

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\
 Data File : VX012428.D
 Acq On : 17 Sep 2019 11:59
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Sep 17 13:38:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 13:36:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	186292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	316395	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	278672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	126969	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	3719	1.05	ug/l	0.00
Spiked Amount			Recovery	=	2.10%	
35) Dibromofluoromethane	5.48	113	2221	0.79	ug/l	0.00
Spiked Amount			Recovery	=	1.58%	
50) Toluene-d8	8.71	98	9263	0.93	ug/l	0.00
Spiked Amount			Recovery	=	1.86%	
62) 4-Bromofluorobenzene	11.14	95	3676	0.87	ug/l	0.00
Spiked Amount			Recovery	=	1.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	909	0.586	ug/l	97
3) Chloromethane	1.32	50	1140	0.848	ug/l	89
4) Vinyl Chloride	1.40	62	1103	0.744	ug/l	96
5) Bromomethane	1.63	94	517	0.834	ug/l #	76
6) Chloroethane	1.72	64	1032	1.048	ug/l	91
7) Trichlorofluoromethane	1.92	101	1913	0.706	ug/l	94
8) Diethyl Ether	2.17	74	1068	0.893	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1565	0.802	ug/l	97
10) Methyl Iodide	2.50	142	812	0.453	ug/l #	95
11) Tert butyl alcohol	3.01	59	8446	9.299	ug/l #	72
12) 1,1-Dichloroethene	2.36	96	1143	0.745	ug/l	98
13) Acrolein	2.28	56	1910	5.055	ug/l	84
14) Allyl chloride	2.71	41	2369	0.665	ug/l #	80
15) Acrylonitrile	3.14	53	5619	3.705	ug/l	96
16) Acetone	2.43	43	8551	5.170	ug/l	99
17) Carbon Disulfide	2.56	76	1147	0.566	ug/l #	84
18) Methyl Acetate	2.76	43	2975	0.818	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	6682	0.802	ug/l	93
20) Methylene Chloride	2.84	84	1849	0.832	ug/l #	86
21) trans-1,2-Dichloroethene	3.15	96	1248	0.757	ug/l	94
22) Diisopropyl ether	3.84	45	6724	0.822	ug/l #	76
23) Vinyl Acetate	3.80	43	23874	3.539	ug/l	99
24) 1,1-Dichloroethane	3.69	63	2919	0.713	ug/l	96
25) 2-Butanone	4.67	43	9913	4.246	ug/l	92
26) 2,2-Dichloropropane	4.56	77	3304	0.845	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	1924	0.793	ug/l	89
28) Bromochloromethane	5.00	49	1825	0.873	ug/l #	90
29) Tetrahydrofuran	5.12	42	4476	3.315	ug/l #	86
30) Chloroform	5.20	83	3930	0.832	ug/l	88
31) Cyclohexane	5.56	56	1817	0.740	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	2865	0.733	ug/l #	42
36) 1,1-Dichloropropene	5.79	75	2081	0.754	ug/l #	92
37) Ethyl Acetate	4.82	43	2303	0.542	ug/l #	93
38) Carbon Tetrachloride	5.77	117	2556	0.765	ug/l	99

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Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC001

Quant Time: Sep 17 13:38:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.45	83	1675	0.635	ug/l #	94
40) Benzene	6.14	78	6107	0.723	ug/l	94
41) Methacrylonitrile	5.04	41	2068	0.854	ug/l #	25
42) 1,2-Dichloroethane	6.18	62	3128	0.810	ug/l	94
43) Isopropyl Acetate	6.44	43	5203	0.712	ug/l	95
44) Trichloroethene	7.21	130	1585	0.698	ug/l	92
45) 1,2-Dichloropropane	7.50	63	2088	0.803	ug/l	97
46) Dibromomethane	7.66	93	1242	0.719	ug/l	90
47) Bromodichloromethane	7.89	83	2558	0.665	ug/l	85
48) Methyl methacrylate	7.76	41	2475	0.763	ug/l #	82
49) 1,4-Dioxane	7.74	88	1292	15.609	ug/l #	87
51) 4-Methyl-2-Pentanone	8.64	43	15948	3.374	ug/l	100
52) Toluene	8.78	92	3879	0.706	ug/l	93
53) t-1,3-Dichloropropene	9.04	75	2420	0.607	ug/l #	85
54) cis-1,3-Dichloropropene	8.43	75	2607	0.631	ug/l #	83
55) 1,1,2-Trichloroethane	9.21	97	2119	0.729	ug/l	91
56) Ethyl methacrylate	9.18	69	2883	0.660	ug/l #	78
57) 1,3-Dichloropropane	9.37	76	3156	0.686	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	7026	3.017	ug/l	100
59) 2-Hexanone	9.49	43	12786	3.499	ug/l	97
60) Dibromochloromethane	9.57	129	1759	0.592	ug/l	98
61) 1,2-Dibromoethane	9.67	107	1606	0.602	ug/l	92
64) Tetrachloroethene	9.33	164	1219	0.699	ug/l	93
65) Chlorobenzene	10.14	112	4827	0.787	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.21	131	1793	0.690	ug/l #	62
67) Ethyl Benzene	10.25	91	7725	0.736	ug/l	89
68) m/p-Xylenes	10.35	106	5328	1.377	ug/l	95
69) o-Xylene	10.70	106	2713	0.676	ug/l	96
70) Styrene	10.71	104	4585	0.659	ug/l	92
71) Bromoform	10.85	173	1067	0.535	ug/l #	99
73) Isopropylbenzene	11.01	105	7771	0.900	ug/l	98
74) N-amyl acetate	10.90	43	3826	0.832	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.26	83	3042	0.880	ug/l	93
76) 1,2,3-Trichloropropane	11.29	75	3141	0.978	ug/l	99
77) Bromobenzene	11.25	156	1910	0.866	ug/l	97
78) n-propylbenzene	11.35	91	8453	0.867	ug/l	96
79) 2-Chlorotoluene	11.42	91	6054	0.969	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	6470	0.863	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	916	0.806	ug/l	86
82) 4-Chlorotoluene	11.51	91	6494	0.893	ug/l	96
83) tert-Butylbenzene	11.77	119	7545	0.949	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	6610	0.870	ug/l	96
85) sec-Butylbenzene	11.94	105	7330	0.833	ug/l	97
86) p-Isopropyltoluene	12.06	119	6837	0.849	ug/l	90
87) 1,3-Dichlorobenzene	12.02	146	3586	0.865	ug/l	95
88) 1,4-Dichlorobenzene	12.02	146	3586	0.857	ug/l	95
89) n-Butylbenzene	12.38	91	6148	0.865	ug/l	96
90) Hexachloroethane	12.59	117	1161	0.747	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	3846	0.905	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	736	0.804	ug/l	86

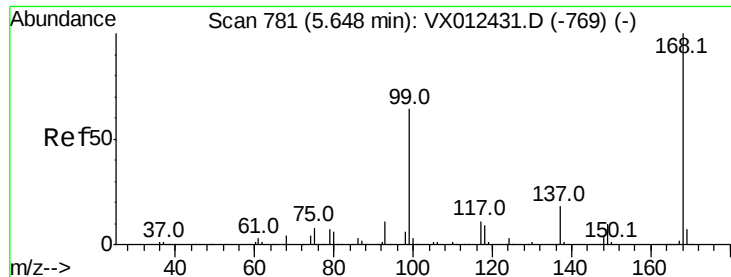
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\
Data File : VX012428.D
Acq On : 17 Sep 2019 11:59
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Sample : VSTDICC001
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MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Sep 17 13:38:57 2019
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Quant Title : SW846 8260
QLast Update : Tue Sep 17 13:36:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	2170	0.766	ug/l	94
94) Hexachlorobutadiene	13.77	225	1171	0.864	ug/l	90
95) Naphthalene	13.83	128	7035	0.727	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	2248	0.797	ug/l	97

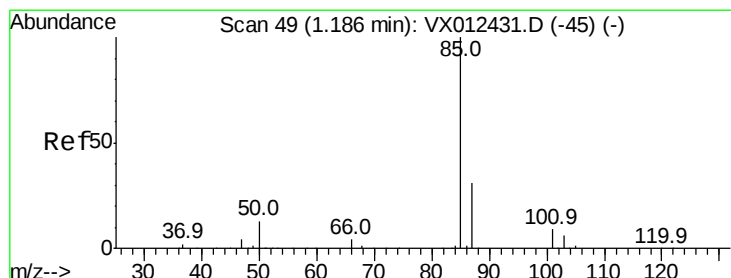
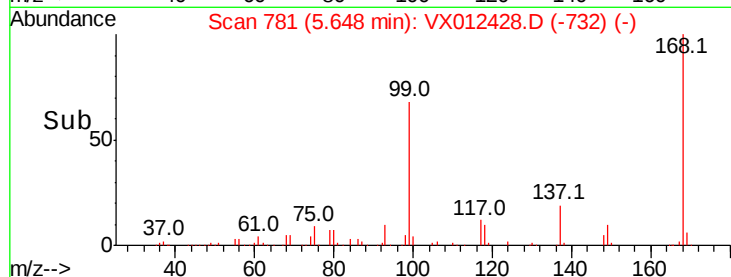
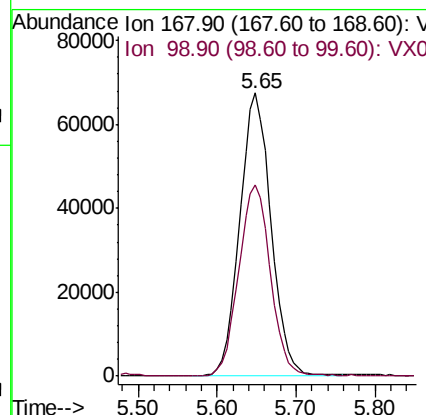
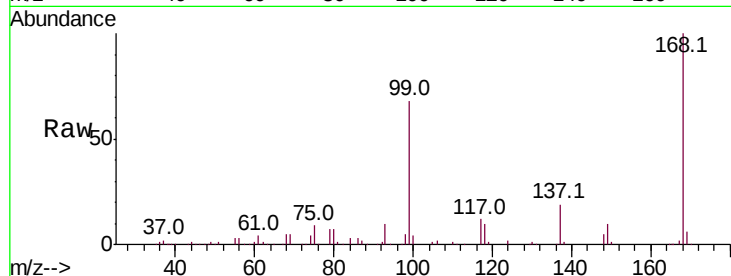
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

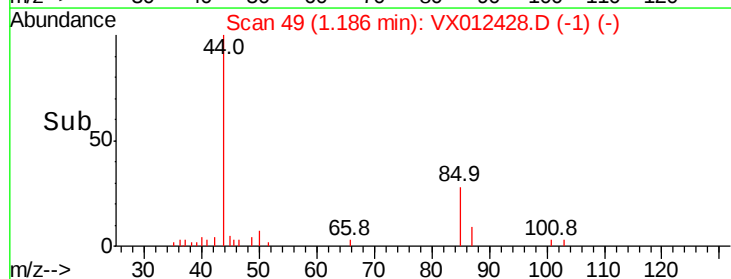
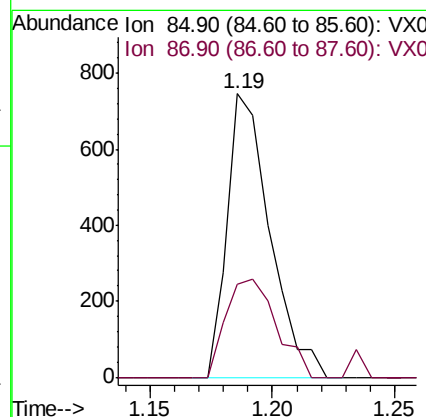
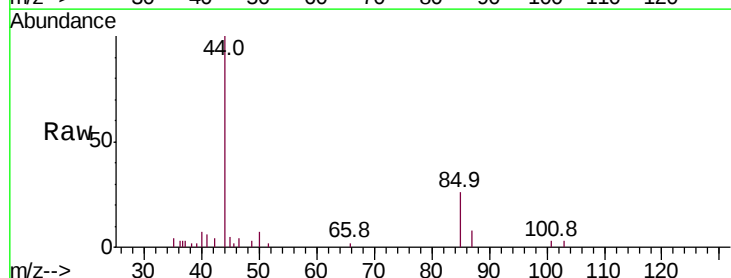
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

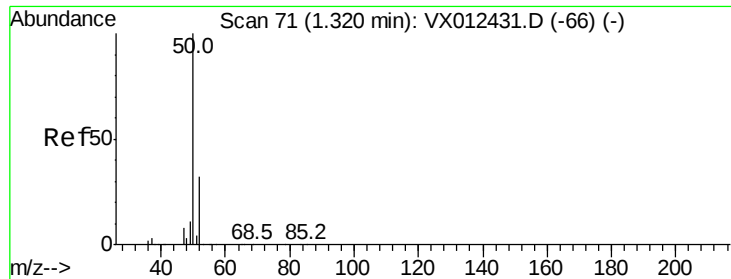
Tot Ion:168 Resp: 186292
Ion Ratio Lower Upper
168 100
99 67.6 51.4 77.2



#2
Dichlorodifluoromethane
Concen: 0.586 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Tgt Ion: 85 Resp: 909
Ion Ratio Lower Upper
85 100
87 32.7 15.6 46.8





#3

Chloromethane

Concen: 0.848 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

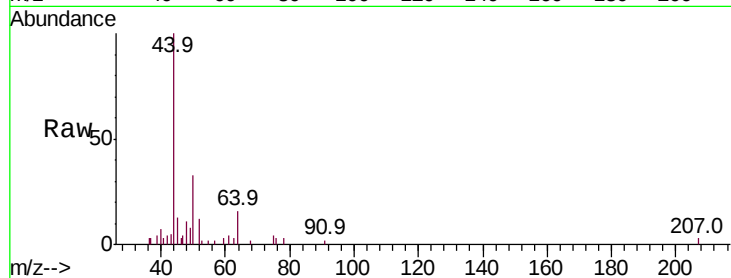
VSTDIC001

Tot Ion: 50 Resp: 1140

Ion Ratio Lower Upper

50 100

52 38.1 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

800

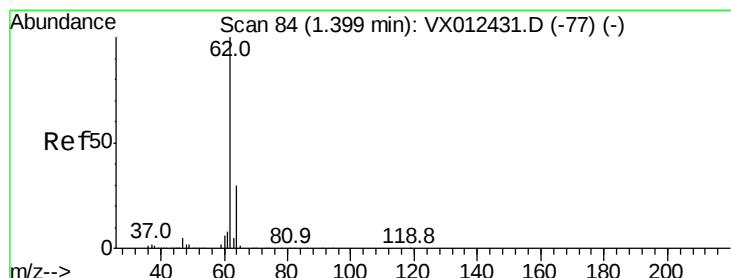
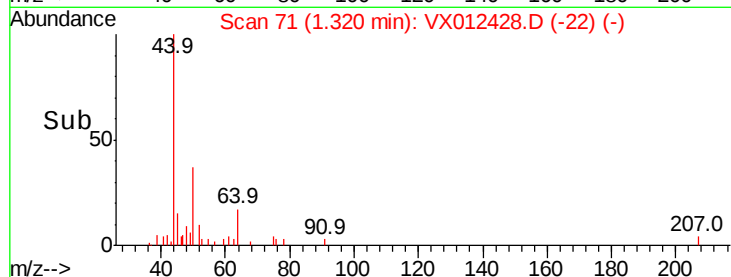
600

400

200

0

Time-->



#4

Vinyl Chloride

Concen: 0.744 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012428.D

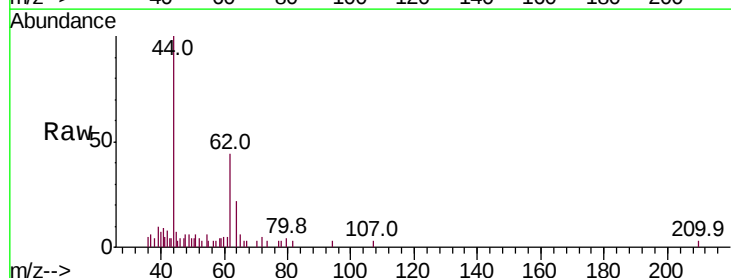
Acq: 17 Sep 2019 11:59

Tgt Ion: 62 Resp: 1103

Ion Ratio Lower Upper

62 100

64 28.2 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

1000

800

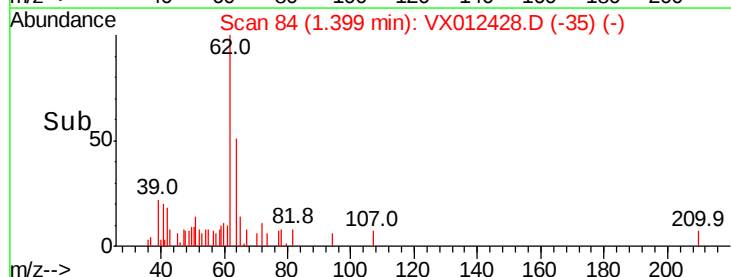
600

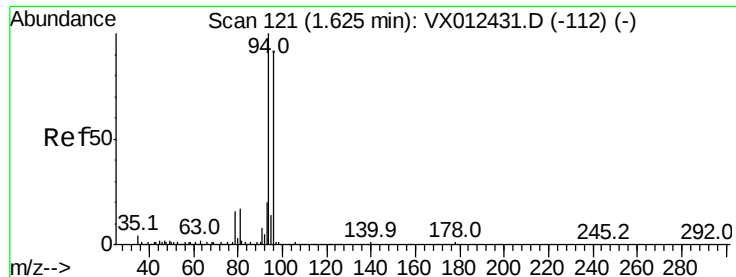
400

200

0

Time-->





#5

Bromomethane

Concen: 0.834 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

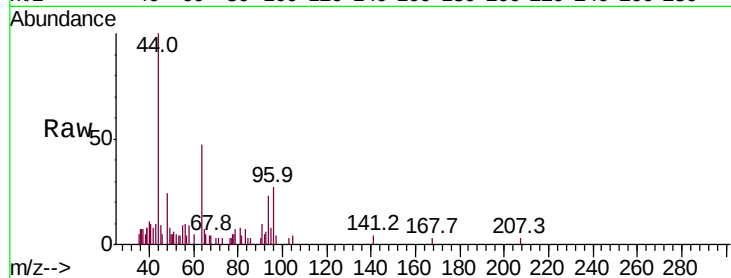
VSTDIC001

Tot Ion: 94 Resp: 517

Ion Ratio Lower Upper

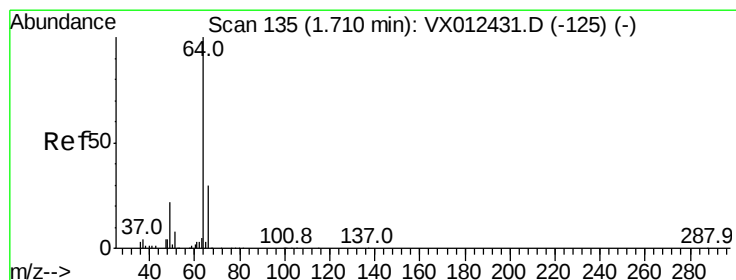
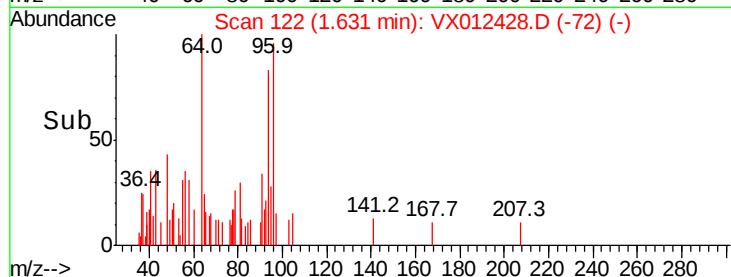
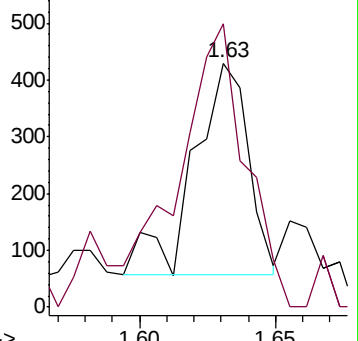
94 100

96 114.0 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.048 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012428.D

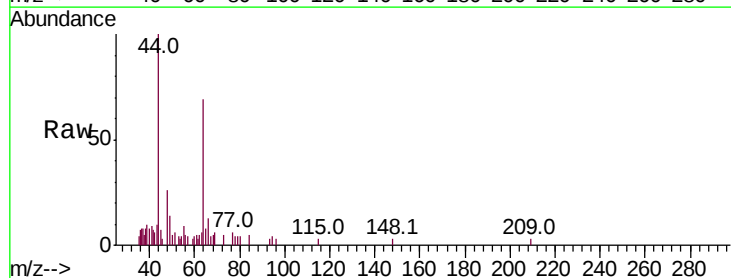
Acq: 17 Sep 2019 11:59

Tgt Ion: 64 Resp: 1032

Ion Ratio Lower Upper

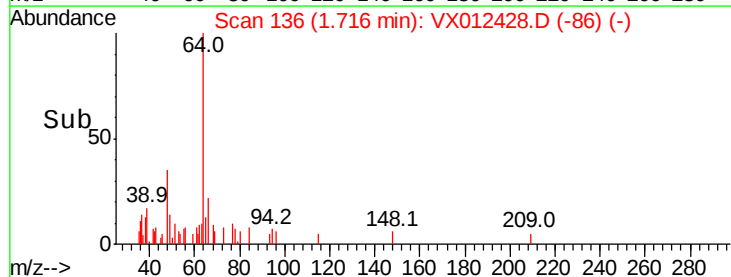
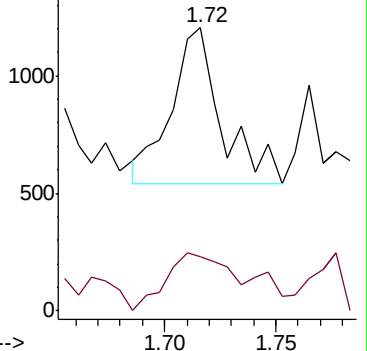
64 100

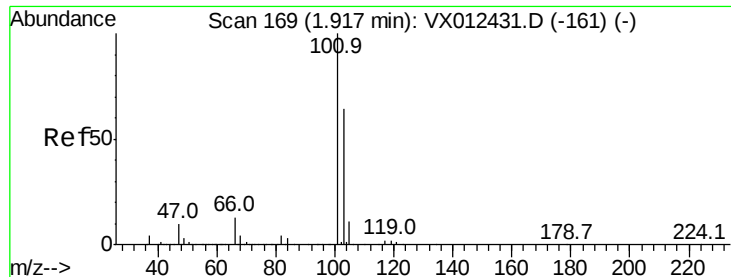
66 34.7 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



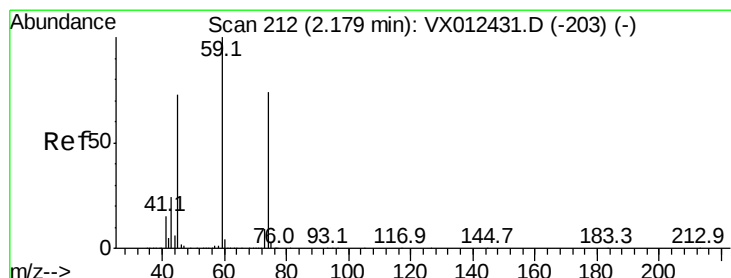
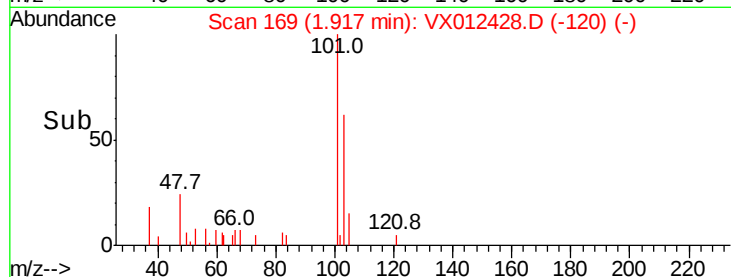
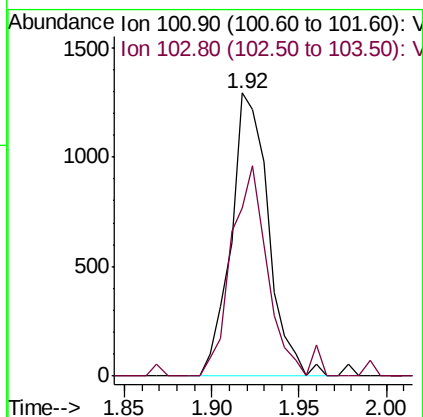
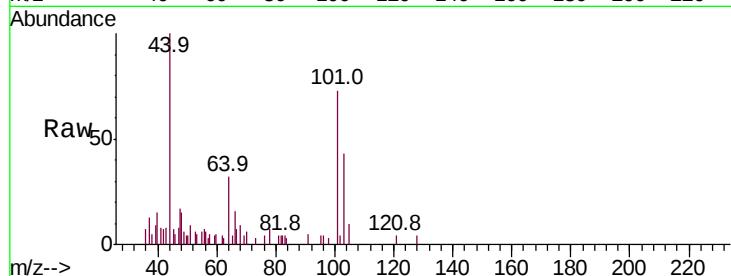


#7

Trichlorofluoromethane
Concen: 0.706 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

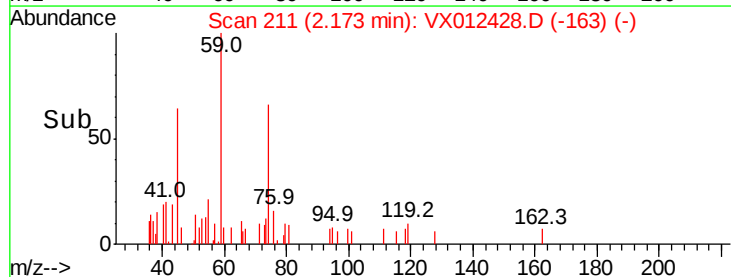
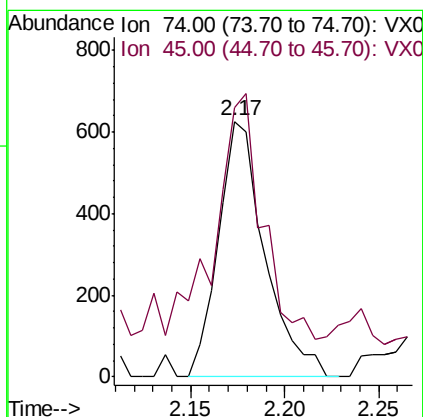
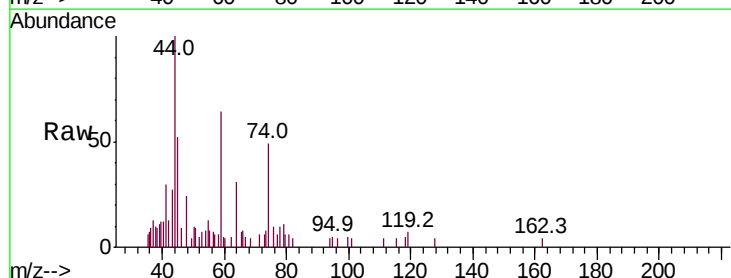
Tot Ion:101 Resp: 1913
Ion Ratio Lower Upper
101 100
103 59.2 51.0 76.4

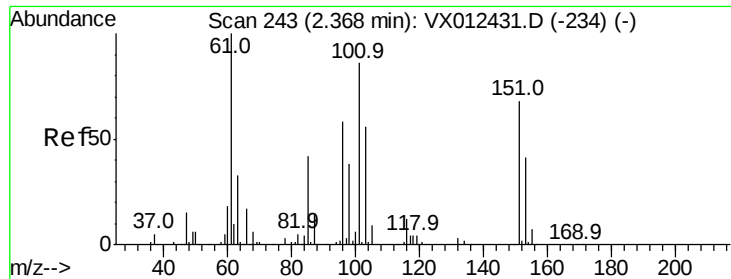


#8

Diethyl Ether
Concen: 0.893 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Tgt Ion: 74 Resp: 1068
Ion Ratio Lower Upper
74 100
45 110.9 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.802 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

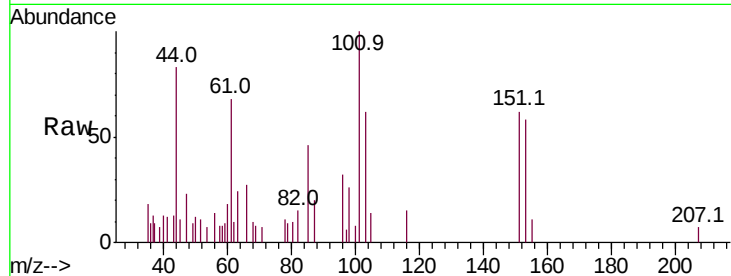
Tot Ion:101 Resp: 1565

Ion Ratio Lower Upper

101 100

85 48.4 37.3 55.9

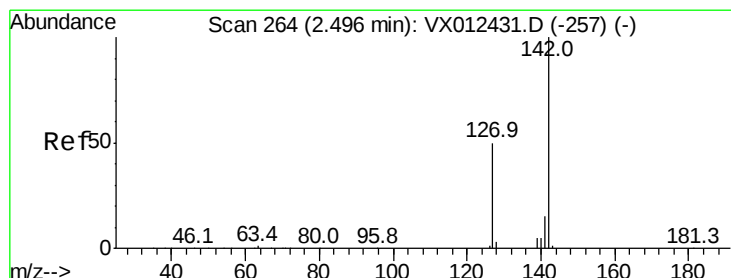
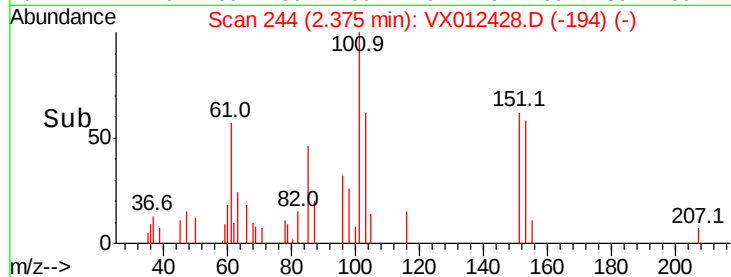
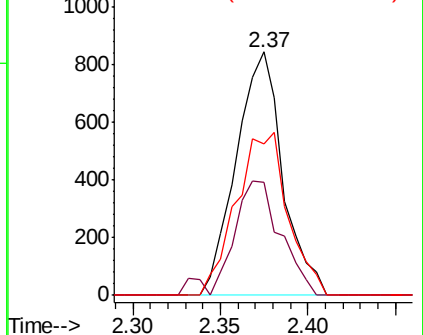
151 74.1 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.453 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

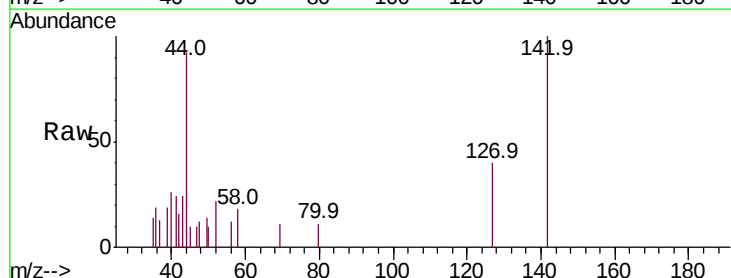
Tgt Ion:142 Resp: 812

Ion Ratio Lower Upper

142 100

127 52.2 40.8 61.2

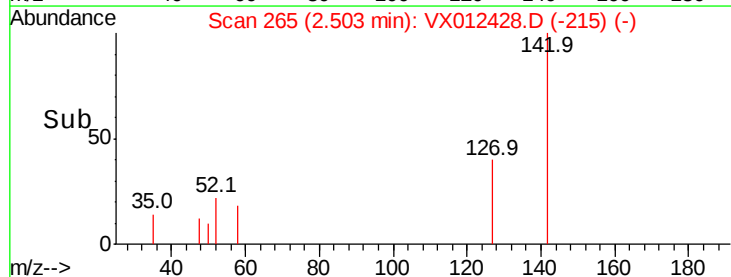
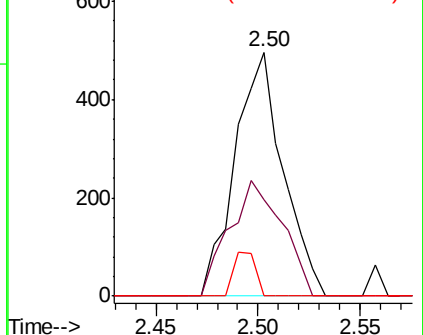
141 7.9 12.1 18.1#

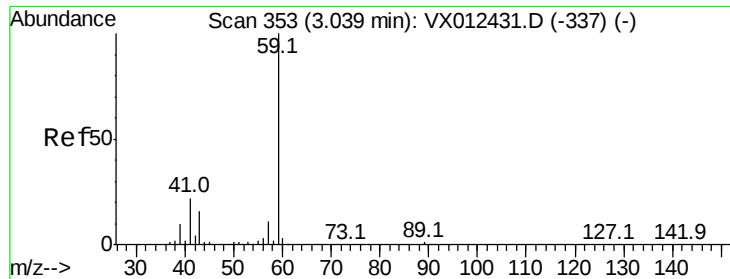


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



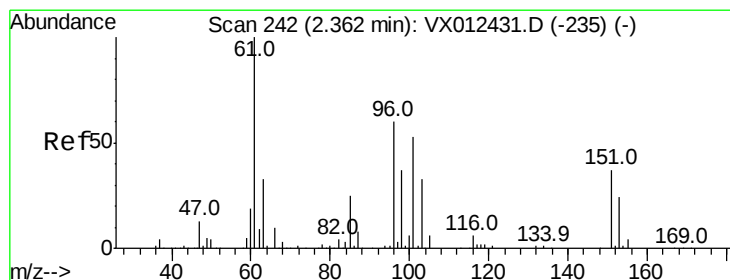
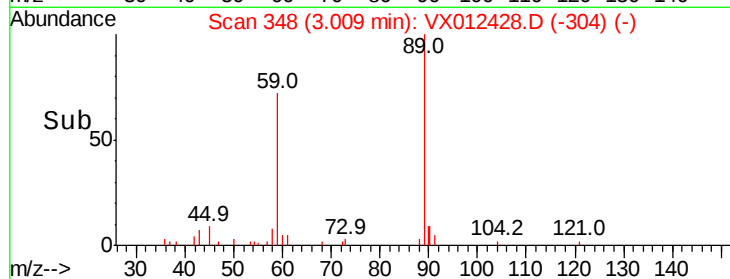
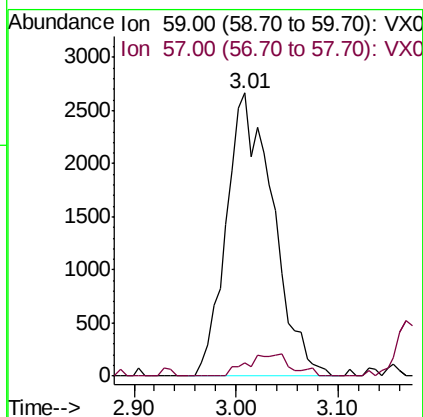
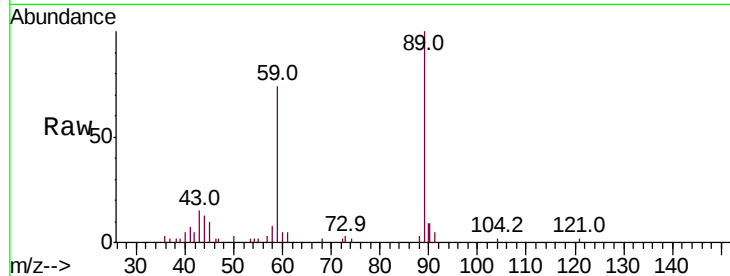


#11

Tert butyl alcohol
 Concen: 9.299 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.03 min
 Lab File: VX012428.D
 Acq: 17 Sep 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

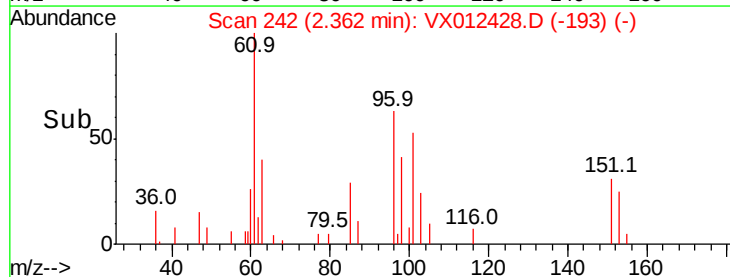
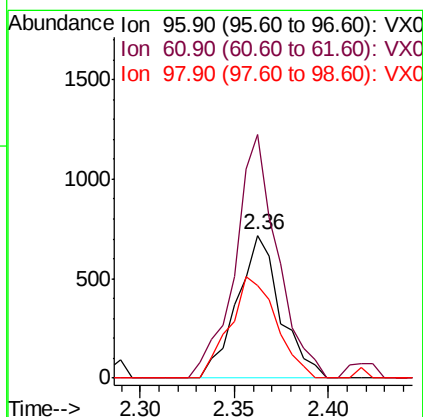
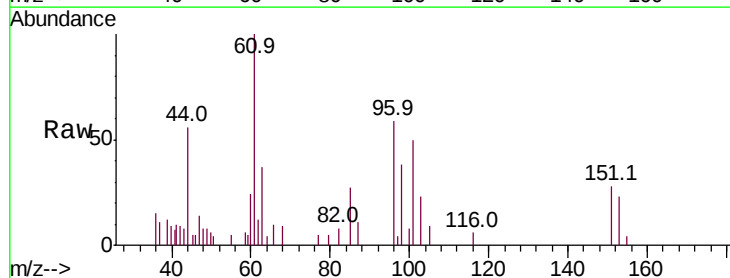
Tot Ion: 59 Resp: 8446
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

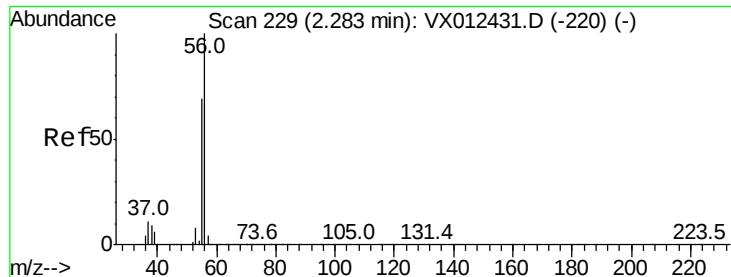


#12

1,1-Dichloroethene
 Concen: 0.745 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012428.D
 Acq: 17 Sep 2019 11:59

Tgt Ion: 96 Resp: 1143
 Ion Ratio Lower Upper
 96 100
 61 170.5 133.8 200.6
 98 64.5 49.9 74.9





#13

Acrolein

Concen: 5.055 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

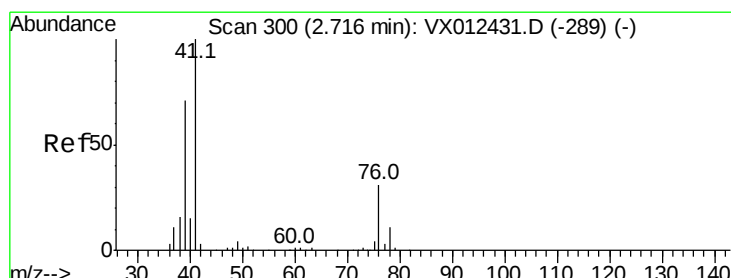
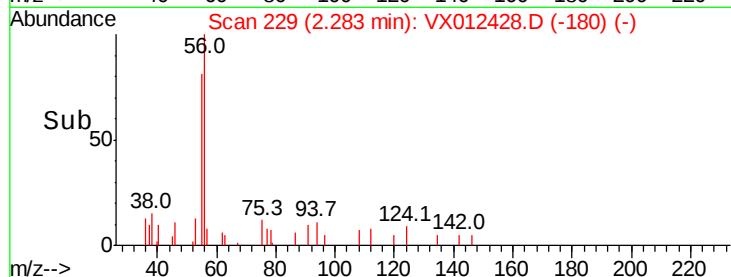
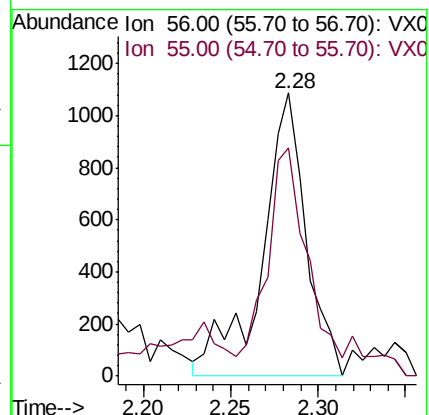
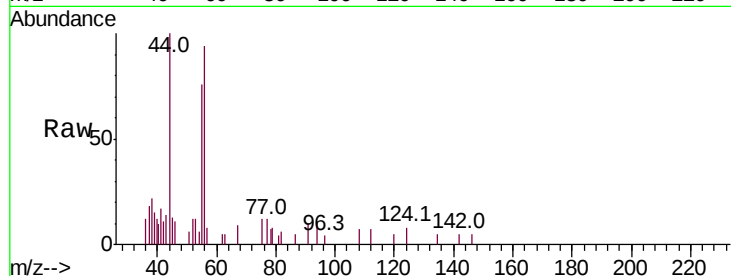
VSTDIC001

Tot Ion: 56 Resp: 1910

Ion Ratio Lower Upper

56 100

55 83.3 55.8 83.8



#14

Allyl chloride

Concen: 0.665 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

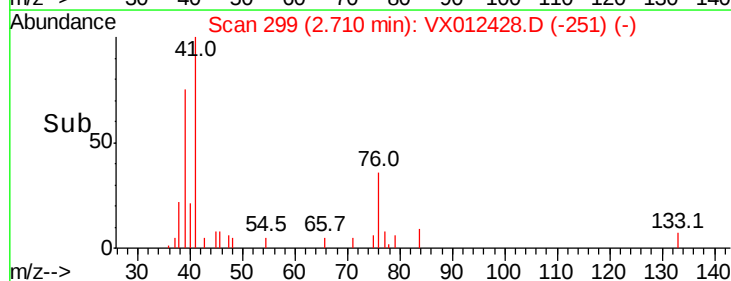
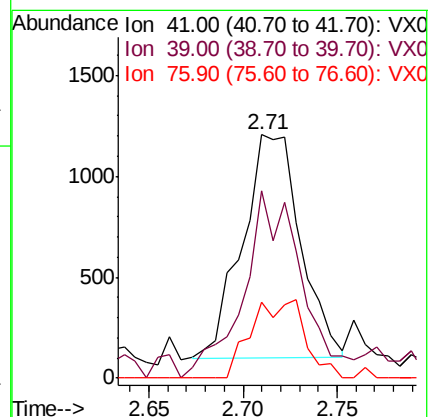
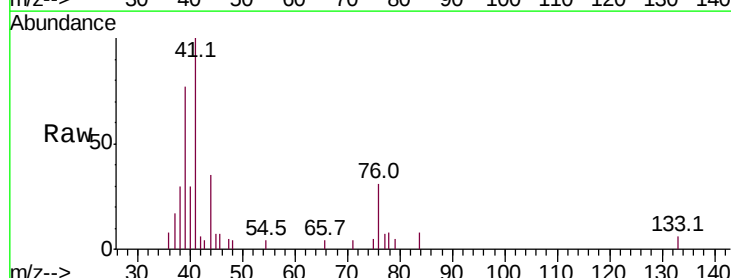
Tgt Ion: 41 Resp: 2369

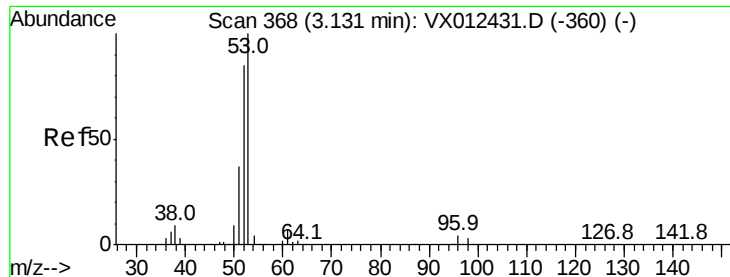
Ion Ratio Lower Upper

41 100

39 83.7 51.3 76.9#

76 32.5 22.6 33.8





#15

Acrylonitrile

Concen: 3.705 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

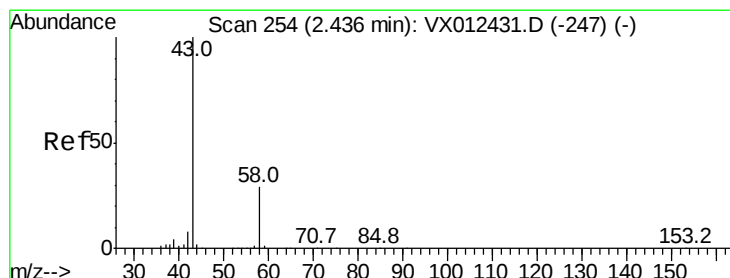
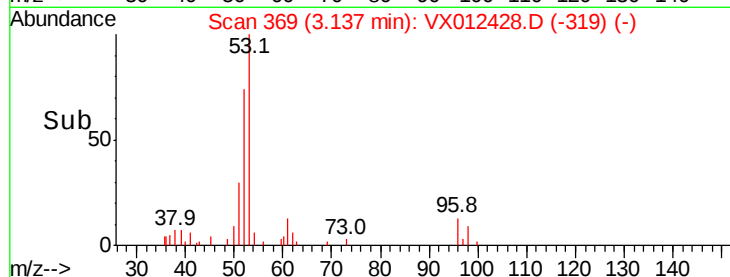
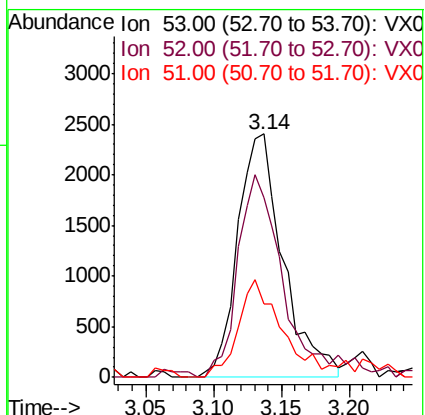
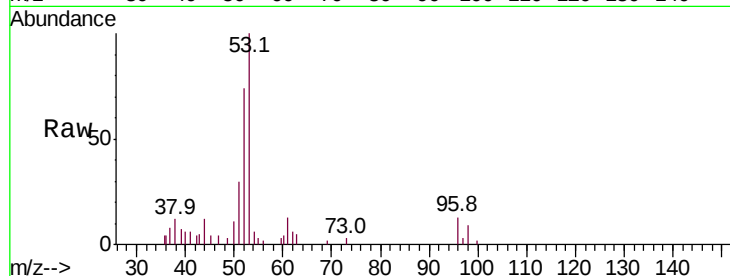
Tot Ion: 53 Resp: 5619

Ion Ratio Lower Upper

53 100

52 79.5 67.0 100.4

51 39.4 29.6 44.4



#16

Acetone

Concen: 5.170 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012428.D

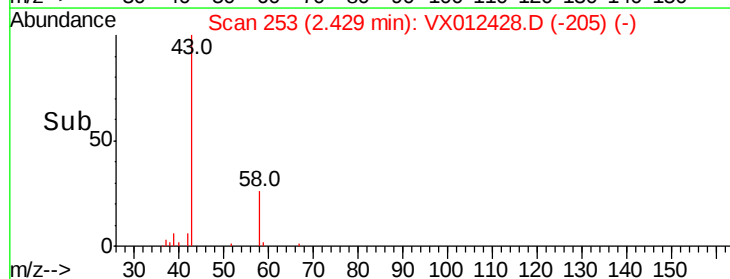
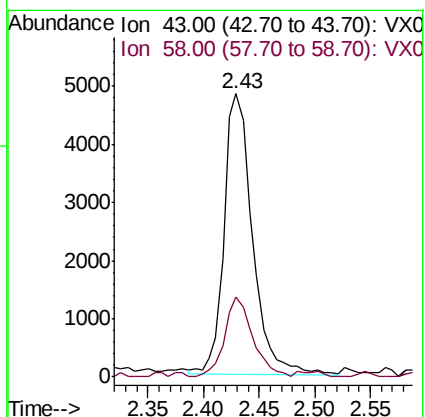
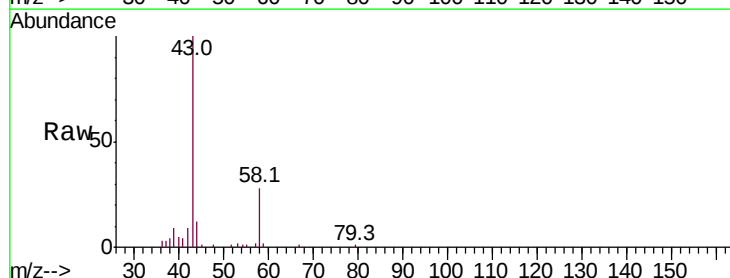
Acq: 17 Sep 2019 11:59

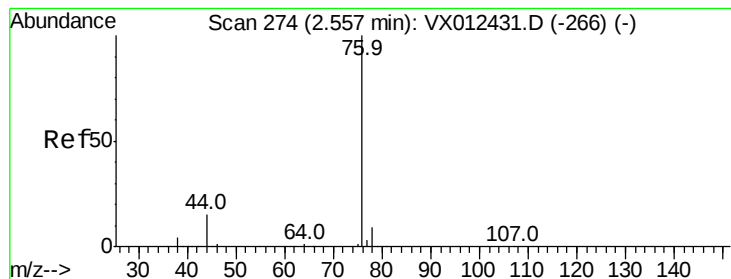
Tgt Ion: 43 Resp: 8551

Ion Ratio Lower Upper

43 100

58 28.8 23.3 34.9





#17

Carbon Disulfide

Concen: 0.566 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

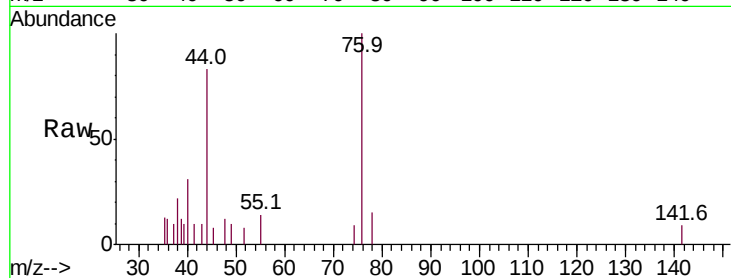
VSTDIC001

Tot Ion: 76 Resp: 1147

Ion Ratio Lower Upper

76 100

78 14.8 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

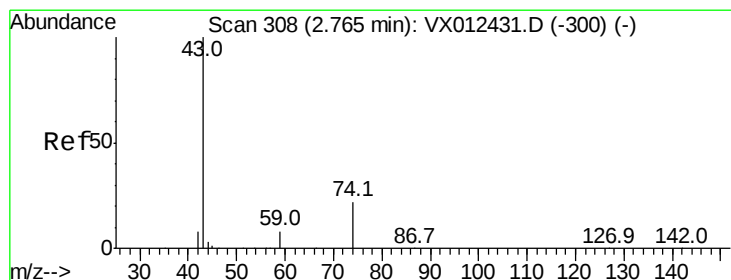
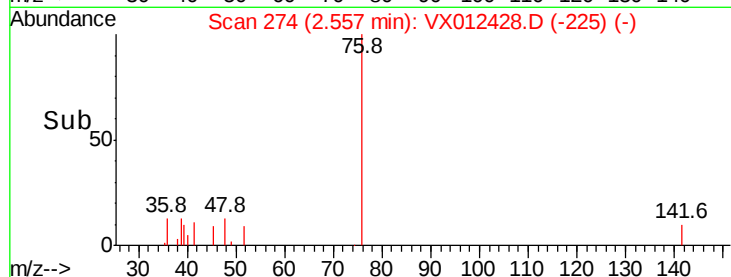
600

400

200

0

Time--> 2.50 2.55 2.60



#18

Methyl Acetate

Concen: 0.818 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012428.D

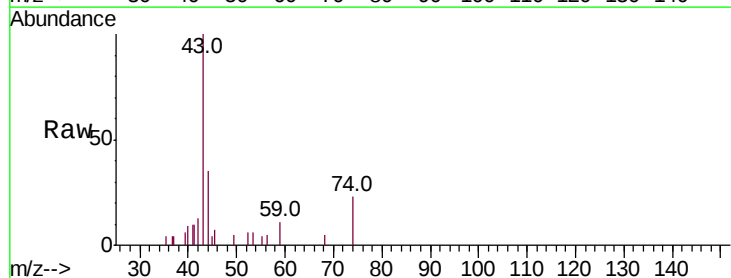
Acq: 17 Sep 2019 11:59

Tgt Ion: 43 Resp: 2975

Ion Ratio Lower Upper

43 100

74 22.0 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

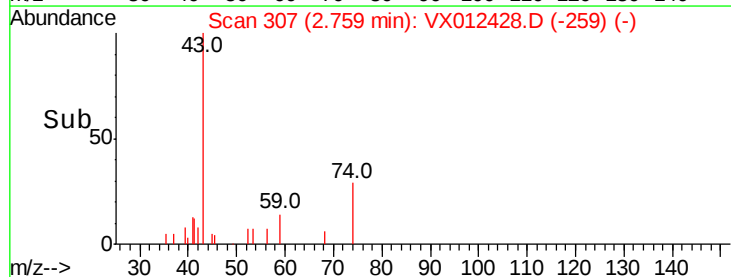
1500

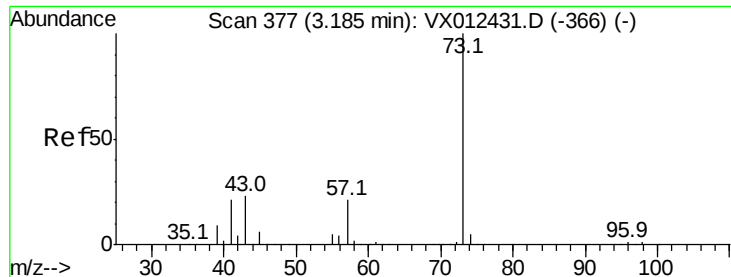
1000

500

0

Time--> 2.70 2.75 2.80



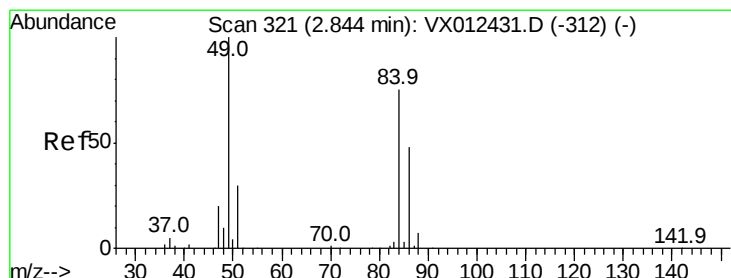
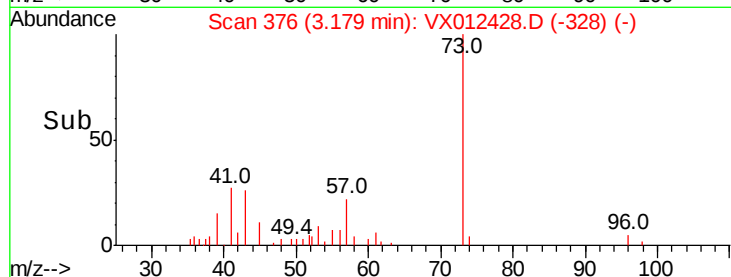
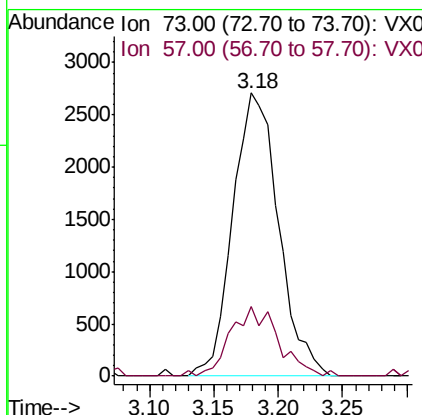
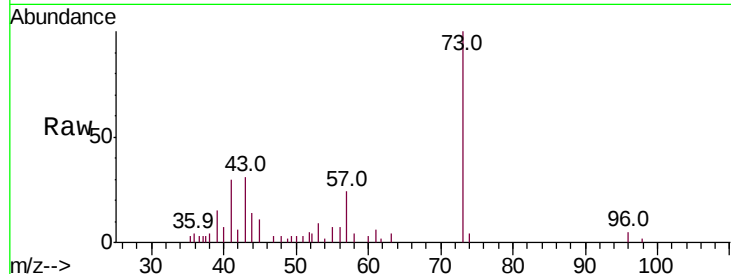


#19

Methyl tert-butyl Ether
 Concen: 0.802 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX012428.D
 Acq: 17 Sep 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

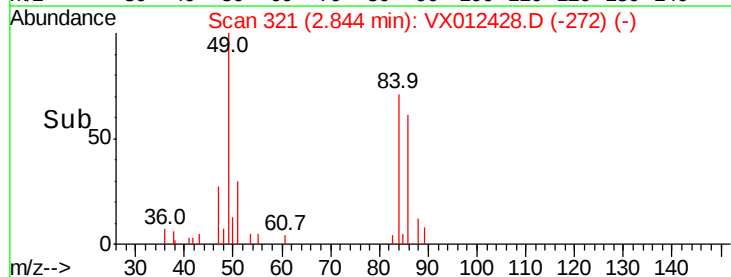
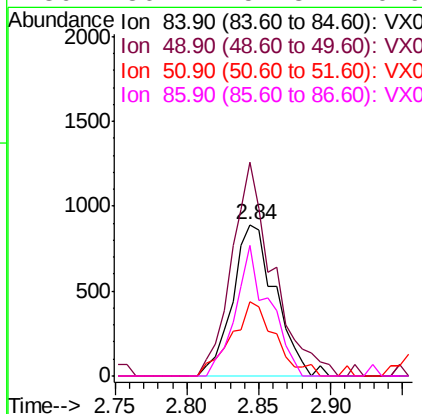
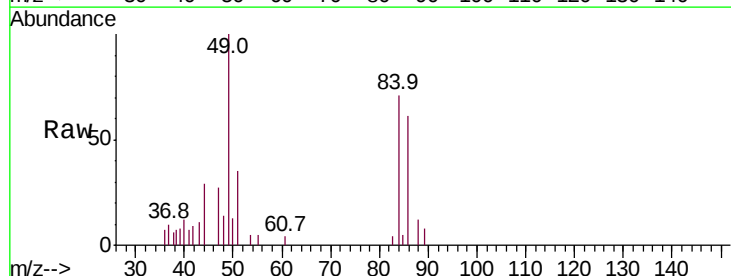
Tot Ion: 73 Resp: 6682
 Ion Ratio Lower Upper
 73 100
 57 24.5 16.8 25.2

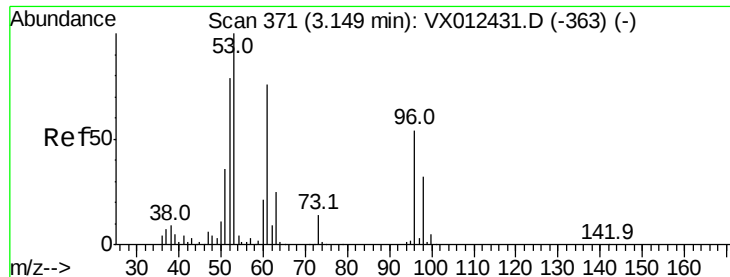


#20

Methylene Chloride
 Concen: 0.832 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX012428.D
 Acq: 17 Sep 2019 11:59

Tgt Ion: 84 Resp: 1849
 Ion Ratio Lower Upper
 84 100
 49 141.3 106.8 160.2
 51 49.1 32.3 48.5#
 86 86.1 51.3 76.9#





#21

trans-1,2-Dichloroethene

Concen: 0.757 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

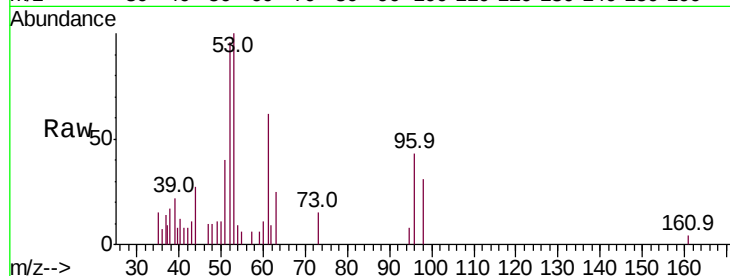
Tot Ion: 96 Resp: 1248

Ion Ratio Lower Upper

96 100

61 142.5 112.0 168.0

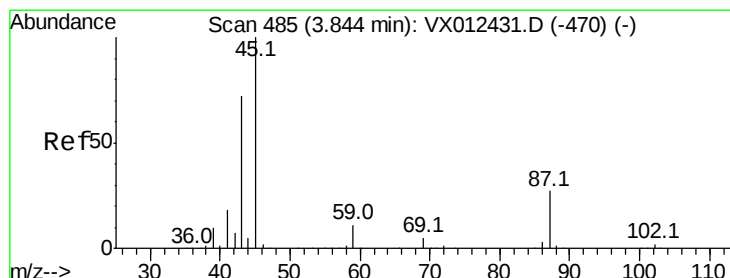
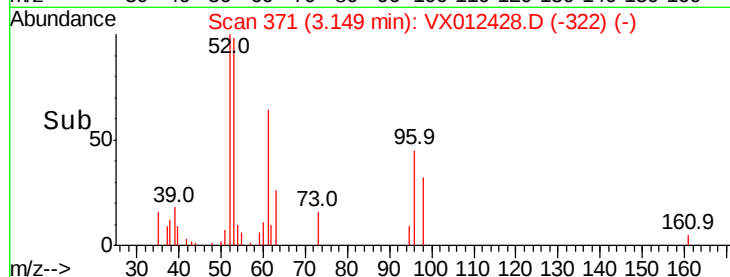
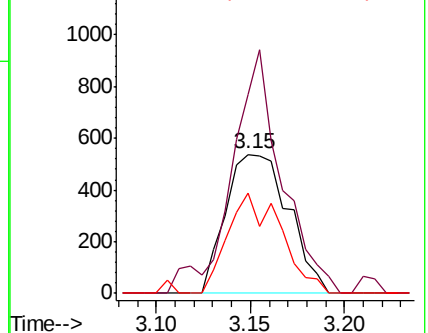
98 71.6 47.8 71.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 0.822 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Tgt Ion: 45 Resp: 6724

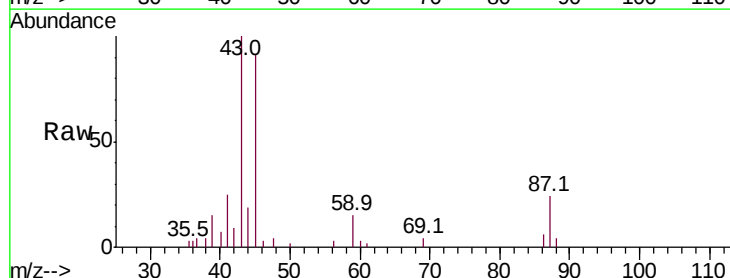
Ion Ratio Lower Upper

45 100

43 100.5 57.8 86.8#

87 26.4 21.3 31.9

59 16.0 8.5 12.7#

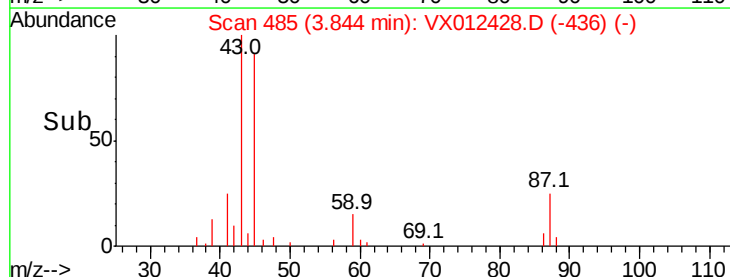
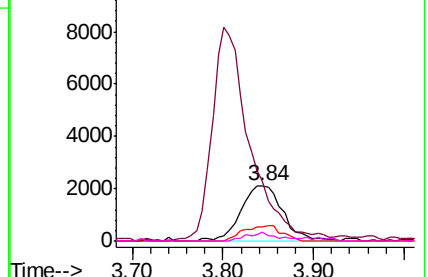


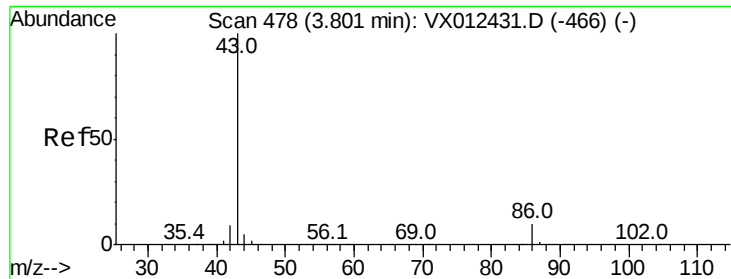
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 3.539 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

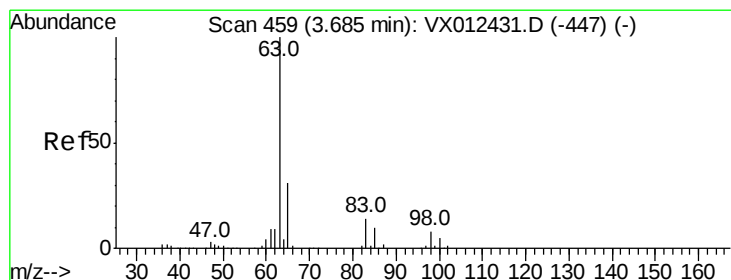
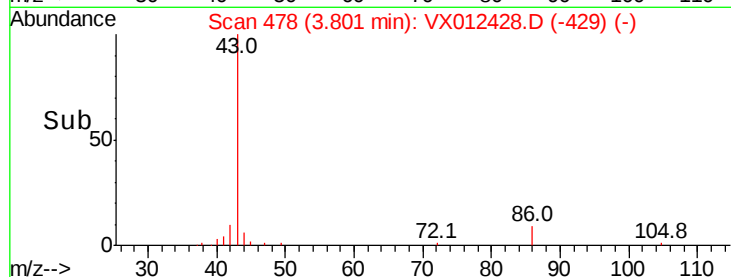
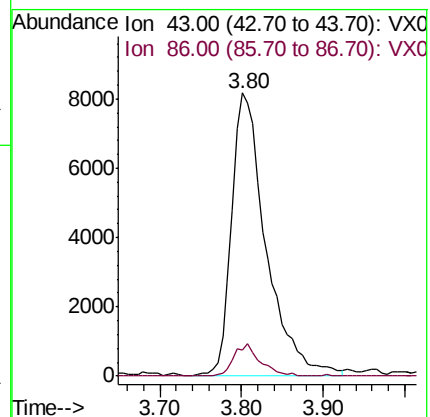
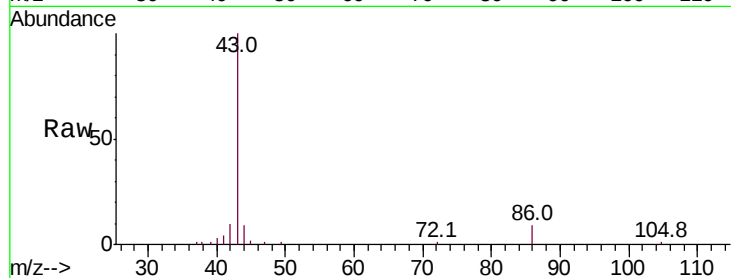
VSTDIC001

Tot Ion: 43 Resp: 23874

Ion Ratio Lower Upper

43 100

86 9.4 7.8 11.8



#24

1,1-Dichloroethane

Concen: 0.713 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

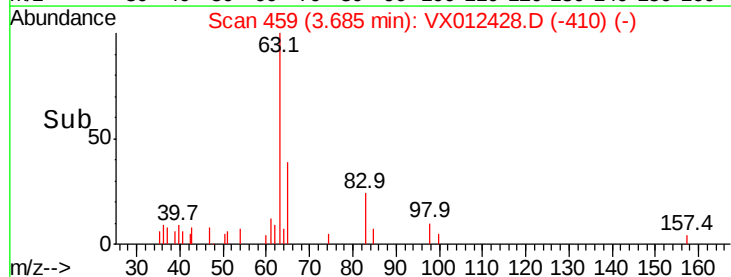
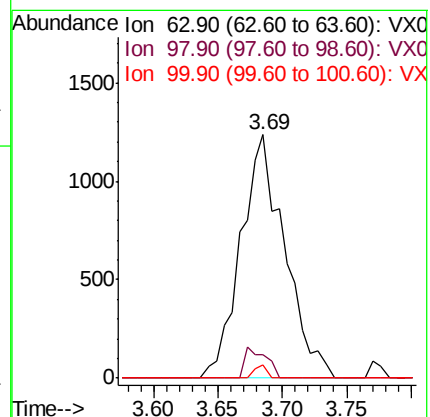
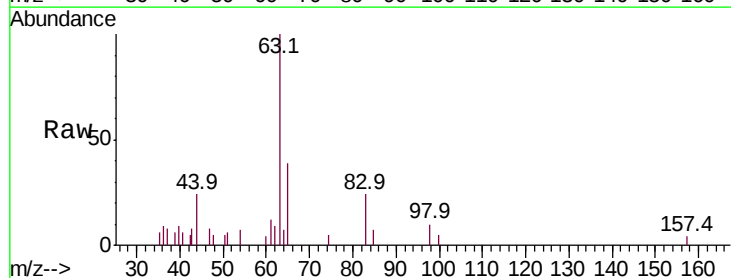
Tgt Ion: 63 Resp: 2919

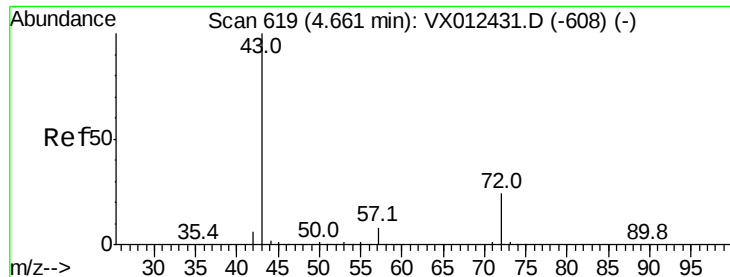
Ion Ratio Lower Upper

63 100

98 9.7 3.9 11.7

100 5.5 2.3 6.9





#25

2-Butanone

Concen: 4.246 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Instrument :

MSVOA_X

ClientSampled :

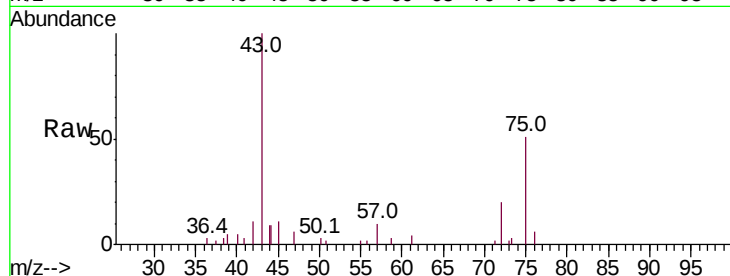
VSTDIC001

Tot Ion: 43 Resp: 9913

Ion Ratio Lower Upper

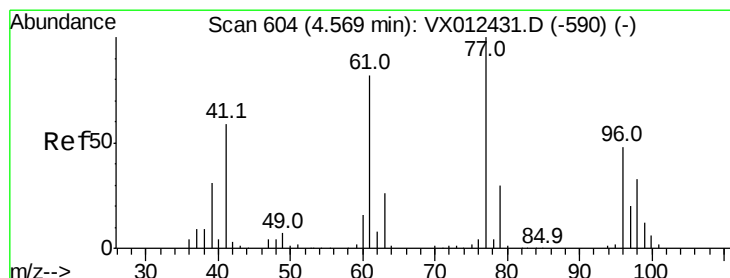
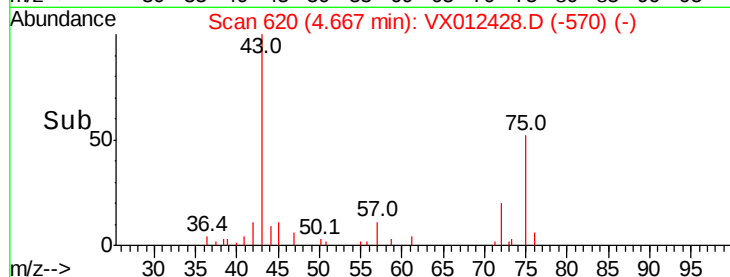
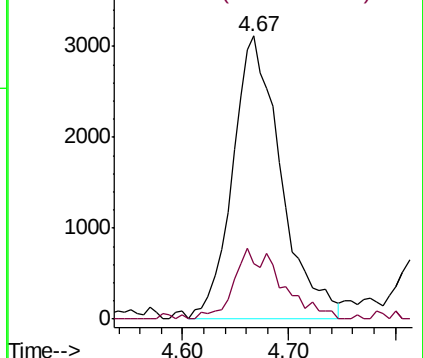
43 100

72 19.8 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 0.845 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012428.D

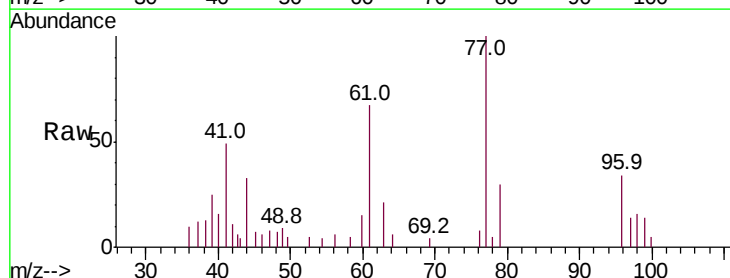
Acq: 17 Sep 2019 11:59

Tgt Ion: 77 Resp: 3304

Ion Ratio Lower Upper

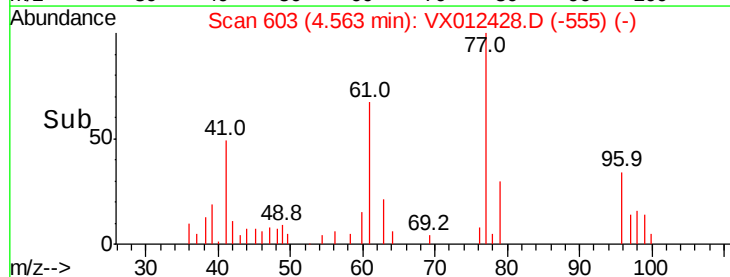
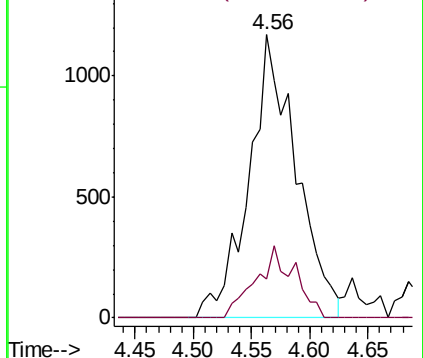
77 100

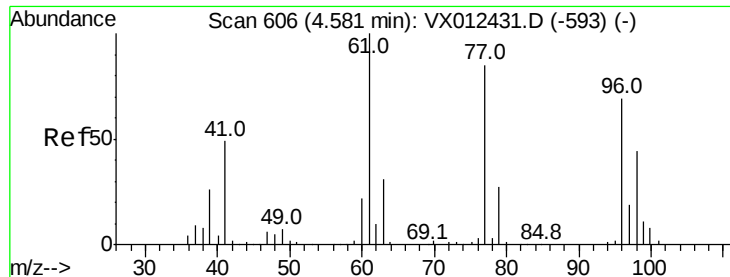
97 20.9 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



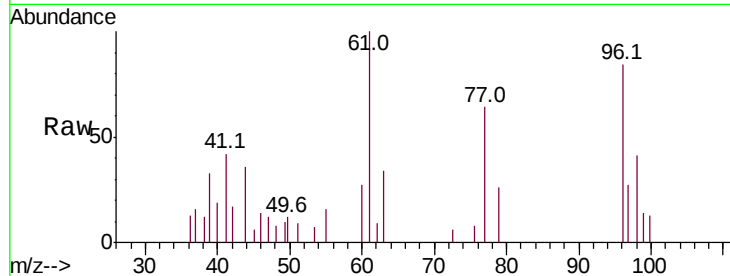


#27

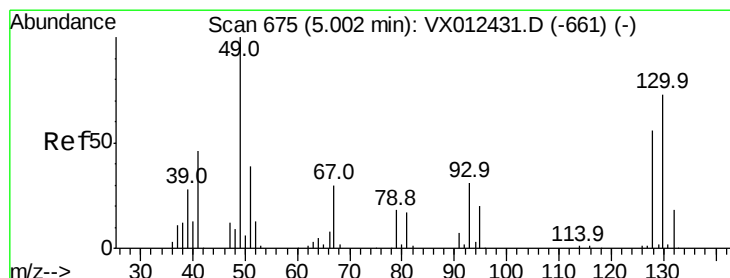
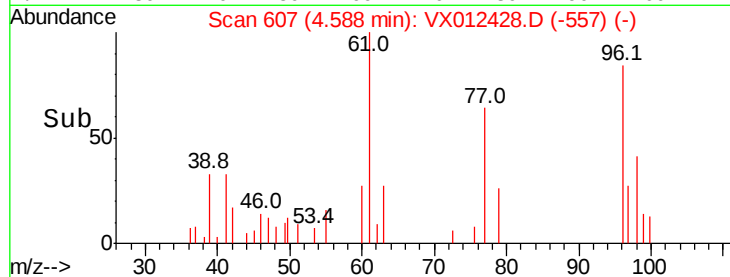
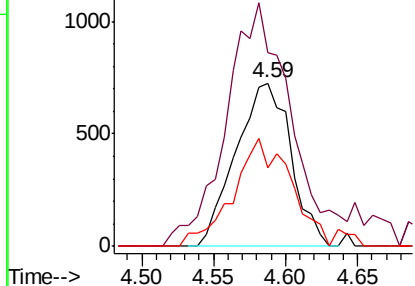
cis-1,2-Dichloroethene
Concen: 0.793 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion: 96 Resp: 1924
Ion Ratio Lower Upper
96 100
61 176.6 0.0 319.4
98 69.5 0.0 130.6



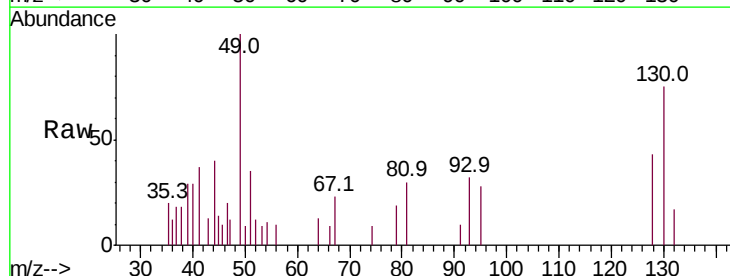
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



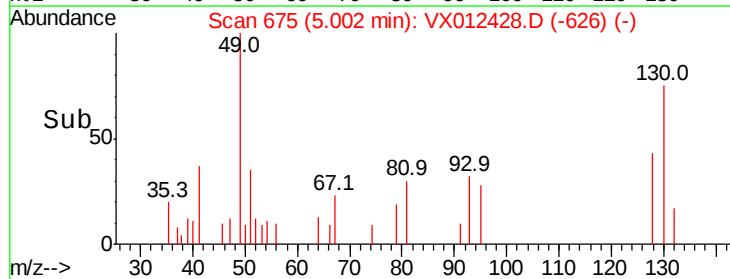
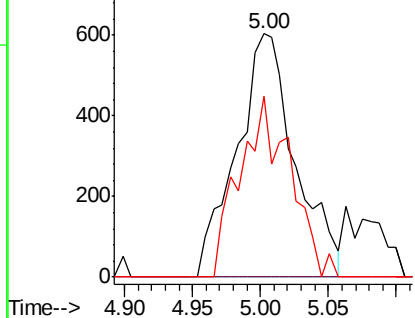
#28

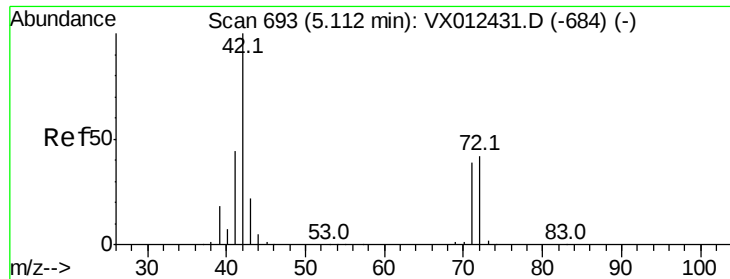
Bromochloromethane
Concen: 0.873 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Tgt Ion: 49 Resp: 1825
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 64.1 58.2 87.4



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

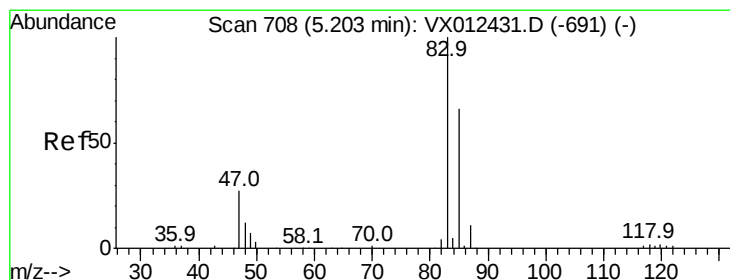
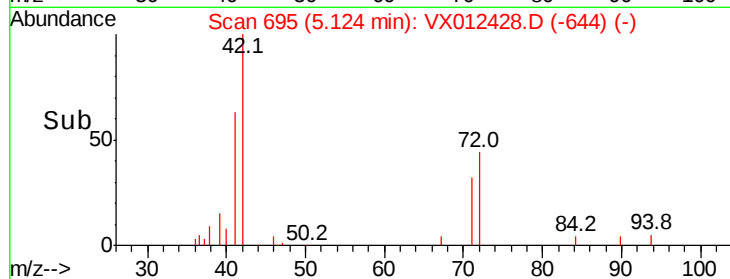
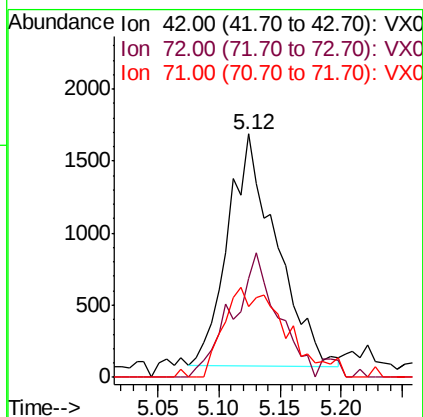
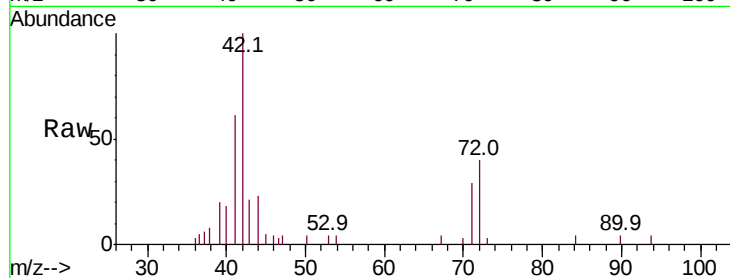




#29
Tetrahydrofuran
Concen: 3.315 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

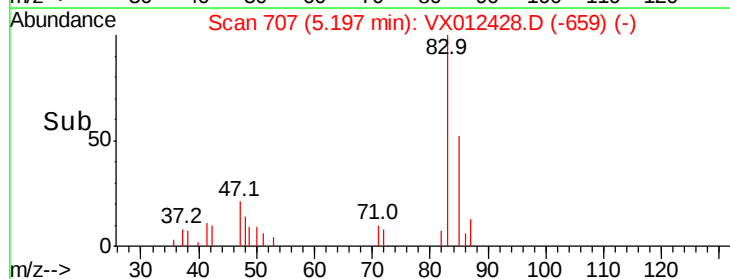
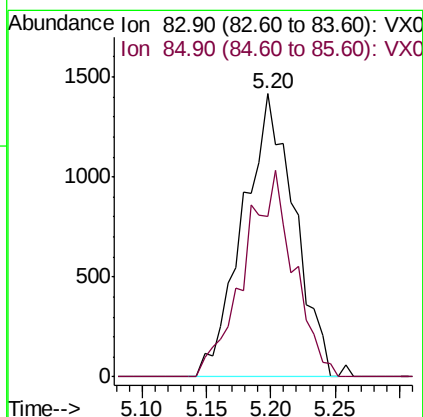
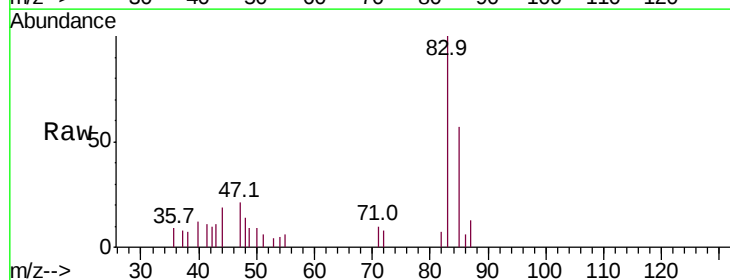
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

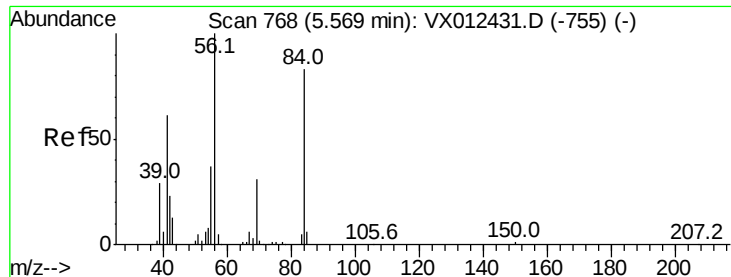
Tot Ion: 42 Resp: 4476
Ion Ratio Lower Upper
42 100
72 50.0 34.0 51.0
71 48.9 31.5 47.3#



#30
Chloroform
Concen: 0.832 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Tgt Ion: 83 Resp: 3930
Ion Ratio Lower Upper
83 100
85 56.7 53.0 79.4

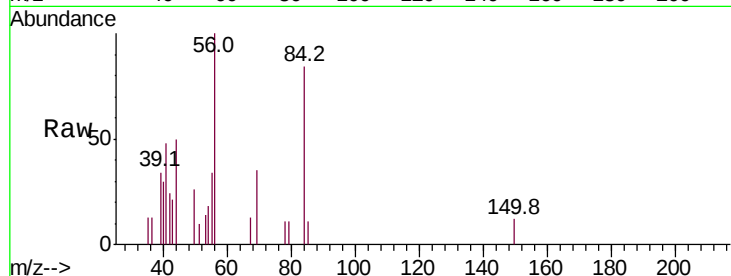




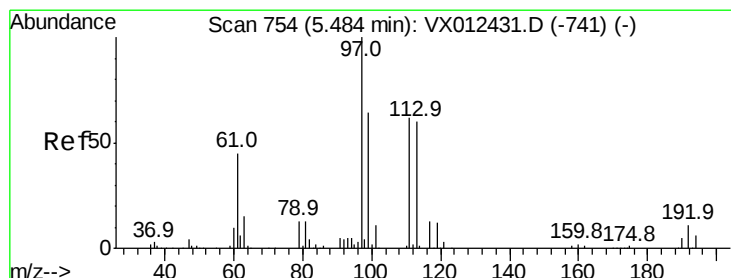
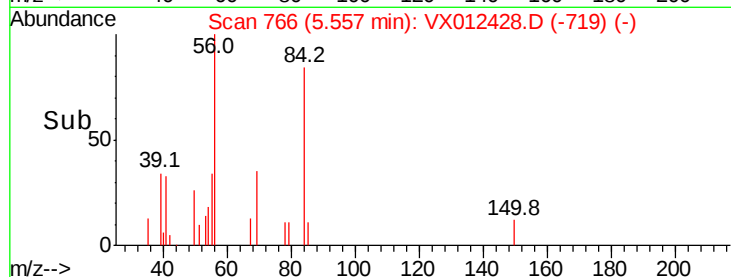
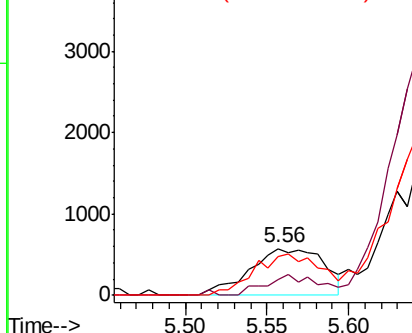
#31
Cyclohexane
Concen: 0.740 ug/l
RT: 5.56 min Scan# 766
Delta R.T. -0.01 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.5	25.0	37.6
84	83.5	66.4	99.6

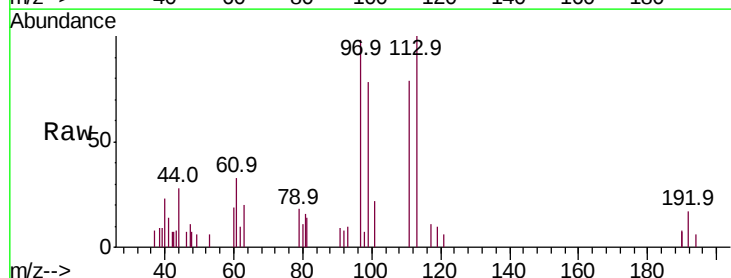


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

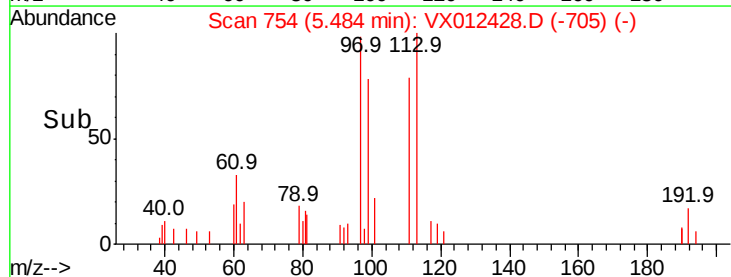
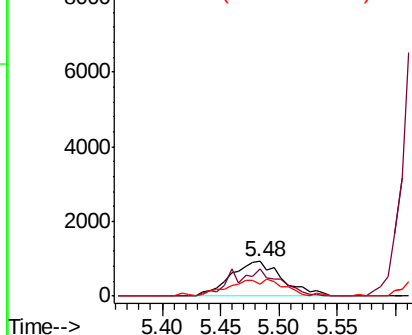


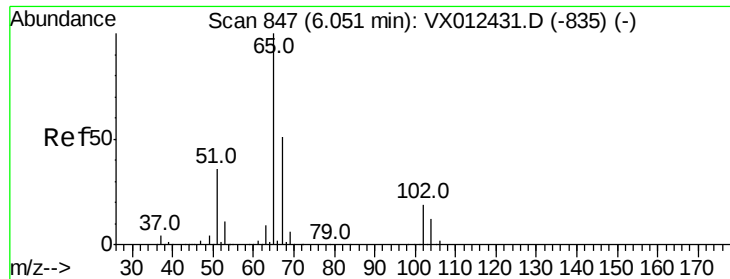
#32
1,1,1-Trichloroethane
Concen: 0.733 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.3	76.9#
61	29.5	36.1	54.1#



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

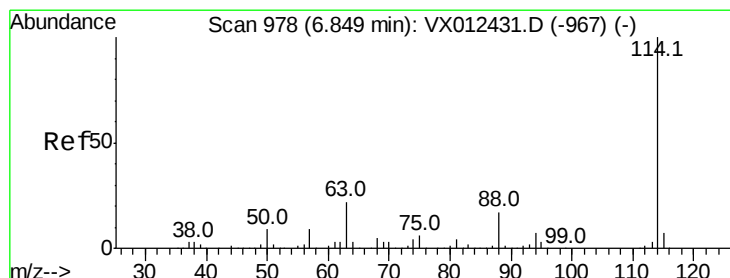
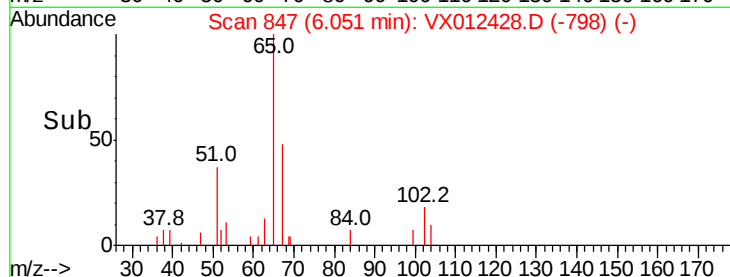
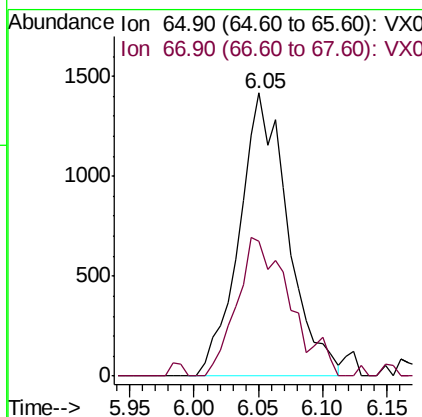
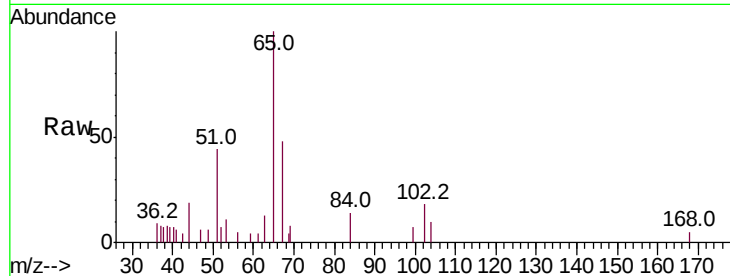




#33
 1,2-Dichloroethane-d4
 Concen: 1.052 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012428.D
 Acq: 17 Sep 2019 11:59

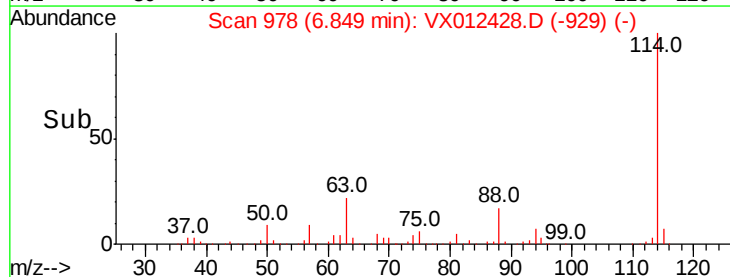
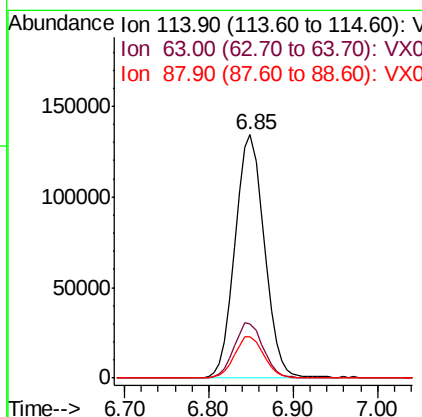
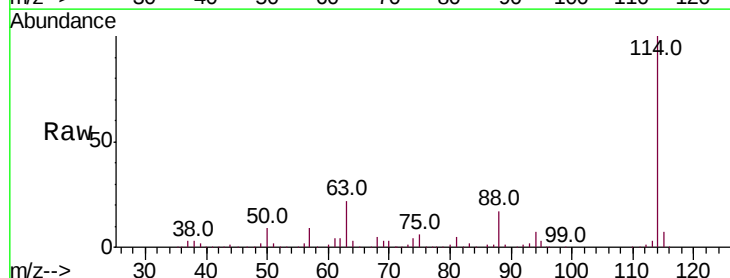
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

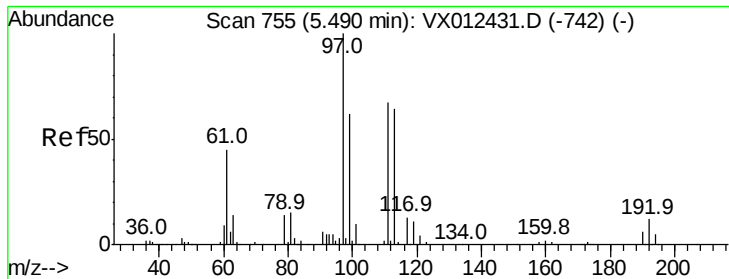
Tot Ion: 65 Resp: 3719
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012428.D
 Acq: 17 Sep 2019 11:59

Tgt Ion: 114 Resp: 316395
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.2
 88 17.2 0.0 33.2

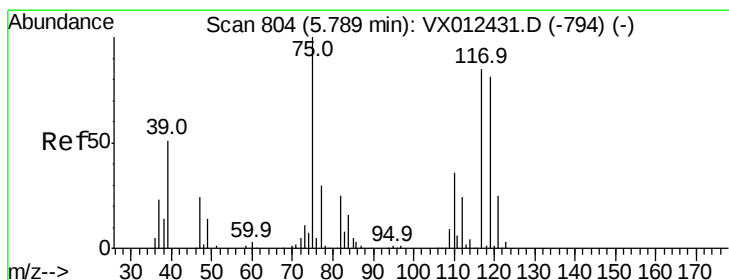
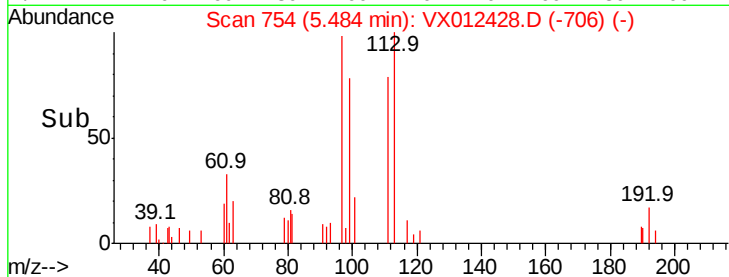
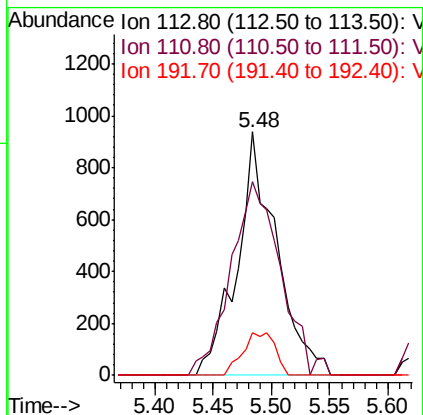
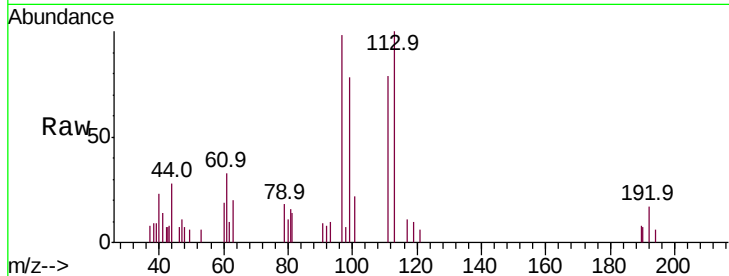




#35
 Dibromofluoromethane
 Concen: 0.792 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012428.D
 Acq: 17 Sep 2019 11:59

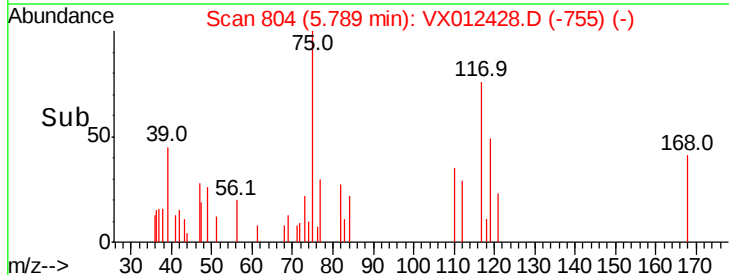
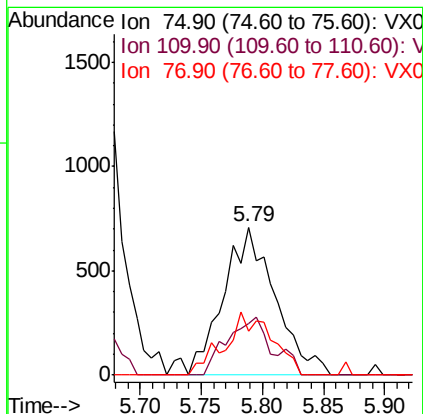
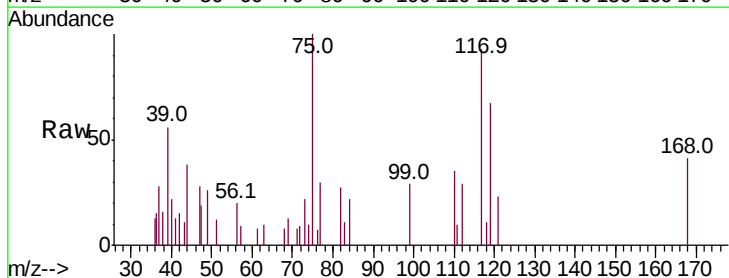
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

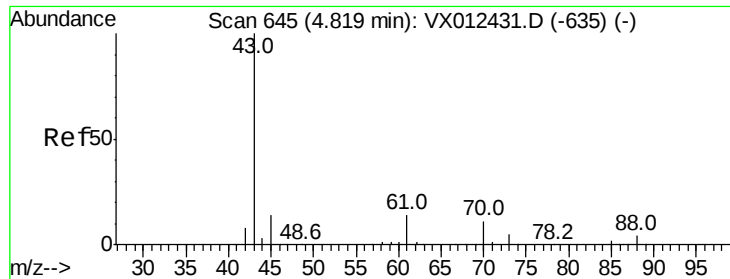
Tot Ion:113 Resp: 2221
 Ion Ratio Lower Upper
 113 100
 111 99.5 83.4 125.2
 192 14.4 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 0.754 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012428.D
 Acq: 17 Sep 2019 11:59

Tgt Ion: 75 Resp: 2081
 Ion Ratio Lower Upper
 75 100
 110 34.2 16.7 50.0
 77 38.5 24.2 36.2#

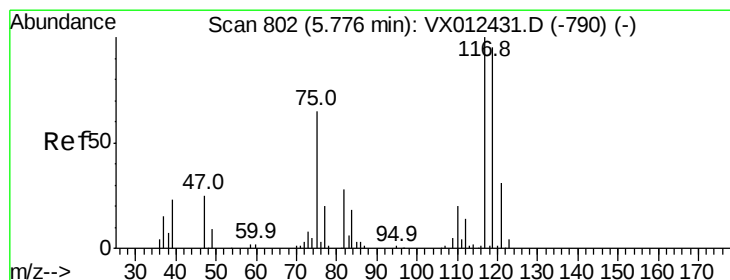
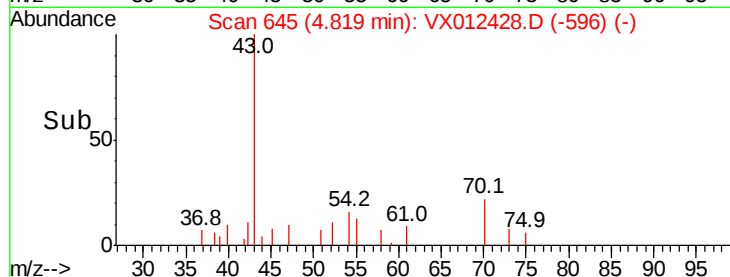
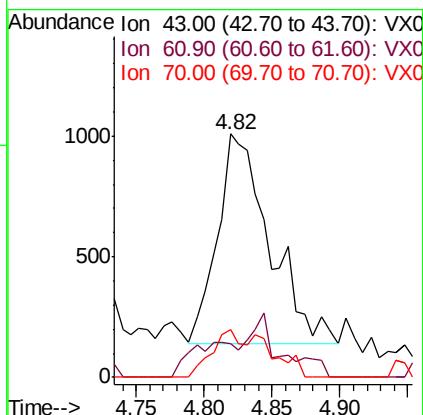
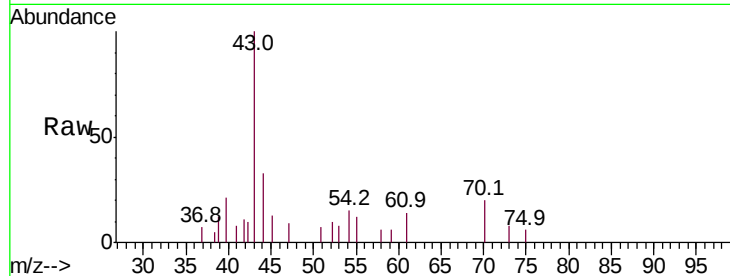




#37
Ethyl Acetate
Concen: 0.542 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

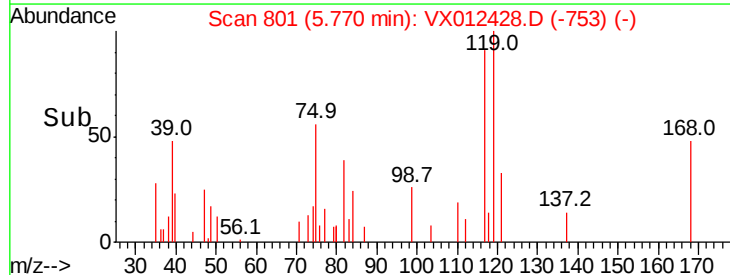
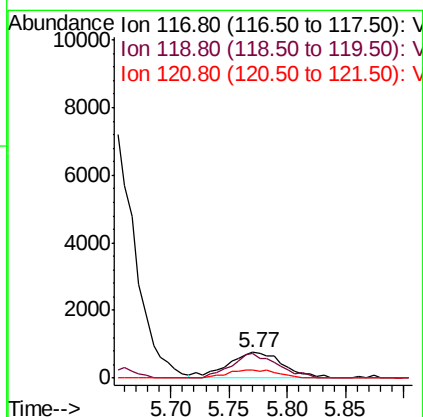
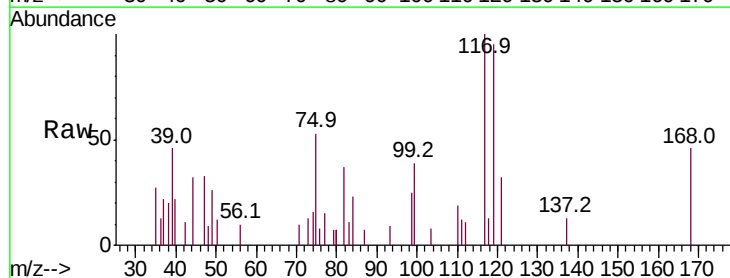
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

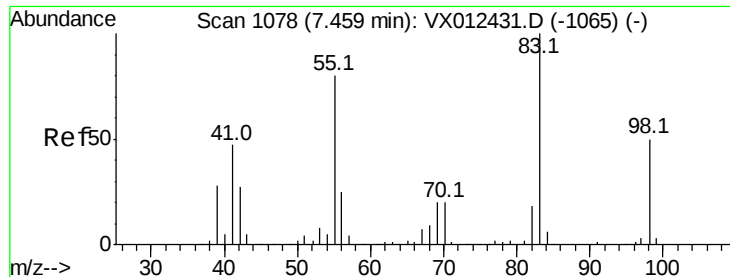
Tot Ion: 43 Resp: 2303
Ion Ratio Lower Upper
43 100
61 15.3 10.2 15.4
70 14.2 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 0.765 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Tgt Ion: 117 Resp: 2556
Ion Ratio Lower Upper
117 100
119 95.3 75.7 113.5
121 31.7 24.2 36.4

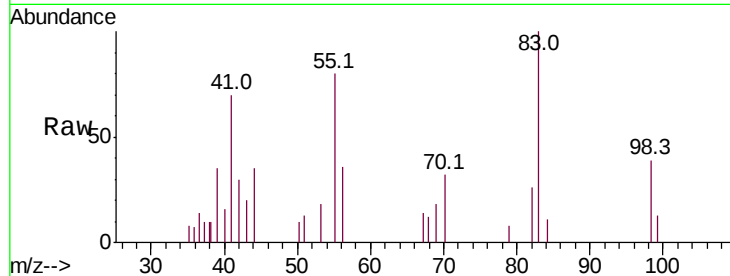




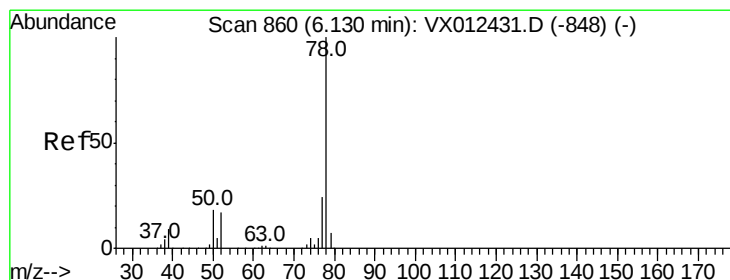
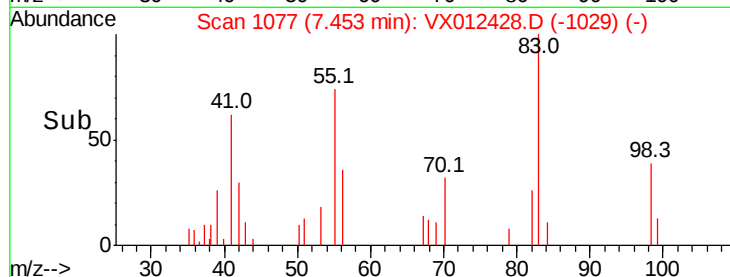
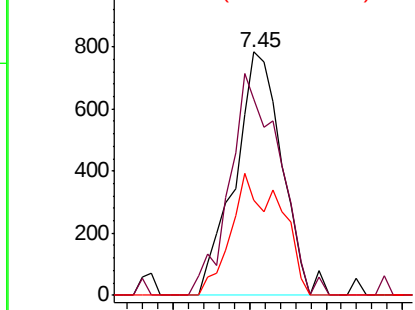
#39
Methvlcvclohexane
Concen: 0.635 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 1675
Ion Ratio Lower Upper
83 100
55 80.5 64.4 96.6
98 39.3 40.1 60.1#

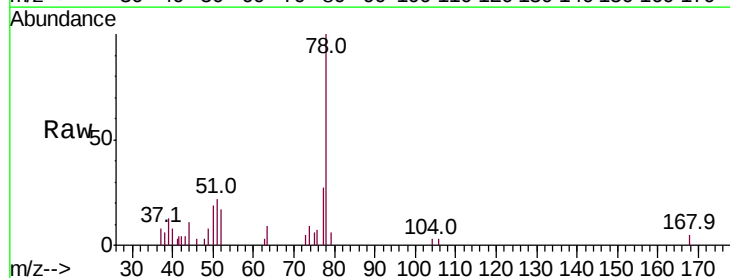


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

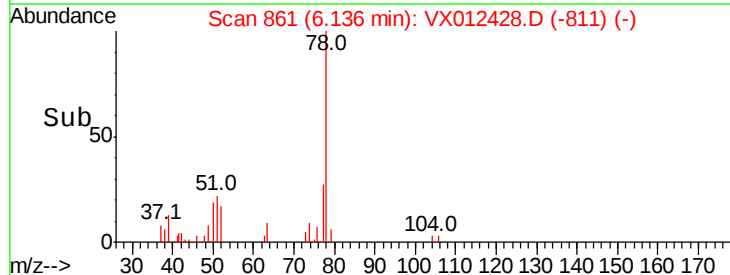
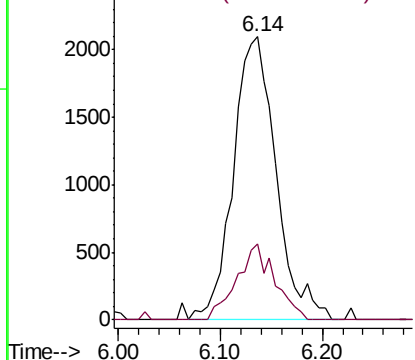


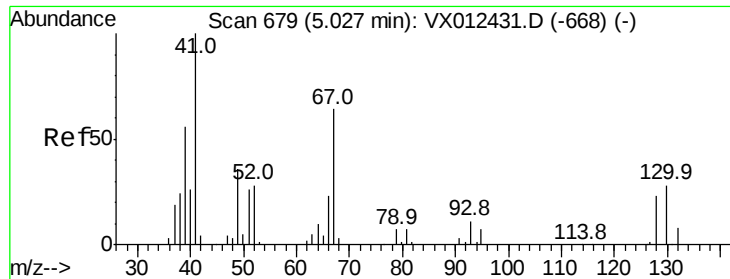
#40
Benzene
Concen: 0.723 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Tgt Ion: 78 Resp: 6107
Ion Ratio Lower Upper
78 100
77 27.0 19.2 28.8



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

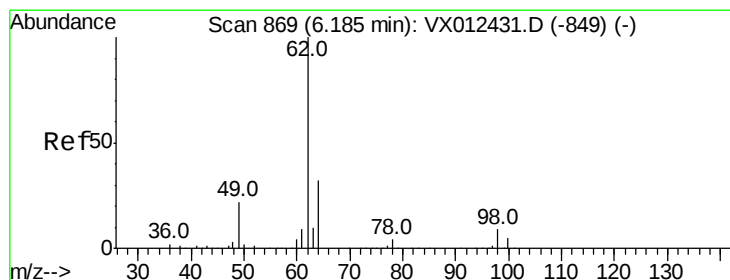
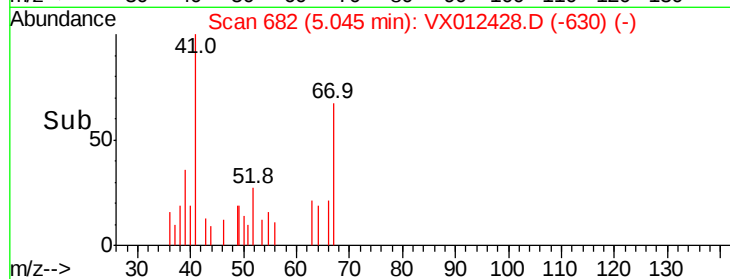
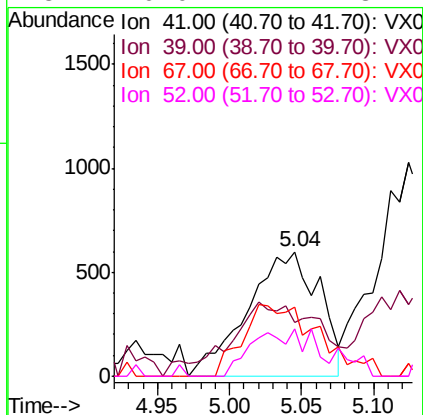
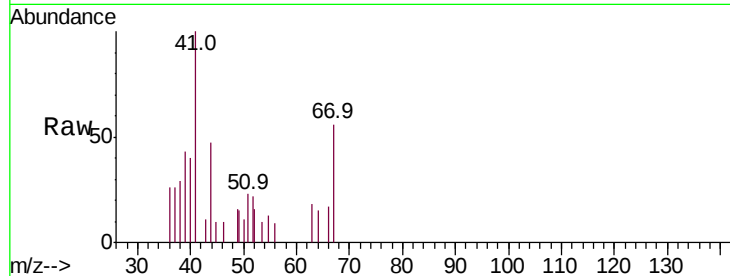




#41
Methacrylonitrile
Concen: 0.854 ug/l
RT: 5.04 min Scan# 682
Delta R.T. 0.02 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

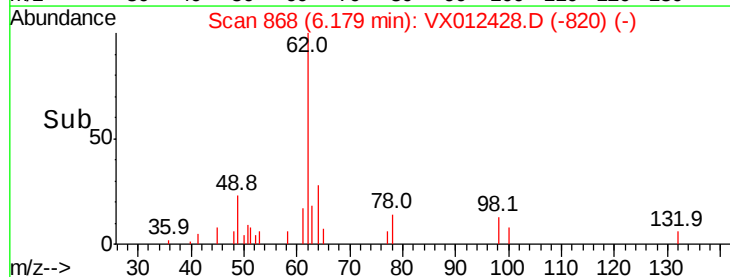
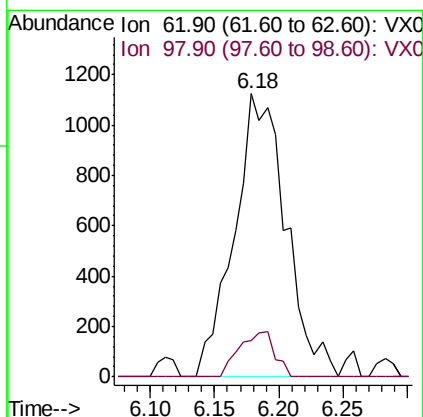
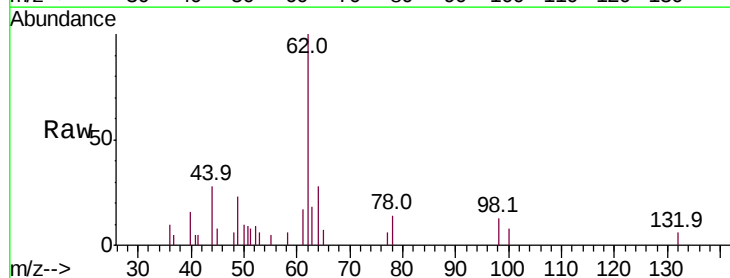
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

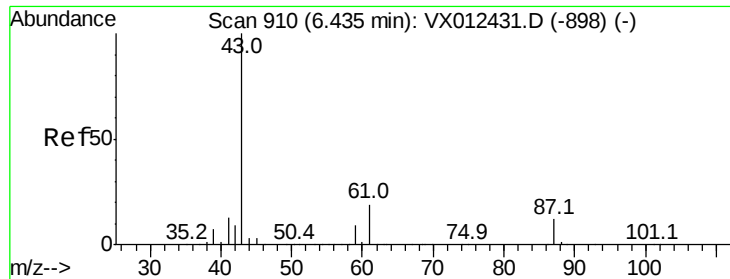
Tot Ion:	41	Resp:	2068
Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.0	69.0#
67	0.0	52.2	78.2#
52	0.0	22.7	34.1#



#42
1,2-Dichloroethane
Concen: 0.810 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Tgt Ion:	62	Resp:	3128
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	17.8



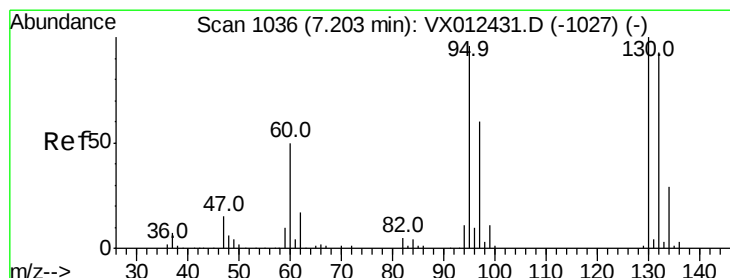
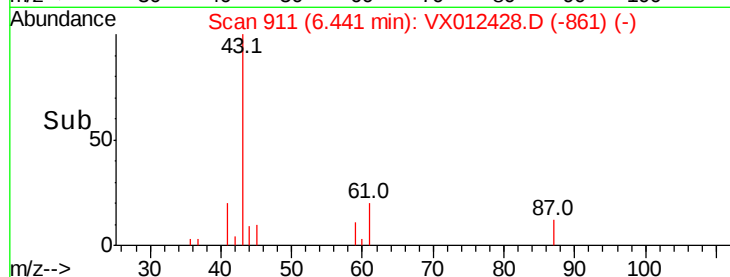
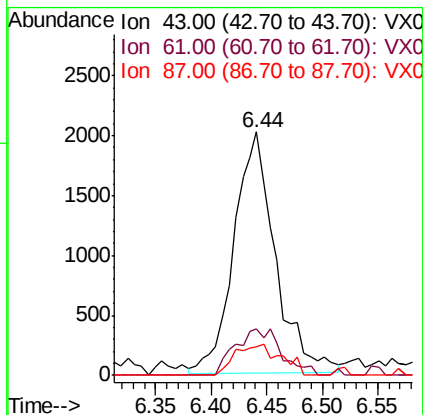
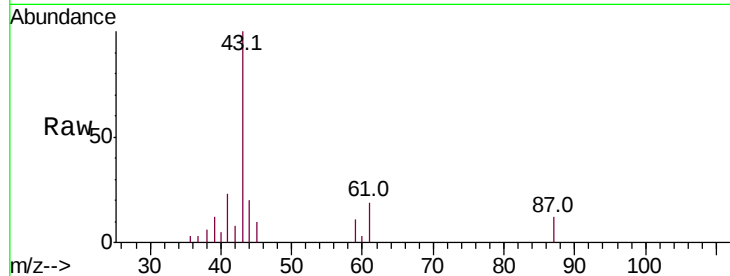


#43

Isopropyl Acetate
 Concen: 0.712 ug/l
 RT: 6.44 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: VX012428.D
 Acq: 17 Sep 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

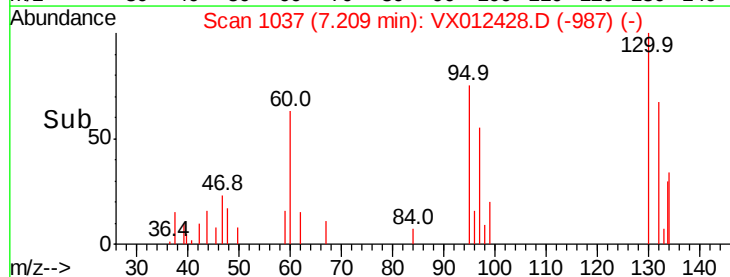
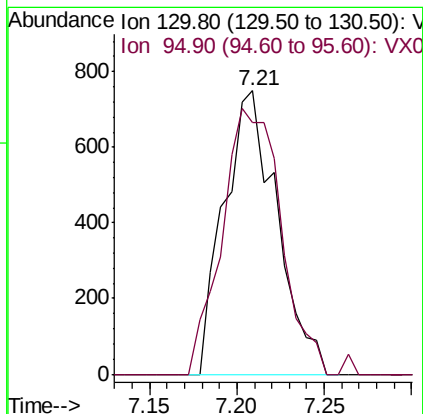
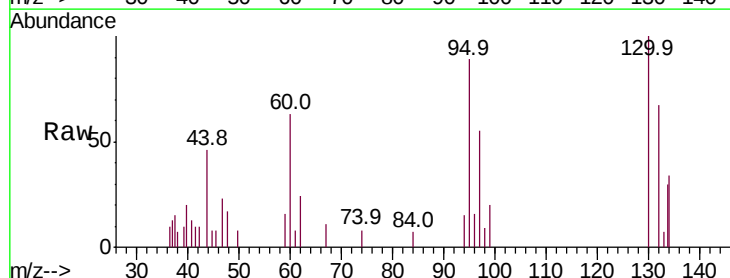
Tot Ion: 43 Resp: 5203
 Ion Ratio Lower Upper
 43 100
 61 21.4 15.4 23.0
 87 14.3 9.8 14.8

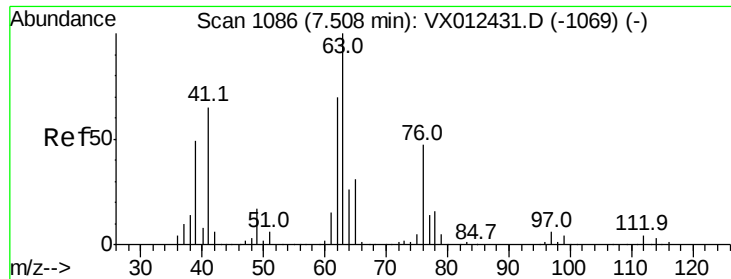


#44

Trichloroethene
 Concen: 0.698 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012428.D
 Acq: 17 Sep 2019 11:59

Tgt Ion: 130 Resp: 1585
 Ion Ratio Lower Upper
 130 100
 95 89.1 0.0 193.0





#45

1,2-Dichloropropane

Concen: 0.803 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

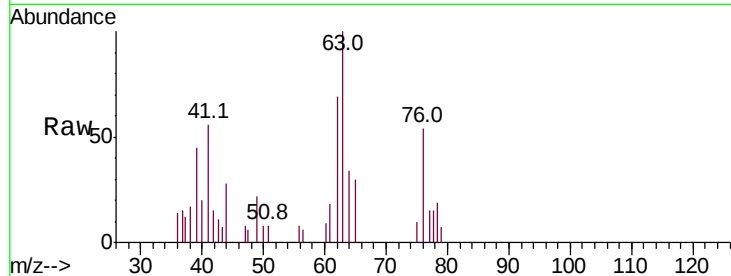
VSTDIC001

Tot Ion: 63 Resp: 2088

Ion Ratio Lower Upper

63 100

65 29.6 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.50

800

600

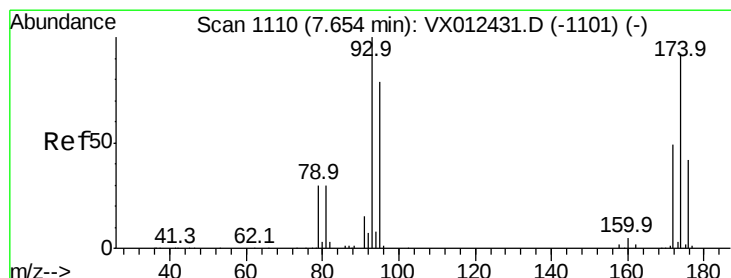
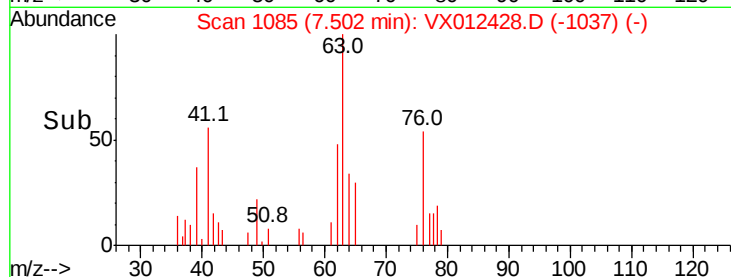
400

200

0

7.45 7.50 7.55 7.60

Time-->



#46

Dibromomethane

Concen: 0.719 ug/l

RT: 7.66 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

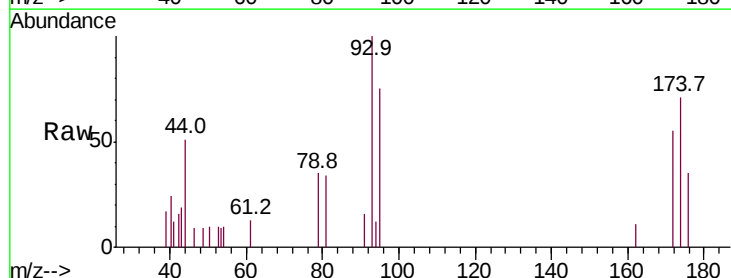
Tgt Ion: 93 Resp: 1242

Ion Ratio Lower Upper

93 100

95 79.9 66.6 100.0

174 82.4 77.4 116.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

800

600

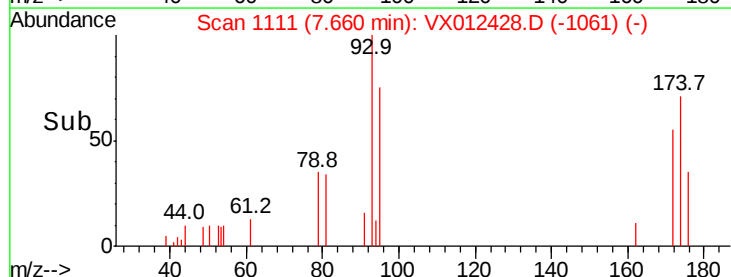
400

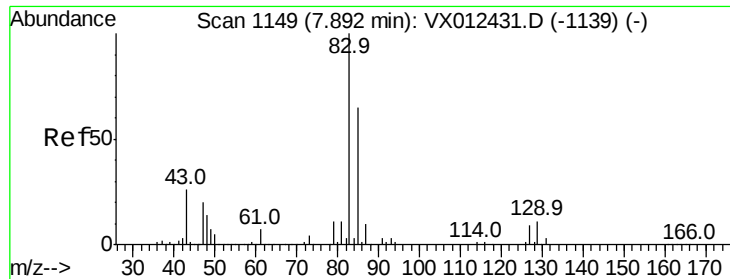
200

0

7.60 7.65 7.70

Time-->





#47

Bromodichloromethane

Concen: 0.665 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

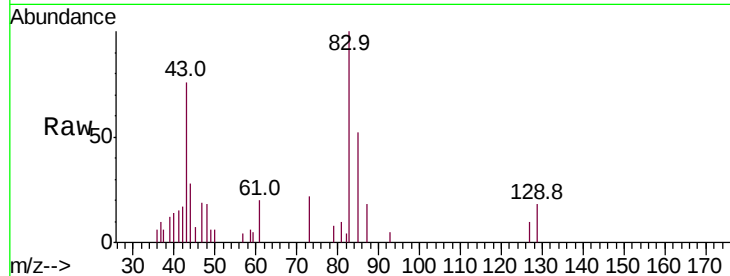
Tot Ion: 83 Resp: 2558

Ion Ratio Lower Upper

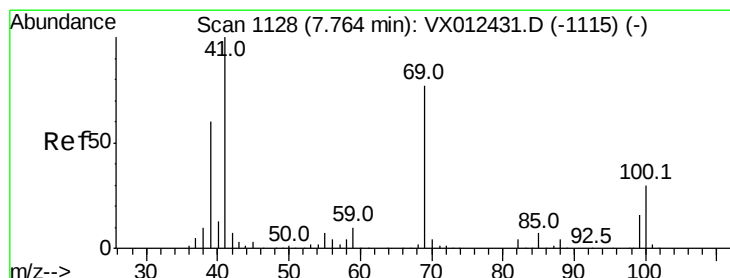
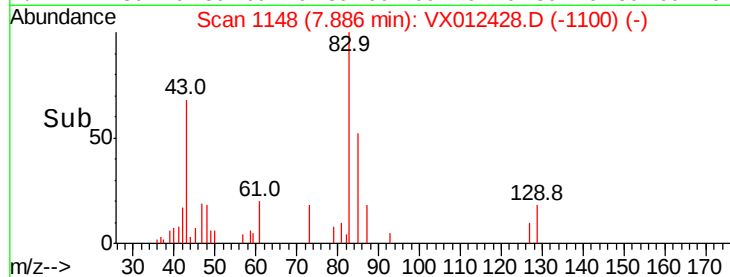
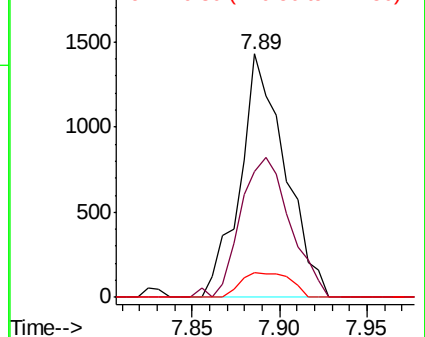
83 100

85 51.9 51.8 77.6

127 10.1 7.3 10.9



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: 0.763 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

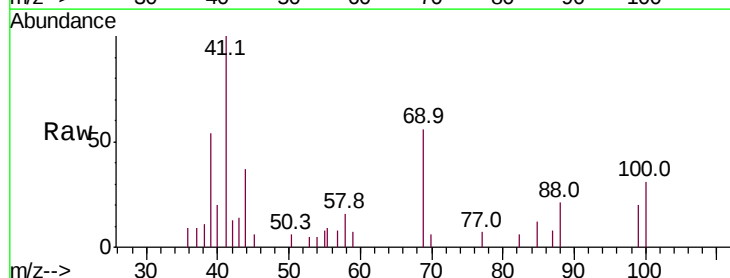
Tgt Ion: 41 Resp: 2475

Ion Ratio Lower Upper

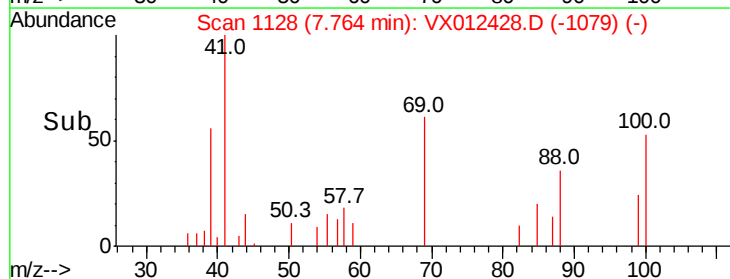
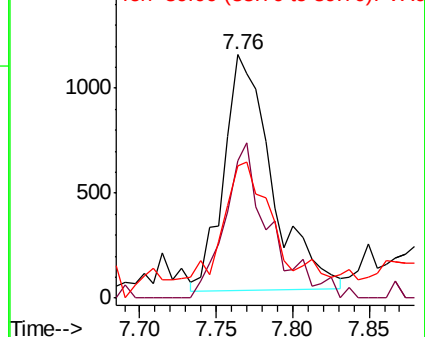
41 100

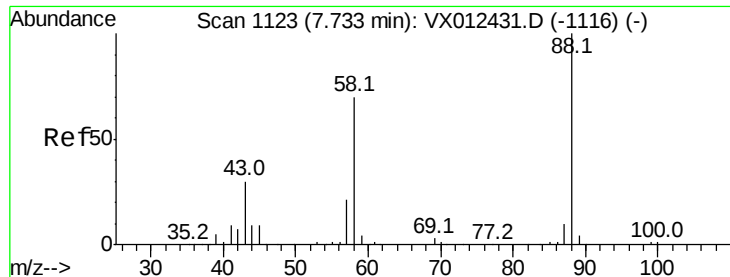
69 61.6 59.9 89.9

39 44.0 47.8 71.6#



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: 15.609 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

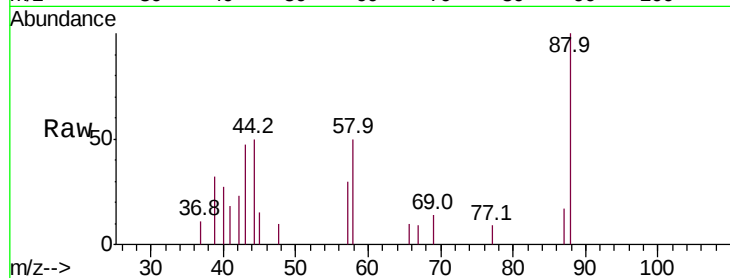
Tot Ion: 88 Resp: 1292

Ion Ratio Lower Upper

88 100

43 19.3 29.4 44.0#

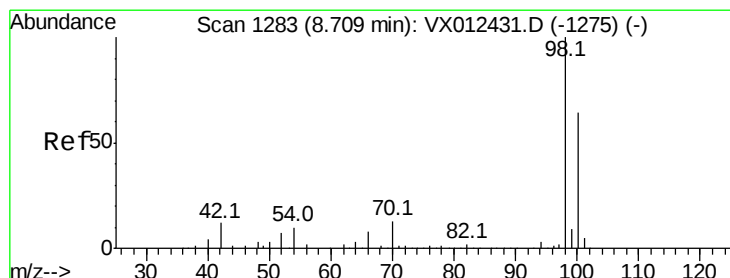
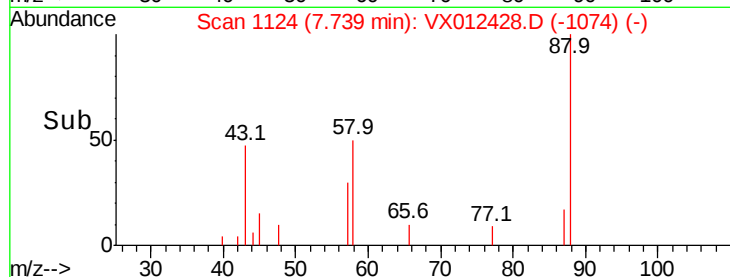
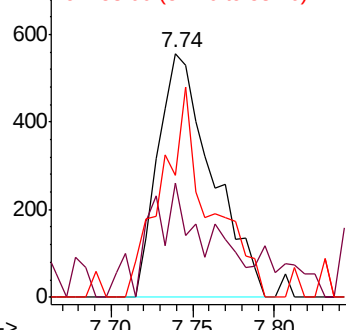
58 75.9 57.5 86.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 0.932 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012428.D

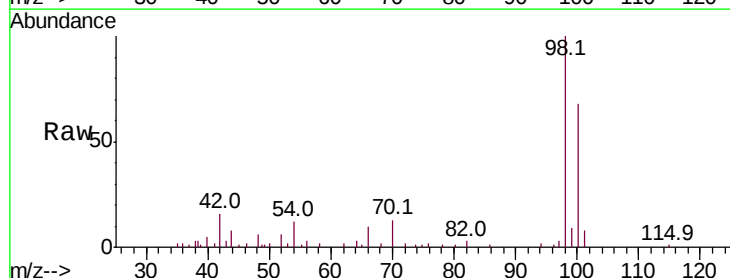
Acq: 17 Sep 2019 11:59

Tgt Ion: 98 Resp: 9263

Ion Ratio Lower Upper

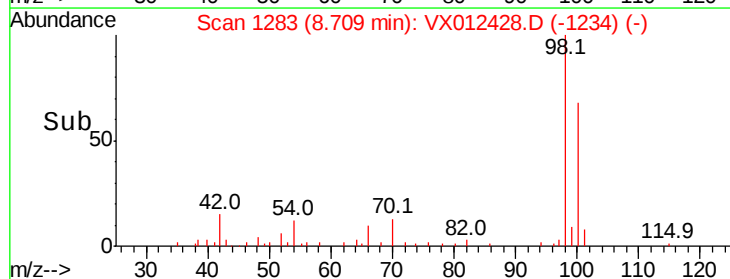
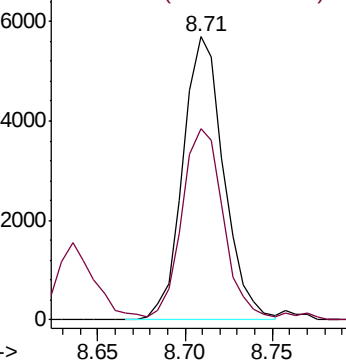
98 100

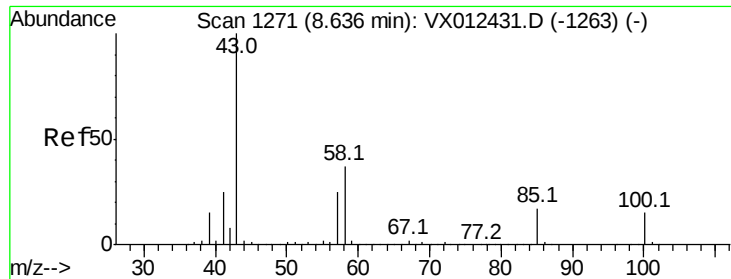
100 68.8 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

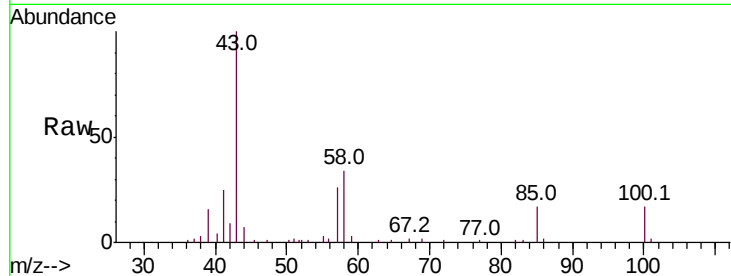




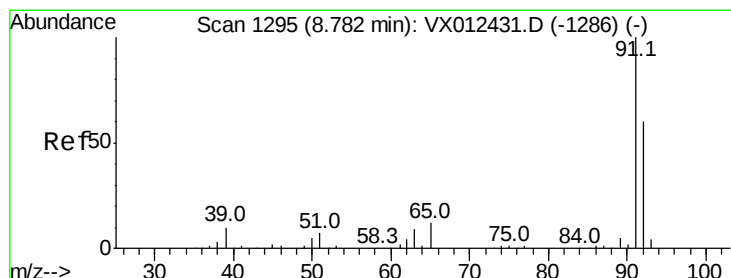
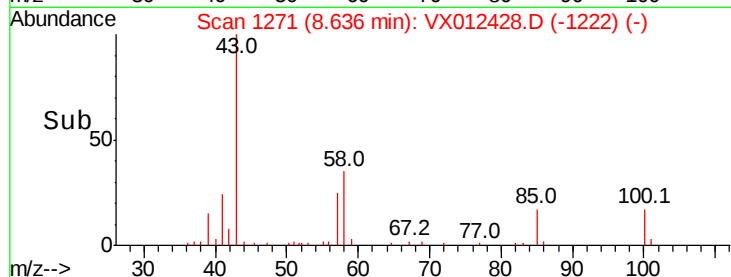
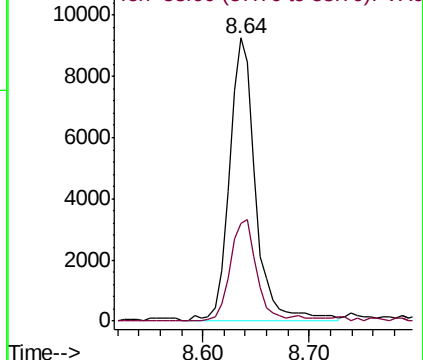
#51
4-Methyl-2-Pentanone
Concen: 3.374 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 15948
Ion Ratio Lower Upper
43 100
58 37.1 29.8 44.6

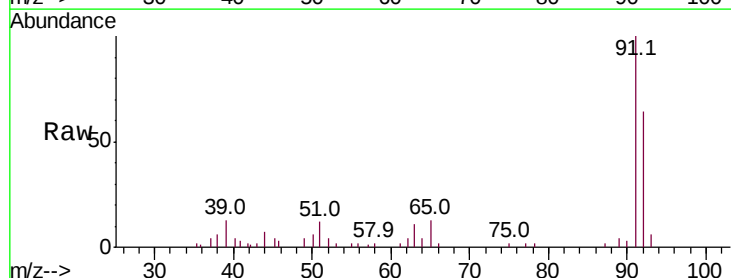


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

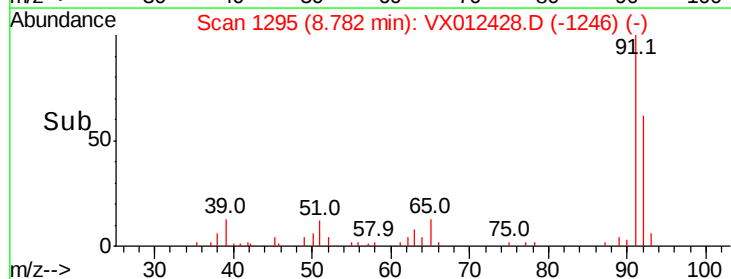
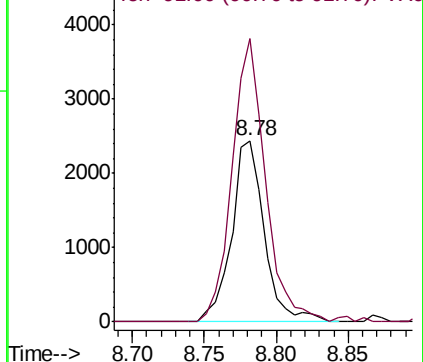


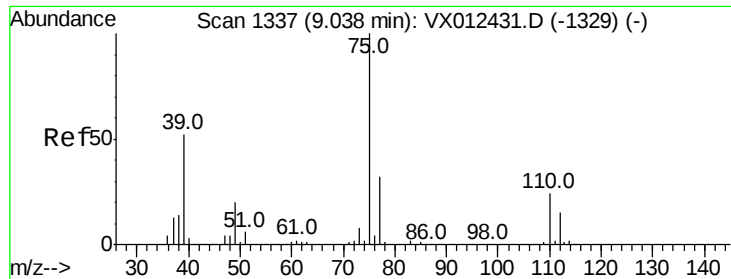
#52
Toluene
Concen: 0.706 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Tgt Ion: 92 Resp: 3879
Ion Ratio Lower Upper
92 100
91 159.0 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0

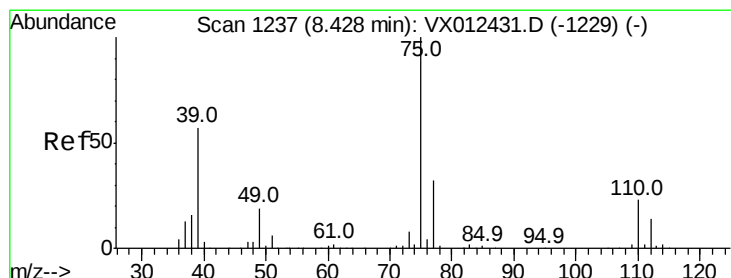
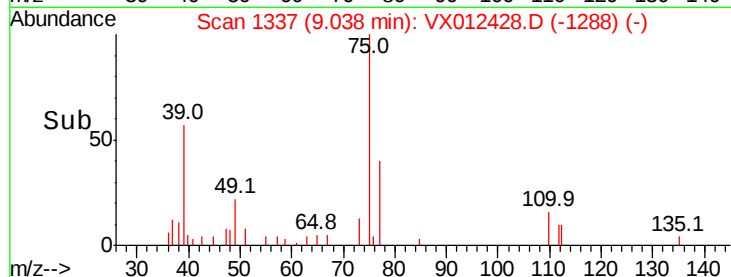
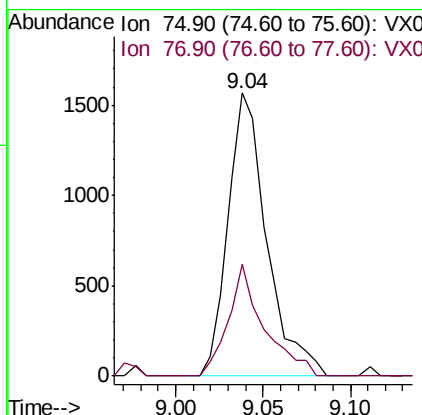
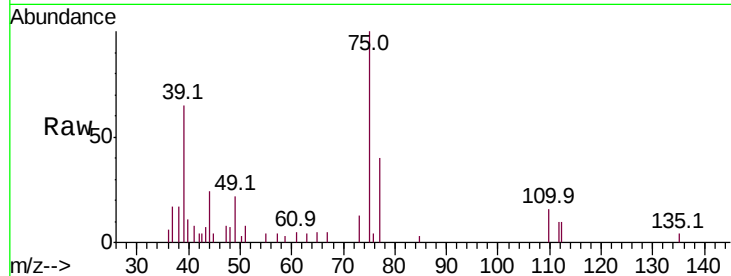




#53
 t-1,3-Dichloropropene
 Concen: 0.607 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012428.D
 Acq: 17 Sep 2019 11:59

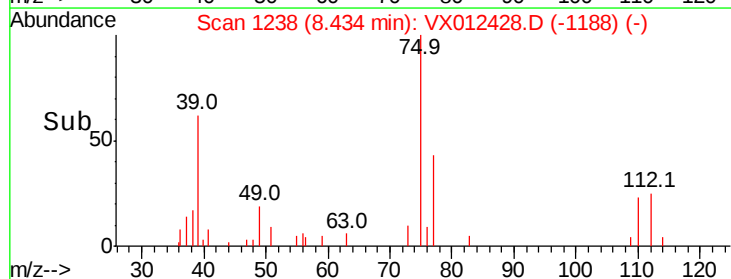
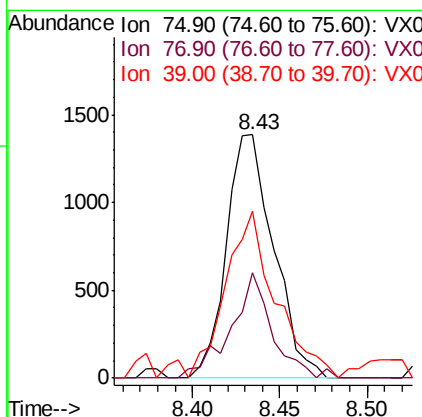
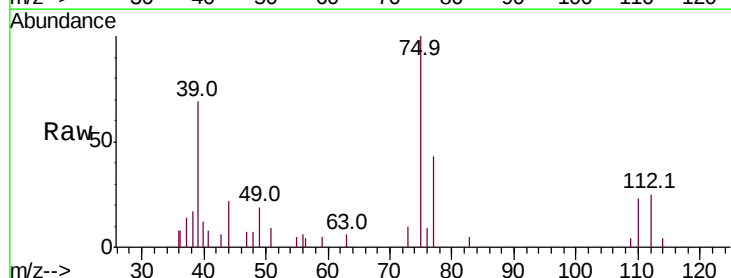
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

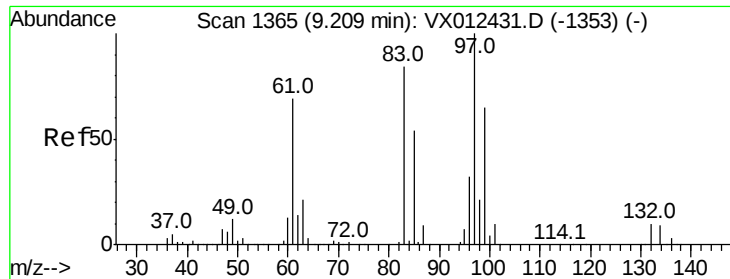
Tot Ion: 75 Resp: 2420
 Ion Ratio Lower Upper
 75 100
 77 39.6 25.2 37.8#



#54
 cis-1,3-Dichloropropene
 Concen: 0.631 ug/l
 RT: 8.43 min Scan# 1238
 Delta R.T. 0.01 min
 Lab File: VX012428.D
 Acq: 17 Sep 2019 11:59

Tgt Ion: 75 Resp: 2607
 Ion Ratio Lower Upper
 75 100
 77 43.0 25.8 38.8#
 39 68.6 45.5 68.3#



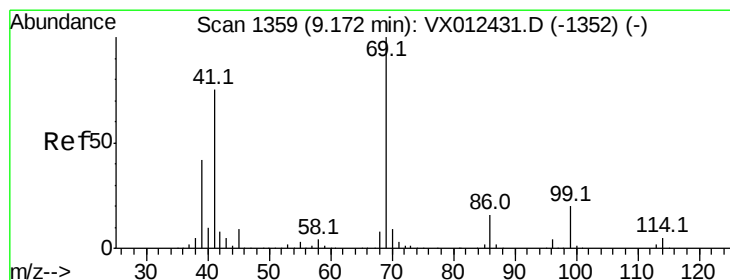
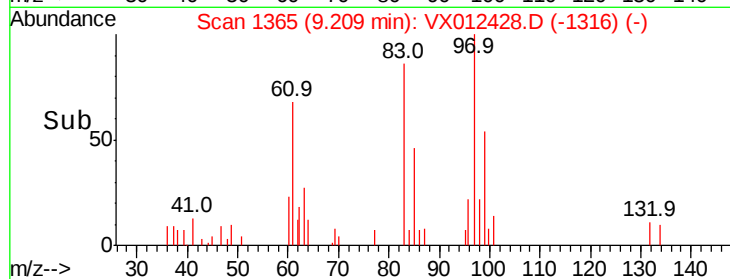
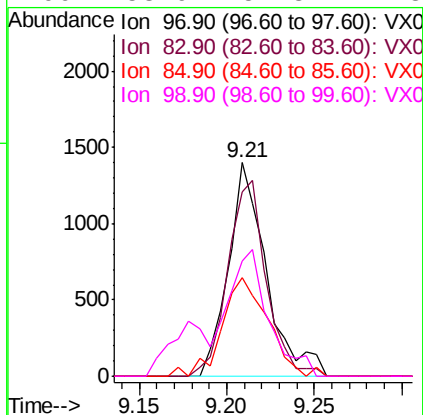
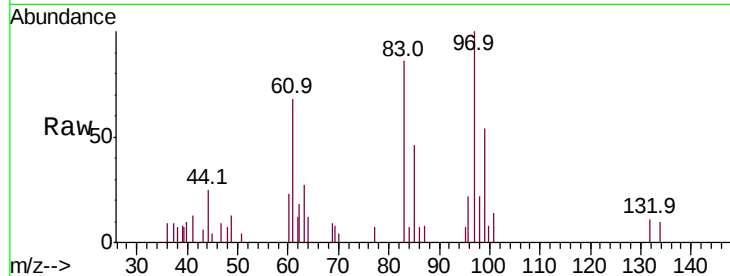


#55
 1,1,2-Trichloroethane
 Concen: 0.729 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012428.D
 Acq: 17 Sep 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 97 Resp: 2119

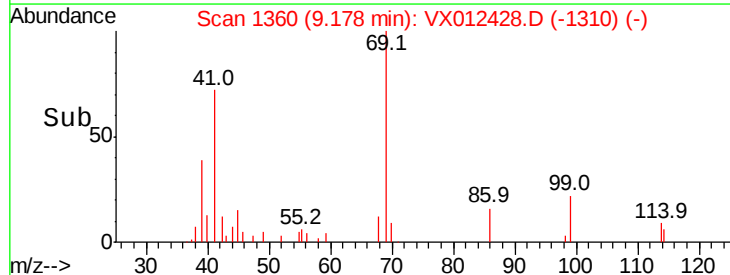
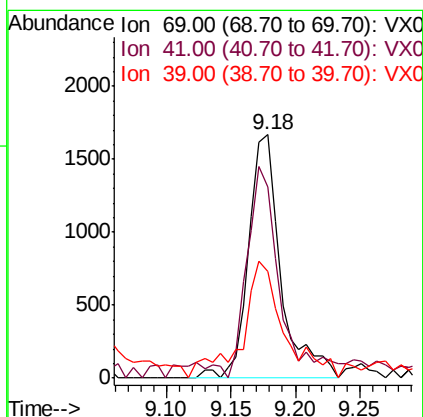
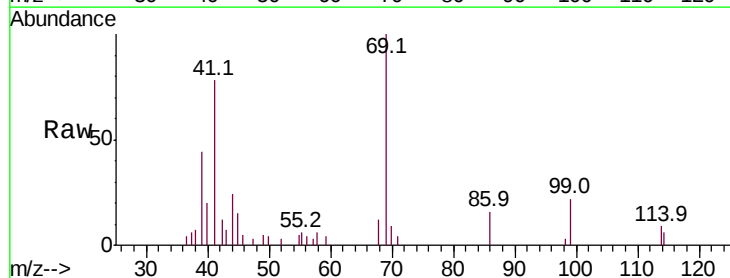
Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.4	101.2
85	45.9	43.5	65.3
99	53.9	51.8	77.8

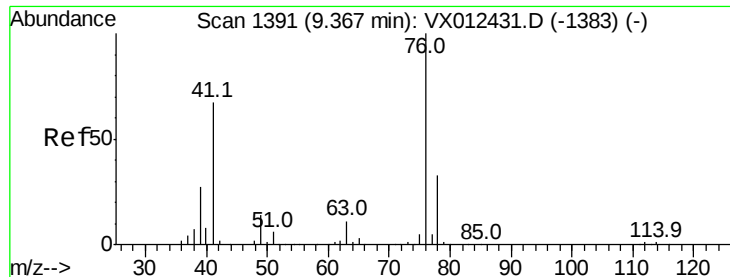


#56
 Ethyl methacrylate
 Concen: 0.660 ug/l
 RT: 9.18 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: VX012428.D
 Acq: 17 Sep 2019 11:59

Tgt Ion: 69 Resp: 2883

Ion	Ratio	Lower	Upper
69	100		
41	87.3	58.4	87.6
39	61.7	33.4	50.0#





#57

1,3-Dichloropropane

Concen: 0.686 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

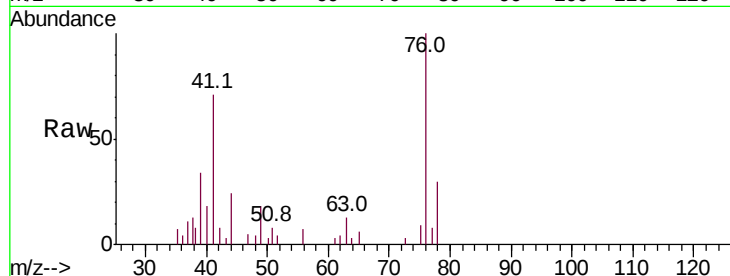
VSTDIC001

Tot Ion: 76 Resp: 3156

Ion Ratio Lower Upper

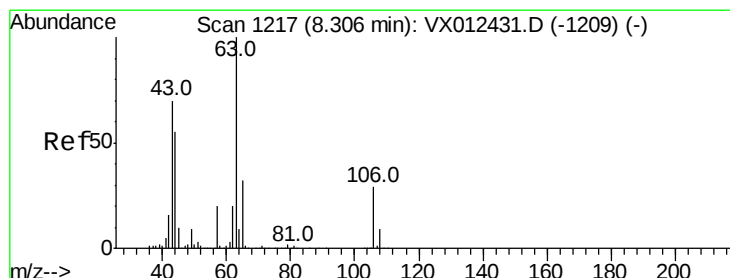
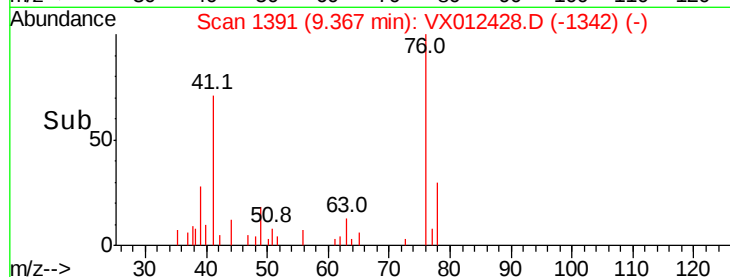
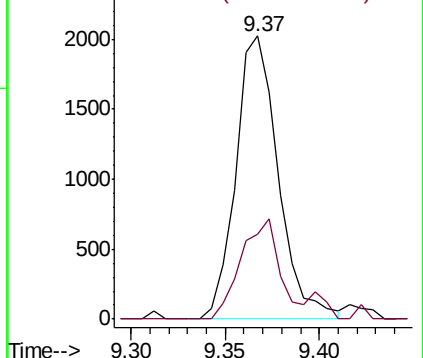
76 100

78 32.6 26.2 39.2



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: 3.017 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012428.D

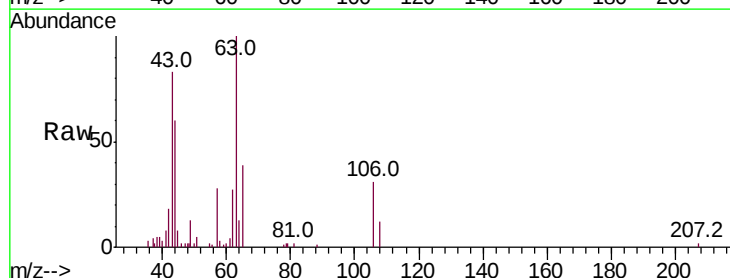
Acq: 17 Sep 2019 11:59

Tgt Ion: 63 Resp: 7026

Ion Ratio Lower Upper

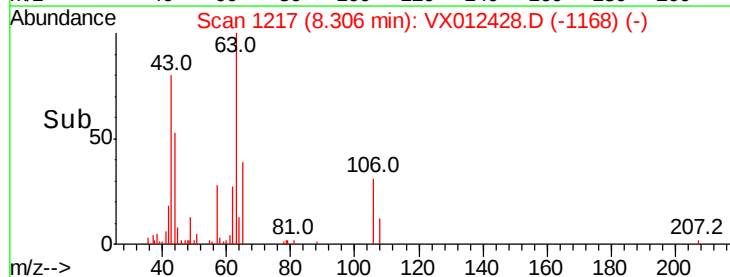
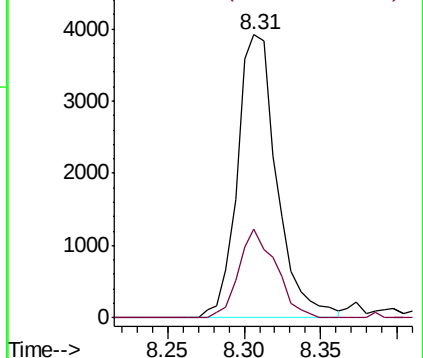
63 100

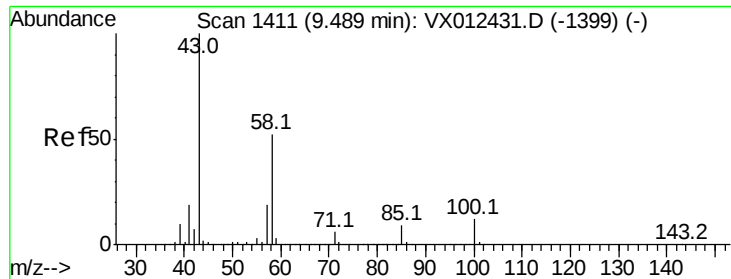
106 29.5 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

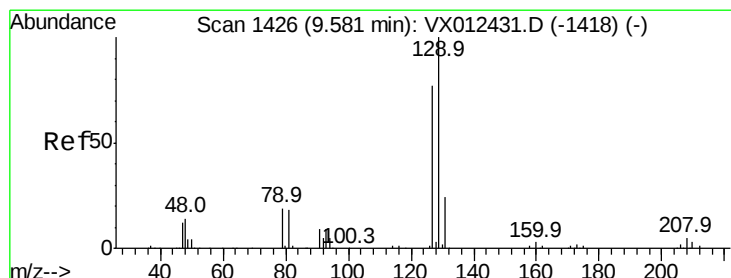
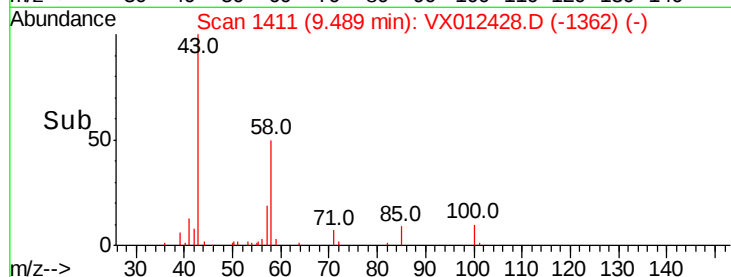
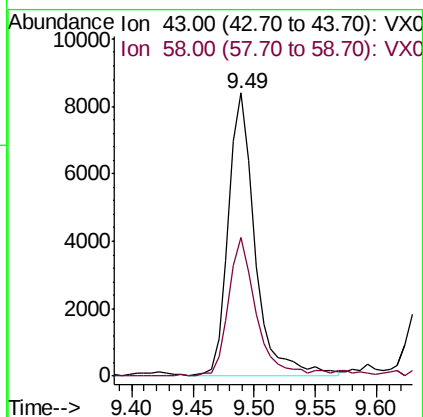
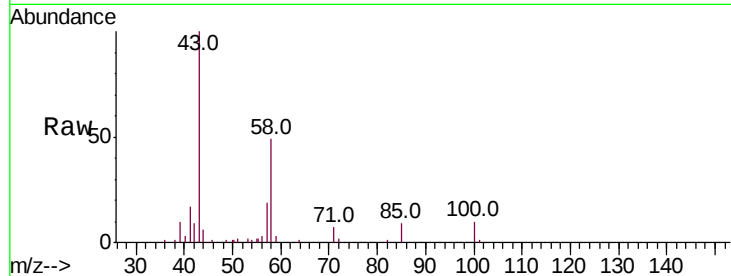




#59
2-Hexanone
Concen: 3.499 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

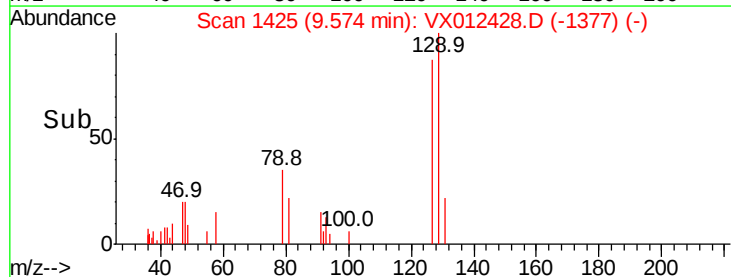
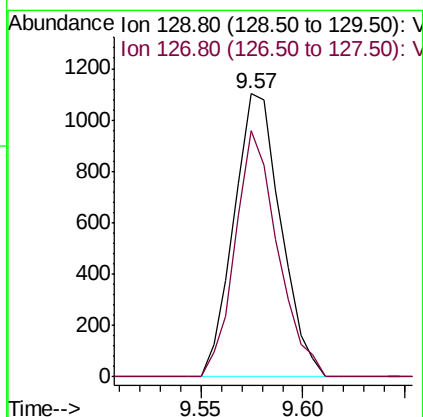
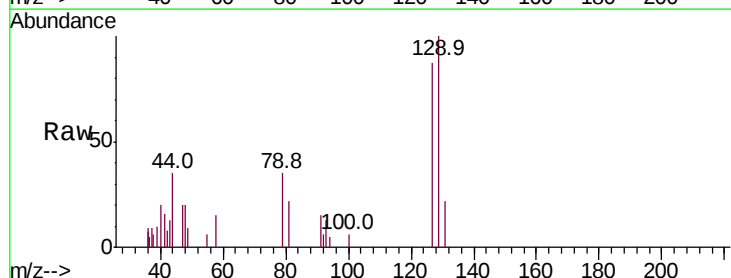
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

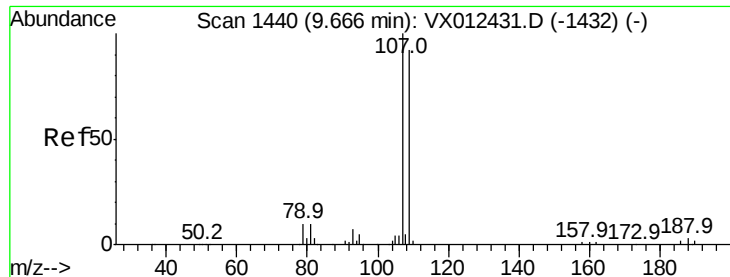
Tot Ion: 43 Resp: 12786
Ion Ratio Lower Upper
43 100
58 49.6 25.7 77.1



#60
Dibromochloromethane
Concen: 0.592 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Tgt Ion: 129 Resp: 1759
Ion Ratio Lower Upper
129 100
127 79.0 38.9 116.6





#61

1,2-Dibromoethane

Concen: 0.602 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

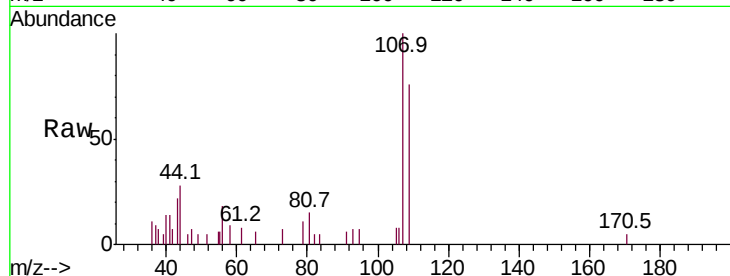
VSTDIC001

Tot Ion: 107 Resp: 1606

Ion Ratio Lower Upper

107 100

109 101.6 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

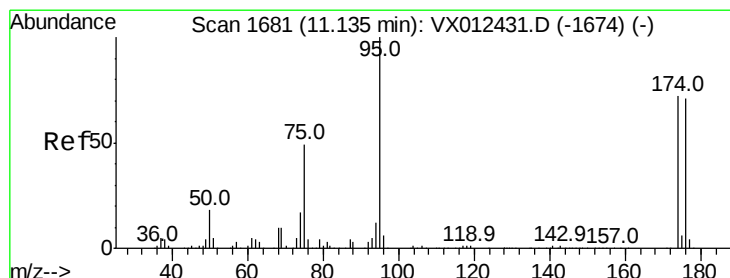
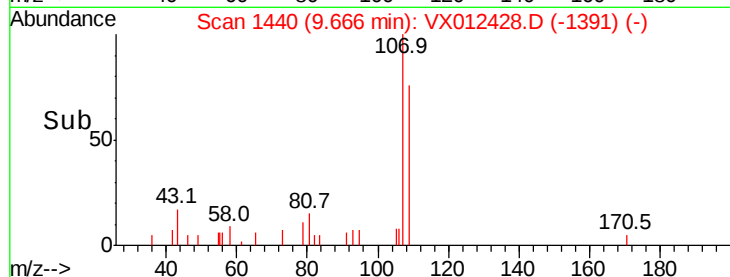
9.67

1000

500

0

Time--> 9.60 9.65 9.70



#62

4-Bromofluorobenzene

Concen: 0.873 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

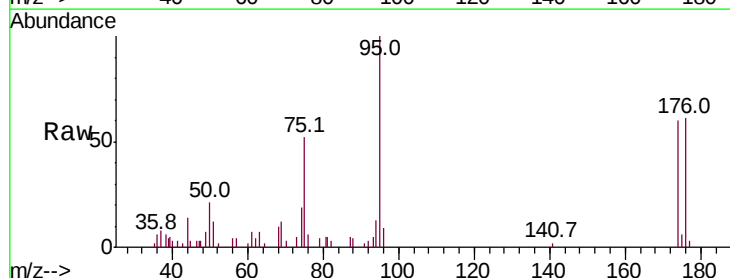
Tgt Ion: 95 Resp: 3676

Ion Ratio Lower Upper

95 100

174 69.2 0.0 140.0

176 60.6 0.0 135.4



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

11.14

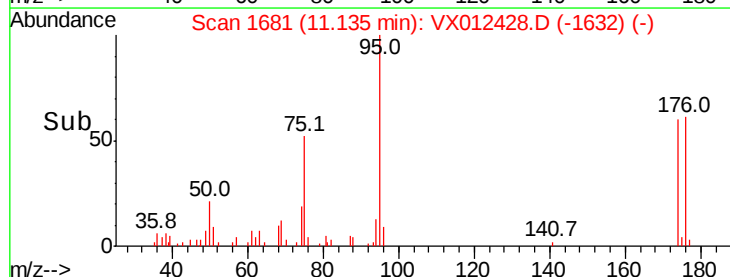
3000

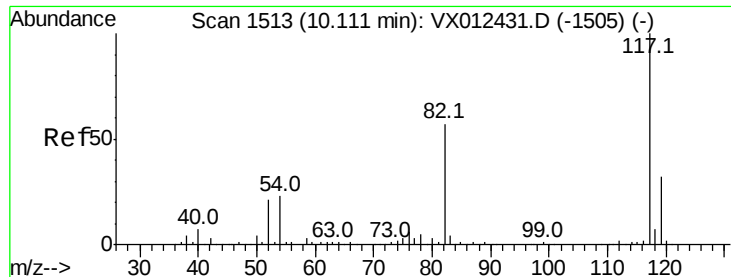
2000

1000

0

Time--> 11.05 11.10 11.15 11.20

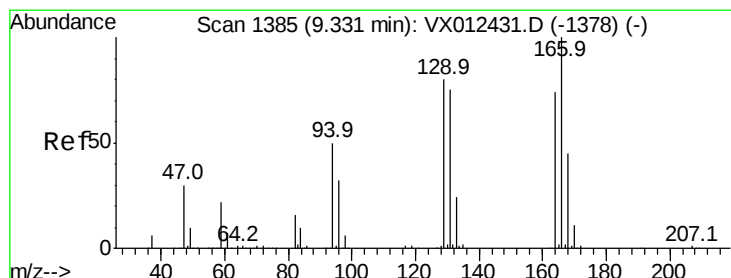
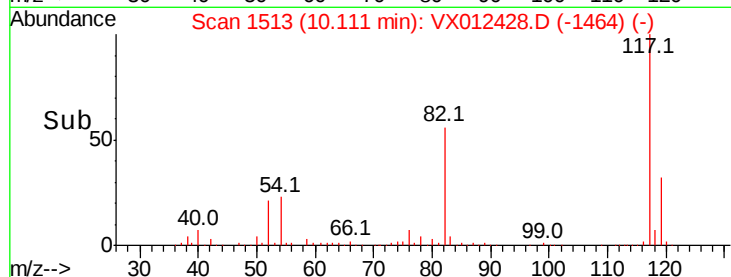
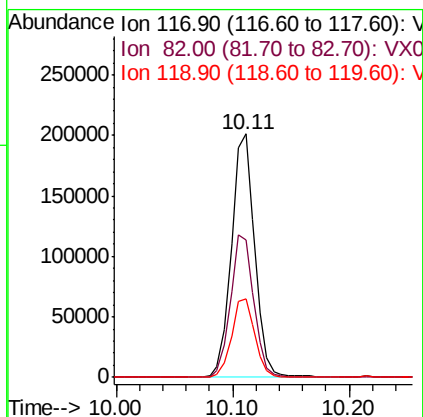
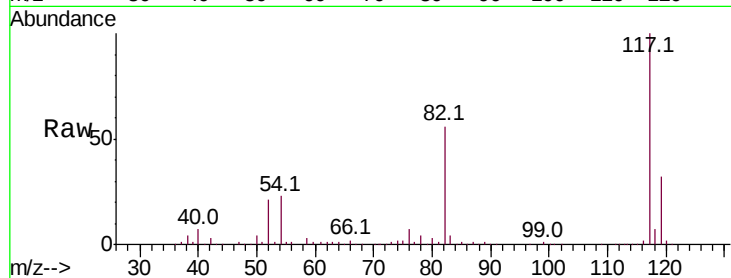




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

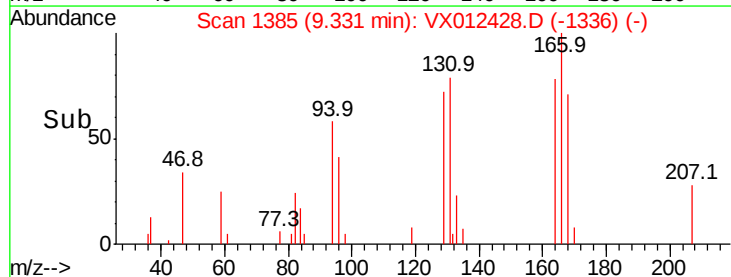
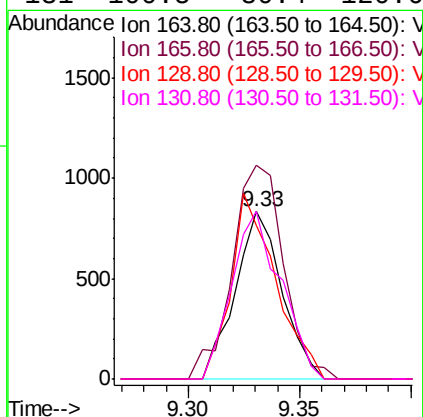
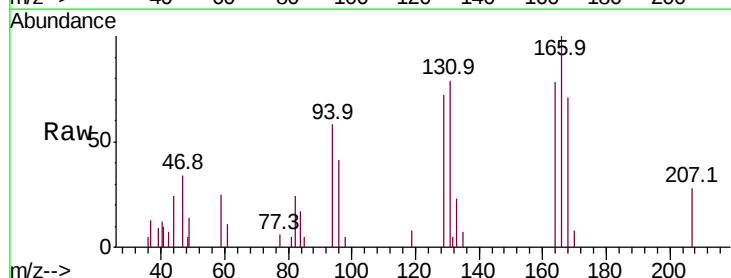
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

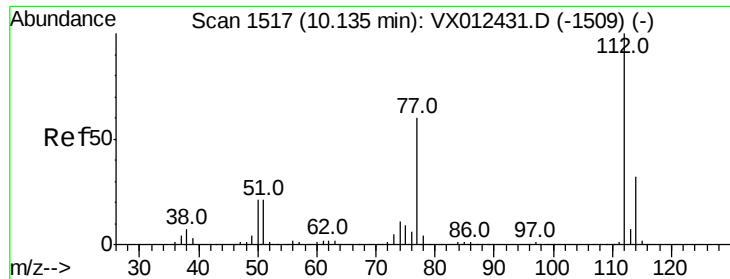
Tot Ion:117 Resp: 278672
Ion Ratio Lower Upper
117 100
82 56.4 45.9 68.9
119 32.0 25.3 37.9



#64
Tetrachloroethene
Concen: 0.699 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Tgt Ion:164 Resp: 1219
Ion Ratio Lower Upper
164 100
166 127.6 107.8 161.6
129 91.6 86.2 129.2
131 100.5 80.4 120.6





#65

Chlorobenzene

Concen: 0.787 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

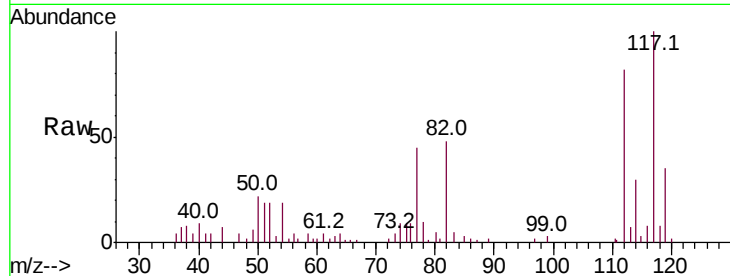
VSTDIC001

Tot Ion:112 Resp: 4827

Ion Ratio Lower Upper

112 100

114 36.6 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

4000

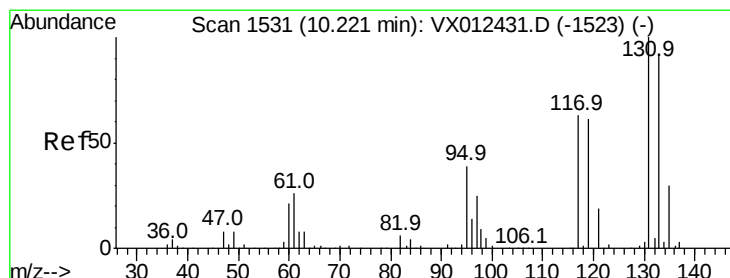
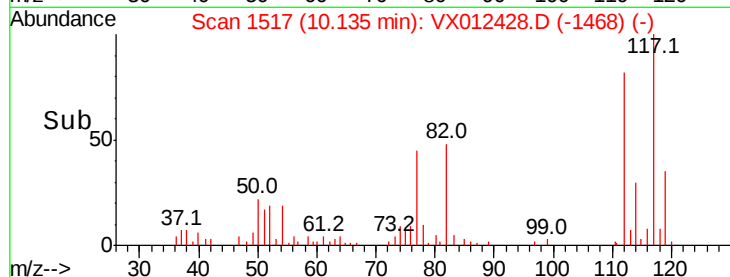
3000

2000

1000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 0.690 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

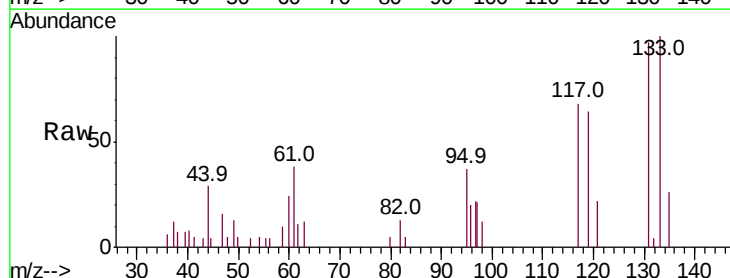
Tgt Ion:131 Resp: 1793

Ion Ratio Lower Upper

131 100

133 104.5 47.6 142.9

119 0.0 31.3 93.8#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

2000

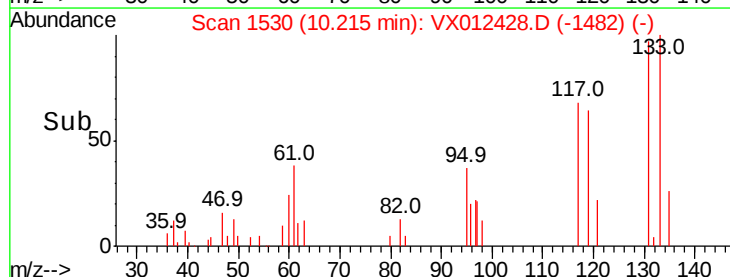
1500

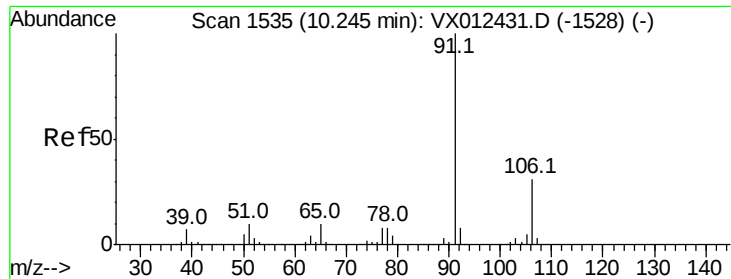
1000

500

0

Time-->

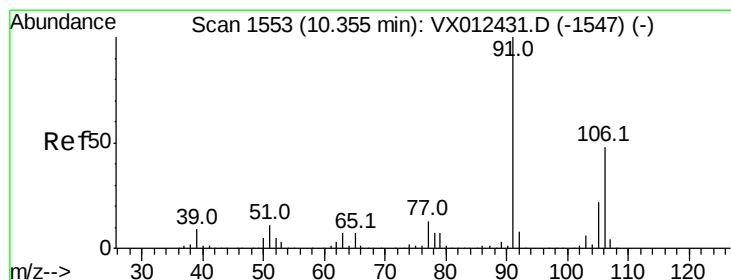
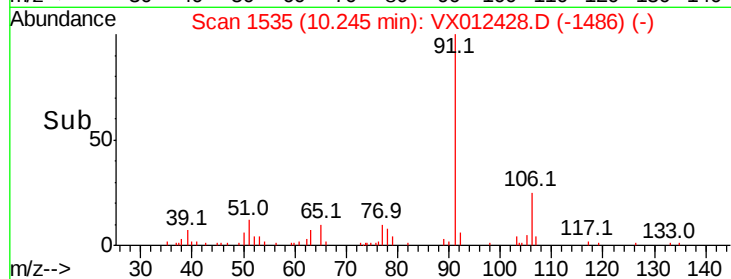
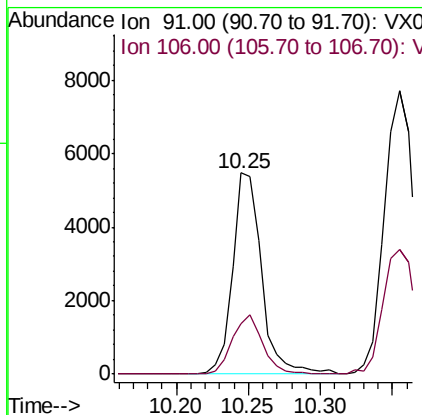
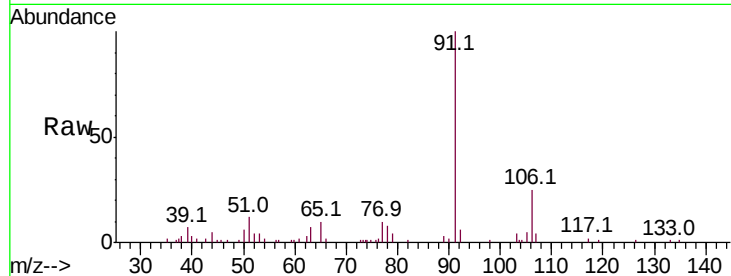




#67
Ethyl Benzene
Concen: 0.736 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

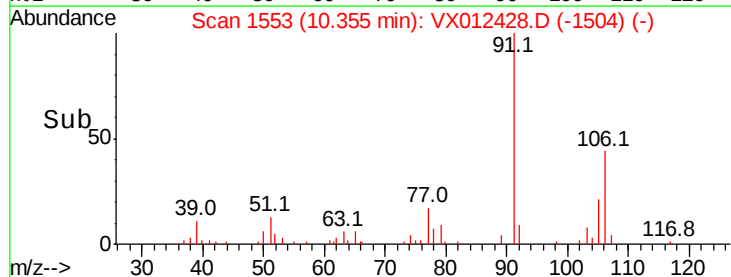
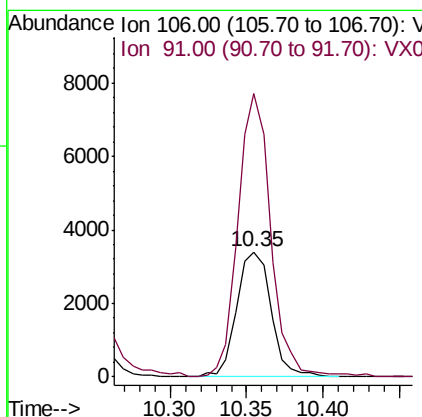
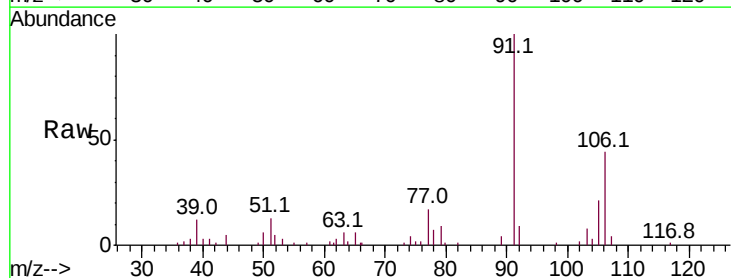
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

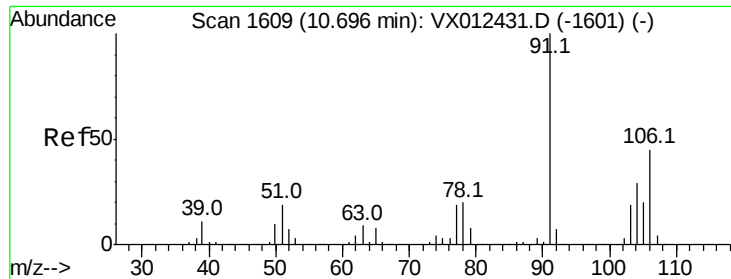
Tot Ion: 91 Resp: 7725
Ion Ratio Lower Upper
91 100
106 24.9 24.6 37.0



#68
m/p-Xylenes
Concen: 1.377 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Tgt Ion: 106 Resp: 5328
Ion Ratio Lower Upper
106 100
91 216.1 166.6 250.0

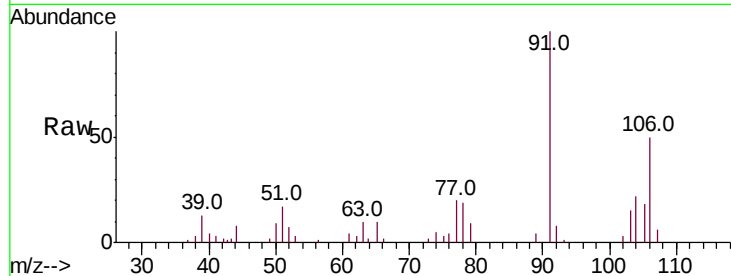




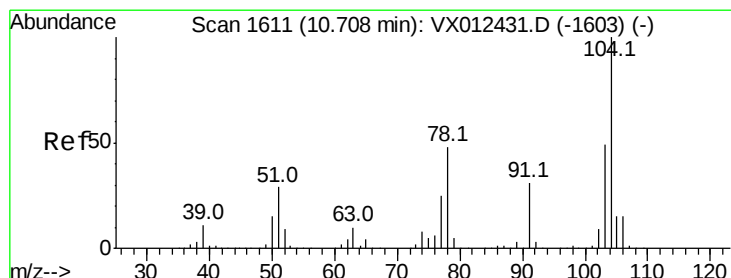
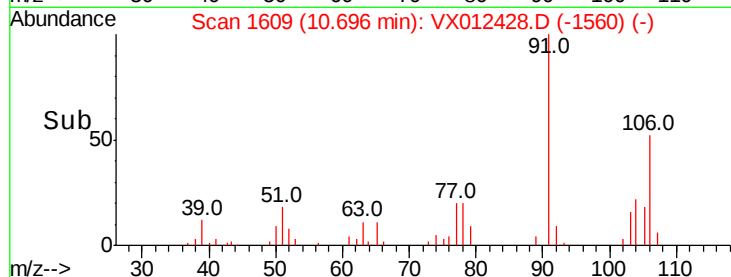
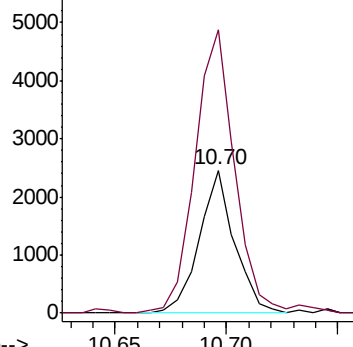
#69
o-Xylene
Concen: 0.676 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion:106 Resp: 2713
Ion Ratio Lower Upper
106 100
91 225.1 109.4 328.2

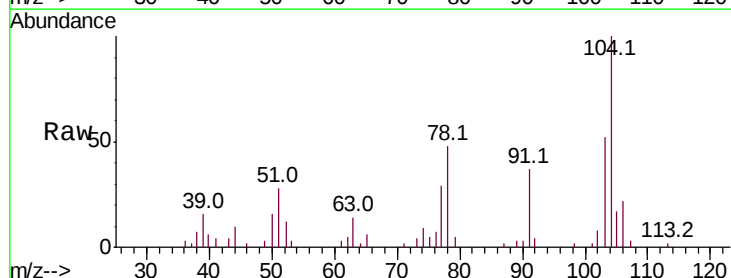


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

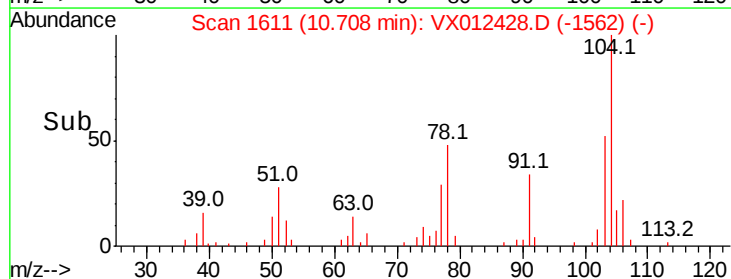
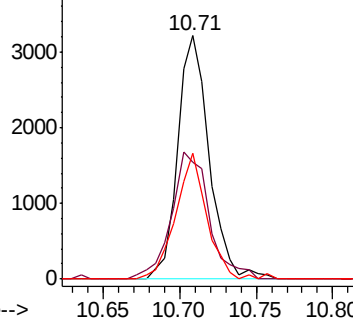


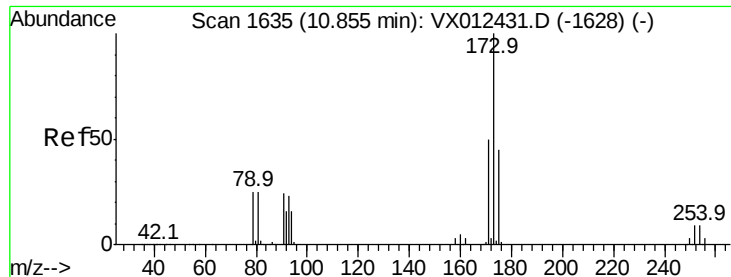
#70
Styrene
Concen: 0.659 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Tgt Ion:104 Resp: 4585
Ion Ratio Lower Upper
104 100
78 62.2 43.4 65.2
103 50.8 43.3 64.9



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

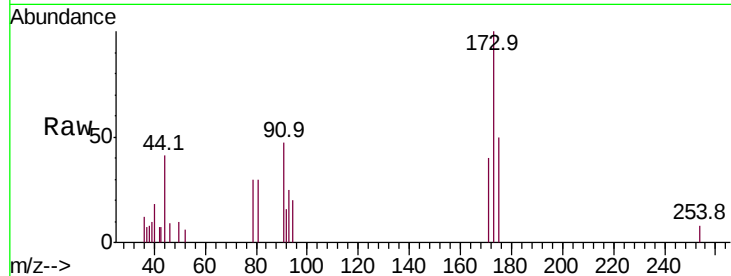




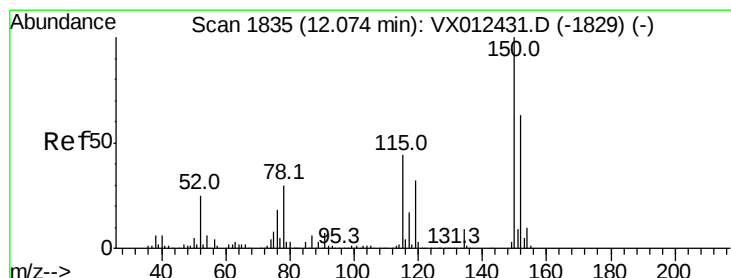
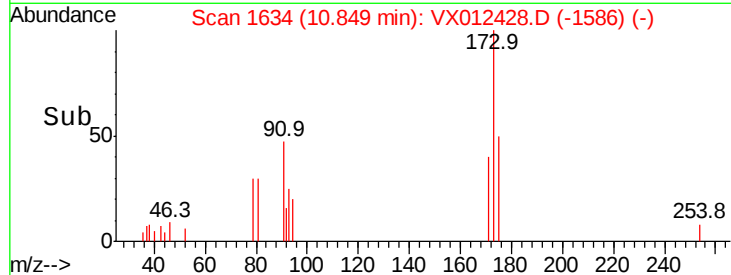
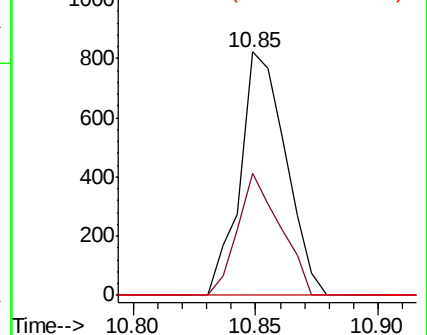
#71
Bromoform
Concen: 0.535 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion:173 Resp: 1067
Ion Ratio Lower Upper
173 100
175 46.9 23.7 71.1
254 0.0 0.1 0.1#

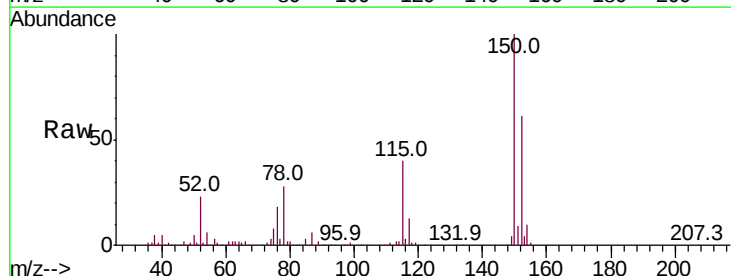


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

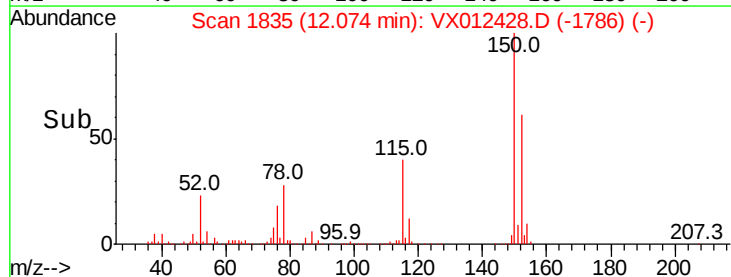
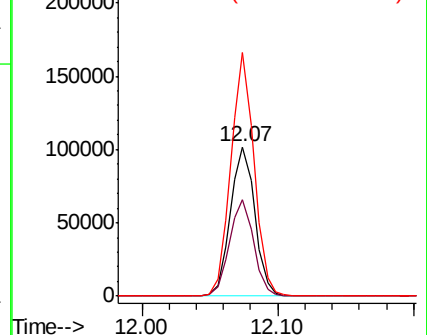


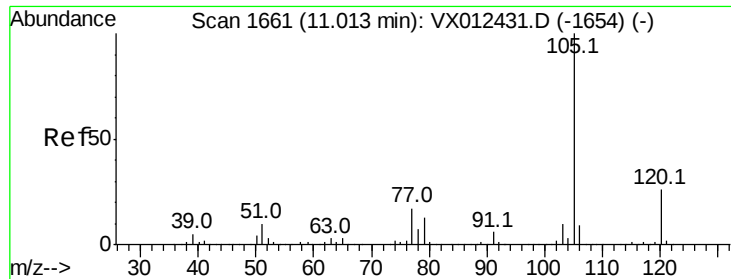
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Tgt Ion:152 Resp: 126969
Ion Ratio Lower Upper
152 100
115 63.8 44.1 132.3
150 154.5 0.0 343.8



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: 0.900 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

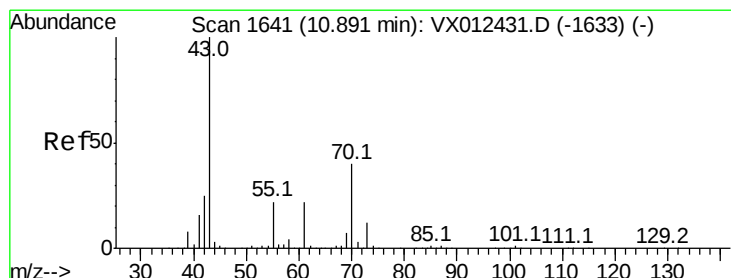
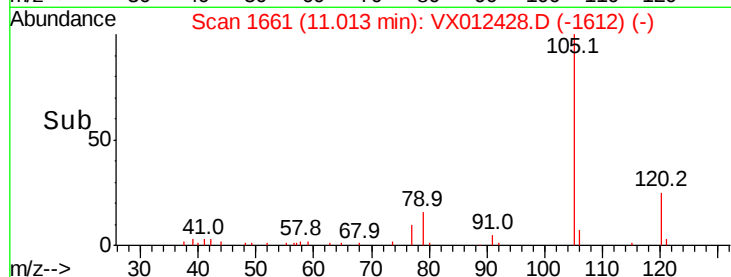
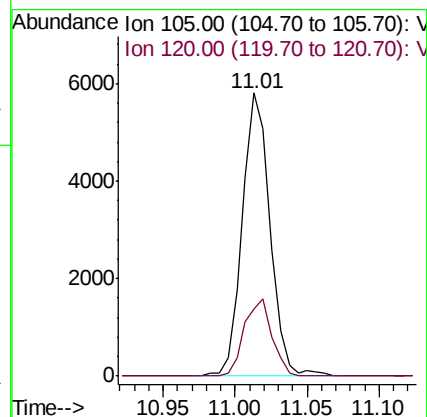
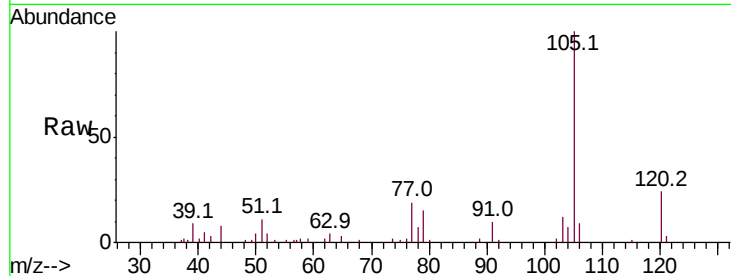
VSTDIC001

Tot Ion:105 Resp: 7771

Ion Ratio Lower Upper

105 100

120 27.1 12.9 38.7



#74

N-ethyl acetate

Concen: 0.832 ug/l

RT: 10.90 min Scan# 1642

Delta R.T. 0.01 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Tgt Ion: 43 Resp: 3826

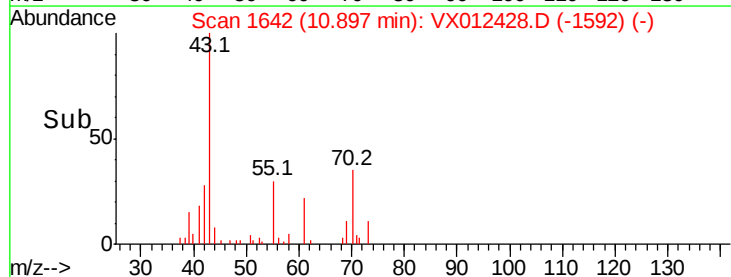
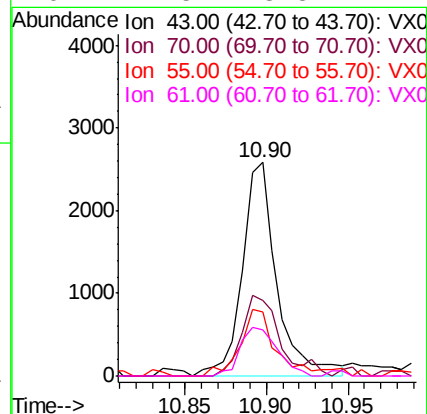
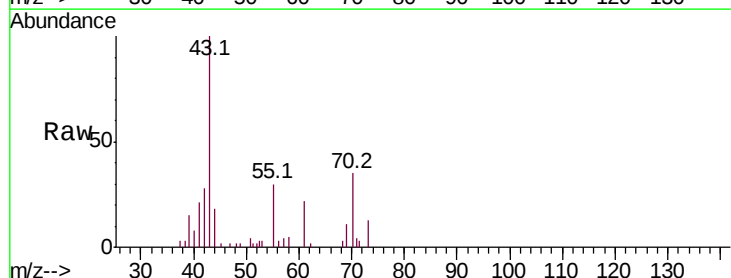
Ion Ratio Lower Upper

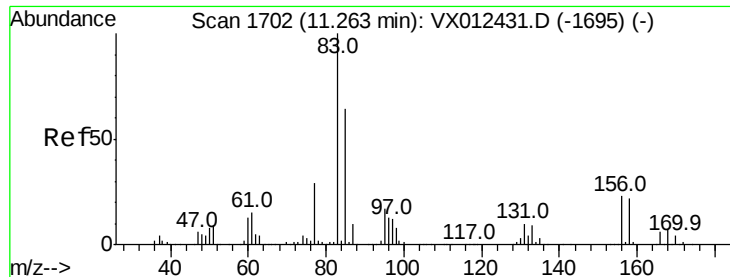
43 100

70 41.3 32.4 48.6

55 33.9 18.2 27.4

61 24.5 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 0.880 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

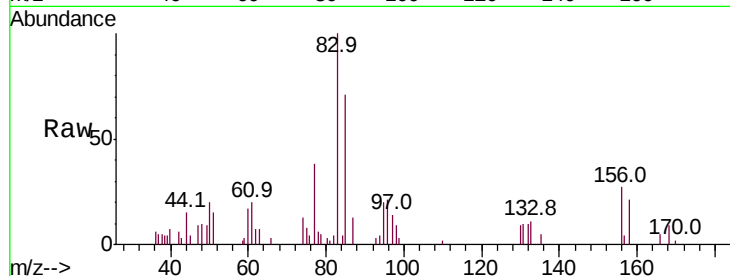
Tot Ion: 83 Resp: 3042

Ion Ratio Lower Upper

83 100

131 11.4 5.2 15.6

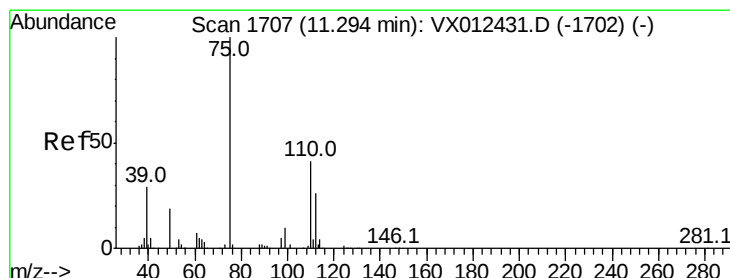
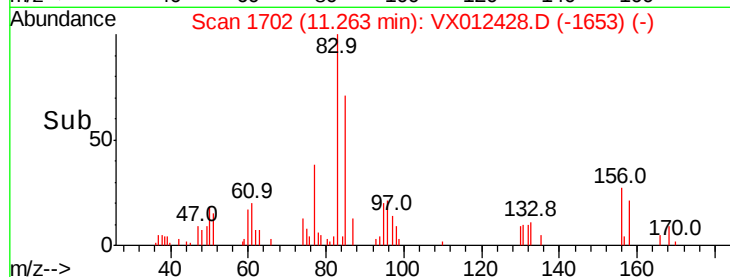
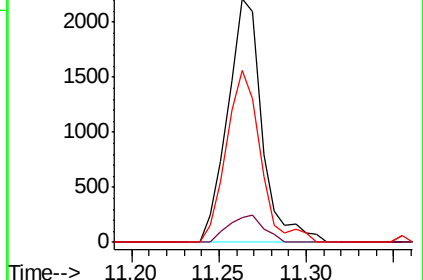
85 70.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 0.978 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012428.D

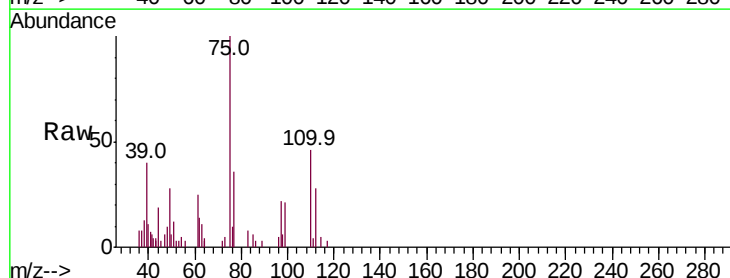
Acq: 17 Sep 2019 11:59

Tgt Ion: 75 Resp: 3141

Ion Ratio Lower Upper

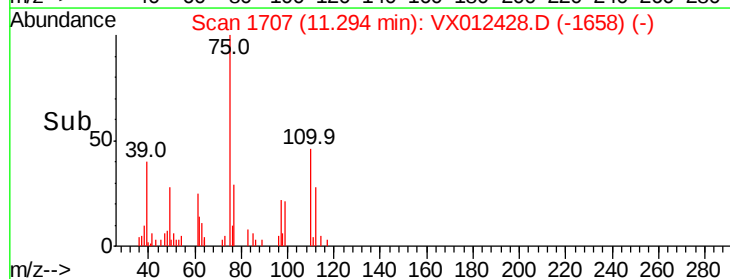
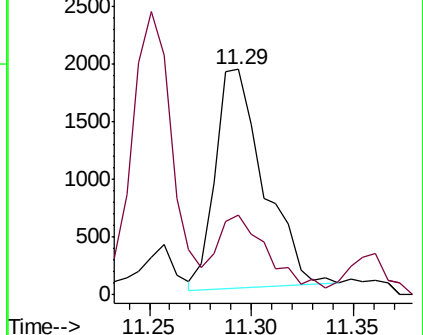
75 100

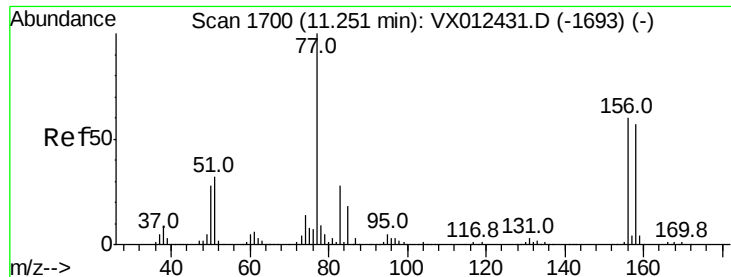
77 40.1 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.866 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

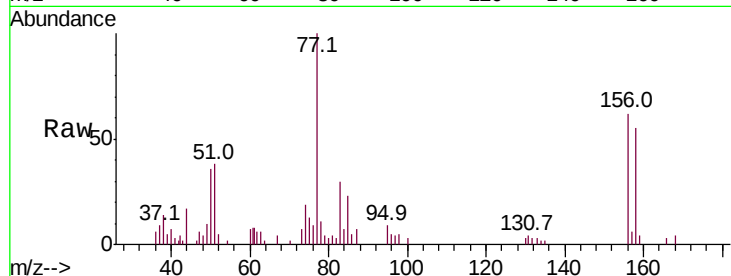
VSTDIC001

Tot Ion:156 Resp: 1910

Ion	Ratio	Lower	Upper
156	100		
77	178.6	87.3	261.8
158	94.6	48.5	145.6

77 178.6 87.3 261.8

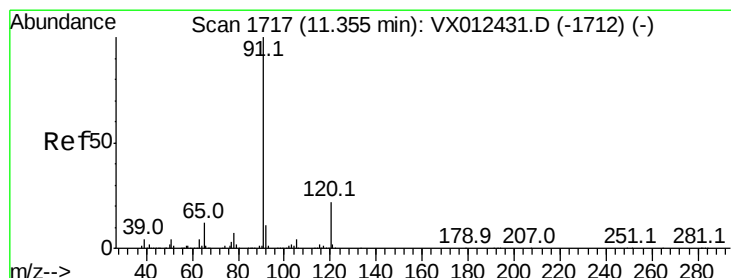
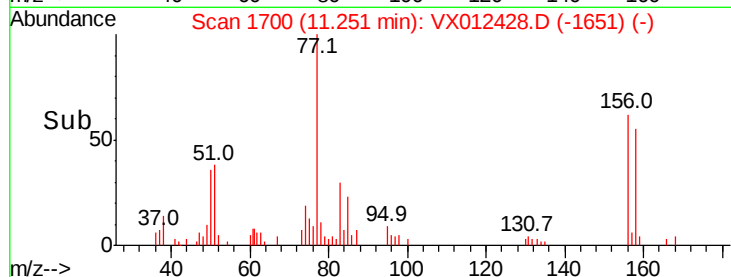
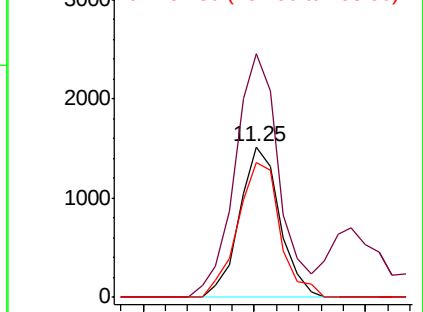
158 94.6 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.867 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012428.D

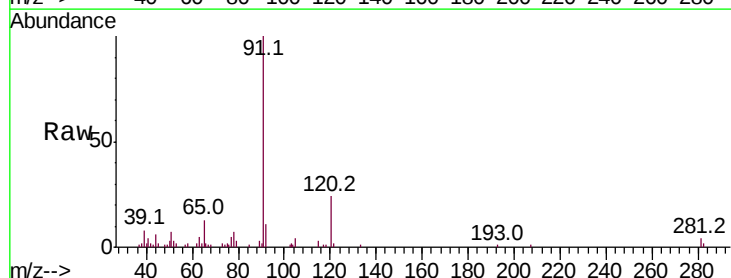
Acq: 17 Sep 2019 11:59

Tgt Ion: 91 Resp: 8453

Ion	Ratio	Lower	Upper
91	100		
120	24.4	11.3	33.8

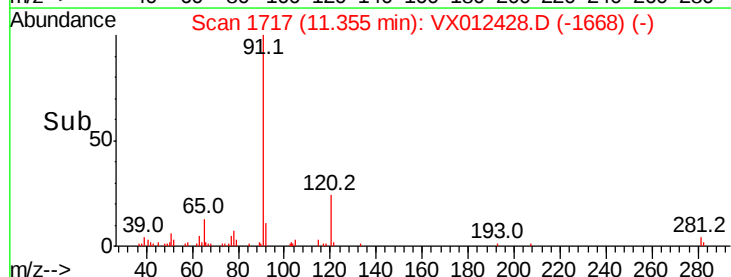
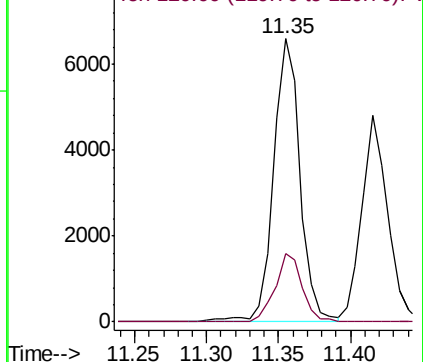
91 100

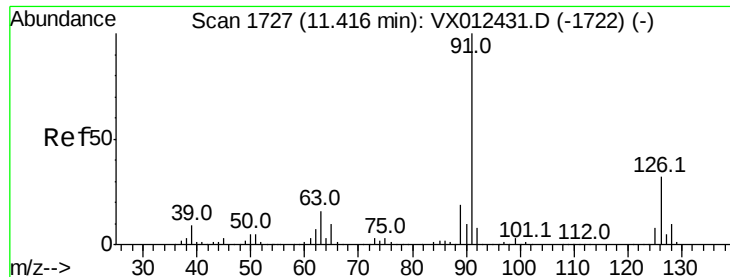
120 24.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.969 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

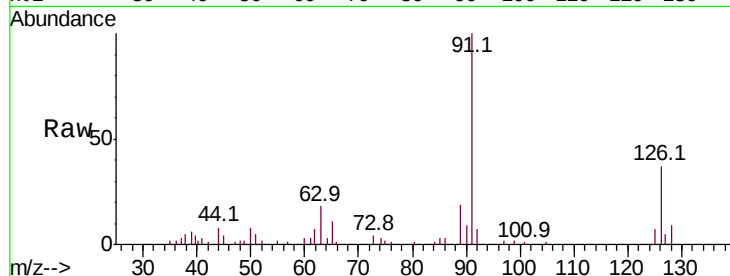
VSTDIC001

Tot Ion: 91 Resp: 6054

Ion Ratio Lower Upper

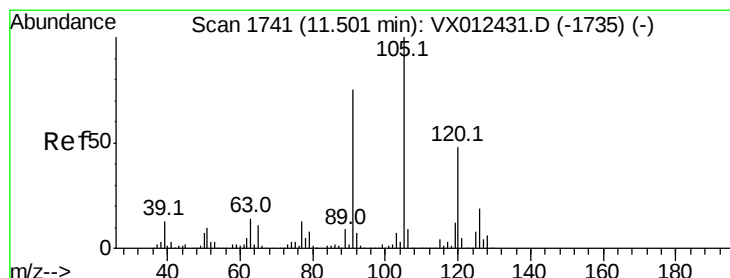
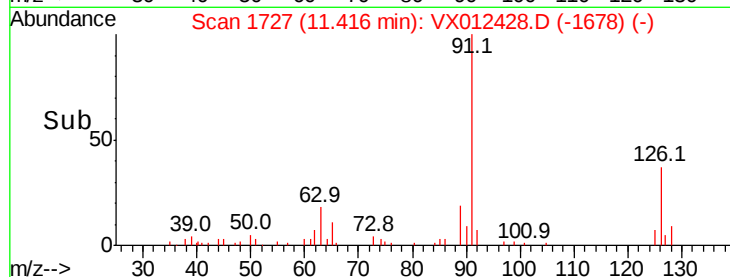
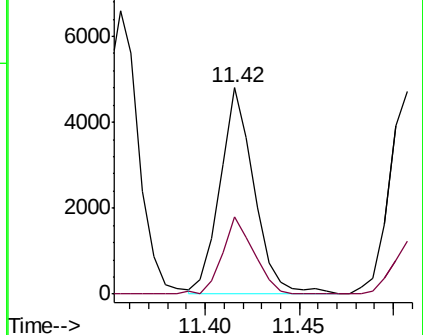
91 100

126 34.3 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VX012431.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX012431.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.863 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012428.D

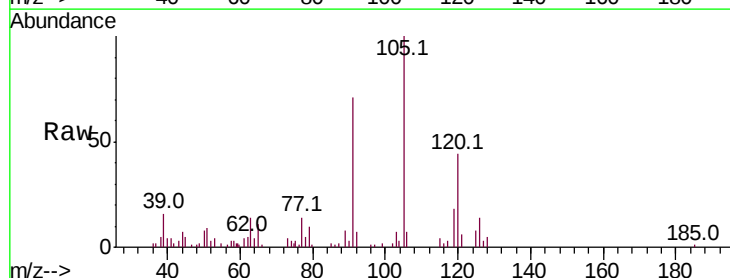
Acq: 17 Sep 2019 11:59

Tgt Ion: 105 Resp: 6470

Ion Ratio Lower Upper

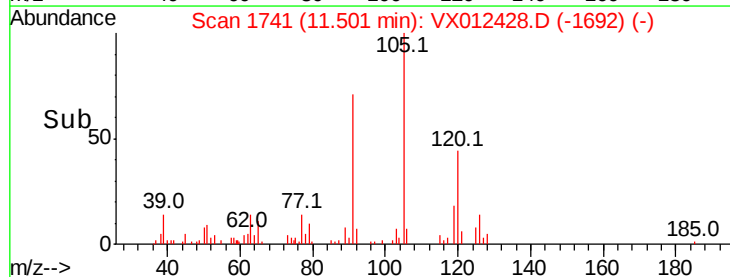
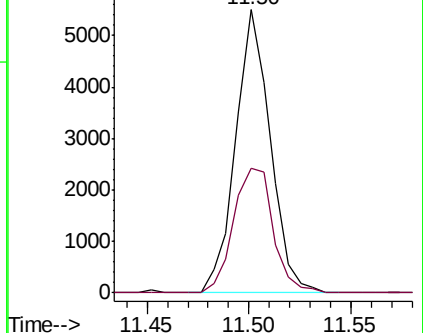
105 100

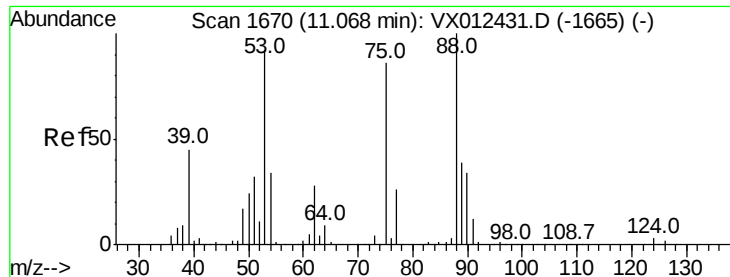
120 50.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX012431.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX012431.D (-1735) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 0.806 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Instrument :

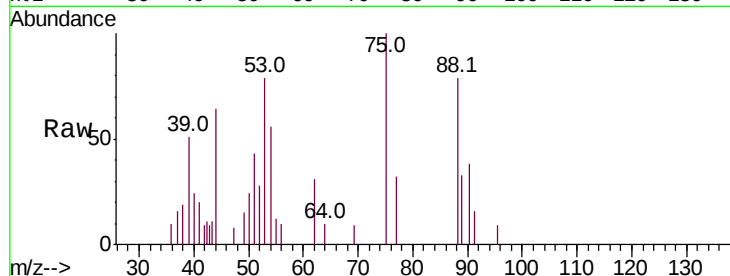
MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 916

Ion	Ratio	Lower	Upper
75	100		
53	121.8	83.6	125.4
89	40.9	36.3	54.5

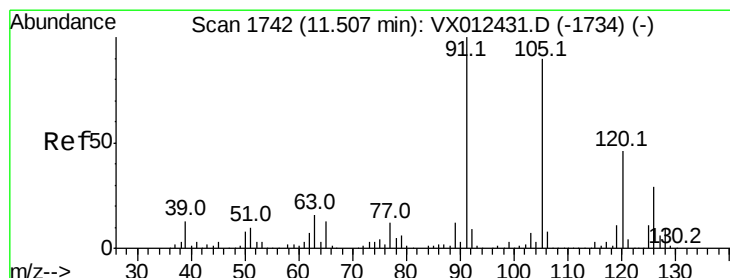
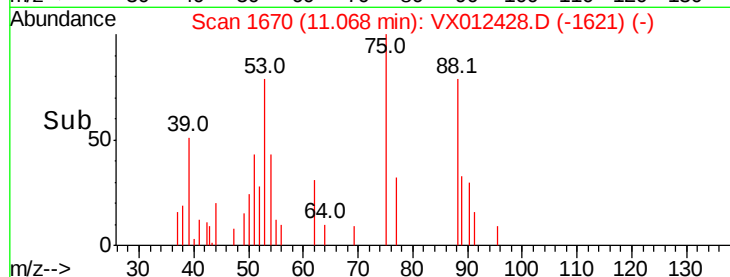
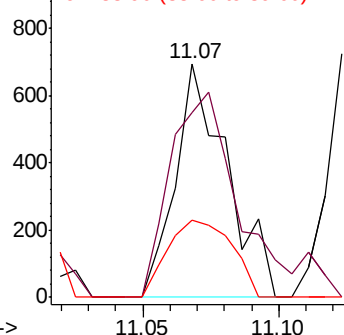


Abundance

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: 0.893 ug/l

RT: 11.51 min Scan# 1742

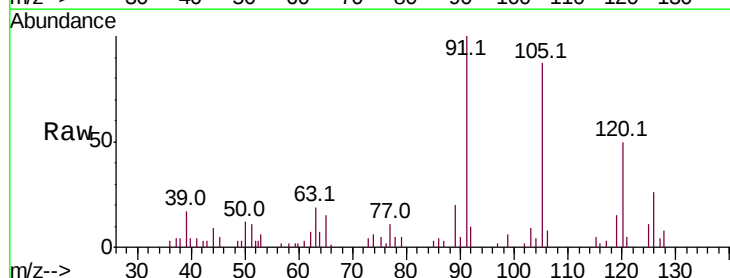
Delta R.T. 0.00 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Tgt Ion: 91 Resp: 6494

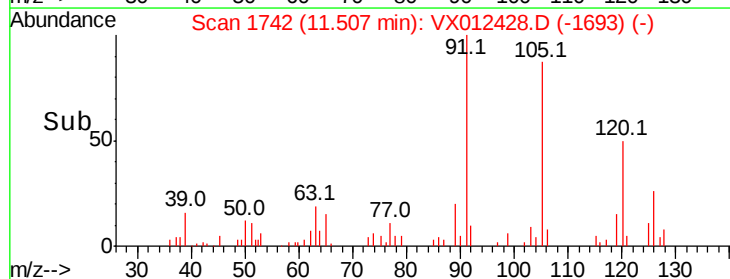
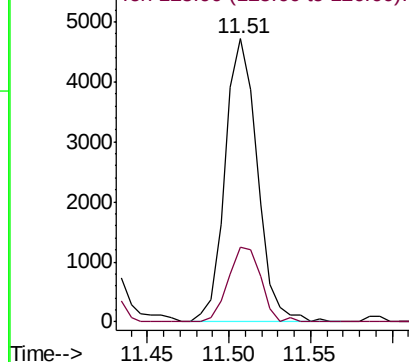
Ion	Ratio	Lower	Upper
91	100		
126	26.6	14.4	43.0

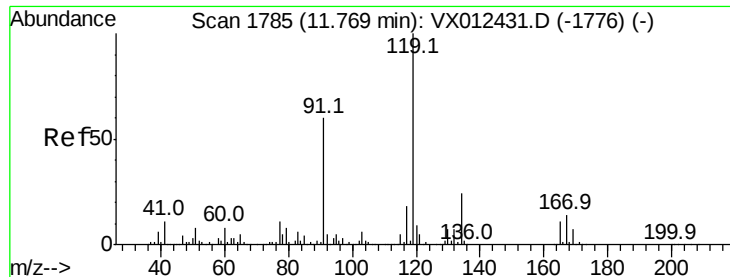


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

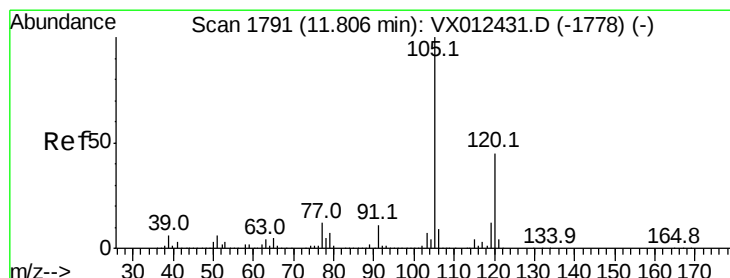
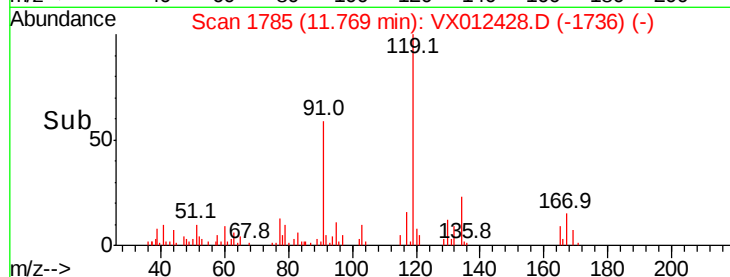
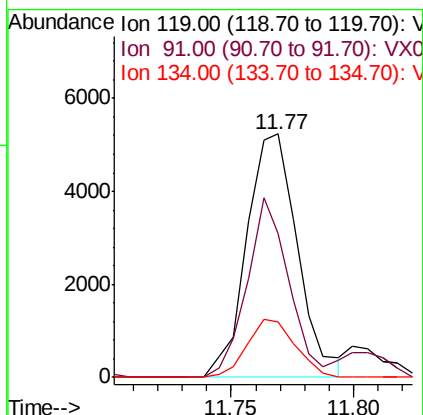
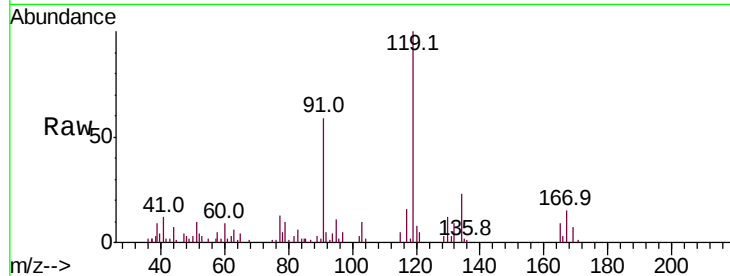




#83
tert-Butylbenzene
Concen: 0.949 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

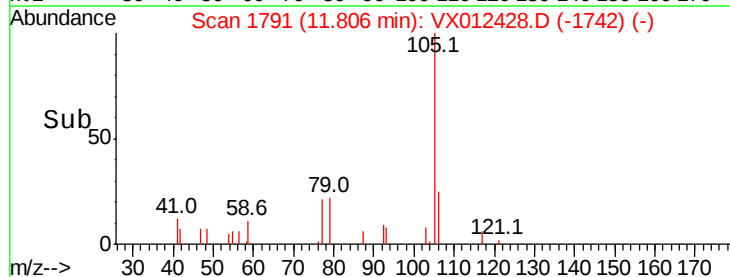
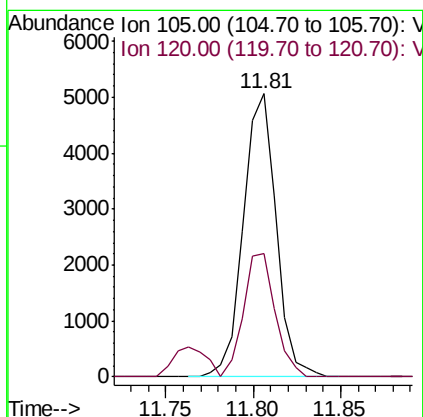
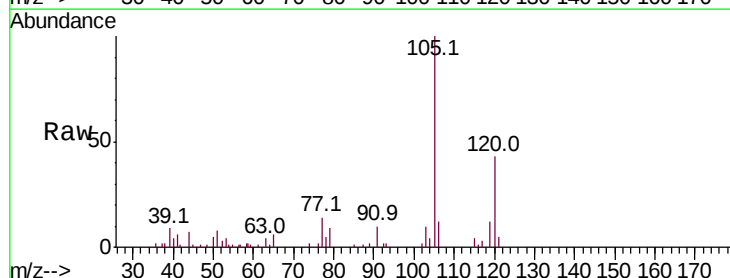
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

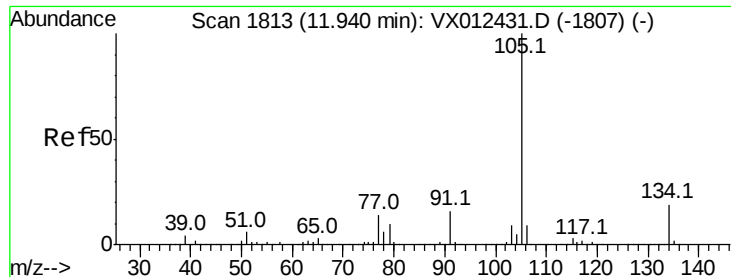
Tot Ion:119 Resp: 7545
Ion Ratio Lower Upper
119 100
91 60.7 30.0 90.0
134 22.5 11.3 33.9



#84
1,2,4-Trimethylbenzene
Concen: 0.870 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Tgt Ion:105 Resp: 6610
Ion Ratio Lower Upper
105 100
120 41.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 0.833 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

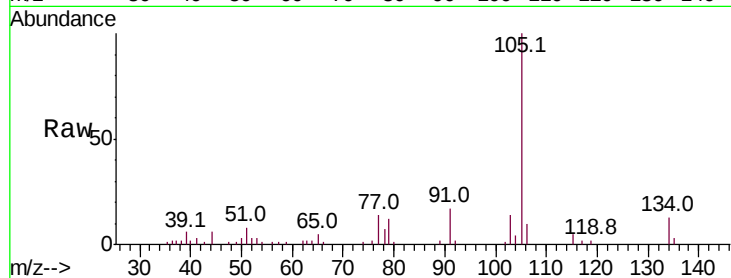
VSTDIC001

Tot Ion:105 Resp: 7330

Ion Ratio Lower Upper

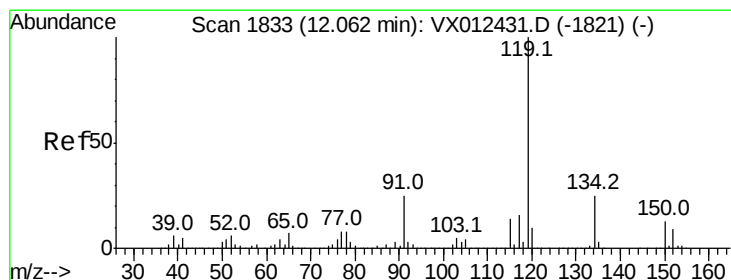
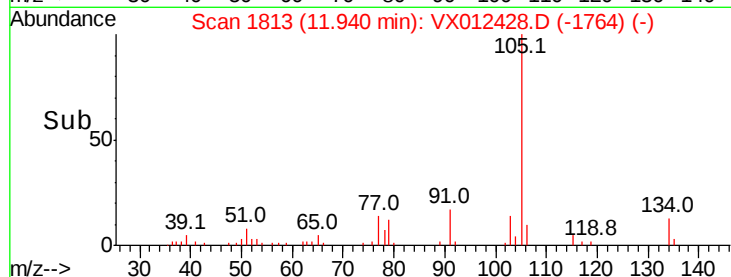
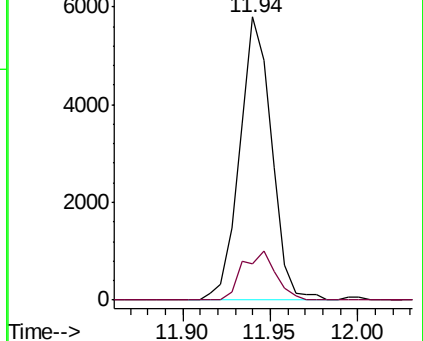
105 100

134 18.1 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.849 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

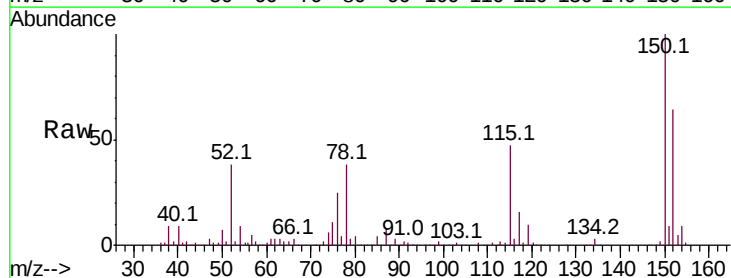
Tgt Ion:119 Resp: 6837

Ion Ratio Lower Upper

119 100

134 27.9 12.7 38.1

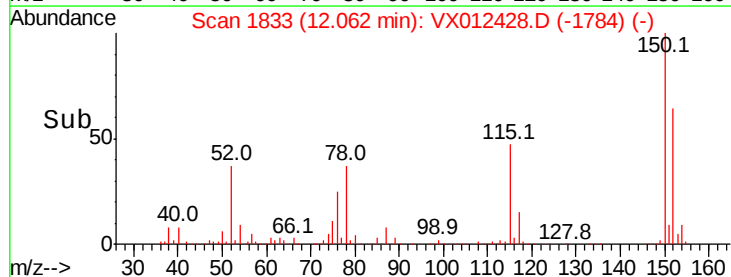
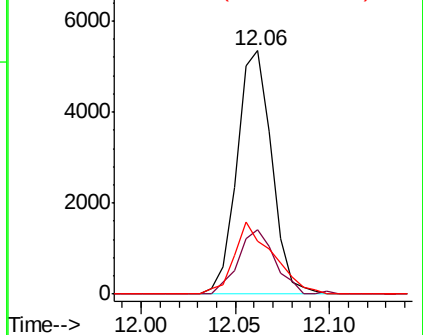
91 33.1 12.8 38.4

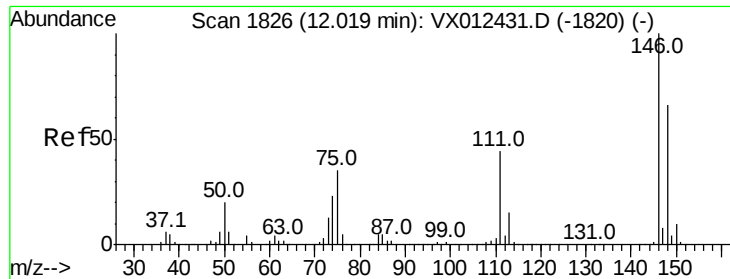


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

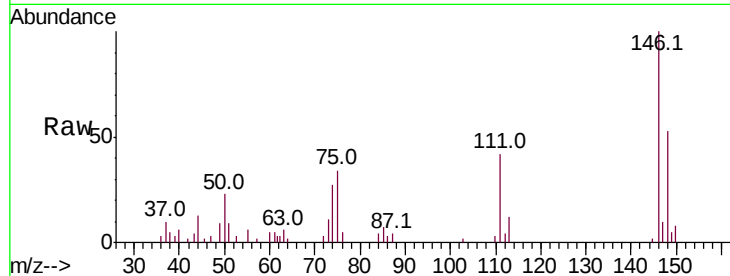




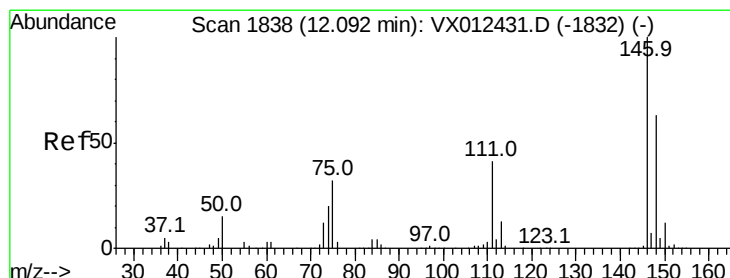
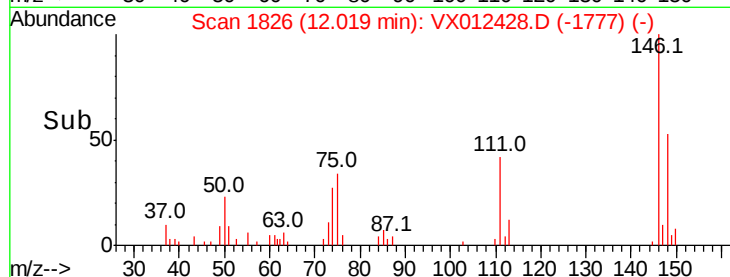
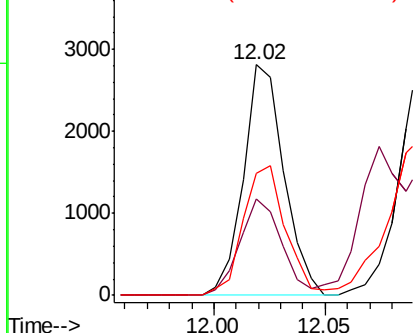
#87
 1,3-Dichlorobenzene
 Concen: 0.865 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012428.D
 Acq: 17 Sep 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:146 Resp: 3586
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.3 64.0
 148 58.9 32.4 97.2

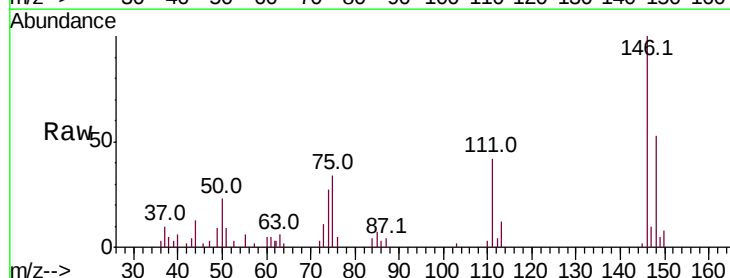


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

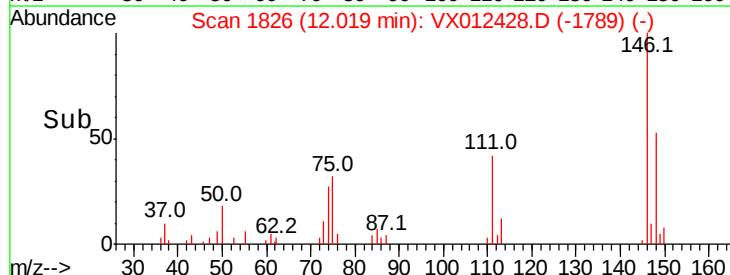
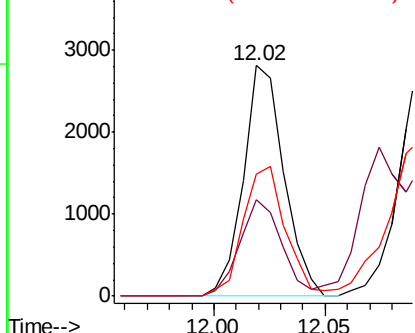


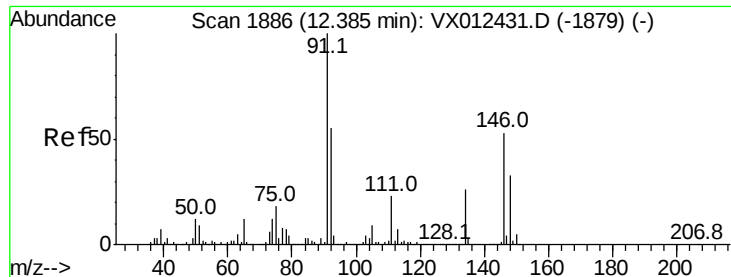
#88
 1,4-Dichlorobenzene
 Concen: 0.857 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.07 min
 Lab File: VX012428.D
 Acq: 17 Sep 2019 11:59

Tgt Ion:146 Resp: 3586
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.1 63.3
 148 58.9 32.1 96.5



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

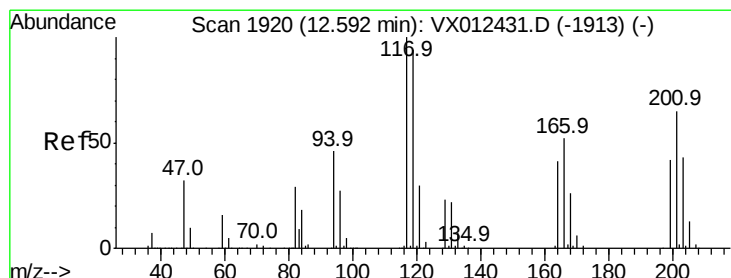
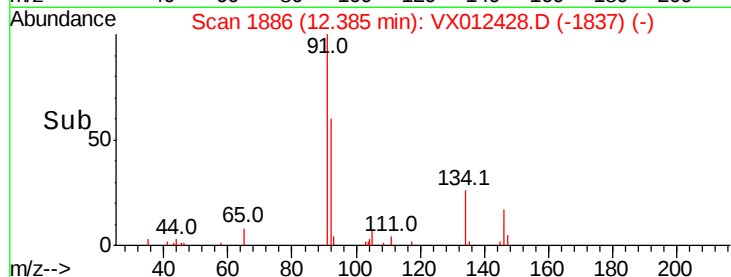
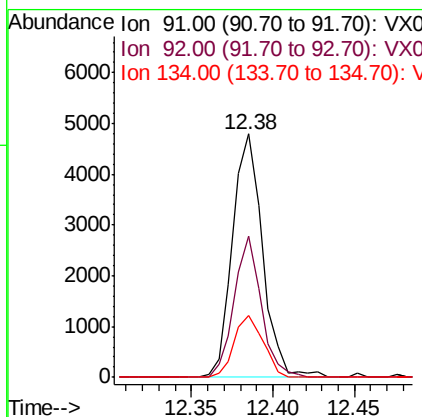
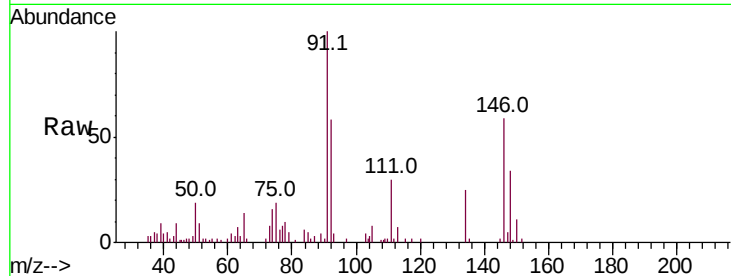




#89
n-Butylbenzene
Concen: 0.865 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

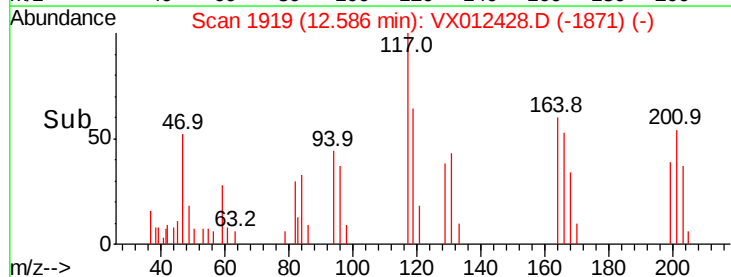
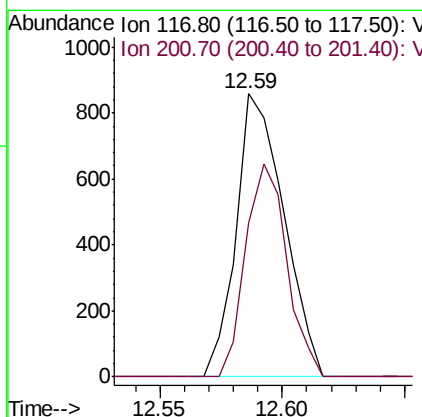
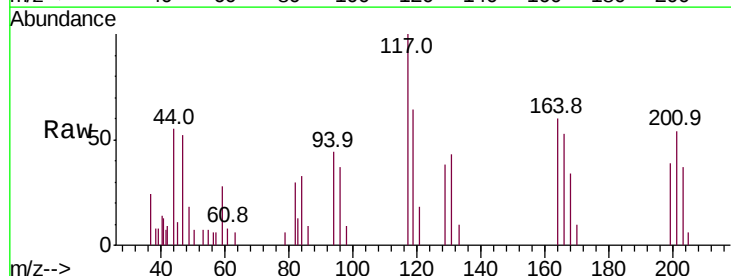
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

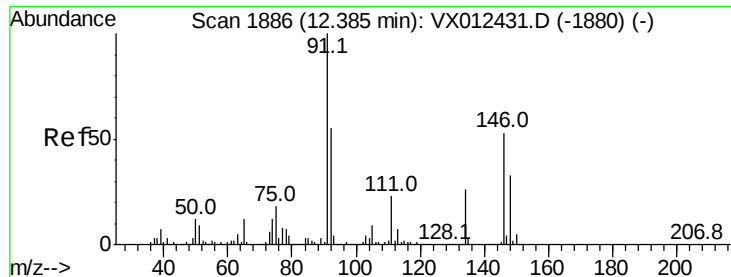
Tot Ion: 91 Resp: 6148
Ion Ratio Lower Upper
91 100
92 52.2 27.7 83.0
134 24.4 12.9 38.6



#90
Hexachloroethane
Concen: 0.747 ug/l
RT: 12.59 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Tgt Ion: 117 Resp: 1161
Ion Ratio Lower Upper
117 100
201 64.9 33.3 99.8

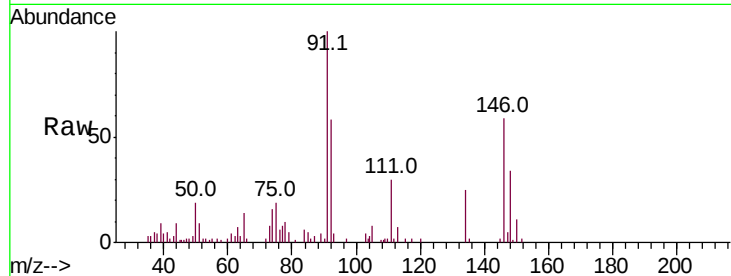




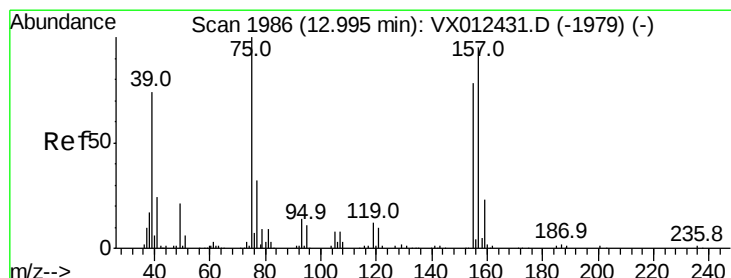
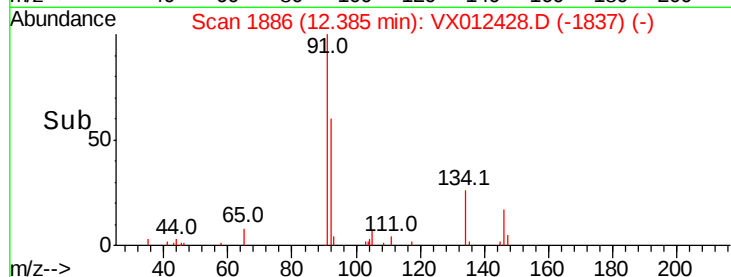
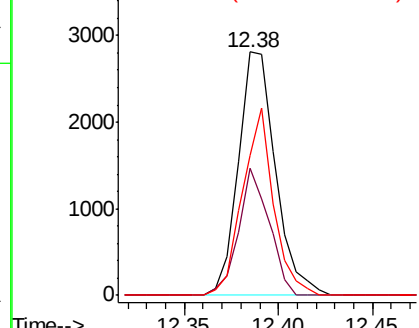
#91
 1,2-Dichlorobenzene
 Concen: 0.905 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012428.D
 Acq: 17 Sep 2019 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:146 Resp: 3846
 Ion Ratio Lower Upper
 146 100
 111 43.0 22.1 66.1
 148 64.1 31.3 93.9

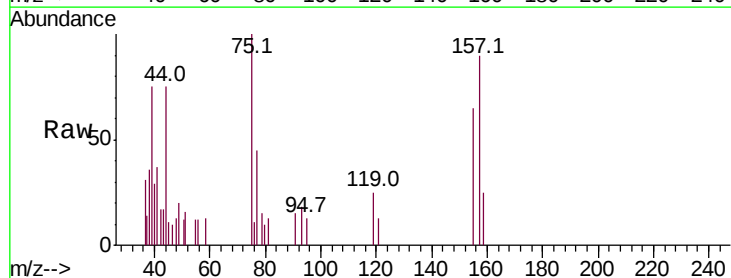


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

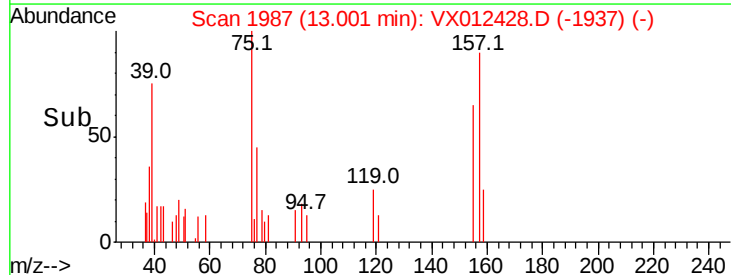
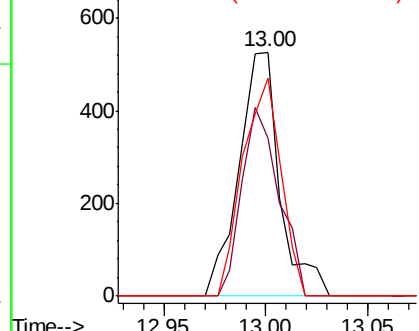


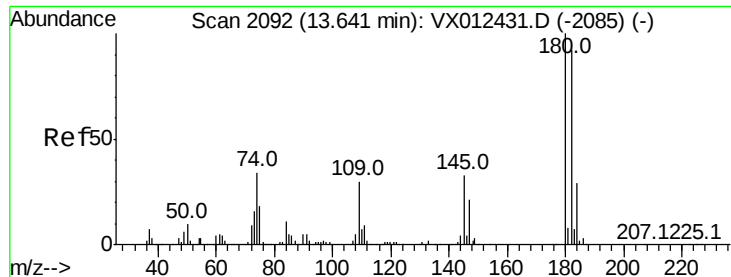
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.804 ug/l
 RT: 13.00 min Scan# 1987
 Delta R.T. 0.01 min
 Lab File: VX012428.D
 Acq: 17 Sep 2019 11:59

Tgt Ion: 75 Resp: 736
 Ion Ratio Lower Upper
 75 100
 155 69.8 38.6 115.8
 157 83.0 50.6 151.9



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: 0.766 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

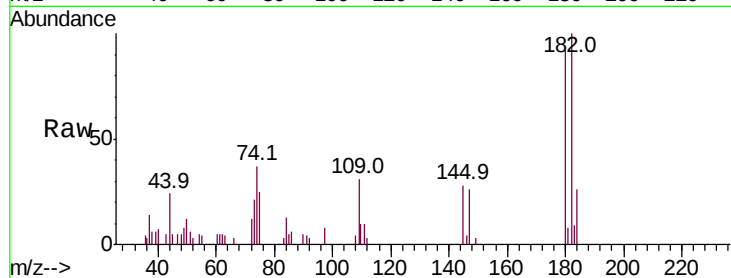
Tot Ion:180 Resp: 2170

Ion Ratio Lower Upper

180 100

182 98.5 47.0 141.0

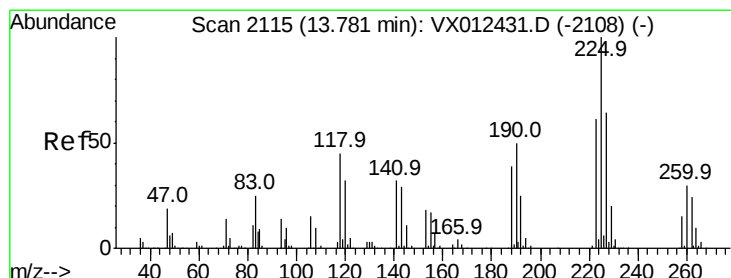
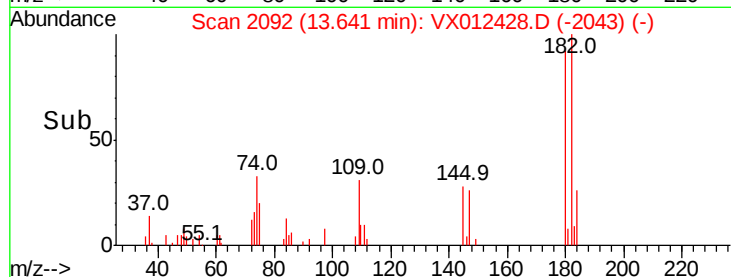
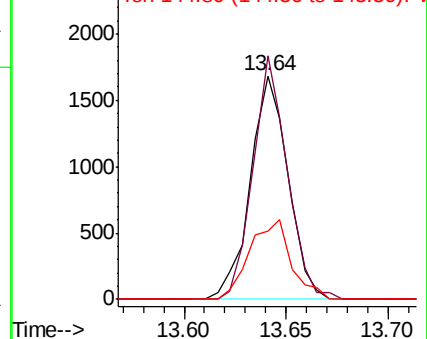
145 39.0 16.8 50.4



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: 0.864 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012428.D

Acq: 17 Sep 2019 11:59

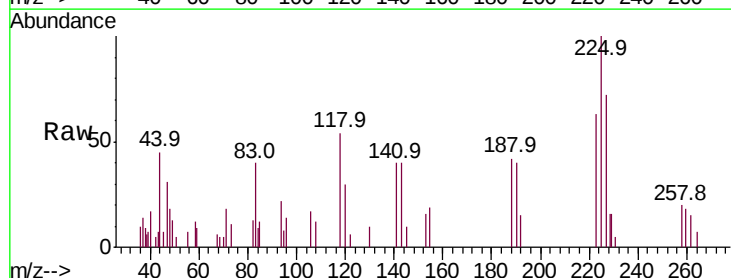
Tgt Ion:225 Resp: 1171

Ion Ratio Lower Upper

225 100

223 66.4 32.0 96.2

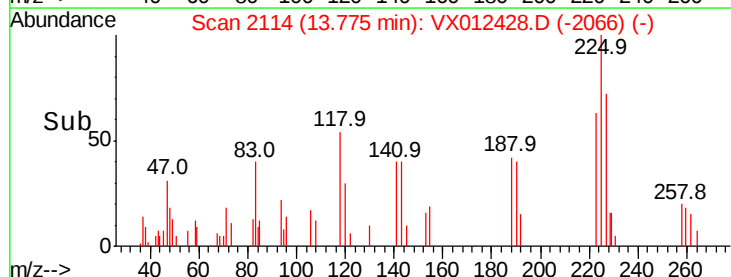
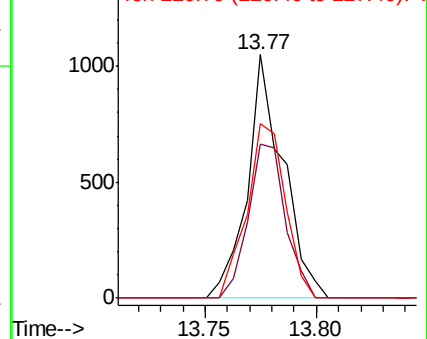
227 77.7 31.9 95.5

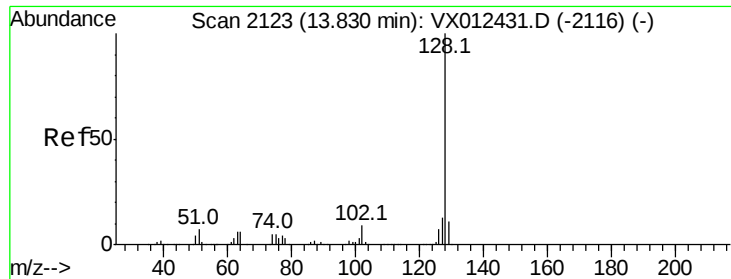


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

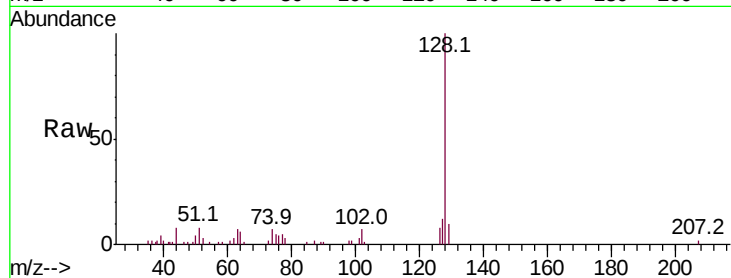




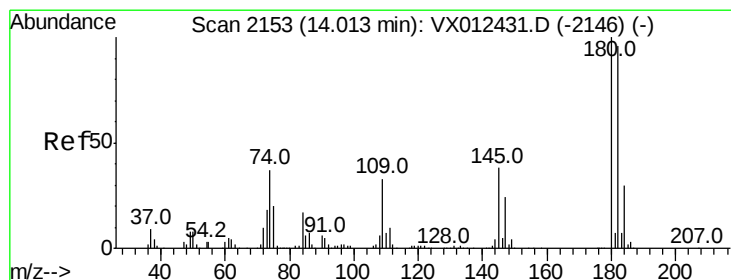
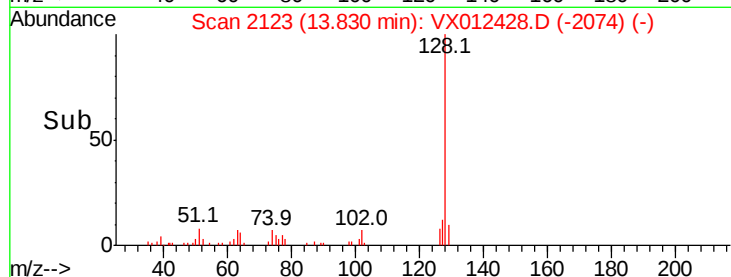
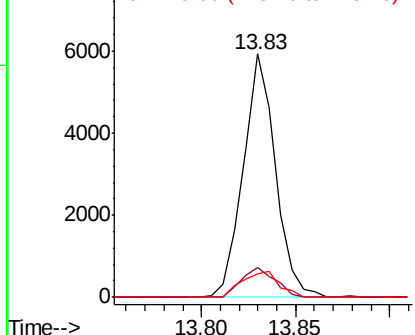
#95
Naphthalene
Concen: 0.727 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:128 Resp: 7035
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 12.2 8.8 13.2

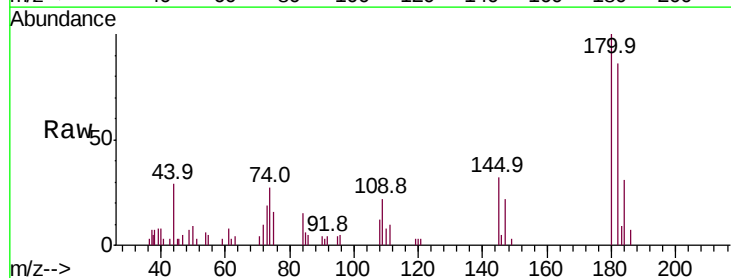


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 0.797 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012428.D
Acq: 17 Sep 2019 11:59

Tgt Ion:180 Resp: 2248
Ion Ratio Lower Upper
180 100
182 94.6 47.1 141.3
145 42.0 18.0 54.0



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

