

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012486.D
 Acq On : 18 Sep 2019 20:04
 Operator : JC/SP
 Sample : VX0918WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Quant Time: Sep 19 06:04:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	207522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	345114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	311217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	150090	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	142242	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
35) Dibromofluoromethane	5.48	113	103965	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	8.71	98	387501	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	11.14	95	154399	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	26820	19.611 ug/l	96
3) Chloromethane	1.32	50	22205	19.463 ug/l	95
4) Vinyl Chloride	1.40	62	24266	19.679 ug/l	99
5) Bromomethane	1.63	94	10725	22.138 ug/l	96
6) Chloroethane	1.72	64	17089	17.710 ug/l	99
7) Trichlorofluoromethane	1.92	101	46273	20.471 ug/l	98
8) Diethyl Ether	2.18	74	19708	19.303 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	33114	20.247 ug/l	99
10) Methyl Iodide	2.50	142	25557	21.034 ug/l	96
11) Tert butyl alcohol	3.03	59	71362	90.877 ug/l	99
12) 1,1-Dichloroethene	2.36	96	25815	19.786 ug/l	99
13) Acrolein	2.28	56	19001	71.555 ug/l	100
14) Allyl chloride	2.72	41	57404	18.898 ug/l	100
15) Acrylonitrile	3.13	53	127891	99.230 ug/l	99
16) Acetone	2.43	43	122193	84.650 ug/l	100
17) Carbon Disulfide	2.56	76	31032	18.017 ug/l	97
18) Methyl Acetate	2.76	43	59727	19.272 ug/l	99
19) Methyl tert-butyl Ether	3.19	73	141255	19.857 ug/l	95
20) Methylene Chloride	2.84	84	35911	19.951 ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	27190	20.069 ug/l	94
22) Diisopropyl ether	3.84	45	141156	19.847 ug/l	99
23) Vinyl Acetate	3.80	43	570641	97.537 ug/l	98
24) 1,1-Dichloroethane	3.69	63	69267	20.355 ug/l	98
25) 2-Butanone	4.66	43	186183	90.244 ug/l	96
26) 2,2-Dichloropropane	4.58	77	59239	17.701 ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	40551	20.036 ug/l	96
28) Bromochloromethane	5.00	49	32273	18.396 ug/l	94
29) Tetrahydrofuran	5.12	42	113367	99.468 ug/l	99
30) Chloroform	5.20	83	76303	19.524 ug/l	93
31) Cyclohexane	5.57	56	40636	19.782 ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	64240	19.667 ug/l	99
36) 1,1-Dichloropropene	5.79	75	41039	19.566 ug/l	96
37) Ethyl Acetate	4.82	43	65686	20.402 ug/l	96
38) Carbon Tetrachloride	5.78	117	51532	19.754 ug/l	95

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0918WBSD01

Quant Time: Sep 19 06:04:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	42066	20.631	ug/l	93
40) Benzene	6.13	78	137008	20.542	ug/l	98
41) Methacrylonitrile	5.03	41	39642	19.122	ug/l	97
42) 1,2-Dichloroethane	6.18	62	60934	19.697	ug/l	99
43) Isopropyl Acetate	6.43	43	112086	19.397	ug/l	99
44) Trichloroethene	7.21	130	37312	21.266	ug/l	97
45) 1,2-Dichloropropane	7.51	63	40734	19.879	ug/l	95
46) Dibromomethane	7.65	93	26891	20.279	ug/l	98
47) Bromodichloromethane	7.89	83	57257	19.392	ug/l	97
48) Methyl methacrylate	7.76	41	52384	19.231	ug/l	97
49) 1,4-Dioxane	7.73	88	24755	373.402	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	373895	98.666	ug/l	100
52) Toluene	8.78	92	89115	20.735	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	57820	18.839	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	62707	19.735	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	44536	20.114	ug/l	98
56) Ethyl methacrylate	9.17	69	68399	19.758	ug/l	98
57) 1,3-Dichloropropane	9.37	76	71699	20.295	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	166700	93.024	ug/l	100
59) 2-Hexanone	9.49	43	284647	96.280	ug/l	99
60) Dibromochloromethane	9.58	129	44246	19.618	ug/l	100
61) 1,2-Dibromoethane	9.67	107	41663	20.602	ug/l	97
64) Tetrachloroethene	9.33	164	34925	24.490	ug/l	93
65) Chlorobenzene	10.14	112	105141	20.469	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	42823	20.087	ug/l	99
67) Ethyl Benzene	10.24	91	182270	20.654	ug/l	99
68) m/p-Xylenes	10.35	106	132985	41.416	ug/l	100
69) o-Xylene	10.70	106	68426	20.721	ug/l	99
70) Styrene	10.71	104	124212	21.260	ug/l	97
71) Bromoform	10.85	173	30001	18.276	ug/l #	99
73) Isopropylbenzene	11.01	105	192381	20.429	ug/l	97
74) N-amyl acetate	10.89	43	98531	19.434	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	72334	19.581	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	82200	23.842	ug/l	88
77) Bromobenzene	11.25	156	48202	20.988	ug/l	97
78) n-propylbenzene	11.35	91	215252	20.508	ug/l	99
79) 2-Chlorotoluene	11.42	91	138076	20.221	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	165855	20.651	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19789	17.878	ug/l	92
82) 4-Chlorotoluene	11.51	91	159590	20.364	ug/l	100
83) tert-Butylbenzene	11.76	119	171002	19.870	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	169753	20.585	ug/l	100
85) sec-Butylbenzene	11.94	105	195539	20.620	ug/l	99
86) p-Isopropyltoluene	12.06	119	178913	20.546	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	90191	20.876	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	92988	20.953	ug/l	98
89) n-Butylbenzene	12.38	91	156340	20.122	ug/l	98
90) Hexachloroethane	12.59	117	28862	18.076	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	95528	21.156	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18394	19.206	ug/l	98

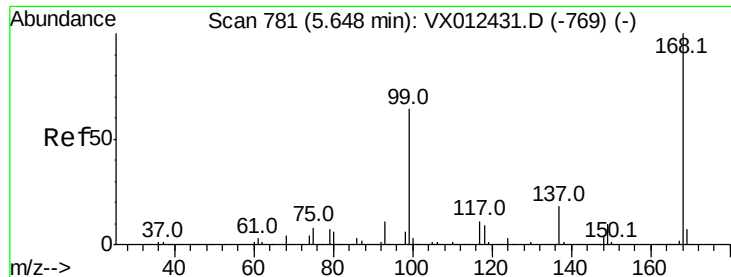
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
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Acq On : 18 Sep 2019 20:04
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Sample : VX0918WBSD01
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Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Quant Time: Sep 19 06:04:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	62445	21.470	ug/l	99
94) Hexachlorobutadiene	13.78	225	26187	19.103	ug/l	99
95) Naphthalene	13.83	128	238007	22.998	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	66664	22.492	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

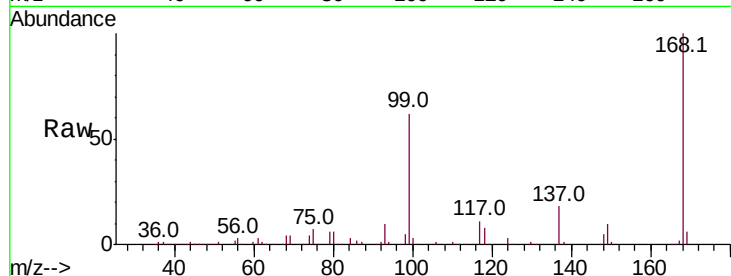
VX0918WBSD01

Tot Ion:168 Resp: 207522

Ion Ratio Lower Upper

168 100

99 61.4 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

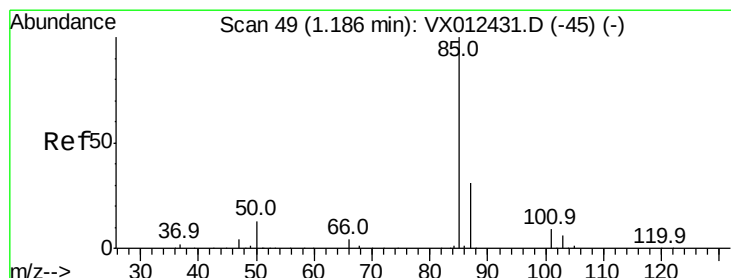
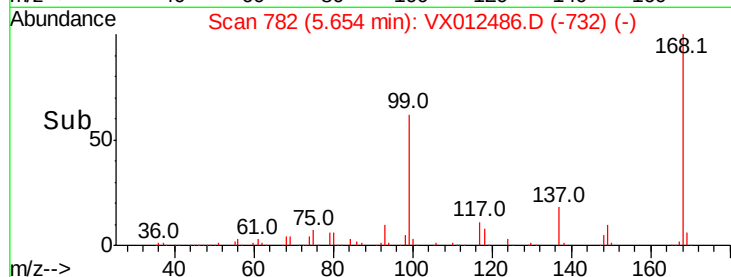
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.611 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012486.D

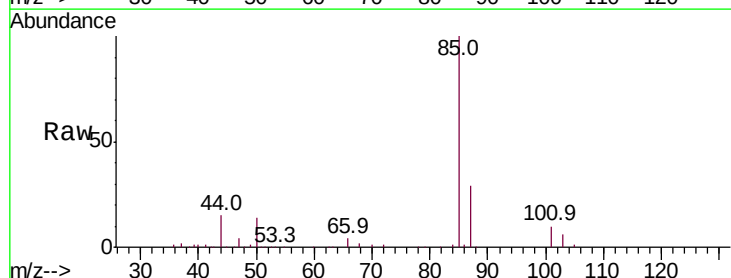
Acq: 18 Sep 2019 20:04

Tgt Ion: 85 Resp: 26820

Ion Ratio Lower Upper

85 100

87 29.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

25000

20000

15000

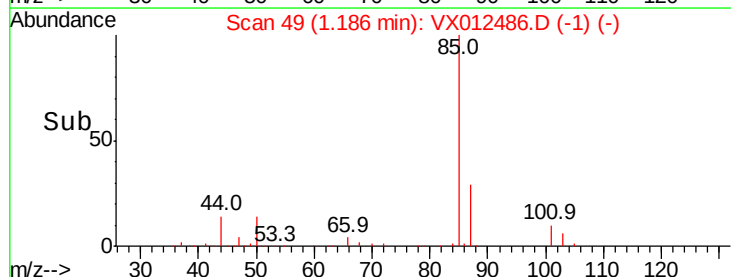
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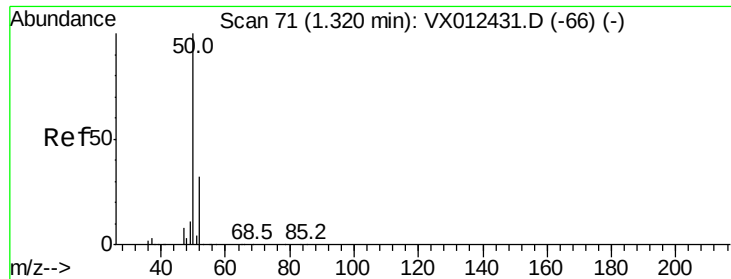
5000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 19.463 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

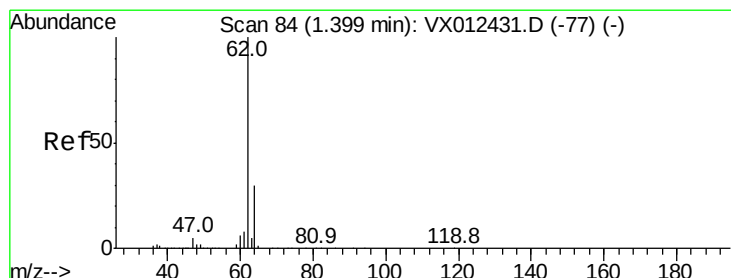
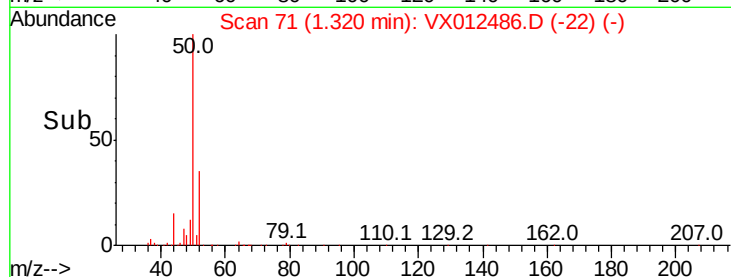
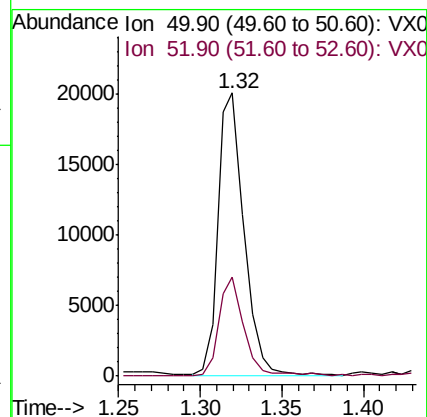
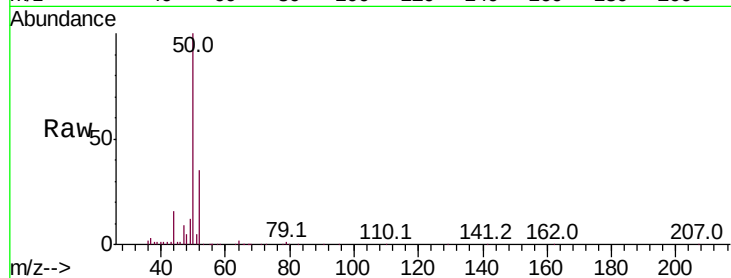
VX0918WBSD01

Tot Ion: 50 Resp: 22205

Ion Ratio Lower Upper

50 100

52 34.8 25.7 38.5



#4

Vinyl Chloride

Concen: 19.679 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012486.D

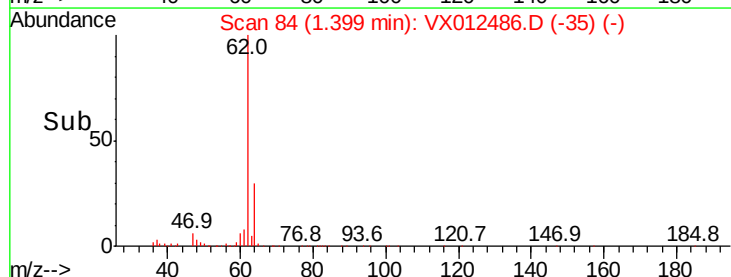
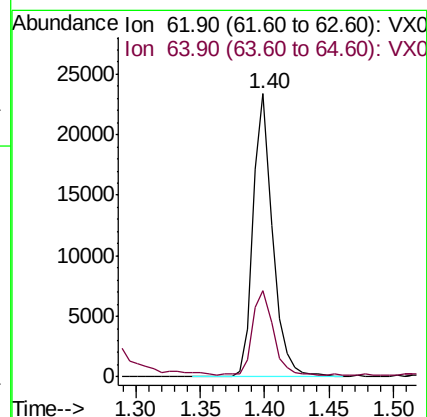
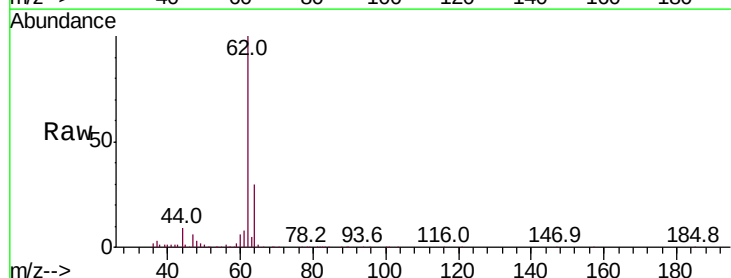
Acq: 18 Sep 2019 20:04

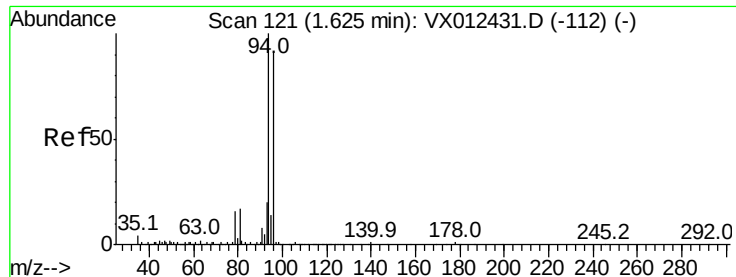
Tgt Ion: 62 Resp: 24266

Ion Ratio Lower Upper

62 100

64 29.5 24.2 36.2





#5

Bromomethane

Concen: 22.138 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

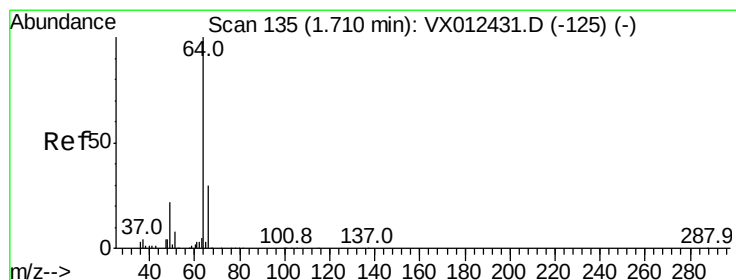
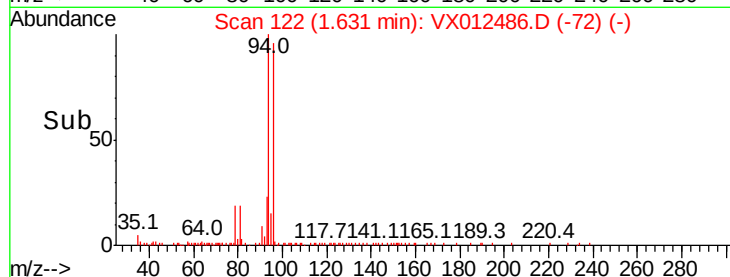
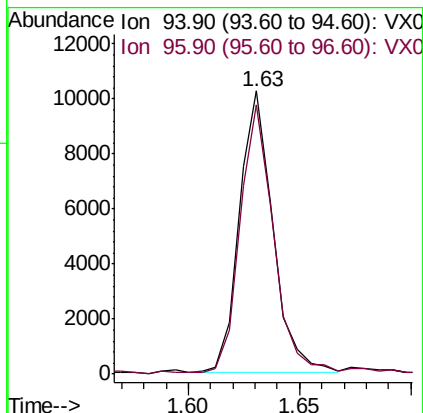
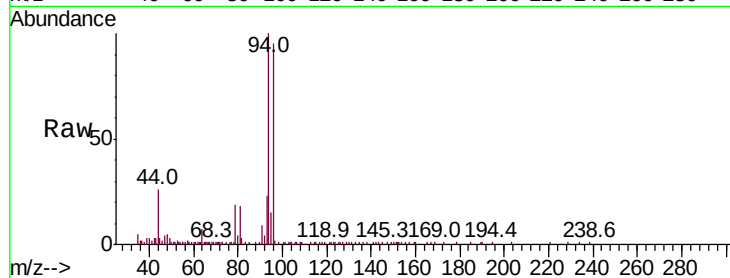
VX0918WBSD01

Tot Ion: 94 Resp: 10725

Ion Ratio Lower Upper

94 100

96 95.2 72.8 109.2



#6

Chloroethane

Concen: 17.710 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012486.D

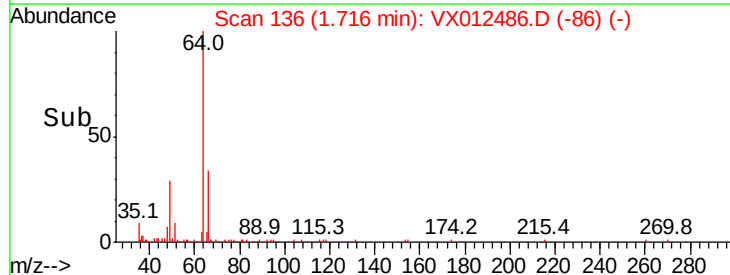
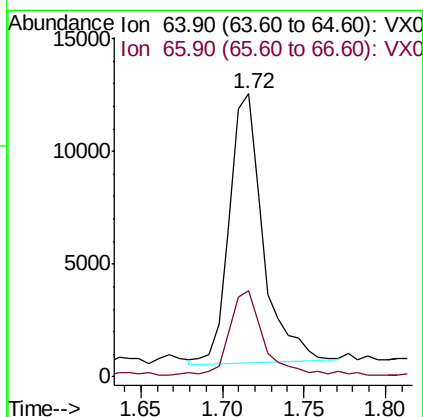
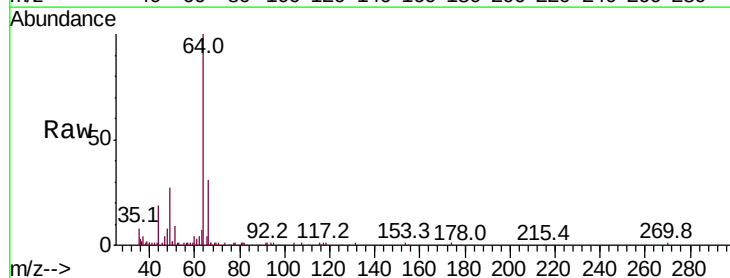
Acq: 18 Sep 2019 20:04

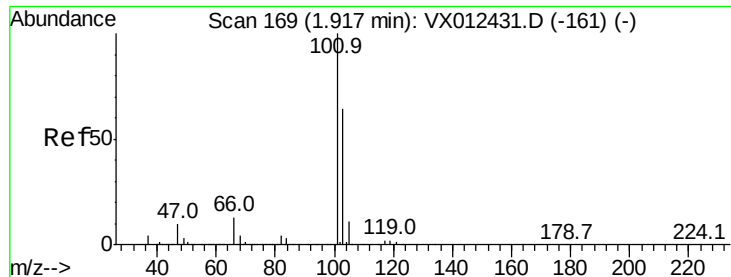
Tgt Ion: 64 Resp: 17089

Ion Ratio Lower Upper

64 100

66 30.8 24.0 36.0



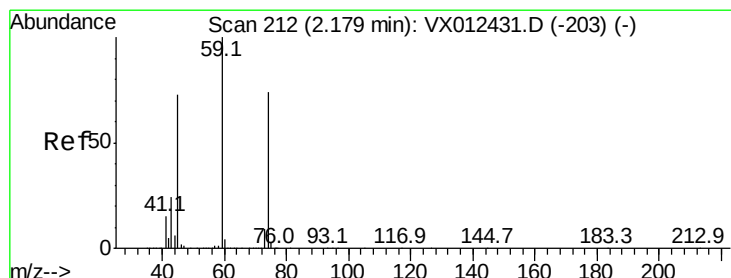
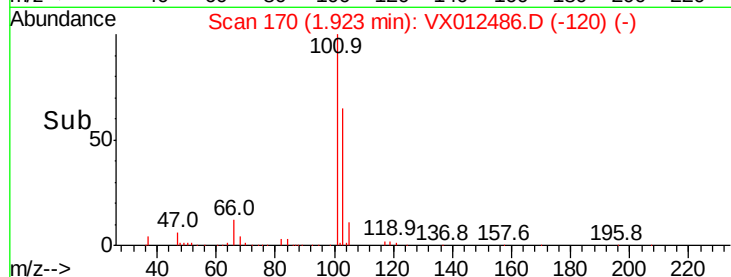
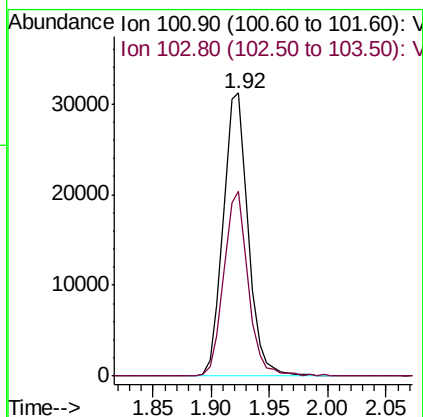
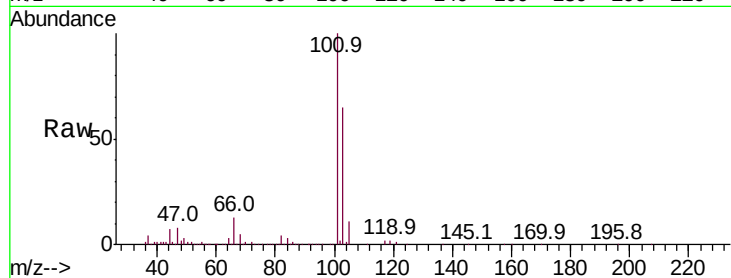


#7

Trichlorofluoromethane
 Concen: 20.471 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX012486.D
 Acq: 18 Sep 2019 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

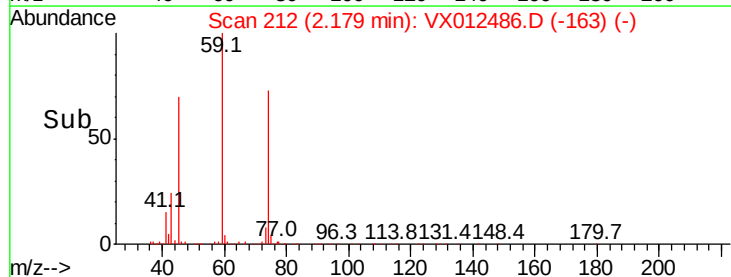
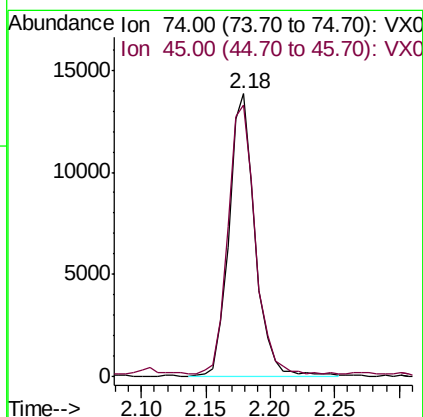
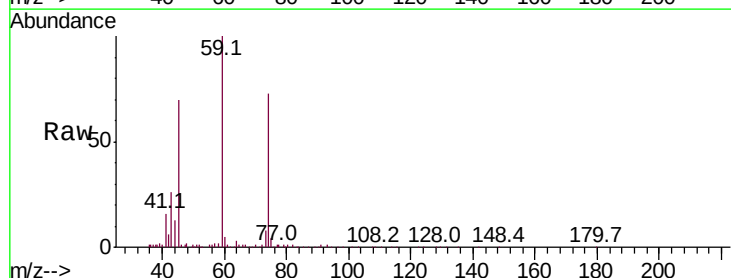
Tot Ion:101 Resp: 46273
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.0 76.4

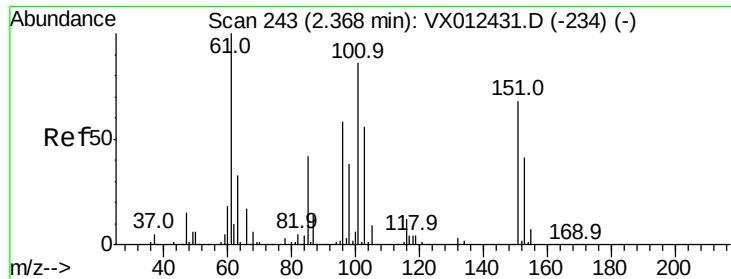


#8

Diethyl Ether
 Concen: 19.303 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012486.D
 Acq: 18 Sep 2019 20:04

Tgt Ion: 74 Resp: 19708
 Ion Ratio Lower Upper
 74 100
 45 98.1 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.247 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

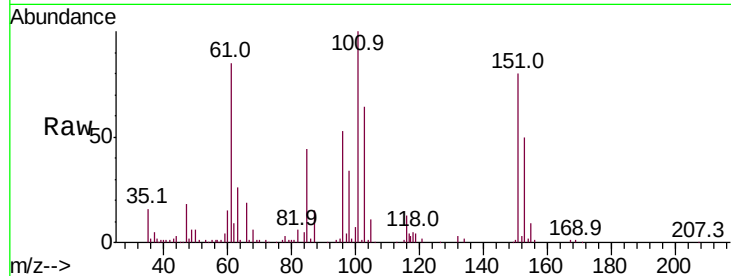
Tot Ion:101 Resp: 33114

Ion Ratio Lower Upper

101 100

85 45.3 37.3 55.9

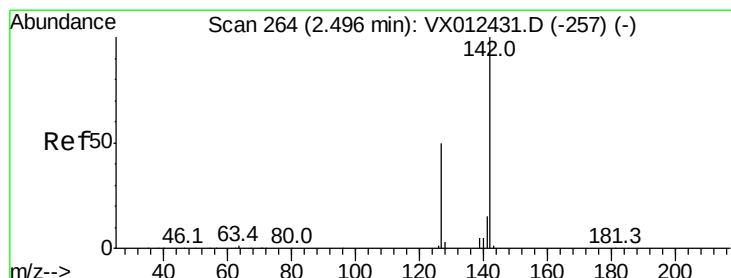
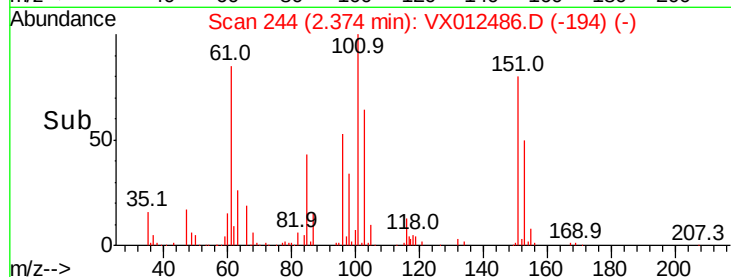
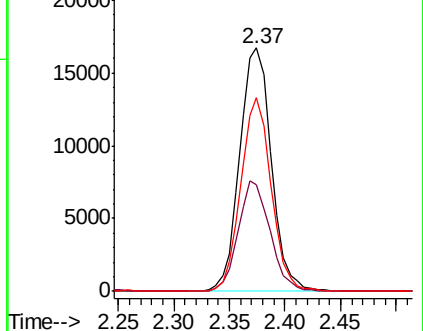
151 76.4 61.0 91.4



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: 21.034 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

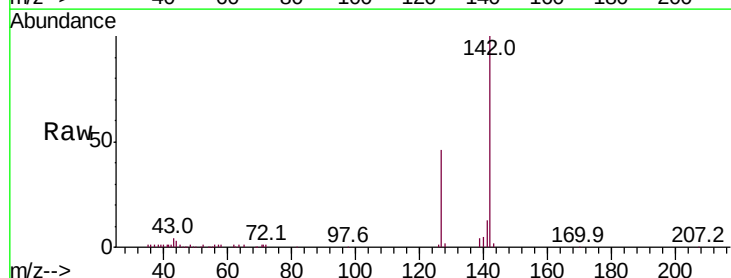
Tgt Ion:142 Resp: 25557

Ion Ratio Lower Upper

142 100

127 47.5 40.8 61.2

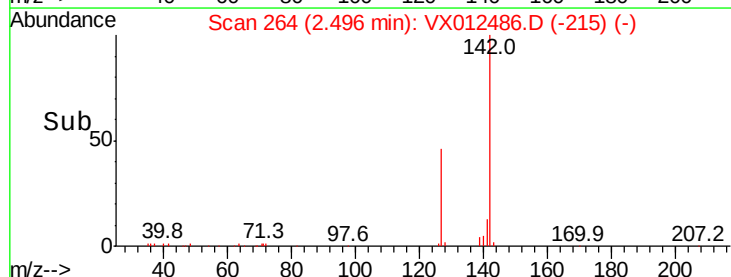
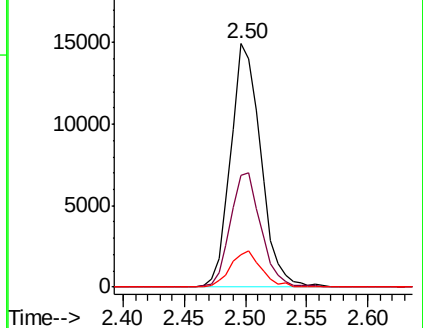
141 15.1 12.1 18.1

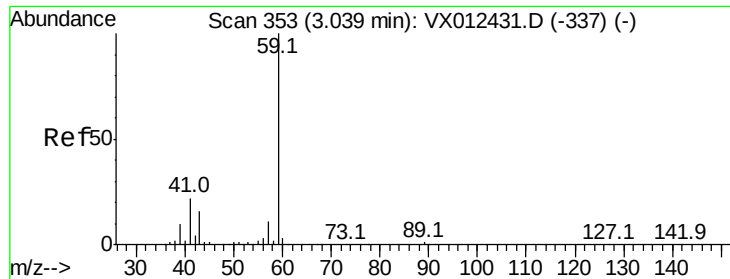


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

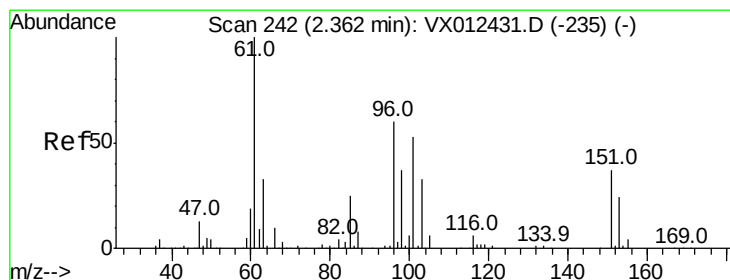
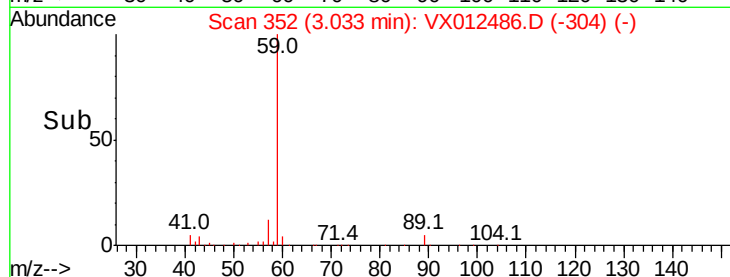
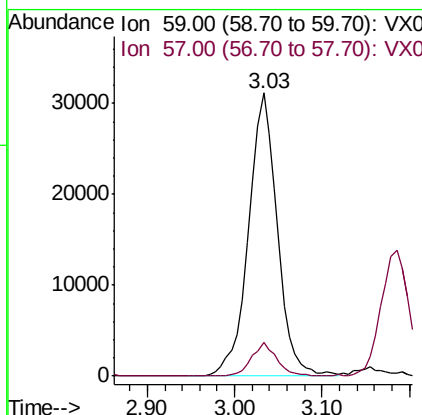
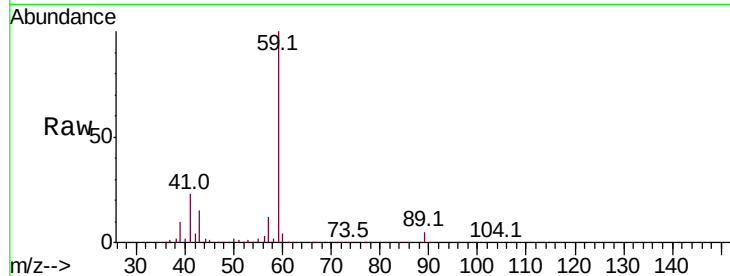




#11
Tert butyl alcohol
Concen: 90.877 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

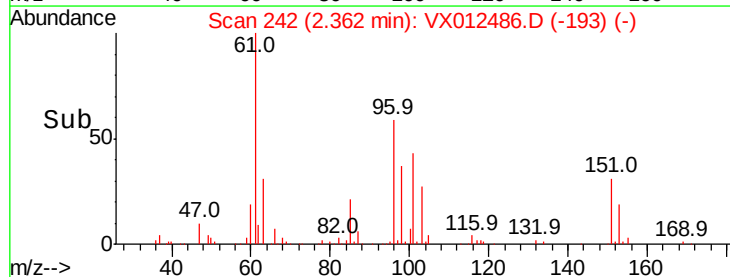
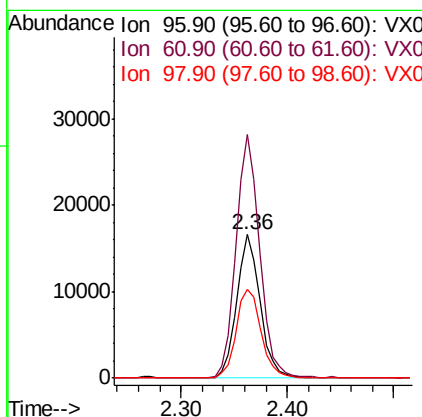
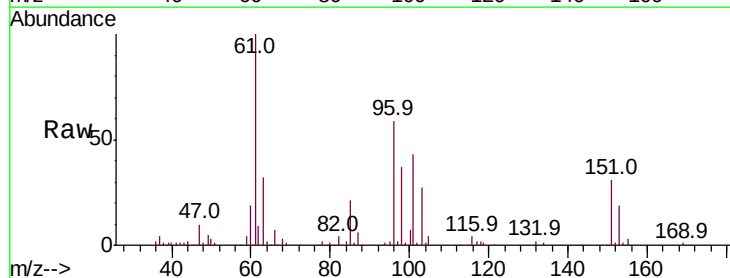
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

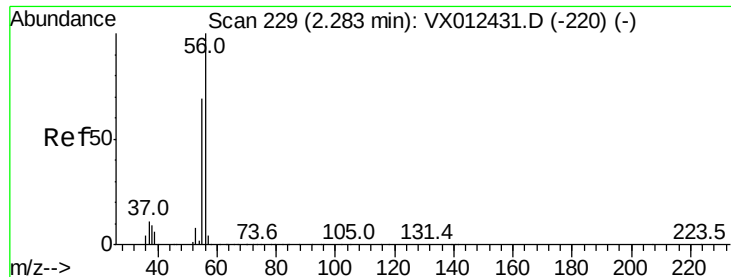
Tot Ion: 59 Resp: 71362
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 19.786 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

Tgt Ion: 96 Resp: 25815
Ion Ratio Lower Upper
96 100
61 169.4 133.8 200.6
98 61.9 49.9 74.9





#13

Acrolein

Concen: 71.555 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

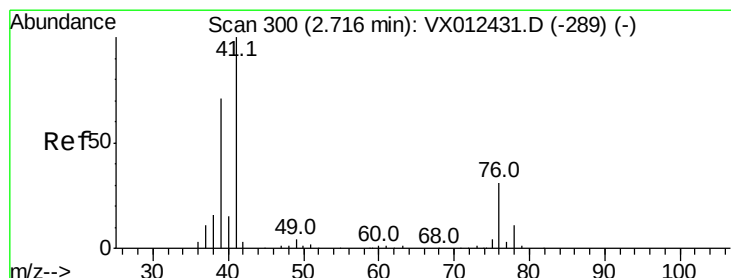
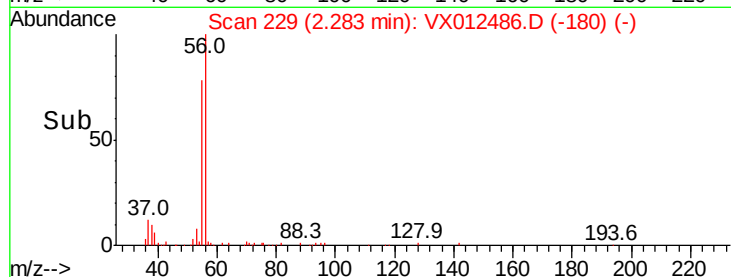
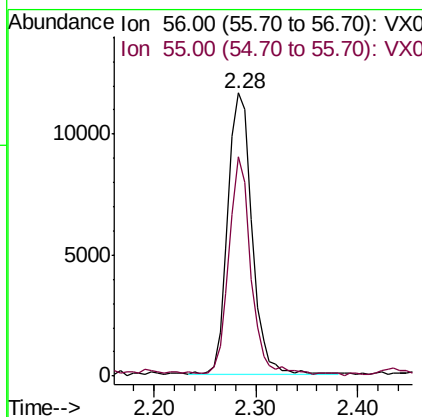
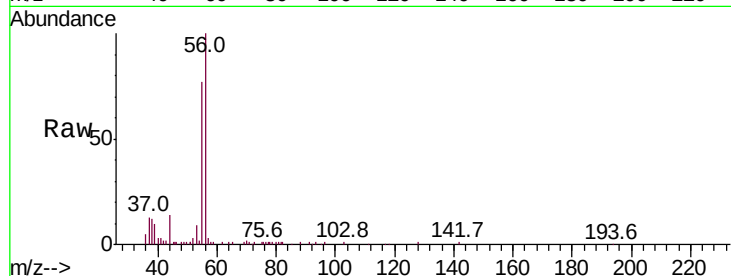
VX0918WBSD01

Tot Ion: 56 Resp: 19001

Ion Ratio Lower Upper

56 100

55 70.0 55.8 83.8



#14

Allyl chloride

Concen: 18.898 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

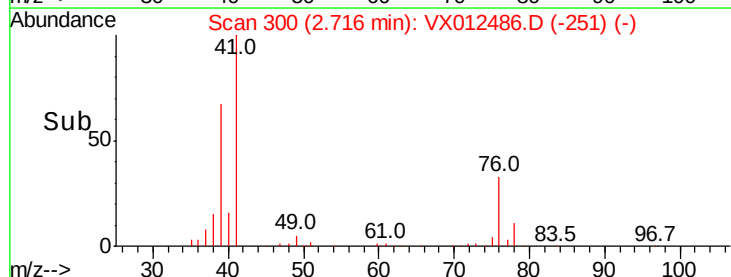
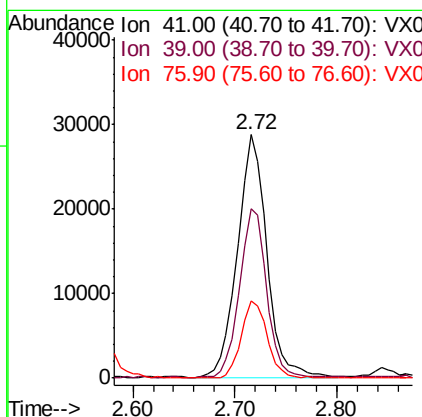
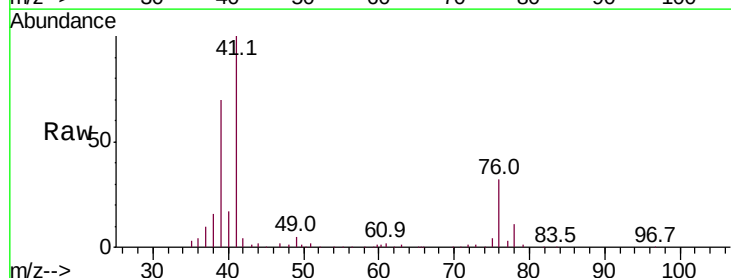
Tgt Ion: 41 Resp: 57404

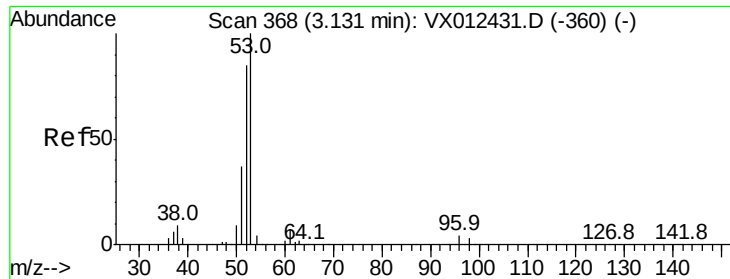
Ion Ratio Lower Upper

41 100

39 64.0 51.3 76.9

76 28.1 22.6 33.8





#15

Acrylonitrile

Concen: 99.230 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

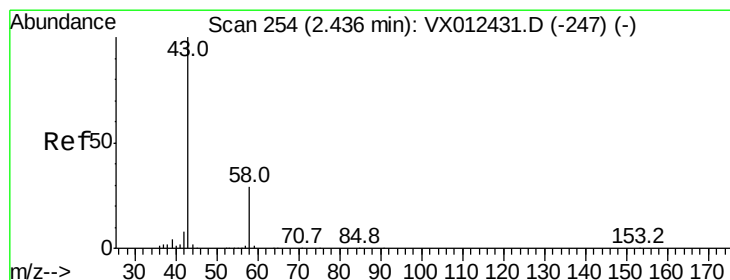
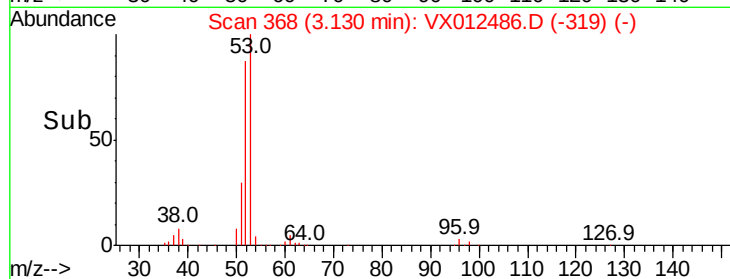
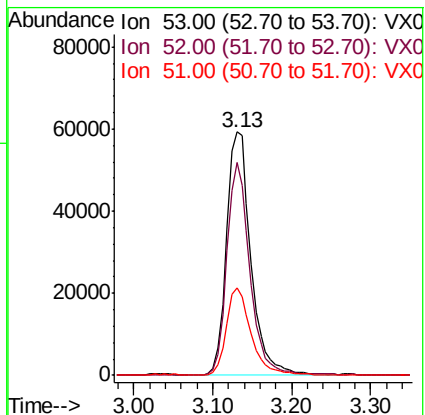
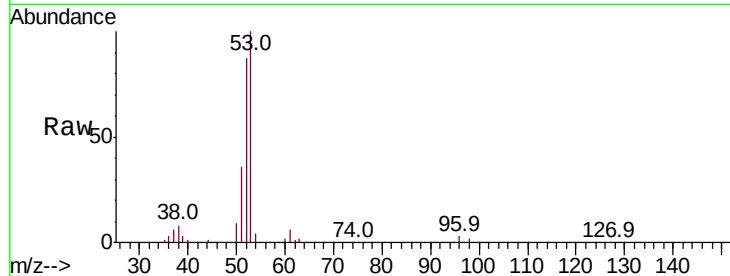
Tot Ion: 53 Resp: 127891

Ion Ratio Lower Upper

53 100

52 82.2 67.0 100.4

51 36.7 29.6 44.4



#16

Acetone

Concen: 84.650 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012486.D

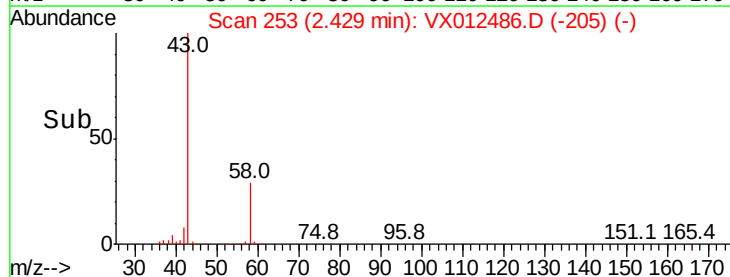
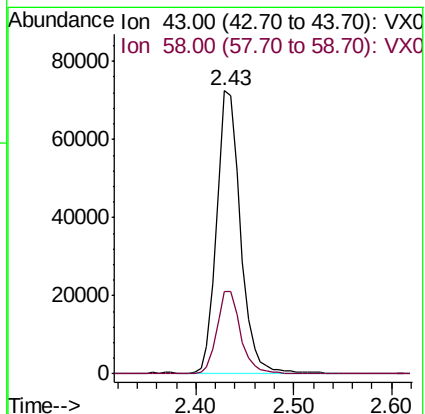
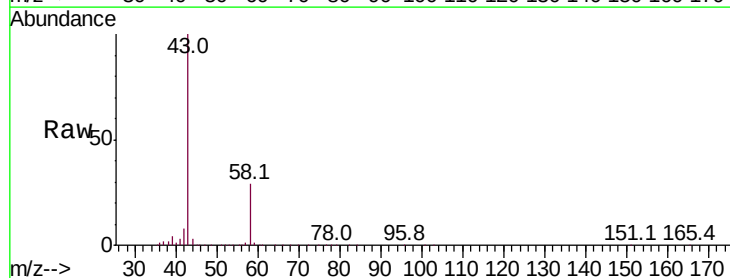
Acq: 18 Sep 2019 20:04

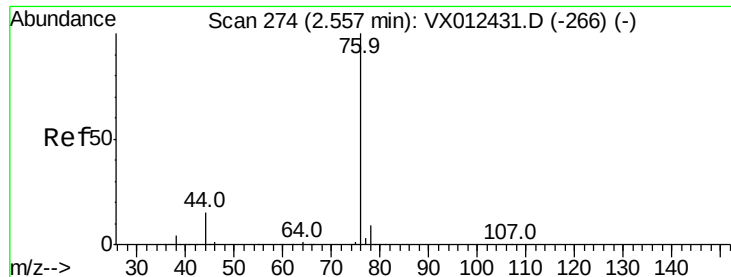
Tgt Ion: 43 Resp: 122193

Ion Ratio Lower Upper

43 100

58 29.3 23.3 34.9





#17

Carbon Disulfide

Concen: 18.017 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

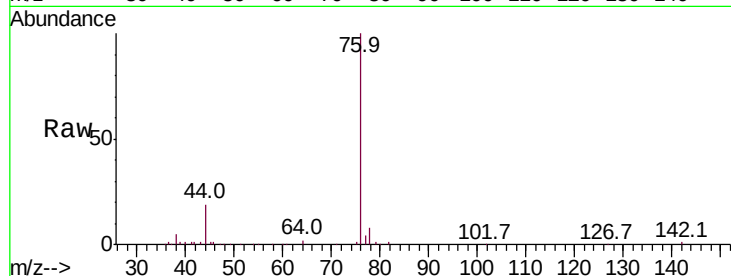
VX0918WBSD01

Tot Ion: 76 Resp: 31032

Ion Ratio Lower Upper

76 100

78 8.1 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

20000

15000

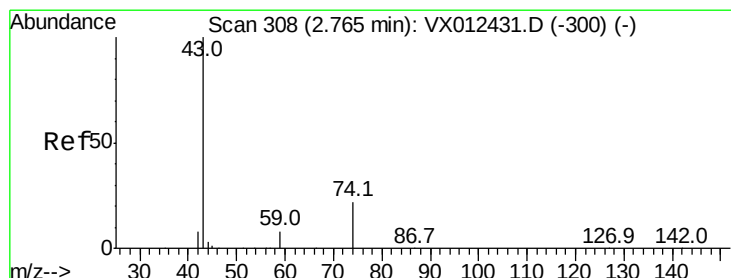
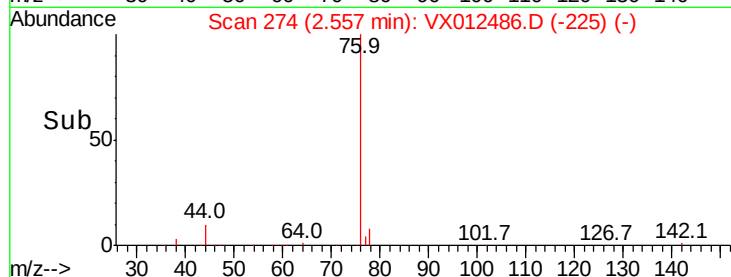
10000

5000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 19.272 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX012486.D

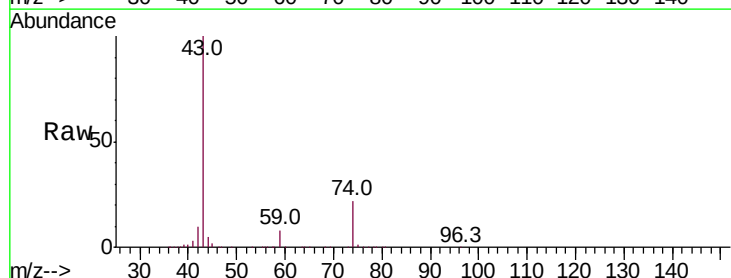
Acq: 18 Sep 2019 20:04

Tgt Ion: 43 Resp: 59727

Ion Ratio Lower Upper

43 100

74 21.8 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

40000

30000

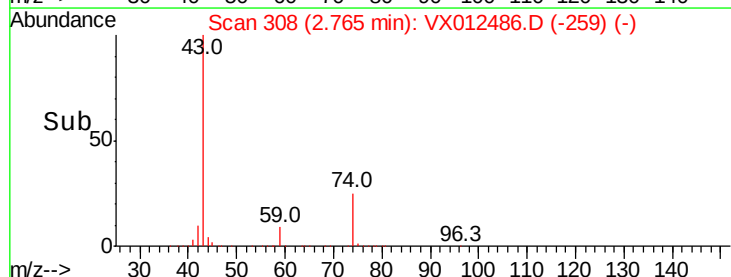
20000

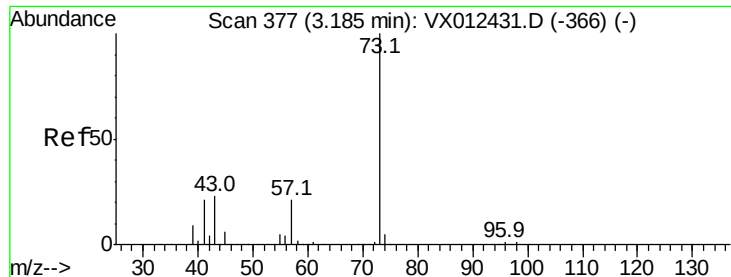
10000

0

Time-->

2.70 2.75 2.80 2.85



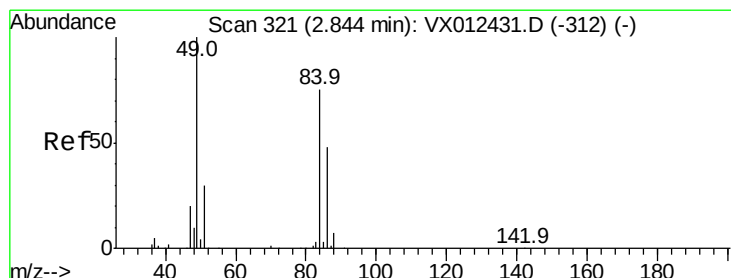
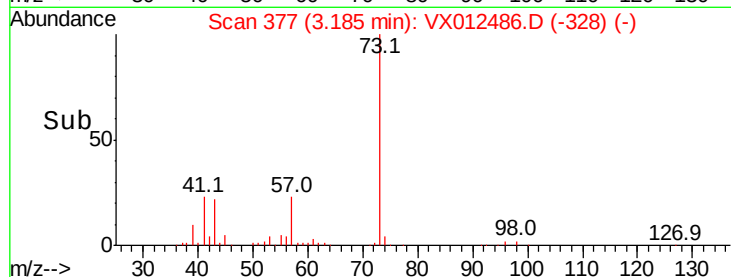
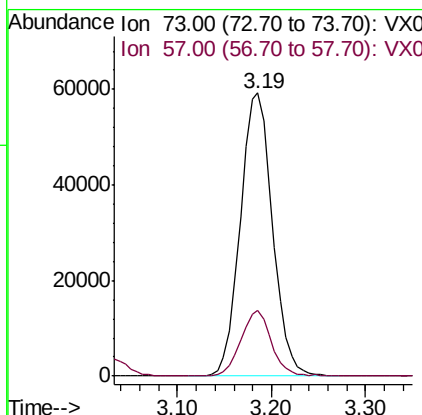
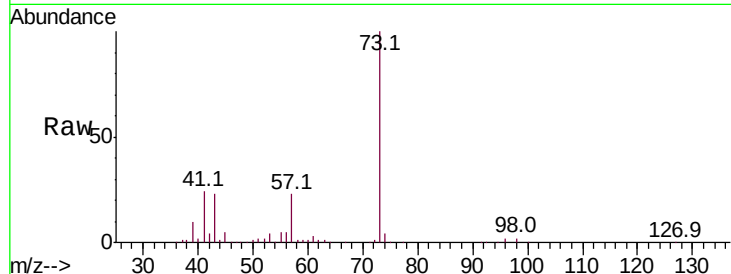


#19

Methvl tert-butyl Ether
 Concen: 19.857 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX012486.D
 Acq: 18 Sep 2019 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

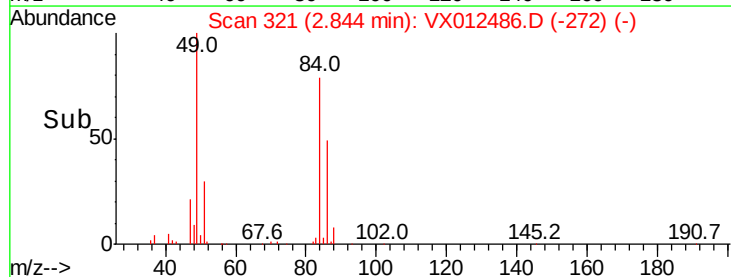
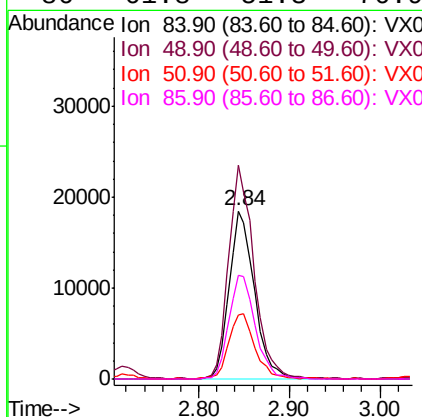
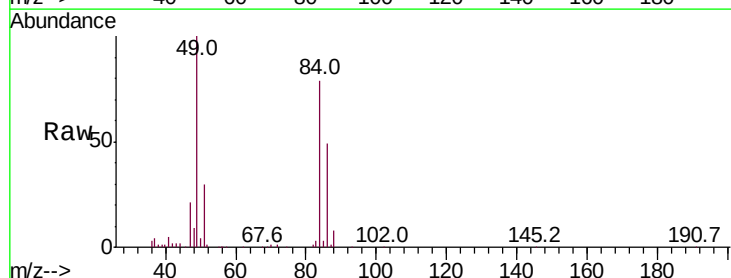
Tot Ion: 73 Resp: 141255
 Ion Ratio Lower Upper
 73 100
 57 23.4 16.8 25.2

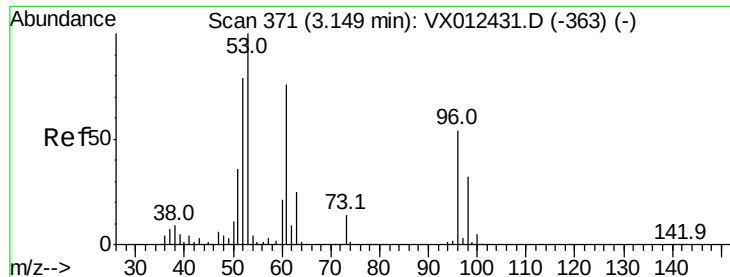


#20

Methylene Chloride
 Concen: 19.951 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX012486.D
 Acq: 18 Sep 2019 20:04

Tgt Ion: 84 Resp: 35911
 Ion Ratio Lower Upper
 84 100
 49 127.0 106.8 160.2
 51 38.4 32.3 48.5
 86 61.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.069 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

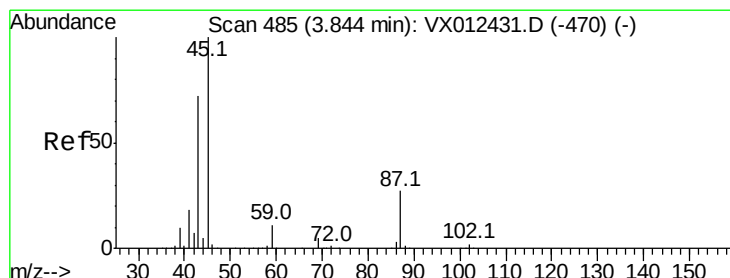
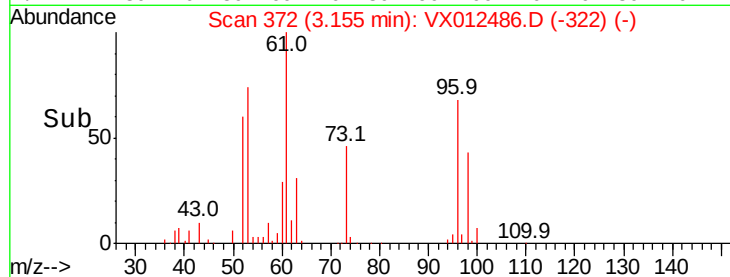
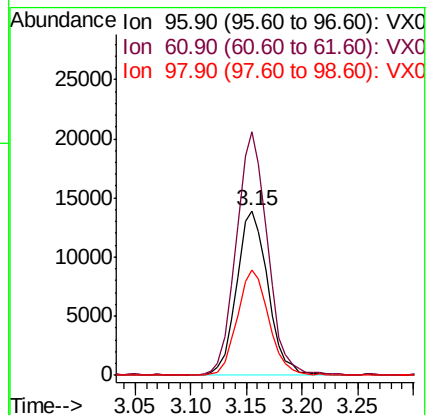
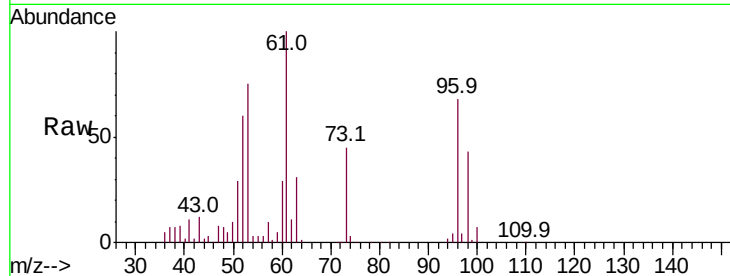
Tot Ion: 96 Resp: 27190

Ion Ratio Lower Upper

96 100

61 147.8 112.0 168.0

98 64.1 47.8 71.8



#22

Diisopropyl ether

Concen: 19.847 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Tgt Ion: 45 Resp: 141156

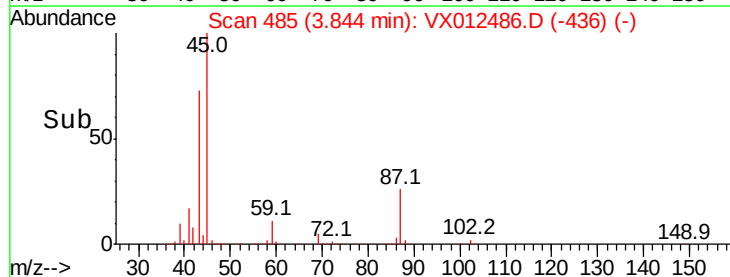
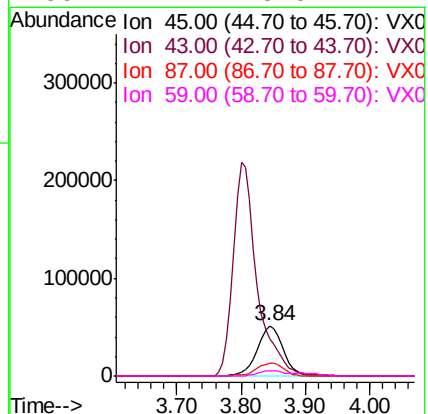
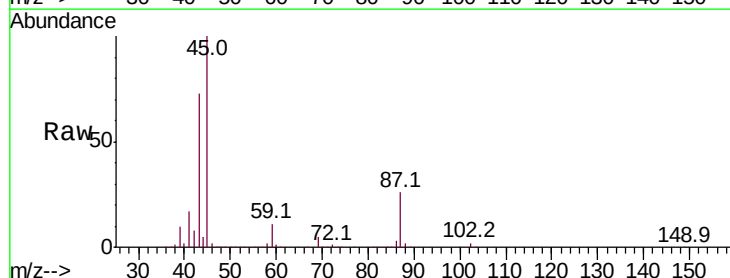
Ion Ratio Lower Upper

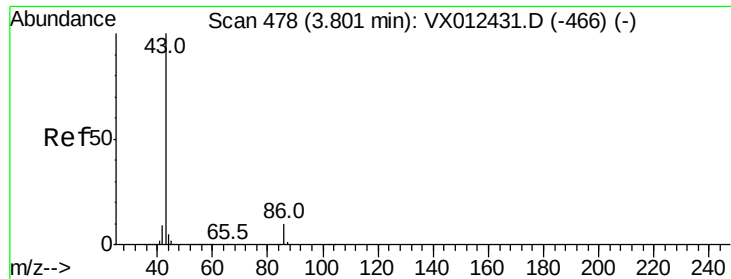
45 100

43 73.2 57.8 86.8

87 25.7 21.3 31.9

59 11.1 8.5 12.7





#23

Vinyl Acetate

Concen: 97.537 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

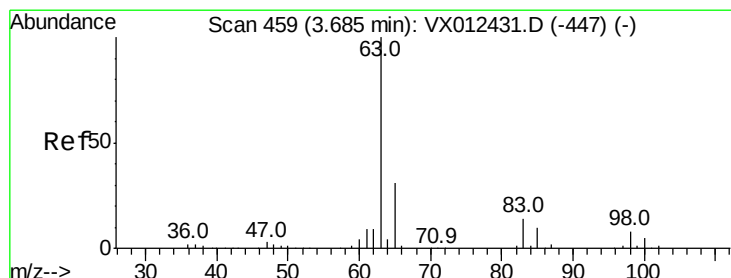
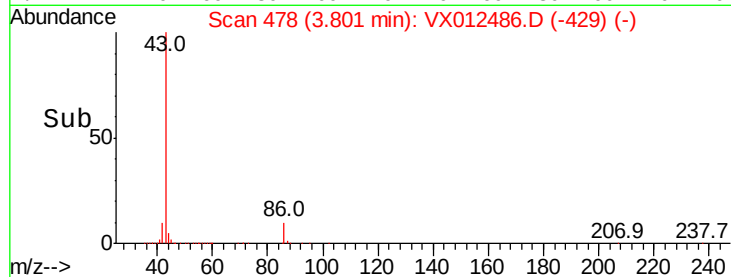
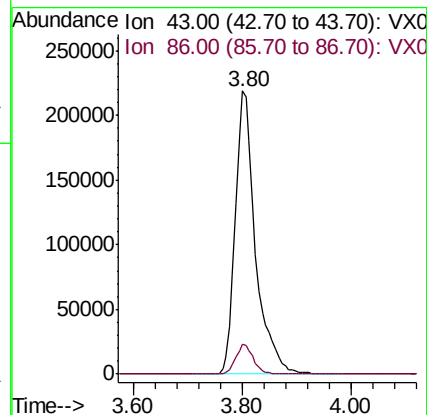
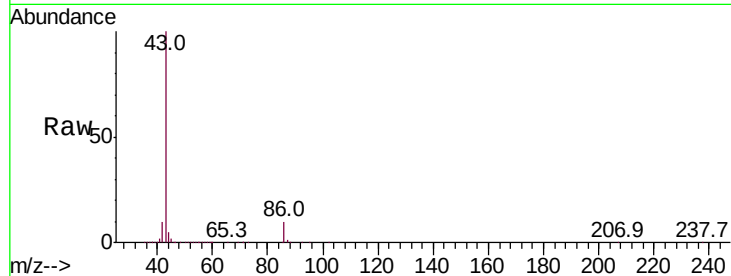
VX0918WBSD01

Tot Ion: 43 Resp: 570641

Ion Ratio Lower Upper

43 100

86 10.4 7.8 11.8



#24

1,1-Dichloroethane

Concen: 20.355 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

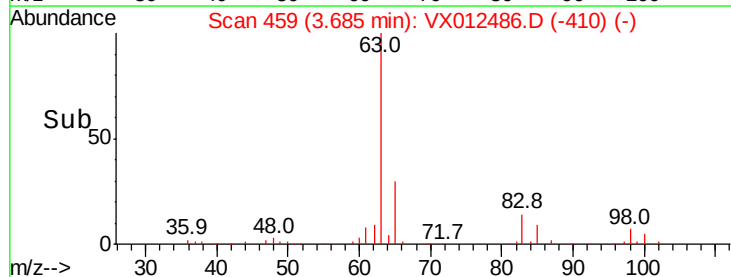
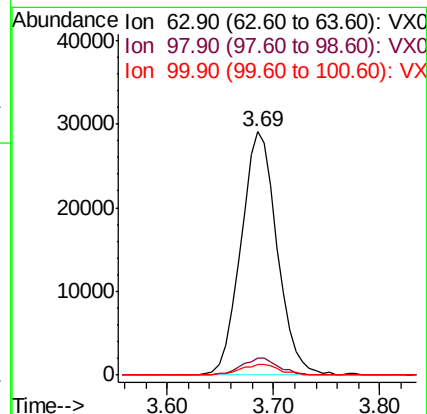
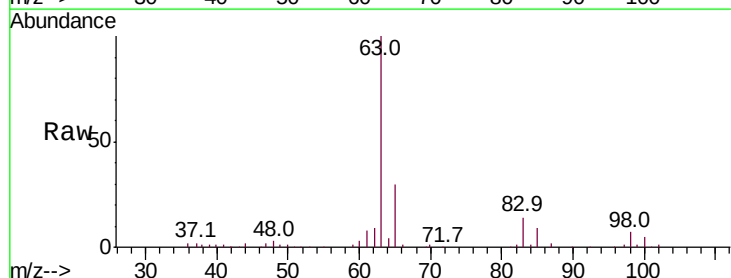
Tgt Ion: 63 Resp: 69267

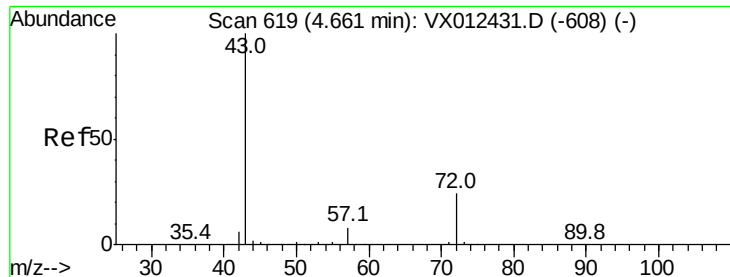
Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.7

100 4.6 2.3 6.9





#25

2-Butanone

Concen: 90.244 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

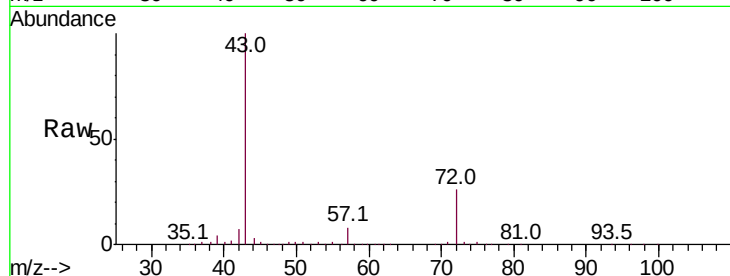
VX0918WBSD01

Tot Ion: 43 Resp: 186183

Ion Ratio Lower Upper

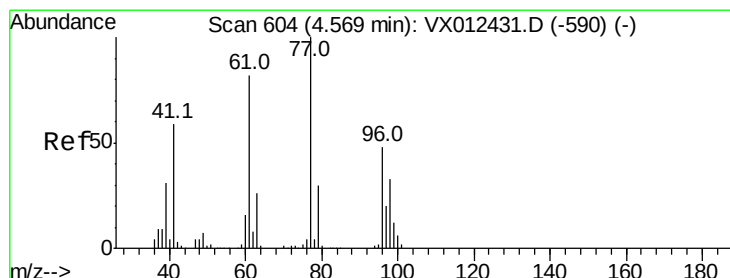
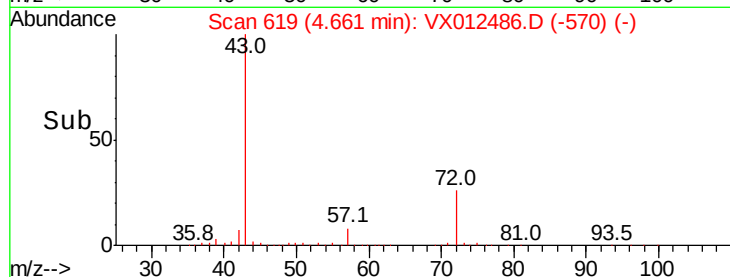
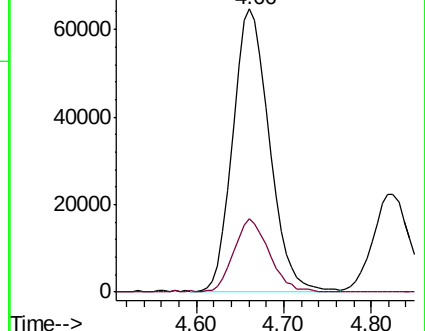
43 100

72 25.8 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: 17.701 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012486.D

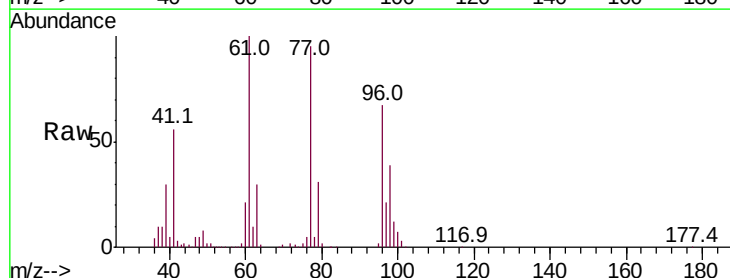
Acq: 18 Sep 2019 20:04

Tgt Ion: 77 Resp: 59239

Ion Ratio Lower Upper

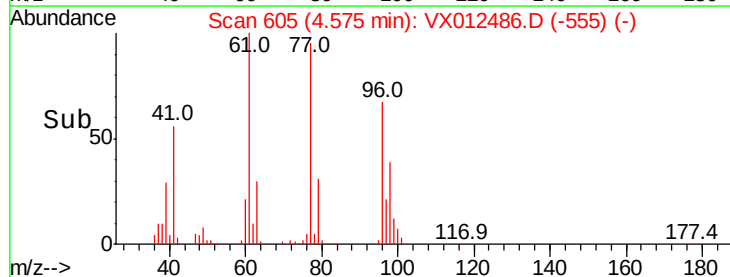
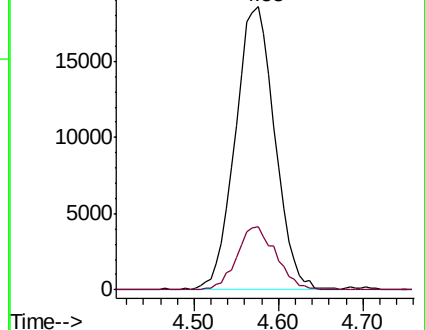
77 100

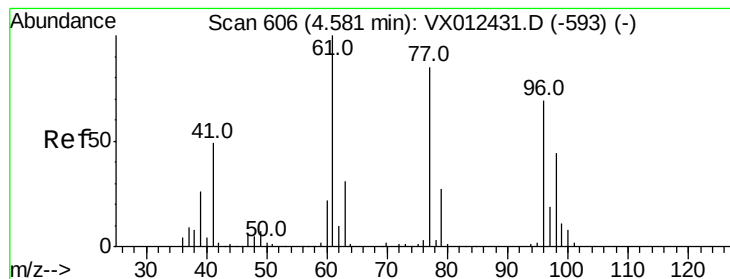
97 22.0 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



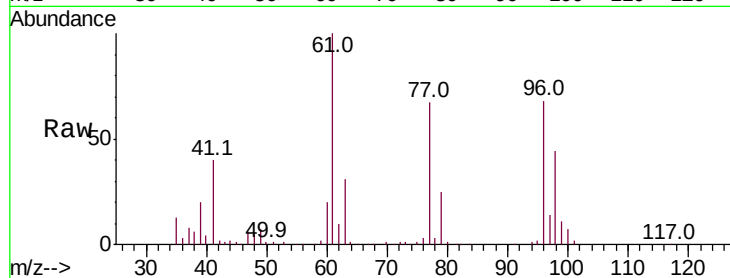


#27

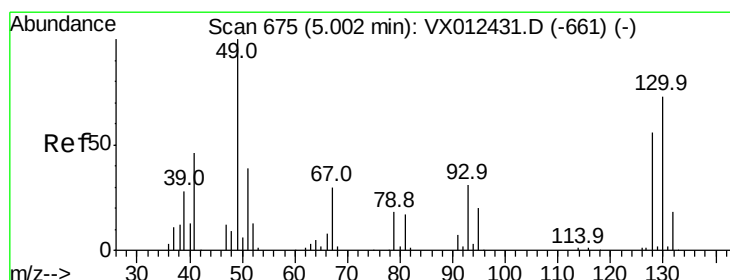
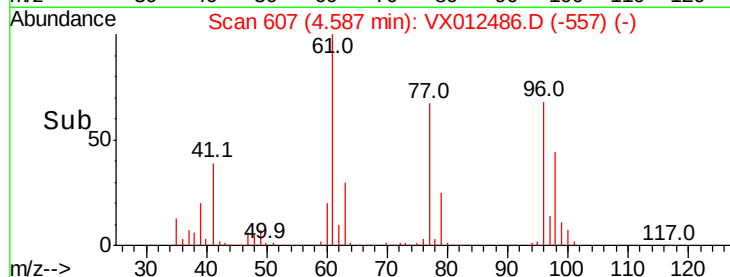
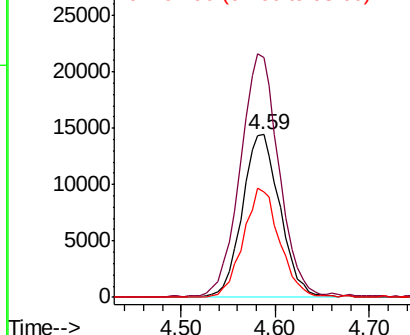
cis-1,2-Dichloroethene
Concen: 20.036 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion: 96 Resp: 40551
Ion Ratio Lower Upper
96 100
61 152.4 0.0 319.4
98 64.8 0.0 130.6



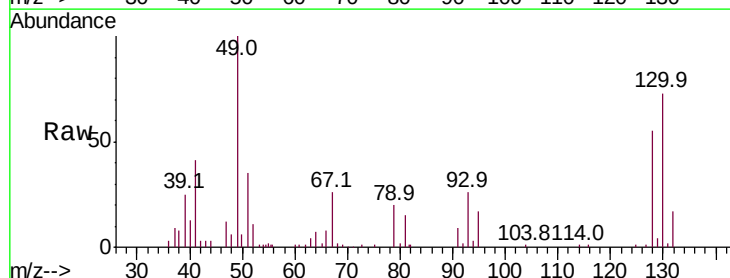
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



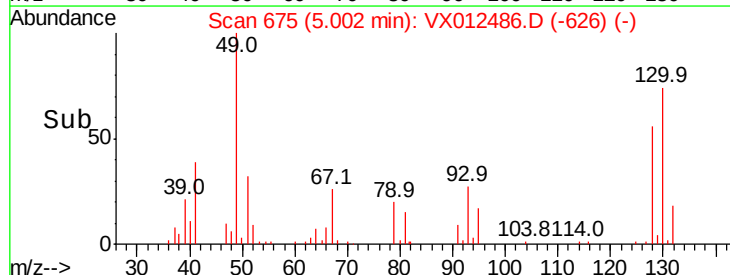
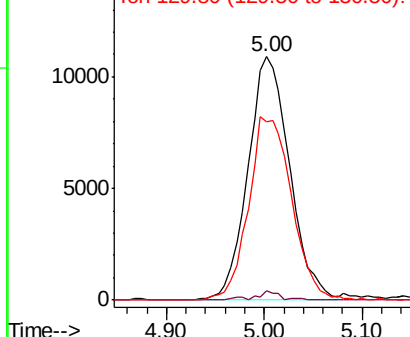
#28

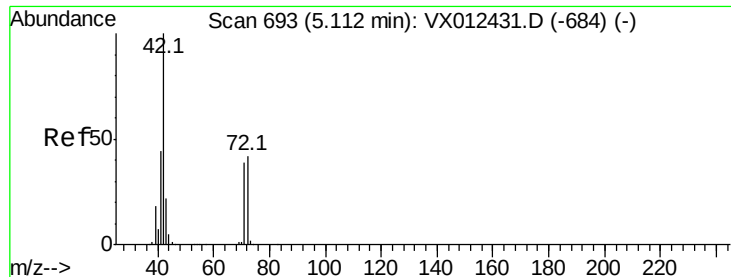
Bromochloromethane
Concen: 18.396 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

Tgt Ion: 49 Resp: 32273
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.8
130 77.8 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

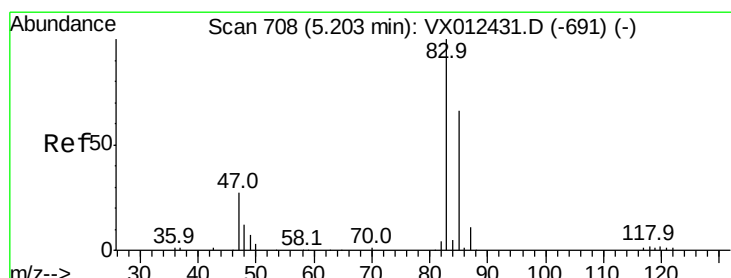
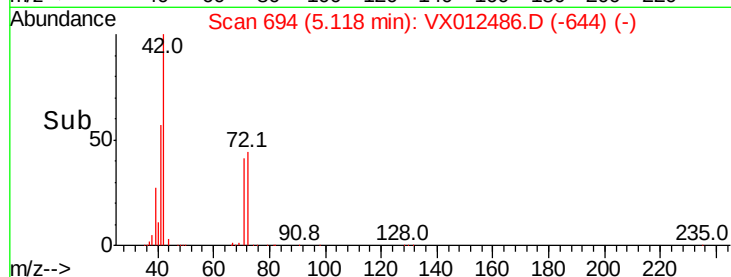
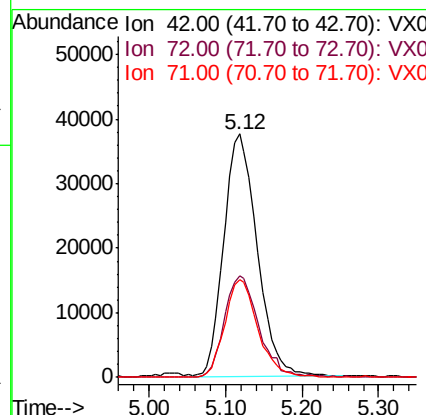
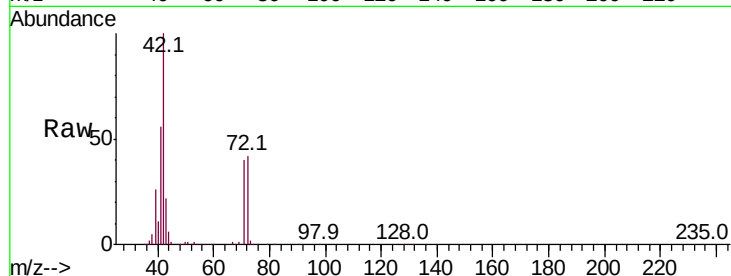




#29
Tetrahydrofuran
Concen: 99.468 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

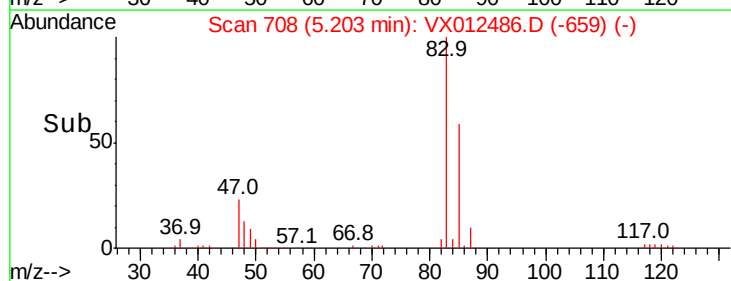
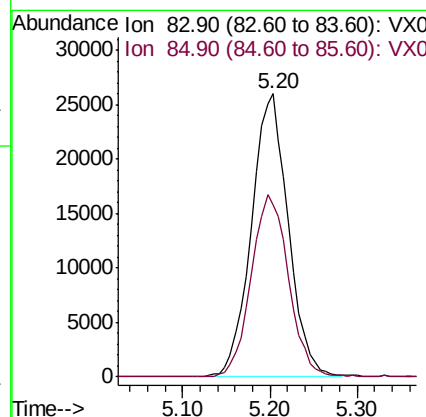
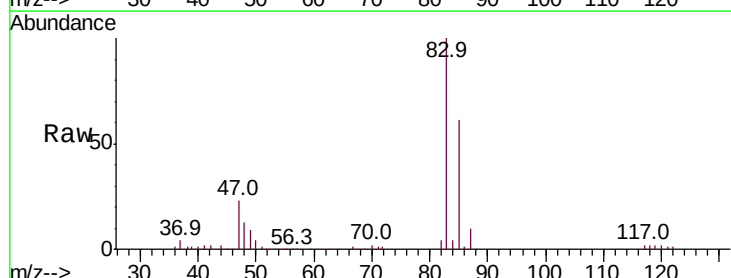
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

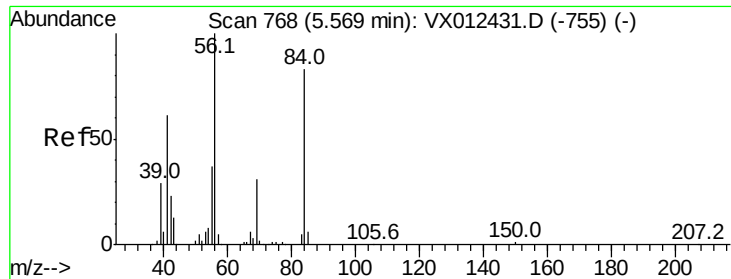
Tot Ion: 42 Resp: 113367
Ion Ratio Lower Upper
42 100
72 43.5 34.0 51.0
71 39.8 31.5 47.3



#30
Chloroform
Concen: 19.524 ug/l
RT: 5.20 min Scan# 708
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

Tgt Ion: 83 Resp: 76303
Ion Ratio Lower Upper
83 100
85 60.9 53.0 79.4

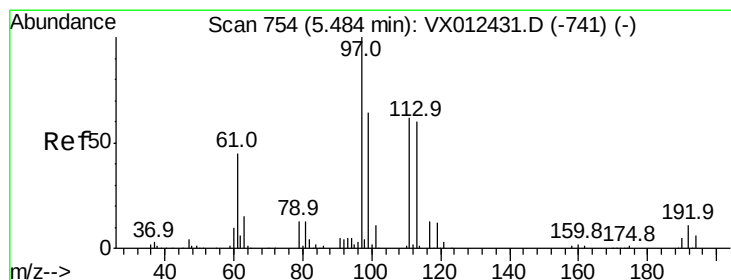
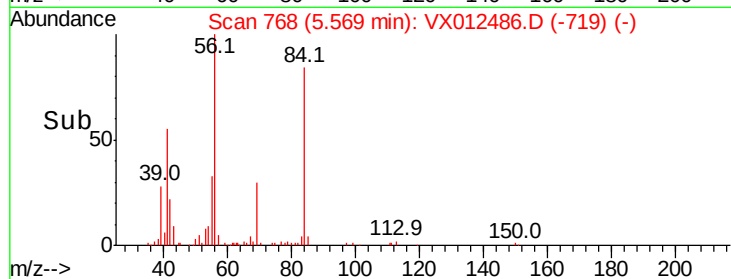
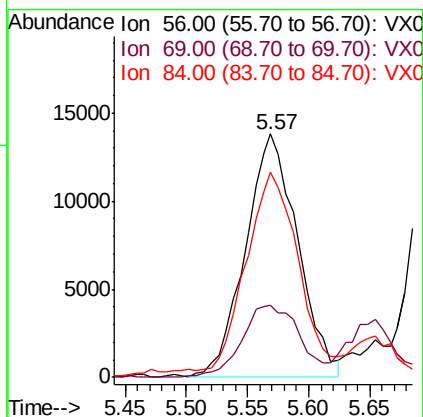
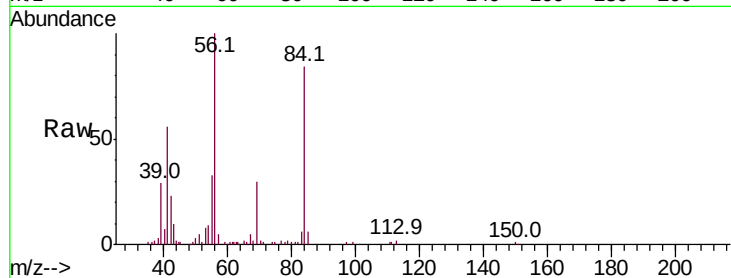




#31
Cyclohexane
Concen: 19.782 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

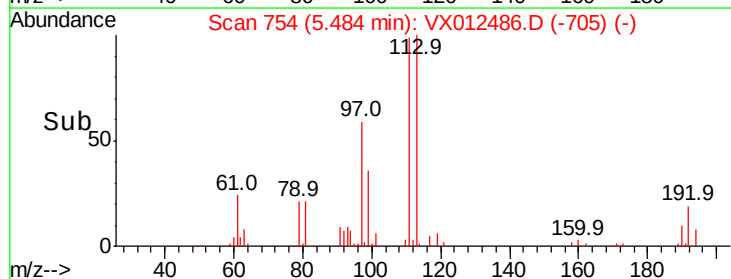
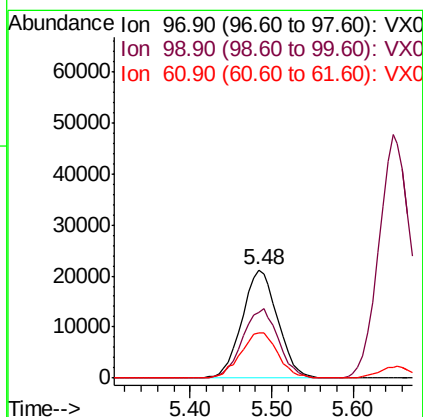
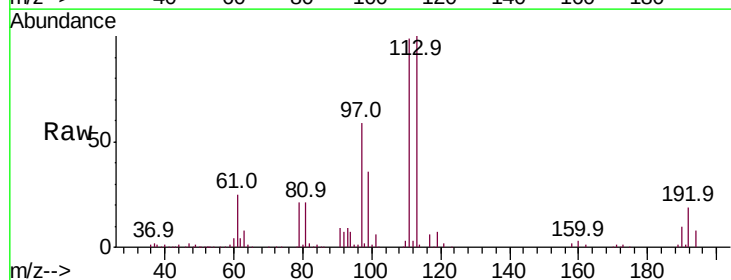
Instrument :
MSVOA_X
ClientSampled :
VX0918WBSD01

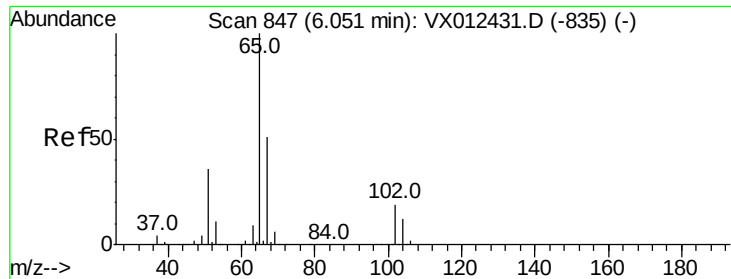
Tot Ion: 56 Resp: 40636
Ion Ratio Lower Upper
56 100
69 29.1 25.0 37.6
84 81.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.667 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

Tgt Ion: 97 Resp: 64240
Ion Ratio Lower Upper
97 100
99 64.6 51.3 76.9
61 44.2 36.1 54.1

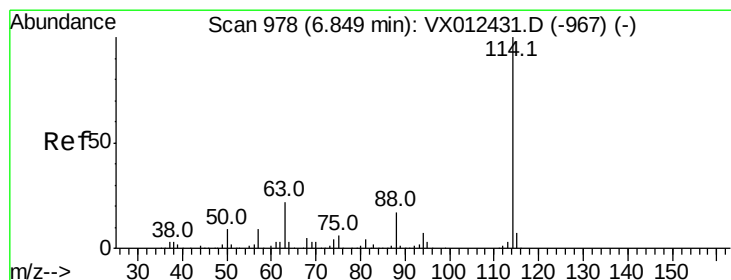
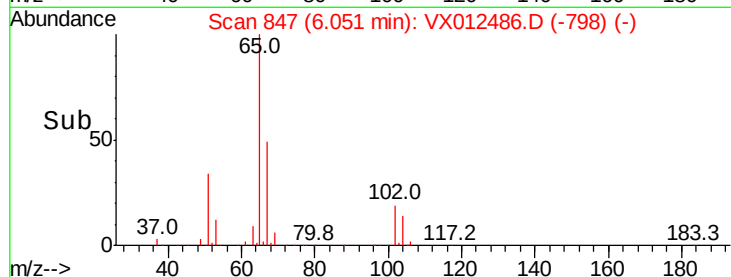
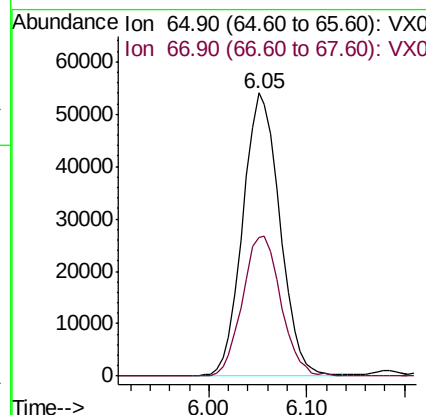
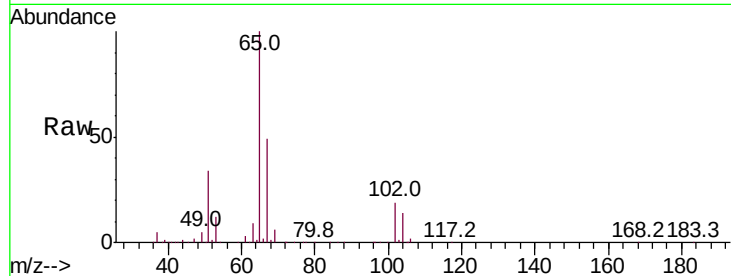




#33
 1,2-Dichloroethane-d4
 Concen: 47.825 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012486.D
 Acq: 18 Sep 2019 20:04

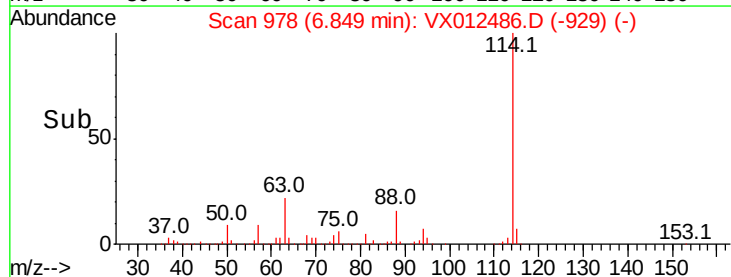
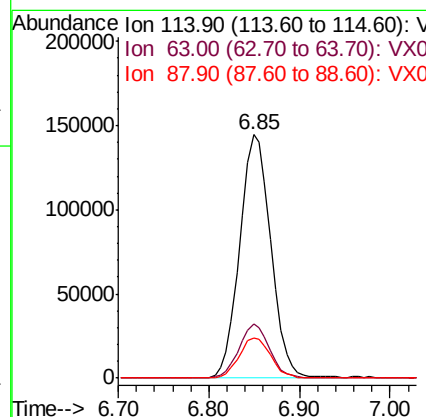
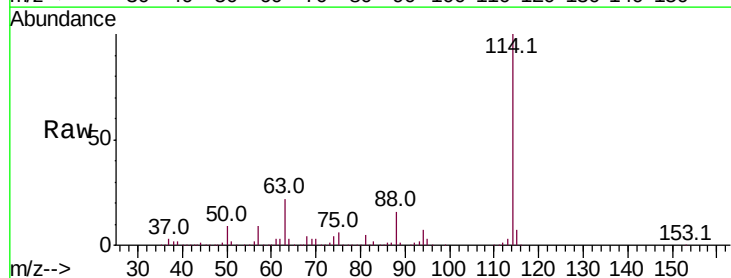
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

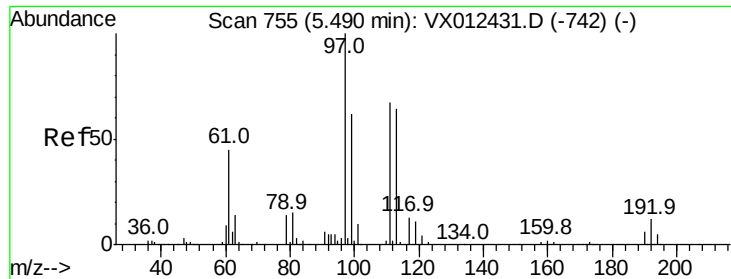
Tot Ion: 65 Resp: 142242
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012486.D
 Acq: 18 Sep 2019 20:04

Tgt Ion:114 Resp: 345114
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.2
 88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.772 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

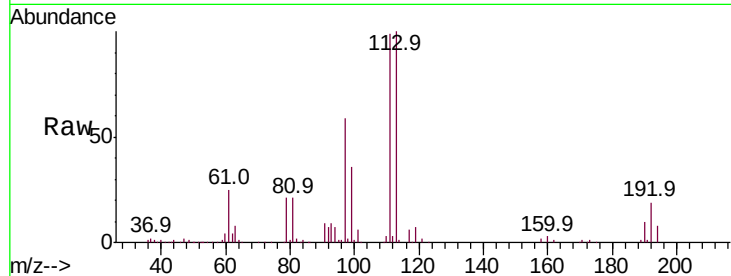
Tot Ion:113 Resp: 103965

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

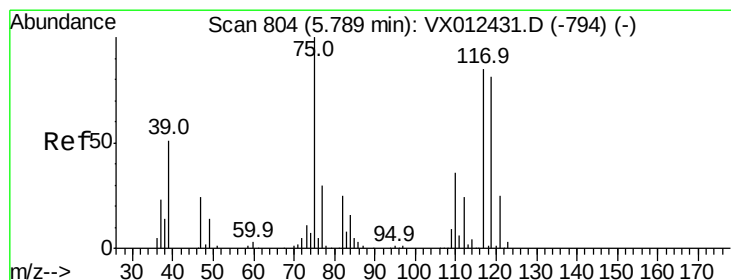
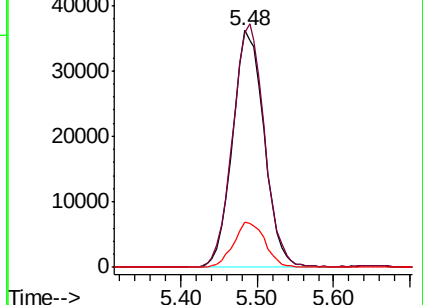
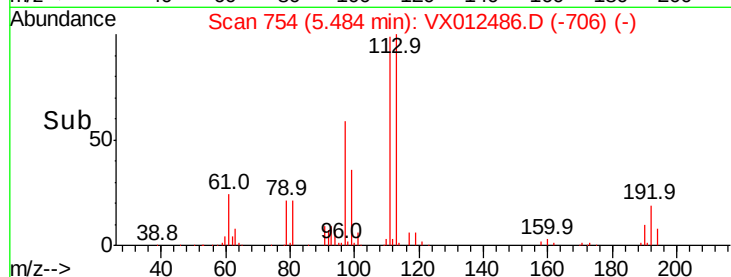
192 18.8 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.566 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

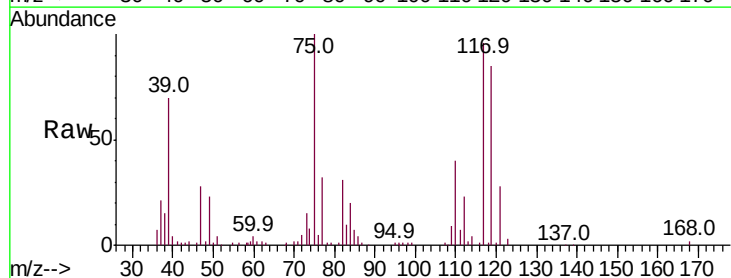
Tgt Ion: 75 Resp: 41039

Ion Ratio Lower Upper

75 100

110 35.7 16.7 50.0

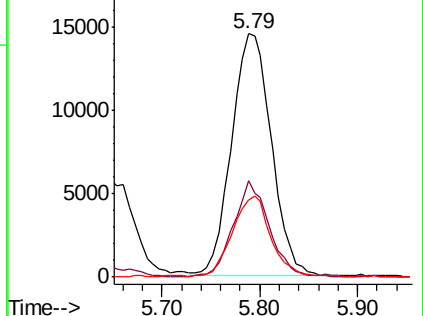
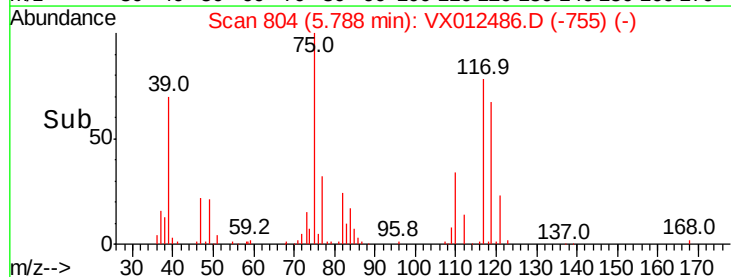
77 32.5 24.2 36.2

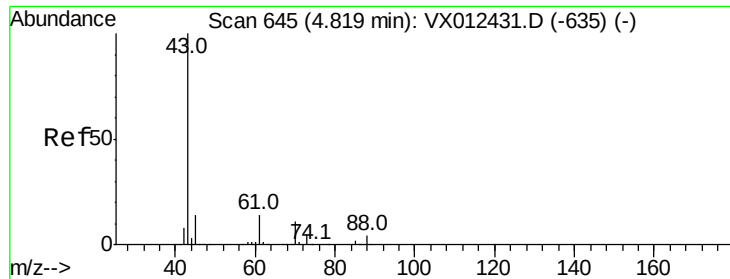


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

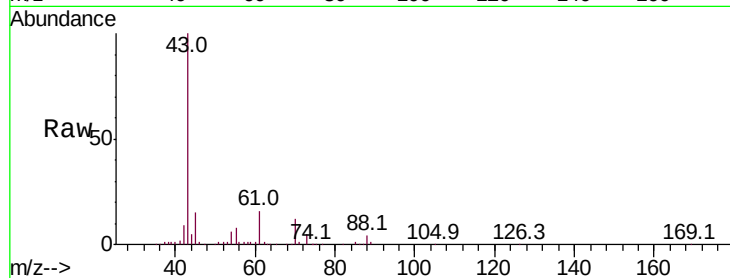




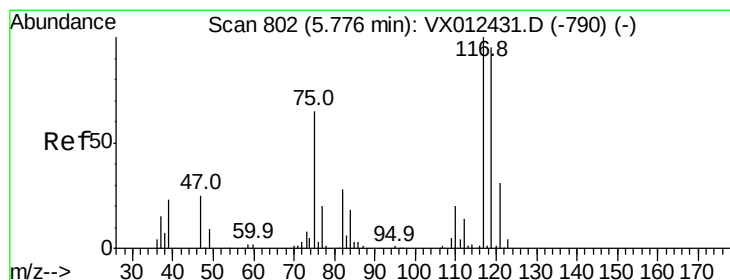
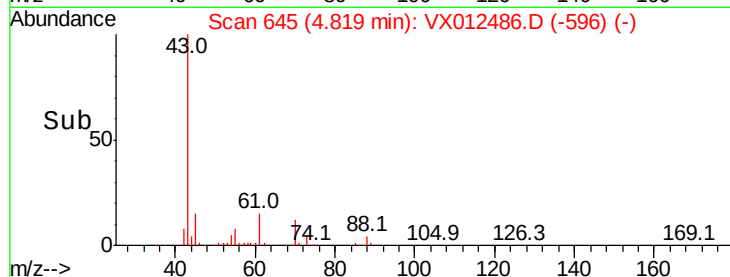
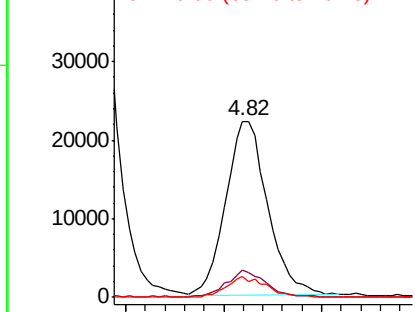
#37
Ethyl Acetate
Concen: 20.402 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion: 43 Resp: 65686
Ion Ratio Lower Upper
43 100
61 14.9 10.2 15.4
70 11.5 8.7 13.1

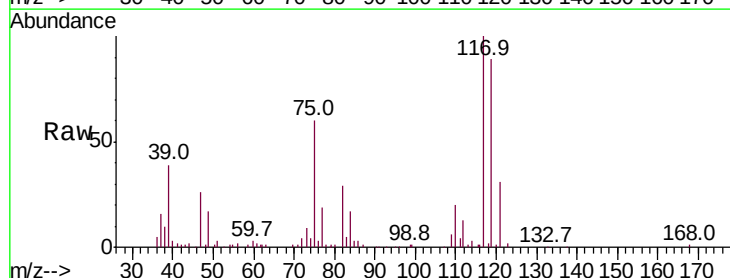


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

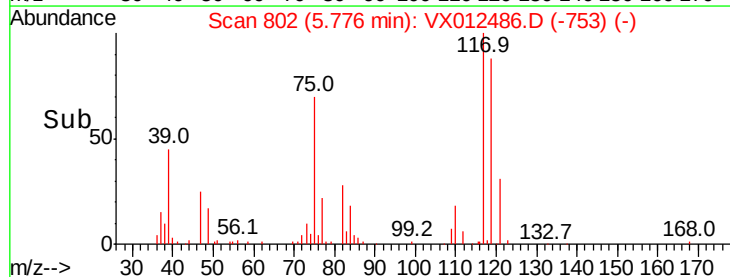
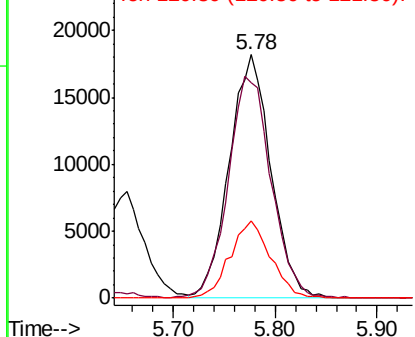


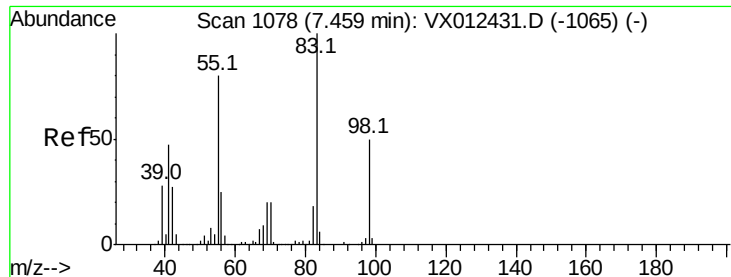
#38
Carbon Tetrachloride
Concen: 19.754 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

Tgt Ion: 117 Resp: 51532
Ion Ratio Lower Upper
117 100
119 88.5 75.7 113.5
121 31.5 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

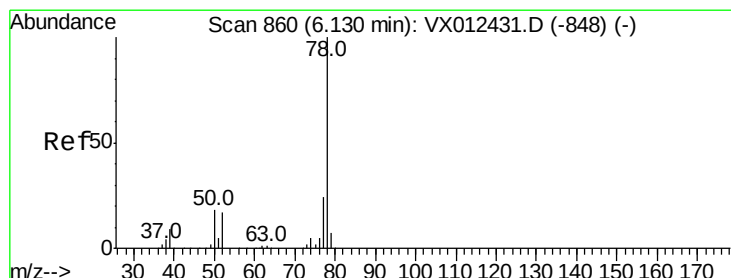
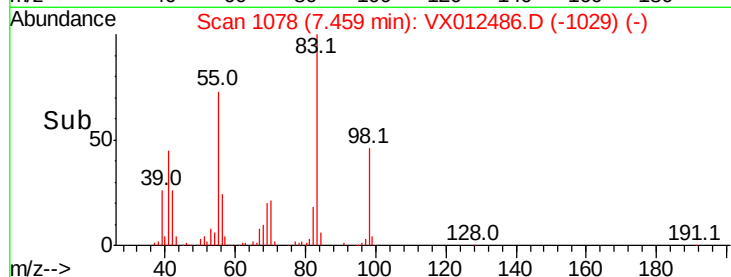
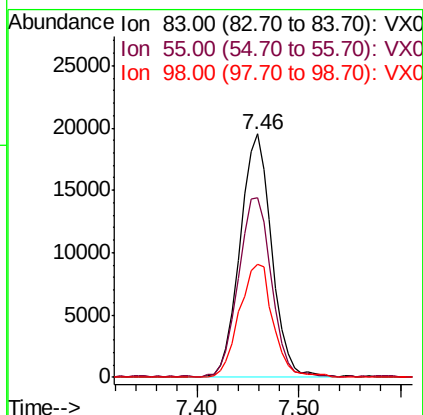
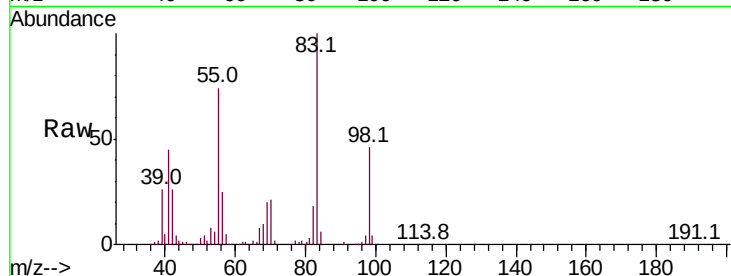




#39
Methylvlcyclohexane
Concen: 20.631 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

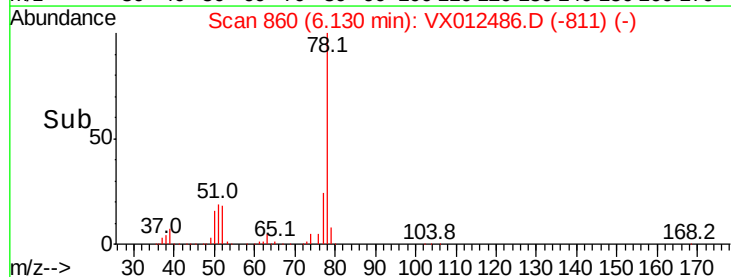
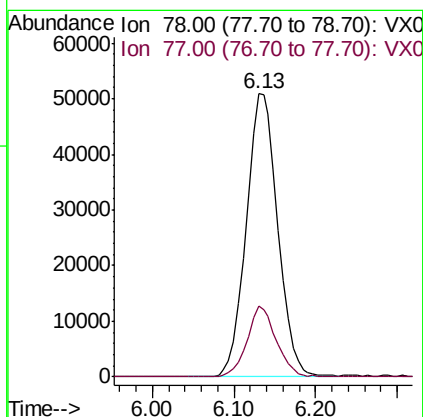
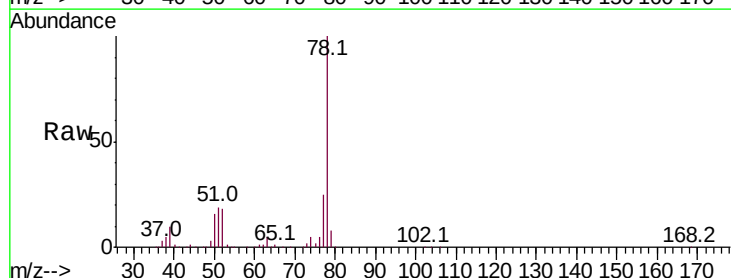
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

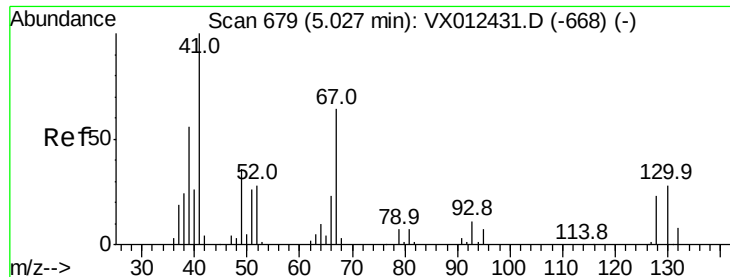
Tot Ion: 83 Resp: 42066
Ion Ratio Lower Upper
83 100
55 73.2 64.4 96.6
98 46.4 40.1 60.1



#40
Benzene
Concen: 20.542 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

Tgt Ion: 78 Resp: 137008
Ion Ratio Lower Upper
78 100
77 25.2 19.2 28.8

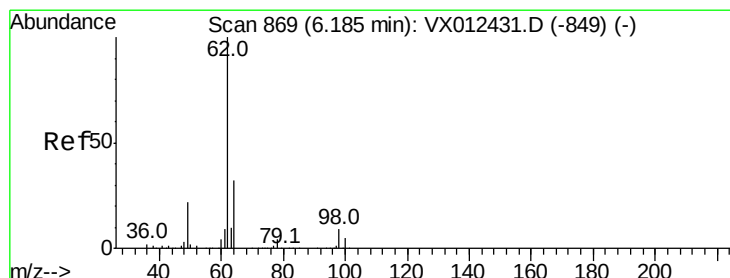
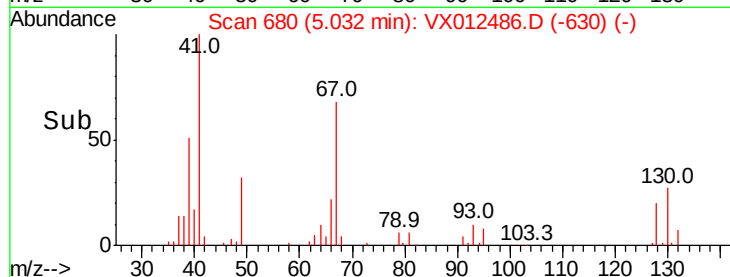
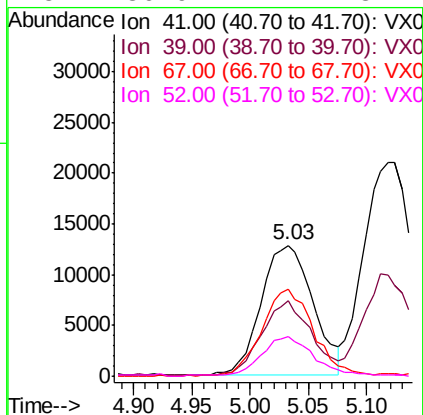
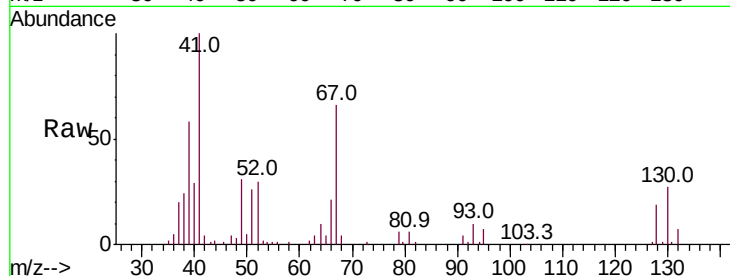




#41
Methacrylonitrile
Concen: 19.122 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

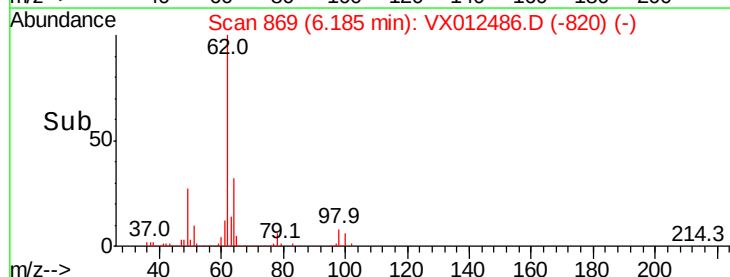
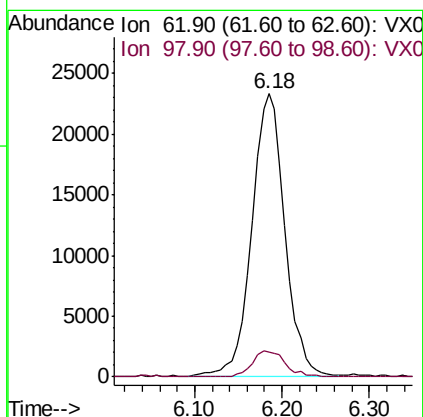
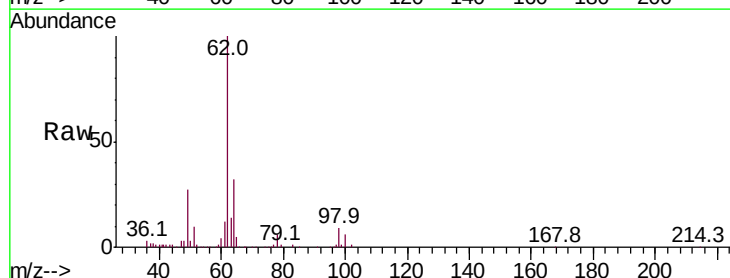
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

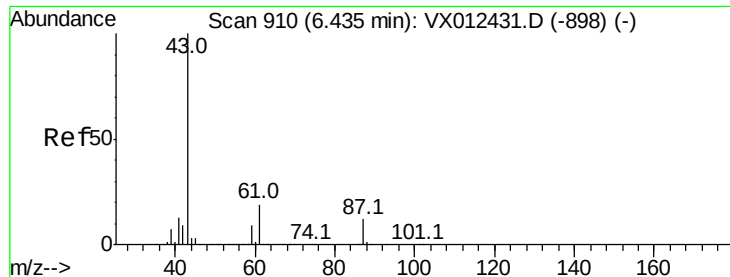
Tot Ion:	41	Resp:	39642
Ion	Ratio	Lower	Upper
41	100		
39	55.2	46.0	69.0
67	66.7	52.2	78.2
52	30.9	22.7	34.1



#42
1,2-Dichloroethane
Concen: 19.697 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

Tgt Ion:	62	Resp:	60934
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.8



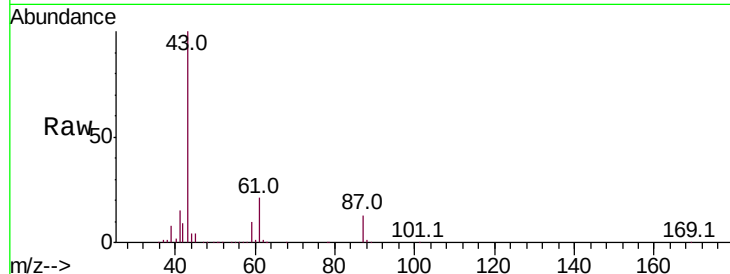


#43

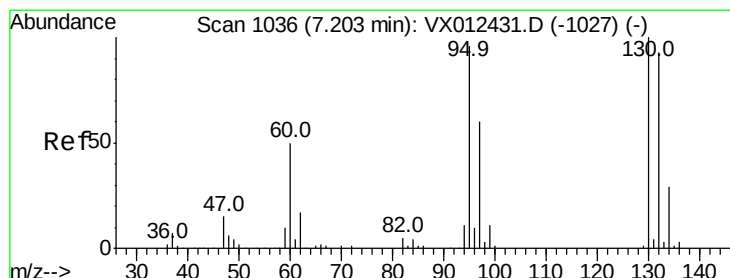
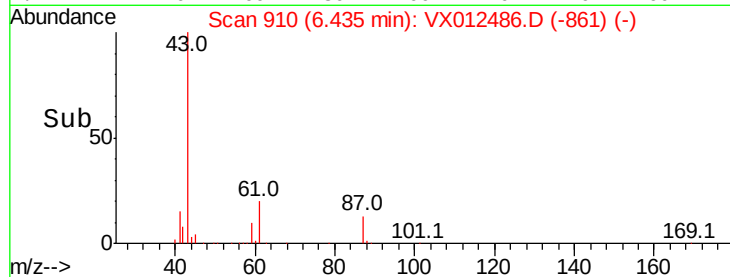
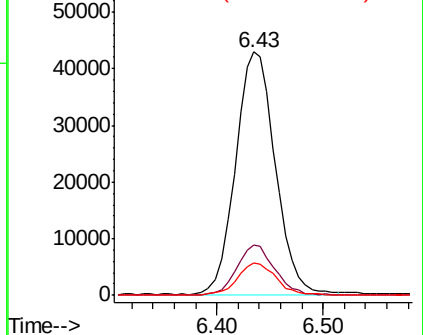
Isopropyl Acetate
 Concen: 19.397 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX012486.D
 Acq: 18 Sep 2019 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Tot Ion	43	Resp	112086
Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.4	23.0
87	13.0	9.8	14.8



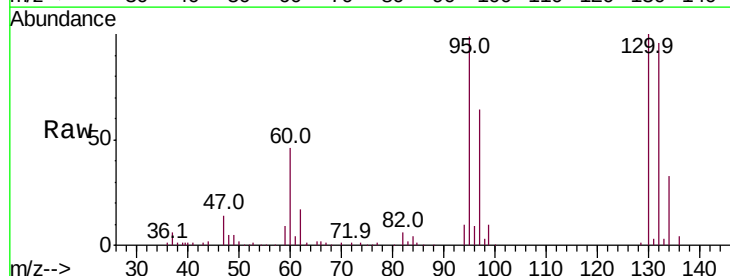
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



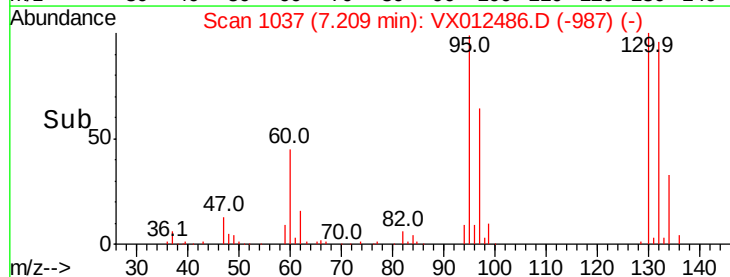
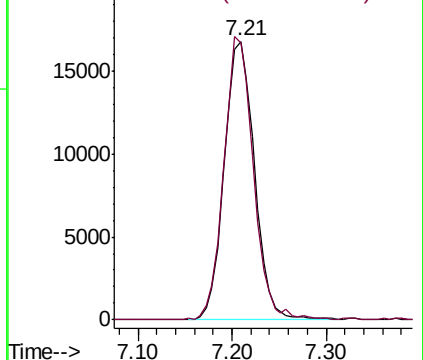
#44

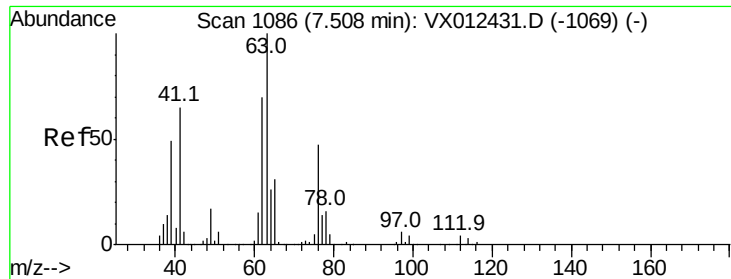
Trichloroethene
 Concen: 21.266 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012486.D
 Acq: 18 Sep 2019 20:04

Tgt Ion	130	Resp	37312
Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	193.0



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





#45

1,2-Dichloropropane

Concen: 19.879 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

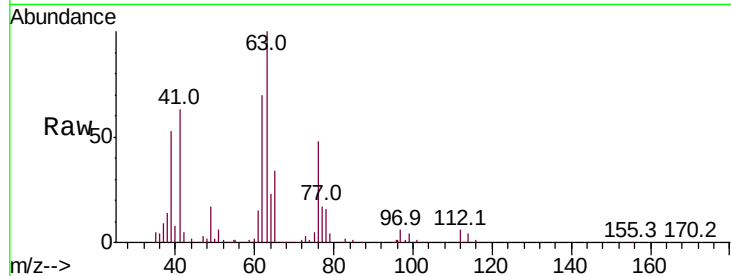
VX0918WBSD01

Tot Ion: 63 Resp: 40734

Ion Ratio Lower Upper

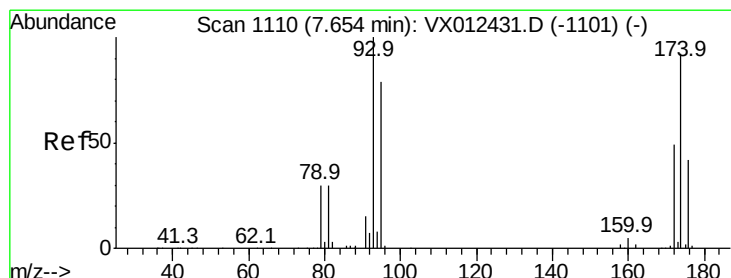
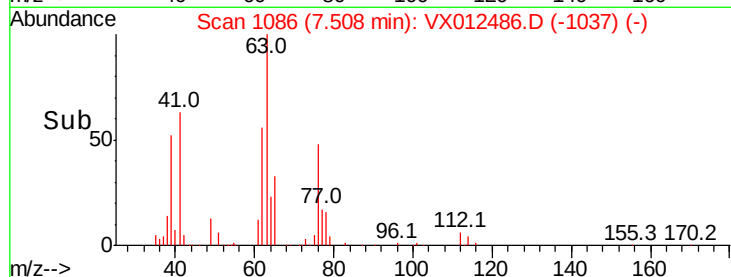
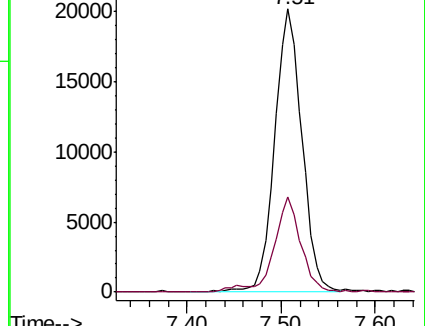
63 100

65 33.8 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.279 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

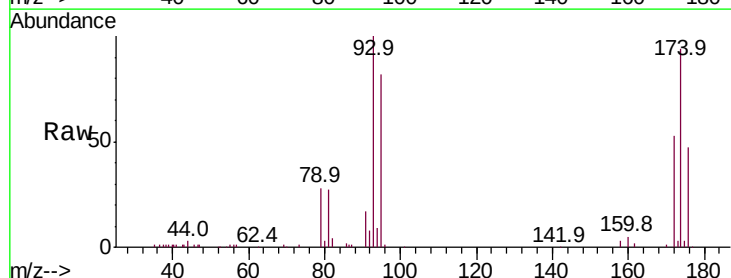
Tgt Ion: 93 Resp: 26891

Ion Ratio Lower Upper

93 100

95 80.2 66.6 100.0

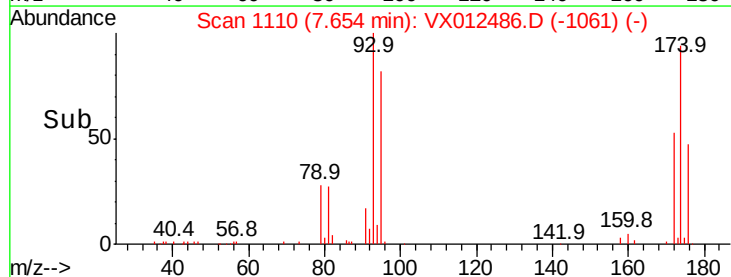
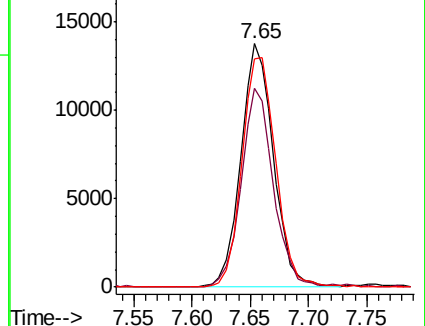
174 97.7 77.4 116.0

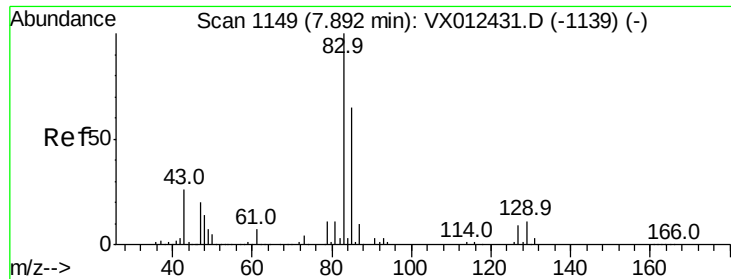


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.392 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

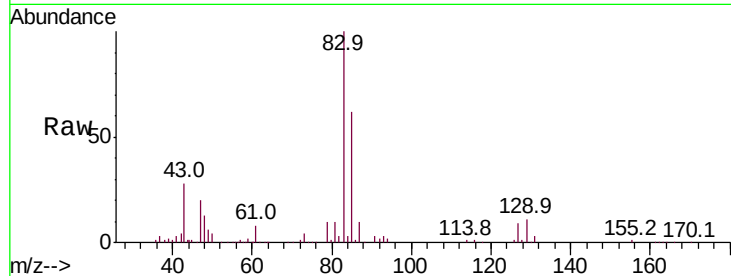
Tot Ion: 83 Resp: 57257

Ion Ratio Lower Upper

83 100

85 62.0 51.8 77.6

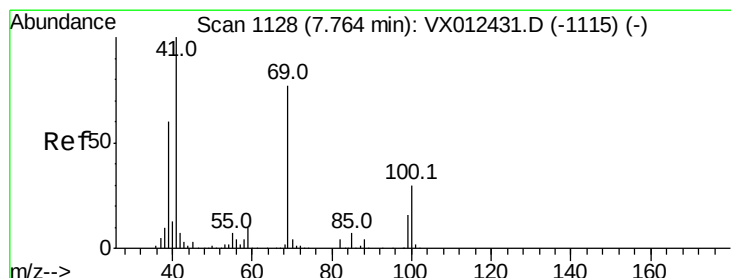
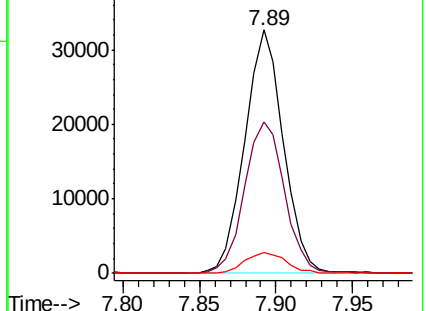
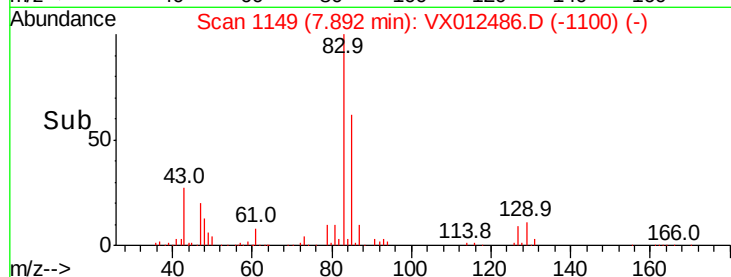
127 8.7 7.3 10.9



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: 19.231 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

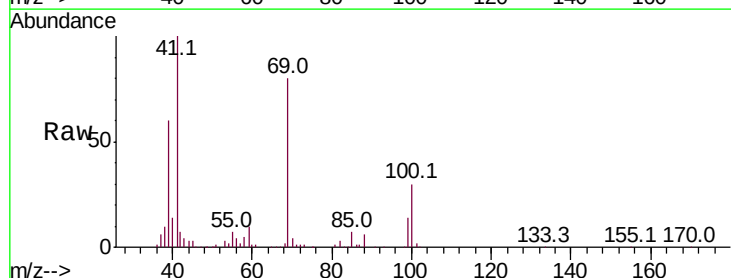
Tgt Ion: 41 Resp: 52384

Ion Ratio Lower Upper

41 100

69 78.7 59.9 89.9

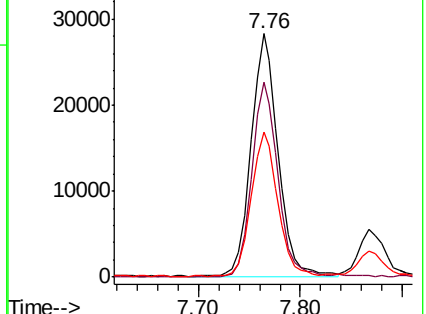
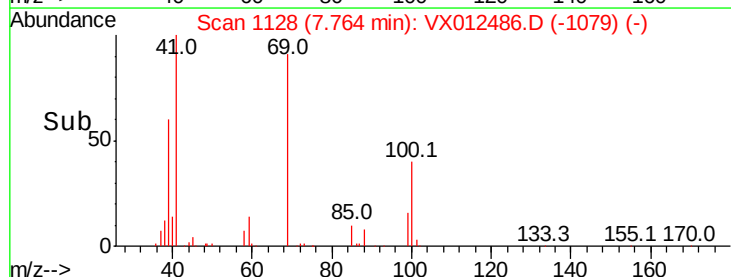
39 58.6 47.8 71.6

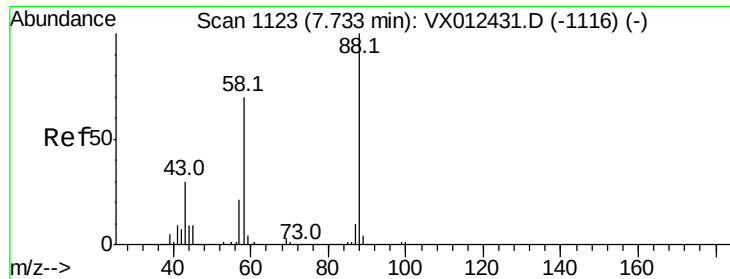


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

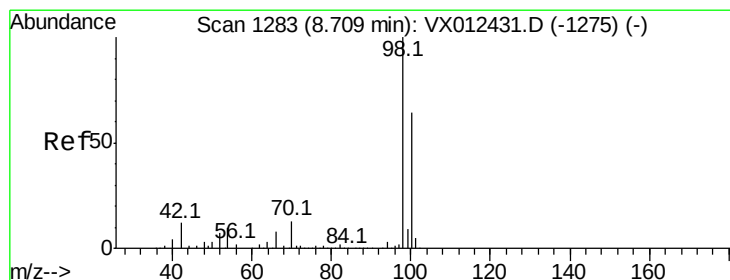
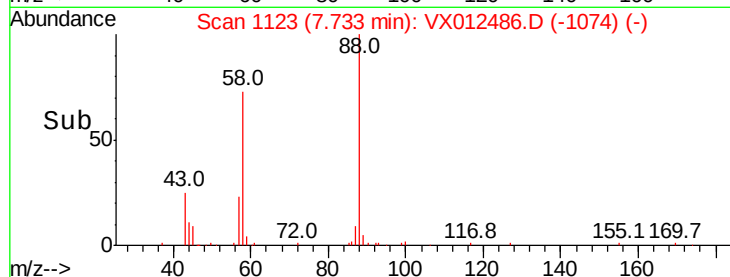
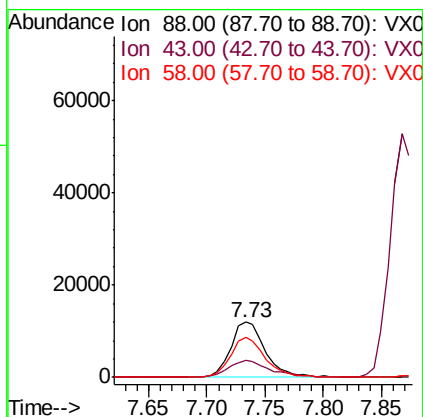
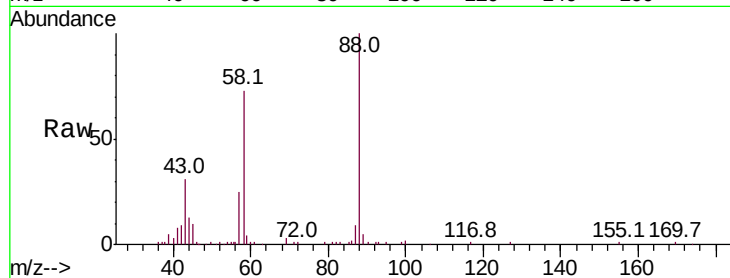




#49
1,4-Dioxane
Concen: 373.402 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

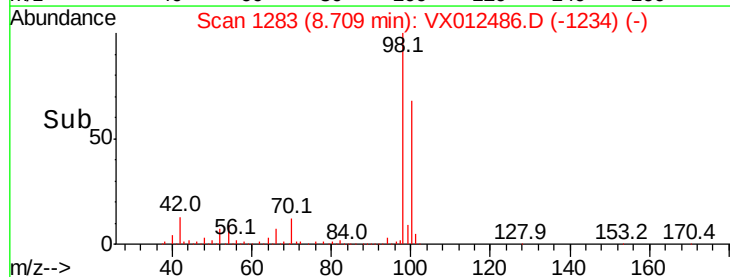
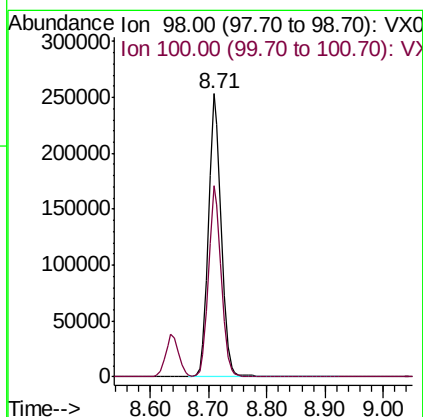
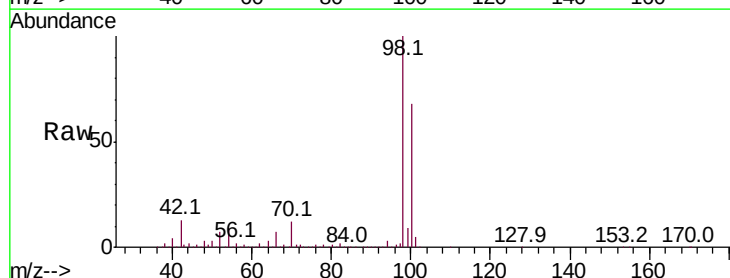
Instrument :
MSVOA_X
ClientSampled :
VX0918WBSD01

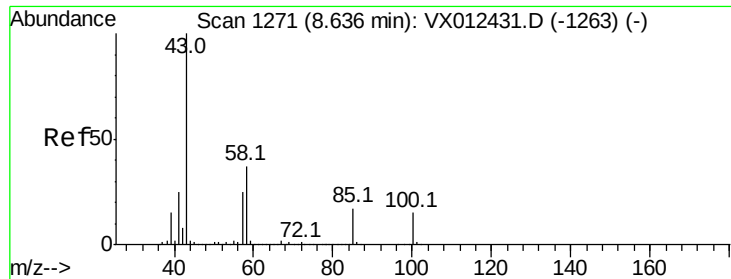
Tot Ion: 88 Resp: 24755
Ion Ratio Lower Upper
88 100
43 36.1 29.4 44.0
58 73.3 57.5 86.3



#50
Toluene-d8
Concen: 50.119 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

Tgt Ion: 98 Resp: 387501
Ion Ratio Lower Upper
98 100
100 67.4 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 98.666 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

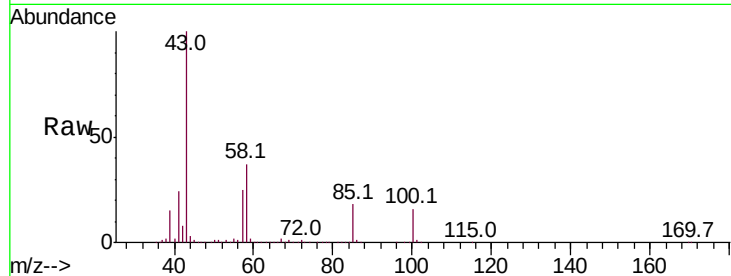
VX0918WBSD01

Tot Ion: 43 Resp: 373895

Ion Ratio Lower Upper

43 100

58 37.3 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

250000

200000

150000

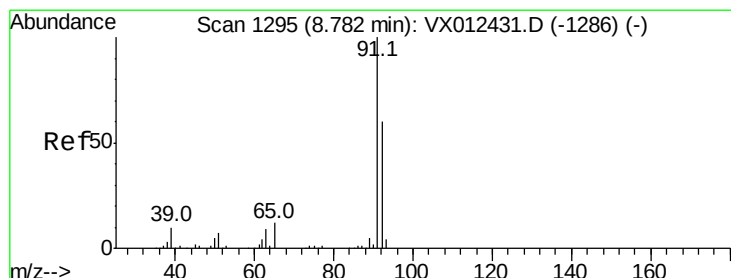
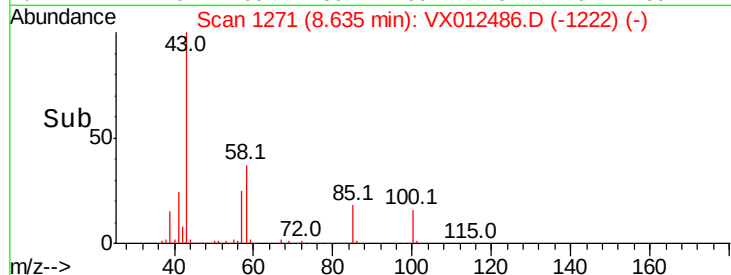
100000

50000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 20.735 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012486.D

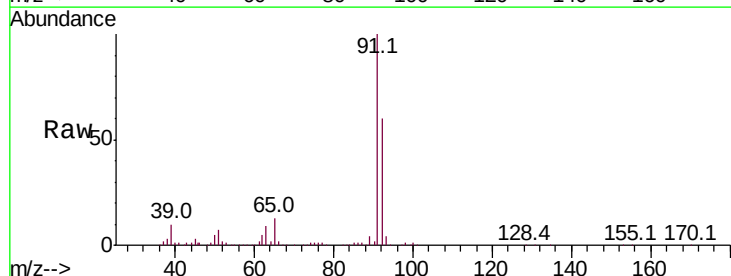
Acq: 18 Sep 2019 20:04

Tgt Ion: 92 Resp: 89115

Ion Ratio Lower Upper

92 100

91 168.5 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

100000

80000

60000

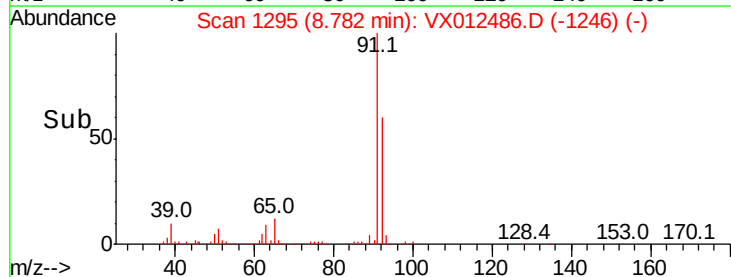
40000

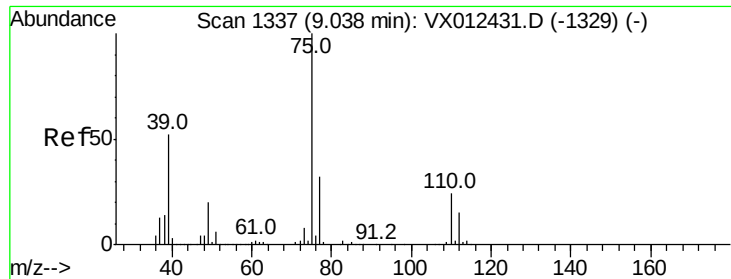
20000

0

8.70 8.75 8.80 8.85

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.839 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

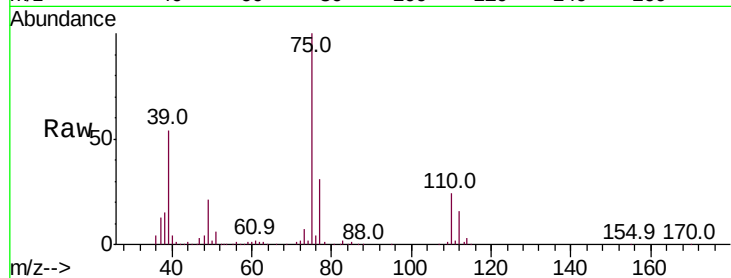
VX0918WBSD01

Tot Ion: 75 Resp: 57820

Ion Ratio Lower Upper

75 100

77 30.6 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

40000

30000

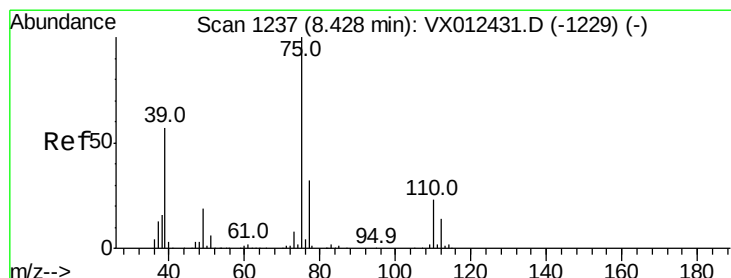
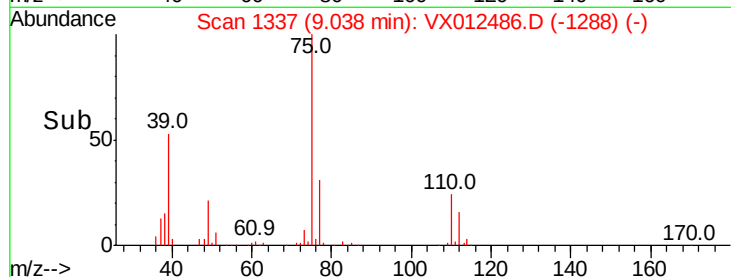
20000

10000

0

8.95 9.00 9.05 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.735 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

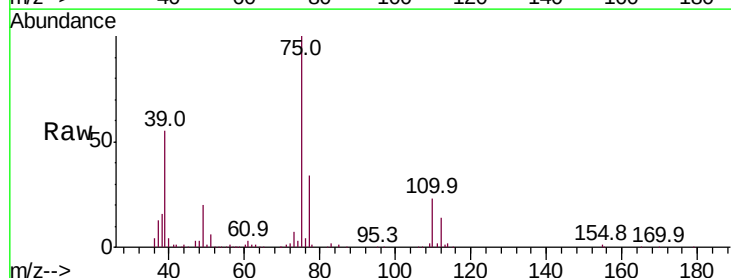
Tgt Ion: 75 Resp: 62707

Ion Ratio Lower Upper

75 100

77 34.3 25.8 38.8

39 54.3 45.5 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

50000

40000

30000

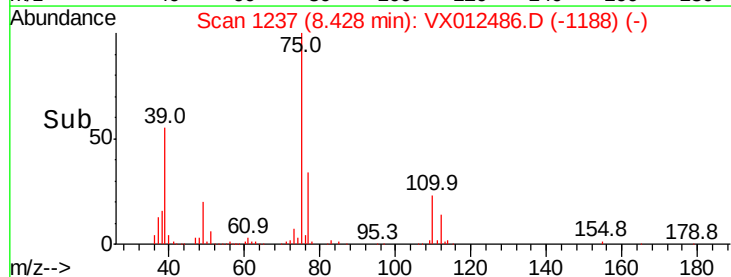
20000

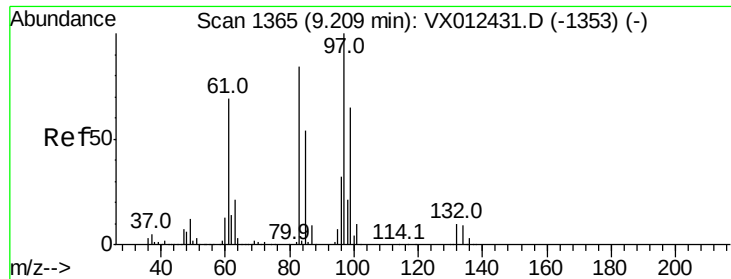
10000

0

8.35 8.40 8.45 8.50

Time-->





#55

1,1,2-Trichloroethane

Concen: 20.114 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

Tot Ion: 97 Resp: 44536

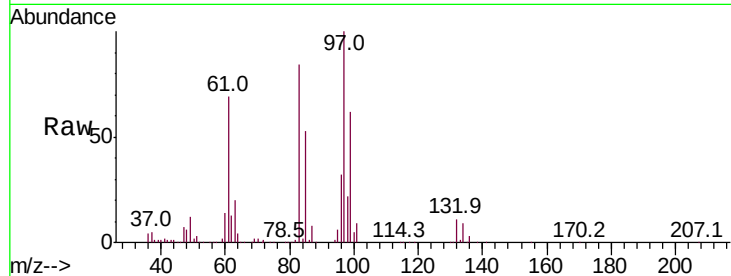
Ion Ratio Lower Upper

97 100

83 83.3 67.4 101.2

85 52.7 43.5 65.3

99 61.8 51.8 77.8

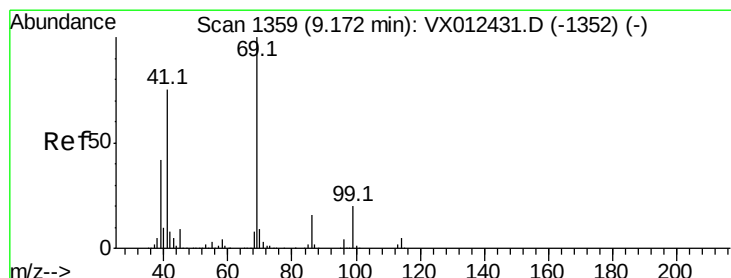
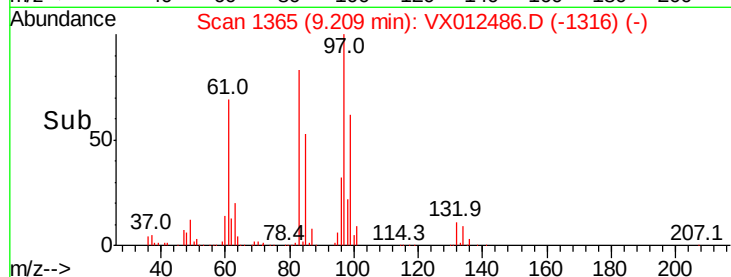
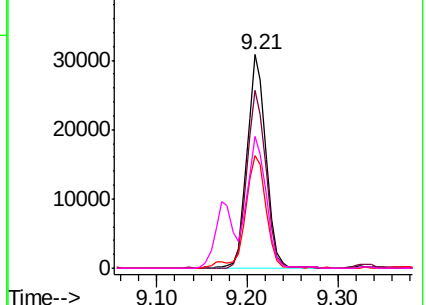


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.758 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

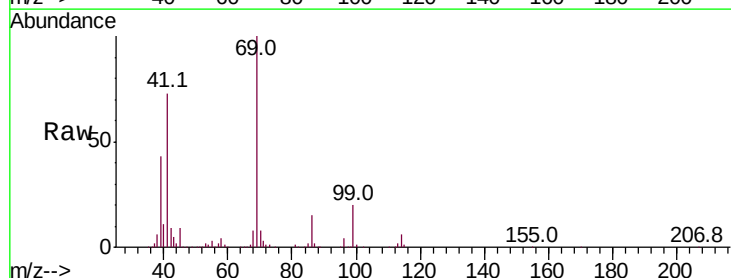
Tgt Ion: 69 Resp: 68399

Ion Ratio Lower Upper

69 100

41 70.7 58.4 87.6

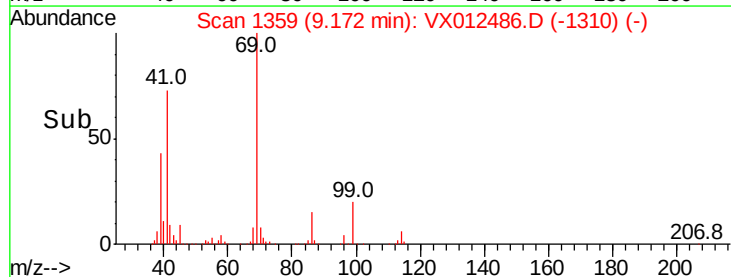
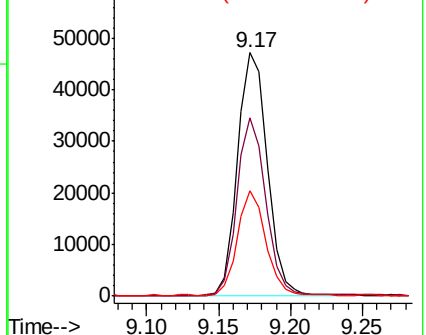
39 40.5 33.4 50.0

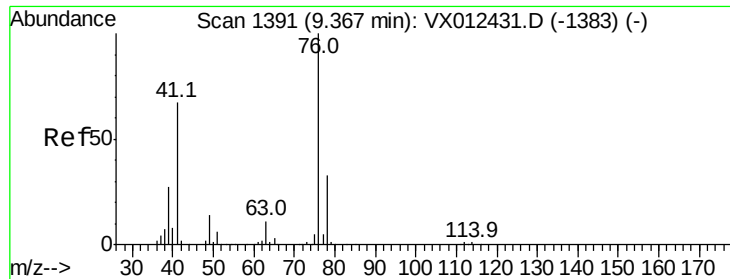


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.295 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

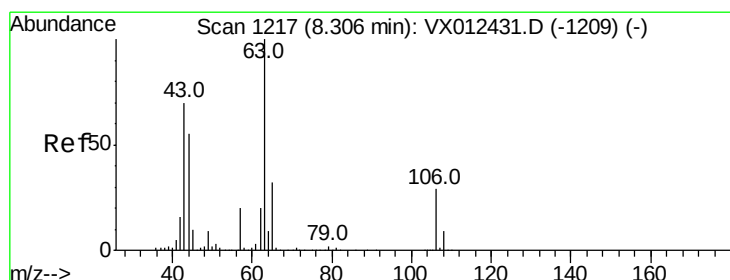
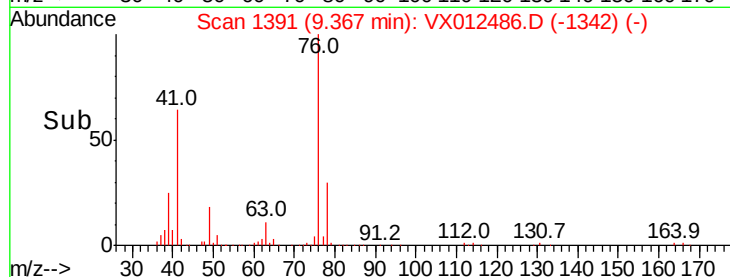
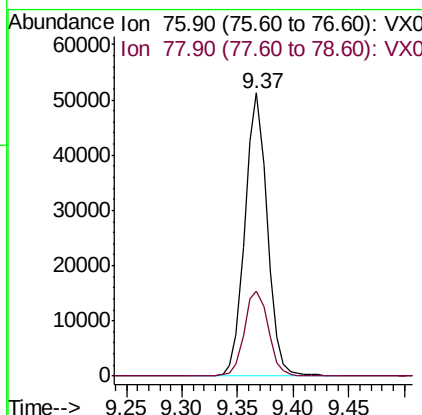
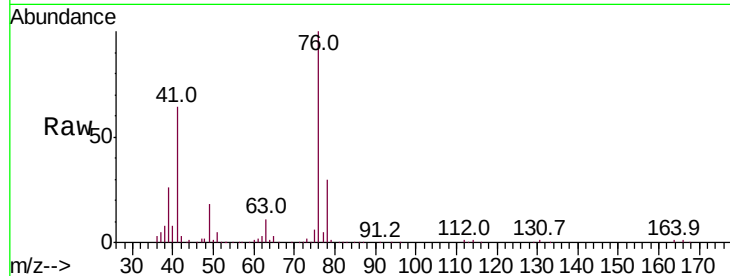
Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion: 76 Resp: 71699

Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.2	39.2



#58

2-Chloroethyl Vinyl ether

Concen: 93.024 ug/l

RT: 8.31 min Scan# 1217

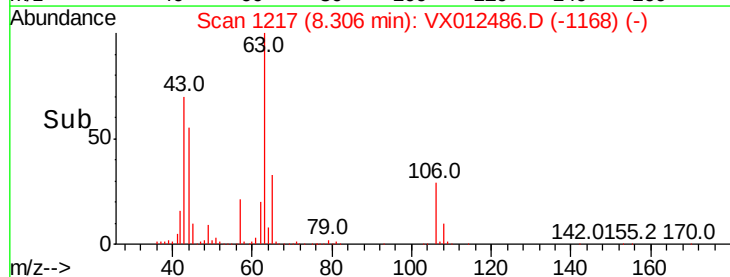
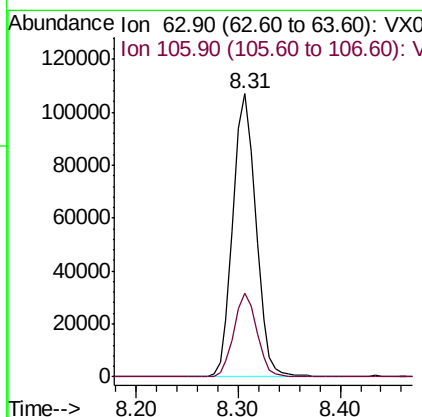
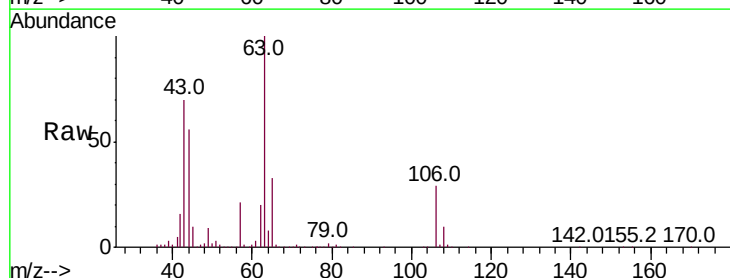
Delta R.T. -0.00 min

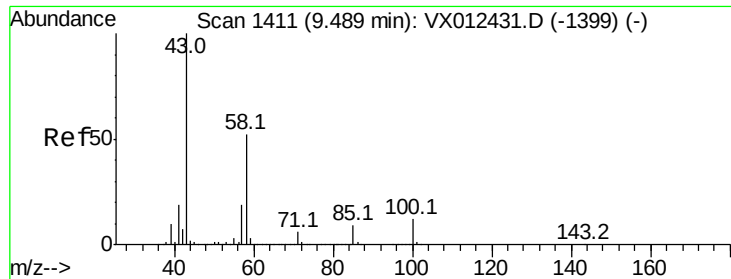
Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Tgt Ion: 63 Resp: 166700

Ion	Ratio	Lower	Upper
63	100		
106	29.7	23.8	35.6

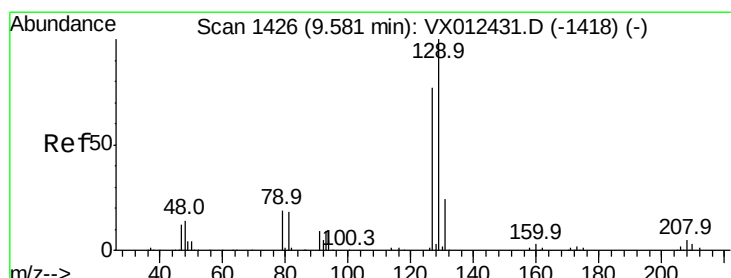
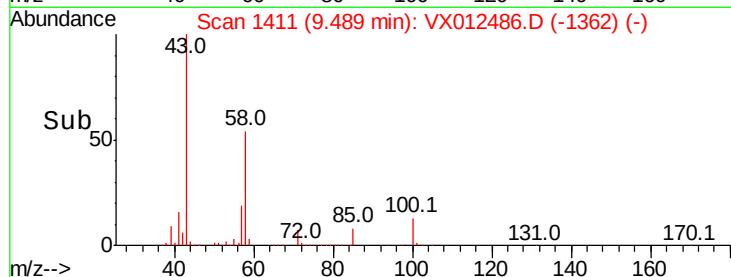
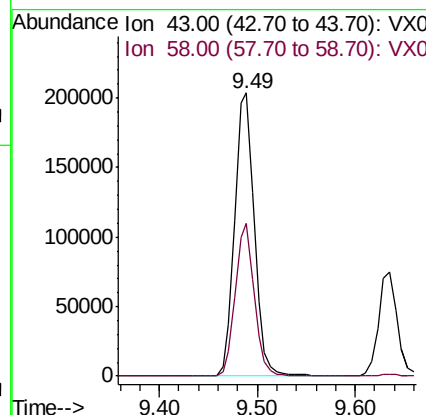
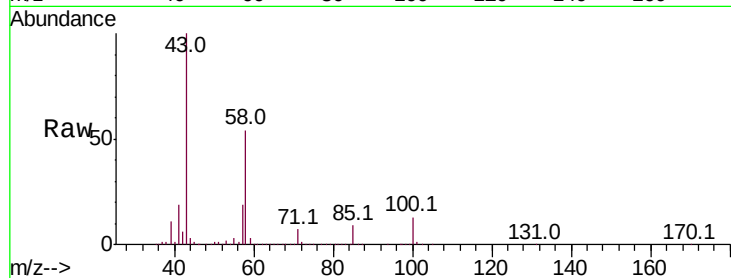




#59
2-Hexanone
Concen: 96.280 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

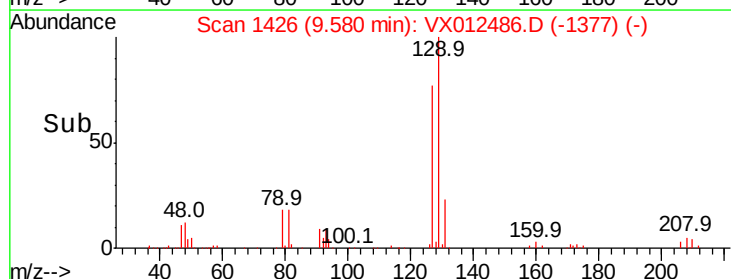
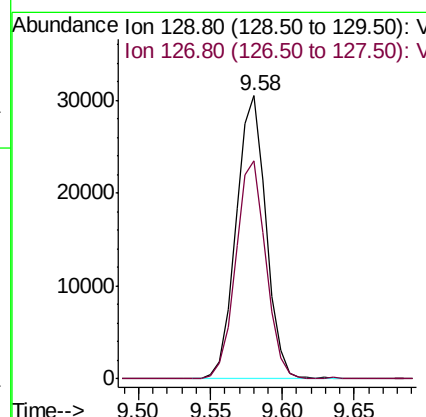
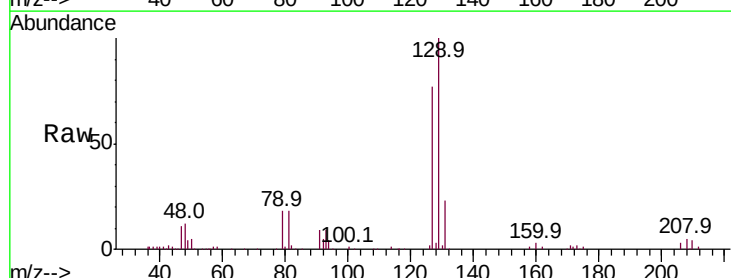
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

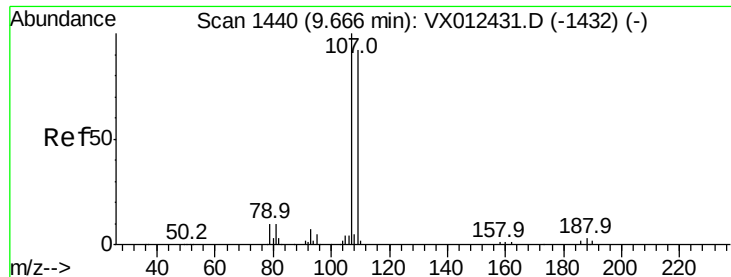
Tot Ion: 43 Resp: 284647
Ion Ratio Lower Upper
43 100
58 52.4 25.7 77.1



#60
Dibromochloromethane
Concen: 19.618 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

Tgt Ion: 129 Resp: 44246
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 20.602 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

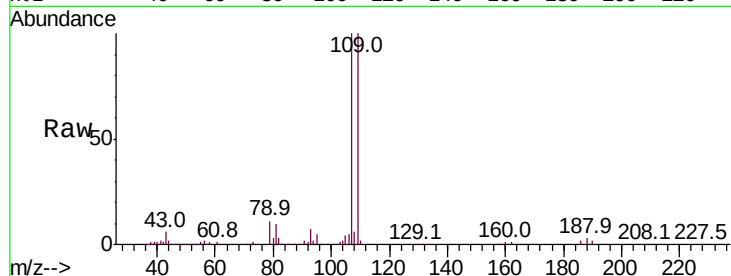
VX0918WBSD01

Tot Ion:107 Resp: 41663

Ion Ratio Lower Upper

107 100

109 96.5 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

30000

25000

20000

15000

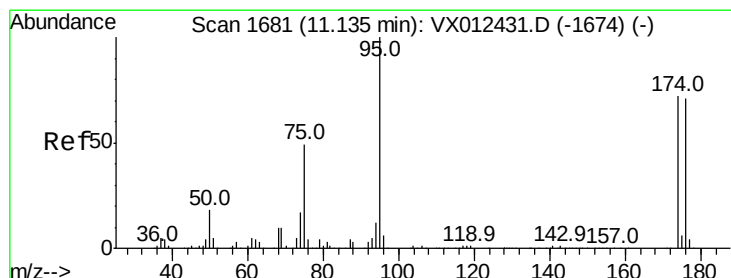
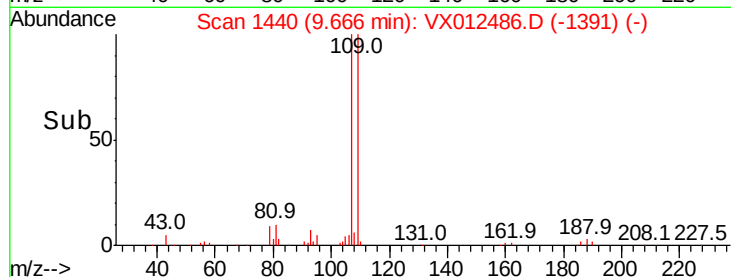
10000

5000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 48.095 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

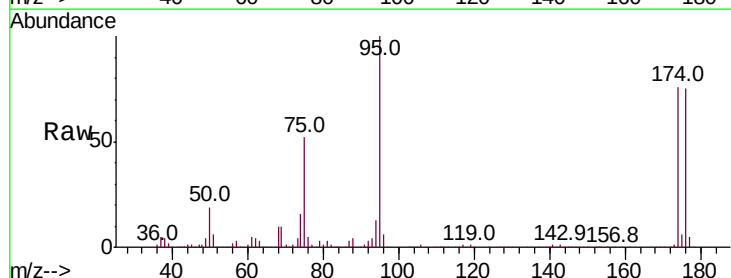
Tgt Ion: 95 Resp: 154399

Ion Ratio Lower Upper

95 100

174 72.1 0.0 140.0

176 71.0 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

150000

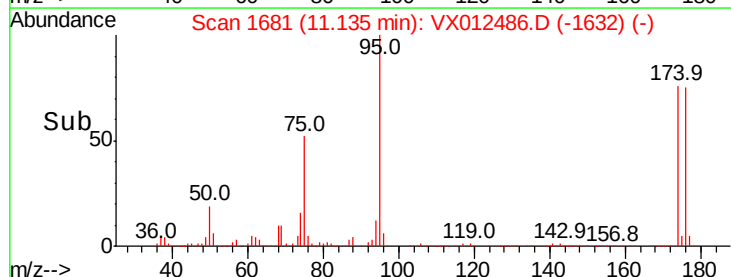
100000

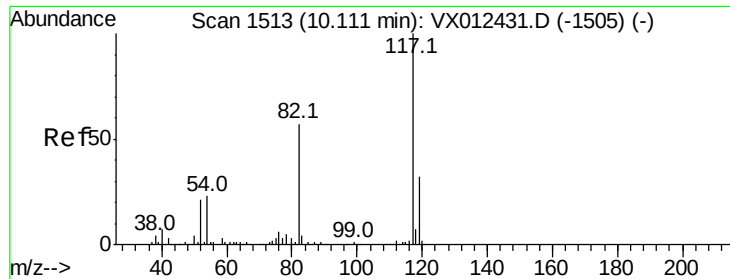
50000

0

11.05 11.10 11.15 11.20

Time-->

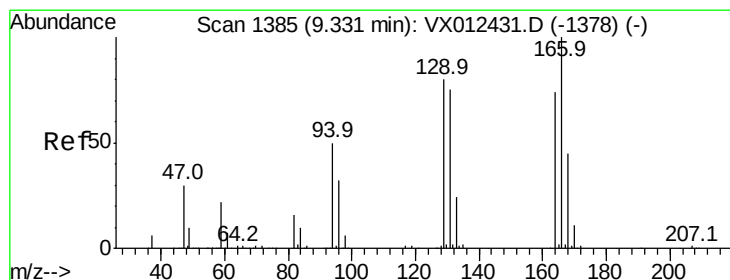
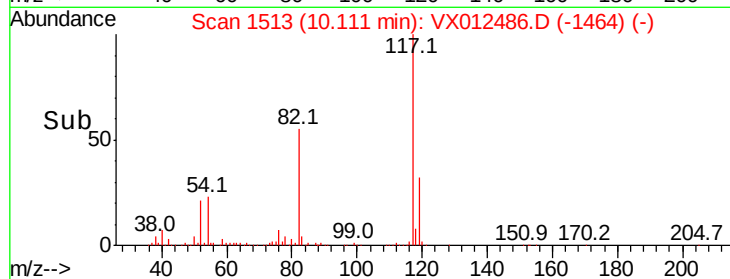
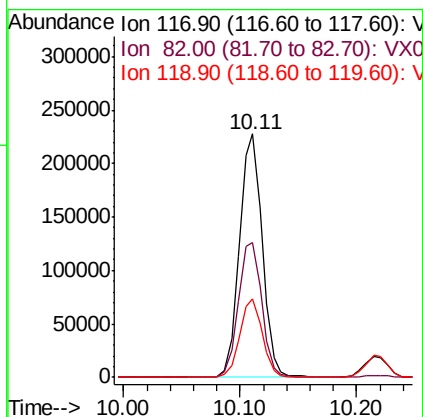
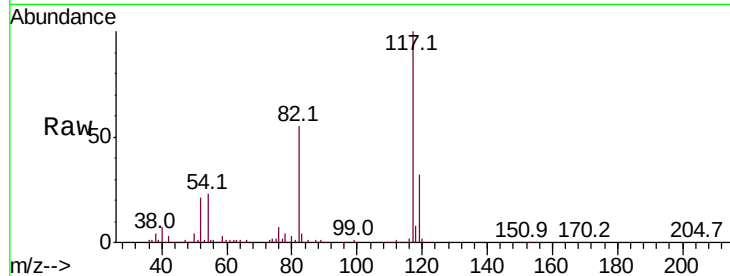




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

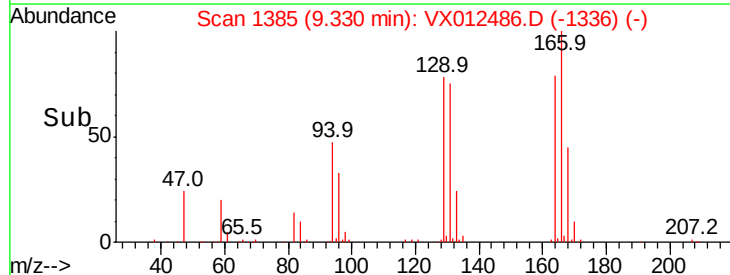
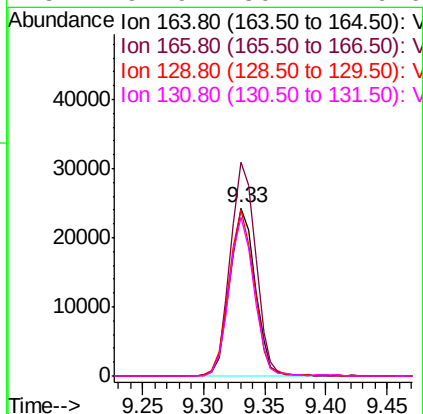
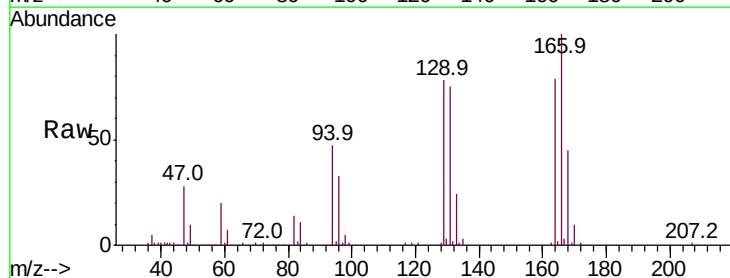
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

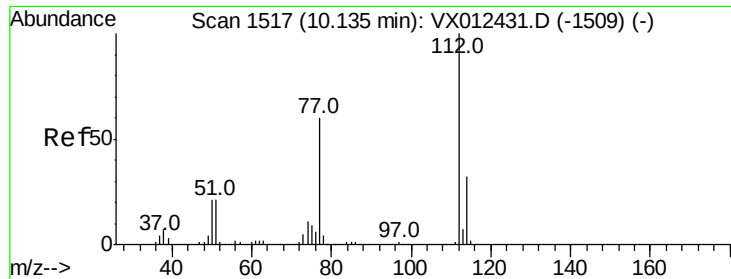
Tot Ion:117 Resp: 311217
Ion Ratio Lower Upper
117 100
82 55.4 45.9 68.9
119 32.4 25.3 37.9



#64
Tetrachloroethene
Concen: 24.490 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

Tgt Ion:164 Resp: 34925
Ion Ratio Lower Upper
164 100
166 127.2 107.8 161.6
129 98.9 86.2 129.2
131 94.9 80.4 120.6

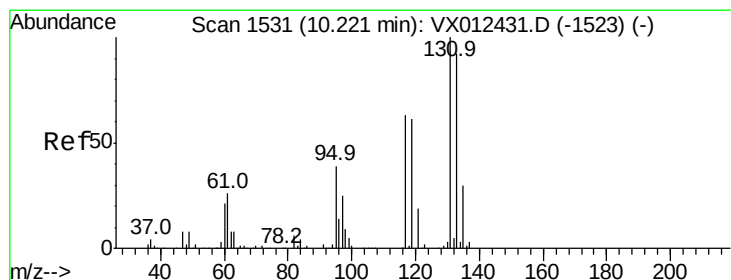
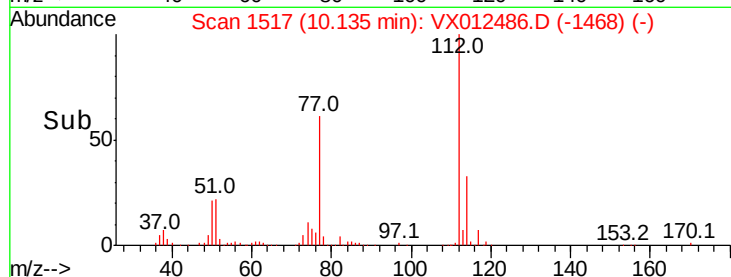
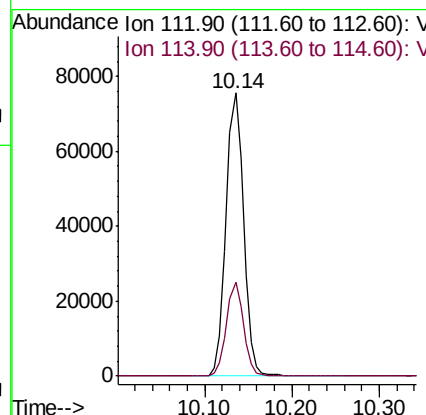
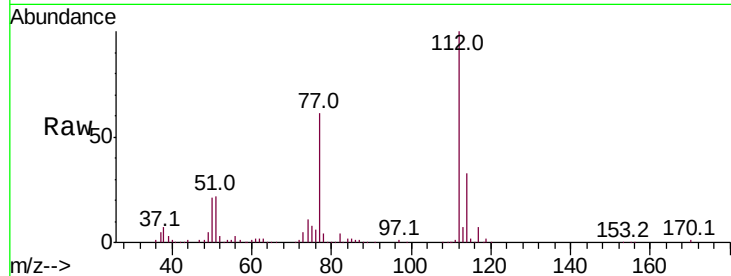




#65
Chlorobenzene
Concen: 20.469 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

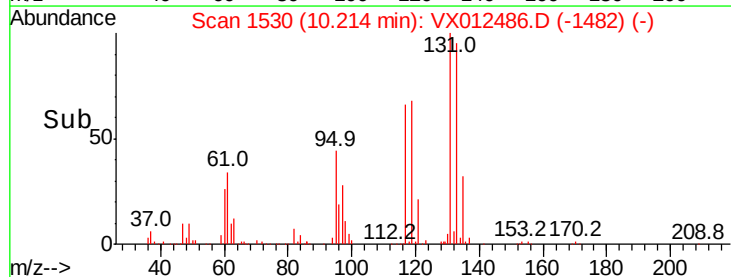
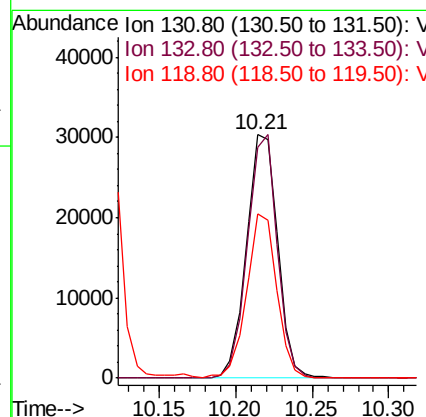
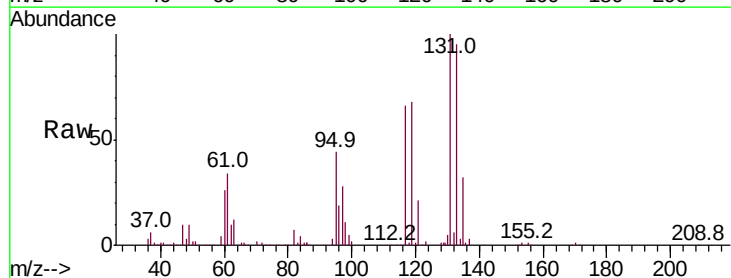
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

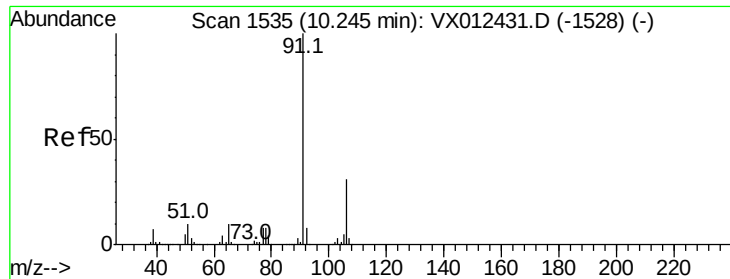
Tot Ion:112 Resp: 105141
Ion Ratio Lower Upper
112 100
114 33.4 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.087 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

Tgt Ion:131 Resp: 42823
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 65.2 31.3 93.8

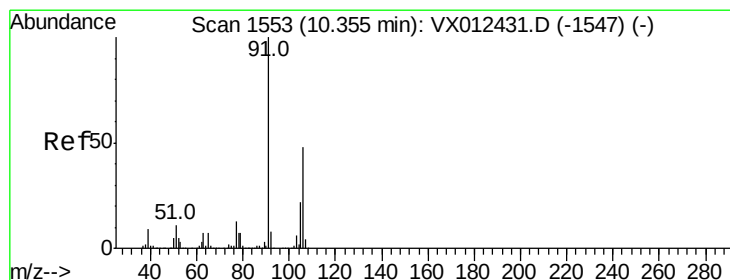
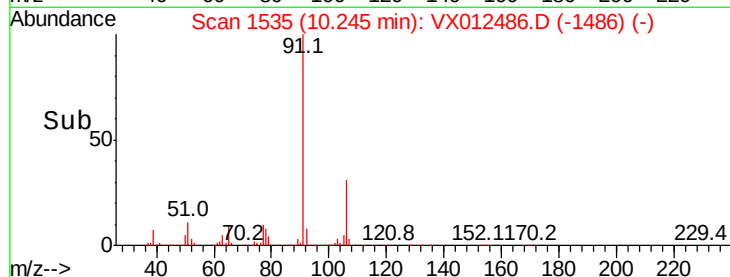
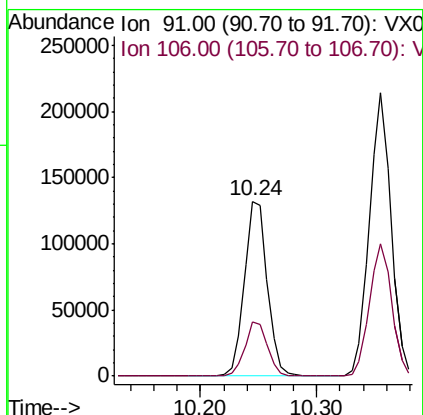
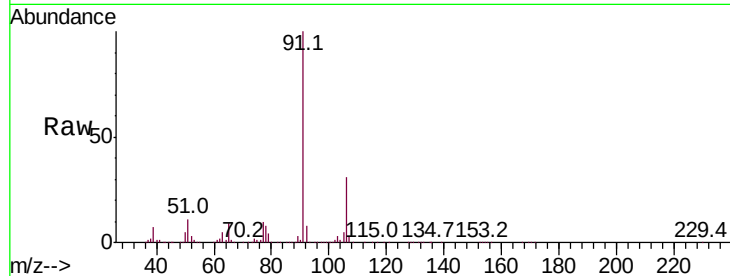




#67
Ethyl Benzene
Concen: 20.654 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

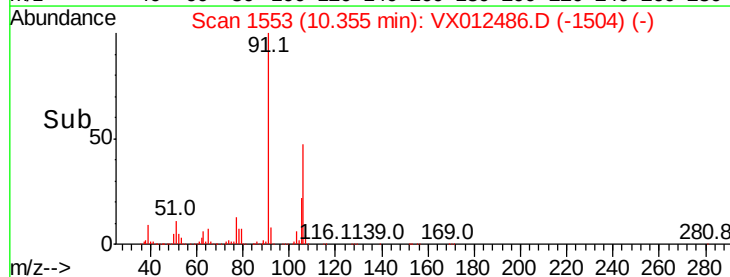
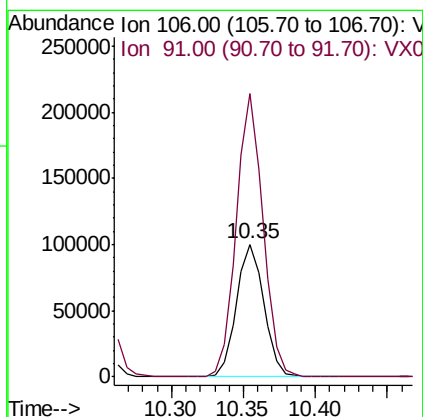
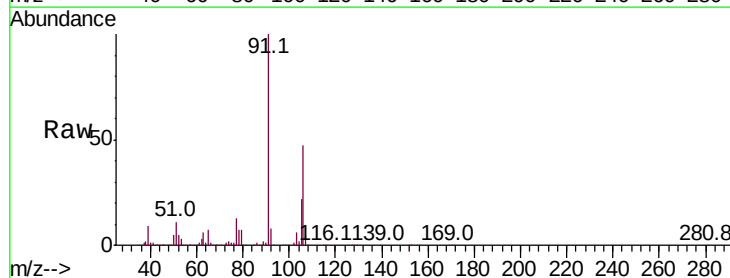
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

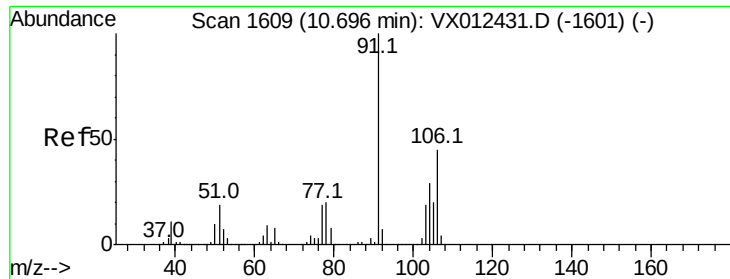
Tot Ion: 91 Resp: 182270
Ion Ratio Lower Upper
91 100
106 31.1 24.6 37.0



#68
m/p-Xylenes
Concen: 41.416 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

Tgt Ion: 106 Resp: 132985
Ion Ratio Lower Upper
106 100
91 208.9 166.6 250.0

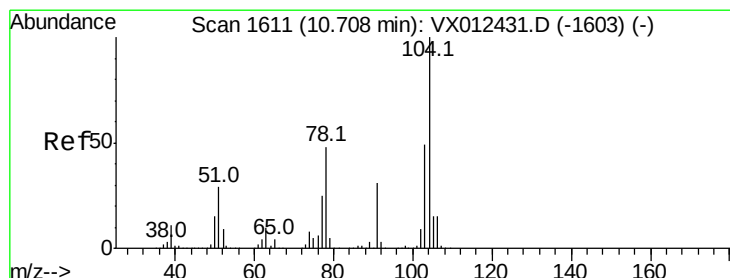
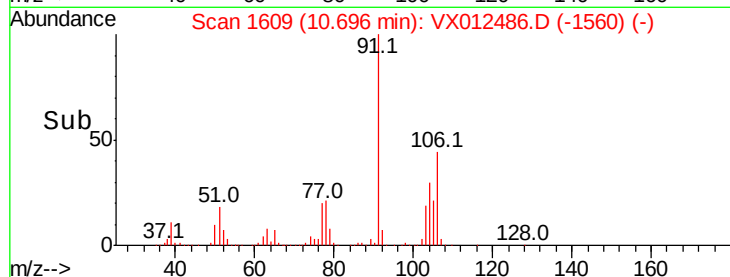
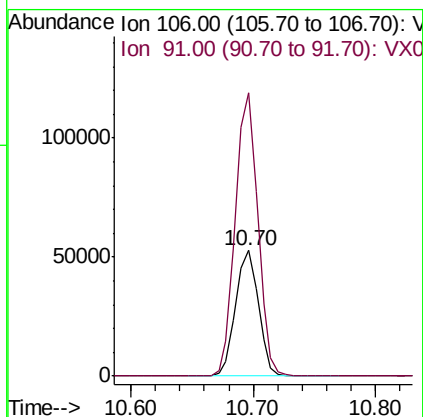
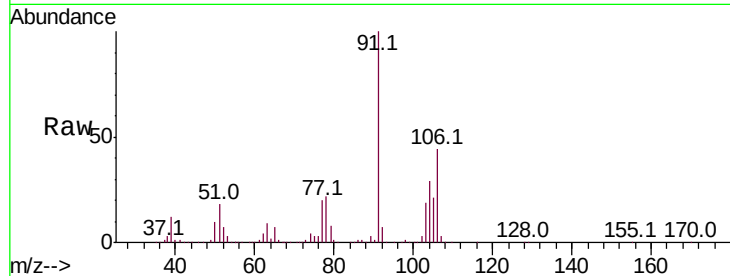




#69
o-Xylene
Concen: 20.721 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

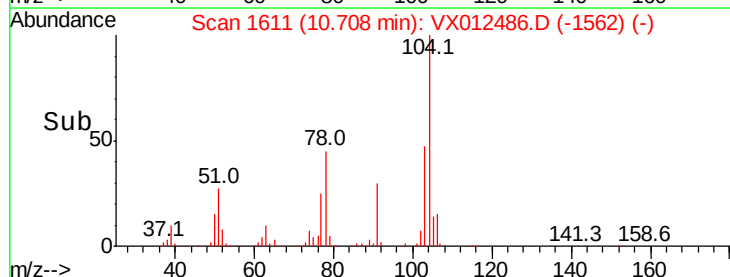
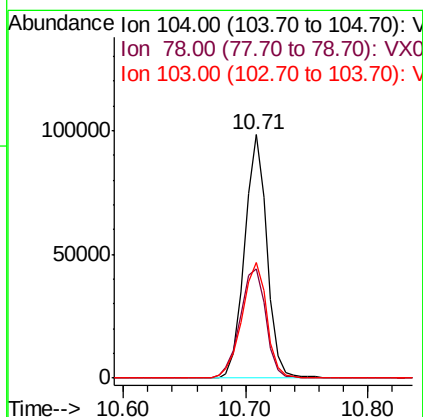
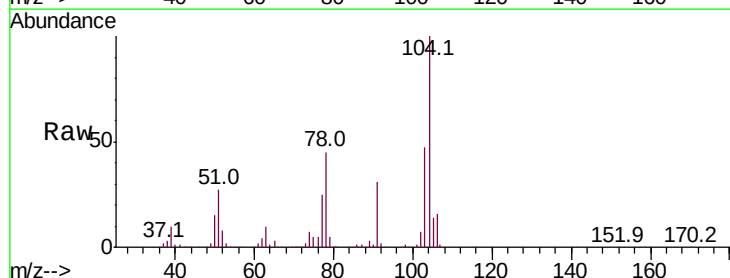
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

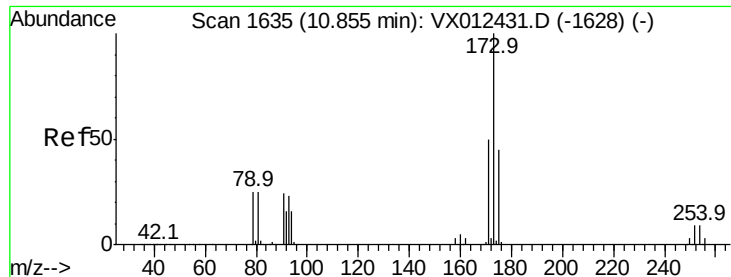
Tot Ion:106 Resp: 68426
Ion Ratio Lower Upper
106 100
91 221.1 109.4 328.2



#70
Styrene
Concen: 21.260 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

Tgt Ion:104 Resp: 124212
Ion Ratio Lower Upper
104 100
78 52.0 43.4 65.2
103 52.6 43.3 64.9





#71

Bromoform

Concen: 18.276 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

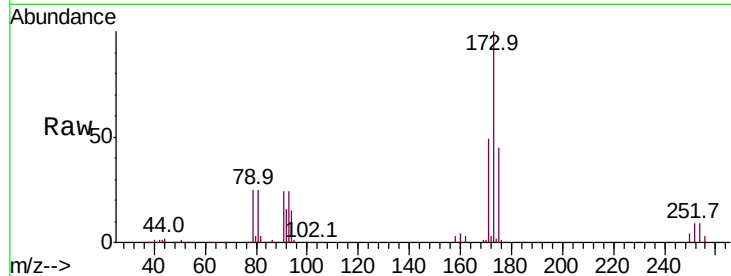
Tot Ion:173 Resp: 30001

Ion Ratio Lower Upper

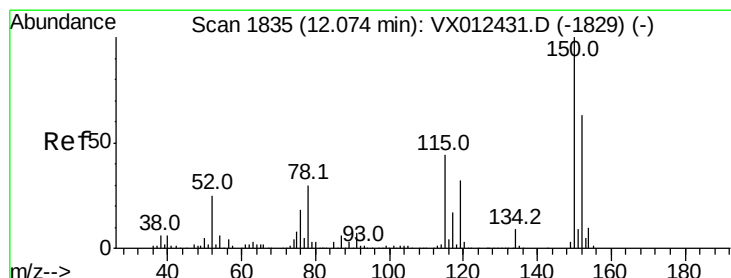
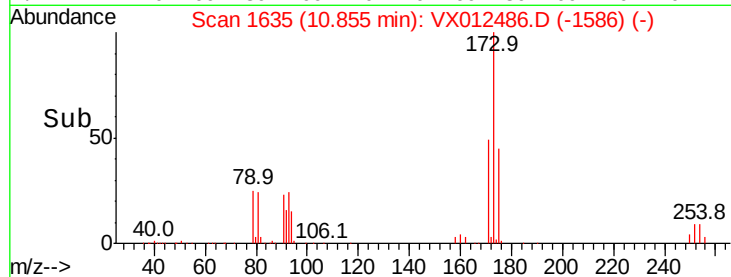
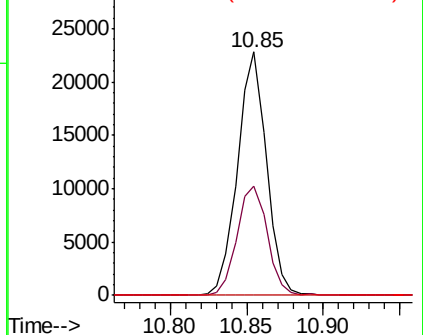
173 100

175 47.0 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: VX012486.D

Acq: 18 Sep 2019 20:04

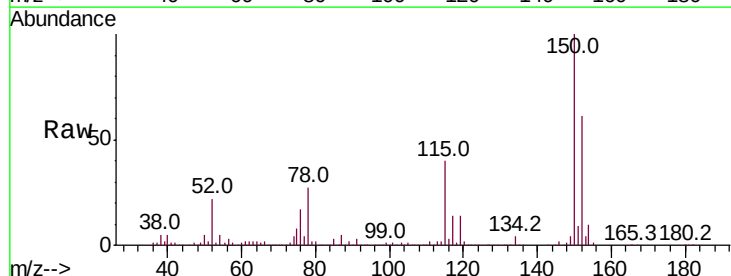
Tgt Ion:152 Resp: 150090

Ion Ratio Lower Upper

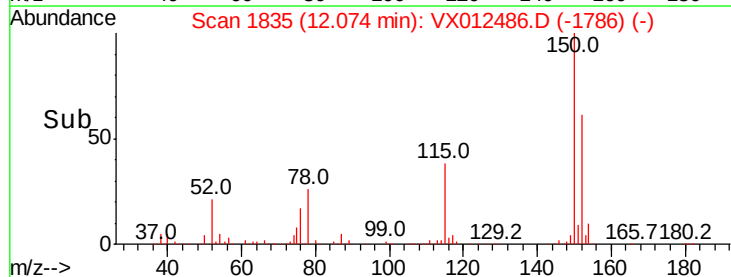
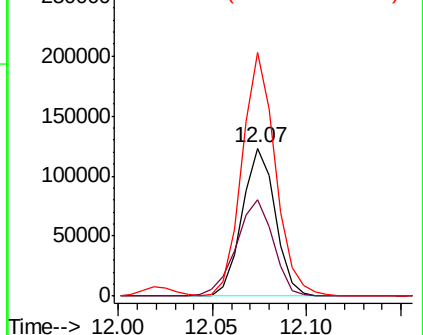
152 100

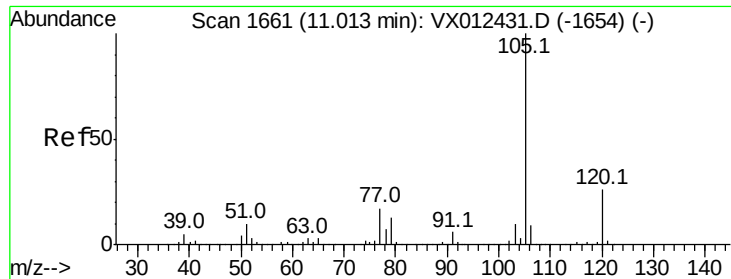
115 72.5 44.1 132.3

150 166.0 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

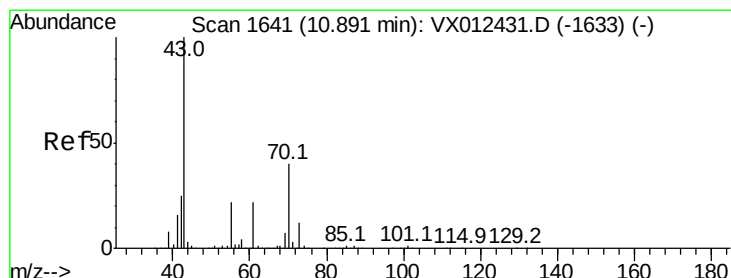
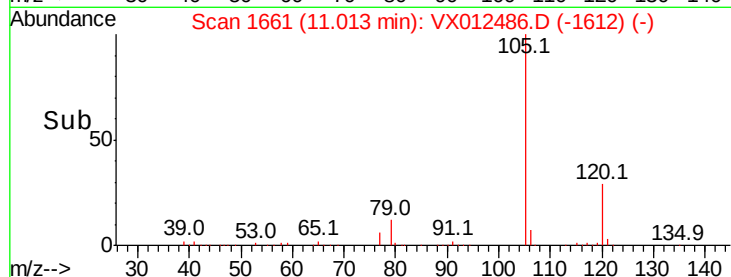
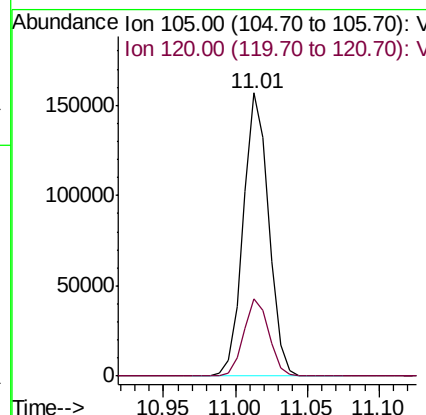
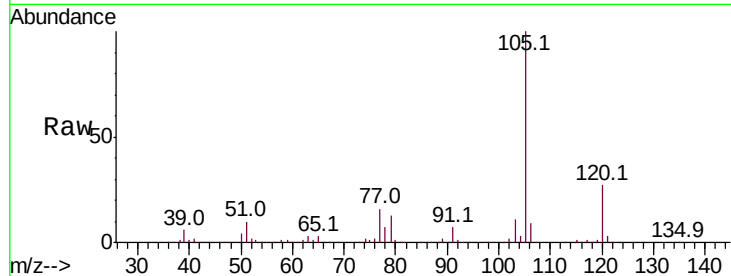




#73
Isopropylbenzene
Concen: 20.429 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

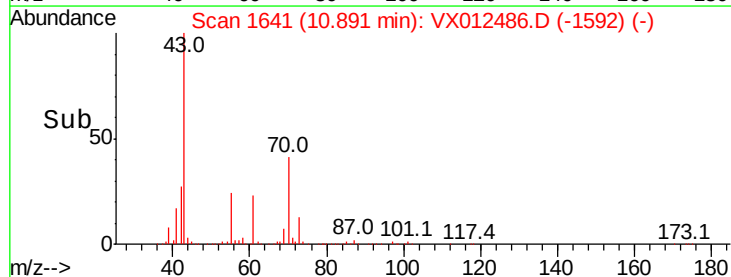
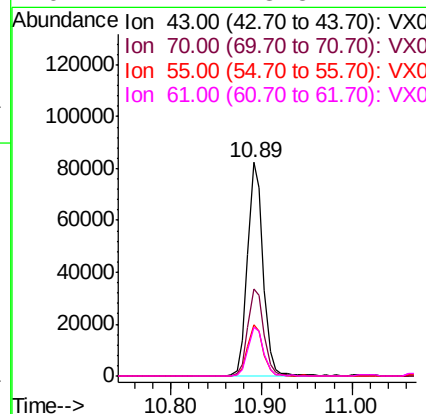
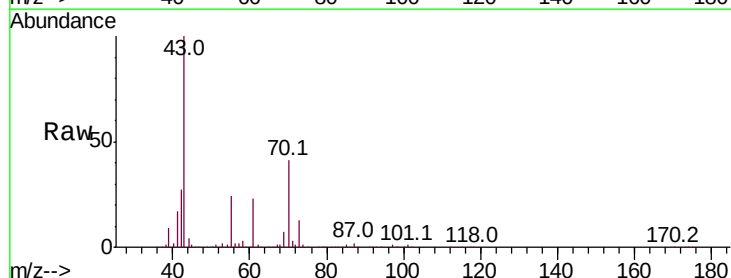
Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

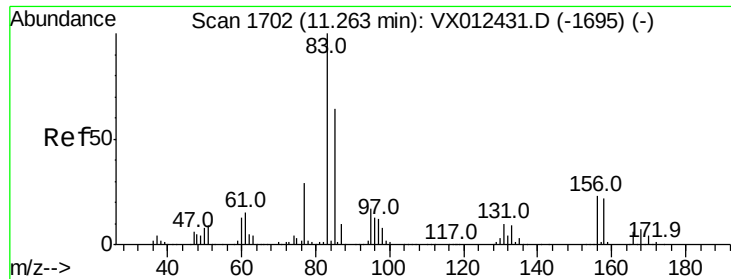
Tot Ion:105 Resp: 192381
Ion Ratio Lower Upper
105 100
120 27.2 12.9 38.7



#74
N-ethyl acetate
Concen: 19.434 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

Tgt Ion: 43 Resp: 98531
Ion Ratio Lower Upper
43 100
70 41.6 32.4 48.6
55 23.6 18.2 27.4
61 22.7 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.581 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

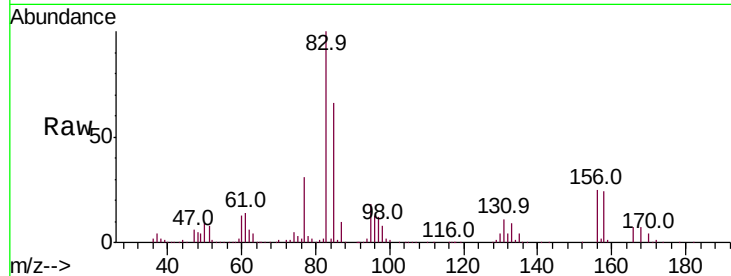
Tot Ion: 83 Resp: 72334

Ion Ratio Lower Upper

83 100

131 10.9 5.2 15.6

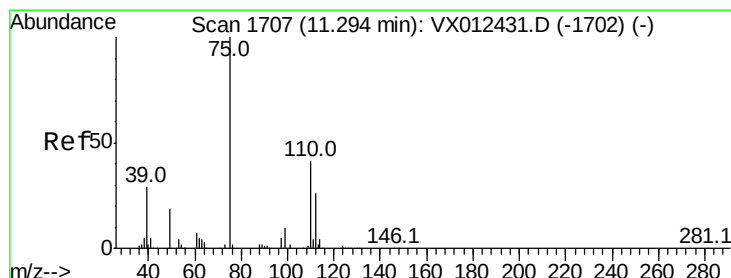
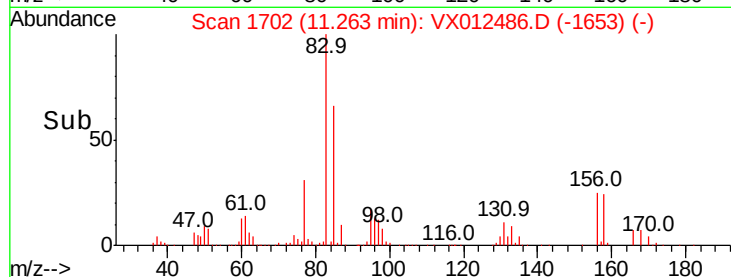
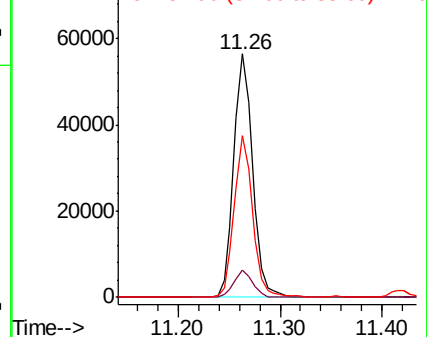
85 64.4 32.0 96.0



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: 23.842 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012486.D

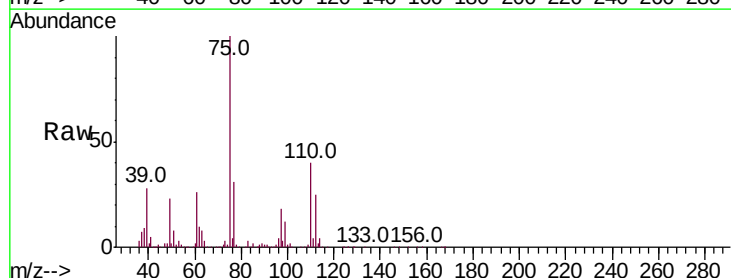
Acq: 18 Sep 2019 20:04

Tgt Ion: 75 Resp: 82200

Ion Ratio Lower Upper

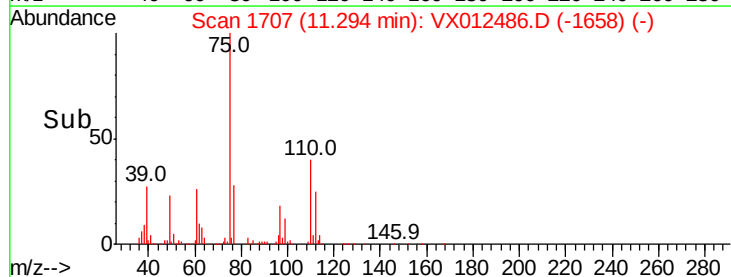
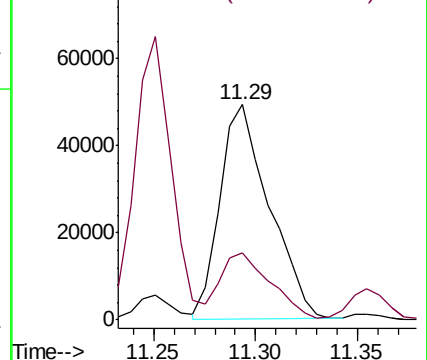
75 100

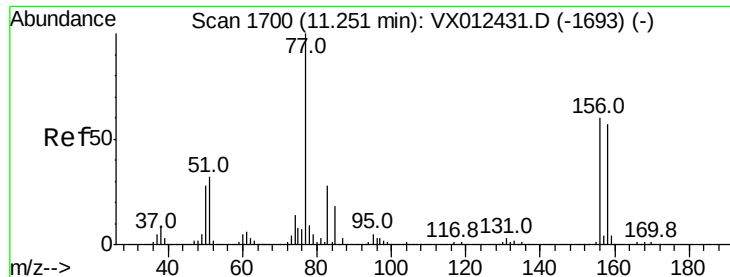
77 31.7 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.988 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

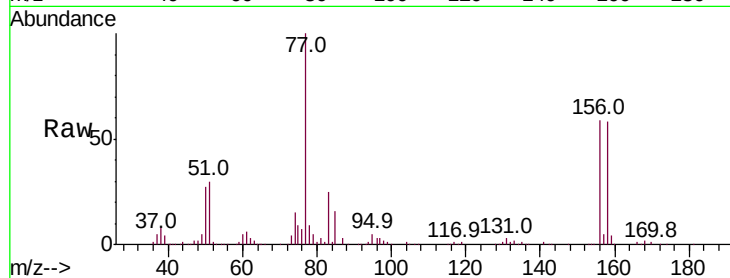
Tot Ion:156 Resp: 48202

Ion Ratio Lower Upper

156 100

77 169.6 87.3 261.8

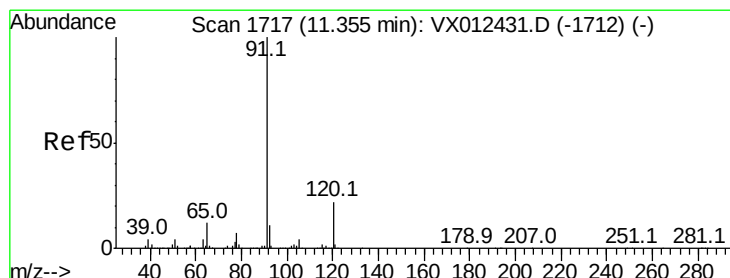
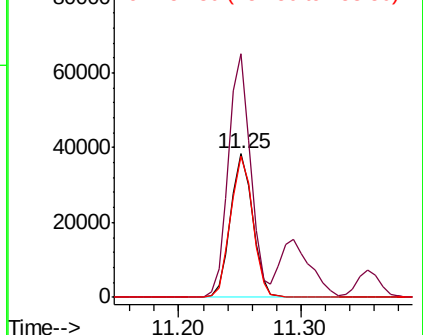
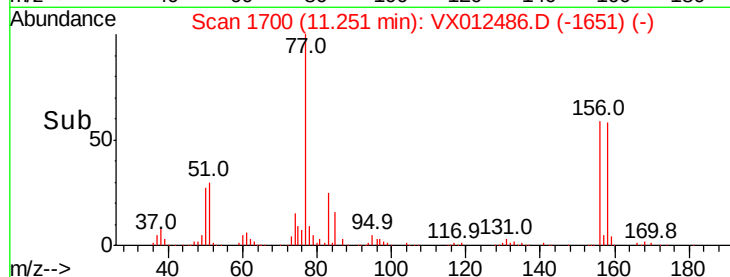
158 98.2 48.5 145.6



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: 20.508 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012486.D

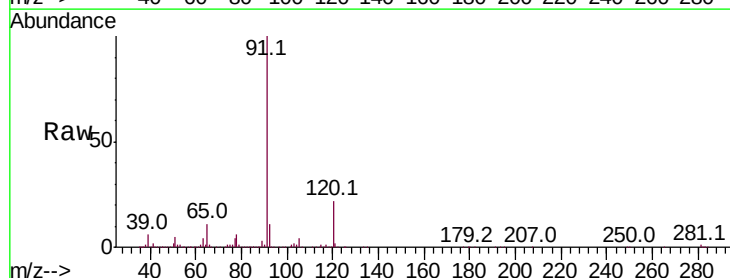
Acq: 18 Sep 2019 20:04

Tgt Ion: 91 Resp: 215252

Ion Ratio Lower Upper

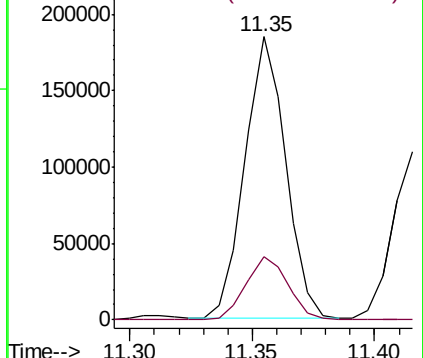
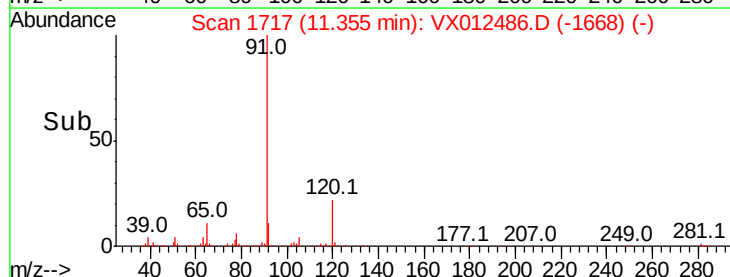
91 100

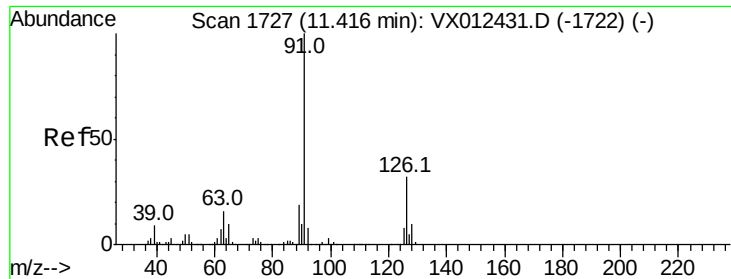
120 23.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

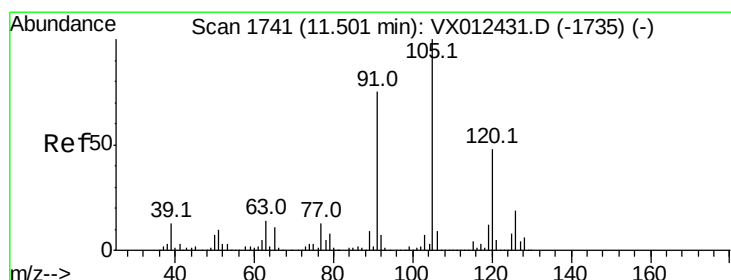
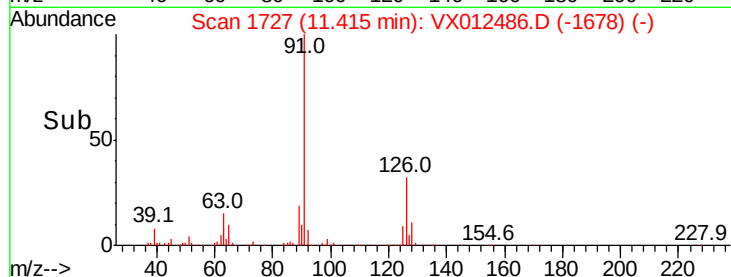
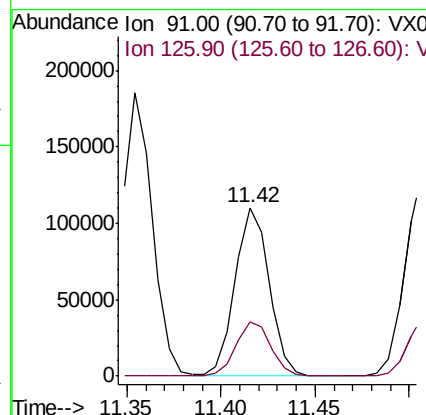
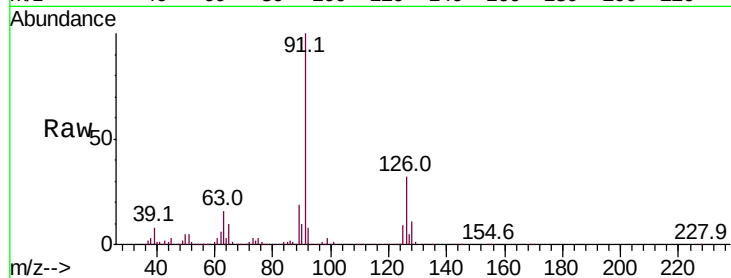




#79
 2-Chlorotoluene
 Concen: 20.221 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012486.D
 Acq: 18 Sep 2019 20:04

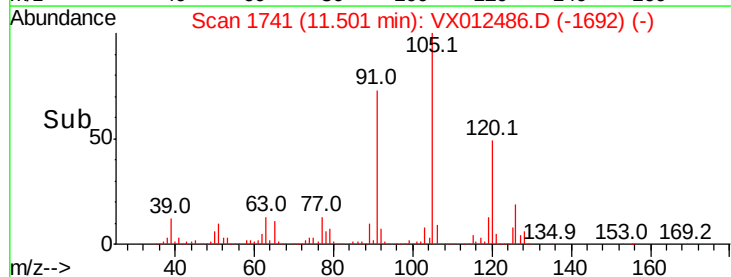
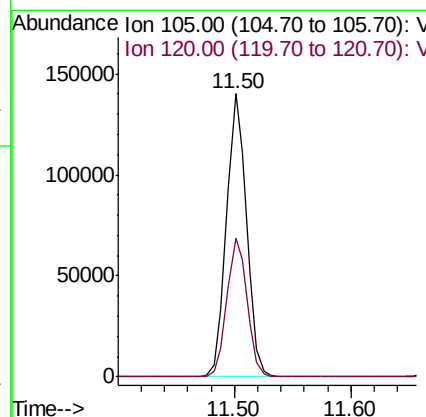
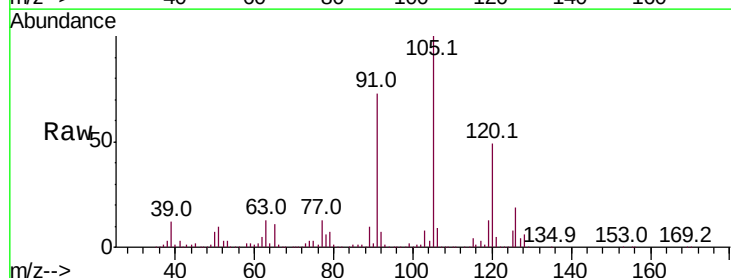
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

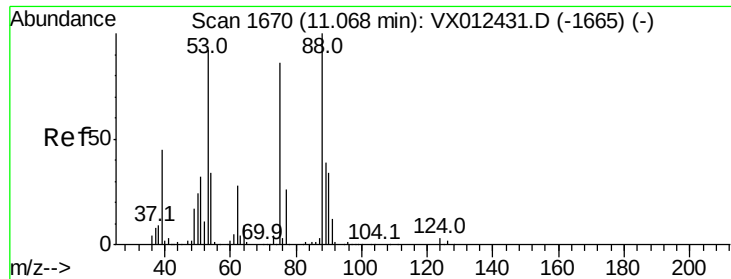
Tot Ion: 91 Resp: 138076
 Ion Ratio Lower Upper
 91 100
 126 32.9 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 20.651 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012486.D
 Acq: 18 Sep 2019 20:04

Tgt Ion:105 Resp: 165855
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.878 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

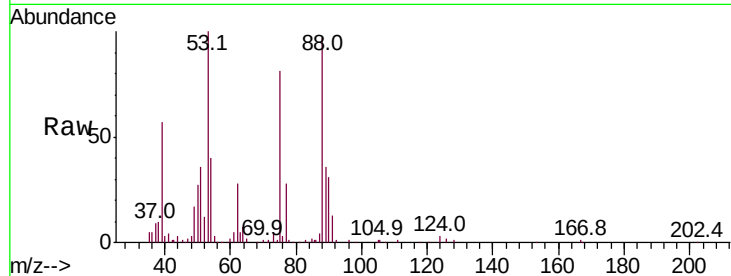
Tot Ion: 75 Resp: 19789

Ion Ratio Lower Upper

75 100

53 116.1 83.6 125.4

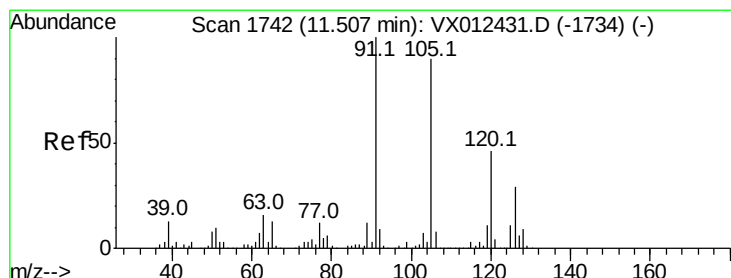
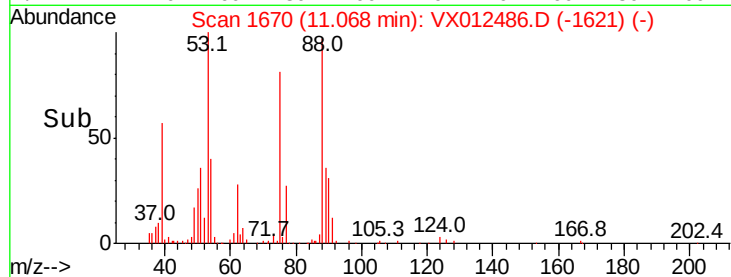
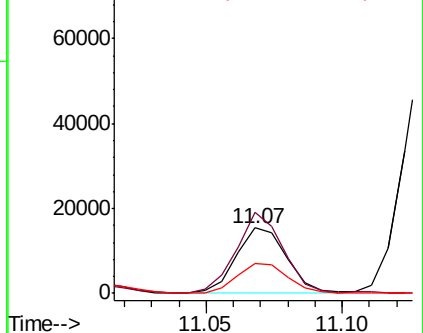
89 46.6 36.3 54.5



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: 20.364 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012486.D

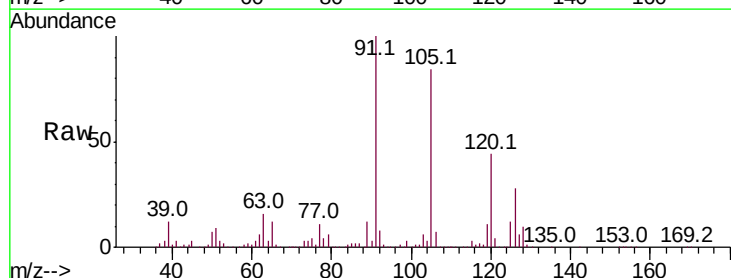
Acq: 18 Sep 2019 20:04

Tgt Ion: 91 Resp: 159590

Ion Ratio Lower Upper

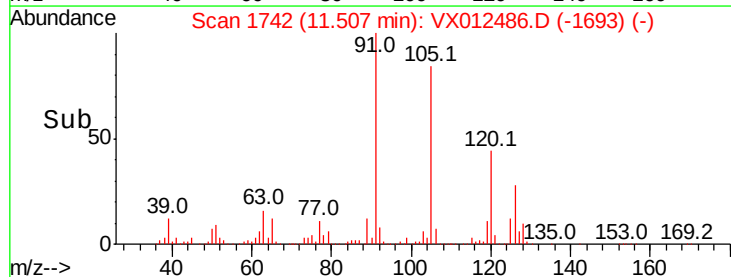
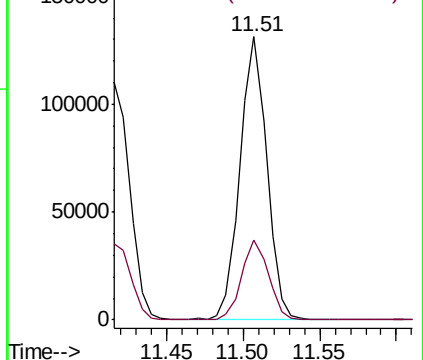
91 100

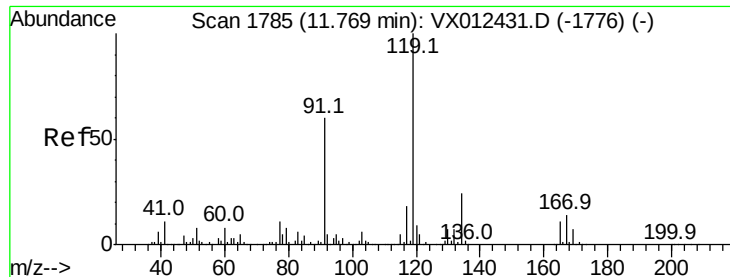
126 28.5 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

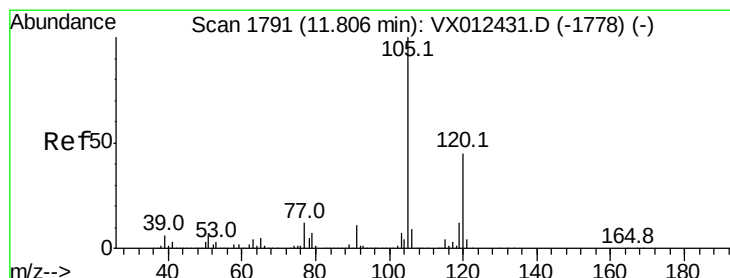
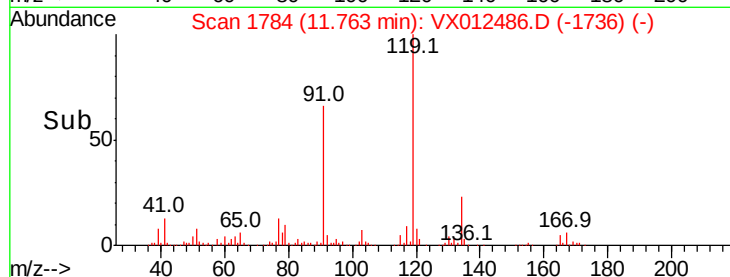
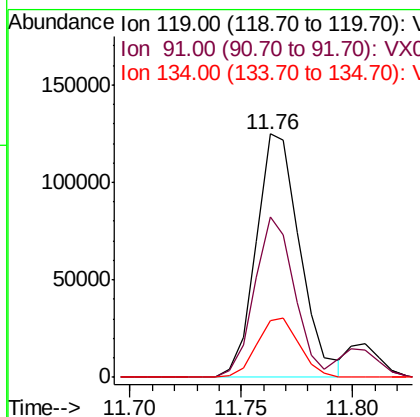
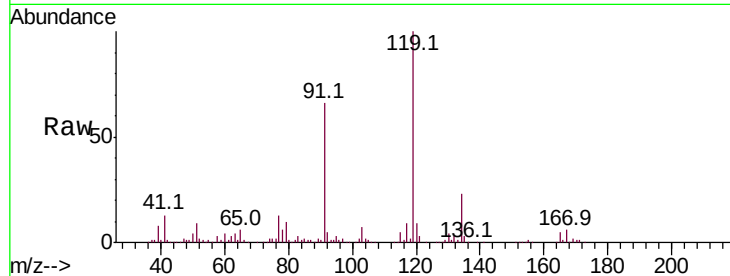




#83
 tert-Butylbenzene
 Concen: 19.870 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012486.D
 Acq: 18 Sep 2019 20:04

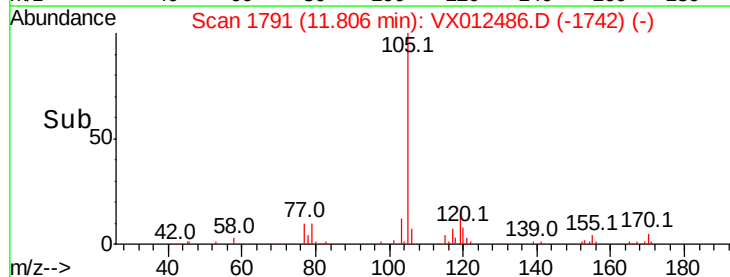
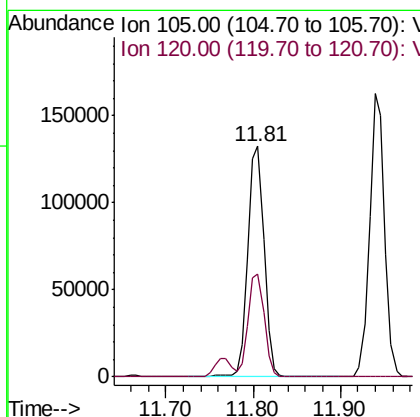
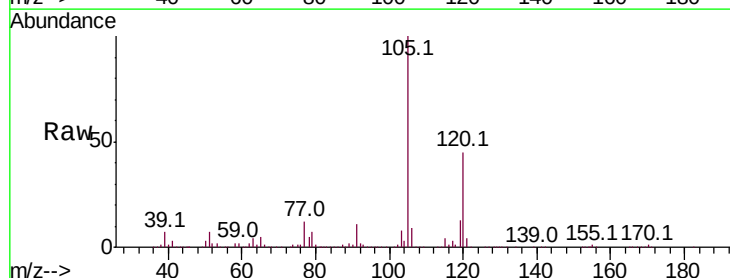
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

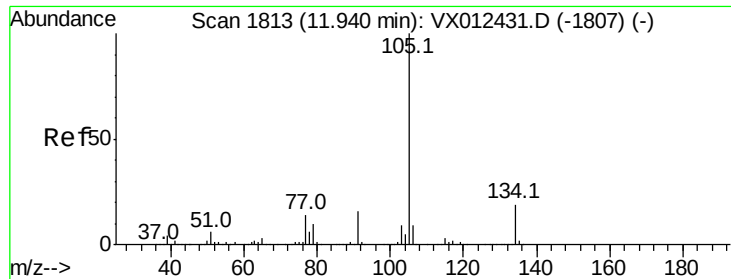
Tot Ion:119 Resp: 171002
 Ion Ratio Lower Upper
 119 100
 91 60.3 30.0 90.0
 134 23.6 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.585 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012486.D
 Acq: 18 Sep 2019 20:04

Tgt Ion:105 Resp: 169753
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.620 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

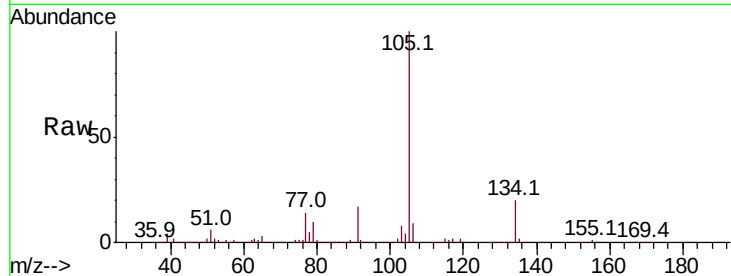
VX0918WBSD01

Tot Ion:105 Resp: 195539

Ion Ratio Lower Upper

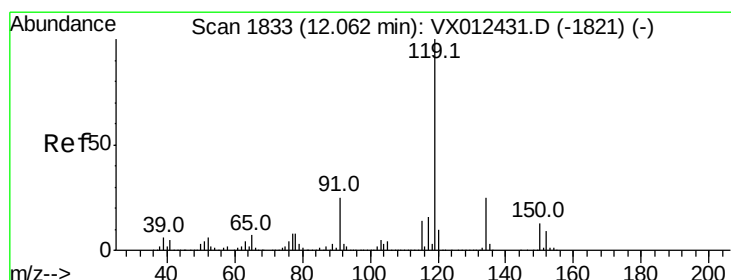
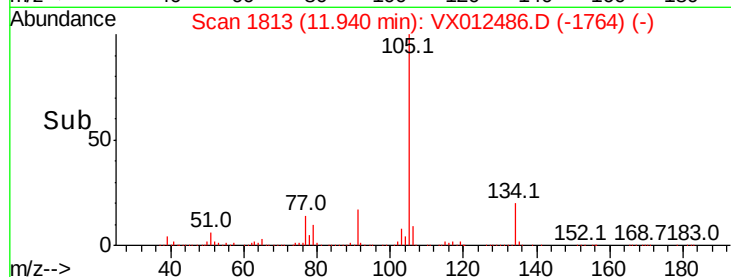
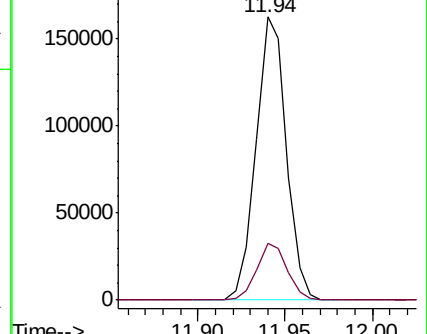
105 100

134 20.1 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: 20.546 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

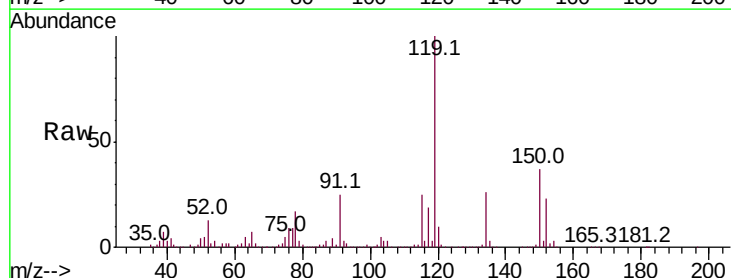
Tgt Ion:119 Resp: 178913

Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.1

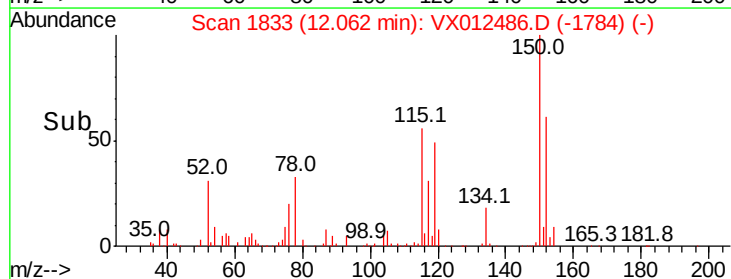
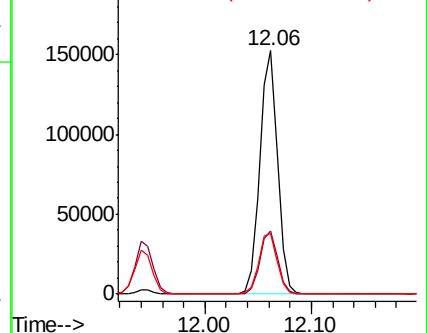
91 25.6 12.8 38.4

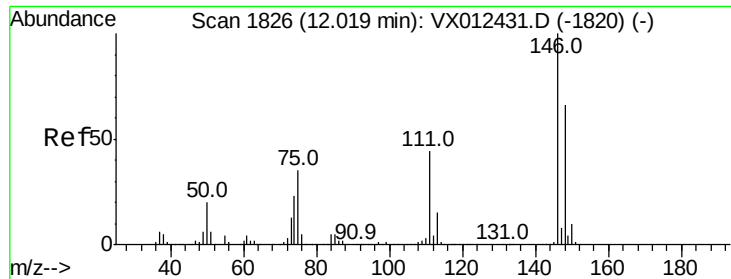


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 20.876 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

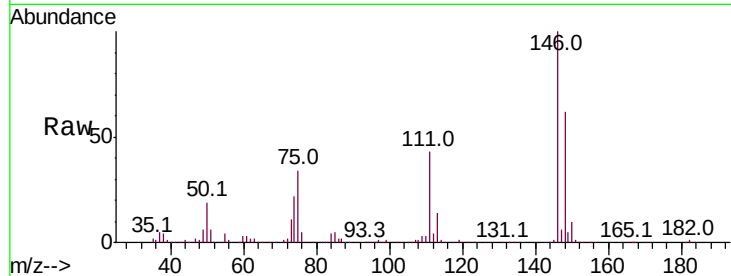
Tot Ion:146 Resp: 90191

Ion Ratio Lower Upper

146 100

111 42.0 21.3 64.0

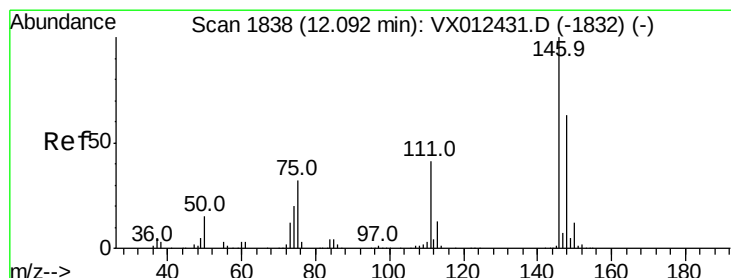
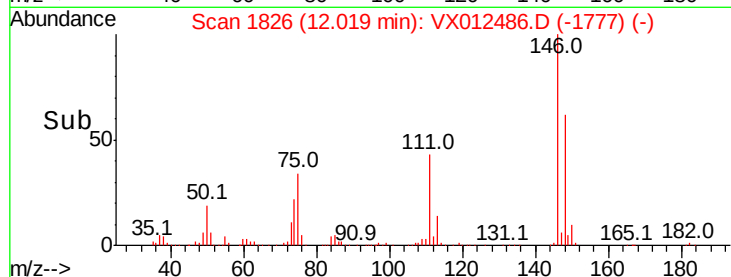
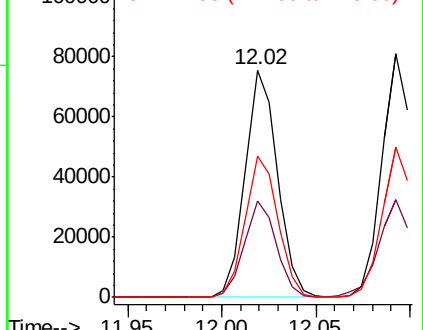
148 63.0 32.4 97.2



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: 20.953 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

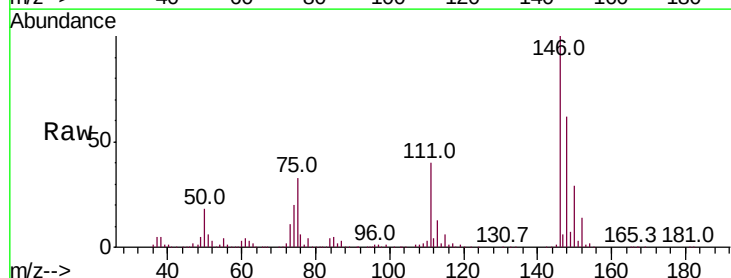
Tgt Ion:146 Resp: 92988

Ion Ratio Lower Upper

146 100

111 42.6 21.1 63.3

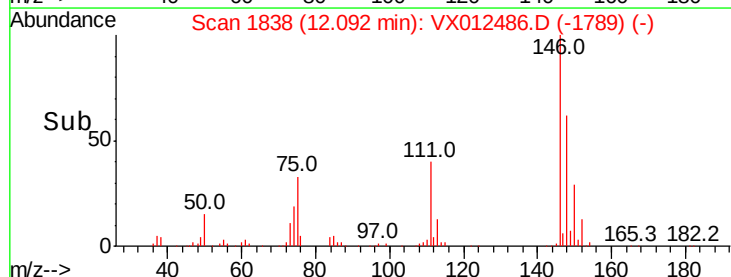
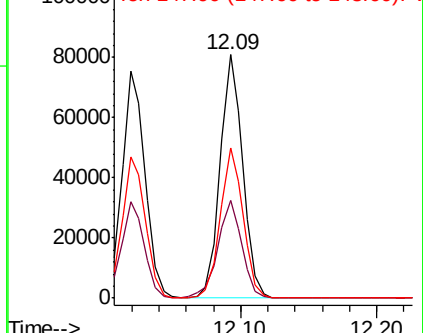
148 62.3 32.1 96.5

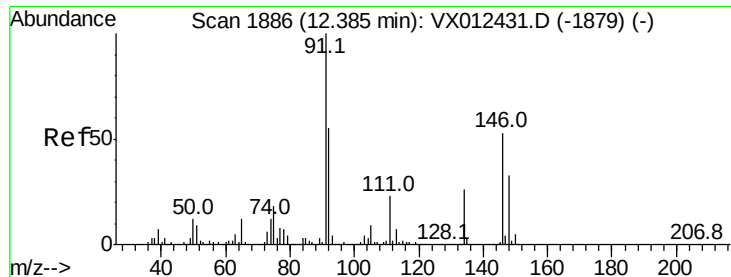


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

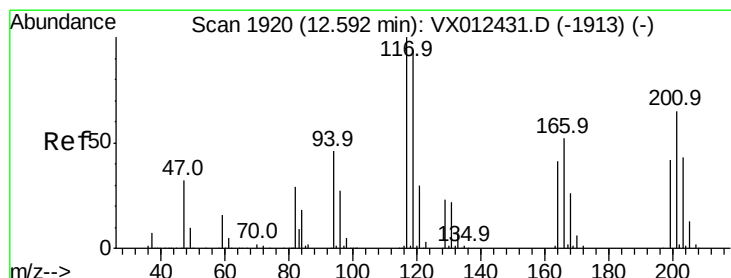
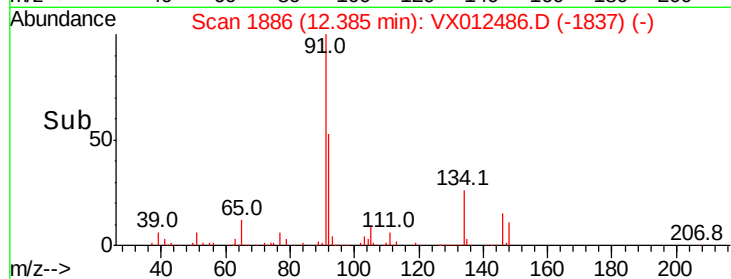
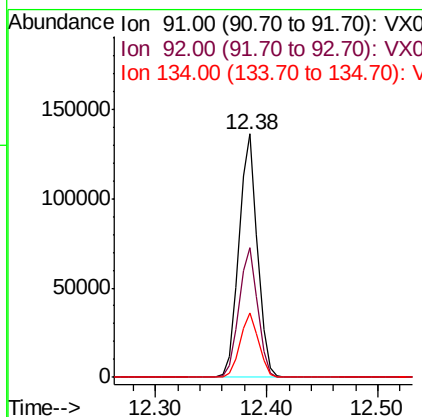
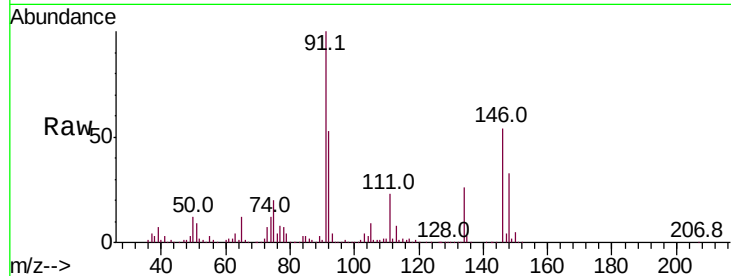




#89
n-Butylbenzene
Concen: 20.122 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

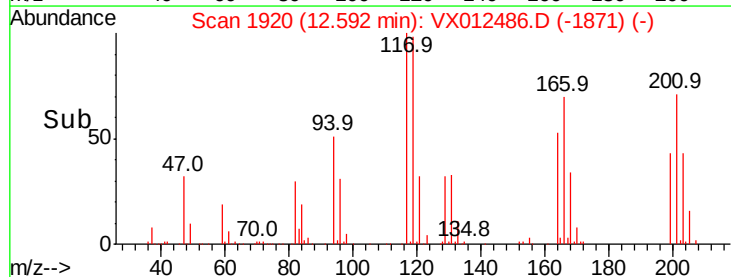
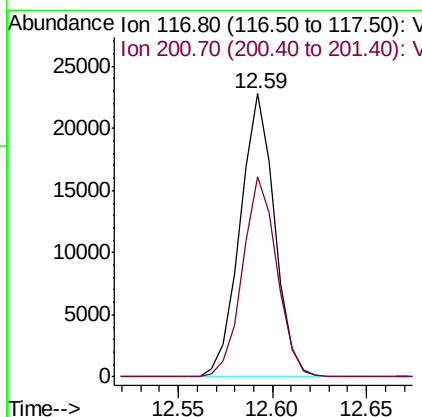
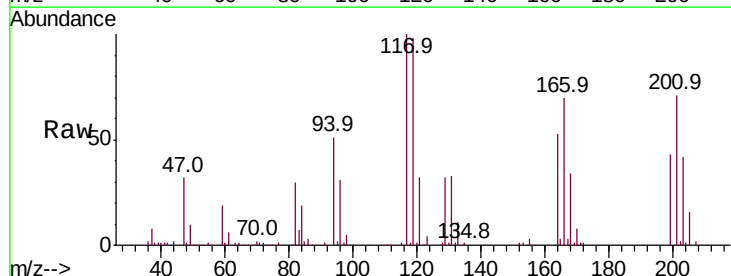
Instrument :
MSVOA_X
ClientSampled :
VX0918WBSD01

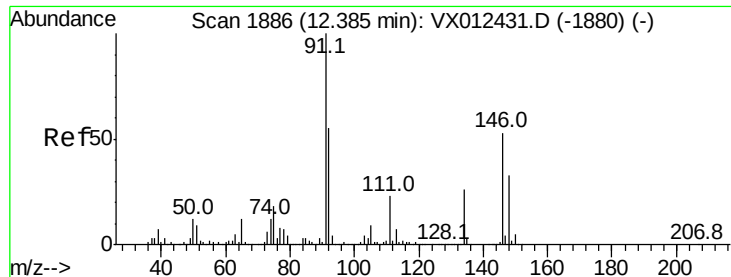
Tot Ion: 91 Resp: 156340
Ion Ratio Lower Upper
91 100
92 53.9 27.7 83.0
134 26.3 12.9 38.6



#90
Hexachloroethane
Concen: 18.076 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012486.D
Acq: 18 Sep 2019 20:04

Tgt Ion: 117 Resp: 28862
Ion Ratio Lower Upper
117 100
201 70.3 33.3 99.8

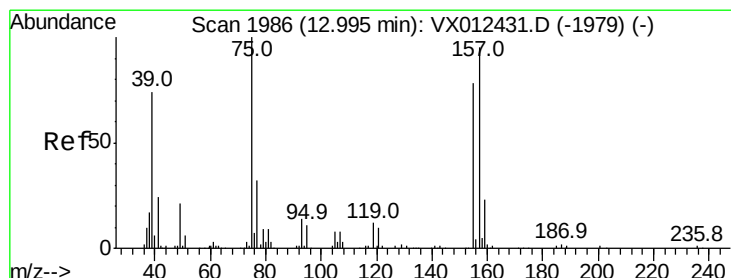
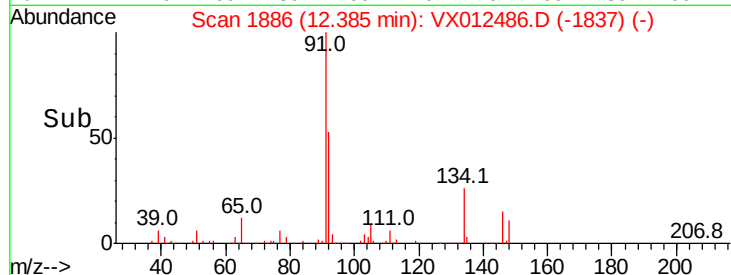
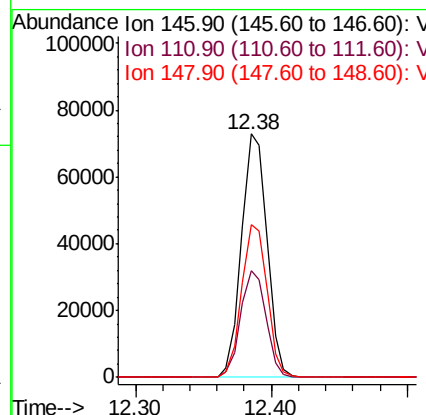
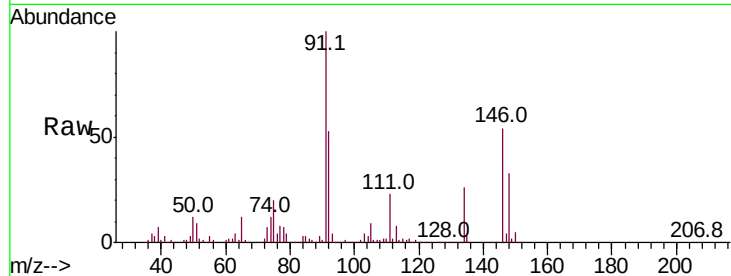




#91
 1,2-Dichlorobenzene
 Concen: 21.156 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012486.D
 Acq: 18 Sep 2019 20:04

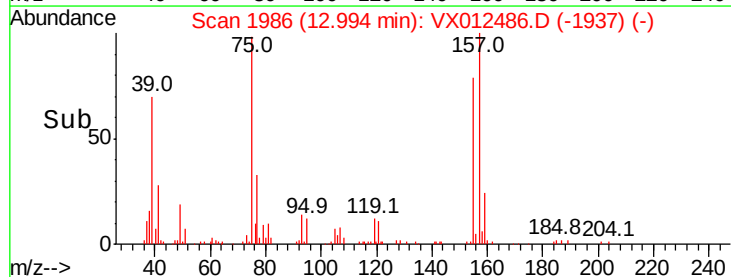
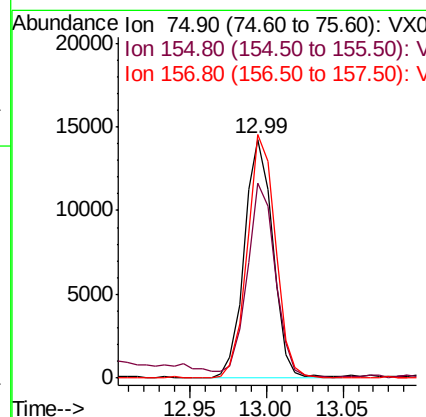
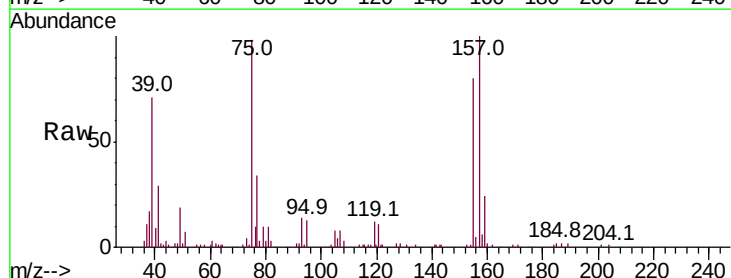
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

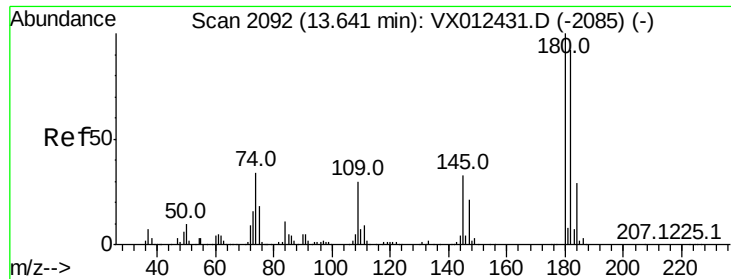
Tot Ion:146 Resp: 95528
 Ion Ratio Lower Upper
 146 100
 111 43.3 22.1 66.1
 148 62.7 31.3 93.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.206 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012486.D
 Acq: 18 Sep 2019 20:04

Tgt Ion: 75 Resp: 18394
 Ion Ratio Lower Upper
 75 100
 155 80.9 38.6 115.8
 157 100.9 50.6 151.9





#93

1,2,4-Trichlorobenzene

Concen: 21.470 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampled :

VX0918WBSD01

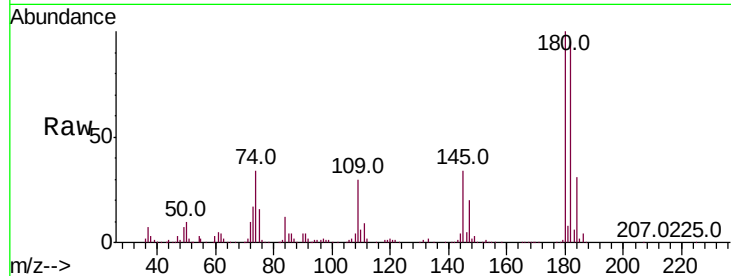
Tot Ion:180 Resp: 62445

Ion Ratio Lower Upper

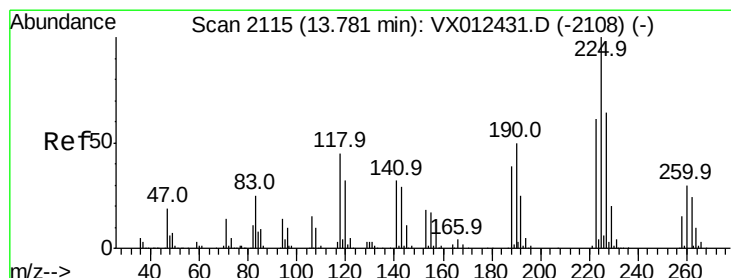
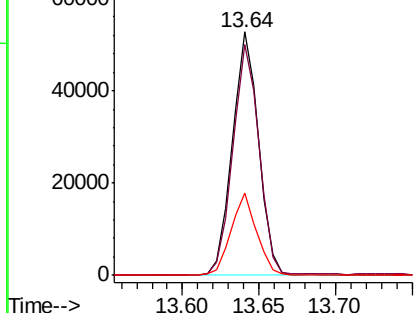
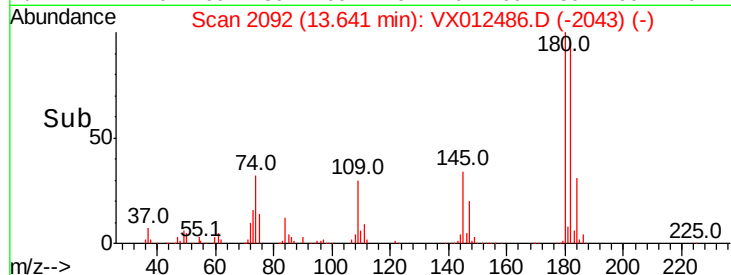
180 100

182 94.8 47.0 141.0

145 33.0 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: 19.103 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

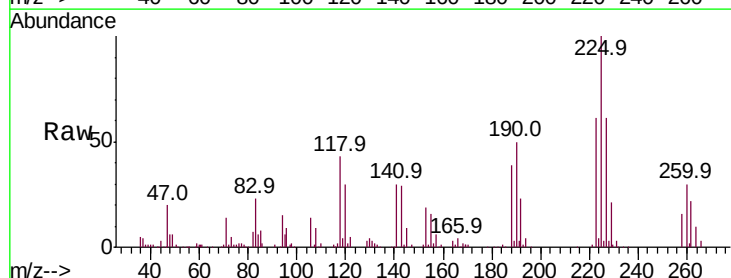
Tgt Ion:225 Resp: 26187

Ion Ratio Lower Upper

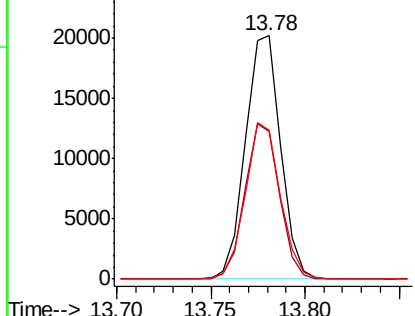
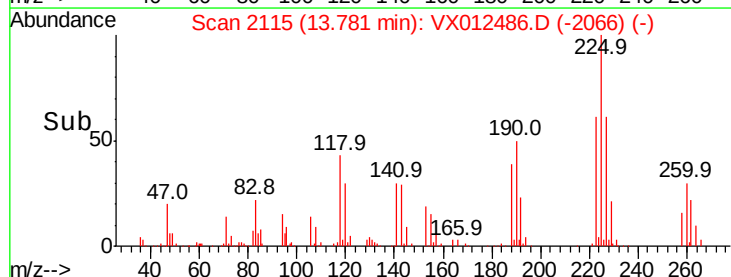
225 100

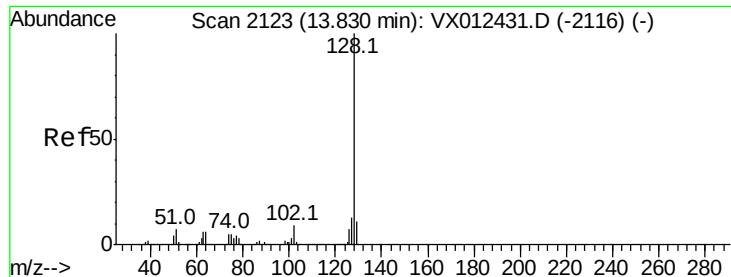
223 62.2 32.0 96.2

227 63.6 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: 22.998 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

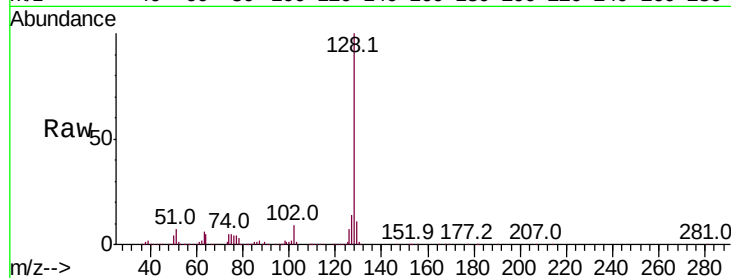
Tot Ion:128 Resp: 238007

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

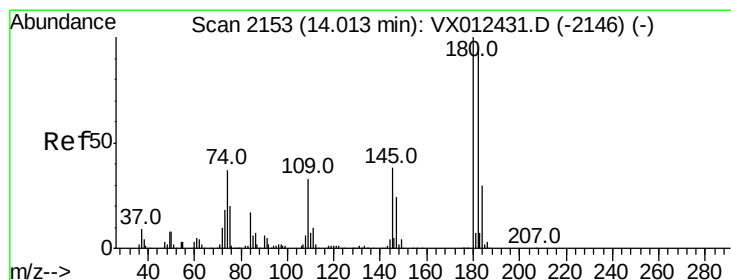
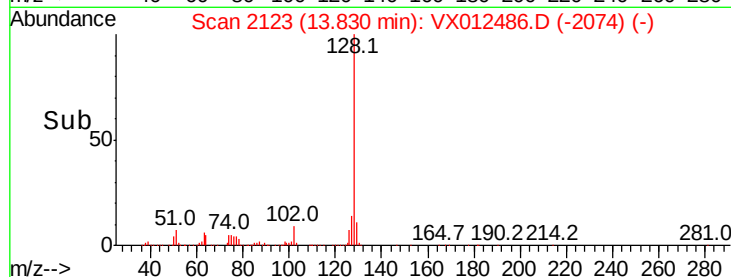
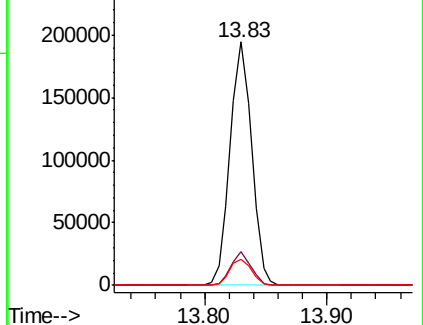
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.492 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX012486.D

Acq: 18 Sep 2019 20:04

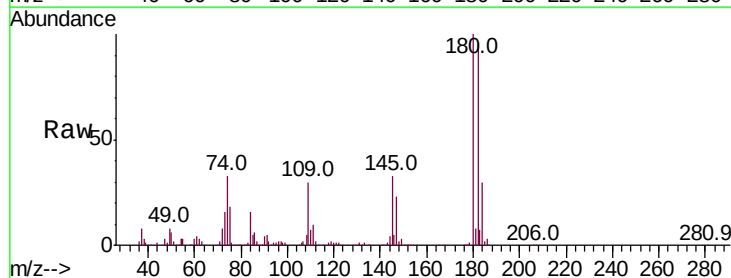
Tgt Ion:180 Resp: 66664

Ion Ratio Lower Upper

180 100

182 94.0 47.1 141.3

145 33.6 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

