

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050919\
 Data File : VX009416.D
 Acq On : 09 May 2019 10:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 10 07:04:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	174273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	271554	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129020	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	114147	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
35) Dibromofluoromethane	5.49	113	86110	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
50) Toluene-d8	8.71	98	346652	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.13	95	129371	51.66	ug/l	0.00
Spiked Amount			Recovery	=	103.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	79414	49.450	ug/l	100
3) Chloromethane	1.32	50	112700	51.402	ug/l	98
4) Vinyl Chloride	1.41	62	112425	52.584	ug/l	98
5) Bromomethane	1.64	94	59963	46.727	ug/l	97
6) Chloroethane	1.71	64	70716	51.517	ug/l	97
7) Trichlorofluoromethane	1.93	101	140081	53.901	ug/l	97
8) Diethyl Ether	2.19	74	63679	51.728	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	86428	52.958	ug/l	98
10) Methyl Iodide	2.51	142	97562	51.318	ug/l	100
11) Tert butyl alcohol	3.05	59	133146	241.781	ug/l	100
12) 1,1-Dichloroethene	2.37	96	86671	53.004	ug/l	96
13) Acrolein	2.29	56	101180	202.879	ug/l	98
14) Allyl chloride	2.73	41	201877	50.660	ug/l	99
15) Acrylonitrile	3.14	53	327650	243.339	ug/l	99
16) Acetone	2.45	43	330940	259.063	ug/l	100
17) Carbon Disulfide	2.57	76	258102	56.220	ug/l	100
18) Methyl Acetate	2.77	43	138615	45.627	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	325154	51.207	ug/l	100
20) Methylene Chloride	2.85	84	104671	50.606	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	94310	53.181	ug/l	99
22) Diisopropyl ether	3.85	45	393643	51.366	ug/l	98
23) Vinyl Acetate	3.81	43	1753964	267.276	ug/l	100
24) 1,1-Dichloroethane	3.70	63	191749	50.720	ug/l	100
25) 2-Butanone	4.67	43	506511	255.154	ug/l	99
26) 2,2-Dichloropropane	4.58	77	144820	51.464	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	109982	51.959	ug/l	99
28) Bromochloromethane	5.01	49	66899	43.609	ug/l	100
29) Tetrahydrofuran	5.12	42	320331	250.765	ug/l	99
30) Chloroform	5.21	83	178433	52.185	ug/l	98
31) Cyclohexane	5.57	56	191666	54.493	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	147999	51.996	ug/l	100
36) 1,1-Dichloropropene	5.79	75	140401	55.635	ug/l	100
37) Ethyl Acetate	4.83	43	184004	52.332	ug/l	99
38) Carbon Tetrachloride	5.78	117	125878	54.900	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181683	58.623	ug/l	98
40) Benzene	6.14	78	423676	54.247	ug/l	99
41) Methacrylonitrile	5.04	41	102869	49.148	ug/l	98
42) 1,2-Dichloroethane	6.19	62	150554	53.739	ug/l	100
43) Isopropyl Acetate	6.44	43	294954	52.444	ug/l	100
44) Trichloroethene	7.21	130	102697	54.392	ug/l	93
45) 1,2-Dichloropropane	7.51	63	117723	53.232	ug/l	97
46) Dibromomethane	7.66	93	68186	53.095	ug/l	98
47) Bromodichloromethane	7.90	83	137466	53.662	ug/l	99
48) Methyl methacrylate	7.77	41	148314	53.153	ug/l	100
49) 1,4-Dioxane	7.74	88	57678	1019.281	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	958055	260.618	ug/l	100
52) Toluene	8.78	92	262758	55.346	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	162345	56.132	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	178371	55.720	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	103049	53.204	ug/l	98
56) Ethyl methacrylate	9.18	69	186819	54.035	ug/l	99
57) 1,3-Dichloropropane	9.37	76	181247	53.177	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	457703	249.546	ug/l	100
59) 2-Hexanone	9.49	43	776407	268.917	ug/l	100
60) Dibromochloromethane	9.58	129	104177	55.071	ug/l	99
61) 1,2-Dibromoethane	9.67	107	106735	54.592	ug/l	100
64) Tetrachloroethene	9.34	164	93555	54.878	ug/l	97
65) Chlorobenzene	10.13	112	271228	54.555	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	96491	53.534	ug/l	99
67) Ethyl Benzene	10.25	91	508965	55.626	ug/l	100
68) m/p-Xylenes	10.36	106	378694	113.259	ug/l	100
69) o-Xylene	10.69	106	181656	55.064	ug/l	99
70) Styrene	10.71	104	321306	56.036	ug/l	99
71) Bromoform	10.85	173	79857	54.519	ug/l #	99
73) Isopropylbenzene	11.02	105	490272	52.256	ug/l	99
74) N-amyl acetate	10.90	43	280481	51.277	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	172317	49.268	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	201741	67.409	ug/l	81
77) Bromobenzene	11.25	156	119697	51.401	ug/l	99
78) n-propylbenzene	11.36	91	574678	53.633	ug/l	99
79) 2-Chlorotoluene	11.42	91	338222	51.164	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	421544	53.361	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	59755	51.086	ug/l	98
82) 4-Chlorotoluene	11.51	91	394419	52.814	ug/l	100
83) tert-Butylbenzene	11.77	119	400903	52.168	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	425378	53.646	ug/l	99
85) sec-Butylbenzene	11.94	105	484838	53.214	ug/l	100
86) p-Isopropyltoluene	12.06	119	448682	54.779	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	222577	53.616	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	221118	52.832	ug/l	99
89) n-Butylbenzene	12.38	91	413953	55.916	ug/l	99
90) Hexachloroethane	12.60	117	73465	52.647	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	222172	52.544	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38689	49.311	ug/l	99

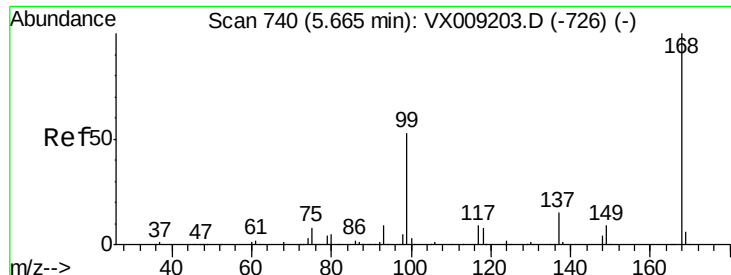
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	162950	56.356	ug/l	99
94) Hexachlorobutadiene	13.78	225	83791	56.748	ug/l	99
95) Naphthalene	13.83	128	494947	52.614	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	159849	54.538	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

Instrument :

MSVOA_X

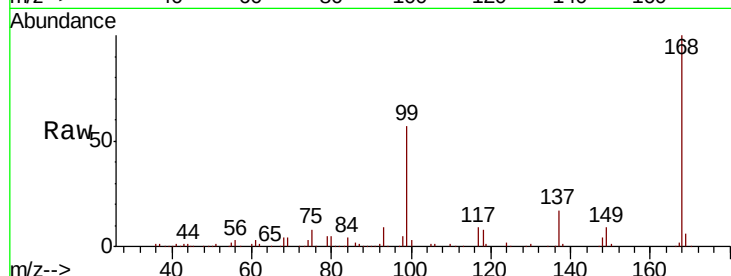
ClientSampleId :

Tot Ion:168 Resp: 174273

Ion Ratio Lower Upper

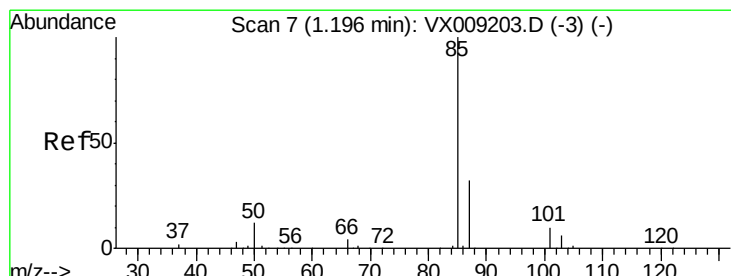
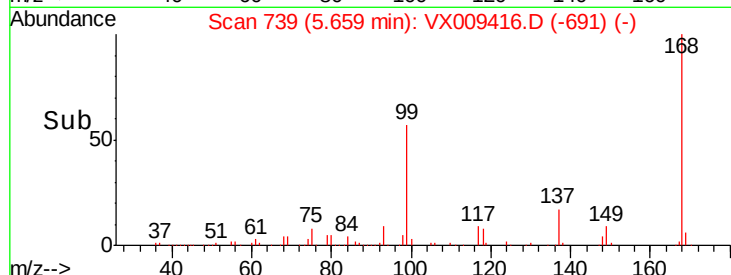
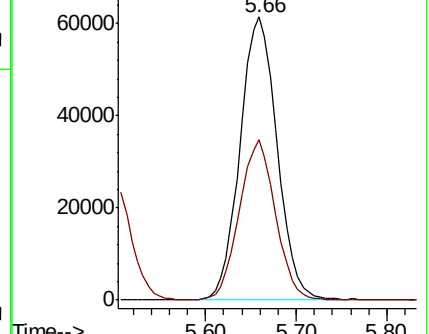
168 100

99 56.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.450 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009416.D

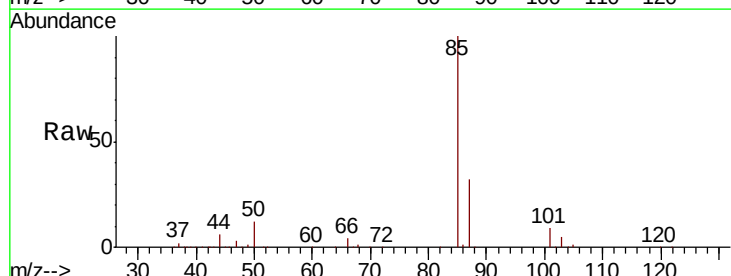
Acq: 09 May 2019 10:17

Tgt Ion: 85 Resp: 79414

Ion Ratio Lower Upper

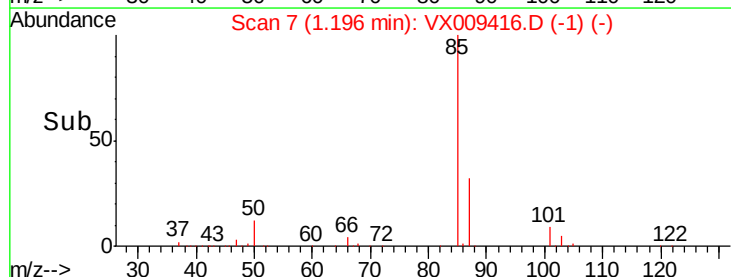
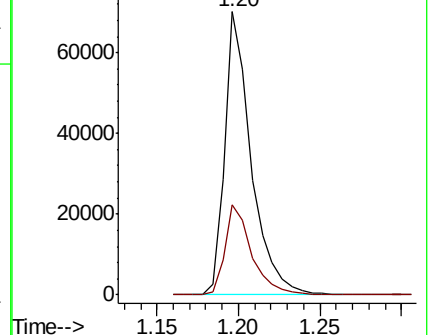
85 100

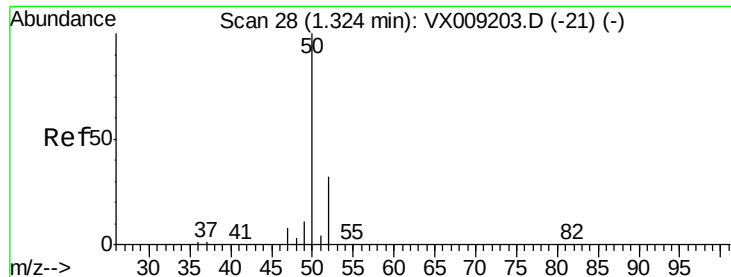
87 32.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

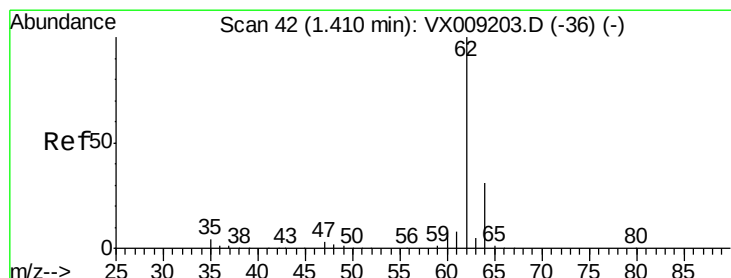
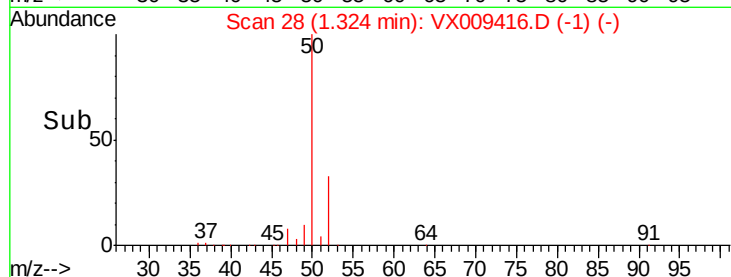
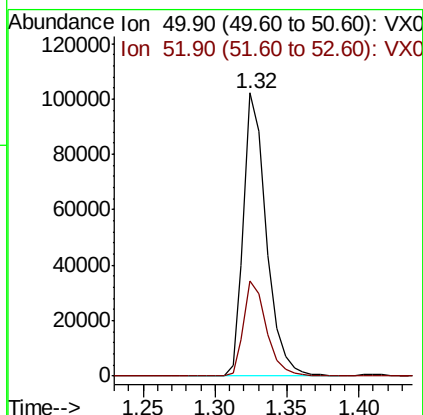
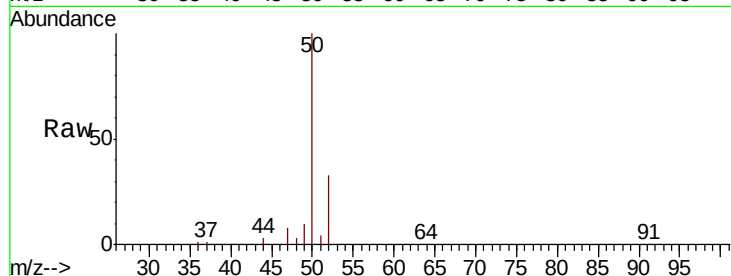




#3
Chloromethane
Concen: 51.402 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

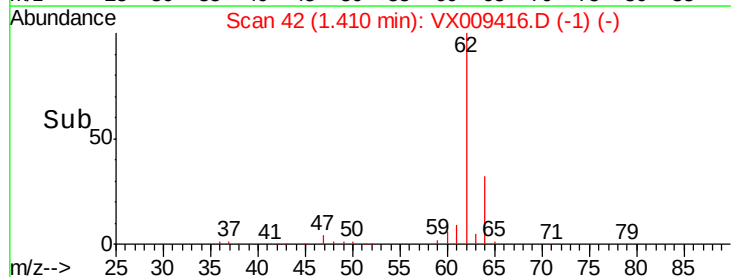
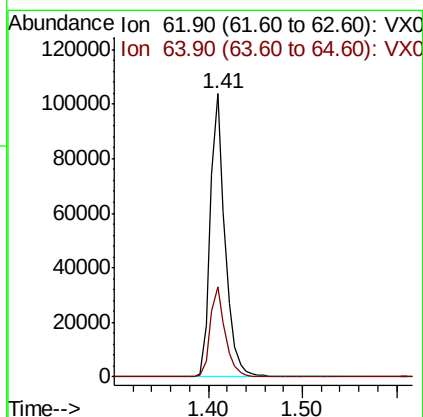
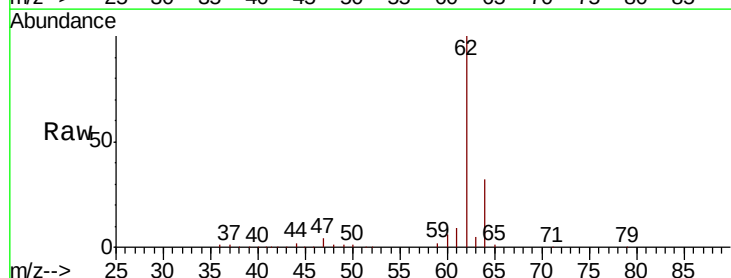
Instrument :
MSVOA_X
ClientSampled :

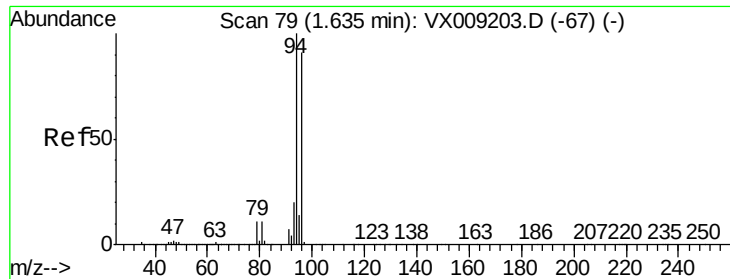
Tot Ion: 50 Resp: 112700
Ion Ratio Lower Upper
50 100
52 33.4 25.9 38.9



#4
Vinyl Chloride
Concen: 52.584 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

Tgt Ion: 62 Resp: 112425
Ion Ratio Lower Upper
62 100
64 32.0 24.6 36.8





#5

Bromomethane

Concen: 46.727 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

Instrument :

MSVOA_X

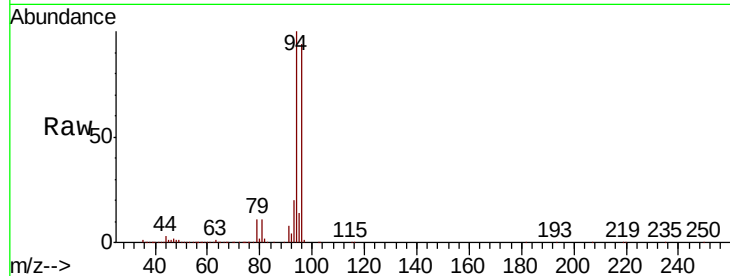
ClientSampleId :

Tot Ion: 94 Resp: 59963

Ion Ratio Lower Upper

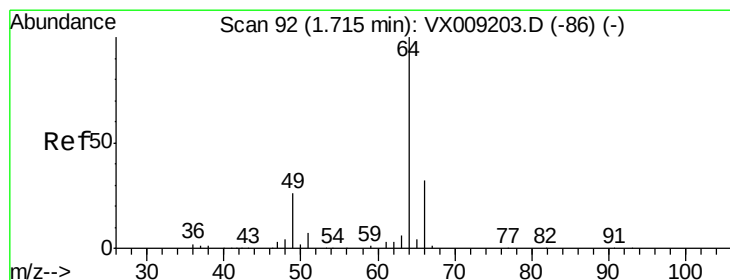
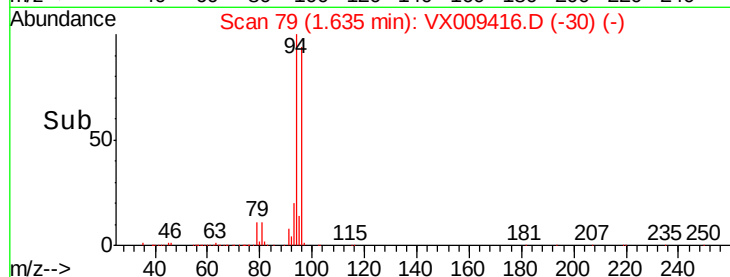
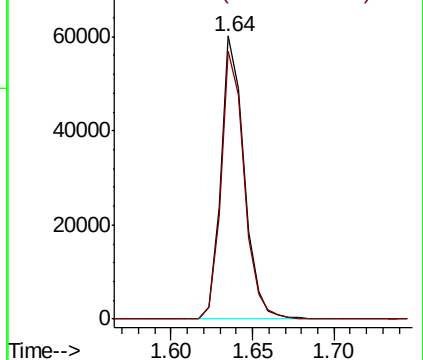
94 100

96 94.5 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.517 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX009416.D

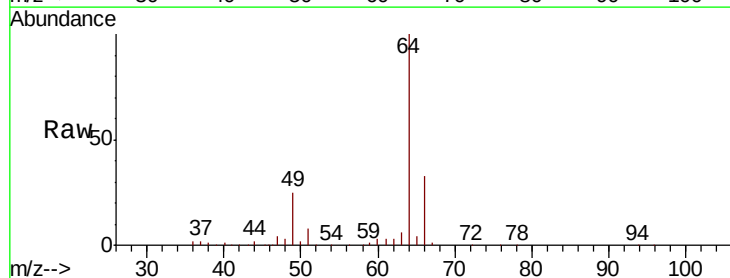
Acq: 09 May 2019 10:17

Tgt Ion: 64 Resp: 70716

Ion Ratio Lower Upper

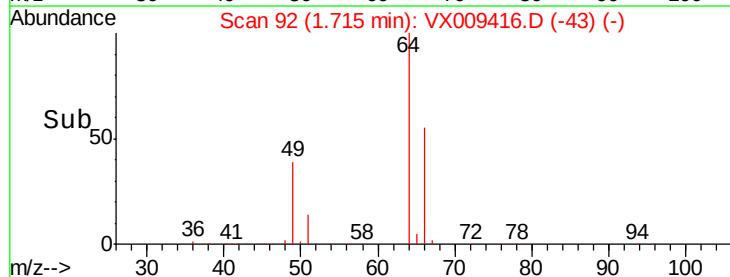
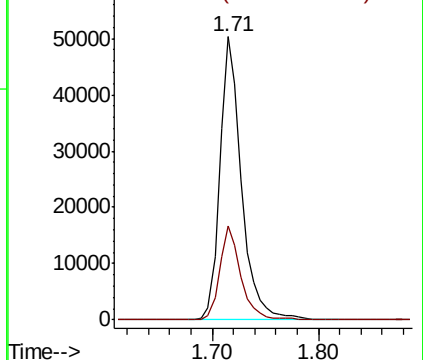
64 100

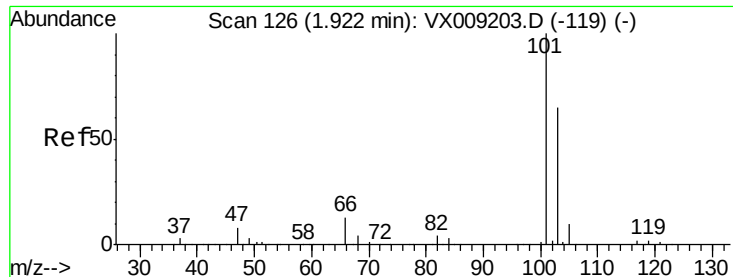
66 33.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



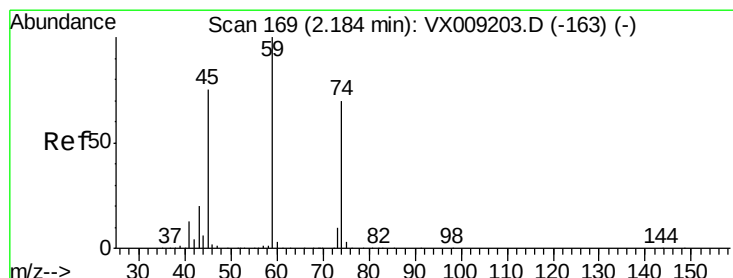
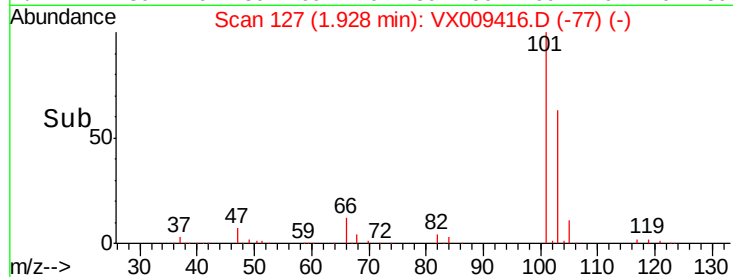
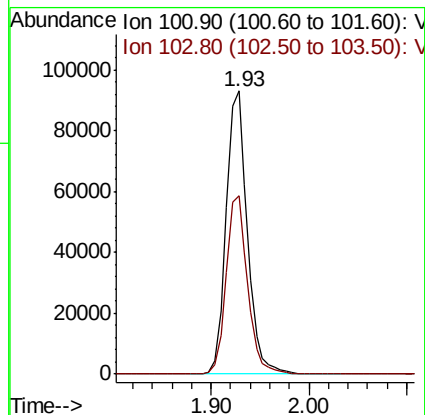
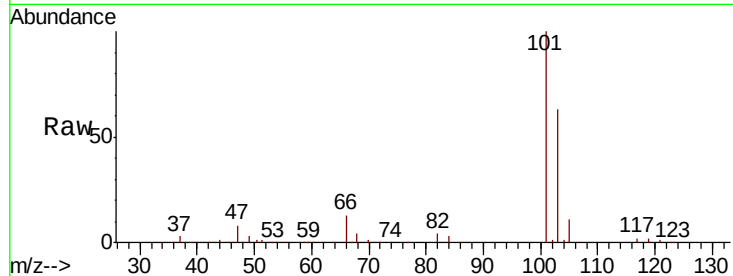


#7

Trichlorofluoromethane
Concen: 53.901 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

Instrument :
MSVOA_X
ClientSampleId :

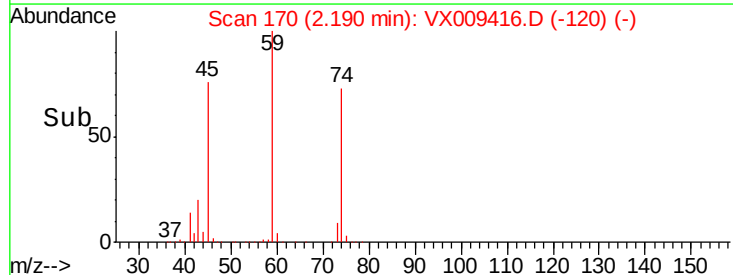
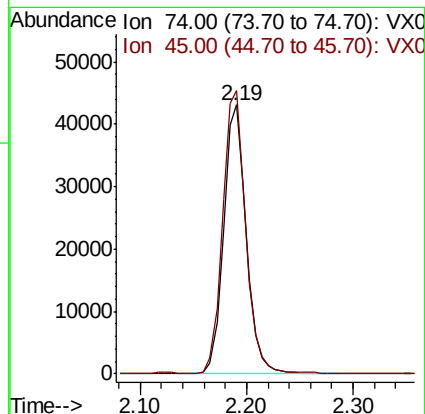
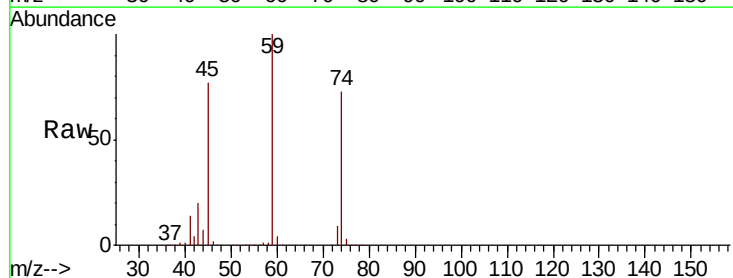
Tot Ion:101 Resp: 140081
Ion Ratio Lower Upper
101 100
103 63.1 52.4 78.6

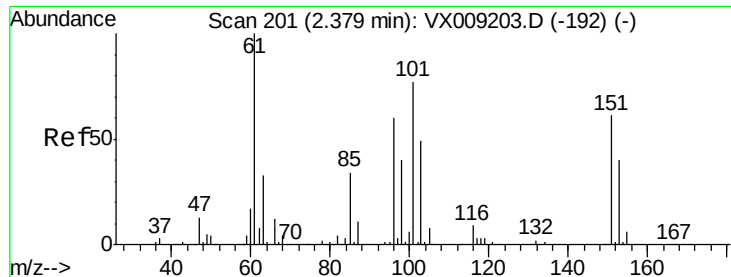


#8

Diethyl Ether
Concen: 51.728 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

Tgt Ion: 74 Resp: 63679
Ion Ratio Lower Upper
74 100
45 106.7 53.3 159.9

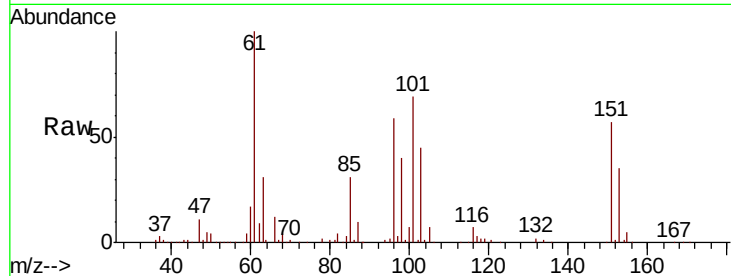




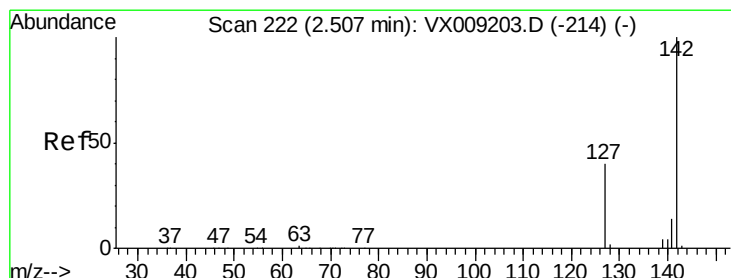
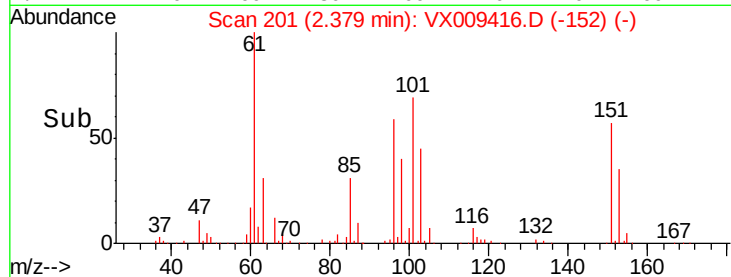
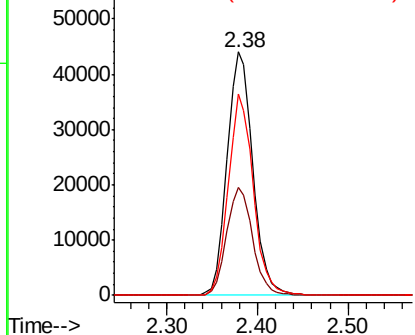
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.958 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.00 min
 Lab File: VX009416.D
 Acq: 09 May 2019 10:17

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:101 Resp: 86428
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.7 53.5
 151 80.5 62.2 93.2

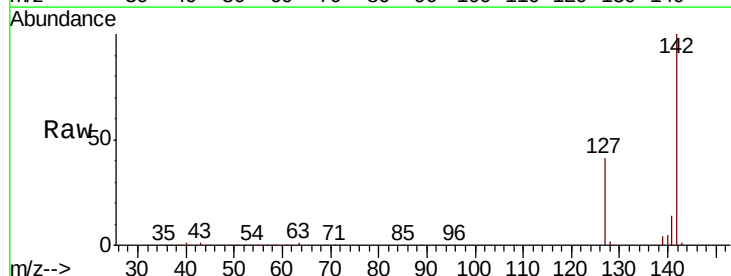


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

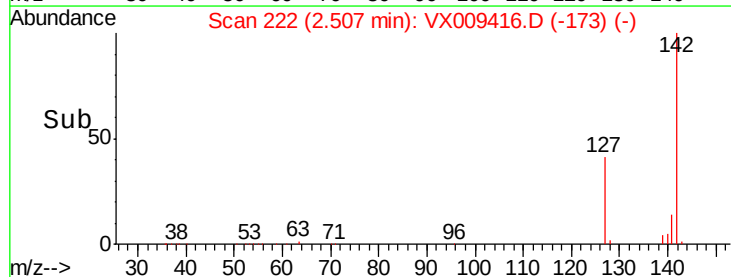
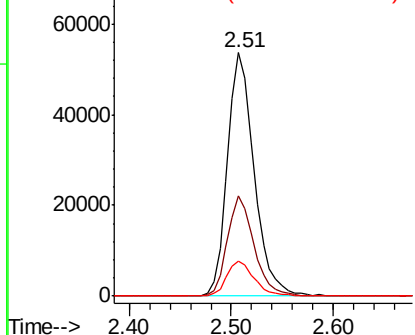


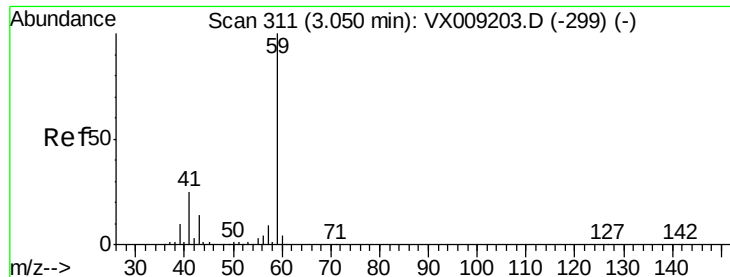
#10
 Methyl Iodide
 Concen: 51.318 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VX009416.D
 Acq: 09 May 2019 10:17

Tgt Ion:142 Resp: 97562
 Ion Ratio Lower Upper
 142 100
 127 41.0 32.7 49.1
 141 14.6 11.5 17.3



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

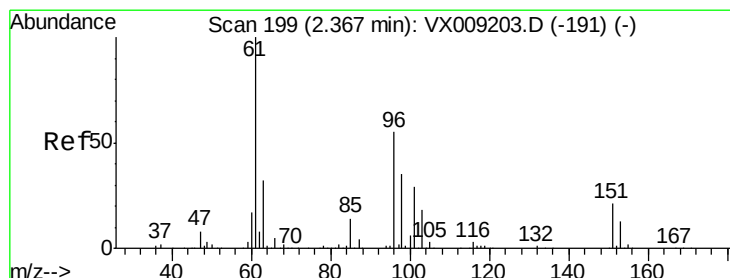
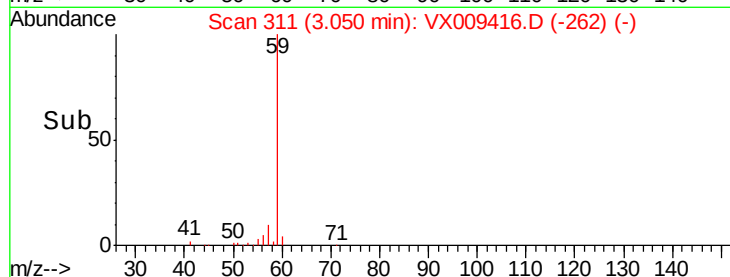
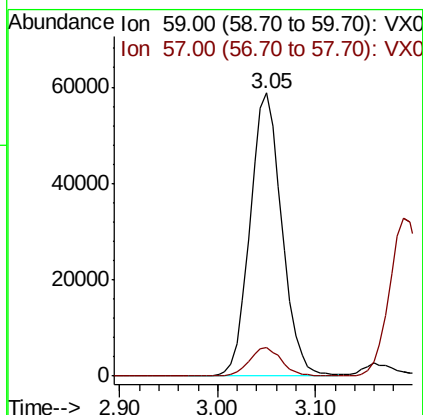
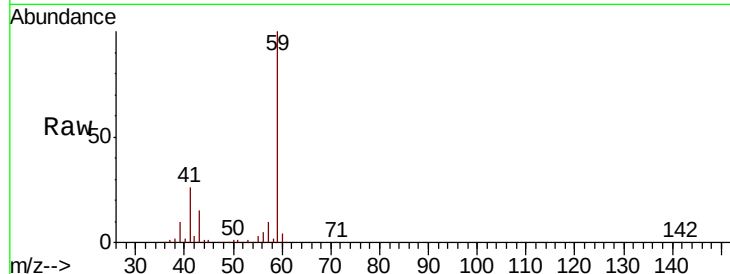




#11
Tert butyl alcohol
Concen: 241.781 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

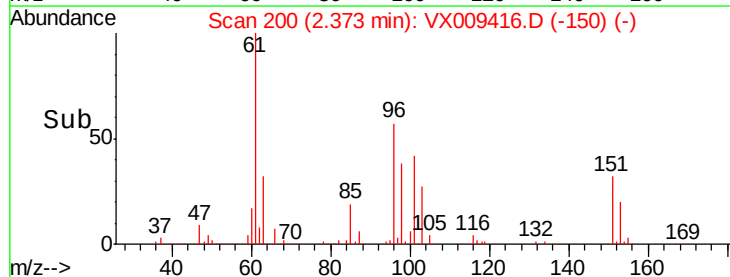
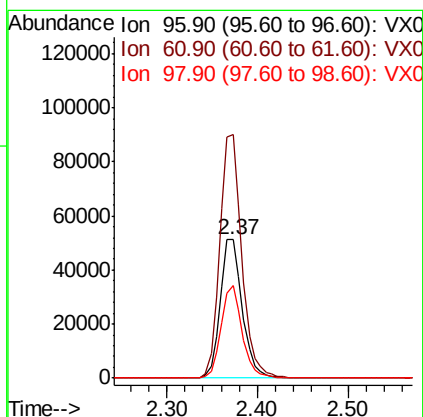
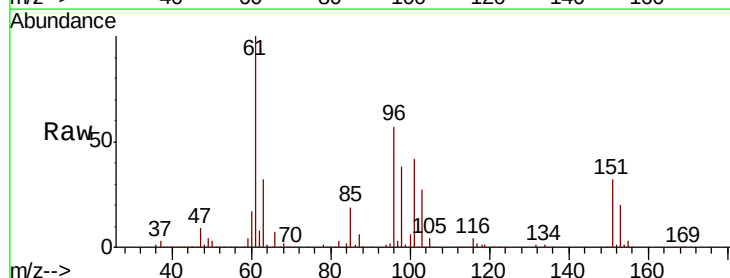
Instrument :
MSVOA_X
ClientSampleId :

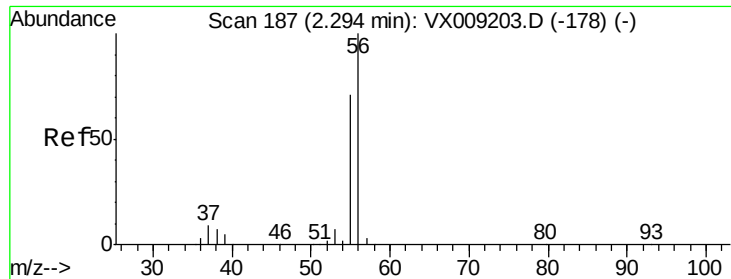
Tot Ion: 59 Resp: 133146
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 53.004 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

Tgt Ion: 96 Resp: 86671
Ion Ratio Lower Upper
96 100
61 175.6 144.3 216.5
98 67.2 50.3 75.5





#13

Acrolein

Concen: 202.879 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

Instrument :

MSVOA_X

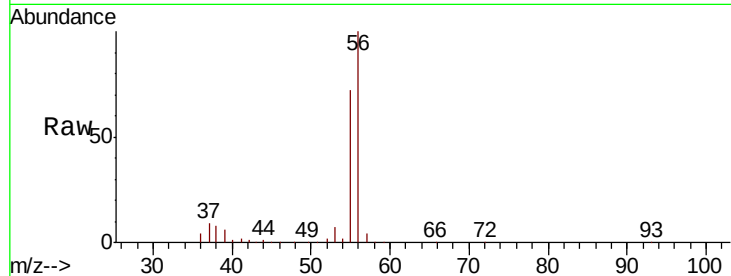
ClientSampleId :

Tot Ion: 56 Resp: 101180

Ion Ratio Lower Upper

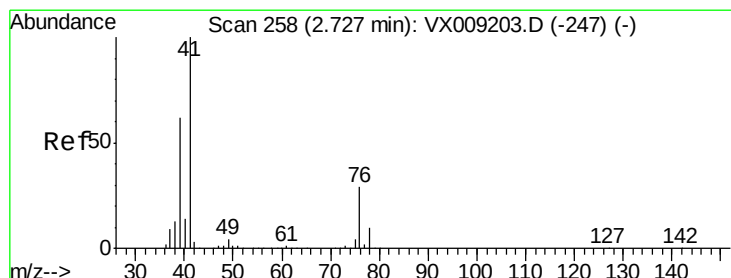
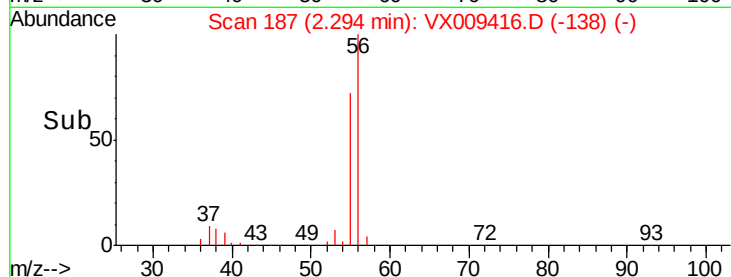
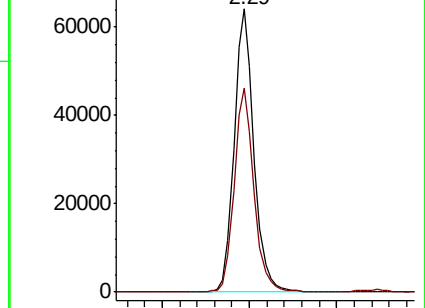
56 100

55 72.2 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.660 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

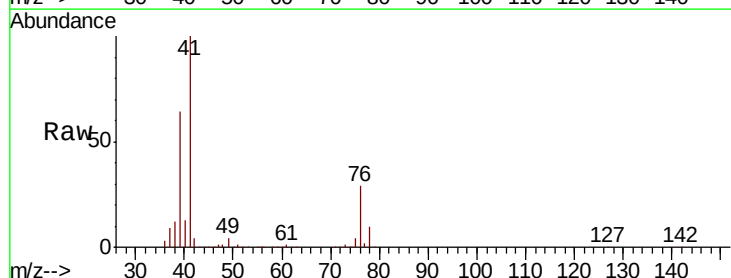
Tgt Ion: 41 Resp: 201877

Ion Ratio Lower Upper

41 100

39 59.5 46.7 70.1

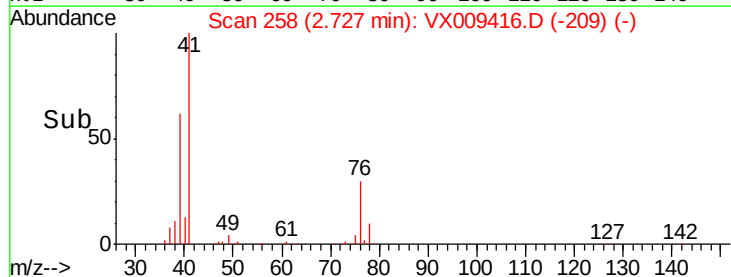
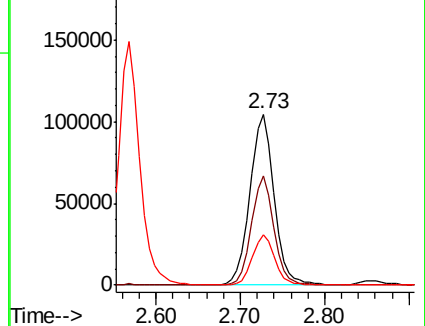
76 27.5 21.8 32.8

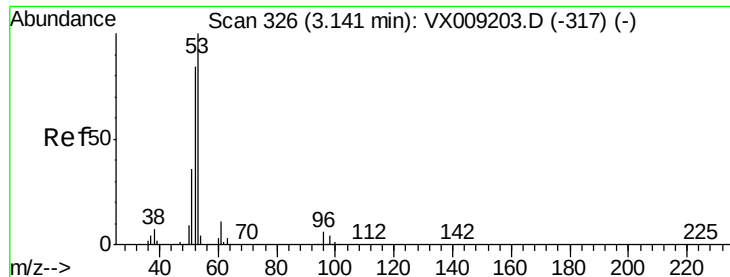


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 243.339 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

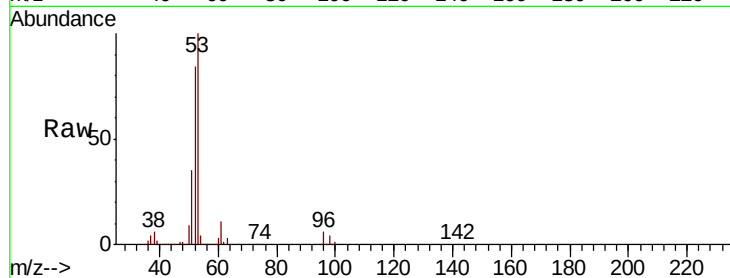
Tot Ion: 53 Resp: 327650

Ion Ratio Lower Upper

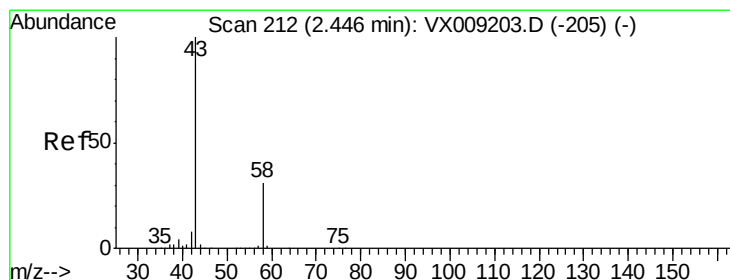
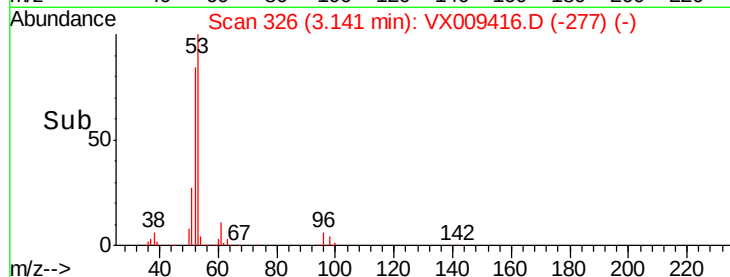
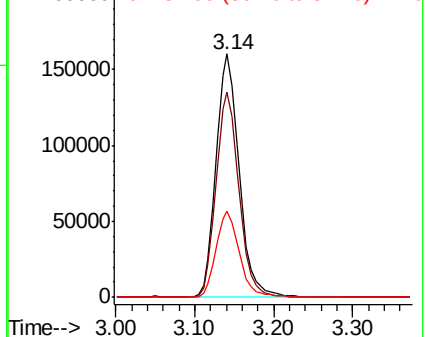
53 100

52 83.8 66.9 100.3

51 35.9 28.2 42.2



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: 259.063 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009416.D

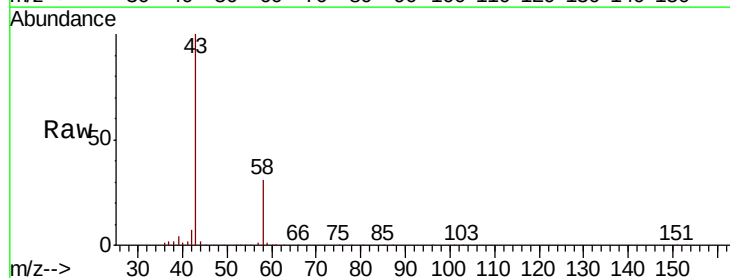
Acq: 09 May 2019 10:17

Tgt Ion: 43 Resp: 330940

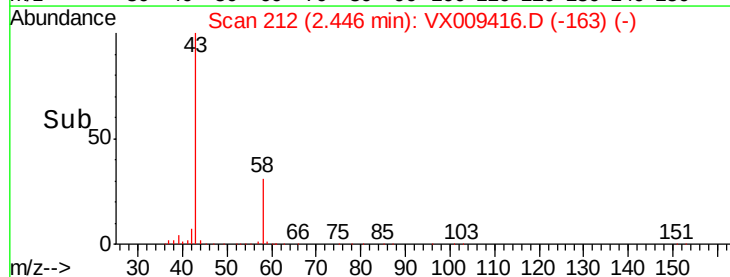
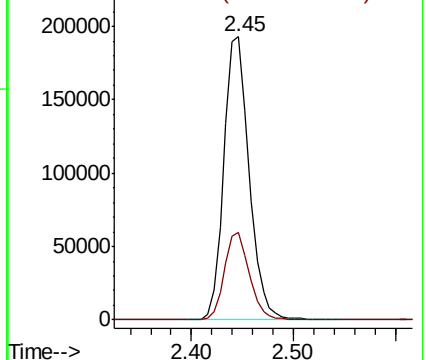
Ion Ratio Lower Upper

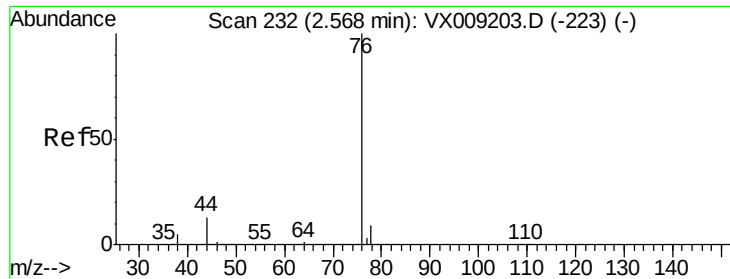
43 100

58 31.0 24.9 37.3



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





#17

Carbon Disulfide

Concen: 56.220 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

Instrument :

MSVOA_X

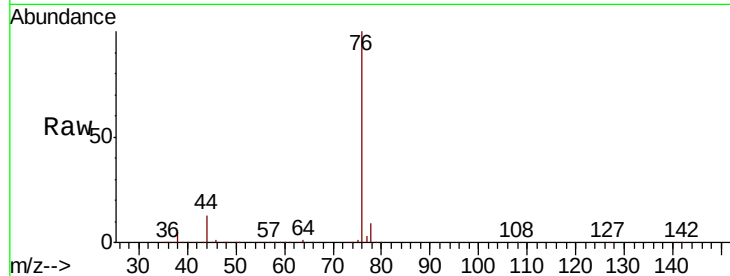
ClientSampleId :

Tot Ion: 76 Resp: 258102

Ion Ratio Lower Upper

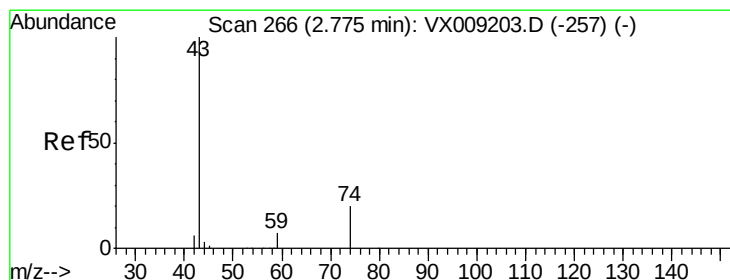
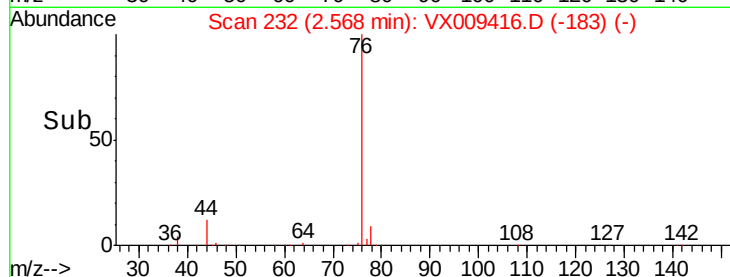
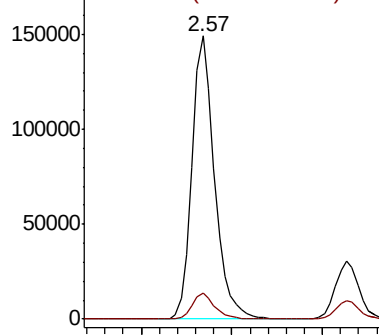
76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 45.627 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009416.D

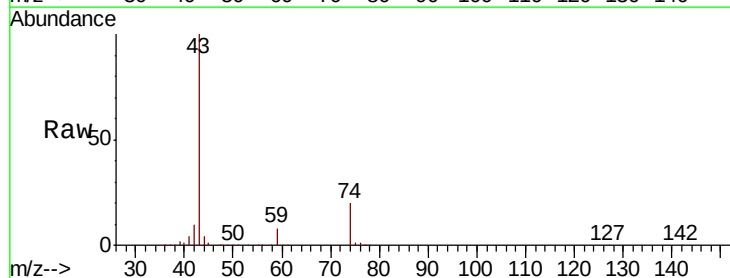
Acq: 09 May 2019 10:17

Tgt Ion: 43 Resp: 138615

Ion Ratio Lower Upper

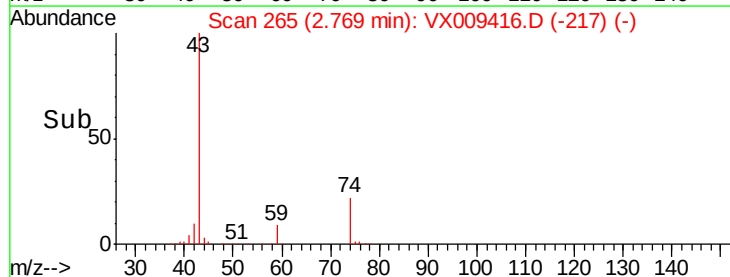
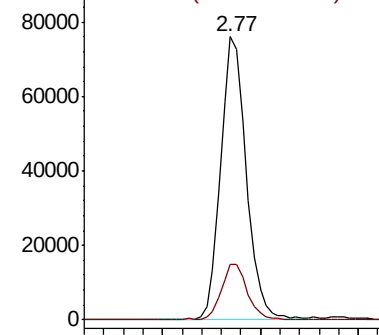
43 100

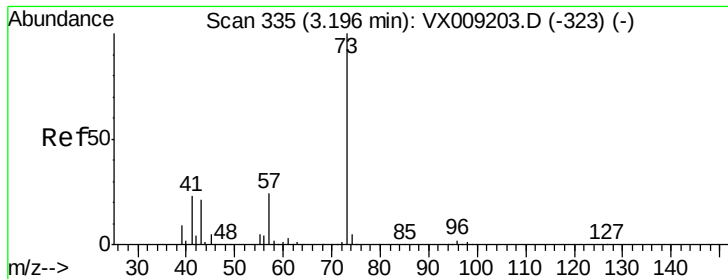
74 20.5 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



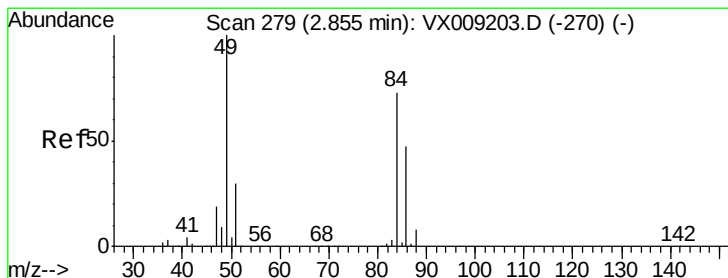
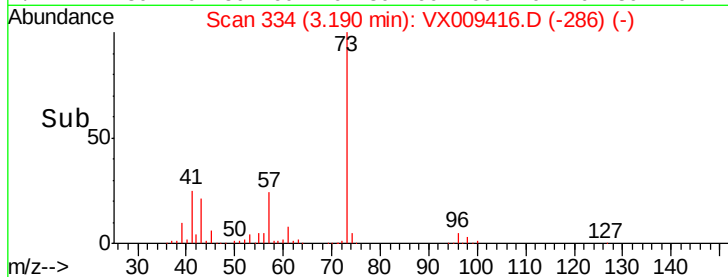
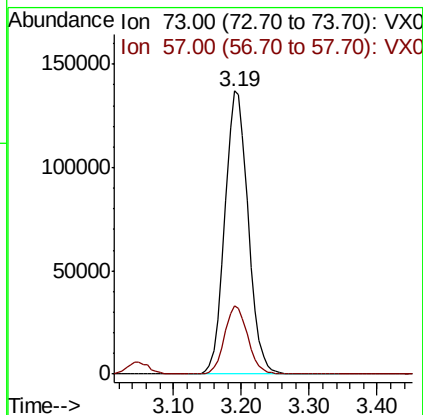
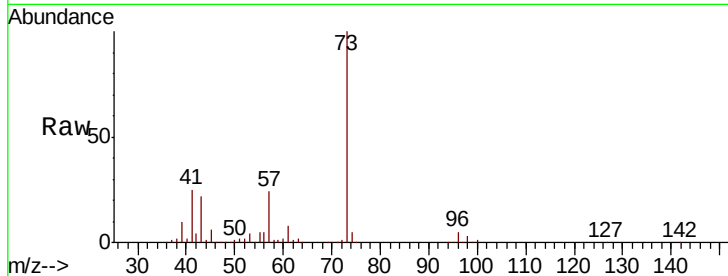


#19

Methyl tert-butyl Ether
 Concen: 51.207 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX009416.D
 Acq: 09 May 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :

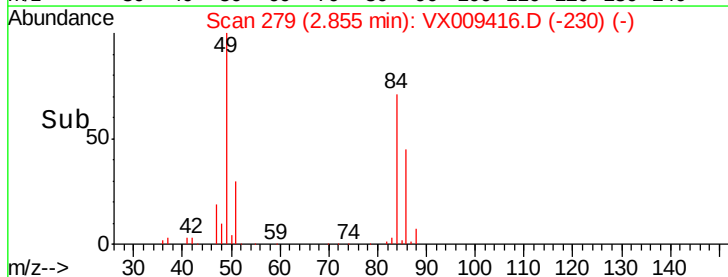
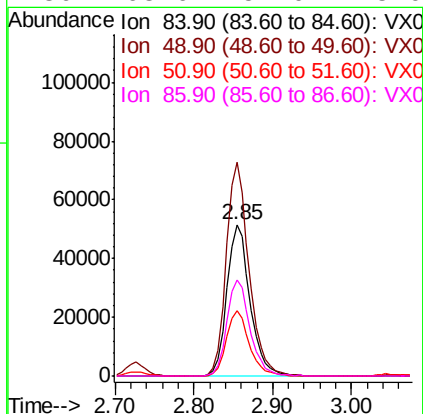
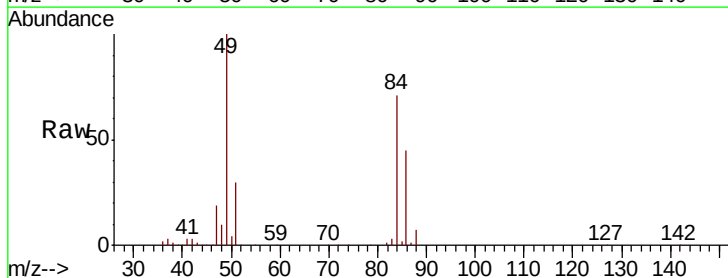
Tot Ion: 73 Resp: 325154
 Ion Ratio Lower Upper
 73 100
 57 23.9 19.3 28.9

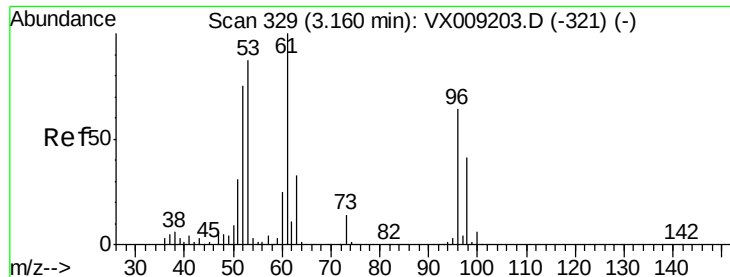


#20

Methylene Chloride
 Concen: 50.606 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX009416.D
 Acq: 09 May 2019 10:17

Tgt Ion: 84 Resp: 104671
 Ion Ratio Lower Upper
 84 100
 49 140.9 109.9 164.9
 51 42.7 32.7 49.1
 86 63.6 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 53.181 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

Instrument :
MSVOA_X
ClientSampled :

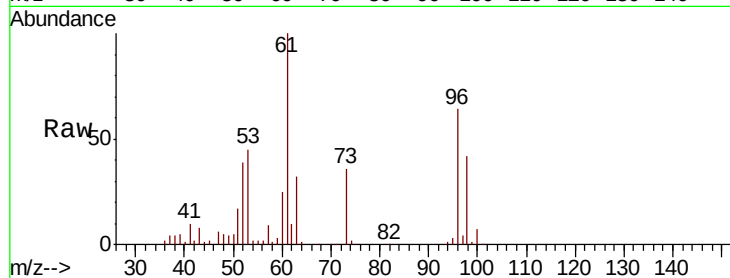
Tot Ion: 96 Resp: 94310

Ion Ratio Lower Upper

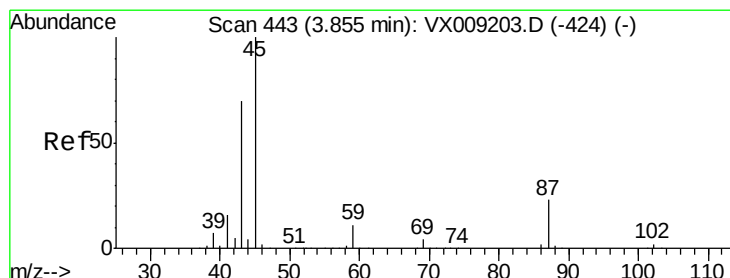
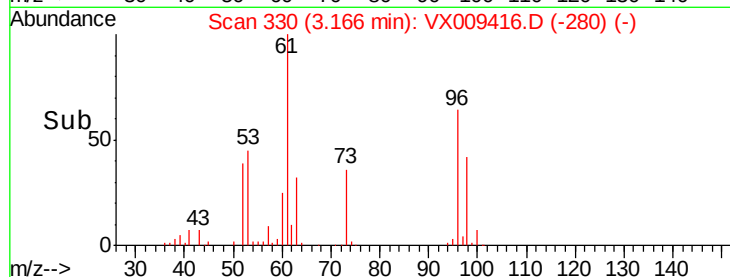
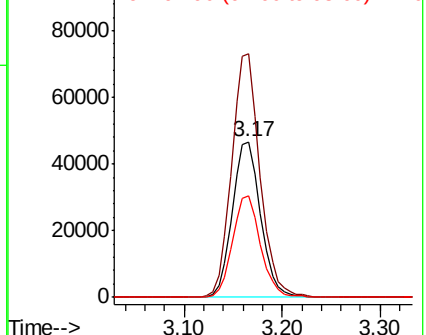
96 100

61 156.5 124.5 186.7

98 65.0 50.4 75.6



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: 51.366 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

Tgt Ion: 45 Resp: 393643

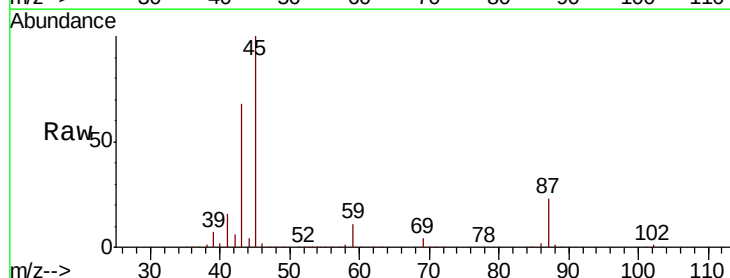
Ion Ratio Lower Upper

45 100

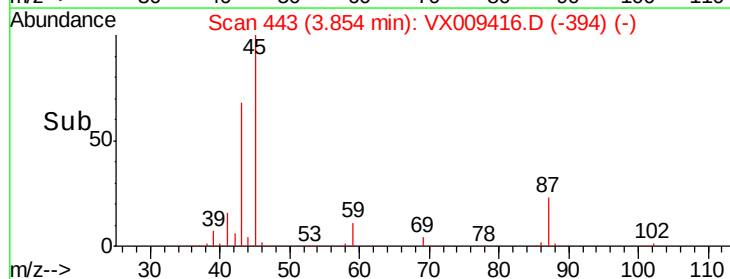
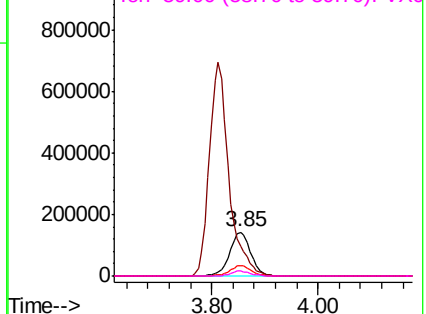
43 67.6 56.1 84.1

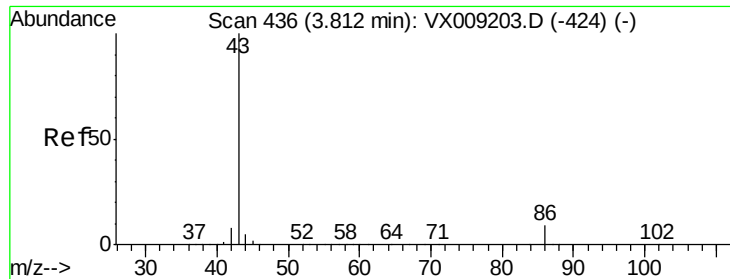
87 23.1 18.1 27.1

59 10.5 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 267.276 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

Instrument :

MSVOA_X

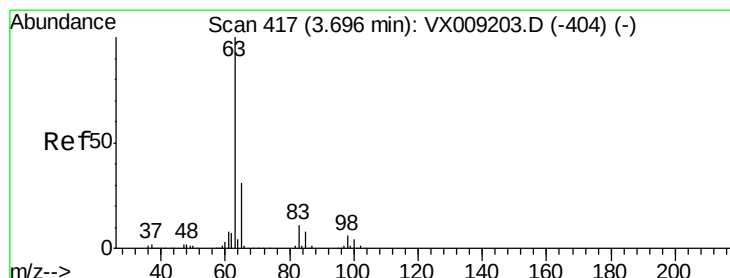
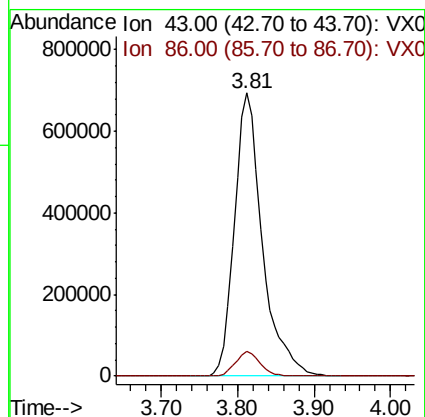
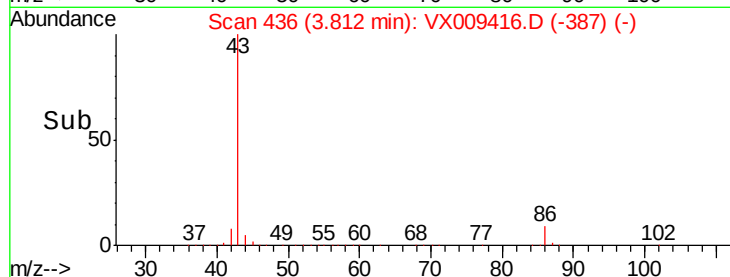
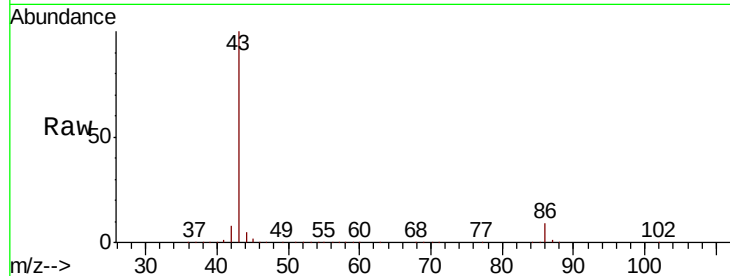
ClientSampleId :

Tot Ion: 43 Resp: 1753964

Ion Ratio Lower Upper

43 100

86 8.6 6.9 10.3



#24

1,1-Dichloroethane

Concen: 50.720 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

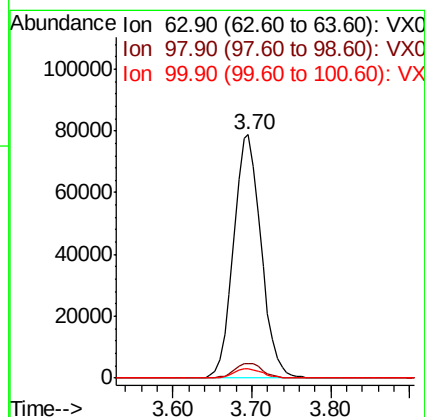
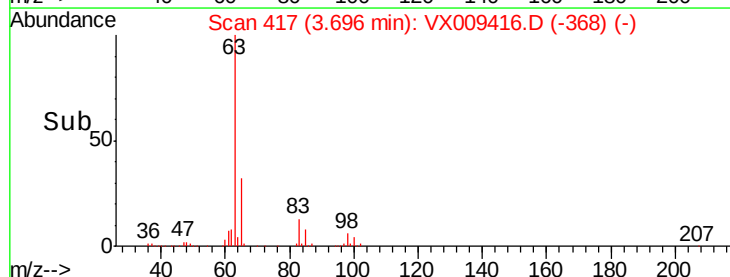
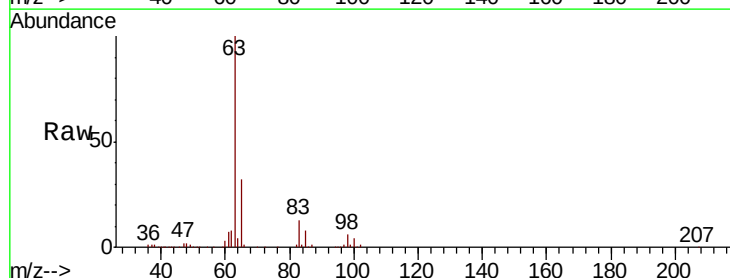
Tgt Ion: 63 Resp: 191749

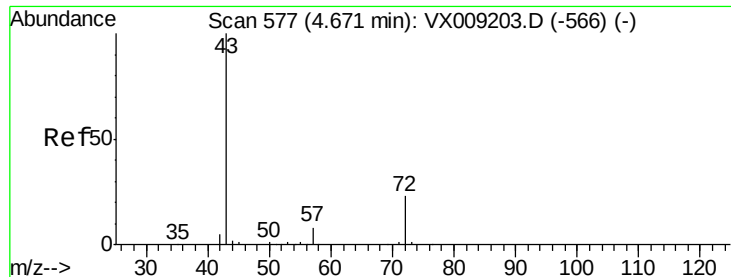
Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 255.154 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

Instrument :

MSVOA_X

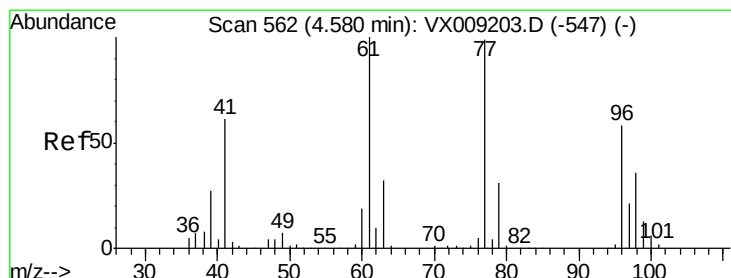
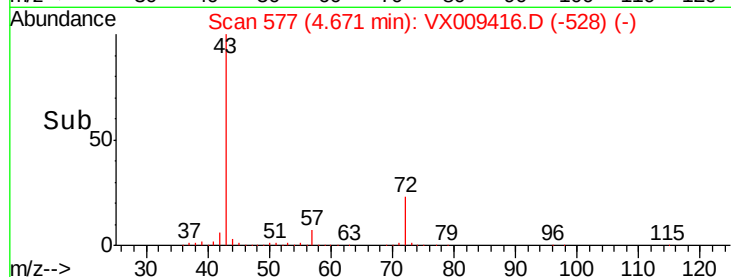
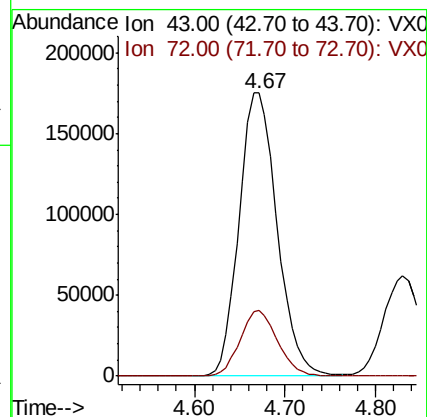
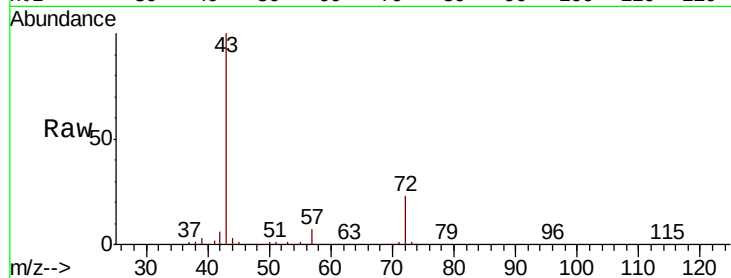
ClientSampled :

Tot Ion: 43 Resp: 506511

Ion Ratio Lower Upper

43 100

72 23.0 18.2 27.2



#26

2,2-Dichloropropane

Concen: 51.464 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009416.D

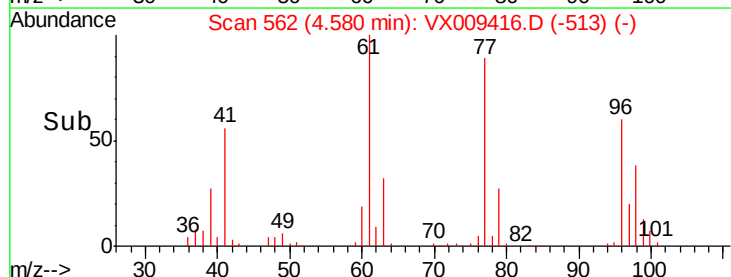
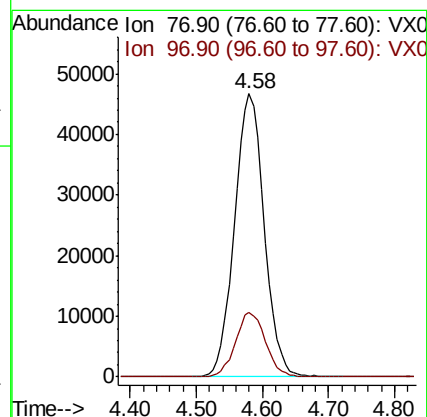
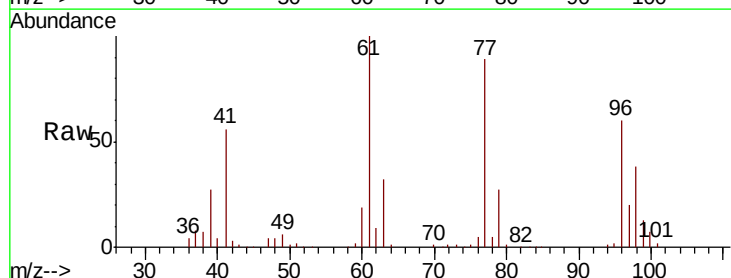
Acq: 09 May 2019 10:17

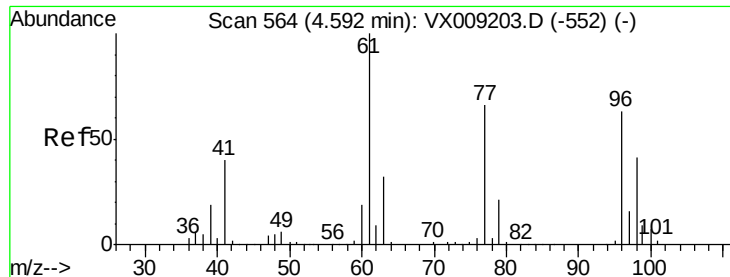
Tgt Ion: 77 Resp: 144820

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.4



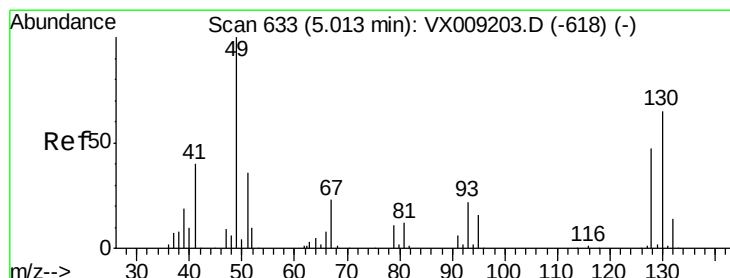
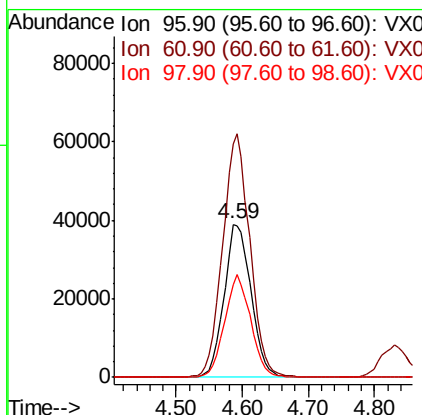
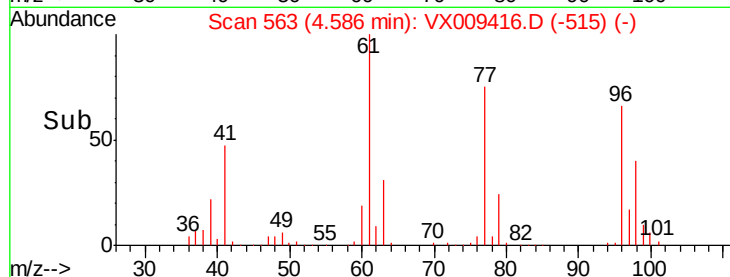
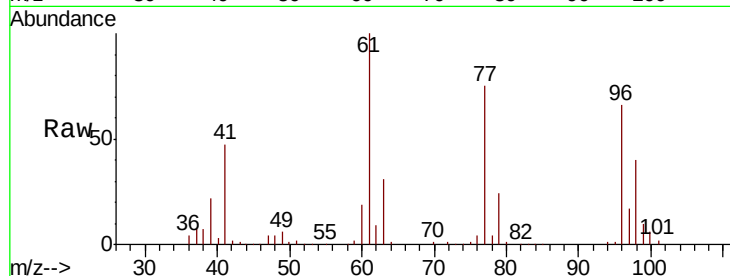


#27

cis-1,2-Dichloroethene
 Concen: 51.959 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VX009416.D
 Acq: 09 May 2019 10:17

Instrument :
 MSVOA_X
 ClientSampled :

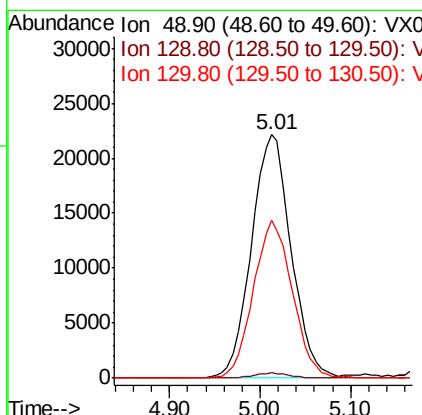
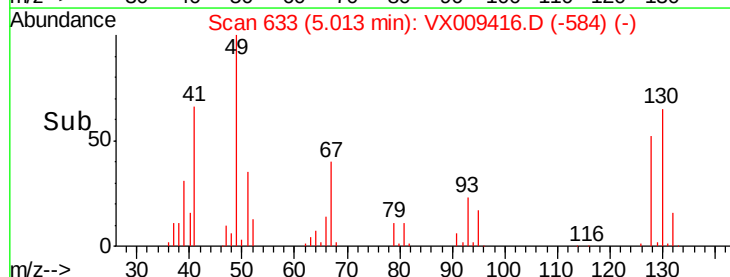
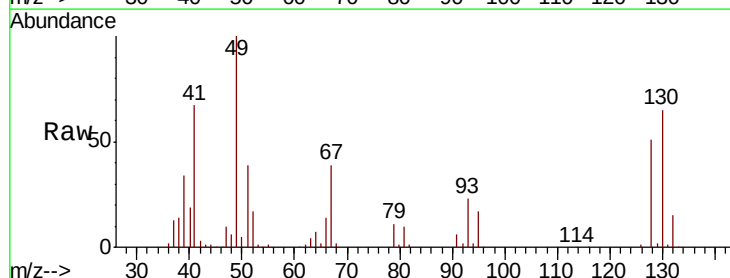
Tot Ion	Ratio	Lower	Upper
96	100		
61	160.9	0.0	324.0
98	65.0	0.0	130.4

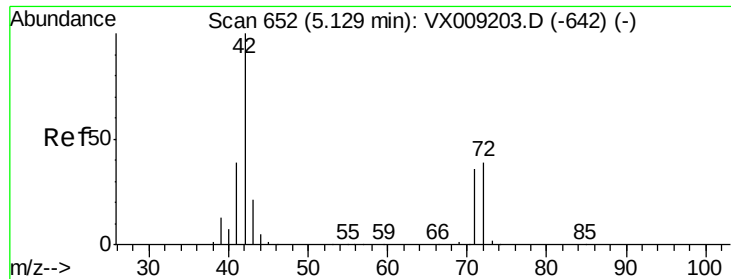


#28

Bromochloromethane
 Concen: 43.609 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009416.D
 Acq: 09 May 2019 10:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	63.8	51.2	76.8

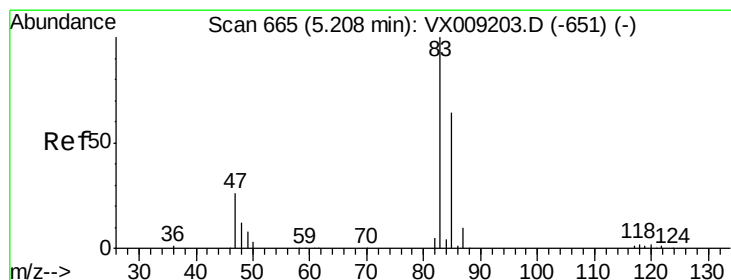
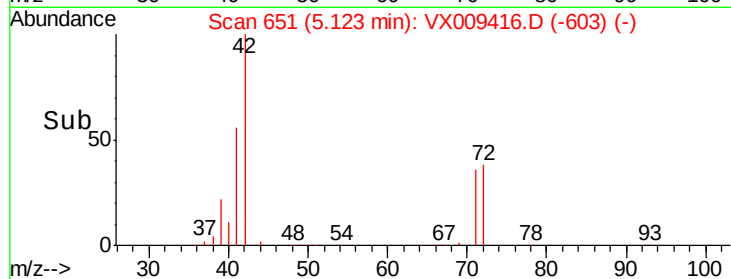
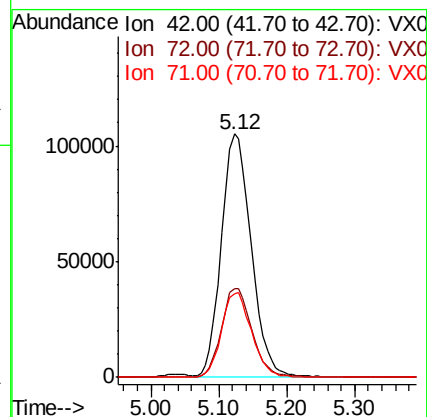
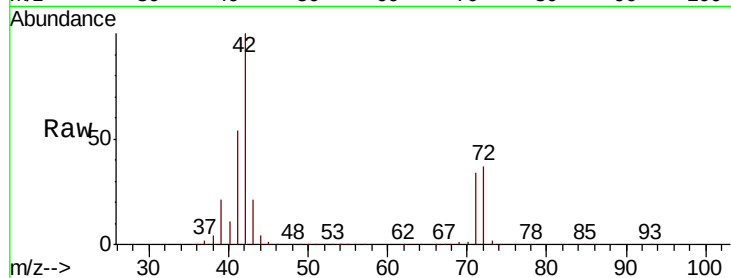




#29
Tetrahydrofuran
Concen: 250.765 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

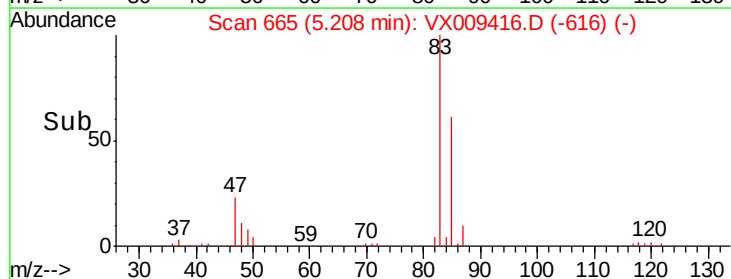
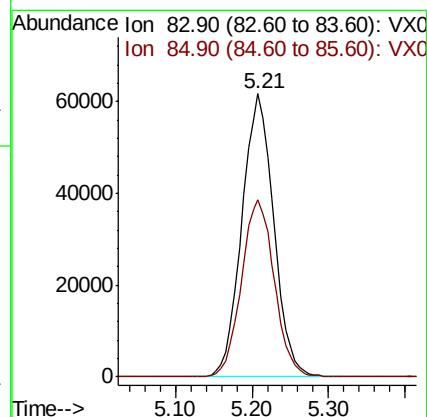
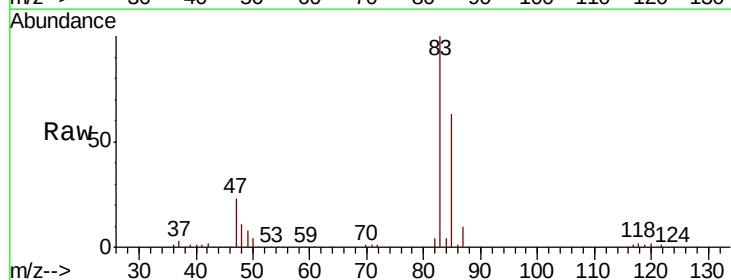
Instrument :
MSVOA_X
ClientSampleId :

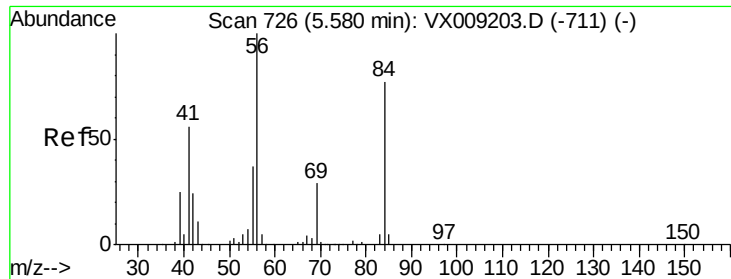
Tot Ion	Ratio	Lower	Upper
42	100		
72	37.6	30.4	45.6
71	35.0	28.6	43.0



#30
Chloroform
Concen: 52.185 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.5	77.3

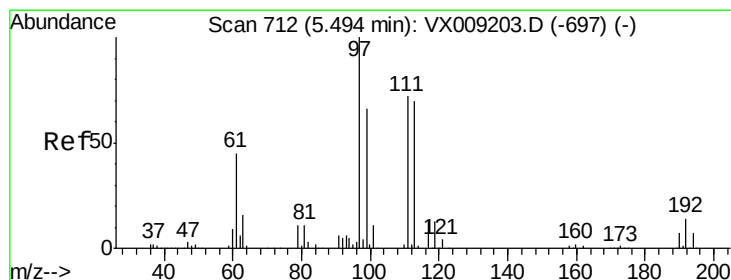
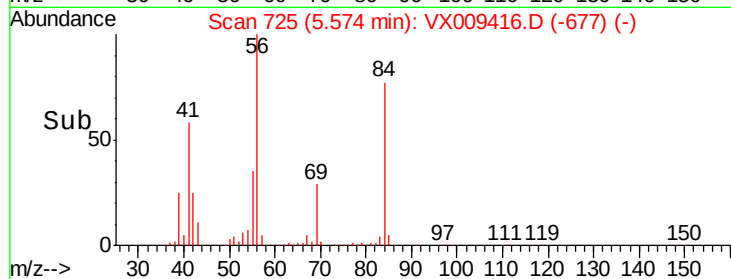
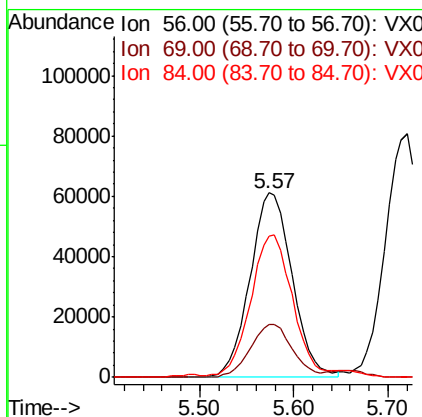
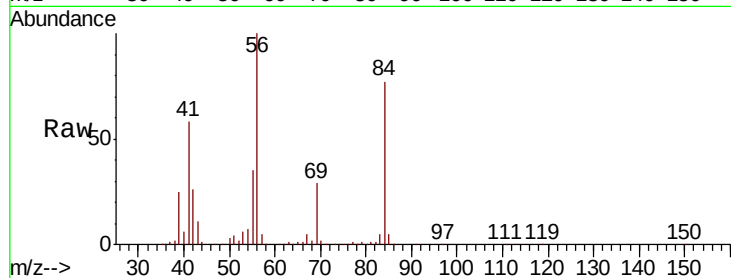




#31
Cyclohexane
Concen: 54.493 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

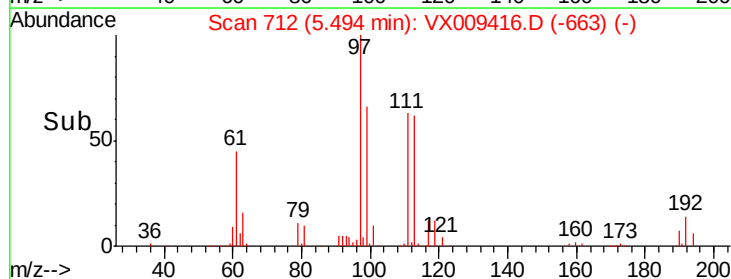
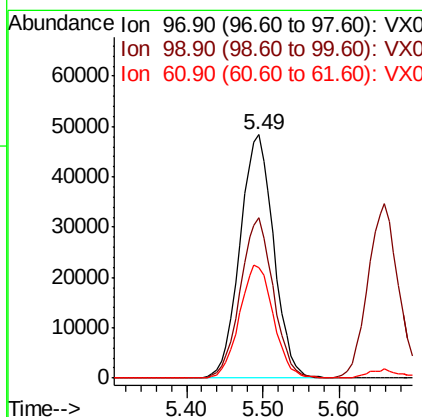
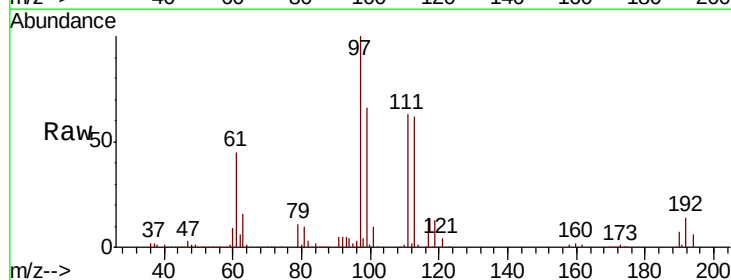
Instrument :
MSVOA_X
ClientSampled :

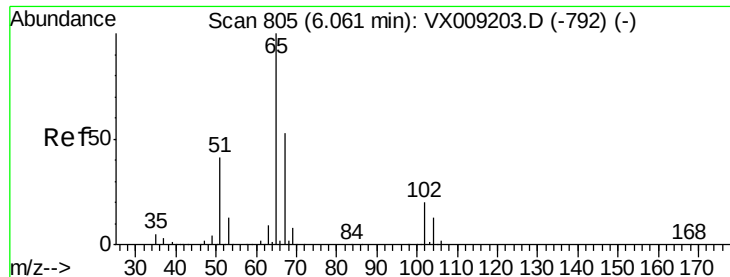
Tot Ion: 56 Resp: 191666
Ion Ratio Lower Upper
56 100
69 28.7 23.4 35.0
84 75.3 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 51.996 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

Tgt Ion: 97 Resp: 147999
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.8
61 47.0 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 47.980 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

Instrument :

MSVOA_X

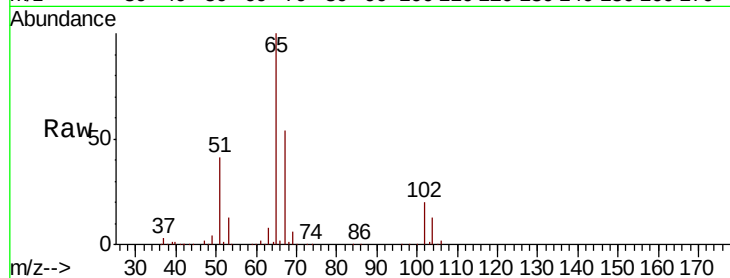
ClientSampleId :

Tot Ion: 65 Resp: 114147

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

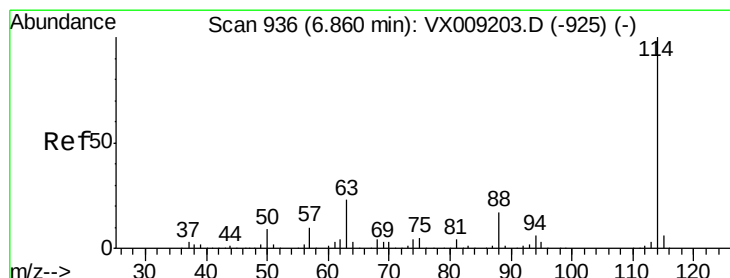
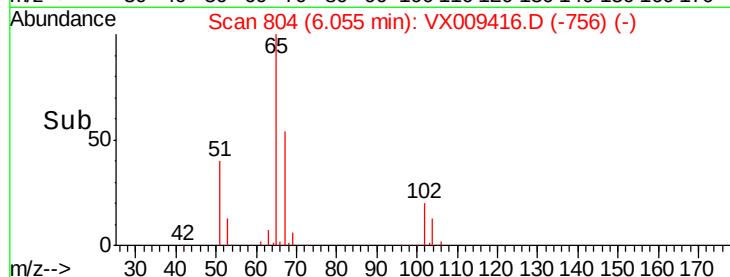
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

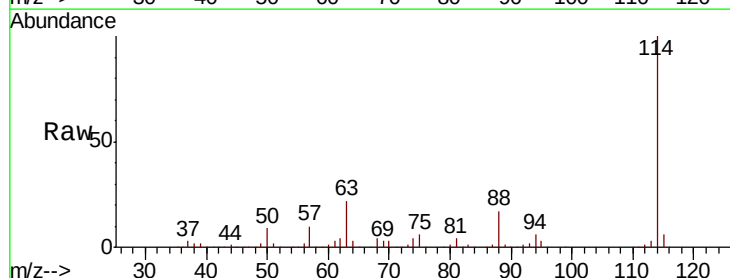
Tgt Ion: 114 Resp: 271554

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.6

88 16.5 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

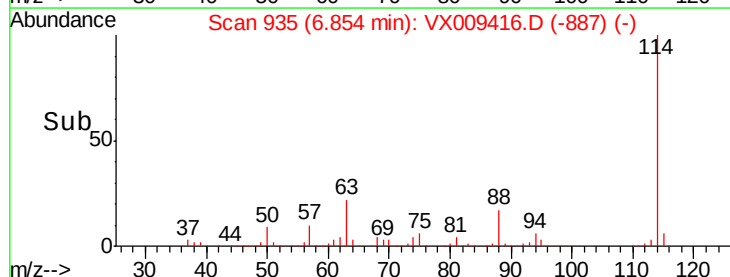
150000

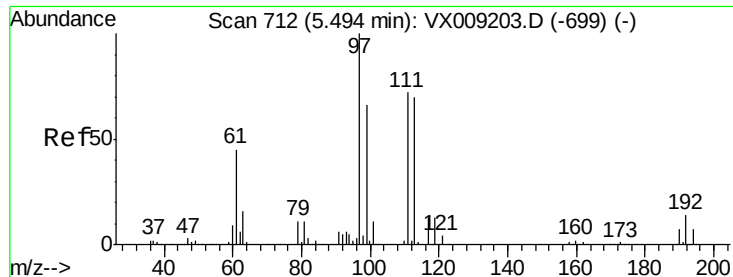
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

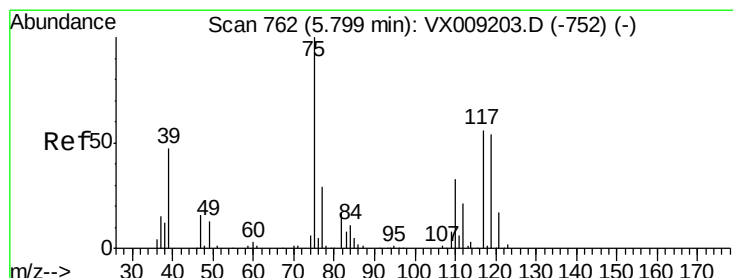
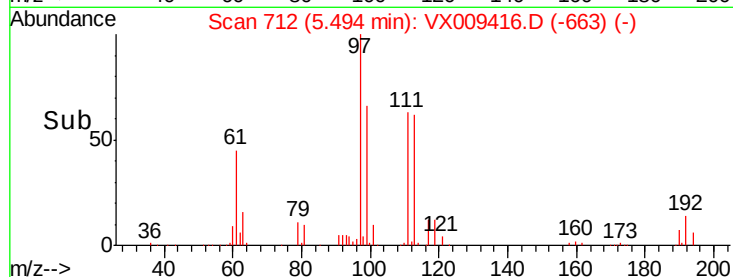
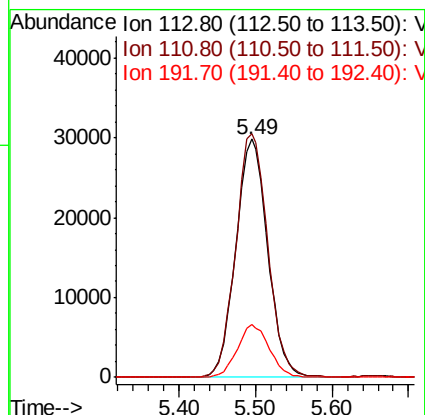
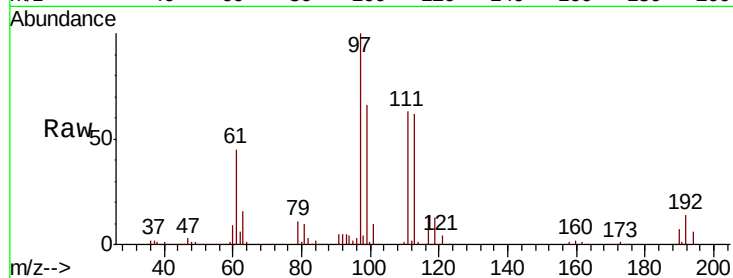




#35
 Dibromofluoromethane
 Concen: 50.442 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX009416.D
 Acq: 09 May 2019 10:17

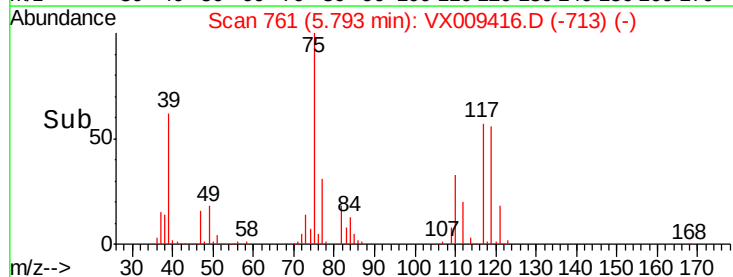
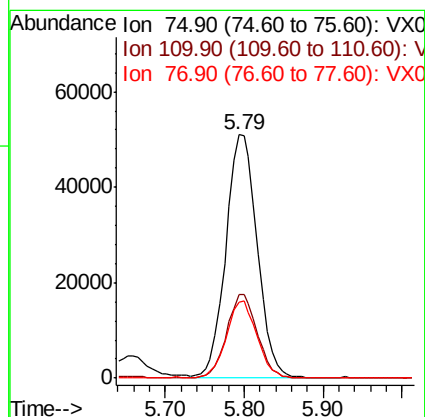
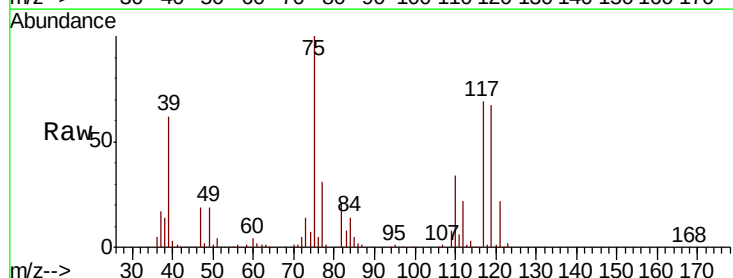
Instrument :
 MSVOA_X
 ClientSampleId :

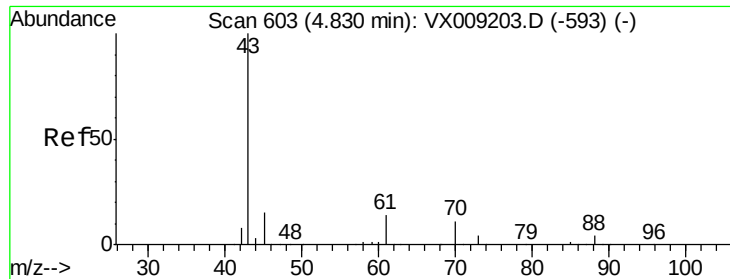
Tot Ion:113 Resp: 86110
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.8 124.2
 192 22.2 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 55.635 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX009416.D
 Acq: 09 May 2019 10:17

Tgt Ion: 75 Resp: 140401
 Ion Ratio Lower Upper
 75 100
 110 33.7 16.9 50.6
 77 31.2 24.8 37.2

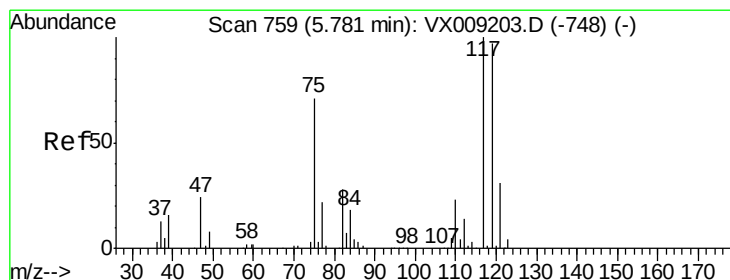
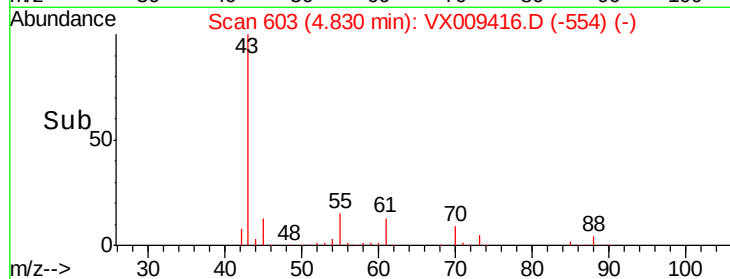
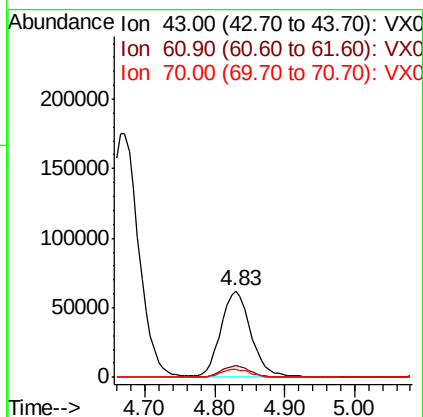
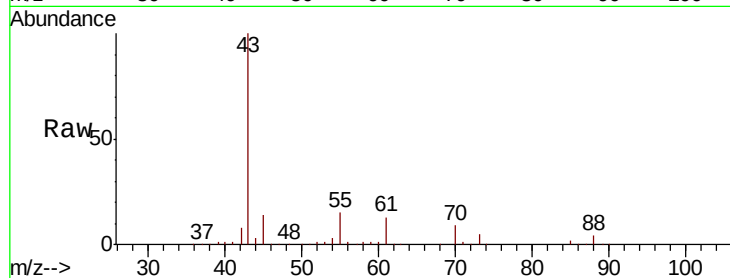




#37
Ethyl Acetate
Concen: 52.332 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

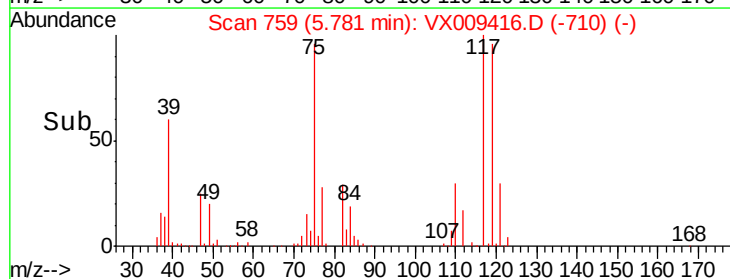
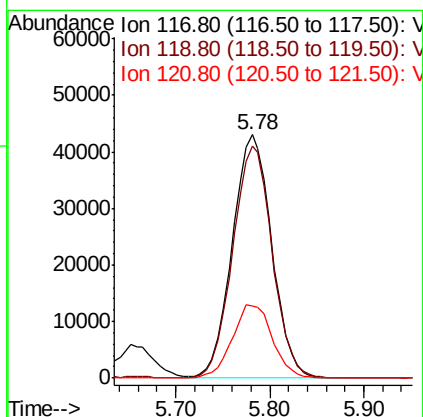
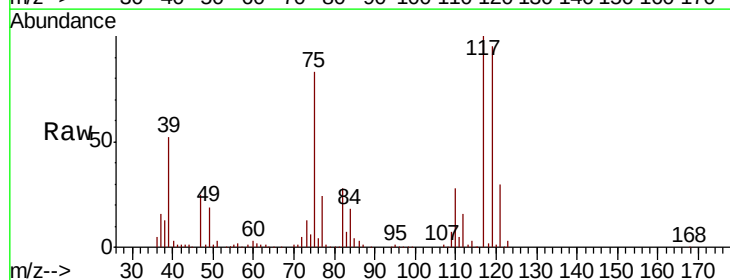
Instrument :
MSVOA_X
ClientSampled :

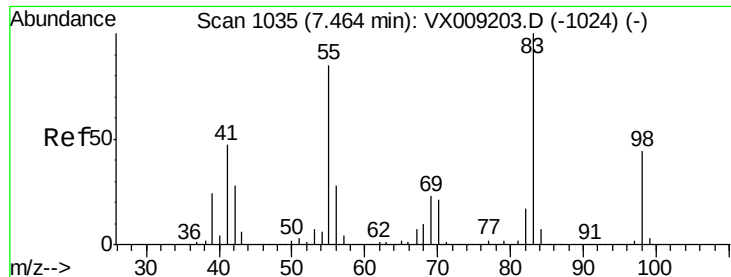
Tot Ion: 43 Resp: 184004
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 9.5 7.9 11.9



#38
Carbon Tetrachloride
Concen: 54.900 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

Tgt Ion: 117 Resp: 125878
Ion Ratio Lower Upper
117 100
119 95.2 77.5 116.3
121 29.7 24.7 37.1

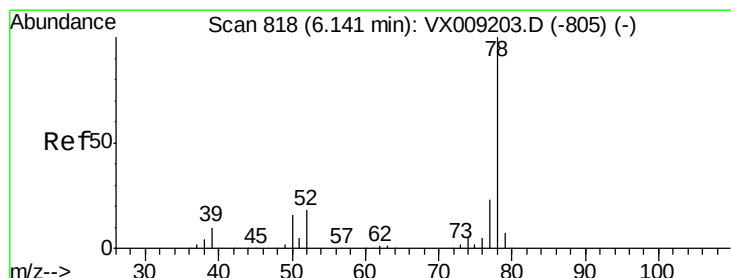
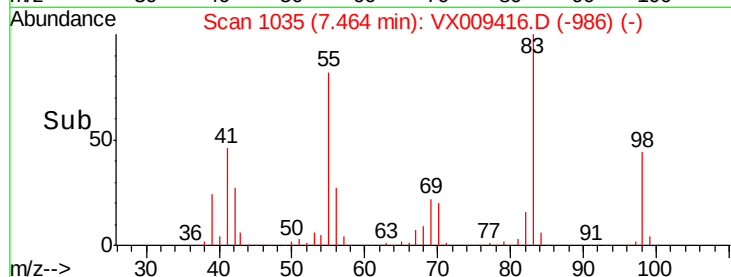
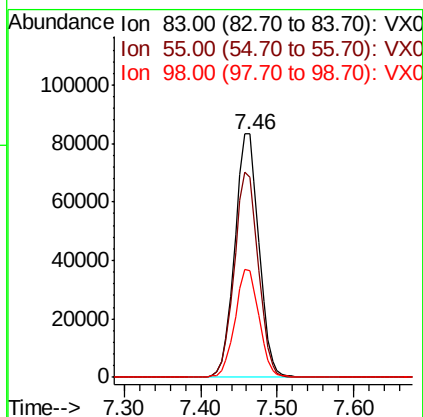
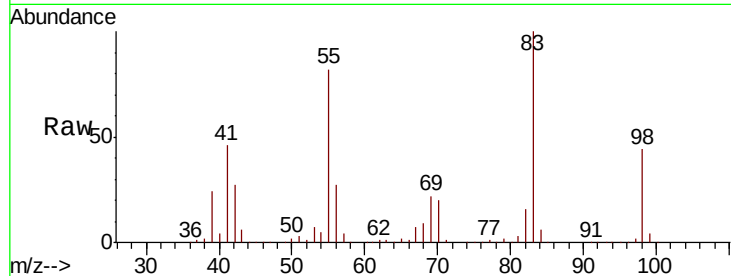




#39
Methylvlcyclohexane
Concen: 58.623 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

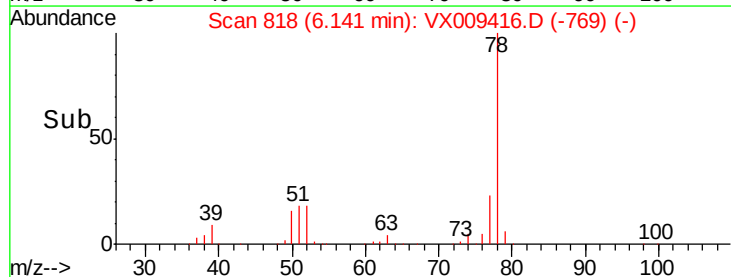
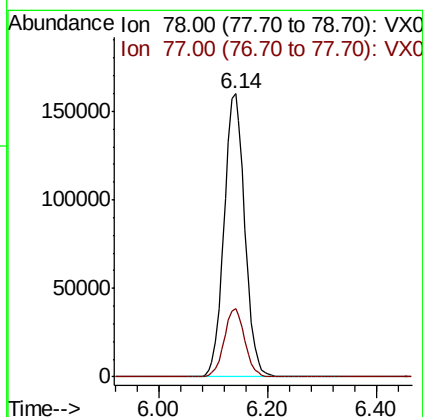
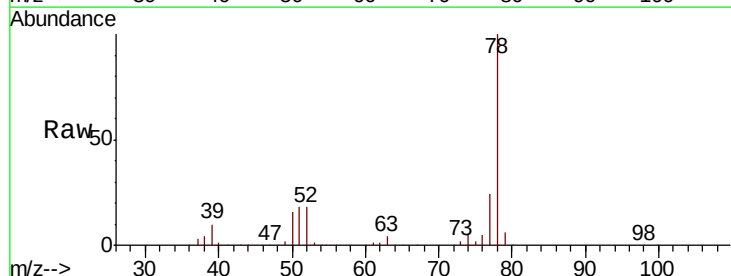
Instrument :
MSVOA_X
ClientSampleId :

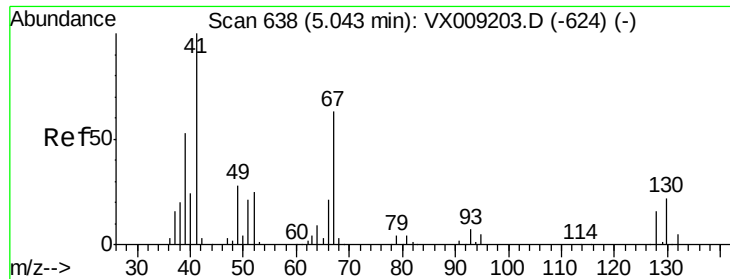
Tot Ion: 83 Resp: 181683
Ion Ratio Lower Upper
83 100
55 82.4 67.7 101.5
98 43.8 35.5 53.3



#40
Benzene
Concen: 54.247 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

Tgt Ion: 78 Resp: 423676
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2





#41

Methacrylonitrile

Concen: 49.148 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 102869

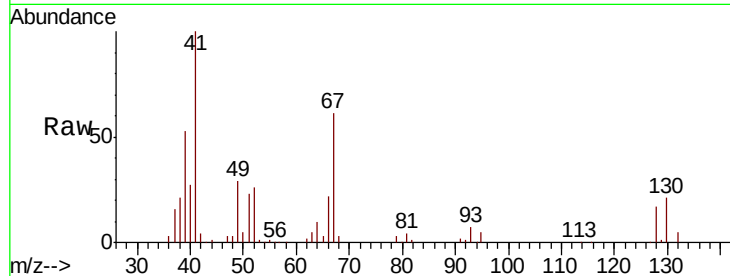
Ion Ratio Lower Upper

41 100

39 53.8 42.0 63.0

67 63.9 49.8 74.8

52 27.7 20.3 30.5

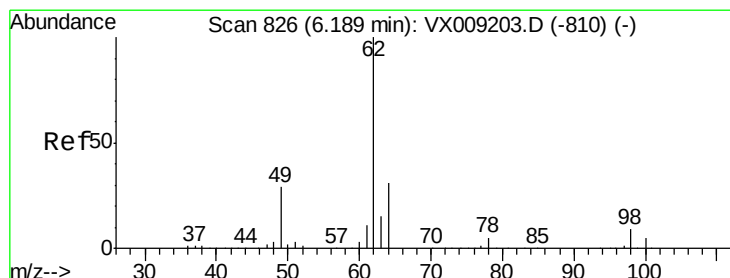
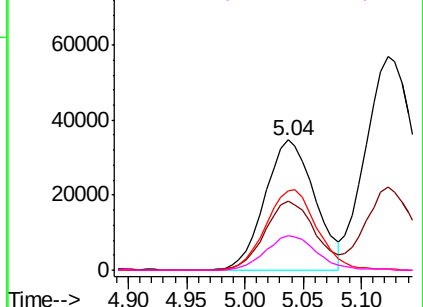
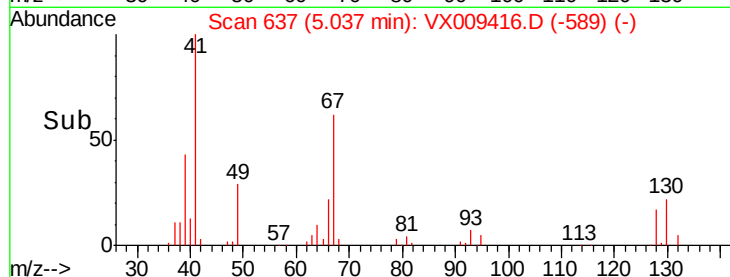


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 53.739 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX009416.D

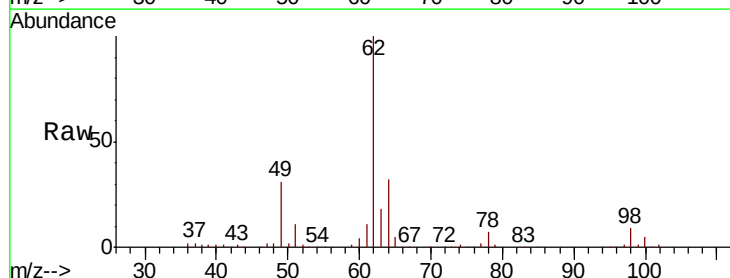
Acq: 09 May 2019 10:17

Tgt Ion: 62 Resp: 150554

Ion Ratio Lower Upper

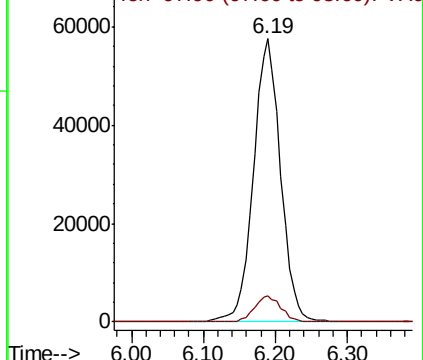
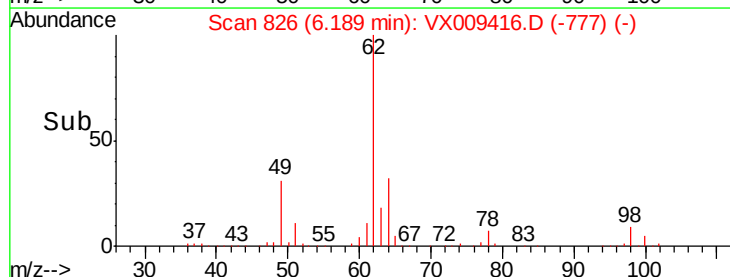
62 100

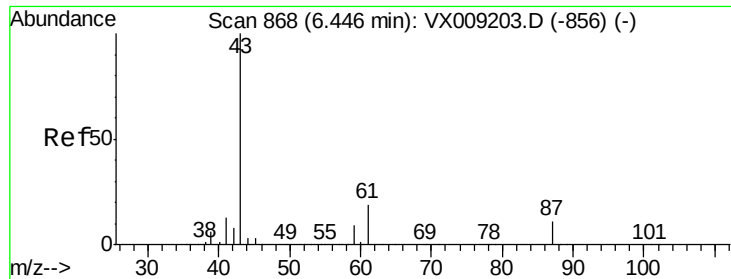
98 9.0 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.444 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

Instrument :

MSVOA_X

ClientSampled :

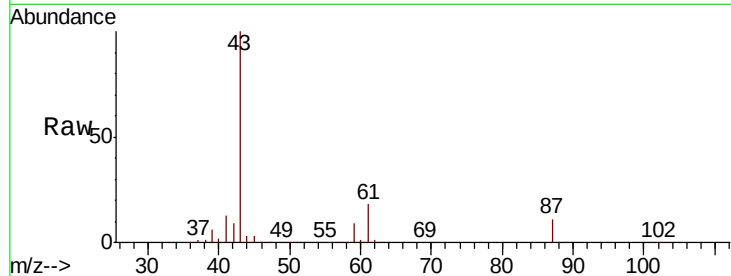
Tot Ion: 43 Resp: 294954

Ion Ratio Lower Upper

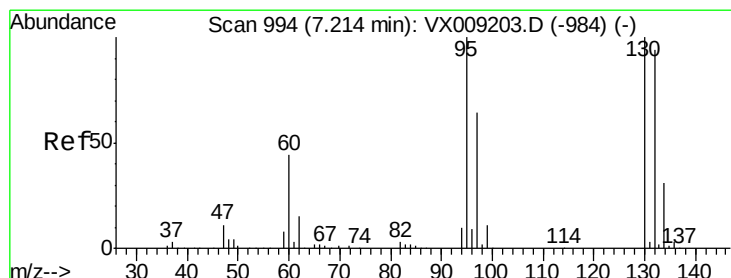
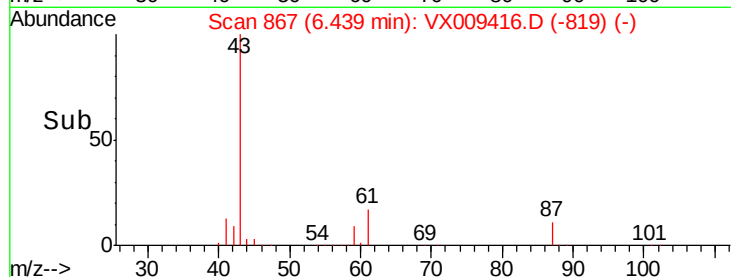
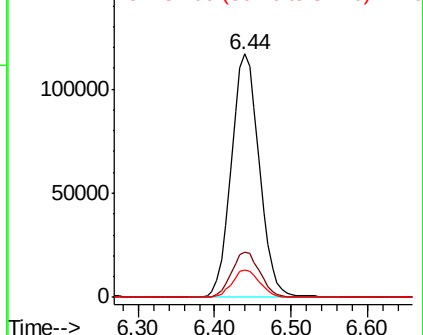
43 100

61 18.8 15.1 22.7

87 11.2 9.0 13.6



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: 54.392 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX009416.D

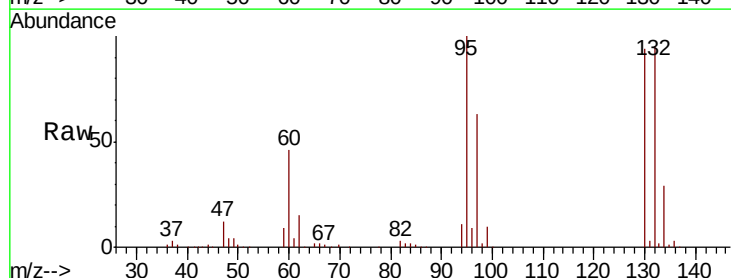
Acq: 09 May 2019 10:17

Tgt Ion:130 Resp: 102697

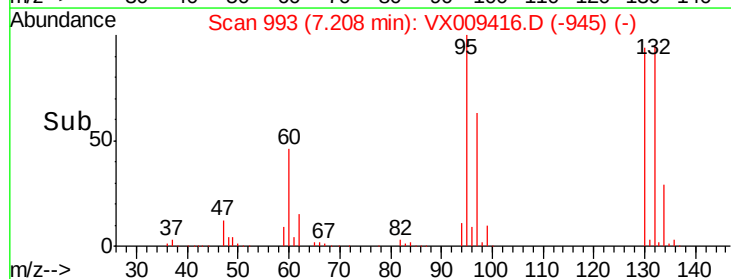
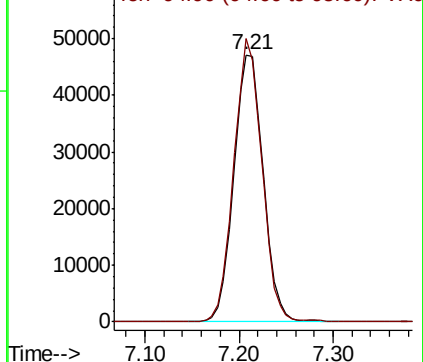
Ion Ratio Lower Upper

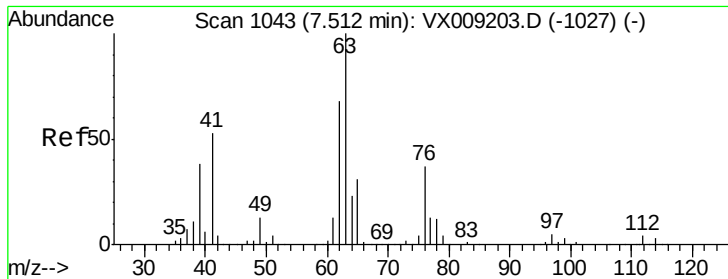
130 100

95 106.1 0.0 199.2



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





#45

1,2-Dichloropropane

Concen: 53.232 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

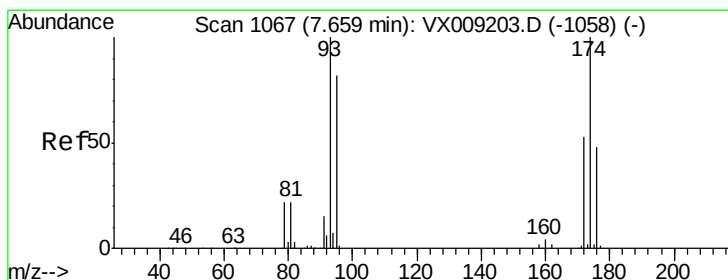
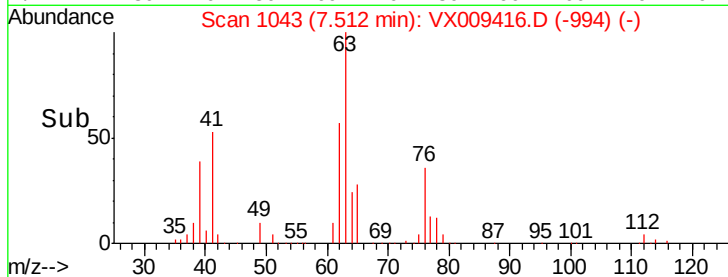
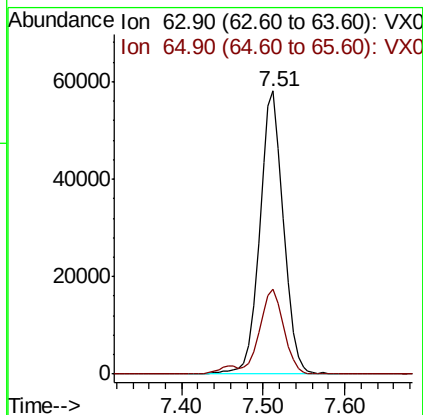
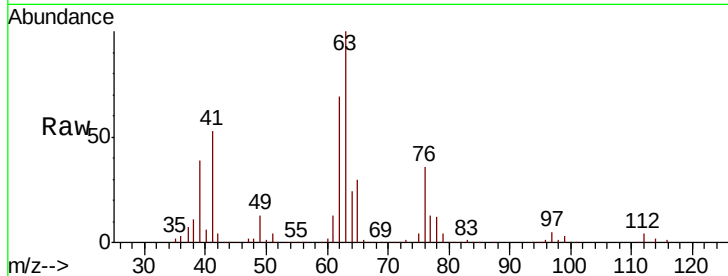
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 117723

Ion Ratio Lower Upper

63 100

65 29.7 25.0 37.6



#46

Dibromomethane

Concen: 53.095 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

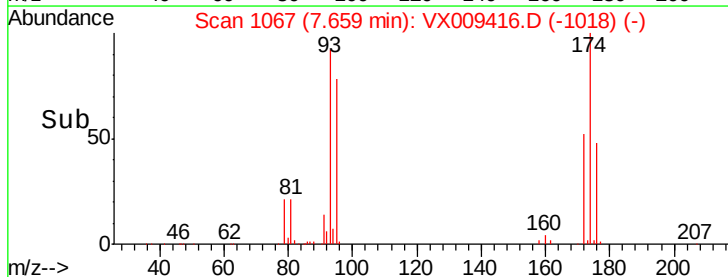
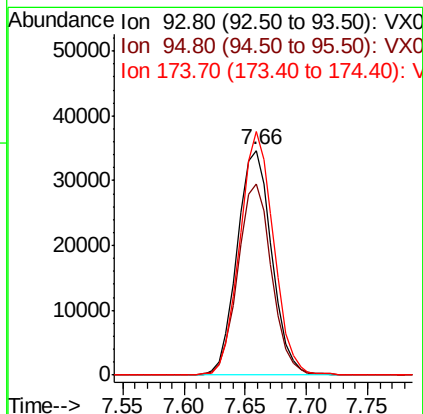
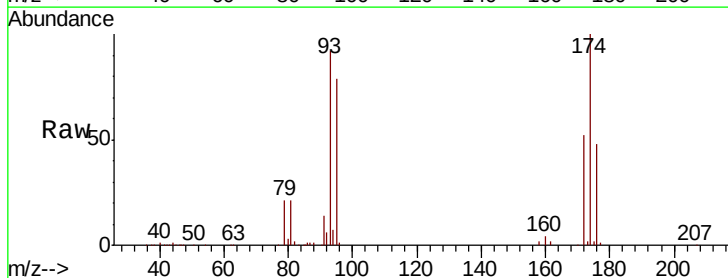
Tgt Ion: 93 Resp: 68186

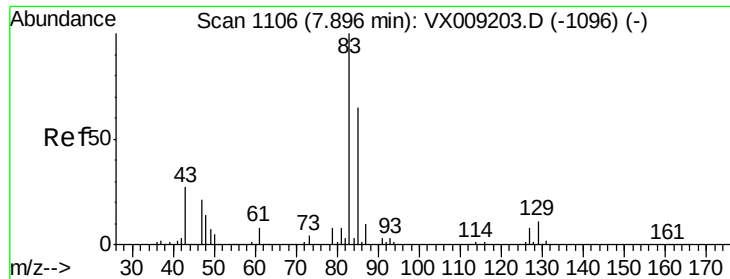
Ion Ratio Lower Upper

93 100

95 83.2 66.5 99.7

174 106.2 82.1 123.1





#47

Bromodichloromethane

Concen: 53.662 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

Instrument :

MSVOA_X

ClientSampled :

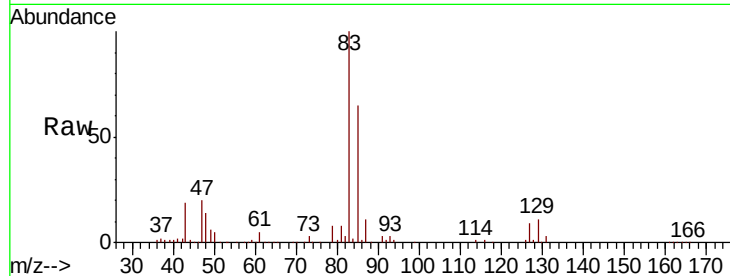
Tot Ion: 83 Resp: 137466

Ion Ratio Lower Upper

83 100

85 64.7 52.4 78.6

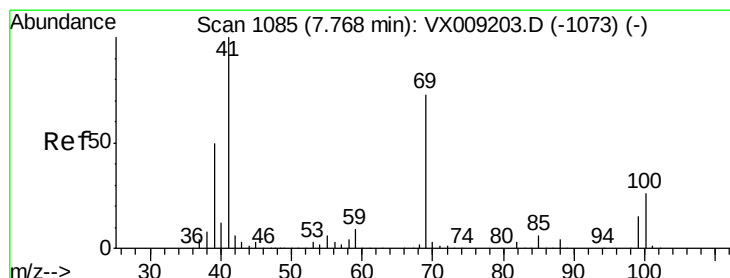
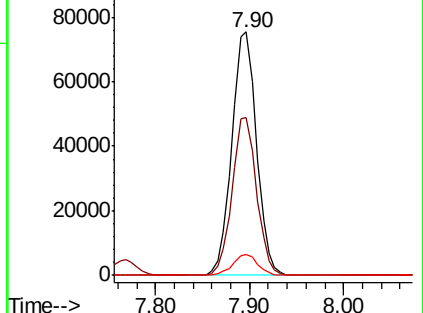
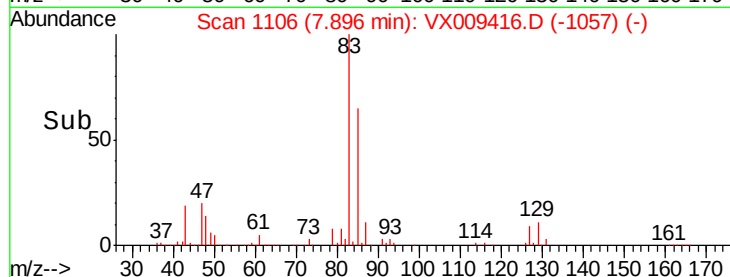
127 8.5 6.6 10.0



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: 53.153 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

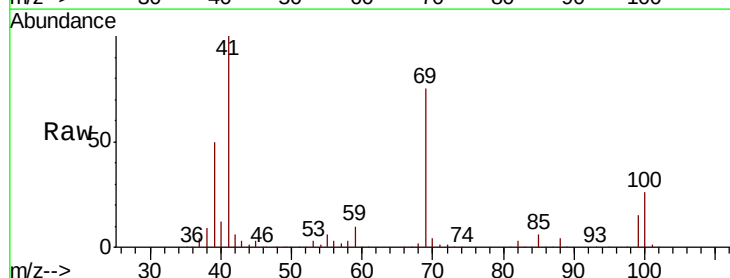
Tgt Ion: 41 Resp: 148314

Ion Ratio Lower Upper

41 100

69 74.0 59.1 88.7

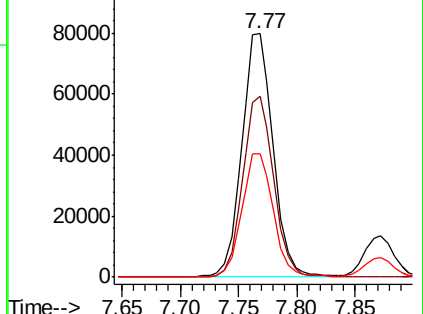
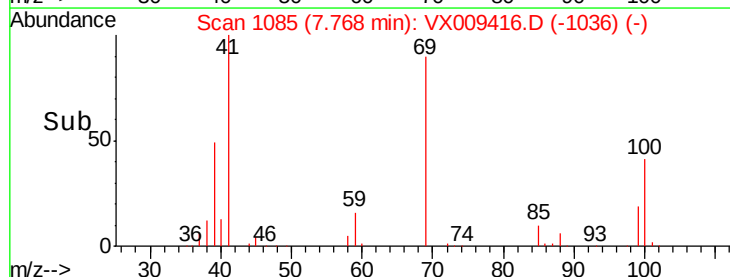
39 50.9 40.4 60.6

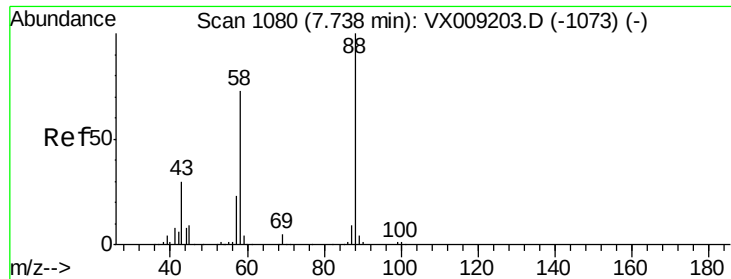


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1019.281 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

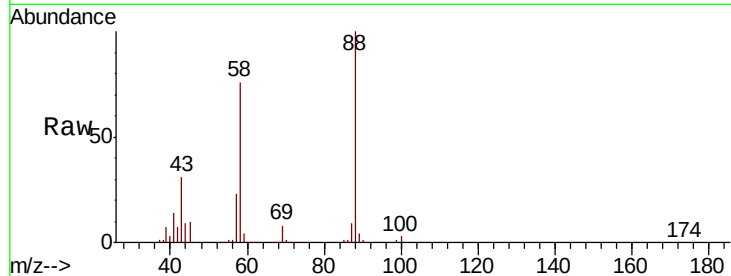
Tot Ion: 88 Resp: 57678

Ion Ratio Lower Upper

88 100

43 35.7 28.6 42.8

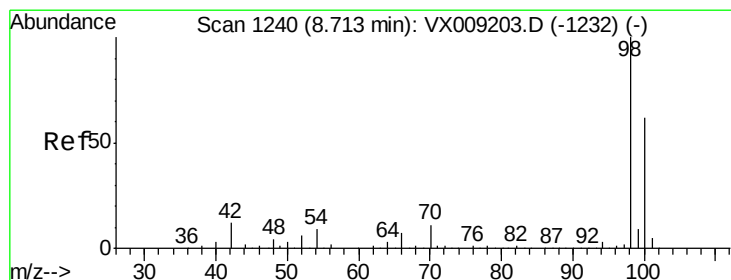
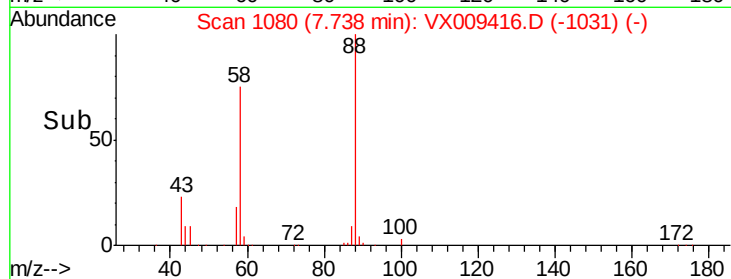
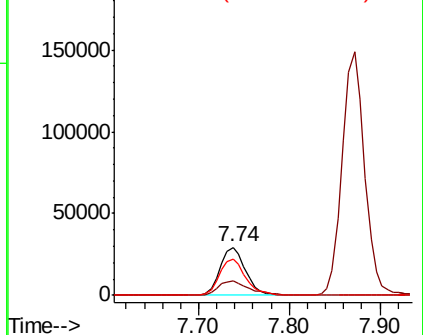
58 78.3 61.7 92.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.298 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009416.D

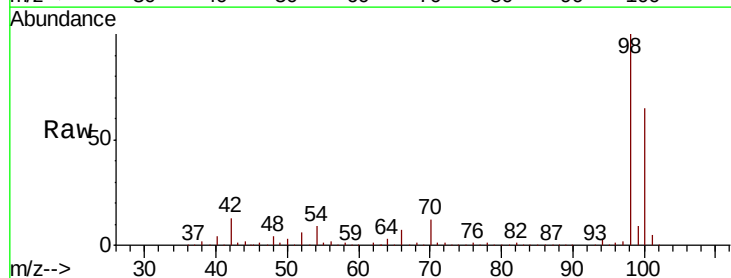
Acq: 09 May 2019 10:17

Tgt Ion: 98 Resp: 346652

Ion Ratio Lower Upper

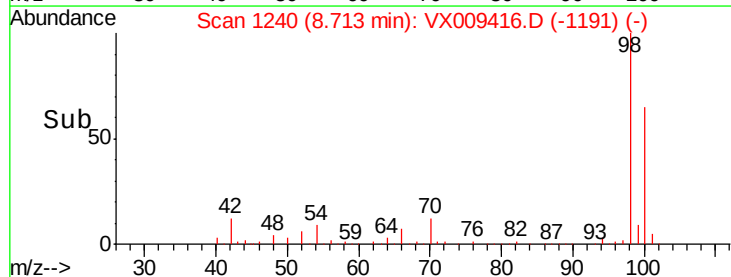
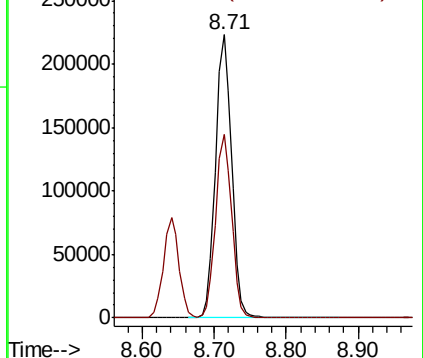
98 100

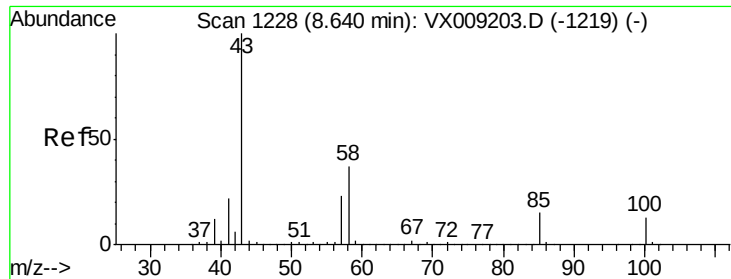
100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 260.618 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

Instrument :

MSVOA_X

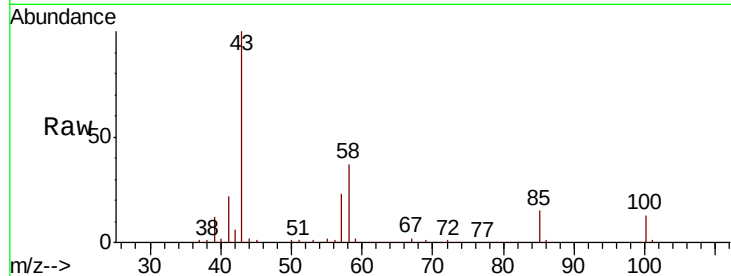
ClientSampleId :

Tot Ion: 43 Resp: 958055

Ion Ratio Lower Upper

43 100

58 37.0 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

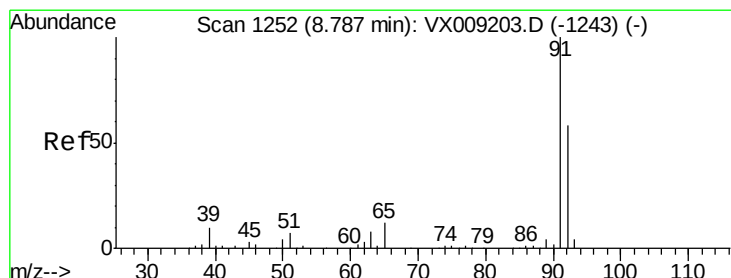
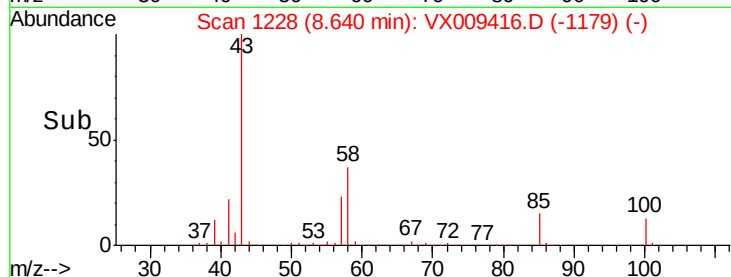
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 55.346 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009416.D

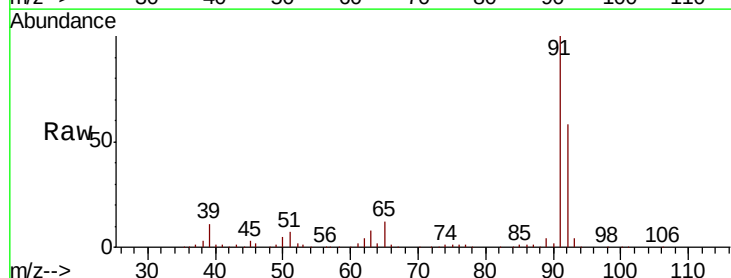
Acq: 09 May 2019 10:17

Tgt Ion: 92 Resp: 262758

Ion Ratio Lower Upper

92 100

91 172.9 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

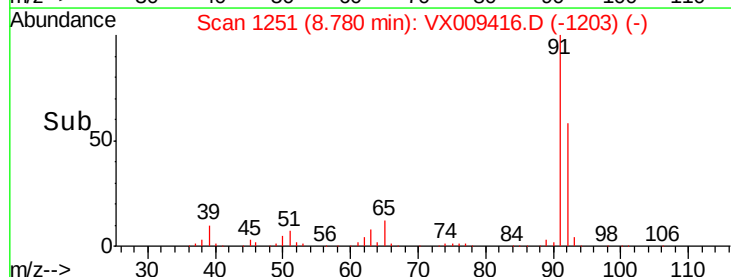
300000

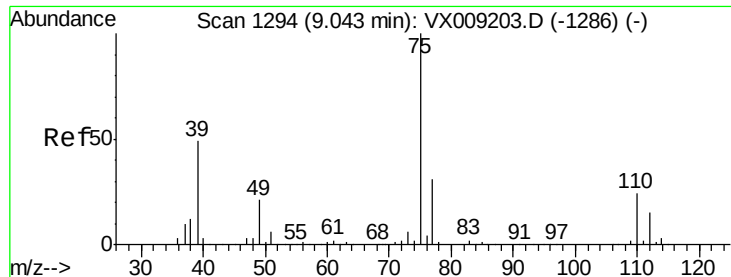
200000

100000

0

Time-->

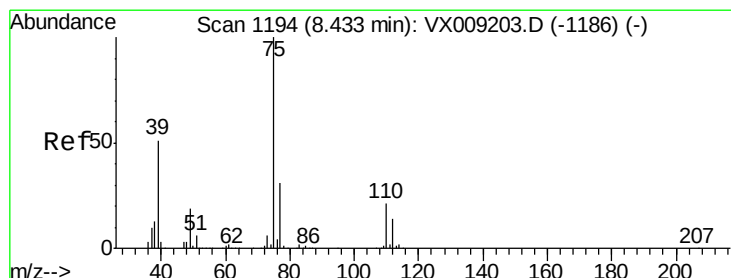
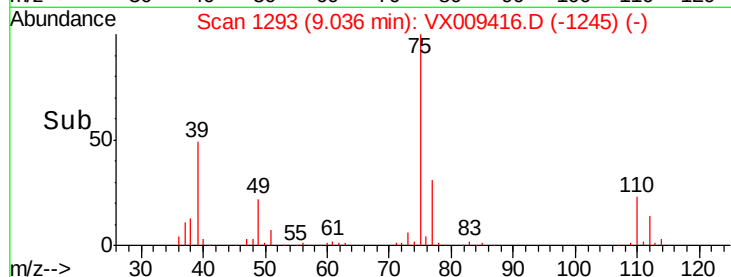
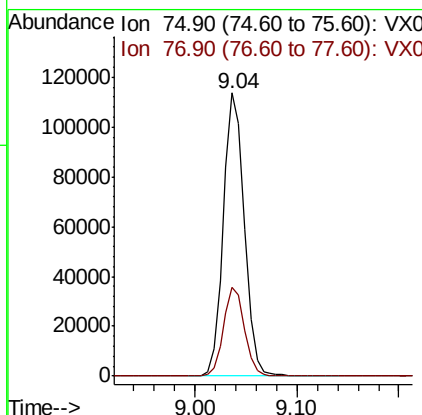
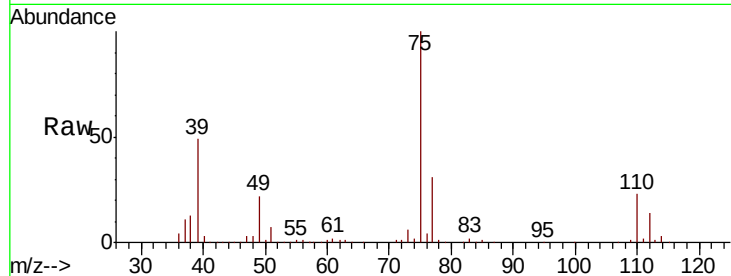




#53
t-1,3-Dichloropropene
Concen: 56.132 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

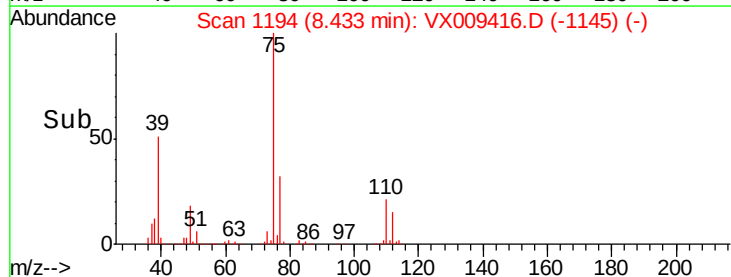
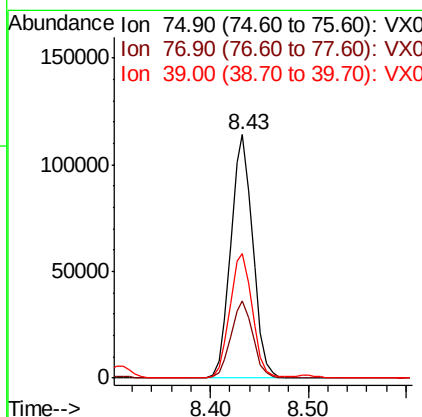
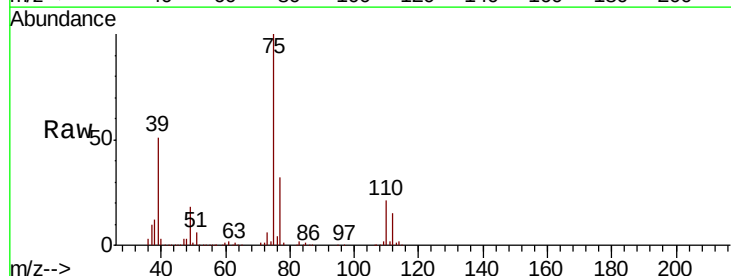
Instrument :
MSVOA_X
ClientSampleId :

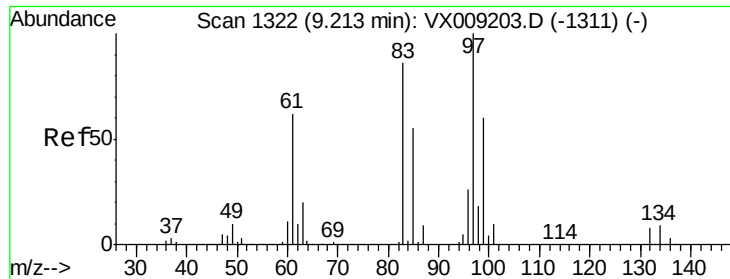
Tot Ion: 75 Resp: 162345
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 55.720 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

Tgt Ion: 75 Resp: 178371
Ion Ratio Lower Upper
75 100
77 31.6 24.6 36.8
39 51.0 40.6 60.8

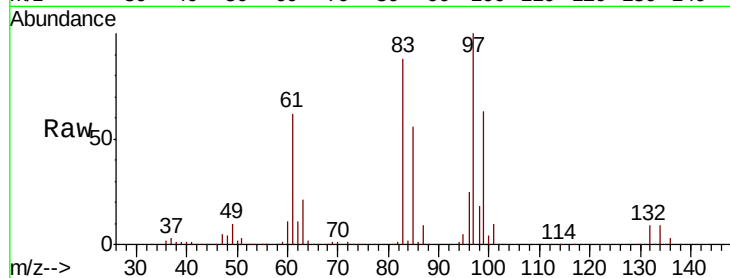




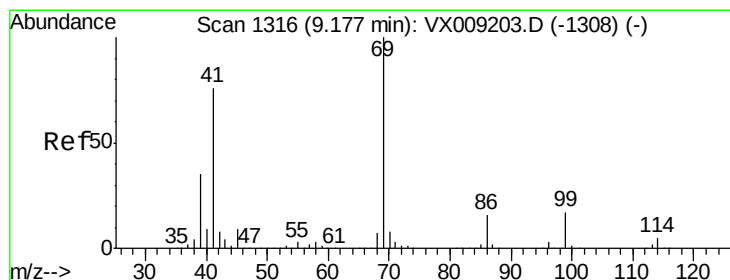
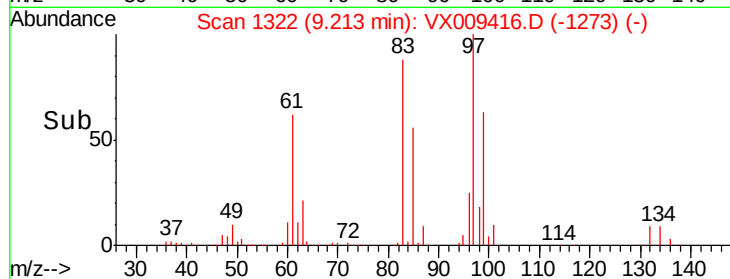
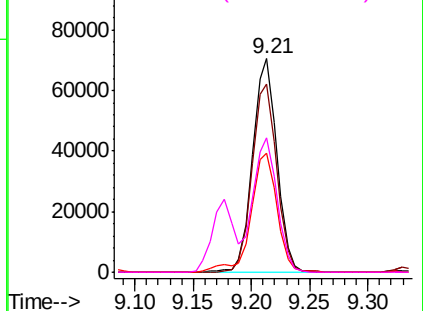
#55
 1,1,2-Trichloroethane
 Concen: 53.204 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009416.D
 Acq: 09 May 2019 10:17

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	103049
Ion	Ratio	Lower	Upper
97	100		
83	88.1	68.9	103.3
85	55.8	43.8	65.6
99	62.8	48.2	72.2

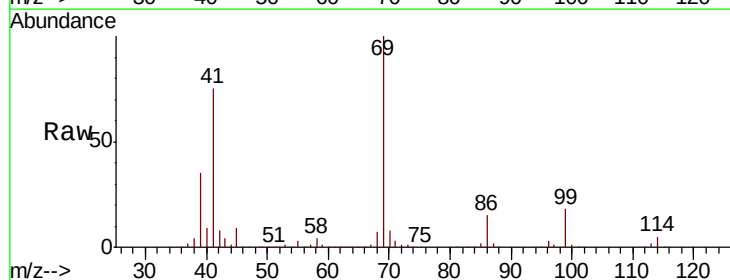


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

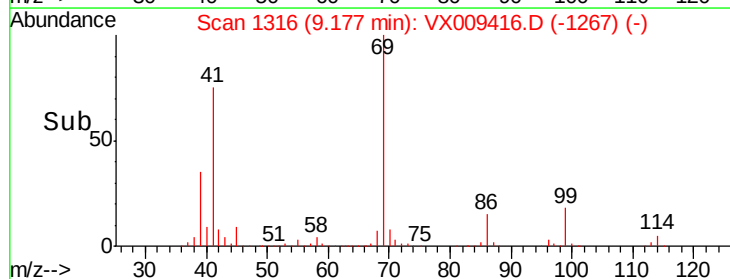
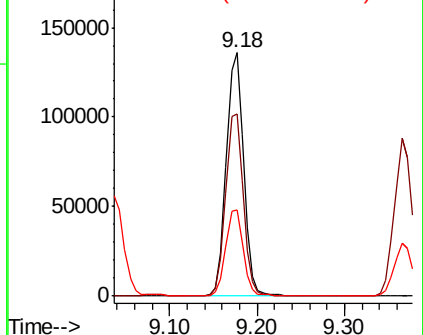


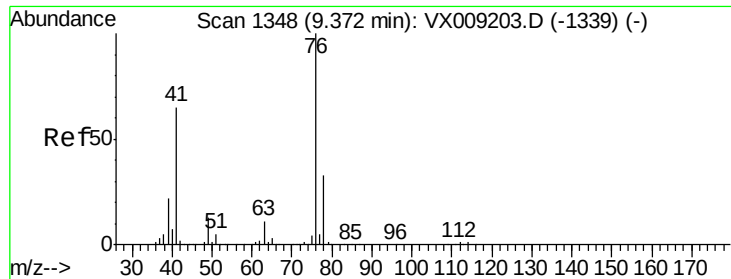
#56
 Ethyl methacrylate
 Concen: 54.035 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009416.D
 Acq: 09 May 2019 10:17

Tgt Ion:	69	Resp:	186819
Ion	Ratio	Lower	Upper
69	100		
41	76.0	60.6	90.8
39	36.0	28.2	42.4



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

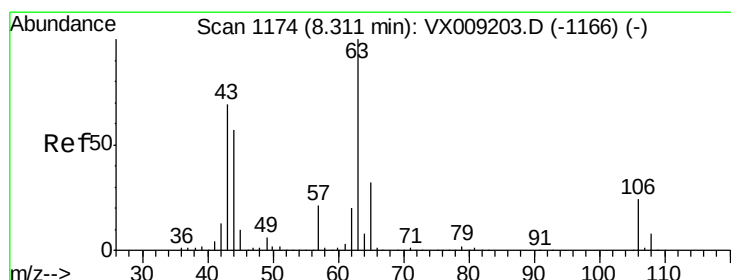
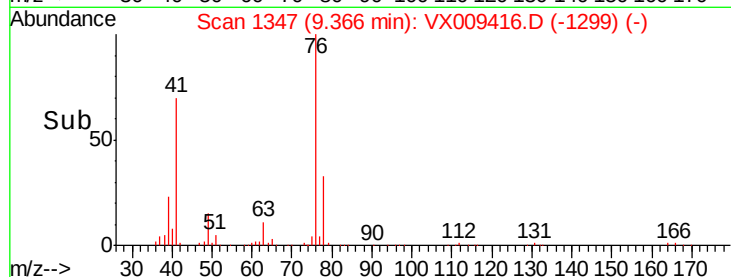
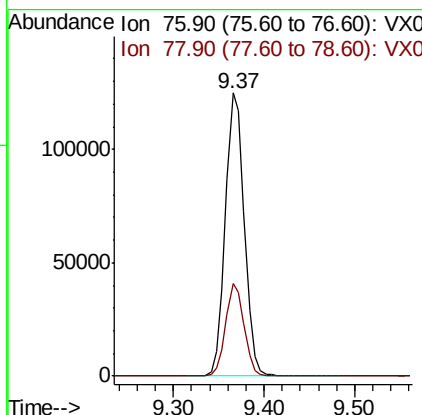
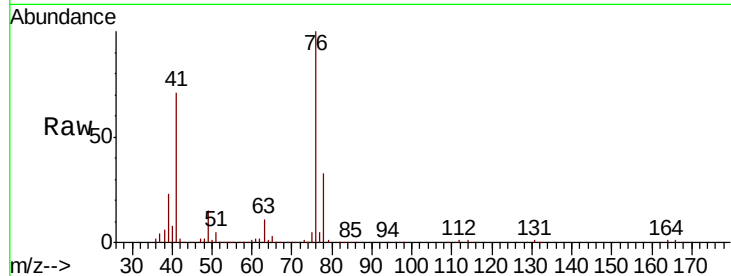




#57
 1,3-Dichloropropane
 Concen: 53.177 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX009416.D
 Acq: 09 May 2019 10:17

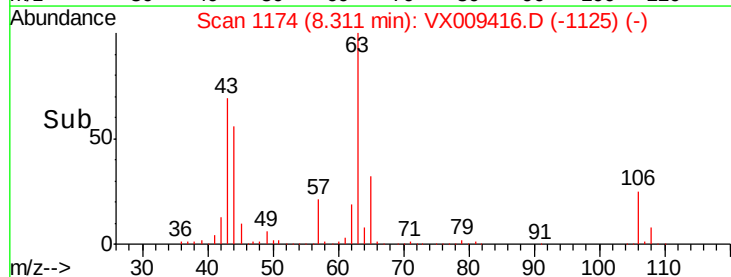
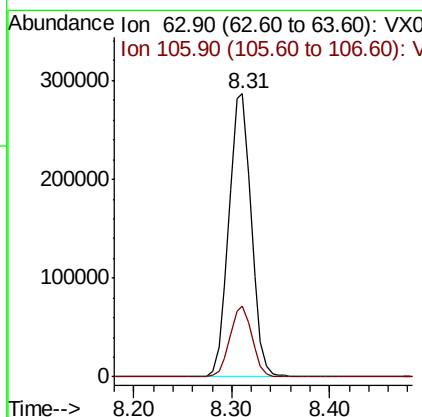
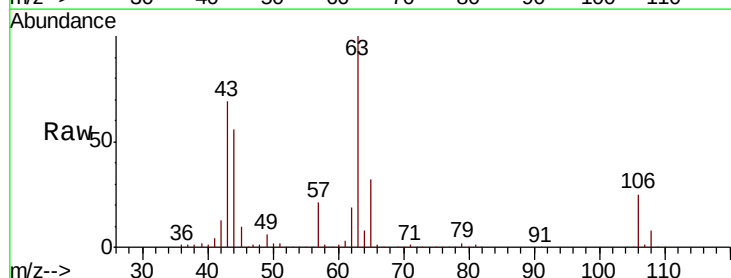
Instrument :
 MSVOA_X
 ClientSampleId :

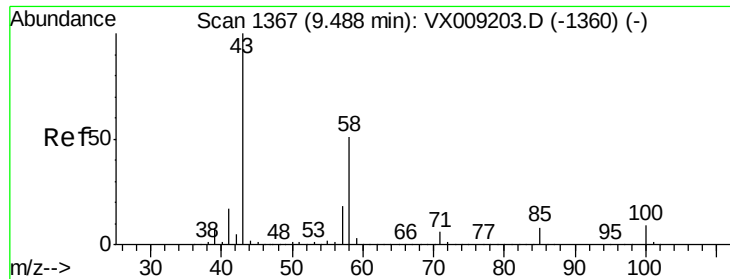
Tot Ion: 76 Resp: 181247
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.546 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009416.D
 Acq: 09 May 2019 10:17

Tgt Ion: 63 Resp: 457703
 Ion Ratio Lower Upper
 63 100
 106 24.6 19.7 29.5

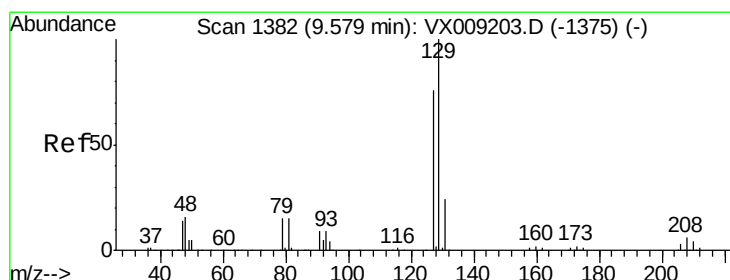
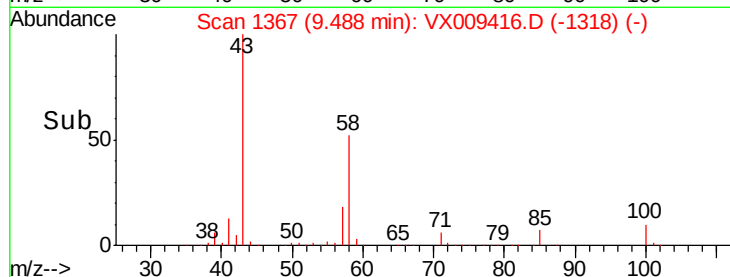
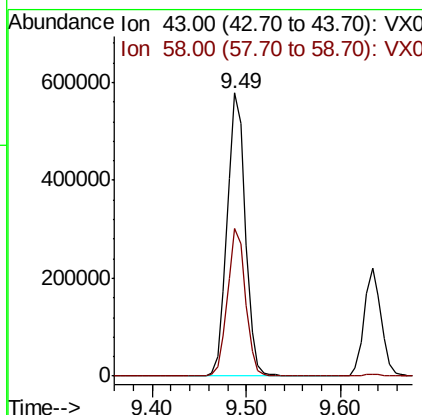
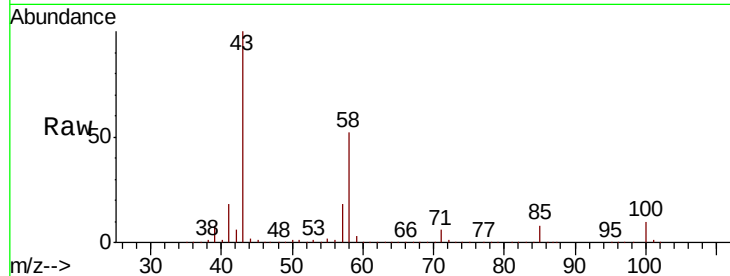




#59
2-Hexanone
Concen: 268.917 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

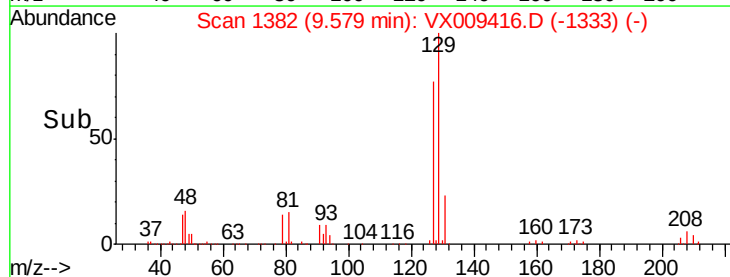
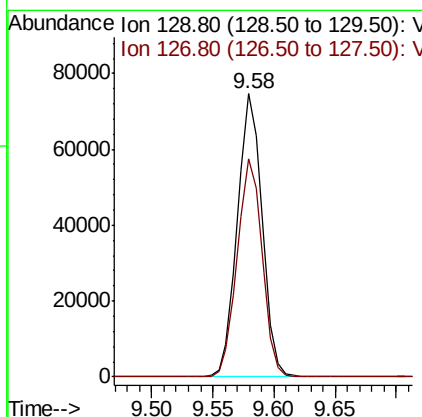
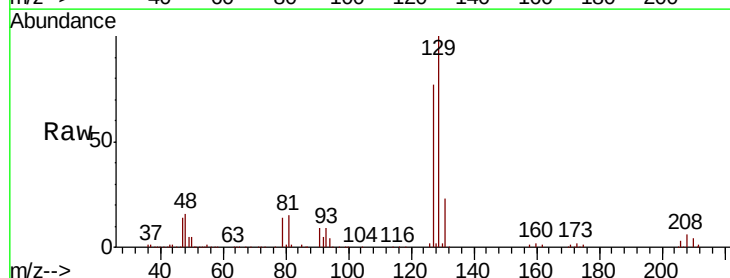
Instrument :
MSVOA_X
ClientSampleId :

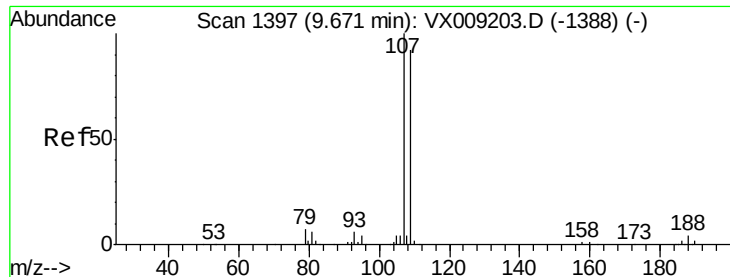
Tot Ion: 43 Resp: 776407
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.7



#60
Dibromochloromethane
Concen: 55.071 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

Tgt Ion: 129 Resp: 104177
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 54.592 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

Instrument :

MSVOA_X

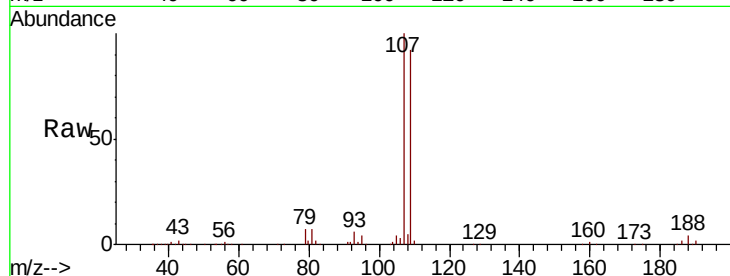
ClientSampleId :

Tot Ion:107 Resp: 106735

Ion Ratio Lower Upper

107 100

109 93.7 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

80000

60000

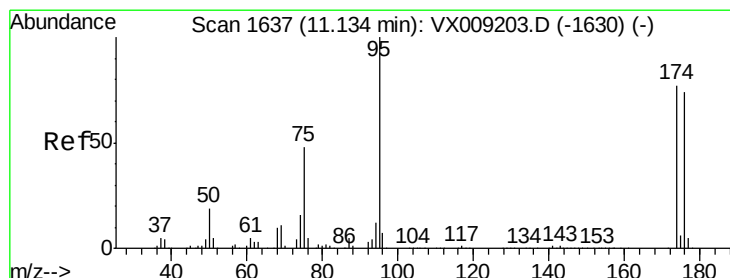
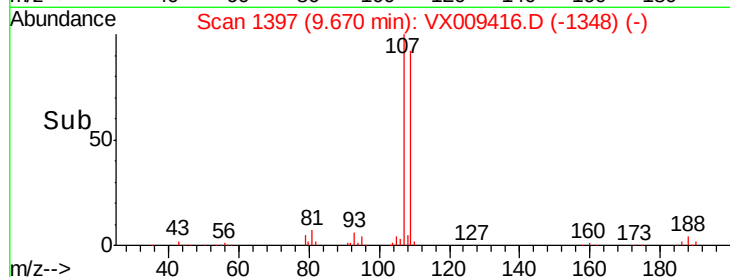
40000

20000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 51.660 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

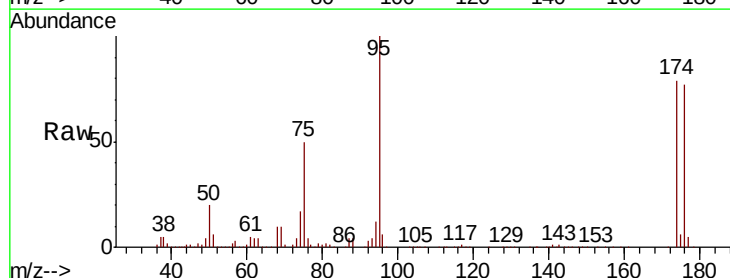
Tgt Ion: 95 Resp: 129371

Ion Ratio Lower Upper

95 100

174 82.8 0.0 161.6

176 80.5 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

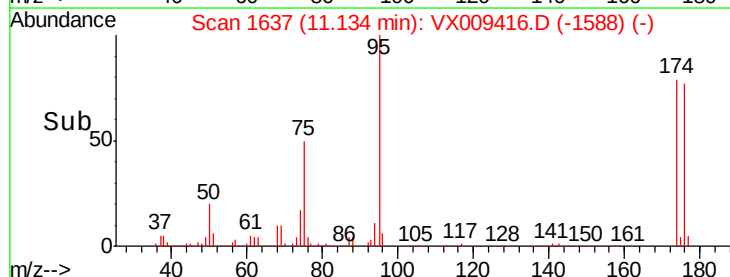
100000

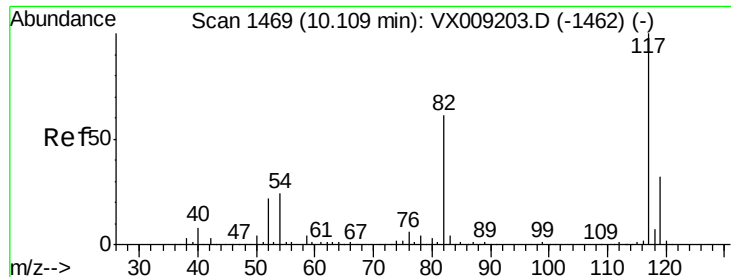
50000

0

11.10 11.20

Time-->

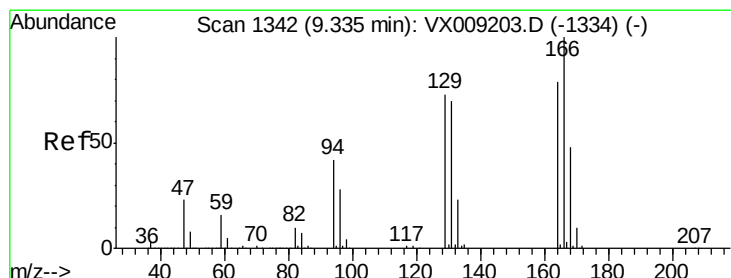
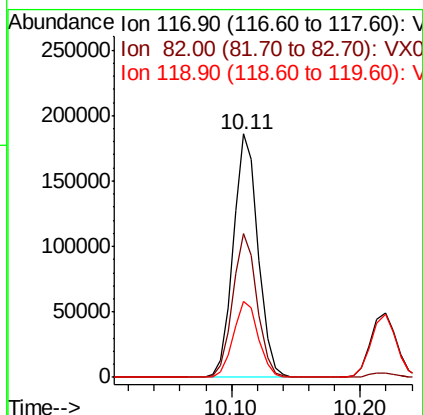
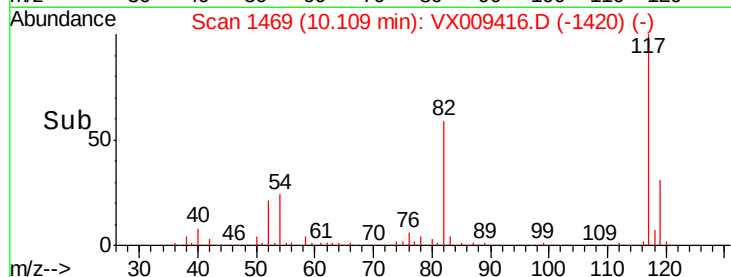
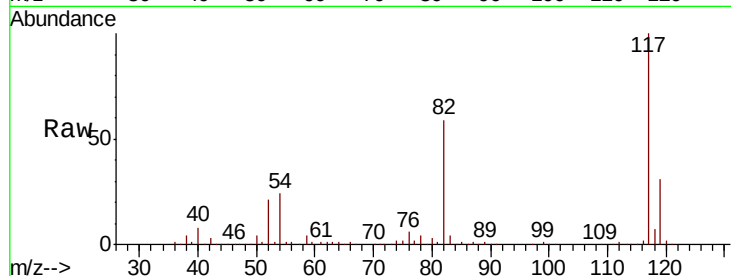




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

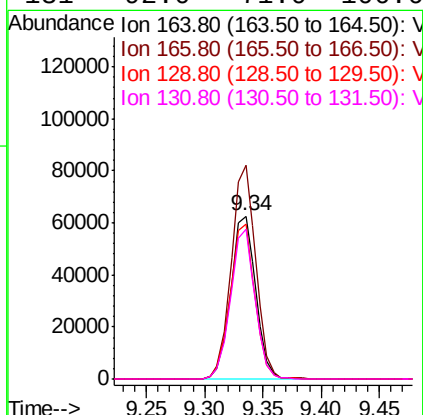
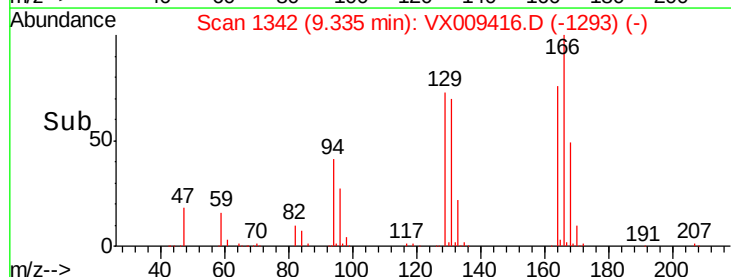
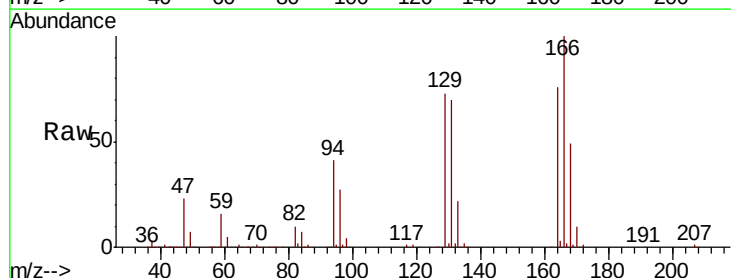
Instrument :
MSVOA_X
ClientSampled :

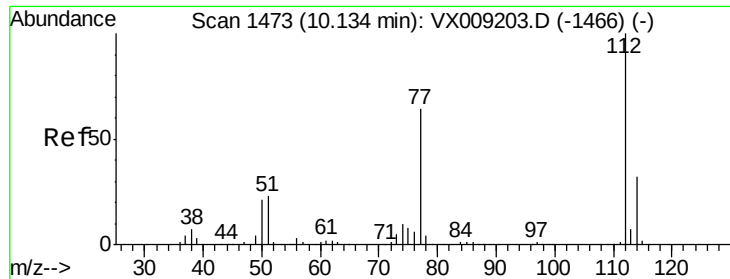
Tot Ion:117 Resp: 248528
Ion Ratio Lower Upper
117 100
82 59.0 48.8 73.2
119 31.3 25.8 38.6



#64
Tetrachloroethene
Concen: 54.878 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

Tgt Ion:164 Resp: 93555
Ion Ratio Lower Upper
164 100
166 131.2 101.2 151.8
129 95.2 74.3 111.5
131 92.0 71.0 106.6

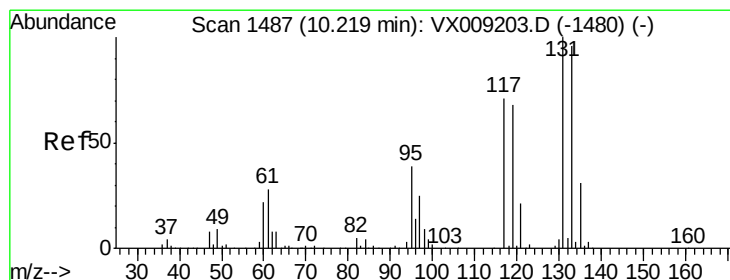
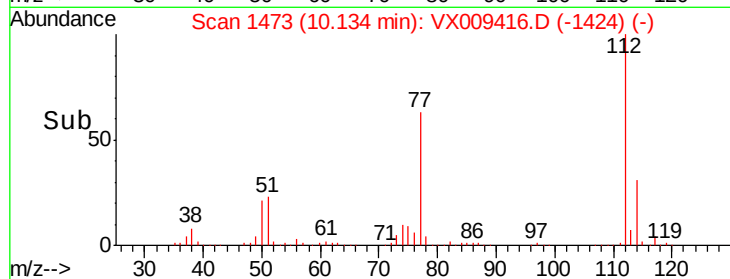
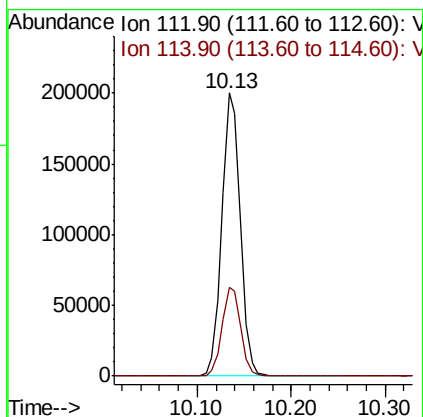
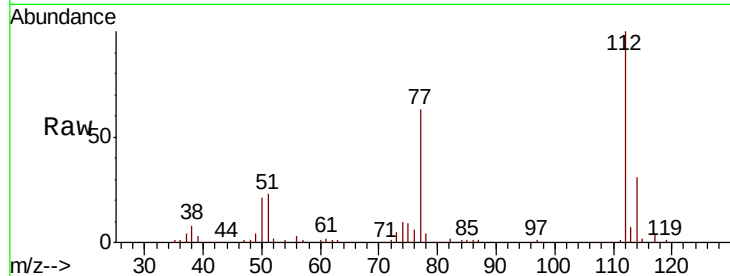




#65
Chlorobenzene
Concen: 54.555 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

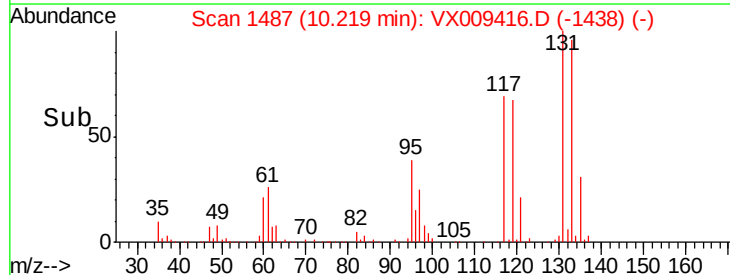
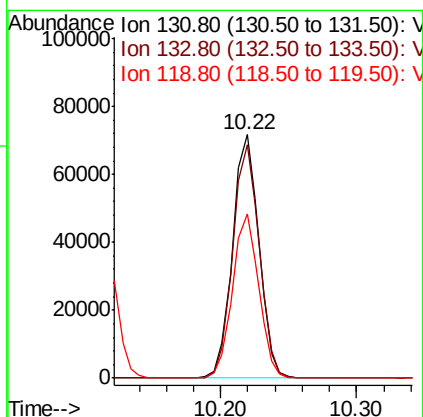
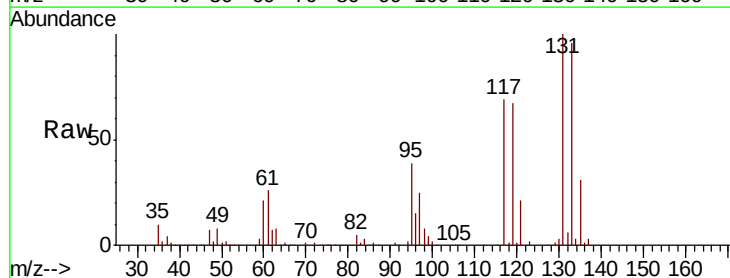
Instrument :
MSVOA_X
ClientSampled :

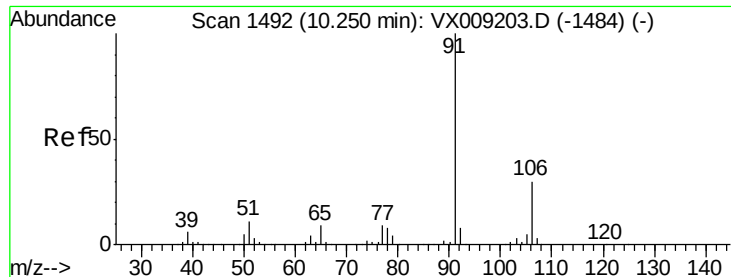
Tot Ion:112 Resp: 271228
Ion Ratio Lower Upper
112 100
114 31.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 53.534 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

Tgt Ion:131 Resp: 96491
Ion Ratio Lower Upper
131 100
133 96.4 47.7 143.1
119 67.3 33.5 100.4

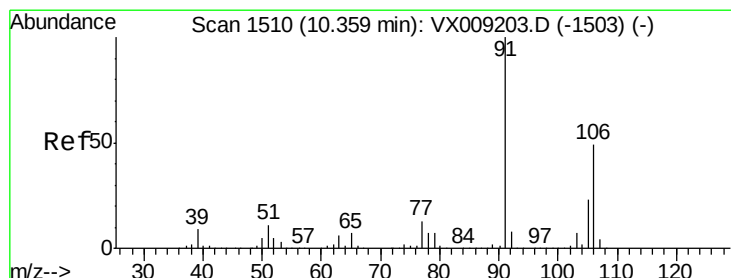
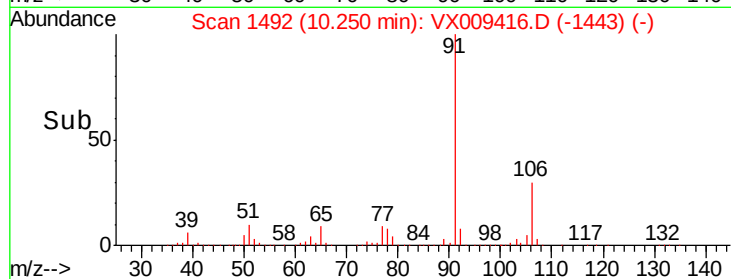
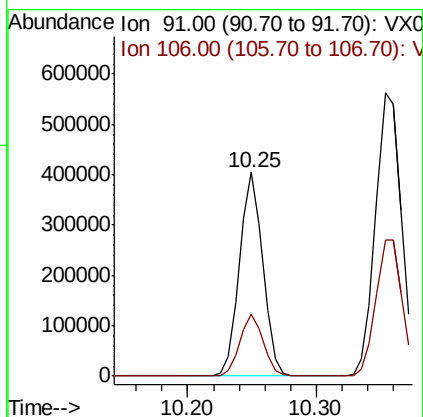
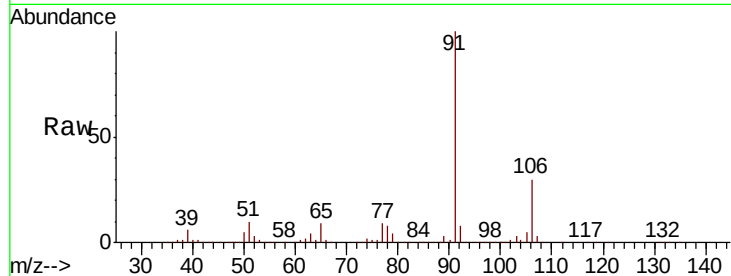




#67
Ethyl Benzene
Concen: 55.626 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

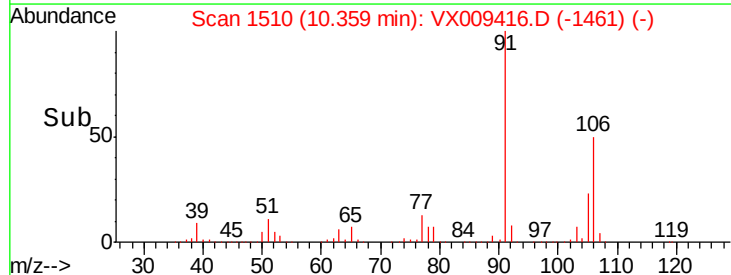
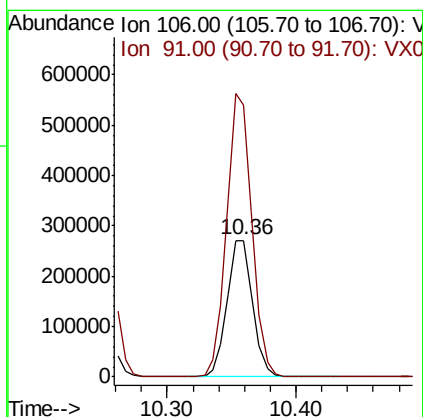
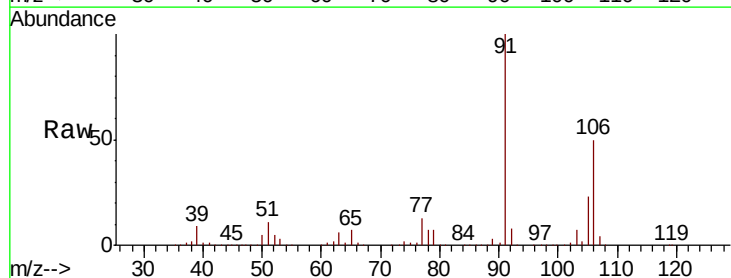
Instrument :
MSVOA_X
ClientSampled :

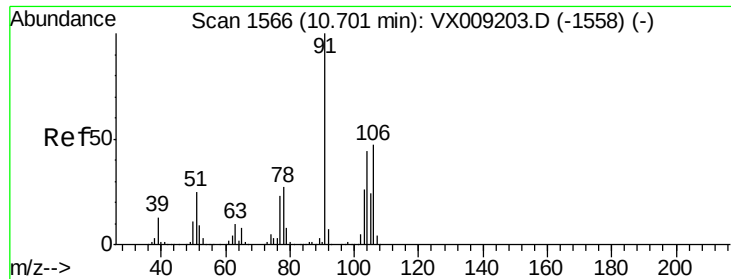
Tot Ion: 91 Resp: 508965
Ion Ratio Lower Upper
91 100
106 30.2 24.0 36.0



#68
m/p-Xylenes
Concen: 113.259 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

Tgt Ion: 106 Resp: 378694
Ion Ratio Lower Upper
106 100
91 205.0 164.0 246.0

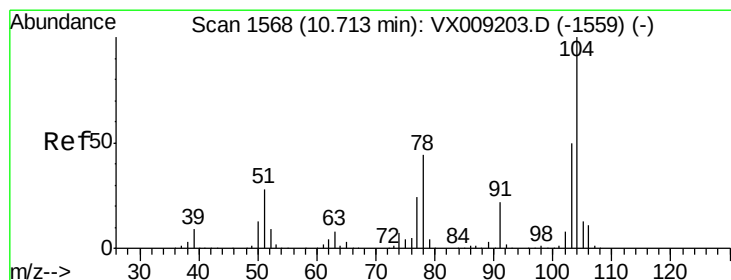
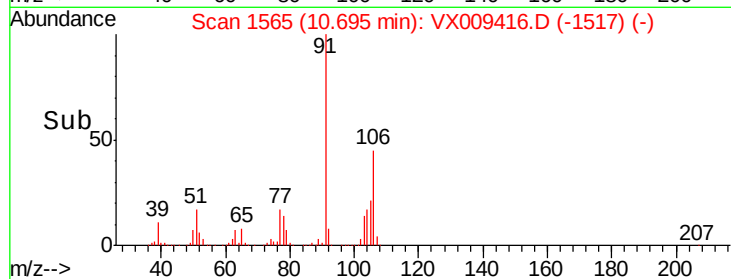
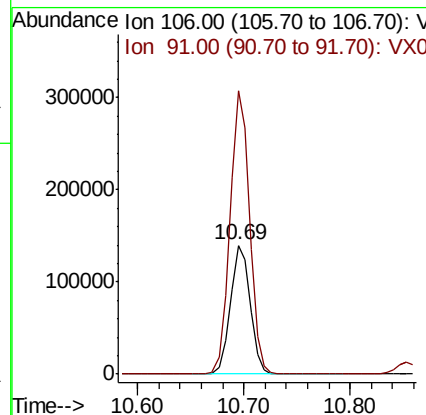
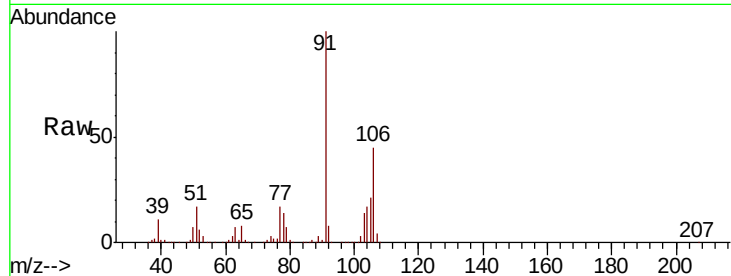




#69
o-Xylene
Concen: 55.064 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

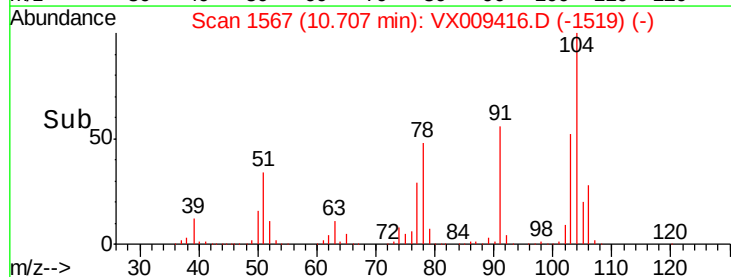
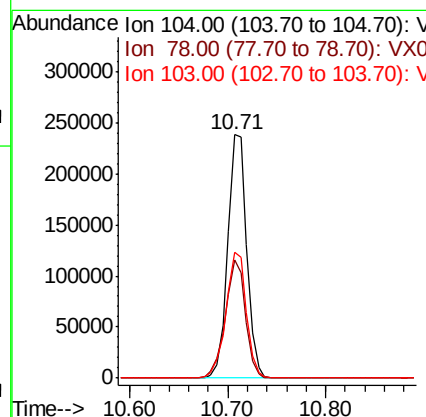
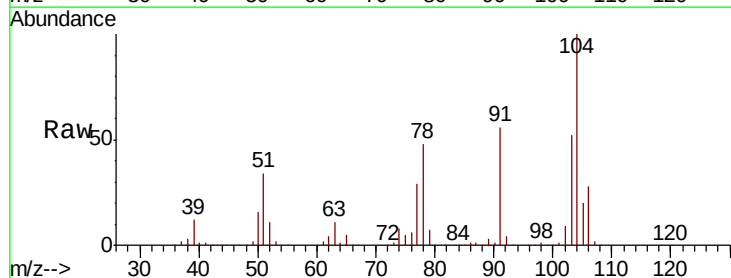
Instrument :
MSVOA_X
ClientSampleId :

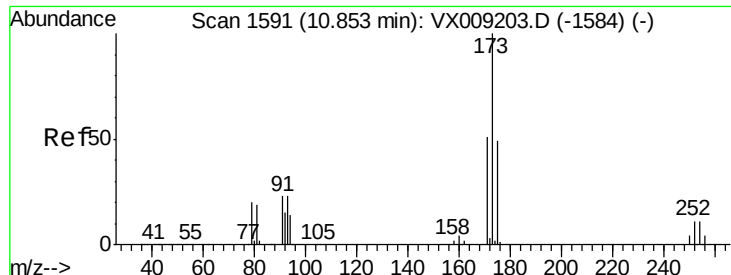
Tot Ion:106 Resp: 181656
Ion Ratio Lower Upper
106 100
91 217.6 109.5 328.4



#70
Styrene
Concen: 56.036 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

Tgt Ion:104 Resp: 321306
Ion Ratio Lower Upper
104 100
78 51.1 41.0 61.4
103 55.4 43.8 65.6





#71

Bromoform

Concen: 54.519 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

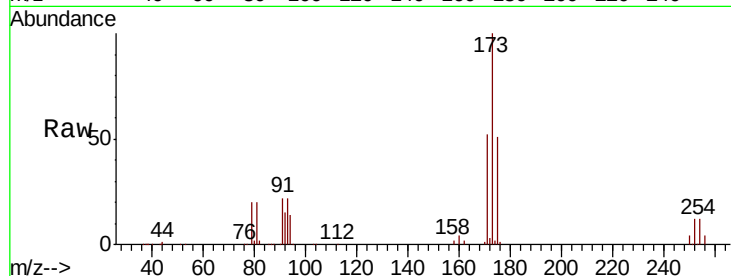
Tot Ion:173 Resp: 79857

Ion Ratio Lower Upper

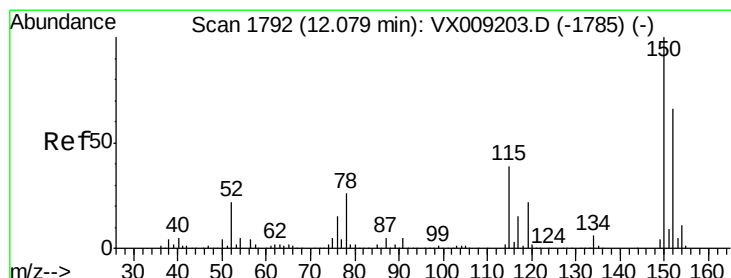
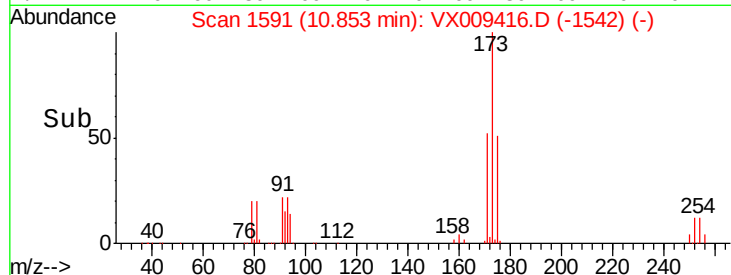
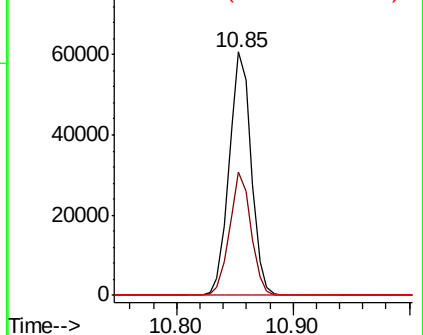
173 100

175 49.4 24.5 73.5

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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

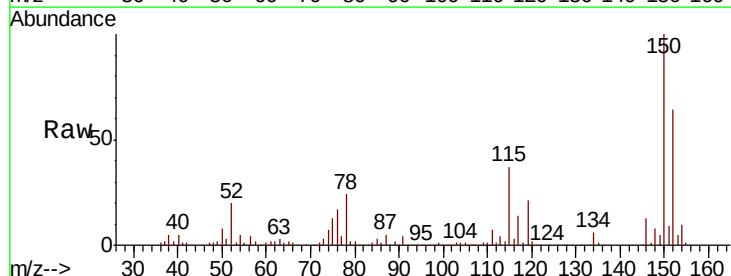
Tgt Ion:152 Resp: 129020

Ion Ratio Lower Upper

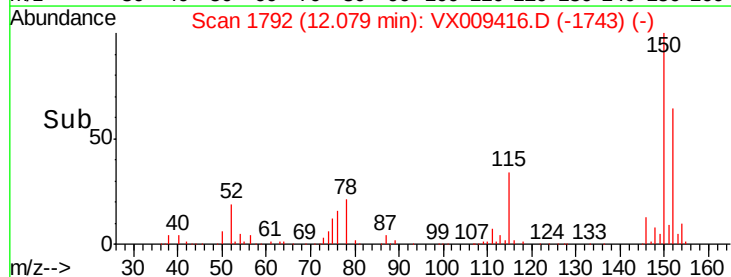
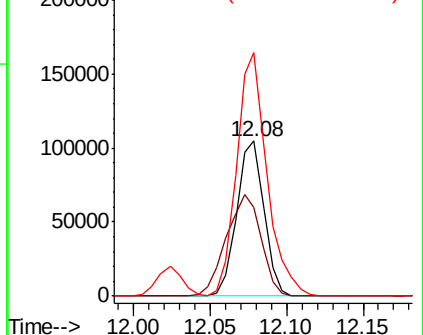
152 100

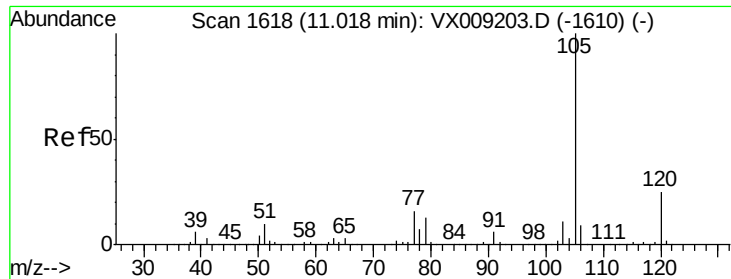
115 83.4 41.2 123.6

150 174.2 0.0 346.4



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





#73

Isopropylbenzene

Concen: 52.256 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

Instrument :

MSVOA_X

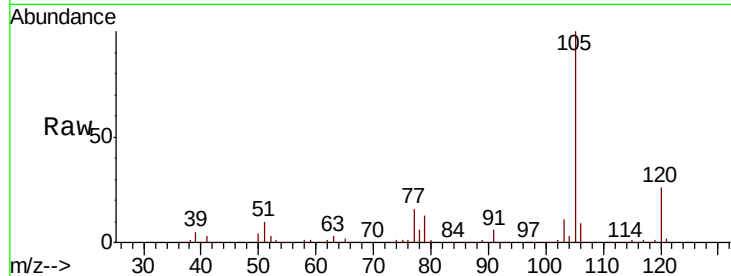
ClientSampleId :

Tot Ion:105 Resp: 490272

Ion Ratio Lower Upper

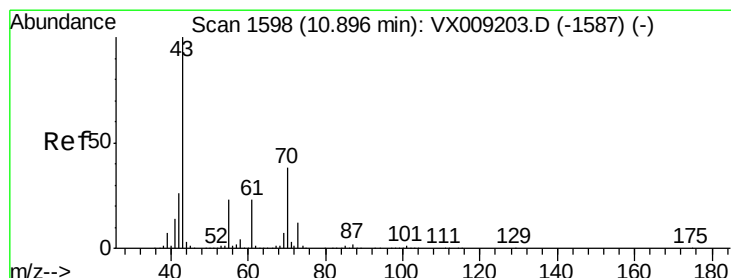
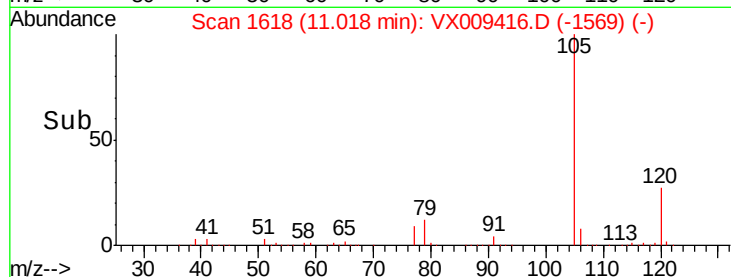
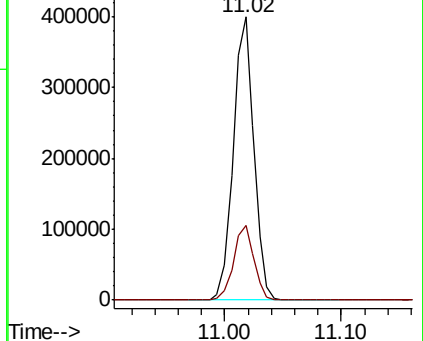
105 100

120 26.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.277 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

Tgt Ion: 43 Resp: 280481

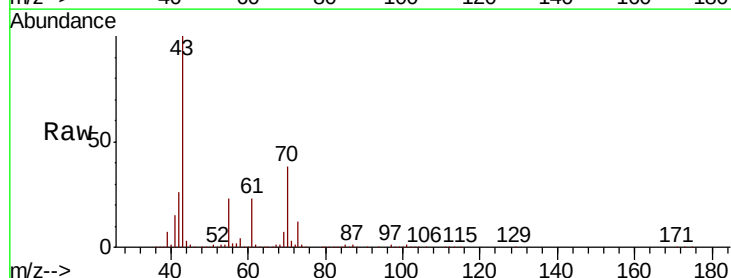
Ion Ratio Lower Upper

43 100

70 37.2 30.0 45.0

55 22.9 17.9 26.9

61 22.4 18.4 27.6

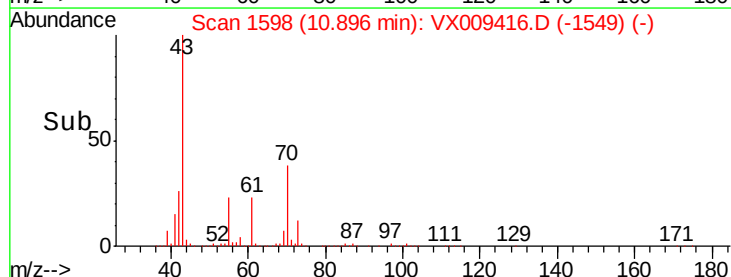
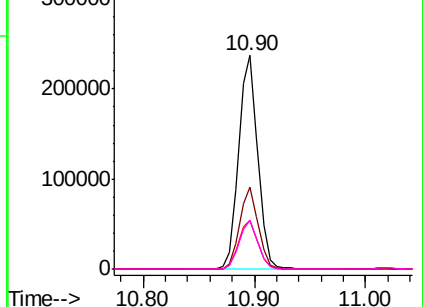


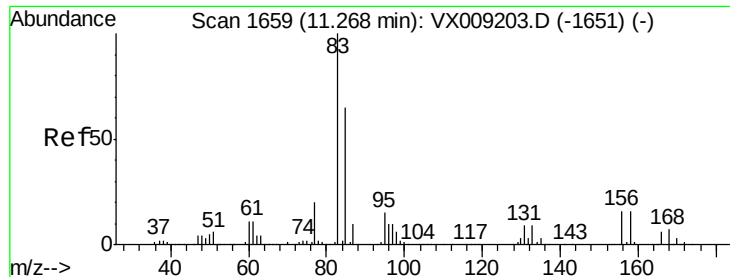
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.268 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

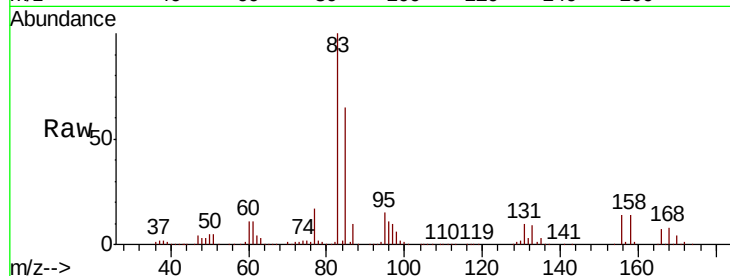
Tot Ion: 83 Resp: 172317

Ion Ratio Lower Upper

83 100

131 9.8 4.6 13.8

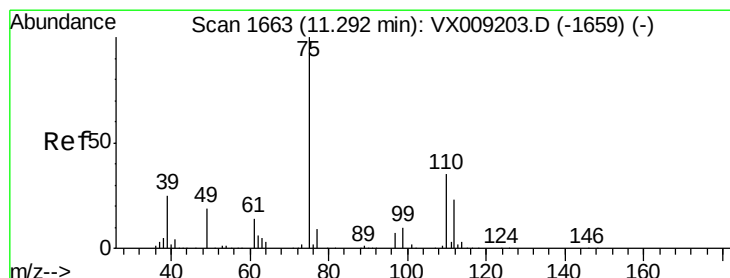
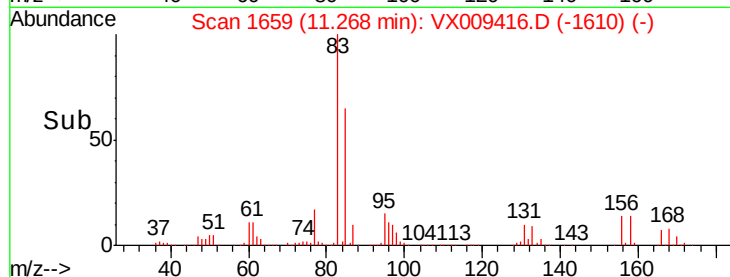
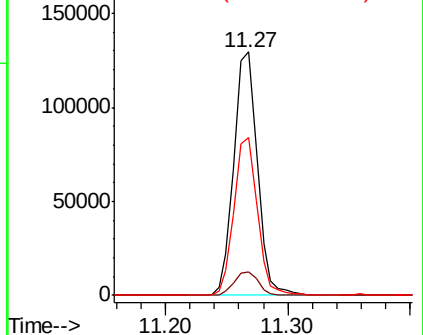
85 64.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.409 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009416.D

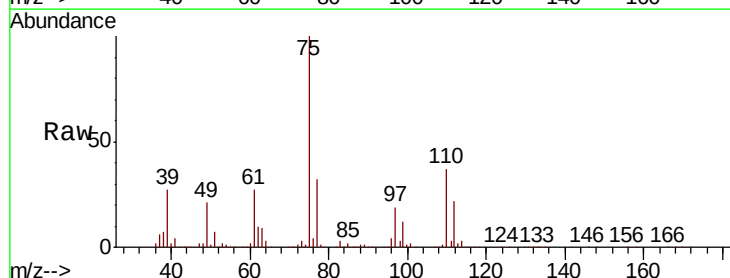
Acq: 09 May 2019 10:17

Tgt Ion: 75 Resp: 201741

Ion Ratio Lower Upper

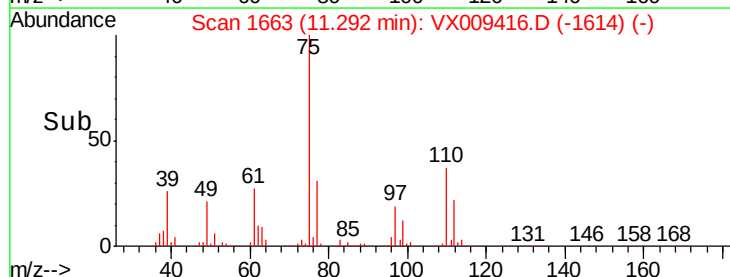
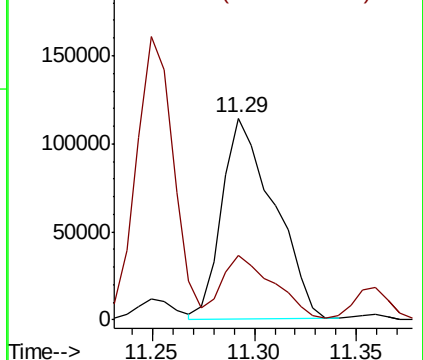
75 100

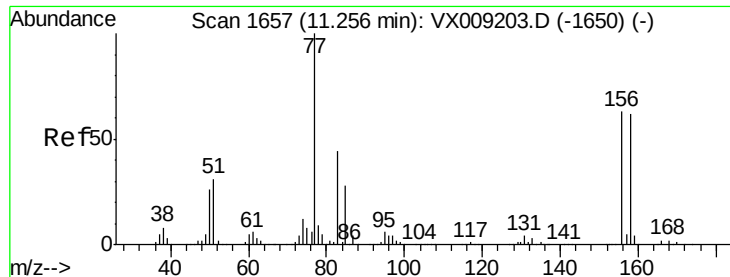
77 32.0 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.401 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

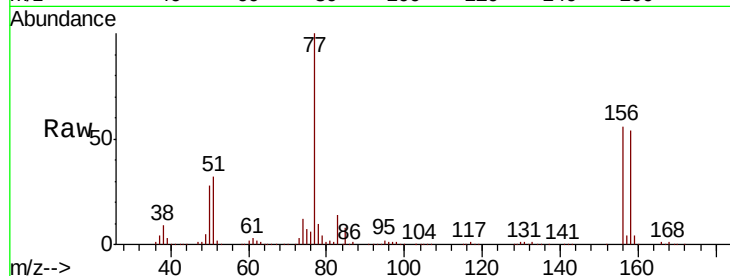
Tot Ion:156 Resp: 119697

Ion Ratio Lower Upper

156 100

77 170.0 84.8 254.3

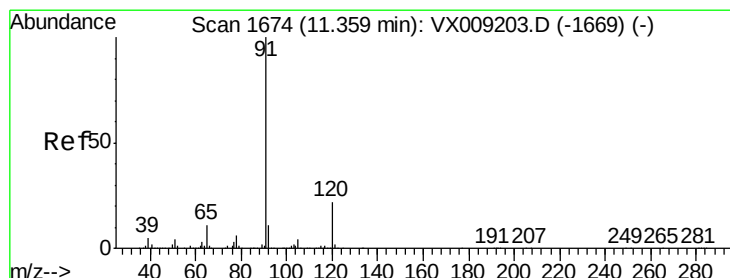
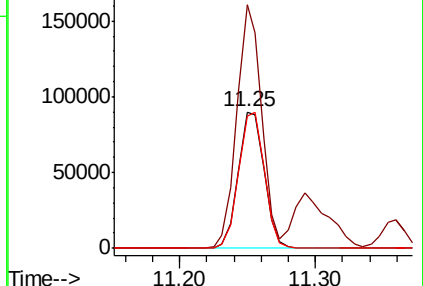
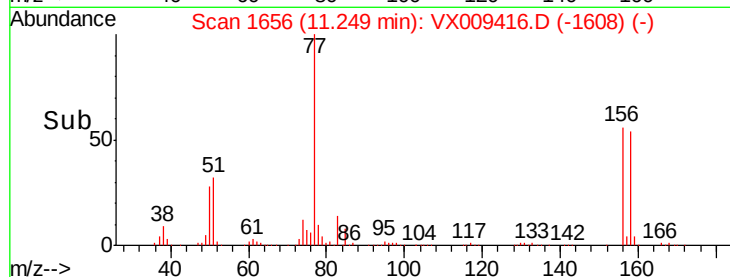
158 99.1 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.633 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009416.D

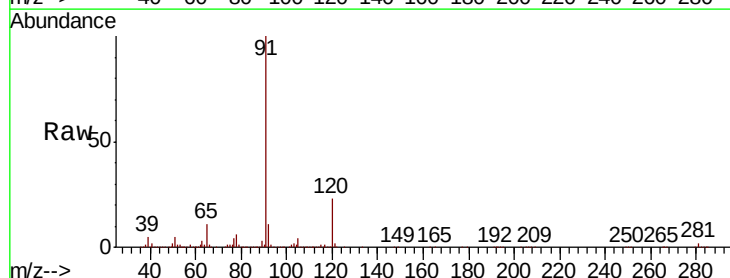
Acq: 09 May 2019 10:17

Tgt Ion: 91 Resp: 574678

Ion Ratio Lower Upper

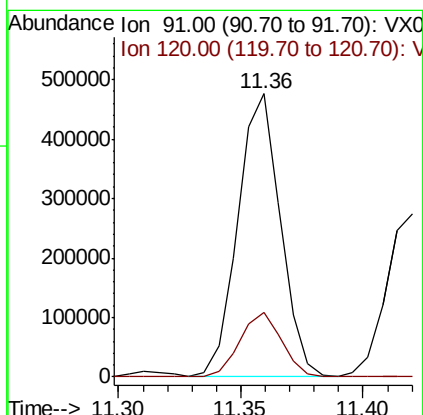
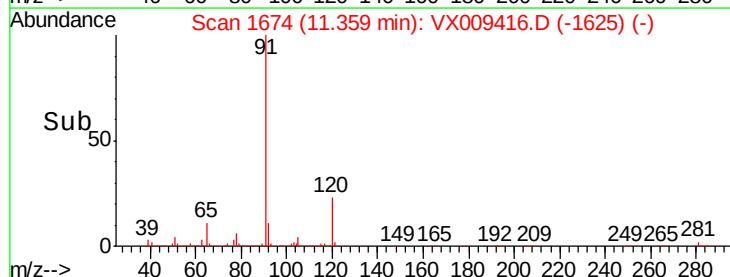
91 100

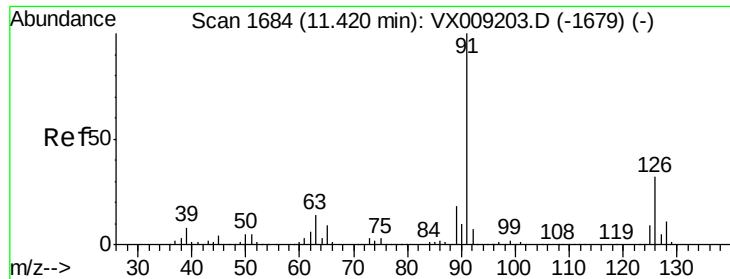
120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

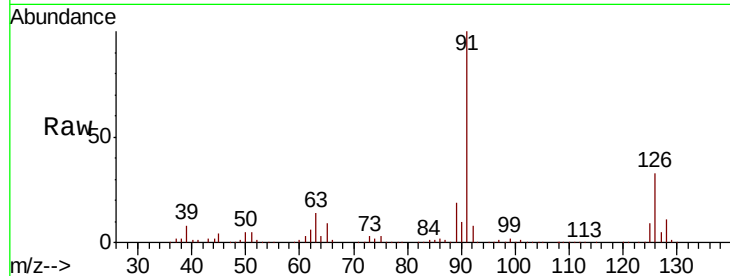




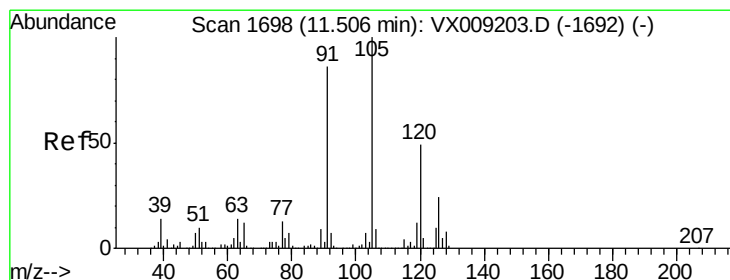
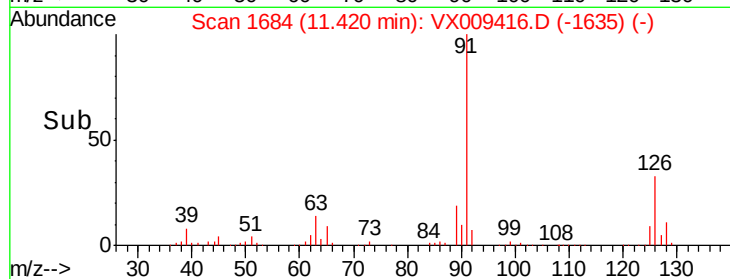
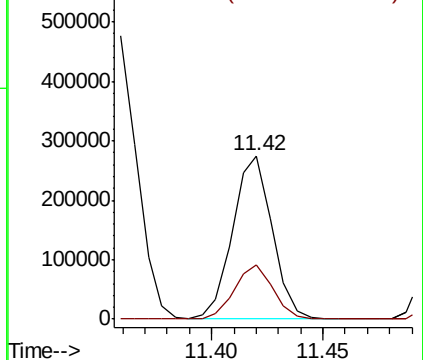
#79
 2-Chlorotoluene
 Concen: 51.164 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009416.D
 Acq: 09 May 2019 10:17

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 91 Resp: 338222
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.3 48.9

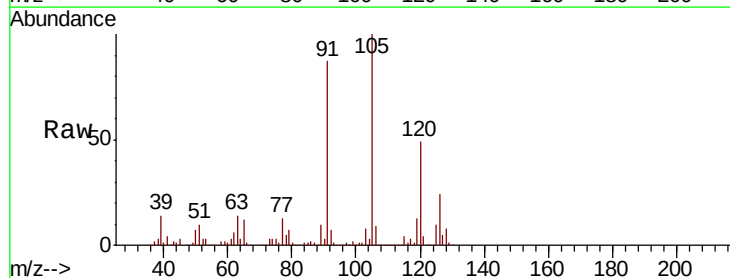


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

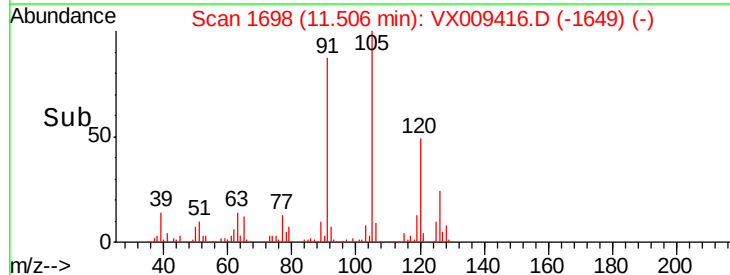
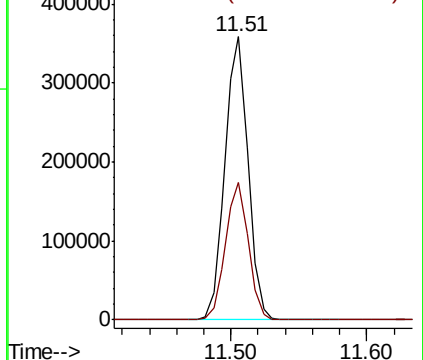


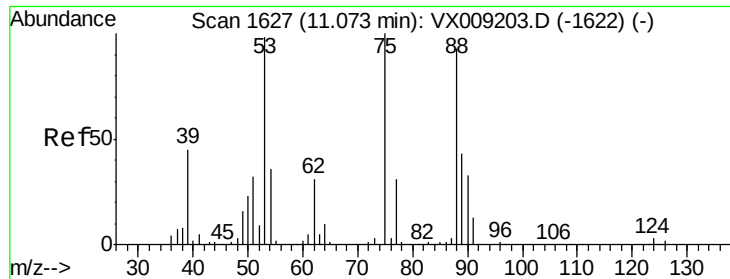
#80
 1,3,5-Trimethylbenzene
 Concen: 53.361 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009416.D
 Acq: 09 May 2019 10:17

Tgt Ion:105 Resp: 421544
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 51.086 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

Instrument :

MSVOA_X

ClientSampleId :

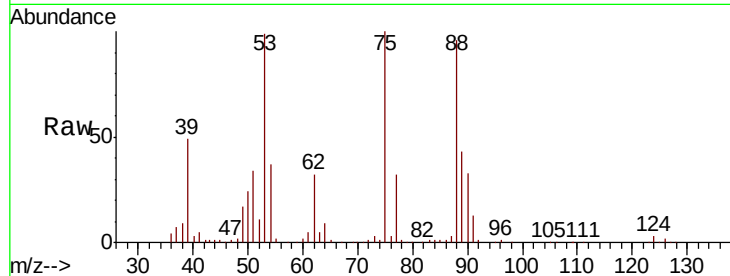
Tot Ion: 75 Resp: 59755

Ion Ratio Lower Upper

75 100

53 100.0 79.0 118.6

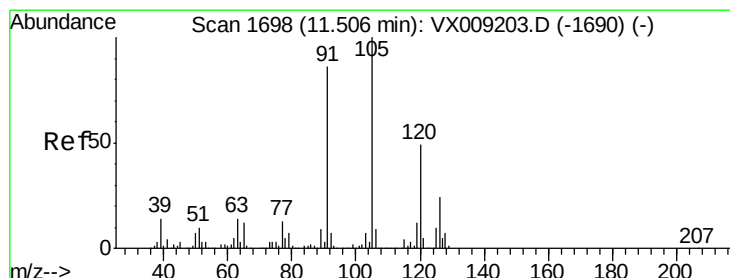
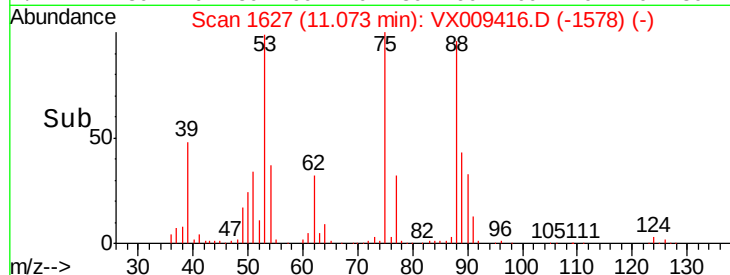
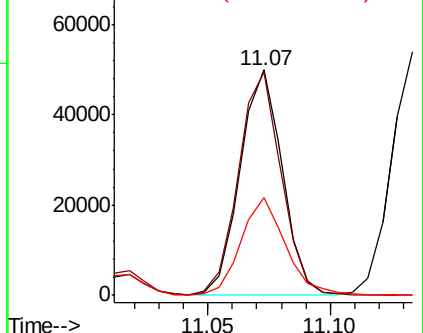
89 46.0 34.7 52.1



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: 52.814 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009416.D

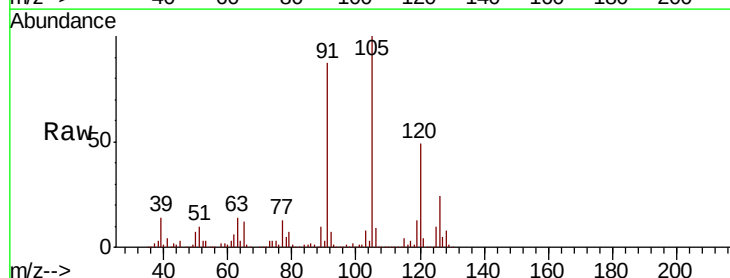
Acq: 09 May 2019 10:17

Tgt Ion: 91 Resp: 394419

Ion Ratio Lower Upper

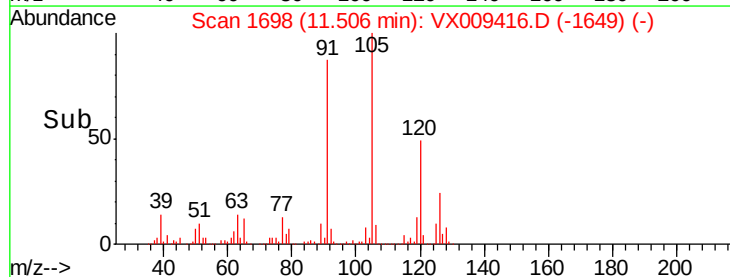
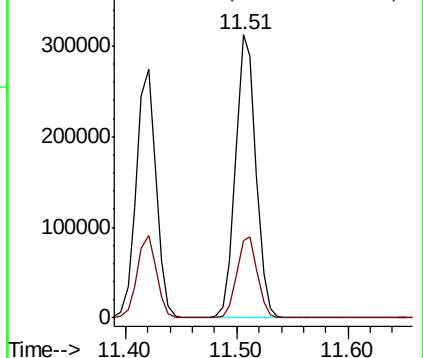
91 100

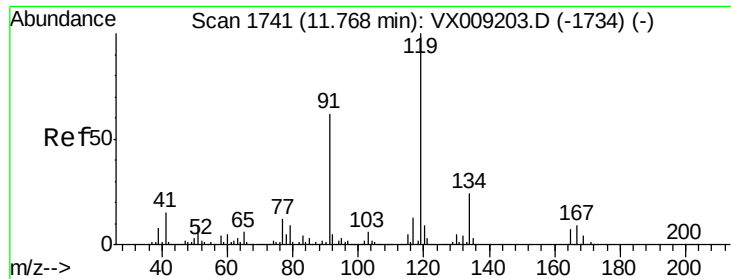
126 28.9 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

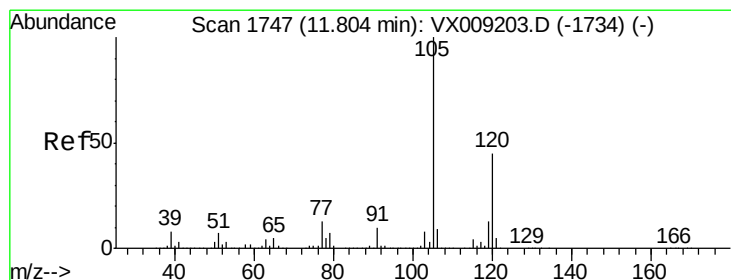
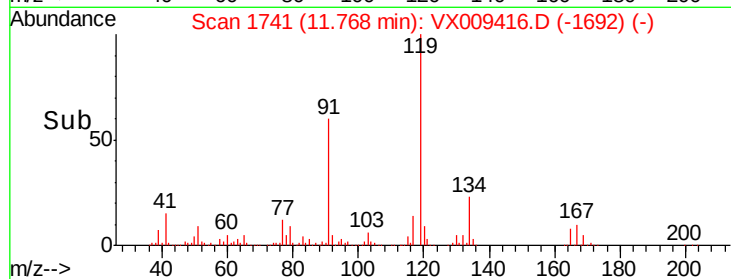
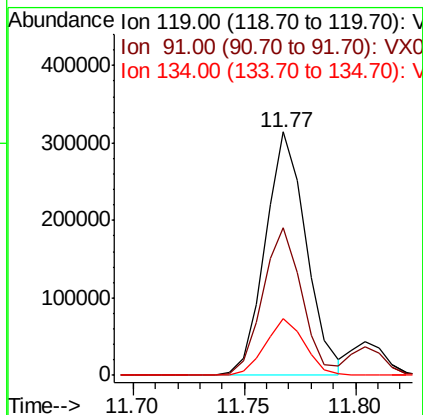
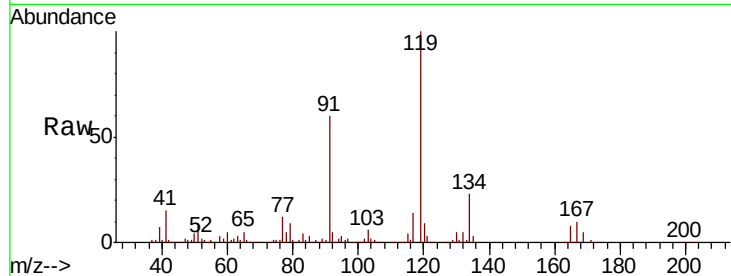




#83
 tert-Butylbenzene
 Concen: 52.168 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009416.D
 Acq: 09 May 2019 10:17

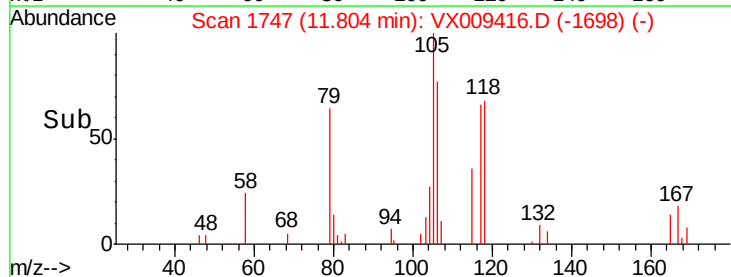
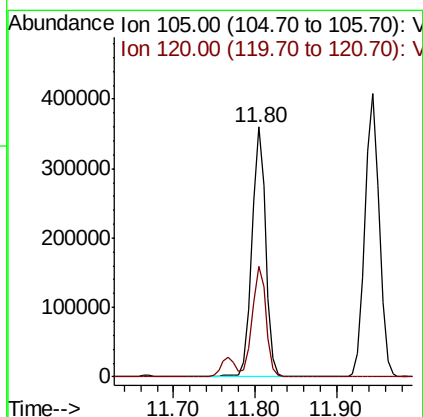
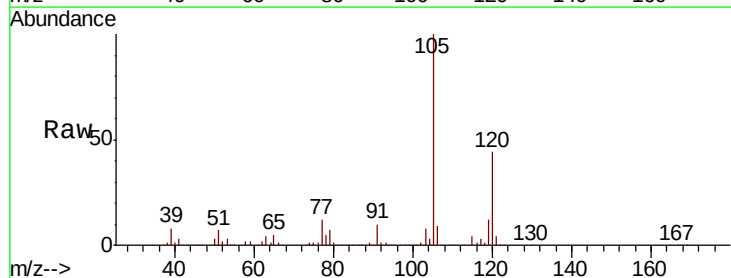
Instrument :
 MSVOA_X
 ClientSampleId :

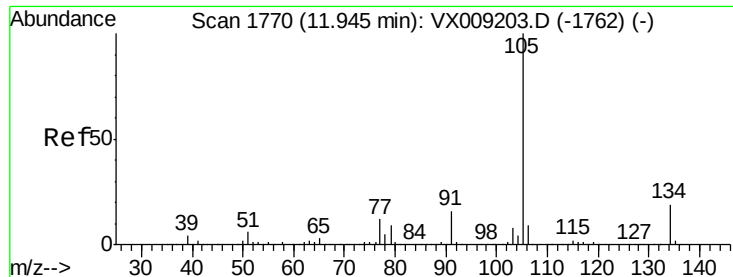
Tot Ion:119 Resp: 400903
 Ion Ratio Lower Upper
 119 100
 91 58.5 29.5 88.5
 134 22.4 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.646 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009416.D
 Acq: 09 May 2019 10:17

Tgt Ion:105 Resp: 425378
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.0 66.0





#85

sec-Butylbenzene

Concen: 53.214 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

Instrument :

MSVOA_X

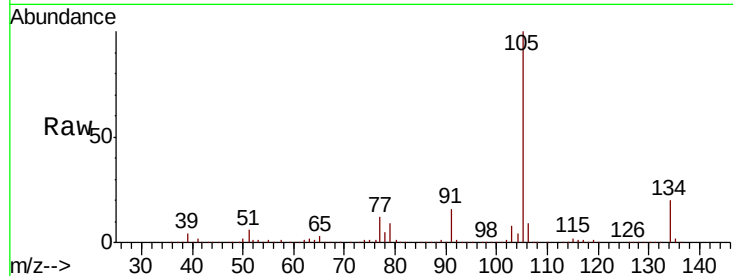
ClientSampleId :

Tot Ion:105 Resp: 484838

Ion Ratio Lower Upper

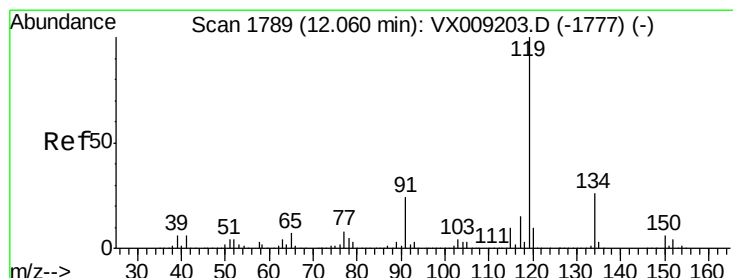
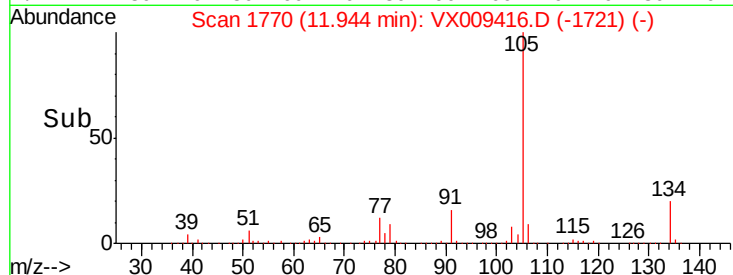
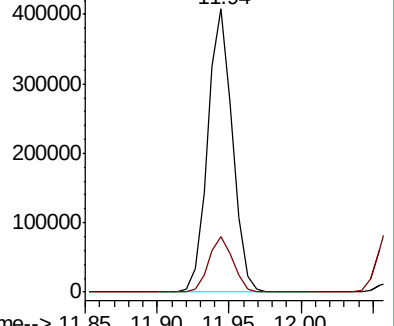
105 100

134 19.4 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.779 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

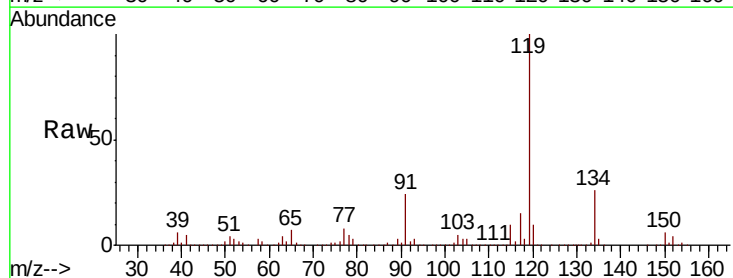
Tgt Ion:119 Resp: 448682

Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

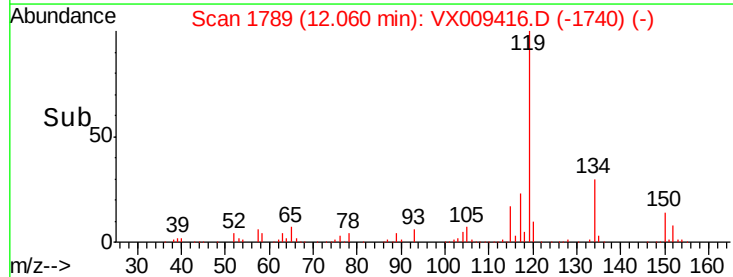
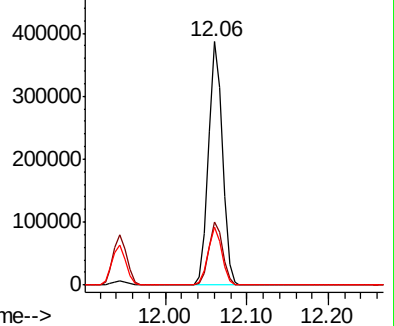
91 23.6 11.8 35.4

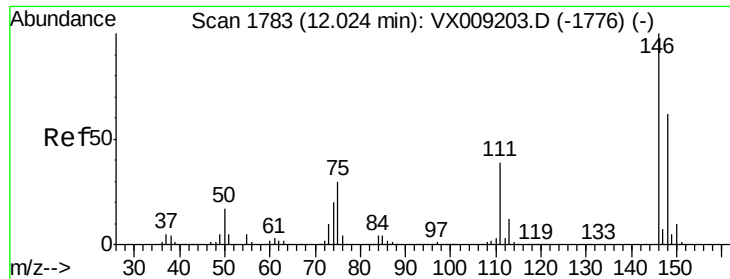


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 53.616 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

Instrument :

MSVOA_X

ClientSampled :

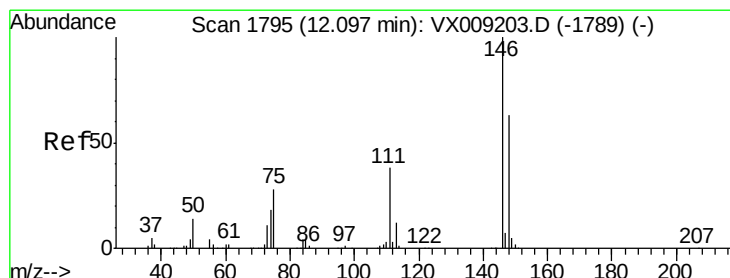
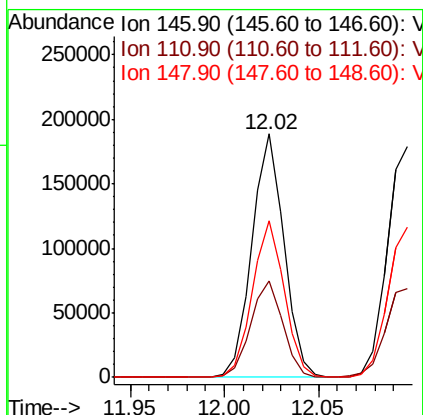
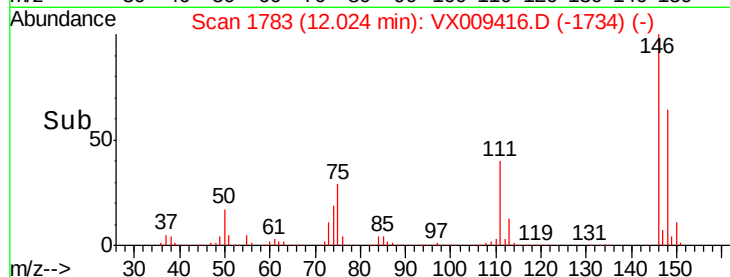
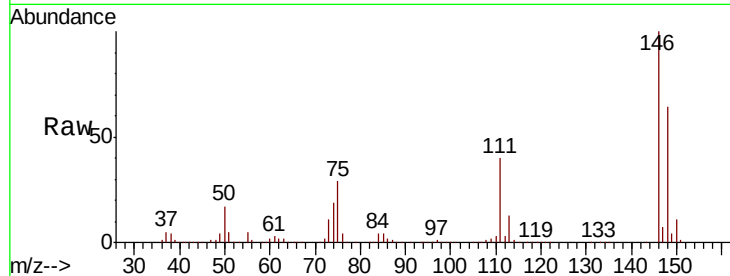
Tot Ion:146 Resp: 222577

Ion Ratio Lower Upper

146 100

111 40.0 20.0 59.9

148 63.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 52.832 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX009416.D

Acq: 09 May 2019 10:17

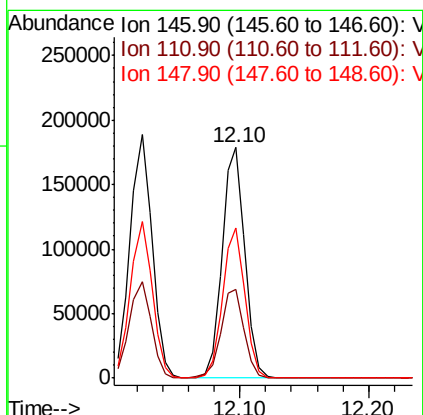
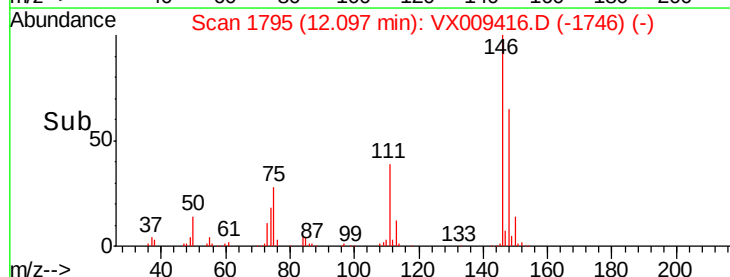
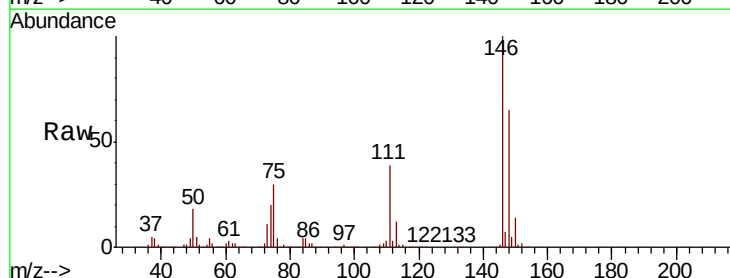
Tgt Ion:146 Resp: 221118

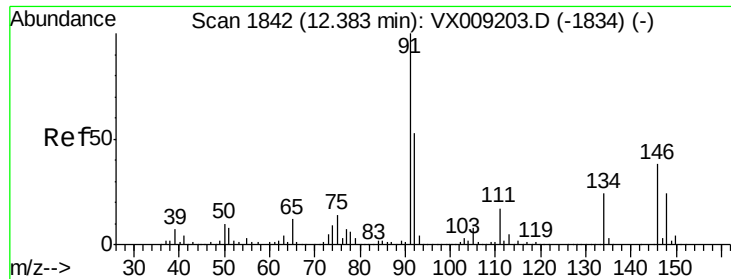
Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.8

148 64.3 31.8 95.3

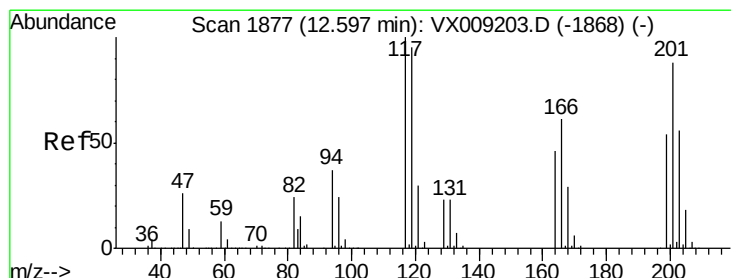
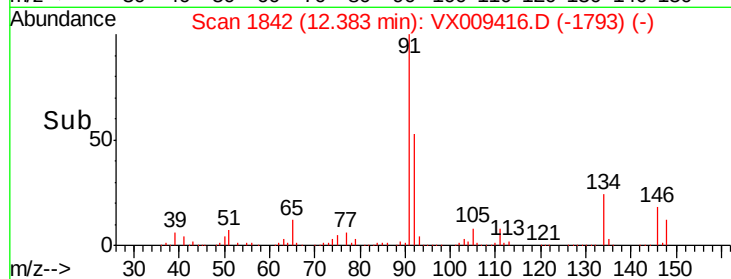
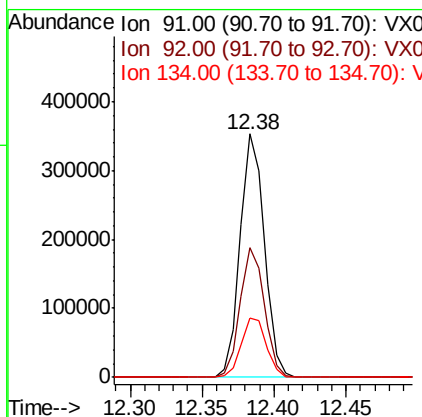
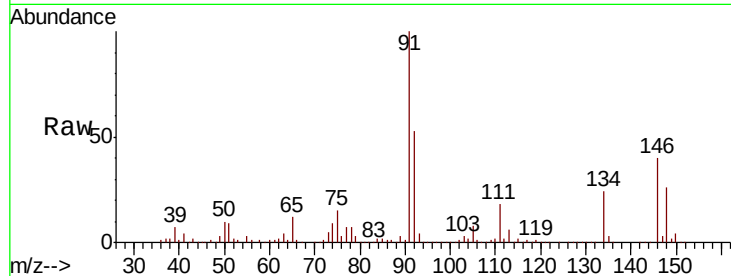




#89
n-Butylbenzene
Concen: 55.916 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

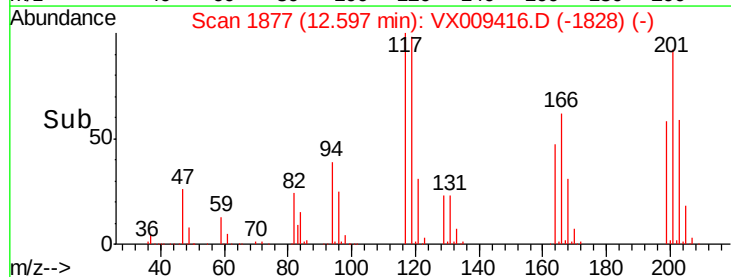
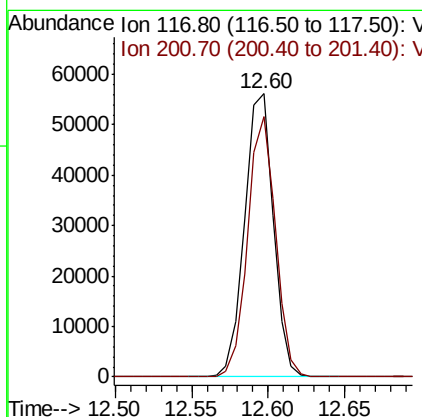
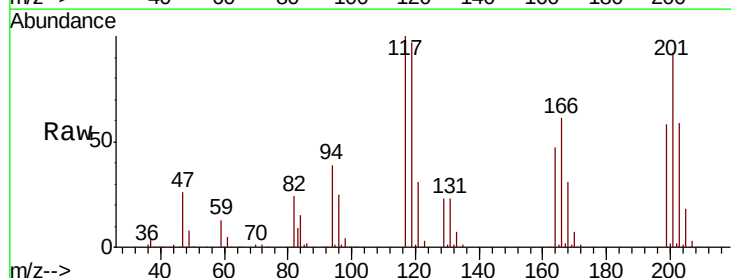
Instrument :
MSVOA_X
ClientSampleId :

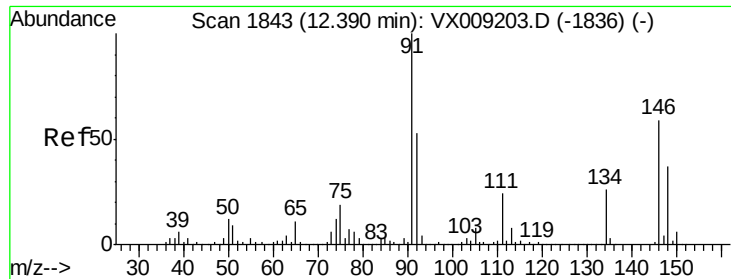
Tot Ion: 91 Resp: 413953
Ion Ratio Lower Upper
91 100
92 53.4 26.5 79.5
134 25.3 12.4 37.2



#90
Hexachloroethane
Concen: 52.647 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

Tgt Ion: 117 Resp: 73465
Ion Ratio Lower Upper
117 100
201 88.6 42.3 126.9

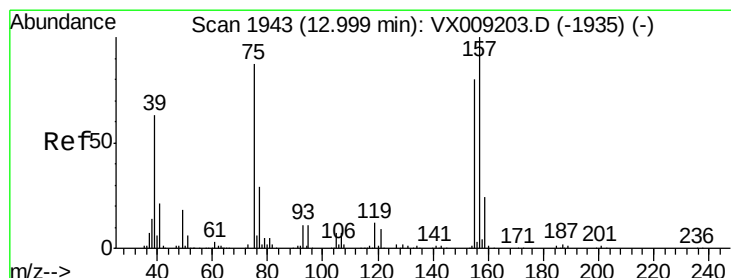
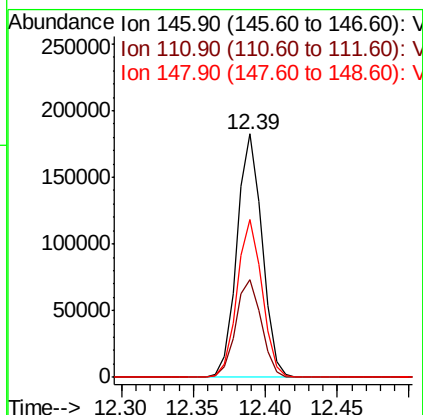
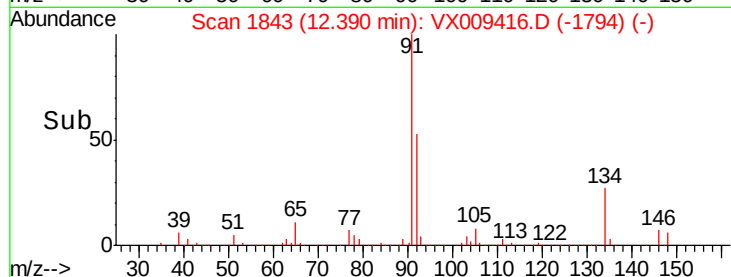
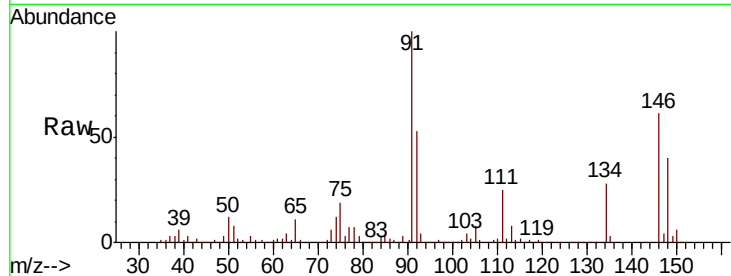




#91
 1,2-Dichlorobenzene
 Concen: 52.544 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009416.D
 Acq: 09 May 2019 10:17

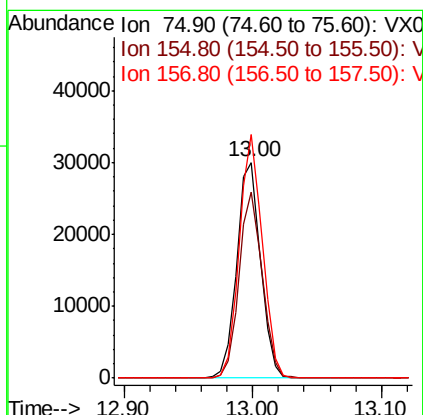
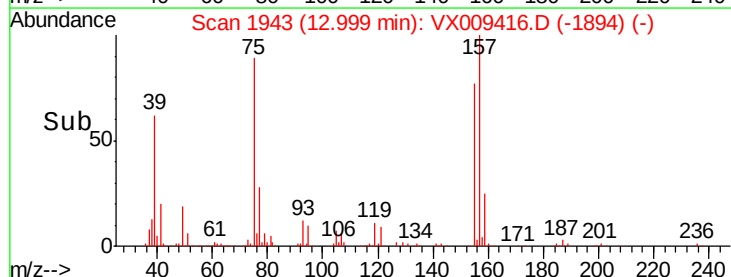
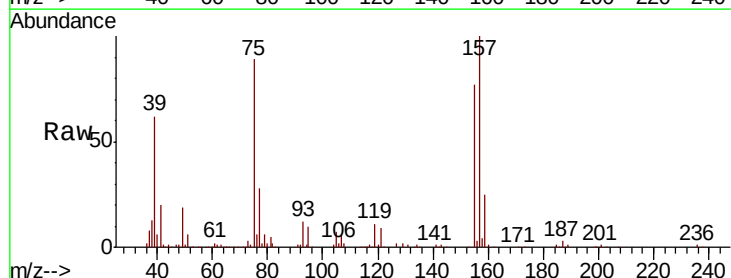
Instrument :
 MSVOA_X
 ClientSampled :

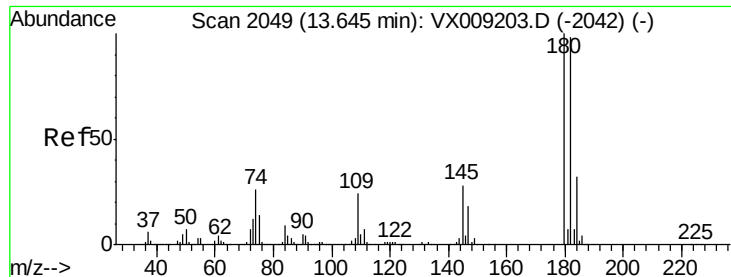
Tot Ion:146 Resp: 222172
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.8 62.4
 148 64.5 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.311 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009416.D
 Acq: 09 May 2019 10:17

Tgt Ion: 75 Resp: 38689
 Ion Ratio Lower Upper
 75 100
 155 83.6 42.0 126.0
 157 107.9 53.2 159.6

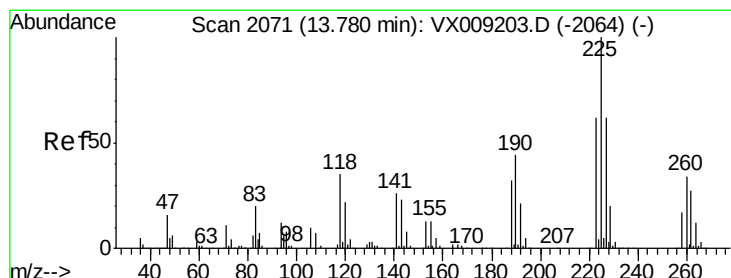
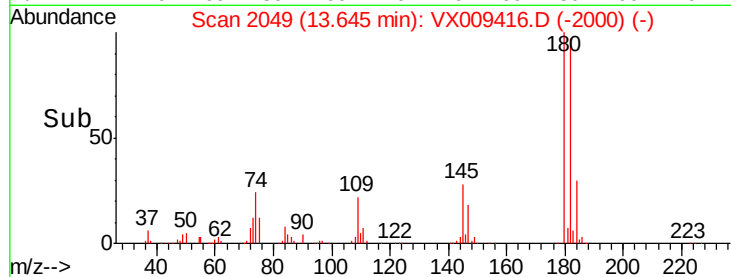
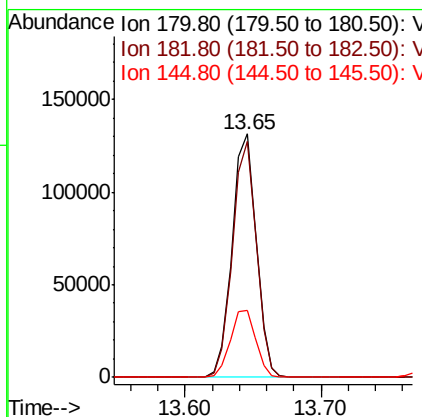
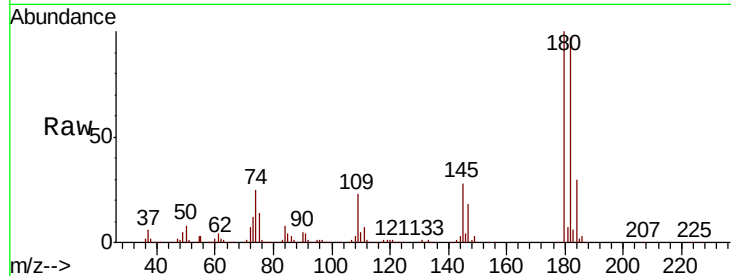




#93
 1,2,4-Trichlorobenzene
 Concen: 56.356 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009416.D
 Acq: 09 May 2019 10:17

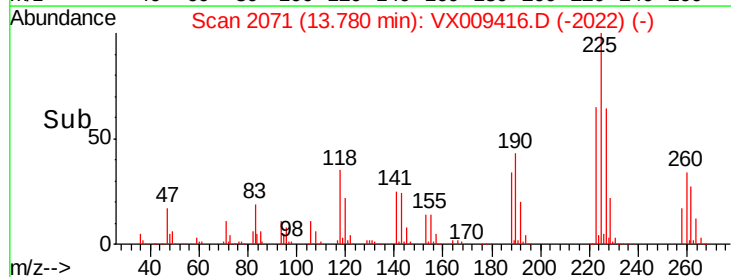
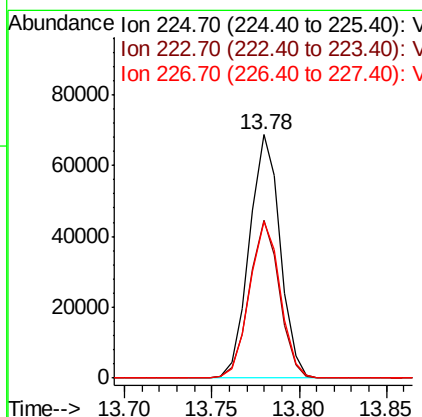
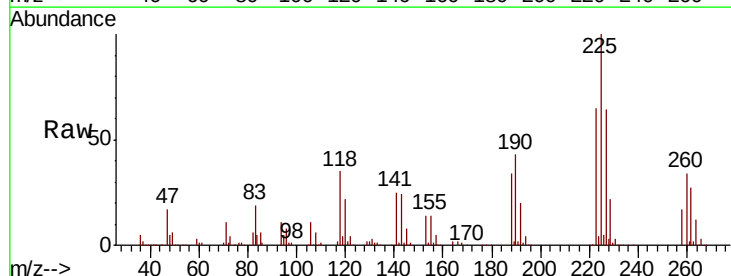
Instrument :
 MSVOA_X
 ClientSampleId :

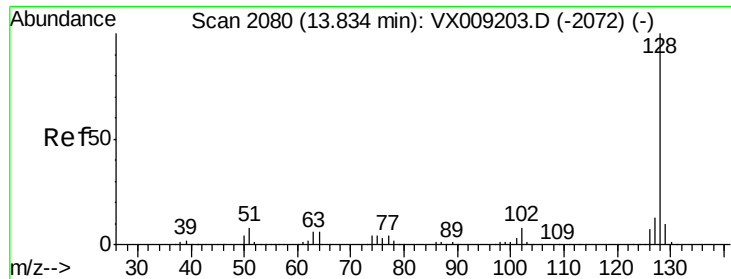
Tot Ion:	180	Resp:	162950
Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.4	145.2
145	29.0	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 56.748 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009416.D
 Acq: 09 May 2019 10:17

Tgt Ion:	225	Resp:	83791
Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.3	93.8
227	64.3	31.8	95.3

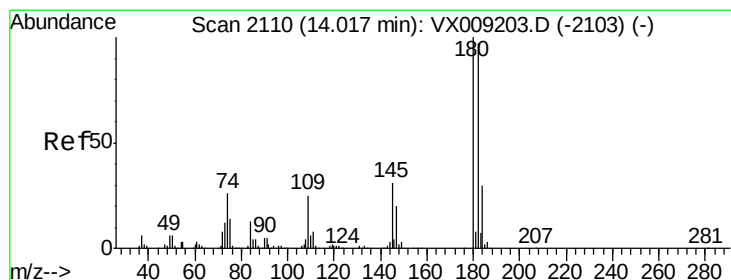
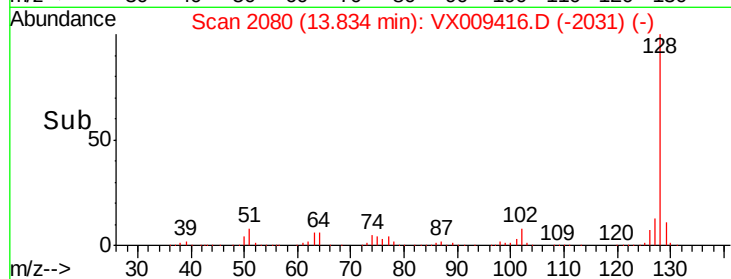
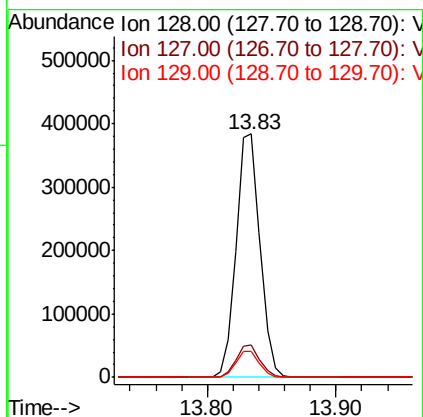
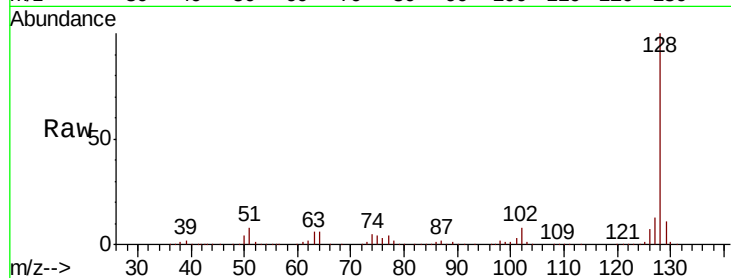




#95
Naphthalene
Concen: 52.614 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.538 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009416.D
Acq: 09 May 2019 10:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.4
145	30.9	15.4	46.4

