

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091219\
 Data File : VX012353.D
 Acq On : 12 Sep 2019 17:55
 Operator : SY/SP
 Sample : VX0912SBS02
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912SBS02

Quant Time: Sep 13 01:59:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	139773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	245964	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	229279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116246	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	94106	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
35) Dibromofluoromethane	5.48	113	75138	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
50) Toluene-d8	8.71	98	280528	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	11.14	95	118769	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	21992	19.245	ug/l	99
3) Chloromethane	1.31	50	21715	21.081	ug/l	96
4) Vinyl Chloride	1.40	62	20586	20.156	ug/l	98
5) Bromomethane	1.62	94	9746	20.842	ug/l	94
6) Chloroethane	1.70	64	13801	20.208	ug/l	96
7) Trichlorofluoromethane	1.91	101	36894	19.959	ug/l	99
8) Diethyl Ether	2.17	74	13200	20.928	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	25491	20.461	ug/l	98
10) Methyl Iodide	2.50	142	15404	12.991	ug/l	99
11) Tert butyl alcohol	3.03	59	30520	141.437	ug/l	95
12) 1,1-Dichloroethene	2.36	96	21647	20.467	ug/l	98
13) Acrolein	2.28	56	8972	86.853	ug/l	92
14) Allyl chloride	2.71	41	41107	19.063	ug/l	98
15) Acrylonitrile	3.13	53	40041	102.696	ug/l	99
16) Acetone	2.43	43	45413	97.077	ug/l	100
17) Carbon Disulfide	2.55	76	40368	18.176	ug/l	99
18) Methyl Acetate	2.76	43	21717	22.087	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	86282	20.657	ug/l	98
20) Methylene Chloride	2.84	84	33726	21.612	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	25791	20.439	ug/l	92
22) Diisopropyl ether	3.84	45	100998	20.480	ug/l	95
23) Vinyl Acetate	3.80	43	306891	101.430	ug/l	99
24) 1,1-Dichloroethane	3.68	63	53424	20.225	ug/l	99
25) 2-Butanone	4.66	43	60646	101.411	ug/l	100
26) 2,2-Dichloropropane	4.56	77	48157	19.418	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	32222	19.779	ug/l	97
28) Bromochloromethane	5.00	49	21286	17.182	ug/l	98
29) Tetrahydrofuran	5.11	42	34433	106.717	ug/l	97
30) Chloroform	5.19	83	59891	20.106	ug/l	99
31) Cyclohexane	5.56	56	34650	18.884	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	50223	19.636	ug/l	99
36) 1,1-Dichloropropene	5.79	75	36634	20.426	ug/l	97
37) Ethyl Acetate	4.82	43	23429	21.133	ug/l	98
38) Carbon Tetrachloride	5.77	117	39390	18.719	ug/l	100

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 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912SBS02

Quant Time: Sep 13 01:59:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	38440	19.530	ug/l	99
40) Benzene	6.13	78	110617	20.379	ug/l	97
41) Methacrylonitrile	5.03	41	14295	20.915	ug/l	96
42) 1,2-Dichloroethane	6.18	62	45597	21.254	ug/l	100
43) Isopropyl Acetate	6.43	43	47769	20.437	ug/l	99
44) Trichloroethene	7.20	130	29955	20.391	ug/l	97
45) 1,2-Dichloropropane	7.51	63	30351	20.200	ug/l	97
46) Dibromomethane	7.65	93	17727	21.587	ug/l	99
47) Bromodichloromethane	7.89	83	43902	19.591	ug/l	94
48) Methyl methacrylate	7.76	41	22865	20.437	ug/l	99
49) 1,4-Dioxane	7.73	88	6013	398.287	ug/l #	92
51) 4-Methyl-2-Pentanone	8.64	43	126252	102.342	ug/l	99
52) Toluene	8.78	92	73720	20.561	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	43100	19.270	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	49085	19.791	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	27432	21.563	ug/l	97
56) Ethyl methacrylate	9.17	69	34713	20.152	ug/l	98
57) 1,3-Dichloropropane	9.37	76	45936	21.141	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	87952	99.623	ug/l	99
59) 2-Hexanone	9.48	43	90585	105.607	ug/l	99
60) Dibromochloromethane	9.57	129	28627	19.275	ug/l	97
61) 1,2-Dibromoethane	9.67	107	24794	20.937	ug/l	98
64) Tetrachloroethene	9.33	164	24532	20.231	ug/l	98
65) Chlorobenzene	10.14	112	84845	20.253	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	31297	19.818	ug/l	98
67) Ethyl Benzene	10.25	91	151006	20.266	ug/l	98
68) m/p-Xylenes	10.35	106	112412	40.984	ug/l	98
69) o-Xylene	10.70	106	53722	19.994	ug/l	100
70) Styrene	10.71	104	96182	20.184	ug/l	100
71) Bromoform	10.85	173	15459	18.877	ug/l #	99
73) Isopropylbenzene	11.01	105	147228	19.238	ug/l	99
74) N-amyl acetate	10.89	43	42858	18.835	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	34617	21.062	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	35021	23.451	ug/l	90
77) Bromobenzene	11.25	156	36571	20.756	ug/l	96
78) n-propylbenzene	11.35	91	180900	19.575	ug/l	99
79) 2-Chlorotoluene	11.42	91	112069	19.573	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	136639	19.854	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	8302	16.657	ug/l	92
82) 4-Chlorotoluene	11.51	91	137653	20.005	ug/l	99
83) tert-Butylbenzene	11.77	119	132237	19.788	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	139494	19.607	ug/l	98
85) sec-Butylbenzene	11.94	105	156431	19.619	ug/l	99
86) p-Isopropyltoluene	12.06	119	145903	19.804	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	72812	20.286	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	75513	20.806	ug/l	99
89) n-Butylbenzene	12.39	91	138873	19.232	ug/l	99
90) Hexachloroethane	12.59	117	24572	18.107	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	68403	20.602	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6576	19.602	ug/l	99

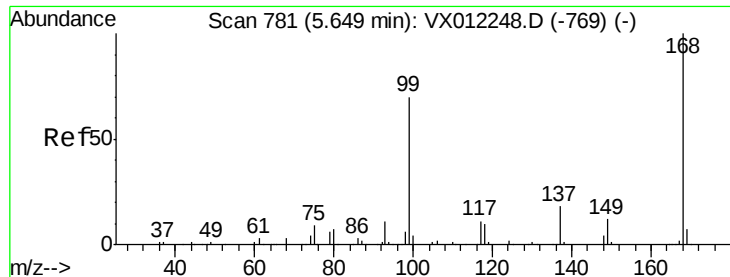
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091219\
Data File : VX012353.D
Acq On : 12 Sep 2019 17:55
Operator : SY/SP
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MSVOA_X
ClientSampleId :
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Quant Time: Sep 13 01:59:52 2019
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Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	46449	20.258	ug/l	99
94) Hexachlorobutadiene	13.78	225	23903	20.956	ug/l	98
95) Naphthalene	13.83	128	96918	19.697	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	41896	20.652	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012353.D

Acq: 12 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

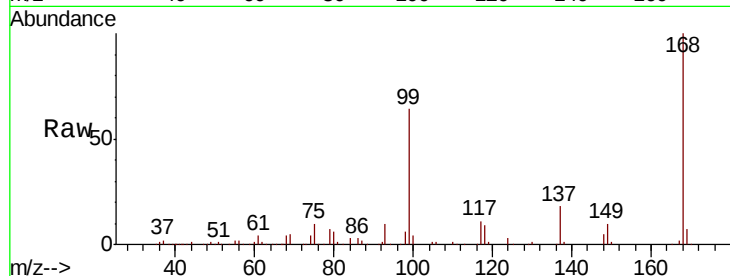
VX0912SBS02

Tgt Ion:168 Resp: 139773

Ion Ratio Lower Upper

168 100

99 64.2 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

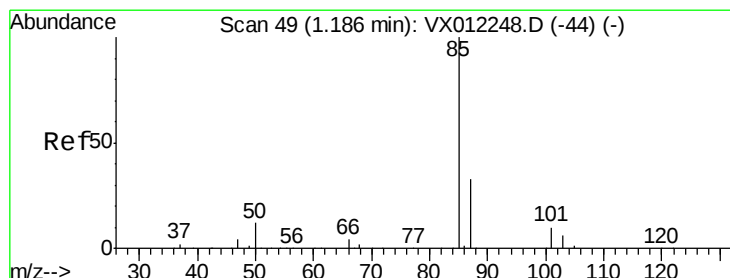
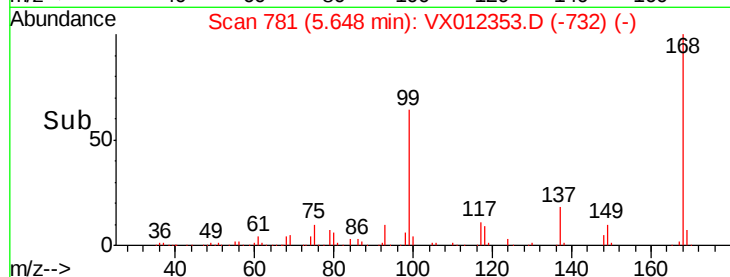
30000

20000

10000

0

Time--> 5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 19.245 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012353.D

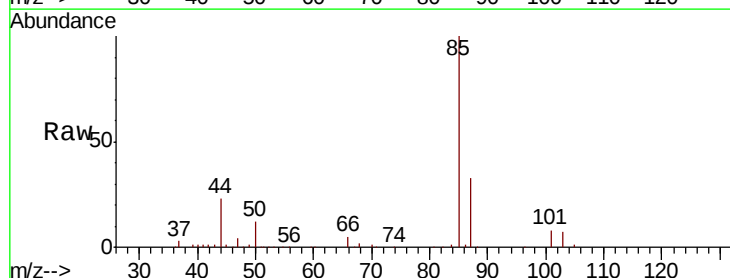
Acq: 12 Sep 2019 17:55

Tgt Ion: 85 Resp: 21992

Ion Ratio Lower Upper

85 100

87 32.5 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

25000

20000

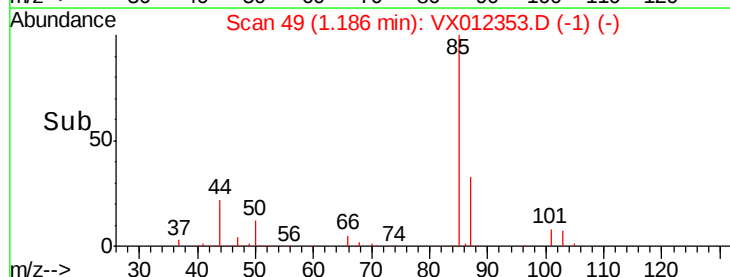
15000

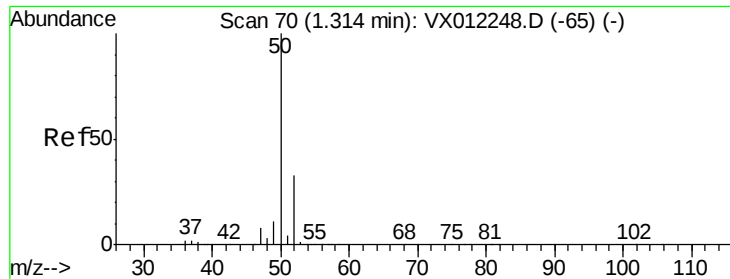
10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 21.081 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012353.D

Acq: 12 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

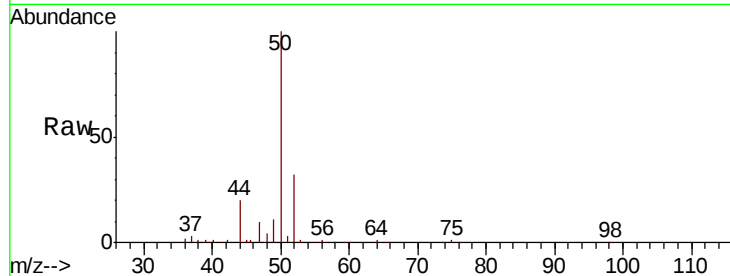
VX0912SBS02

Tgt Ion: 50 Resp: 21715

Ion Ratio Lower Upper

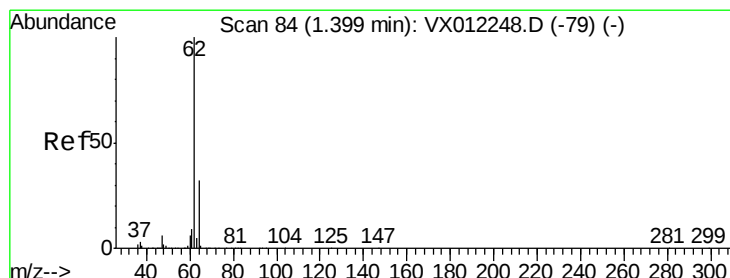
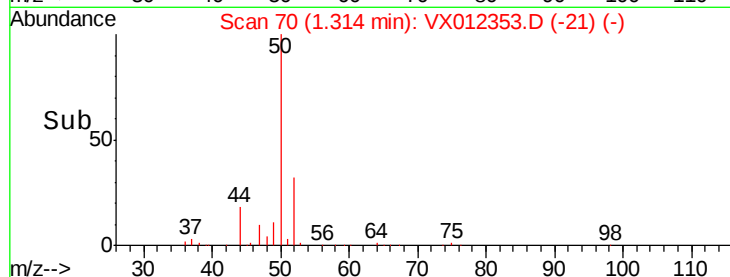
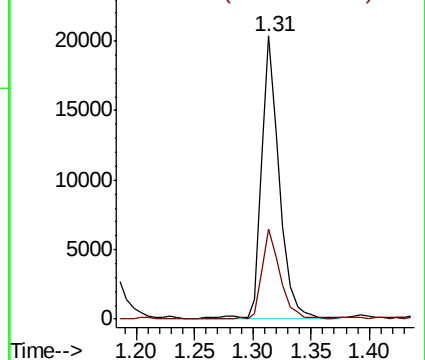
50 100

52 31.3 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.156 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012353.D

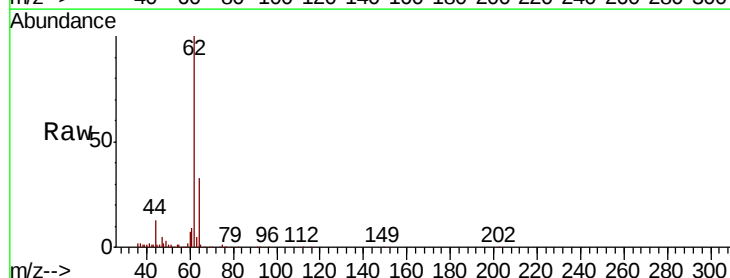
Acq: 12 Sep 2019 17:55

Tgt Ion: 62 Resp: 20586

Ion Ratio Lower Upper

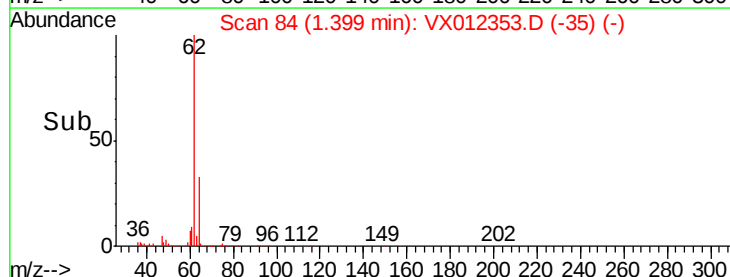
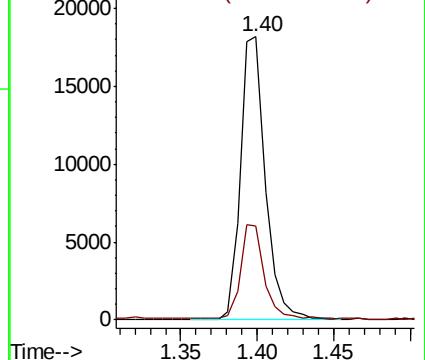
62 100

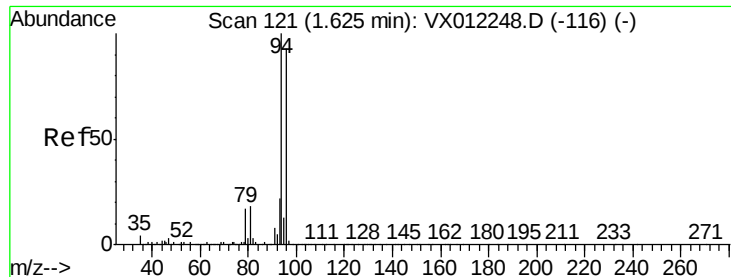
64 32.8 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.842 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012353.D

Acq: 12 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

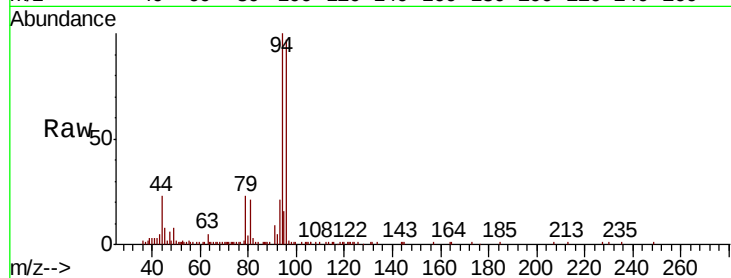
VX0912SBS02

Tgt Ion: 94 Resp: 9746

Ion Ratio Lower Upper

94 100

96 98.2 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

12000

10000

8000

6000

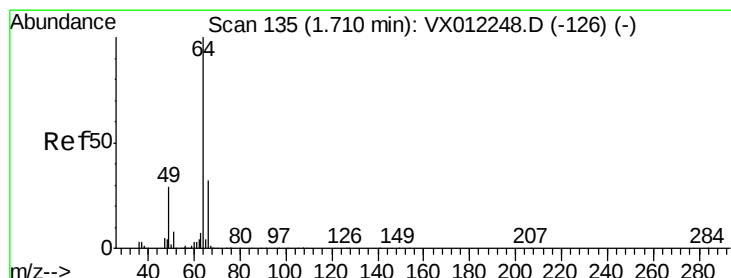
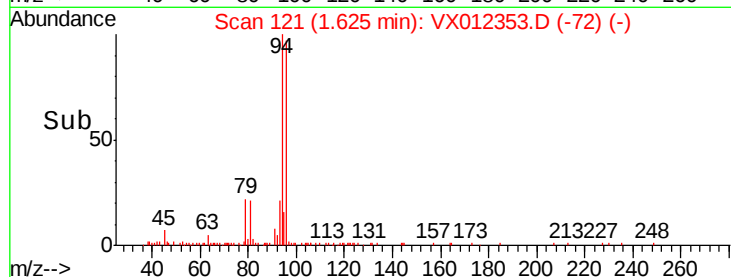
4000

2000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 20.208 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012353.D

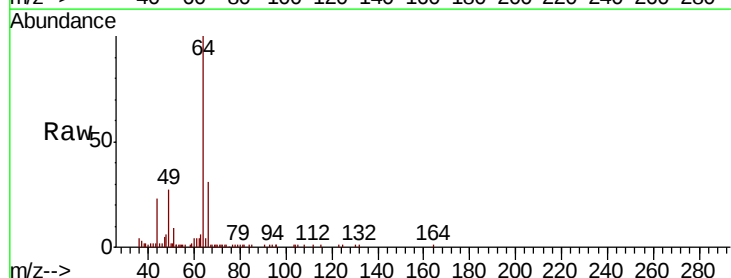
Acq: 12 Sep 2019 17:55

Tgt Ion: 64 Resp: 13801

Ion Ratio Lower Upper

64 100

66 30.1 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

12000

10000

8000

6000

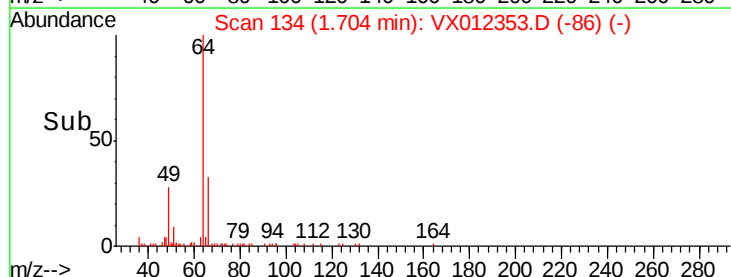
4000

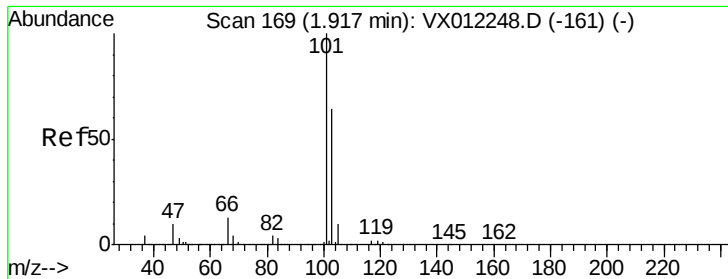
2000

0

1.60 1.65 1.70 1.75 1.80

Time-->



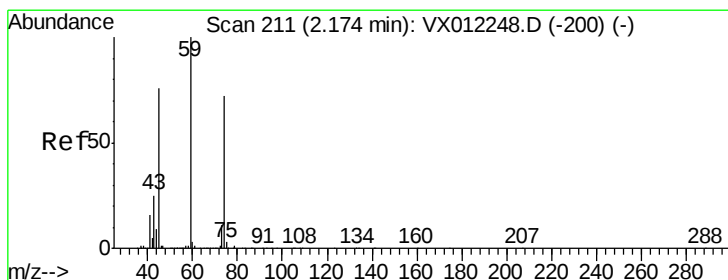
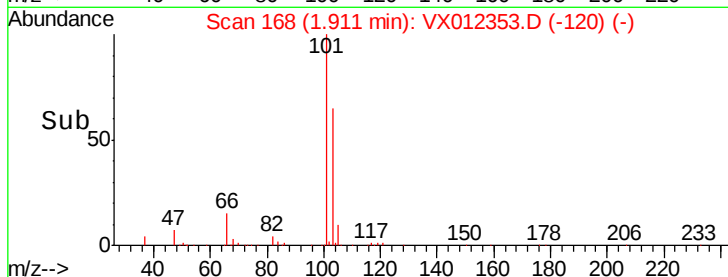
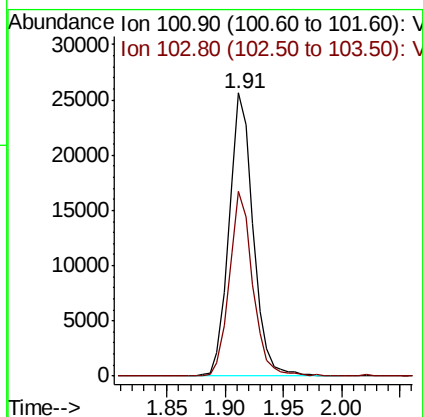
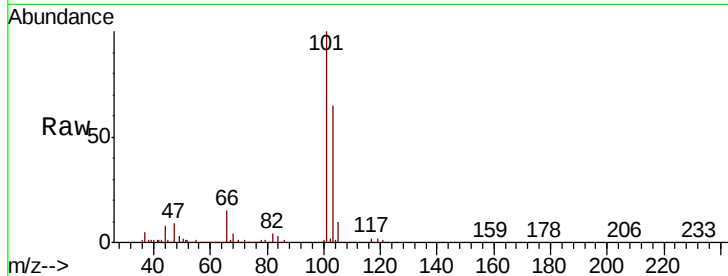


#7

Trichlorofluoromethane
 Concen: 19.959 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912SBS02

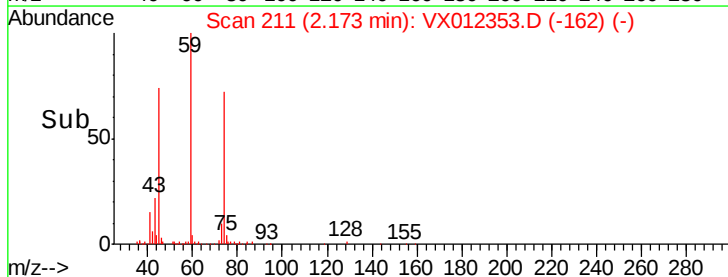
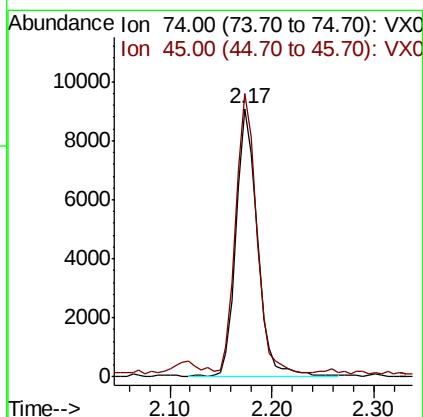
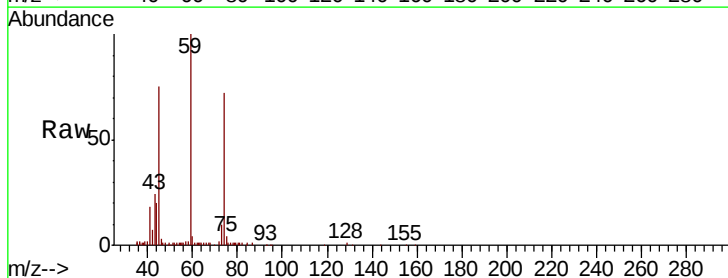
Tgt Ion: 101 Resp: 36894
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.2

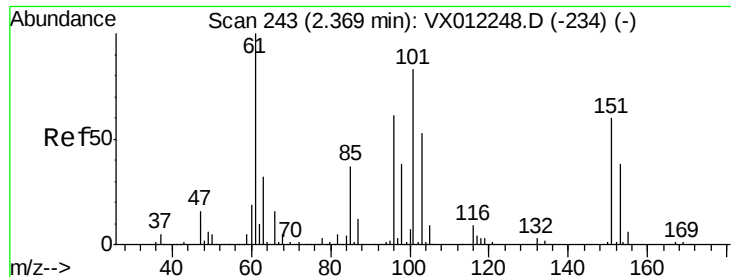


#8

Diethyl Ether
 Concen: 20.928 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

Tgt Ion: 74 Resp: 13200
 Ion Ratio Lower Upper
 74 100
 45 100.2 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.461 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012353.D

Acq: 12 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

VX0912SBS02

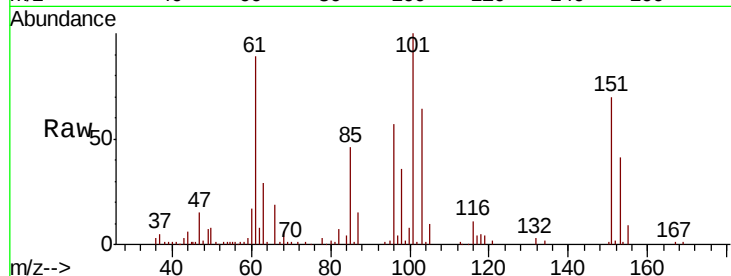
Tgt Ion:101 Resp: 25491

Ion Ratio Lower Upper

101 100

85 48.8 37.0 55.6

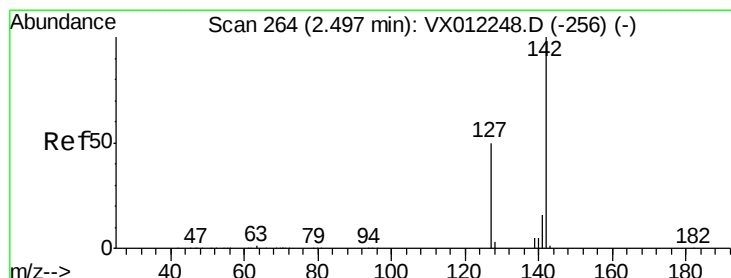
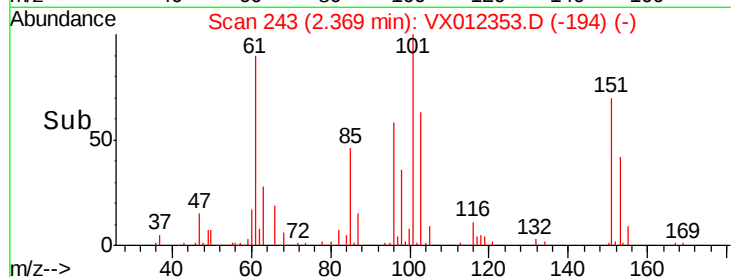
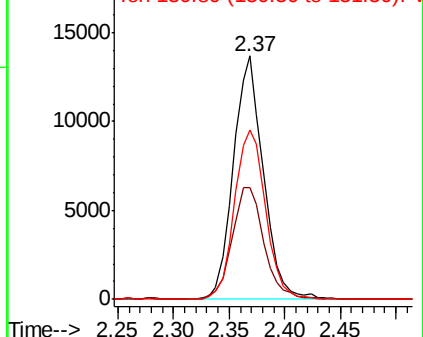
151 72.2 58.6 87.8



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: 12.991 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX012353.D

Acq: 12 Sep 2019 17:55

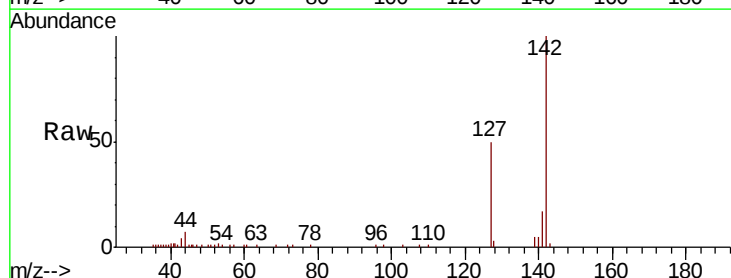
Tgt Ion:142 Resp: 15404

Ion Ratio Lower Upper

142 100

127 51.9 40.6 61.0

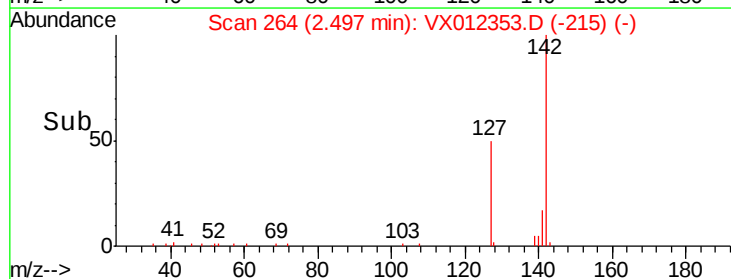
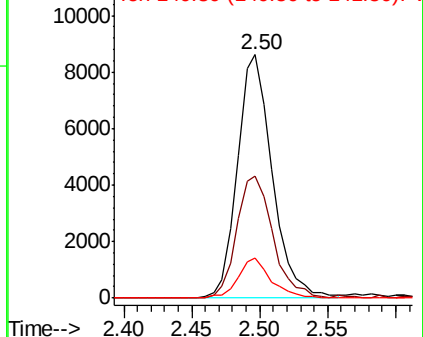
141 15.4 12.0 18.0

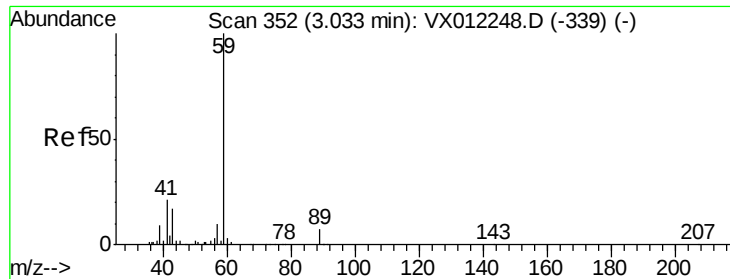


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

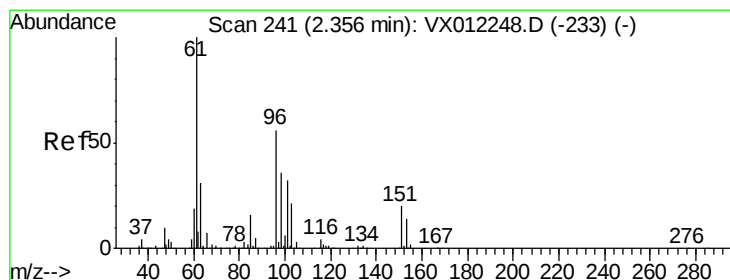
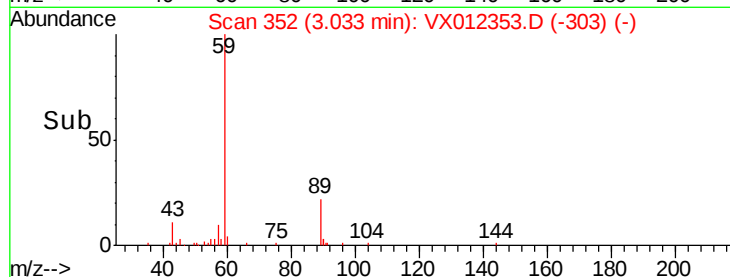
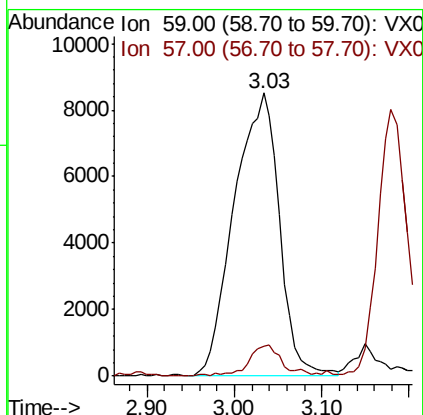
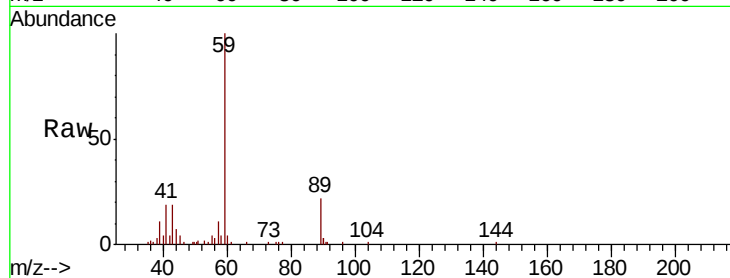




#11
Tert butyl alcohol
Concen: 141.437 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

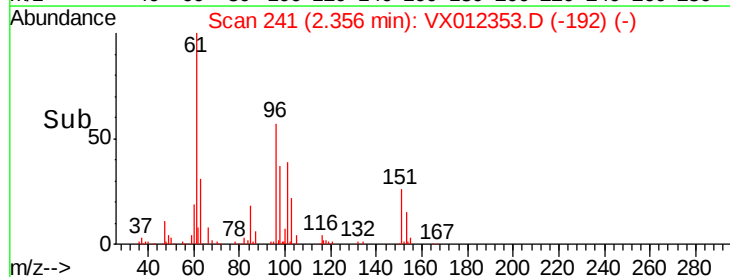
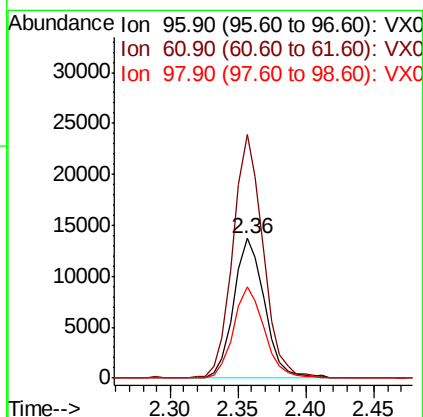
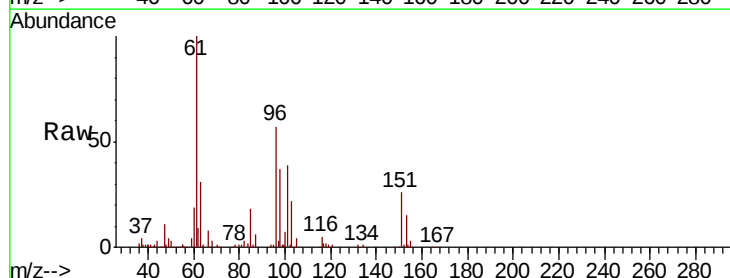
Instrument :
MSVOA_X
ClientSampleId :
VX0912SBS02

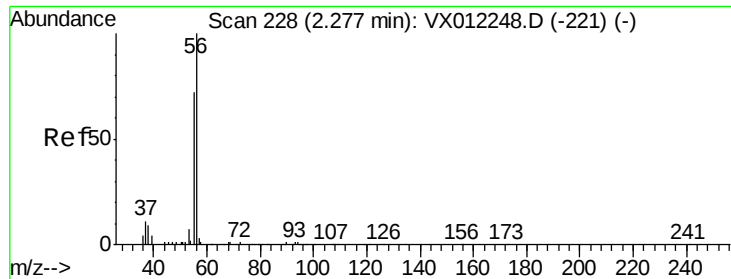
Tgt Ion: 59 Resp: 30520
Ion Ratio Lower Upper
59 100
57 8.0 7.8 11.6



#12
1,1-Dichloroethene
Concen: 20.467 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

Tgt Ion: 96 Resp: 21647
Ion Ratio Lower Upper
96 100
61 174.3 142.2 213.2
98 65.3 51.3 76.9





#13

Acrolein

Concen: 86.853 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012353.D

Acq: 12 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

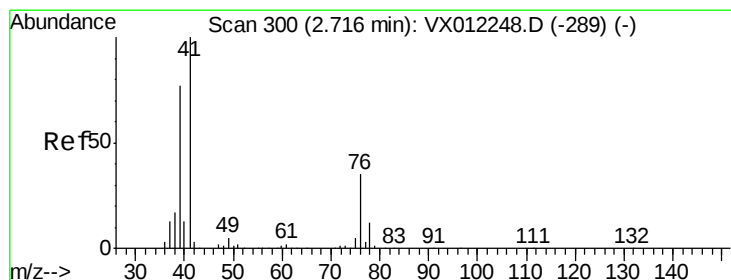
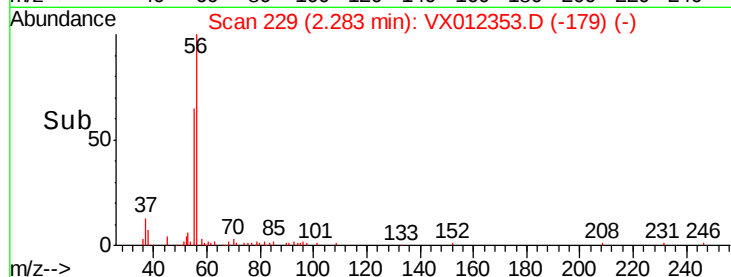
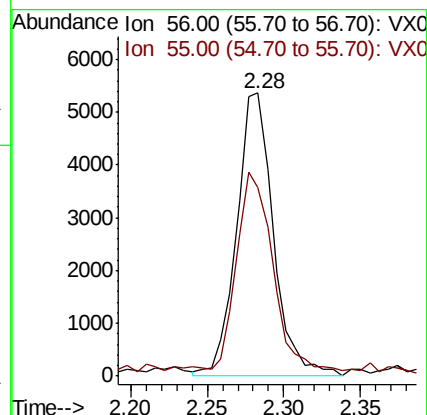
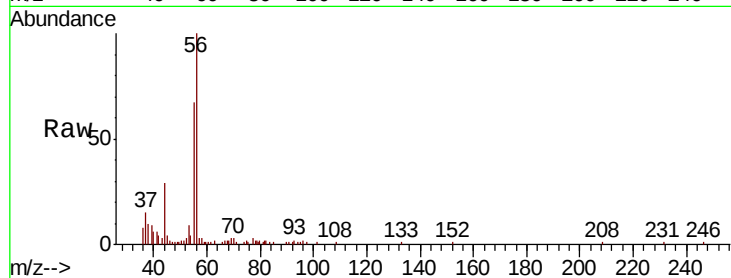
VX0912SBS02

Tgt Ion: 56 Resp: 8972

Ion Ratio Lower Upper

56 100

55 67.6 59.8 89.6



#14

Allyl chloride

Concen: 19.063 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012353.D

Acq: 12 Sep 2019 17:55

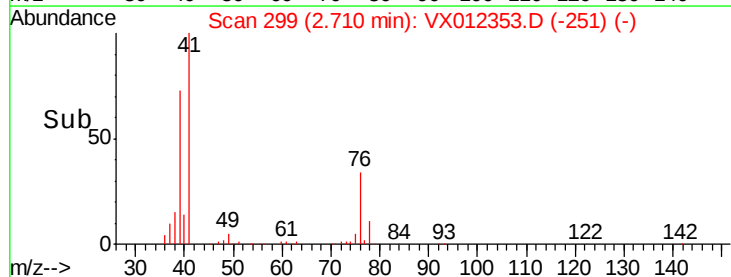
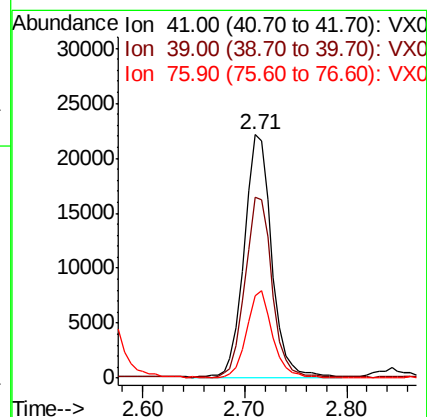
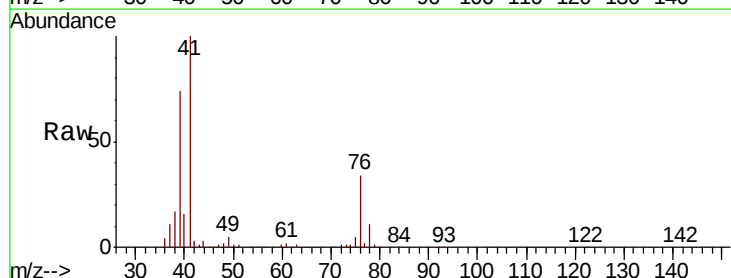
Tgt Ion: 41 Resp: 41107

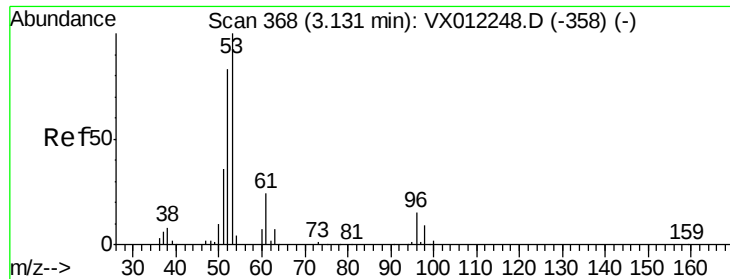
Ion Ratio Lower Upper

41 100

39 74.8 58.6 87.8

76 34.1 26.3 39.5





#15

Acrylonitrile

Concen: 102.696 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012353.D

Acq: 12 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

VX0912SBS02

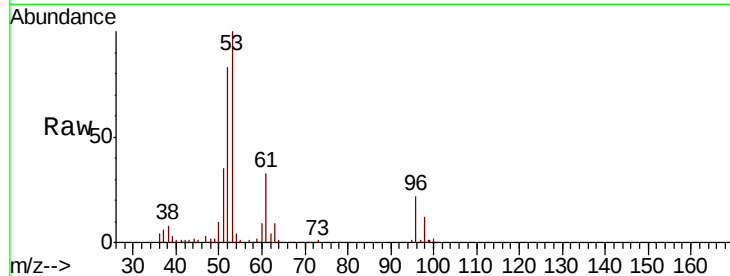
Tgt Ion: 53 Resp: 40041

Ion Ratio Lower Upper

53 100

52 83.9 66.8 100.2

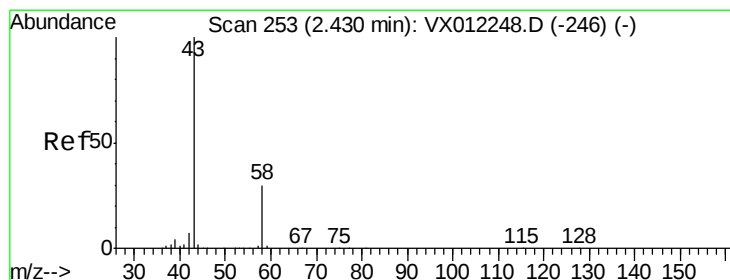
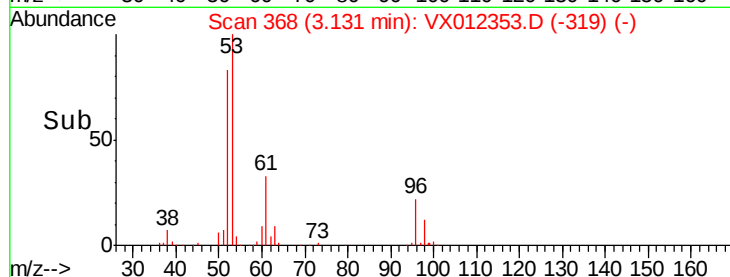
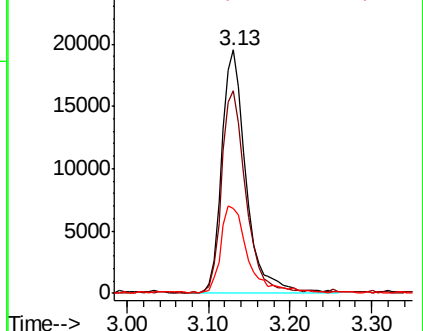
51 40.8 30.7 46.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 97.077 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012353.D

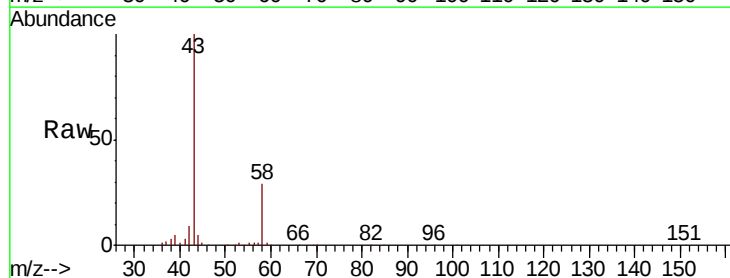
Acq: 12 Sep 2019 17:55

Tgt Ion: 43 Resp: 45413

Ion Ratio Lower Upper

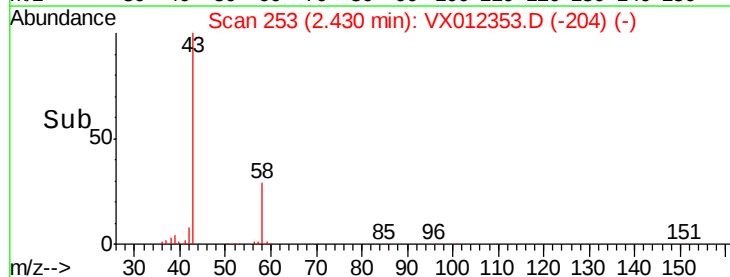
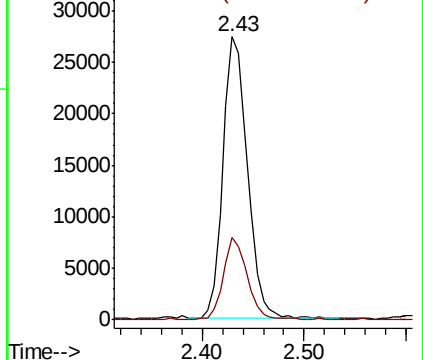
43 100

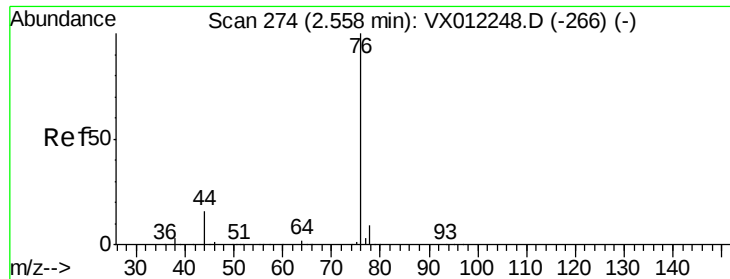
58 29.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

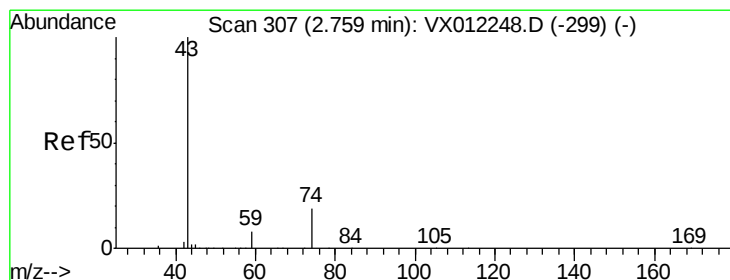
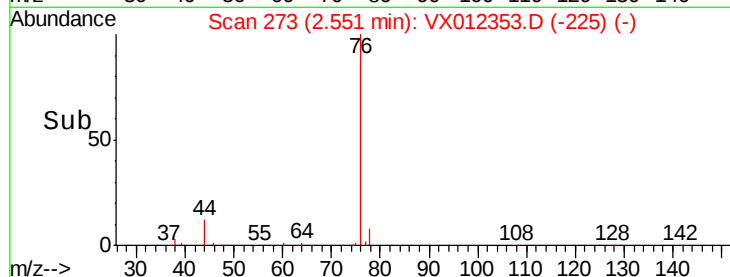
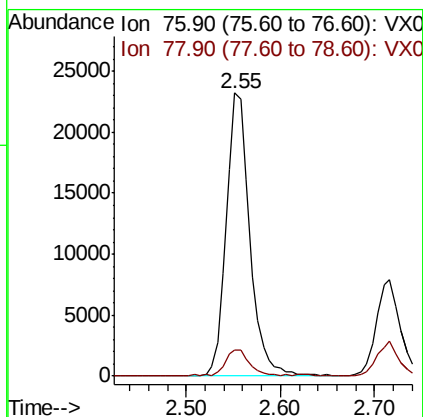
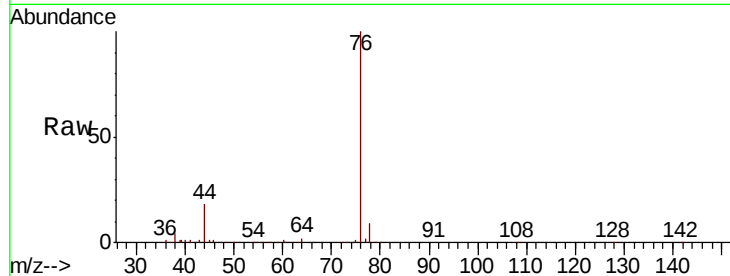




#17
Carbon Disulfide
Concen: 18.176 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

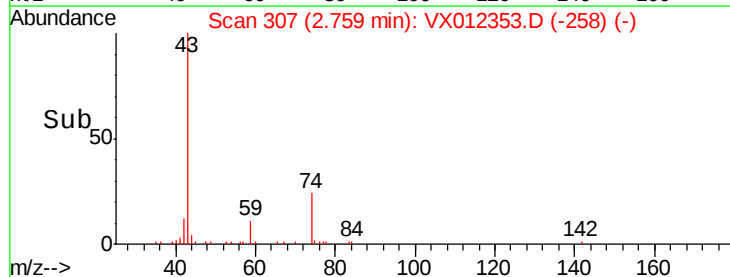
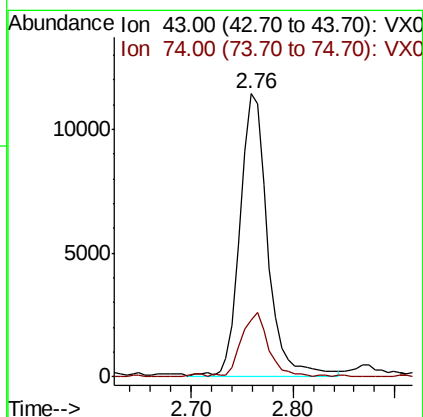
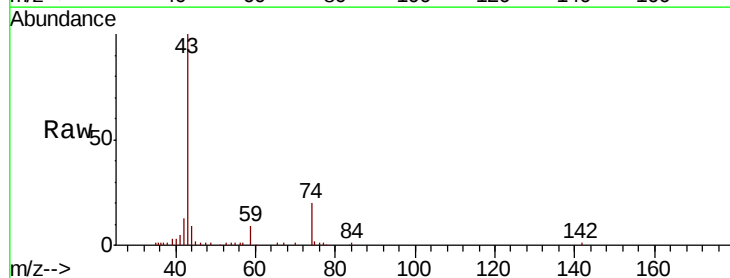
Instrument :
MSVOA_X
ClientSampleId :
VX0912SBS02

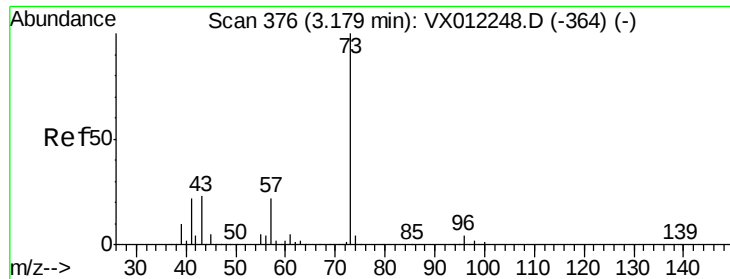
Tgt Ion: 76 Resp: 40368
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 22.087 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

Tgt Ion: 43 Resp: 21717
Ion Ratio Lower Upper
43 100
74 21.9 18.3 27.5

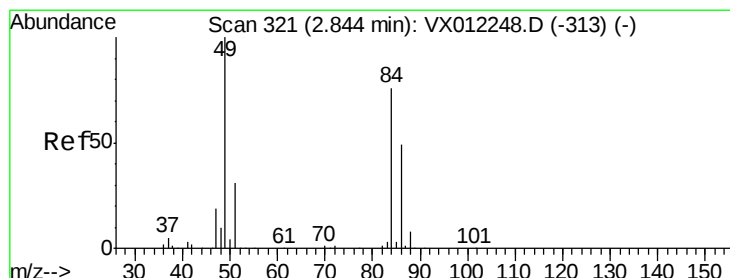
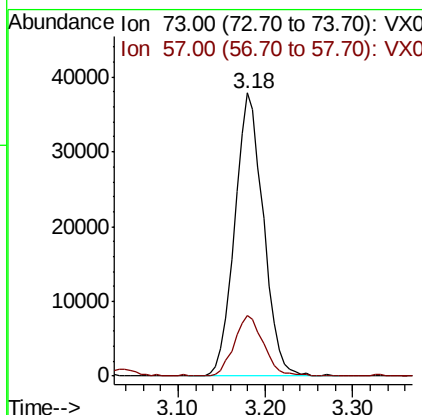
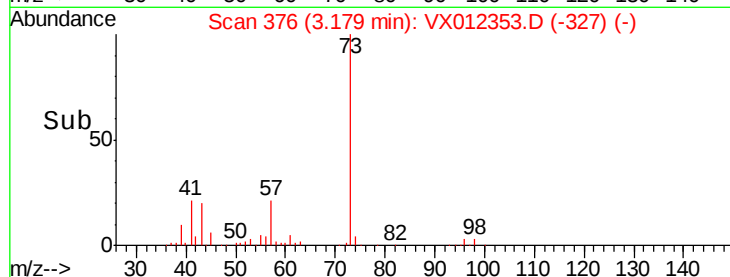
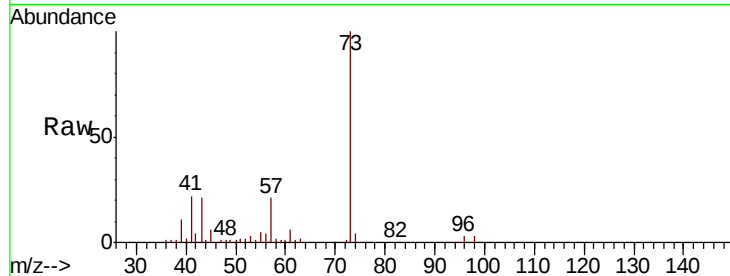




#19
Methyl tert-butyl Ether
Concen: 20.657 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

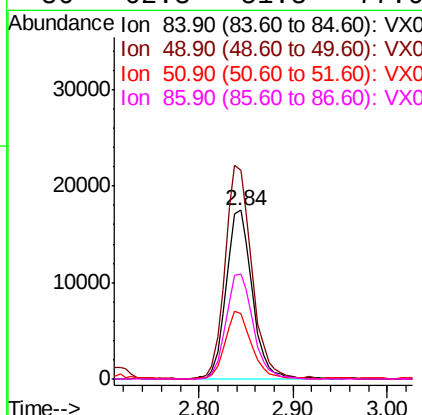
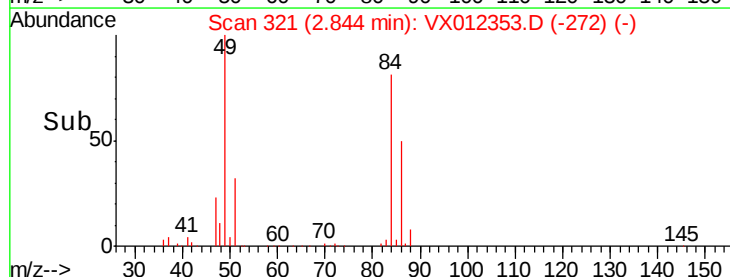
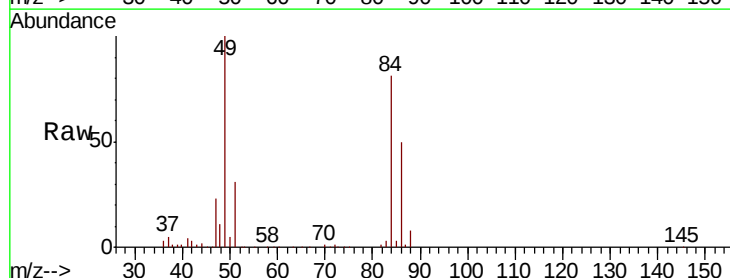
Instrument :
MSVOA_X
ClientSampleId :
VX0912SBS02

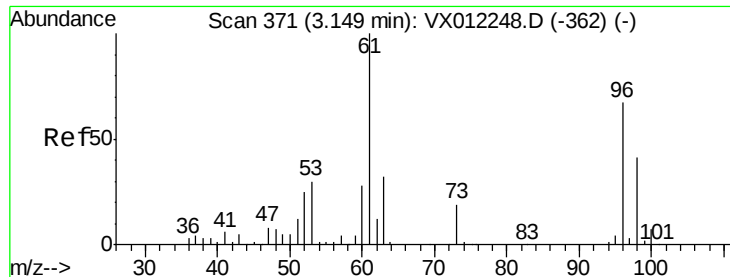
Tgt Ion: 73 Resp: 86282
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5



#20
Methylene Chloride
Concen: 21.612 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

Tgt Ion: 84 Resp: 33726
Ion Ratio Lower Upper
84 100
49 124.1 105.0 157.6
51 39.1 32.6 48.8
86 62.3 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 20.439 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012353.D

Acq: 12 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

VX0912SBS02

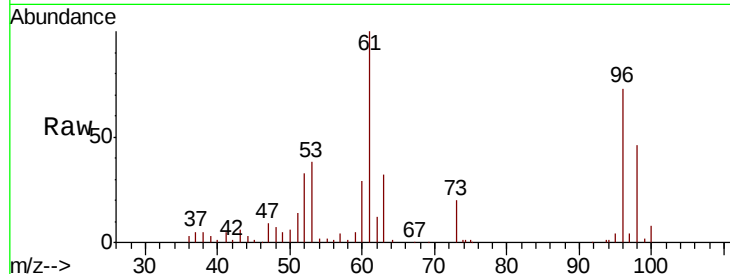
Tgt Ion: 96 Resp: 25791

Ion Ratio Lower Upper

96 100

61 137.7 119.4 179.2

98 63.6 48.4 72.6

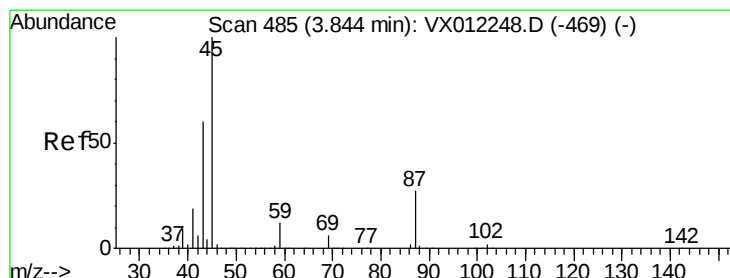
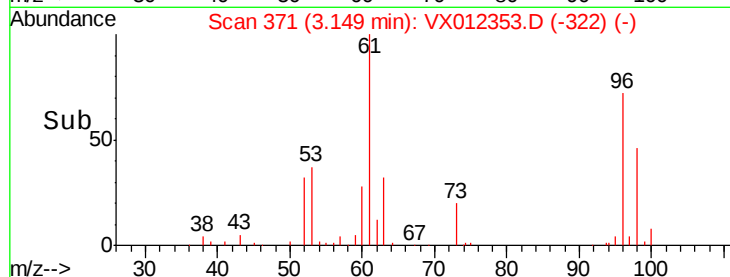
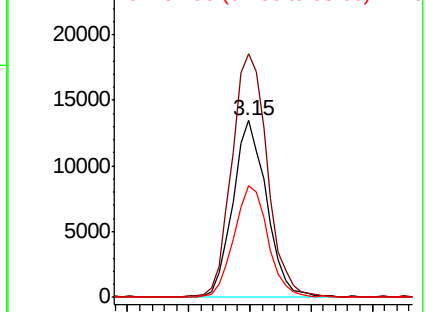


Abundance

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: 20.480 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012353.D

Acq: 12 Sep 2019 17:55

Tgt Ion: 45 Resp: 100998

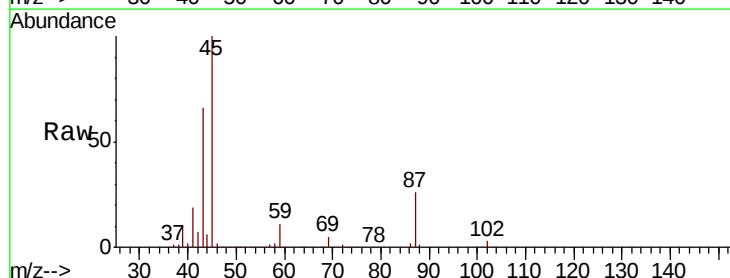
Ion Ratio Lower Upper

45 100

43 65.5 48.3 72.5

87 26.4 21.8 32.8

59 11.4 9.1 13.7



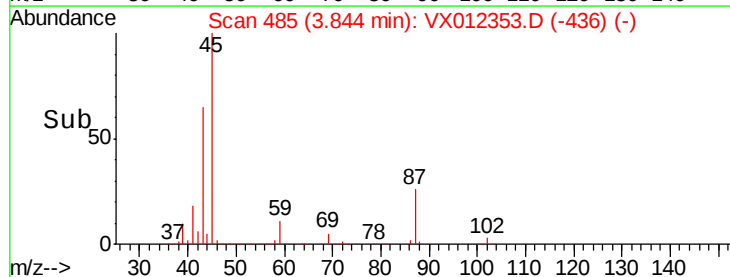
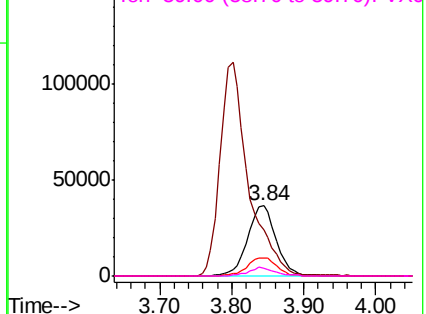
Abundance

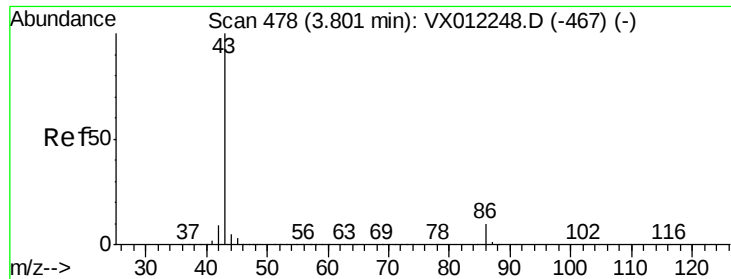
Ion 45.00 (44.70 to 45.70): VX0

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

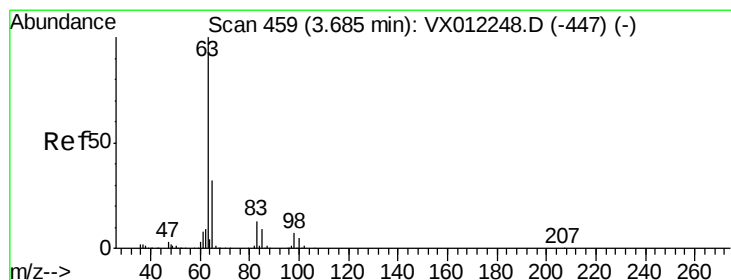
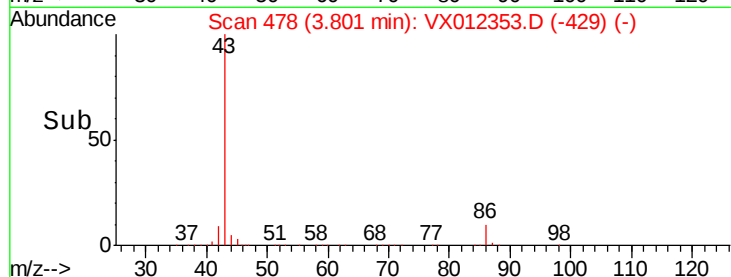
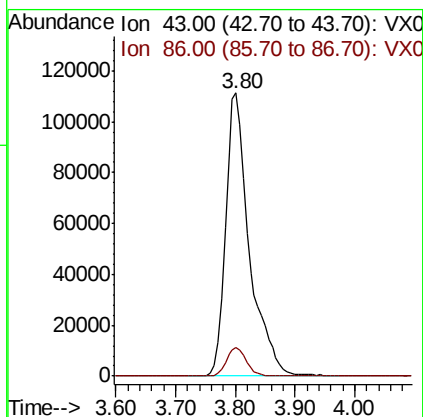
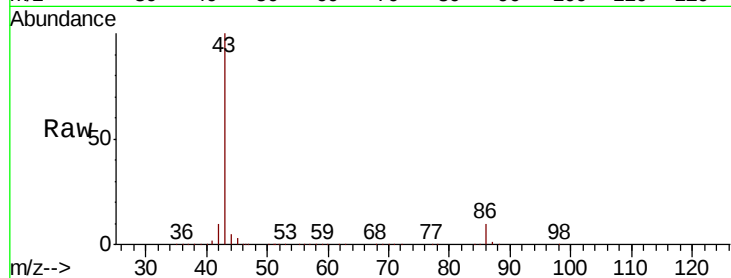




#23
 Vinyl Acetate
 Concen: 101.430 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

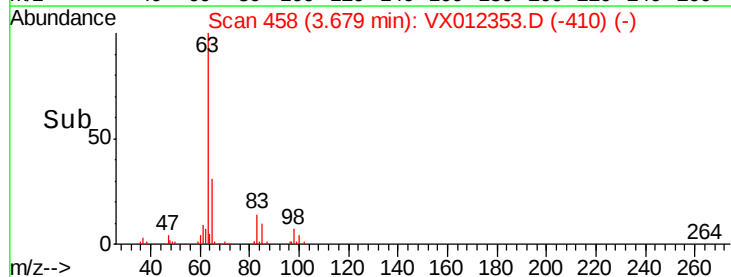
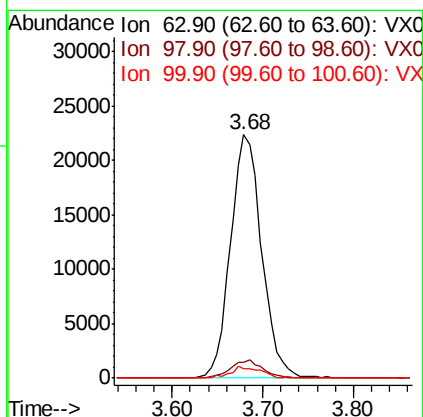
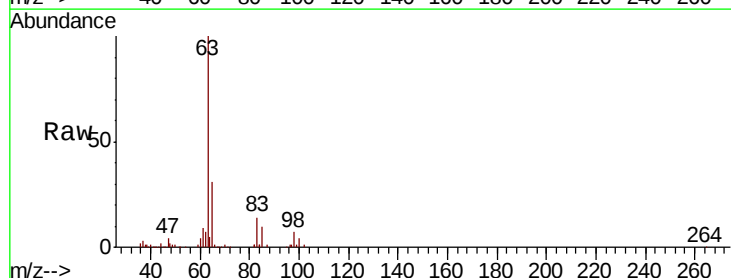
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912SBS02

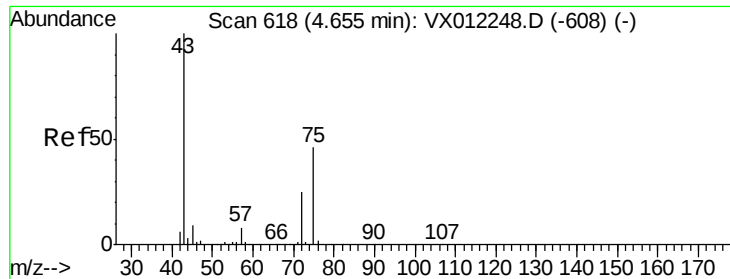
Tgt Ion: 43 Resp: 306891
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 20.225 ug/l
 RT: 3.68 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

Tgt Ion: 63 Resp: 53424
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.1
 100 4.0 2.4 7.2

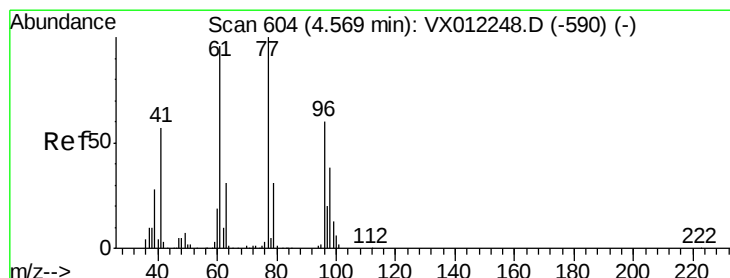
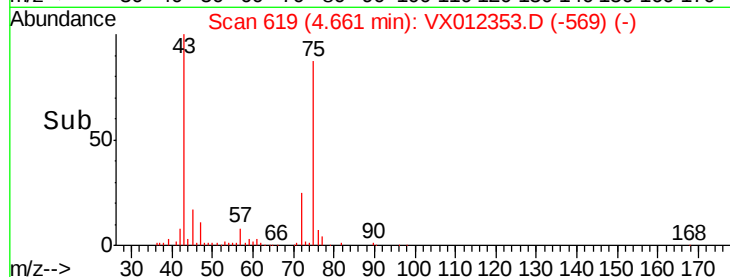
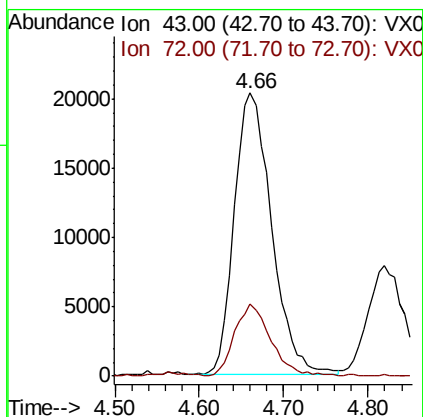
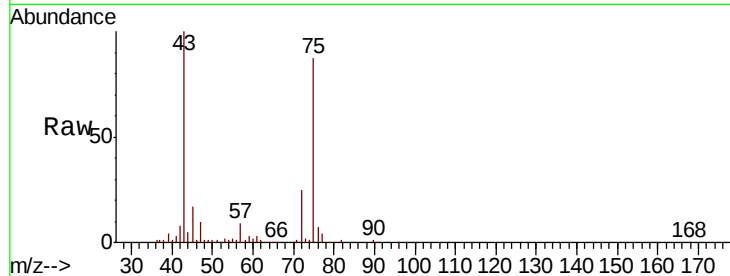




#25
2-Butanone
Concen: 101.411 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

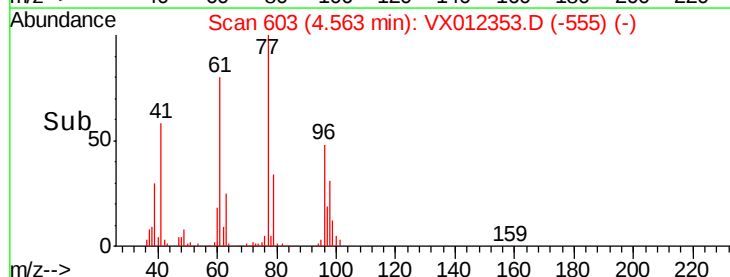
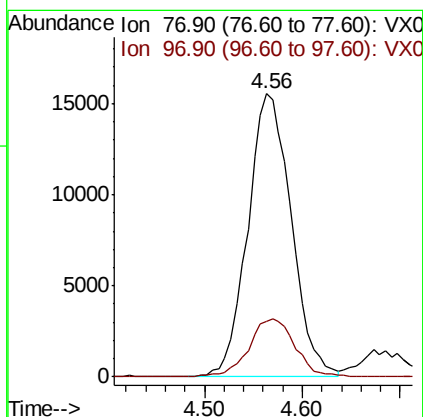
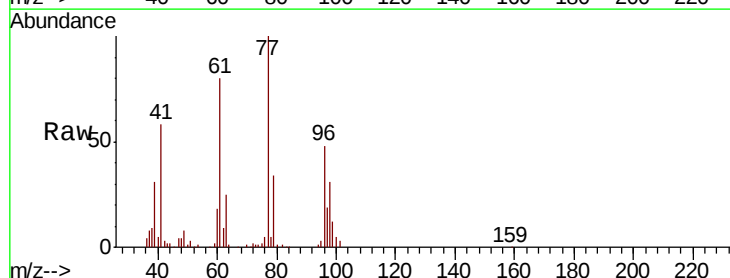
Instrument :
MSVOA_X
ClientSampleId :
VX0912SBS02

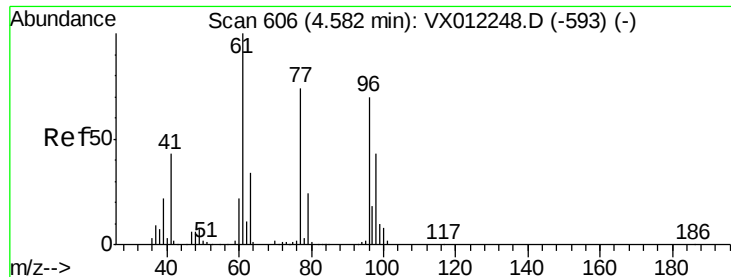
Tgt Ion: 43 Resp: 60646
Ion Ratio Lower Upper
43 100
72 25.1 20.2 30.2



#26
2,2-Dichloropropane
Concen: 19.418 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

Tgt Ion: 77 Resp: 48157
Ion Ratio Lower Upper
77 100
97 21.6 10.7 32.1



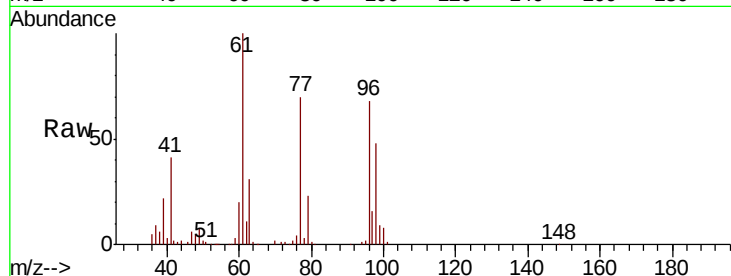


#27

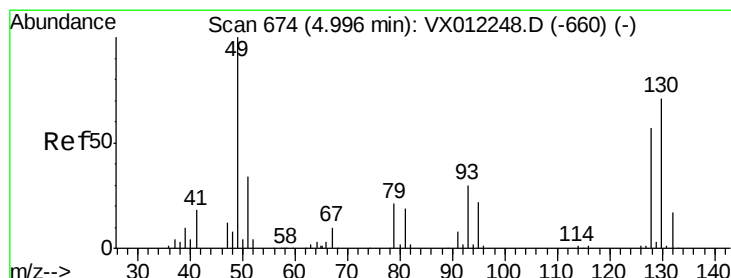
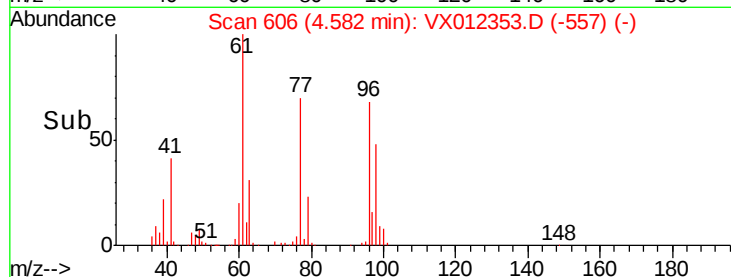
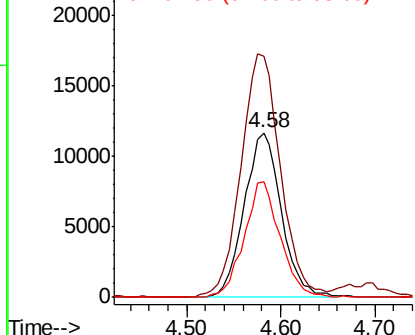
cis-1,2-Dichloroethene
Concen: 19.779 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

Instrument :
MSVOA_X
ClientSampleId :
VX0912SBS02

Tgt Ion: 96 Resp: 32222
Ion Ratio Lower Upper
96 100
61 157.3 0.0 310.4
98 68.2 0.0 128.8



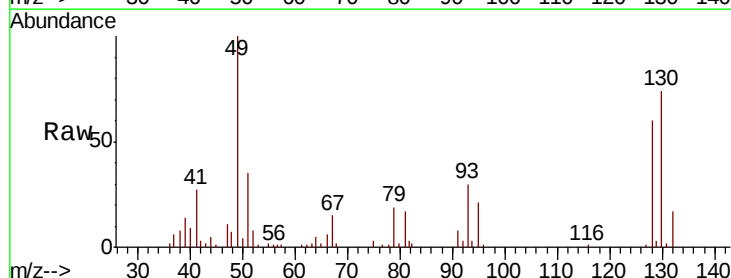
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



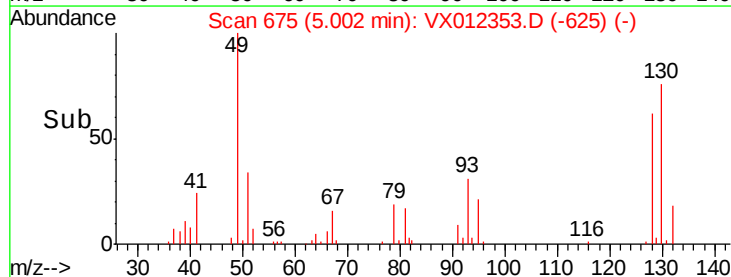
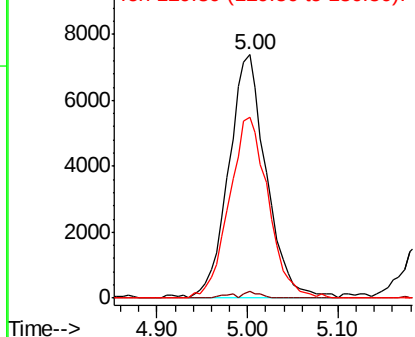
#28

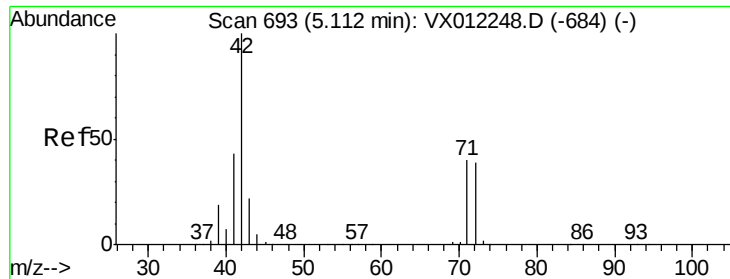
Bromochloromethane
Concen: 17.182 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.01 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

Tgt Ion: 49 Resp: 21286
Ion Ratio Lower Upper
49 100
129 1.1 0.0 5.2
130 76.9 60.1 90.1



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

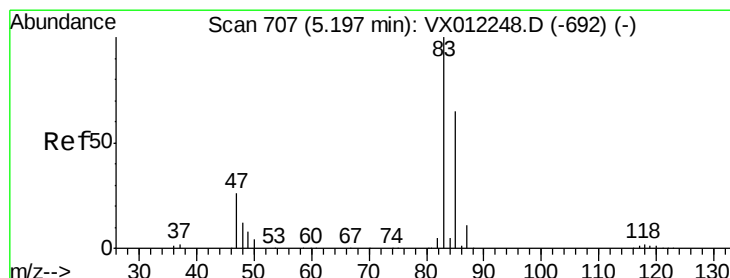
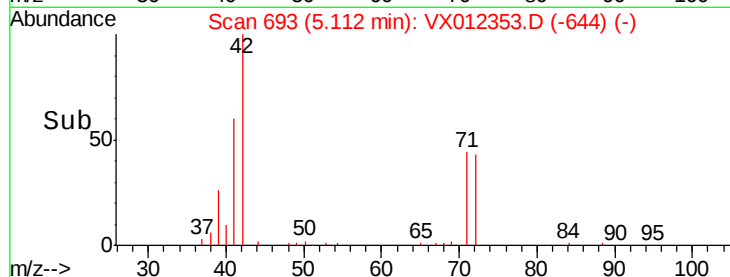
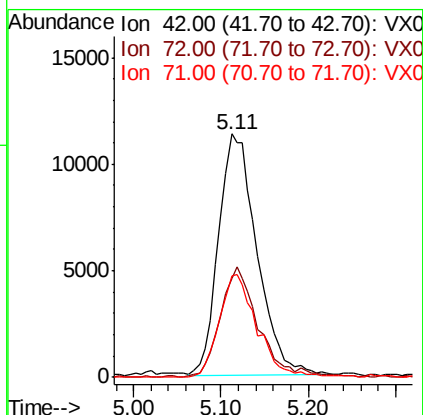
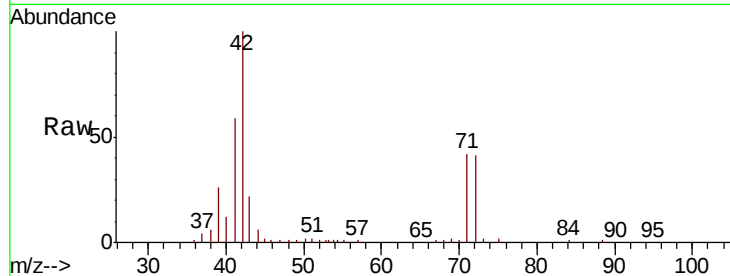




#29
Tetrahydrofuran
Concen: 106.717 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

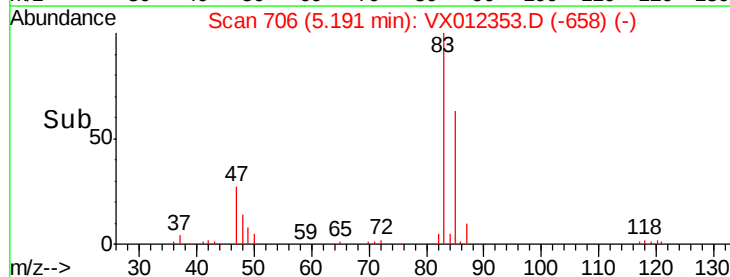
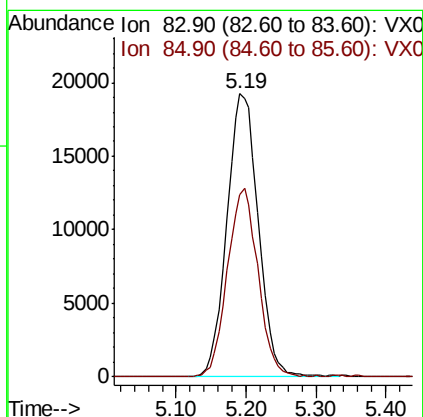
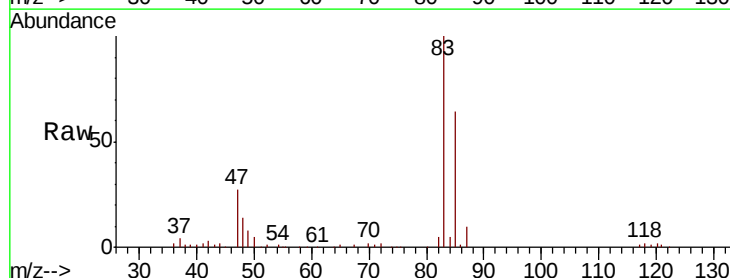
Instrument :
MSVOA_X
ClientSampleId :
VX0912SBS02

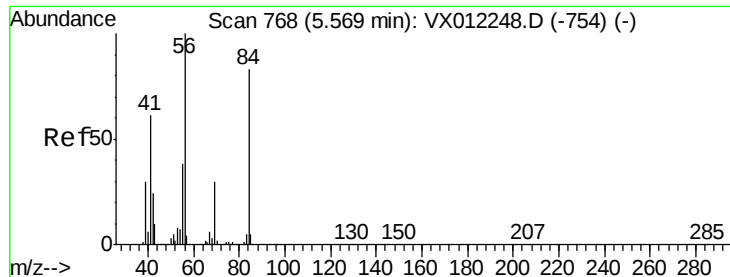
Tgt Ion: 42 Resp: 34433
Ion Ratio Lower Upper
42 100
72 46.1 35.2 52.8
71 42.0 32.5 48.7



#30
Chloroform
Concen: 20.106 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

Tgt Ion: 83 Resp: 59891
Ion Ratio Lower Upper
83 100
85 64.3 52.3 78.5

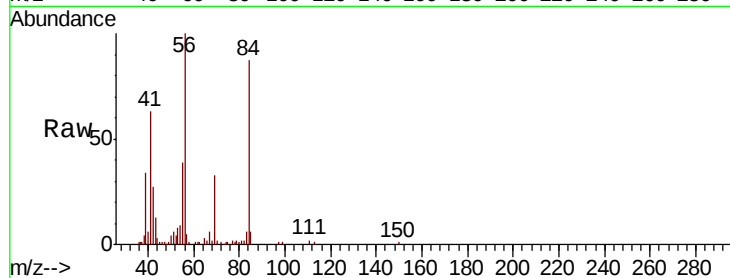




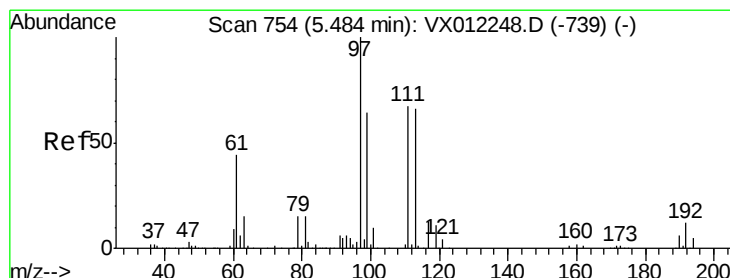
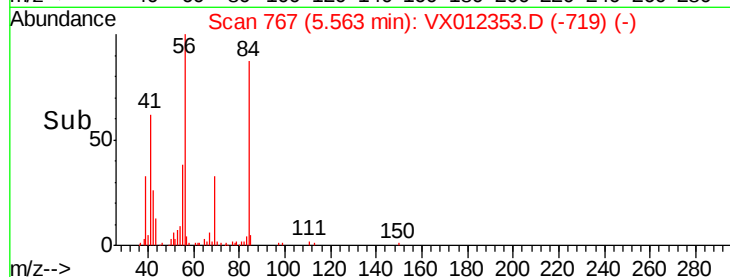
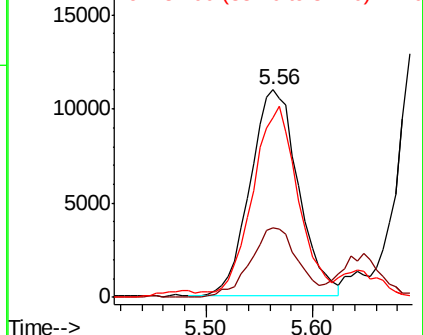
#31
Cyclohexane
Concen: 18.884 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

Instrument :
MSVOA_X
ClientSampleId :
VX0912SBS02

Tgt Ion: 56 Resp: 34650
Ion Ratio Lower Upper
56 100
69 33.7 23.8 35.6
84 84.3 66.6 100.0

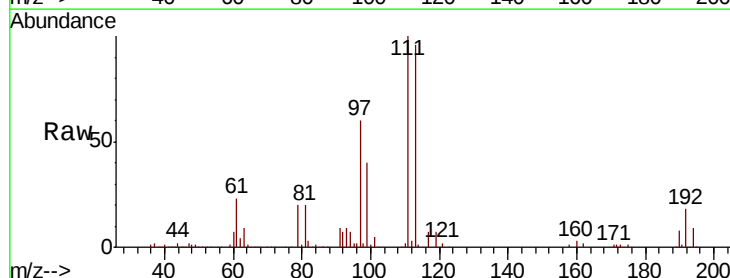


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

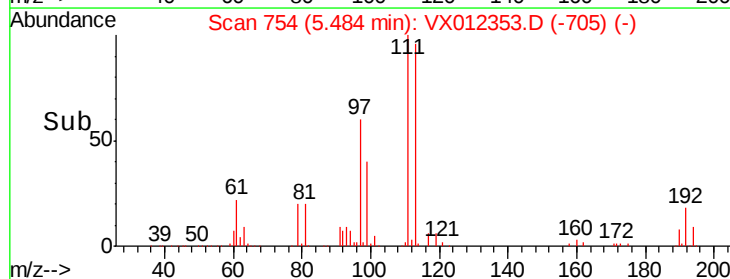
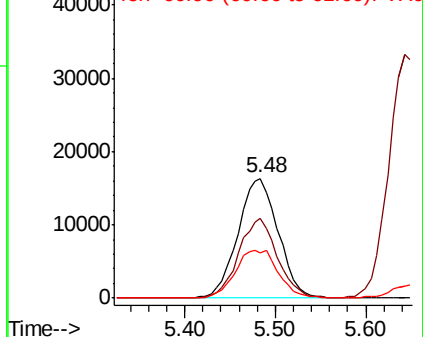


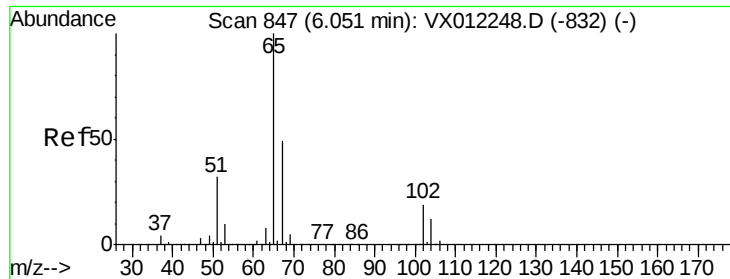
#32
1,1,1-Trichloroethane
Concen: 19.636 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

Tgt Ion: 97 Resp: 50223
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 42.9 35.4 53.0



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

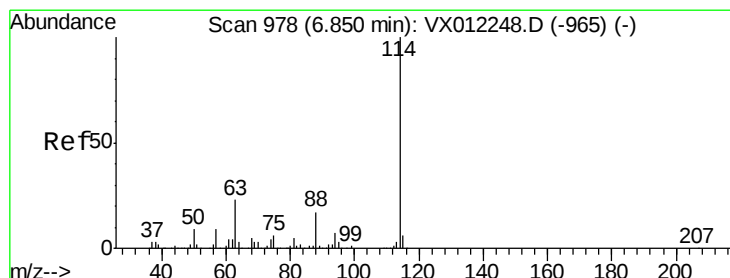
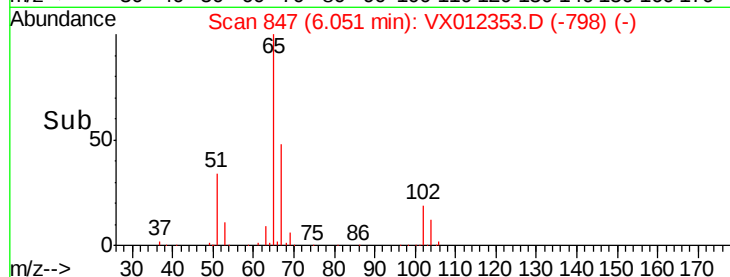
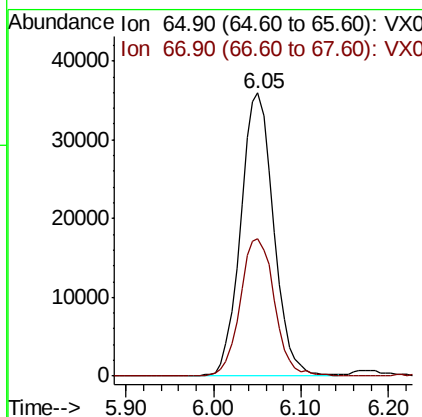
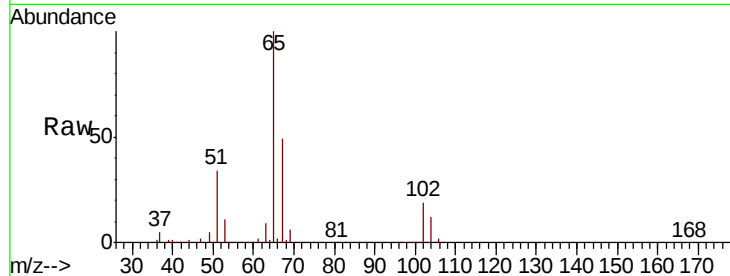




#33
 1,2-Dichloroethane-d4
 Concen: 47.622 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

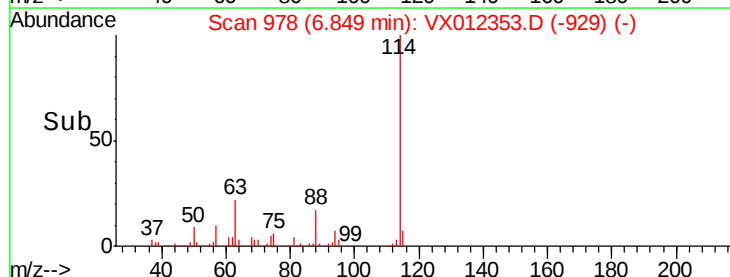
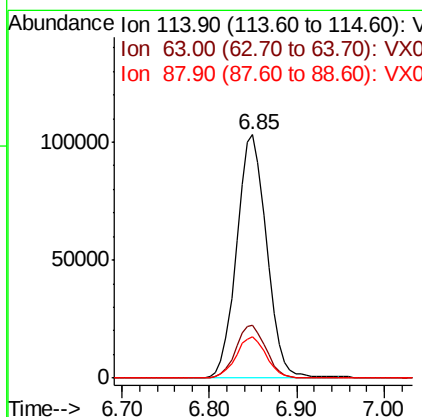
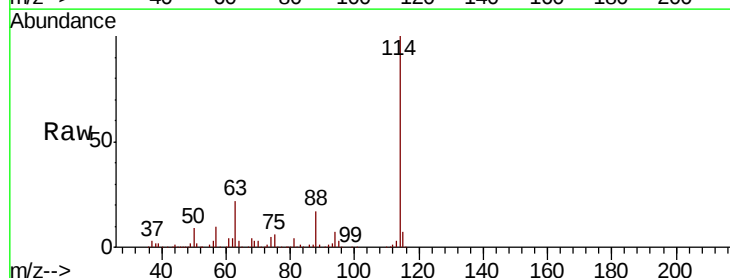
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912SBS02

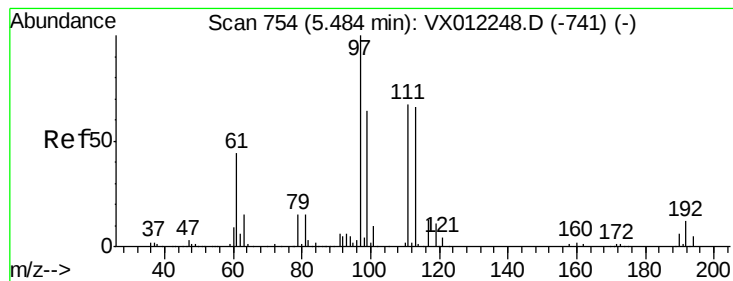
Tgt Ion: 65 Resp: 94106
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

Tgt Ion: 114 Resp: 245964
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 45.2
 88 16.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 47.654 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012353.D

Acq: 12 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

VX0912SBS02

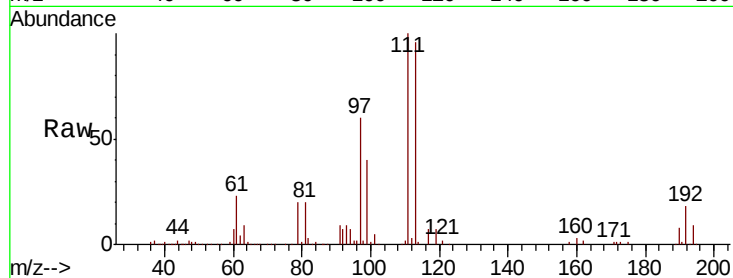
Tgt Ion:113 Resp: 75138

Ion Ratio Lower Upper

113 100

111 104.0 83.0 124.6

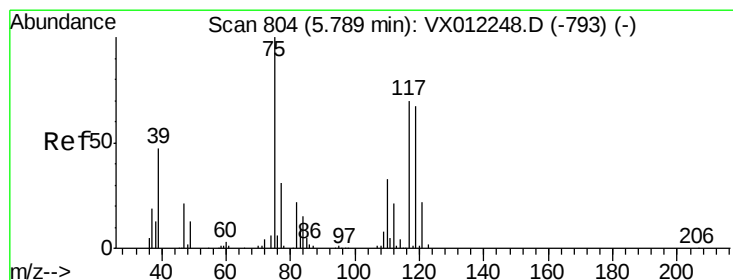
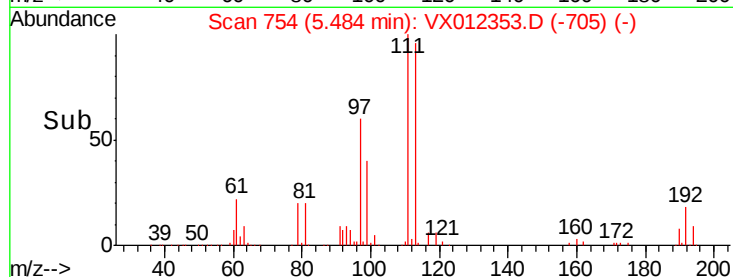
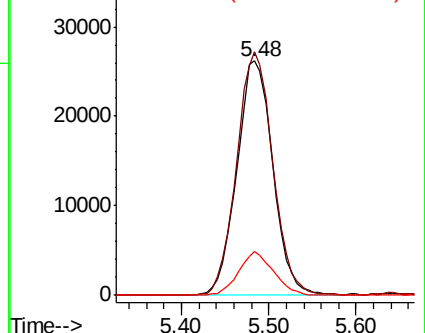
192 18.0 14.3 21.5



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: 20.426 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012353.D

Acq: 12 Sep 2019 17:55

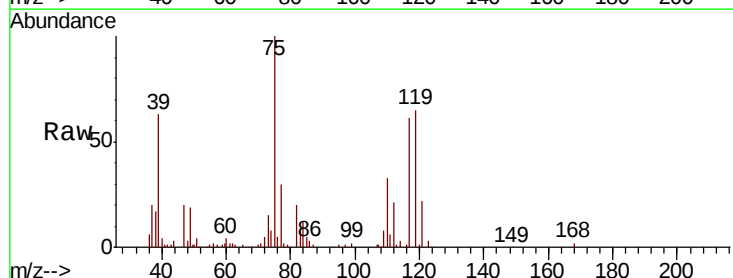
Tgt Ion: 75 Resp: 36634

Ion Ratio Lower Upper

75 100

110 35.5 16.8 50.4

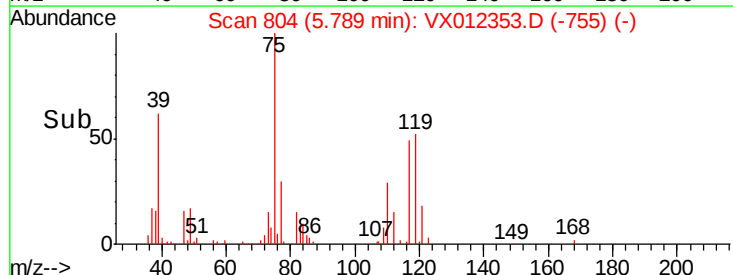
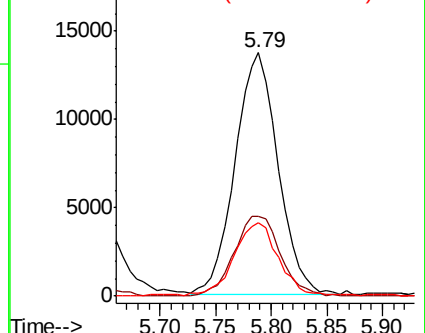
77 31.6 24.5 36.7

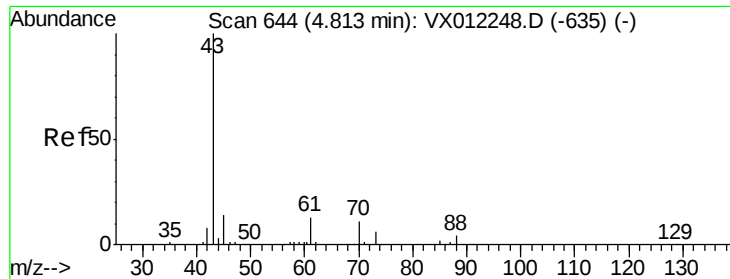


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

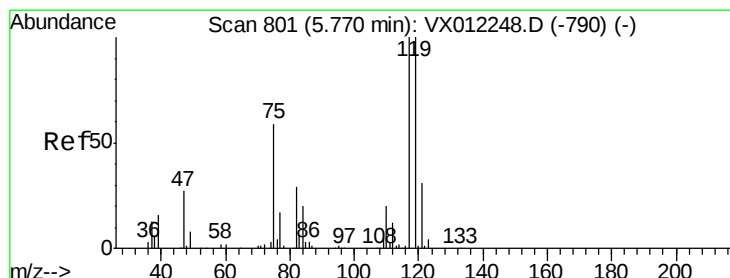
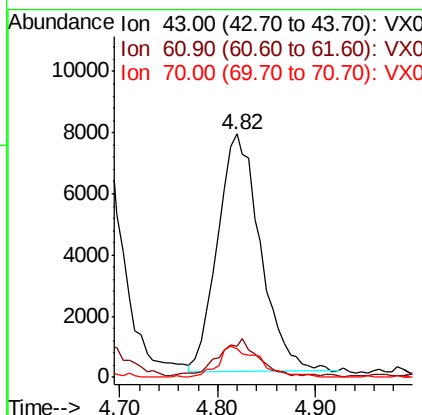
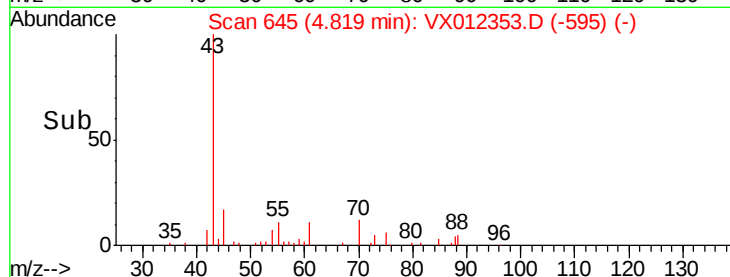
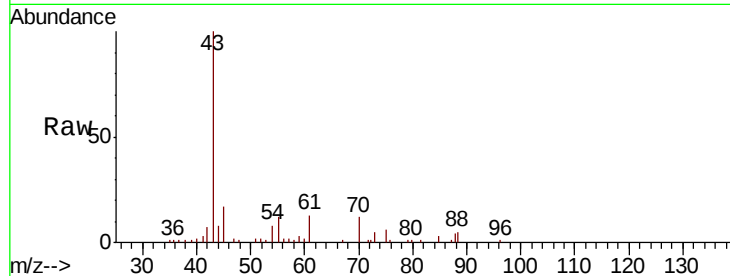




#37
Ethyl Acetate
Concen: 21.133 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

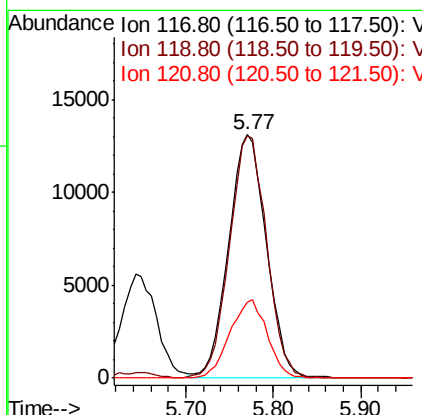
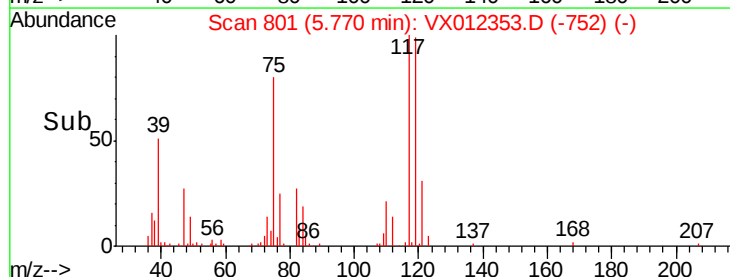
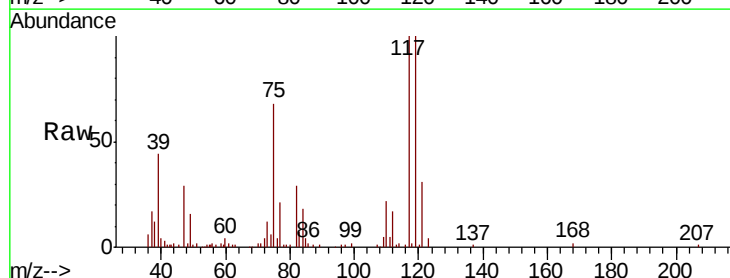
Instrument :
MSVOA_X
ClientSampleId :
VX0912SBS02

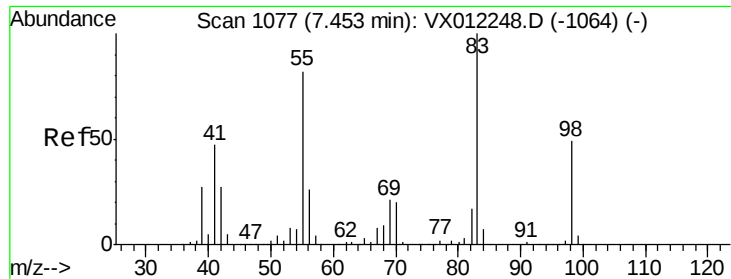
Tgt Ion: 43 Resp: 23429
Ion Ratio Lower Upper
43 100
61 13.3 10.3 15.5
70 12.7 9.1 13.7



#38
Carbon Tetrachloride
Concen: 18.719 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

Tgt Ion: 117 Resp: 39390
Ion Ratio Lower Upper
117 100
119 99.7 79.6 119.4
121 31.4 24.7 37.1

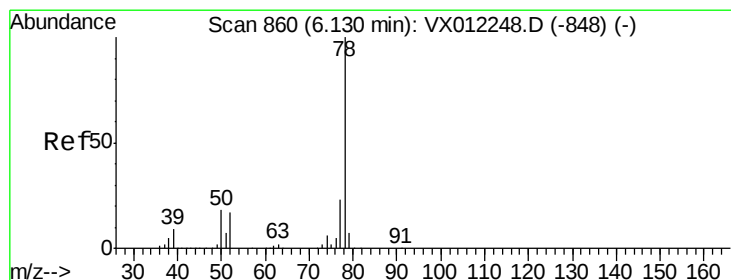
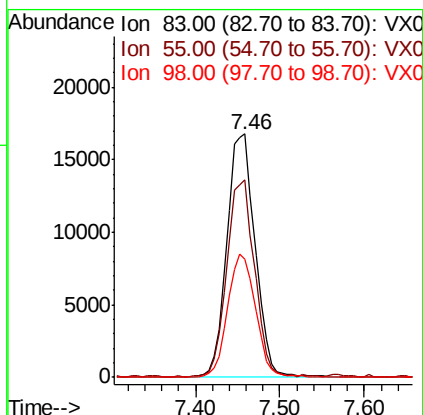
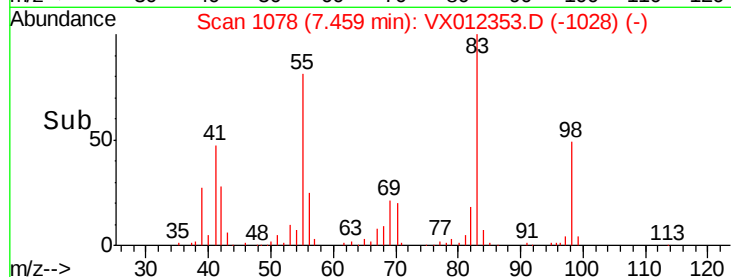
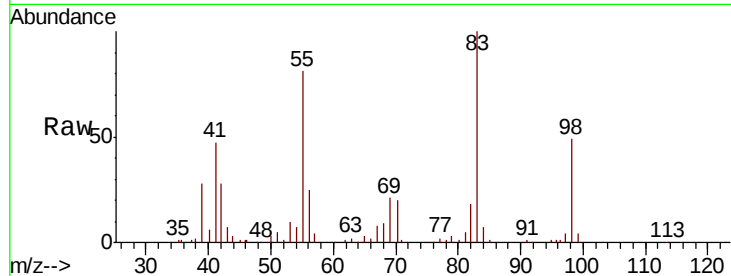




#39
Methylcyclohexane
Concen: 19.530 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

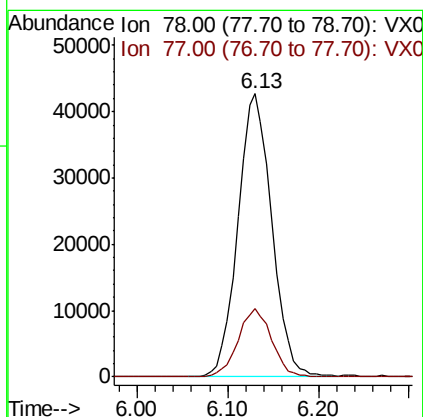
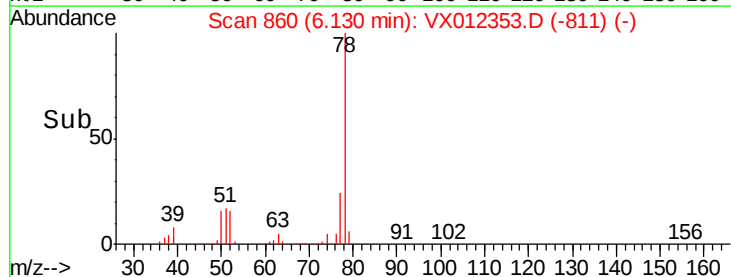
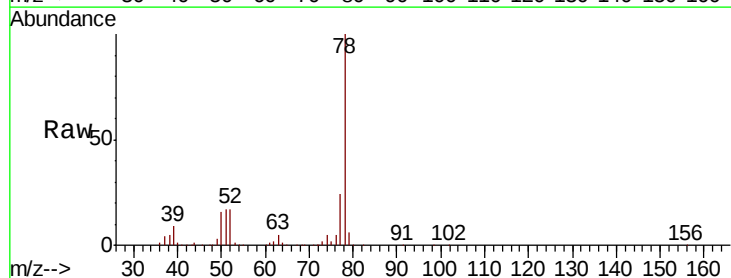
Instrument :
MSVOA_X
ClientSampleId :
VX0912SBS02

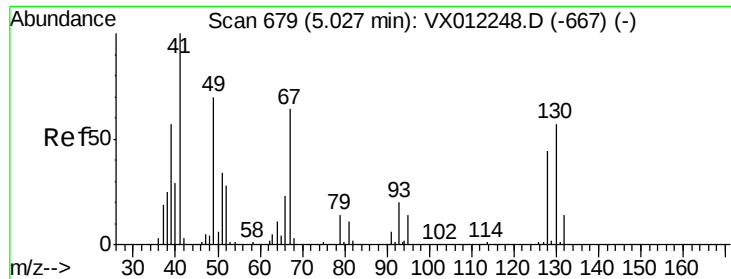
Tgt Ion: 83 Resp: 38440
Ion Ratio Lower Upper
83 100
55 80.8 65.4 98.2
98 48.7 39.6 59.4



#40
Benzene
Concen: 20.379 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

Tgt Ion: 78 Resp: 110617
Ion Ratio Lower Upper
78 100
77 23.9 18.0 27.0

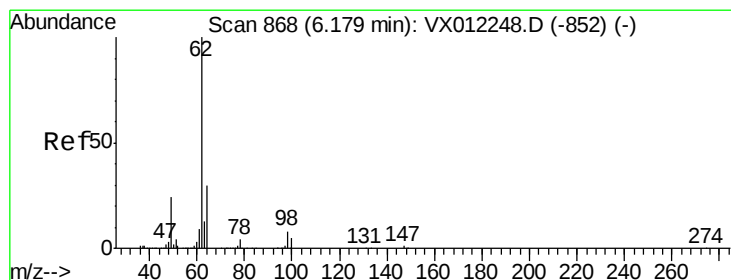
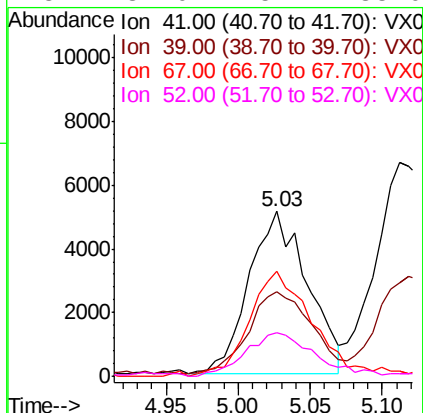
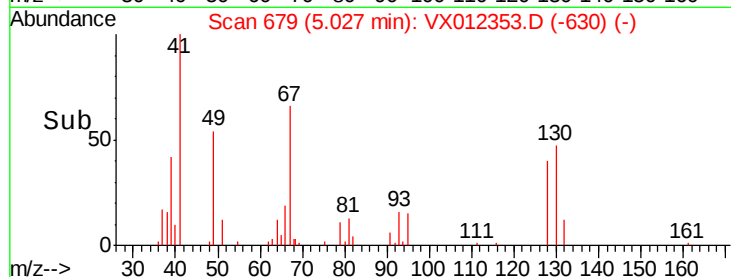
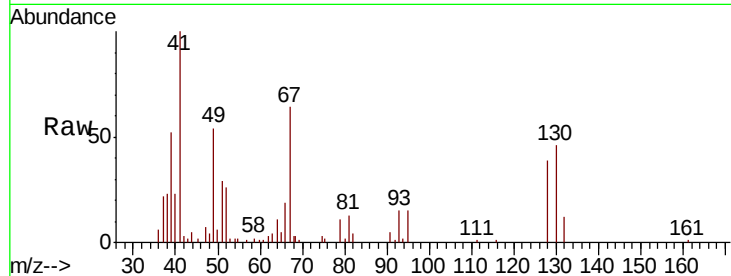




#41
Methacrylonitrile
Concen: 20.915 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

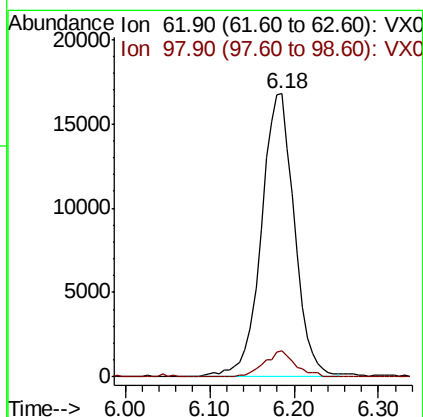
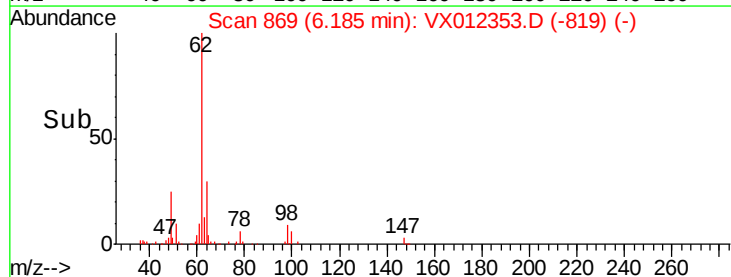
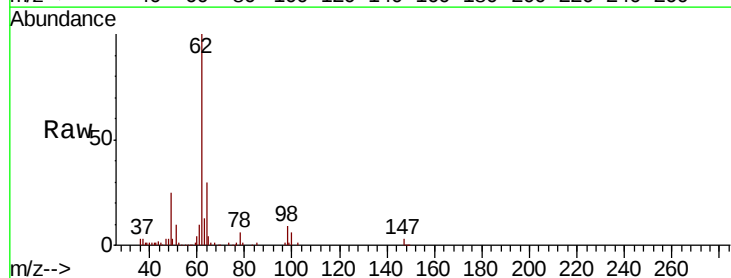
Instrument :
MSVOA_X
ClientSampleId :
VX0912SBS02

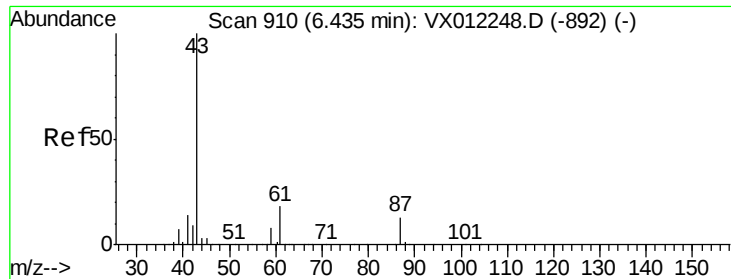
Tgt Ion:	41	Resp:	14295
Ion	Ratio	Lower	Upper
41	100		
39	55.4	49.0	73.4
67	71.3	55.0	82.4
52	32.0	25.4	38.0



#42
1,2-Dichloroethane
Concen: 21.254 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

Tgt Ion:	62	Resp:	45597
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.2



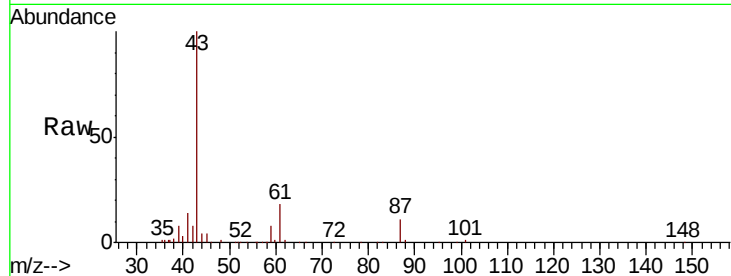


#43

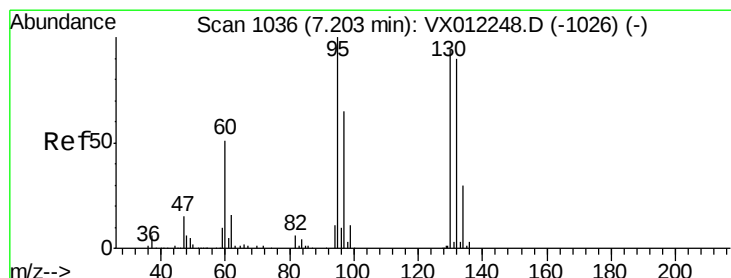
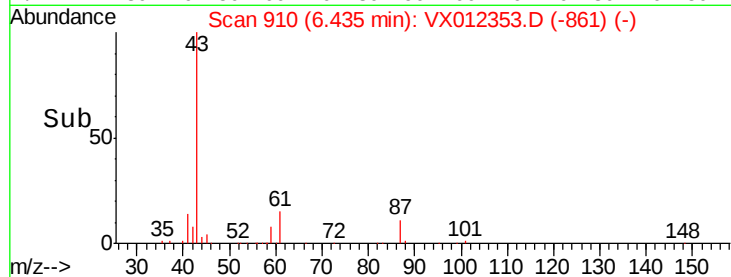
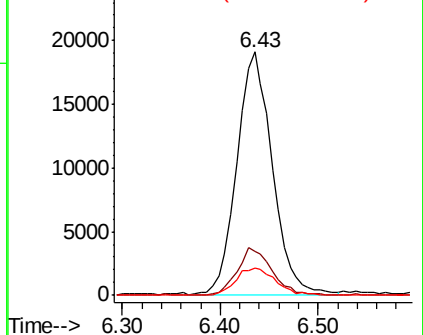
Isopropyl Acetate
 Concen: 20.437 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912SBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.4	23.2
87	12.7	10.5	15.7



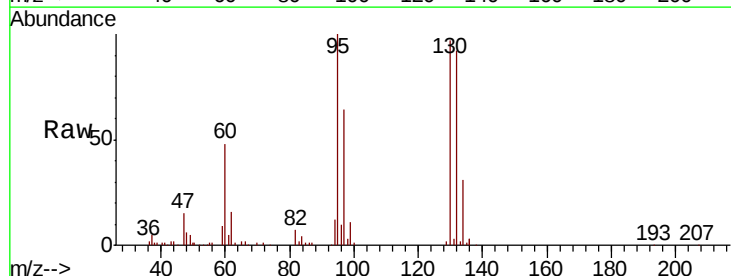
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



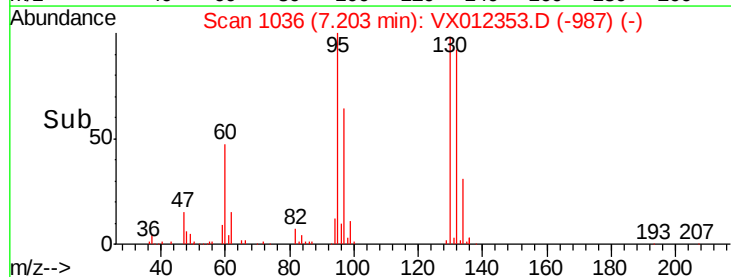
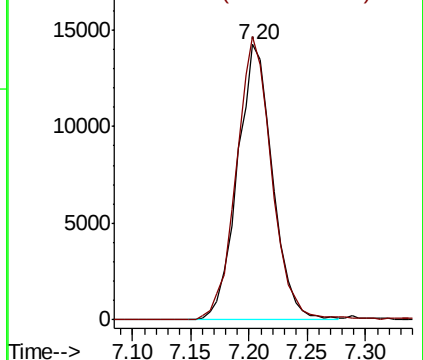
#44

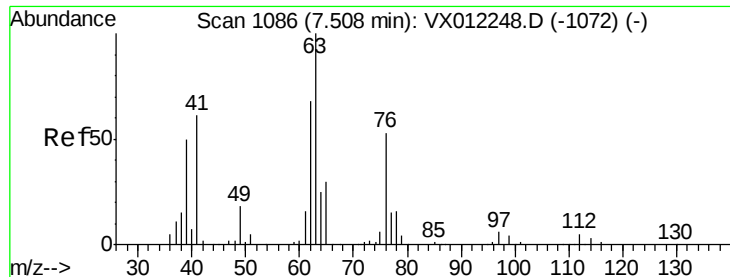
Trichloroethene
 Concen: 20.391 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	212.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

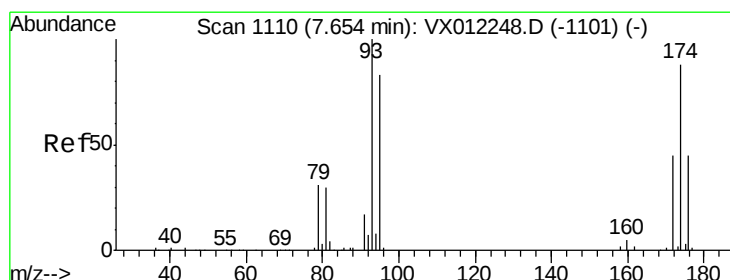
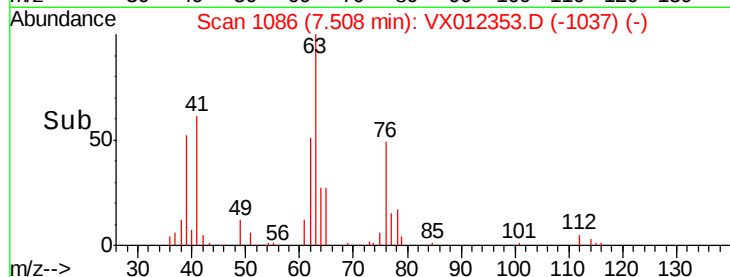
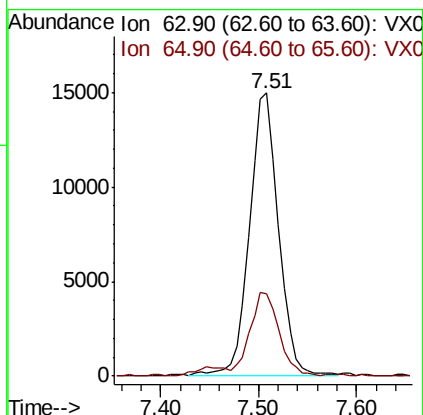
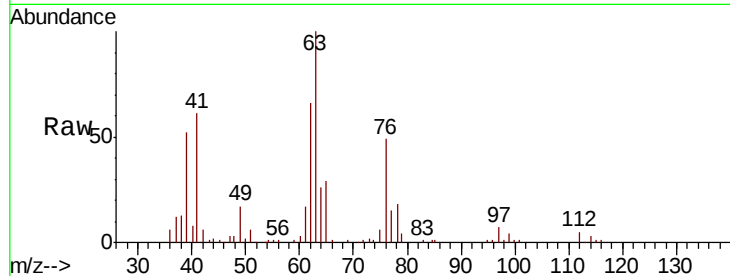




#45
 1,2-Dichloropropane
 Concen: 20.200 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

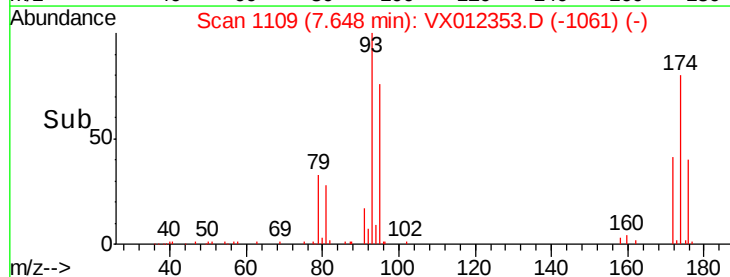
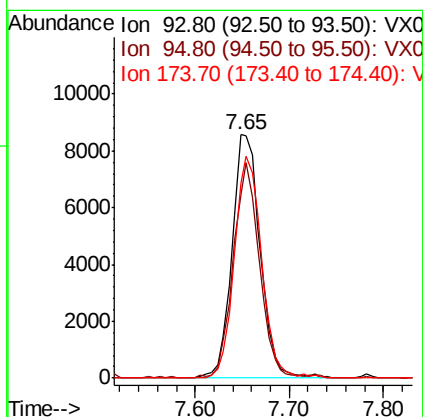
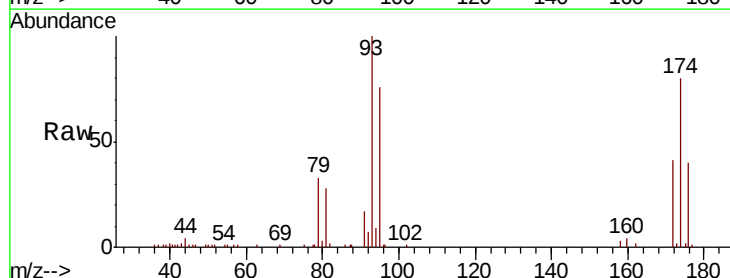
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912SBS02

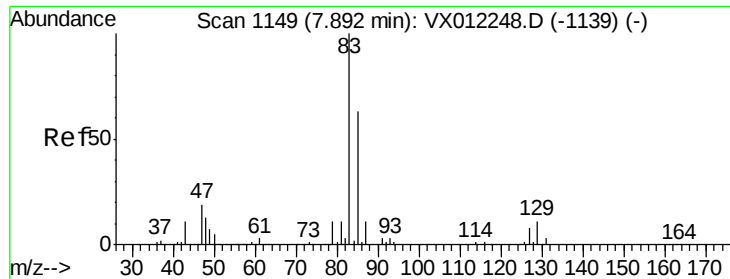
Tgt Ion: 63 Resp: 30351
 Ion Ratio Lower Upper
 63 100
 65 28.8 24.3 36.5



#46
 Dibromomethane
 Concen: 21.587 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

Tgt Ion: 93 Resp: 17727
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.7 98.5
 174 87.7 71.0 106.4





#47

Bromodichloromethane

Concen: 19.591 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012353.D

Acq: 12 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

VX0912SBS02

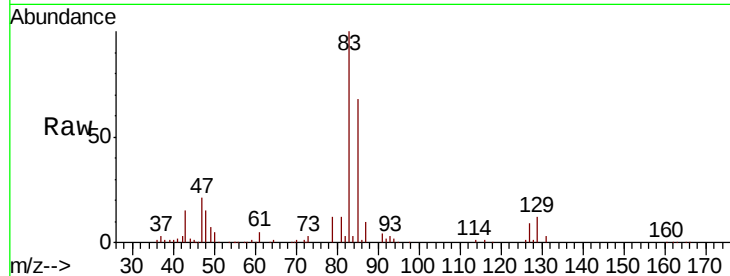
Tgt Ion: 83 Resp: 43902

Ion Ratio Lower Upper

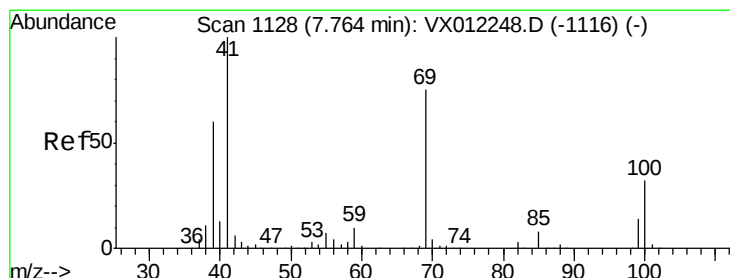
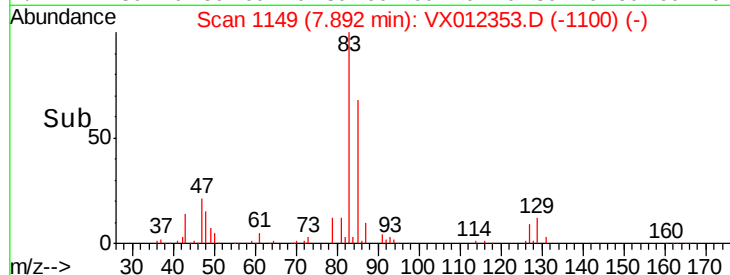
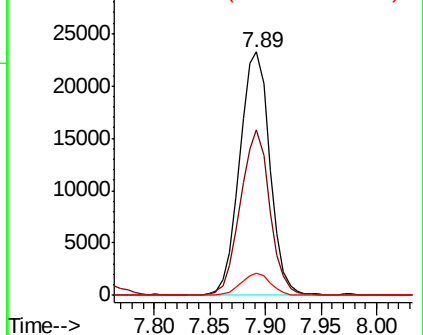
83 100

85 67.6 50.2 75.4

127 9.3 6.3 9.5



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: 20.437 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012353.D

Acq: 12 Sep 2019 17:55

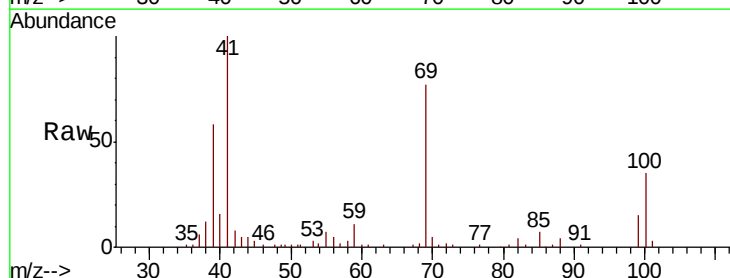
Tgt Ion: 41 Resp: 22865

Ion Ratio Lower Upper

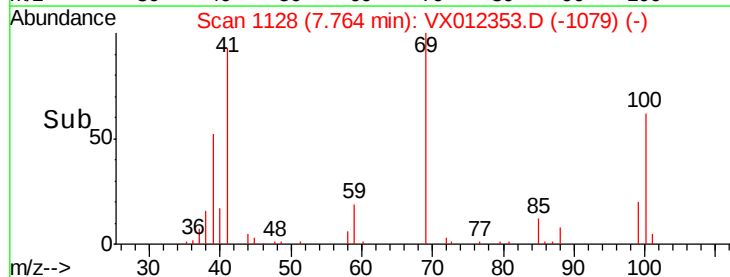
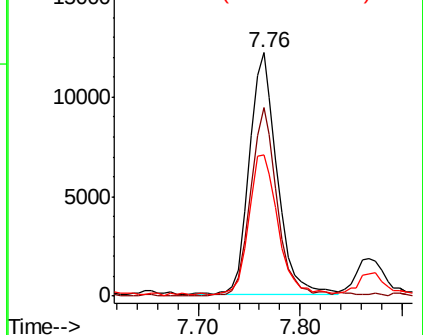
41 100

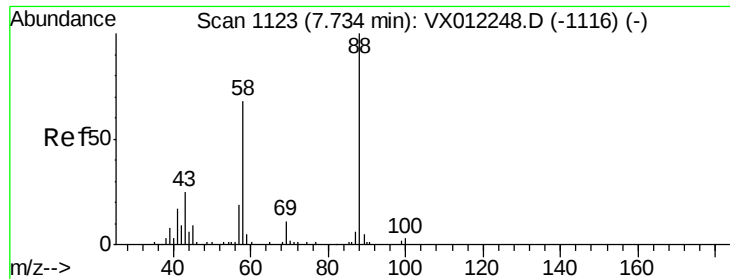
69 75.8 61.8 92.6

39 60.2 48.6 73.0



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

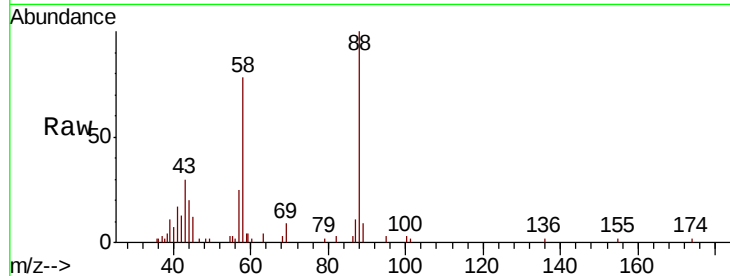




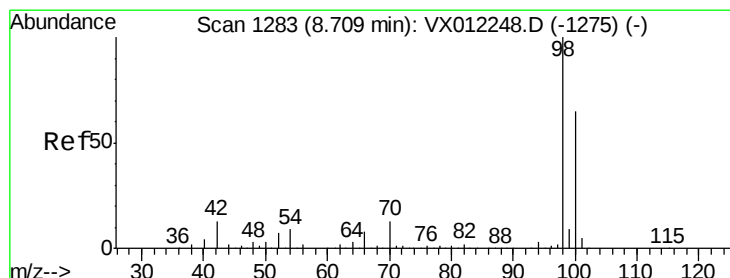
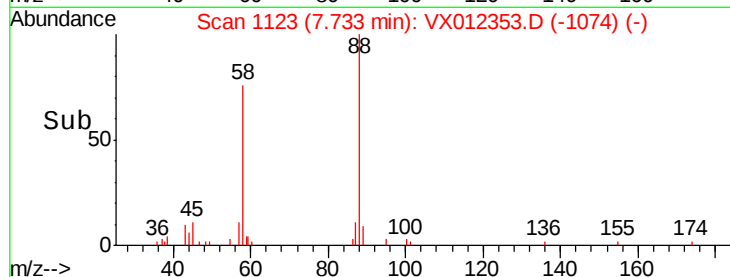
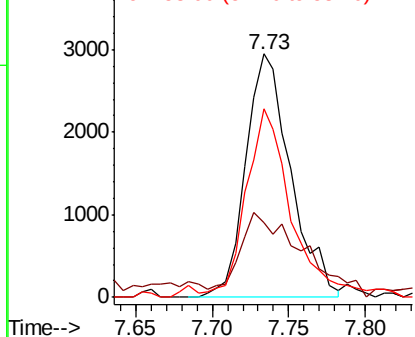
#49
1,4-Dioxane
Concen: 398.287 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

Instrument :
MSVOA_X
ClientSampleId :
VX0912SBS02

Tgt Ion: 88 Resp: 6013
Ion Ratio Lower Upper
88 100
43 49.4 31.0 46.4#
58 79.0 61.5 92.3

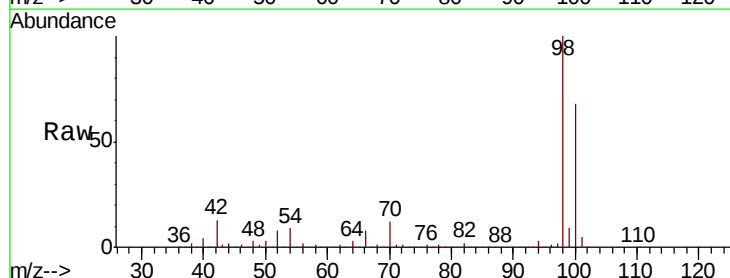


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

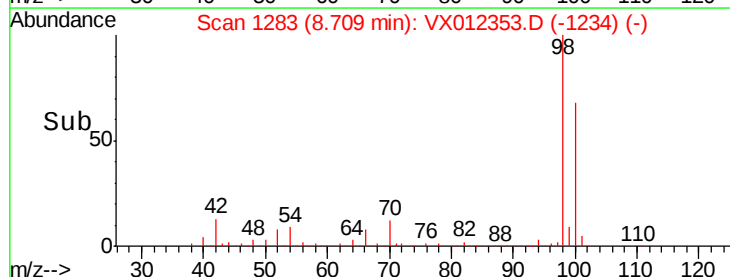
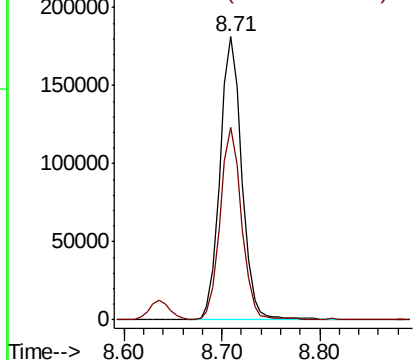


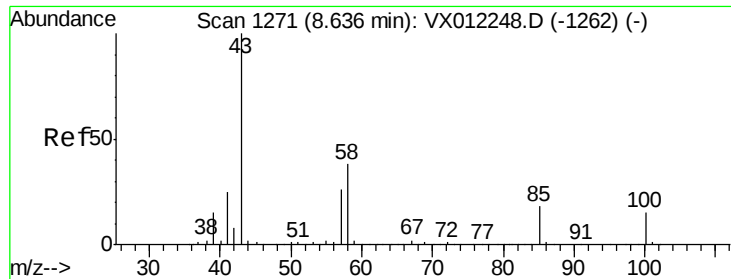
#50
Toluene-d8
Concen: 50.727 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

Tgt Ion: 98 Resp: 280528
Ion Ratio Lower Upper
98 100
100 66.4 54.1 81.1



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

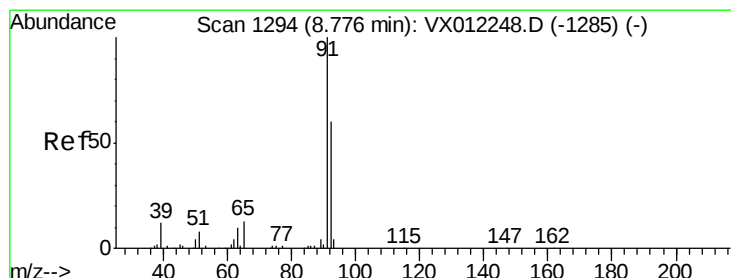
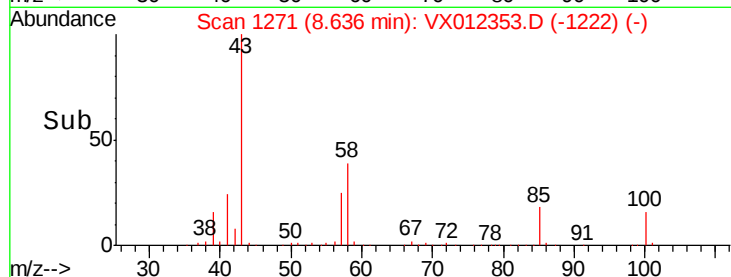
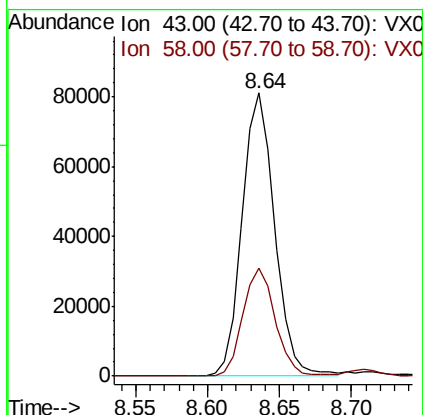
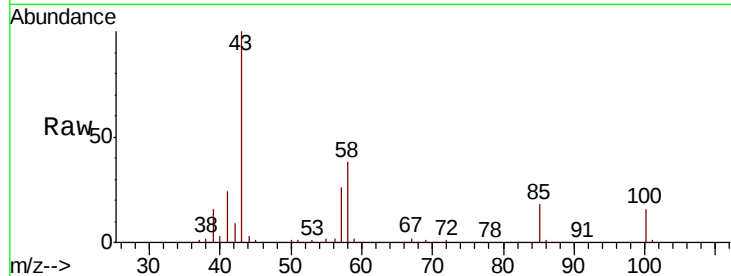




#51
 4-Methyl-2-Pentanone
 Concen: 102.342 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

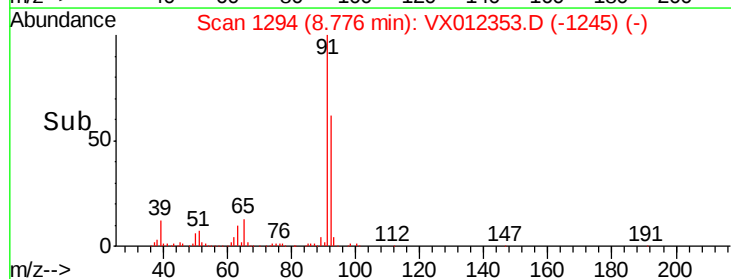
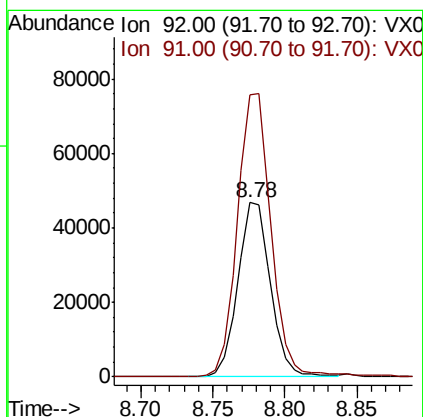
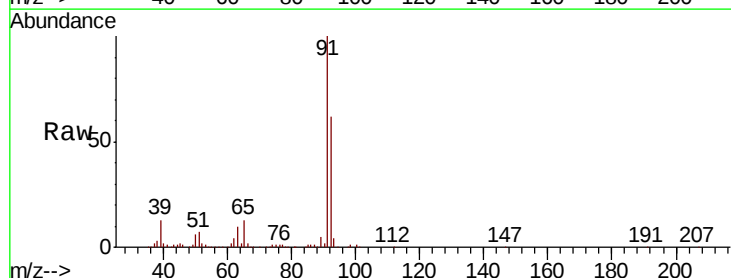
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912SBS02

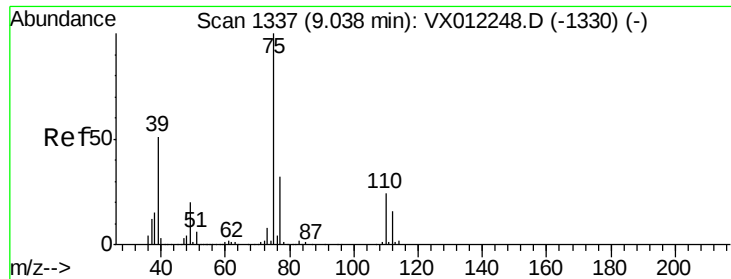
Tgt Ion: 43 Resp: 126252
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.1 45.1



#52
 Toluene
 Concen: 20.561 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

Tgt Ion: 92 Resp: 73720
 Ion Ratio Lower Upper
 92 100
 91 168.5 133.6 200.4

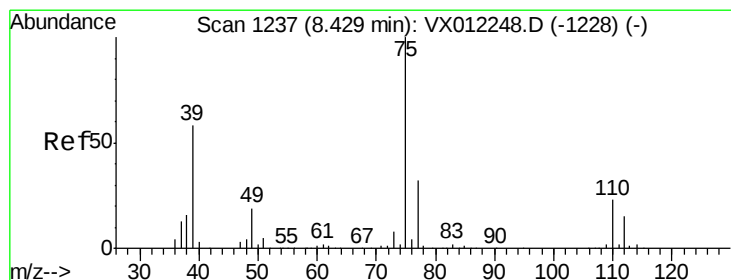
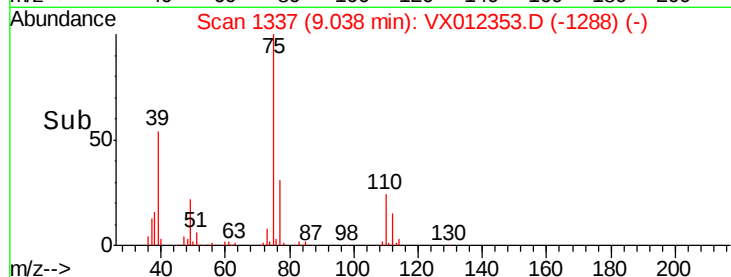
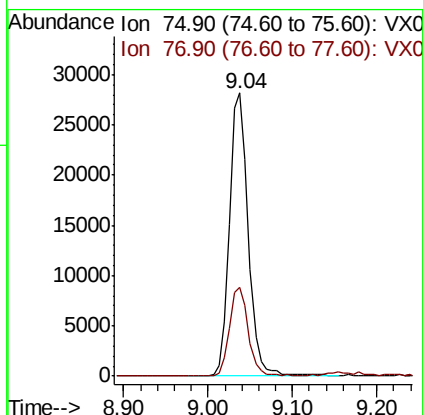
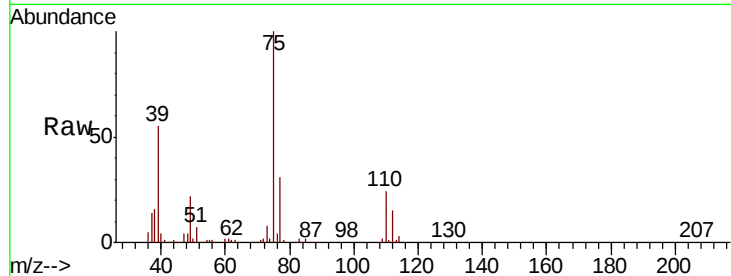




#53
t-1,3-Dichloropropene
Concen: 19.270 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

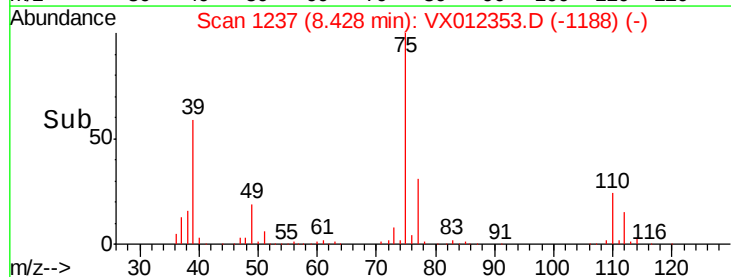
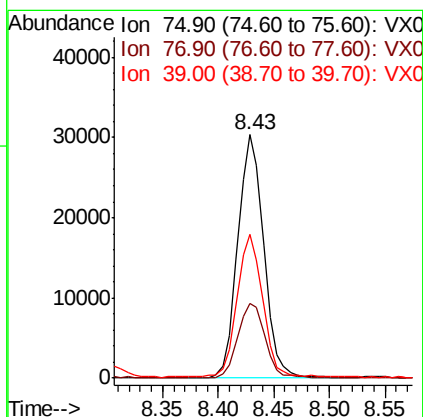
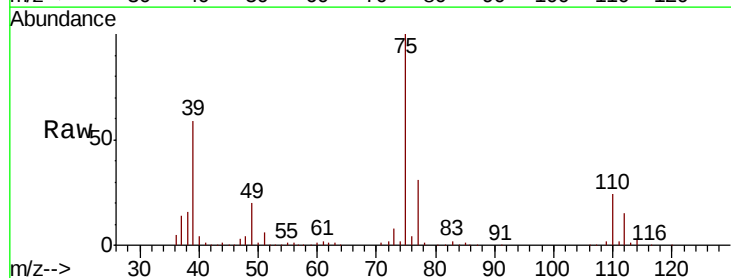
Instrument :
MSVOA_X
ClientSampleId :
VX0912SBS02

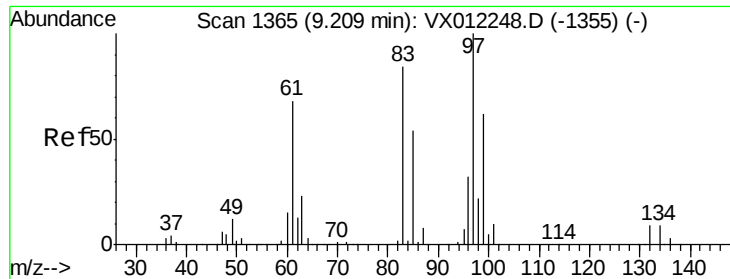
Tgt Ion: 75 Resp: 43100
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 19.791 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

Tgt Ion: 75 Resp: 49085
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.2
39 58.6 46.5 69.7

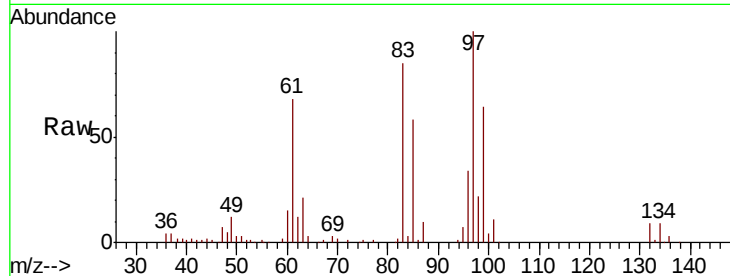




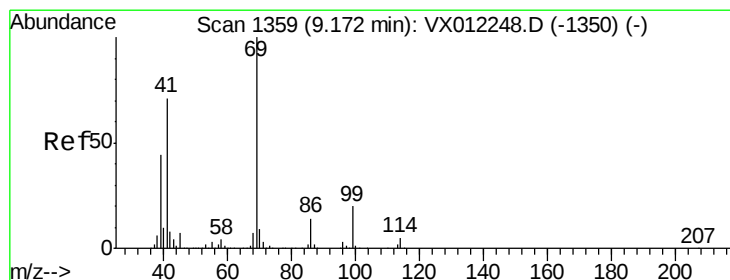
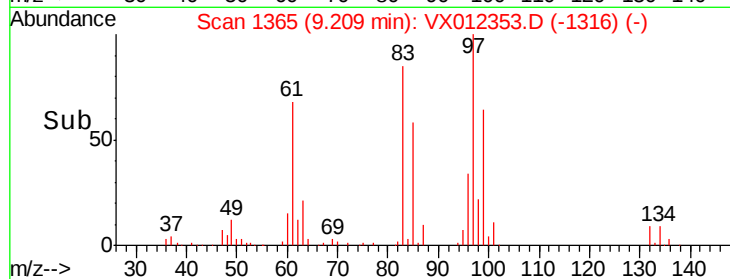
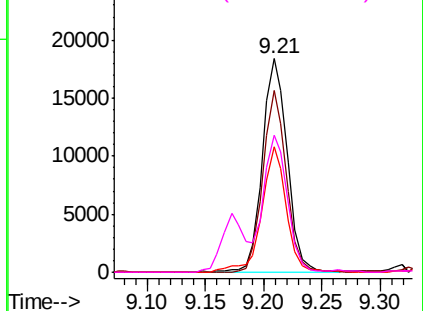
#55
 1,1,2-Trichloroethane
 Concen: 21.563 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912SBS02

Tgt Ion: 97 Resp: 27432
 Ion Ratio Lower Upper
 97 100
 83 85.4 67.4 101.2
 85 58.5 43.4 65.2
 99 63.9 49.8 74.6

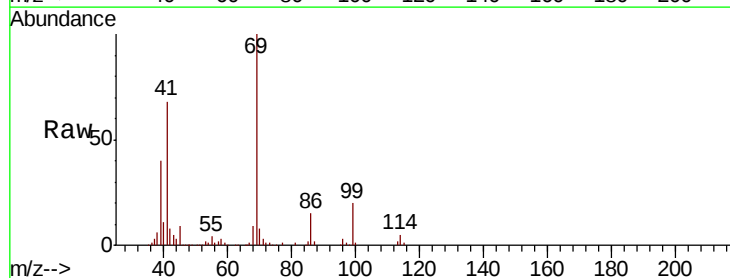


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

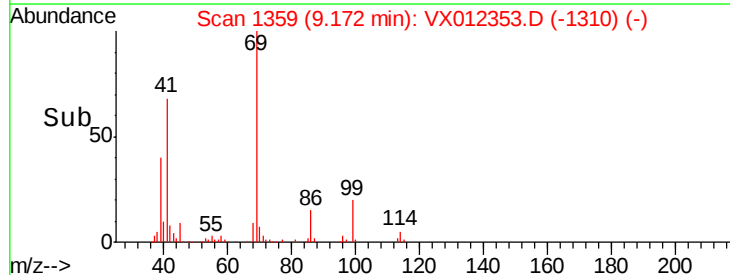
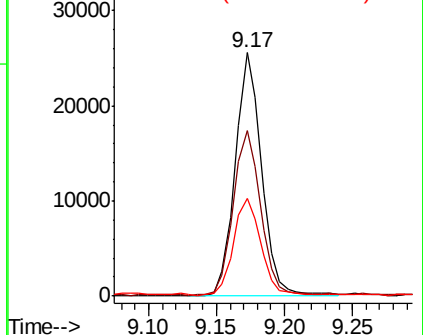


#56
 Ethyl methacrylate
 Concen: 20.152 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

Tgt Ion: 69 Resp: 34713
 Ion Ratio Lower Upper
 69 100
 41 70.3 57.7 86.5
 39 42.9 34.0 51.0



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

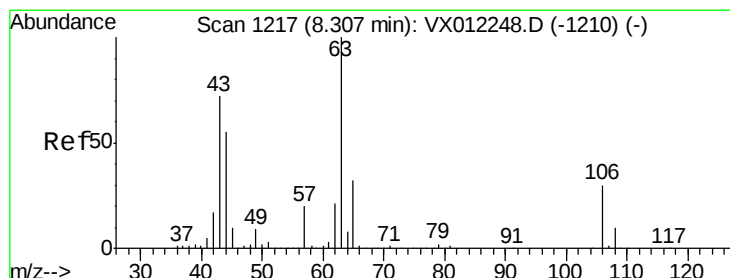
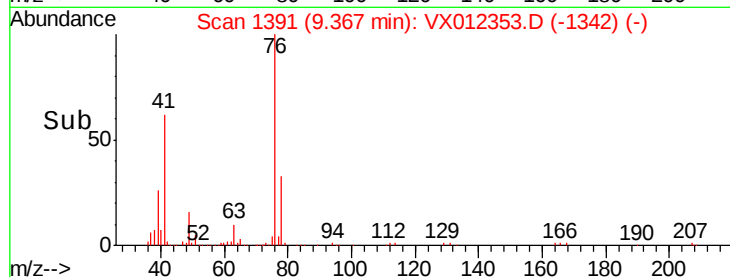
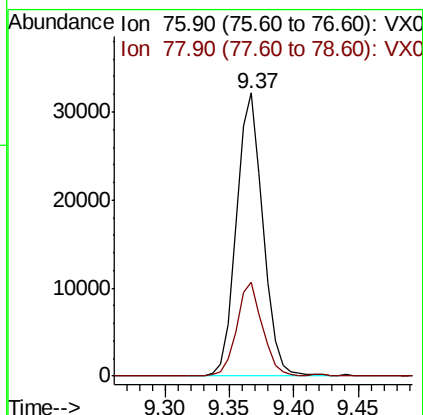
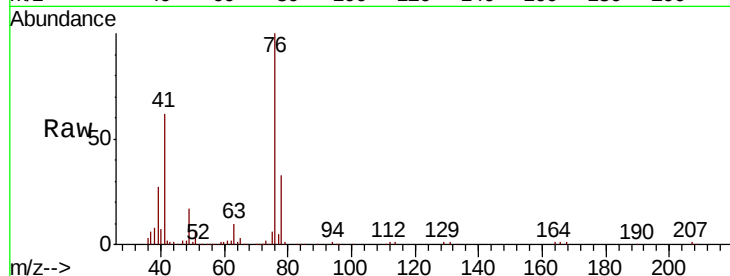




#57
 1,3-Dichloropropane
 Concen: 21.141 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

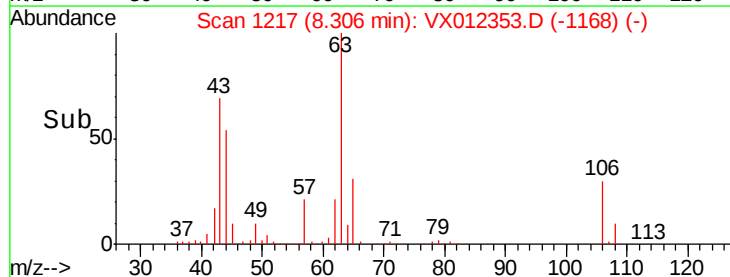
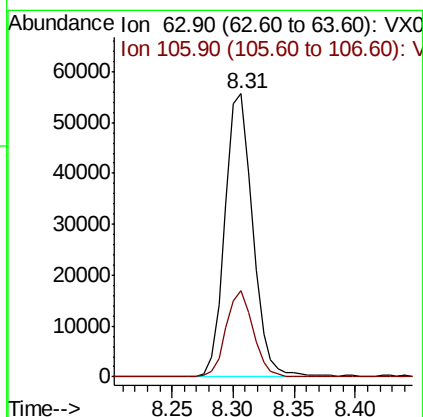
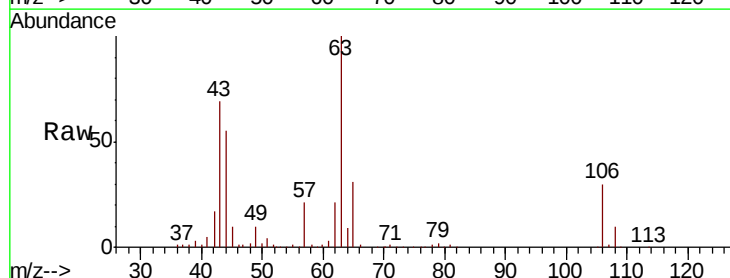
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912SBS02

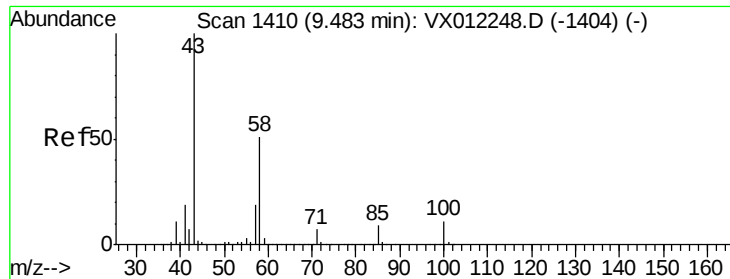
Tgt Ion: 76 Resp: 45936
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.623 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

Tgt Ion: 63 Resp: 87952
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.4 35.2

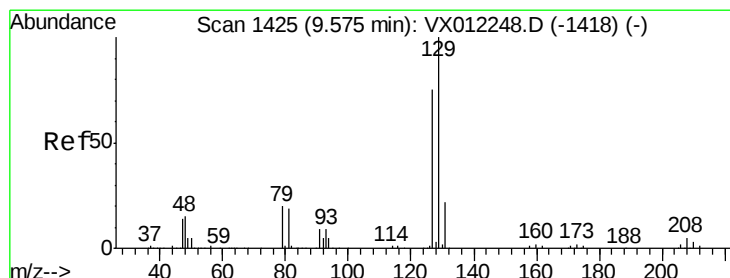
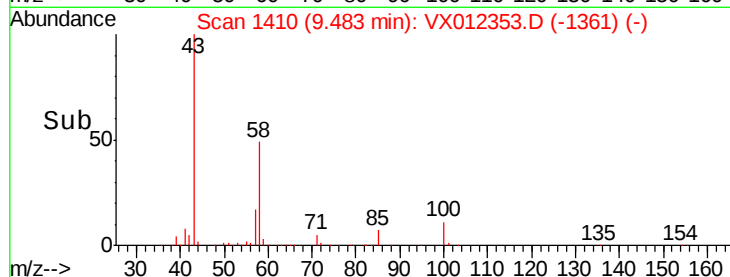
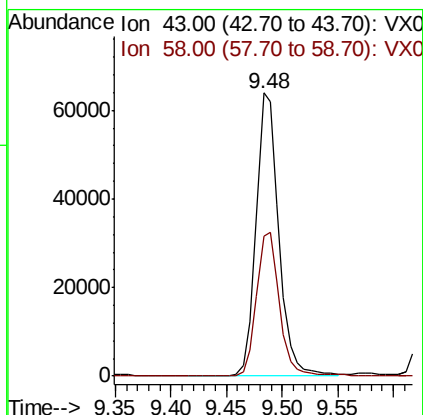
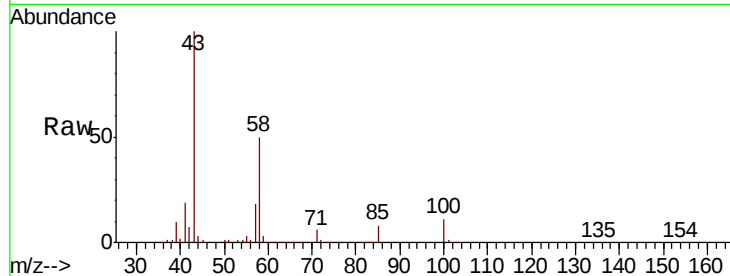




#59
2-Hexanone
Concen: 105.607 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

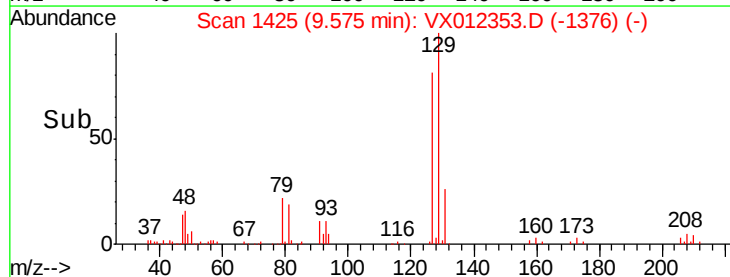
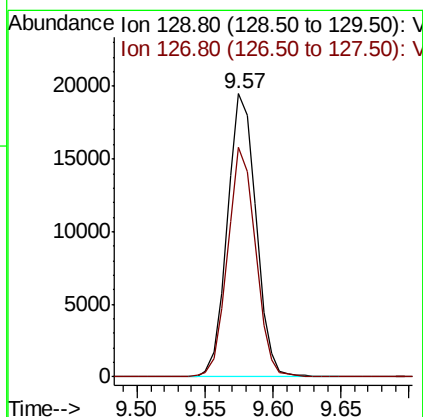
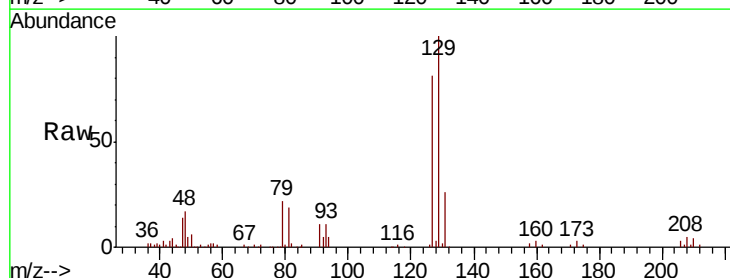
Instrument :
MSVOA_X
ClientSampleId :
VX0912SBS02

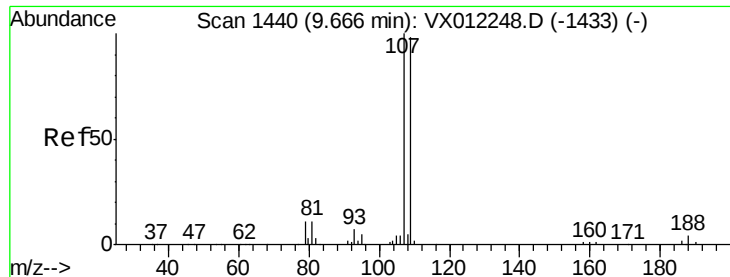
Tgt Ion: 43 Resp: 90585
Ion Ratio Lower Upper
43 100
58 52.4 25.8 77.3



#60
Dibromochloromethane
Concen: 19.275 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

Tgt Ion: 129 Resp: 28627
Ion Ratio Lower Upper
129 100
127 78.7 38.1 114.3





#61

1,2-Dibromoethane

Concen: 20.937 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012353.D

Acq: 12 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

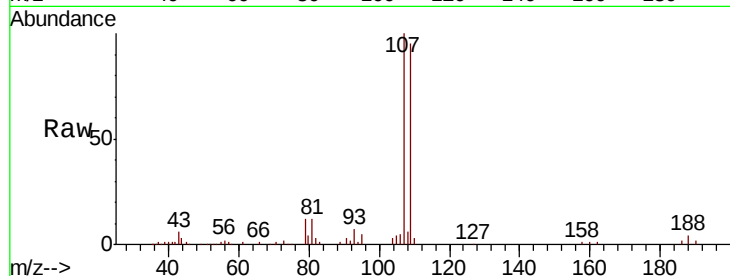
VX0912SBS02

Tgt Ion: 107 Resp: 24794

Ion Ratio Lower Upper

107 100

109 93.3 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

20000 Ion 108.80 (108.50 to 109.50): V

15000

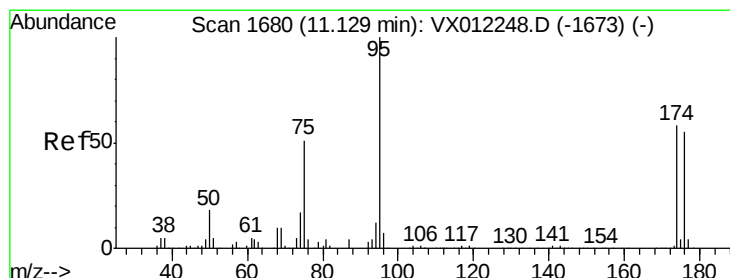
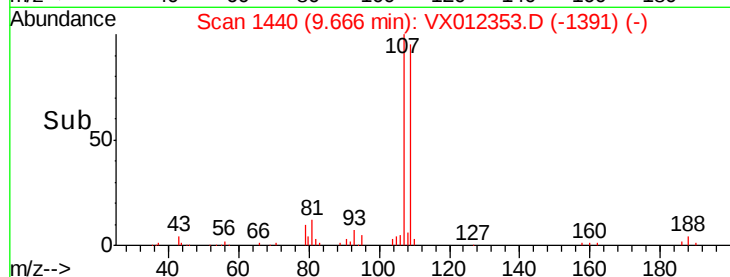
10000

5000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 46.325 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012353.D

Acq: 12 Sep 2019 17:55

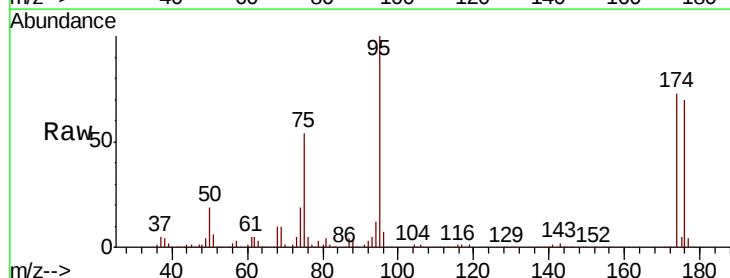
Tgt Ion: 95 Resp: 118769

Ion Ratio Lower Upper

95 100

174 68.9 0.0 127.0

176 66.6 0.0 125.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

120000 Ion 173.80 (173.50 to 174.50): V

100000 Ion 175.80 (175.50 to 176.50): V

80000

60000

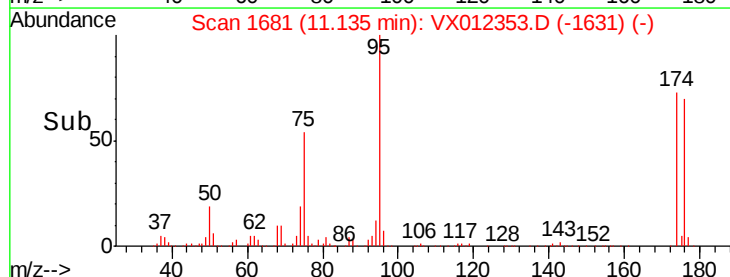
40000

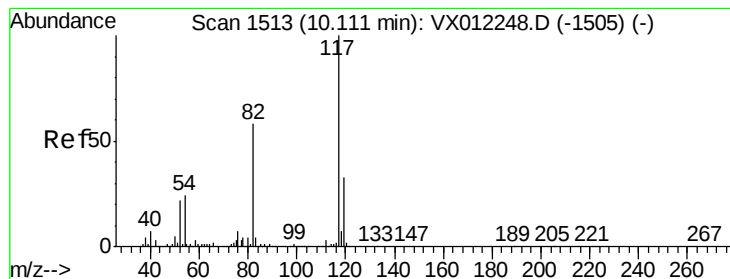
20000

0

11.10 11.14 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: VX012353.D

Acq: 12 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

VX0912SBS02

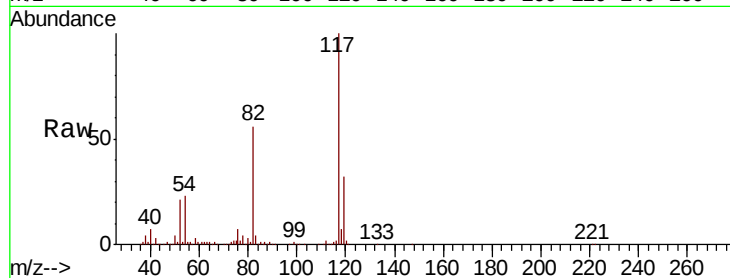
Tgt Ion:117 Resp: 229279

Ion Ratio Lower Upper

117 100

82 55.6 46.4 69.6

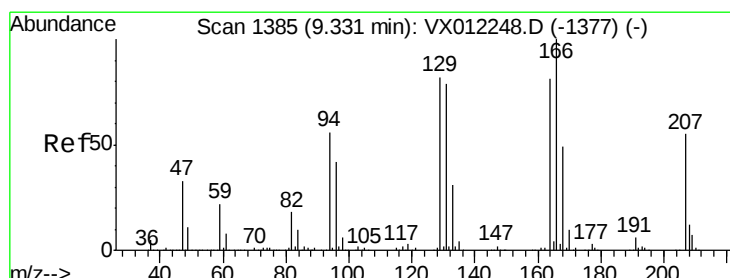
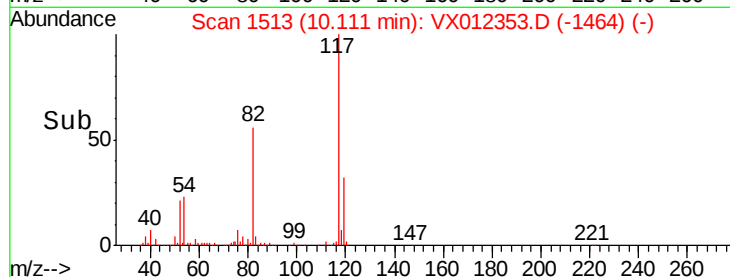
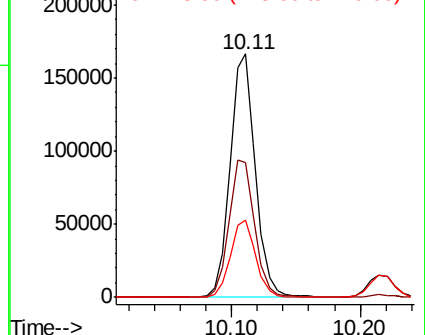
119 31.8 26.6 39.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.231 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX012353.D

Acq: 12 Sep 2019 17:55

Tgt Ion:164 Resp: 24532

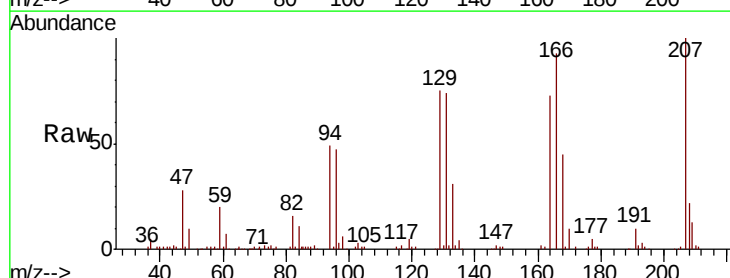
Ion Ratio Lower Upper

164 100

166 126.9 99.4 149.0

129 102.8 81.8 122.8

131 100.5 78.3 117.5

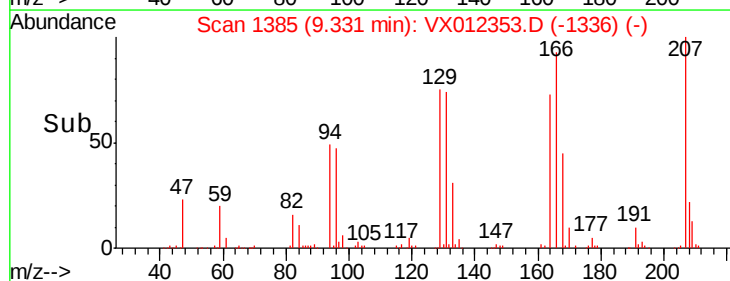
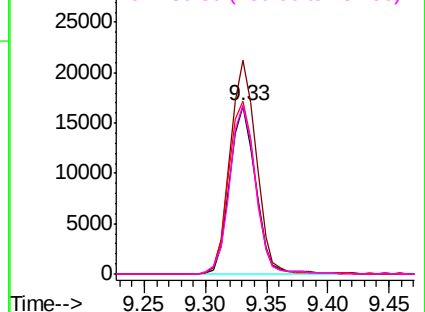


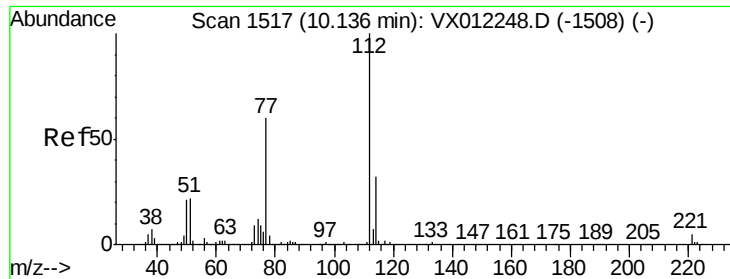
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

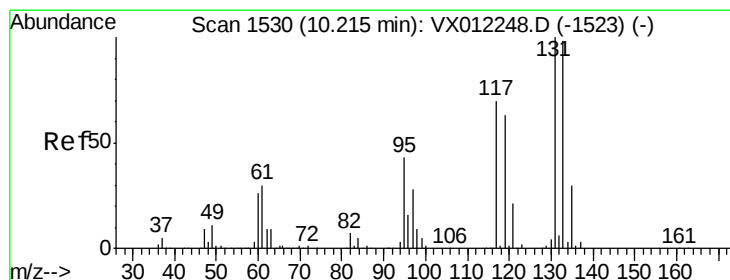
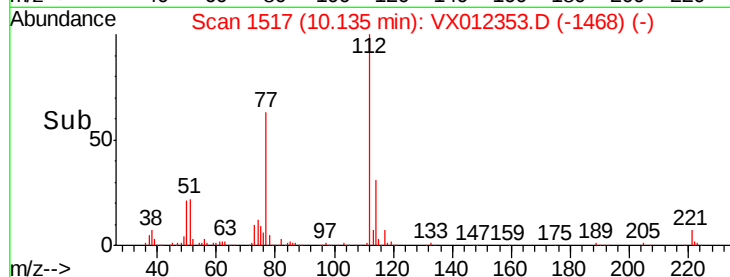
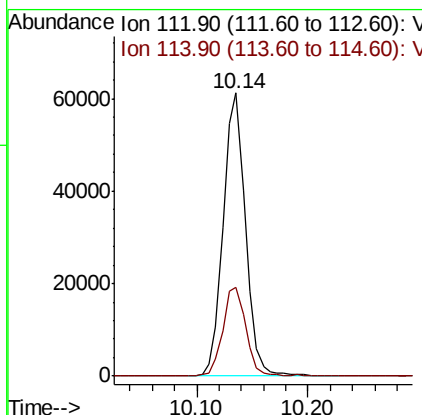
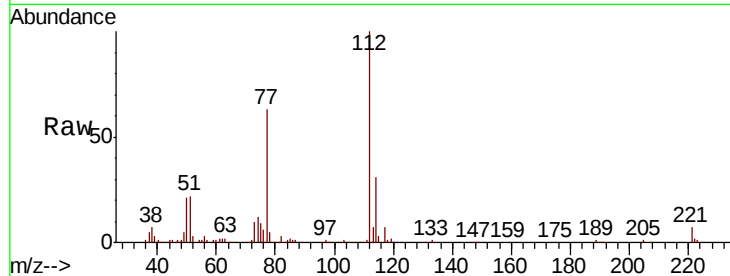




#65
Chlorobenzene
Concen: 20.253 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

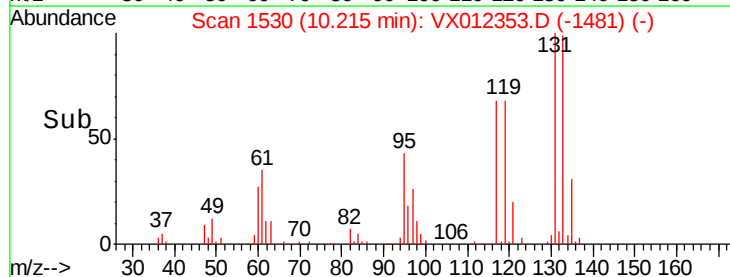
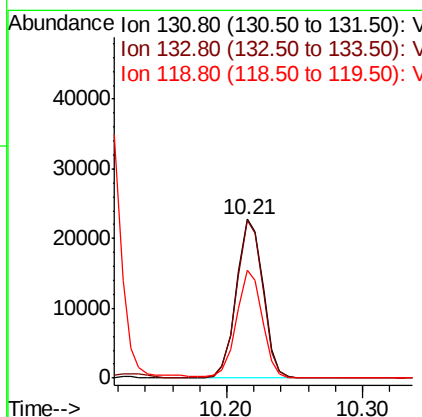
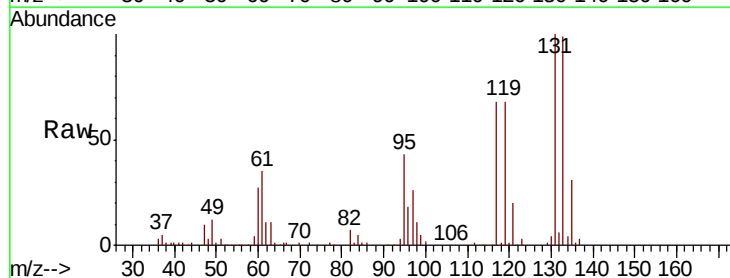
Instrument :
MSVOA_X
ClientSampleId :
VX0912SBS02

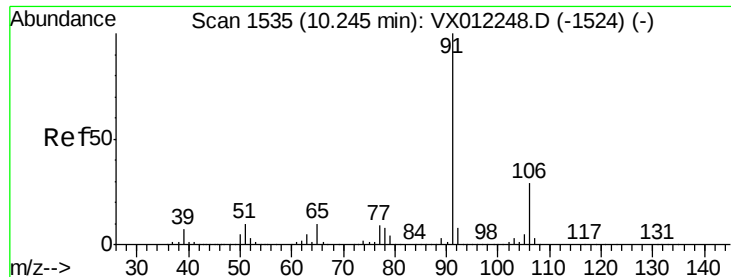
Tgt Ion:112 Resp: 84845
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.818 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

Tgt Ion:131 Resp: 31297
Ion Ratio Lower Upper
131 100
133 97.7 48.0 144.2
119 65.6 31.6 95.0

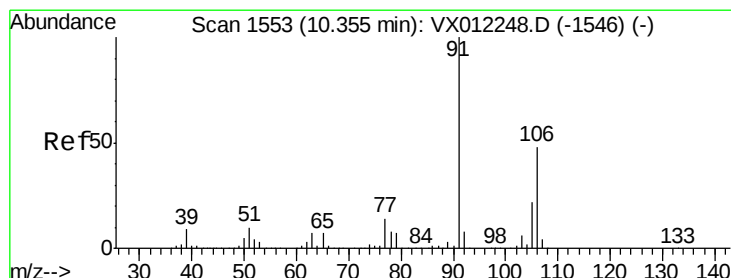
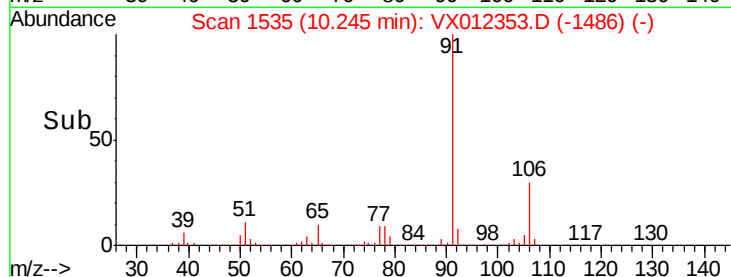
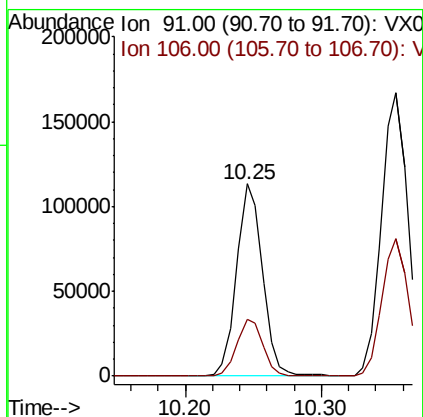
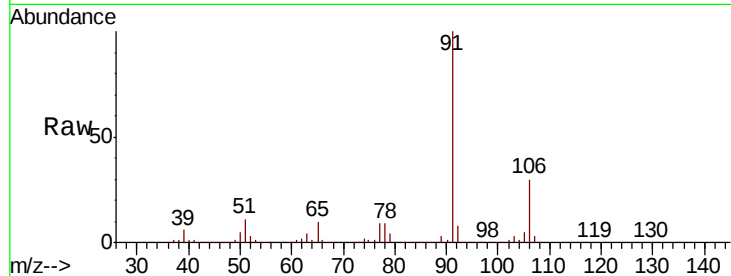




#67
Ethyl Benzene
Concen: 20.266 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

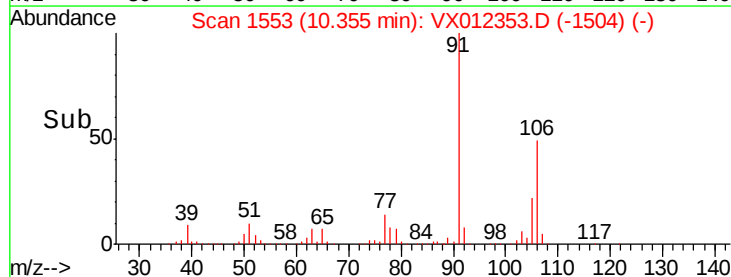
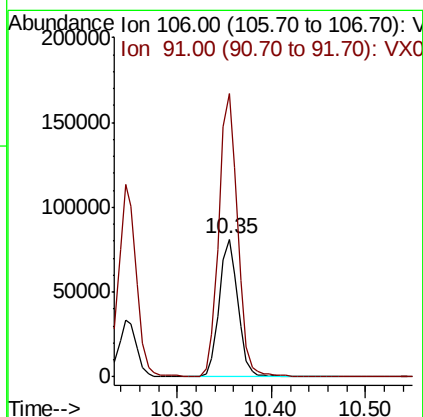
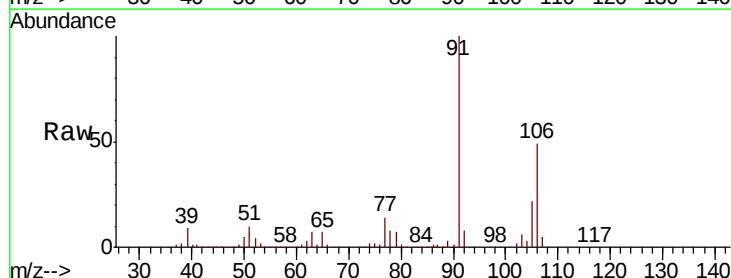
Instrument :
MSVOA_X
ClientSampleId :
VX0912SBS02

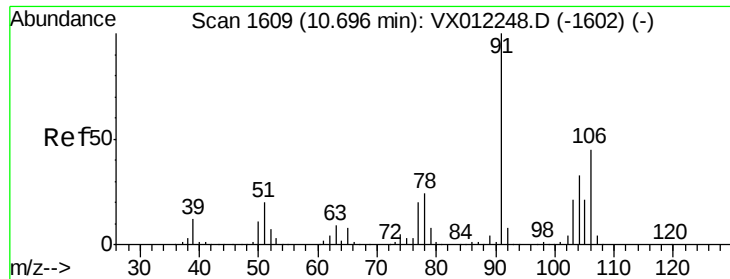
Tgt Ion: 91 Resp: 151006
Ion Ratio Lower Upper
91 100
106 29.8 23.1 34.7



#68
m/p-Xylenes
Concen: 40.984 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

Tgt Ion: 106 Resp: 112412
Ion Ratio Lower Upper
106 100
91 205.6 167.0 250.6

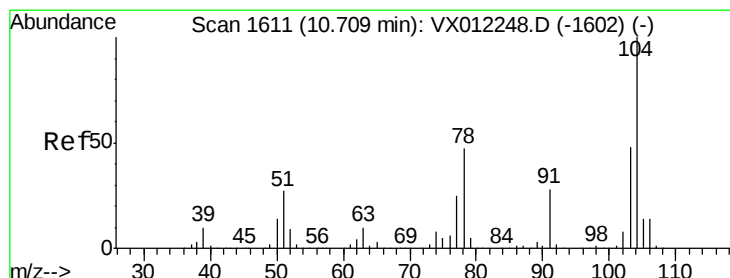
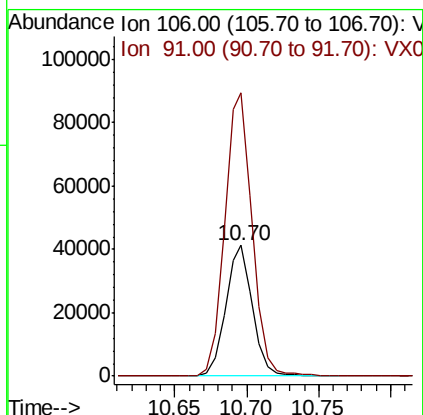
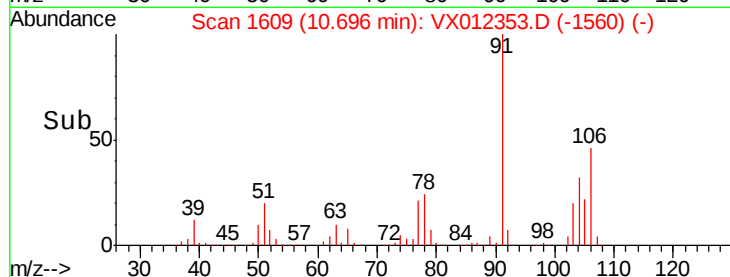
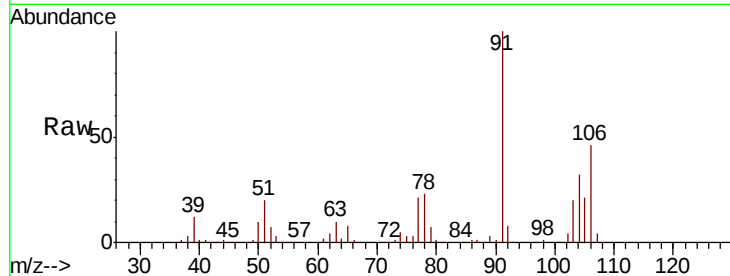




#69
o-Xylene
Concen: 19.994 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

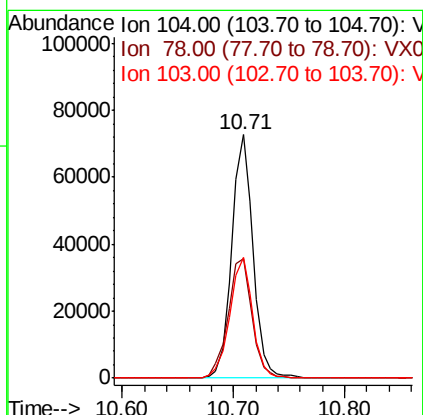
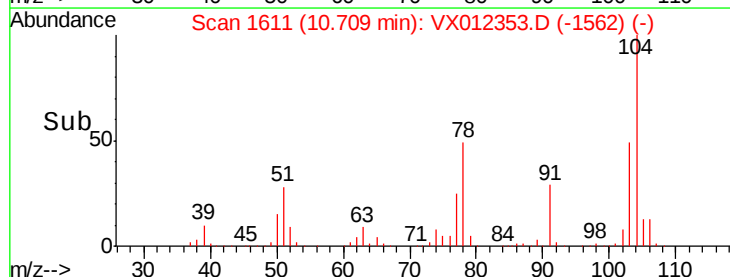
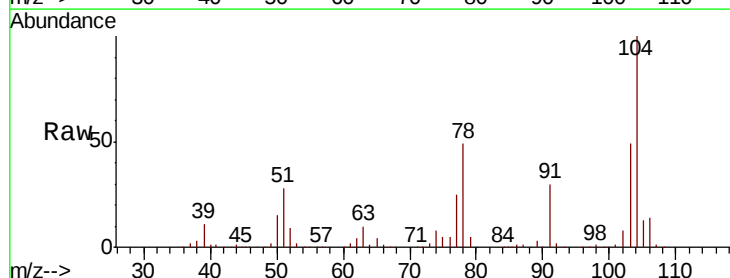
Instrument :
MSVOA_X
ClientSampleId :
VX0912SBS02

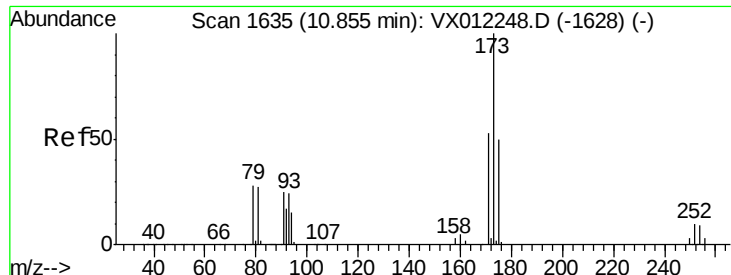
Tgt Ion:106 Resp: 53722
Ion Ratio Lower Upper
106 100
91 221.6 110.5 331.4



#70
Styrene
Concen: 20.184 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

Tgt Ion:104 Resp: 96182
Ion Ratio Lower Upper
104 100
78 55.6 44.2 66.2
103 53.2 42.5 63.7





#71

Bromoform

Concen: 18.877 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012353.D

Acq: 12 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

VX0912SBS02

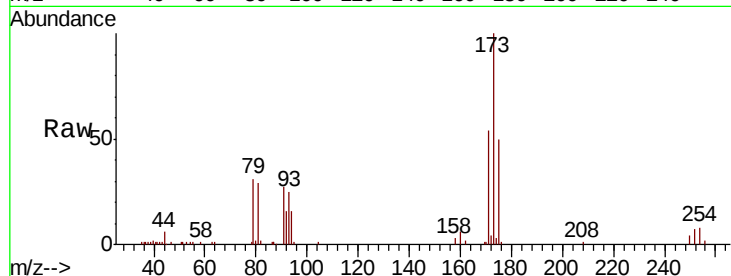
Tgt Ion:173 Resp: 15459

Ion Ratio Lower Upper

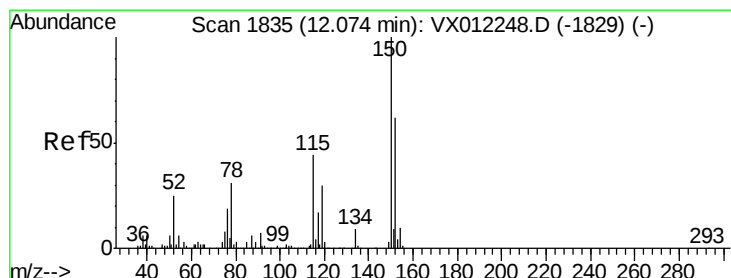
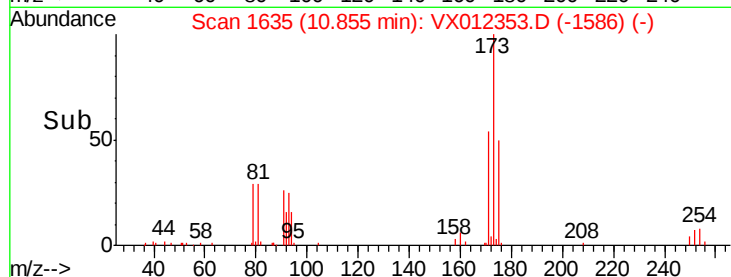
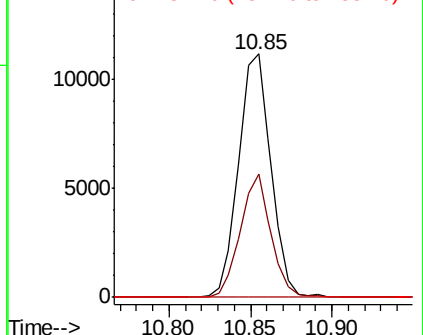
173 100

175 48.0 24.5 73.5

254 0.0 0.2 0.4#



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: VX012353.D

Acq: 12 Sep 2019 17:55

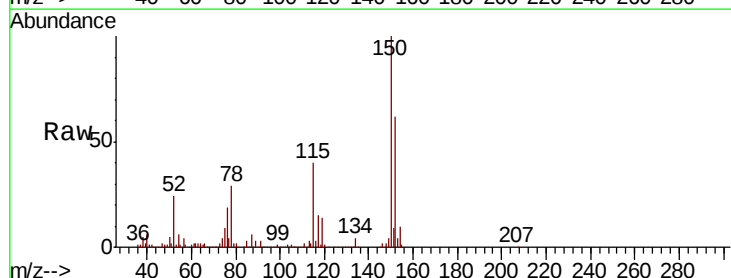
Tgt Ion:152 Resp: 116246

Ion Ratio Lower Upper

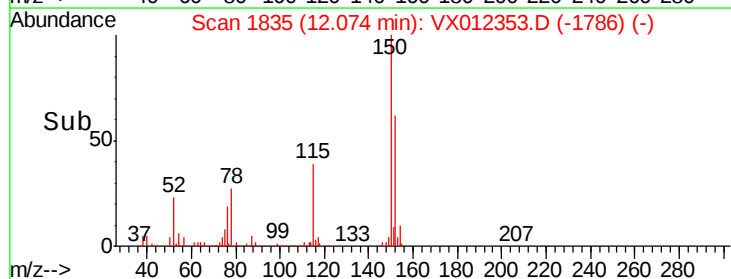
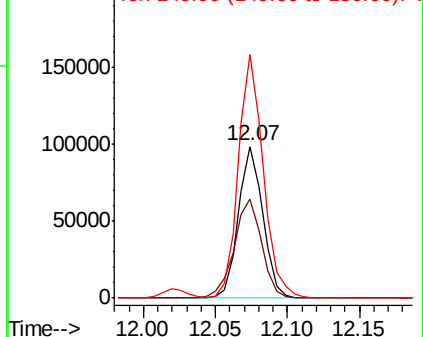
152 100

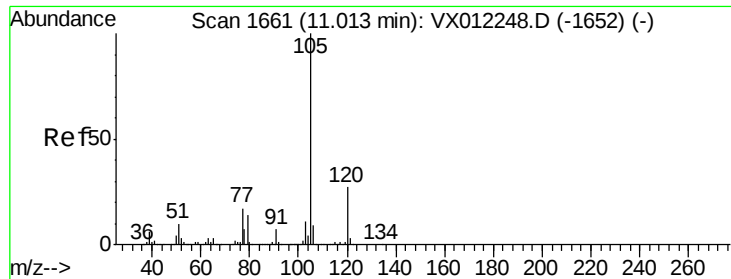
115 73.8 45.5 136.4

150 164.4 0.0 346.4



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





#73

Isopropylbenzene

Concen: 19.238 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012353.D

Acq: 12 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

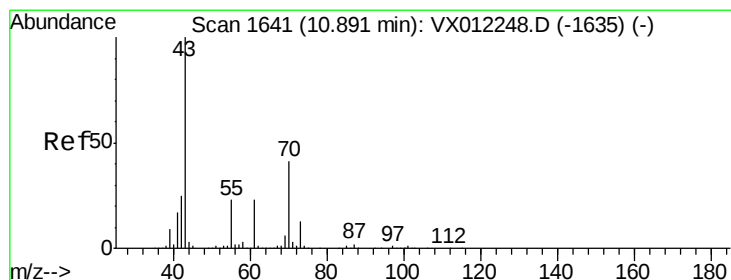
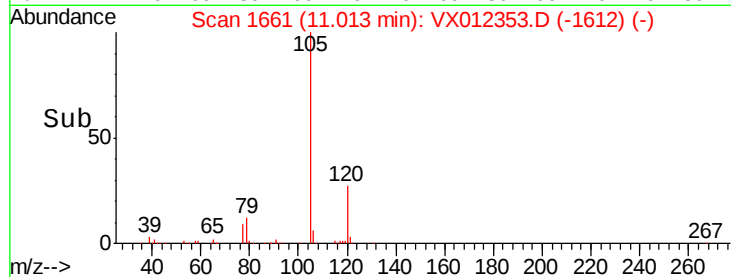
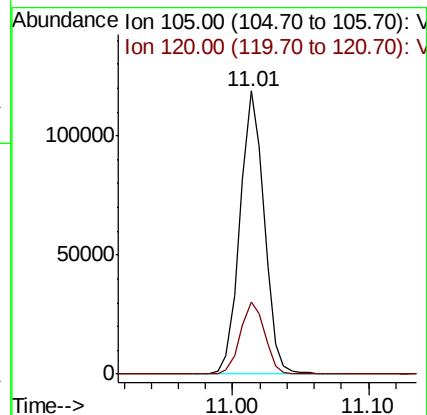
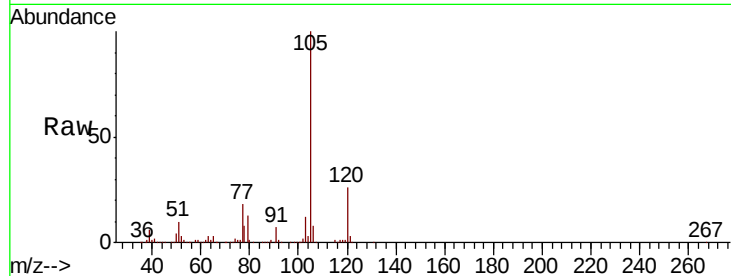
VX0912SBS02

Tgt Ion: 105 Resp: 147228

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.5



#74

N-ethyl acetate

Concen: 18.835 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012353.D

Acq: 12 Sep 2019 17:55

Tgt Ion: 43 Resp: 42858

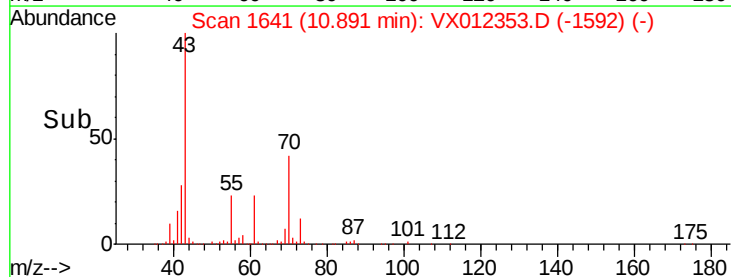
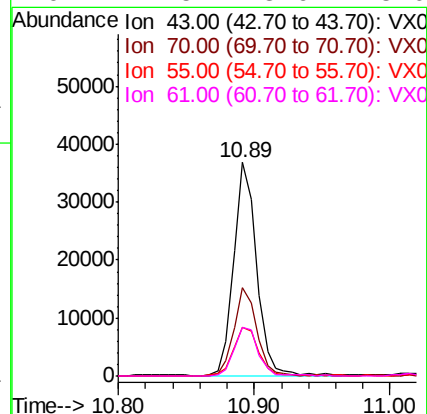
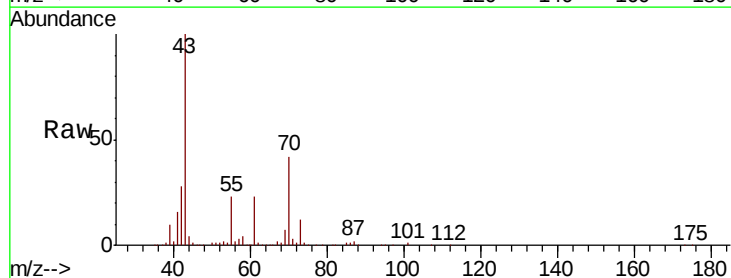
Ion Ratio Lower Upper

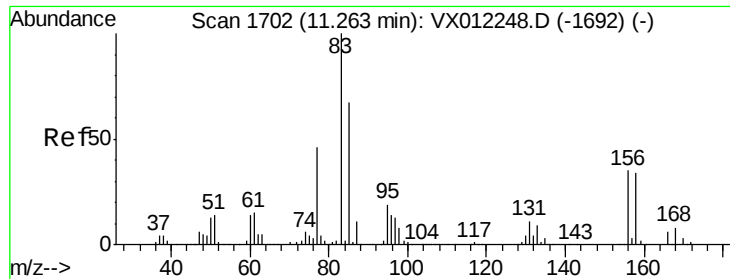
43 100

70 42.3 32.9 49.3

55 25.2 19.1 28.7

61 24.5 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.062 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012353.D

Acq: 12 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

VX0912SBS02

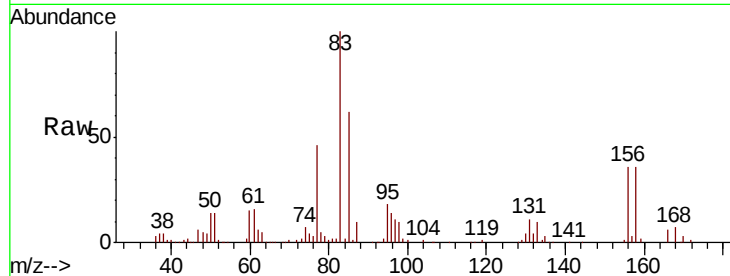
Tgt Ion: 83 Resp: 34617

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.4

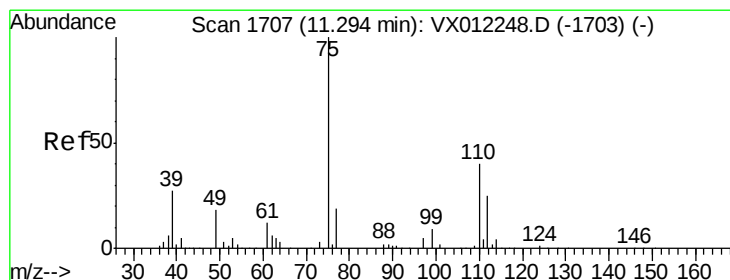
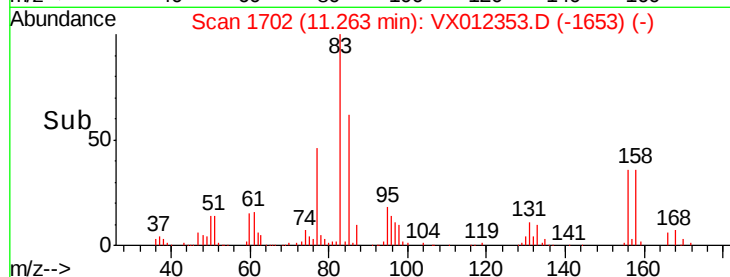
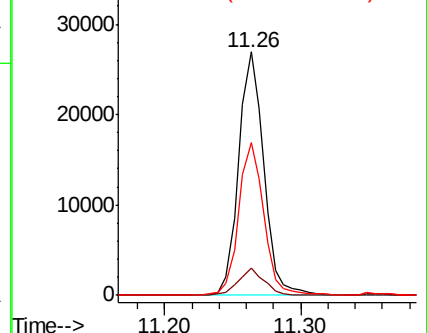
85 62.9 32.8 98.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.451 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012353.D

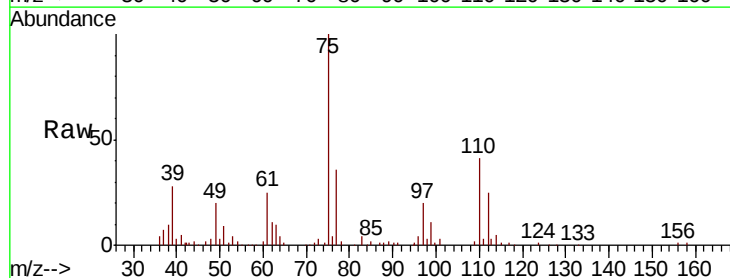
Acq: 12 Sep 2019 17:55

Tgt Ion: 75 Resp: 35021

Ion Ratio Lower Upper

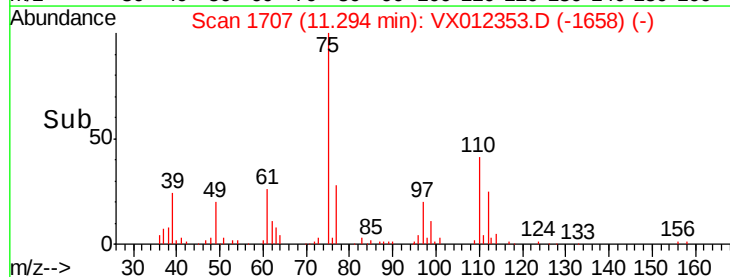
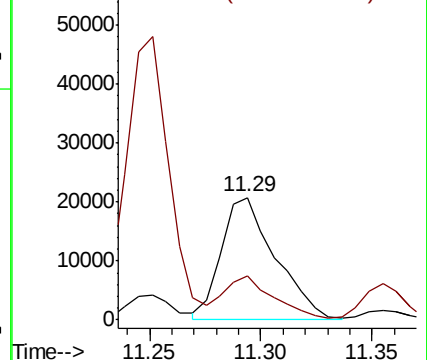
75 100

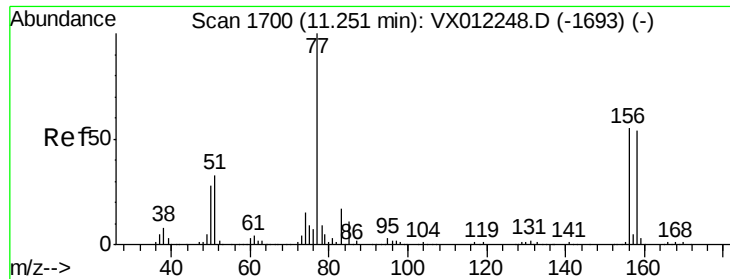
77 33.3 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.756 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012353.D

Acq: 12 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

VX0912SBS02

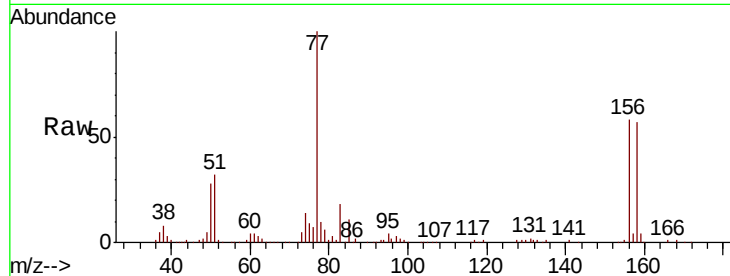
Tgt Ion:156 Resp: 36571

Ion Ratio Lower Upper

156 100

77 176.1 92.2 276.6

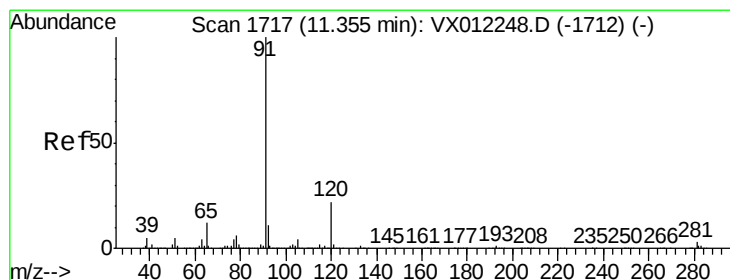
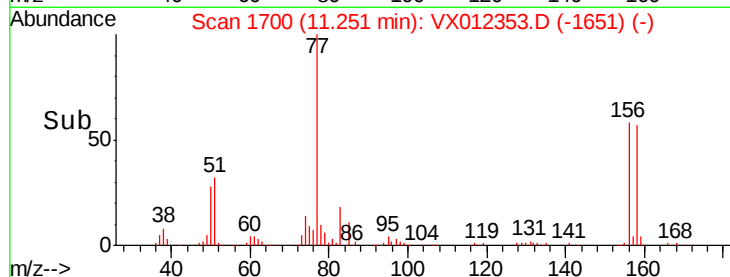
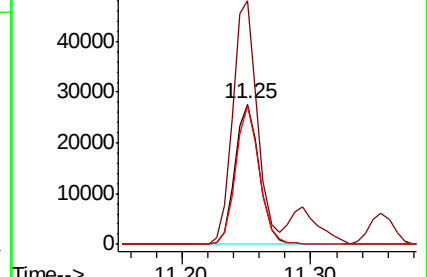
158 96.2 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.575 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012353.D

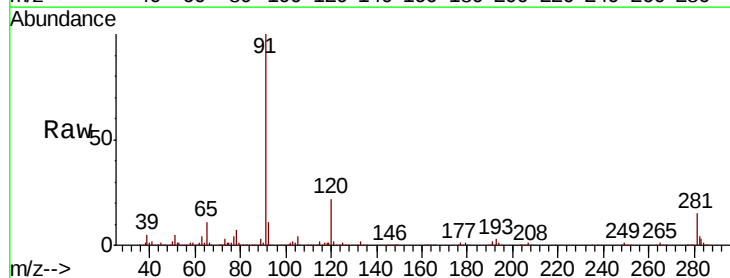
Acq: 12 Sep 2019 17:55

Tgt Ion: 91 Resp: 180900

Ion Ratio Lower Upper

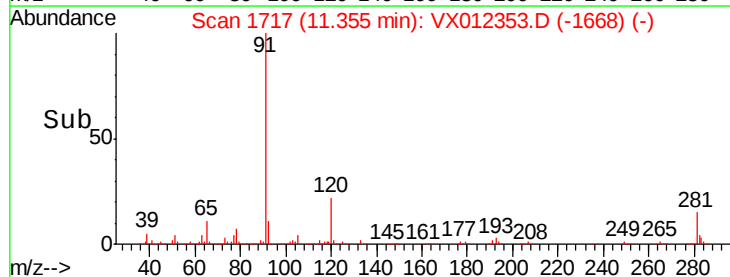
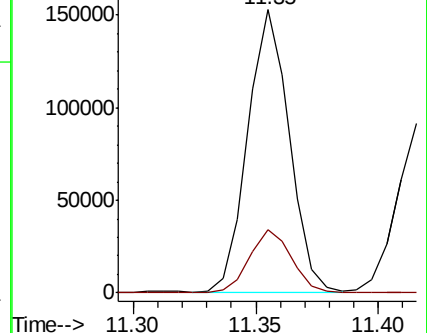
91 100

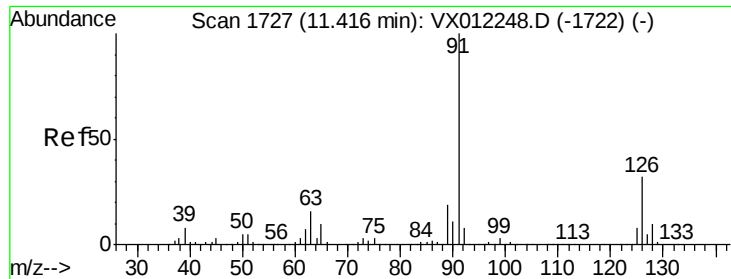
120 22.7 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

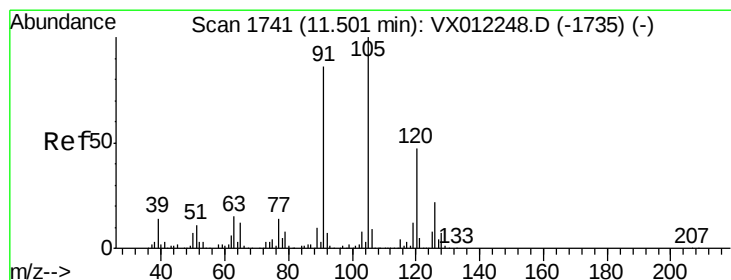
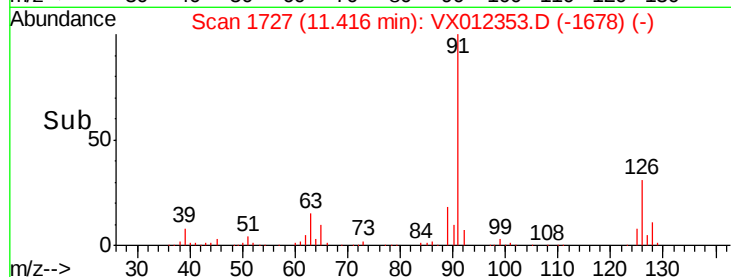
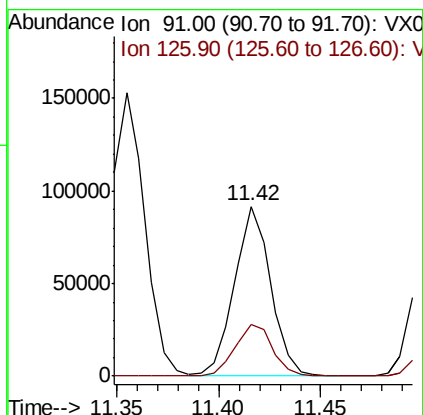
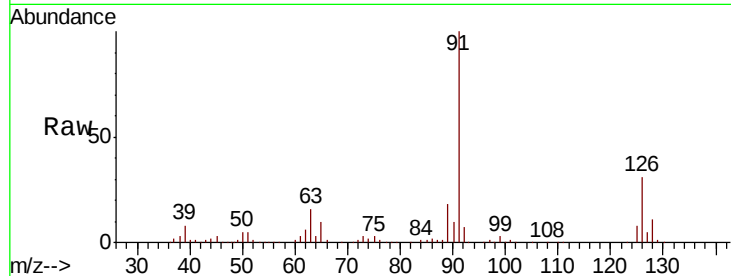




#79
 2-Chlorotoluene
 Concen: 19.573 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

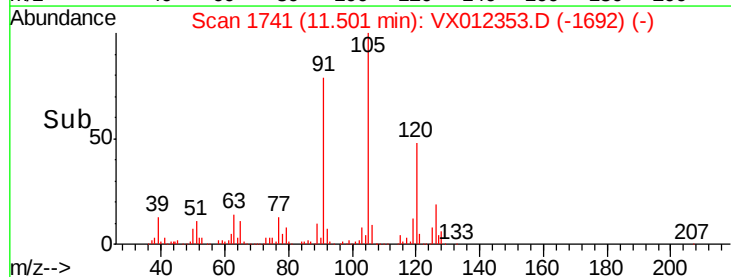
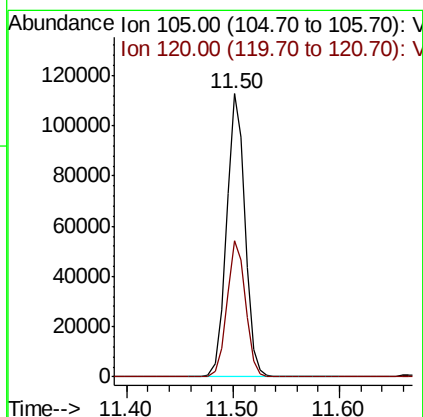
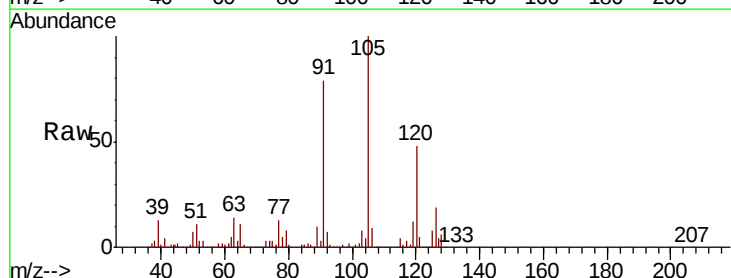
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912SBS02

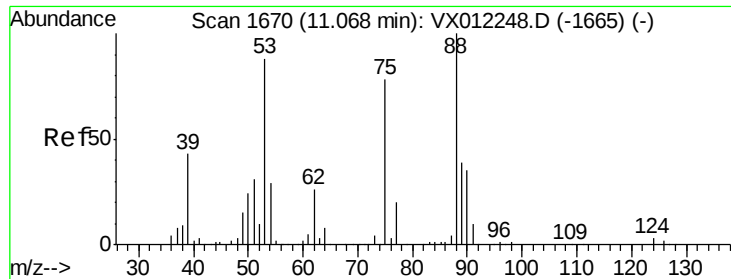
Tgt Ion: 91 Resp: 112069
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.854 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

Tgt Ion: 105 Resp: 136639
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 16.657 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012353.D

Acq: 12 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

VX0912SBS02

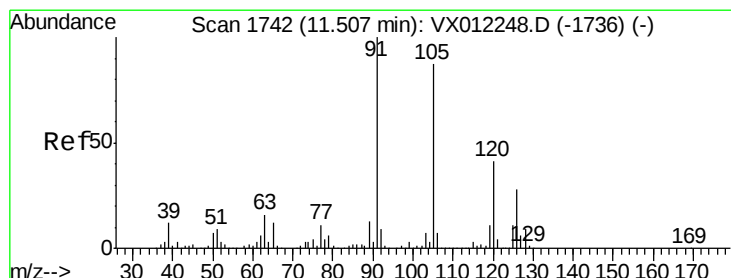
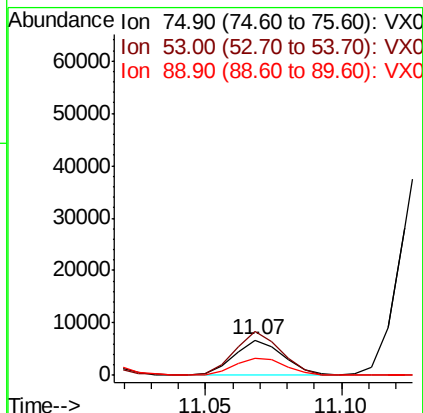
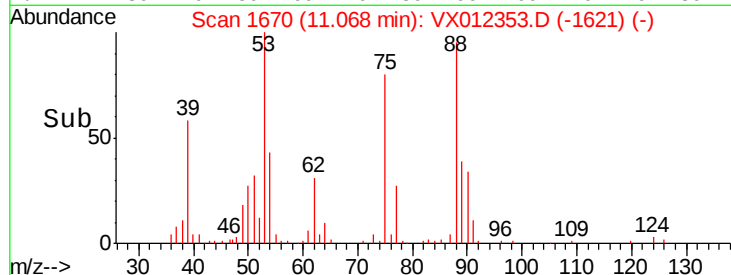
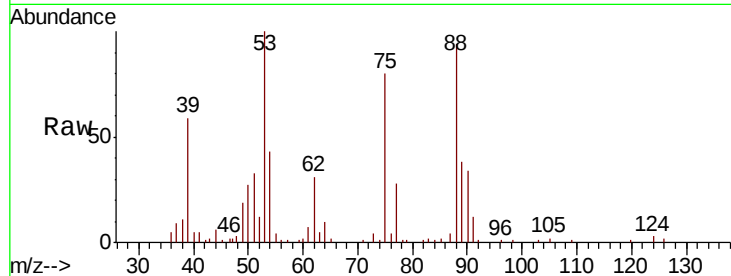
Tgt Ion: 75 Resp: 8302

Ion Ratio Lower Upper

75 100

53 120.6 88.1 132.1

89 51.8 43.5 65.3



#82

4-Chlorotoluene

Concen: 20.005 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012353.D

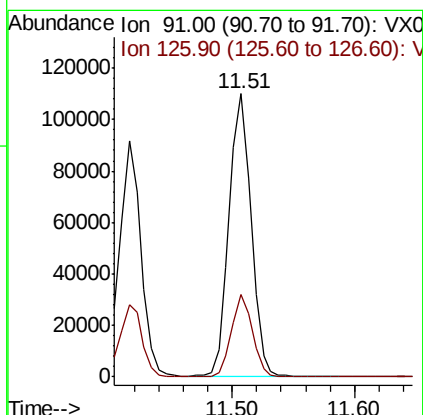
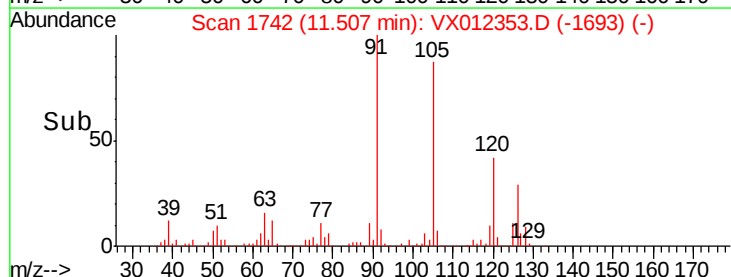
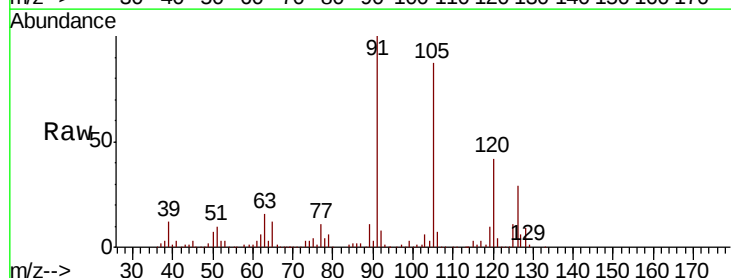
Acq: 12 Sep 2019 17:55

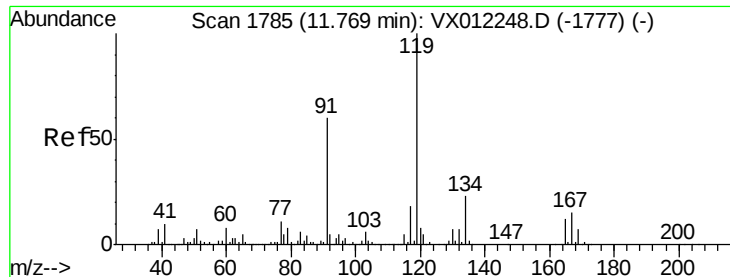
Tgt Ion: 91 Resp: 137653

Ion Ratio Lower Upper

91 100

126 27.5 14.0 42.0

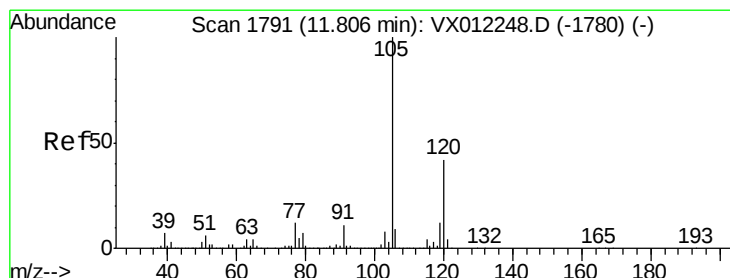
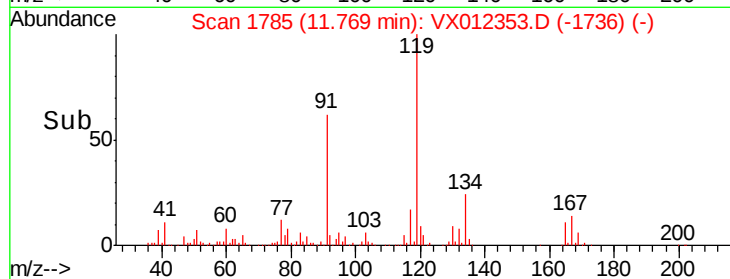
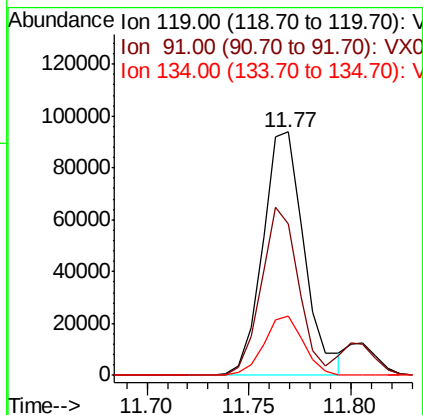
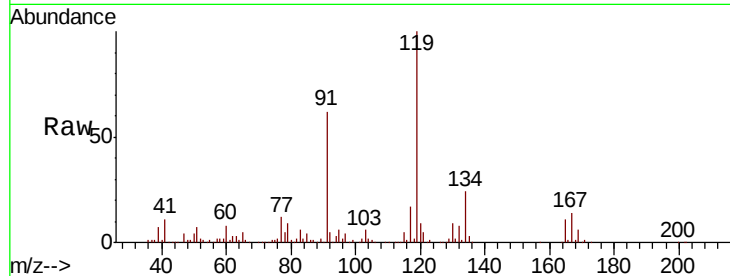




#83
 tert-Butylbenzene
 Concen: 19.788 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

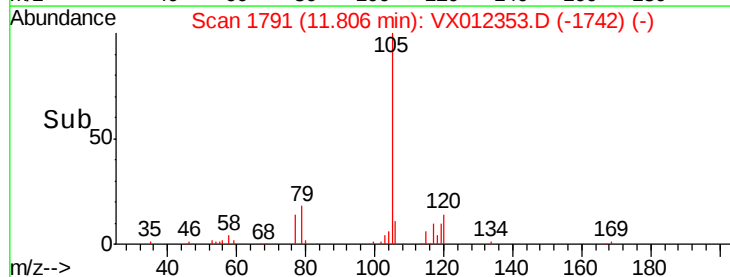
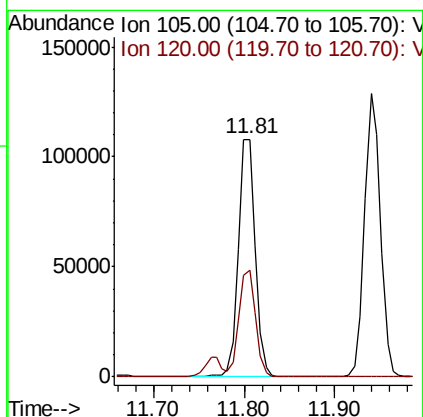
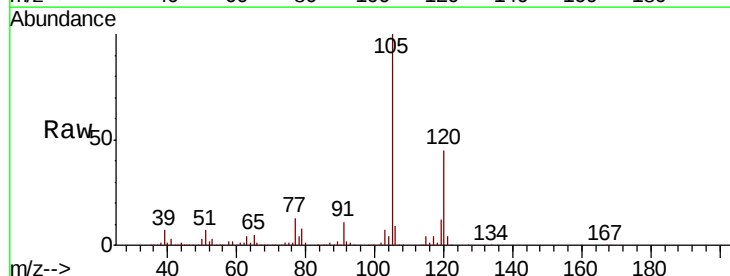
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912SBS02

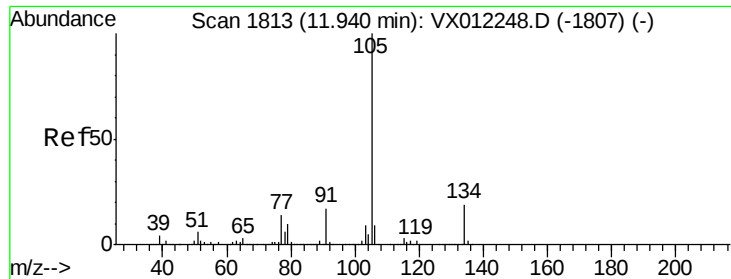
Tgt Ion:119 Resp: 132237
 Ion Ratio Lower Upper
 119 100
 91 62.7 30.9 92.8
 134 23.1 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.607 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

Tgt Ion:105 Resp: 139494
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.3 63.9

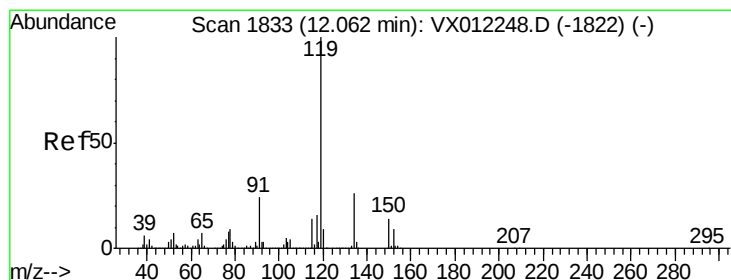
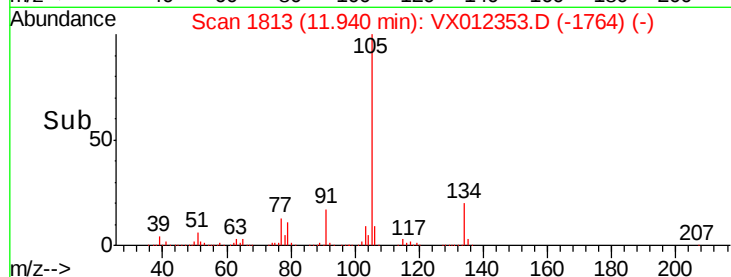
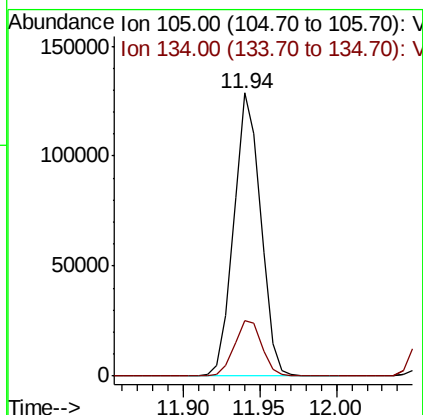
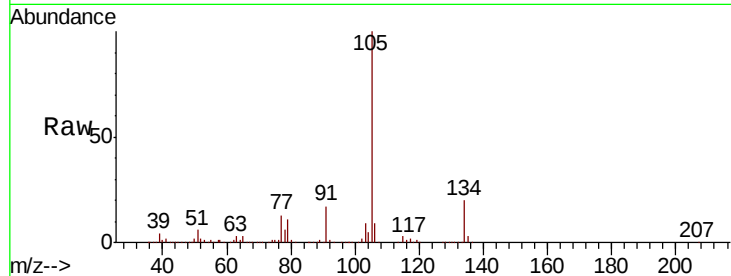




#85
 sec-Butylbenzene
 Concen: 19.619 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

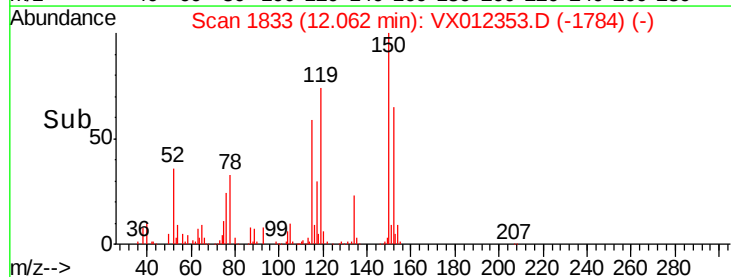
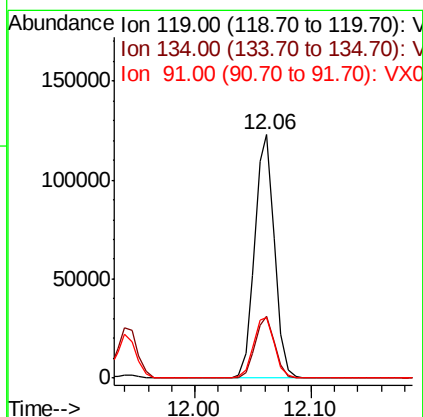
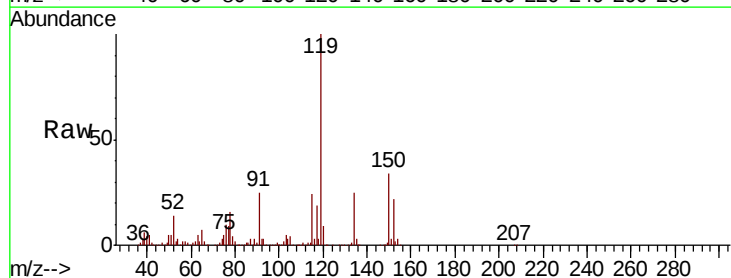
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912SBS02

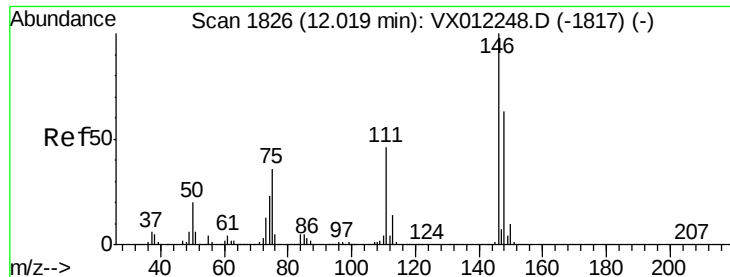
Tgt Ion:105 Resp: 156431
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 19.804 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

Tgt Ion:119 Resp: 145903
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.9 38.7
 91 26.5 13.1 39.1

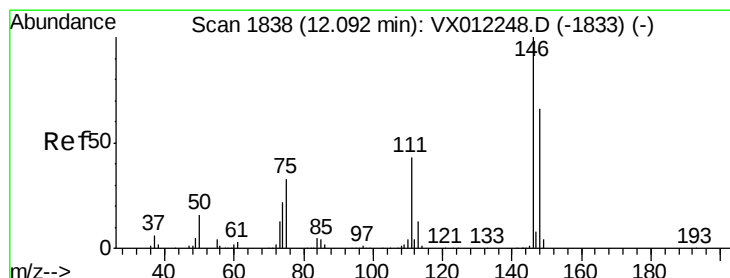
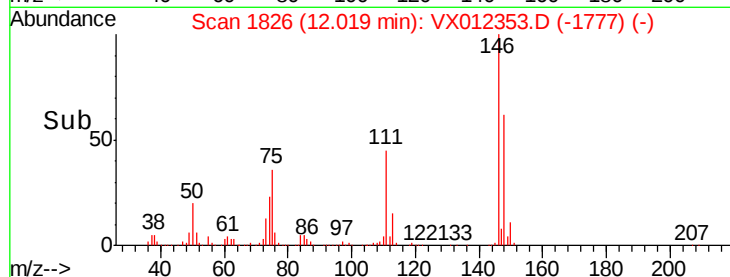
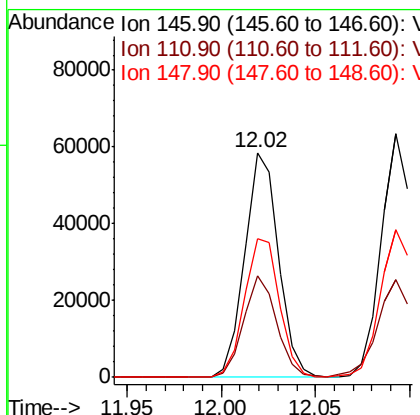
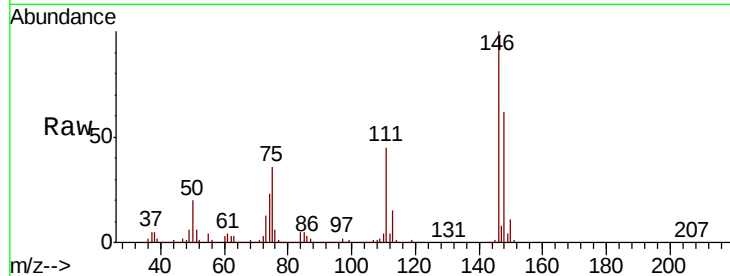




#87
 1,3-Dichlorobenzene
 Concen: 20.286 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

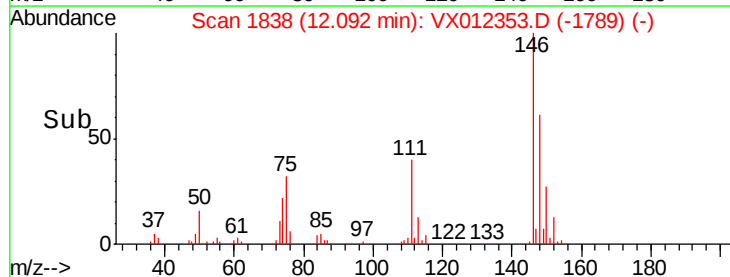
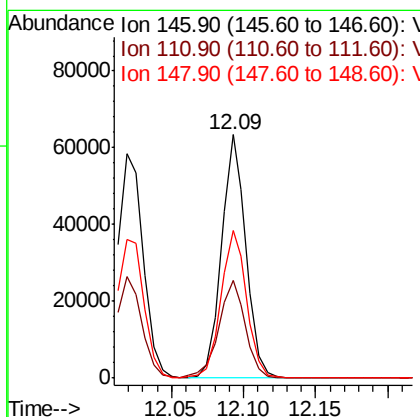
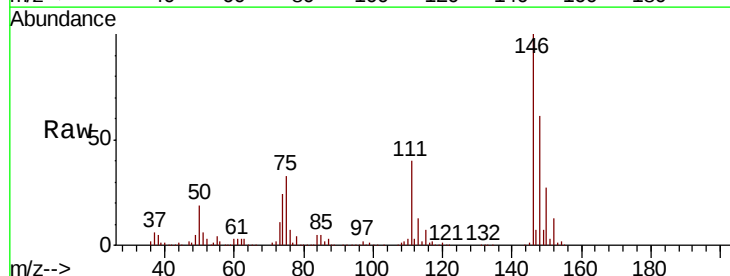
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912SBS02

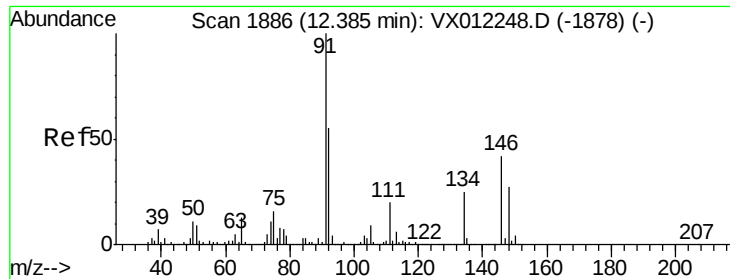
Tgt Ion:146 Resp: 72812
 Ion Ratio Lower Upper
 146 100
 111 44.4 22.3 66.8
 148 63.9 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 20.806 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

Tgt Ion:146 Resp: 75513
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.6 64.8
 148 64.0 32.4 97.2





#89

n-Butylbenzene

Concen: 19.232 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012353.D

Acq: 12 Sep 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

VX0912SBS02

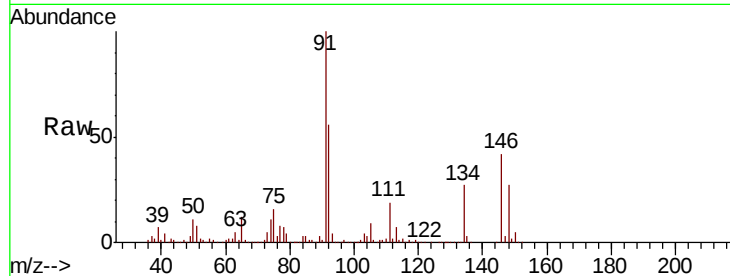
Tgt Ion: 91 Resp: 138873

Ion Ratio Lower Upper

91 100

92 55.3 27.6 82.7

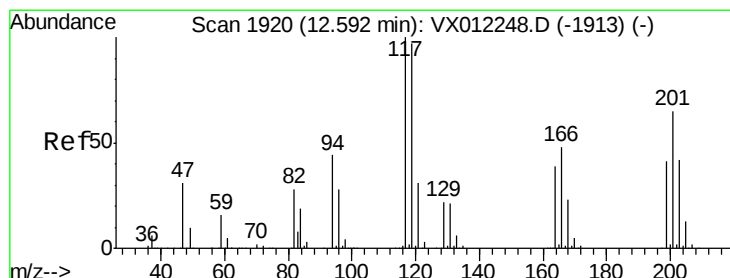
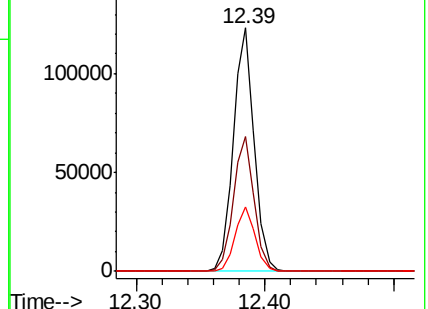
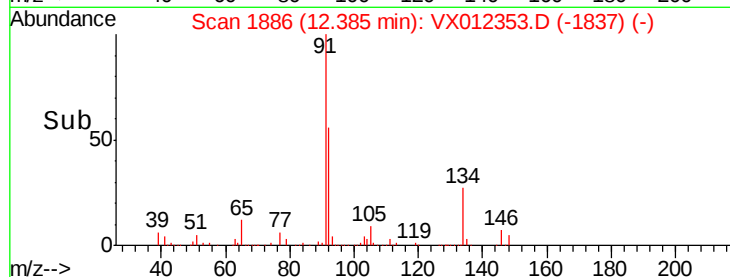
134 25.8 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.107 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012353.D

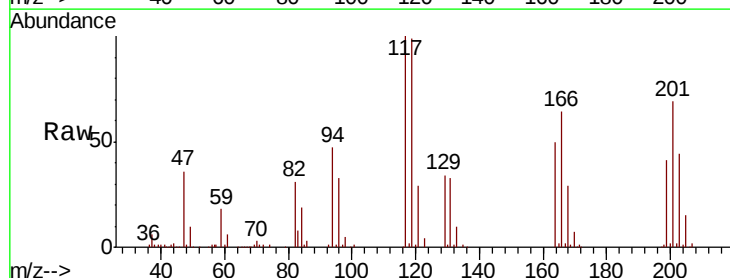
Acq: 12 Sep 2019 17:55

Tgt Ion: 117 Resp: 24572

Ion Ratio Lower Upper

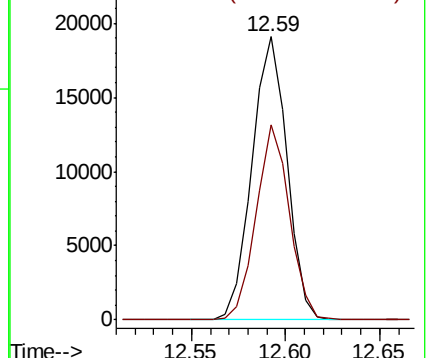
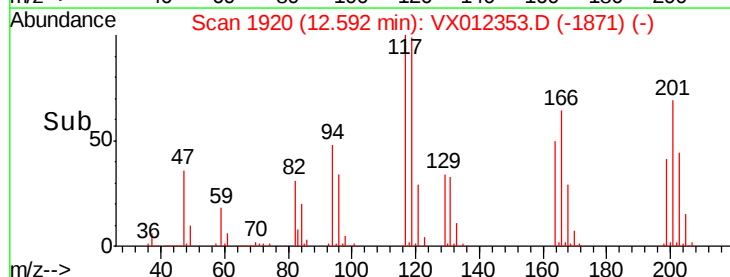
117 100

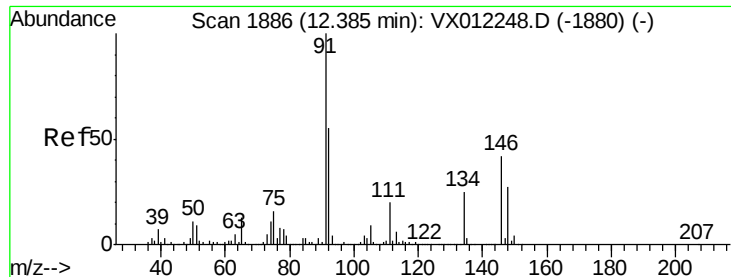
201 65.7 32.2 96.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

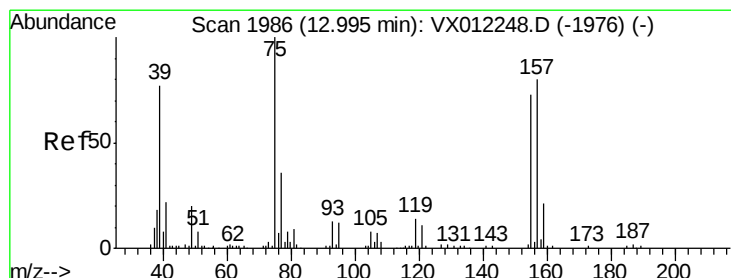
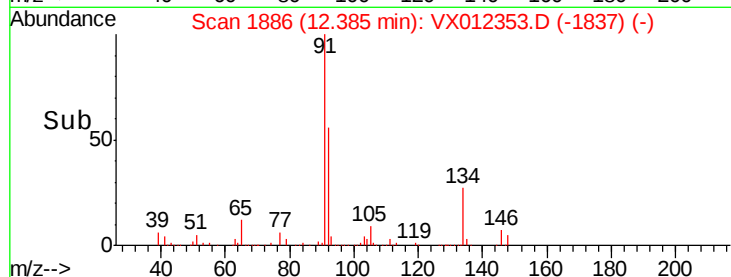
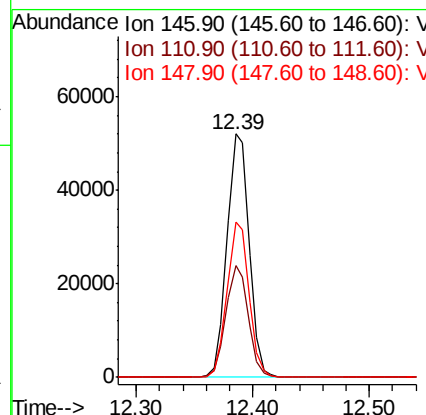
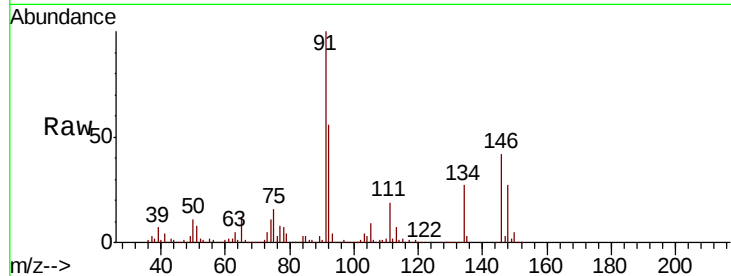




#91
 1,2-Dichlorobenzene
 Concen: 20.602 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

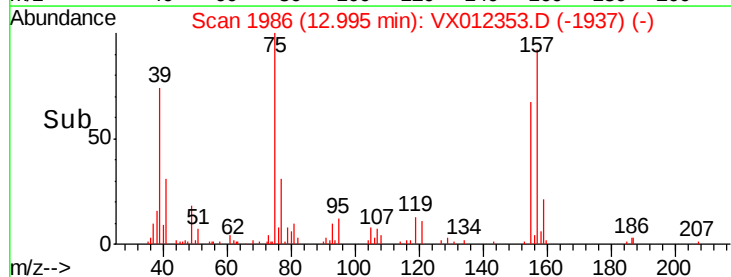
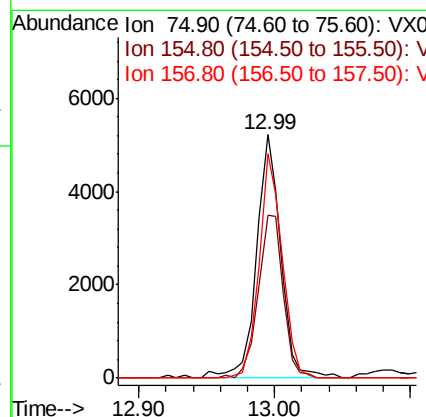
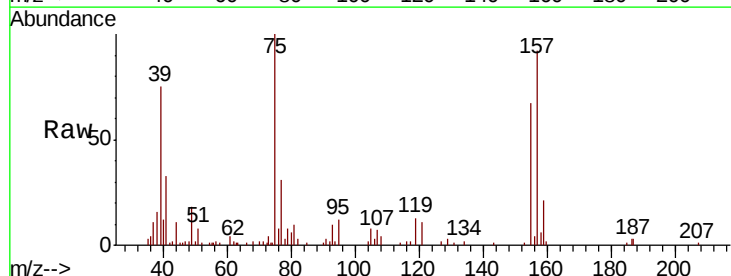
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912SBS02

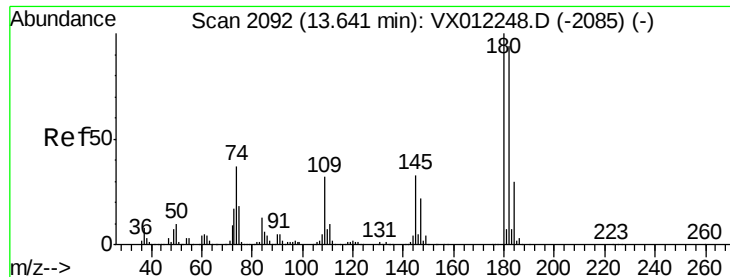
Tgt Ion: 146 Resp: 68403
 Ion Ratio Lower Upper
 146 100
 111 46.3 23.2 69.6
 148 63.1 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.602 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

Tgt Ion: 75 Resp: 6576
 Ion Ratio Lower Upper
 75 100
 155 68.7 35.3 105.7
 157 86.9 43.2 129.6

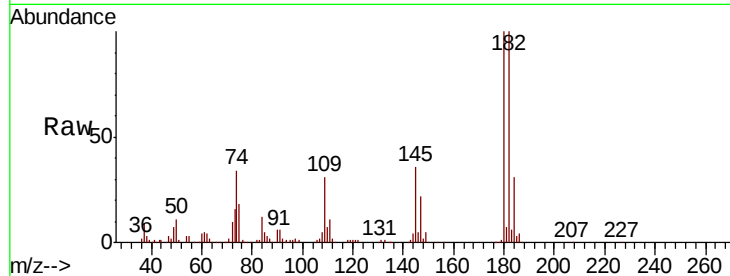




#93
 1,2,4-Trichlorobenzene
 Concen: 20.258 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0912SBS02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.9	140.8
145	34.6	17.1	51.2

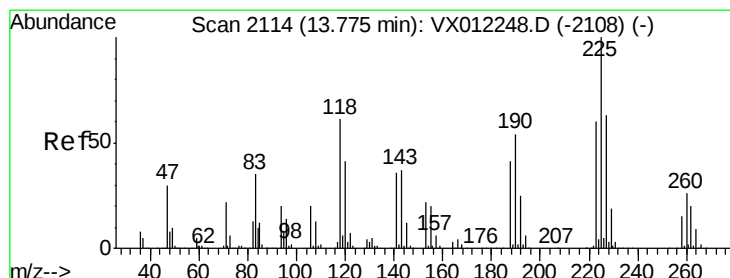
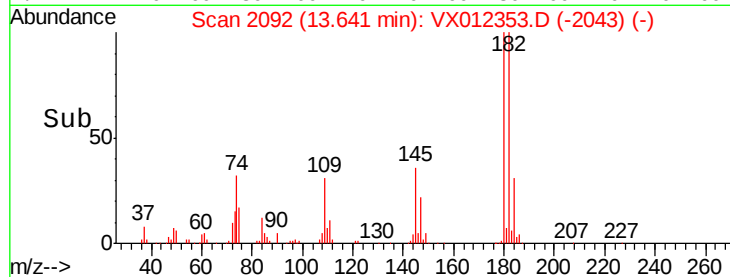
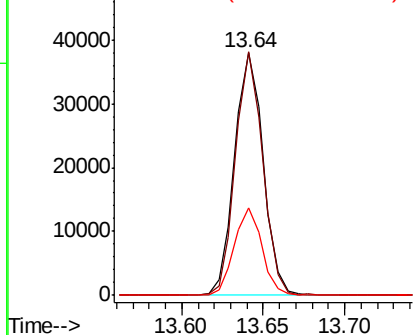


Abundance

Ion 179.80 (179.50 to 180.50): V

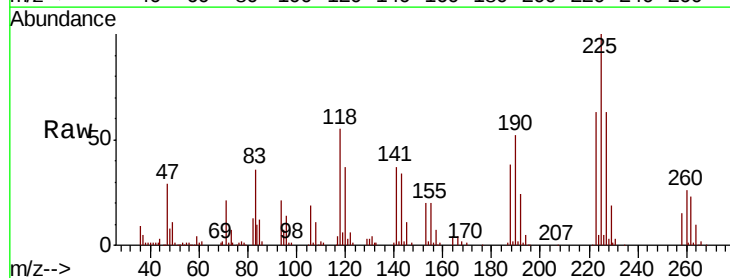
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.956 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX012353.D
 Acq: 12 Sep 2019 17:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.1	96.5
227	62.9	32.5	97.5

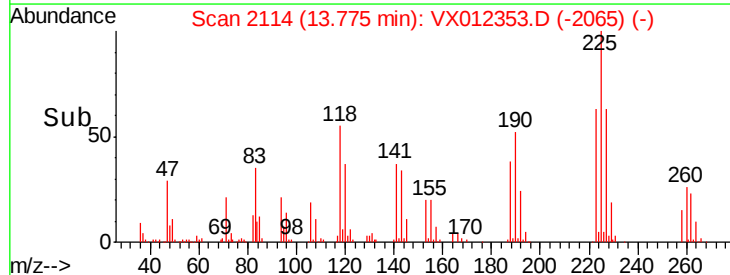
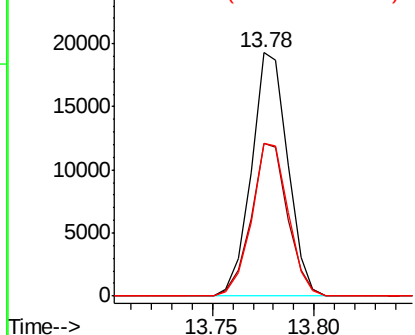


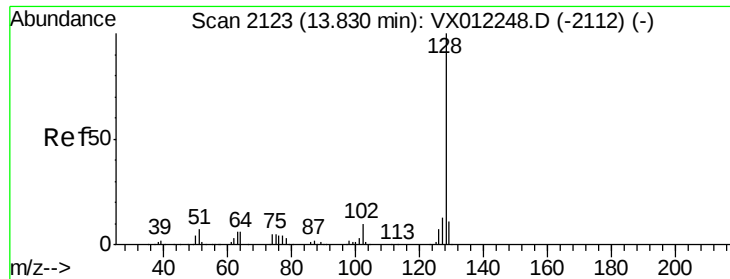
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

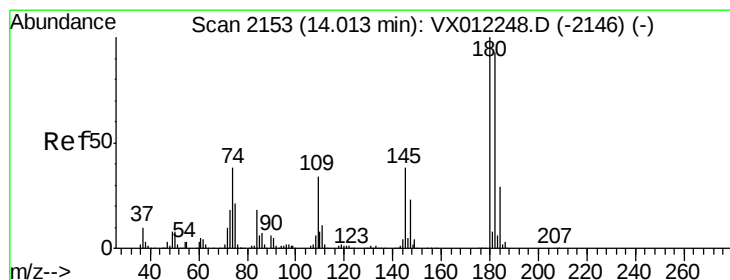
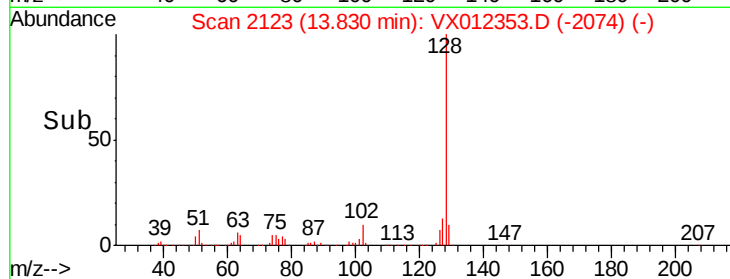
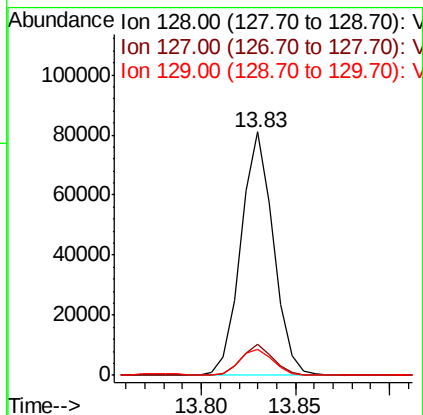
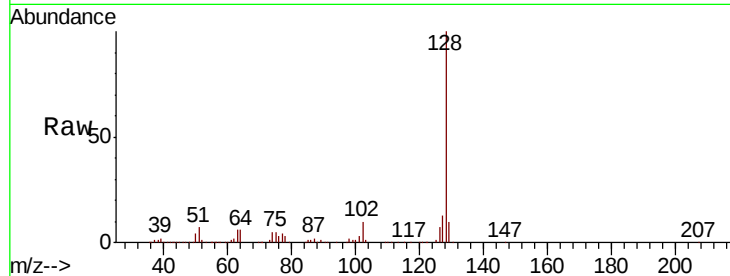




#95
Naphthalene
Concen: 19.697 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

Instrument :
MSVOA_X
ClientSampleId :
VX0912SBS02

Tgt Ion:128 Resp: 96918
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.652 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012353.D
Acq: 12 Sep 2019 17:55

Tgt Ion:180 Resp: 41896
Ion Ratio Lower Upper
180 100
182 96.0 47.0 141.0
145 36.4 18.6 55.8

