

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009431.D
 Acq On : 09 May 2019 16:34
 Operator : JC/SP
 Sample : VX0509WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 10 07:07:47 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	5.67	168	164749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	263873	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	239463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116489	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	112090	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
35) Dibromofluoromethane	5.49	113	83755	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
50) Toluene-d8	8.71	98	332924	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	11.13	95	119785	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	27568	18.159	ug/l	99
3) Chloromethane	1.32	50	39349	18.984	ug/l	98
4) Vinyl Chloride	1.41	62	40272	19.925	ug/l	97
5) Bromomethane	1.64	94	18301	15.086	ug/l	98
6) Chloroethane	1.72	64	26714	20.586	ug/l	98
7) Trichlorofluoromethane	1.93	101	50077	20.383	ug/l	98
8) Diethyl Ether	2.19	74	23611	20.289	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	30681	19.886	ug/l	98
10) Methyl Iodide	2.51	142	18273	13.851	ug/l	99
11) Tert butyl alcohol	3.04	59	52428	100.708	ug/l	99
12) 1,1-Dichloroethene	2.37	96	31562	20.418	ug/l	96
13) Acrolein	2.29	56	51067	108.315	ug/l	98
14) Allyl chloride	2.73	41	72721	19.304	ug/l	99
15) Acrylonitrile	3.14	53	125664	98.723	ug/l	99
16) Acetone	2.44	43	113971	94.375	ug/l	98
17) Carbon Disulfide	2.57	76	90051	20.749	ug/l	100
18) Methyl Acetate	2.78	43	53585	18.658	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	119576	19.920	ug/l	99
20) Methylene Chloride	2.85	84	38201	19.537	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	33983	20.271	ug/l	97
22) Diisopropyl ether	3.85	45	145009	20.016	ug/l	95
23) Vinyl Acetate	3.81	43	635188	102.388	ug/l	100
24) 1,1-Dichloroethane	3.70	63	70282	19.665	ug/l	97
25) 2-Butanone	4.67	43	186844	99.564	ug/l	98
26) 2,2-Dichloropropane	4.59	77	48519	18.239	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	39882	19.931	ug/l	98
28) Bromochloromethane	5.01	49	30414	19.467	ug/l	100
29) Tetrahydrofuran	5.13	42	124202	102.850	ug/l	99
30) Chloroform	5.21	83	64577	19.978	ug/l	100
31) Cyclohexane	5.58	56	67998	20.450	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	53061	19.719	ug/l	98
36) 1,1-Dichloropropene	5.80	75	48212	19.661	ug/l	99
37) Ethyl Acetate	4.84	43	69704	20.401	ug/l	99
38) Carbon Tetrachloride	5.79	117	43936	19.720	ug/l	100

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 10 07:07:47 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)
39) Methylcyclohexane	7.46	83	61234	20.333	ug/l	98
40) Benzene	6.15	78	154707	20.385	ug/l	100
41) Methacrylonitrile	5.04	41	39653	19.497	ug/l	99
42) 1,2-Dichloroethane	6.19	62	55927	20.544	ug/l	100
43) Isopropyl Acetate	6.45	43	109180	19.978	ug/l	100
44) Trichloroethene	7.21	130	36303	19.787	ug/l	99
45) 1,2-Dichloropropane	7.51	63	42957	19.990	ug/l	98
46) Dibromomethane	7.66	93	24893	19.948	ug/l	98
47) Bromodichloromethane	7.90	83	49053	19.706	ug/l	98
48) Methyl methacrylate	7.77	41	54464	20.087	ug/l	99
49) 1,4-Dioxane	7.74	88	22605	411.102	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	364710	102.099	ug/l	100
52) Toluene	8.79	92	94169	20.413	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	54448	19.374	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	61760	19.854	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	37840	20.105	ug/l	96
56) Ethyl methacrylate	9.18	69	66956	19.930	ug/l	100
57) 1,3-Dichloropropane	9.37	76	67445	20.364	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	171905	96.453	ug/l	100
59) 2-Hexanone	9.49	43	280795	100.088	ug/l	99
60) Dibromochloromethane	9.58	129	36318	19.757	ug/l	97
61) 1,2-Dibromoethane	9.67	107	38384	20.204	ug/l	98
64) Tetrachloroethene	9.34	164	33688	20.509	ug/l	99
65) Chlorobenzene	10.14	112	97283	20.308	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	35026	20.168	ug/l	99
67) Ethyl Benzene	10.25	91	177899	20.179	ug/l	99
68) m/p-Xylenes	10.36	106	129619	40.234	ug/l	98
69) o-Xylene	10.70	106	63993	20.132	ug/l	100
70) Styrene	10.71	104	110181	19.943	ug/l	98
71) Bromoform	10.85	173	27345	19.375	ug/l #	98
73) Isopropylbenzene	11.02	105	169924	20.060	ug/l	99
74) N-amyl acetate	10.90	43	96006	19.440	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	62588	19.820	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	69966	25.893	ug/l	82
77) Bromobenzene	11.26	156	41997	19.975	ug/l	99
78) n-propylbenzene	11.36	91	192520	19.900	ug/l	99
79) 2-Chlorotoluene	11.42	91	116274	19.481	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	143497	20.119	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18426	17.448	ug/l	90
82) 4-Chlorotoluene	11.51	91	132973	19.721	ug/l	99
83) tert-Butylbenzene	11.77	119	135910	19.588	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	143628	20.062	ug/l	99
85) sec-Butylbenzene	11.94	105	164667	20.018	ug/l	99
86) p-Isopropyltoluene	12.06	119	148994	20.147	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	73306	19.558	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	74336	19.672	ug/l	99
89) n-Butylbenzene	12.38	91	129756	19.413	ug/l	100
90) Hexachloroethane	12.60	117	23327	18.515	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	74830	19.601	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14680	20.723	ug/l	98

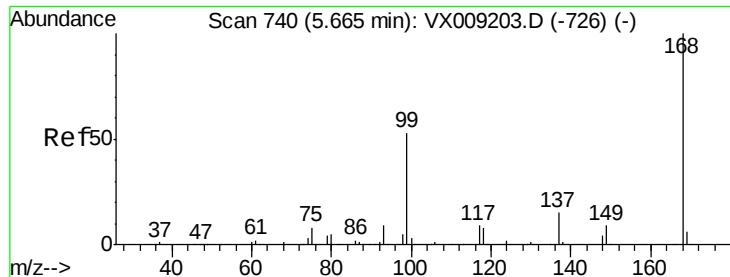
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	52302	20.034	ug/l	99
94) Hexachlorobutadiene	13.78	225	25996	19.500	ug/l	98
95) Naphthalene	13.83	128	174438	20.538	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	53388	20.175	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

Instrument :

MSVOA_X

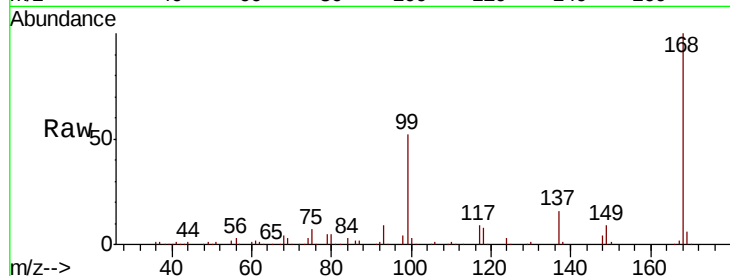
ClientSampleId :

Tot Ion:168 Resp: 164749

Ion Ratio Lower Upper

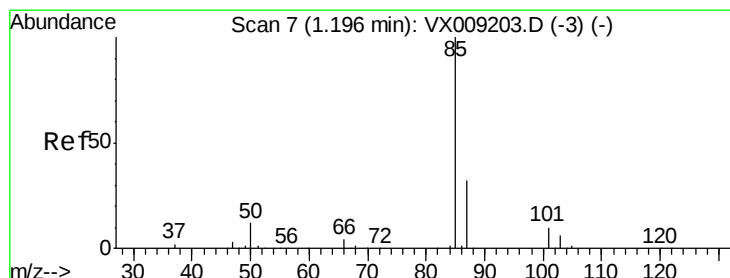
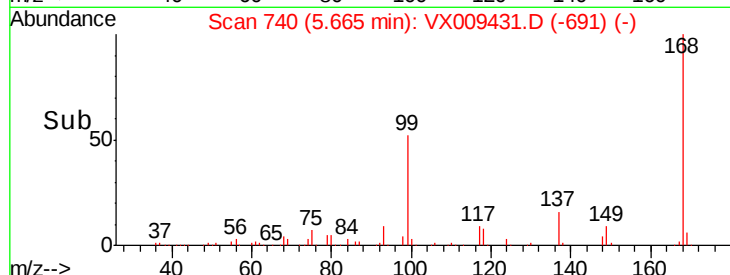
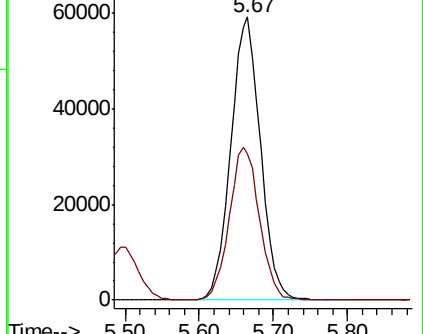
168 100

99 51.5 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: 18.159 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009431.D

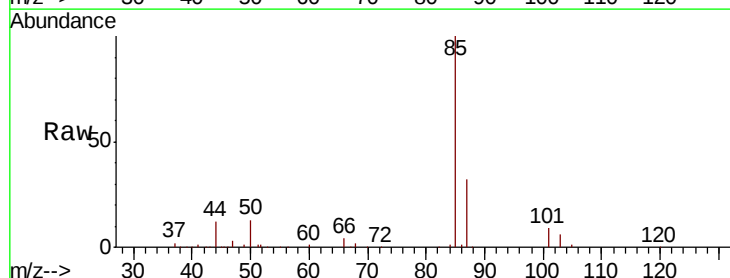
Acq: 09 May 2019 16:34

Tgt Ion: 85 Resp: 27568

Ion Ratio Lower Upper

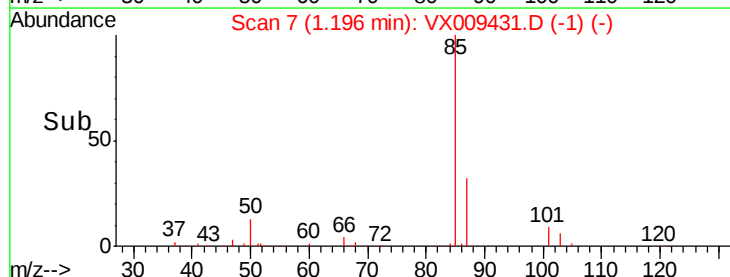
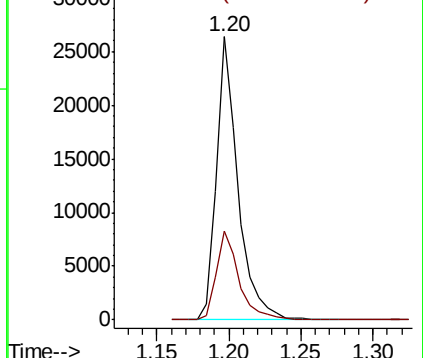
85 100

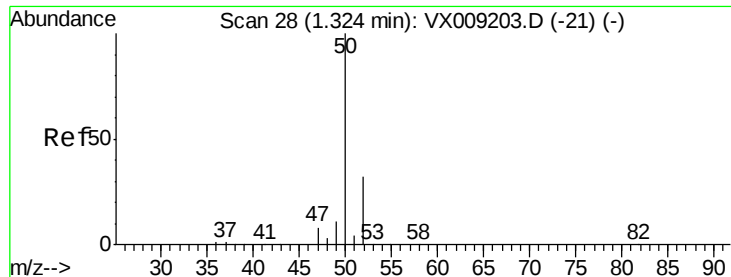
87 31.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.984 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

Instrument :

MSVOA_X

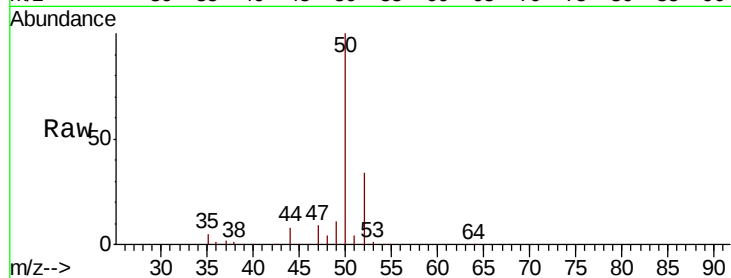
ClientSampleId :

Tot Ion: 50 Resp: 39349

Ion Ratio Lower Upper

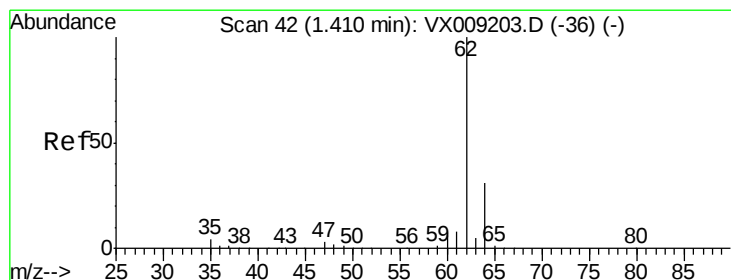
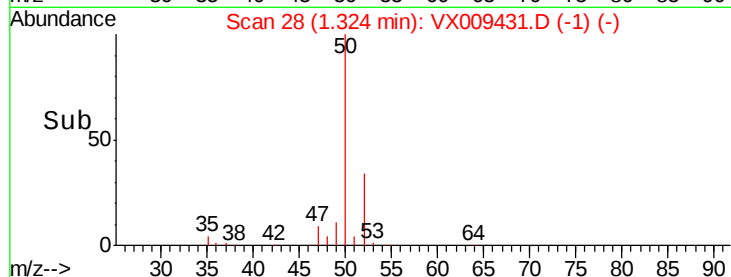
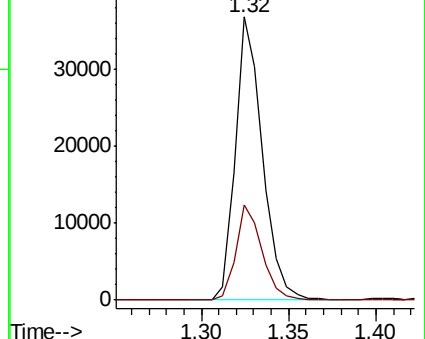
50 100

52 33.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.925 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009431.D

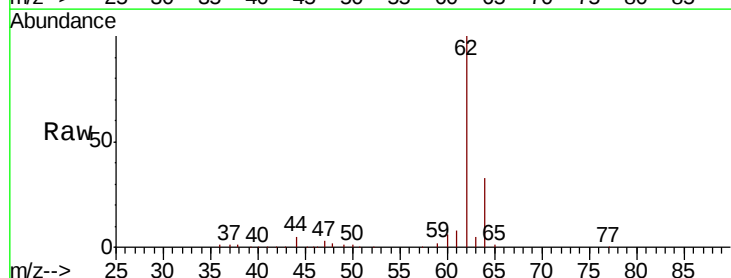
Acq: 09 May 2019 16:34

Tgt Ion: 62 Resp: 40272

Ion Ratio Lower Upper

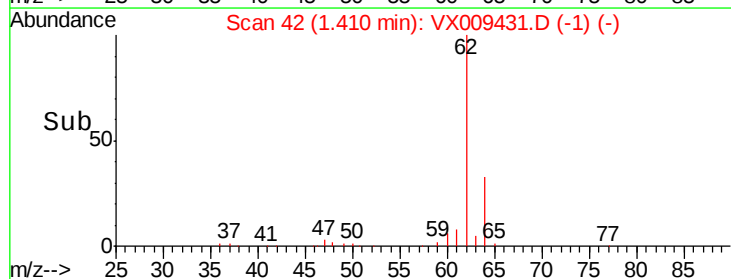
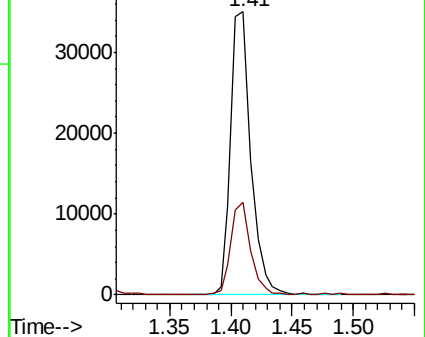
62 100

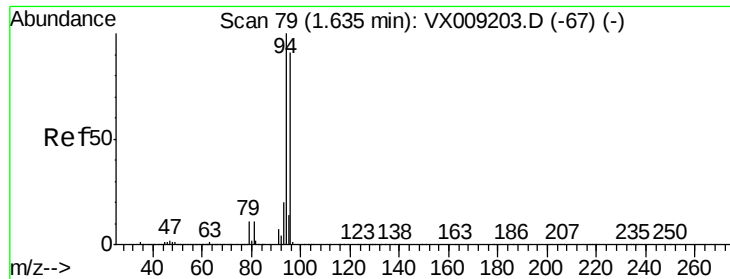
64 32.5 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 15.086 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

Instrument :

MSVOA_X

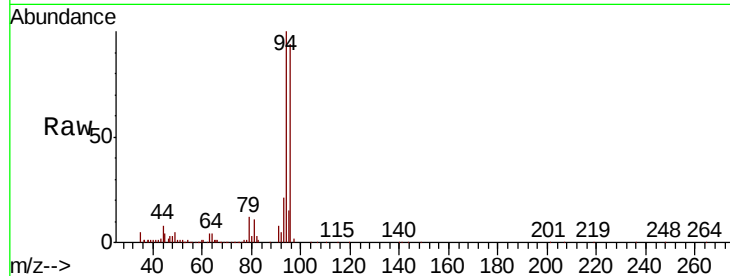
ClientSampleId :

Tot Ion: 94 Resp: 18301

Ion Ratio Lower Upper

94 100

96 93.6 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

20000

15000

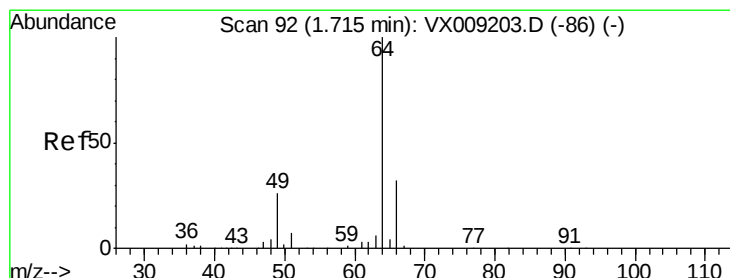
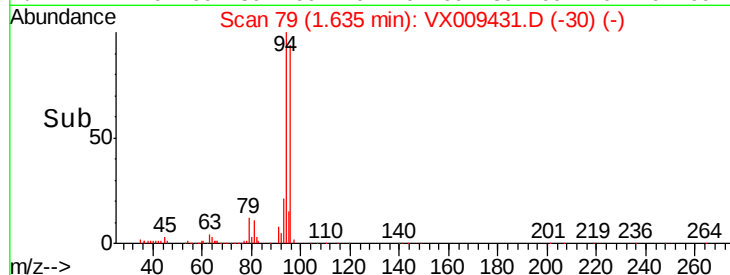
10000

5000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 20.586 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009431.D

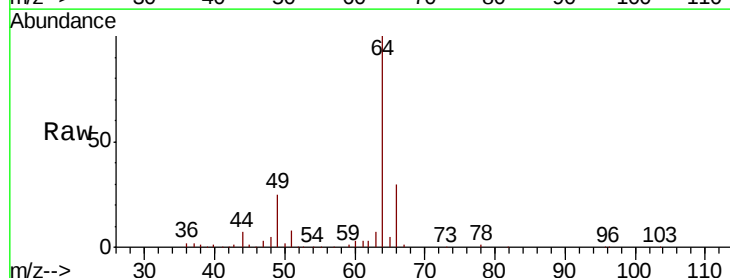
Acq: 09 May 2019 16:34

Tgt Ion: 64 Resp: 26714

Ion Ratio Lower Upper

64 100

66 30.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

20000

15000

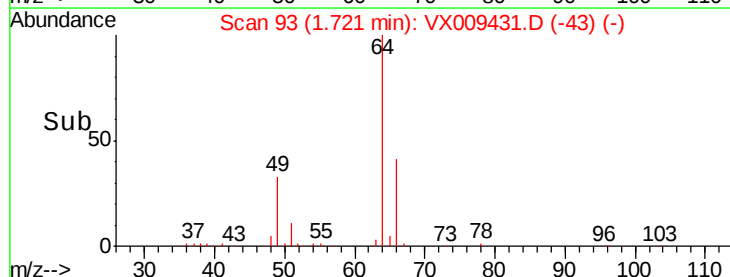
10000

5000

0

1.65 1.70 1.75 1.80

Time-->



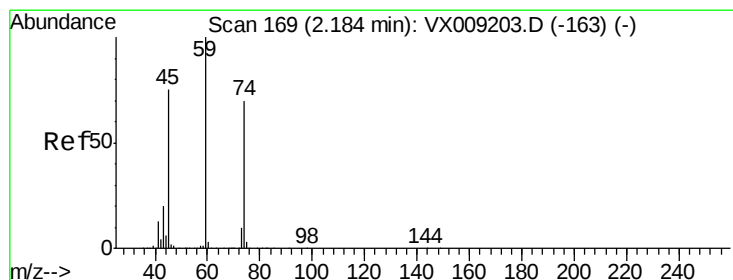
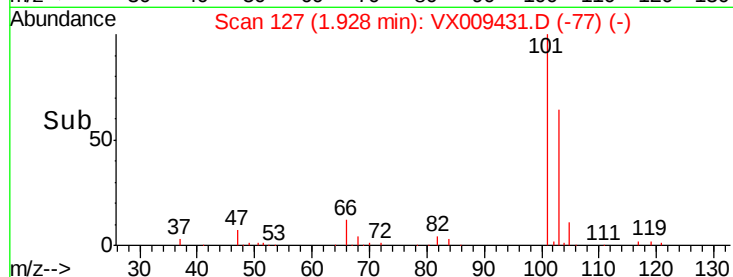
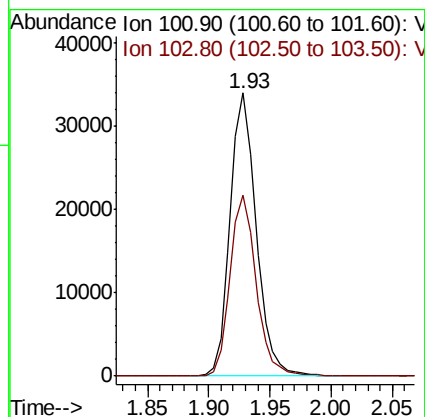
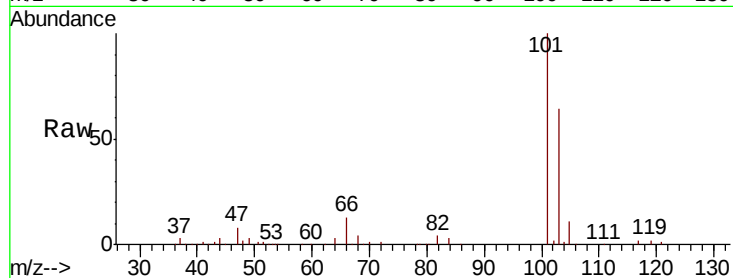


#7

Trichlorofluoromethane
Concen: 20.383 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

Instrument :
MSVOA_X
ClientSampleId :

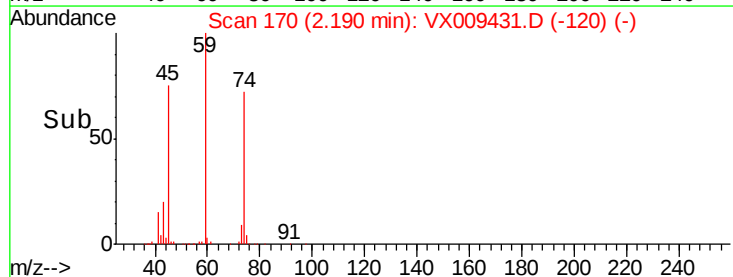
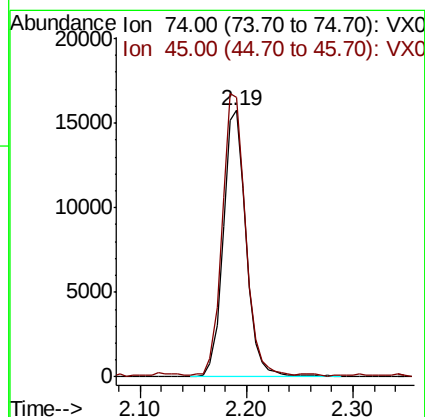
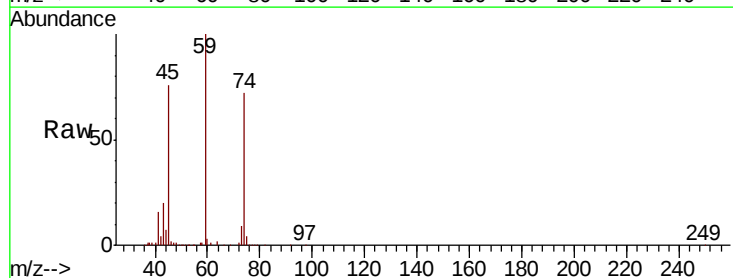
Tot Ion:101 Resp: 50077
Ion Ratio Lower Upper
101 100
103 64.1 52.4 78.6

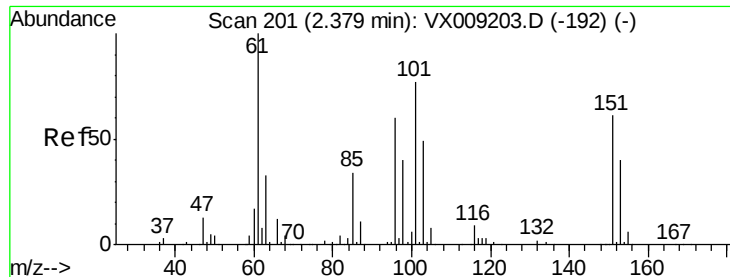


#8

Diethyl Ether
Concen: 20.289 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

Tgt Ion: 74 Resp: 23611
Ion Ratio Lower Upper
74 100
45 107.5 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.886 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

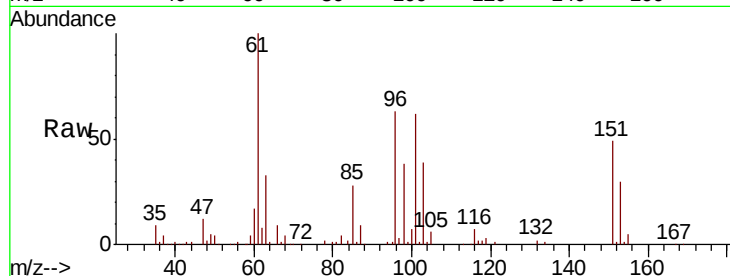
Tot Ion:101 Resp: 30681

Ion Ratio Lower Upper

101 100

85 43.8 35.7 53.5

151 80.0 62.2 93.2

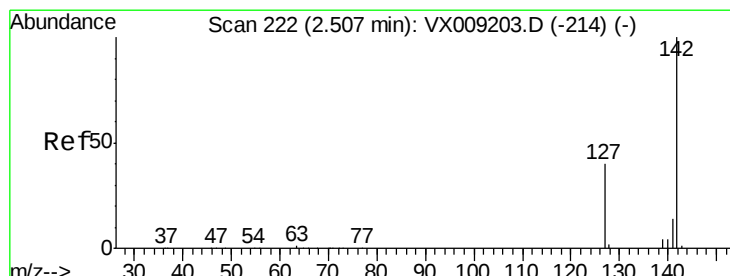
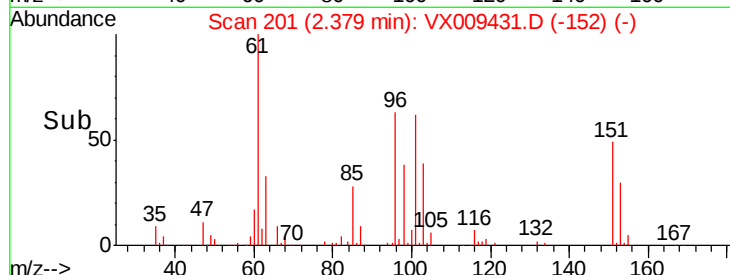
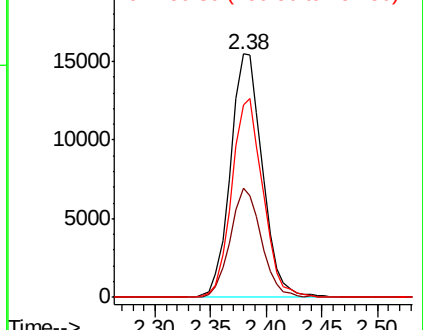


Abundance

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: 13.851 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

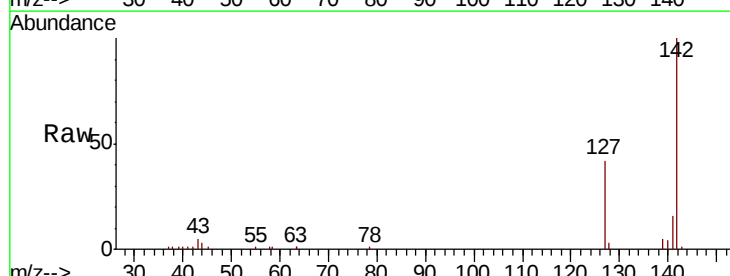
Tgt Ion:142 Resp: 18273

Ion Ratio Lower Upper

142 100

127 41.8 32.7 49.1

141 14.9 11.5 17.3

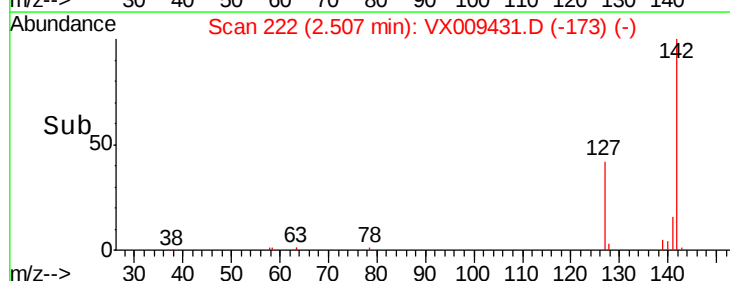
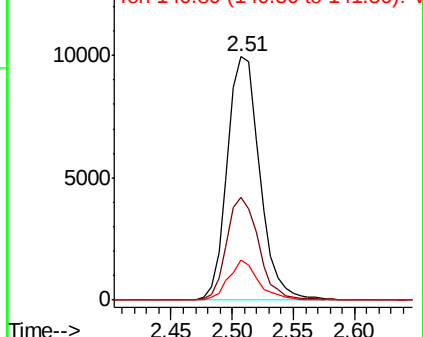


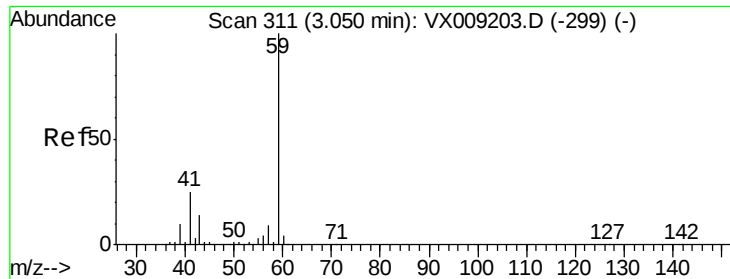
Abundance

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

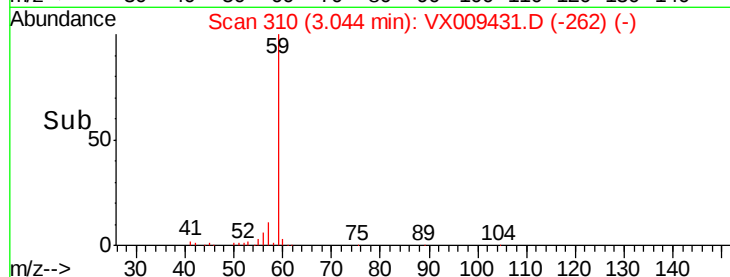
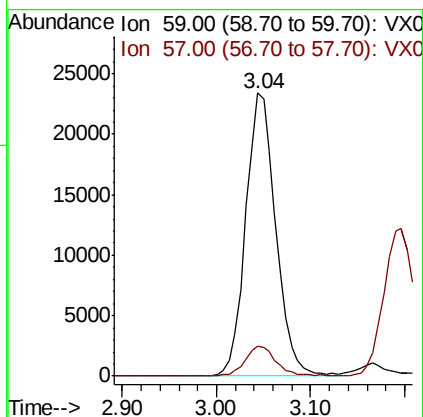
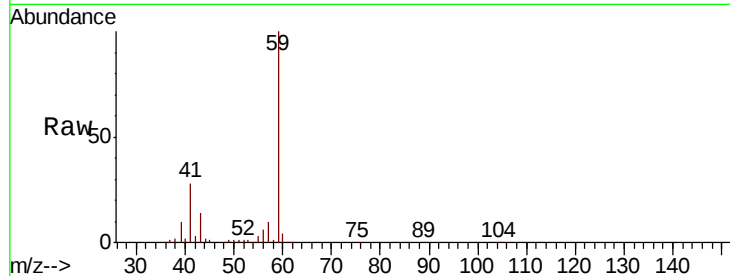




#11
Tert butyl alcohol
Concen: 100.708 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

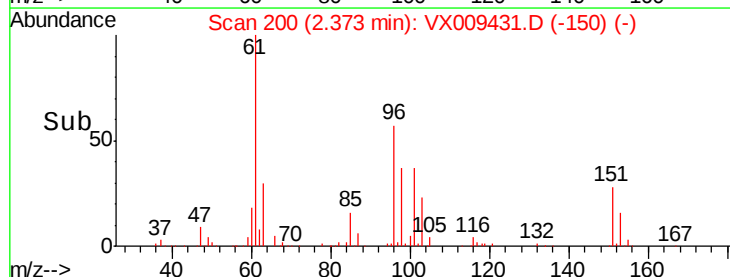
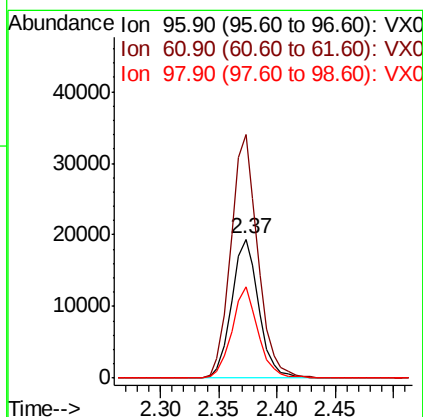
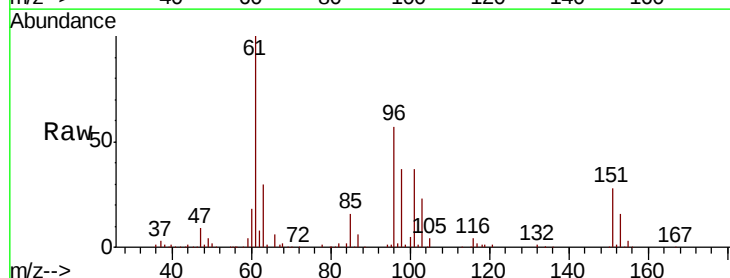
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 59 Resp: 52428
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2



#12
1,1-Dichloroethene
Concen: 20.418 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

Tgt Ion: 96 Resp: 31562
Ion Ratio Lower Upper
96 100
61 175.0 144.3 216.5
98 65.4 50.3 75.5

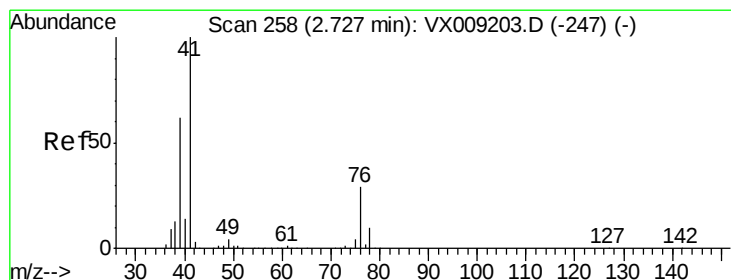
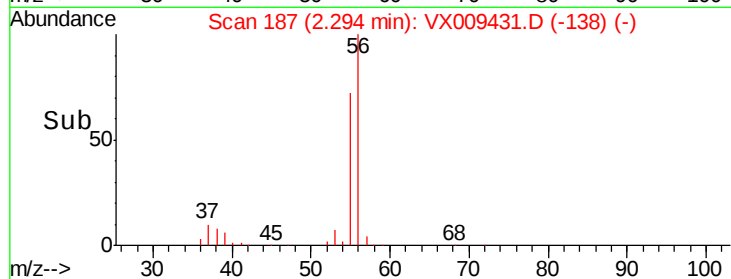
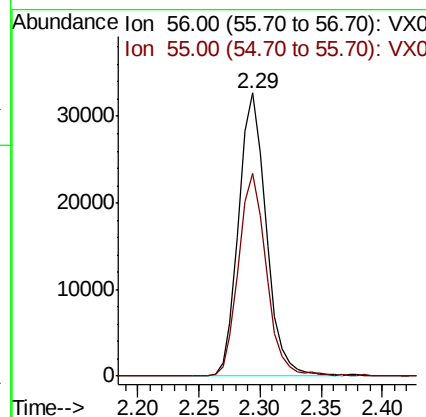
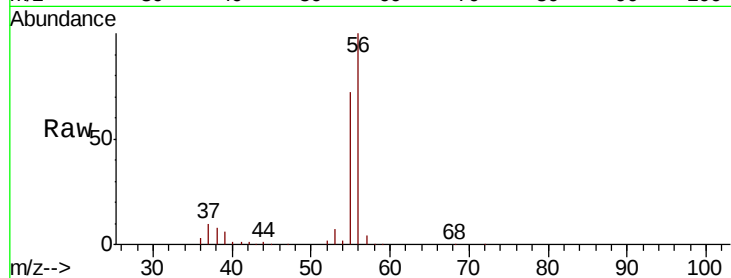




#13
 Acrolein
 Concen: 108.315 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.00 min
 Lab File: VX009431.D
 Acq: 09 May 2019 16:34

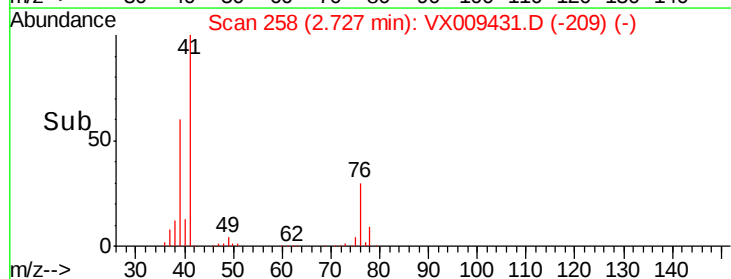
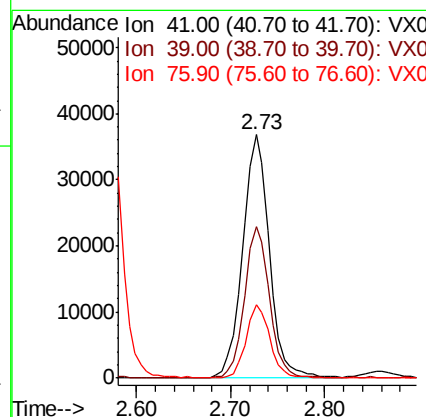
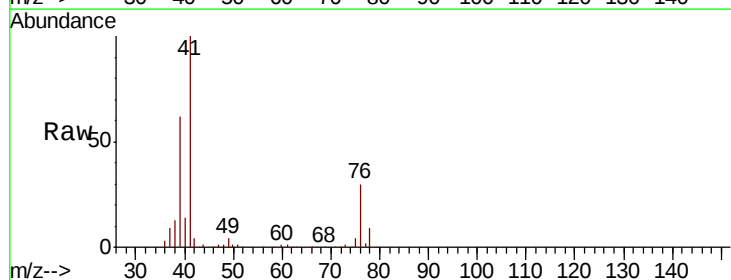
Instrument :
 MSVOA_X
 ClientSampleId :

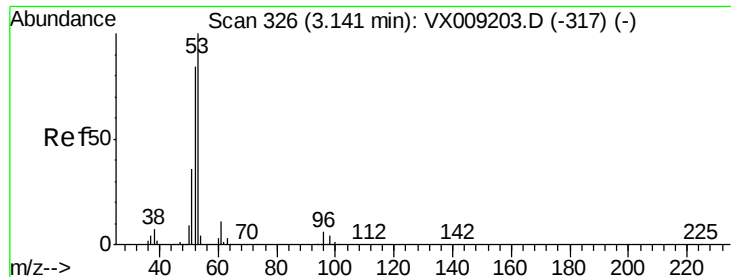
Tot Ion: 56 Resp: 51067
 Ion Ratio Lower Upper
 56 100
 55 72.5 56.6 85.0



#14
 Allyl chloride
 Concen: 19.304 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX009431.D
 Acq: 09 May 2019 16:34

Tgt Ion: 41 Resp: 72721
 Ion Ratio Lower Upper
 41 100
 39 58.8 46.7 70.1
 76 26.6 21.8 32.8





#15

Acrylonitrile

Concen: 98.723 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

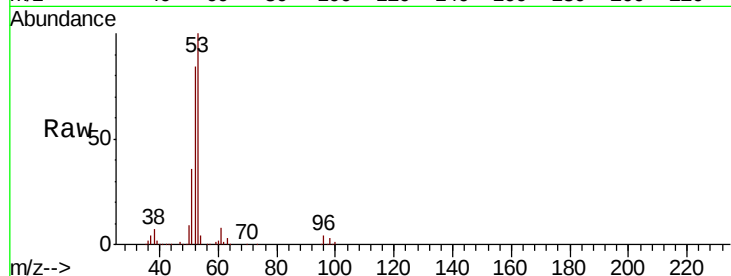
Tot Ion: 53 Resp: 125664

Ion Ratio Lower Upper

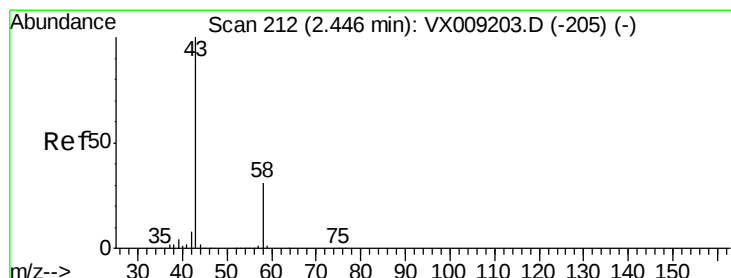
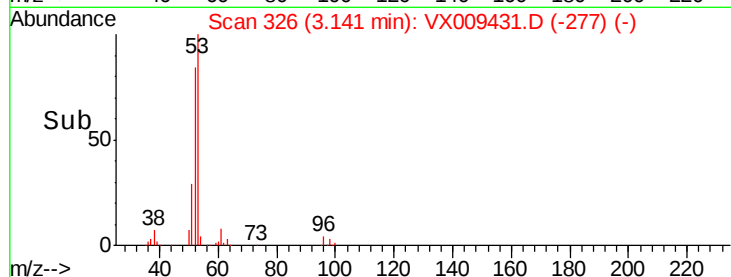
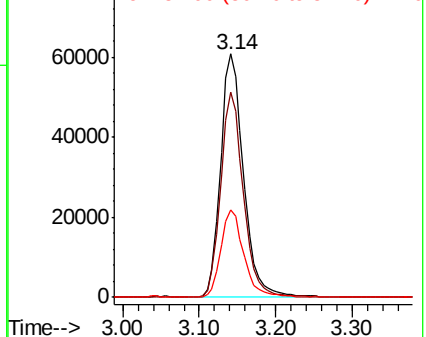
53 100

52 83.7 66.9 100.3

51 36.4 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: 94.375 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009431.D

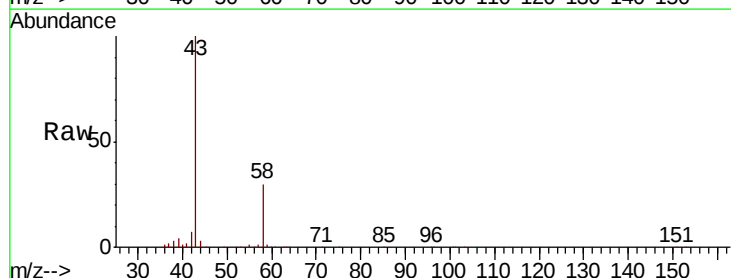
Acq: 09 May 2019 16:34

Tgt Ion: 43 Resp: 113971

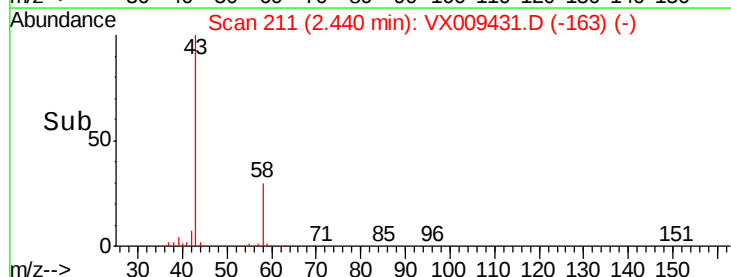
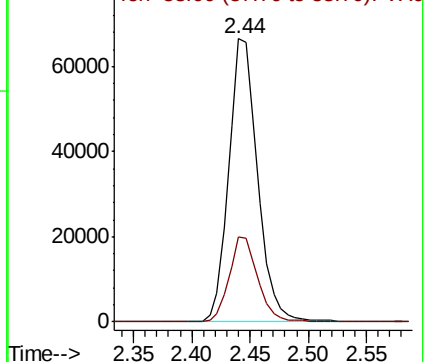
Ion Ratio Lower Upper

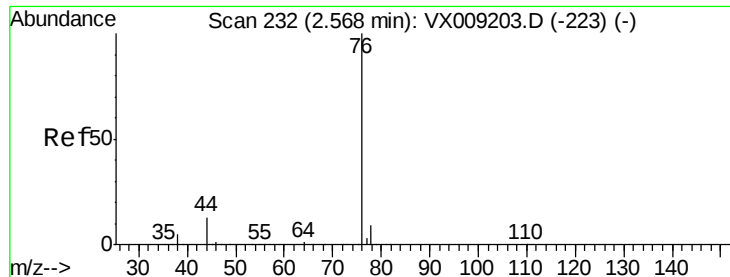
43 100

58 30.0 24.9 37.3



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

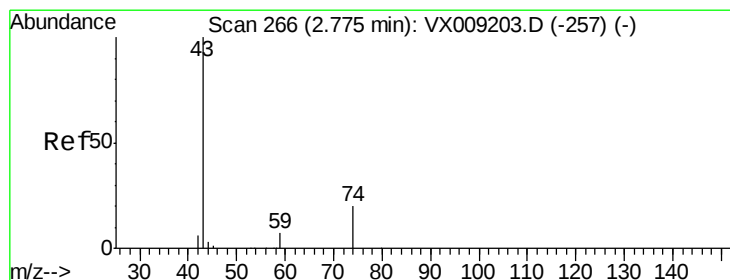
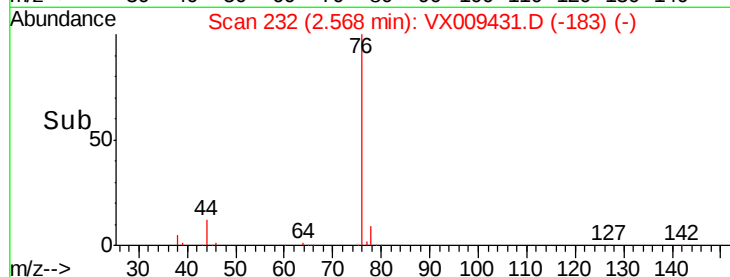
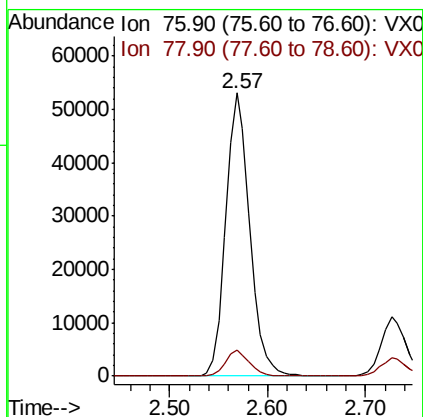
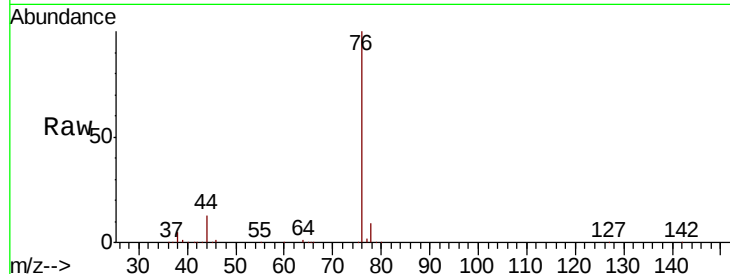




#17
Carbon Disulfide
Concen: 20.749 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

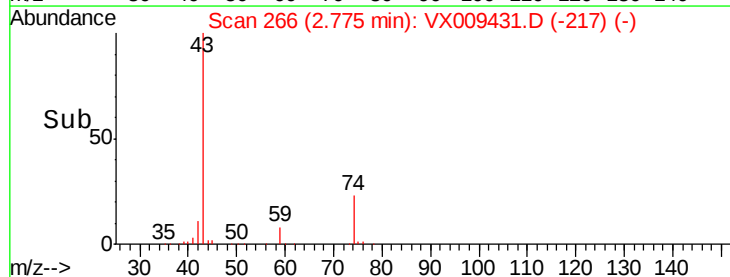
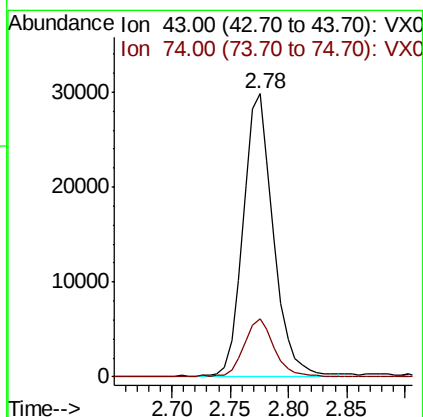
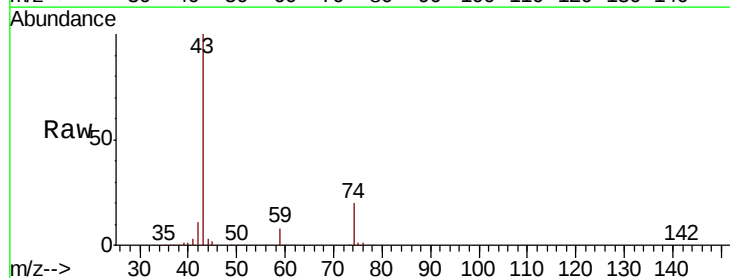
Instrument :
MSVOA_X
ClientSampled :

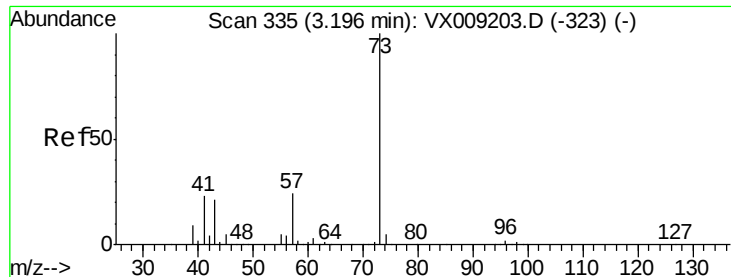
Tot Ion: 76 Resp: 90051
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 18.658 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

Tgt Ion: 43 Resp: 53585
Ion Ratio Lower Upper
43 100
74 20.9 16.2 24.4

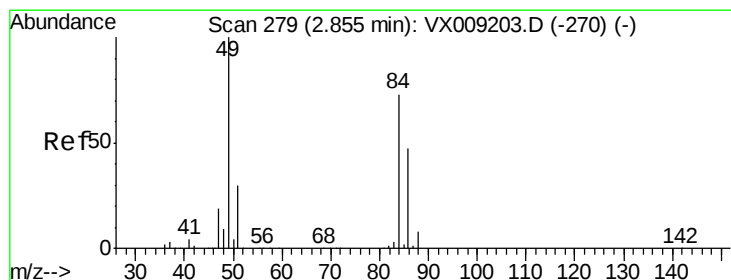
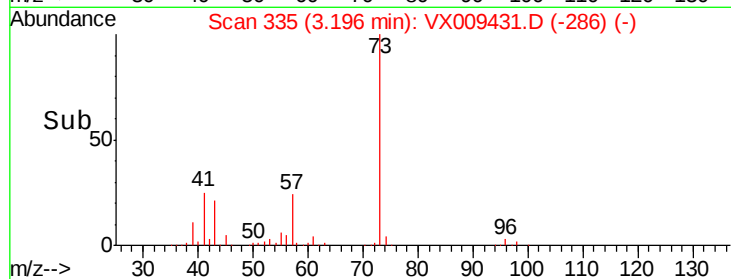
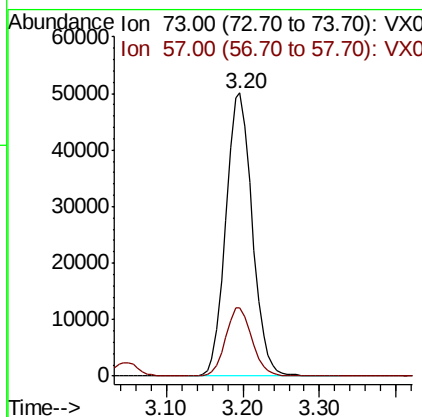
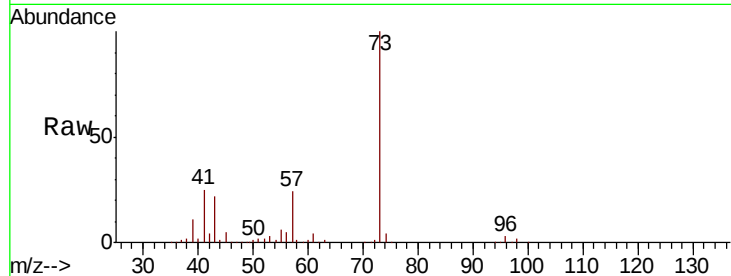




#19
Methvl tert-butvl Ether
Concen: 19.920 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

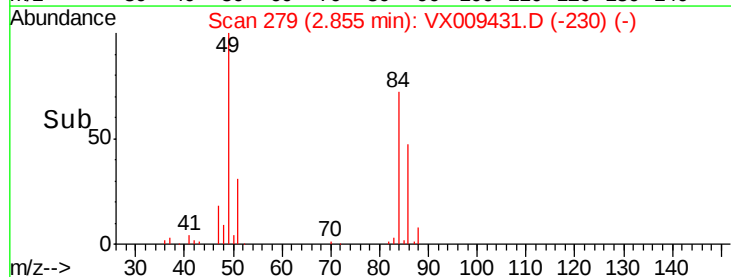
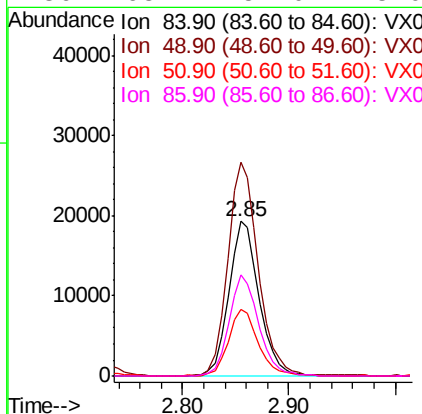
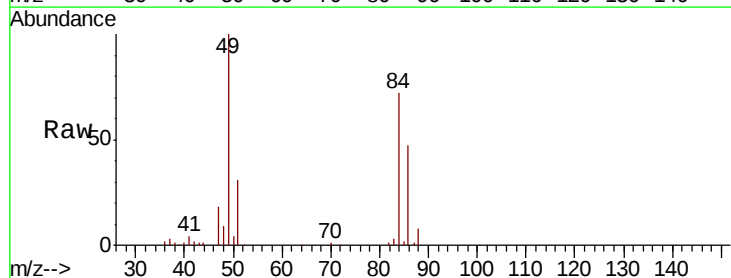
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 119576
Ion Ratio Lower Upper
73 100
57 24.4 19.3 28.9



#20
Methylene Chloride
Concen: 19.537 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

Tgt Ion: 84 Resp: 38201
Ion Ratio Lower Upper
84 100
49 138.4 109.9 164.9
51 43.2 32.7 49.1
86 65.4 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 20.271 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

Instrument :
MSVOA_X
ClientSampleId :

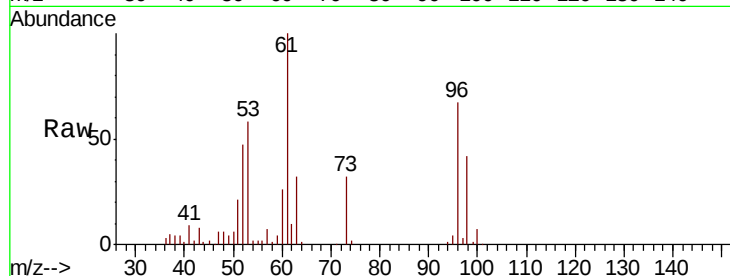
Tot Ion: 96 Resp: 33983

Ion Ratio Lower Upper

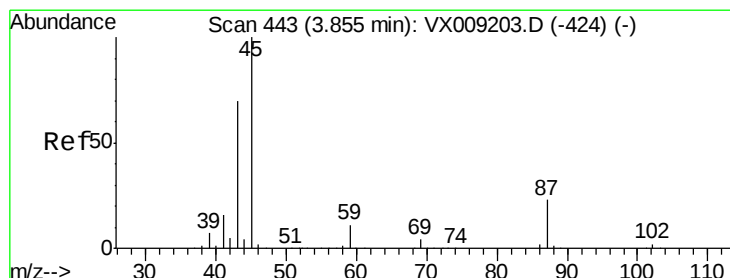
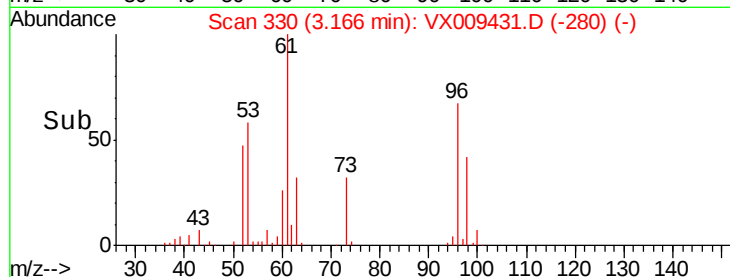
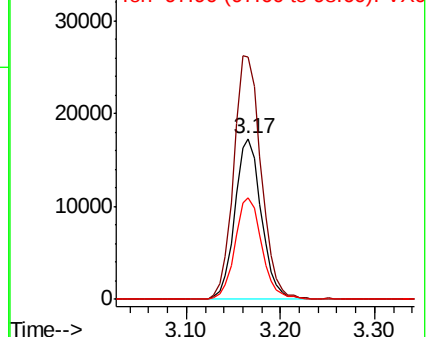
96 100

61 150.3 124.5 186.7

98 63.3 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: 20.016 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

Tgt Ion: 45 Resp: 145009

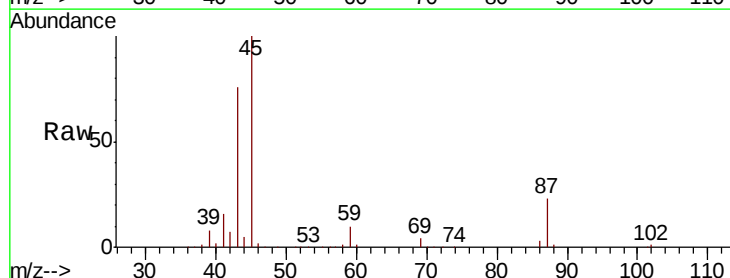
Ion Ratio Lower Upper

45 100

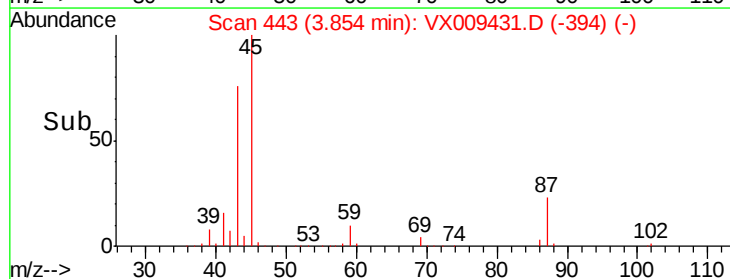
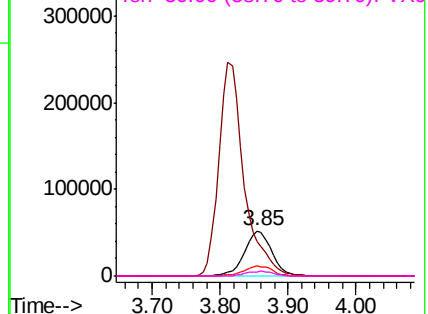
43 76.3 56.1 84.1

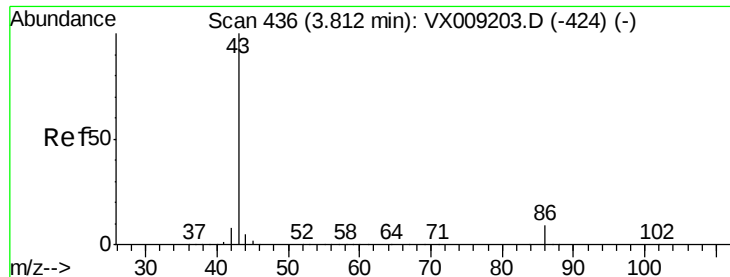
87 22.8 18.1 27.1

59 10.0 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: 102.388 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

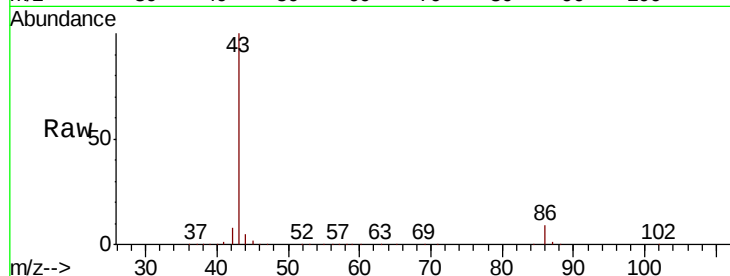
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 635188

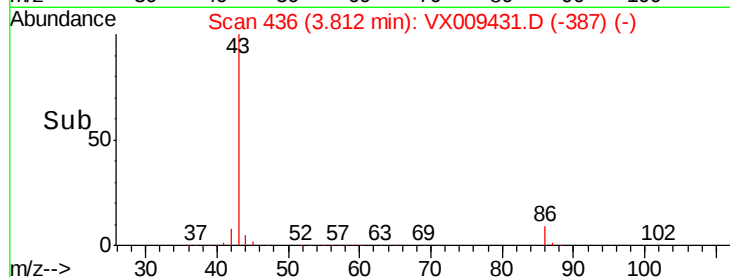
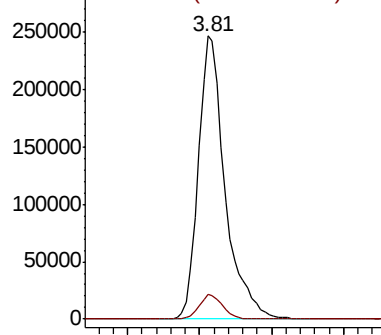
Ion Ratio Lower Upper

43 100

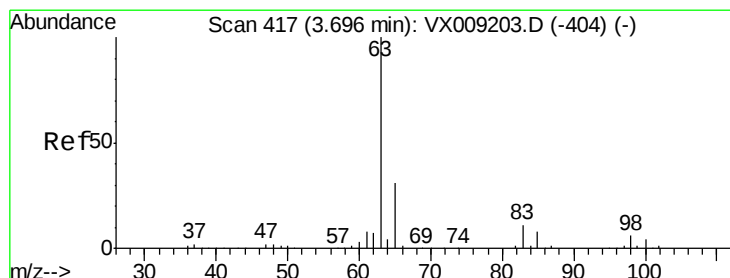
86 8.7 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 19.665 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

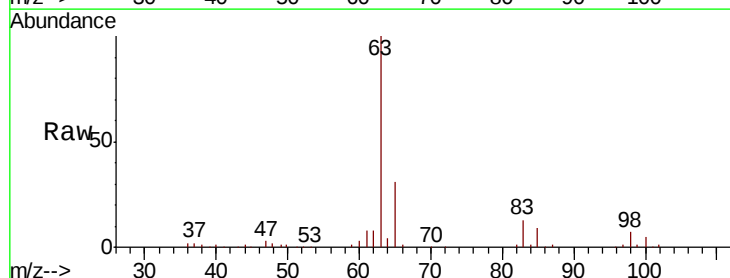
Tgt Ion: 63 Resp: 70282

Ion Ratio Lower Upper

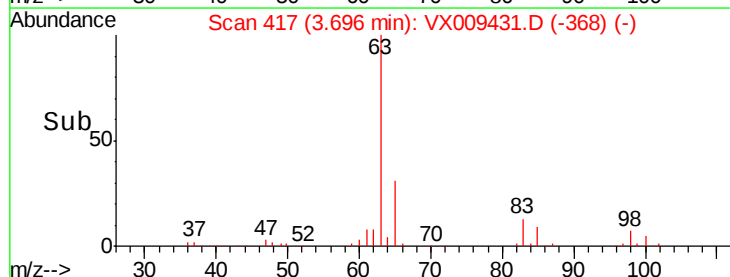
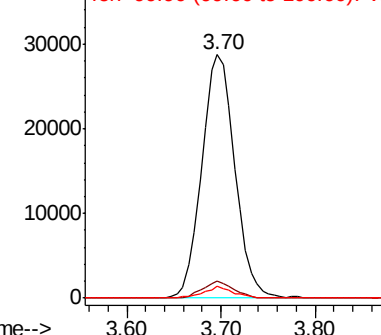
63 100

98 6.9 3.0 9.2

100 4.9 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



Time-->



#25

2-Butanone

Concen: 99.564 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

Instrument :

MSVOA_X

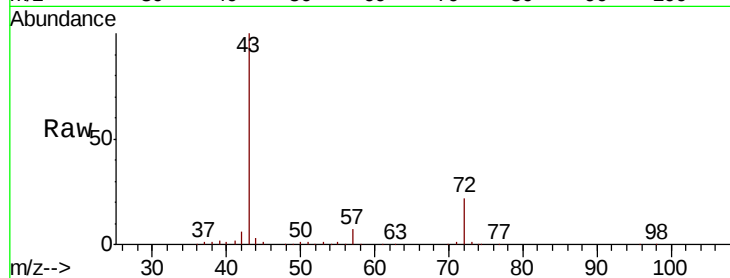
ClientSampleId :

Tot Ion: 43 Resp: 186844

Ion Ratio Lower Upper

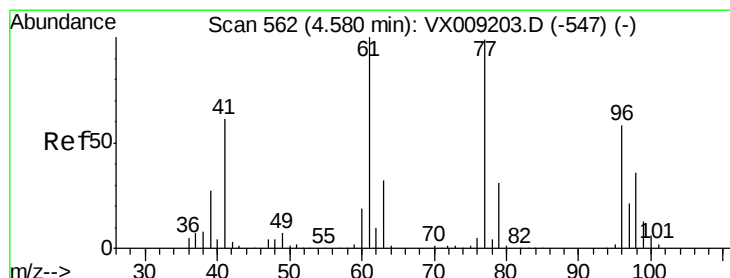
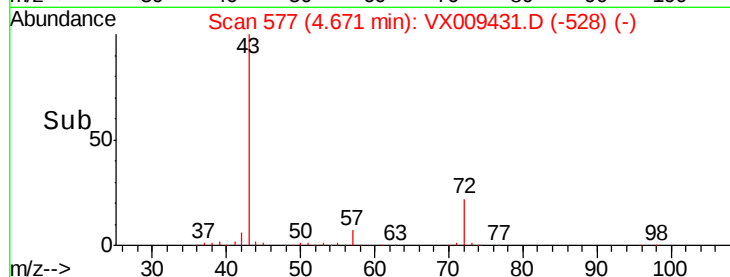
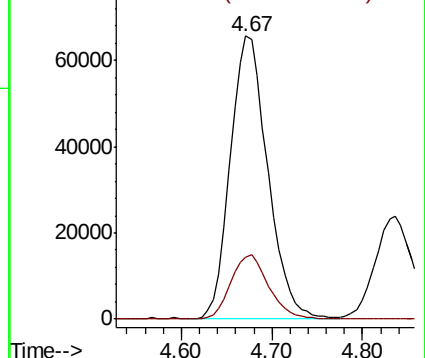
43 100

72 21.8 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.239 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009431.D

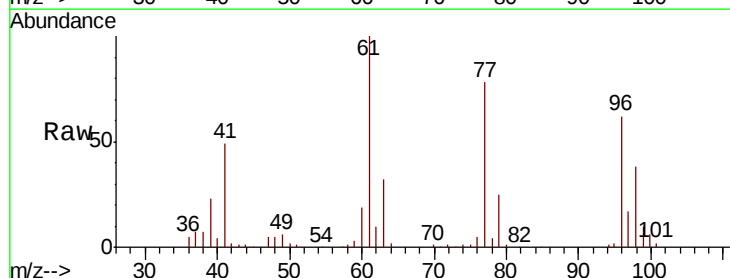
Acq: 09 May 2019 16:34

Tgt Ion: 77 Resp: 48519

Ion Ratio Lower Upper

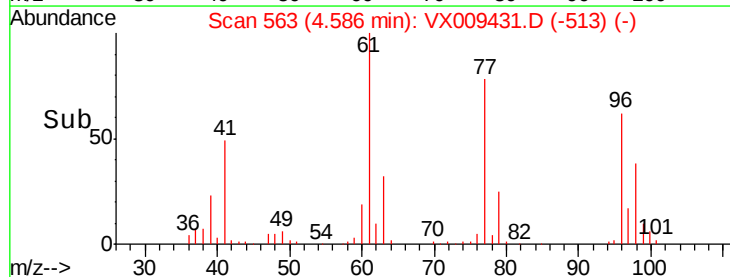
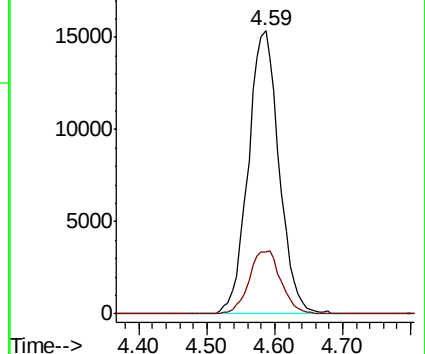
77 100

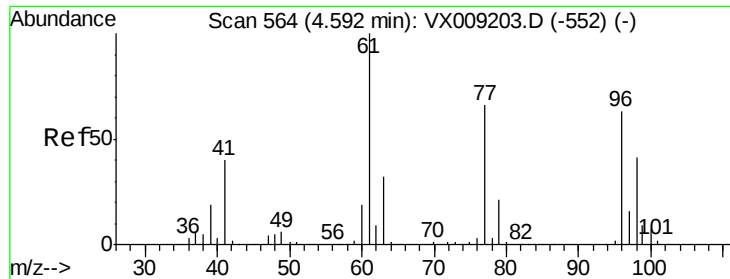
97 23.1 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



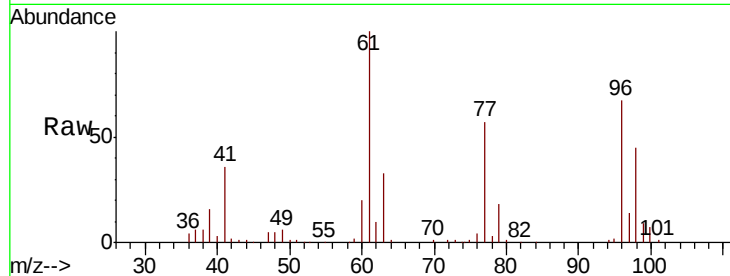


#27

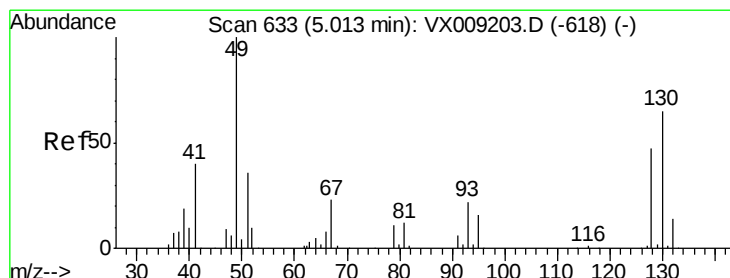
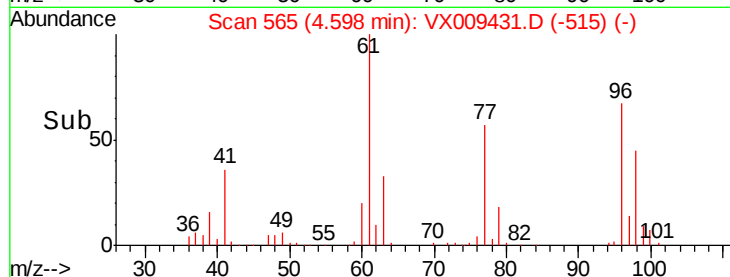
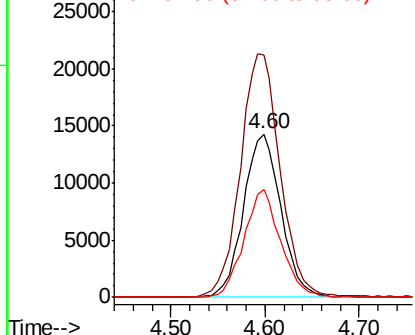
cis-1,2-Dichloroethene
 Concen: 19.931 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009431.D
 Acq: 09 May 2019 16:34

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 96 Resp: 39882
 Ion Ratio Lower Upper
 96 100
 61 158.4 0.0 324.0
 98 64.8 0.0 130.4



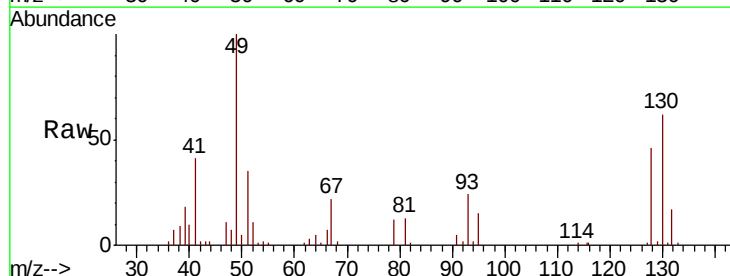
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



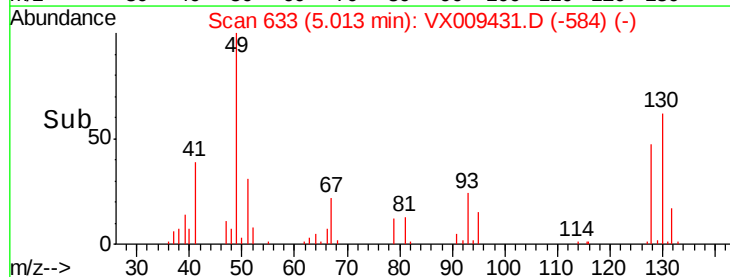
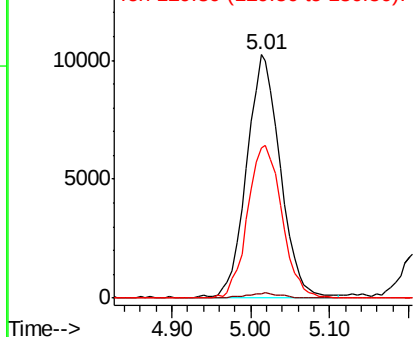
#28

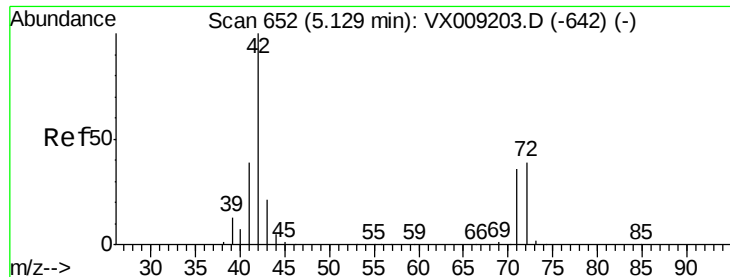
Bromochloromethane
 Concen: 19.467 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009431.D
 Acq: 09 May 2019 16:34

Tgt Ion: 49 Resp: 30414
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 63.9 51.2 76.8



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





#29

Tetrahydrofuran

Concen: 102.850 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

Instrument :

MSVOA_X

ClientSampled :

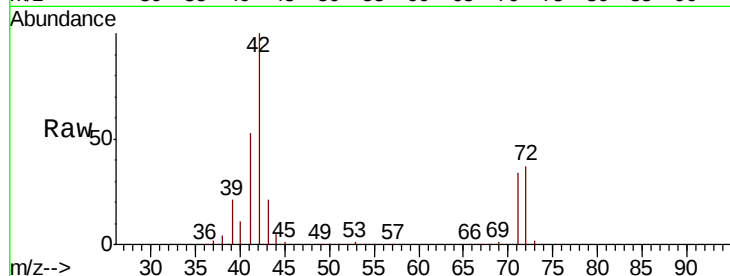
Tot Ion: 42 Resp: 124202

Ion Ratio Lower Upper

42 100

72 37.6 30.4 45.6

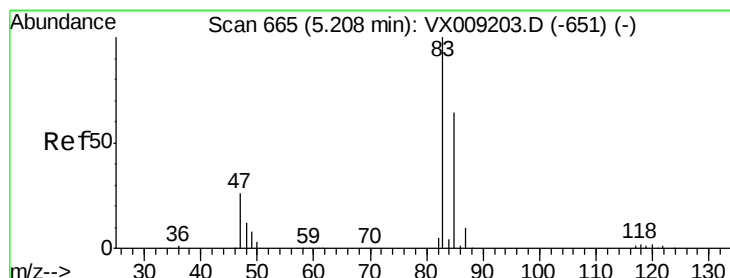
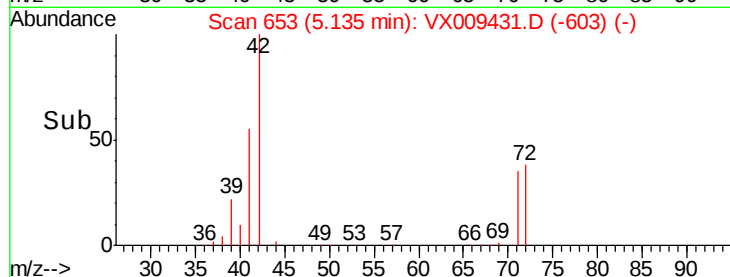
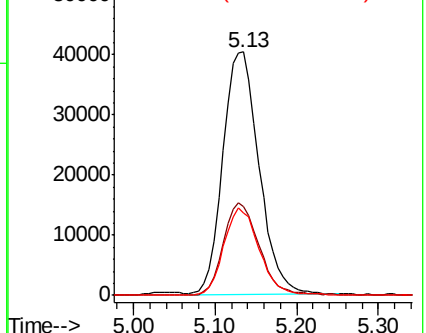
71 35.3 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.978 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX009431.D

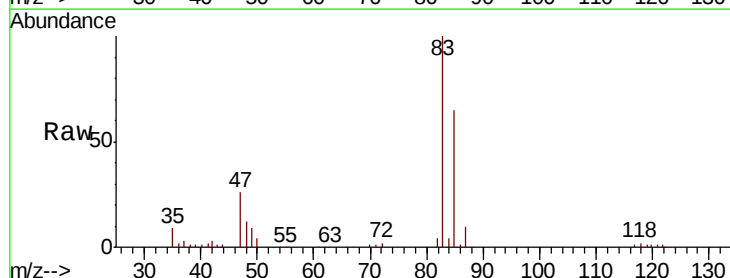
Acq: 09 May 2019 16:34

Tgt Ion: 83 Resp: 64577

Ion Ratio Lower Upper

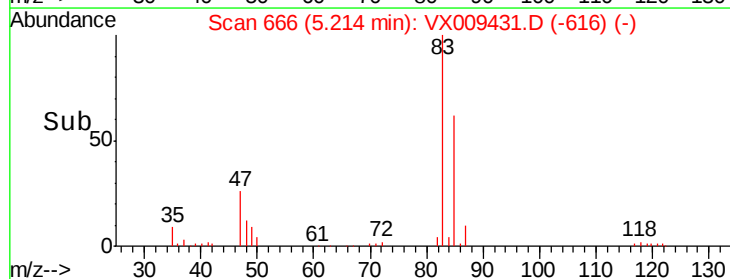
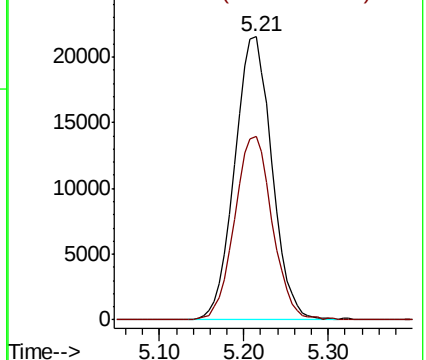
83 100

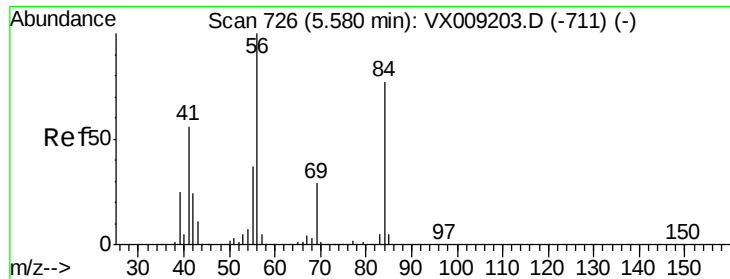
85 64.7 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

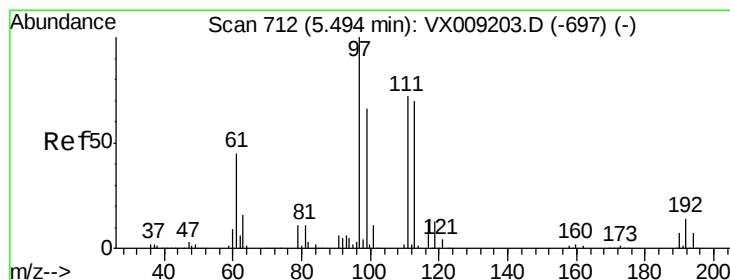
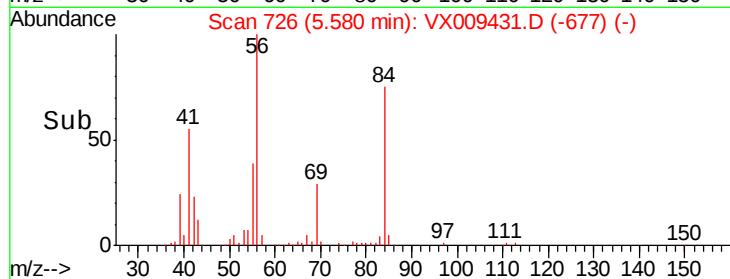
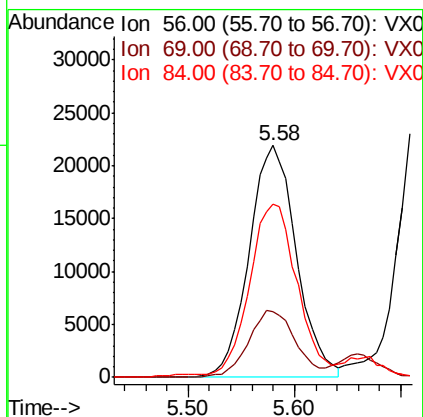
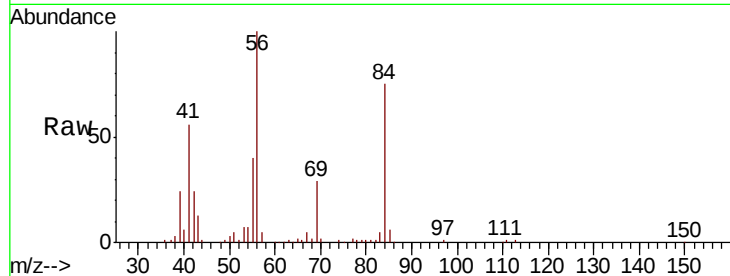




#31
Cyclohexane
Concen: 20.450 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

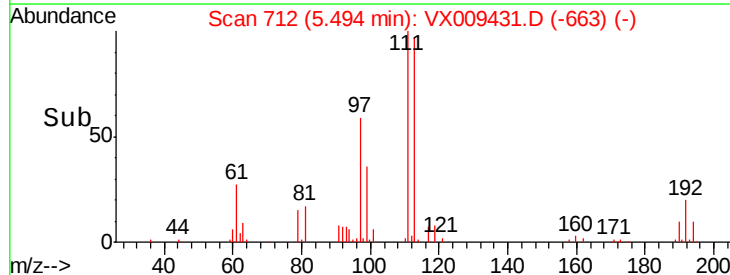
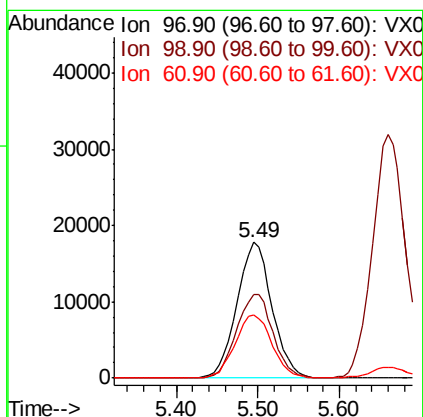
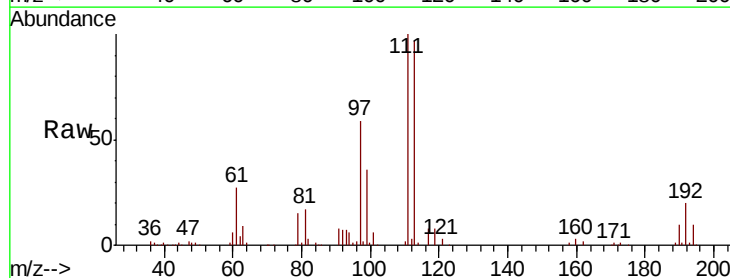
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 67998
Ion Ratio Lower Upper
56 100
69 28.3 23.4 35.0
84 73.4 61.9 92.9



#32
1,1,1-Trichloroethane
Concen: 19.719 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

Tgt Ion: 97 Resp: 53061
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.8
61 49.0 37.8 56.8

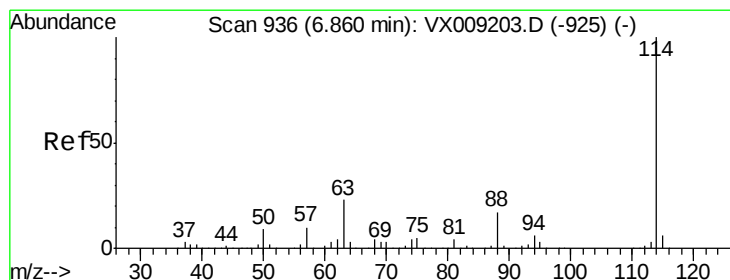
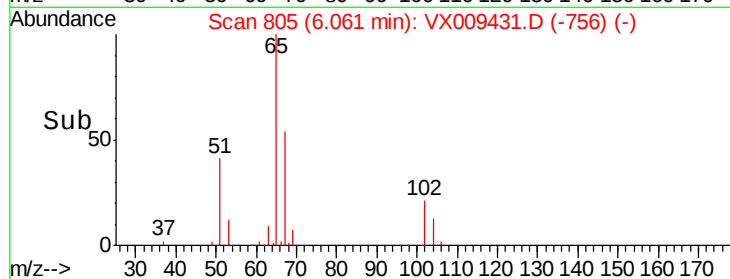
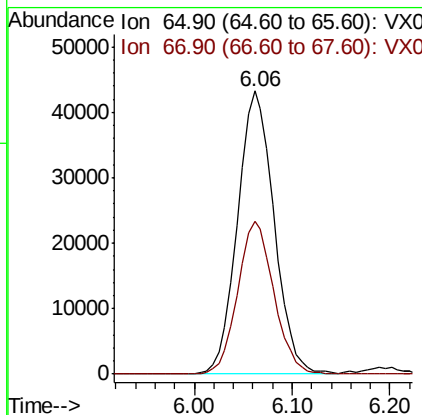
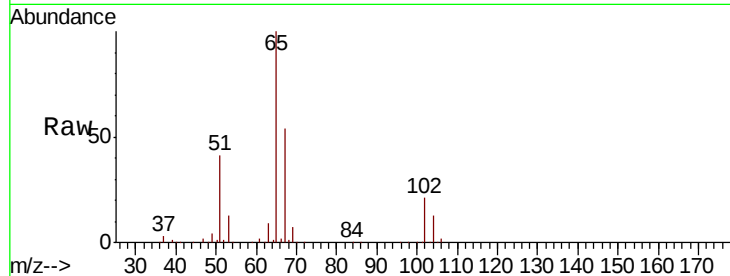




#33
 1,2-Dichloroethane-d4
 Concen: 49.840 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009431.D
 Acq: 09 May 2019 16:34

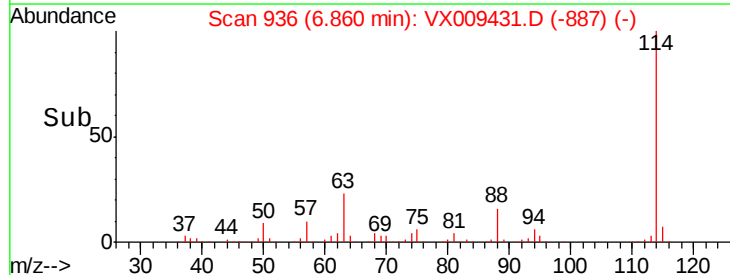
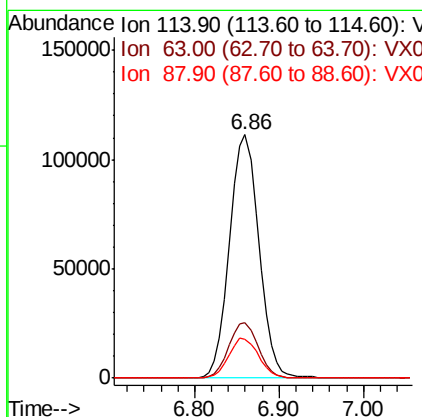
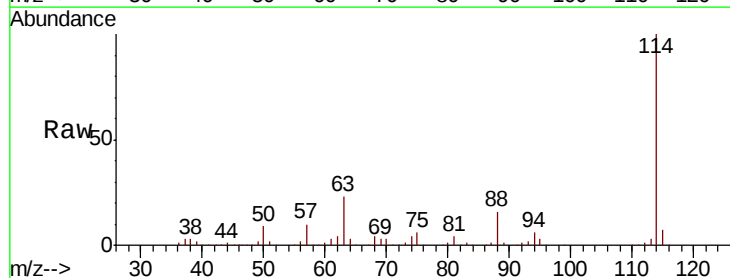
Instrument :
 MSVOA_X
 ClientSampleId :

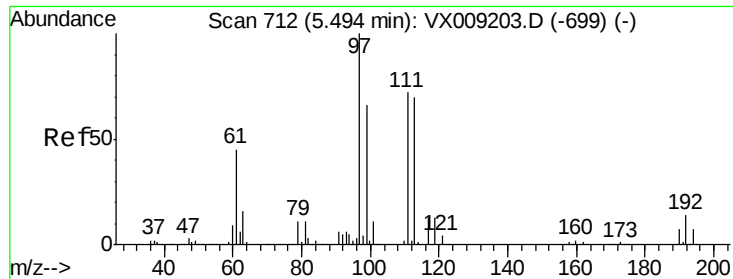
Tot Ion: 65 Resp: 112090
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009431.D
 Acq: 09 May 2019 16:34

Tgt Ion: 114 Resp: 263873
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.6
 88 16.1 0.0 33.2

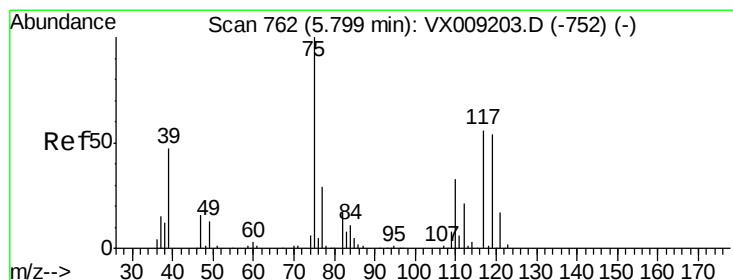
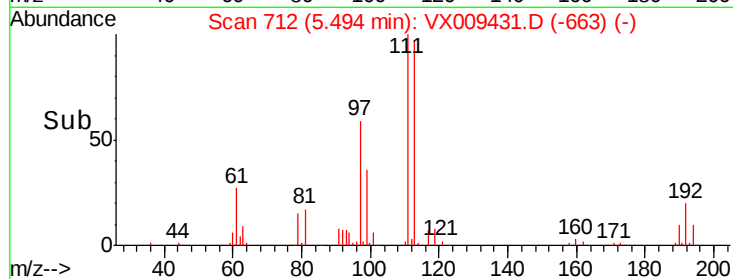
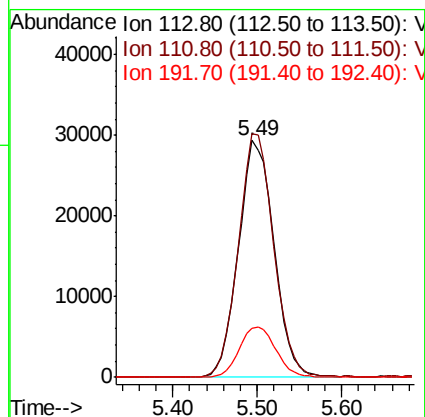
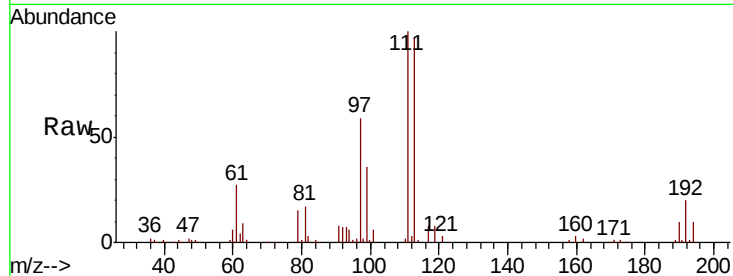




#35
 Dibromofluoromethane
 Concen: 50.491 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX009431.D
 Acq: 09 May 2019 16:34

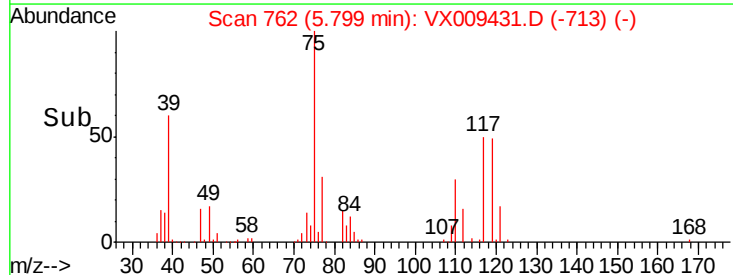
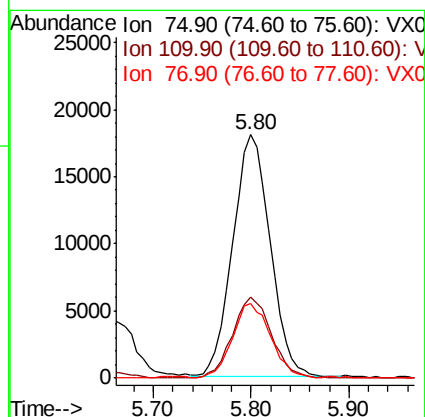
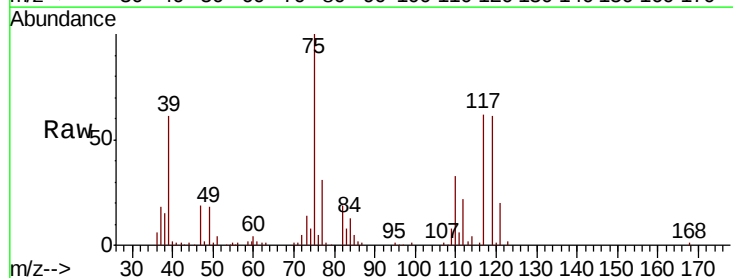
Instrument :
 MSVOA_X
 ClientSampled :

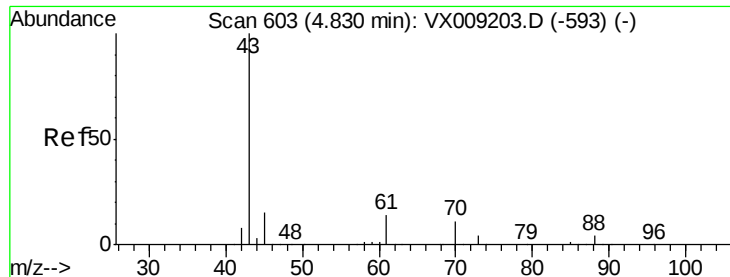
Tot Ion:113 Resp: 83755
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.8 124.2
 192 21.9 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 19.661 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009431.D
 Acq: 09 May 2019 16:34

Tgt Ion: 75 Resp: 48212
 Ion Ratio Lower Upper
 75 100
 110 34.6 16.9 50.6
 77 31.0 24.8 37.2





#37

Ethyl Acetate

Concen: 20.401 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

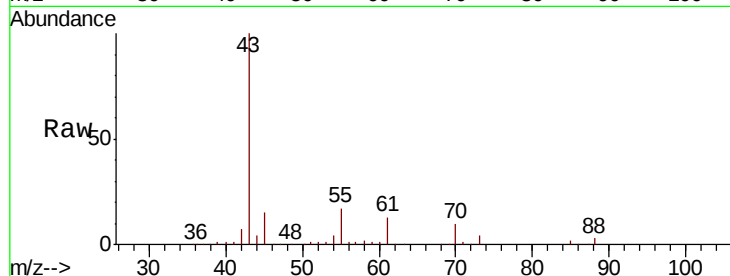
Tot Ion: 43 Resp: 69704

Ion Ratio Lower Upper

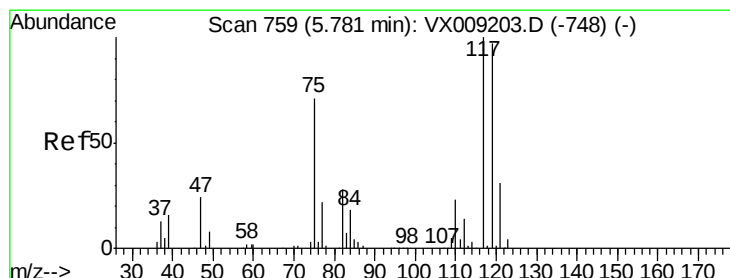
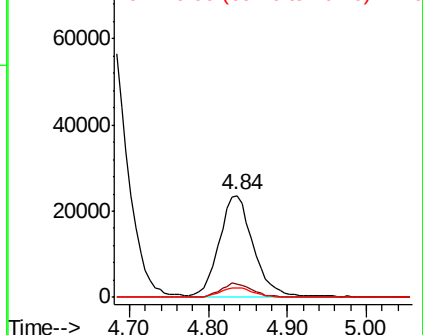
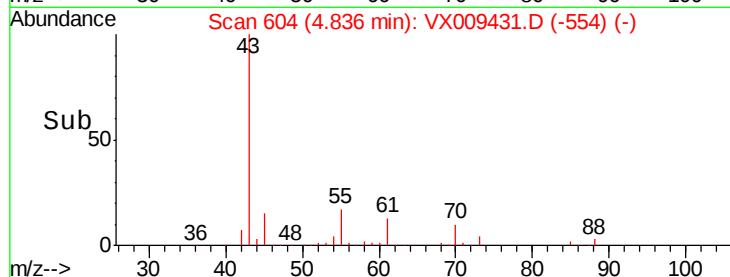
43 100

61 13.7 10.5 15.7

70 9.7 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX009431.D (-554) (-)



#38

Carbon Tetrachloride

Concen: 19.720 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

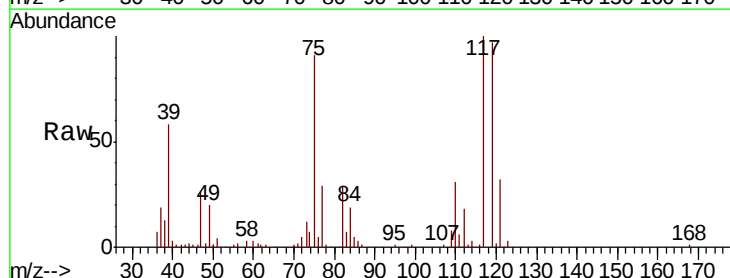
Tgt Ion: 117 Resp: 43936

Ion Ratio Lower Upper

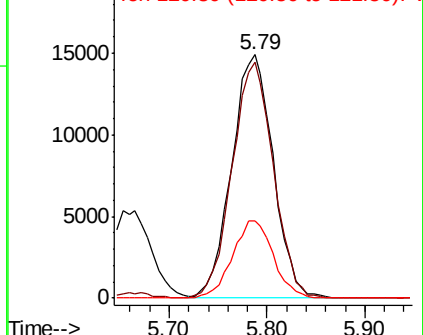
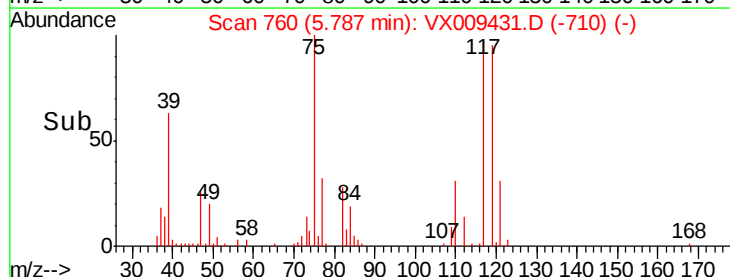
117 100

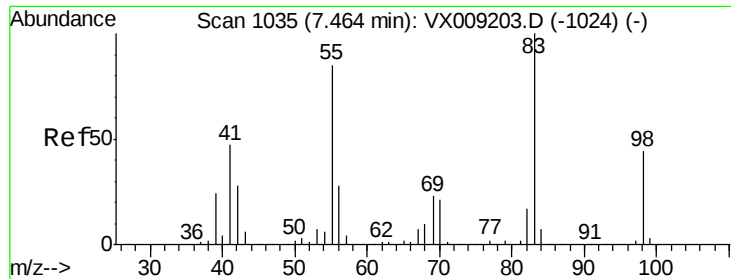
119 96.9 77.5 116.3

121 31.9 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): VX009431.D (-710) (-)

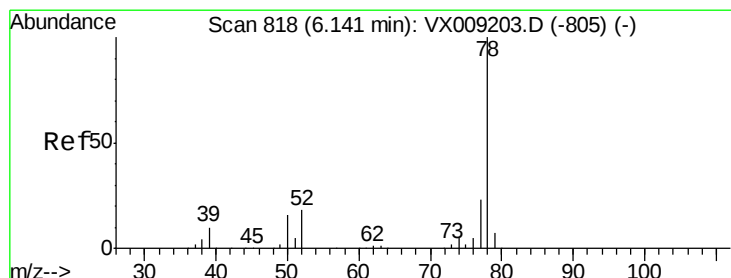
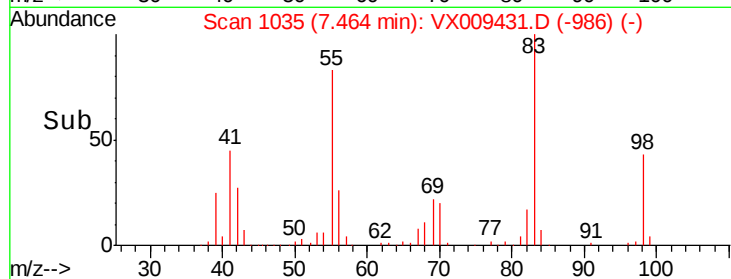
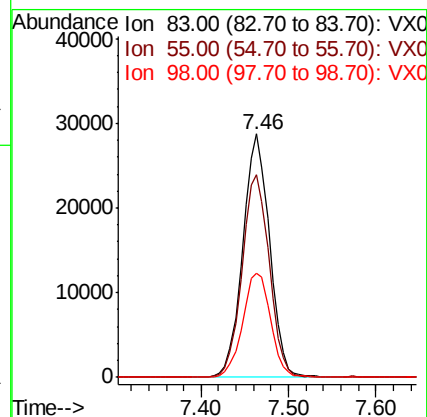
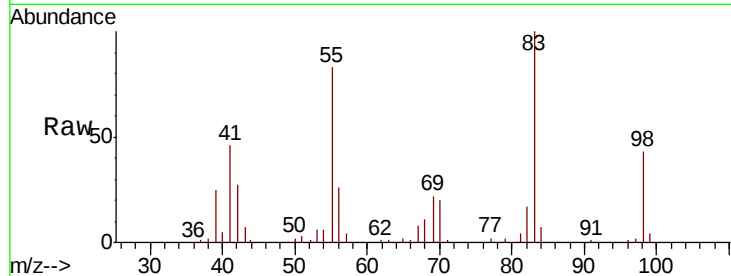




#39
Methvlcvclohexane
Concen: 20.333 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

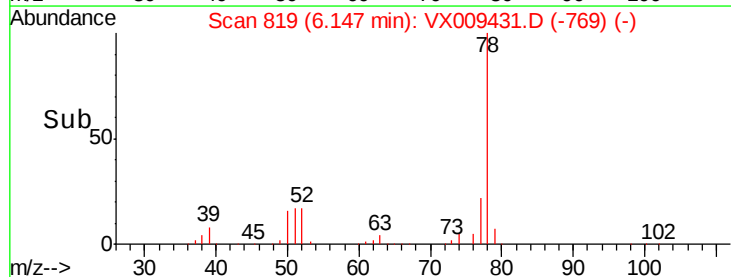
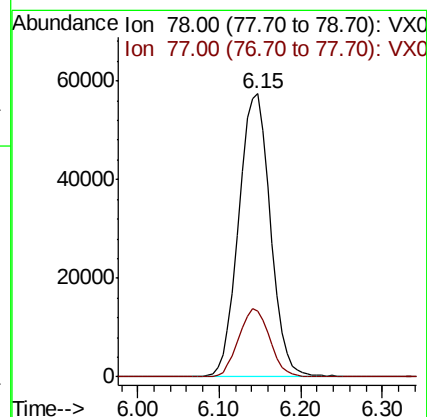
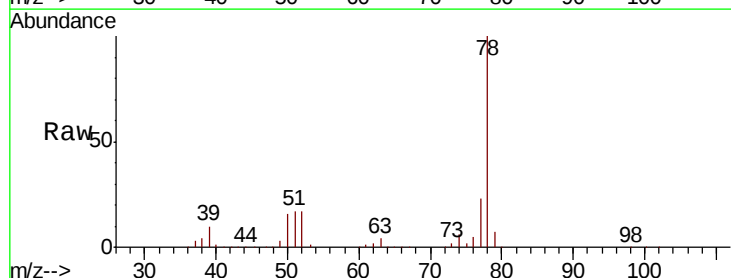
Instrument :
MSVOA_X
ClientSampleId :

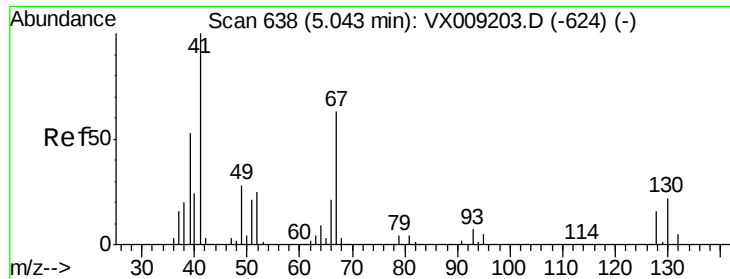
Tot Ion: 83 Resp: 61234
Ion Ratio Lower Upper
83 100
55 83.3 67.7 101.5
98 42.5 35.5 53.3



#40
Benzene
Concen: 20.385 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

Tgt Ion: 78 Resp: 154707
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2

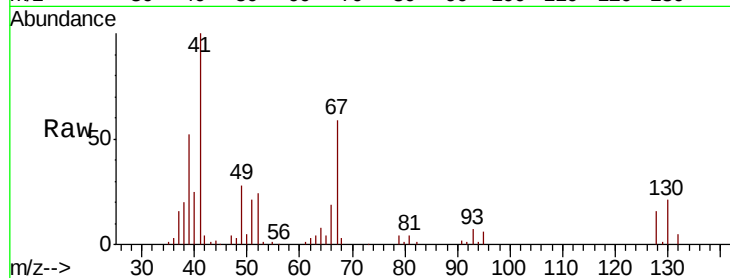




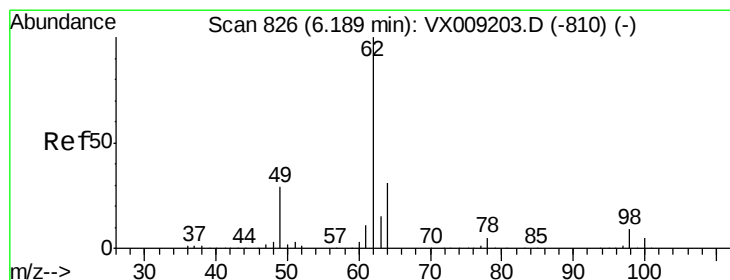
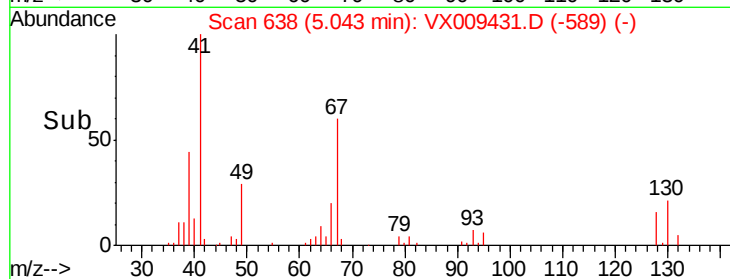
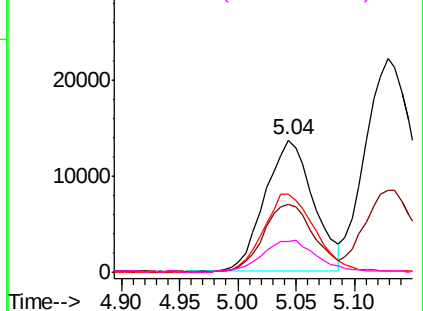
#41
Methacrylonitrile
Concen: 19.497 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	39653
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.0	63.0
67	63.2	49.8	74.8
52	27.4	20.3	30.5

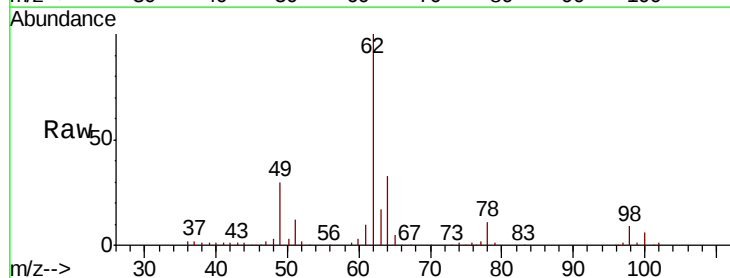


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

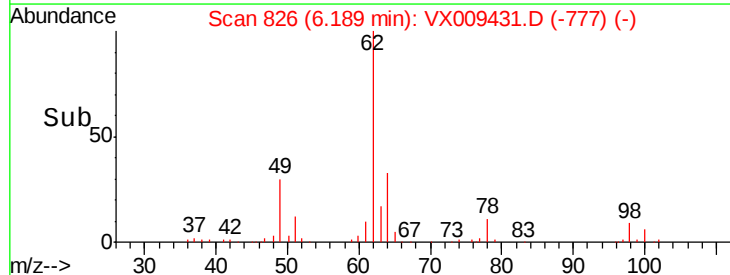
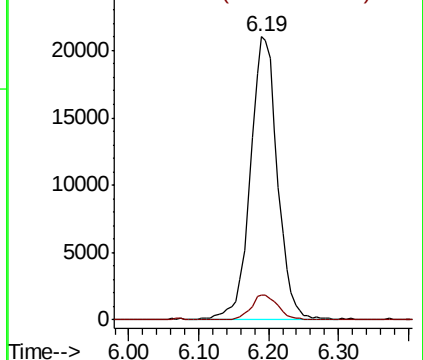


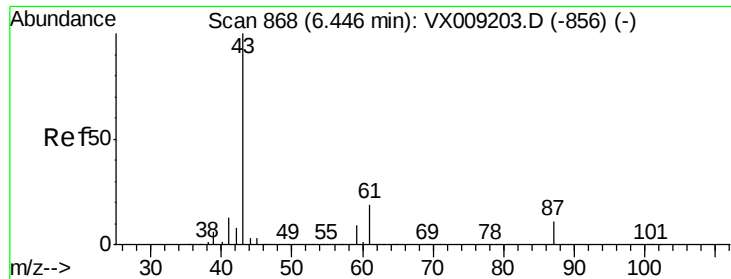
#42
1,2-Dichloroethane
Concen: 20.544 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

Tgt Ion:	62	Resp:	55927
Ion	Ratio	Lower	Upper
62	100		
98	8.9	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: 19.978 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

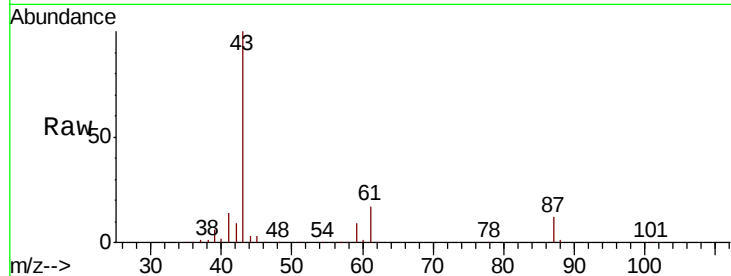
Tot Ion: 43 Resp: 109180

Ion Ratio Lower Upper

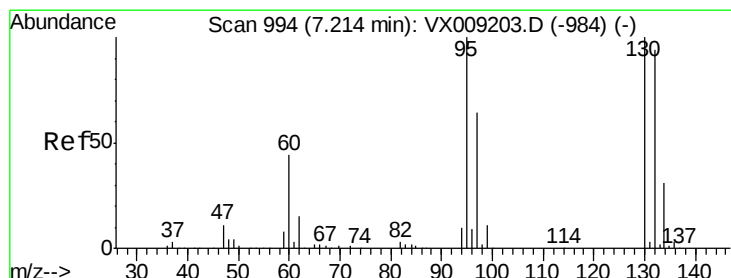
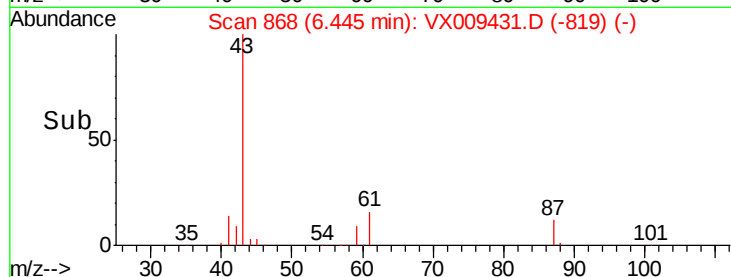
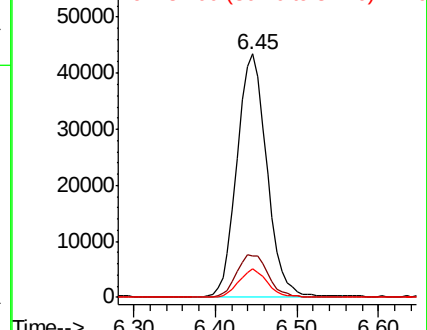
43 100

61 18.8 15.1 22.7

87 11.4 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: 19.787 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009431.D

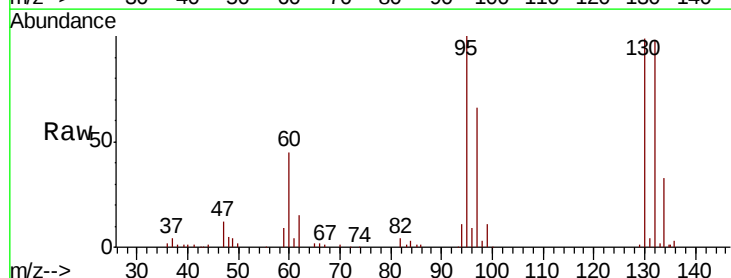
Acq: 09 May 2019 16:34

Tgt Ion:130 Resp: 36303

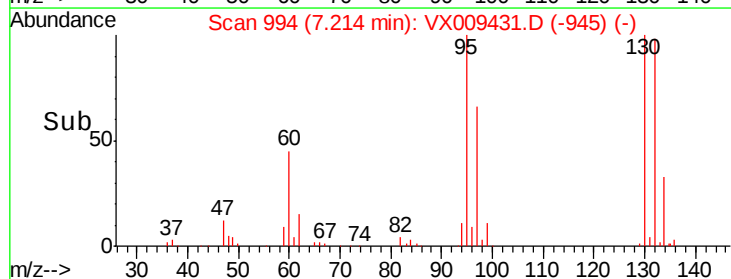
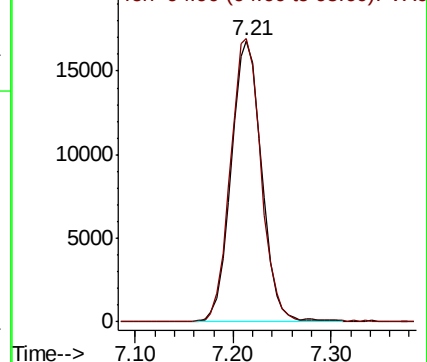
Ion Ratio Lower Upper

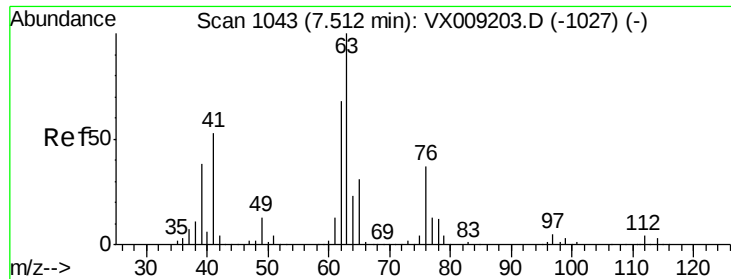
130 100

95 100.7 0.0 199.2



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

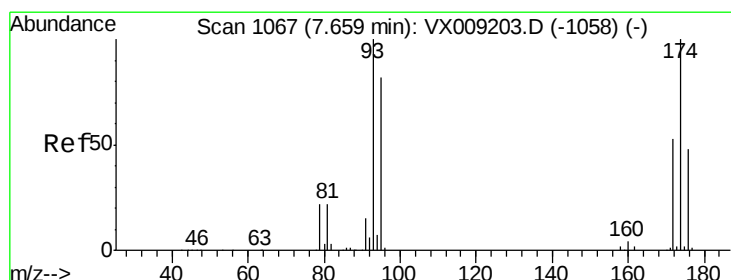
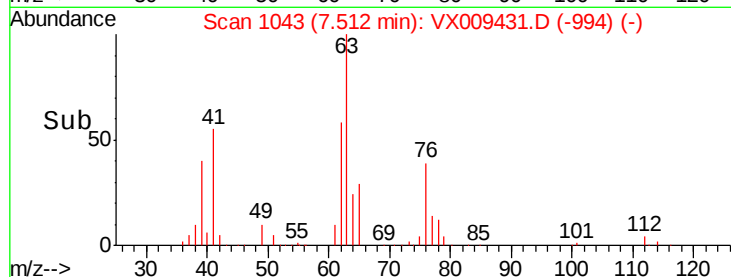
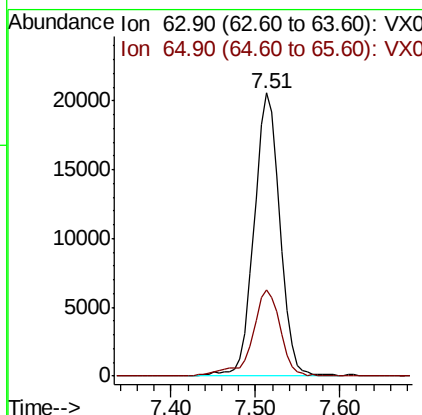
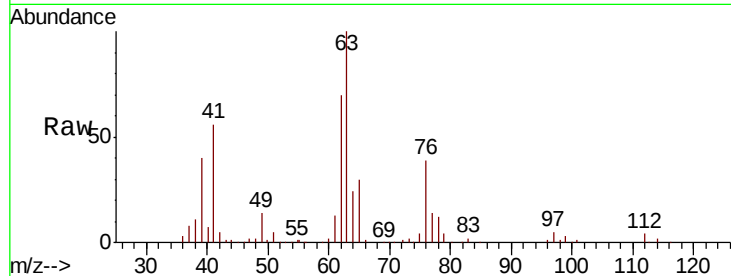




#45
 1,2-Dichloropropane
 Concen: 19.990 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009431.D
 Acq: 09 May 2019 16:34

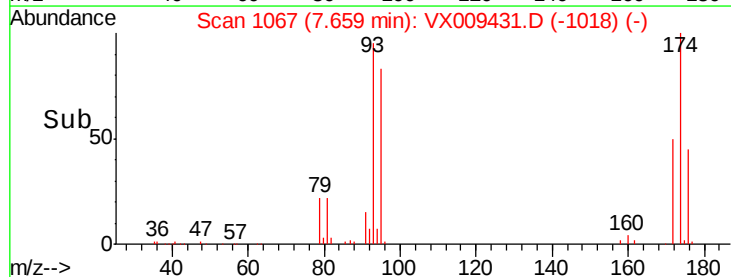
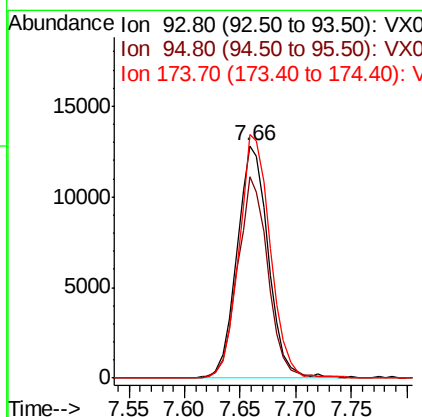
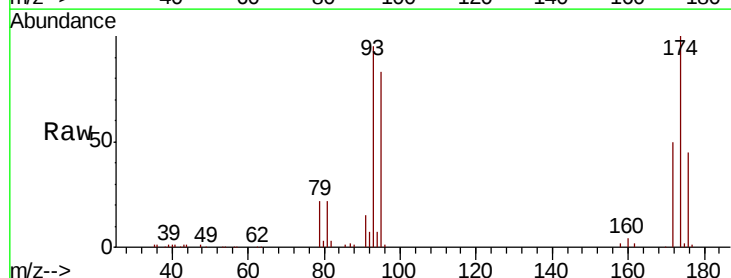
Instrument :
 MSVOA_X
 ClientSampled :

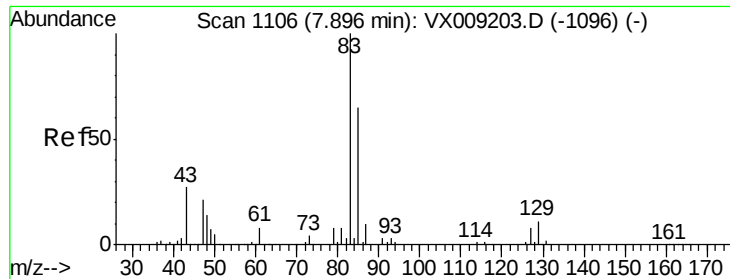
Tot Ion: 63 Resp: 42957
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.0 37.6



#46
 Dibromomethane
 Concen: 19.948 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009431.D
 Acq: 09 May 2019 16:34

Tgt Ion: 93 Resp: 24893
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.5 99.7
 174 105.3 82.1 123.1





#47

Bromodichloromethane

Concen: 19.706 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

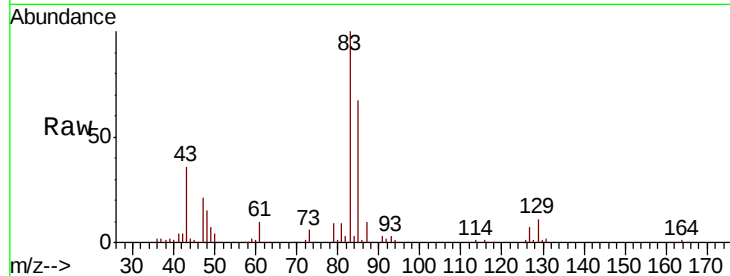
Tot Ion: 83 Resp: 49053

Ion Ratio Lower Upper

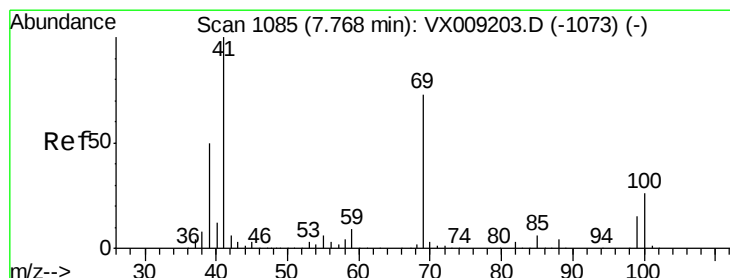
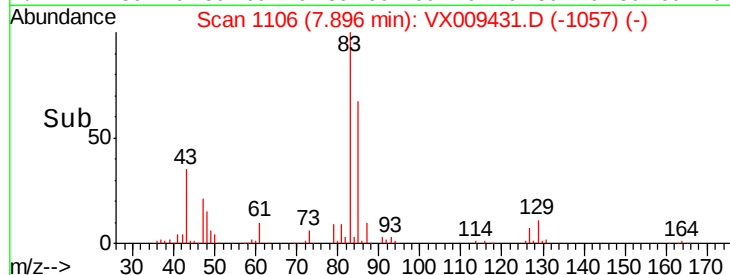
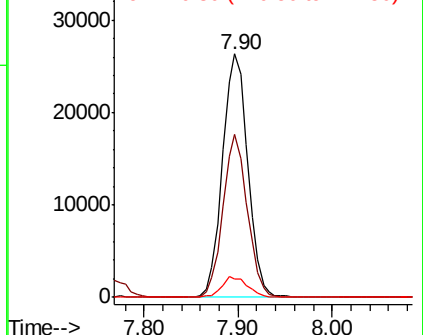
83 100

85 66.8 52.4 78.6

127 7.4 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: 20.087 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

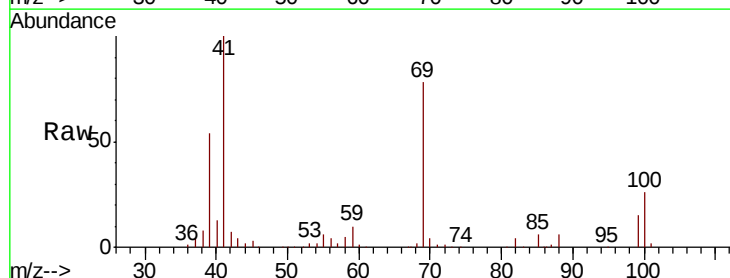
Tgt Ion: 41 Resp: 54464

Ion Ratio Lower Upper

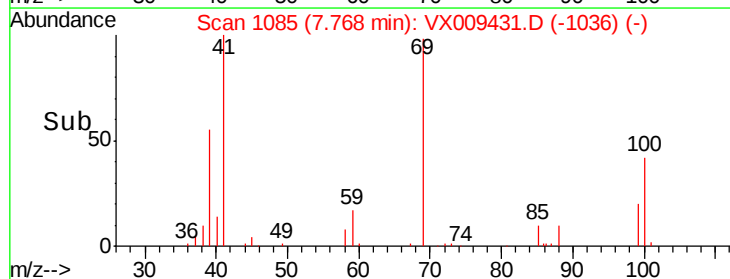
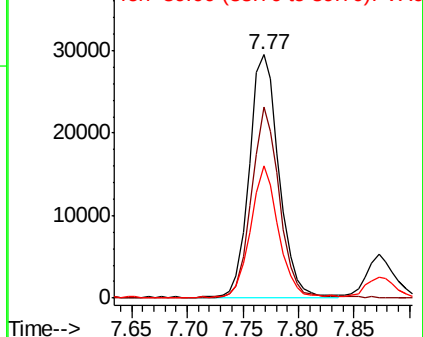
41 100

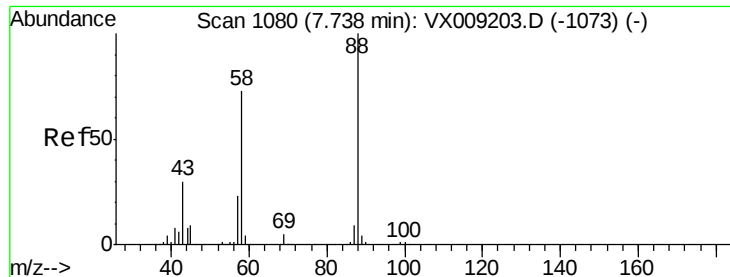
69 74.8 59.1 88.7

39 51.9 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: 411.102 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

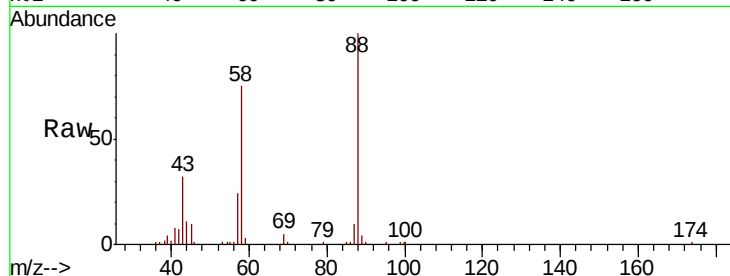
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 88 Resp: 22605

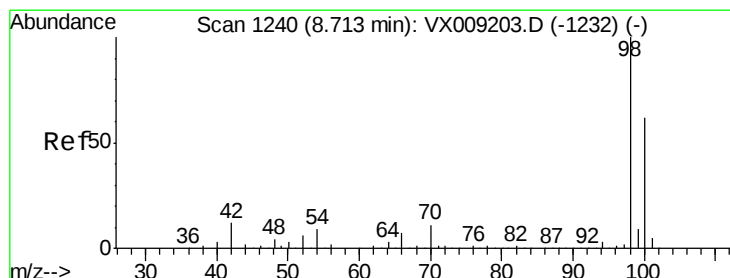
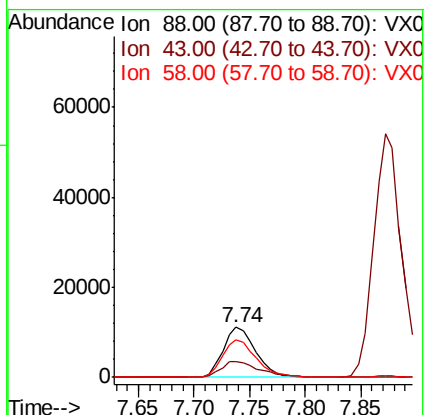
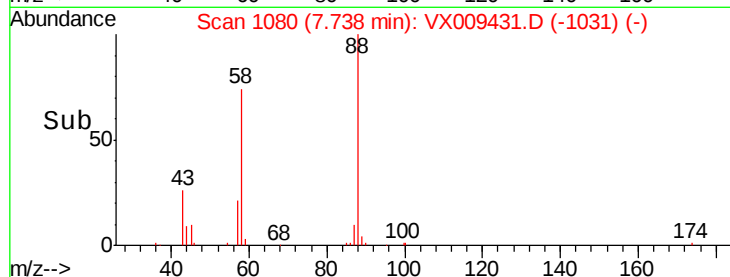
Ion	Ratio	Lower	Upper
88	100		
43	39.1	28.6	42.8
58	78.0	61.7	92.5



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: 49.712 ug/l

RT: 8.71 min Scan# 1240

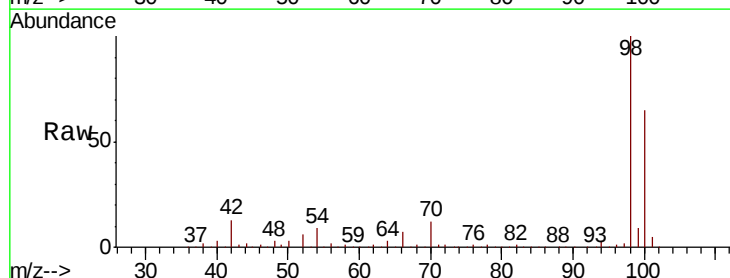
Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

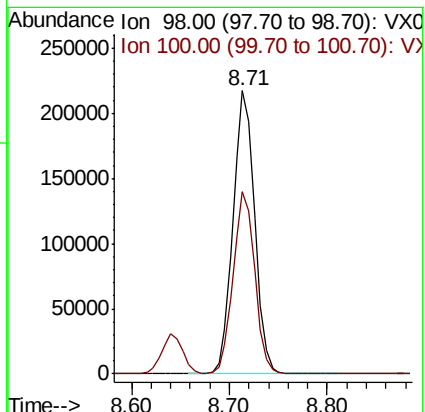
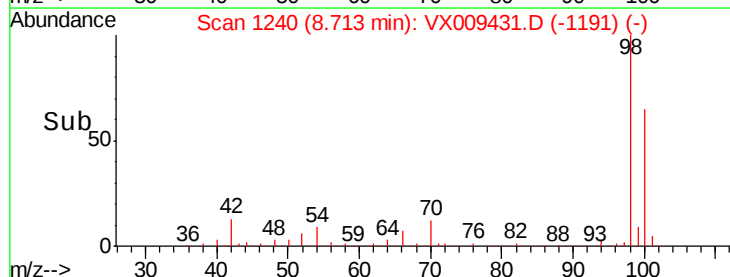
Tgt Ion: 98 Resp: 332924

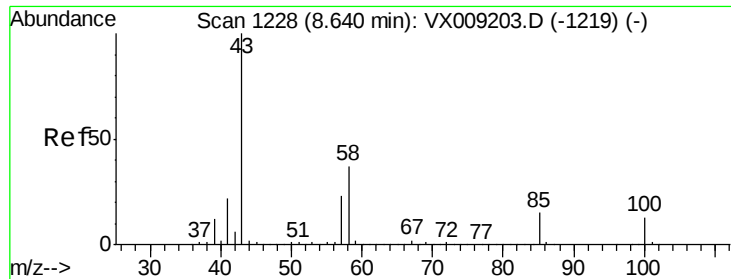
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.2	76.8



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: 102.099 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

Instrument :

MSVOA_X

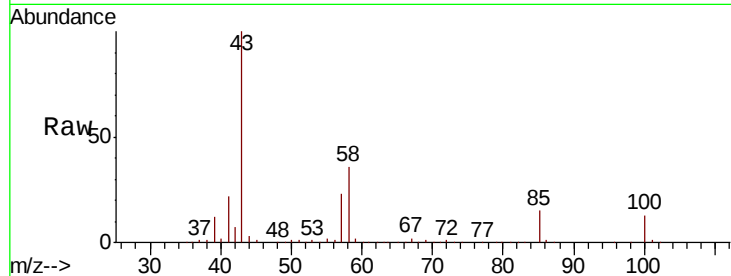
ClientSampleId :

Tot Ion: 43 Resp: 364710

Ion Ratio Lower Upper

43 100

58 36.6 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

250000

200000

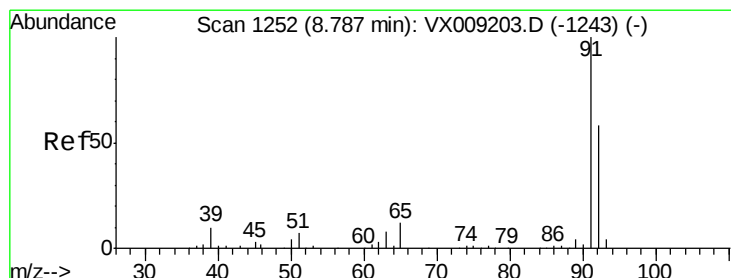
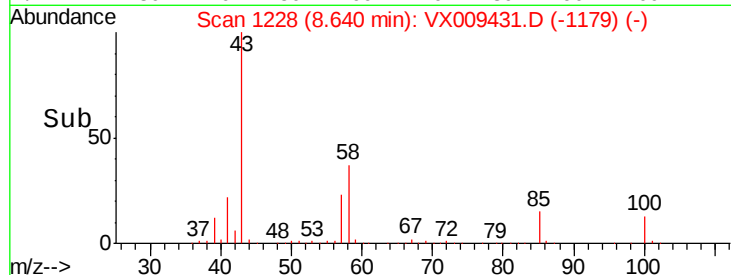
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.413 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009431.D

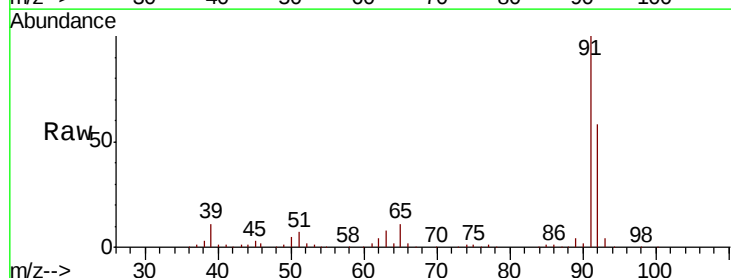
Acq: 09 May 2019 16:34

Tgt Ion: 92 Resp: 94169

Ion Ratio Lower Upper

92 100

91 174.5 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

120000

100000

80000

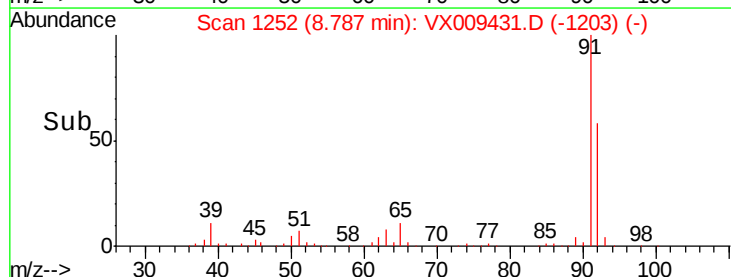
60000

40000

20000

0

Time-->

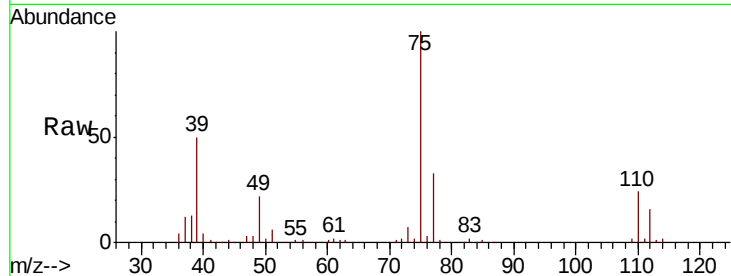




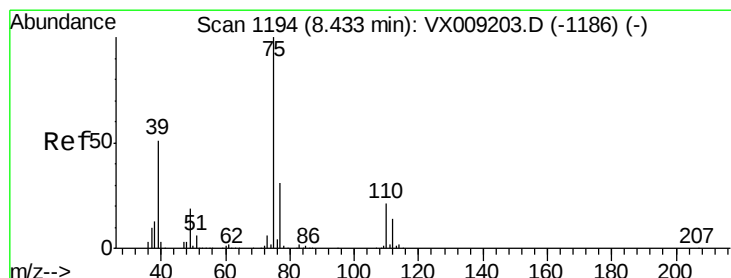
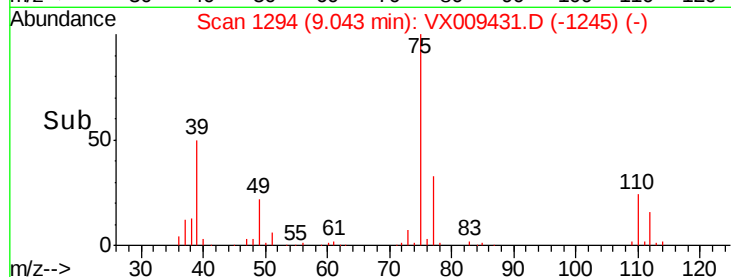
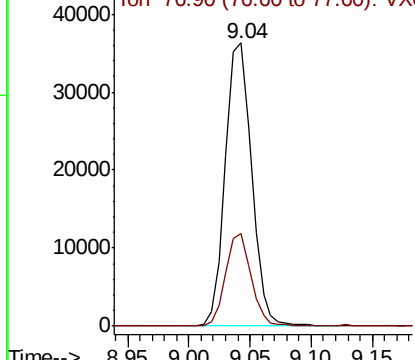
#53
 t-1,3-Dichloropropene
 Concen: 19.374 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX009431.D
 Acq: 09 May 2019 16:34

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 54448
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.0 37.6

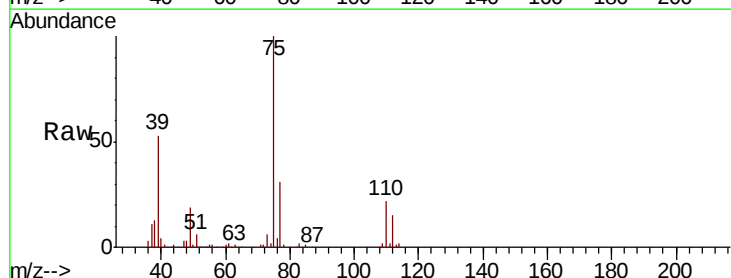


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0

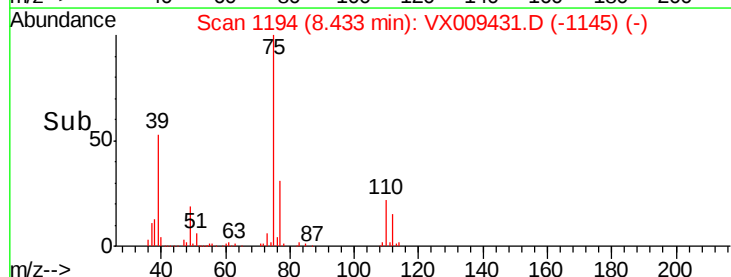
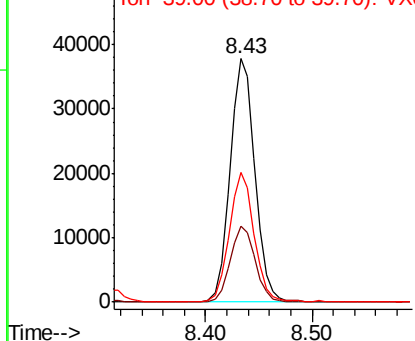


#54
 cis-1,3-Dichloropropene
 Concen: 19.854 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009431.D
 Acq: 09 May 2019 16:34

Tgt Ion: 75 Resp: 61760
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 36.8
 39 53.2 40.6 60.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0

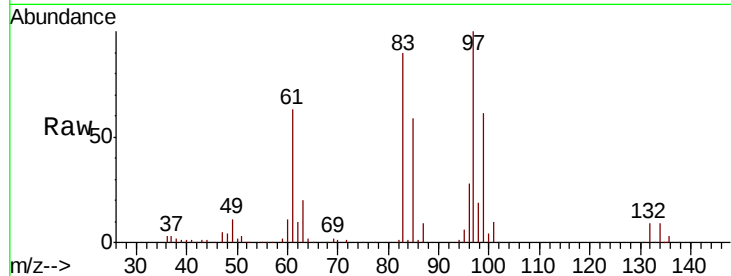




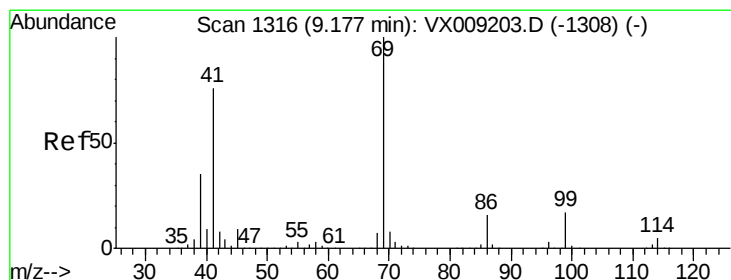
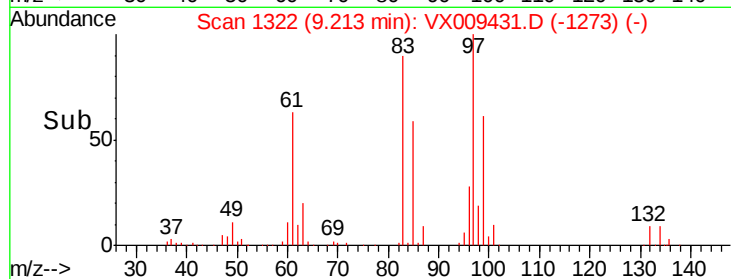
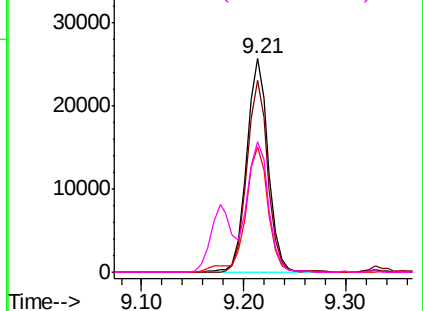
#55
 1,1,2-Trichloroethane
 Concen: 20.105 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009431.D
 Acq: 09 May 2019 16:34

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	37840
Ion	Ratio	Lower	Upper
97	100		
83	89.8	68.9	103.3
85	58.9	43.8	65.6
99	61.3	48.2	72.2

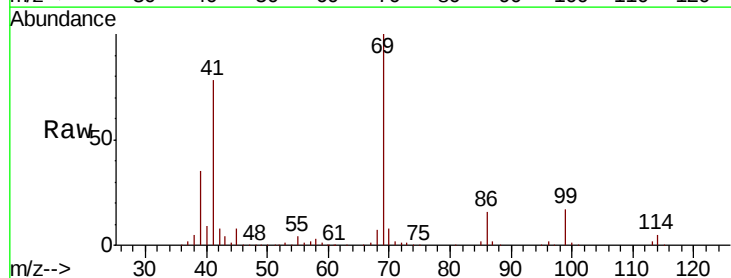


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

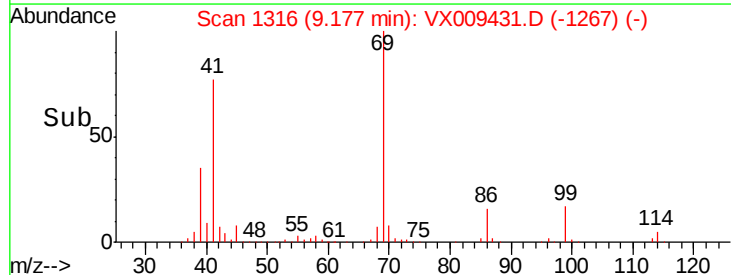
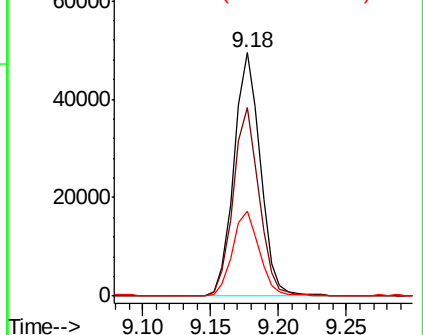


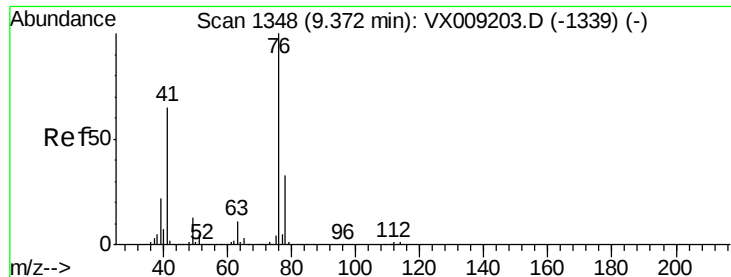
#56
 Ethyl methacrylate
 Concen: 19.930 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009431.D
 Acq: 09 May 2019 16:34

Tgt Ion:	69	Resp:	66956
Ion	Ratio	Lower	Upper
69	100		
41	75.8	60.6	90.8
39	35.2	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: 20.364 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

Instrument :

MSVOA_X

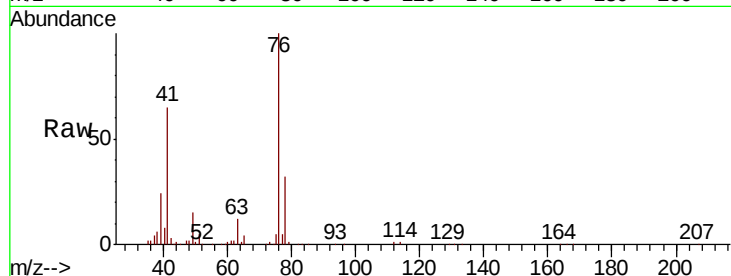
ClientSampleId :

Tot Ion: 76 Resp: 67445

Ion Ratio Lower Upper

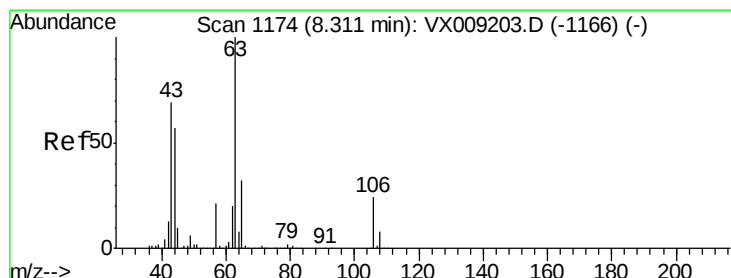
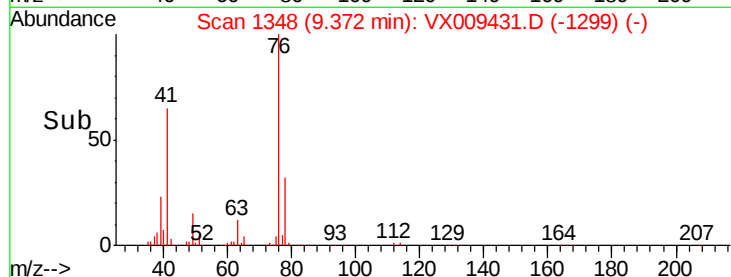
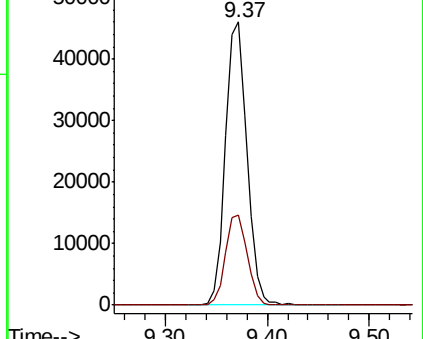
76 100

78 32.4 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 96.453 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009431.D

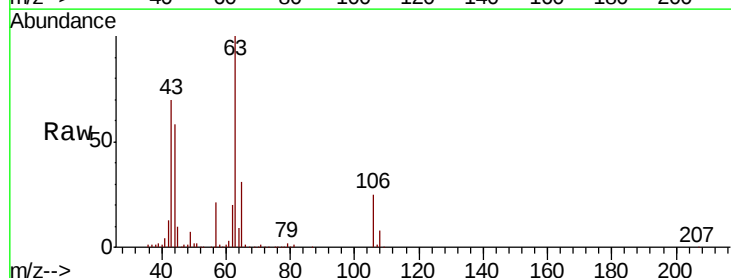
Acq: 09 May 2019 16:34

Tgt Ion: 63 Resp: 171905

Ion Ratio Lower Upper

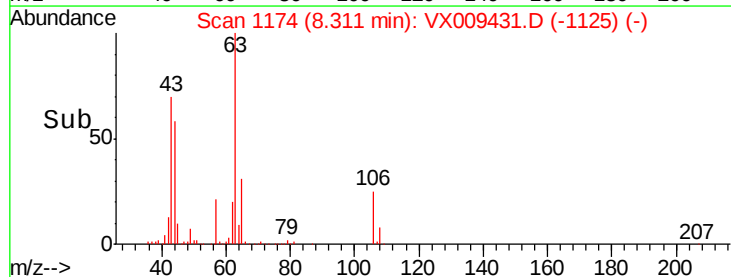
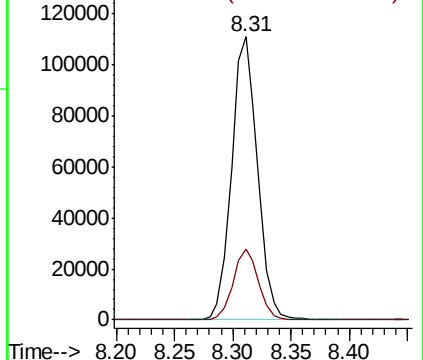
63 100

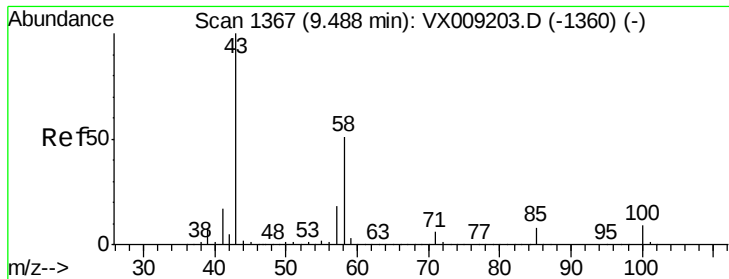
106 24.7 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

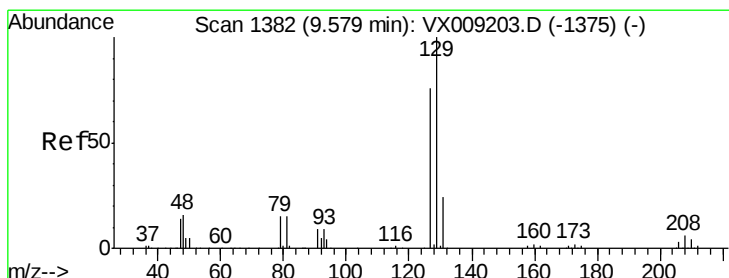
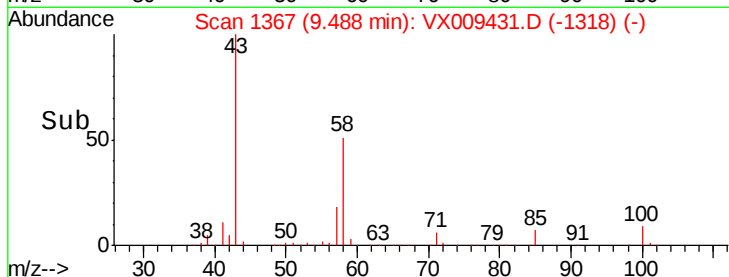
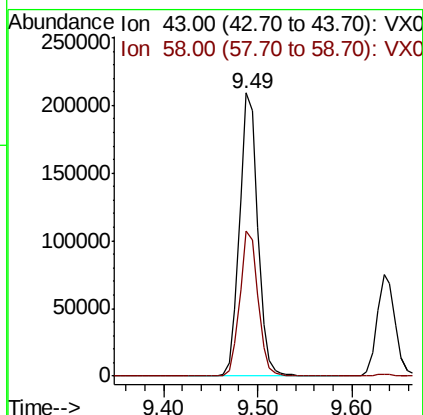
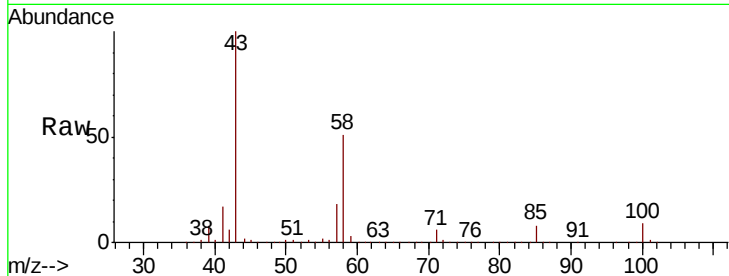




#59
2-Hexanone
Concen: 100.088 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

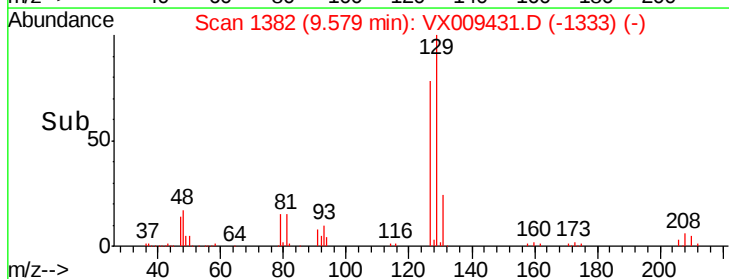
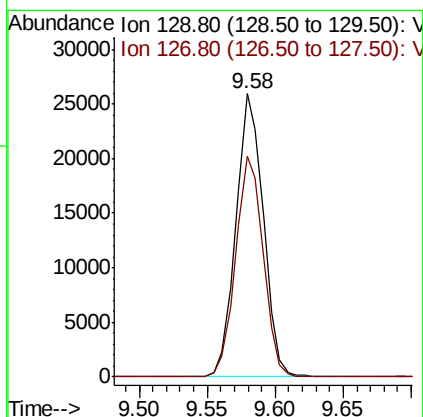
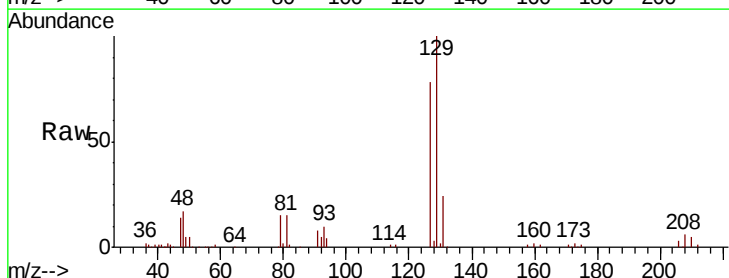
Instrument :
MSVOA_X
ClientSampled :

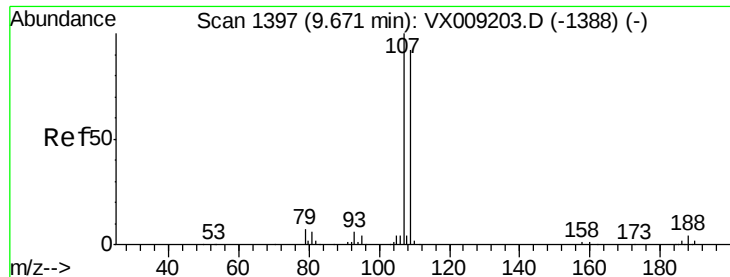
Tot Ion: 43 Resp: 280795
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.7



#60
Dibromochloromethane
Concen: 19.757 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

Tgt Ion: 129 Resp: 36318
Ion Ratio Lower Upper
129 100
127 78.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 20.204 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

Instrument :

MSVOA_X

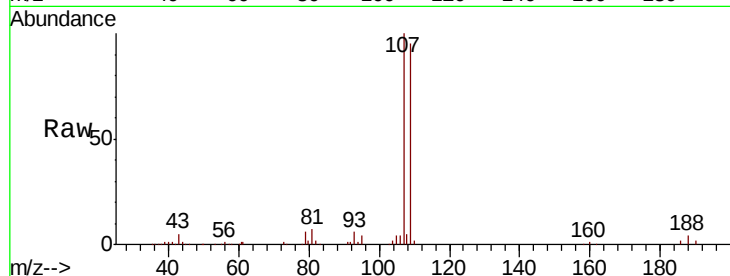
ClientSampleId :

Tot Ion:107 Resp: 38384

Ion Ratio Lower Upper

107 100

109 95.5 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

30000

25000

20000

15000

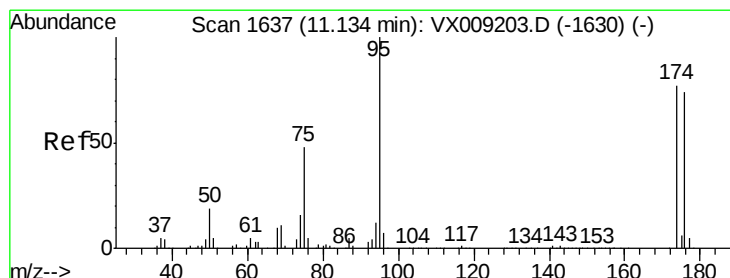
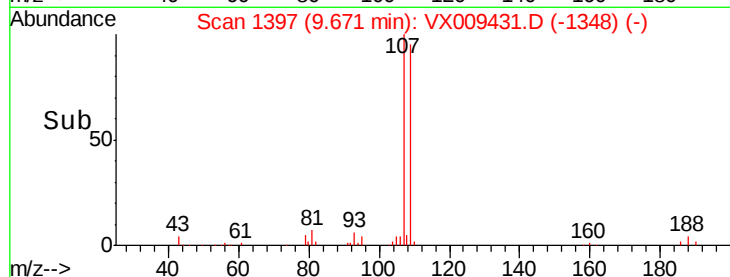
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 49.224 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

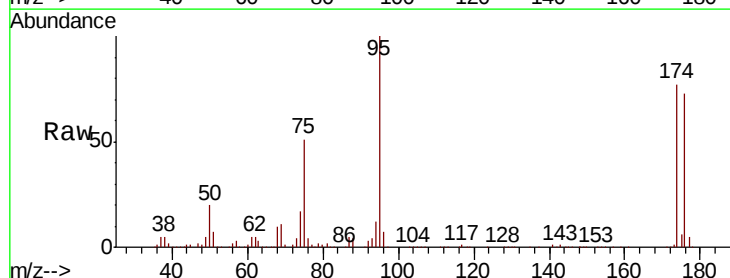
Tgt Ion: 95 Resp: 119785

Ion Ratio Lower Upper

95 100

174 82.2 0.0 161.6

176 80.0 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

11.13

120000

100000

80000

60000

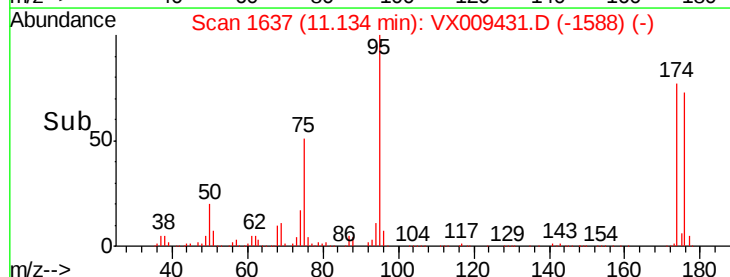
40000

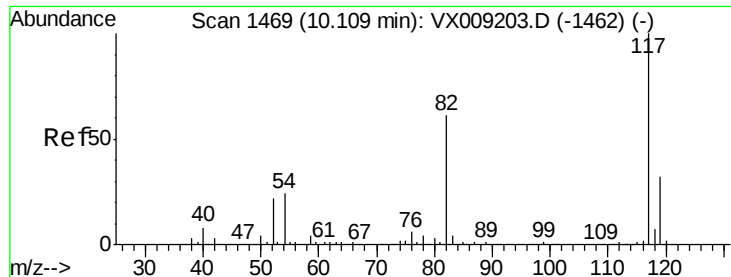
20000

0

Time-->

11.05 11.10 11.15 11.20

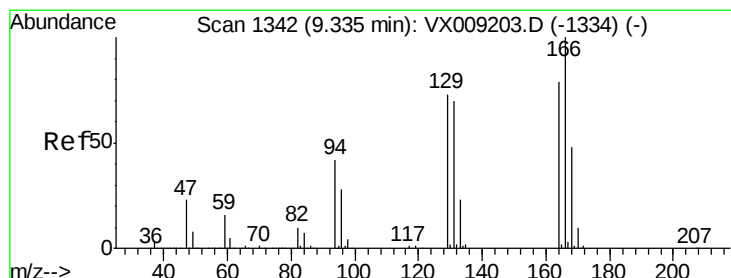
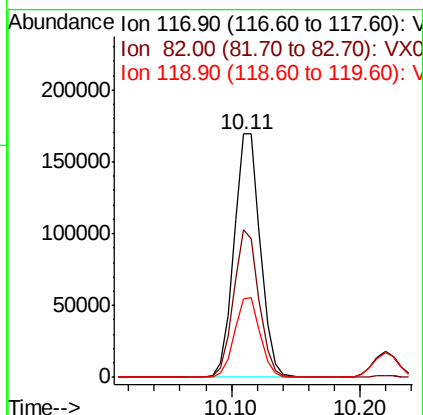
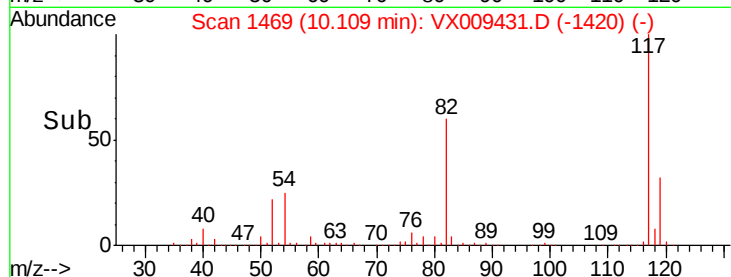
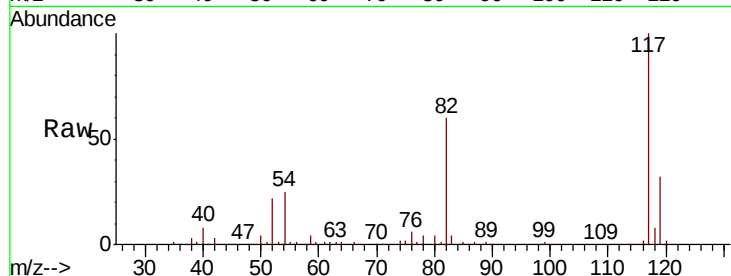




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

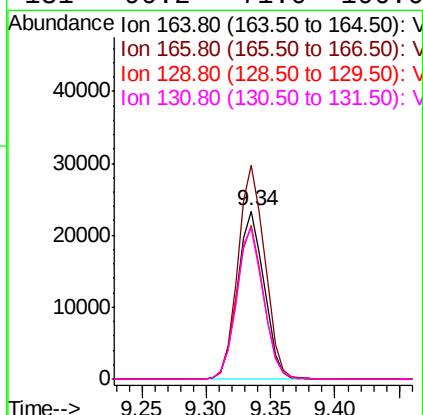
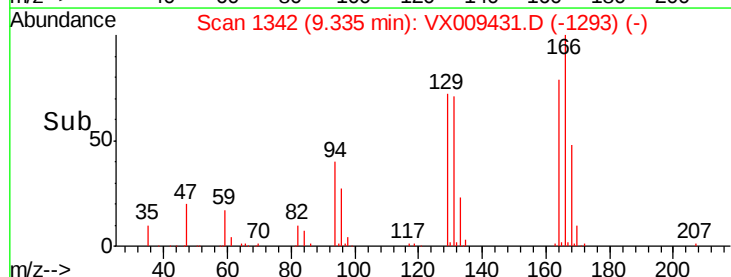
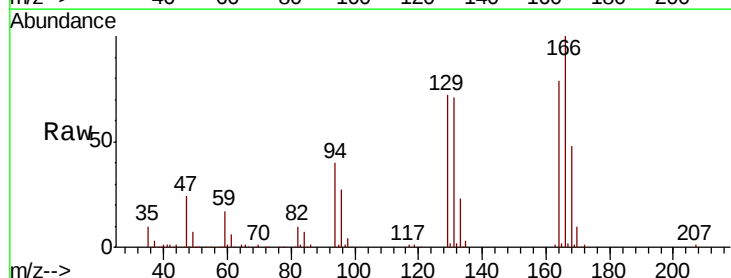
Instrument :
MSVOA_X
ClientSampleId :

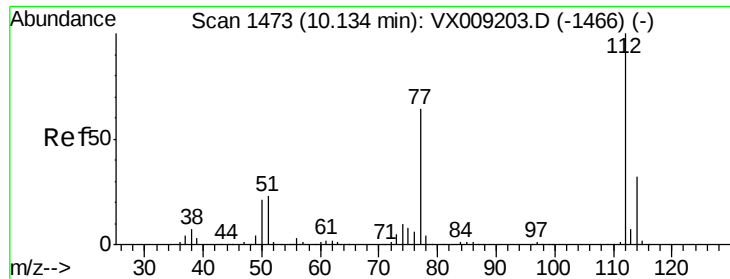
Tot Ion:117 Resp: 239463
Ion Ratio Lower Upper
117 100
82 60.5 48.8 73.2
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 20.509 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

Tgt Ion:164 Resp: 33688
Ion Ratio Lower Upper
164 100
166 127.4 101.2 151.8
129 91.9 74.3 111.5
131 90.2 71.0 106.6

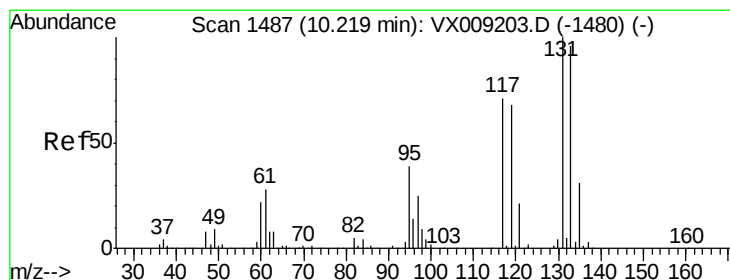
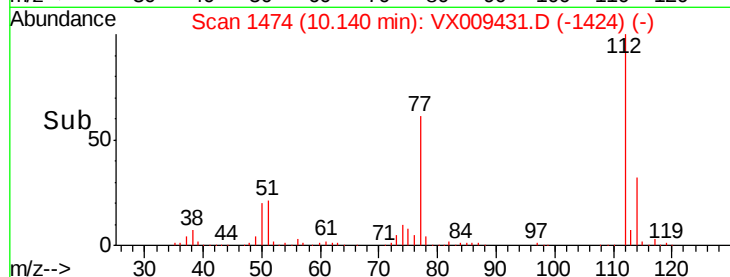
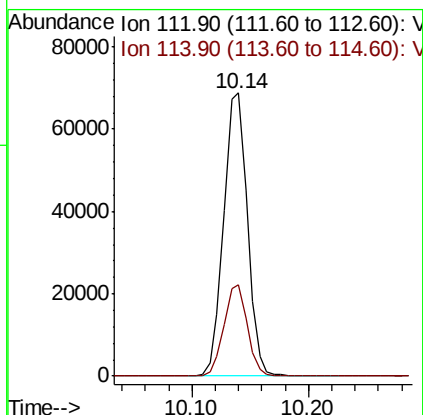
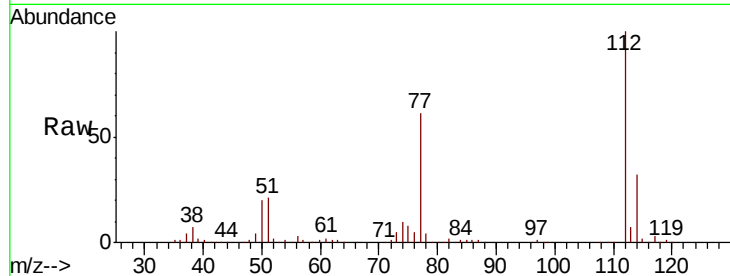




#65
Chlorobenzene
Concen: 20.308 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

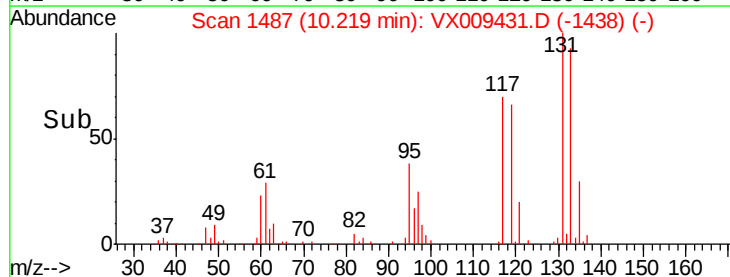
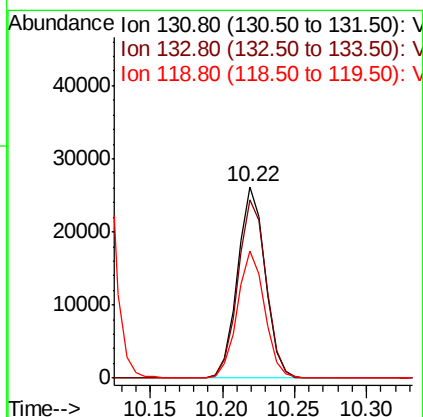
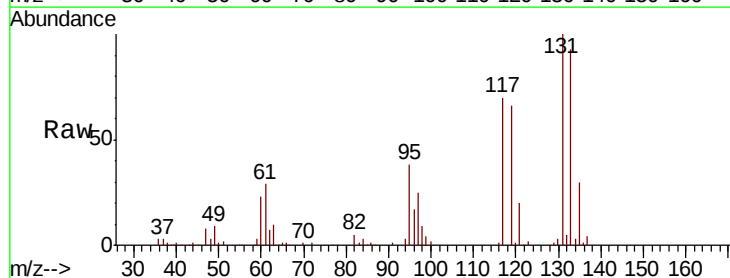
Instrument :
MSVOA_X
ClientSampleId :

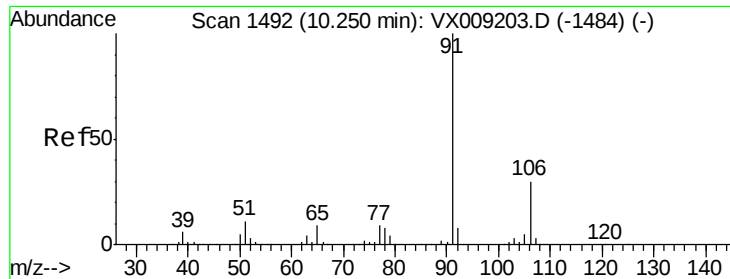
Tot Ion:112 Resp: 97283
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.168 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

Tgt Ion:131 Resp: 35026
Ion Ratio Lower Upper
131 100
133 94.7 47.7 143.1
119 65.9 33.5 100.4

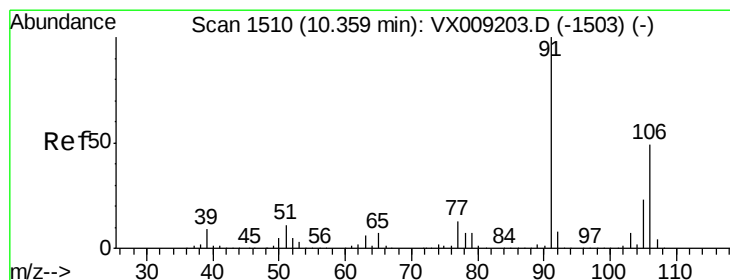
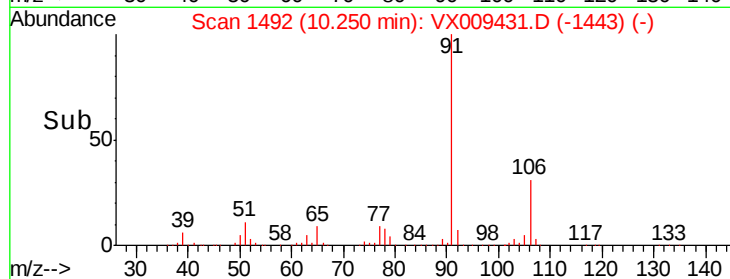
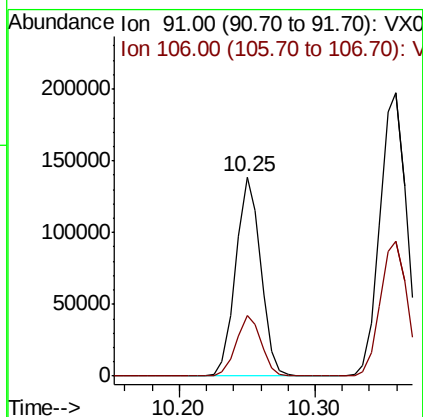
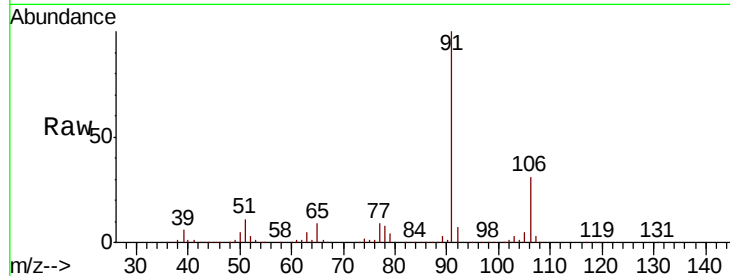




#67
Ethyl Benzene
Concen: 20.179 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

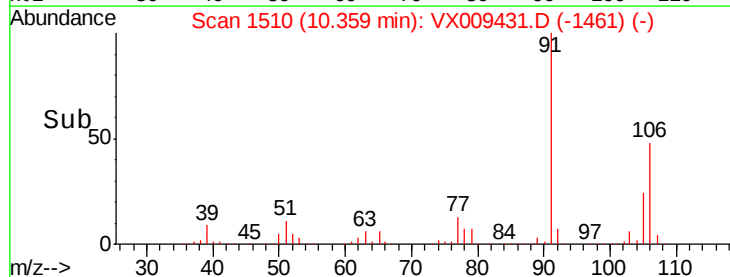
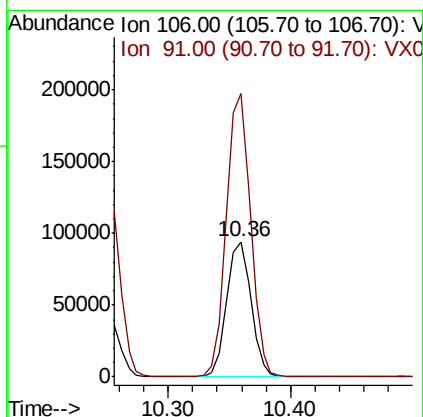
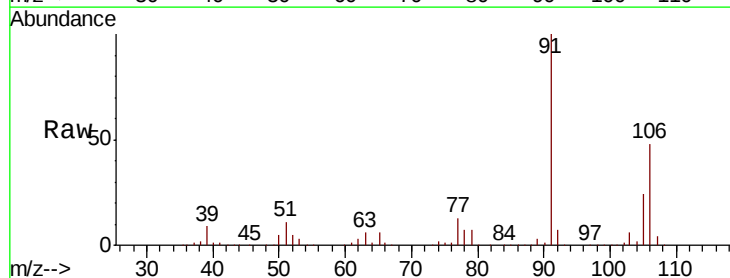
Instrument :
MSVOA_X
ClientSampled :

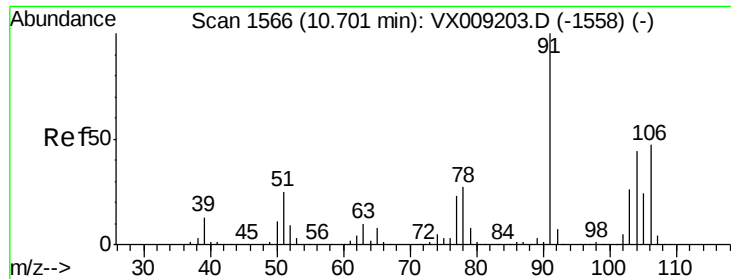
Tot Ion: 91 Resp: 177899
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0



#68
m/p-Xylenes
Concen: 40.234 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

Tgt Ion: 106 Resp: 129619
Ion Ratio Lower Upper
106 100
91 208.7 164.0 246.0

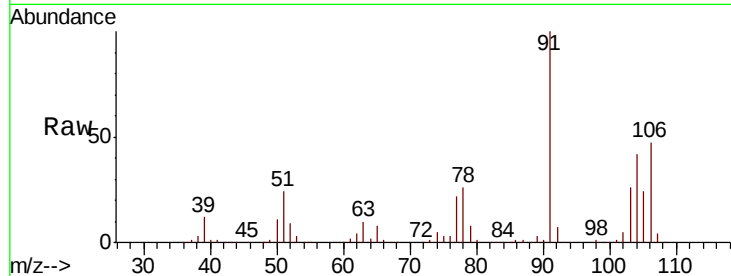




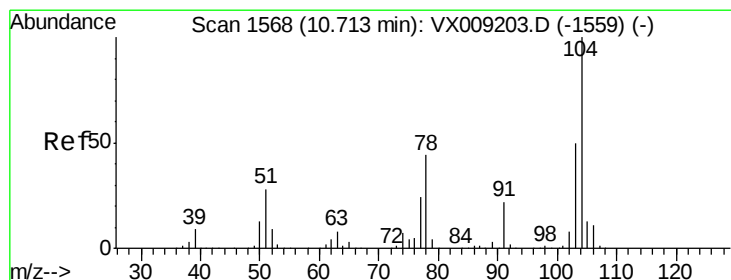
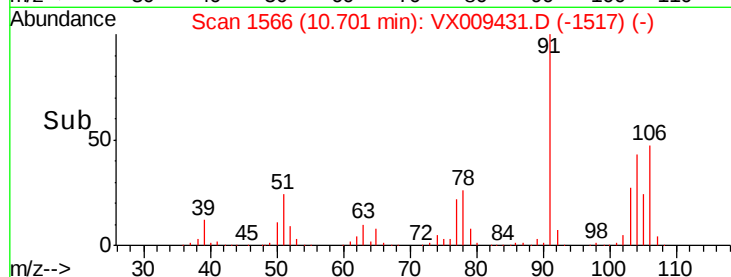
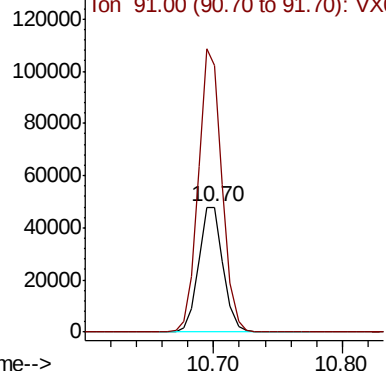
#69
o-Xylene
Concen: 20.132 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 63993
Ion Ratio Lower Upper
106 100
91 218.9 109.5 328.4

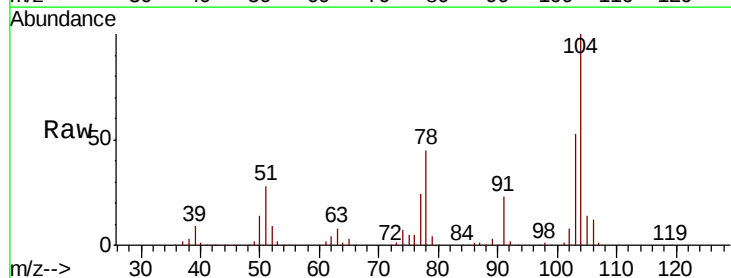


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

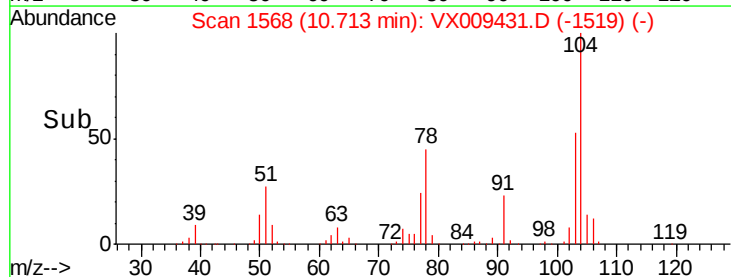
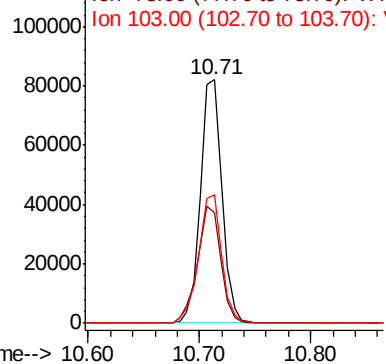


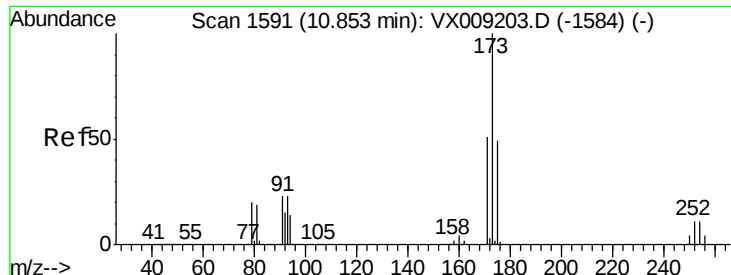
#70
Styrene
Concen: 19.943 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

Tgt Ion:104 Resp: 110181
Ion Ratio Lower Upper
104 100
78 52.0 41.0 61.4
103 56.4 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.375 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

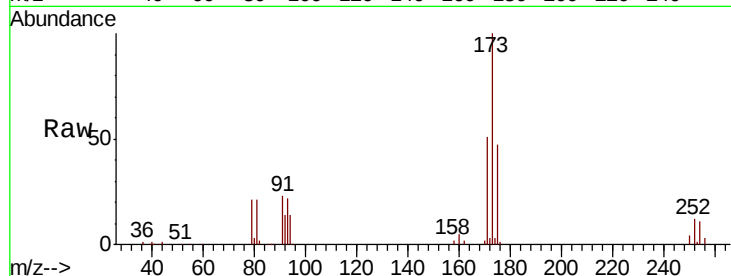
Tot Ion:173 Resp: 27345

Ion Ratio Lower Upper

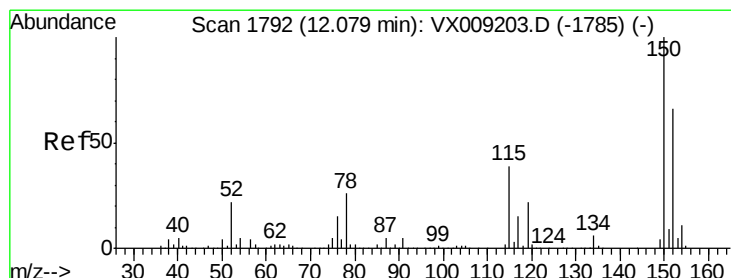
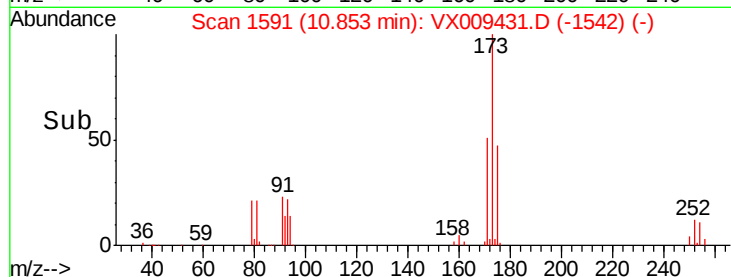
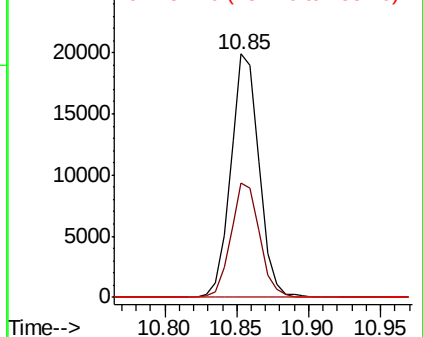
173 100

175 47.5 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: VX009431.D

Acq: 09 May 2019 16:34

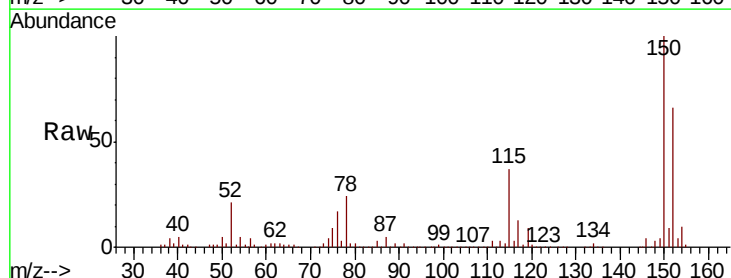
Tgt Ion:152 Resp: 116489

Ion Ratio Lower Upper

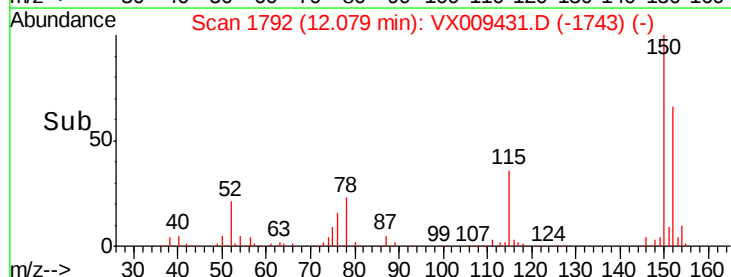
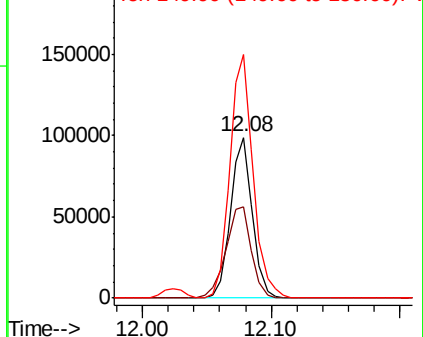
152 100

115 66.8 41.2 123.6

150 162.3 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: 20.060 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

Instrument :

MSVOA_X

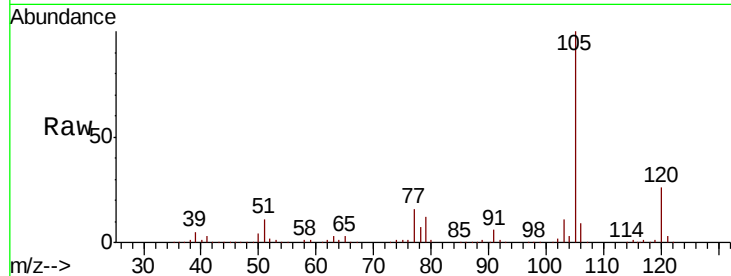
ClientSampleId :

Tot Ion:105 Resp: 169924

Ion Ratio Lower Upper

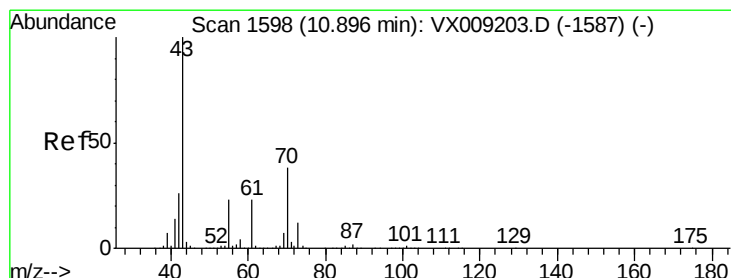
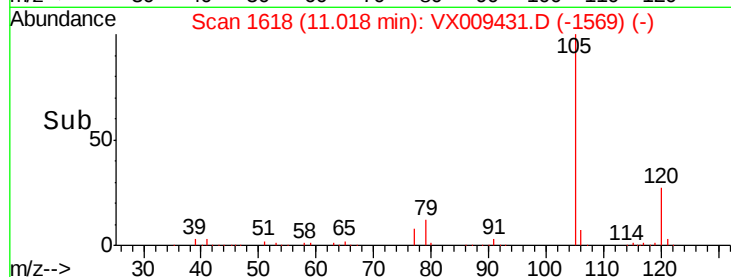
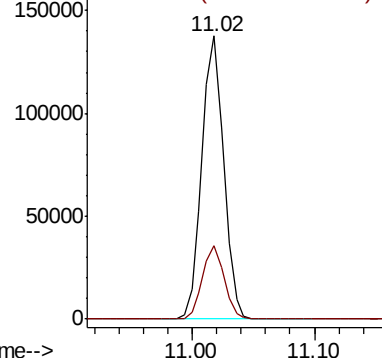
105 100

120 25.8 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: 19.440 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

Tgt Ion: 43 Resp: 96006

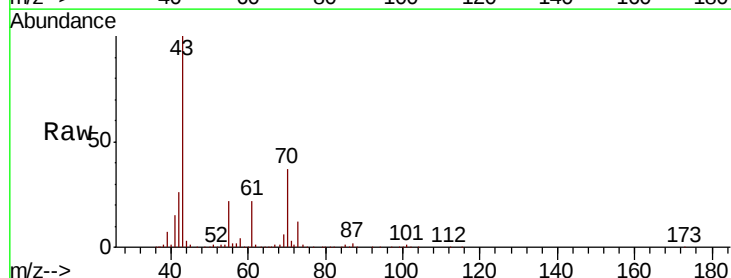
Ion Ratio Lower Upper

43 100

70 37.0 30.0 45.0

55 22.9 17.9 26.9

61 22.2 18.4 27.6

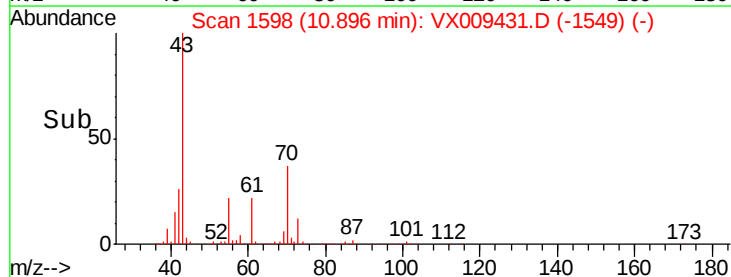
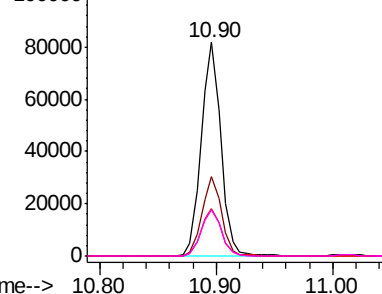


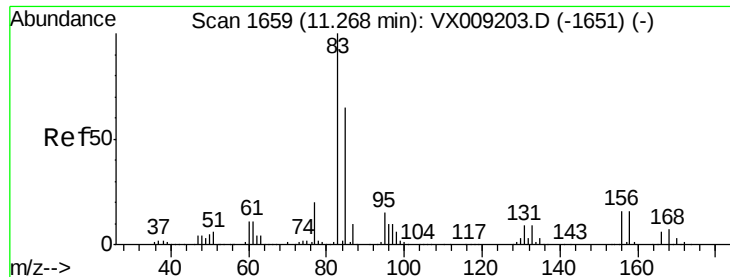
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

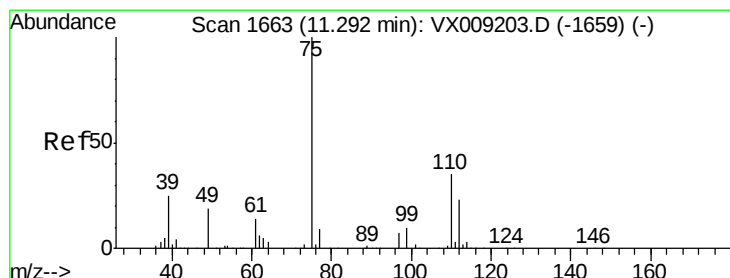
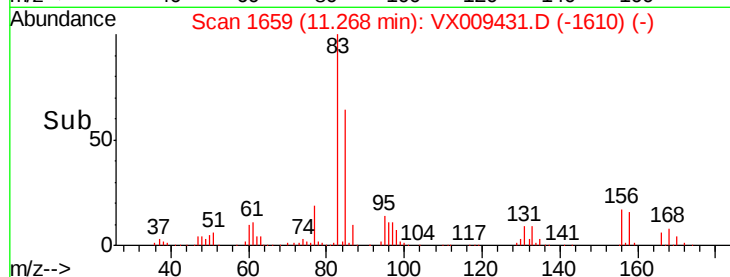
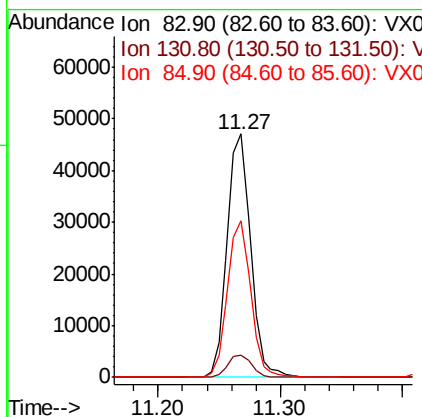
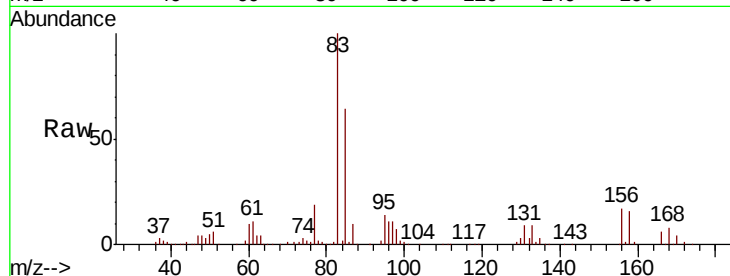




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.820 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX009431.D
 Acq: 09 May 2019 16:34

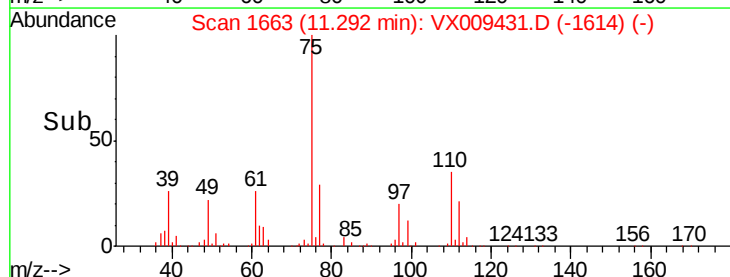
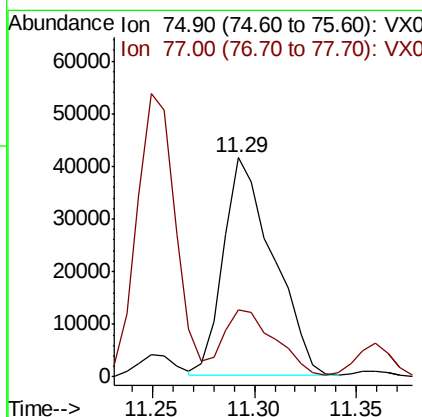
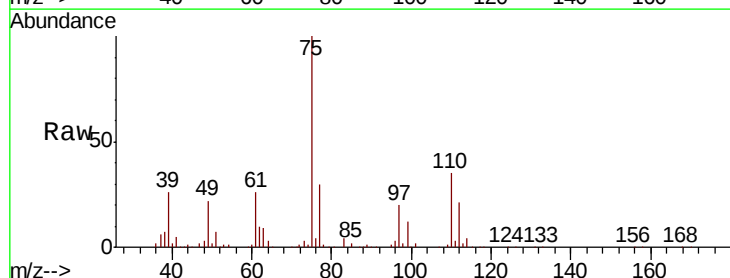
Instrument :
 MSVOA_X
 ClientSampleId :

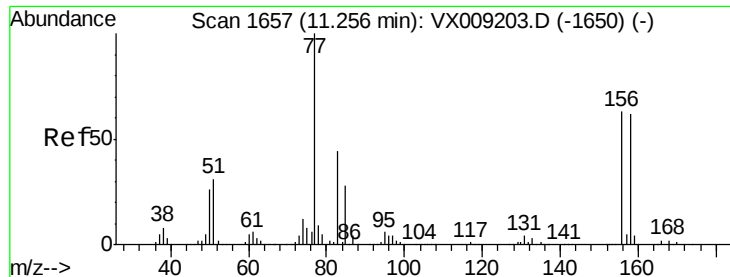
Tot Ion	83	Resp	62588
Ion Ratio	100	Lower	Upper
83	100		
131	9.4	4.6	13.8
85	63.8	32.0	96.2



#76
 1,2,3-Trichloropropane
 Concen: 25.893 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009431.D
 Acq: 09 May 2019 16:34

Tgt Ion	75	Resp	69966
Ion Ratio	100	Lower	Upper
75	100		
77	32.3	22.1	66.1





#77

Bromobenzene

Concen: 19.975 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

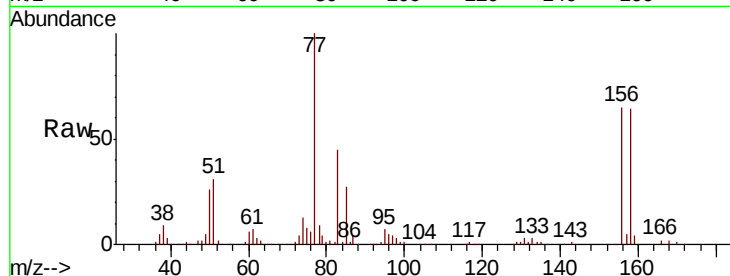
Tot Ion:156 Resp: 41997

Ion	Ratio	Lower	Upper
156	100		
77	167.6	84.8	254.3
158	97.7	49.1	147.3

156 100

77 167.6 84.8 254.3

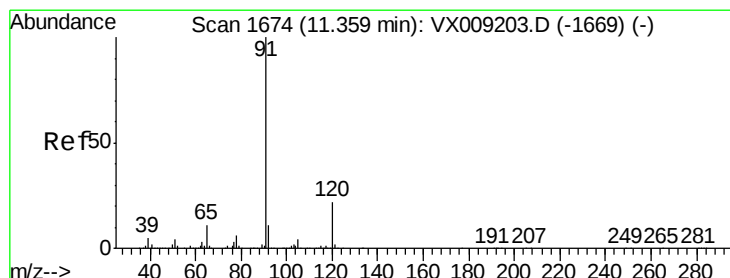
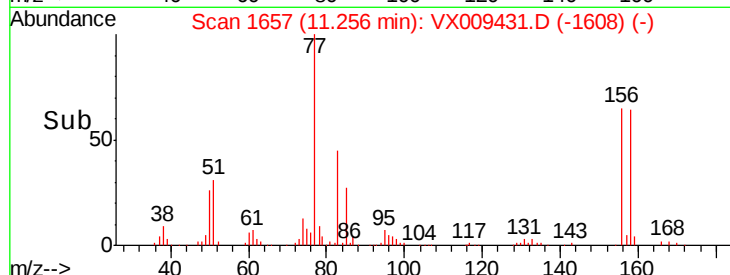
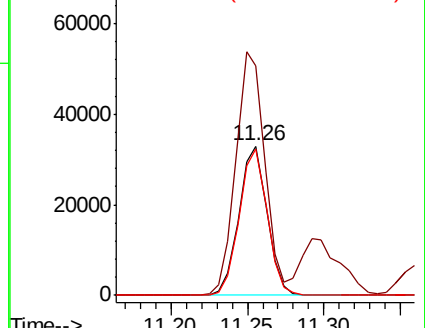
158 97.7 49.1 147.3



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: 19.900 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009431.D

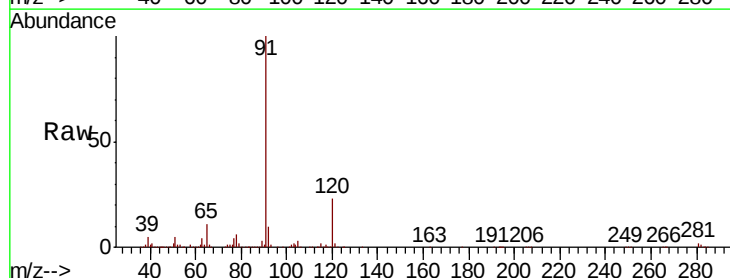
Acq: 09 May 2019 16:34

Tgt Ion: 91 Resp: 192520

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.0	33.0

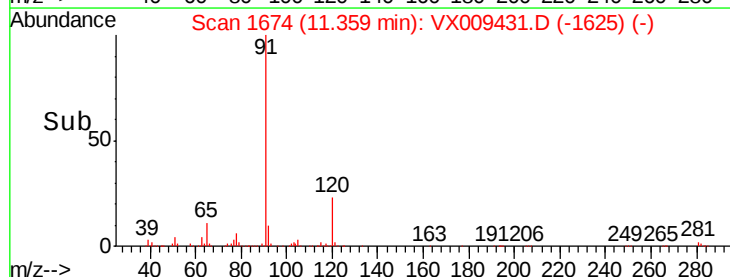
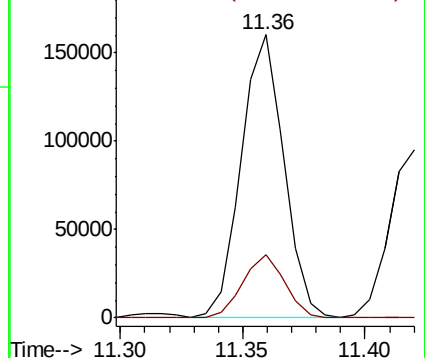
91 100

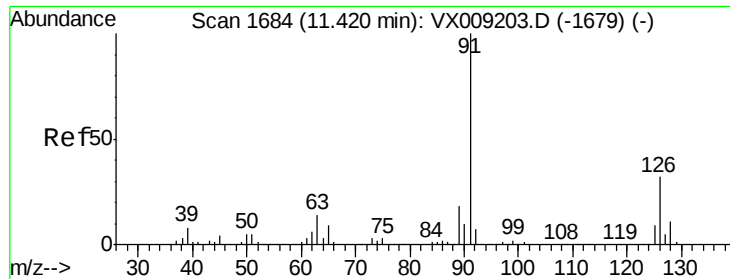
120 22.3 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

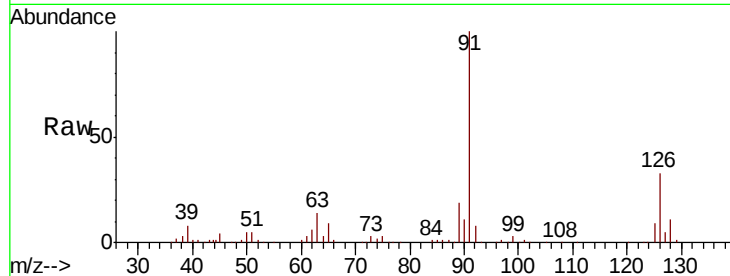




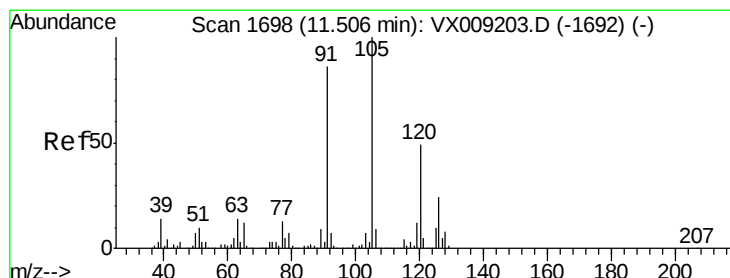
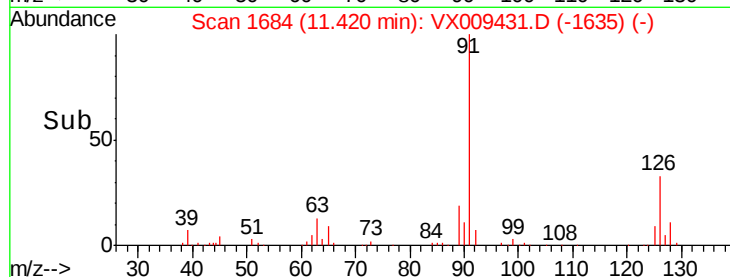
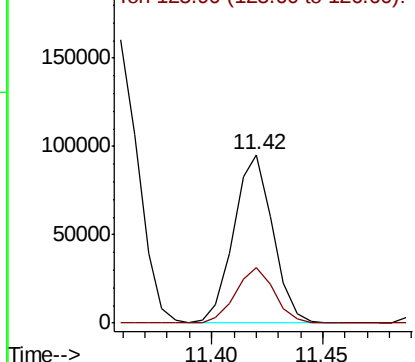
#79
 2-Chlorotoluene
 Concen: 19.481 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009431.D
 Acq: 09 May 2019 16:34

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 91 Resp: 116274
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.3 48.9

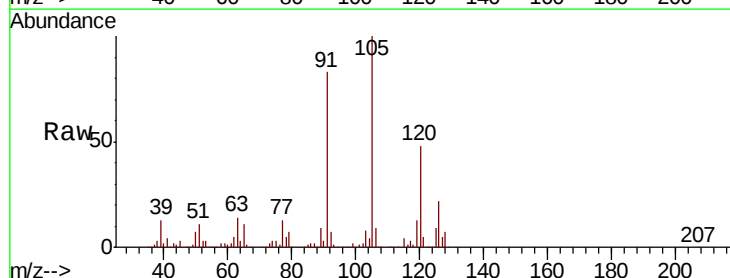


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

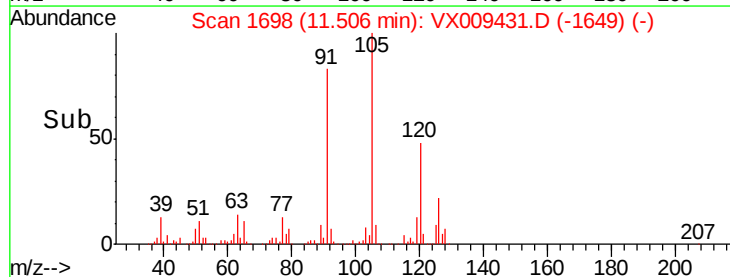
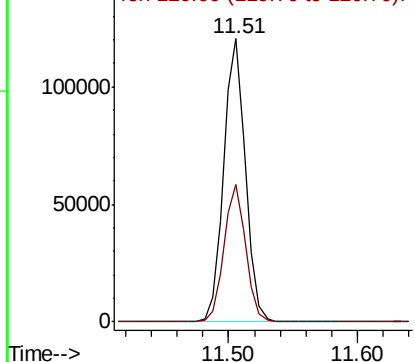


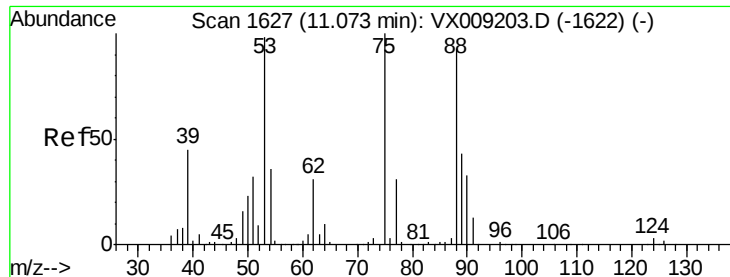
#80
 1,3,5-Trimethylbenzene
 Concen: 20.119 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009431.D
 Acq: 09 May 2019 16:34

Tgt Ion:105 Resp: 143497
 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: 17.448 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

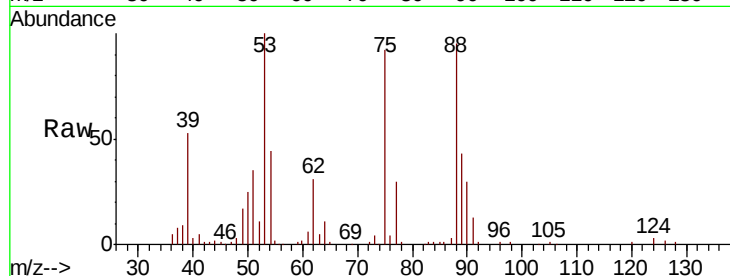
Tot Ion: 75 Resp: 18426

Ion Ratio Lower Upper

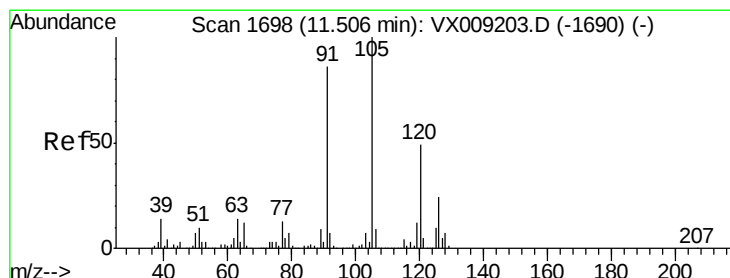
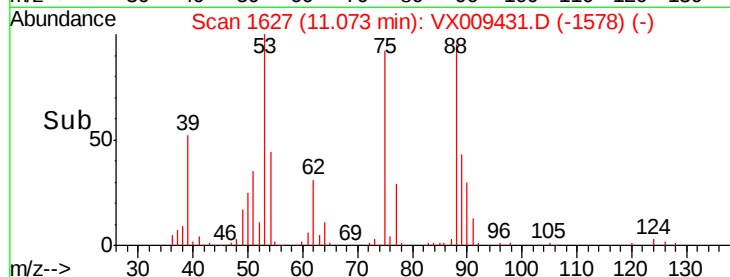
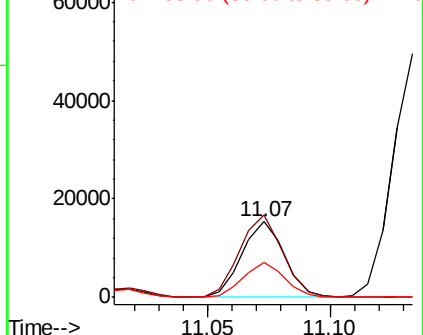
75 100

53 111.0 79.0 118.6

89 45.6 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: 19.721 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009431.D

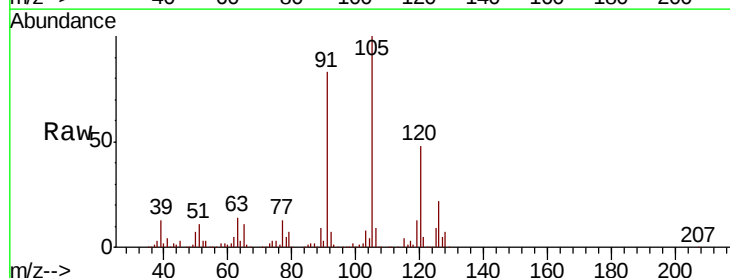
Acq: 09 May 2019 16:34

Tgt Ion: 91 Resp: 132973

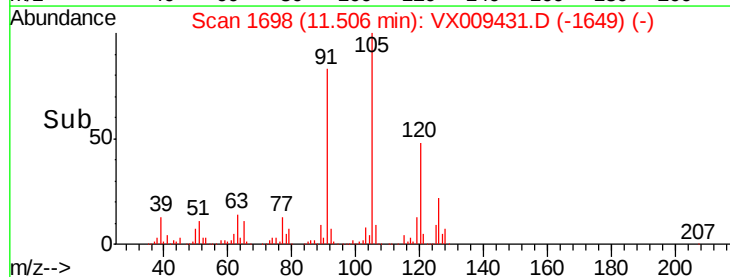
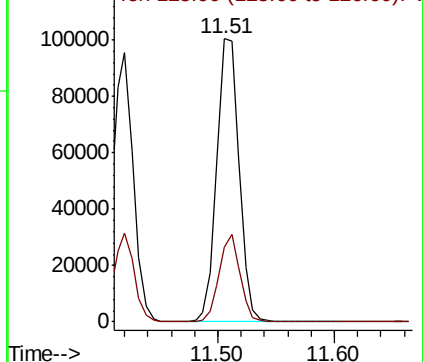
Ion Ratio Lower Upper

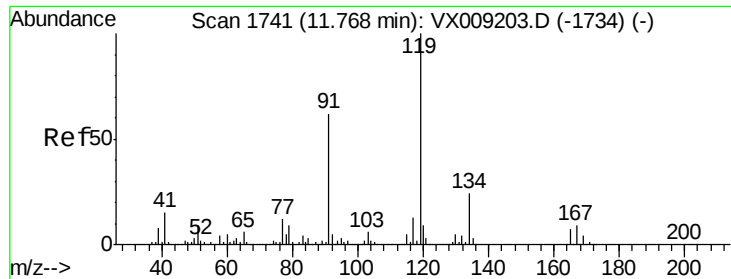
91 100

126 28.5 14.5 43.6



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

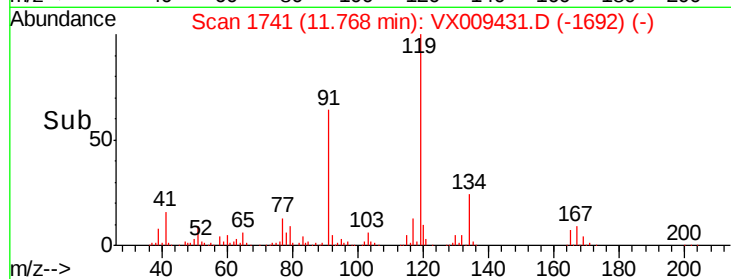
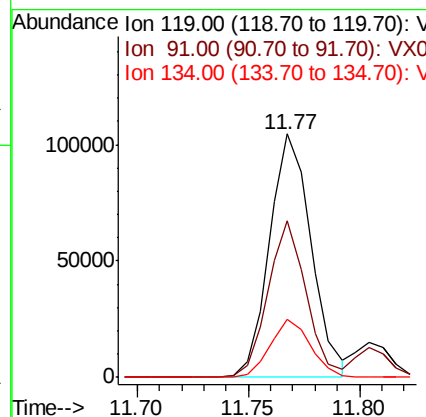
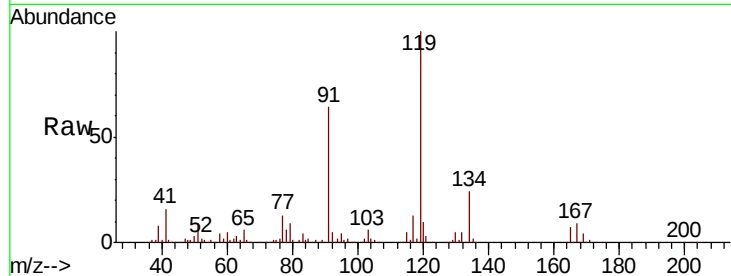




#83
 tert-Butylbenzene
 Concen: 19.588 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009431.D
 Acq: 09 May 2019 16:34

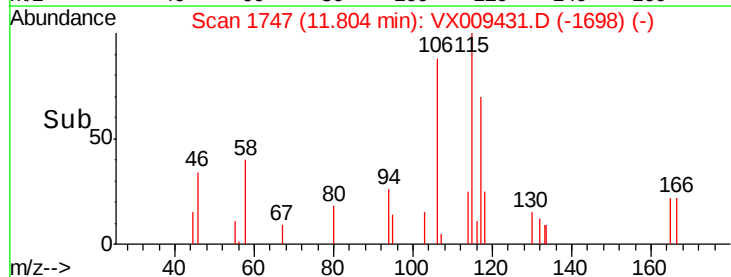
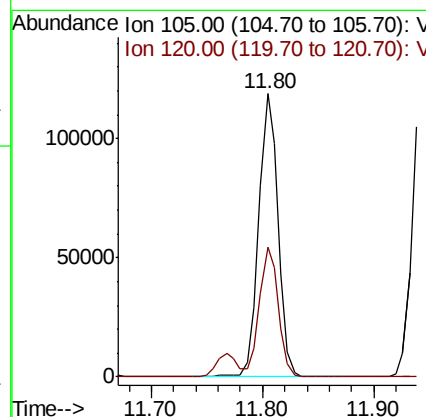
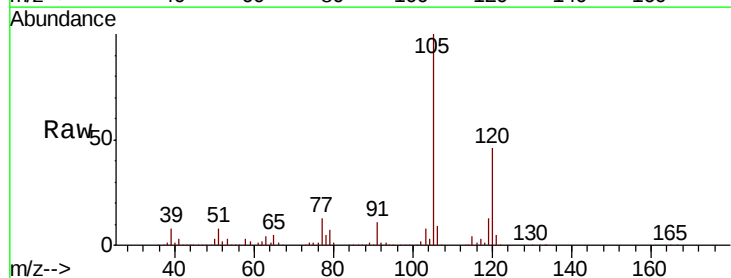
Instrument :
 MSVOA_X
 ClientSampled :

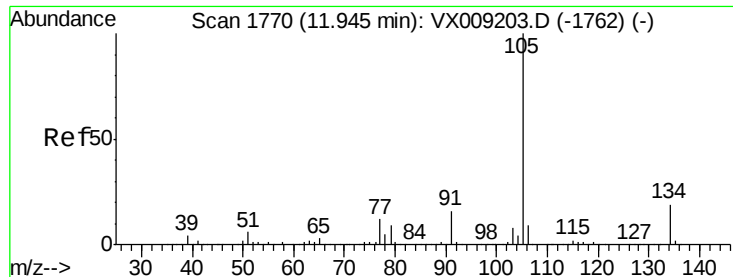
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.5	88.5
134	23.0	11.4	34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.062 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009431.D
 Acq: 09 May 2019 16:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.0	66.0





#85

sec-Butylbenzene

Concen: 20.018 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

Instrument :

MSVOA_X

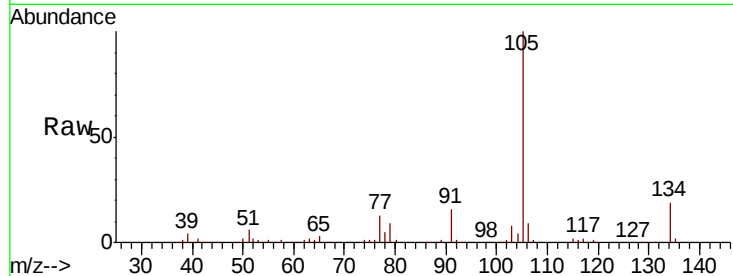
ClientSampleId :

Tot Ion:105 Resp: 164667

Ion Ratio Lower Upper

105 100

134 19.6 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

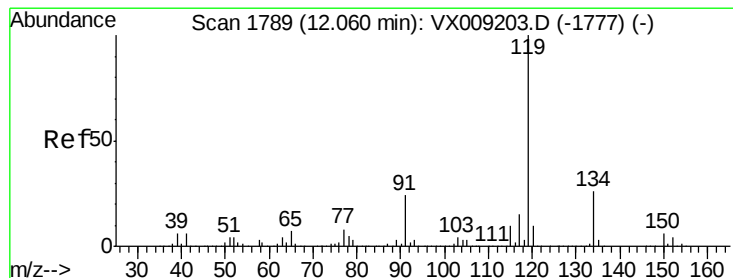
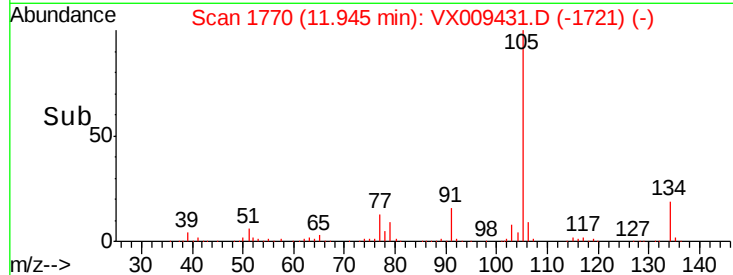
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.147 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

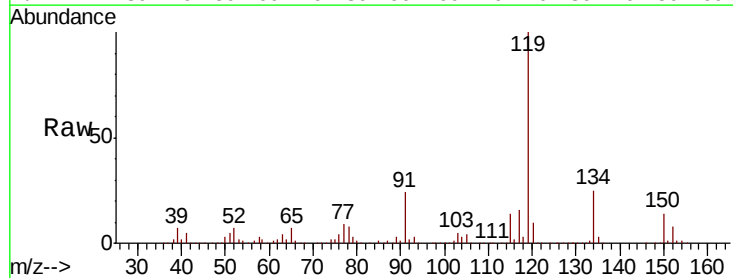
Tgt Ion:119 Resp: 148994

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

91 23.5 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

12.06

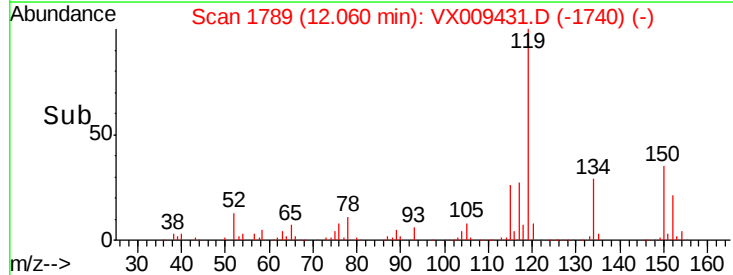
150000

100000

50000

0

Time-->

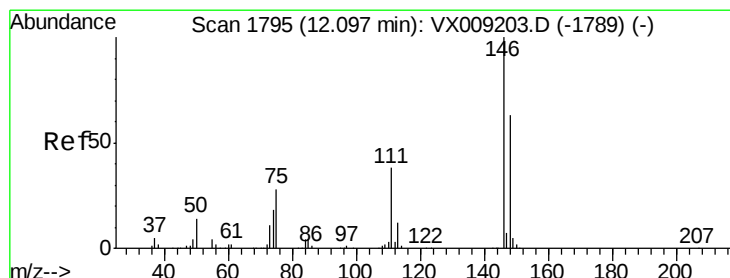
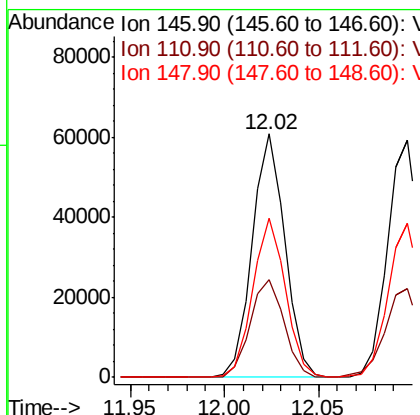
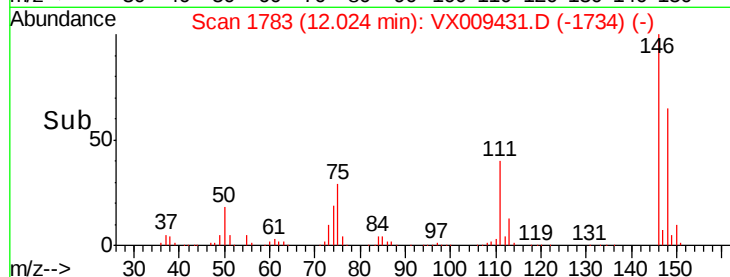
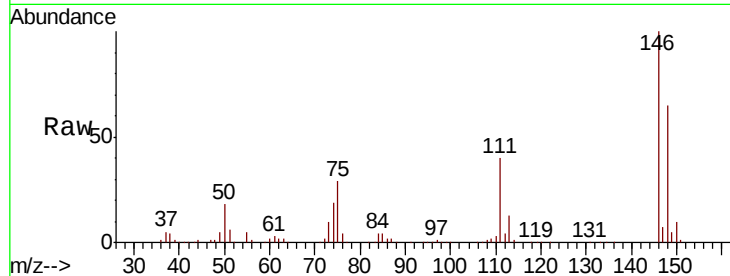




#87
 1,3-Dichlorobenzene
 Concen: 19.558 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009431.D
 Acq: 09 May 2019 16:34

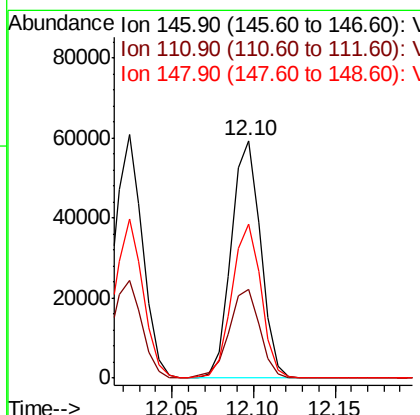
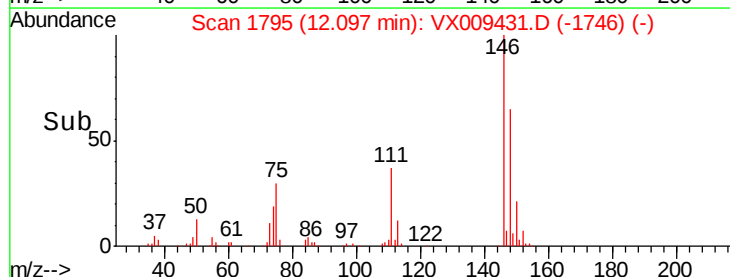
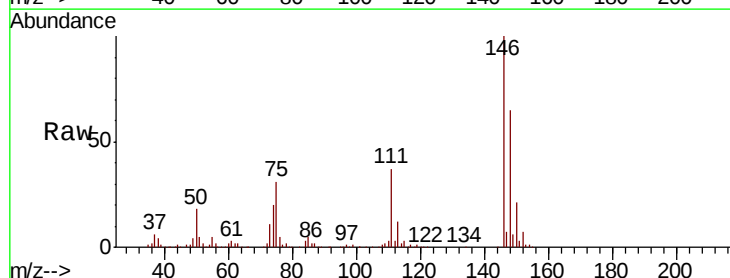
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 73306
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.0 59.9
 148 65.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.672 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009431.D
 Acq: 09 May 2019 16:34

Tgt Ion:146 Resp: 74336
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.6 58.8
 148 64.7 31.8 95.3

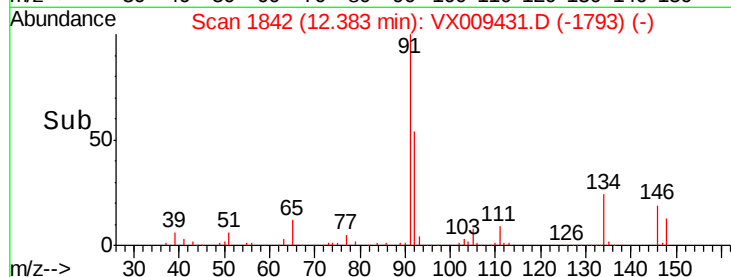
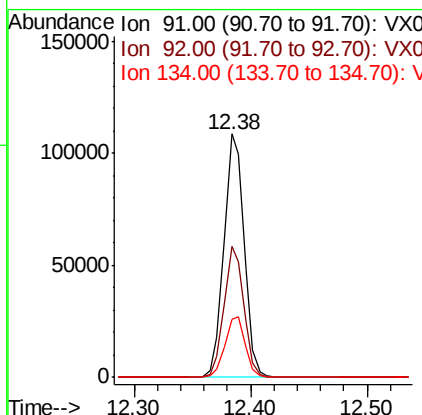
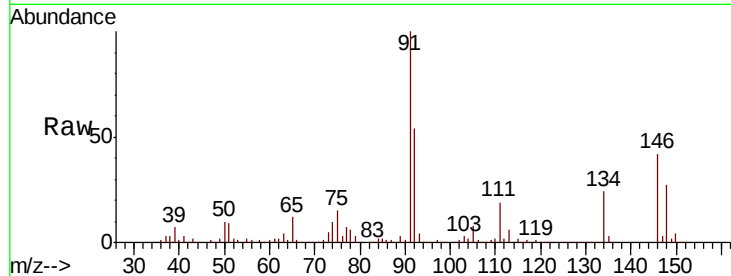




#89
n-Butylbenzene
Concen: 19.413 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

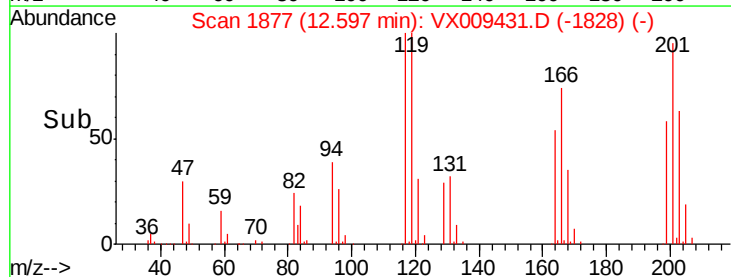
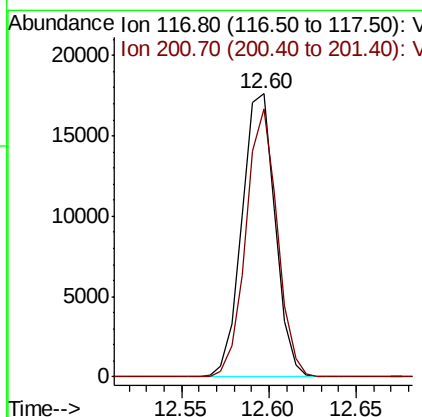
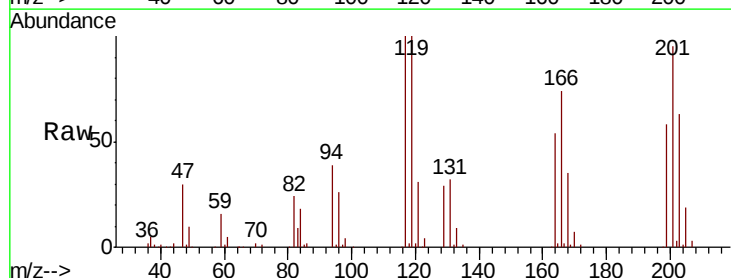
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 129756
Ion Ratio Lower Upper
91 100
92 52.7 26.5 79.5
134 24.9 12.4 37.2



#90
Hexachloroethane
Concen: 18.515 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

Tgt Ion: 117 Resp: 23327
Ion Ratio Lower Upper
117 100
201 88.9 42.3 126.9





#91

1,2-Dichlorobenzene

Concen: 19.601 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

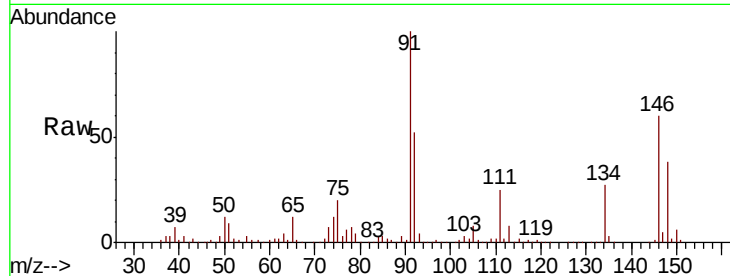
Tot Ion:146 Resp: 74830

Ion Ratio Lower Upper

146 100

111 41.6 20.8 62.4

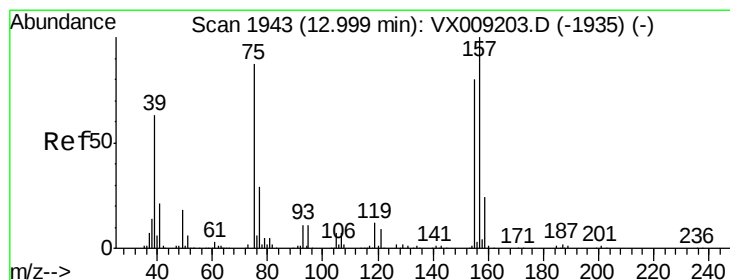
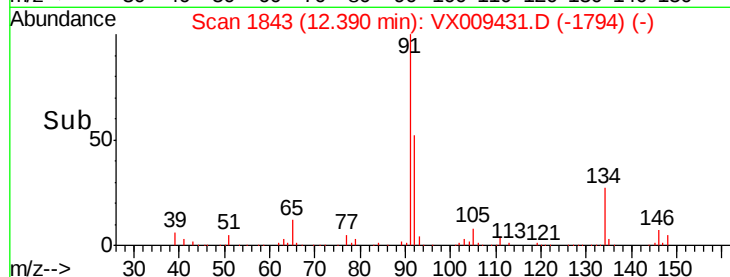
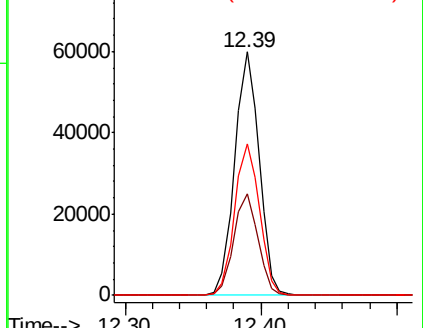
148 63.4 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.723 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009431.D

Acq: 09 May 2019 16:34

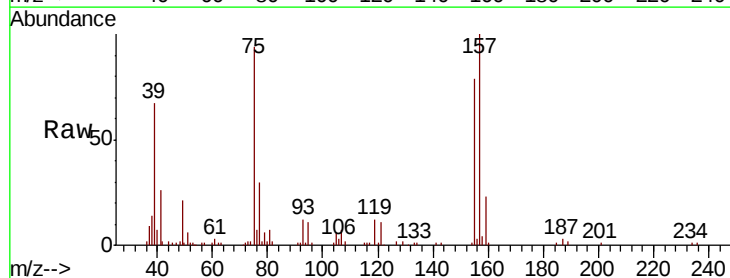
Tgt Ion: 75 Resp: 14680

Ion Ratio Lower Upper

75 100

155 80.8 42.0 126.0

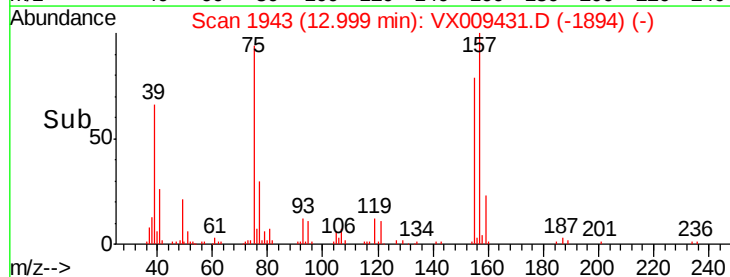
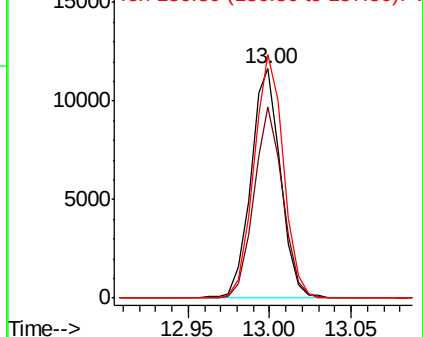
157 105.3 53.2 159.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

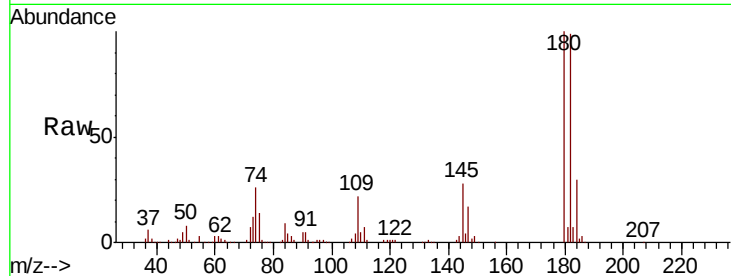




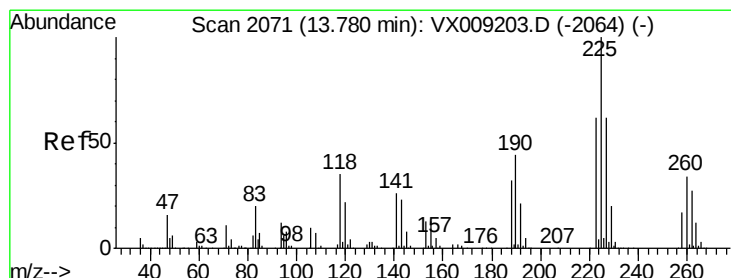
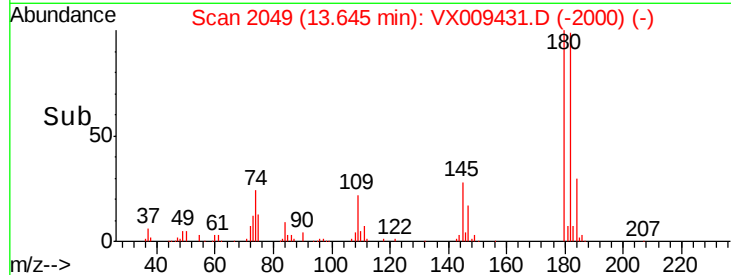
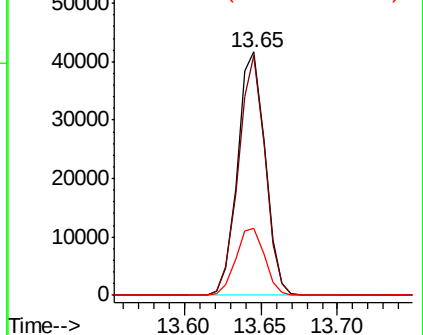
#93
 1,2,4-Trichlorobenzene
 Concen: 20.034 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009431.D
 Acq: 09 May 2019 16:34

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 52302
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.4 145.2
 145 28.7 14.6 43.8

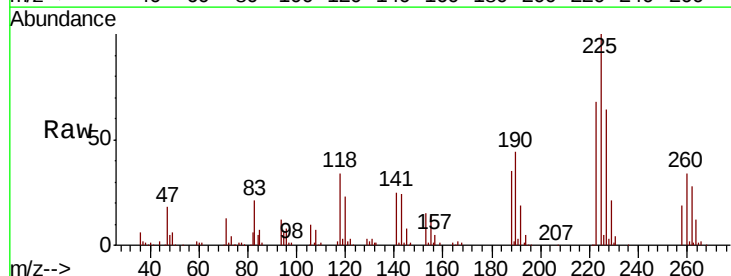


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

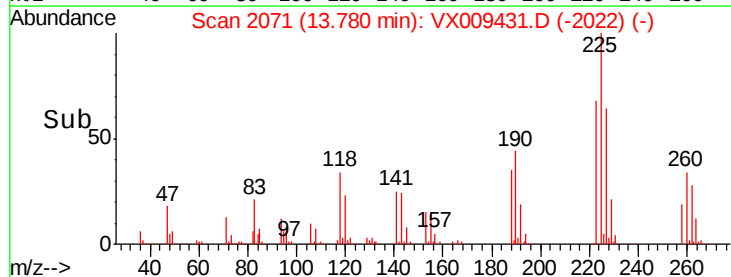
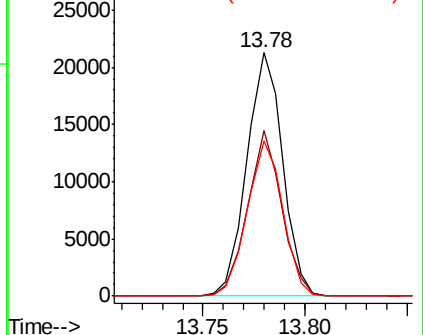


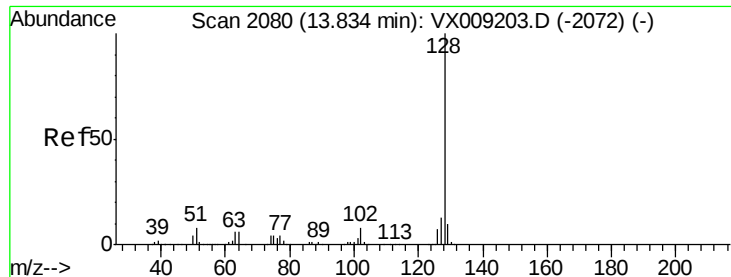
#94
 Hexachlorobutadiene
 Concen: 19.500 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009431.D
 Acq: 09 May 2019 16:34

Tgt Ion:225 Resp: 25996
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.3 93.8
 227 63.6 31.8 95.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

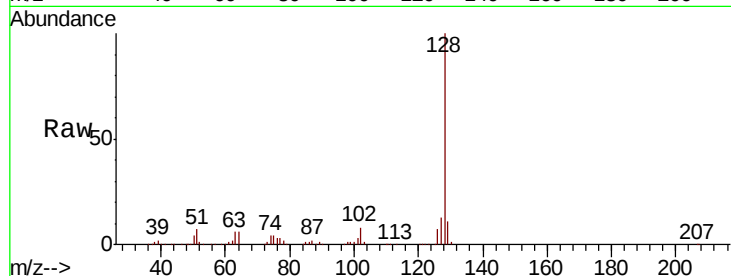




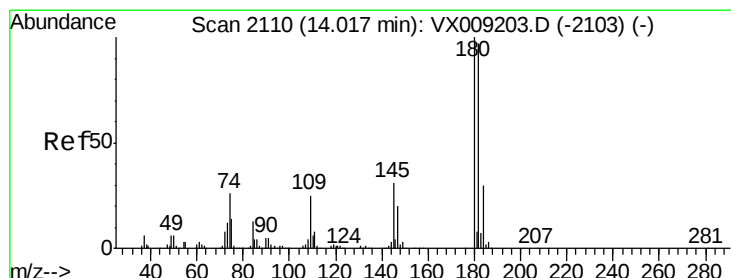
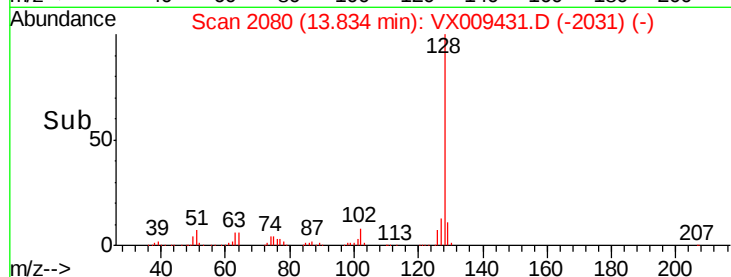
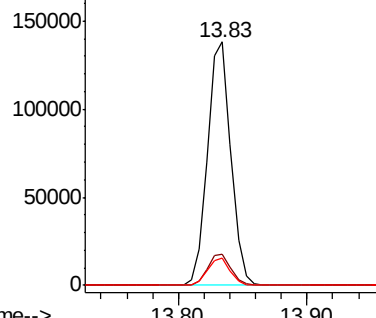
#95
Naphthalene
Concen: 20.538 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 174438
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.6 13.0

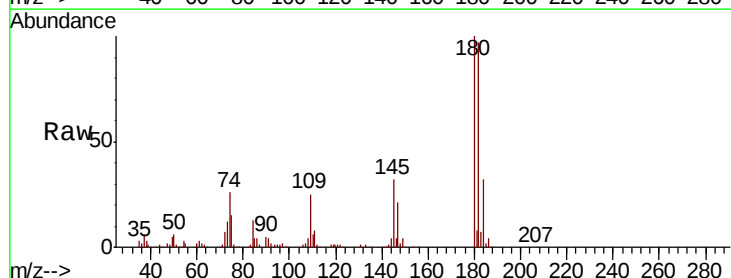


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.175 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009431.D
Acq: 09 May 2019 16:34

Tgt Ion:180 Resp: 53388
Ion Ratio Lower Upper
180 100
182 97.3 47.8 143.4
145 31.3 15.4 46.4



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

