

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090519\
 Data File : VX012121.D
 Acq On : 06 Sep 2019 01:56
 Operator : SY/SP
 Sample : VX0905SBSD02
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBSD02

Quant Time: Sep 06 05:47:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	111420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	221375	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	204952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98293	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	86605	56.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.66%	
35) Dibromofluoromethane	5.48	113	66689	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
50) Toluene-d8	8.71	98	245961	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
62) 4-Bromofluorobenzene	11.14	95	108872	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	18971	18.464	ug/l	95
3) Chloromethane	1.31	50	20391	19.378	ug/l	95
4) Vinyl Chloride	1.40	62	18538	18.725	ug/l	98
5) Bromomethane	1.62	94	9995	20.352	ug/l	99
6) Chloroethane	1.70	64	12664	20.577	ug/l	99
7) Trichlorofluoromethane	1.91	101	29055	18.895	ug/l	95
8) Diethyl Ether	2.17	74	11859	22.317	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	20395	17.907	ug/l #	84
10) Methyl Iodide	2.50	142	14230	17.604	ug/l	93
11) Tert butyl alcohol	3.04	59	16521	111.881	ug/l #	93
12) 1,1-Dichloroethene	2.36	96	19573	17.840	ug/l	90
13) Acrolein	2.28	56	4899	113.844	ug/l	94
14) Allyl chloride	2.71	41	40022	20.160	ug/l	98
15) Acrylonitrile	3.13	53	36515	109.356	ug/l	97
16) Acetone	2.43	43	33574	91.366	ug/l	100
17) Carbon Disulfide	2.55	76	50508	15.752	ug/l	98
18) Methyl Acetate	2.76	43	21842	25.232	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	78891	22.087	ug/l	96
20) Methylene Chloride	2.84	84	29026	19.671	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	23608	18.337	ug/l	90
22) Diisopropyl ether	3.84	45	89706	22.169	ug/l	96
23) Vinyl Acetate	3.80	43	270744	103.432	ug/l	97
24) 1,1-Dichloroethane	3.68	63	49011	20.884	ug/l	98
25) 2-Butanone	4.67	43	50099	107.105	ug/l	94
26) 2,2-Dichloropropane	4.57	77	35783	16.515	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	30784	20.398	ug/l	93
28) Bromochloromethane	5.00	49	22313	23.818	ug/l #	79
29) Tetrahydrofuran	5.11	42	31455	111.613	ug/l	98
30) Chloroform	5.19	83	53666	21.311	ug/l	97
31) Cyclohexane	5.56	56	32007	16.982	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	43547	19.855	ug/l	96
36) 1,1-Dichloropropene	5.78	75	32583	16.711	ug/l	96
37) Ethyl Acetate	4.82	43	21825	20.585	ug/l #	85
38) Carbon Tetrachloride	5.77	117	36162	17.601	ug/l	94

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 QLast Update : Tue Sep 03 15:26:48 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	34461	15.228	ug/l	96
40) Benzene	6.13	78	103806	18.545	ug/l	98
41) Methacrylonitrile	5.03	41	13643	21.577	ug/l	98
42) 1,2-Dichloroethane	6.18	62	42497	21.098	ug/l	97
43) Isopropyl Acetate	6.43	43	46079	21.374	ug/l	98
44) Trichloroethene	7.21	130	27243	18.045	ug/l	87
45) 1,2-Dichloropropane	7.51	63	28021	19.376	ug/l	98
46) Dibromomethane	7.65	93	16361	19.380	ug/l #	74
47) Bromodichloromethane	7.89	83	42075	19.607	ug/l	98
48) Methyl methacrylate	7.76	41	22252	20.528	ug/l	96
49) 1,4-Dioxane	7.73	88	6061	410.164	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	116613	106.345	ug/l	97
52) Toluene	8.78	92	66483	18.255	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	39628	17.838	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	44240	17.907	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	24070	19.943	ug/l	97
56) Ethyl methacrylate	9.17	69	34295	19.837	ug/l	95
57) 1,3-Dichloropropane	9.37	76	41500	19.926	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	84694	108.665	ug/l	94
59) 2-Hexanone	9.48	43	80593	100.725	ug/l	98
60) Dibromochloromethane	9.57	129	28110	19.542	ug/l	97
61) 1,2-Dibromoethane	9.67	107	22926	19.658	ug/l	99
64) Tetrachloroethene	9.33	164	26302	20.585	ug/l #	86
65) Chlorobenzene	10.14	112	75769	18.737	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	28182	19.060	ug/l	97
67) Ethyl Benzene	10.24	91	134013	18.181	ug/l	97
68) m/p-Xylenes	10.35	106	97751	35.993	ug/l	89
69) o-Xylene	10.70	106	48003	18.228	ug/l	86
70) Styrene	10.71	104	85825	18.763	ug/l	94
71) Bromoform	10.85	173	14770	18.187	ug/l #	99
73) Isopropylbenzene	11.01	105	132059	18.311	ug/l	96
74) N-amyl acetate	10.89	43	42052	19.721	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	30567	20.331	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	32456	27.024	ug/l	77
77) Bromobenzene	11.25	156	31722	19.667	ug/l	69
78) n-propylbenzene	11.35	91	156324	17.942	ug/l	94
79) 2-Chlorotoluene	11.42	91	99092	18.773	ug/l	91
80) 1,3,5-Trimethylbenzene	11.50	105	116911	18.498	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.07	75	8137	16.018	ug/l	89
82) 4-Chlorotoluene	11.51	91	118854	18.891	ug/l	93
83) tert-Butylbenzene	11.76	119	110372	18.323	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	121592	18.719	ug/l	95
85) sec-Butylbenzene	11.94	105	134815	18.018	ug/l	93
86) p-Isopropyltoluene	12.06	119	120869	17.763	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	60679	18.774	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	62377	19.302	ug/l	91
89) n-Butylbenzene	12.38	91	115309	17.445	ug/l	96
90) Hexachloroethane	12.59	117	24361	17.931	ug/l	54
91) 1,2-Dichlorobenzene	12.38	146	57331	19.696	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	5798	18.428	ug/l	65

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

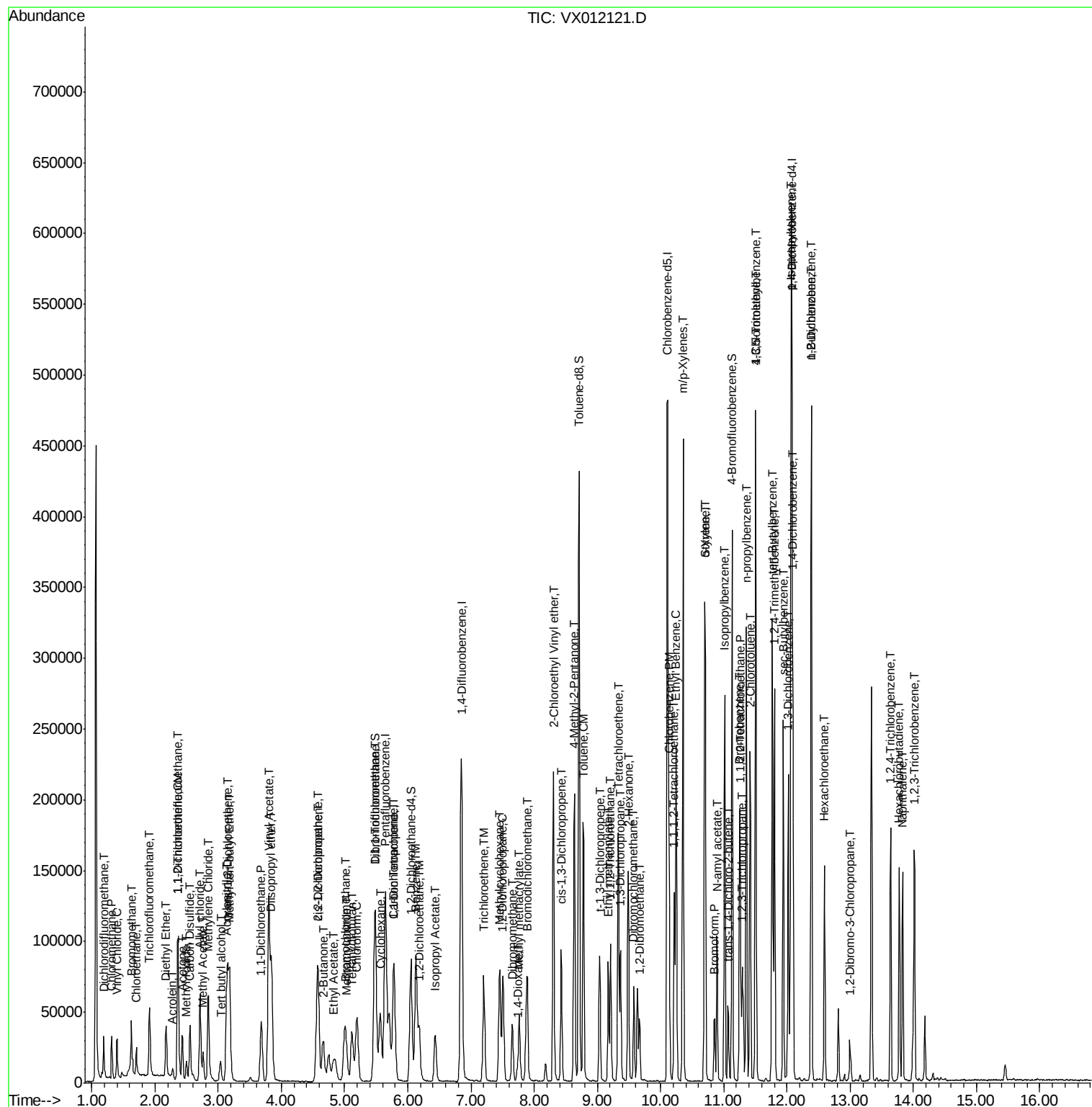
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	37785	18.237	ug/l	96
94) Hexachlorobutadiene	13.78	225	18484	17.699	ug/l	98
95) Naphthalene	13.83	128	83667	18.659	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	33495	18.376	ug/l	95

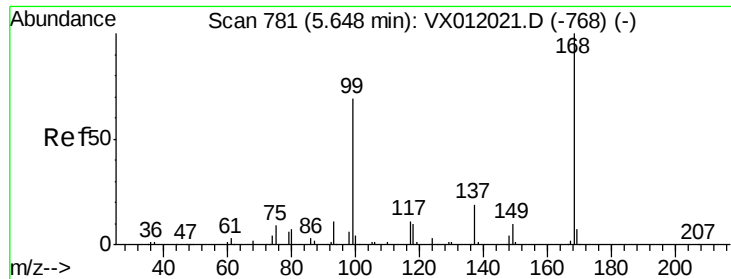
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

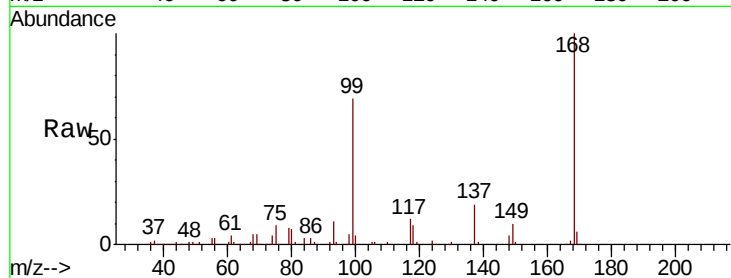
VX0905SBS02

Tgt Ion:168 Resp: 111420

Ion Ratio Lower Upper

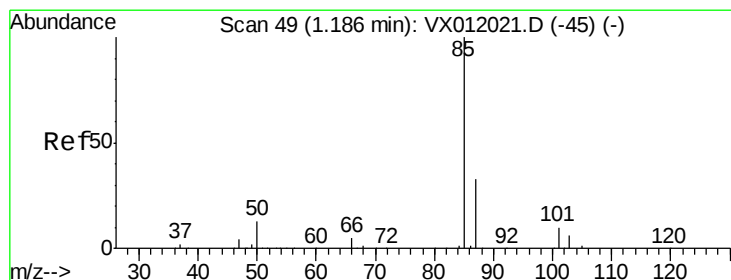
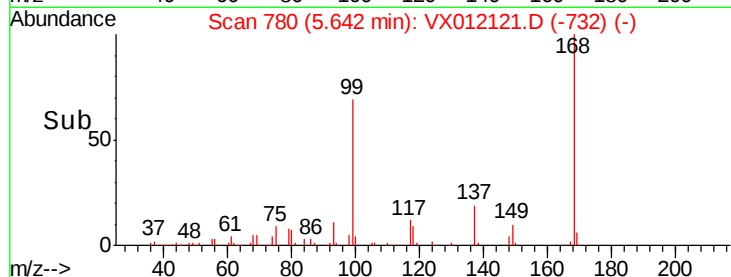
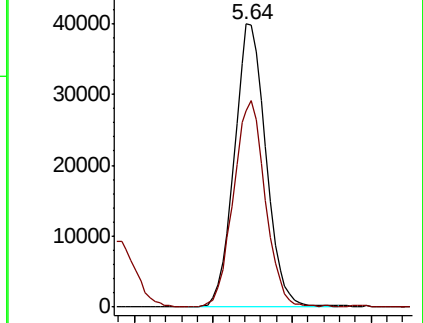
168 100

99 69.3 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.464 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012121.D

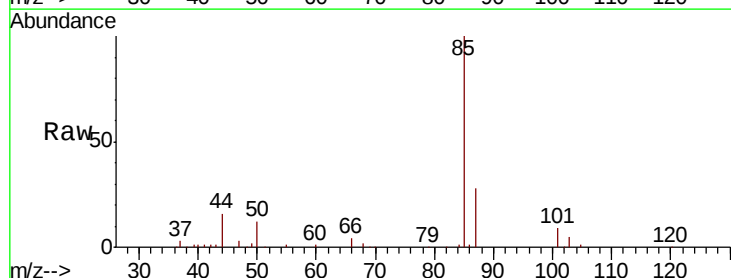
Acq: 06 Sep 2019 01:56

Tgt Ion: 85 Resp: 18971

Ion Ratio Lower Upper

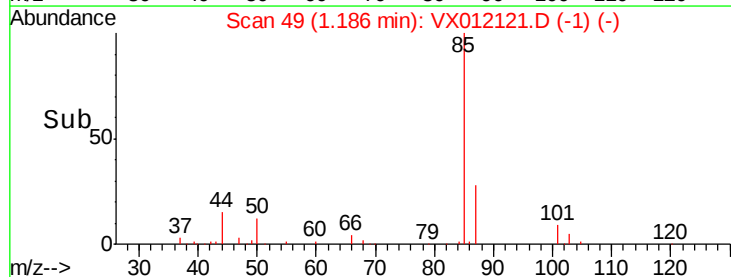
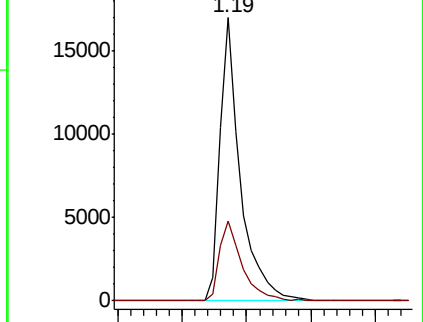
85 100

87 28.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.378 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

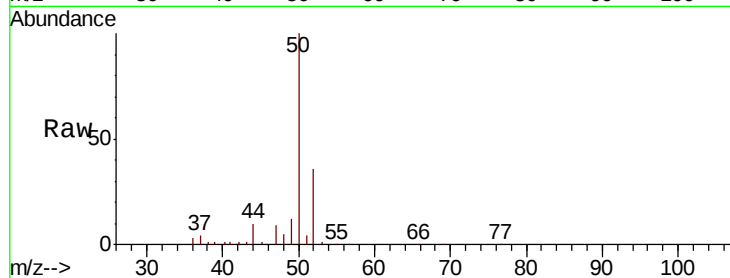
VX0905SBS02

Tgt Ion: 50 Resp: 20391

Ion Ratio Lower Upper

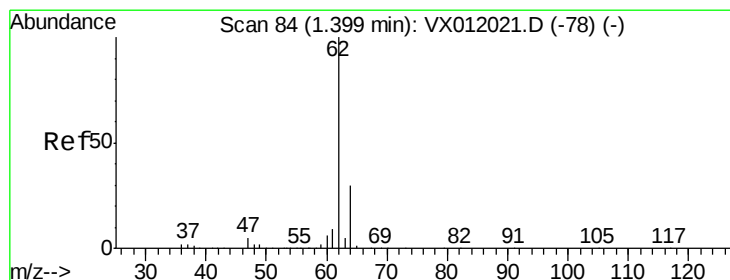
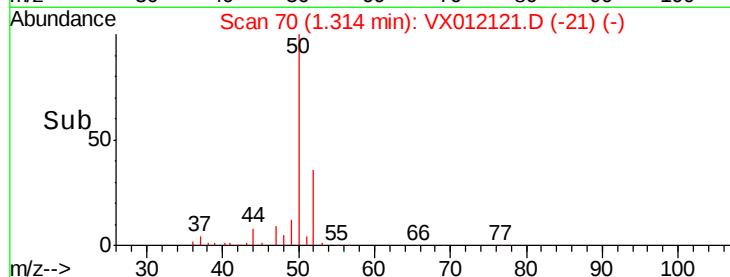
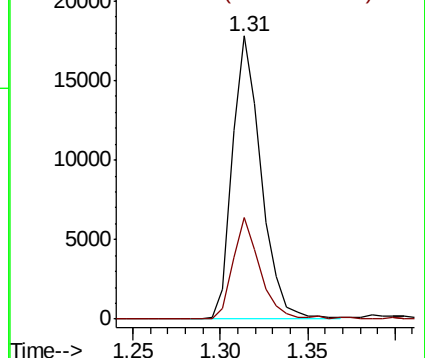
50 100

52 35.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.725 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.01 min

Lab File: VX012121.D

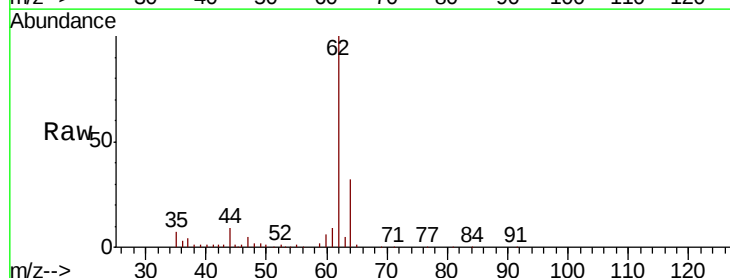
Acq: 06 Sep 2019 01:56

Tgt Ion: 62 Resp: 18538

Ion Ratio Lower Upper

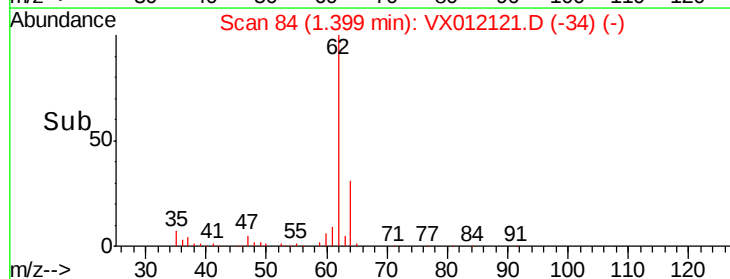
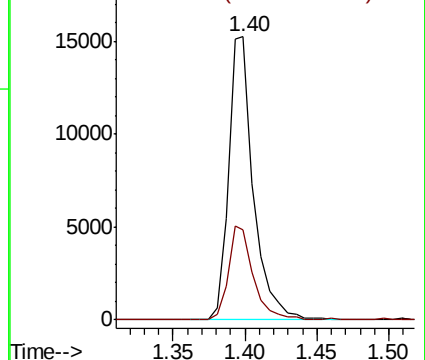
62 100

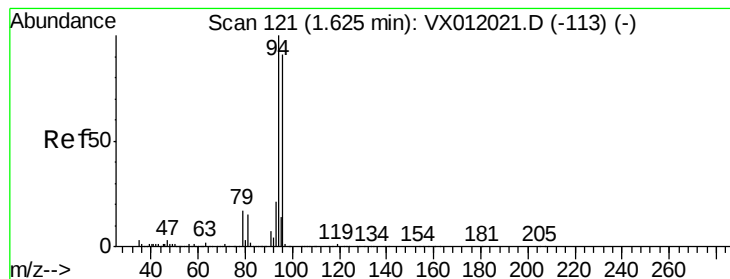
64 31.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.352 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

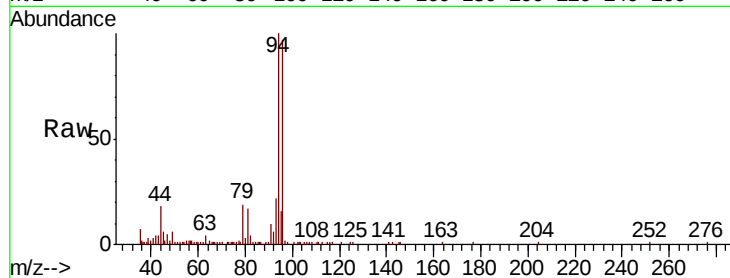
VX0905SBS02

Tgt Ion: 94 Resp: 9995

Ion Ratio Lower Upper

94 100

96 96.3 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

12000

10000

8000

6000

4000

2000

0

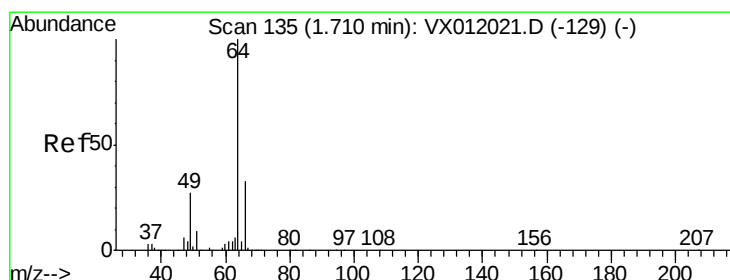
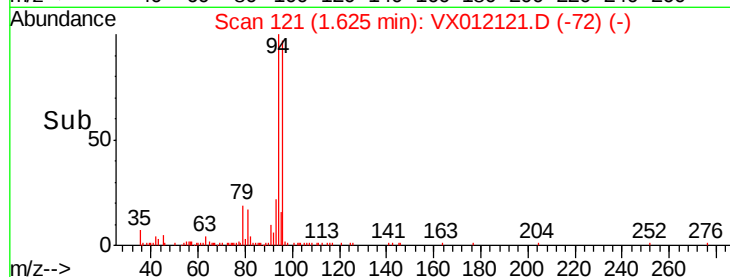
Time-->

1.55

1.60

1.65

1.70



#6

Chloroethane

Concen: 20.577 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012121.D

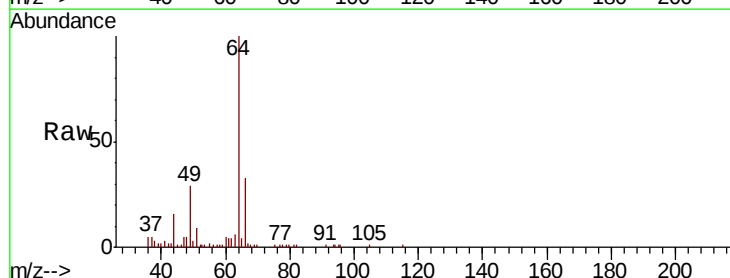
Acq: 06 Sep 2019 01:56

Tgt Ion: 64 Resp: 12664

Ion Ratio Lower Upper

64 100

66 32.1 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

10000

8000

6000

4000

2000

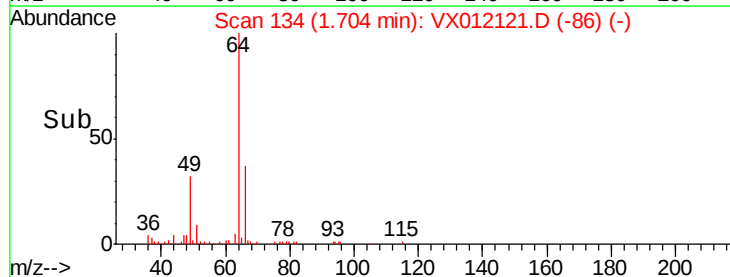
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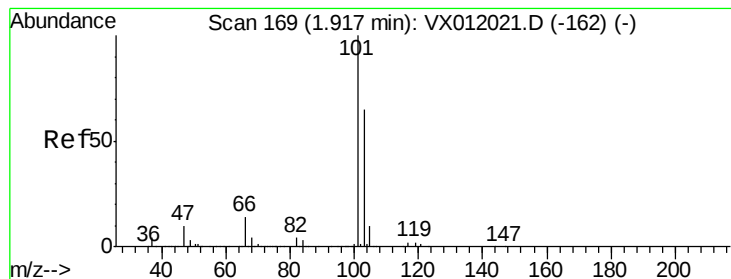
Time-->

1.60

1.70

1.80



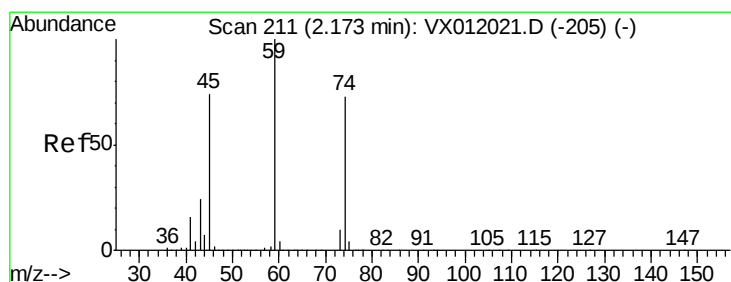
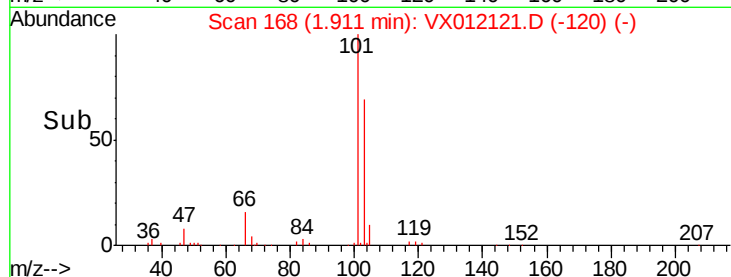
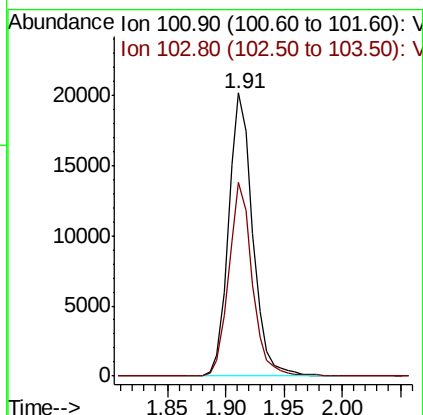
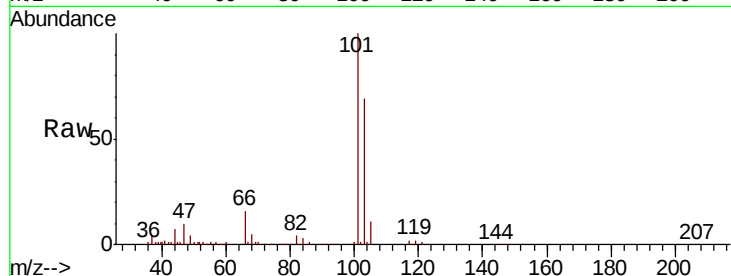


#7

Trichlorofluoromethane
 Concen: 18.895 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

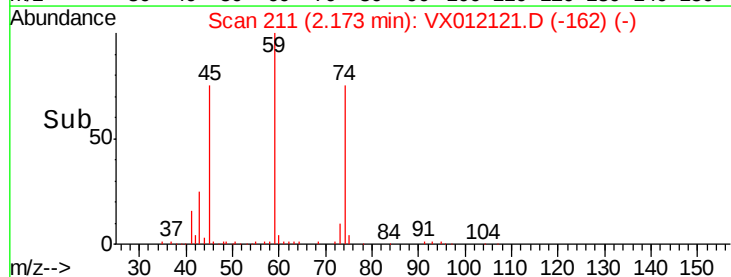
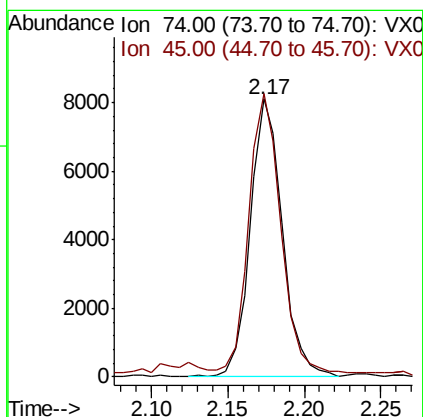
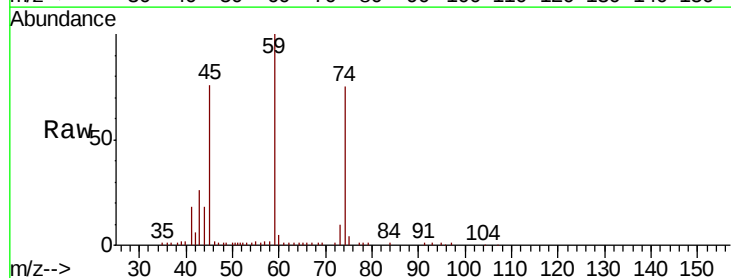
Tgt Ion:101 Resp: 29055
 Ion Ratio Lower Upper
 101 100
 103 68.6 51.6 77.4

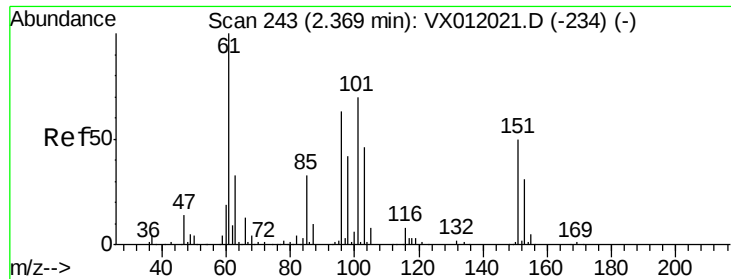


#8

Diethyl Ether
 Concen: 22.317 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

Tgt Ion: 74 Resp: 11859
 Ion Ratio Lower Upper
 74 100
 45 98.9 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.907 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBS02

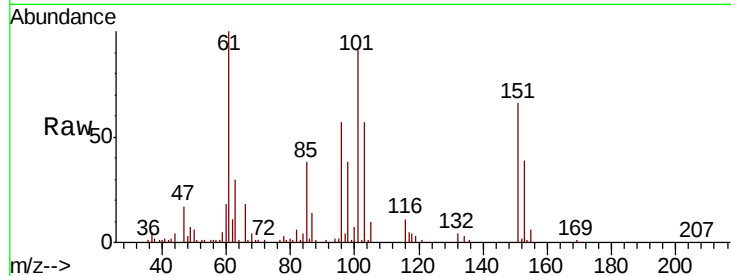
Tgt Ion:101 Resp: 20395

Ion Ratio Lower Upper

101 100

85 44.8 34.5 51.7

151 72.5 75.0 112.4#

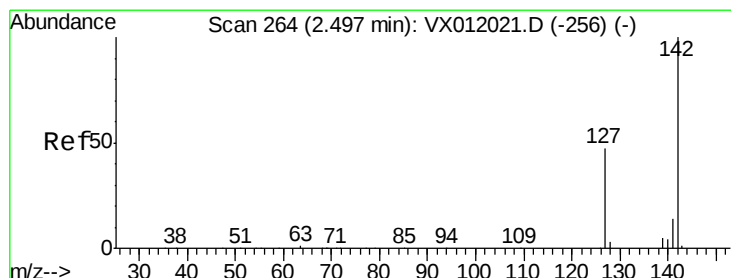
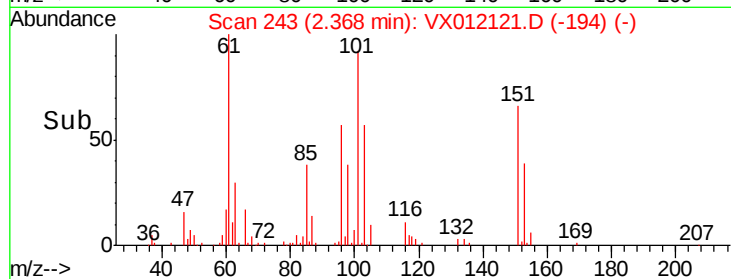
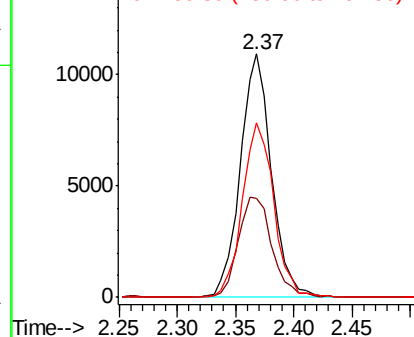


Abundance

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: 17.604 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

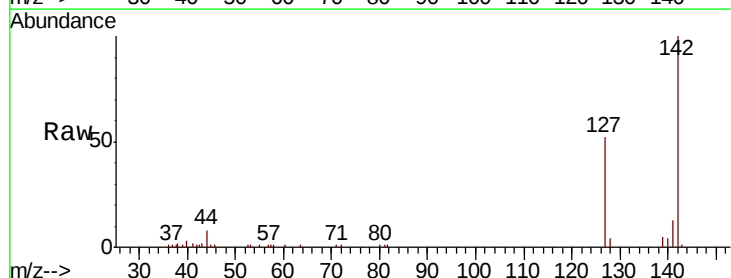
Tgt Ion:142 Resp: 14230

Ion Ratio Lower Upper

142 100

127 50.2 35.4 53.2

141 14.5 11.4 17.2

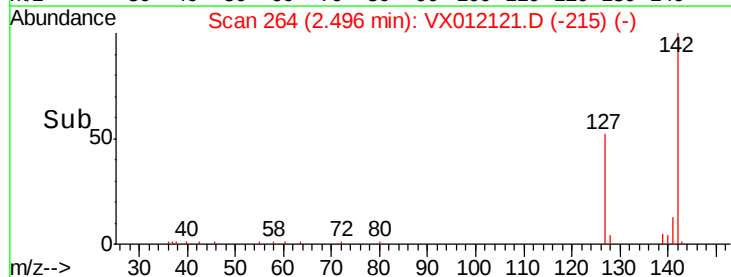
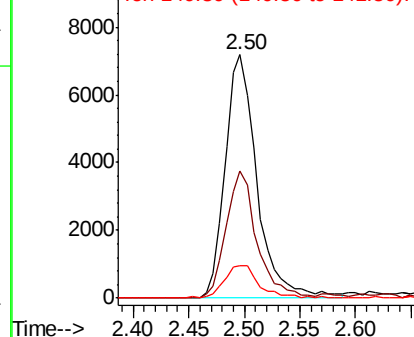


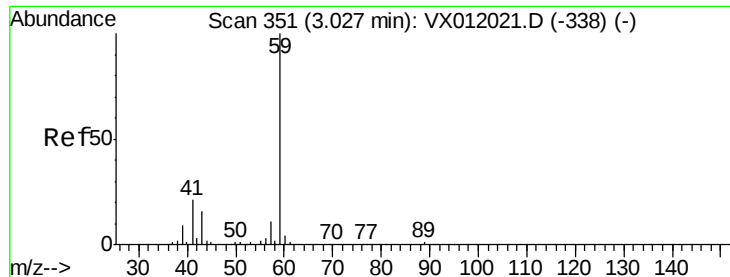
Abundance

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

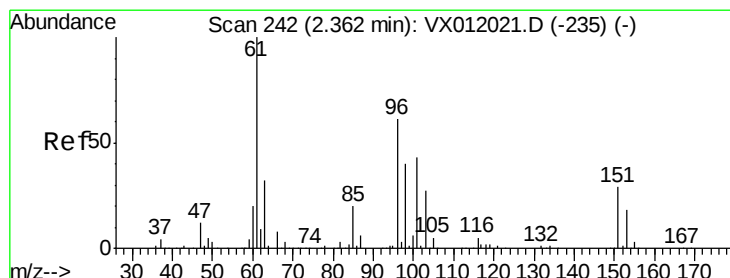
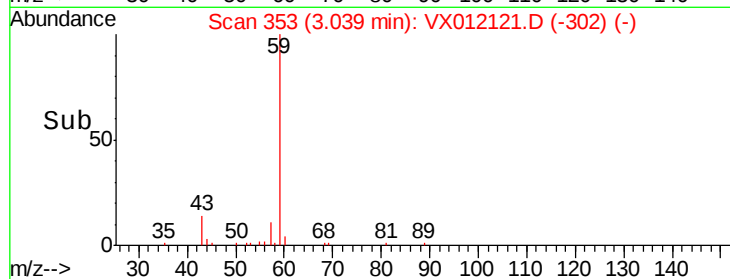
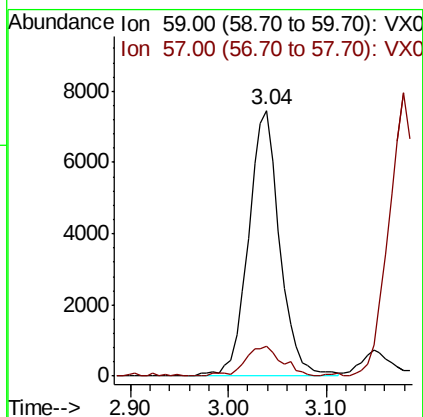
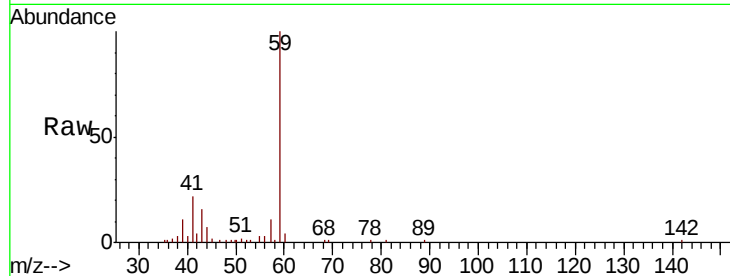




#11
Tert butyl alcohol
Concen: 111.881 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX012121.D
Acq: 06 Sep 2019 01:56

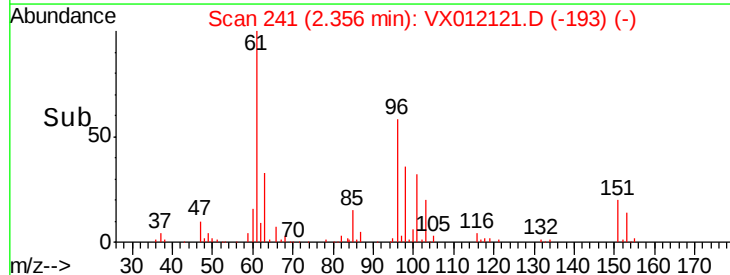
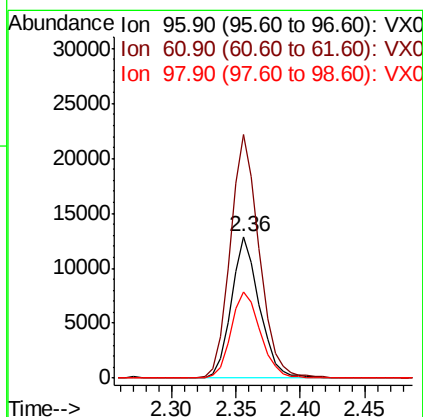
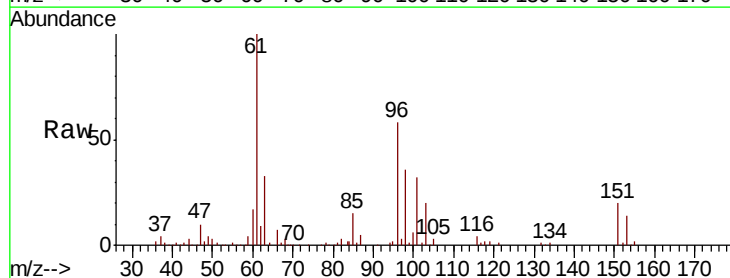
Instrument :
MSVOA_X
ClientSampleId :
VX0905SBS02

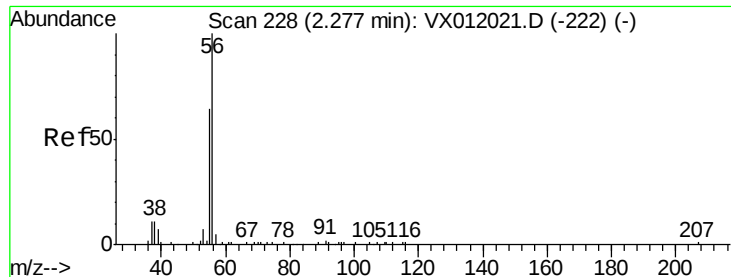
Tgt Ion: 59 Resp: 16521
Ion Ratio Lower Upper
59 100
57 12.6 7.9 11.9#



#12
1,1-Dichloroethene
Concen: 17.840 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012121.D
Acq: 06 Sep 2019 01:56

Tgt Ion: 96 Resp: 19573
Ion Ratio Lower Upper
96 100
61 172.1 124.1 186.1
98 61.4 50.2 75.2

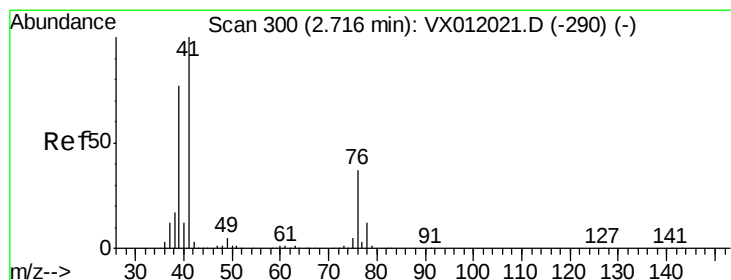
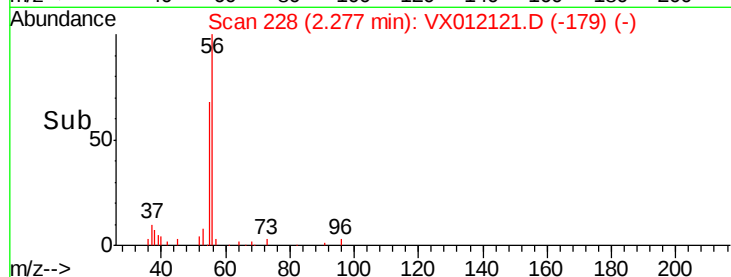
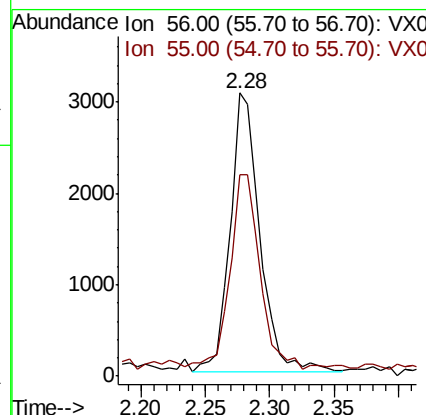
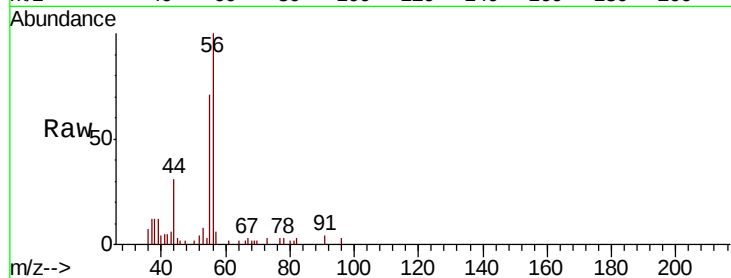




#13
 Acrolein
 Concen: 113.844 ug/l
 RT: 2.28 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

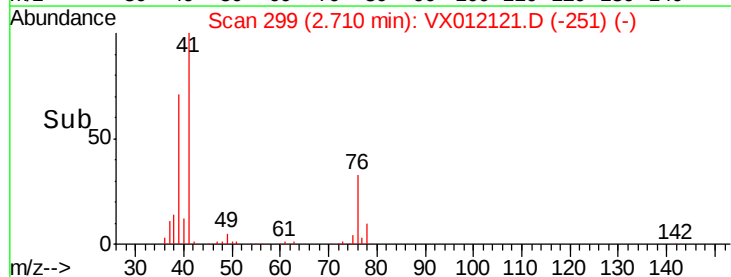
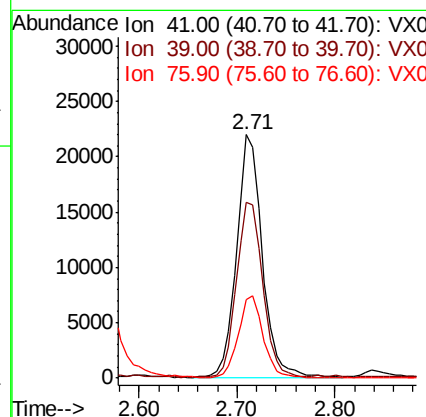
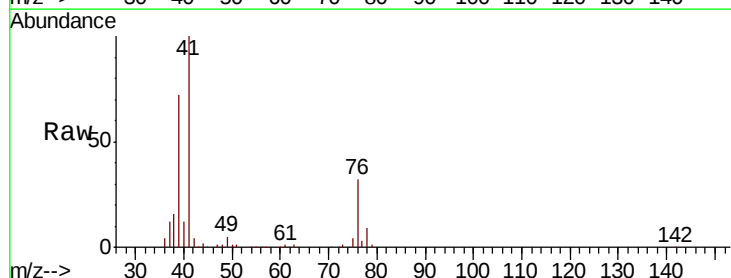
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

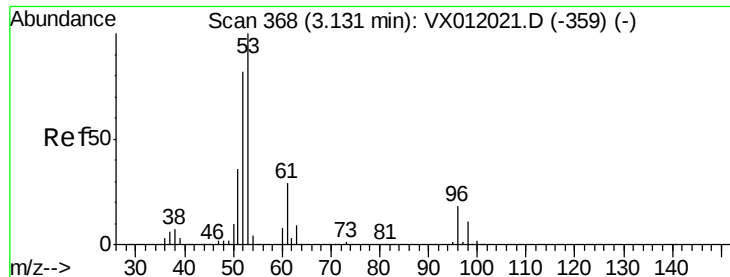
Tgt Ion: 56 Resp: 4899
 Ion Ratio Lower Upper
 56 100
 55 68.9 59.2 88.8



#14
 Allyl chloride
 Concen: 20.160 ug/l
 RT: 2.71 min Scan# 299
 Delta R.T. -0.01 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

Tgt Ion: 41 Resp: 40022
 Ion Ratio Lower Upper
 41 100
 39 73.4 57.9 86.9
 76 33.0 28.5 42.7





#15

Acrylonitrile

Concen: 109.356 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.01 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBS02

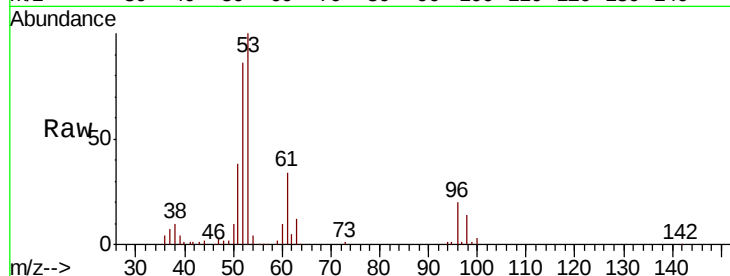
Tgt Ion: 53 Resp: 36515

Ion Ratio Lower Upper

53 100

52 84.5 65.6 98.4

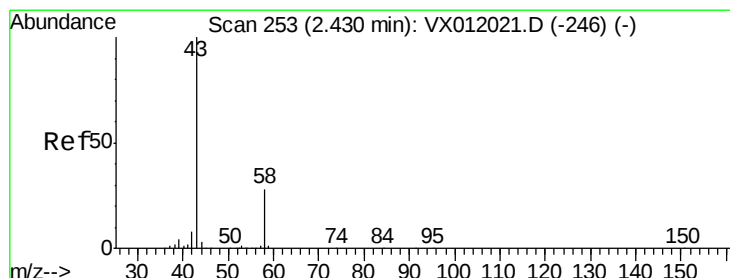
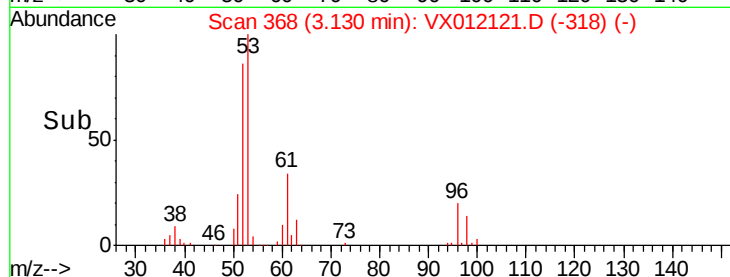
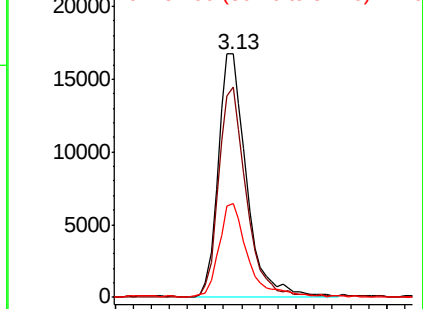
51 39.3 29.8 44.6



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: 91.366 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012121.D

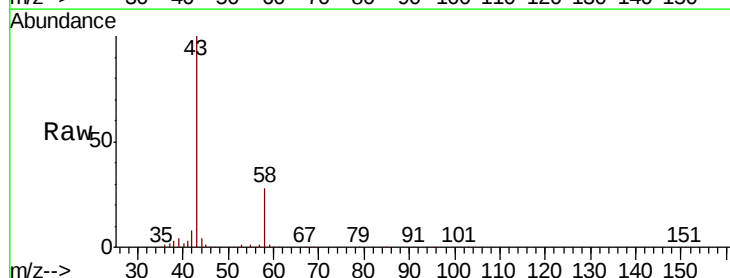
Acq: 06 Sep 2019 01:56

Tgt Ion: 43 Resp: 33574

Ion Ratio Lower Upper

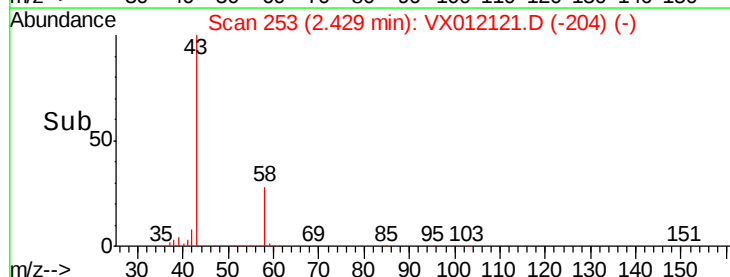
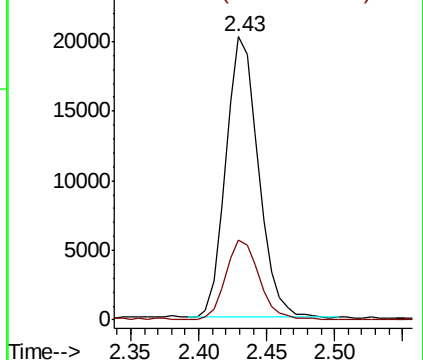
43 100

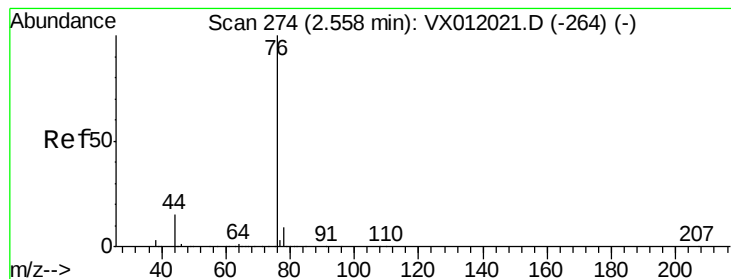
58 28.4 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.752 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

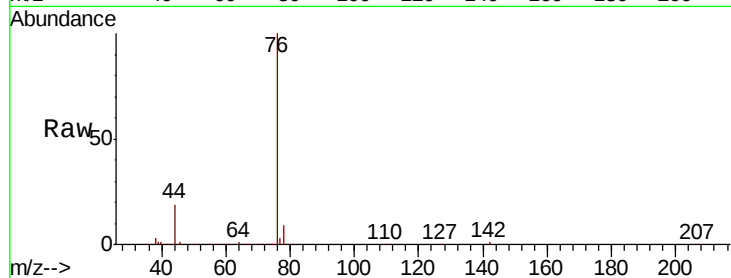
VX0905SBSD02

Tgt Ion: 76 Resp: 50508

Ion Ratio Lower Upper

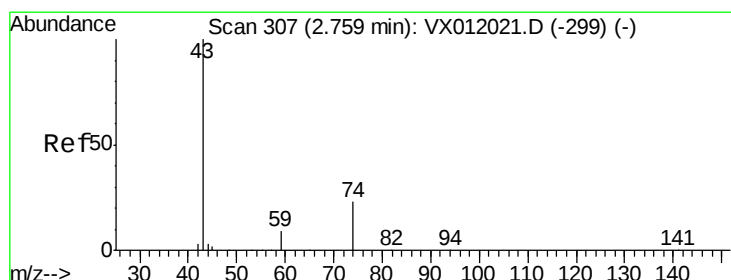
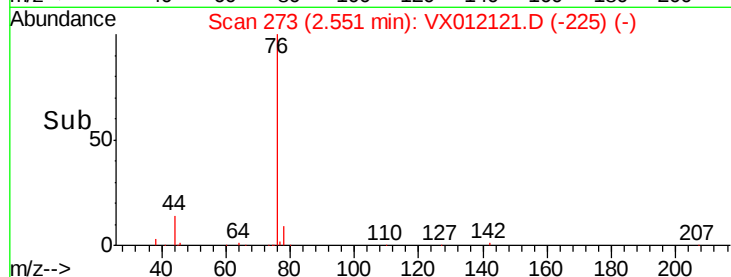
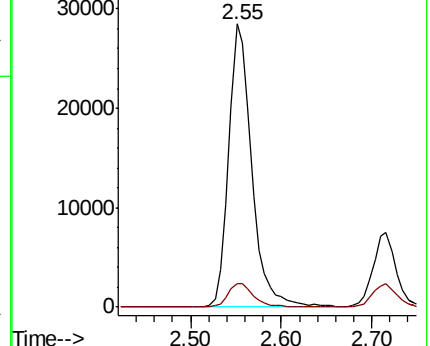
76 100

78 8.5 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 25.232 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012121.D

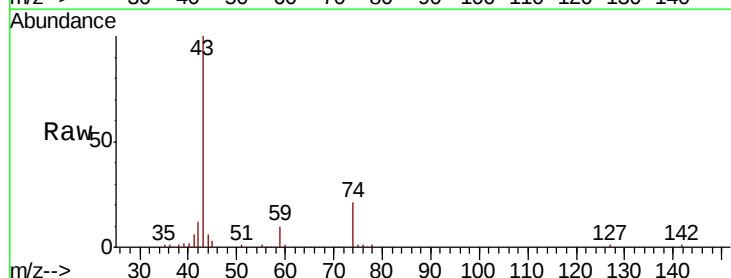
Acq: 06 Sep 2019 01:56

Tgt Ion: 43 Resp: 21842

Ion Ratio Lower Upper

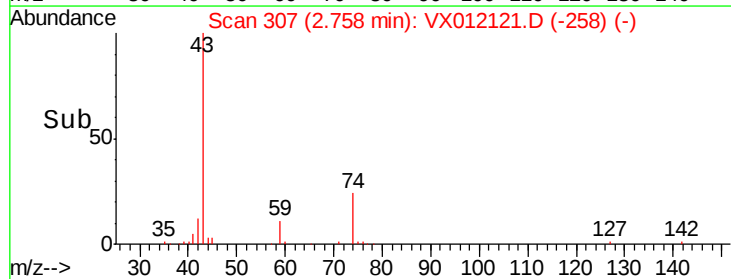
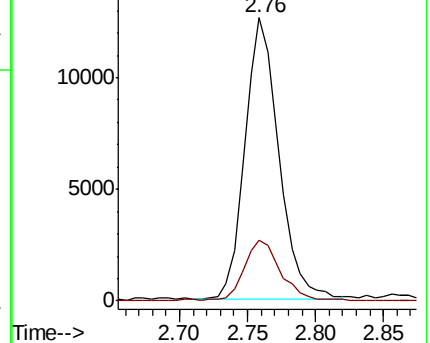
43 100

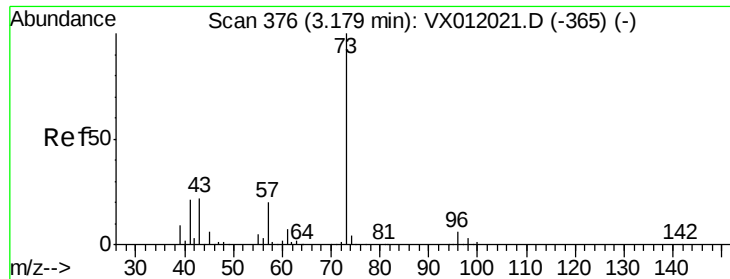
74 23.2 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



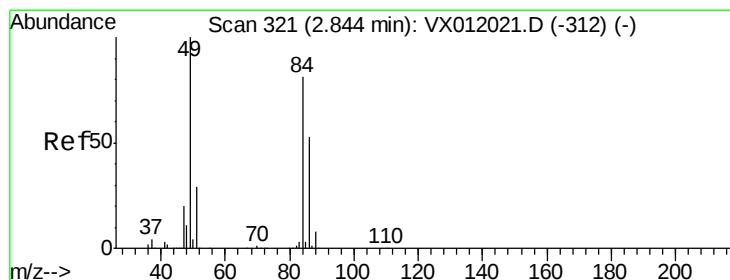
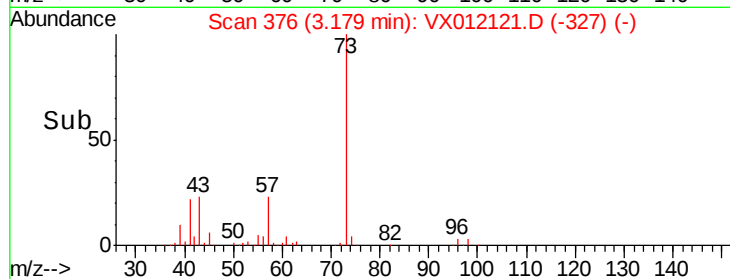
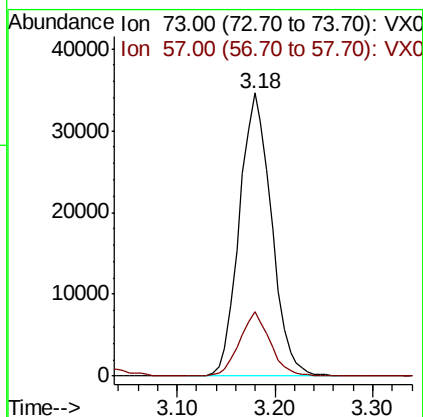
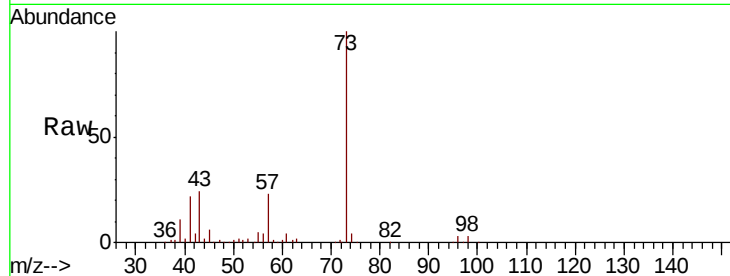


#19

Methyl tert-butyl Ether
 Concen: 22.087 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBSD02

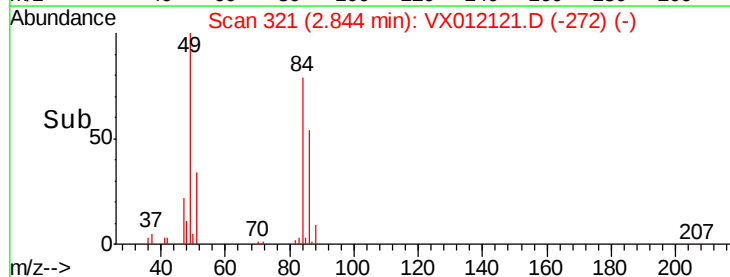
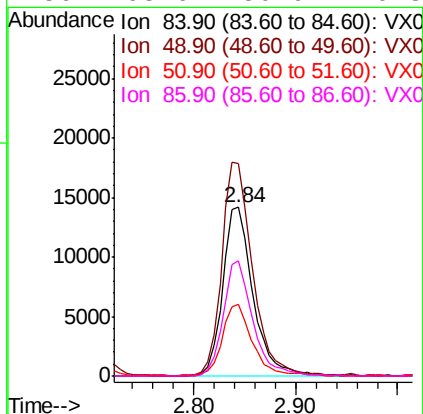
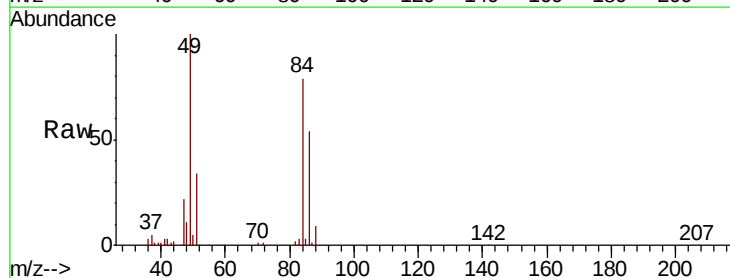
Tgt Ion: 73 Resp: 78891
 Ion Ratio Lower Upper
 73 100
 57 22.8 16.6 25.0

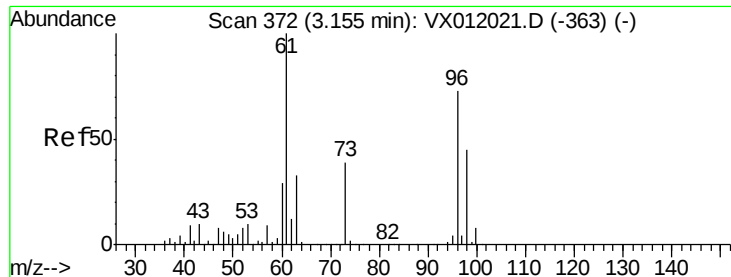


#20

Methylene Chloride
 Concen: 19.671 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

Tgt Ion: 84 Resp: 29026
 Ion Ratio Lower Upper
 84 100
 49 125.8 95.8 143.8
 51 42.3 28.6 43.0
 86 68.6 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 18.337 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBS02

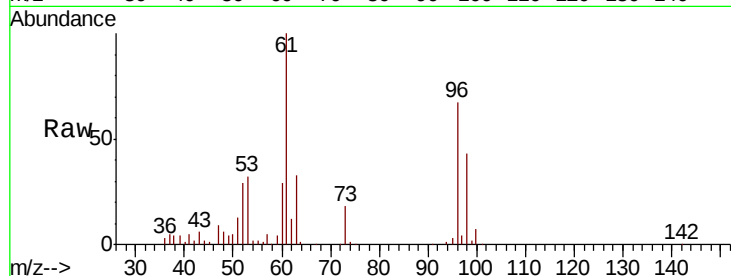
Tgt Ion: 96 Resp: 23608

Ion Ratio Lower Upper

96 100

61 148.9 107.0 160.6

98 64.6 49.8 74.6

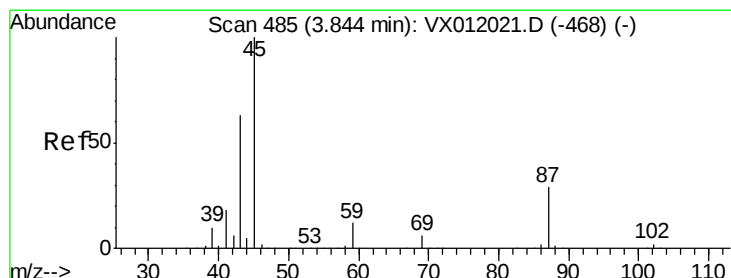
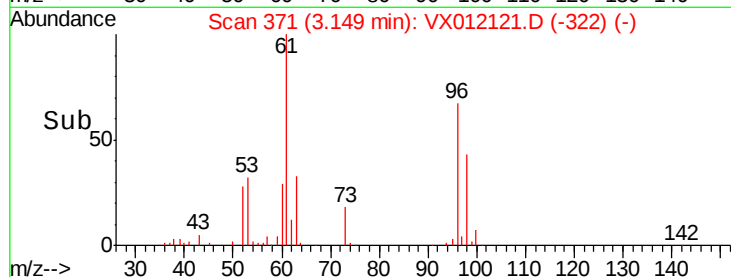
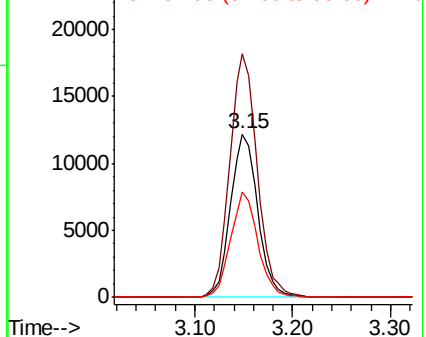


Abundance

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: 22.169 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

Tgt Ion: 45 Resp: 89706

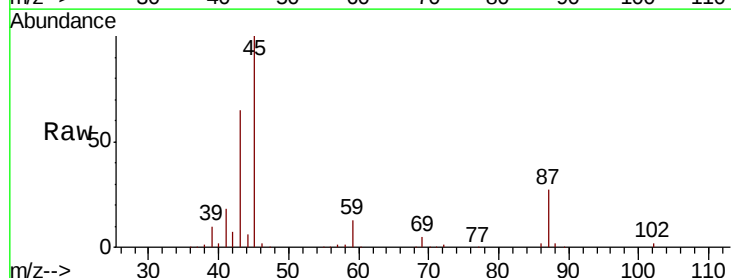
Ion Ratio Lower Upper

45 100

43 64.3 54.2 81.4

87 27.3 23.4 35.0

59 12.8 9.0 13.6



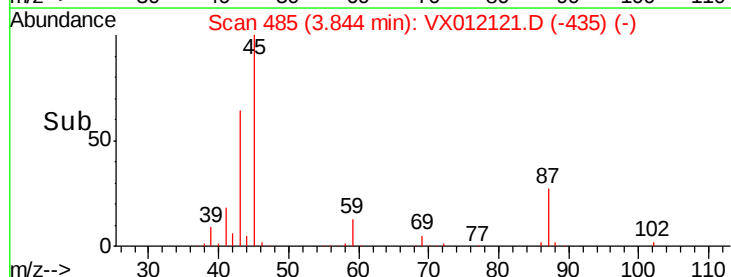
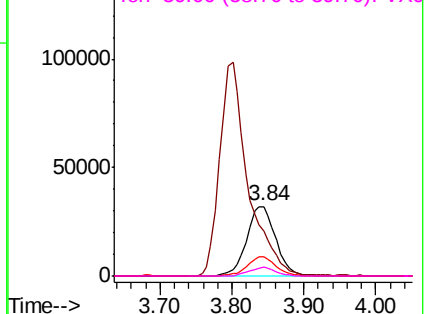
Abundance

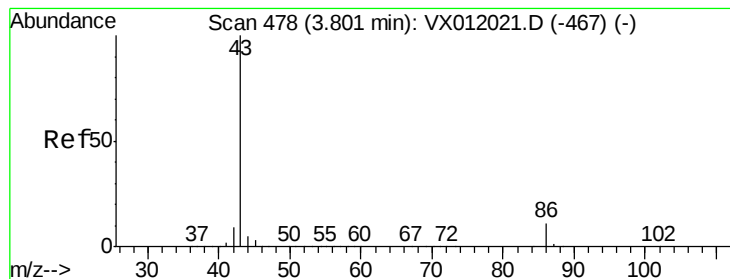
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 103.432 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

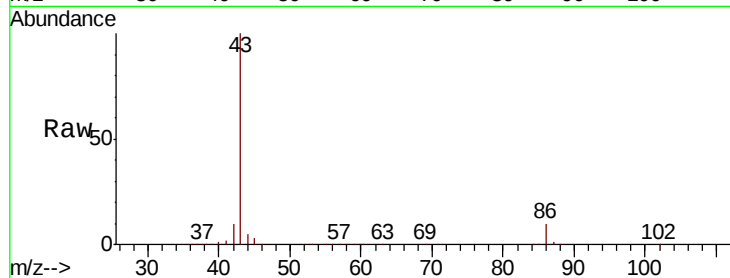
VX0905SBSD02

Tgt Ion: 43 Resp: 270744

Ion Ratio Lower Upper

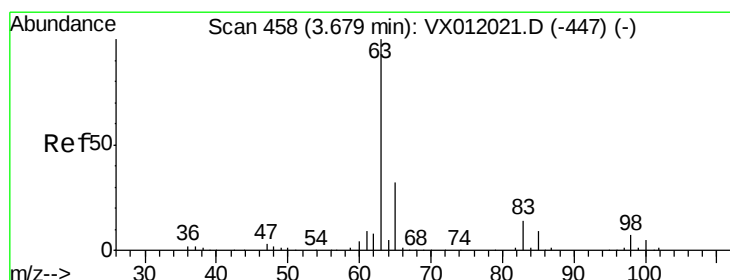
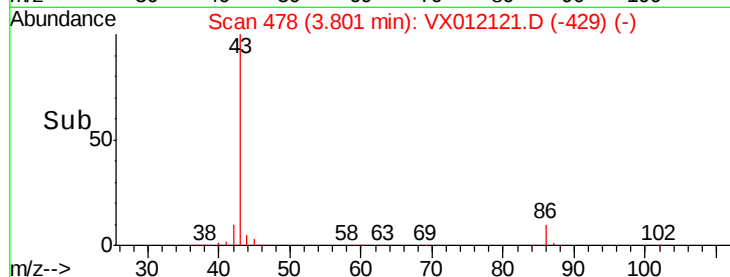
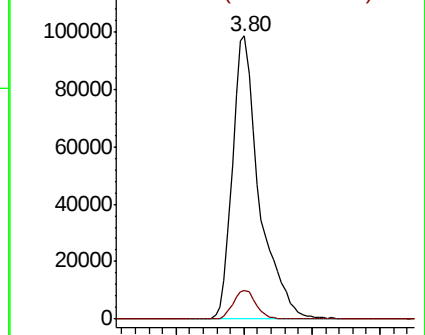
43 100

86 10.0 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.884 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

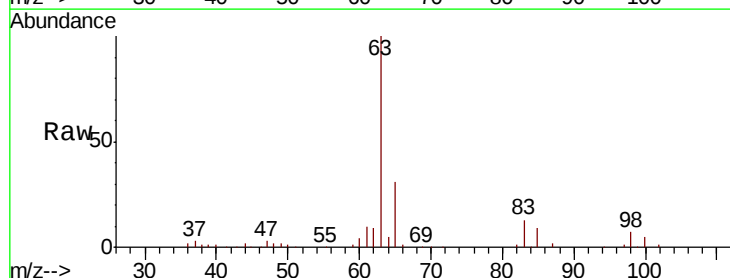
Tgt Ion: 63 Resp: 49011

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.7

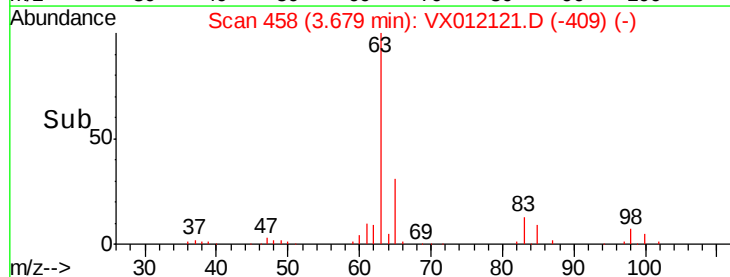
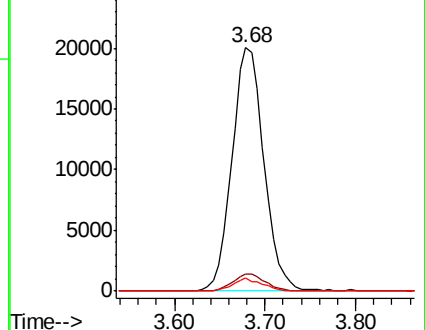
100 5.3 2.5 7.4

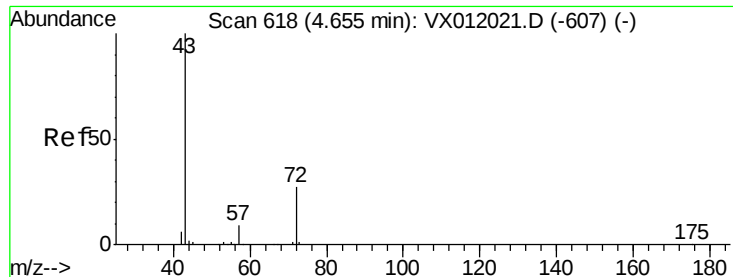


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 107.105 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

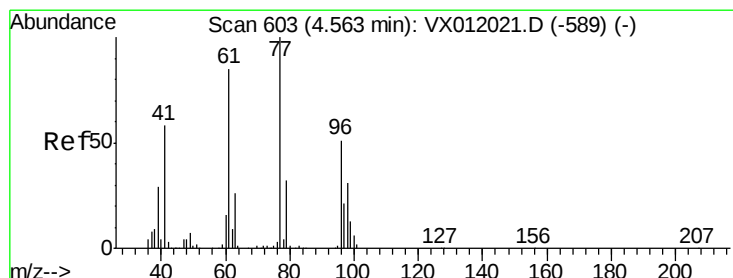
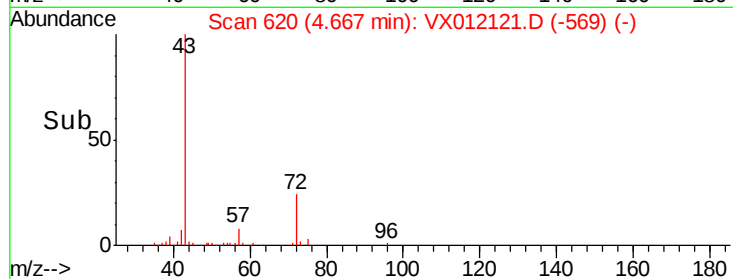
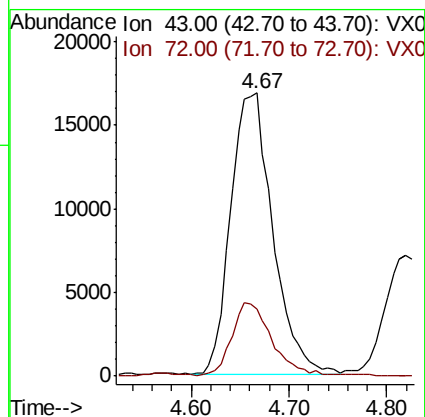
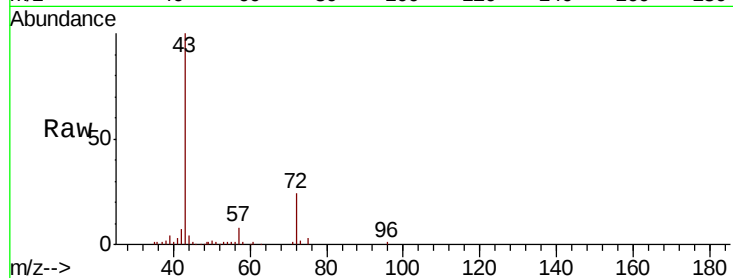
VX0905SBS02

Tgt Ion: 43 Resp: 50099

Ion Ratio Lower Upper

43 100

72 23.5 21.3 31.9



#26

2,2-Dichloropropane

Concen: 16.515 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012121.D

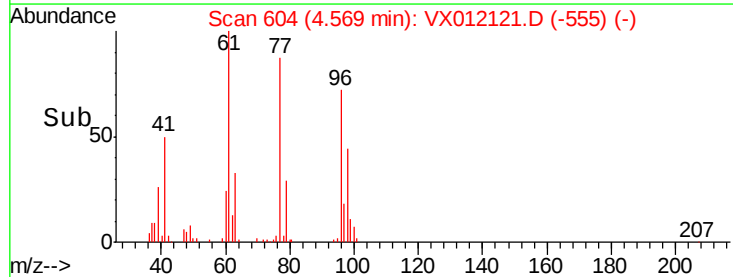
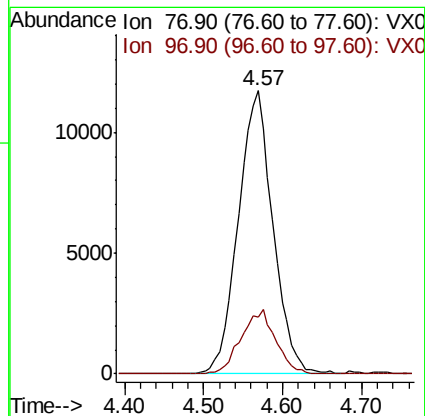
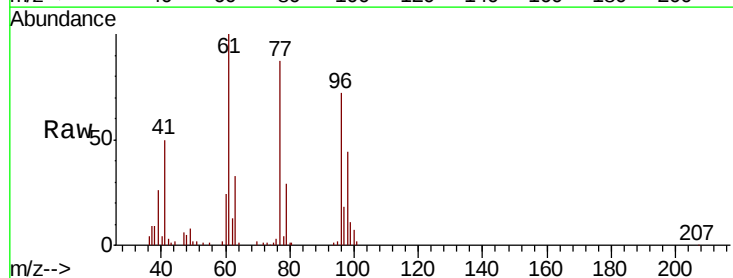
Acq: 06 Sep 2019 01:56

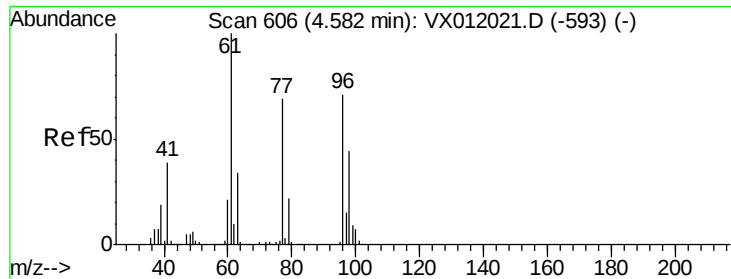
Tgt Ion: 77 Resp: 35783

Ion Ratio Lower Upper

77 100

97 22.4 11.5 34.5



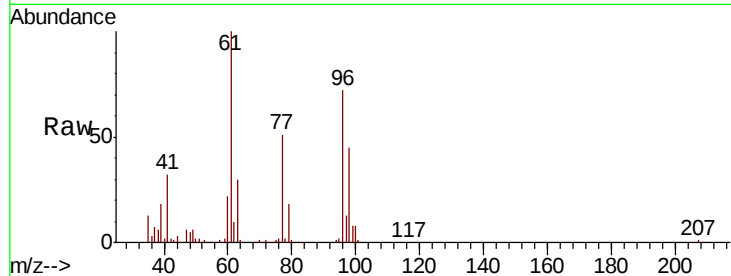


#27

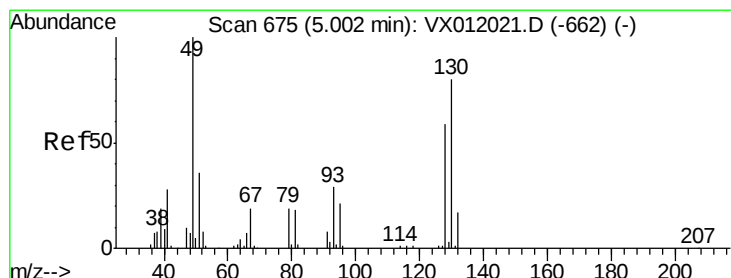
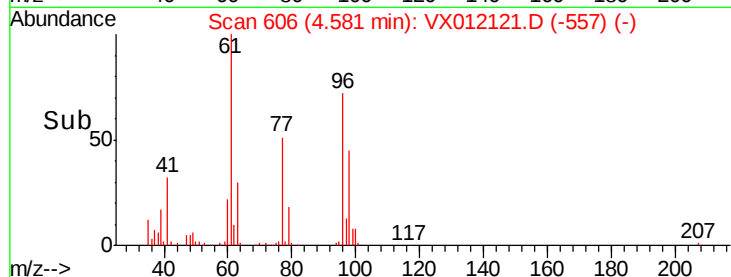
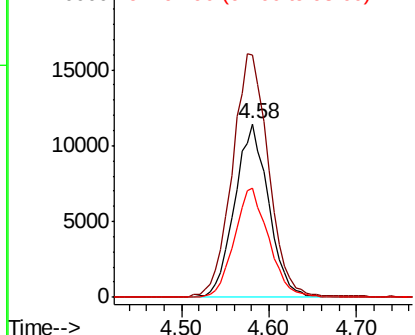
cis-1,2-Dichloroethene
 Concen: 20.398 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

Tgt Ion: 96 Resp: 30784
 Ion Ratio Lower Upper
 96 100
 61 150.3 0.0 277.0
 98 63.7 0.0 128.4



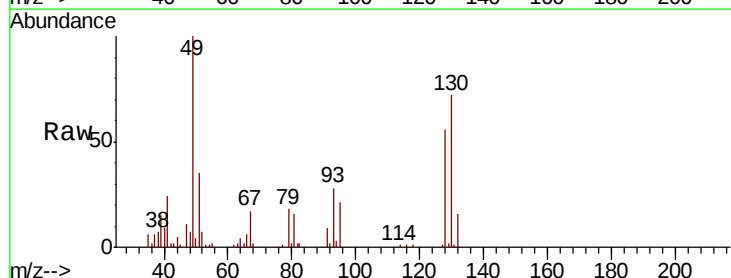
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



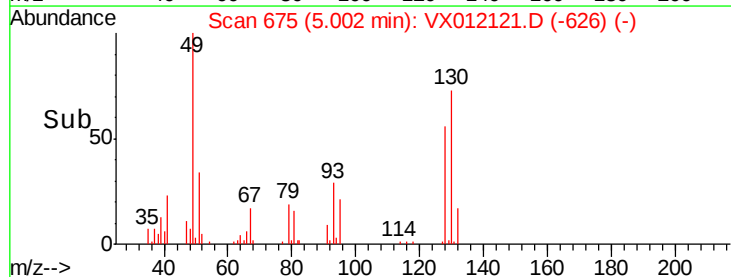
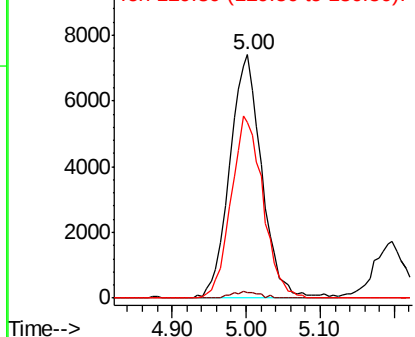
#28

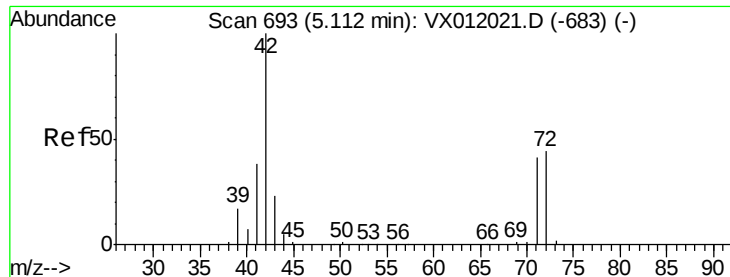
Bromochloromethane
 Concen: 23.818 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

Tgt Ion: 49 Resp: 22313
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 5.6
 130 74.4 76.7 115.1#



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: 111.613 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBSD02

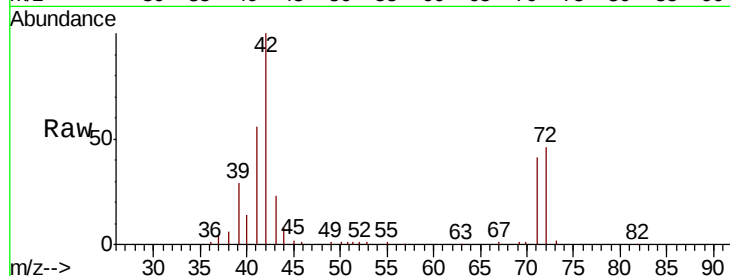
Tgt Ion: 42 Resp: 31455

Ion Ratio Lower Upper

42 100

72 48.2 37.0 55.4

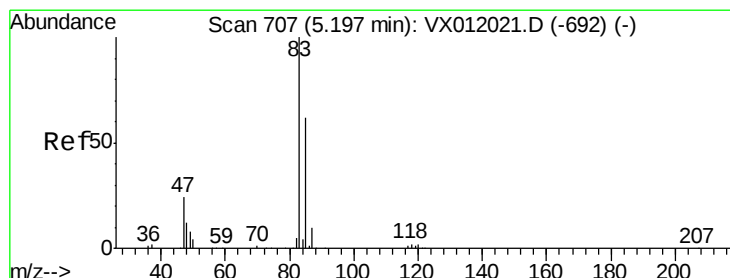
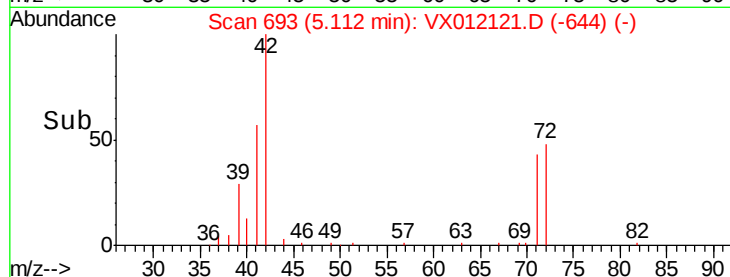
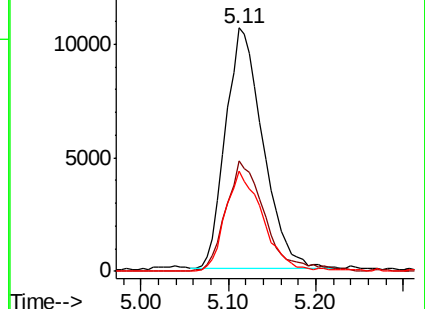
71 41.5 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 21.311 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.00 min

Lab File: VX012121.D

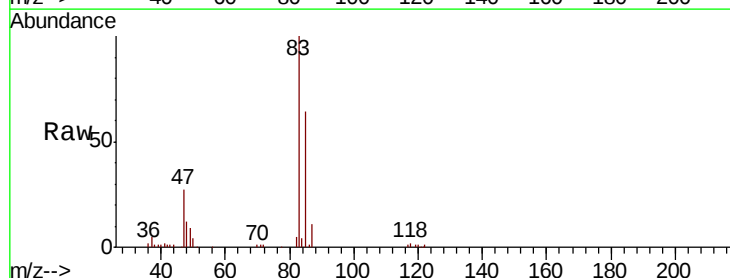
Acq: 06 Sep 2019 01:56

Tgt Ion: 83 Resp: 53666

Ion Ratio Lower Upper

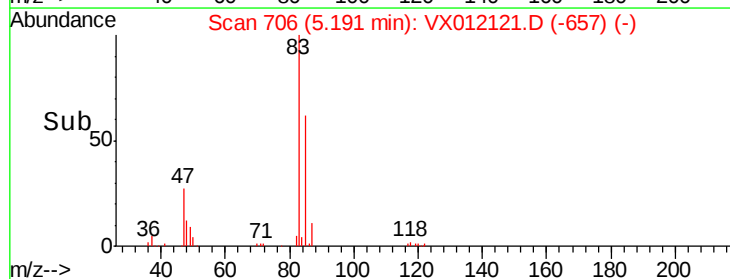
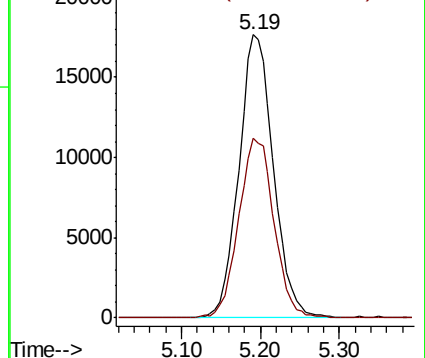
83 100

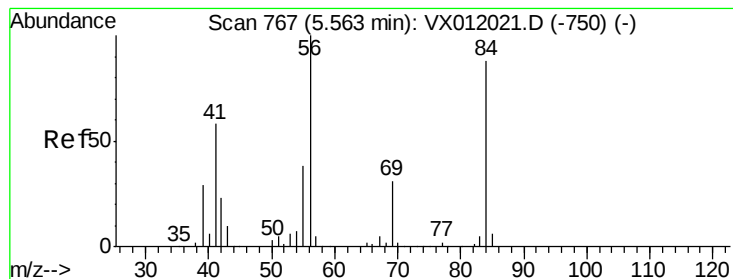
85 63.7 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 16.982 ug/l

RT: 5.56 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBSD02

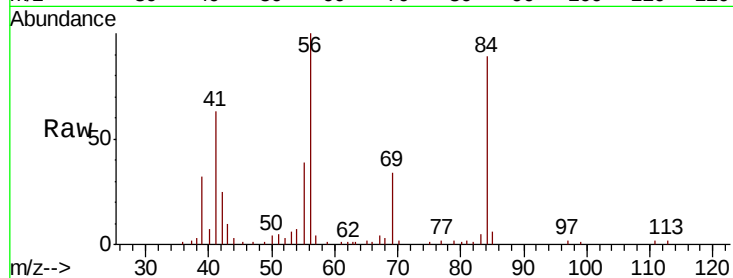
Tgt Ion: 56 Resp: 32007

Ion Ratio Lower Upper

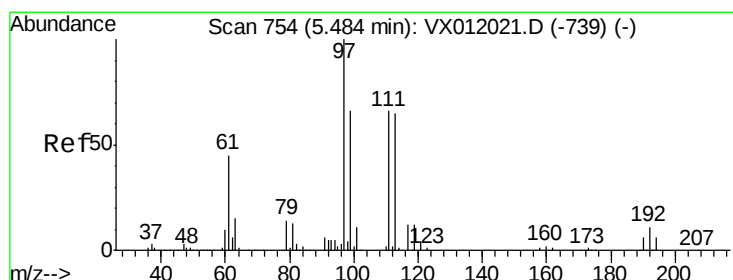
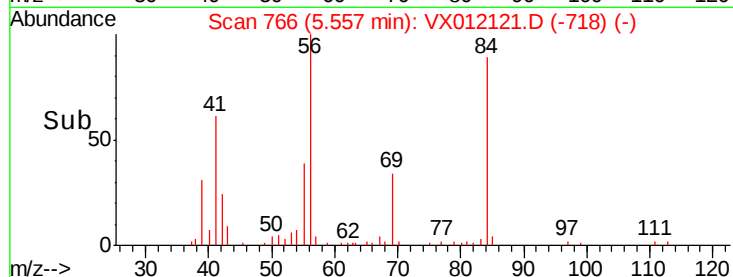
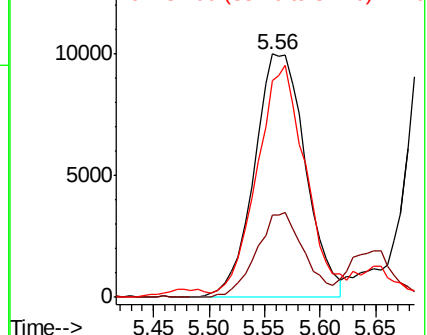
56 100

69 33.9 25.7 38.5

84 85.8 70.3 105.5



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: 19.855 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

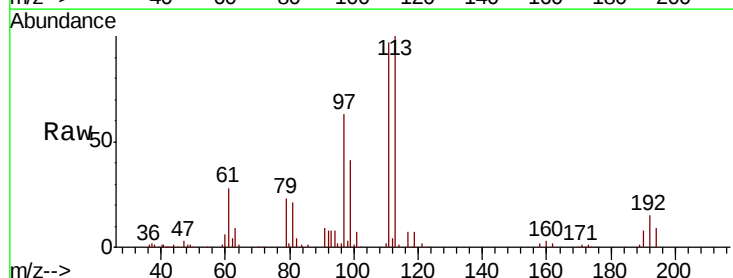
Tgt Ion: 97 Resp: 43547

Ion Ratio Lower Upper

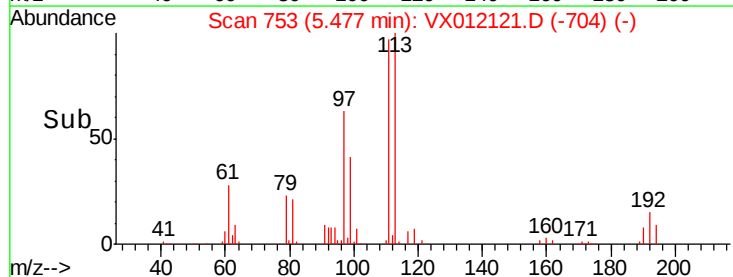
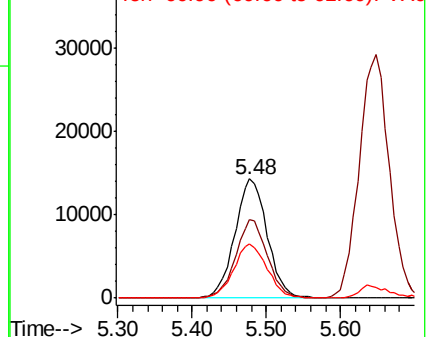
97 100

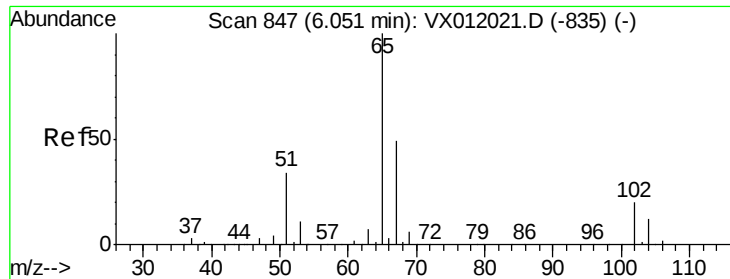
99 64.2 52.1 78.1

61 47.0 32.8 49.2



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

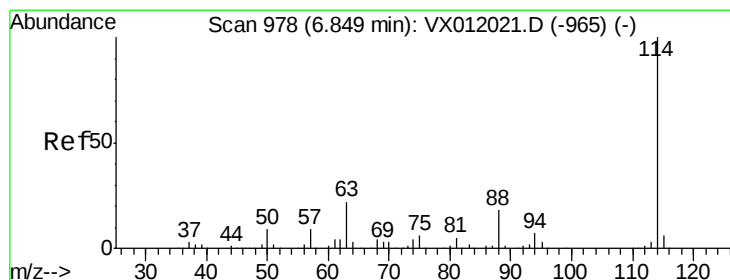
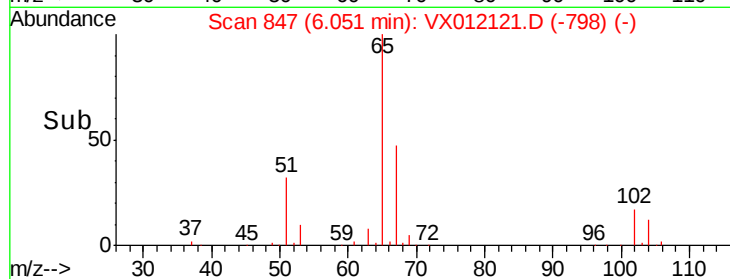
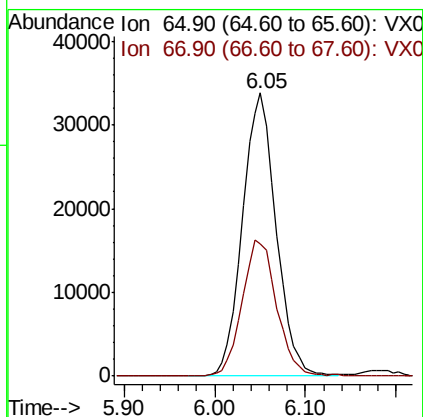
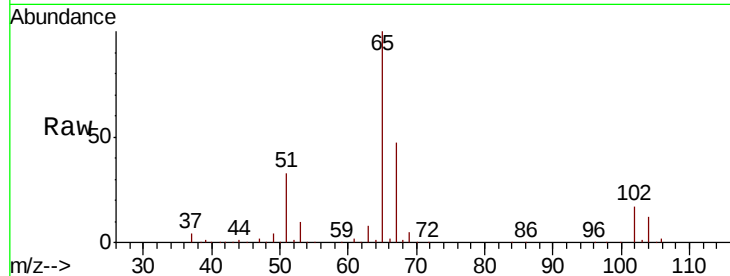




#33
 1,2-Dichloroethane-d4
 Concen: 56.333 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

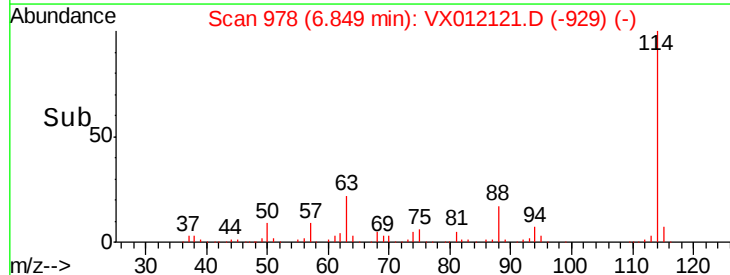
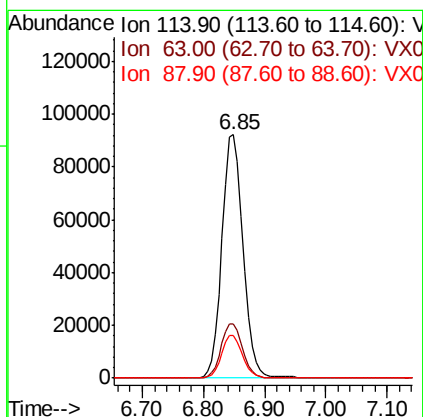
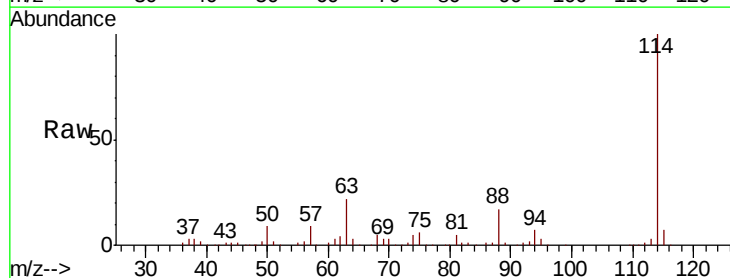
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBSD02

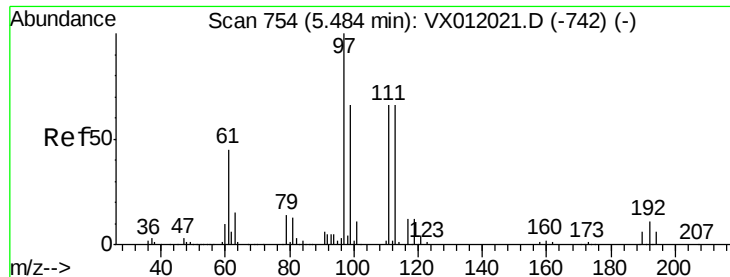
Tgt Ion: 65 Resp: 86605
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

Tgt Ion: 114 Resp: 221375
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 37.4
 88 17.4 0.0 29.6

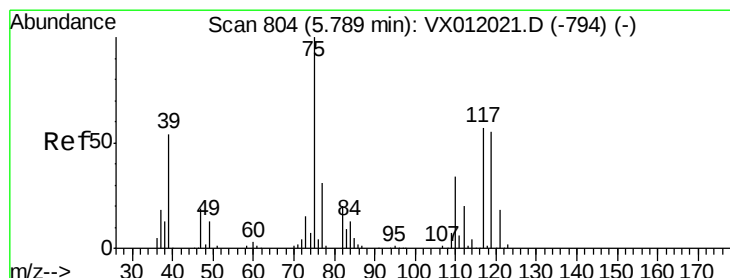
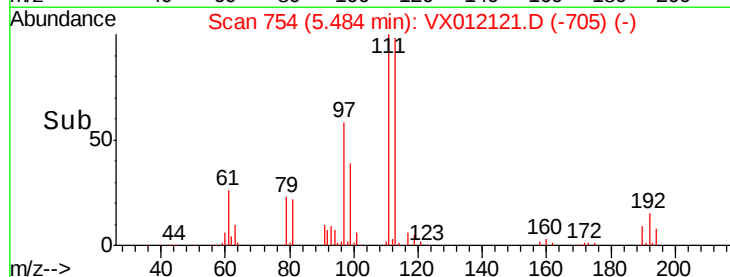
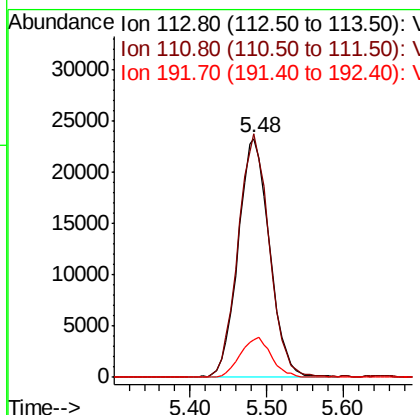
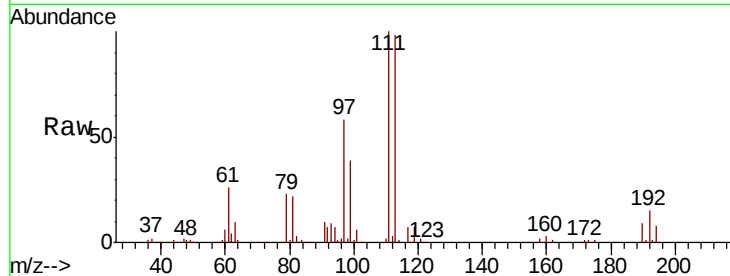




#35
 Dibromofluoromethane
 Concen: 48.986 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

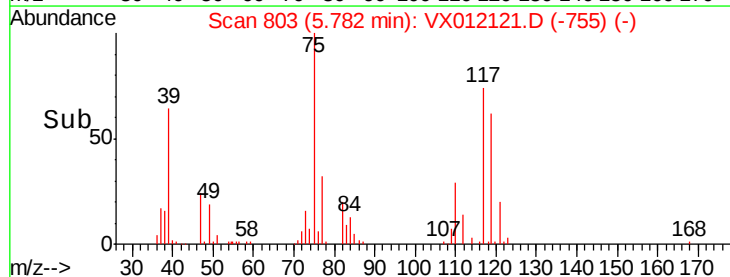
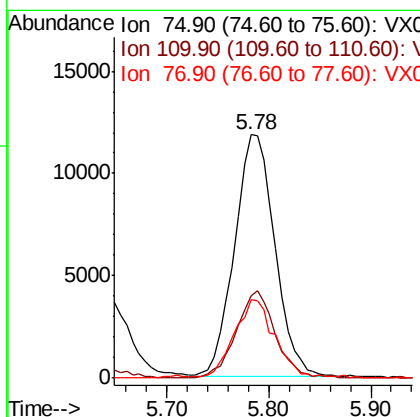
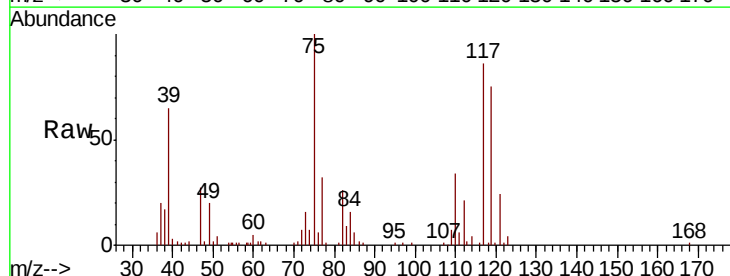
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

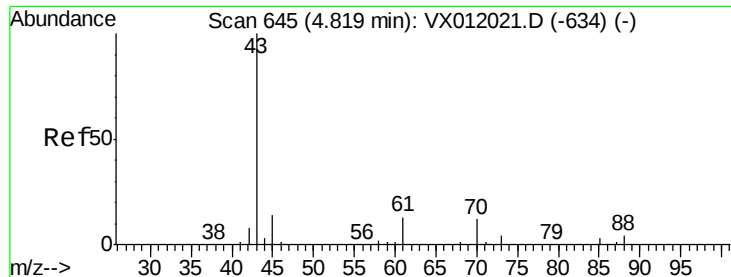
Tgt Ion:113 Resp: 66689
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.7 122.5
 192 16.5 22.5 33.7#



#36
 1,1-Dichloropropene
 Concen: 16.711 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

Tgt Ion: 75 Resp: 32583
 Ion Ratio Lower Upper
 75 100
 110 34.9 19.5 58.5
 77 31.7 24.6 37.0





#37

Ethyl Acetate

Concen: 20.585 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.01 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBS02

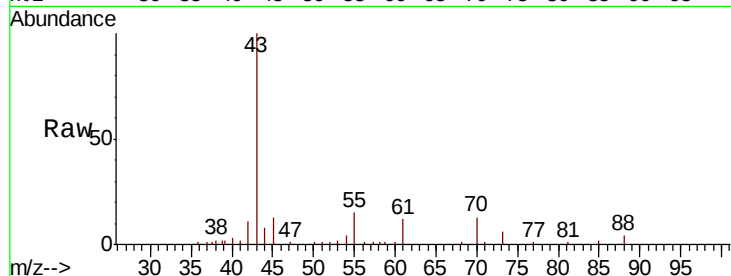
Tgt Ion: 43 Resp: 21825

Ion Ratio Lower Upper

43 100

61 14.4 10.9 16.3

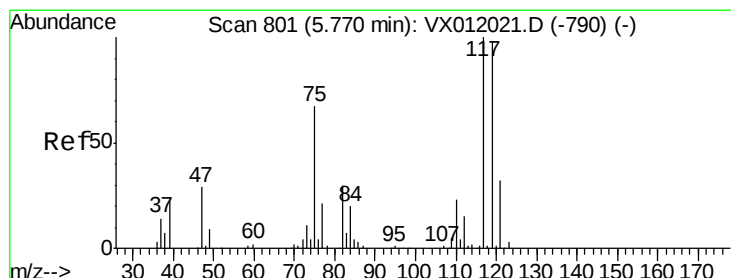
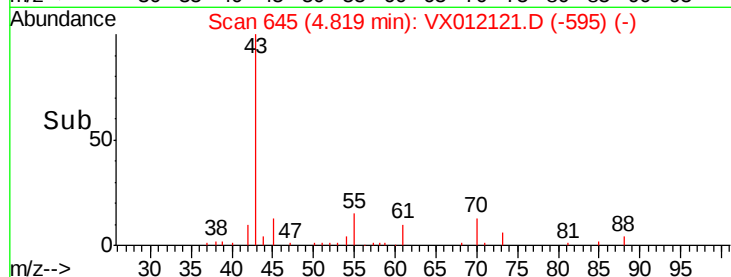
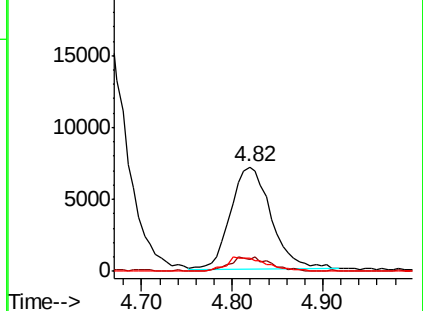
70 0.0 9.4 14.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 17.601 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

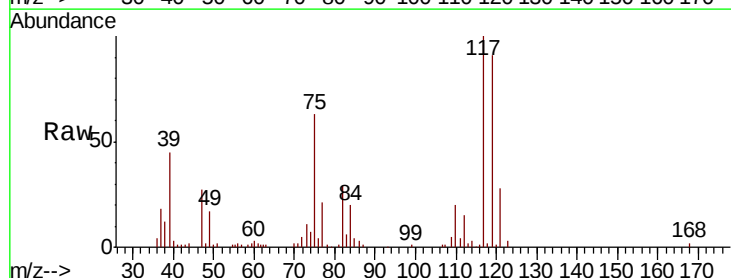
Tgt Ion: 117 Resp: 36162

Ion Ratio Lower Upper

117 100

119 91.4 78.3 117.5

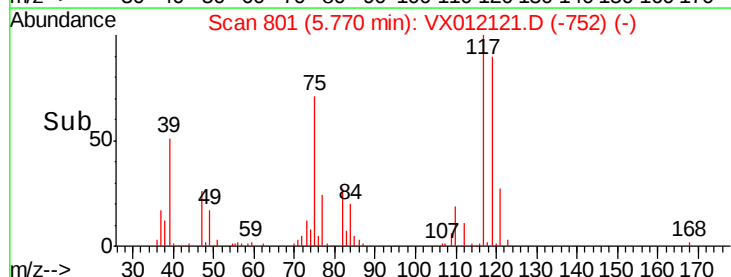
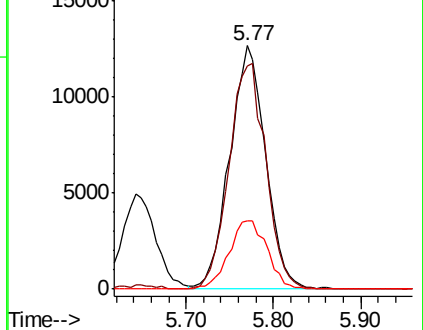
121 27.9 24.2 36.2

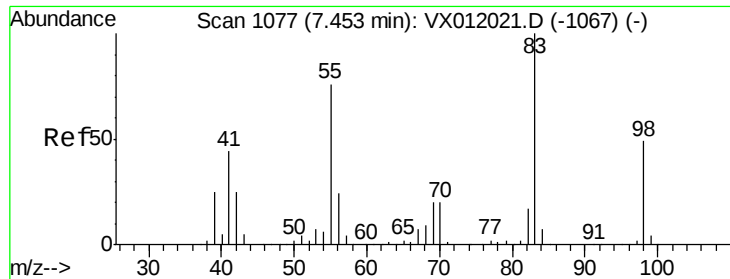


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

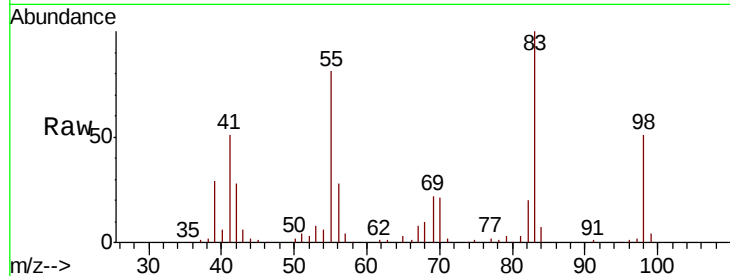




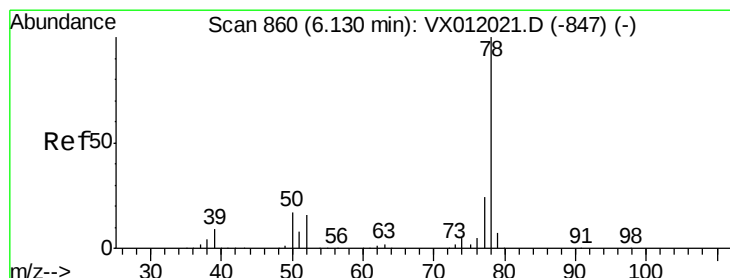
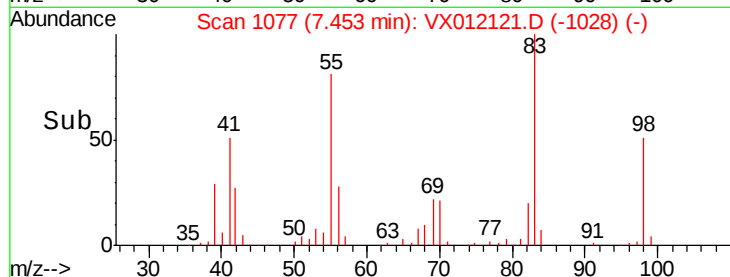
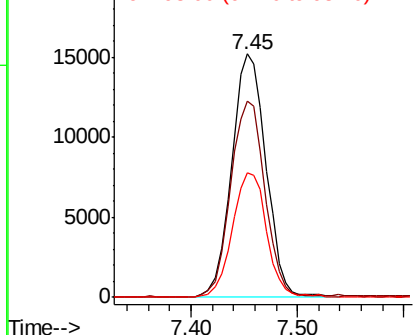
#39
Methylcyclohexane
Concen: 15.228 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012121.D
Acq: 06 Sep 2019 01:56

Instrument :
MSVOA_X
ClientSampleId :
VX0905SBSD02

Tgt Ion: 83 Resp: 34461
Ion Ratio Lower Upper
83 100
55 80.4 59.6 89.4
98 51.4 41.4 62.0

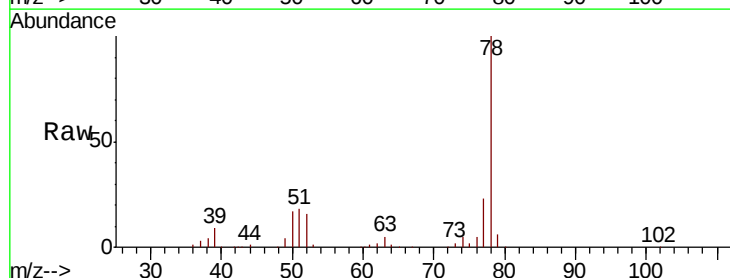


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

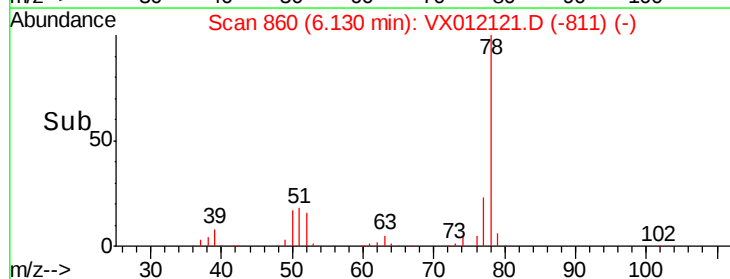
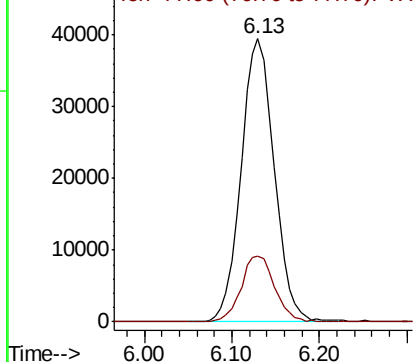


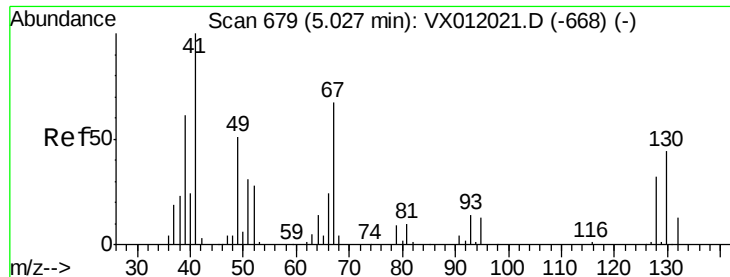
#40
Benzene
Concen: 18.545 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012121.D
Acq: 06 Sep 2019 01:56

Tgt Ion: 78 Resp: 103806
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

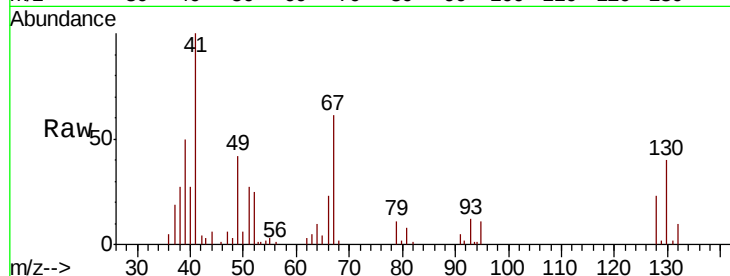




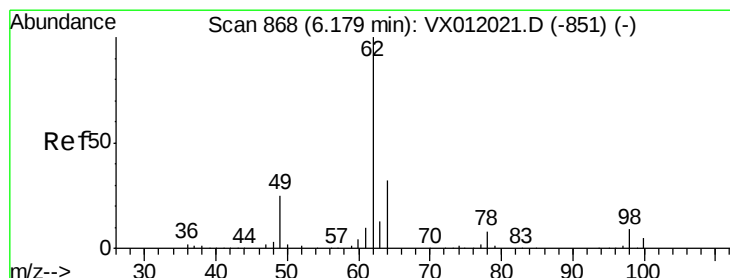
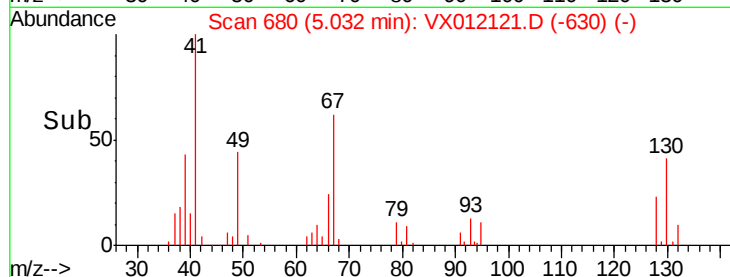
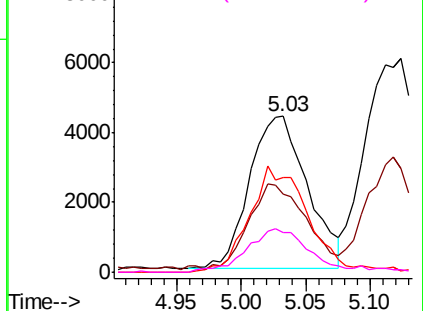
#41
Methacrylonitrile
Concen: 21.577 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012121.D
Acq: 06 Sep 2019 01:56

Instrument :
MSVOA_X
ClientSampleId :
VX0905SBSD02

Tgt Ion: 41 Resp: 13643
Ion Ratio Lower Upper
41 100
39 55.2 46.7 70.1
67 70.2 57.0 85.6
52 29.7 23.5 35.3

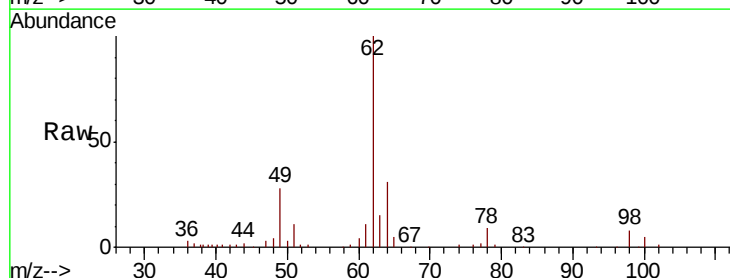


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

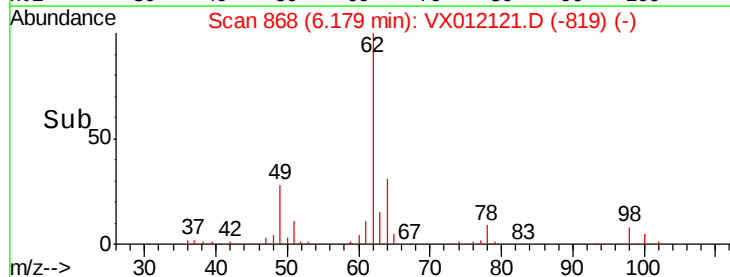
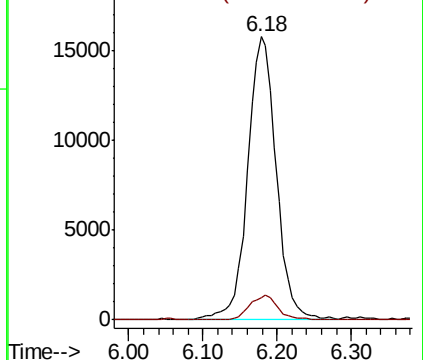


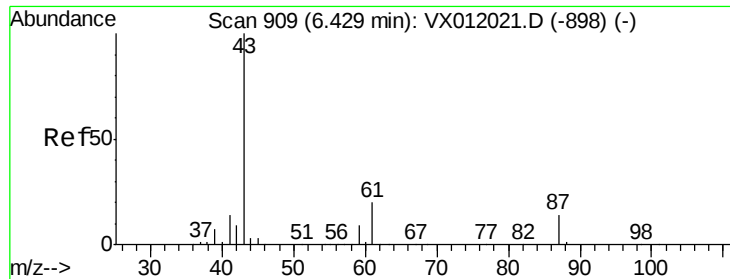
#42
1,2-Dichloroethane
Concen: 21.098 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012121.D
Acq: 06 Sep 2019 01:56

Tgt Ion: 62 Resp: 42497
Ion Ratio Lower Upper
62 100
98 8.4 0.0 19.2



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





#43

Isopropyl Acetate

Concen: 21.374 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBSD02

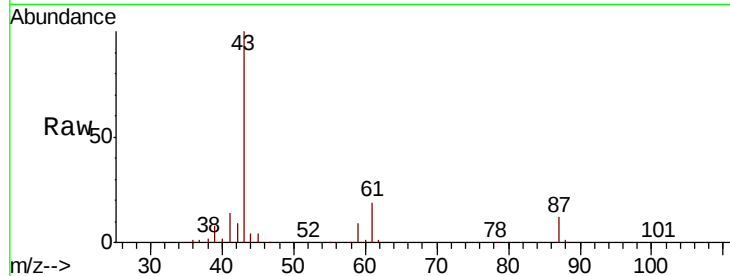
Tgt Ion: 43 Resp: 46079

Ion Ratio Lower Upper

43 100

61 19.6 16.1 24.1

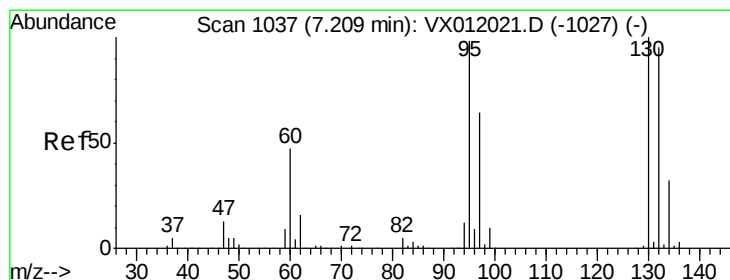
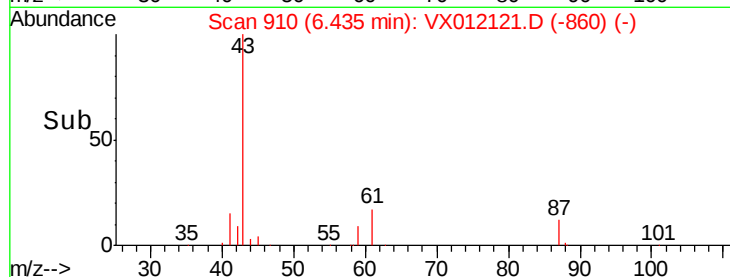
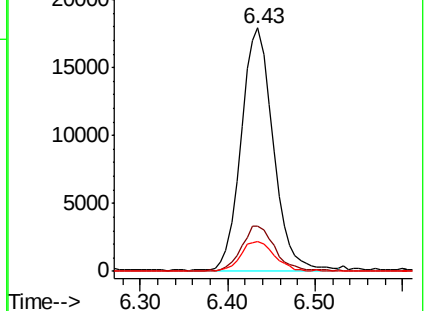
87 12.9 11.3 16.9



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: 18.045 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012121.D

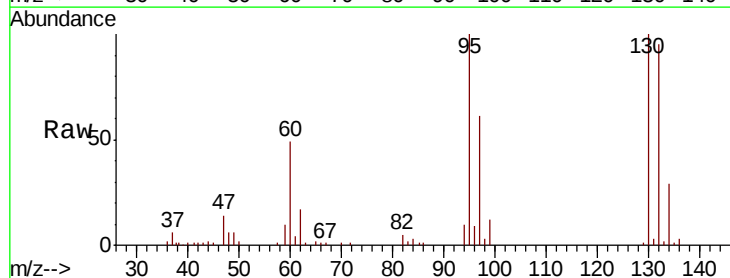
Acq: 06 Sep 2019 01:56

Tgt Ion: 130 Resp: 27243

Ion Ratio Lower Upper

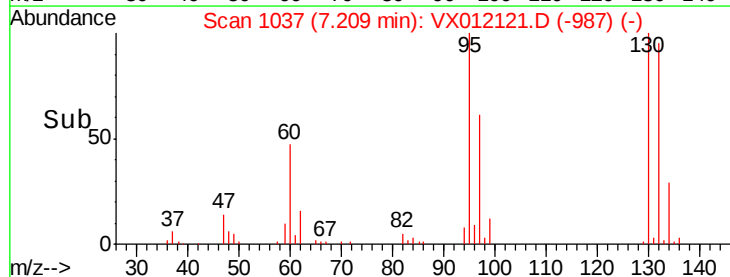
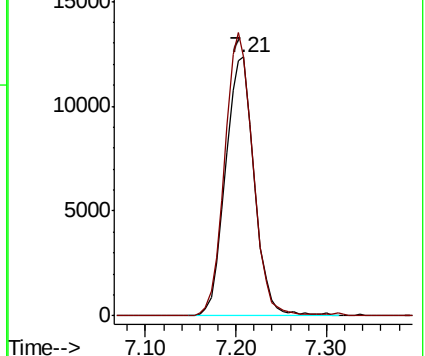
130 100

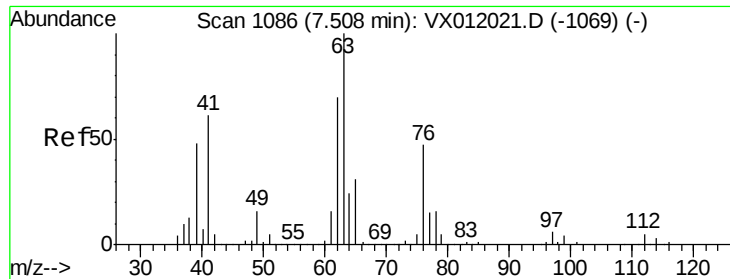
95 100.2 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

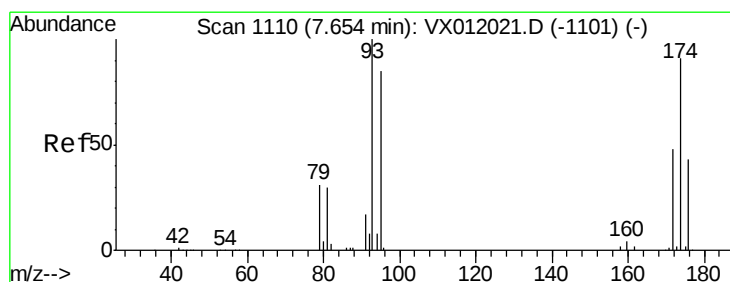
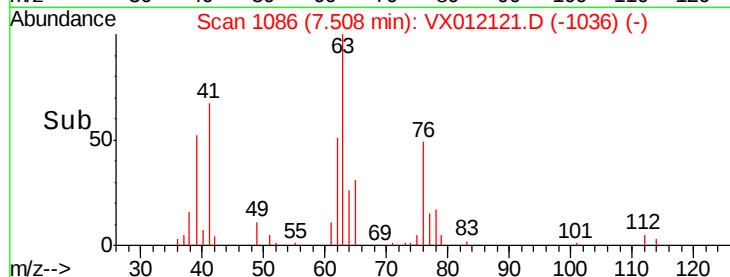
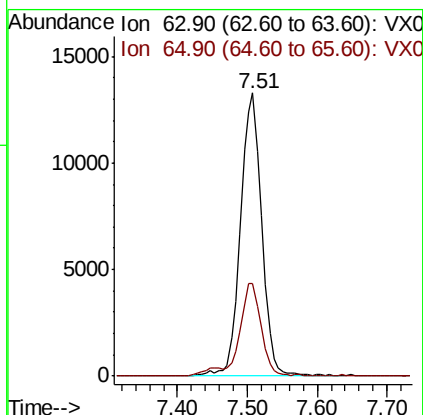
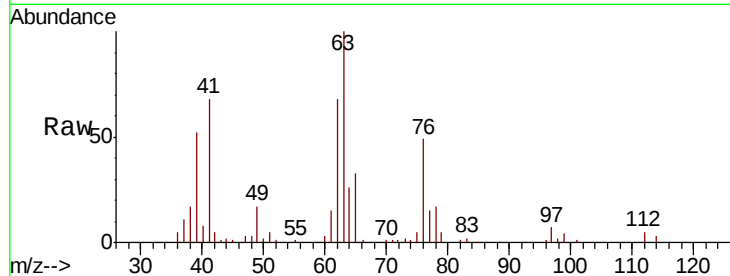




#45
 1,2-Dichloropropane
 Concen: 19.376 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

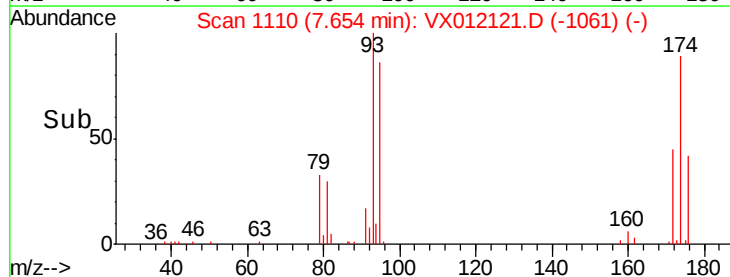
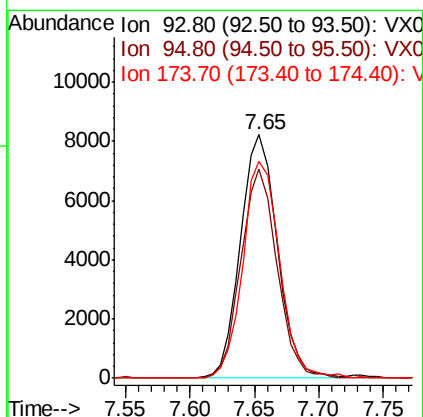
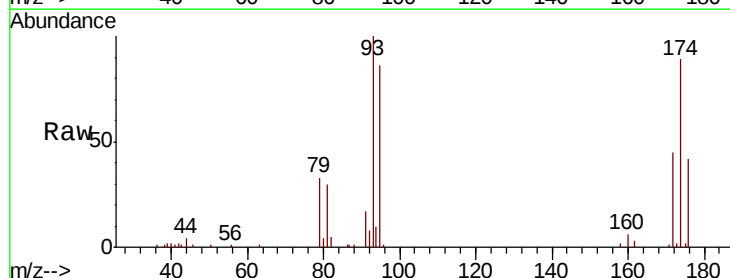
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBSD02

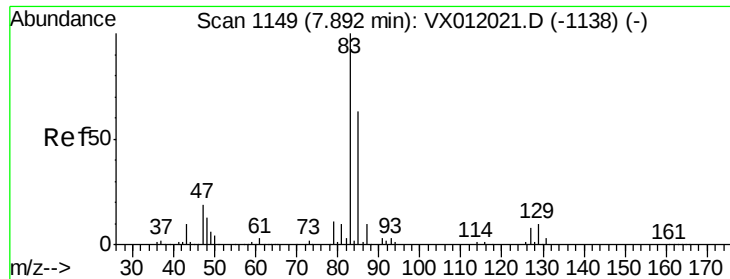
Tgt Ion: 63 Resp: 28021
 Ion Ratio Lower Upper
 63 100
 65 32.7 25.0 37.6



#46
 Dibromomethane
 Concen: 19.380 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

Tgt Ion: 93 Resp: 16361
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.2 99.2
 174 88.6 110.2 165.4#





#47

Bromodichloromethane

Concen: 19.607 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBS02

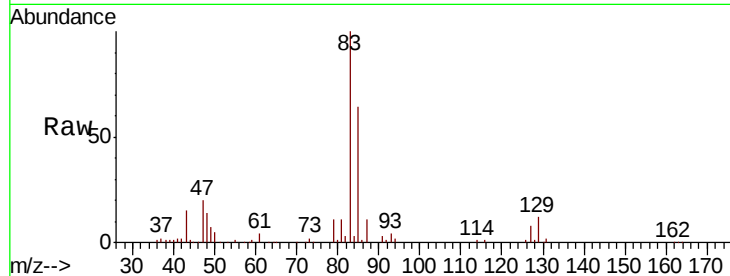
Tgt Ion: 83 Resp: 42075

Ion Ratio Lower Upper

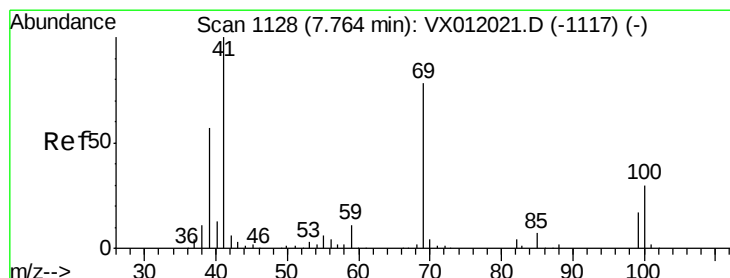
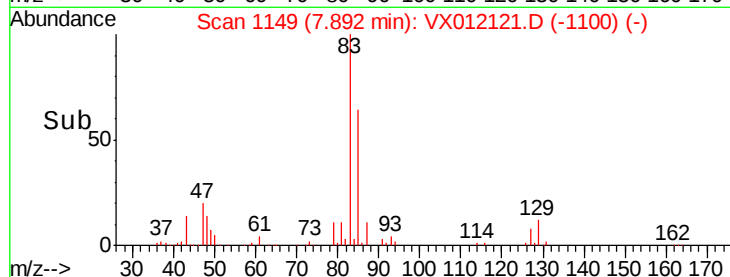
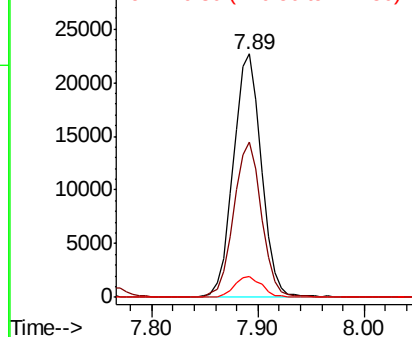
83 100

85 63.9 50.3 75.5

127 8.3 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.528 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

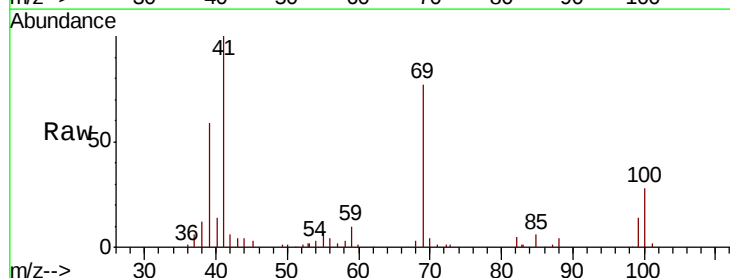
Tgt Ion: 41 Resp: 22252

Ion Ratio Lower Upper

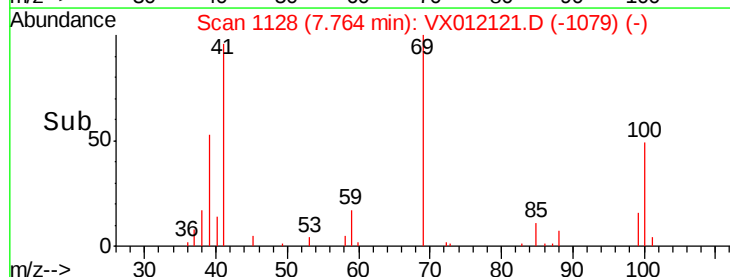
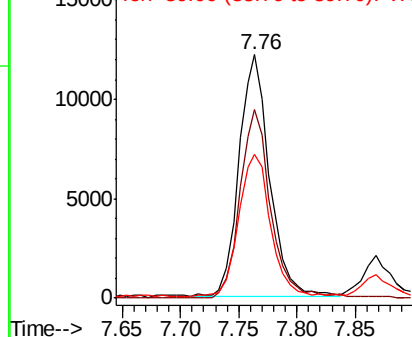
41 100

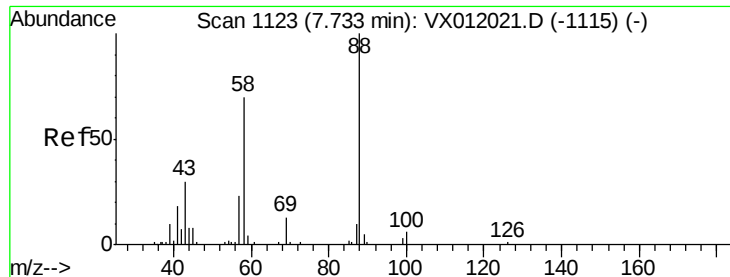
69 78.6 66.3 99.5

39 62.4 48.1 72.1



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

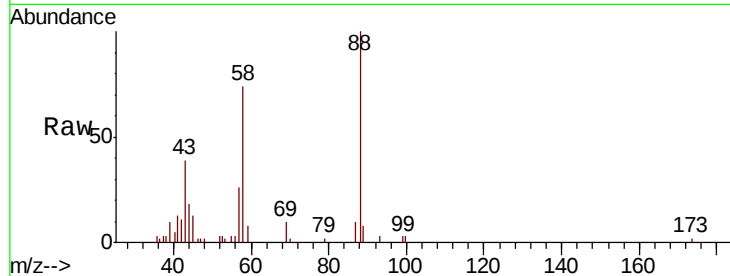




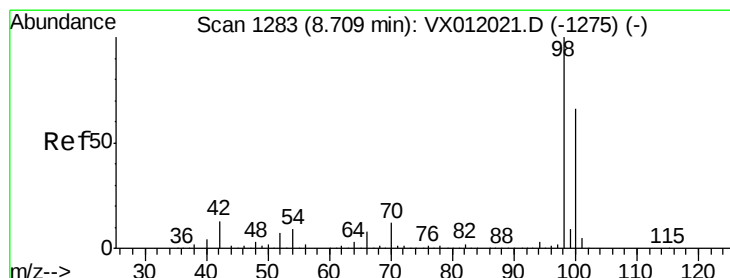
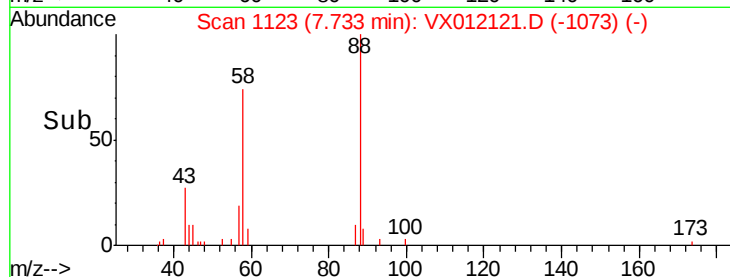
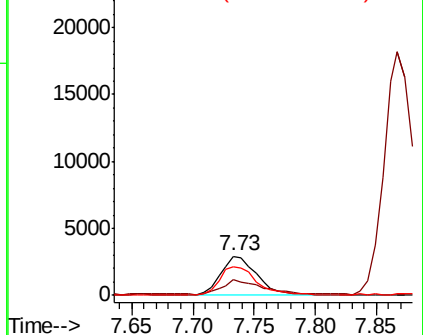
#49
1,4-Dioxane
Concen: 410.164 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012121.D
Acq: 06 Sep 2019 01:56

Instrument :
MSVOA_X
ClientSampleId :
VX0905SBS02

Tgt Ion: 88 Resp: 6061
Ion Ratio Lower Upper
88 100
43 40.6 29.8 44.6
58 76.2 55.4 83.2

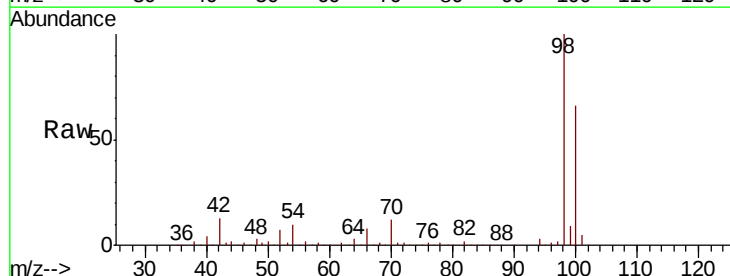


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

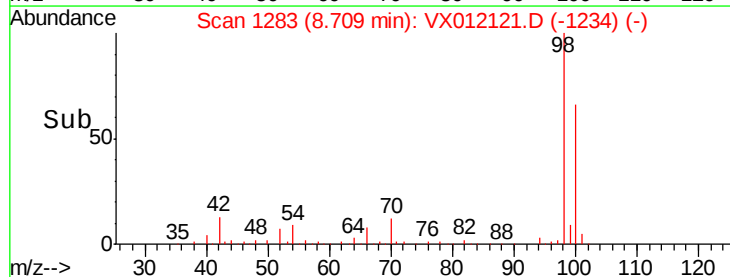
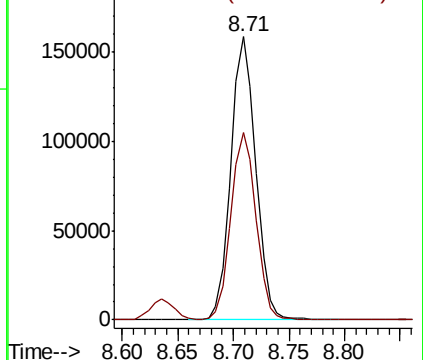


#50
Toluene-d8
Concen: 49.235 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012121.D
Acq: 06 Sep 2019 01:56

Tgt Ion: 98 Resp: 245961
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9



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: 106.345 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

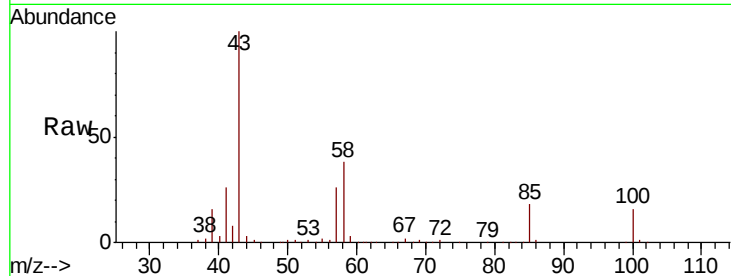
VX0905SBSD02

Tgt Ion: 43 Resp: 116613

Ion Ratio Lower Upper

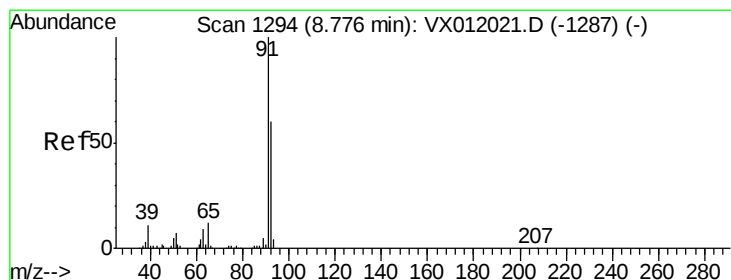
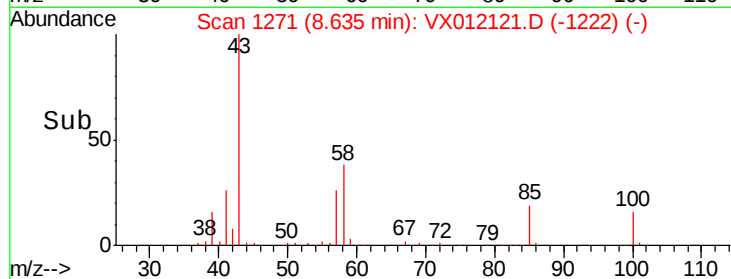
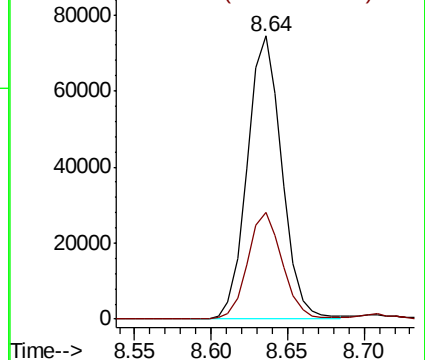
43 100

58 37.8 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.255 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012121.D

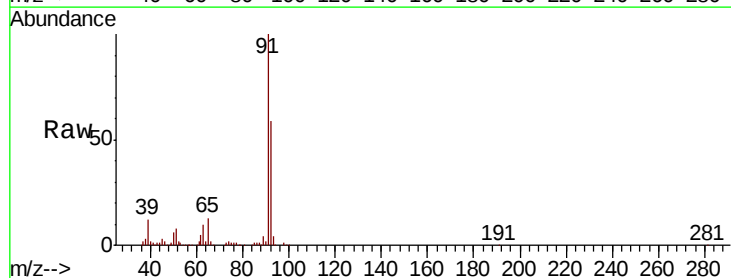
Acq: 06 Sep 2019 01:56

Tgt Ion: 92 Resp: 66483

Ion Ratio Lower Upper

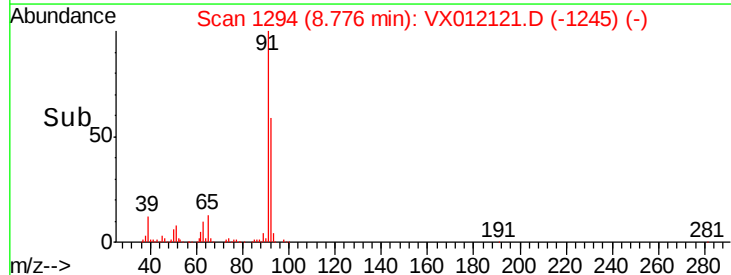
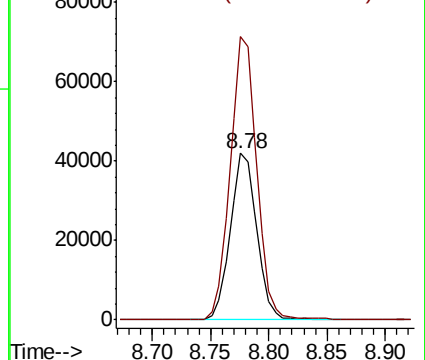
92 100

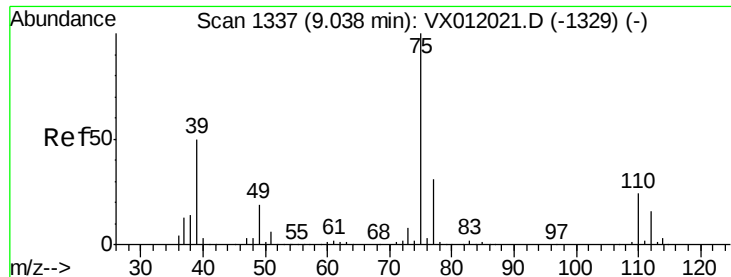
91 170.2 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

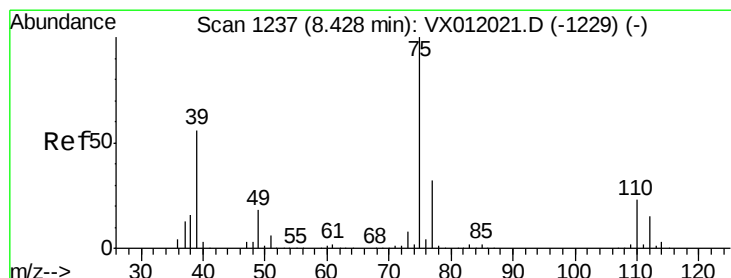
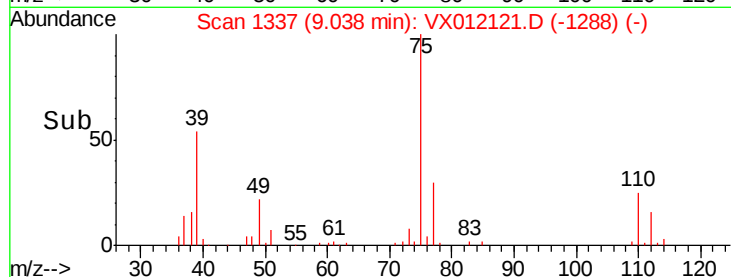
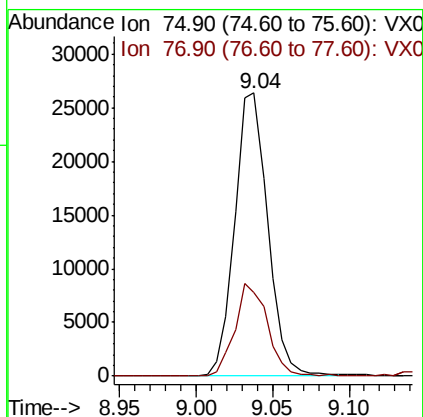
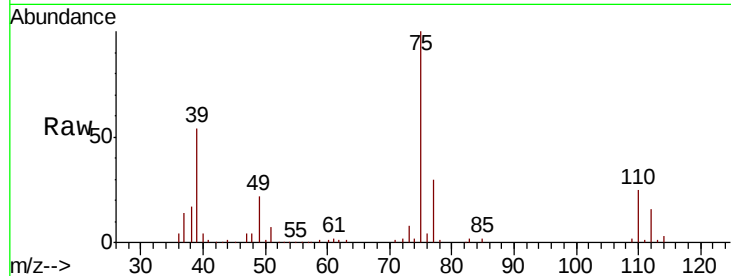




#53
t-1,3-Dichloropropene
Concen: 17.838 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012121.D
Acq: 06 Sep 2019 01:56

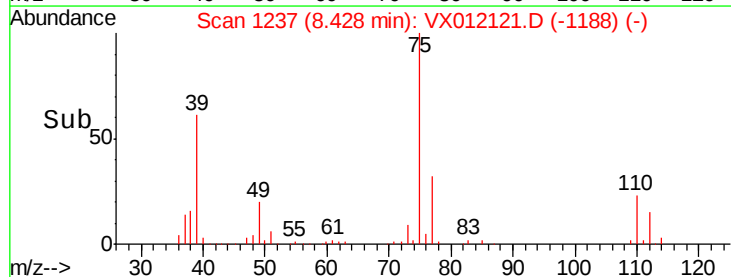
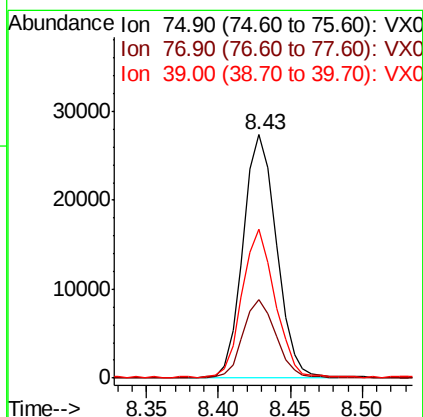
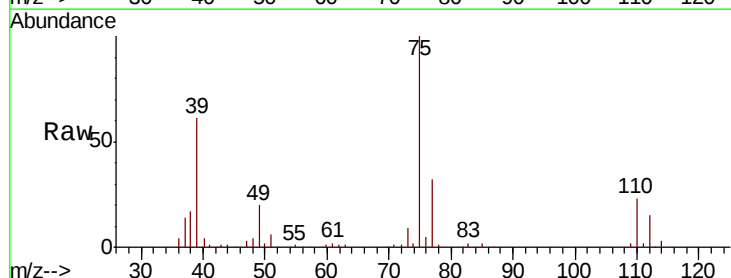
Instrument :
MSVOA_X
ClientSampleId :
VX0905SBSD02

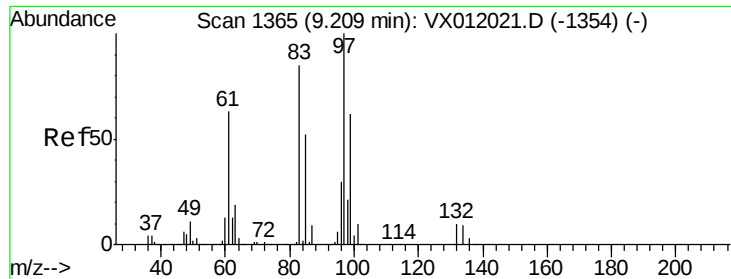
Tgt Ion: 75 Resp: 39628
Ion Ratio Lower Upper
75 100
77 29.5 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 17.907 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012121.D
Acq: 06 Sep 2019 01:56

Tgt Ion: 75 Resp: 44240
Ion Ratio Lower Upper
75 100
77 32.1 25.5 38.3
39 60.4 43.0 64.4

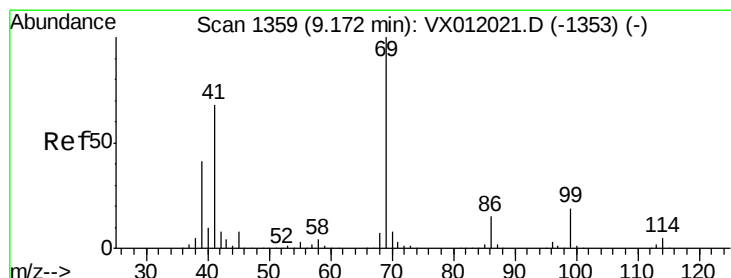
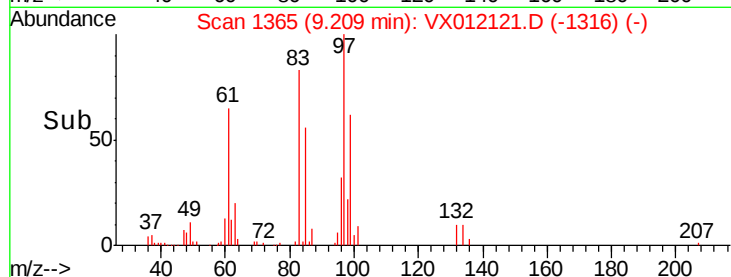
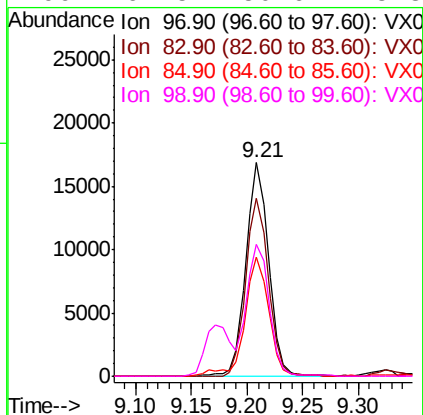
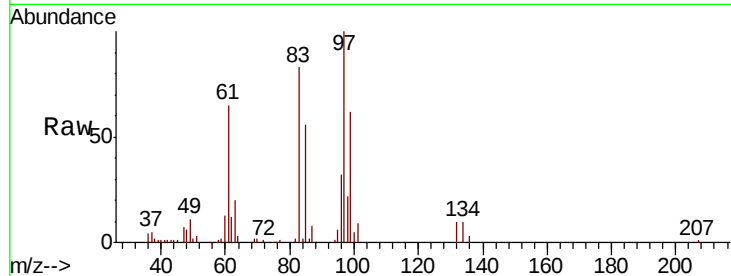




#55
 1,1,2-Trichloroethane
 Concen: 19.943 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

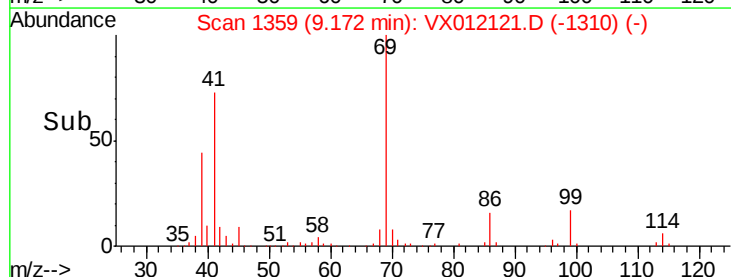
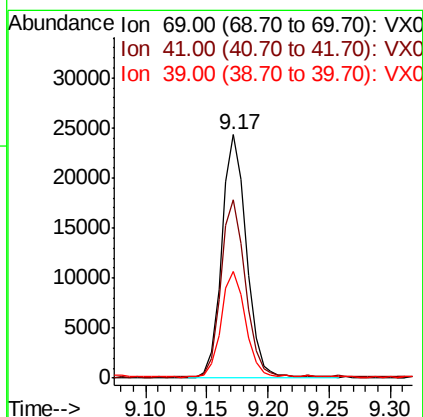
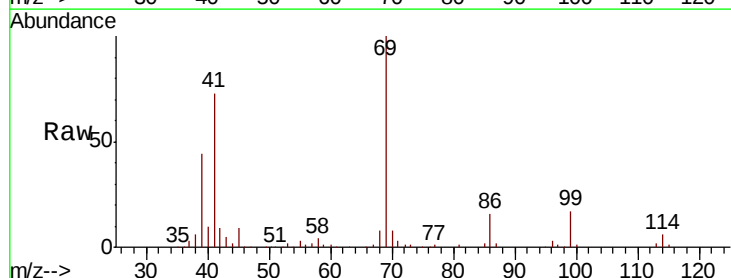
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

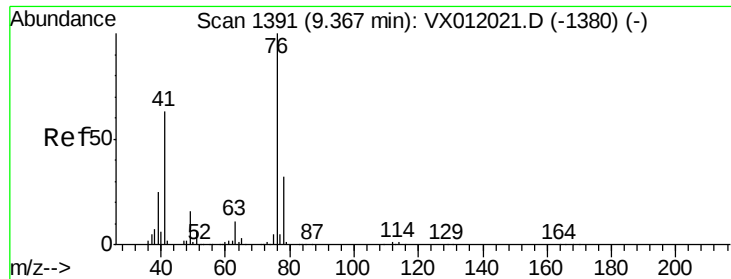
Tgt Ion:	97	Resp:	24070
Ion	Ratio	Lower	Upper
97	100		
83	83.1	66.0	99.0
85	55.6	41.0	61.6
99	61.5	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 19.837 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

Tgt Ion:	69	Resp:	34295
Ion	Ratio	Lower	Upper
69	100		
41	71.5	53.9	80.9
39	42.5	31.1	46.7





#57

1,3-Dichloropropane

Concen: 19.926 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

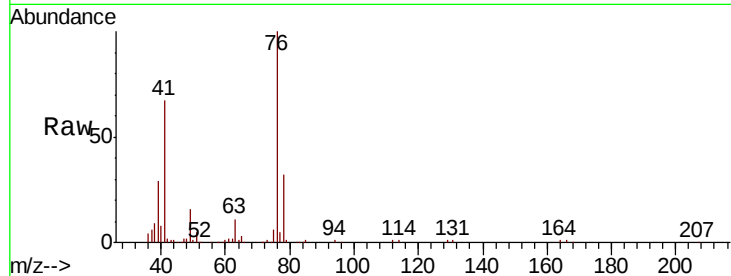
VX0905SBS02

Tgt Ion: 76 Resp: 41500

Ion Ratio Lower Upper

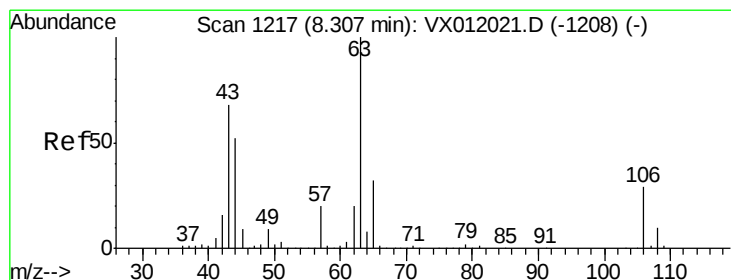
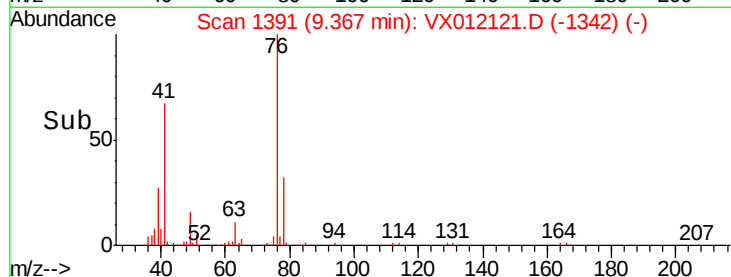
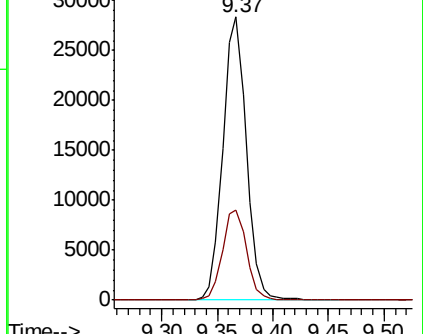
76 100

78 33.0 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 108.665 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012121.D

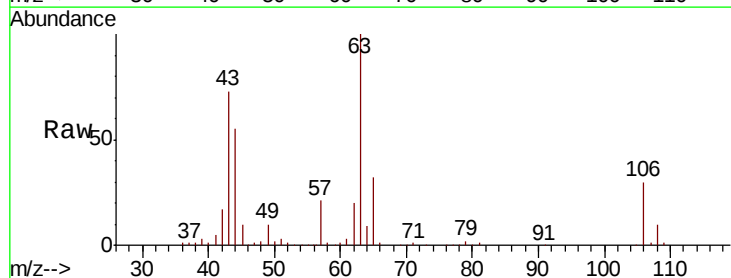
Acq: 06 Sep 2019 01:56

Tgt Ion: 63 Resp: 84694

Ion Ratio Lower Upper

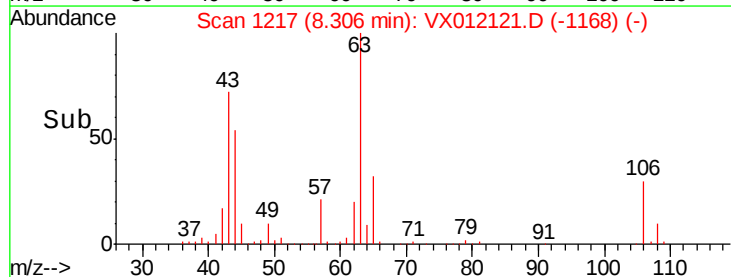
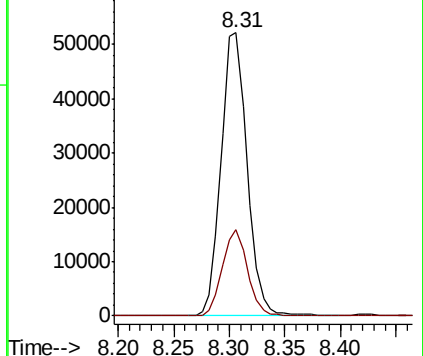
63 100

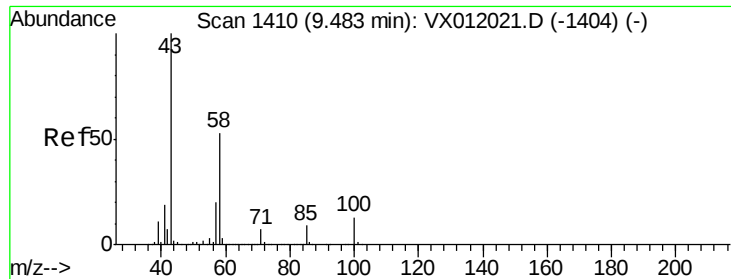
106 29.5 26.5 39.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

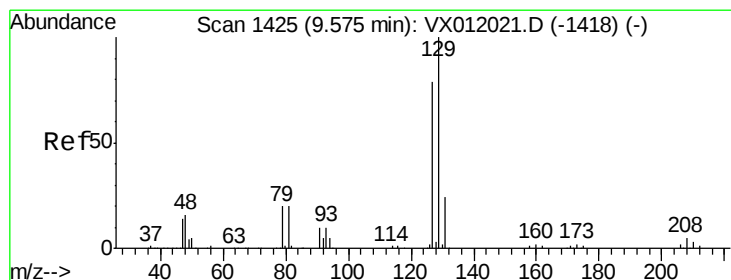
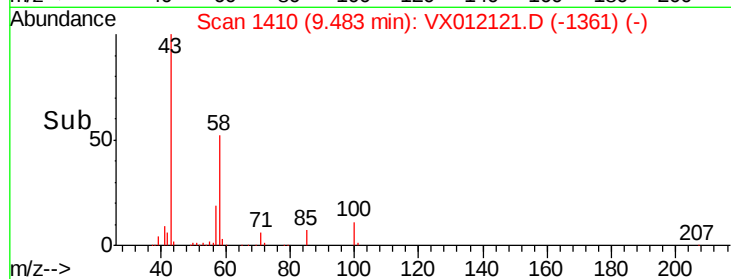
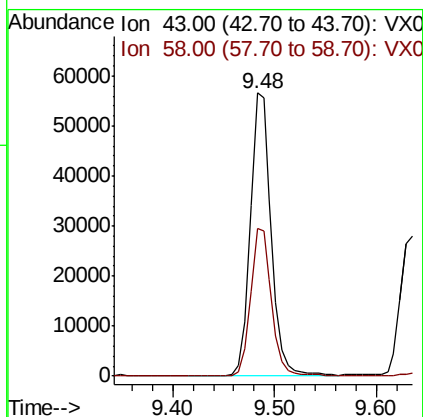
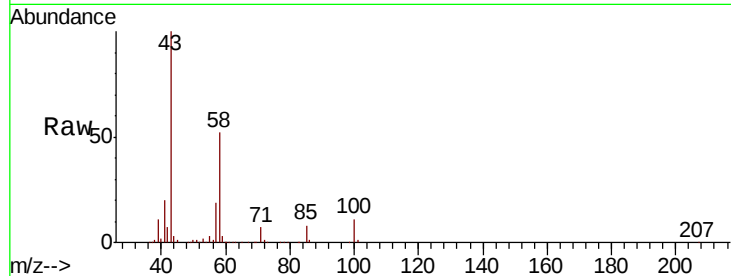




#59
 2-Hexanone
 Concen: 100.725 ug/l
 RT: 9.48 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

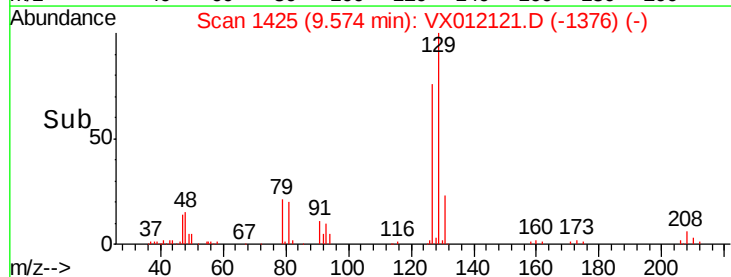
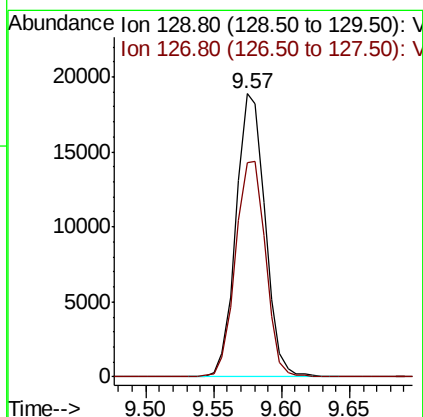
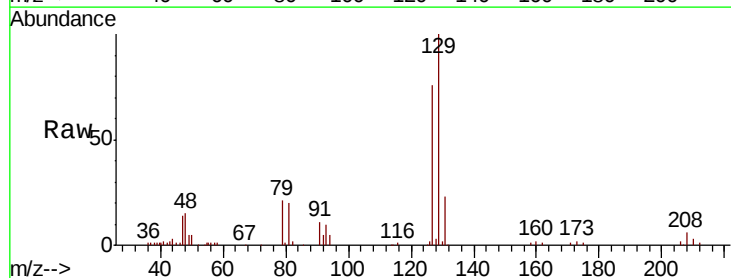
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

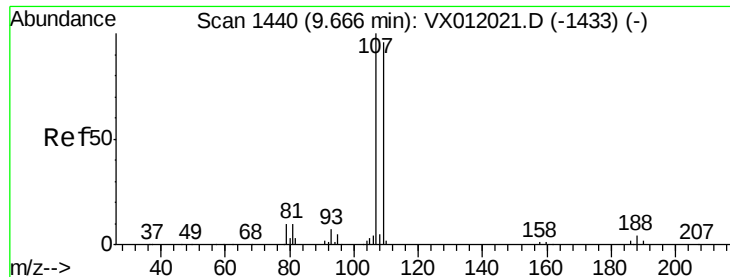
Tgt Ion: 43 Resp: 80593
 Ion Ratio Lower Upper
 43 100
 58 52.7 27.2 81.6



#60
 Dibromochloromethane
 Concen: 19.542 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

Tgt Ion: 129 Resp: 28110
 Ion Ratio Lower Upper
 129 100
 127 78.8 38.1 114.5

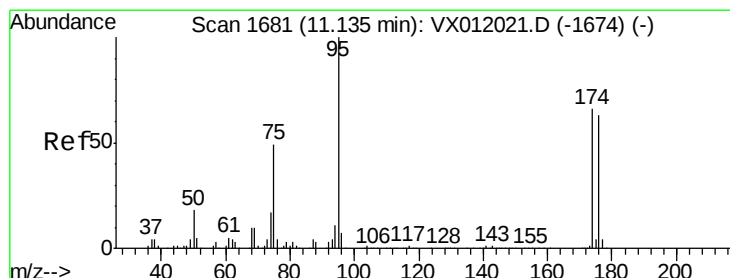
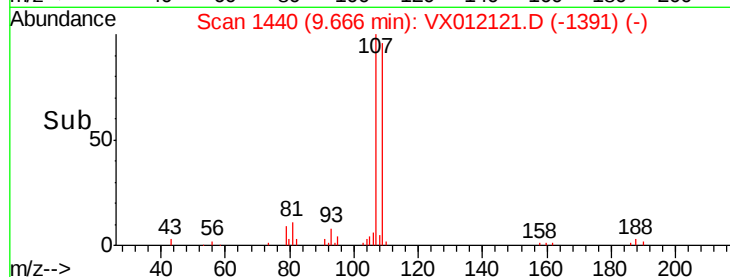
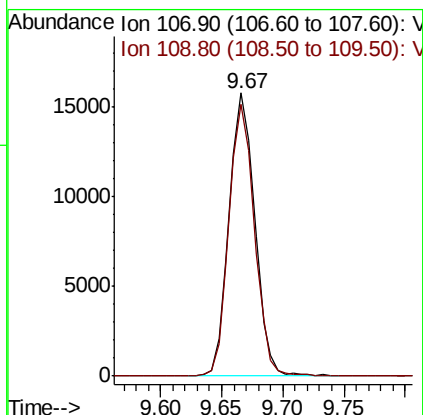
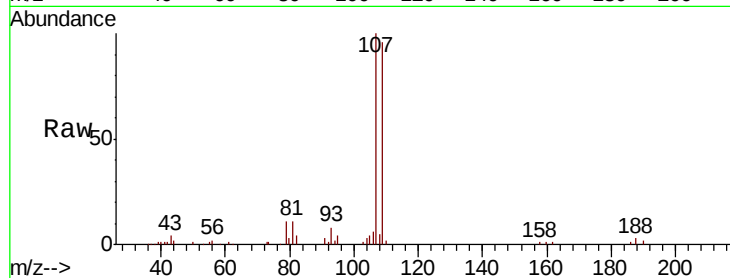




#61
 1,2-Dibromoethane
 Concen: 19.658 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

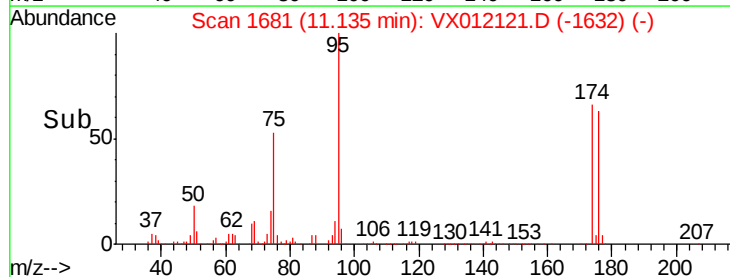
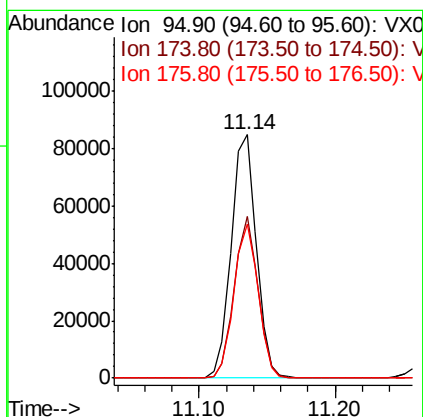
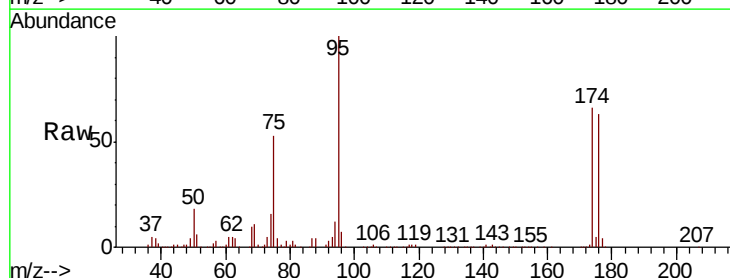
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

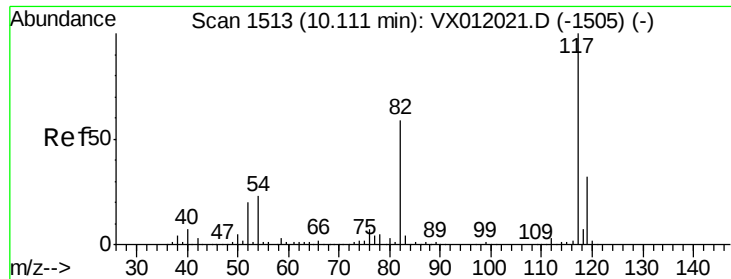
Tgt Ion: 107 Resp: 22926
 Ion Ratio Lower Upper
 107 100
 109 95.0 76.9 115.3



#62
 4-Bromofluorobenzene
 Concen: 46.861 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

Tgt Ion: 95 Resp: 108872
 Ion Ratio Lower Upper
 95 100
 174 63.2 0.0 205.4
 176 61.6 0.0 201.8

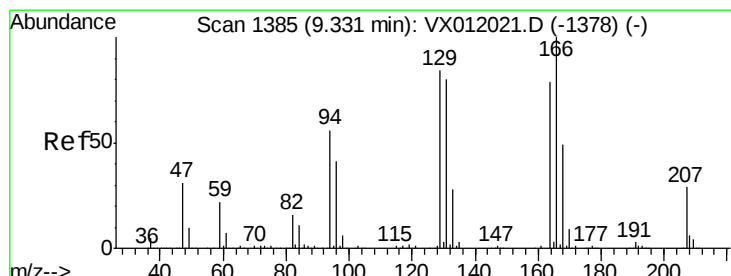
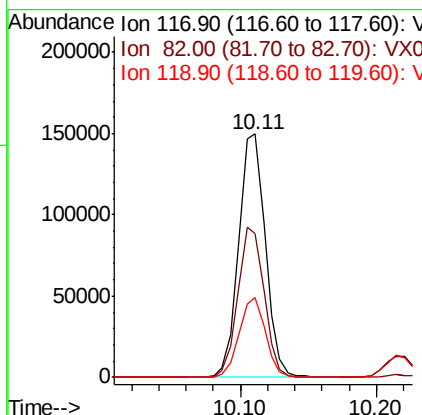
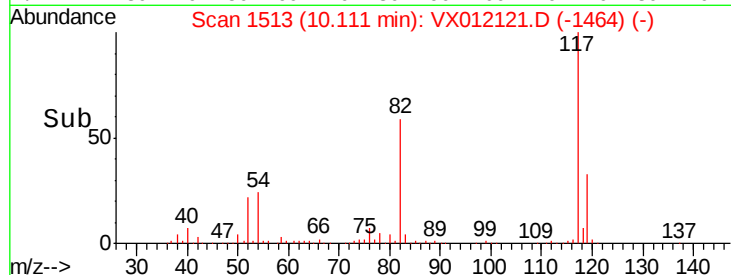
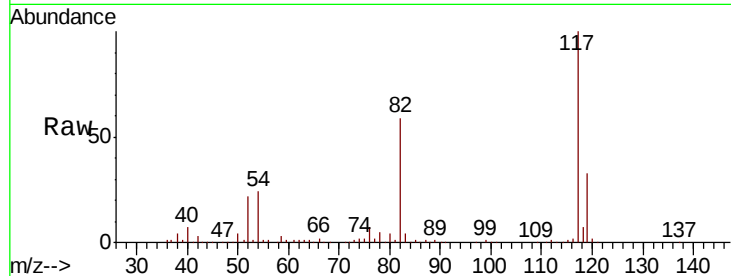




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012121.D
Acq: 06 Sep 2019 01:56

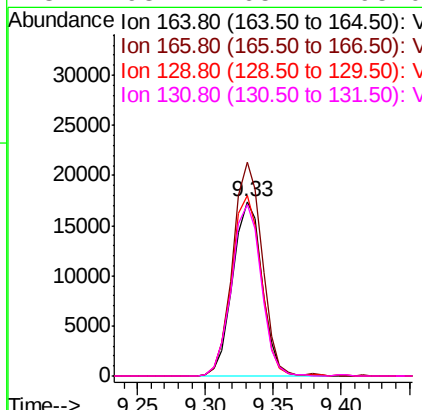
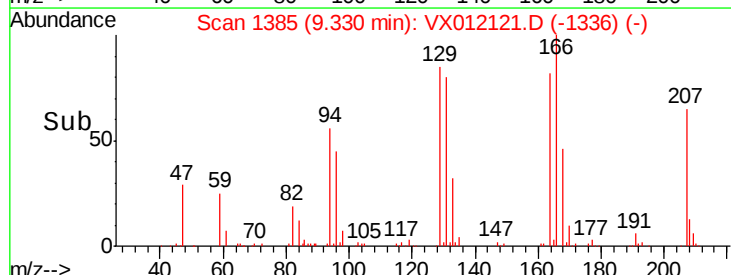
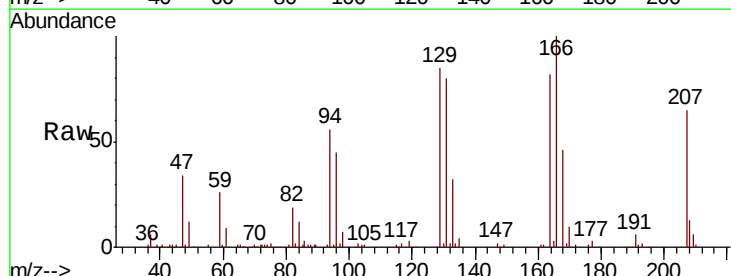
Instrument :
MSVOA_X
ClientSampleId :
VX0905SBS02

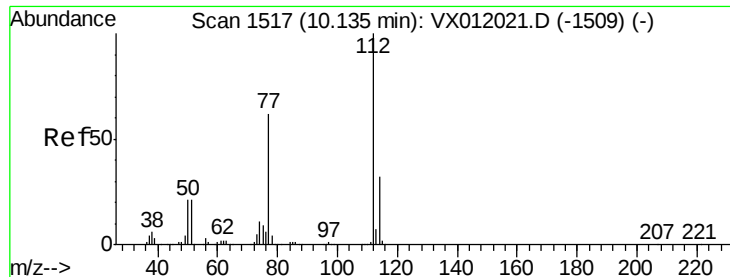
Tgt Ion:117 Resp: 204952
Ion Ratio Lower Upper
117 100
82 59.1 39.4 59.0#
119 32.6 26.1 39.1



#64
Tetrachloroethene
Concen: 20.585 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012121.D
Acq: 06 Sep 2019 01:56

Tgt Ion:164 Resp: 26302
Ion Ratio Lower Upper
164 100
166 122.4 104.3 156.5
129 103.5 68.3 102.5#
131 98.4 65.4 98.0#

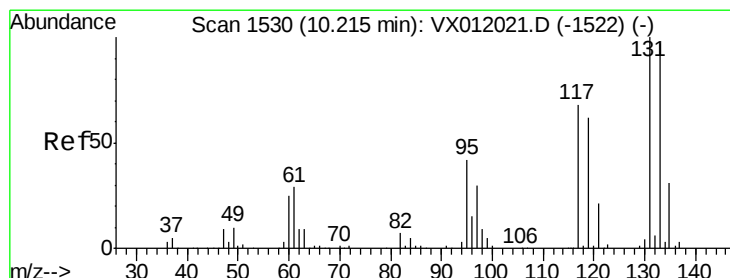
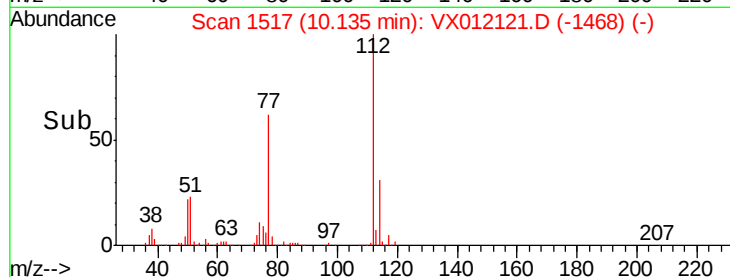
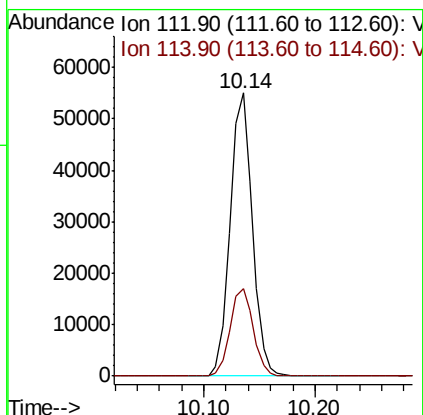
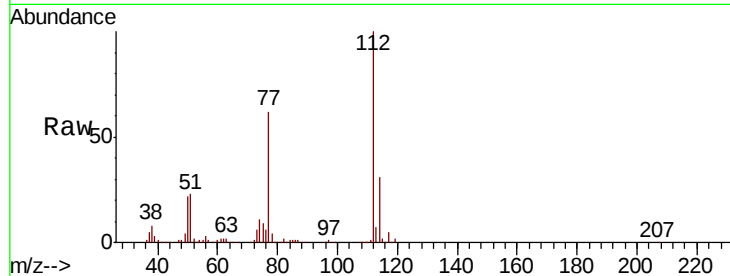




#65
Chlorobenzene
Concen: 18.737 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012121.D
Acq: 06 Sep 2019 01:56

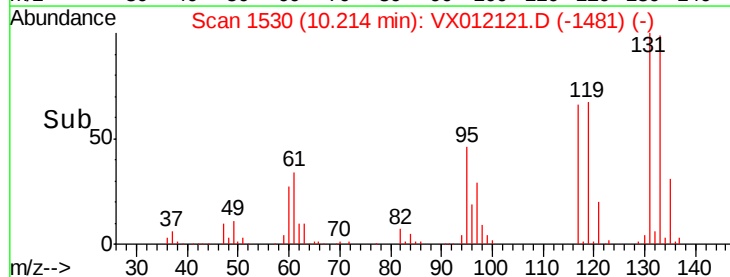
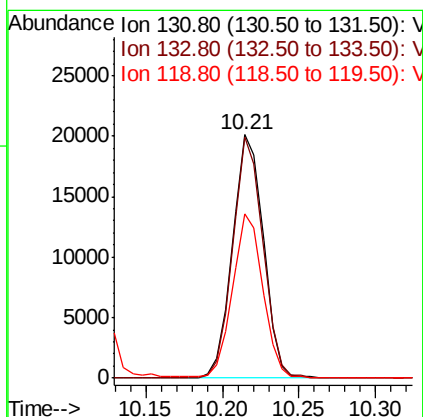
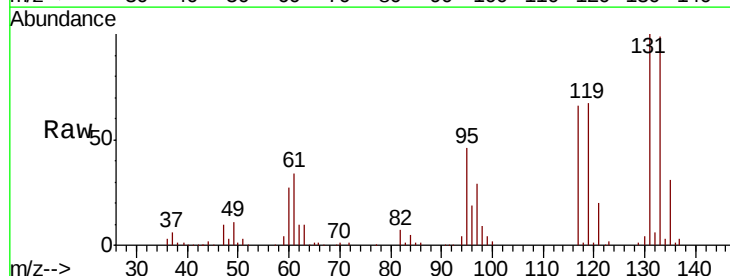
Instrument :
MSVOA_X
ClientSampleId :
VX0905SBSD02

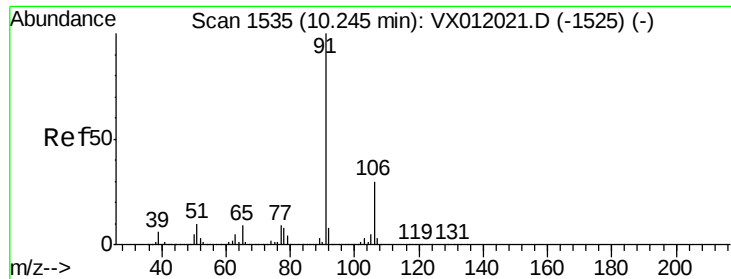
Tgt Ion:112 Resp: 75769
Ion Ratio Lower Upper
112 100
114 31.0 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.060 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012121.D
Acq: 06 Sep 2019 01:56

Tgt Ion:131 Resp: 28182
Ion Ratio Lower Upper
131 100
133 96.6 48.4 145.0
119 66.3 30.5 91.5

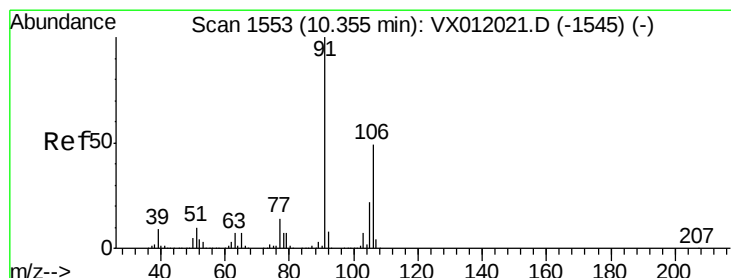
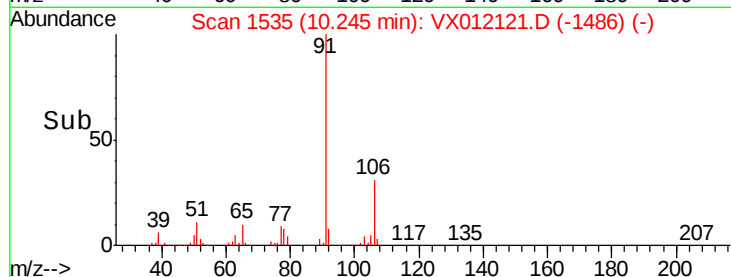
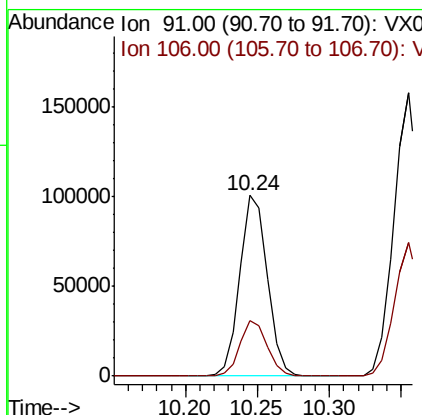
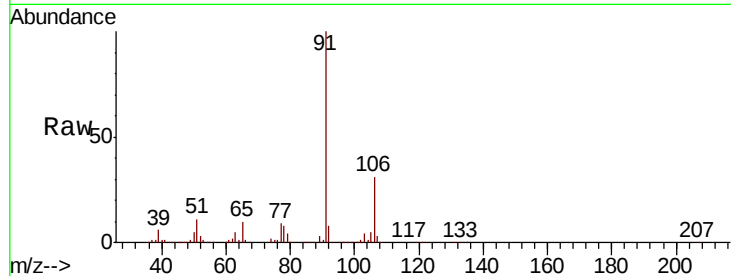




#67
Ethyl Benzene
Concen: 18.181 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012121.D
Acq: 06 Sep 2019 01:56

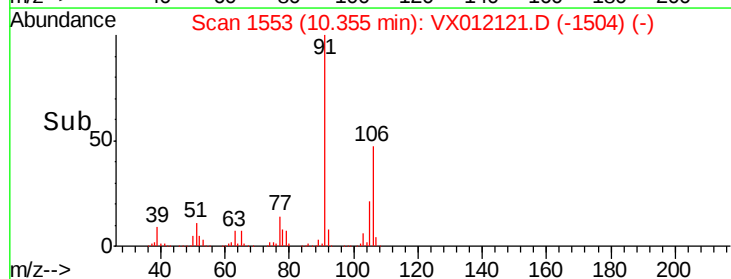
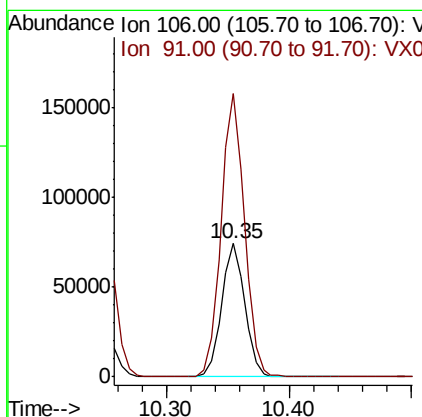
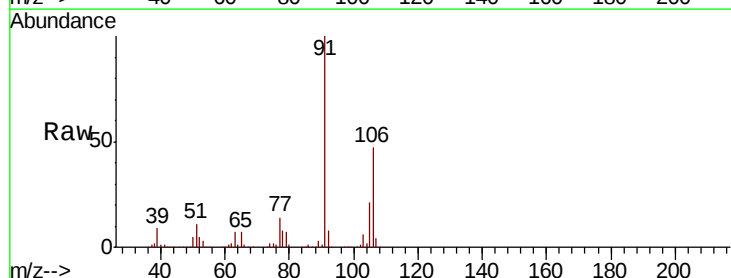
Instrument :
MSVOA_X
ClientSampleId :
VX0905SBSD02

Tgt Ion: 91 Resp: 134013
Ion Ratio Lower Upper
91 100
106 30.9 25.8 38.8



#68
m/p-Xylenes
Concen: 35.993 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012121.D
Acq: 06 Sep 2019 01:56

Tgt Ion: 106 Resp: 97751
Ion Ratio Lower Upper
106 100
91 212.9 157.5 236.3

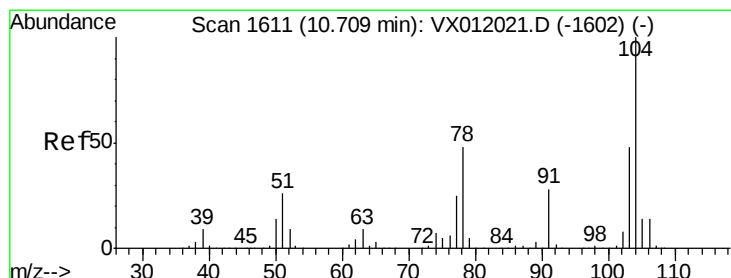
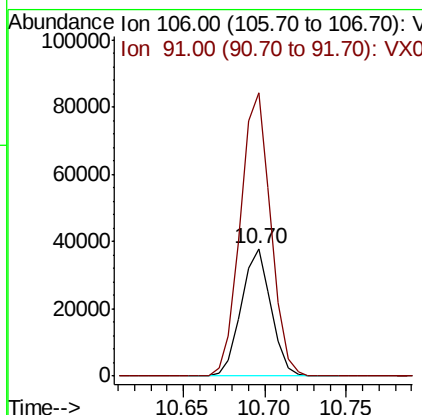
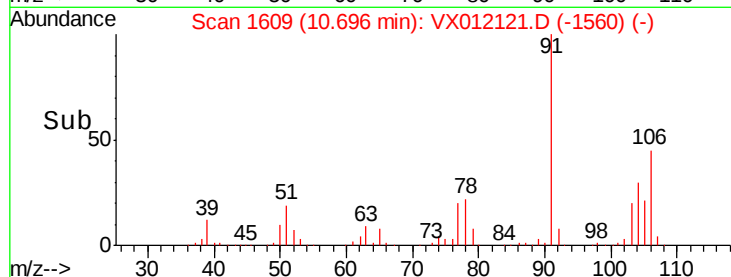
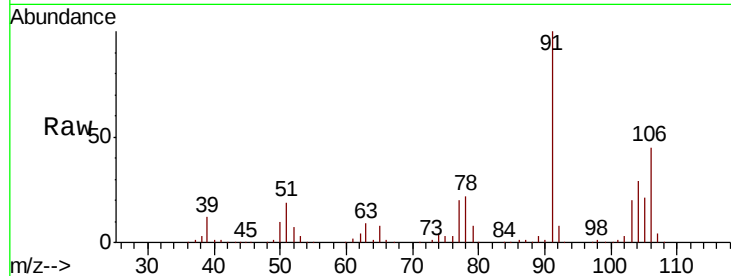




#69
o-Xylene
Concen: 18.228 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012121.D
Acq: 06 Sep 2019 01:56

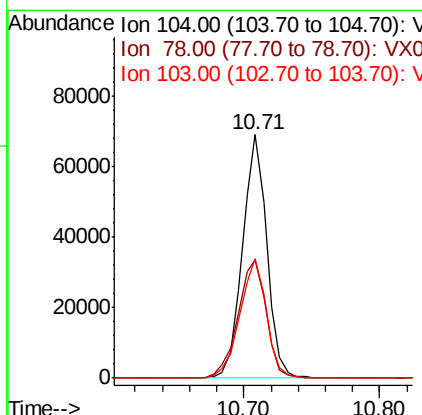
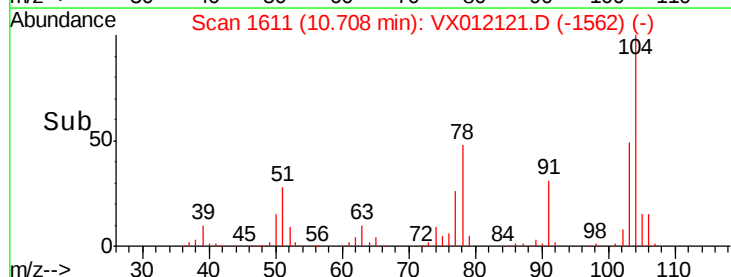
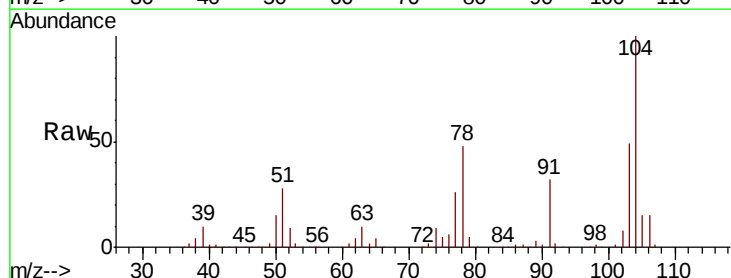
Instrument :
MSVOA_X
ClientSampleId :
VX0905SBSD02

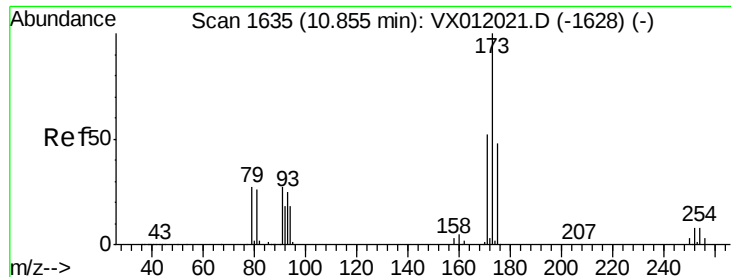
Tgt Ion:106 Resp: 48003
Ion Ratio Lower Upper
106 100
91 228.5 103.5 310.3



#70
Styrene
Concen: 18.763 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012121.D
Acq: 06 Sep 2019 01:56

Tgt Ion:104 Resp: 85825
Ion Ratio Lower Upper
104 100
78 56.4 39.1 58.7
103 53.9 43.4 65.2





#71

Bromoform

Concen: 18.187 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBSD02

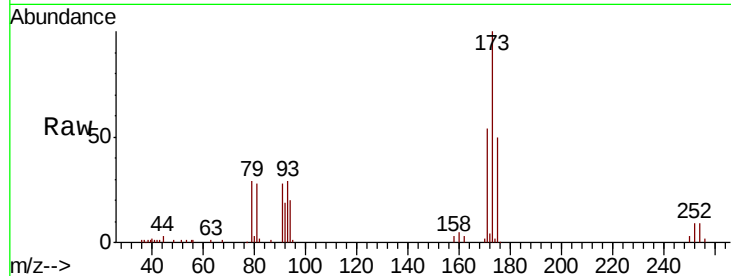
Tgt Ion:173 Resp: 14770

Ion Ratio Lower Upper

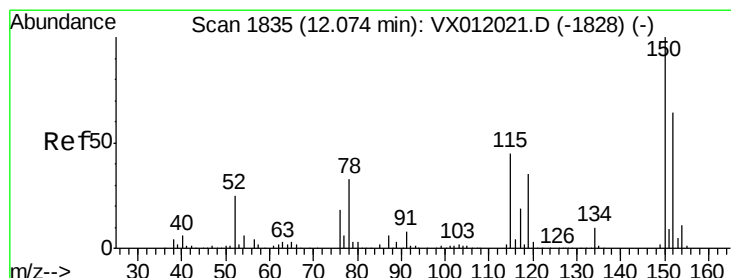
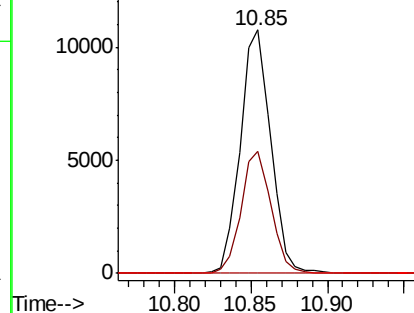
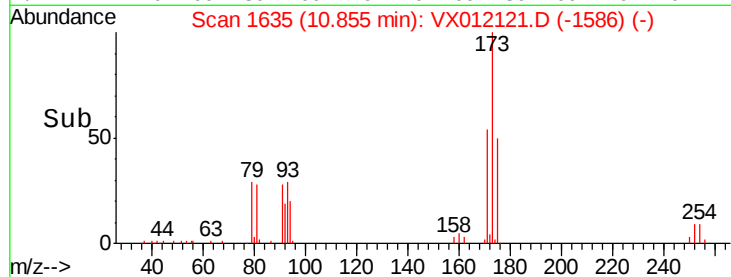
173 100

175 49.4 24.9 74.7

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

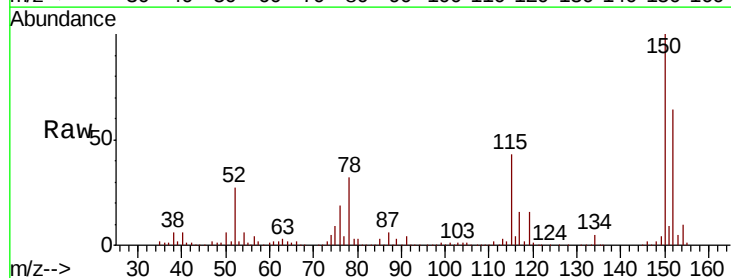
Tgt Ion:152 Resp: 98293

Ion Ratio Lower Upper

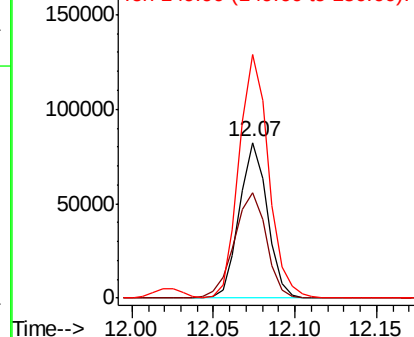
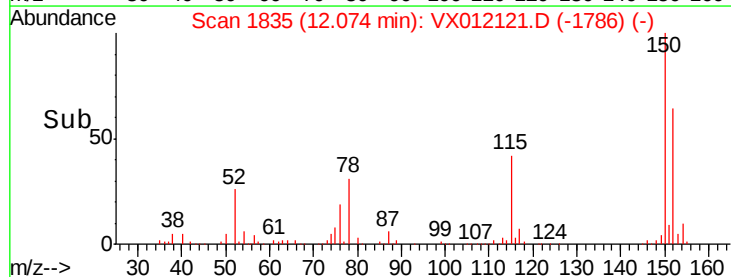
152 100

115 77.8 36.4 109.3

150 166.8 0.0 341.2



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





#73

Isopropylbenzene

Concen: 18.311 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

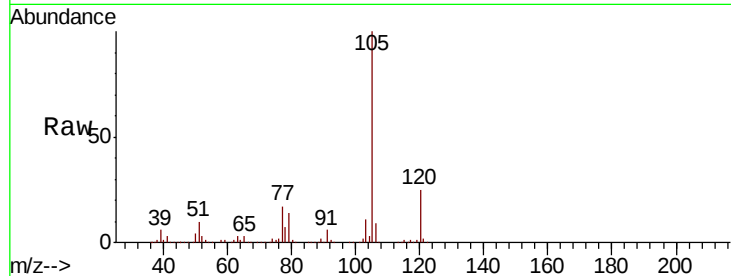
VX0905SBS02

Tgt Ion: 105 Resp: 132059

Ion Ratio Lower Upper

105 100

120 25.5 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

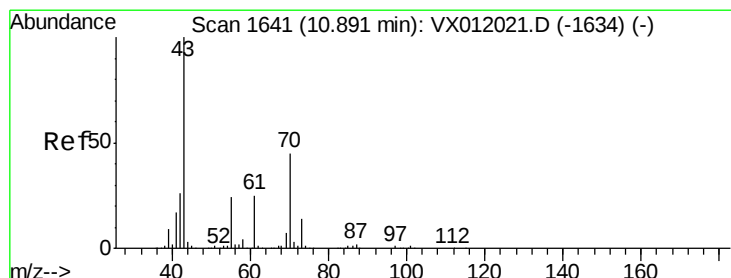
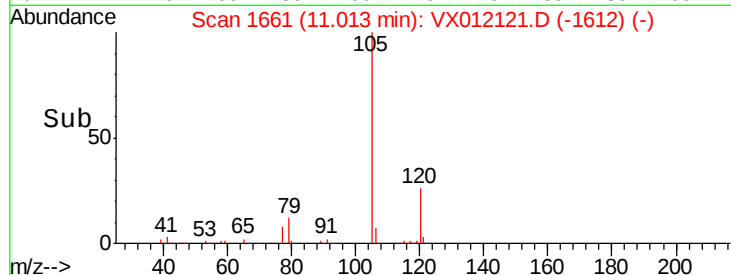
40000

20000

0

10.95 11.00 11.05

Time-->



#74

N-ethyl acetate

Concen: 19.721 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

Tgt Ion: 43 Resp: 42052

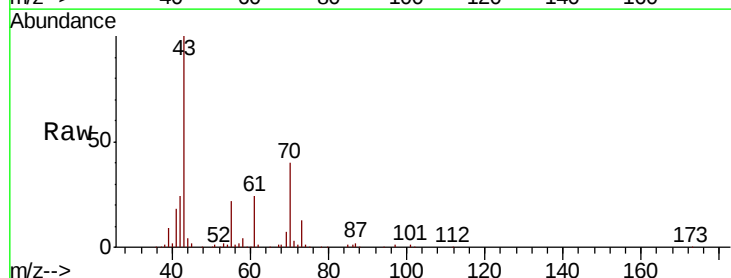
Ion Ratio Lower Upper

43 100

70 40.3 34.4 51.6

55 23.1 18.5 27.7

61 23.0 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

50000

40000

30000

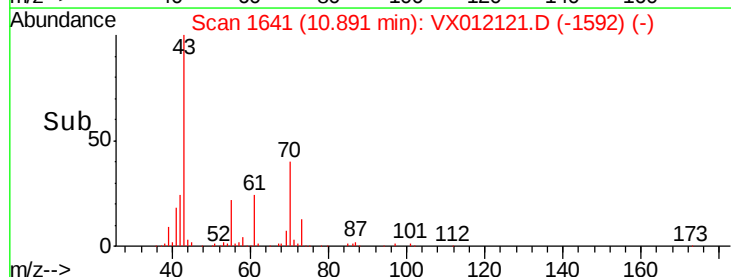
20000

10000

0

10.80 10.90 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.331 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBS02

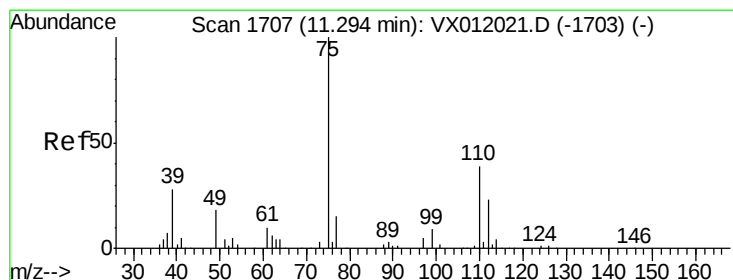
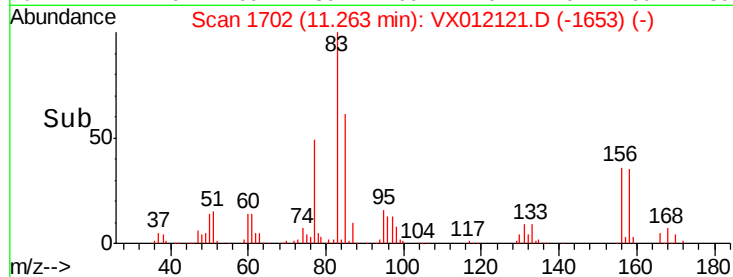
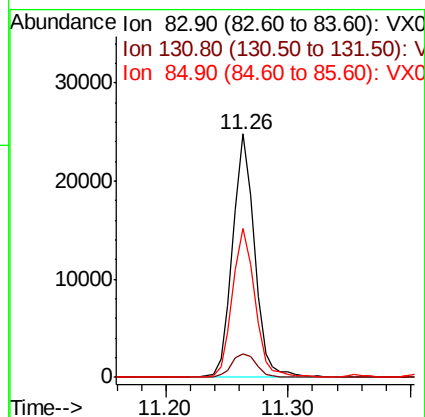
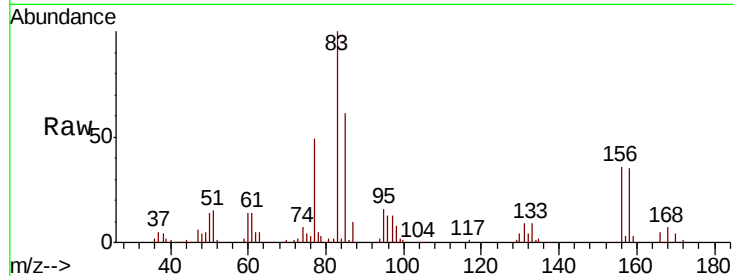
Tgt Ion: 83 Resp: 30567

Ion Ratio Lower Upper

83 100

131 10.8 6.3 19.1

85 63.2 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 27.024 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012121.D

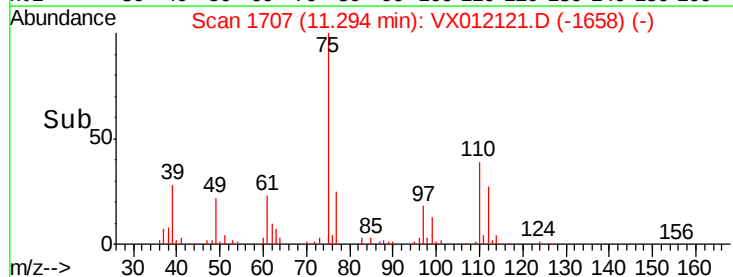
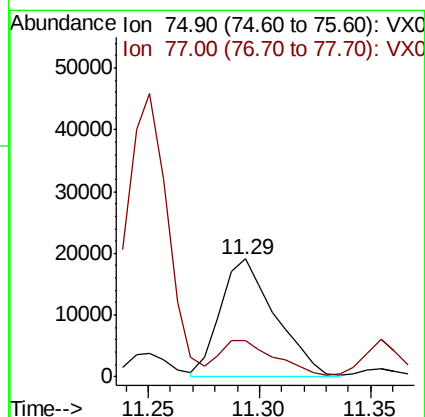
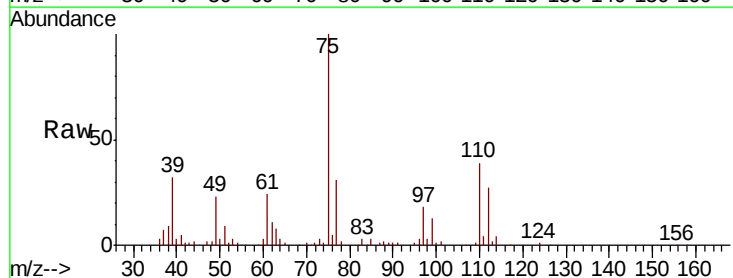
Acq: 06 Sep 2019 01:56

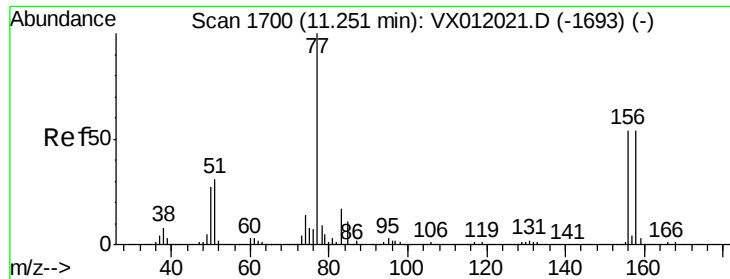
Tgt Ion: 75 Resp: 32456

Ion Ratio Lower Upper

75 100

77 31.5 23.5 70.5





#77

Bromobenzene

Concen: 19.667 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBSD02

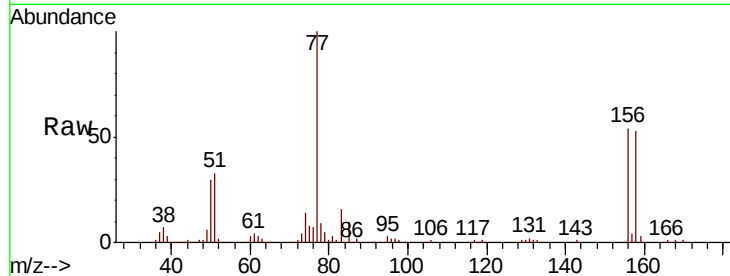
Tgt Ion:156 Resp: 31722

Ion Ratio Lower Upper

156 100

77 188.3 63.4 190.2

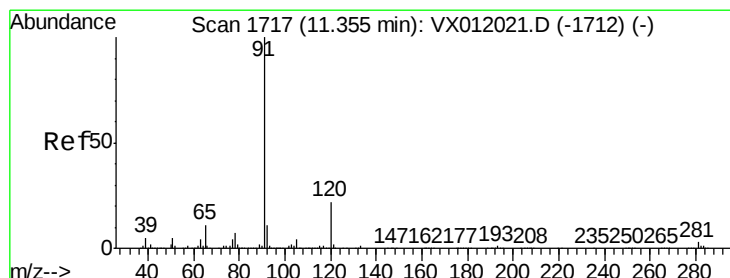
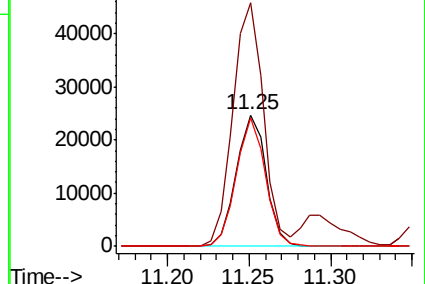
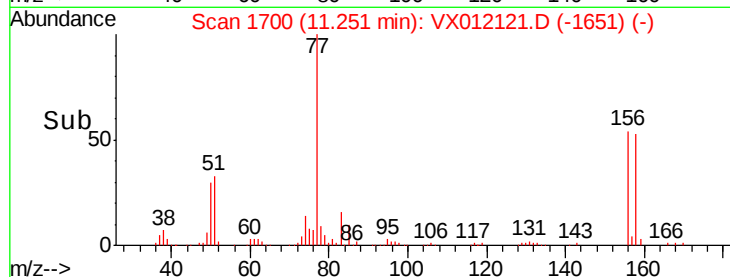
158 94.9 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.942 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012121.D

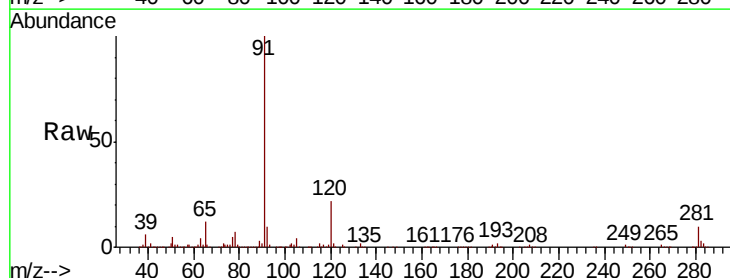
Acq: 06 Sep 2019 01:56

Tgt Ion: 91 Resp: 156324

Ion Ratio Lower Upper

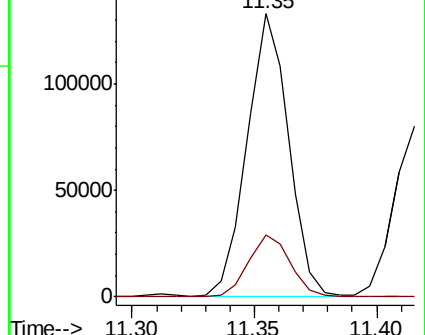
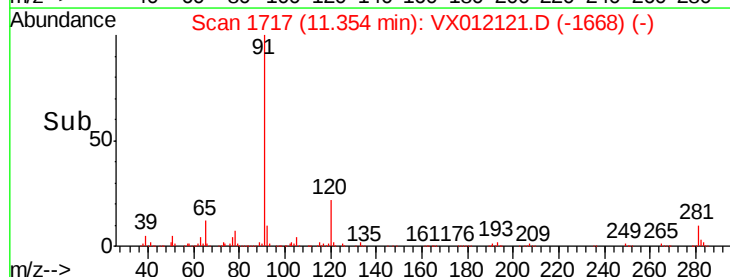
91 100

120 22.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

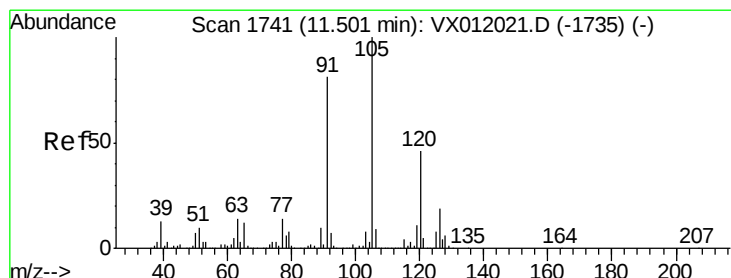
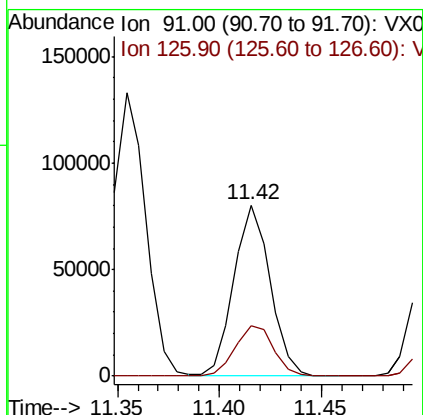
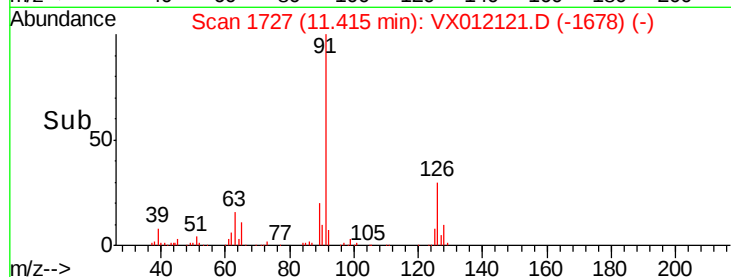
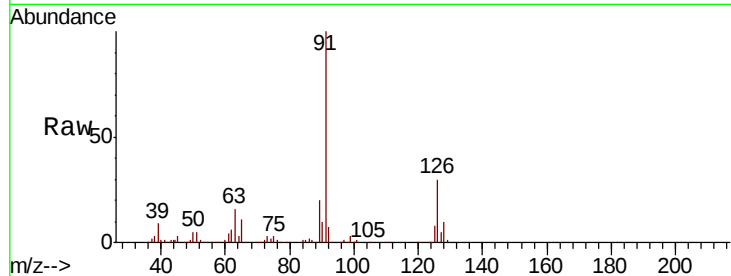




#79
 2-Chlorotoluene
 Concen: 18.773 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

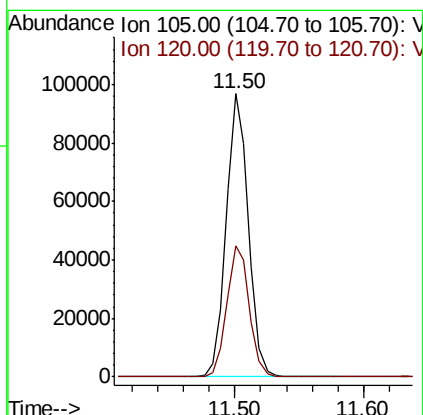
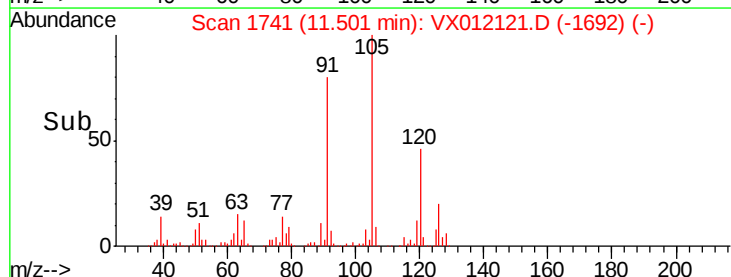
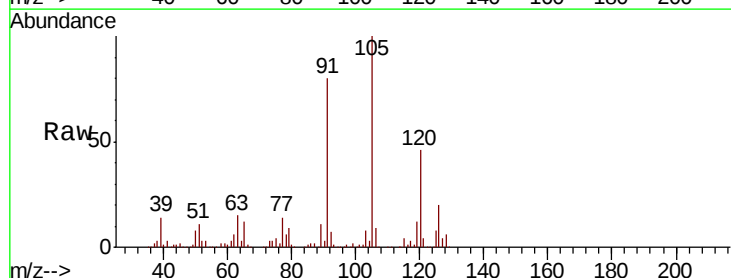
Instrument :
 MSVOA_X
 ClientSampled :
 VX0905SBS02

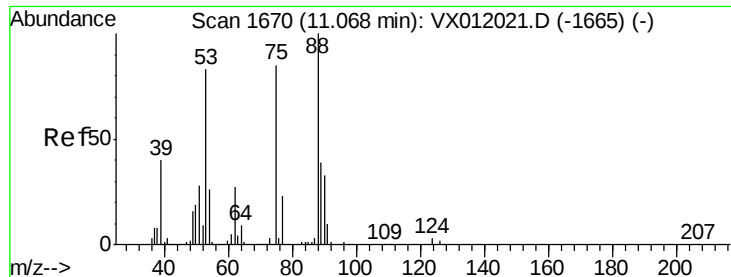
Tgt Ion: 91 Resp: 99092
 Ion Ratio Lower Upper
 91 100
 126 31.5 18.6 55.8



#80
 1,3,5-Trimethylbenzene
 Concen: 18.498 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

Tgt Ion: 105 Resp: 116911
 Ion Ratio Lower Upper
 105 100
 120 46.9 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 16.018 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBS02

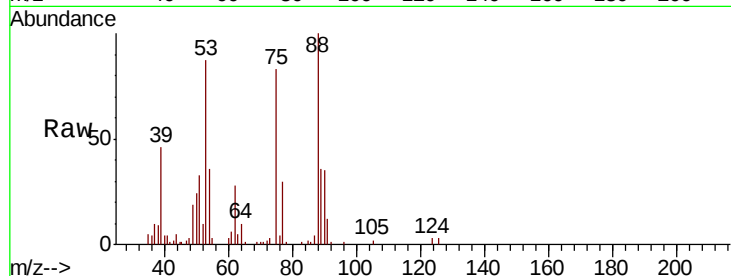
Tgt Ion: 75 Resp: 8137

Ion Ratio Lower Upper

75 100

53 112.3 78.6 117.8

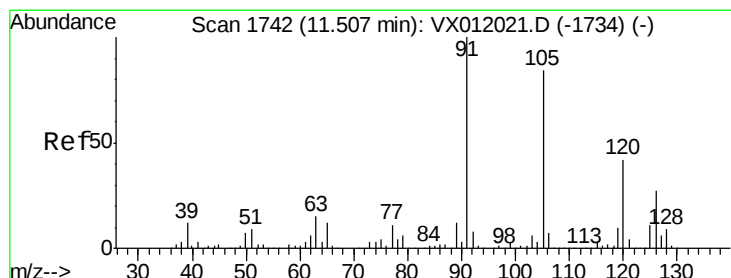
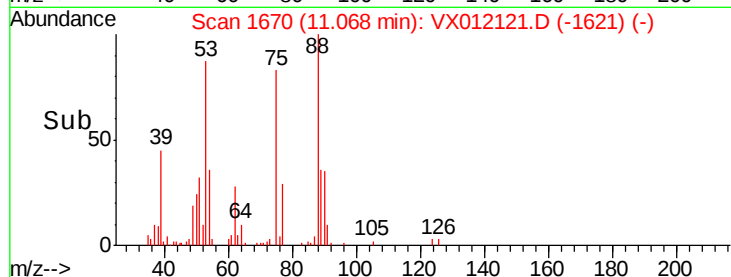
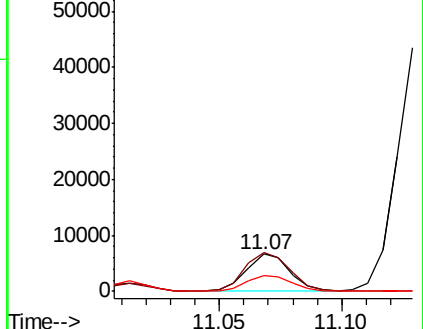
89 45.9 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.891 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012121.D

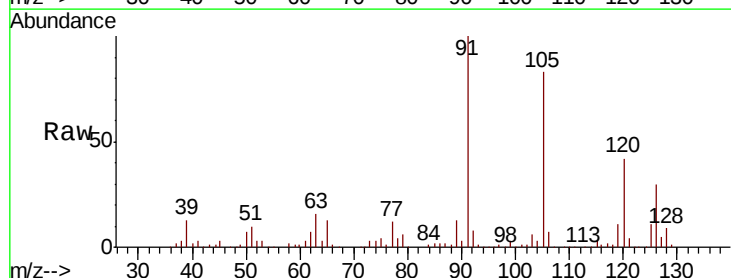
Acq: 06 Sep 2019 01:56

Tgt Ion: 91 Resp: 118854

Ion Ratio Lower Upper

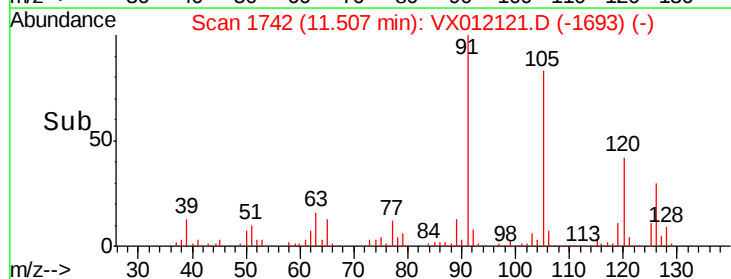
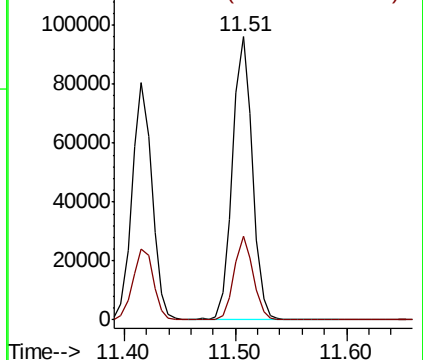
91 100

126 28.3 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

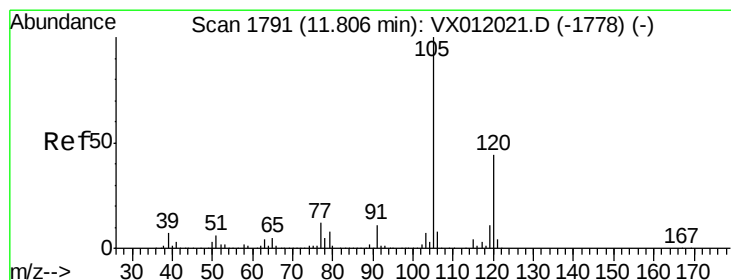
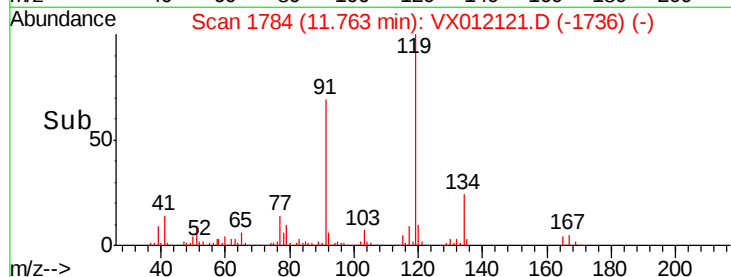
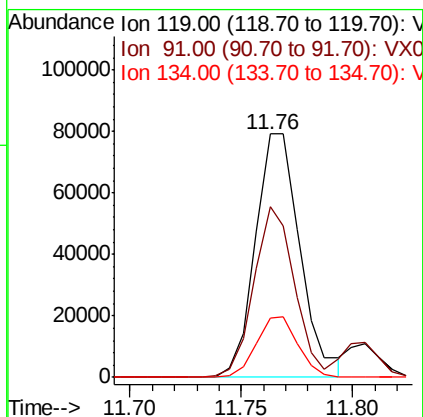
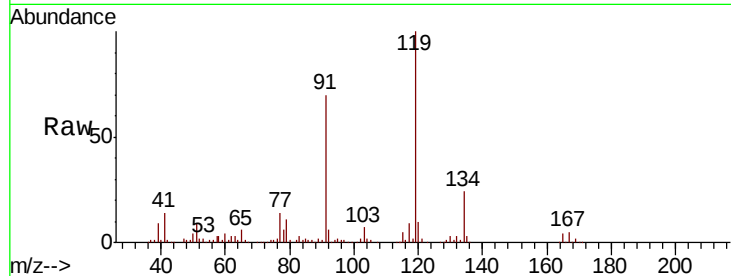




#83
 tert-Butylbenzene
 Concen: 18.323 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

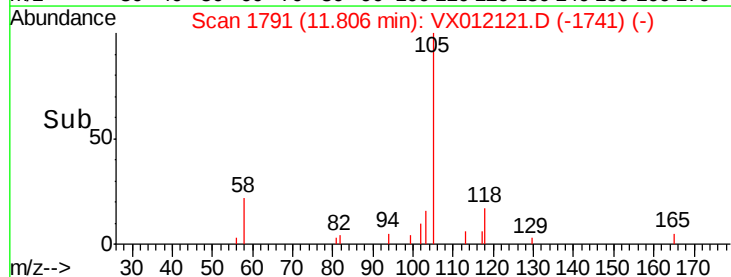
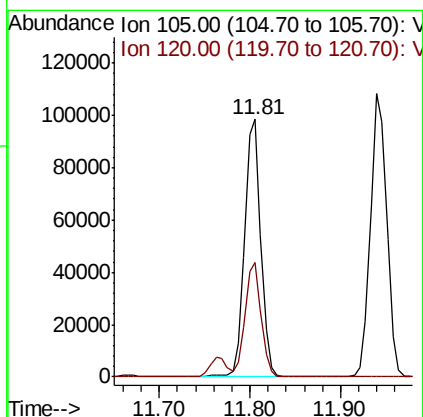
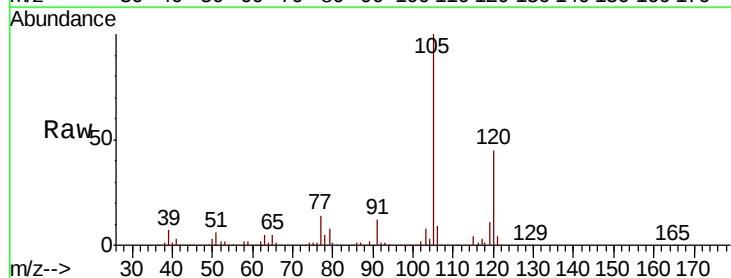
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

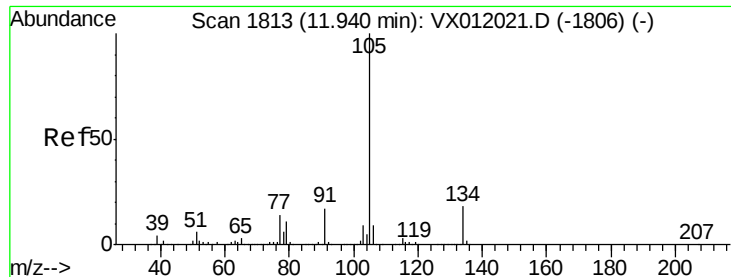
Tgt Ion:119 Resp: 110372
 Ion Ratio Lower Upper
 119 100
 91 63.9 27.1 81.2
 134 23.3 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 18.719 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

Tgt Ion:105 Resp: 121592
 Ion Ratio Lower Upper
 105 100
 120 43.8 23.6 70.8

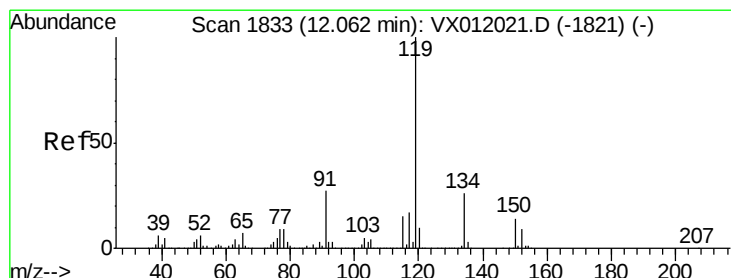
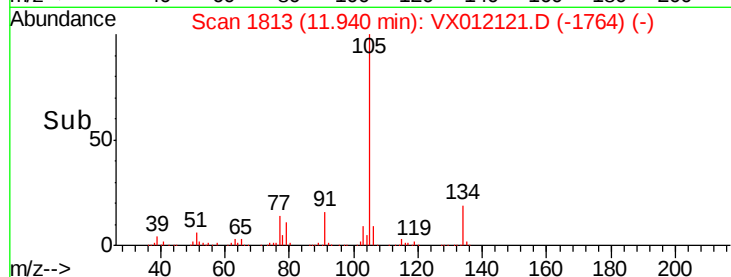
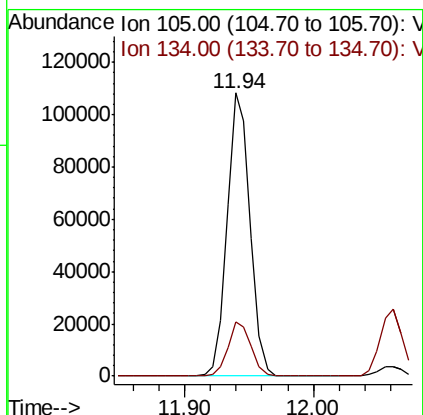
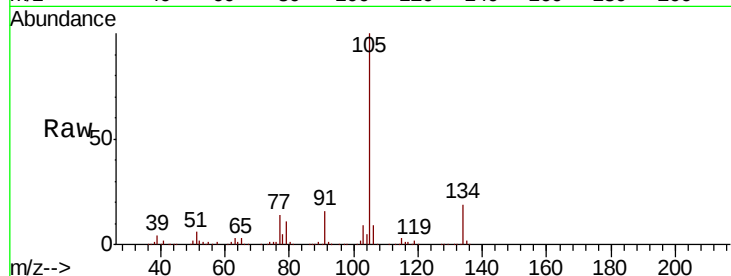




#85
 sec-Butylbenzene
 Concen: 18.018 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

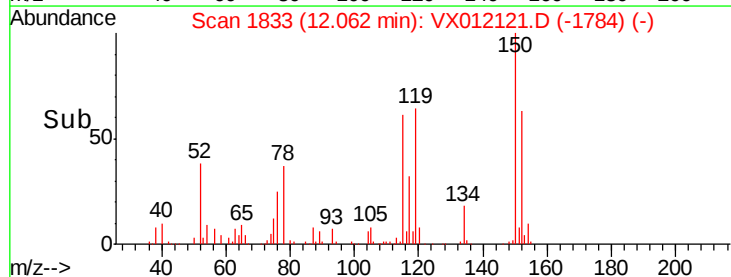
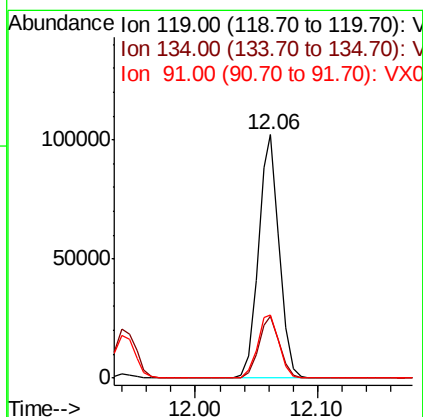
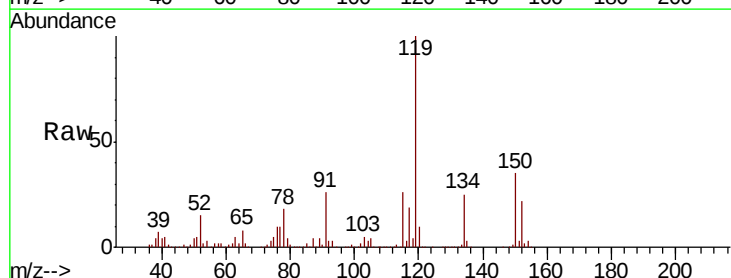
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBSD02

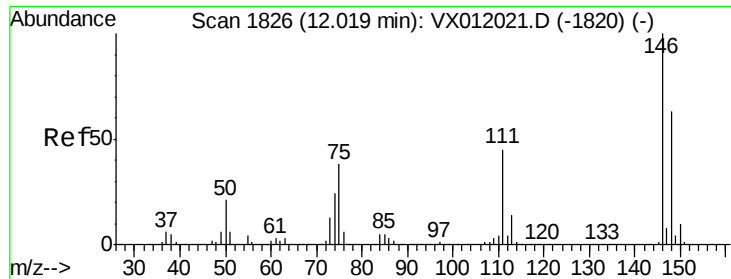
Tgt Ion:105 Resp: 134815
 Ion Ratio Lower Upper
 105 100
 134 19.1 11.2 33.6



#86
 p-Isopropyltoluene
 Concen: 17.763 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

Tgt Ion:119 Resp: 120869
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.7 41.1
 91 27.0 11.4 34.1

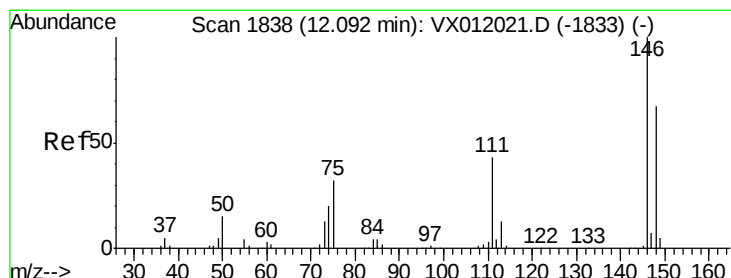
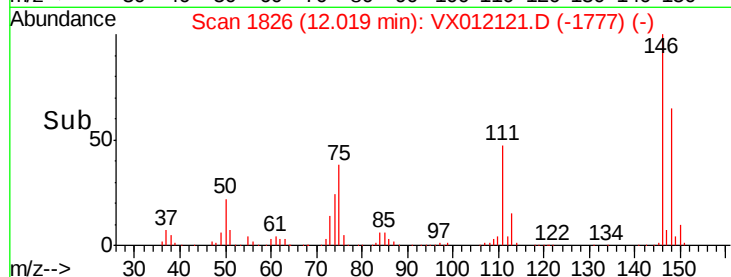
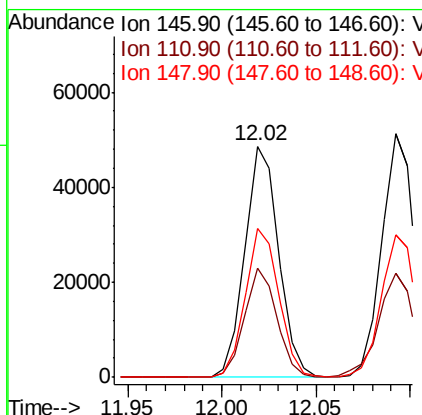
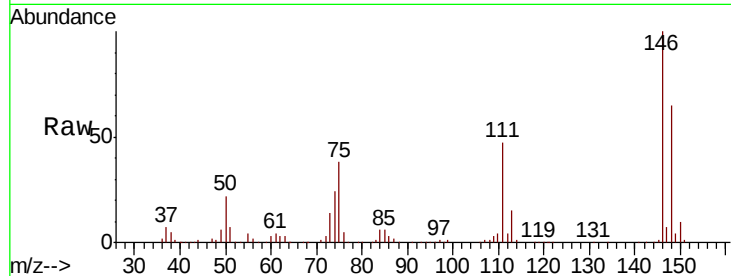




#87
 1,3-Dichlorobenzene
 Concen: 18.774 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

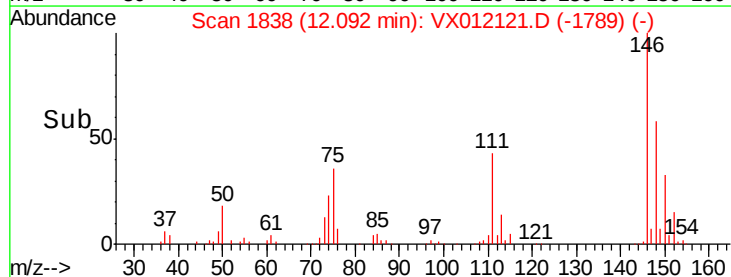
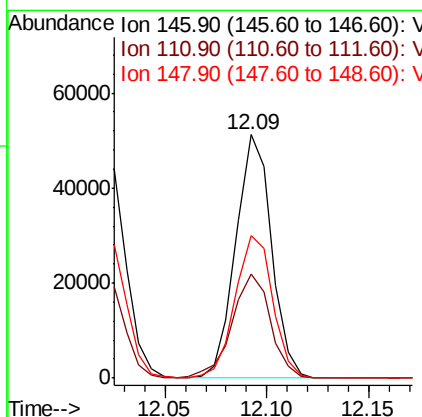
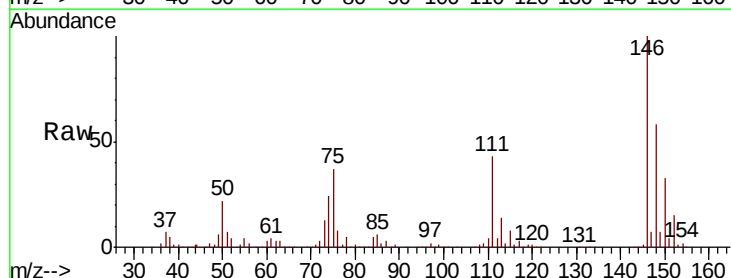
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBSD02

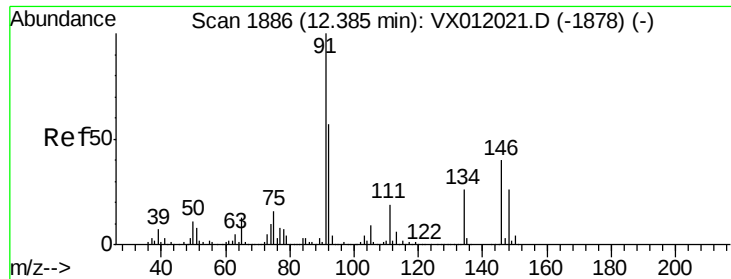
Tgt Ion:146 Resp: 60679
 Ion Ratio Lower Upper
 146 100
 111 45.4 18.1 54.1
 148 63.9 32.6 97.8



#88
 1,4-Dichlorobenzene
 Concen: 19.302 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

Tgt Ion:146 Resp: 62377
 Ion Ratio Lower Upper
 146 100
 111 46.2 17.7 53.1
 148 61.9 32.4 97.0

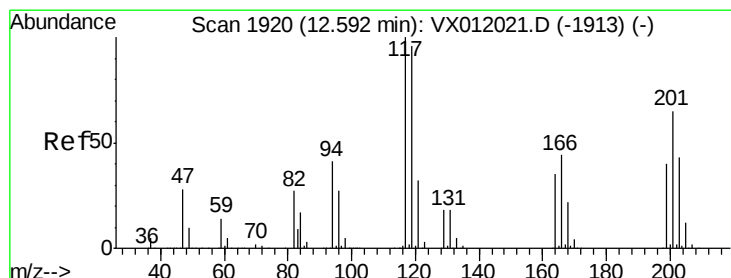
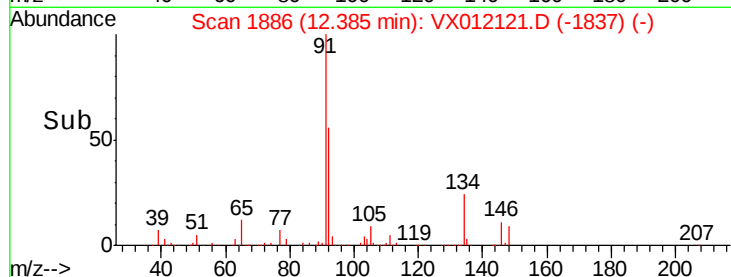
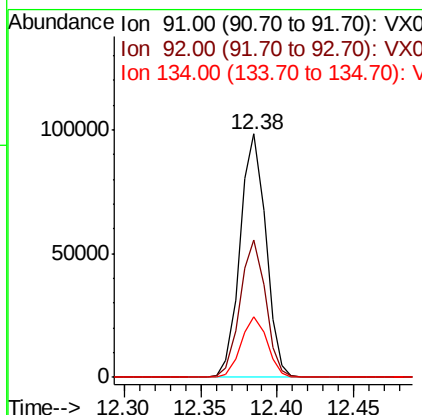
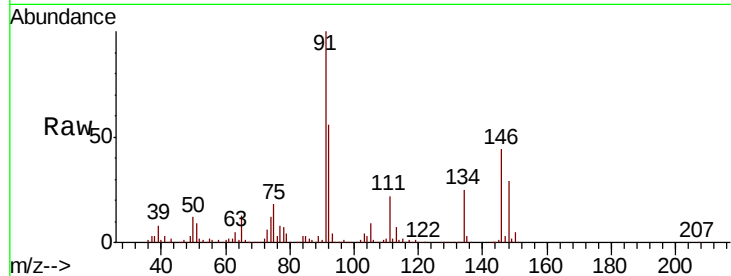




#89
n-Butylbenzene
Concen: 17.445 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012121.D
Acq: 06 Sep 2019 01:56

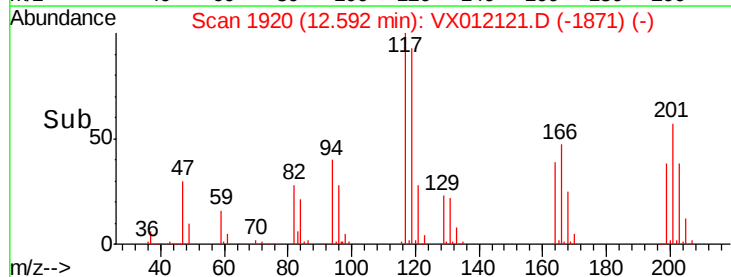
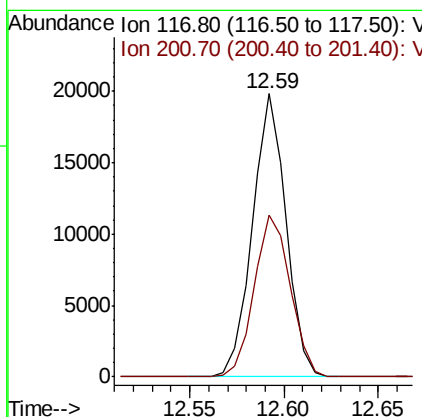
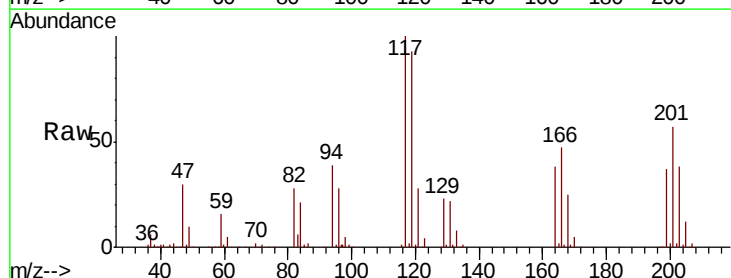
Instrument :
MSVOA_X
ClientSampled :
VX0905SBS02

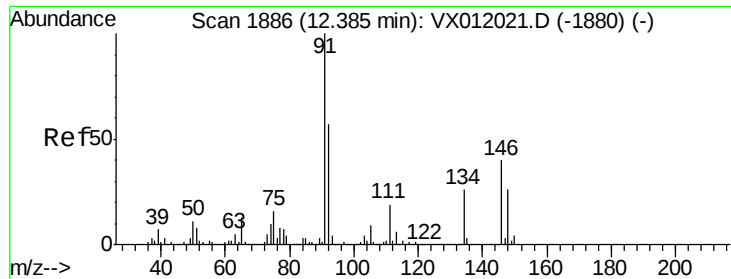
Tgt Ion: 91 Resp: 115309
Ion Ratio Lower Upper
91 100
92 55.8 27.6 82.8
134 24.9 15.4 46.1



#90
Hexachloroethane
Concen: 17.931 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012121.D
Acq: 06 Sep 2019 01:56

Tgt Ion: 117 Resp: 24361
Ion Ratio Lower Upper
117 100
201 61.9 55.0 165.2





#91

1,2-Dichlorobenzene

Concen: 19.696 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBS02

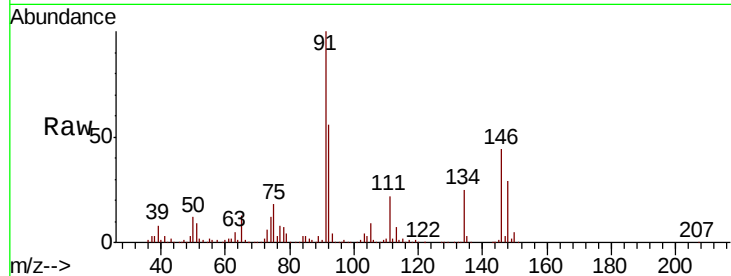
Tgt Ion:146 Resp: 57331

Ion Ratio Lower Upper

146 100

111 47.6 18.6 56.0

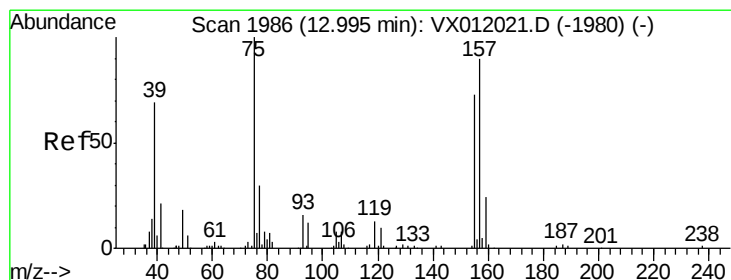
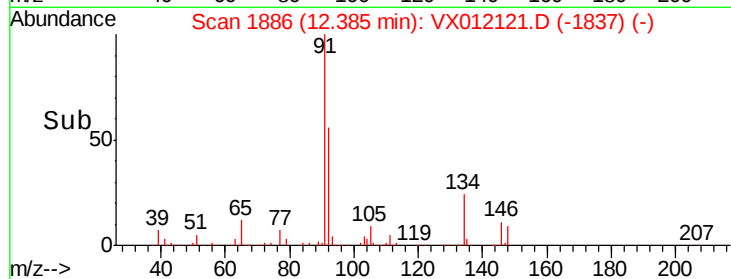
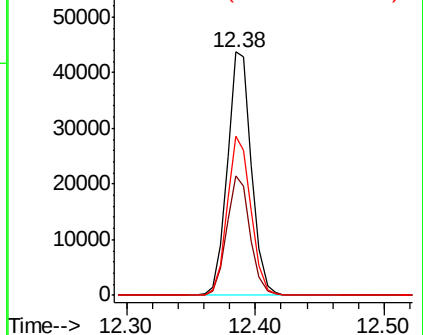
148 64.1 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.428 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012121.D

Acq: 06 Sep 2019 01:56

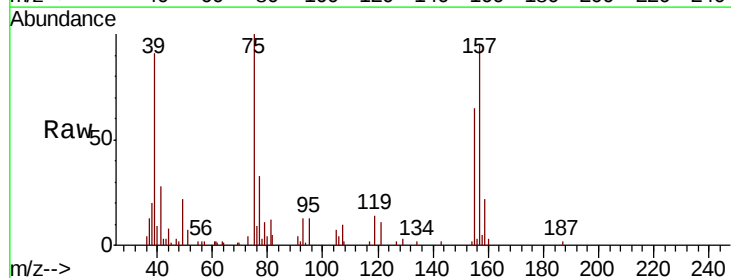
Tgt Ion: 75 Resp: 5798

Ion Ratio Lower Upper

75 100

155 69.2 51.7 155.2

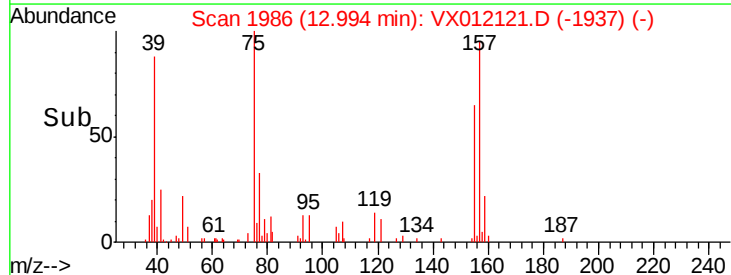
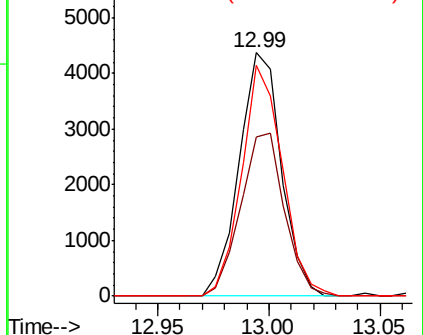
157 91.3 66.9 200.7

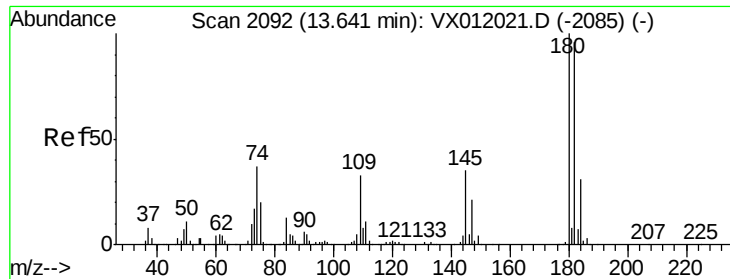


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

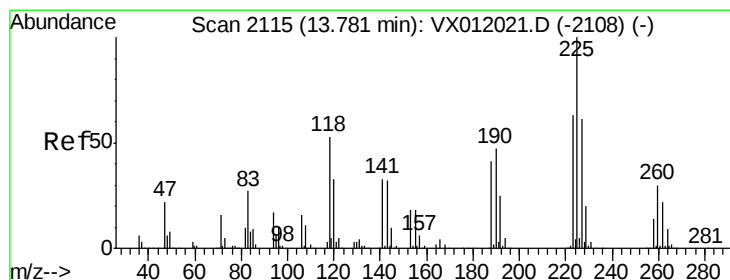
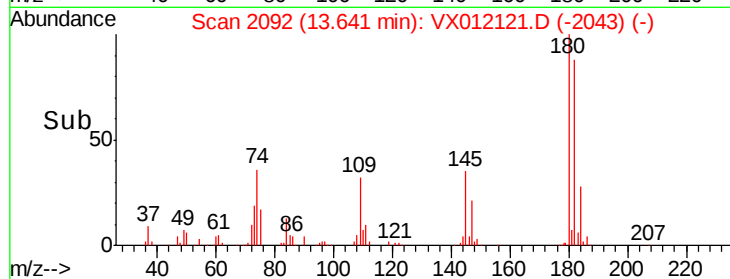
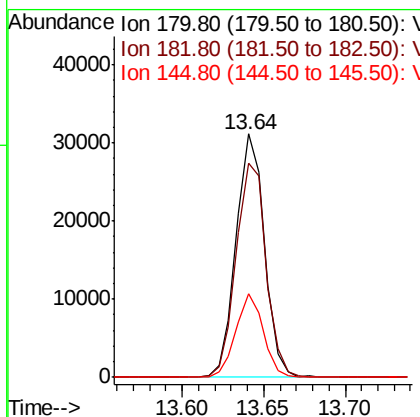
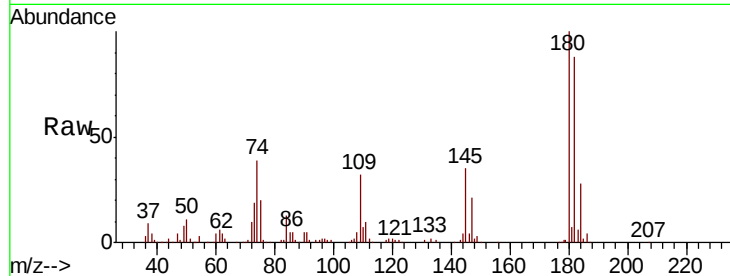




#93
 1,2,4-Trichlorobenzene
 Concen: 18.237 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

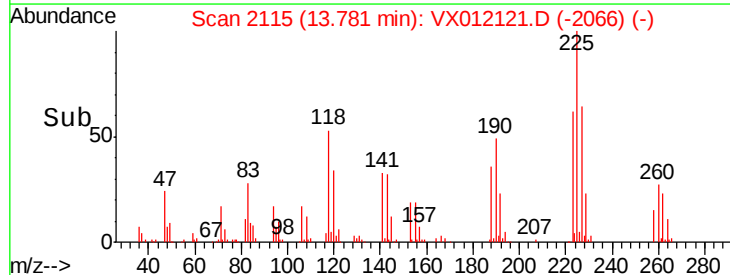
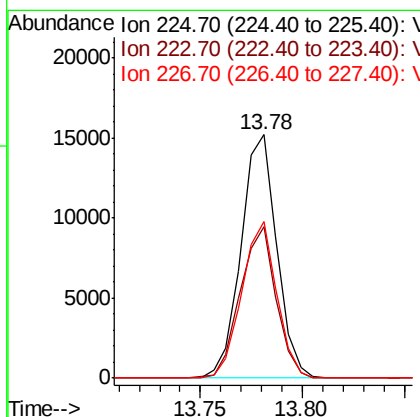
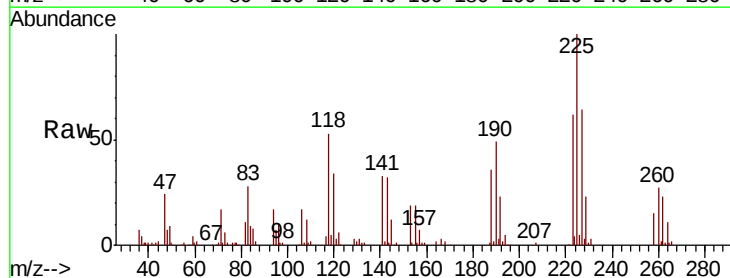
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS02

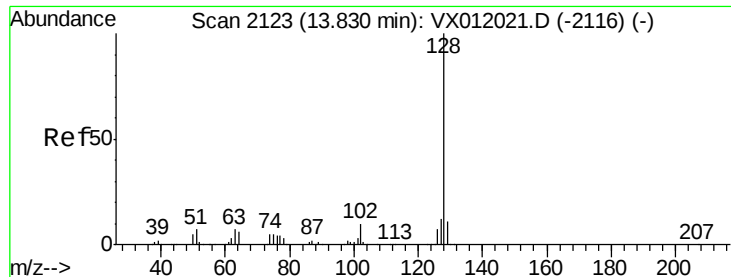
Tgt Ion:180 Resp: 37785
 Ion Ratio Lower Upper
 180 100
 182 92.9 47.3 142.0
 145 33.5 13.7 41.0



#94
 Hexachlorobutadiene
 Concen: 17.699 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012121.D
 Acq: 06 Sep 2019 01:56

Tgt Ion:225 Resp: 18484
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.6 95.0
 227 63.1 32.5 97.5

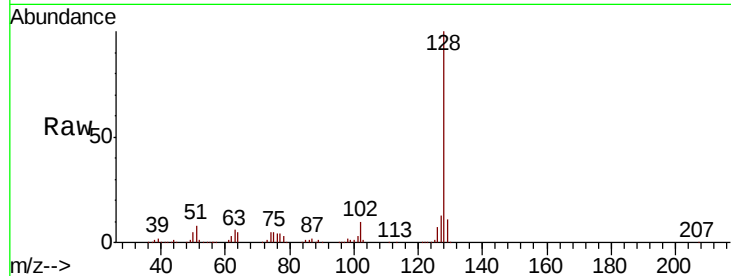




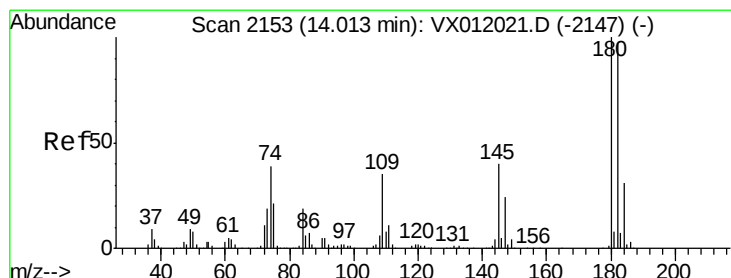
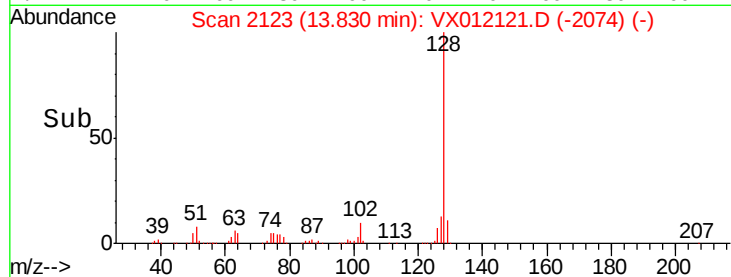
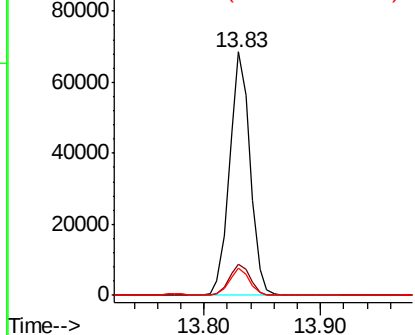
#95
Naphthalene
Concen: 18.659 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012121.D
Acq: 06 Sep 2019 01:56

Instrument :
MSVOA_X
ClientSampleId :
VX0905SBSD02

Tgt Ion:128 Resp: 83667
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.0 8.8 13.2

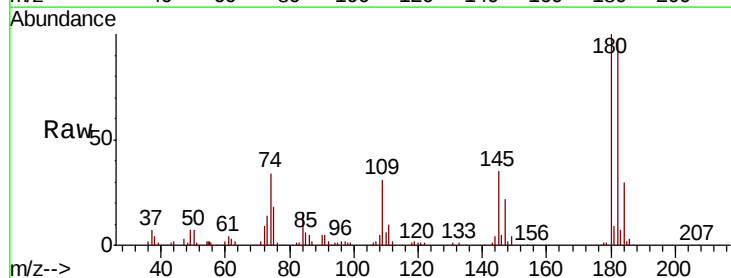


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.376 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX012121.D
Acq: 06 Sep 2019 01:56

Tgt Ion:180 Resp: 33495
Ion Ratio Lower Upper
180 100
182 95.1 47.9 143.6
145 38.3 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

