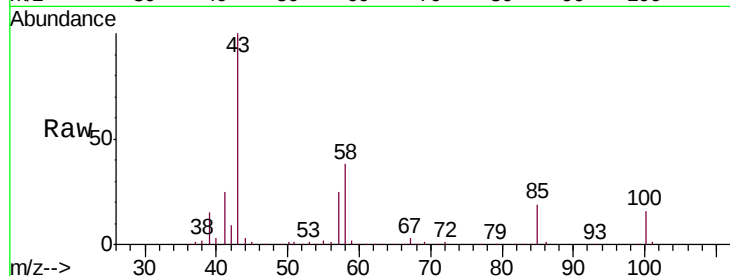
VSTDIC005

Tgt Ion: 43 Resp: 79409

Ion Ratio Lower Upper

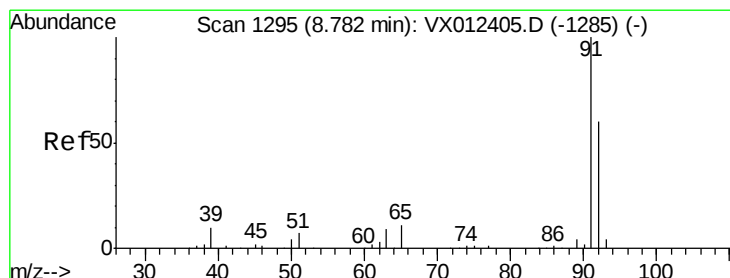
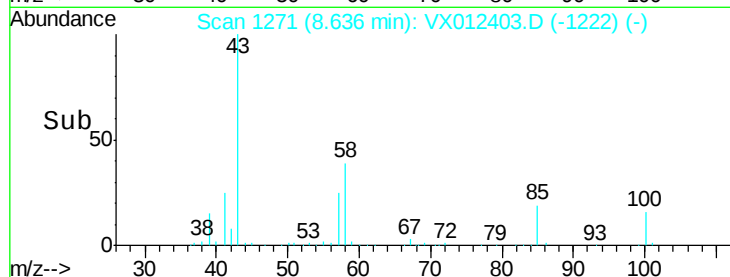
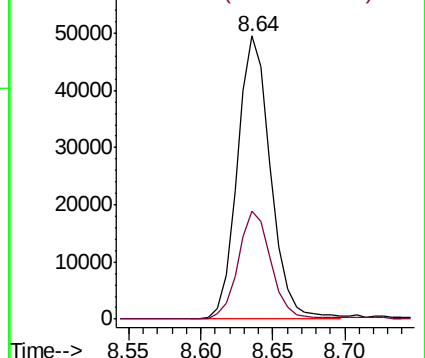
43 100

58 37.7 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 5.516 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012403.D

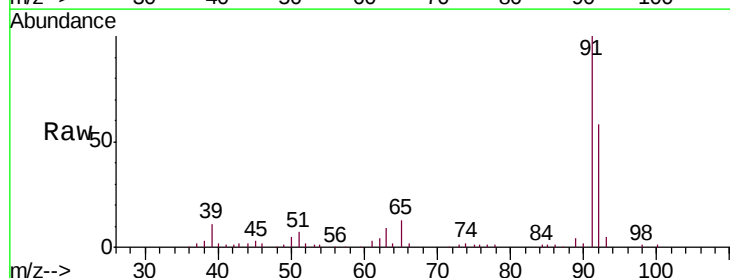
Acq: 16 Sep 2019 12:47

Tgt Ion: 92 Resp: 17315

Ion Ratio Lower Upper

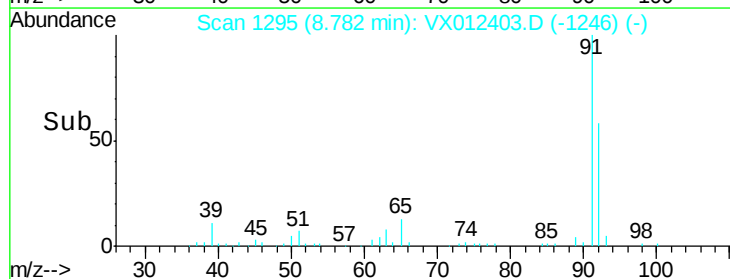
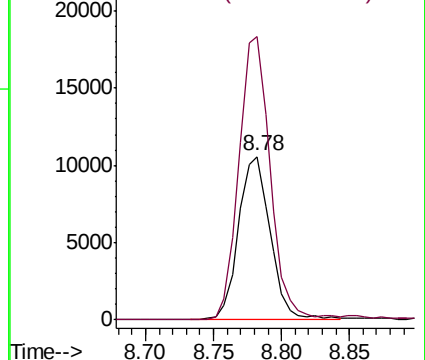
92 100

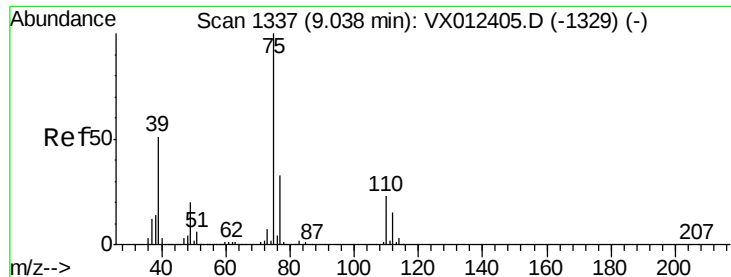
91 170.7 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

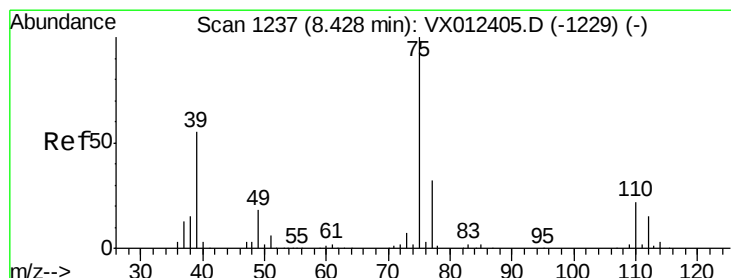
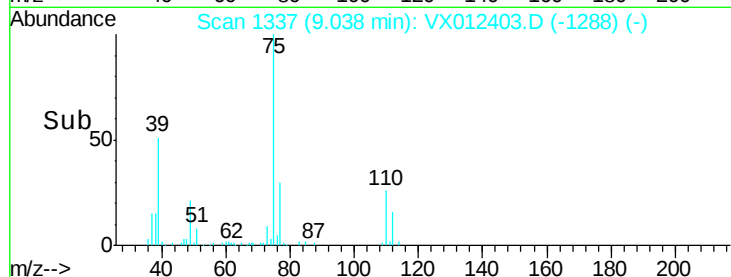
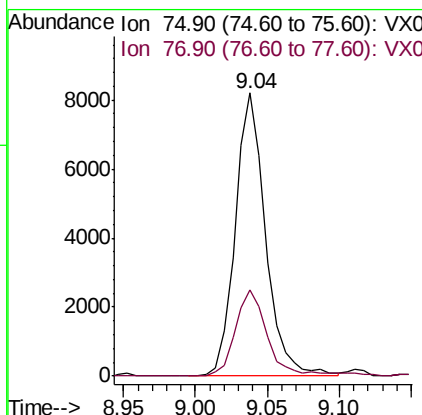
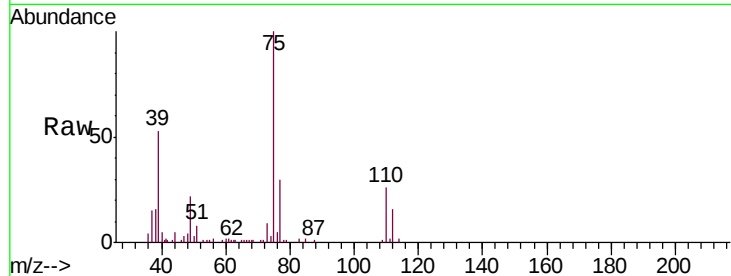




#53
 t-1,3-Dichloropropene
 Concen: 6.667 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012403.D
 Acq: 16 Sep 2019 12:47

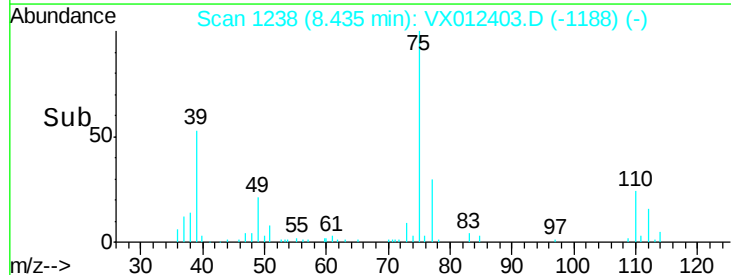
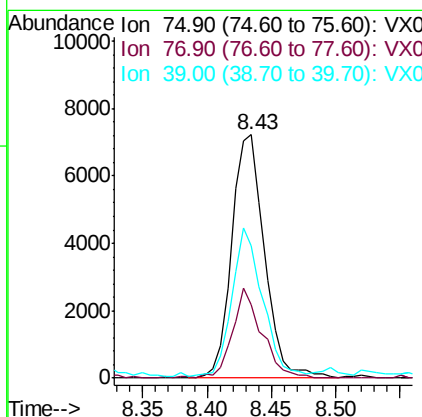
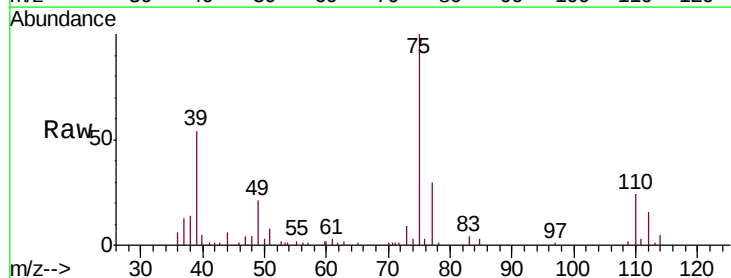
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

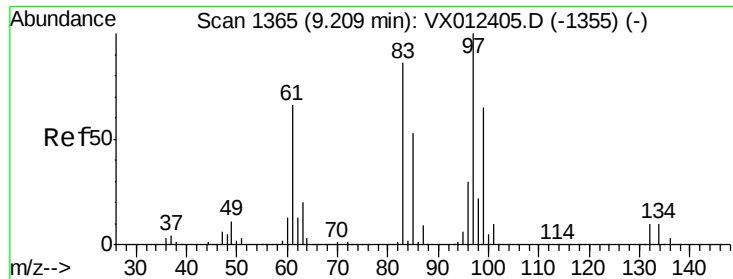
Tgt Ion: 75 Resp: 12009
 Ion Ratio Lower Upper
 75 100
 77 30.3 26.1 39.1



#54
 cis-1,3-Dichloropropene
 Concen: 6.598 ug/l
 RT: 8.43 min Scan# 1238
 Delta R.T. 0.01 min
 Lab File: VX012403.D
 Acq: 16 Sep 2019 12:47

Tgt Ion: 75 Resp: 12792
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.2 37.8
 39 53.5 43.8 65.8

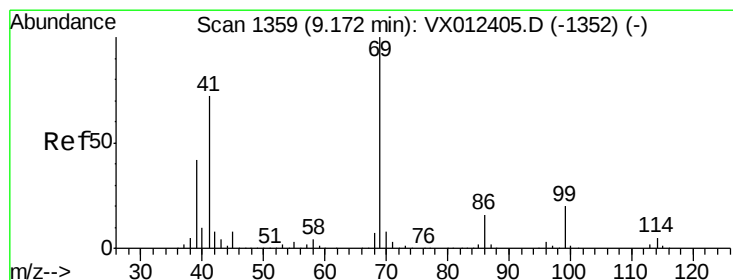
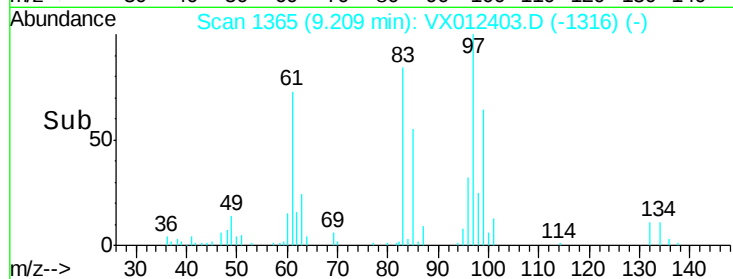
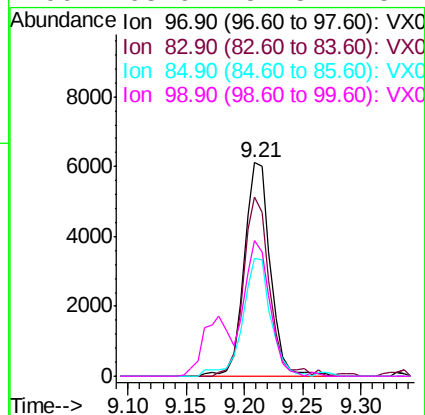
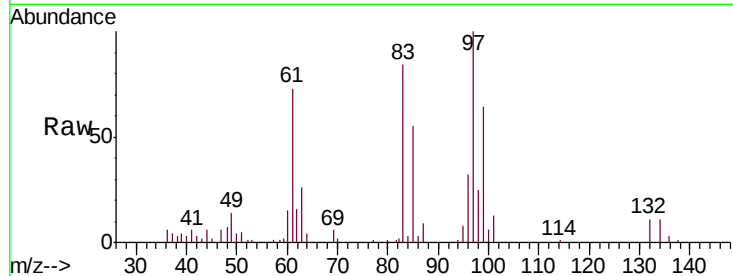




#55
 1,1,2-Trichloroethane
 Concen: 7.058 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012403.D
 Acq: 16 Sep 2019 12:47

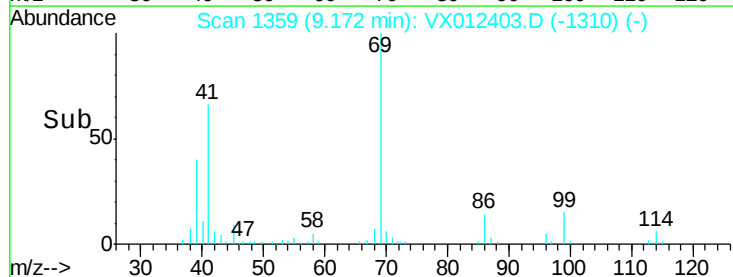
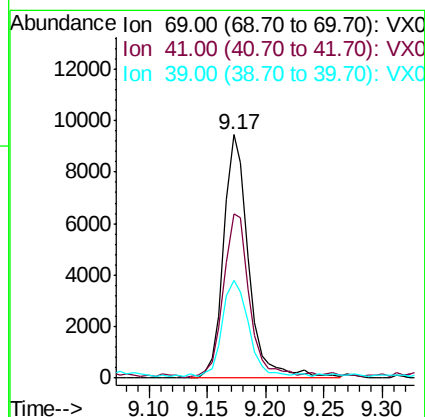
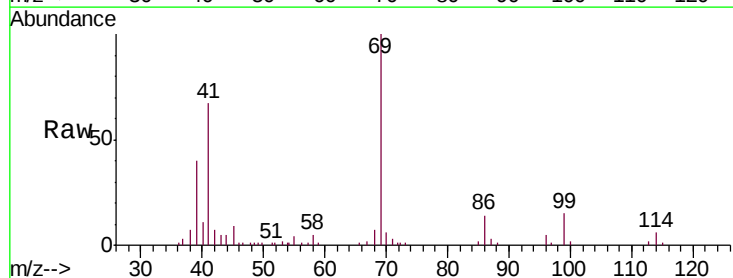
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

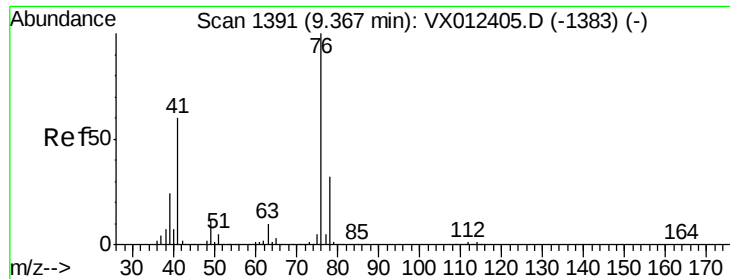
Tgt Ion:	97	Resp:	9576
Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.5	102.7
85	55.4	42.6	64.0
99	63.6	52.5	78.7



#56
 Ethyl methacrylate
 Concen: 7.184 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012403.D
 Acq: 16 Sep 2019 12:47

Tgt Ion:	69	Resp:	14052
Ion	Ratio	Lower	Upper
69	100		
41	71.4	57.0	85.6
39	40.6	32.6	49.0





#57

1,3-Dichloropropane

Concen: 6.894 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

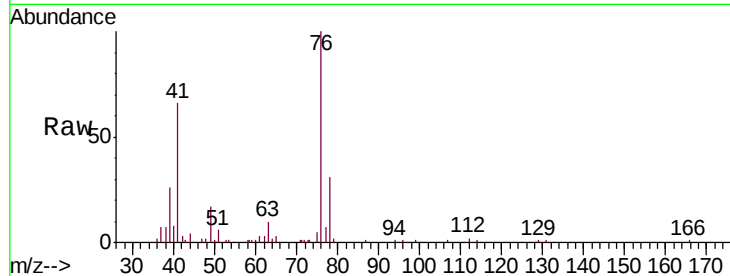
VSTDIC005

Tgt Ion: 76 Resp: 15283

Ion Ratio Lower Upper

76 100

78 32.7 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

12000

10000

8000

6000

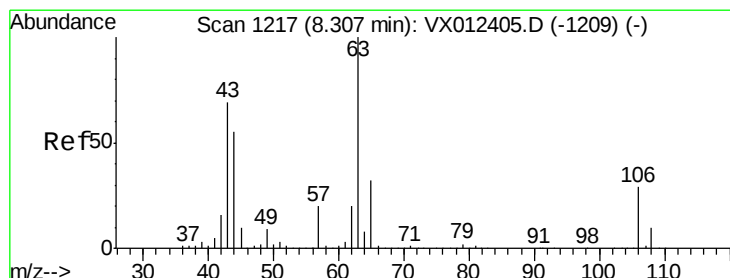
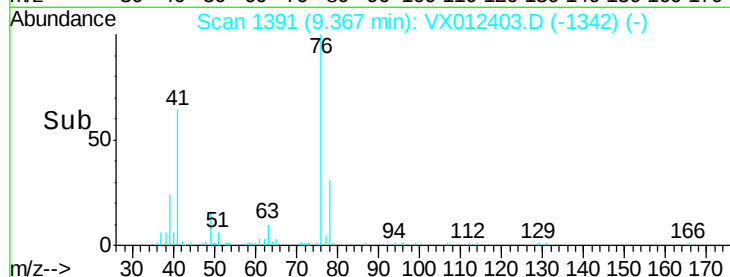
4000

2000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 37.014 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012403.D

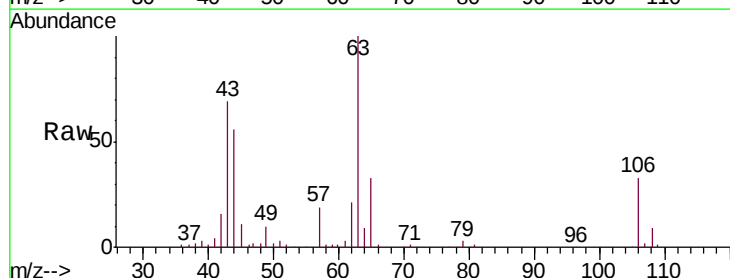
Acq: 16 Sep 2019 12:47

Tgt Ion: 63 Resp: 38395

Ion Ratio Lower Upper

63 100

106 30.6 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

25000

20000

15000

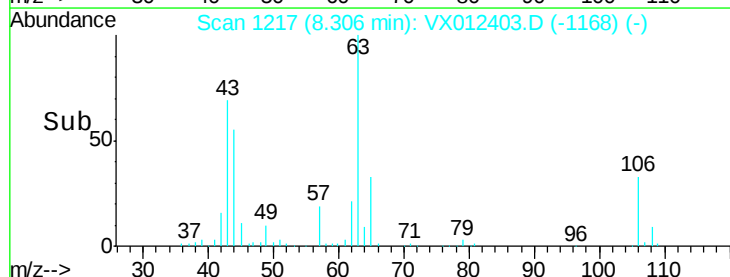
10000

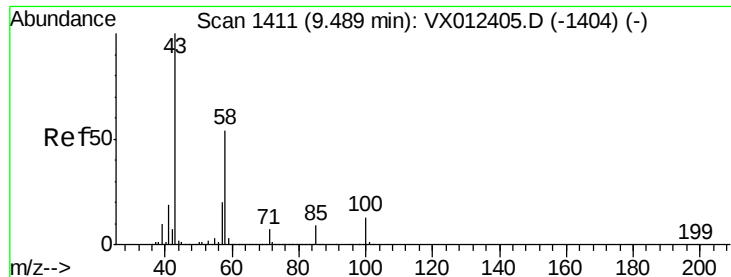
5000

0

8.20 8.30 8.40

Time-->

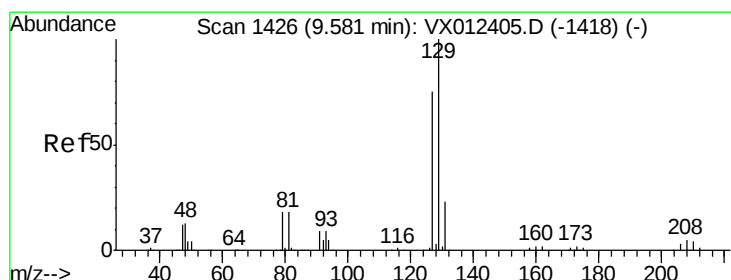
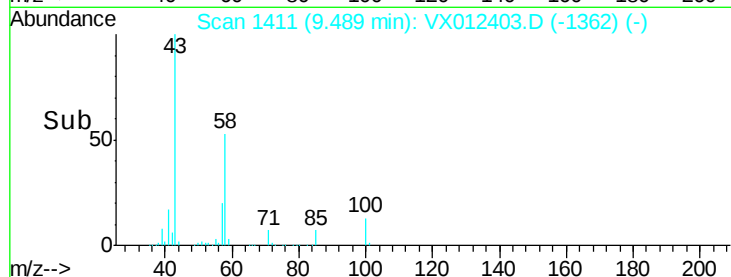
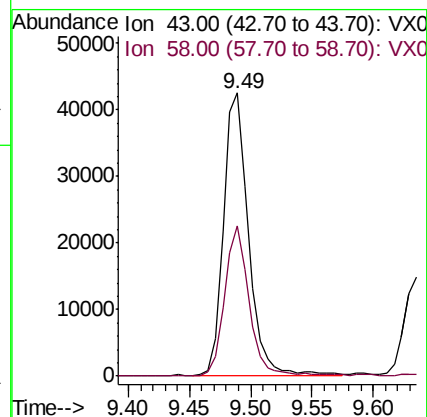
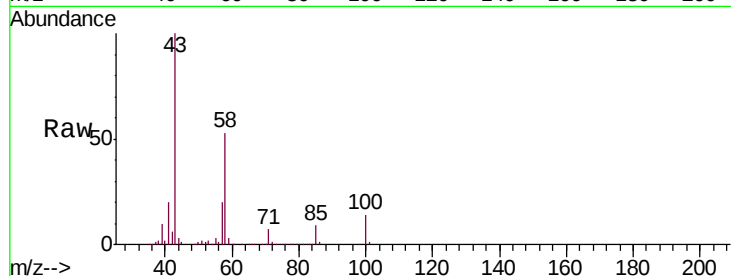




#59
2-Hexanone
Concen: 40.728 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

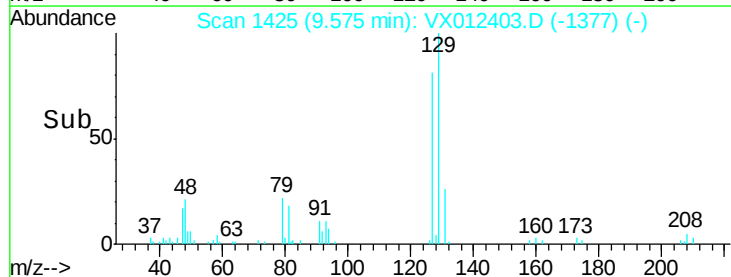
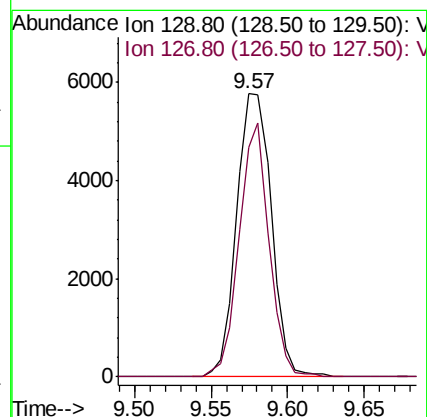
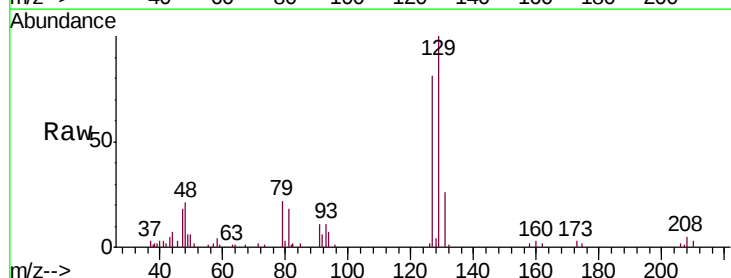
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

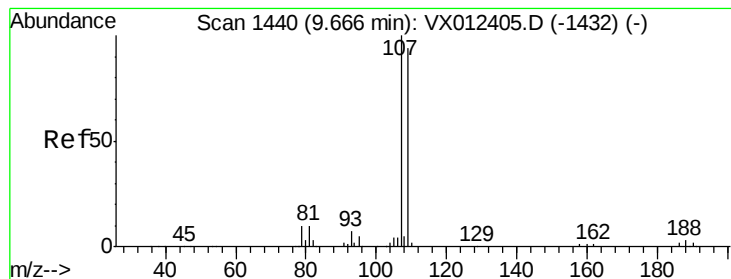
Tgt Ion: 43 Resp: 60505
Ion Ratio Lower Upper
43 100
58 52.1 26.4 79.0



#60
Dibromochloromethane
Concen: 6.176 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

Tgt Ion: 129 Resp: 9093
Ion Ratio Lower Upper
129 100
127 77.3 38.1 114.3





#61

1,2-Dibromoethane

Concen: 6.133 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

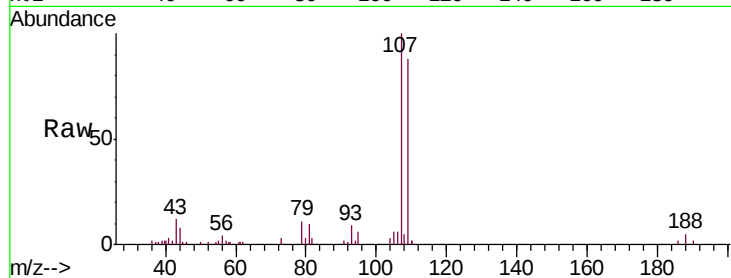
VSTDIC005

Tgt Ion: 107 Resp: 8683

Ion Ratio Lower Upper

107 100

109 92.3 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

6000

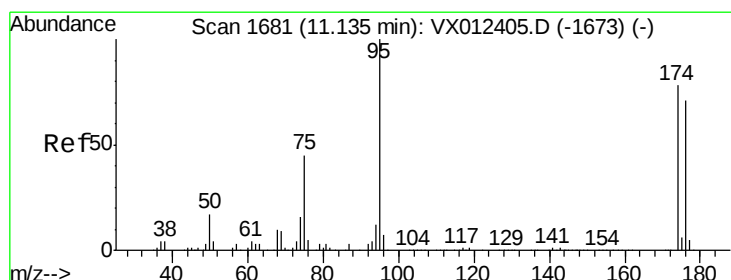
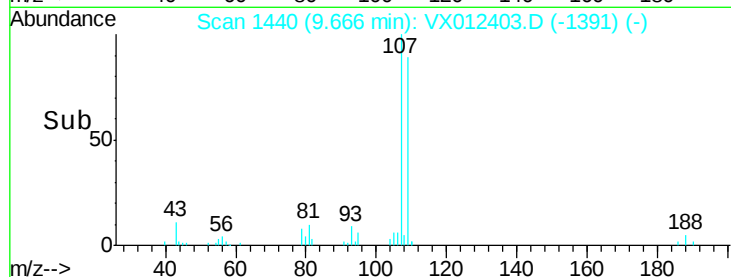
4000

2000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 8.311 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

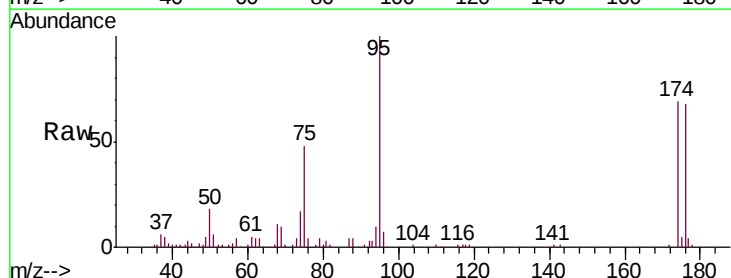
Tgt Ion: 95 Resp: 15896

Ion Ratio Lower Upper

95 100

174 72.1 0.0 146.0

176 69.8 0.0 137.6



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

15000

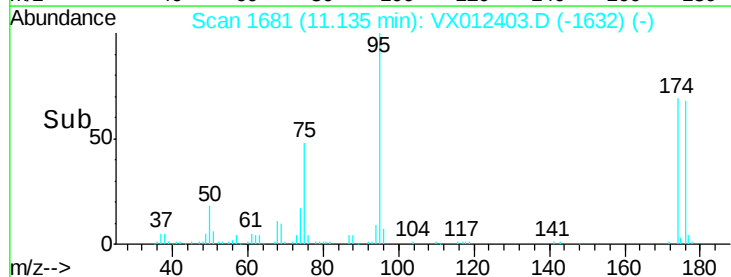
10000

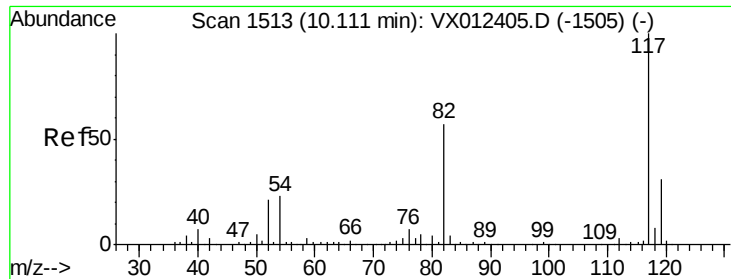
5000

0

11.05 11.10 11.15 11.20

Time-->

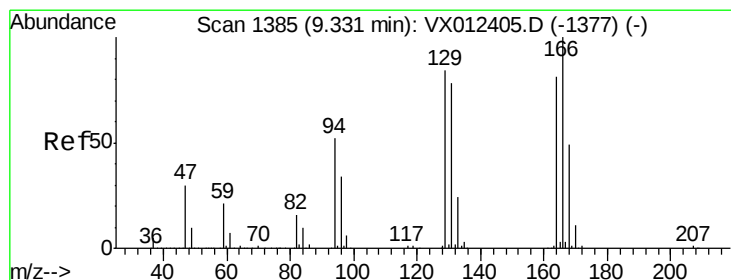
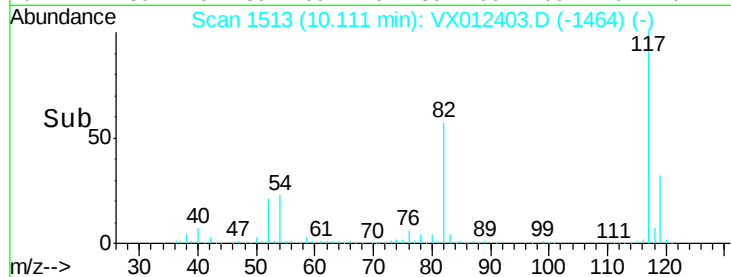
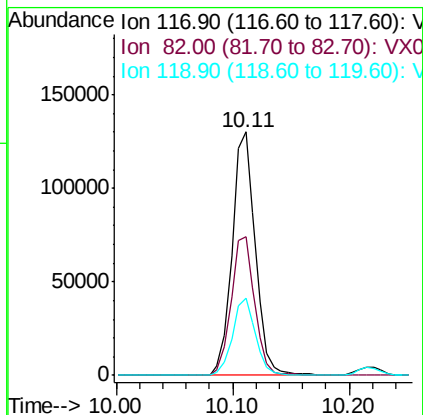
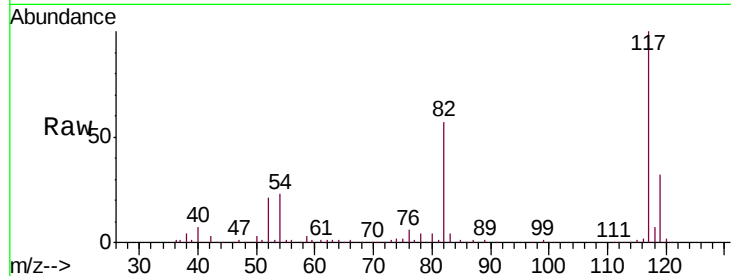




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

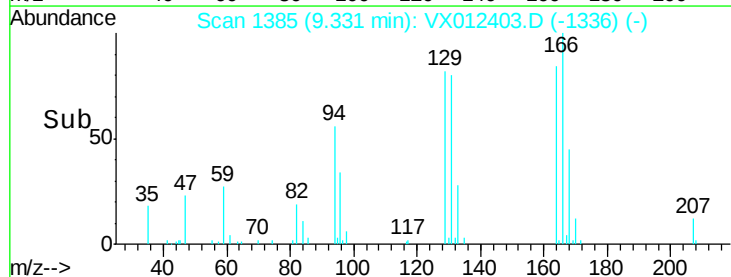
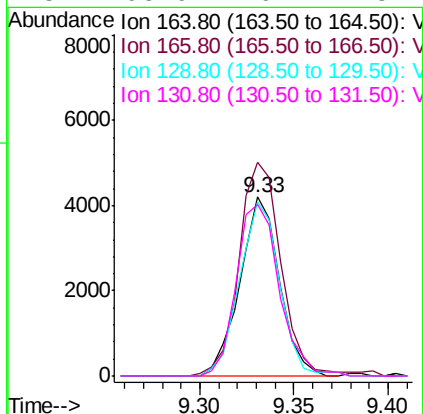
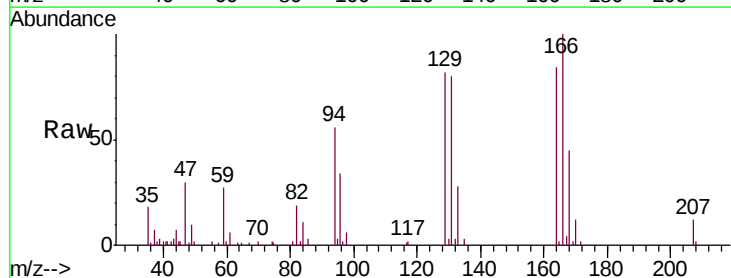
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

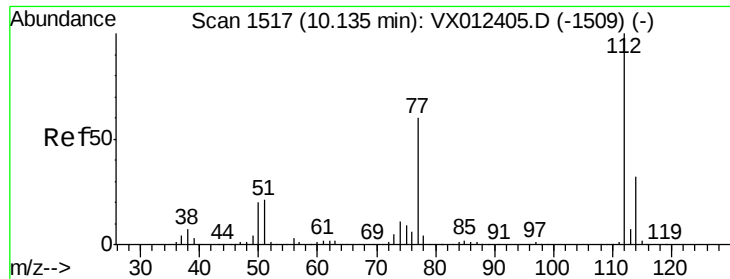
Tgt Ion:117 Resp: 180517
Ion Ratio Lower Upper
117 100
82 57.0 45.8 68.6
119 31.6 24.9 37.3



#64
Tetrachloroethene
Concen: 4.357 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

Tgt Ion:164 Resp: 6084
Ion Ratio Lower Upper
164 100
166 119.2 98.2 147.4
129 97.5 82.6 123.8
131 95.9 76.7 115.1





#65

Chlorobenzene

Concen: 5.773 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

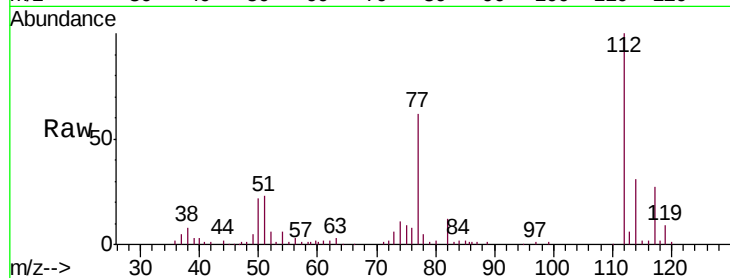
VSTDIC005

Tgt Ion:112 Resp: 21325

Ion Ratio Lower Upper

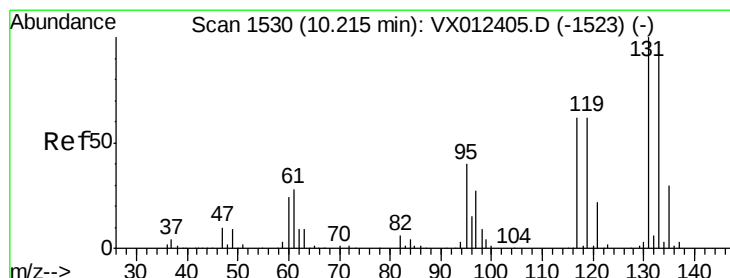
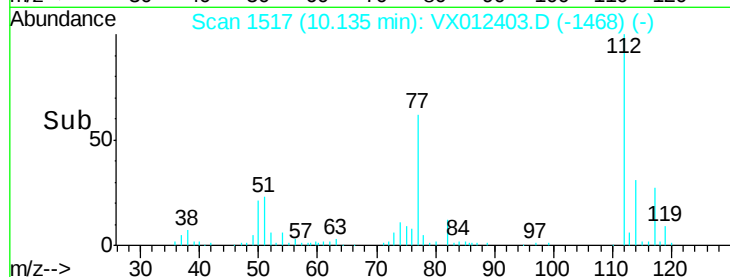
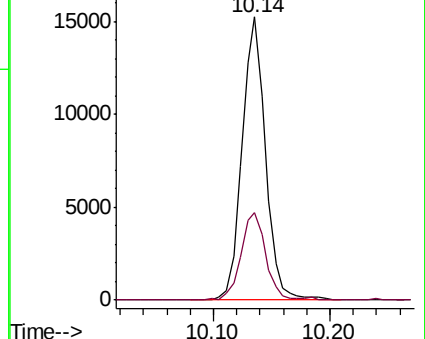
112 100

114 31.0 25.4 38.2



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: 6.368 ug/l

RT: 10.22 min Scan# 1531

Delta R.T. 0.01 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

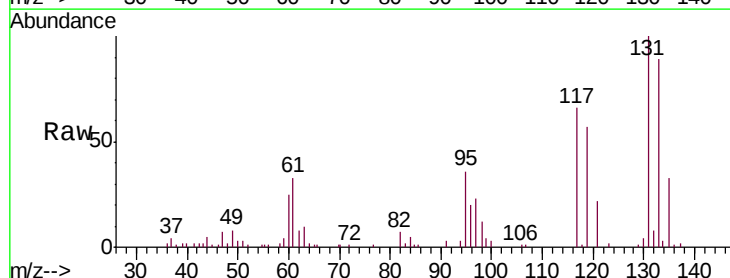
Tgt Ion:131 Resp: 9008

Ion Ratio Lower Upper

131 100

133 96.5 48.4 145.0

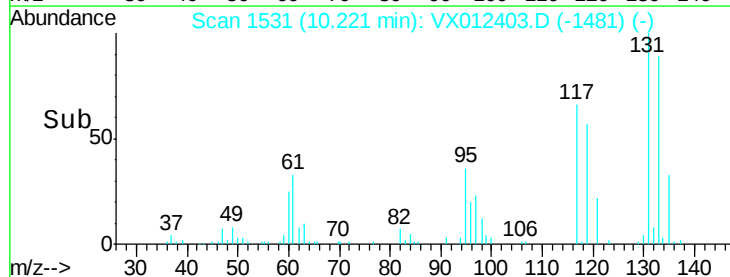
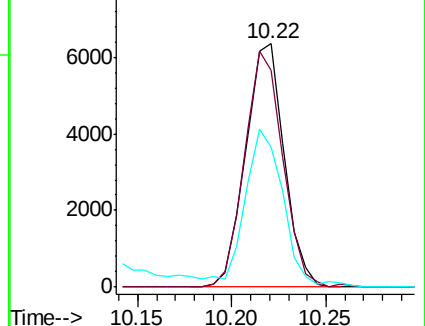
119 64.9 31.6 94.7

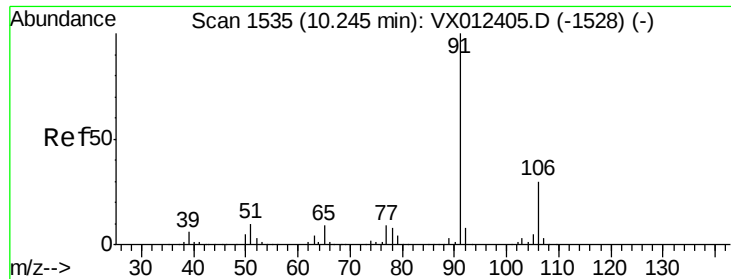


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 5.837 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

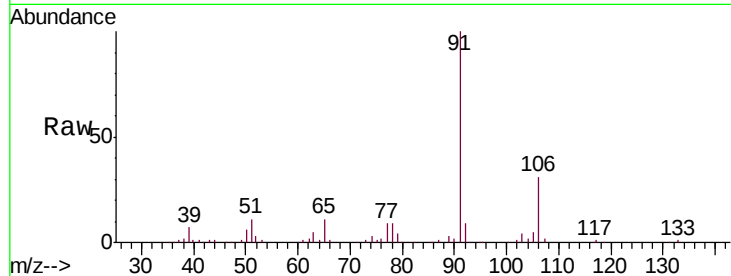
VSTDIC005

Tgt Ion: 91 Resp: 35912

Ion Ratio Lower Upper

91 100

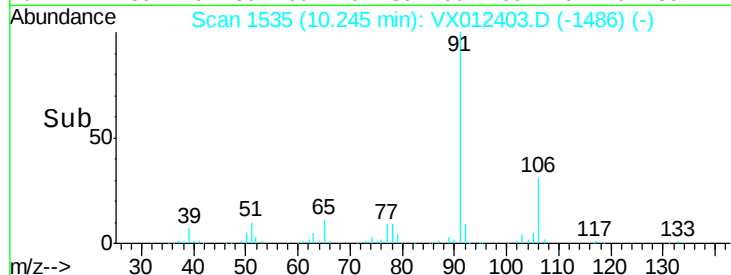
106 31.1 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX012403.D (-1486) (-)

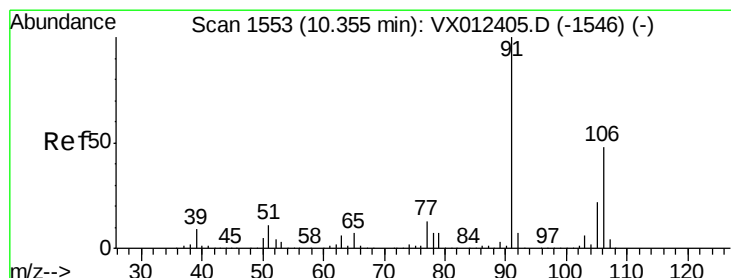
Ion 106.00 (105.70 to 106.70): VX012403.D (-1486) (-)

Time-->



Abundance

Time-->



#68

m/p-Xylenes

Concen: 11.153 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012403.D

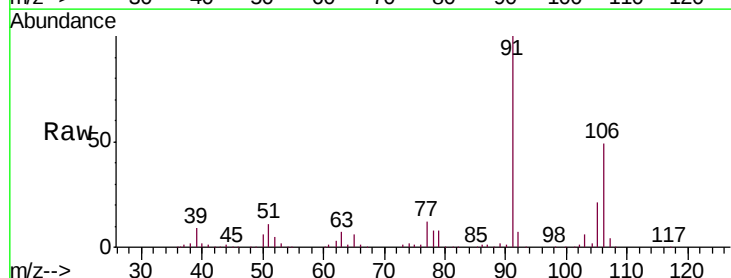
Acq: 16 Sep 2019 12:47

Tgt Ion: 106 Resp: 26133

Ion Ratio Lower Upper

106 100

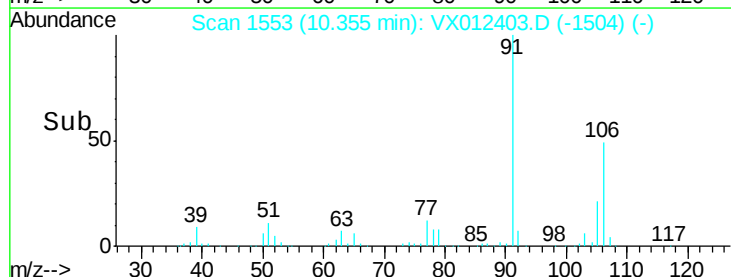
91 207.0 167.4 251.0



Abundance Ion 106.00 (105.70 to 106.70): VX012403.D (-1504) (-)

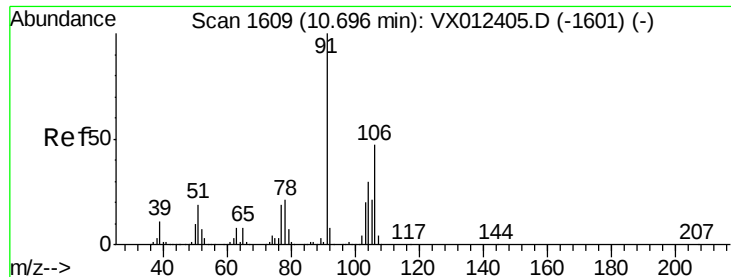
Ion 91.00 (90.70 to 91.70): VX012403.D (-1504) (-)

Time-->



Abundance

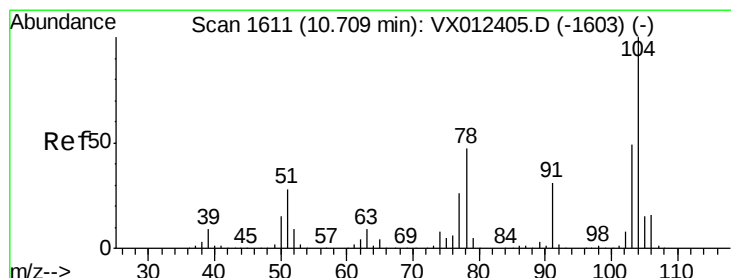
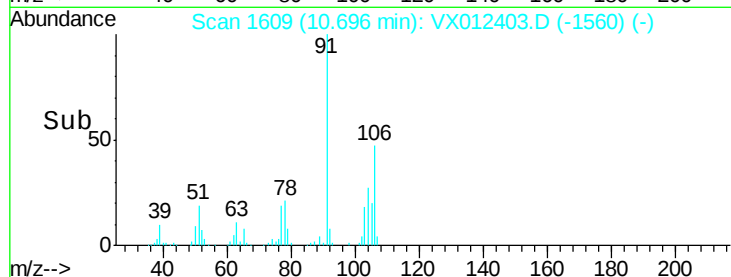
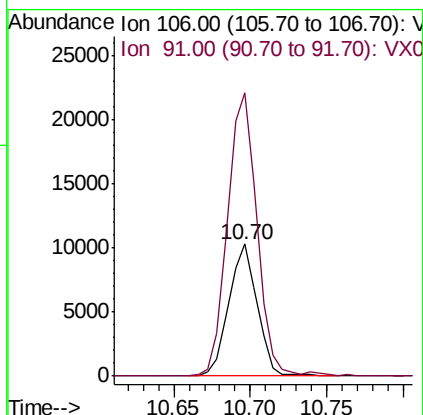
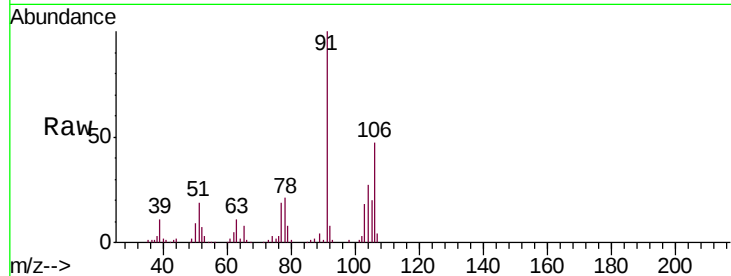
Time-->



#69
o-Xylene
Concen: 5.694 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

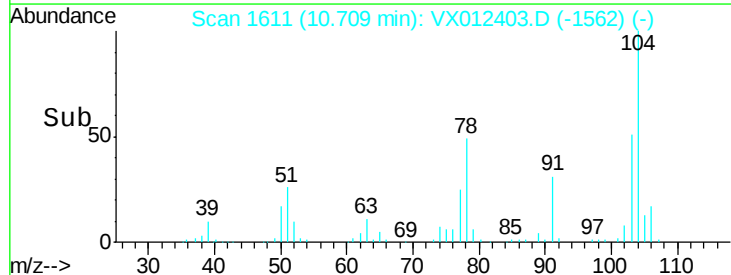
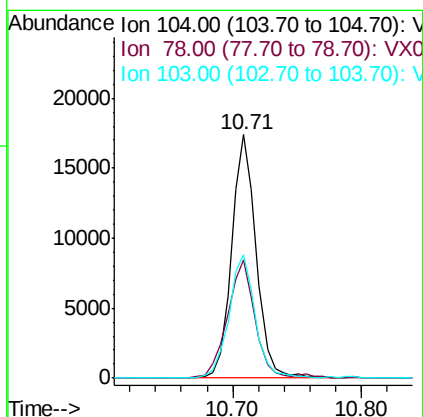
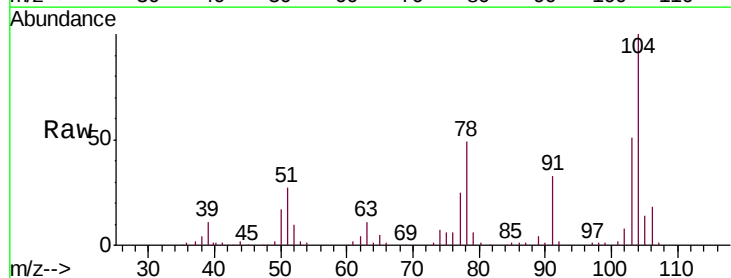
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

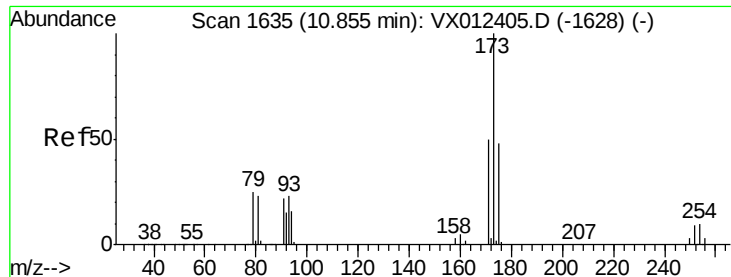
Tgt Ion:106 Resp: 13269
Ion Ratio Lower Upper
106 100
91 220.1 107.8 323.6



#70
Styrene
Concen: 5.875 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

Tgt Ion:104 Resp: 23187
Ion Ratio Lower Upper
104 100
78 53.9 42.3 63.5
103 54.5 42.9 64.3

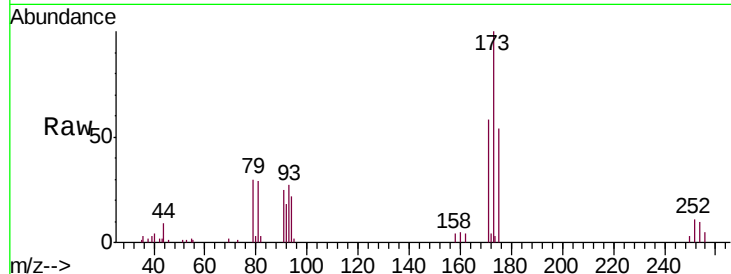




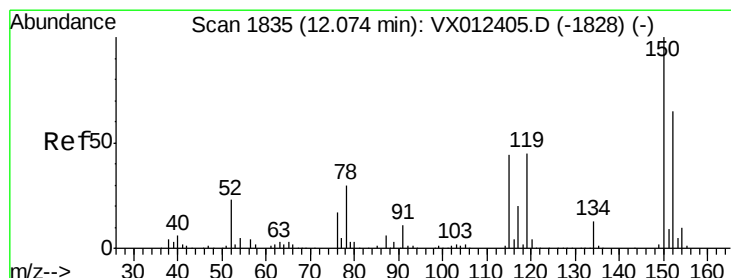
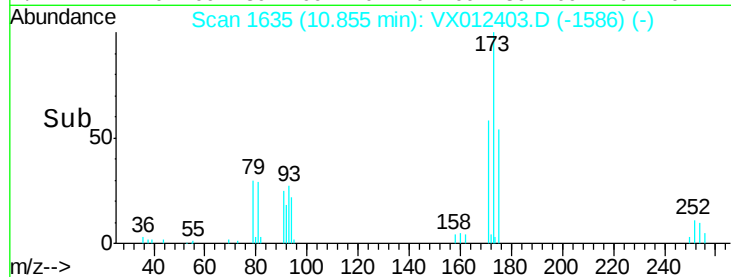
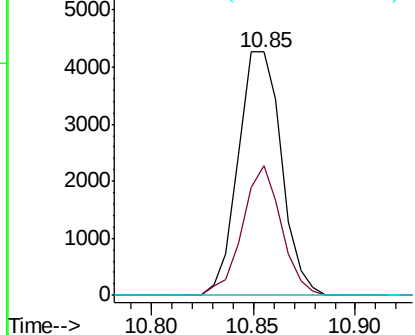
#71
 Bromoform
 Concen: 5.267 ug/l
 RT: 10.85 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: VX012403.D
 Acq: 16 Sep 2019 12:47

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tgt Ion:173 Resp: 6289
 Ion Ratio Lower Upper
 173 100
 175 47.9 24.3 73.0
 254 0.0 0.1 0.1#

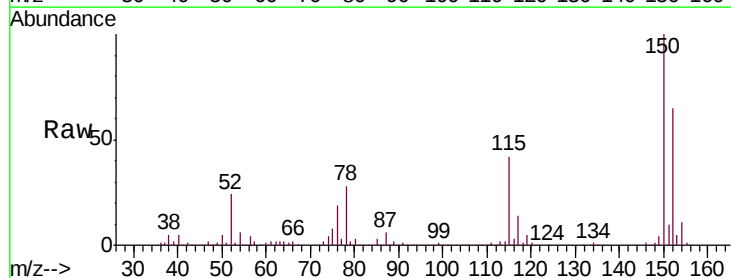


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

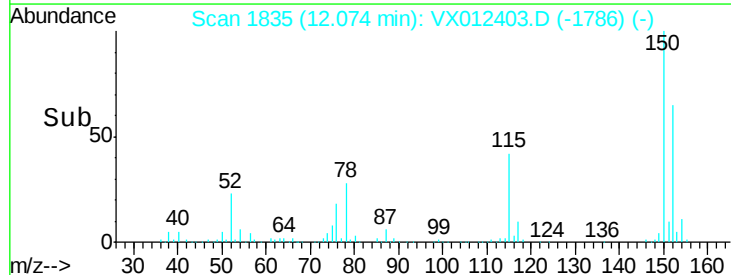
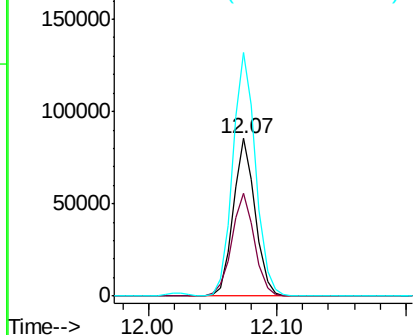


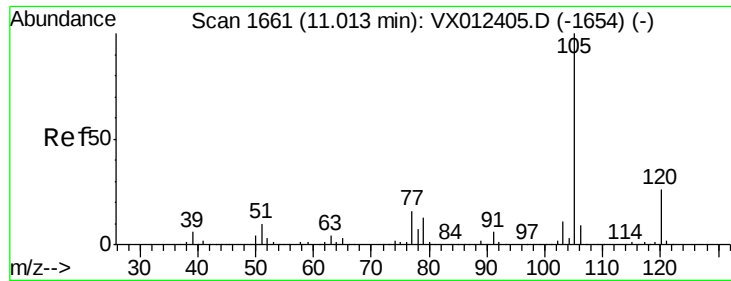
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX012403.D
 Acq: 16 Sep 2019 12:47

Tgt Ion:152 Resp: 101476
 Ion Ratio Lower Upper
 152 100
 115 68.0 45.3 135.9
 150 161.6 0.0 354.0



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





#73

Isopropylbenzene

Concen: 5.865 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

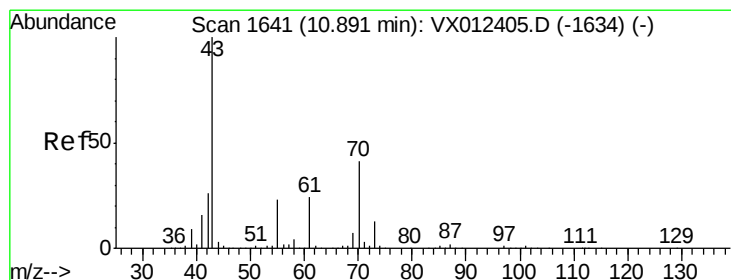
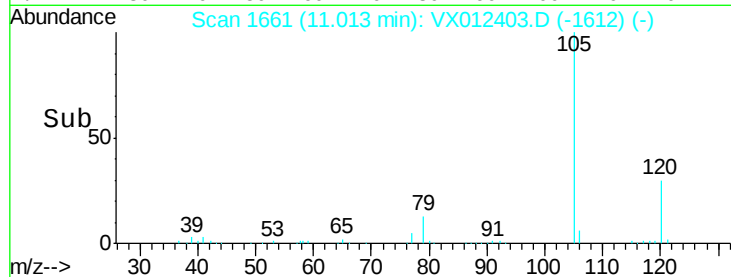
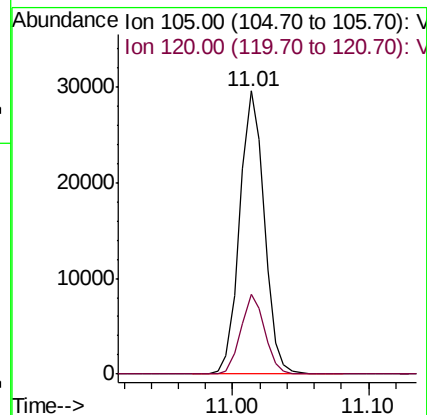
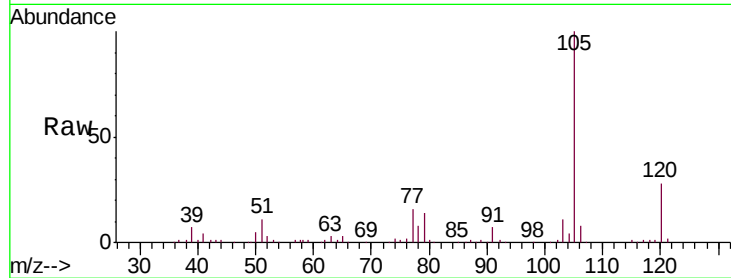
VSTDIC005

Tgt Ion: 105 Resp: 37292

Ion Ratio Lower Upper

105 100

120 27.4 13.2 39.6



#74

N-ethyl acetate

Concen: 7.548 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

Tgt Ion: 43 Resp: 19967

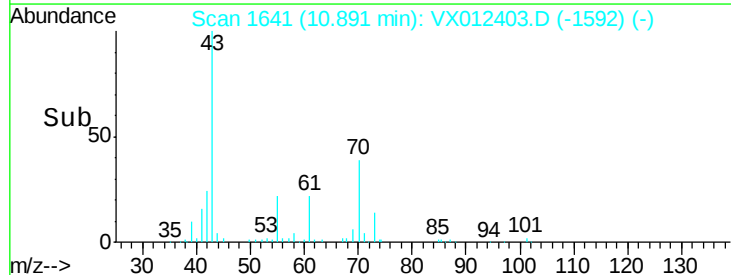
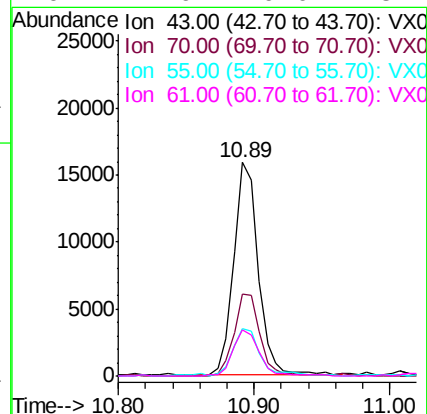
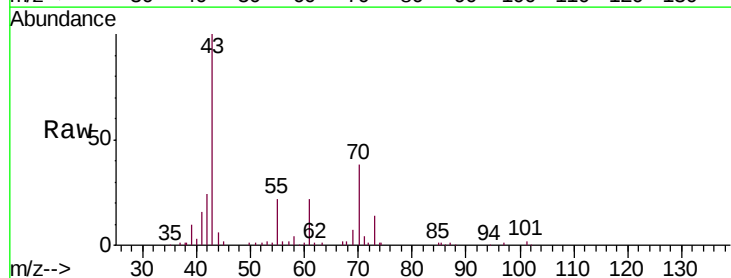
Ion Ratio Lower Upper

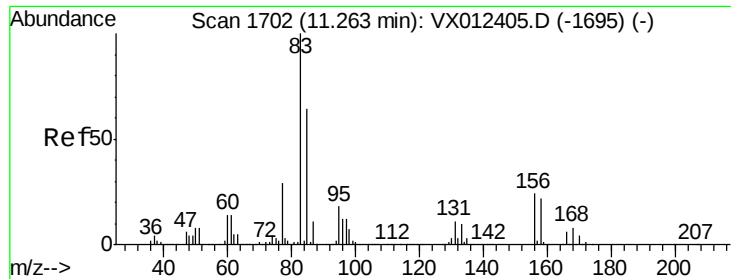
43 100

70 40.5 32.7 49.1

55 26.0 18.9 28.3

61 22.9 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 7.316 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

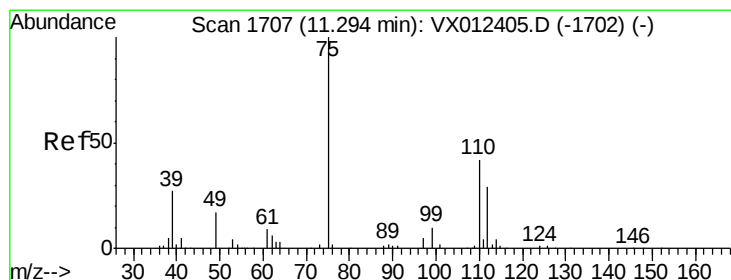
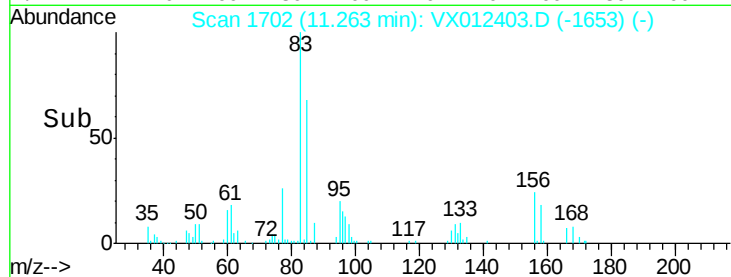
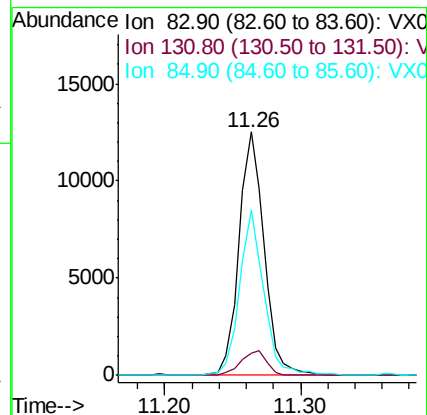
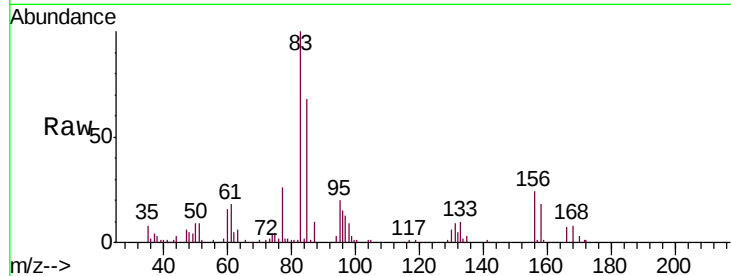
Tgt Ion: 83 Resp: 16077

Ion Ratio Lower Upper

83 100

131 10.2 5.5 16.4

85 65.5 32.9 98.7



#76

1,2,3-Trichloropropane

Concen: 9.065 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012403.D

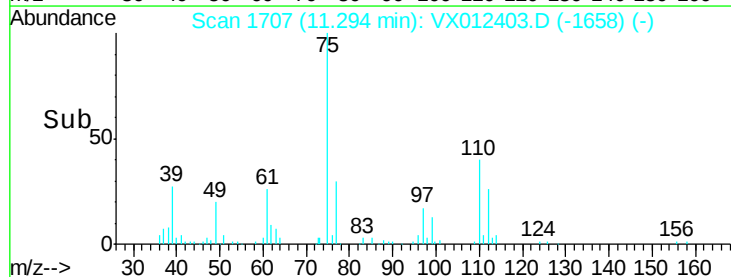
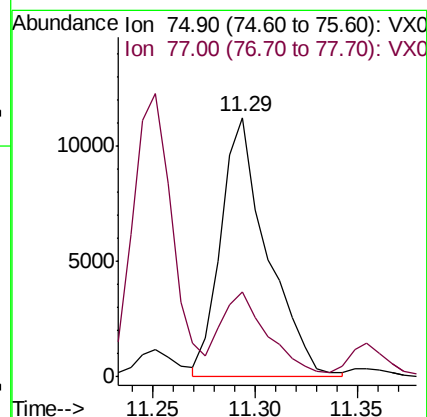
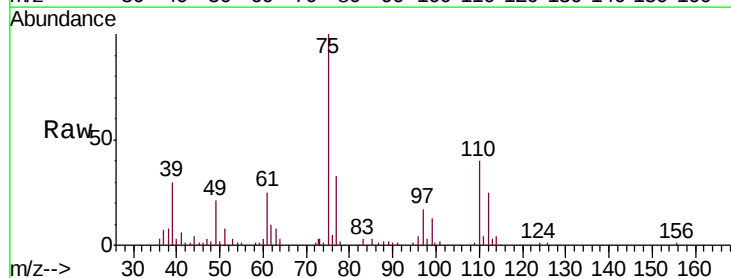
Acq: 16 Sep 2019 12:47

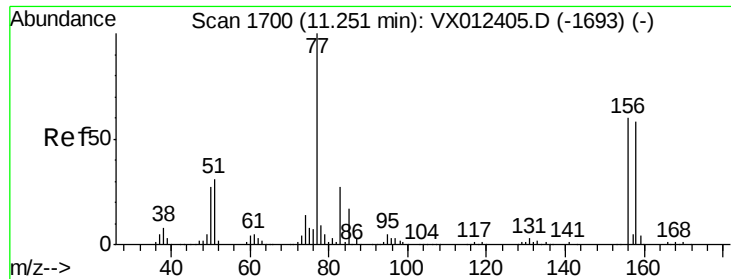
Tgt Ion: 75 Resp: 17806

Ion Ratio Lower Upper

75 100

77 33.6 19.4 58.2





#77

Bromobenzene

Concen: 5.336 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012403.D

Acq: 16 Sep 2019 12:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

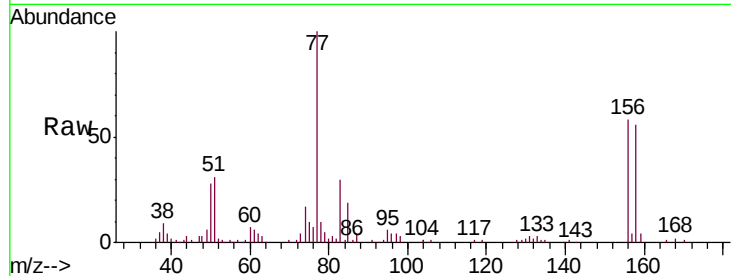
Tgt Ion:156 Resp: 9778

Ion Ratio Lower Upper

156 100

77 170.0 84.8 254.3

158 91.7 47.9 143.6



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

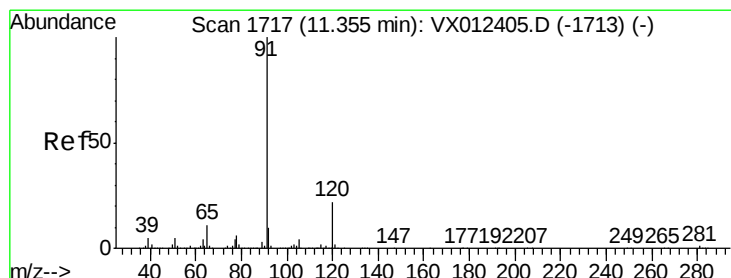
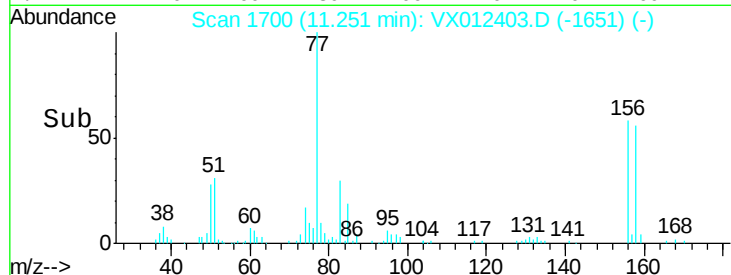
15000

10000

5000

0

Time-->



#78

n-propylbenzene

Concen: 5.909 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012403.D

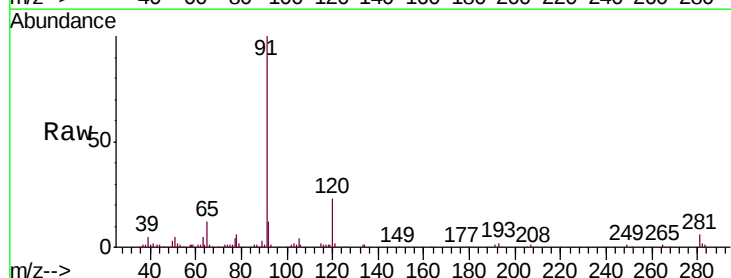
Acq: 16 Sep 2019 12:47

Tgt Ion: 91 Resp: 40430

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

40000

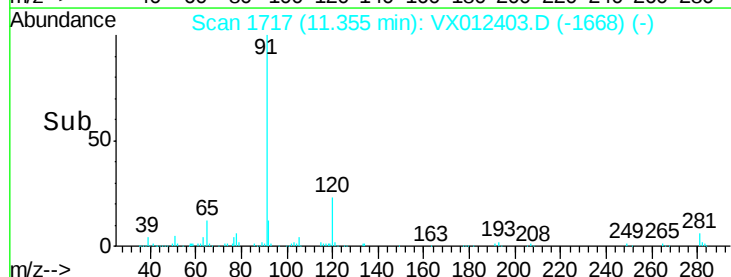
30000

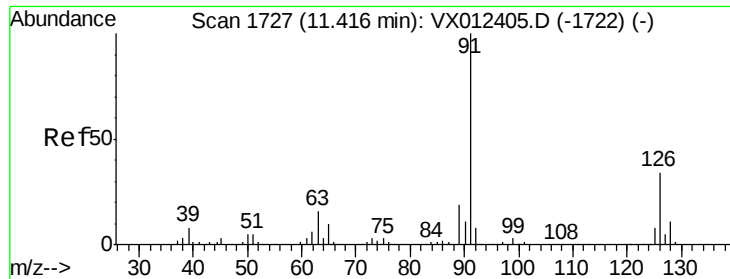
20000

10000

0

Time-->

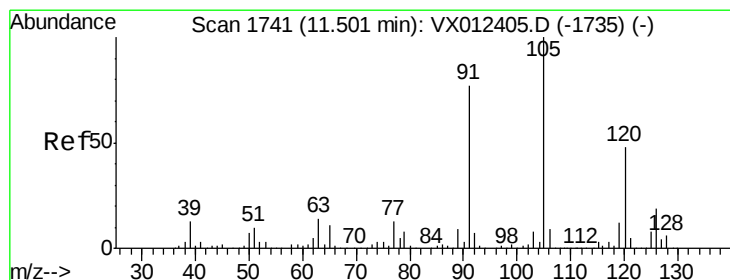
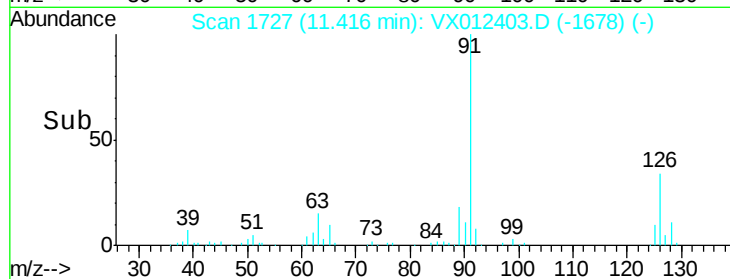
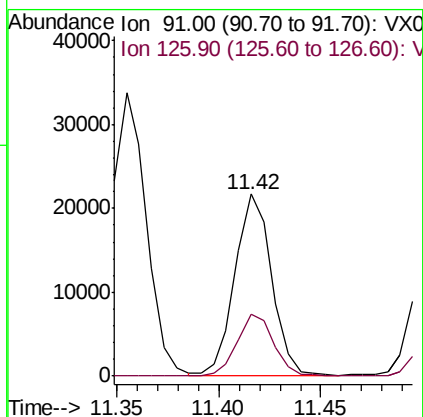
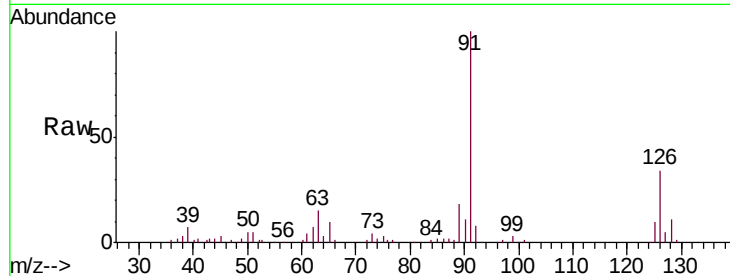




#79
2-Chlorotoluene
Concen: 6.236 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

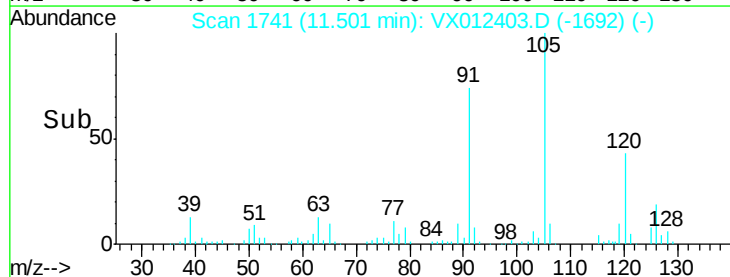
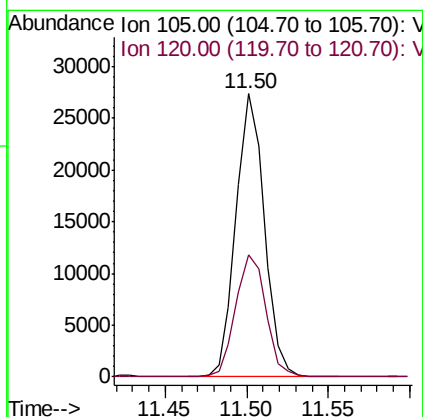
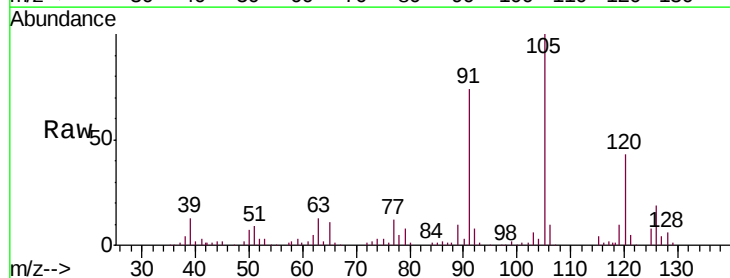
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

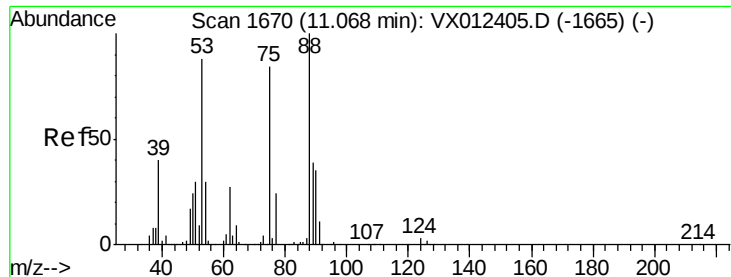
Tgt Ion: 91 Resp: 26763
Ion Ratio Lower Upper
91 100
126 34.7 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 6.267 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

Tgt Ion: 105 Resp: 33434
Ion Ratio Lower Upper
105 100
120 45.8 24.3 72.9

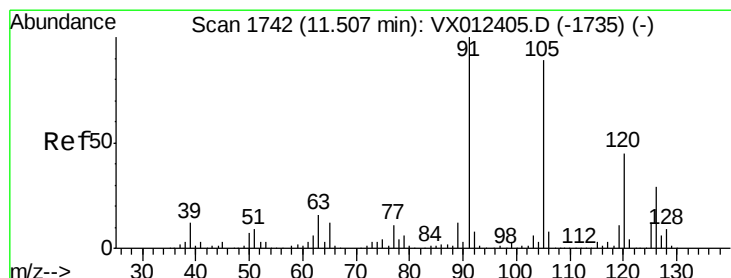
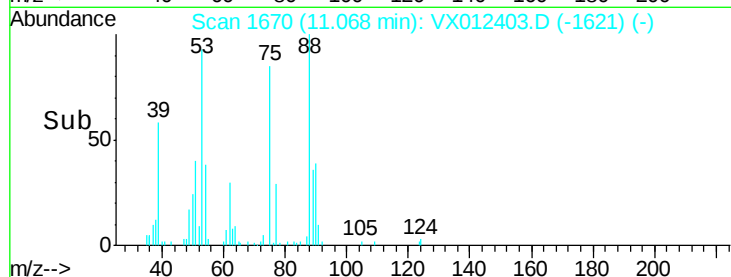
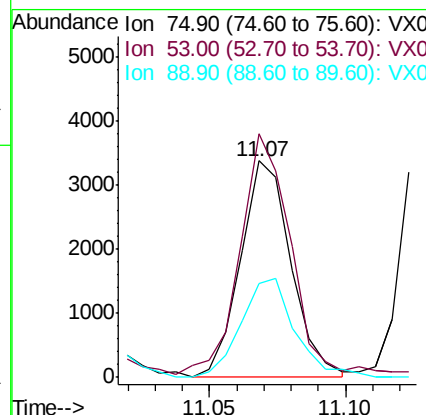
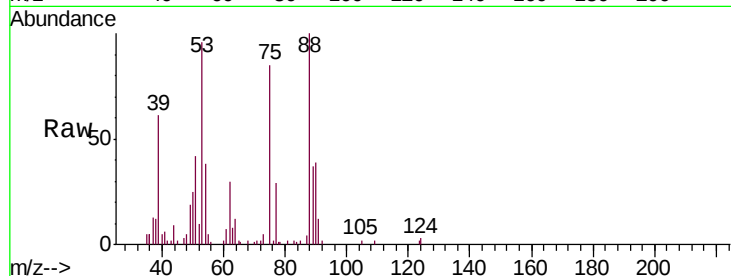




#81
trans-1,4-Dichloro-2-butene
Concen: 6.620 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

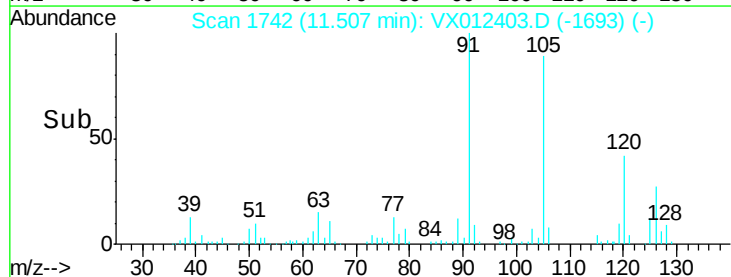
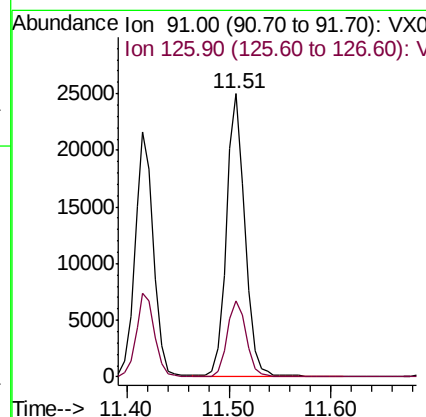
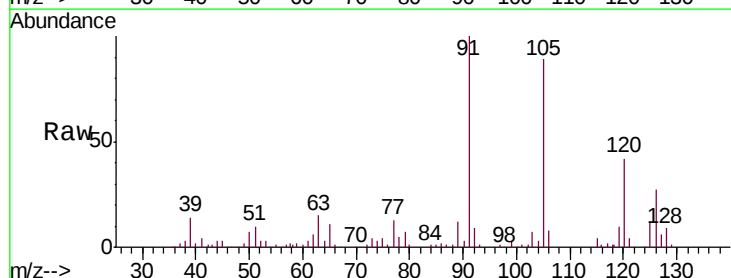
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

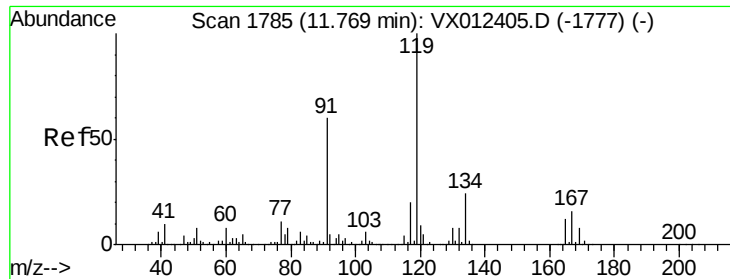
Tgt Ion: 75 Resp: 4351
Ion Ratio Lower Upper
75 100
53 115.5 84.6 127.0
89 48.9 38.8 58.2



#82
4-Chlorotoluene
Concen: 6.395 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

Tgt Ion: 91 Resp: 31777
Ion Ratio Lower Upper
91 100
126 27.6 14.1 42.3

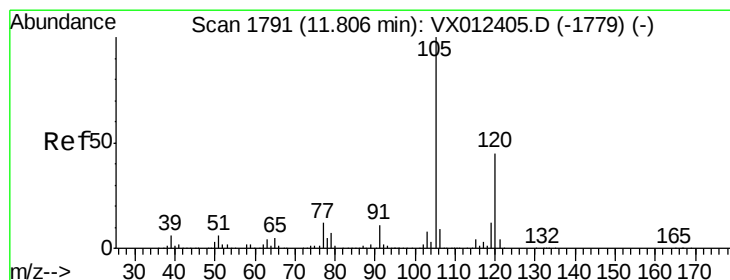
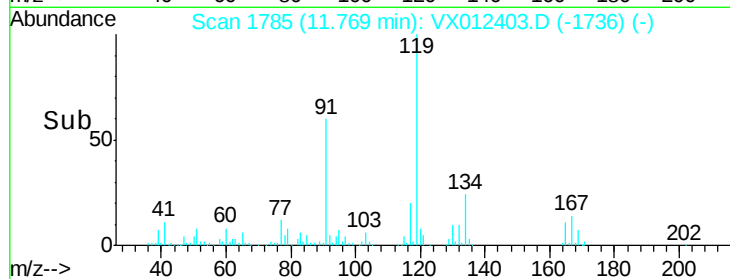
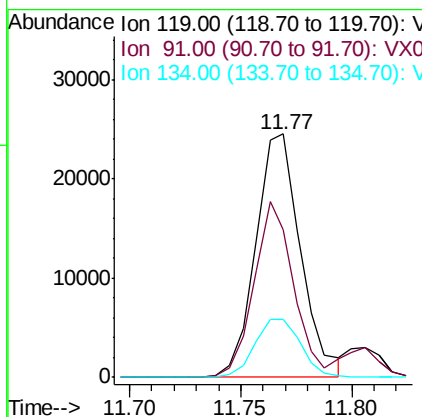
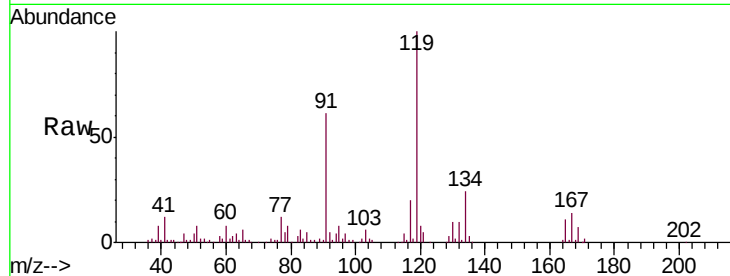




#83
 tert-Butylbenzene
 Concen: 6.467 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012403.D
 Acq: 16 Sep 2019 12:47

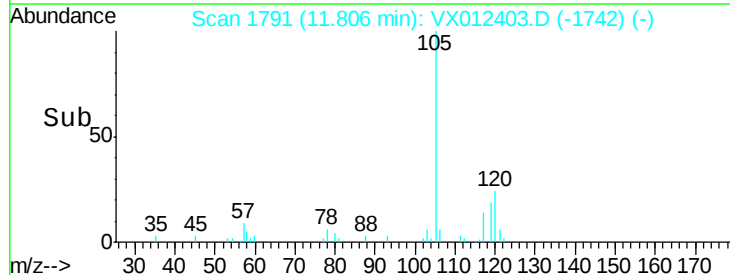
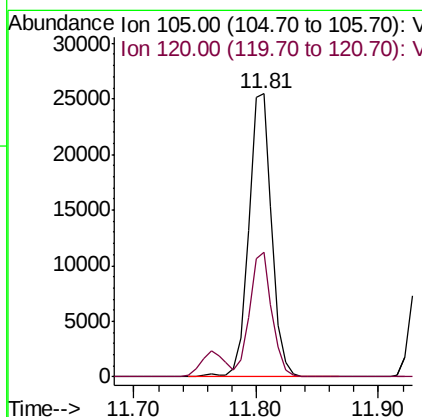
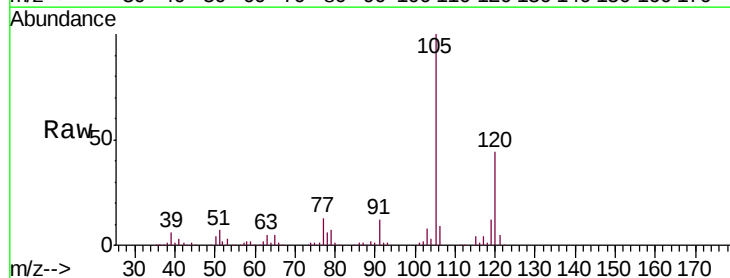
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

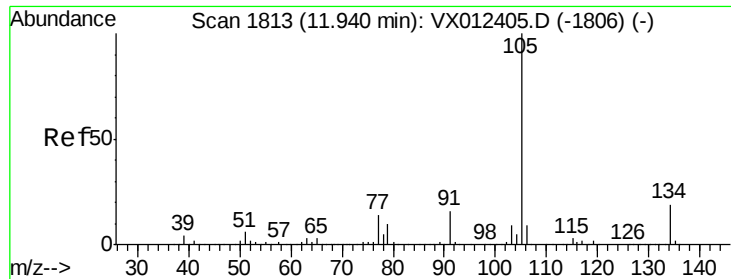
Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.3	29.6	88.8
134	24.5	11.4	34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 6.134 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012403.D
 Acq: 16 Sep 2019 12:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.2	22.1	66.5

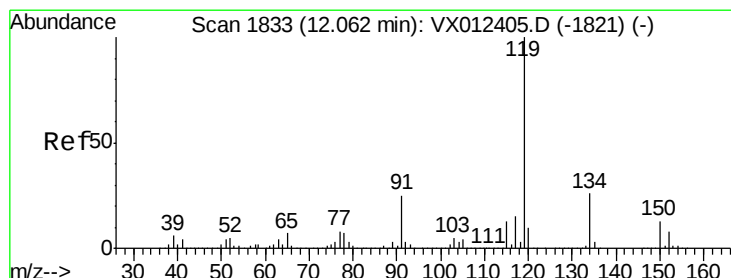
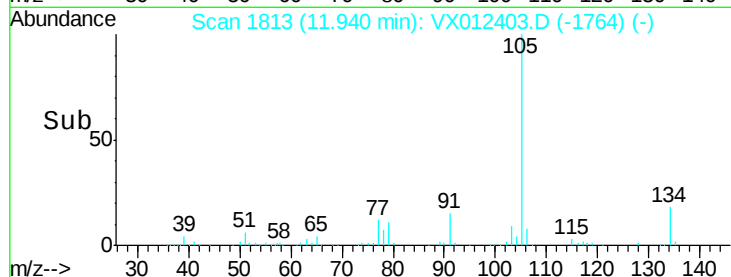
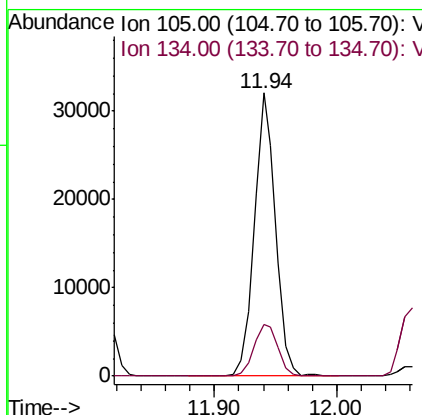
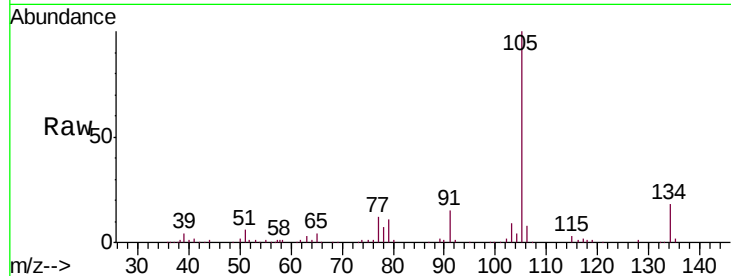




#85
 sec-Butylbenzene
 Concen: 6.367 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012403.D
 Acq: 16 Sep 2019 12:47

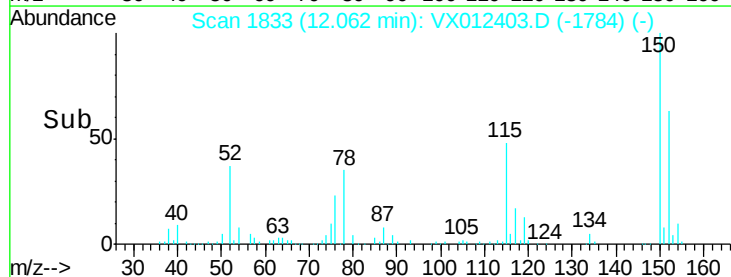
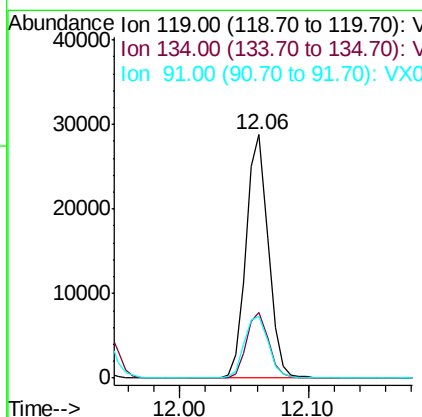
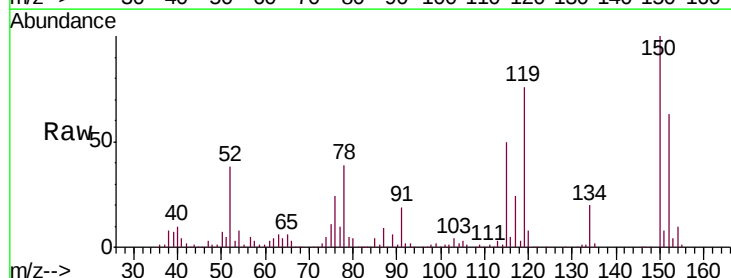
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

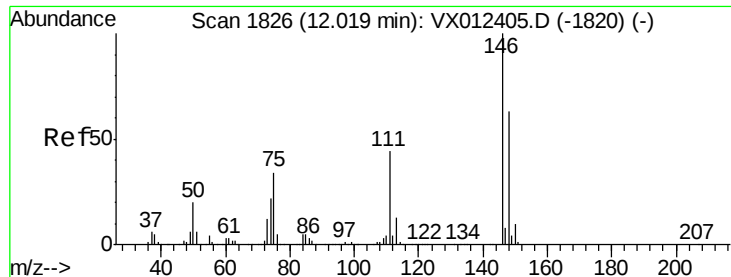
Tgt Ion:105 Resp: 38818
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 5.893 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012403.D
 Acq: 16 Sep 2019 12:47

Tgt Ion:119 Resp: 34142
 Ion Ratio Lower Upper
 119 100
 134 27.0 12.9 38.6
 91 28.0 12.9 38.6

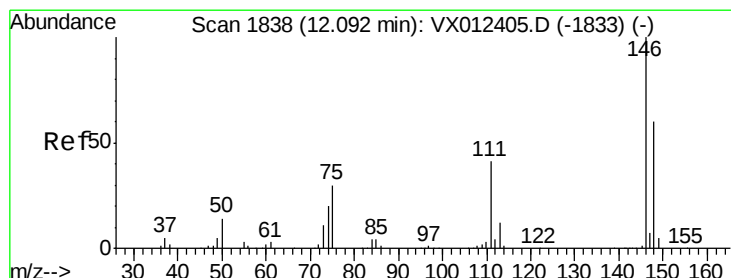
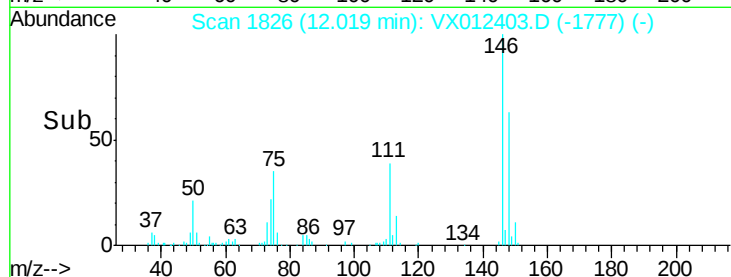
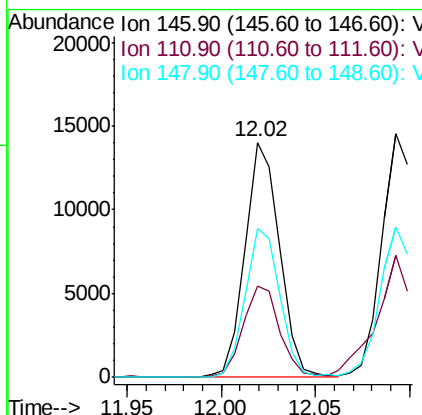
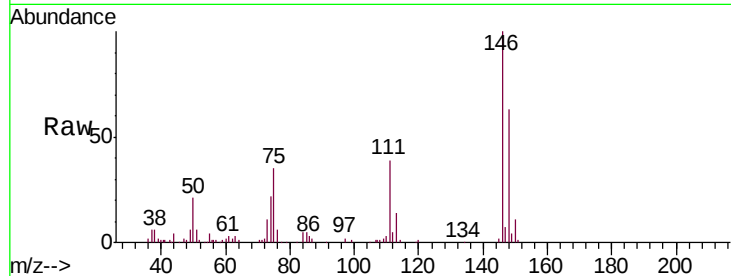




#87
 1,3-Dichlorobenzene
 Concen: 5.646 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012403.D
 Acq: 16 Sep 2019 12:47

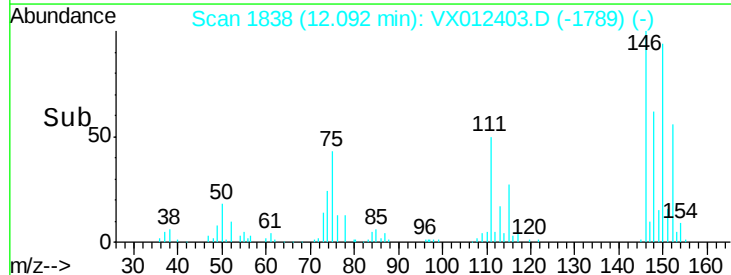
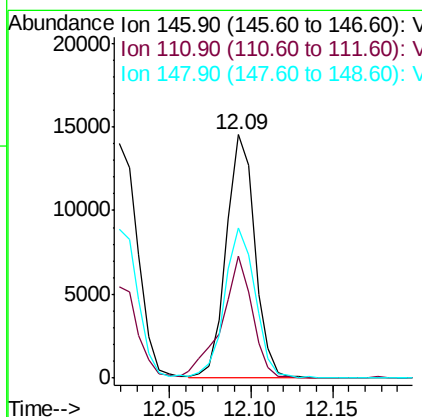
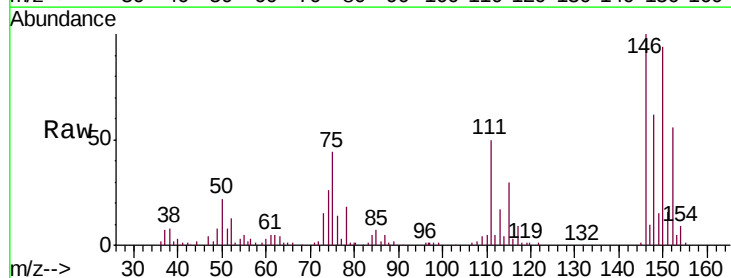
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

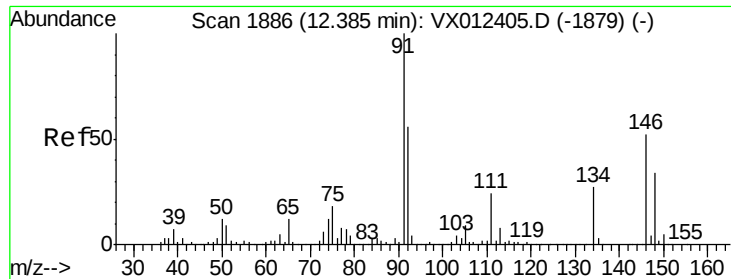
Tgt Ion:146 Resp: 17929
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.3 64.0
 148 63.5 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 5.509 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012403.D
 Acq: 16 Sep 2019 12:47

Tgt Ion:146 Resp: 17793
 Ion Ratio Lower Upper
 146 100
 111 53.9 20.6 61.9
 148 66.1 31.6 94.8

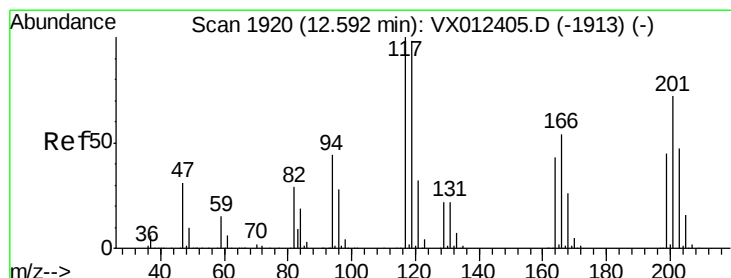
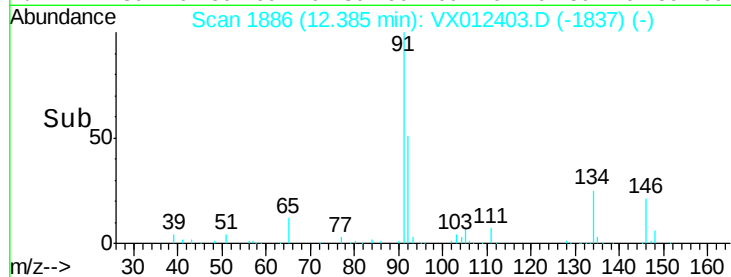
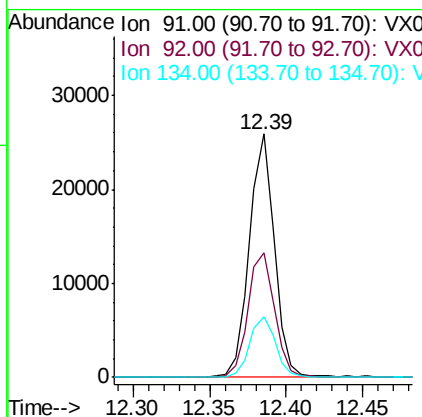
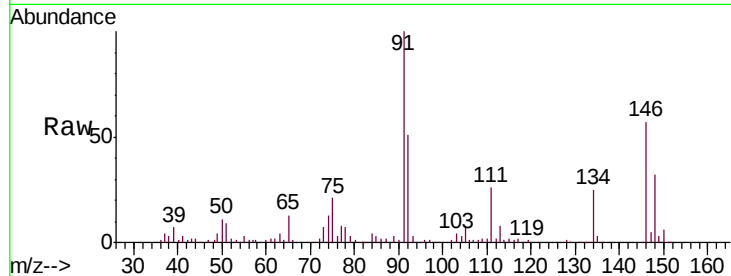




#89
n-Butylbenzene
Concen: 6.078 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

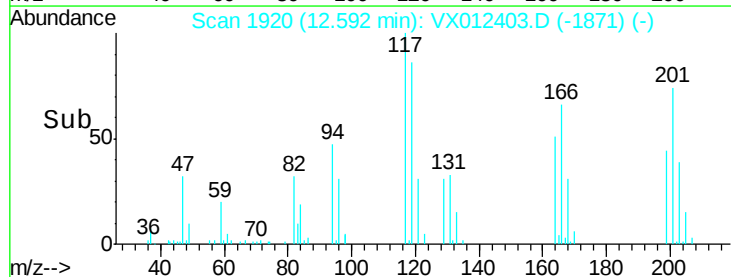
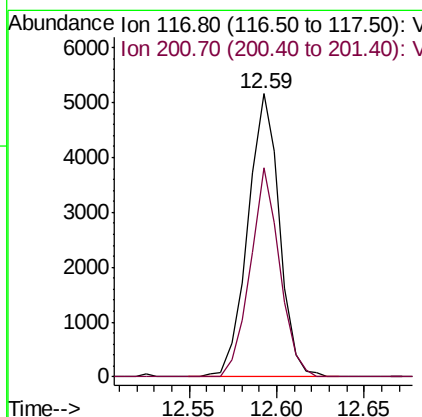
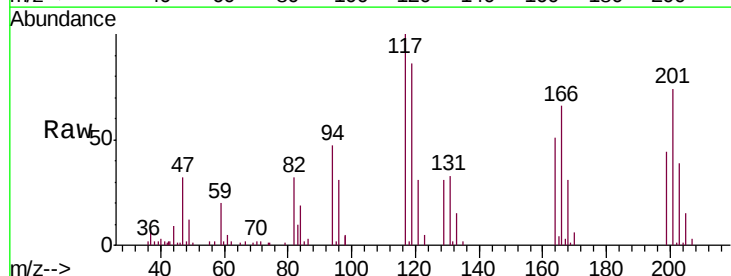
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

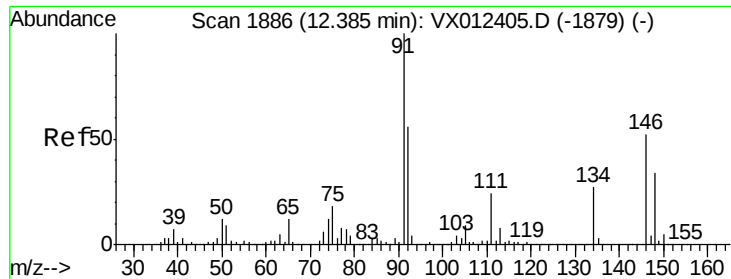
Tgt Ion: 91 Resp: 29580
Ion Ratio Lower Upper
91 100
92 54.2 27.5 82.4
134 25.8 13.2 39.6



#90
Hexachloroethane
Concen: 6.860 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

Tgt Ion: 117 Resp: 6456
Ion Ratio Lower Upper
117 100
201 68.9 35.2 105.6

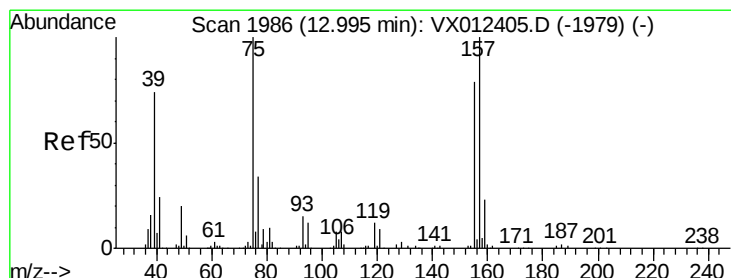
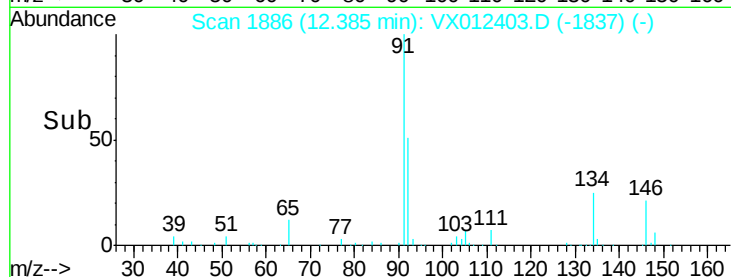
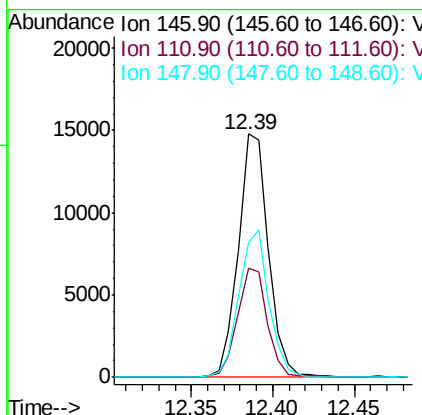
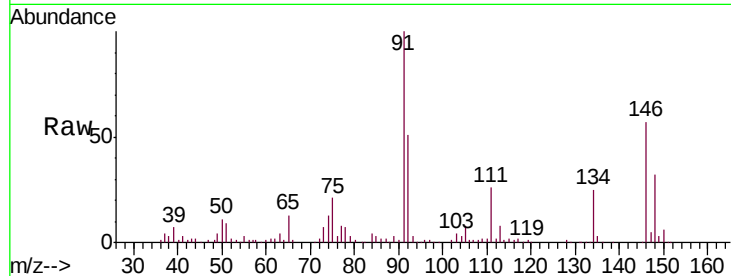




#91
 1,2-Dichlorobenzene
 Concen: 5.883 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012403.D
 Acq: 16 Sep 2019 12:47

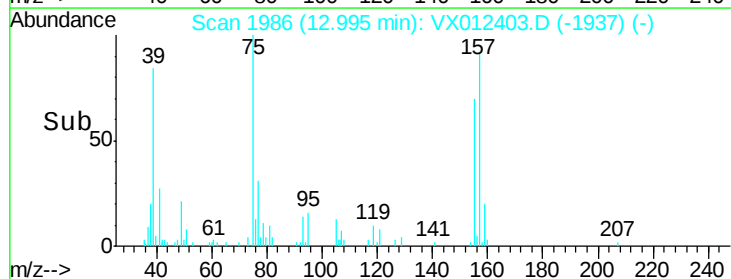
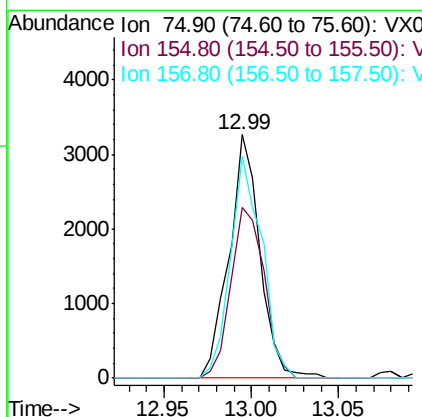
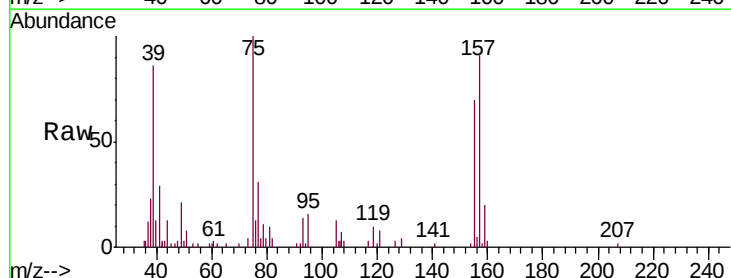
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

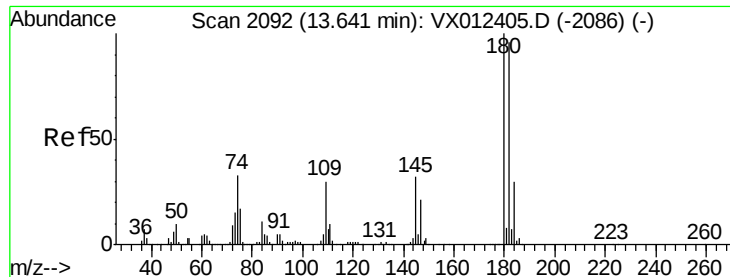
Tgt Ion: 146 Resp: 19017
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.3 66.9
 148 60.1 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 7.644 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012403.D
 Acq: 16 Sep 2019 12:47

Tgt Ion: 75 Resp: 4022
 Ion Ratio Lower Upper
 75 100
 155 75.5 39.8 119.4
 157 92.5 50.0 150.1

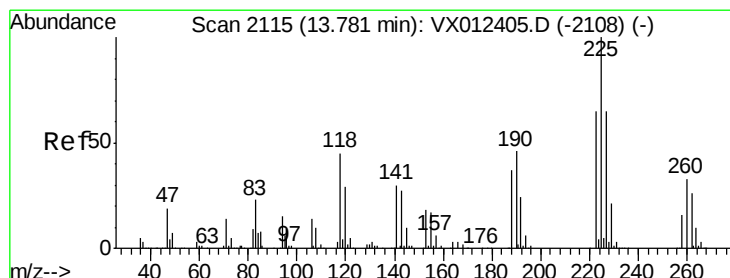
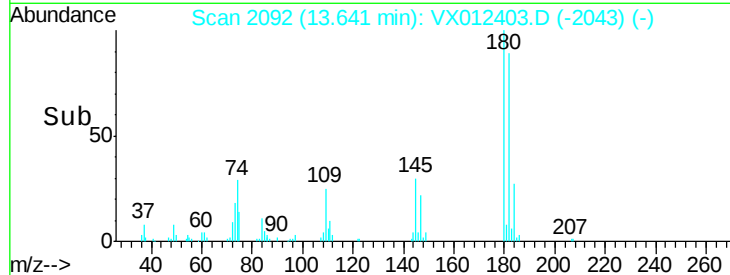
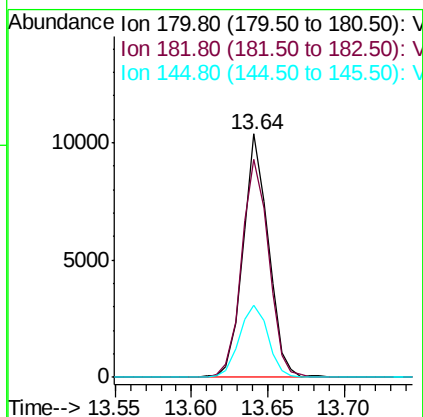
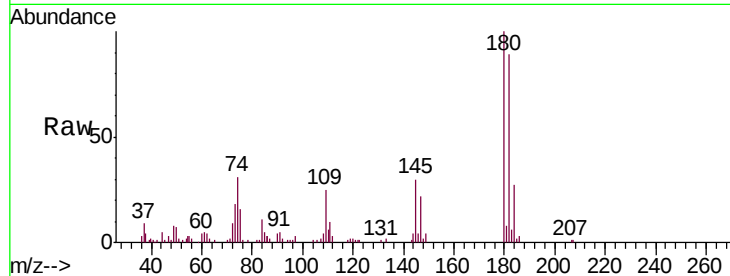




#93
 1,2,4-Trichlorobenzene
 Concen: 5.122 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012403.D
 Acq: 16 Sep 2019 12:47

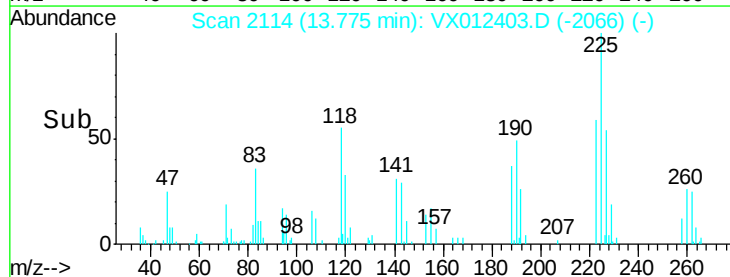
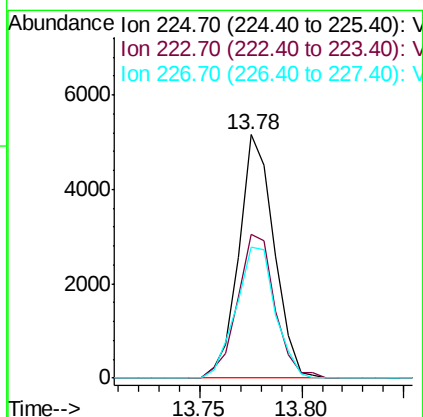
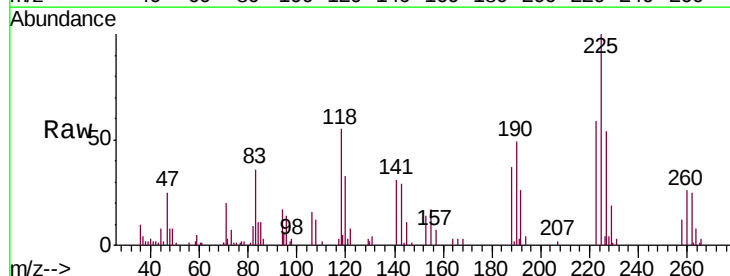
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

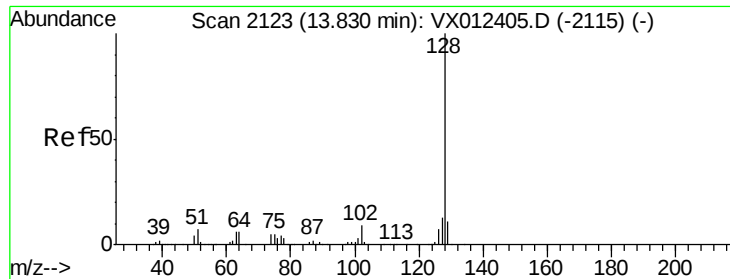
Tgt Ion:180 Resp: 11927
 Ion Ratio Lower Upper
 180 100
 182 95.4 48.1 144.4
 145 33.5 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 4.866 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012403.D
 Acq: 16 Sep 2019 12:47

Tgt Ion:225 Resp: 6148
 Ion Ratio Lower Upper
 225 100
 223 62.7 32.0 96.0
 227 60.0 32.8 98.3

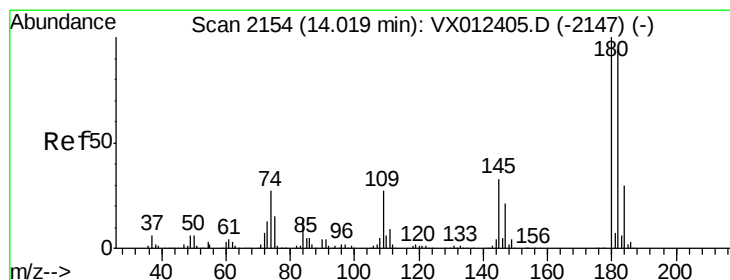
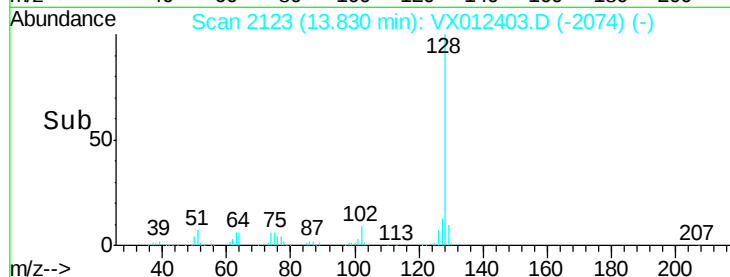
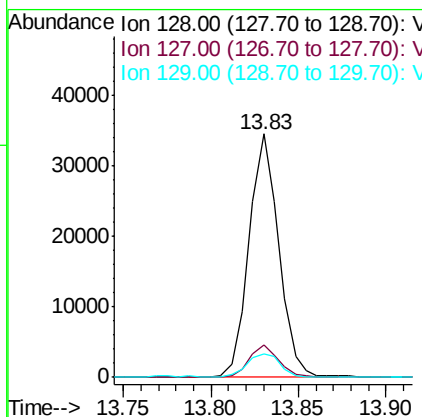
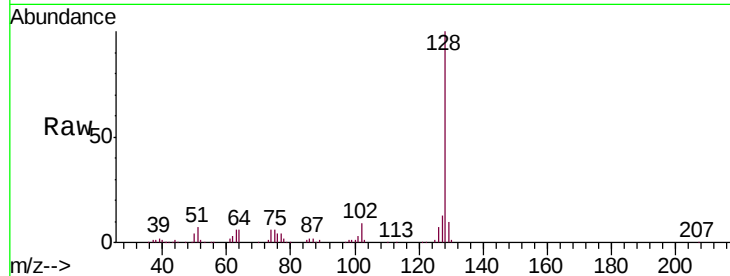




#95
Naphthalene
Concen: 6.024 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 40804
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 5.296 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX012403.D
Acq: 16 Sep 2019 12:47

Tgt Ion:180 Resp: 12441
Ion Ratio Lower Upper
180 100
182 95.3 46.9 140.8
145 36.5 17.6 52.9

