

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102218\
 Data File : VX005472.D
 Acq On : 22 Oct 2018 16:06
 Operator : JC/MD
 Sample : VX1022WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

Quant Time: Oct 23 01:26:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	215675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	309944	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	285706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160523	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	136359	56.97	ug/l	-0.01
Spiked Amount			Recovery	=	113.94%	
35) Dibromofluoromethane	5.51	113	107372	52.30	ug/l	0.01
Spiked Amount			Recovery	=	104.60%	
50) Toluene-d8	8.71	98	375755	53.32	ug/l	0.00
Spiked Amount			Recovery	=	106.64%	
62) 4-Bromofluorobenzene	11.14	95	139424	52.66	ug/l	0.00
Spiked Amount			Recovery	=	105.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	36025	21.363	ug/l	99
3) Chloromethane	1.32	50	49741	20.357	ug/l	99
4) Vinyl Chloride	1.40	62	46312	18.710	ug/l	97
5) Bromomethane	1.64	94	30181	21.921	ug/l	87
6) Chloroethane	1.72	64	32805	21.397	ug/l	96
7) Trichlorofluoromethane	1.93	101	69668	21.091	ug/l	85
8) Diethyl Ether	2.19	74	28375	20.116	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38517	20.203	ug/l	95
10) Methyl Iodide	2.51	142	44958	22.925	ug/l	96
11) Tert butyl alcohol	3.07	59	78895	116.844	ug/l	100
12) 1,1-Dichloroethene	2.37	96	37861	20.043	ug/l	94
13) Acrolein	2.29	56	32718	74.416	ug/l	94
14) Allyl chloride	2.73	41	89091	21.482	ug/l	95
15) Acrylonitrile	3.15	53	163465	106.834	ug/l	98
16) Acetone	2.45	43	159904	115.539	ug/l	93
17) Carbon Disulfide	2.57	76	100347	17.536	ug/l	99
18) Methyl Acetate	2.78	43	100361	25.489	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	145329	21.845	ug/l	99
20) Methylene Chloride	2.85	84	45225	21.685	ug/l #	94
21) trans-1,2-Dichloroethene	3.16	96	41153	19.659	ug/l	96
22) Diisopropyl ether	3.87	45	151306	21.721	ug/l #	81
23) Vinyl Acetate	3.83	43	659949	108.395	ug/l	96
24) 1,1-Dichloroethane	3.70	63	88164	22.084	ug/l	96
25) 2-Butanone	4.71	43	231066	114.110	ug/l #	89
26) 2,2-Dichloropropane	4.59	77	66333	22.217	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	45646	20.064	ug/l	93
28) Bromochloromethane	5.02	49	44191	24.282	ug/l	90
29) Tetrahydrofuran	5.16	42	139705	108.160	ug/l	93
30) Chloroform	5.21	83	83697	22.587	ug/l	88
31) Cyclohexane	5.58	56	64875	19.716	ug/l #	83
32) 1,1,1-Trichloroethane	5.49	97	70281	21.798	ug/l	99
36) 1,1-Dichloropropene	5.80	75	57939	19.302	ug/l	97
37) Ethyl Acetate	4.86	43	79047	20.476	ug/l	99
38) Carbon Tetrachloride	5.78	117	59368	19.683	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	57378	17.661	ug/l	94
40) Benzene	6.15	78	176002	19.545	ug/l	99
41) Methacrylonitrile	5.05	41	44712	21.604	ug/l	97
42) 1,2-Dichloroethane	6.20	62	65852	20.711	ug/l	97
43) Isopropyl Acetate	6.46	43	115972	22.552	ug/l	97
44) Trichloroethene	7.21	130	44847	19.121	ug/l	99
45) 1,2-Dichloropropane	7.52	63	46580	21.088	ug/l	99
46) Dibromomethane	7.66	93	29285	20.088	ug/l	98
47) Bromodichloromethane	7.90	83	58220	21.590	ug/l	97
48) Methyl methacrylate	7.77	41	57326	21.494	ug/l	95
49) 1,4-Dioxane	7.75	88	25602	416.184	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	404899	113.715	ug/l	93
52) Toluene	8.79	92	104880	21.289	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	63587	21.789	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	68754	21.743	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	45543	21.826	ug/l	97
56) Ethyl methacrylate	9.18	69	65516	21.538	ug/l	93
57) 1,3-Dichloropropane	9.37	76	75561	21.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	192950	113.105	ug/l	94
59) 2-Hexanone	9.49	43	319357	111.499	ug/l	92
60) Dibromochloromethane	9.59	129	47284	21.923	ug/l	99
61) 1,2-Dibromoethane	9.67	107	46388	21.183	ug/l	100
64) Tetrachloroethene	9.34	164	45626	19.837	ug/l	98
65) Chlorobenzene	10.14	112	119656	19.689	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	44822	20.696	ug/l	98
67) Ethyl Benzene	10.26	91	196449	19.884	ug/l	98
68) m/p-Xylenes	10.36	106	152786	39.843	ug/l	93
69) o-Xylene	10.70	106	72801	19.685	ug/l	93
70) Styrene	10.71	104	123776	20.348	ug/l	96
71) Bromoform	10.86	173	37965	19.617	ug/l #	99
73) Isopropylbenzene	11.02	105	203612	21.337	ug/l	99
74) N-amyl acetate	10.90	43	98035	21.300	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	74466	20.686	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	86291	27.713	ug/l	88
77) Bromobenzene	11.26	156	55770	20.440	ug/l	98
78) n-propylbenzene	11.36	91	234660	21.370	ug/l	99
79) 2-Chlorotoluene	11.42	91	140468	20.887	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	171346	20.968	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	20852	20.348	ug/l	99
82) 4-Chlorotoluene	11.51	91	165944	20.815	ug/l	99
83) tert-Butylbenzene	11.77	119	170442	20.597	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	178714	21.251	ug/l	97
85) sec-Butylbenzene	11.94	105	205802	21.015	ug/l	99
86) p-Isopropyltoluene	12.07	119	184585	20.854	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	102259	20.057	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	102756	19.701	ug/l	99
89) n-Butylbenzene	12.39	91	158195	19.684	ug/l	97
90) Hexachloroethane	12.60	117	29919	19.613	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	101877	19.581	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17652	20.103	ug/l	96

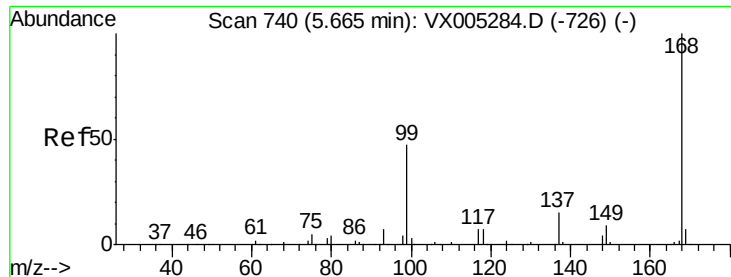
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102218\
Data File : VX005472.D
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Sample : VX1022WBSD01
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	74810	19.598	ug/l	99
94) Hexachlorobutadiene	13.79	225	37973	18.835	ug/l	97
95) Naphthalene	13.83	128	229326	20.715	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	77694	19.892	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

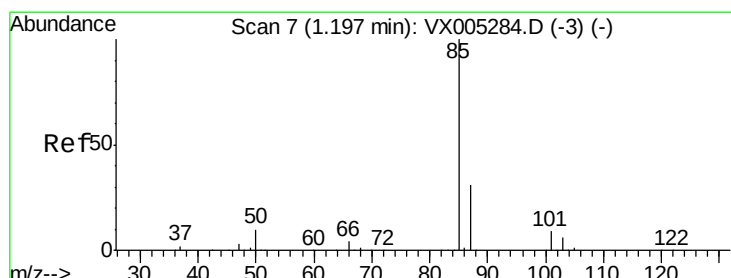
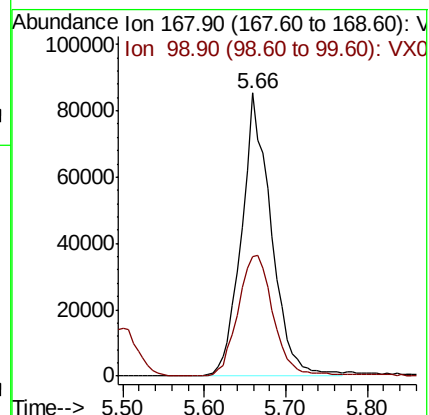
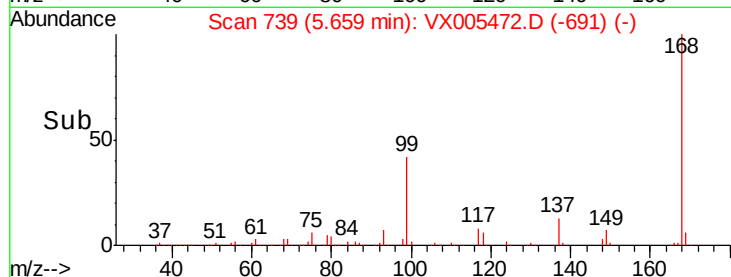
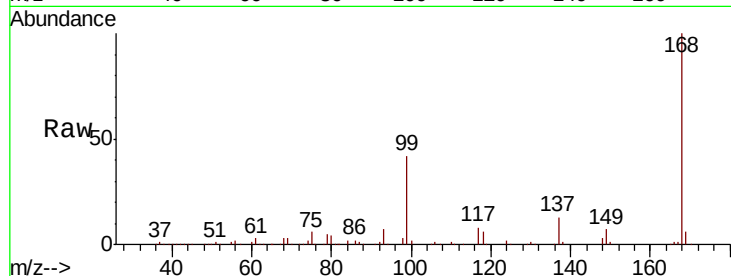
VX1022WBSD01

Tot Ion:168 Resp: 215675

Ion Ratio Lower Upper

168 100

99 42.0 39.9 59.9



#2

Dichlorodifluoromethane

Concen: 21.363 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005472.D

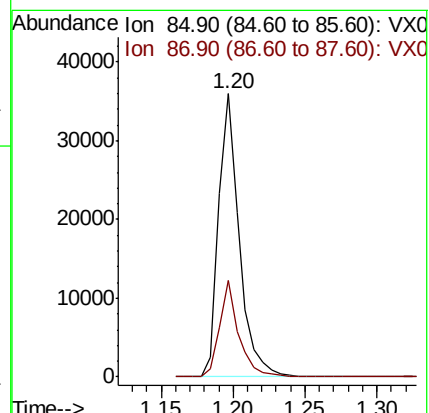
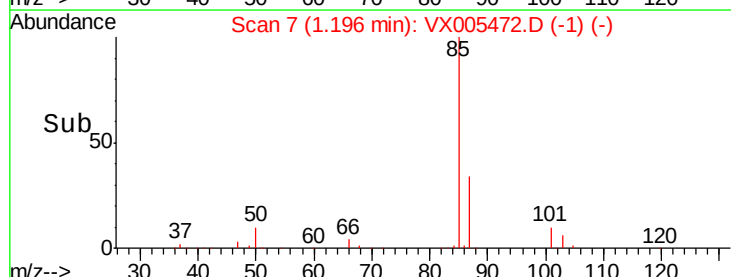
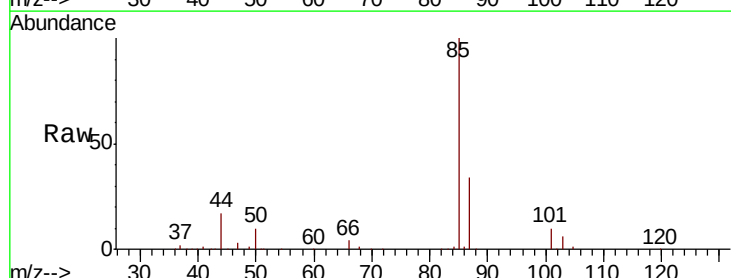
Acq: 22 Oct 2018 16:06

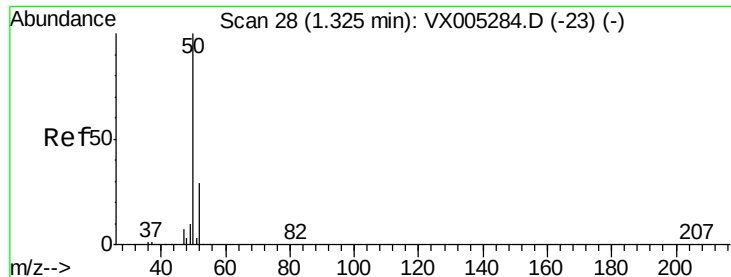
Tgt Ion: 85 Resp: 36025

Ion Ratio Lower Upper

85 100

87 34.3 17.0 50.9





#3

Chloromethane

Concen: 20.357 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

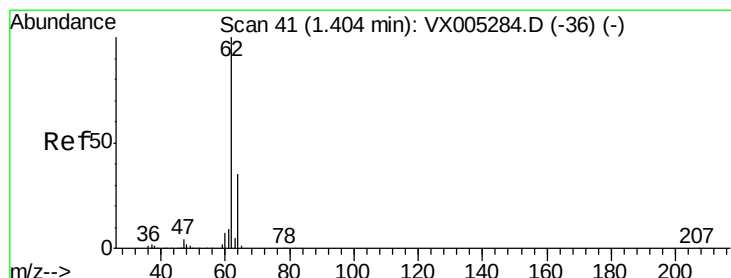
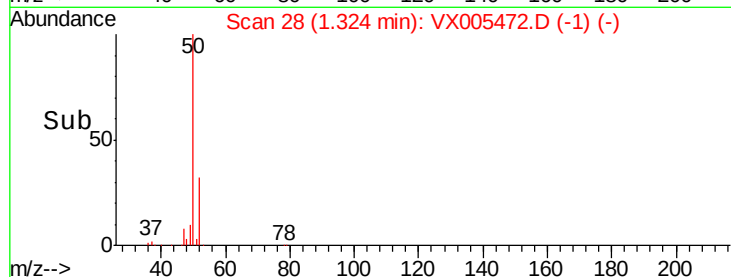
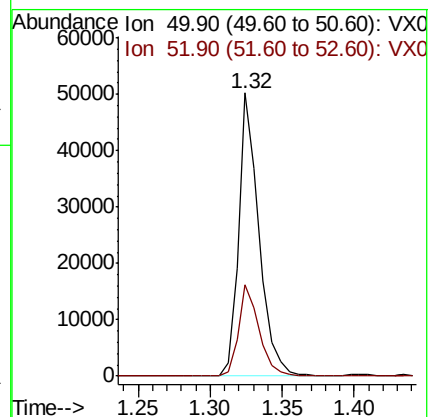
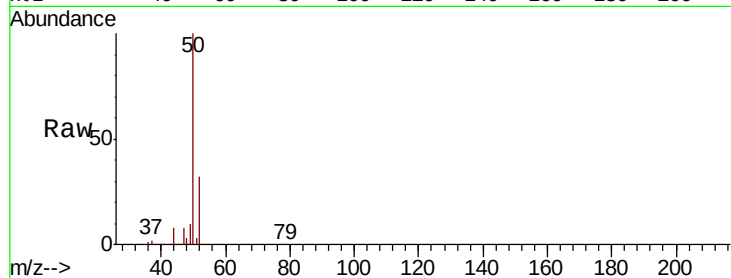
VX1022WBSD01

Tot Ion: 50 Resp: 49741

Ion Ratio Lower Upper

50 100

52 32.1 26.2 39.2



#4

Vinyl Chloride

Concen: 18.710 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005472.D

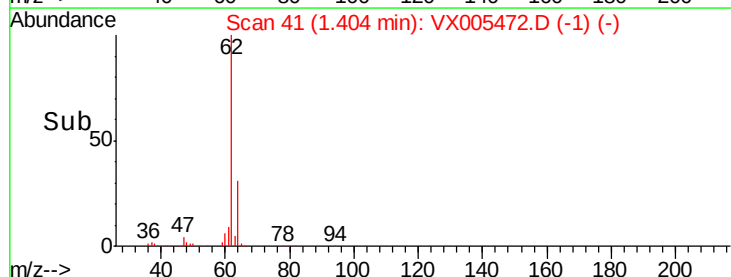
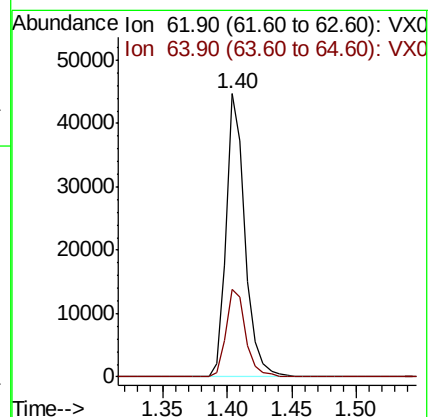
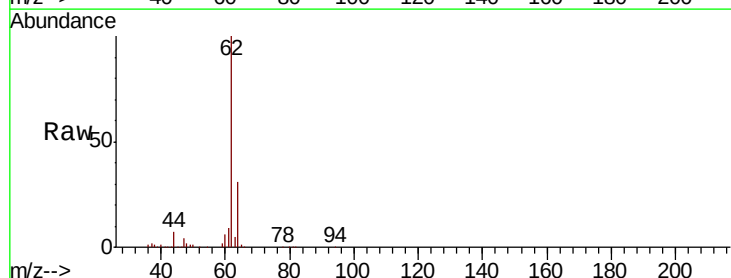
Acq: 22 Oct 2018 16:06

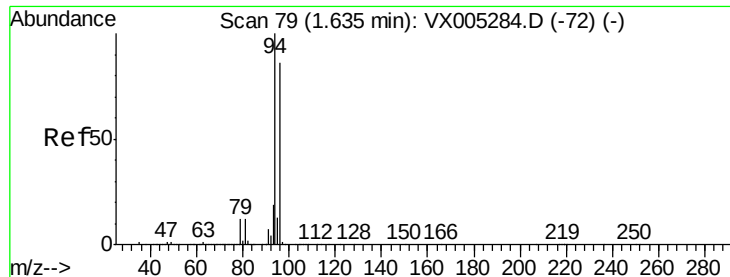
Tgt Ion: 62 Resp: 46312

Ion Ratio Lower Upper

62 100

64 30.9 25.8 38.8

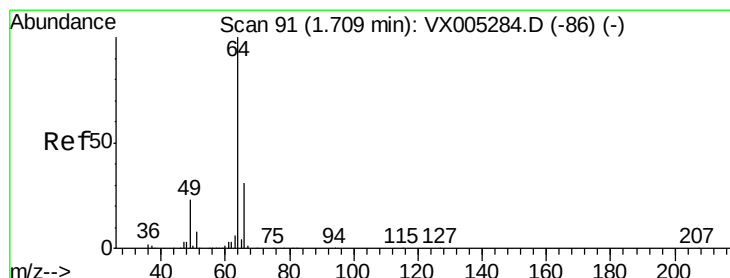
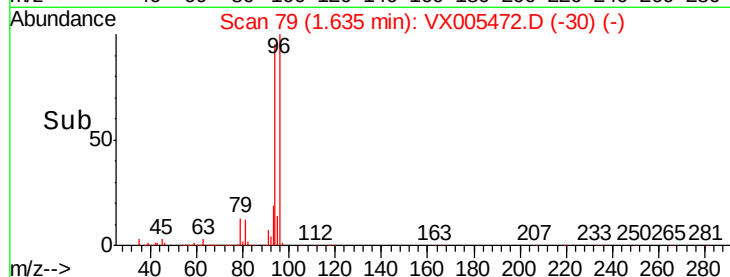
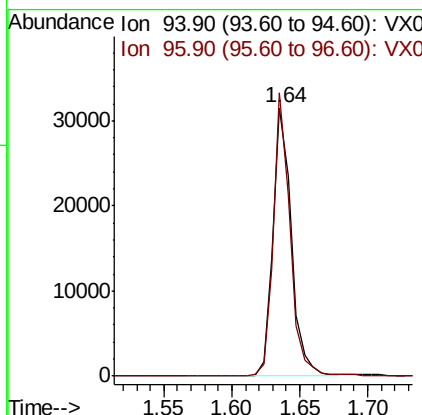
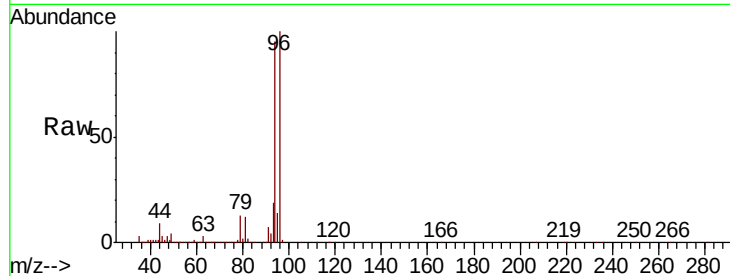




#5
Bromomethane
Concen: 21.921 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

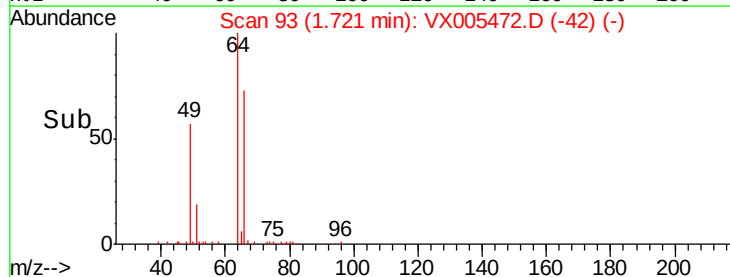
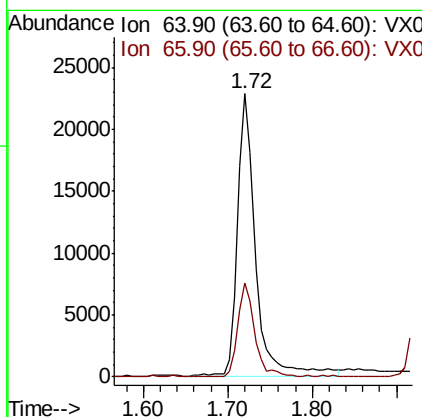
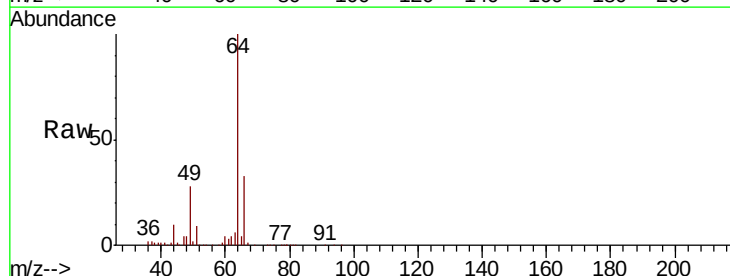
Instrument :
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ClientSampleId :
VX1022WBSD01

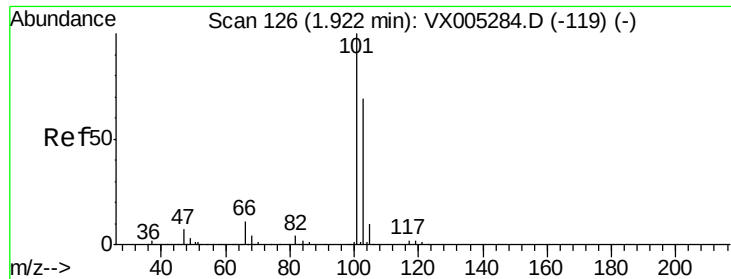
Tot Ion: 94 Resp: 30181
Ion Ratio Lower Upper
94 100
96 105.6 74.5 111.7



#6
Chloroethane
Concen: 21.397 ug/l
RT: 1.72 min Scan# 93
Delta R.T. 0.01 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

Tgt Ion: 64 Resp: 32805
Ion Ratio Lower Upper
64 100
66 33.1 24.6 36.8



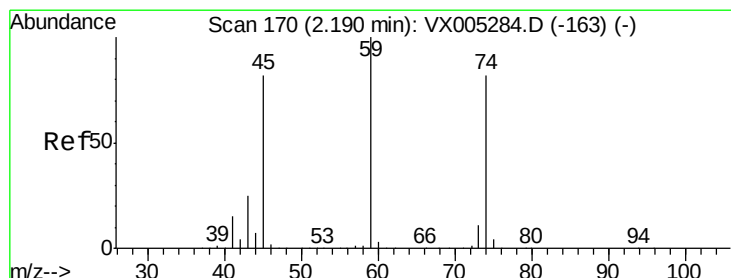
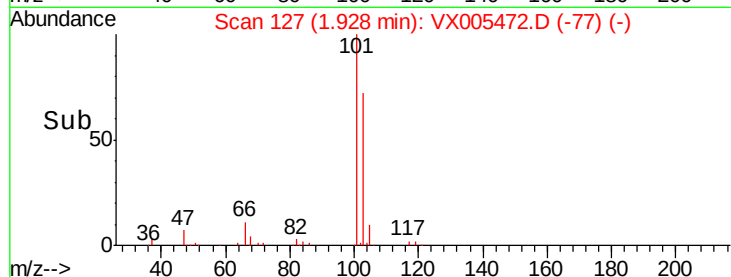
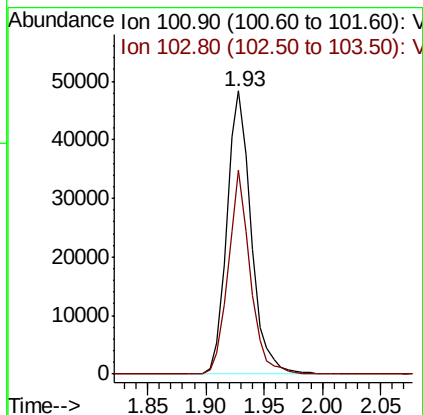
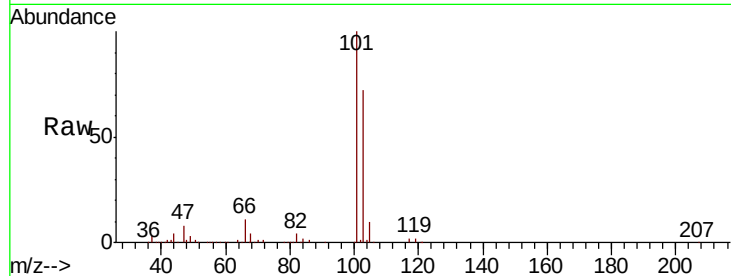


#7

Trichlorofluoromethane
 Concen: 21.091 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005472.D
 Acq: 22 Oct 2018 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

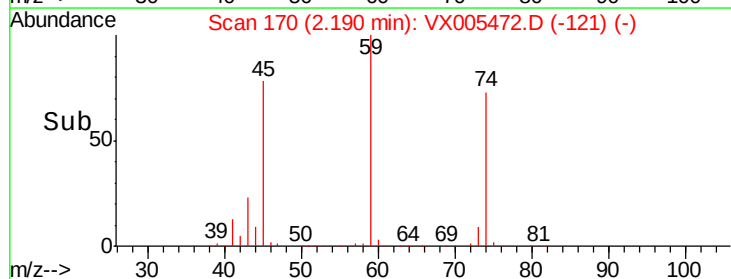
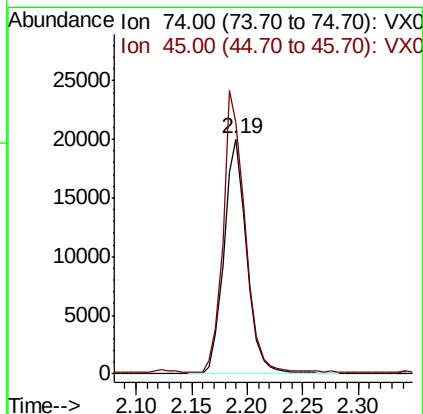
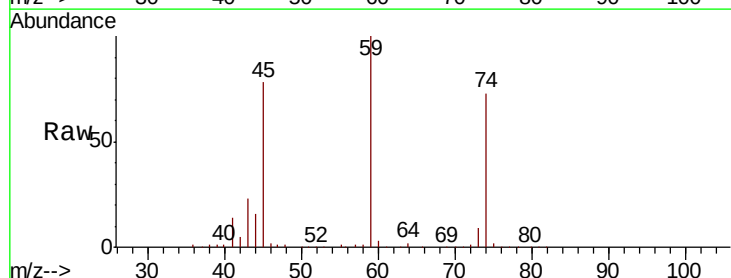
Tot Ion:101 Resp: 69668
 Ion Ratio Lower Upper
 101 100
 103 72.3 48.9 73.3

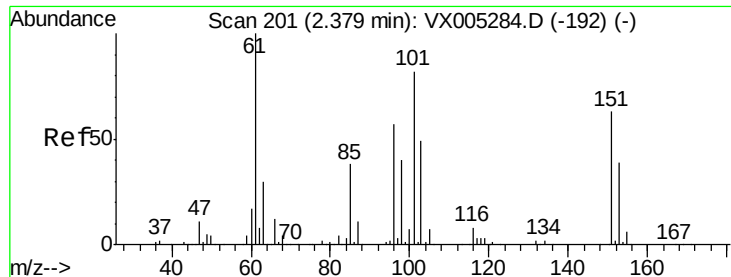


#8

Diethyl Ether
 Concen: 20.116 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005472.D
 Acq: 22 Oct 2018 16:06

Tgt Ion: 74 Resp: 28375
 Ion Ratio Lower Upper
 74 100
 45 113.3 48.3 144.8

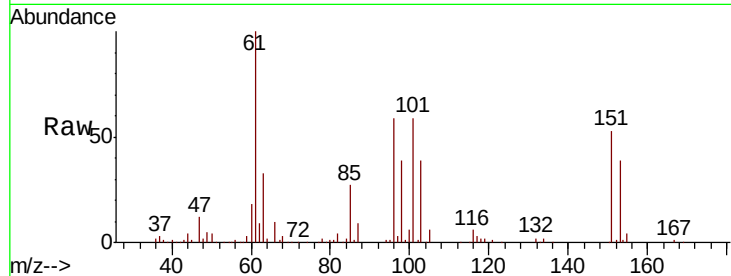




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.203 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.00 min
 Lab File: VX005472.D
 Acq: 22 Oct 2018 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.0	34.2	51.4
151	86.6	65.0	97.6

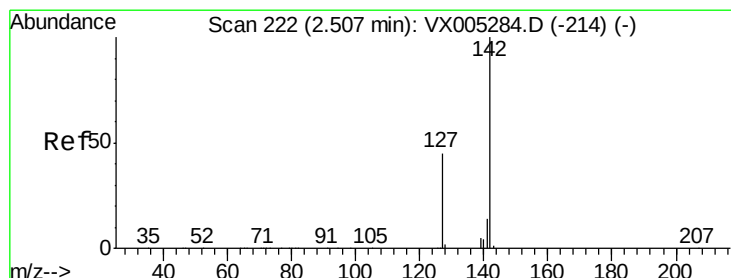
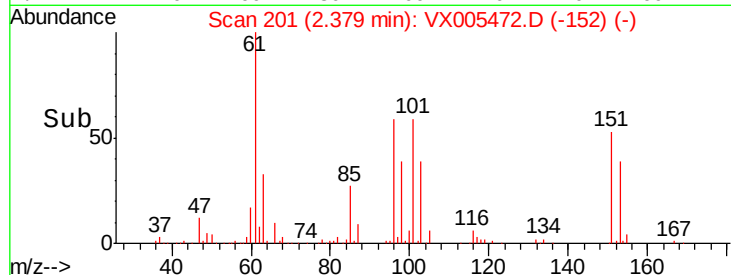
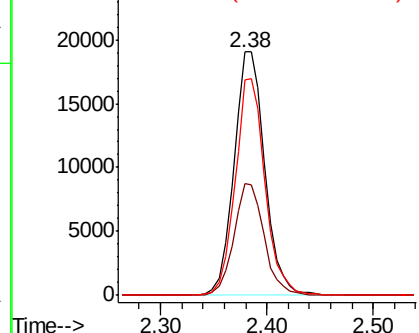


Abundance

Ion 100.90 (100.60 to 101.60): V

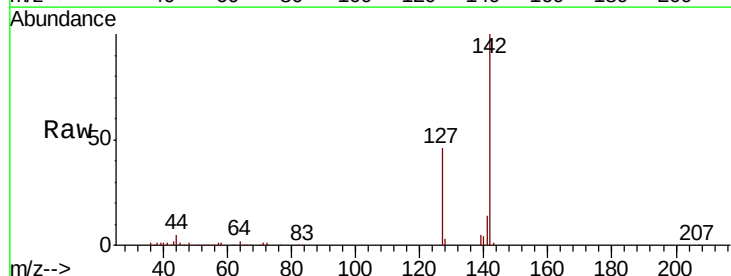
Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10
 Methyl Iodide
 Concen: 22.925 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VX005472.D
 Acq: 22 Oct 2018 16:06

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.2	33.8	50.6
141	14.4	11.4	17.0

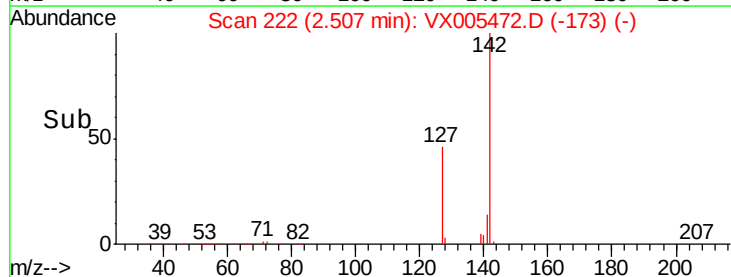
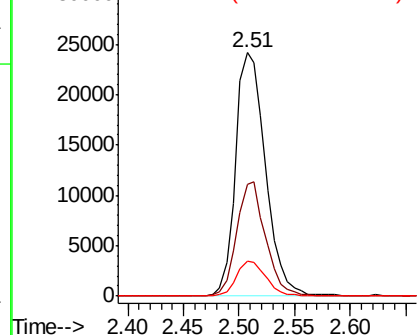


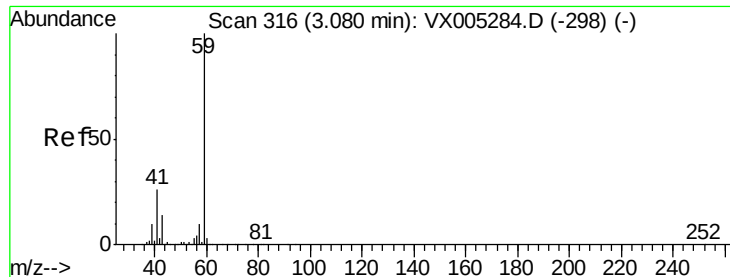
Abundance

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

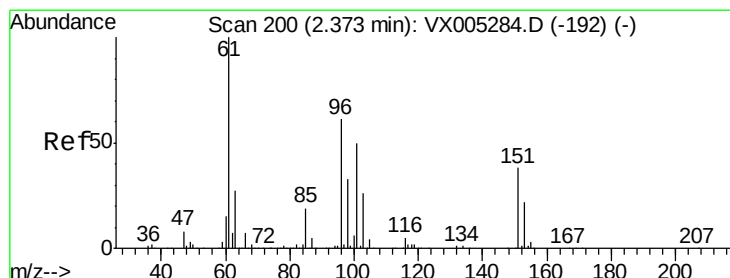
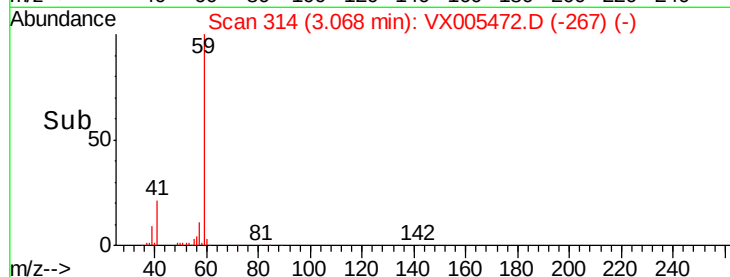
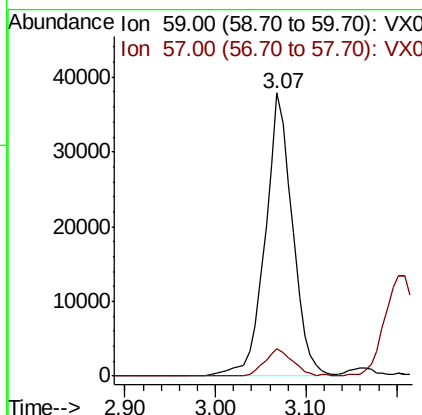
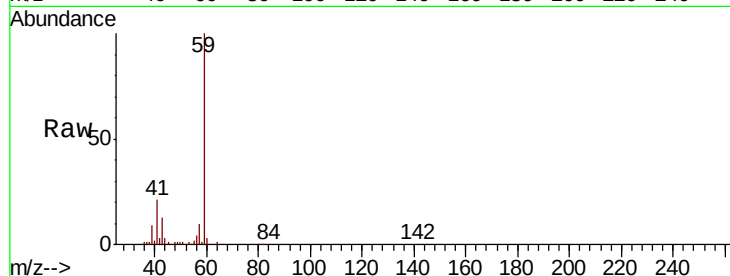




#11
Tert butyl alcohol
Concen: 116.844 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

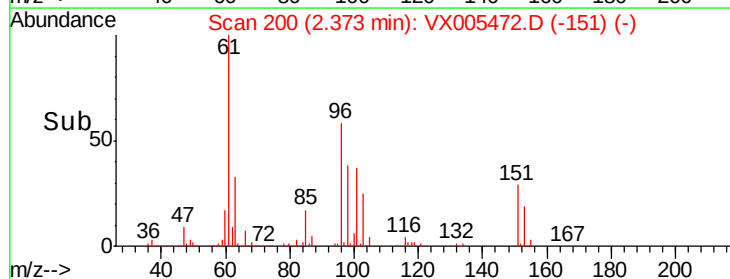
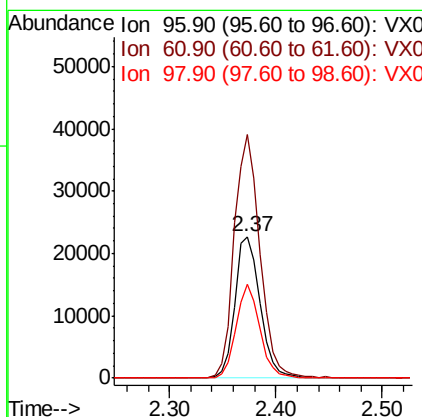
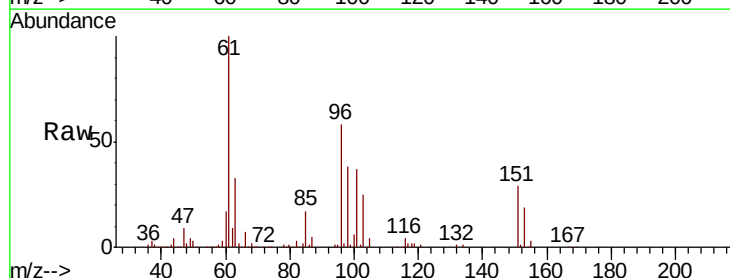
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

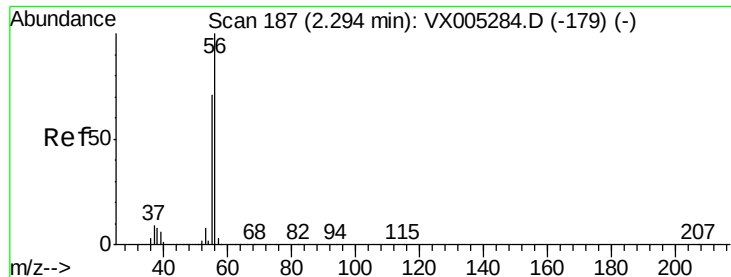
Tot Ion: 59 Resp: 78895
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 20.043 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

Tgt Ion: 96 Resp: 37861
Ion Ratio Lower Upper
96 100
61 172.4 128.8 193.2
98 66.0 52.2 78.2





#13

Acrolein

Concen: 74.416 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

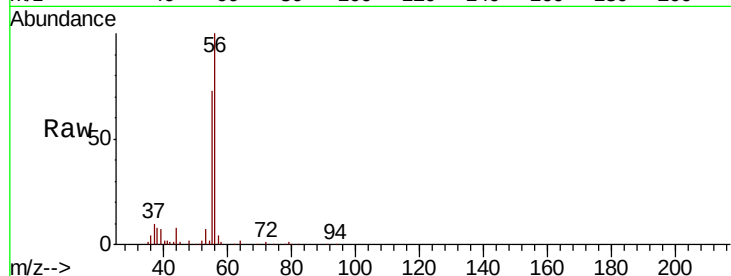
VX1022WBSD01

Tot Ion: 56 Resp: 32718

Ion Ratio Lower Upper

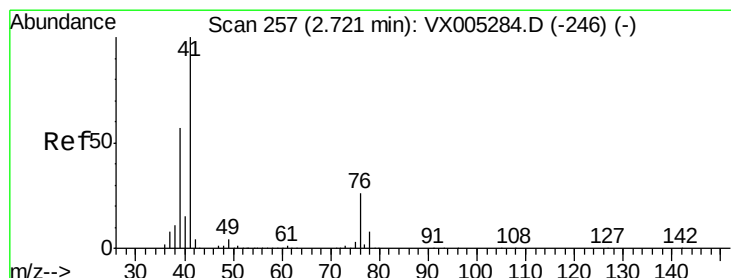
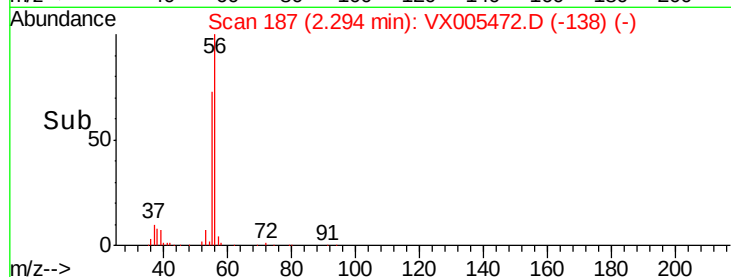
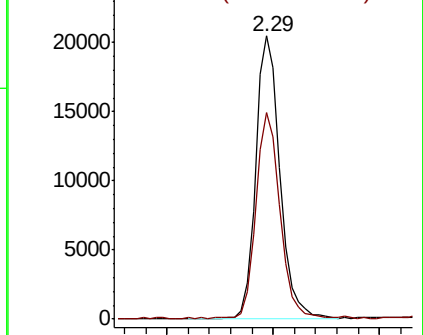
56 100

55 73.5 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 21.482 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

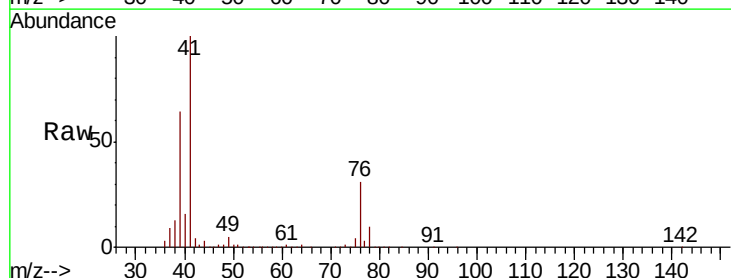
Tgt Ion: 41 Resp: 89091

Ion Ratio Lower Upper

41 100

39 59.0 48.9 73.3

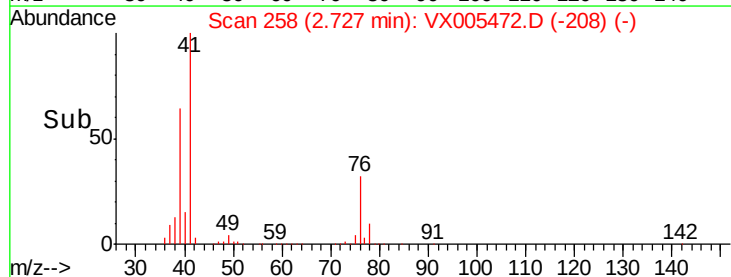
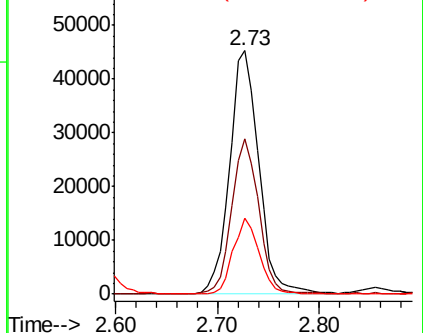
76 28.0 26.7 40.1

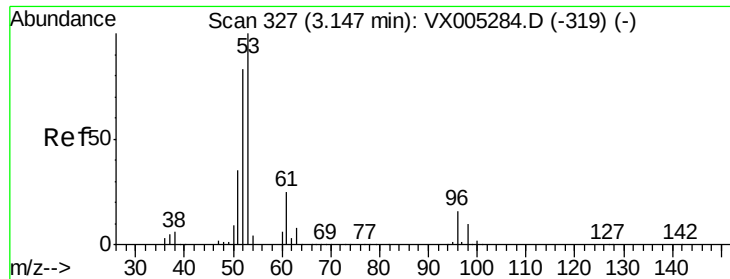


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



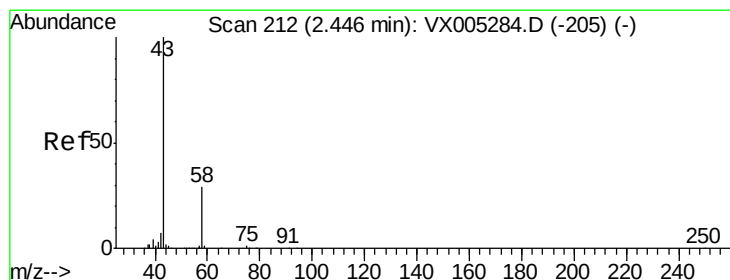
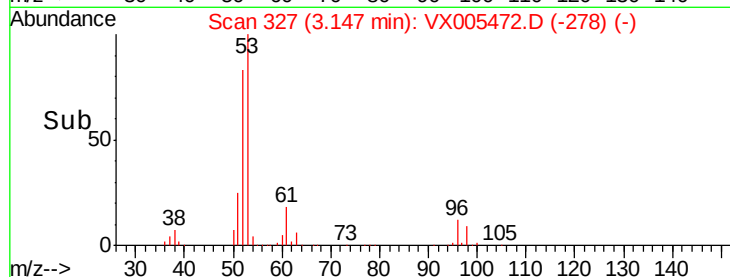
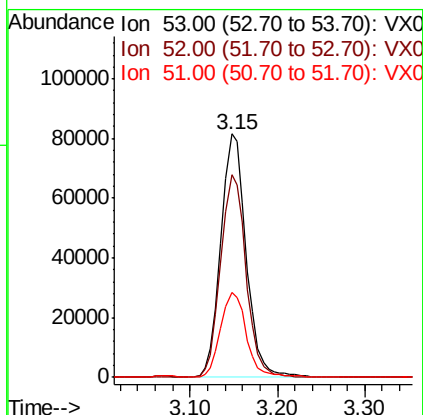
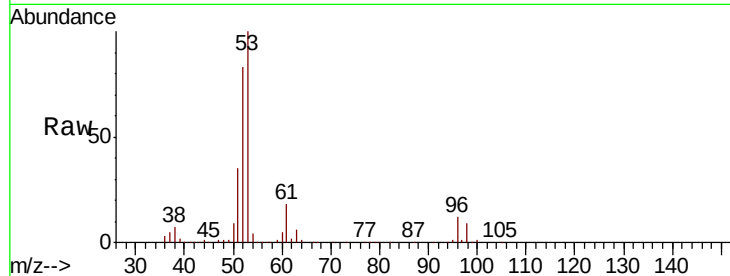


#15
 Acrylonitrile
 Concen: 106.834 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VX005472.D
 Acq: 22 Oct 2018 16:06

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1022WBSD01

Tot Ion: 53 Resp: 163465

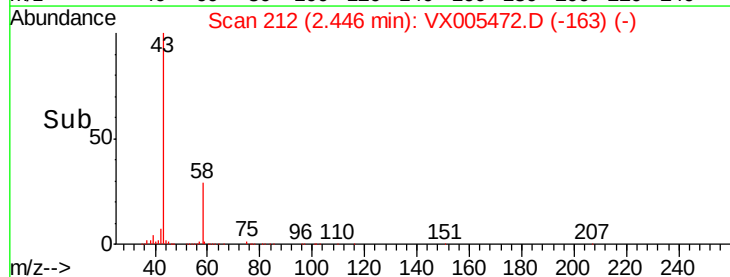
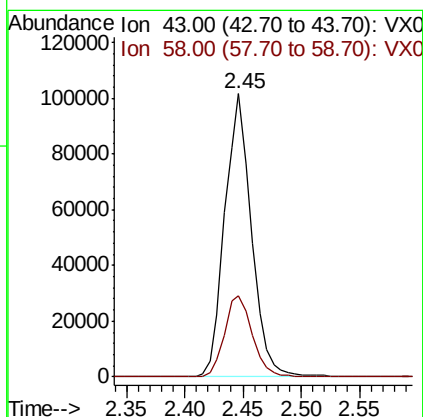
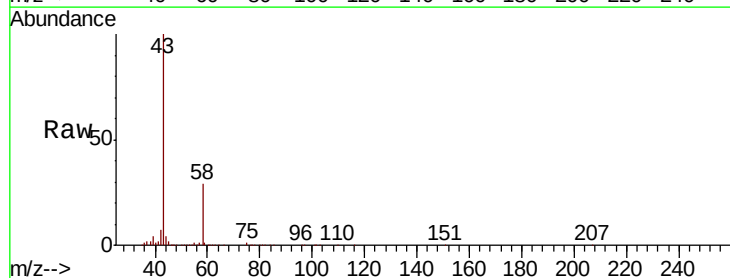
Ion	Ratio	Lower	Upper
53	100		
52	83.4	65.2	97.8
51	35.6	28.2	42.2

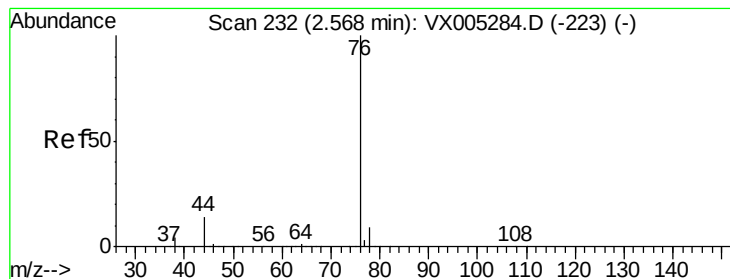


#16
 Acetone
 Concen: 115.539 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005472.D
 Acq: 22 Oct 2018 16:06

Tgt Ion: 43 Resp: 159904

Ion	Ratio	Lower	Upper
43	100		
58	28.7	26.2	39.4





#17

Carbon Disulfide

Concen: 17.536 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

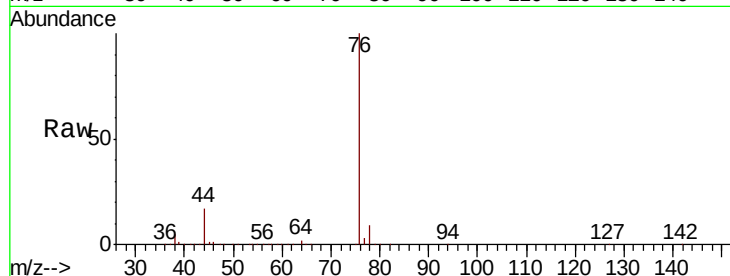
VX1022WBSD01

Tot Ion: 76 Resp: 100347

Ion Ratio Lower Upper

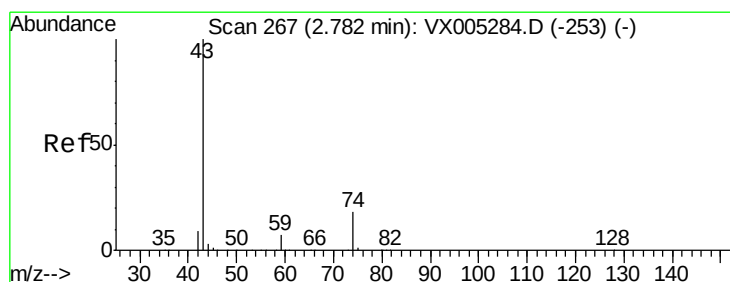
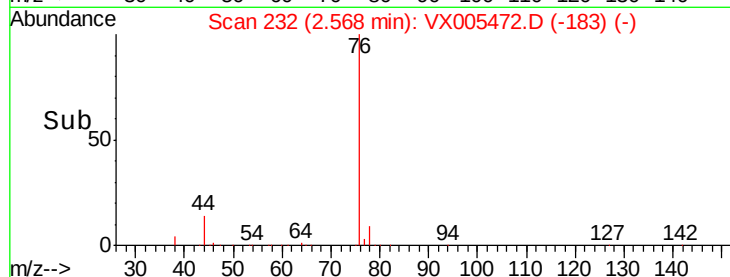
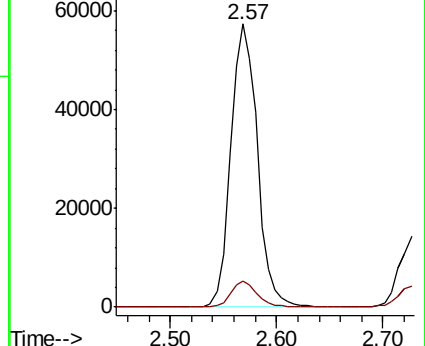
76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 25.489 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005472.D

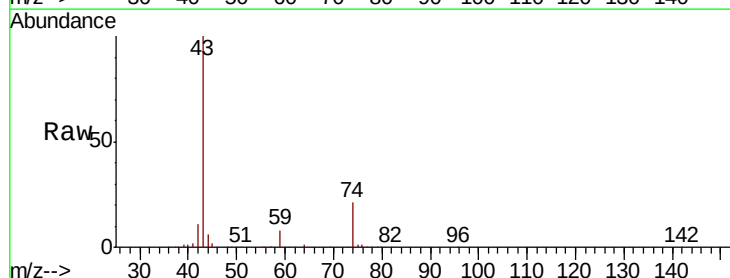
Acq: 22 Oct 2018 16:06

Tgt Ion: 43 Resp: 100361

Ion Ratio Lower Upper

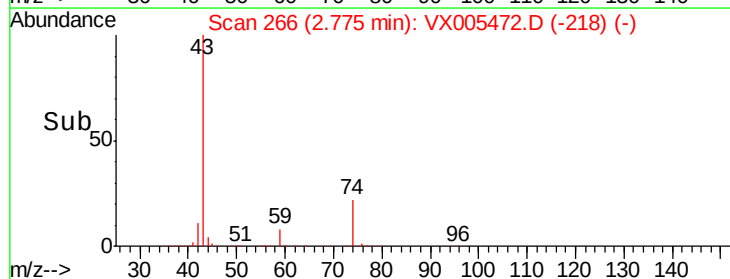
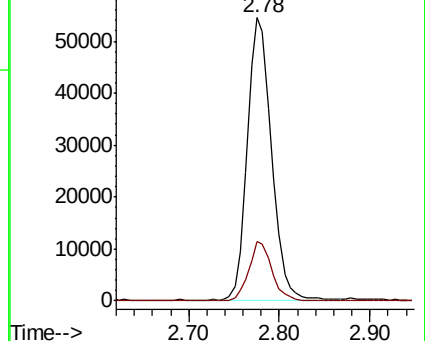
43 100

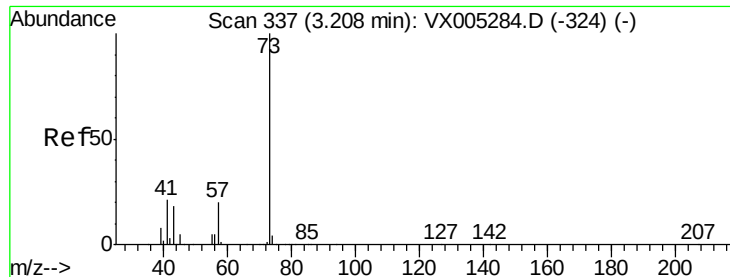
74 20.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

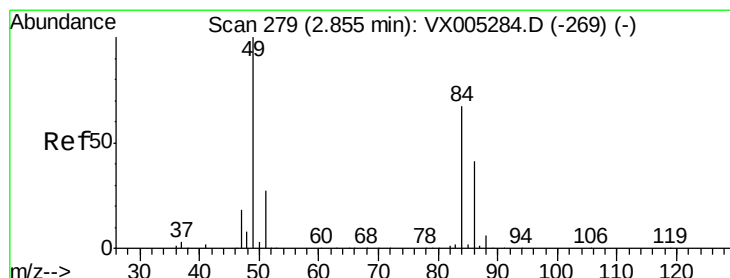
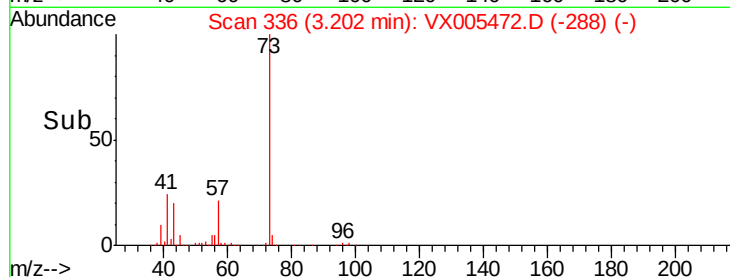
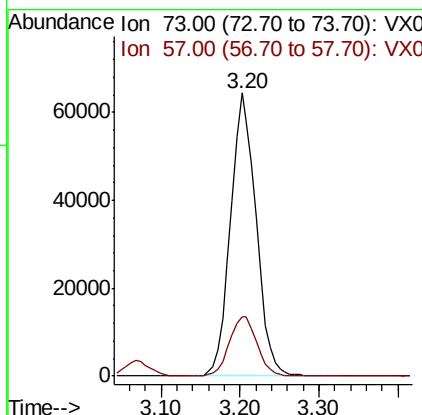
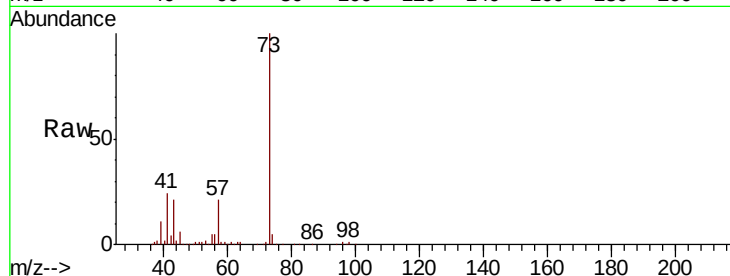




#19
Methyl tert-butyl Ether
Concen: 21.845 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

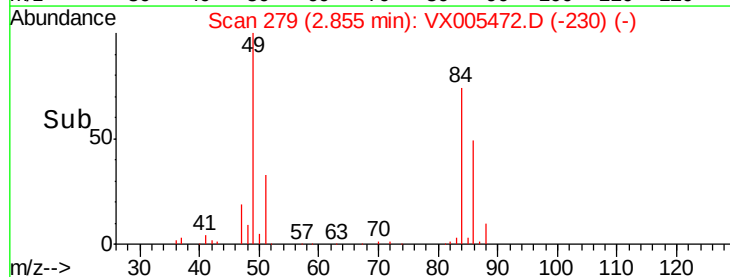
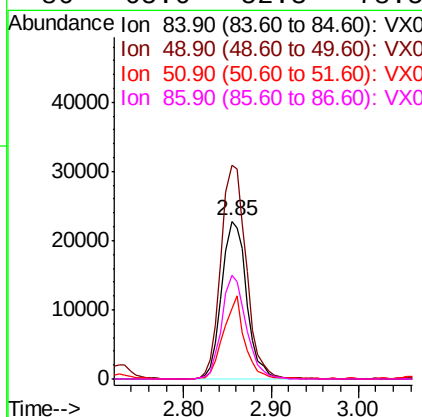
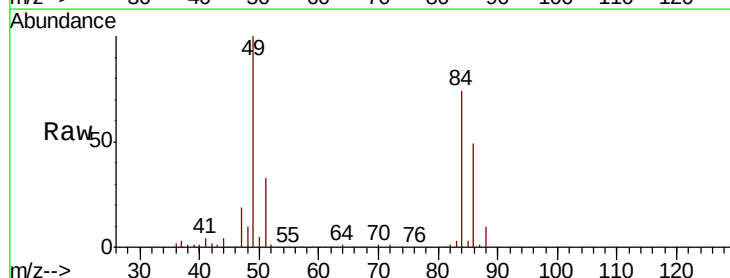
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

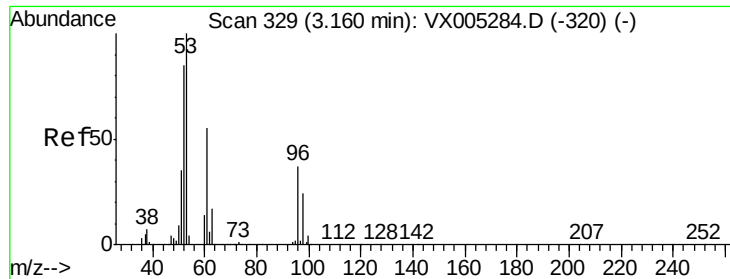
Tot Ion: 73 Resp: 145329
Ion Ratio Lower Upper
73 100
57 21.0 17.1 25.7



#20
Methylene Chloride
Concen: 21.685 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

Tgt Ion: 84 Resp: 45225
Ion Ratio Lower Upper
84 100
49 134.9 101.2 151.8
51 44.5 29.5 44.3#
86 65.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.659 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

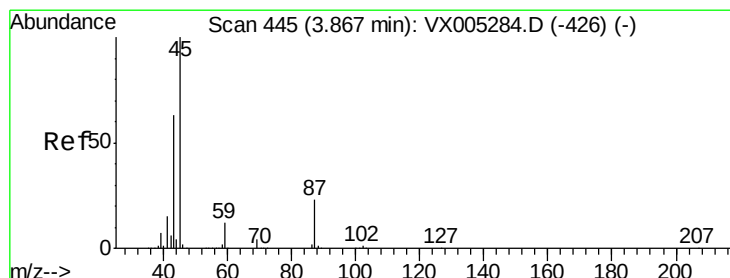
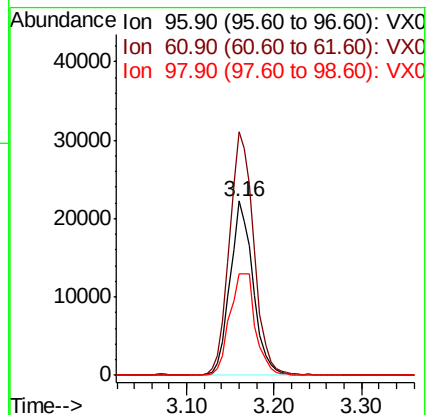
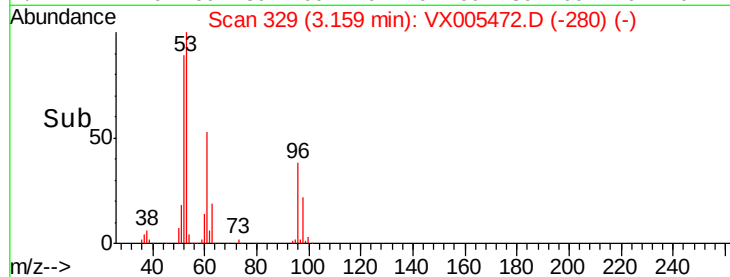
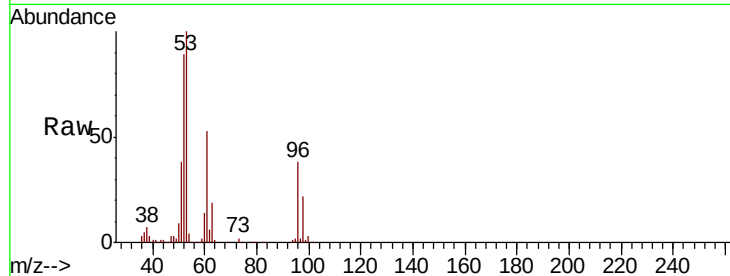
Tot Ion: 96 Resp: 41153

Ion Ratio Lower Upper

96 100

61 139.8 113.8 170.6

98 58.5 51.8 77.8



#22

Diisopropyl ether

Concen: 21.721 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

Tgt Ion: 45 Resp: 151306

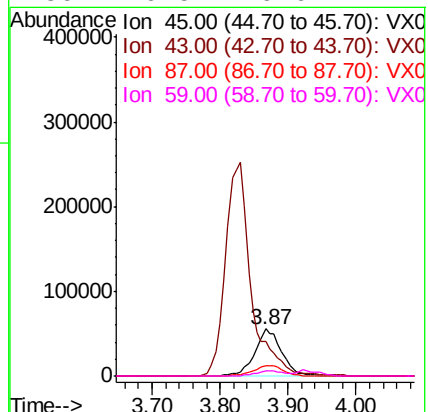
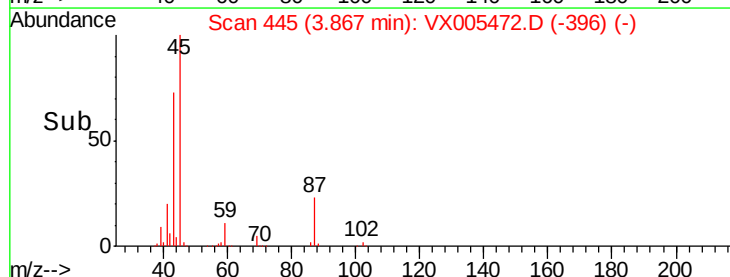
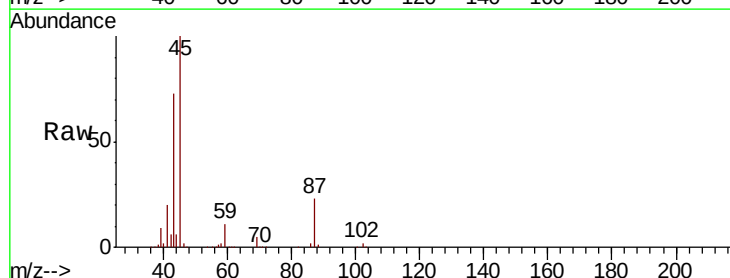
Ion Ratio Lower Upper

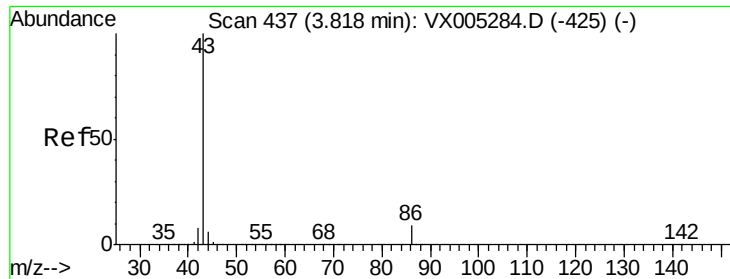
45 100

43 72.6 42.8 64.2#

87 23.1 22.6 34.0

59 10.5 9.6 14.4





#23

Vinyl Acetate

Concen: 108.395 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

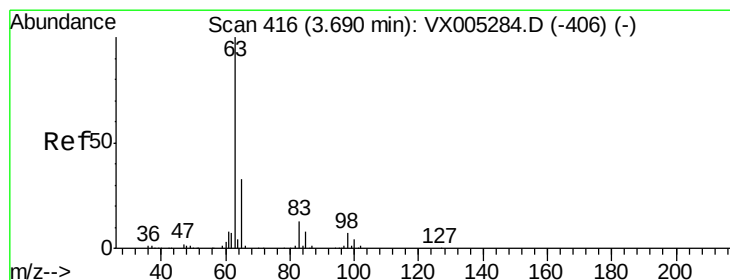
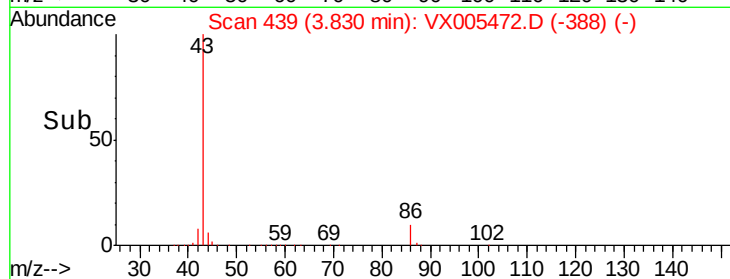
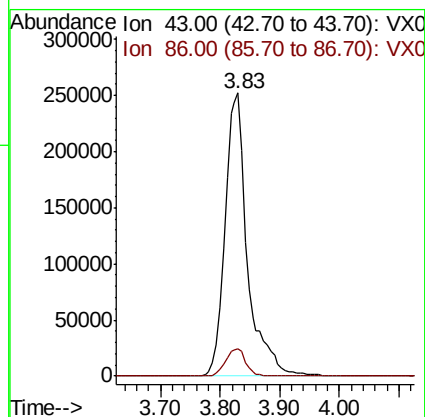
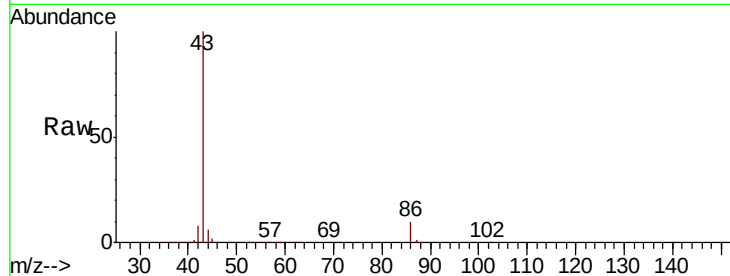
VX1022WBSD01

Tot Ion: 43 Resp: 659949

Ion Ratio Lower Upper

43 100

86 9.8 8.9 13.3



#24

1,1-Dichloroethane

Concen: 22.084 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

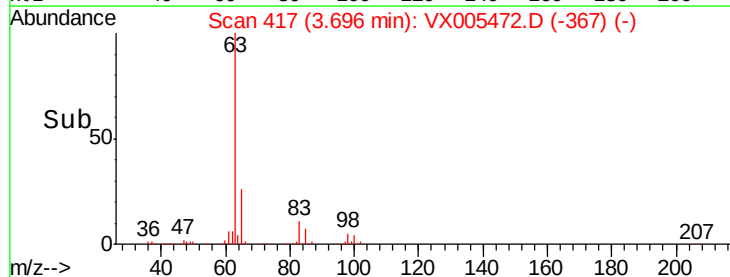
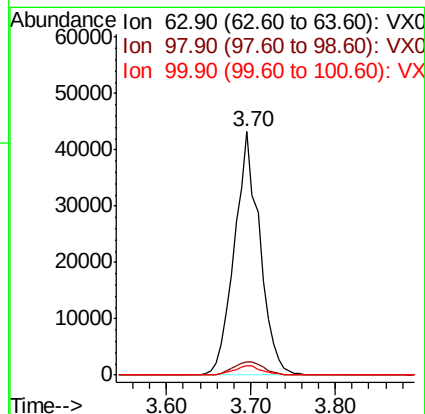
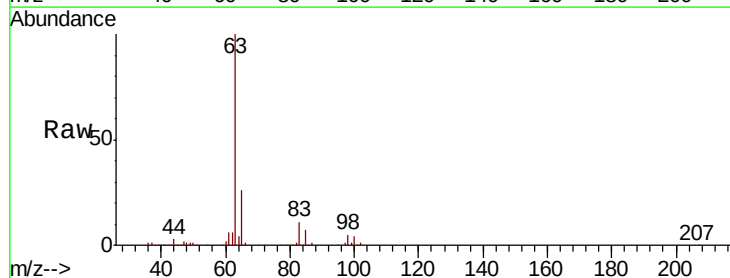
Tgt Ion: 63 Resp: 88164

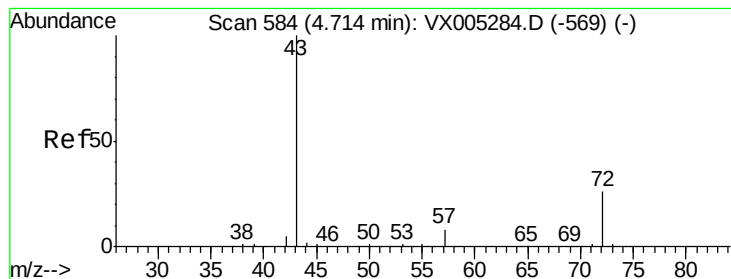
Ion Ratio Lower Upper

63 100

98 5.2 3.5 10.4

100 3.8 2.4 7.1





#25

2-Butanone

Concen: 114.110 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.01 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

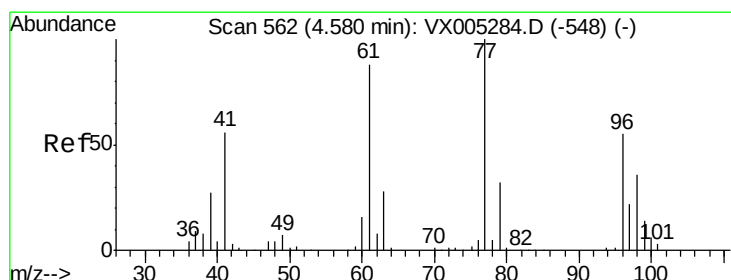
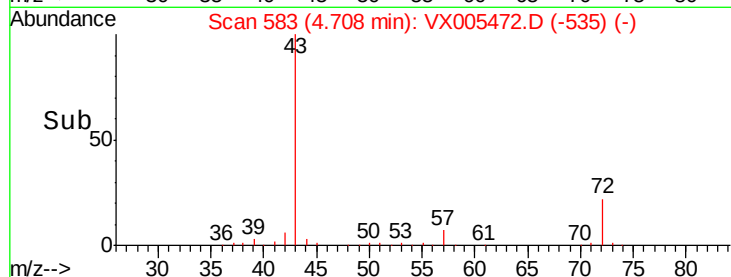
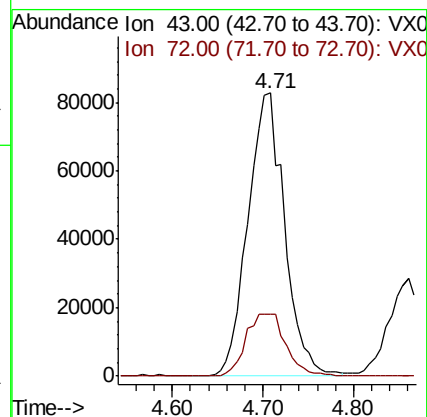
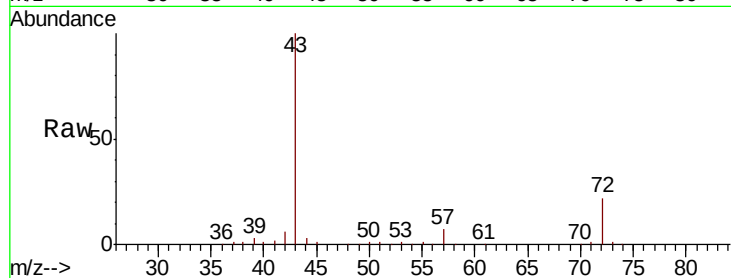
VX1022WBSD01

Tot Ion: 43 Resp: 231066

Ion Ratio Lower Upper

43 100

72 21.9 22.0 33.0#



#26

2,2-Dichloropropane

Concen: 22.217 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX005472.D

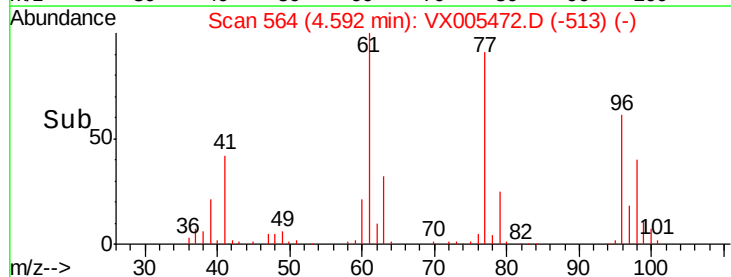
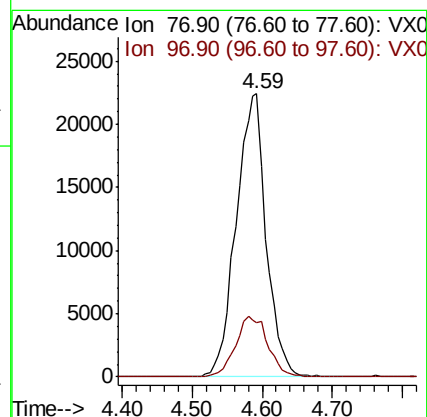
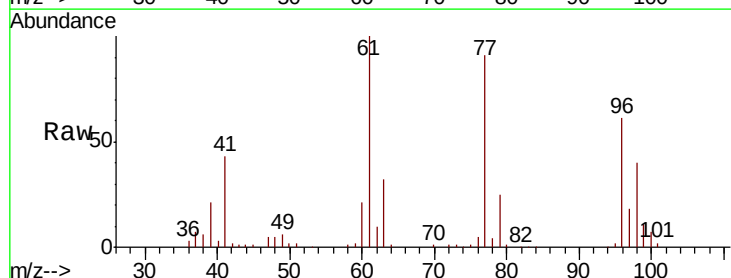
Acq: 22 Oct 2018 16:06

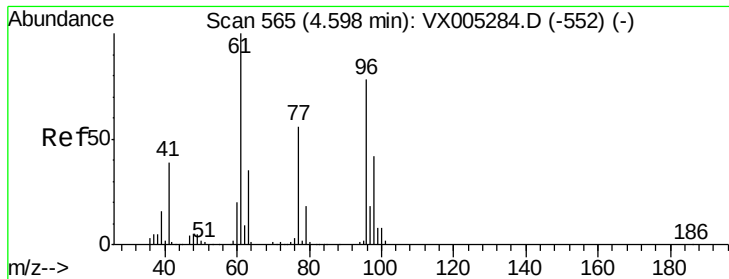
Tgt Ion: 77 Resp: 66333

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0



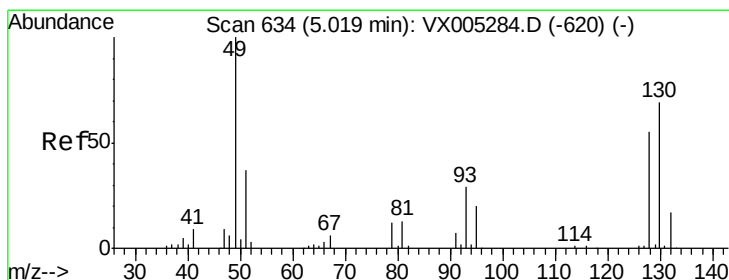
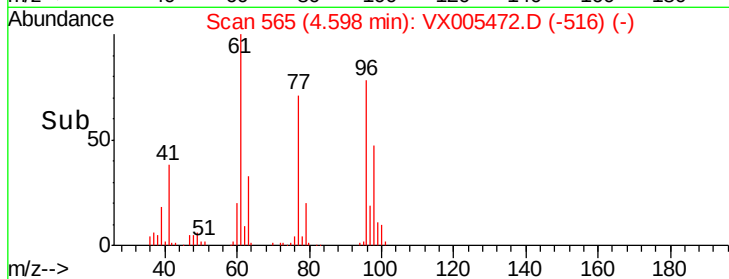
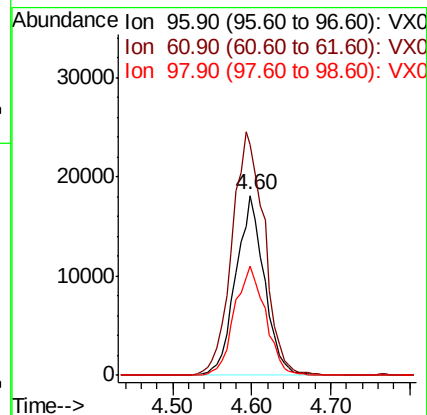
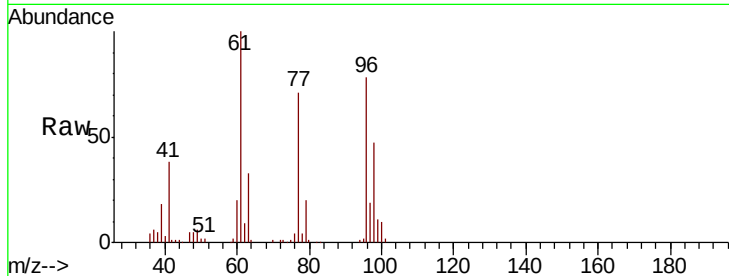


#27

cis-1,2-Dichloroethene
 Concen: 20.064 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX005472.D
 Acq: 22 Oct 2018 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

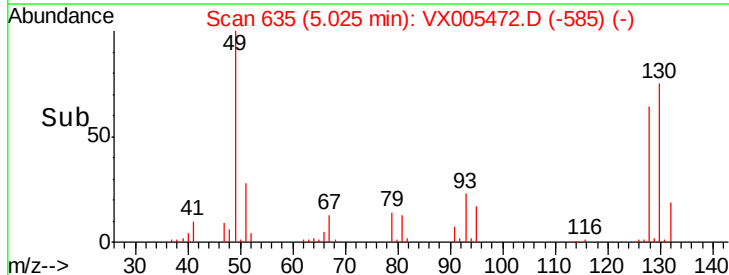
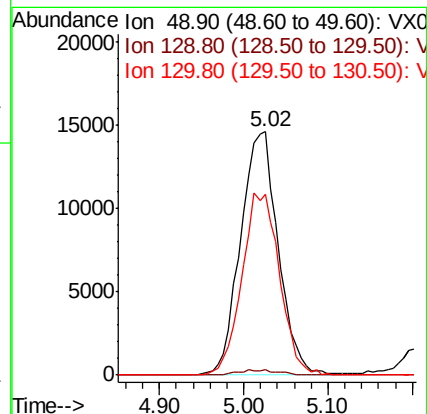
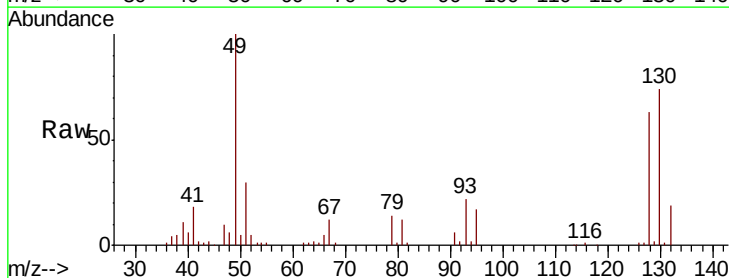
Tot Ion	Ratio	Lower	Upper
96	100		
61	154.1	0.0	282.6
98	65.9	0.0	130.2

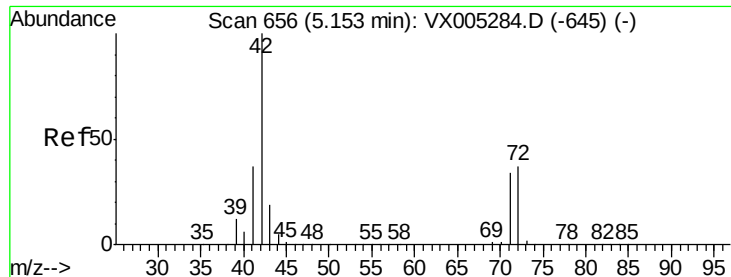


#28

Bromochloromethane
 Concen: 24.282 ug/l
 RT: 5.02 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: VX005472.D
 Acq: 22 Oct 2018 16:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	74.7	67.5	101.3





#29

Tetrahydrofuran

Concen: 108.160 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

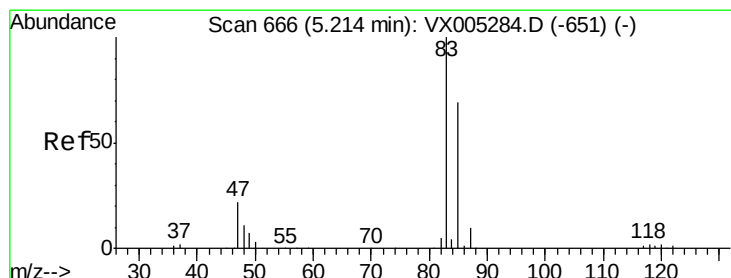
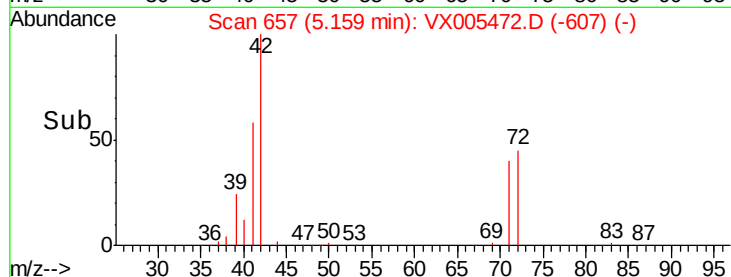
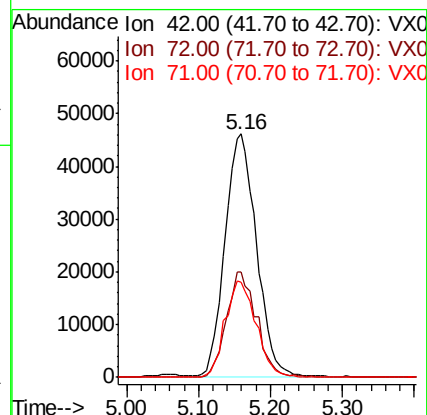
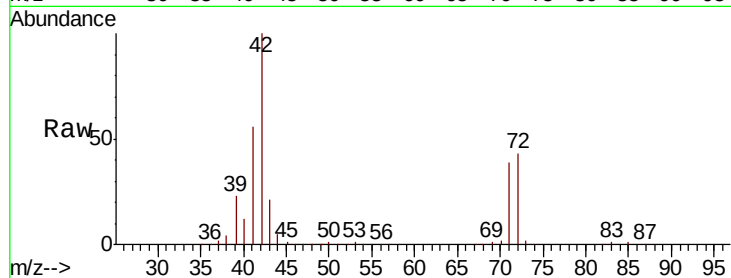
Tot Ion: 42 Resp: 139705

Ion Ratio Lower Upper

42 100

72 41.9 37.4 56.0

71 38.9 34.5 51.7



#30

Chloroform

Concen: 22.587 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005472.D

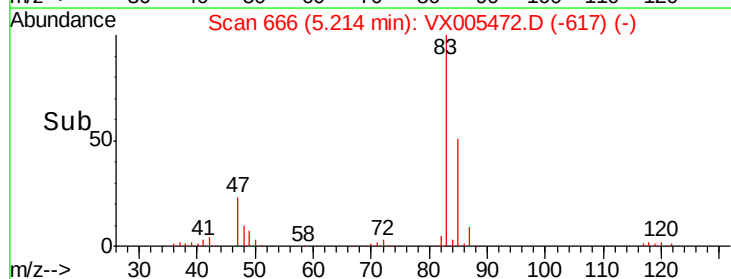
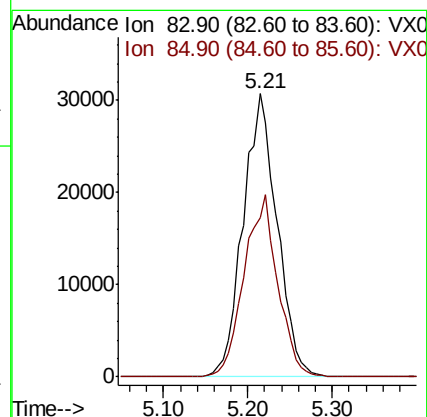
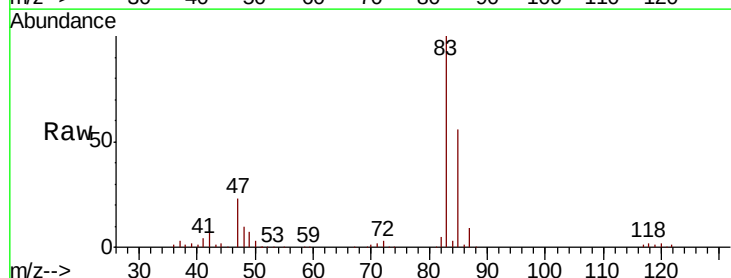
Acq: 22 Oct 2018 16:06

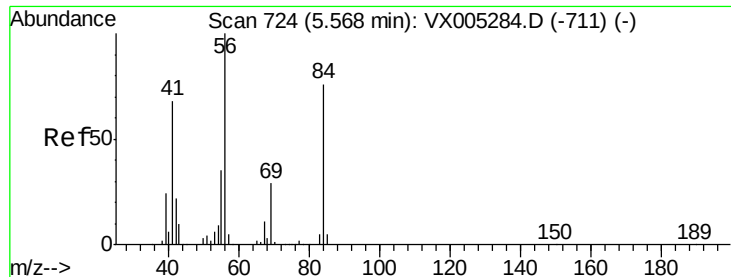
Tgt Ion: 83 Resp: 83697

Ion Ratio Lower Upper

83 100

85 56.1 52.6 79.0

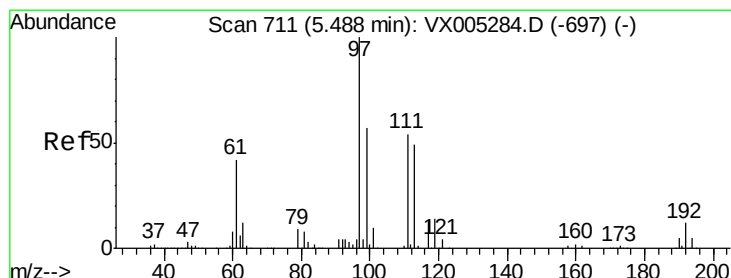
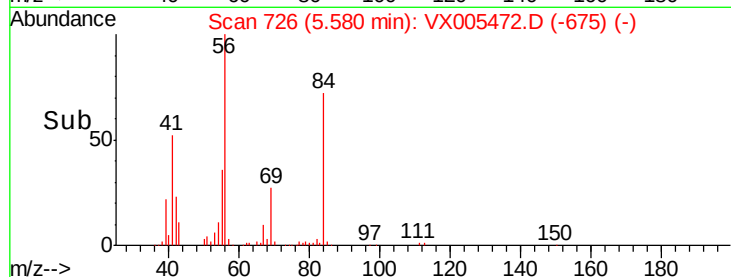
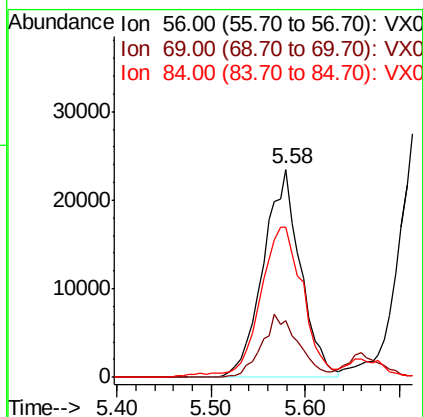
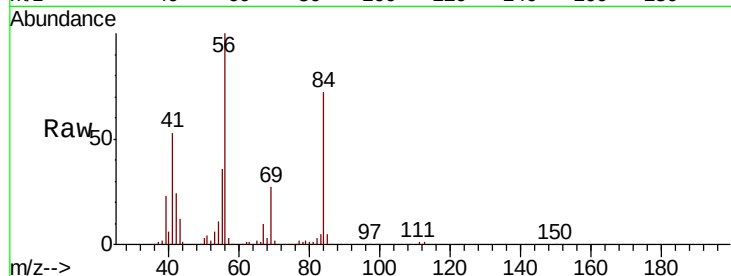




#31
Cyclohexane
Concen: 19.716 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

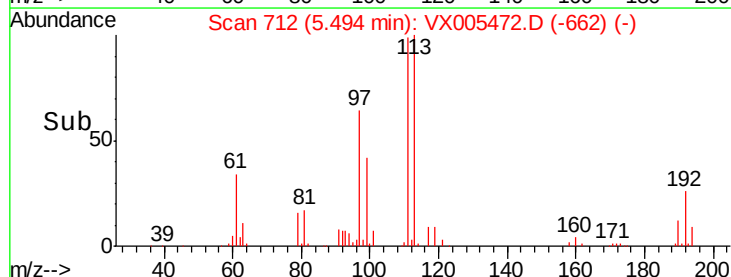
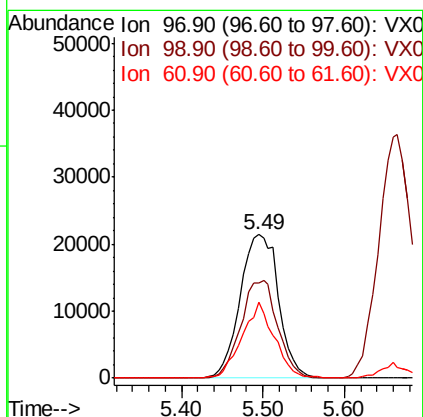
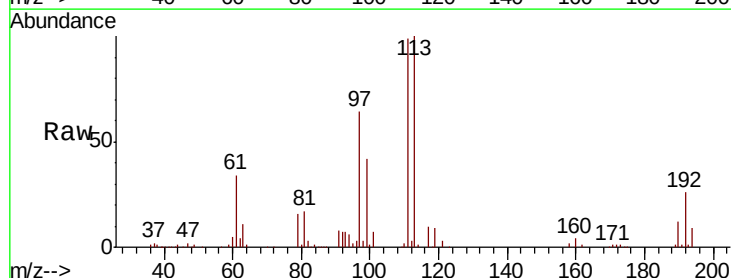
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

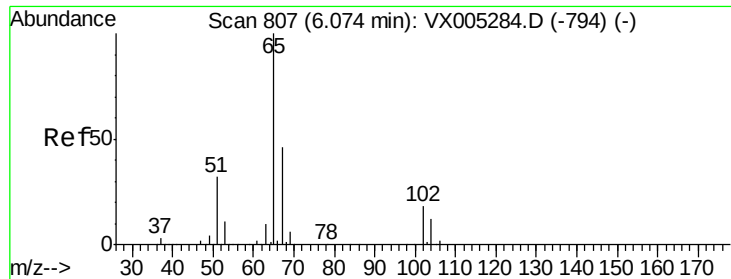
Tot Ion: 56 Resp: 64875
Ion Ratio Lower Upper
56 100
69 26.9 25.4 38.2
84 70.7 71.4 107.2#



#32
1,1,1-Trichloroethane
Concen: 21.798 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

Tgt Ion: 97 Resp: 70281
Ion Ratio Lower Upper
97 100
99 65.1 52.0 78.0
61 44.6 34.9 52.3

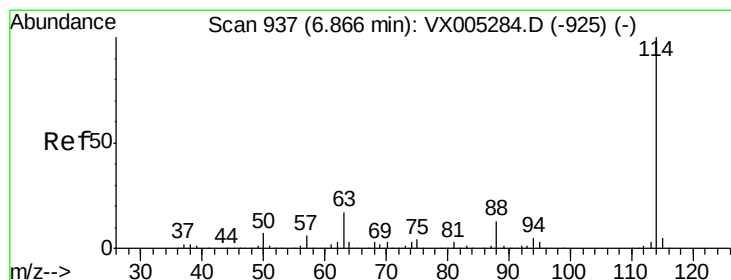
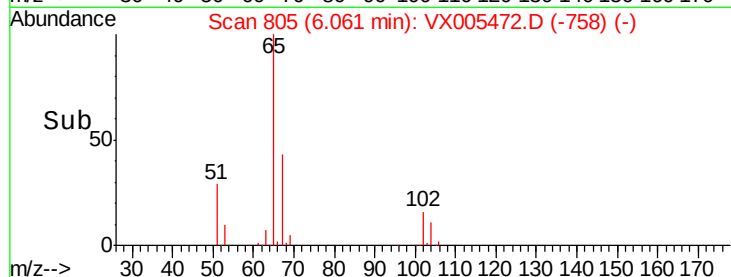
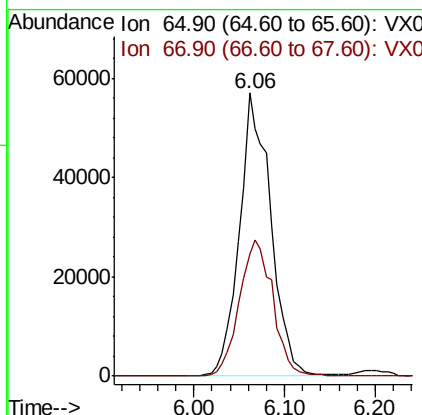
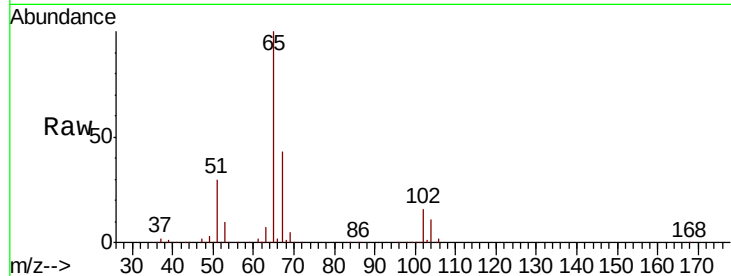




#33
 1,2-Dichloroethane-d4
 Concen: 56.967 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX005472.D
 Acq: 22 Oct 2018 16:06

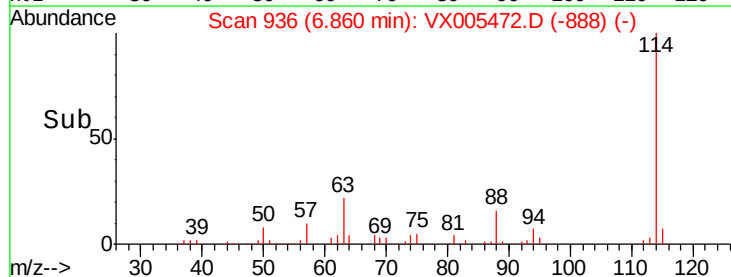
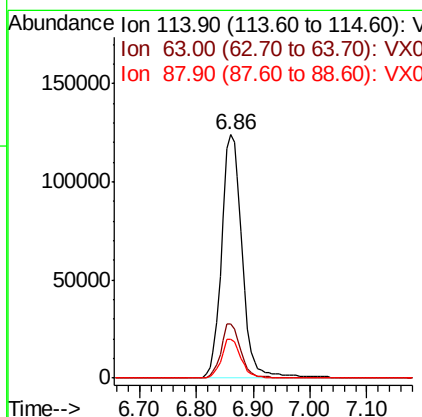
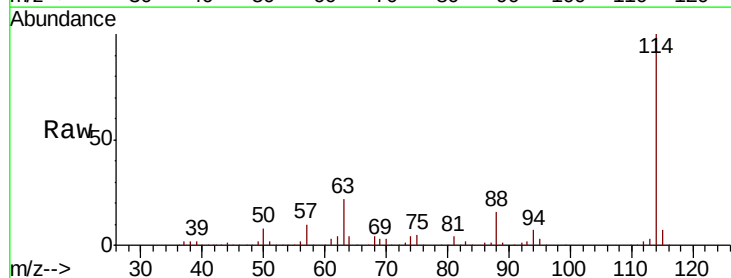
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

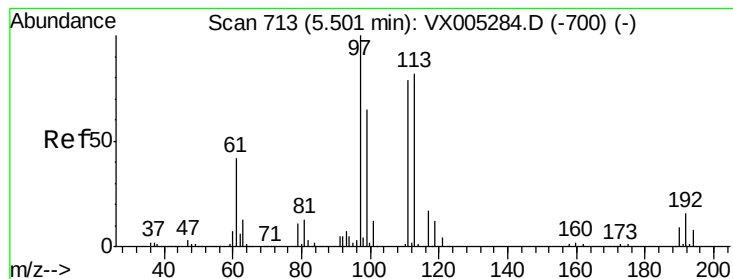
Tot Ion: 65 Resp: 136359
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005472.D
 Acq: 22 Oct 2018 16:06

Tgt Ion: 114 Resp: 309944
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 39.0
 88 15.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.304 ug/l

RT: 5.51 min Scan# 715

Delta R.T. 0.01 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

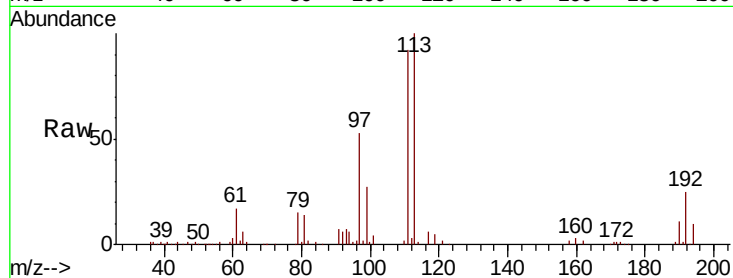
Tot Ion:113 Resp: 107372

Ion Ratio Lower Upper

113 100

111 104.8 82.4 123.6

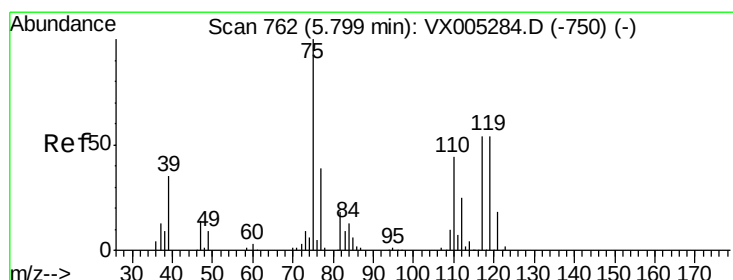
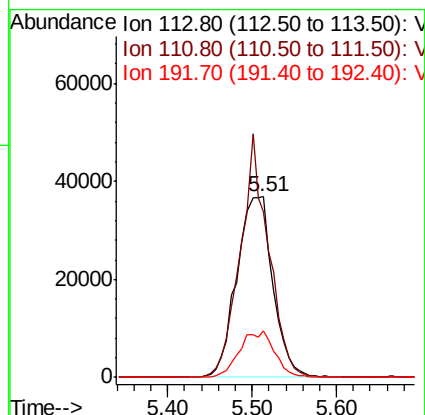
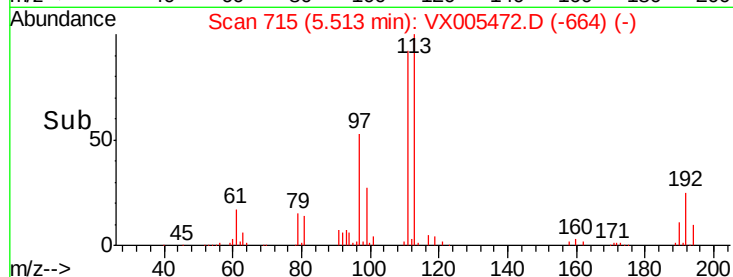
192 24.6 19.4 29.2



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: 19.302 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

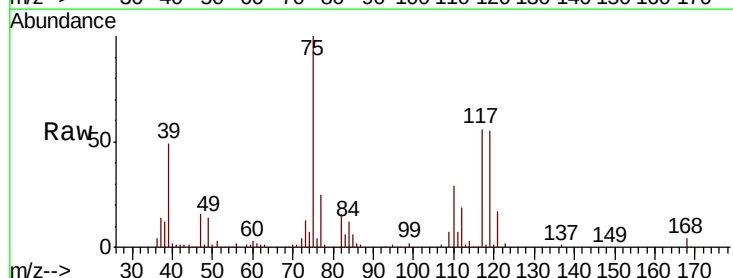
Tgt Ion: 75 Resp: 57939

Ion Ratio Lower Upper

75 100

110 34.1 18.0 54.0

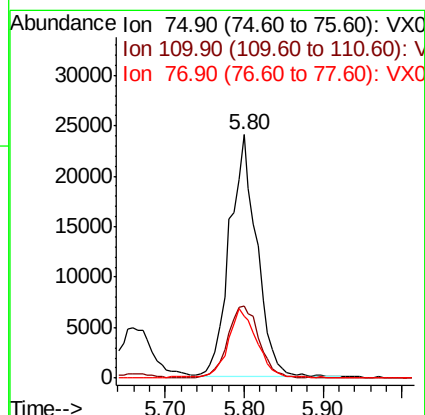
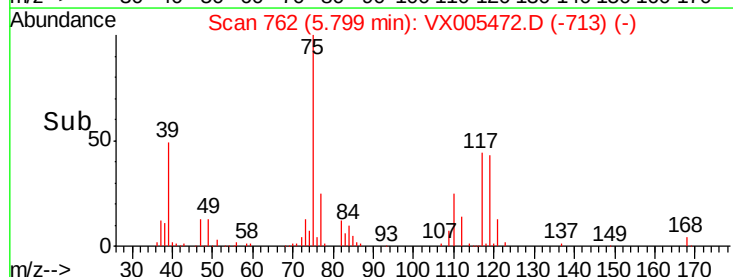
77 28.8 24.6 36.8

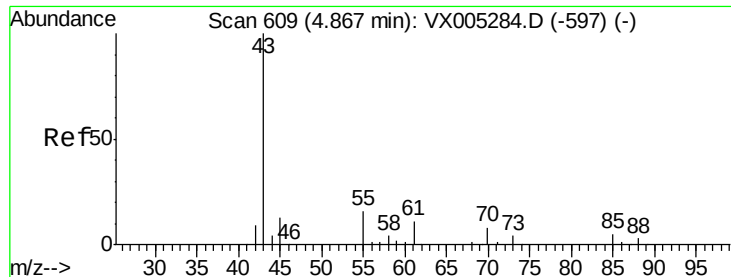


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

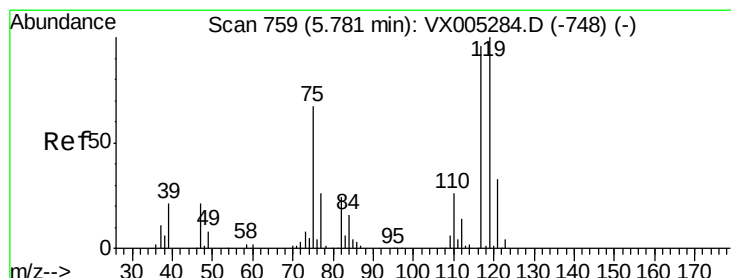
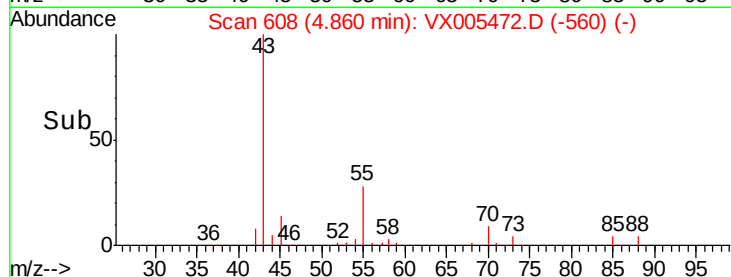
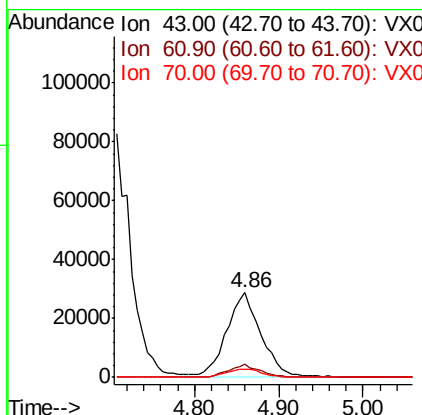
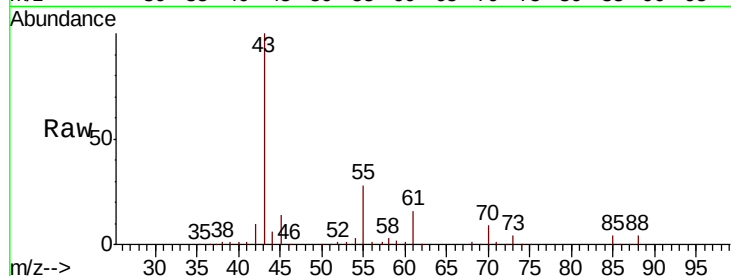




#37
Ethyl Acetate
Concen: 20.476 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

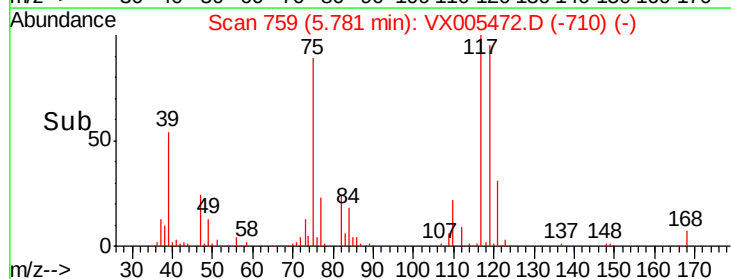
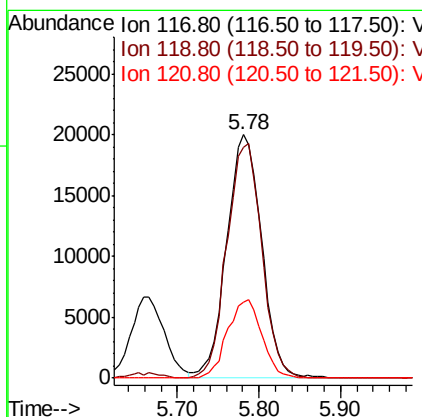
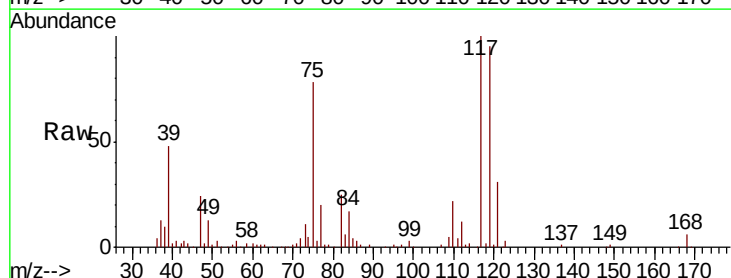
Instrument :
MSVOA_X
ClientSampleID :
VX1022WBSD01

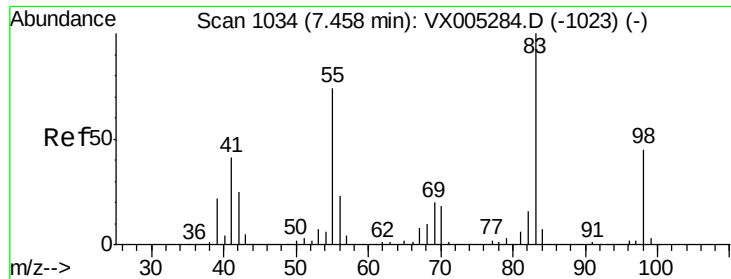
Tot Ion: 43 Resp: 79047
Ion Ratio Lower Upper
43 100
61 14.3 11.5 17.3
70 10.4 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.683 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

Tgt Ion: 117 Resp: 59368
Ion Ratio Lower Upper
117 100
119 94.9 78.8 118.2
121 31.0 24.9 37.3

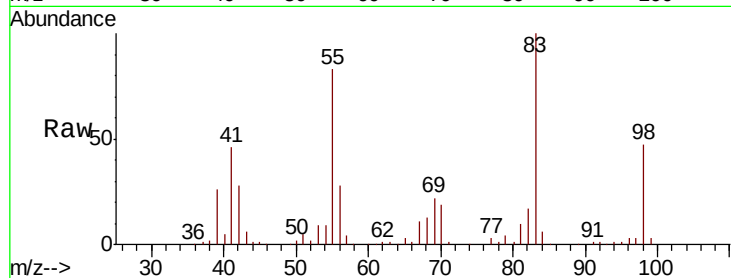




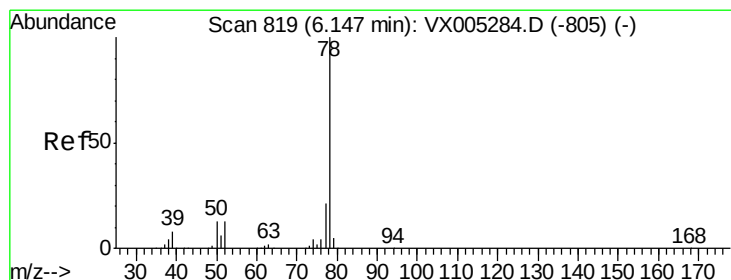
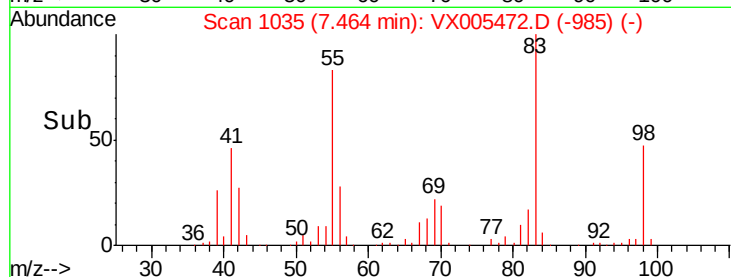
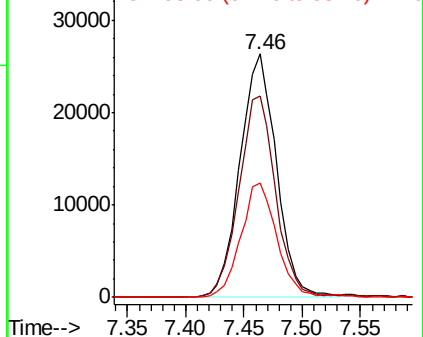
#39
Methylvlcyclohexane
Concen: 17.661 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tot Ion: 83 Resp: 57378
Ion Ratio Lower Upper
83 100
55 82.5 61.0 91.4
98 47.1 39.6 59.4

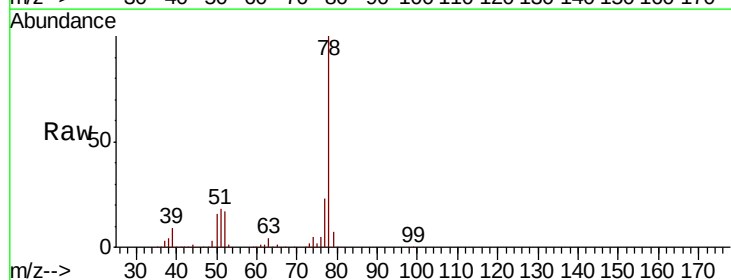


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

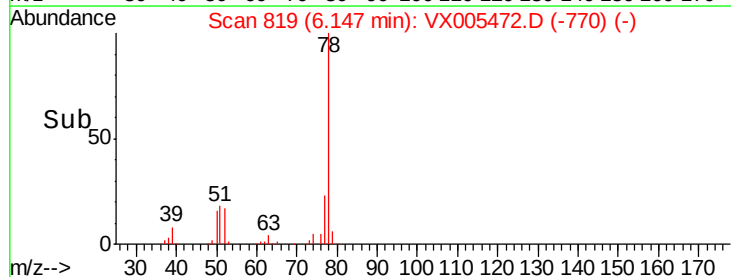
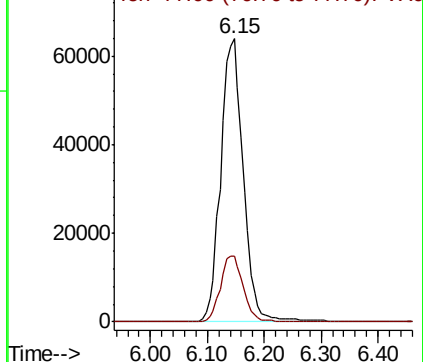


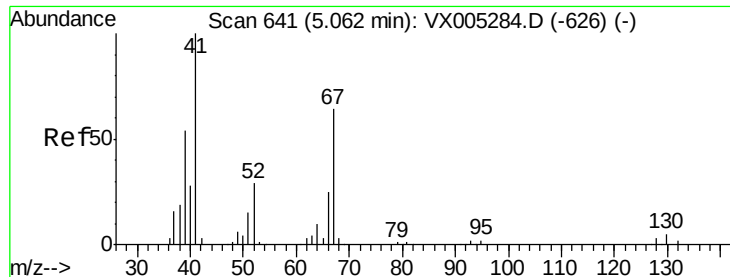
#40
Benzene
Concen: 19.545 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

Tgt Ion: 78 Resp: 176002
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4



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

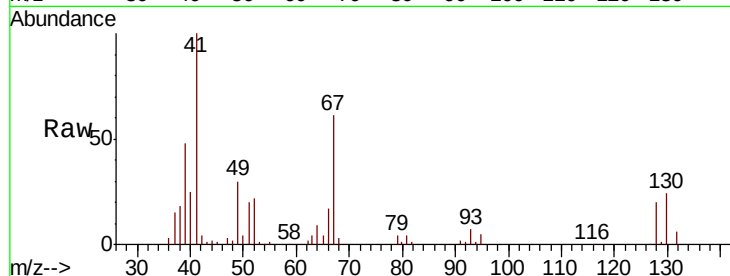




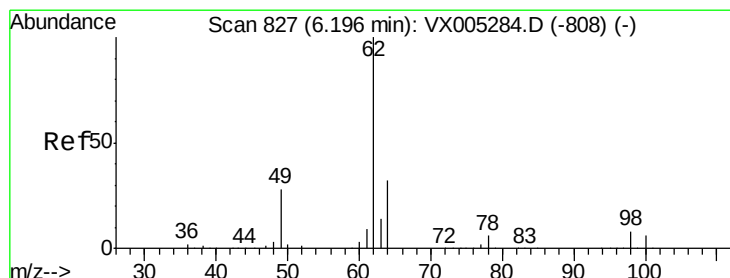
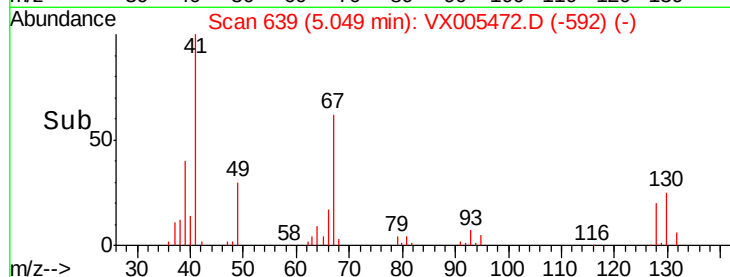
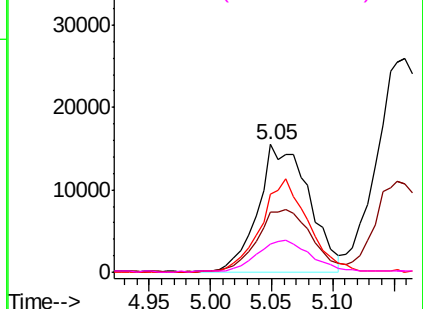
#41
Methacrylonitrile
Concen: 21.604 ug/l
RT: 5.05 min Scan# 639
Delta R.T. -0.01 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tot Ion:	41	Resp:	44712
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.4	63.6
67	68.4	59.2	88.8
52	28.3	23.0	34.4

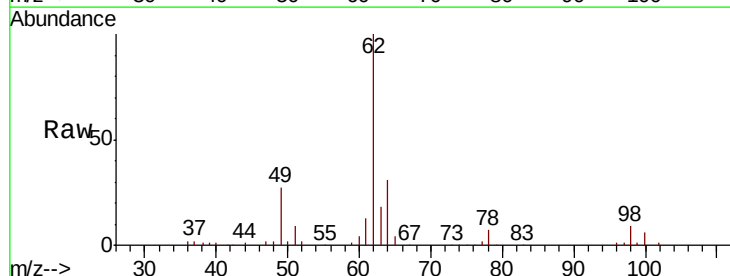


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

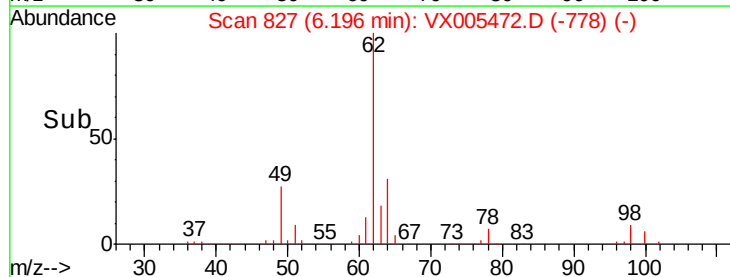
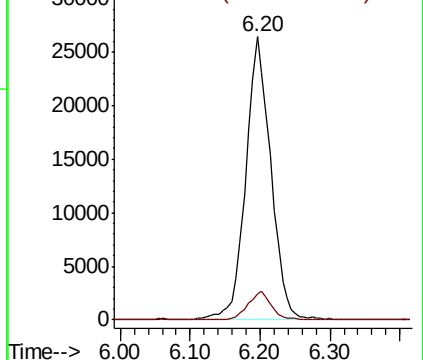


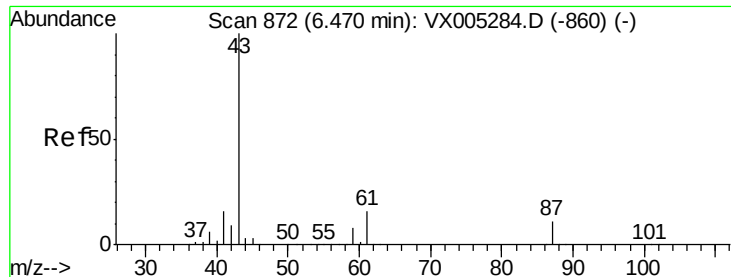
#42
1,2-Dichloroethane
Concen: 20.711 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

Tgt Ion:	62	Resp:	65852
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 22.552 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.01 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

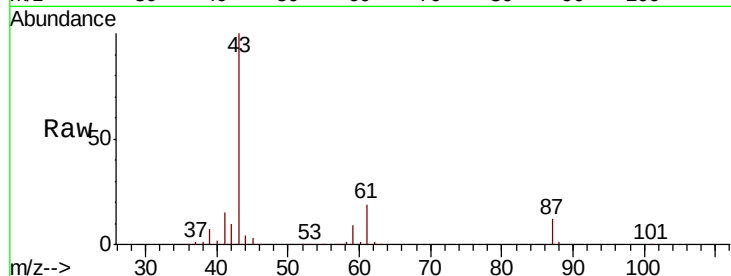
Tot Ion: 43 Resp: 115972

Ion Ratio Lower Upper

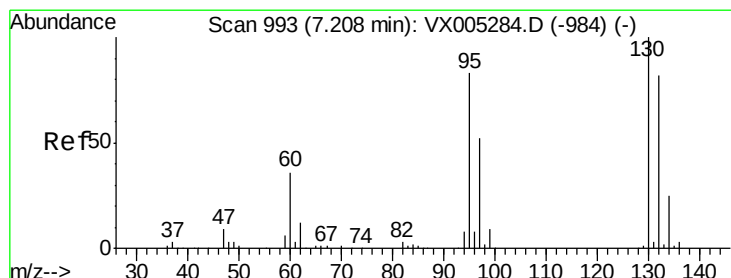
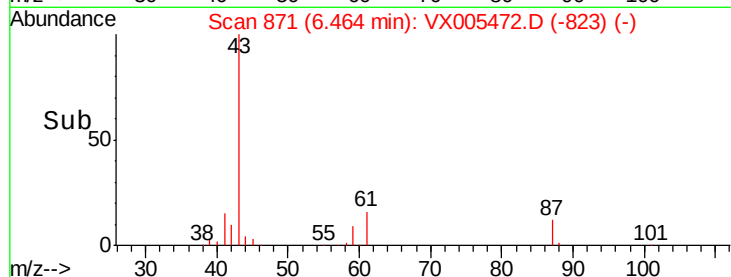
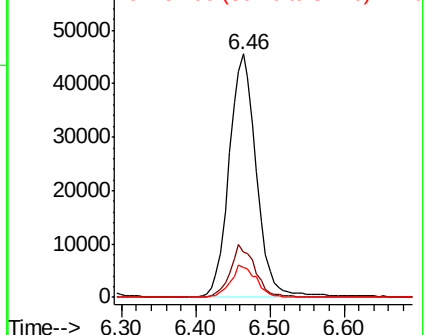
43 100

61 19.9 17.0 25.4

87 12.6 11.4 17.2



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



#44

Trichloroethene

Concen: 19.121 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005472.D

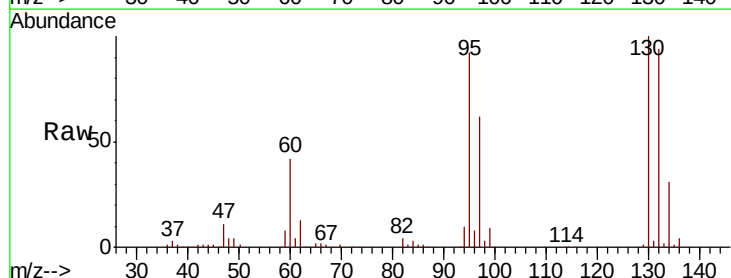
Acq: 22 Oct 2018 16:06

Tgt Ion: 130 Resp: 44847

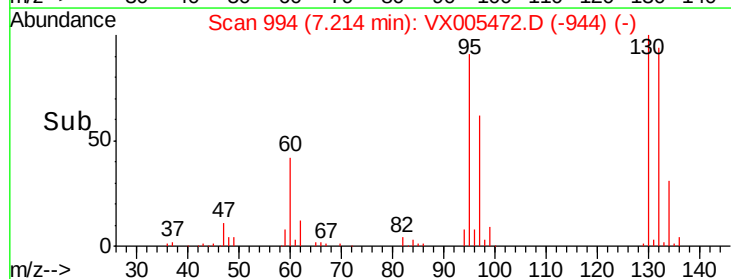
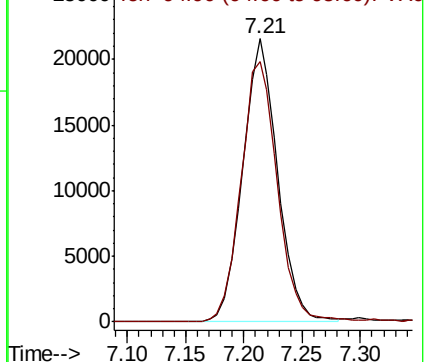
Ion Ratio Lower Upper

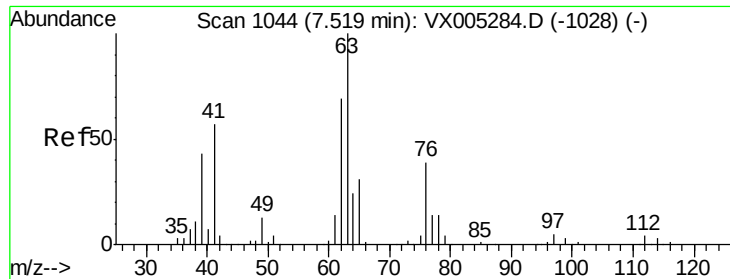
130 100

95 91.9 0.0 181.6



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

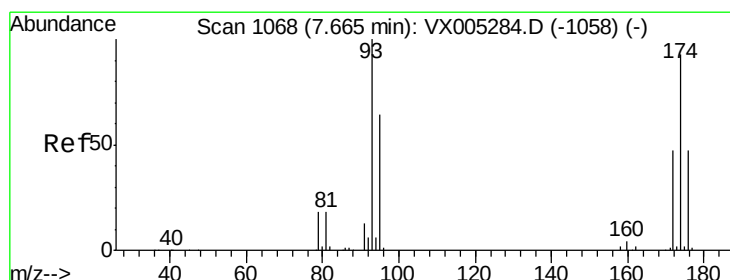
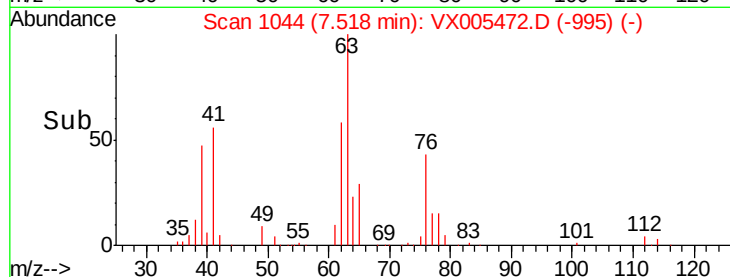
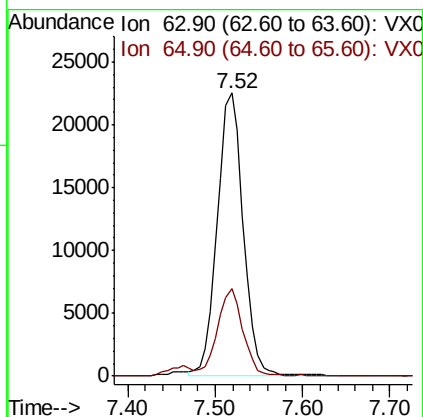
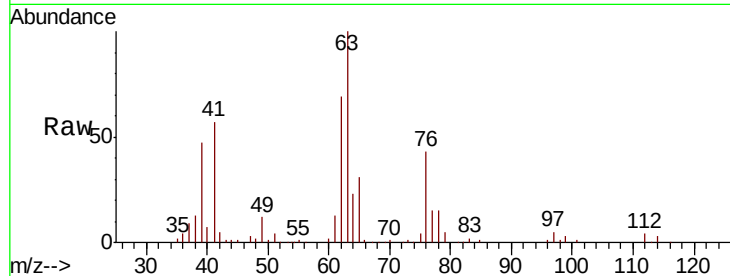




#45
 1,2-Dichloropropane
 Concen: 21.088 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005472.D
 Acq: 22 Oct 2018 16:06

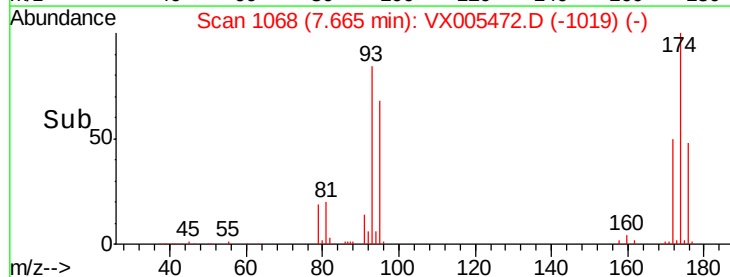
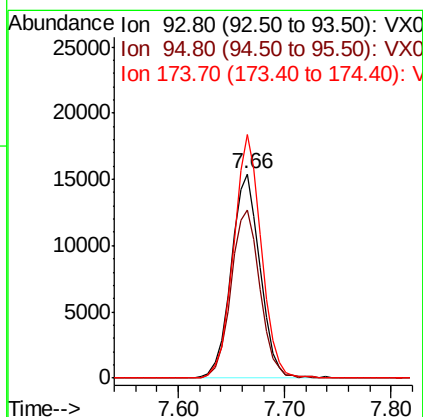
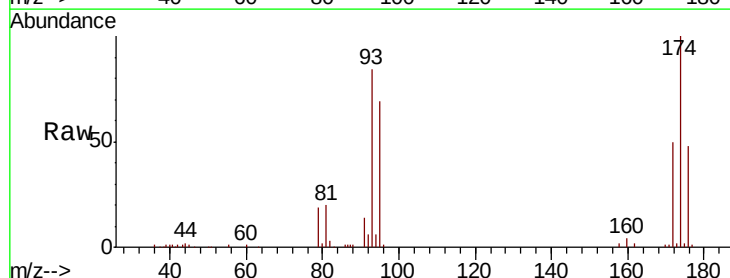
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

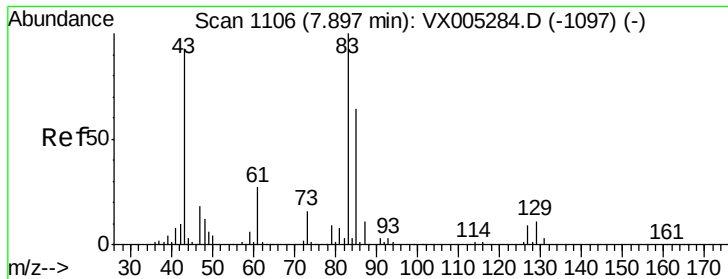
Tot Ion: 63 Resp: 46580
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.3 36.5



#46
 Dibromomethane
 Concen: 20.088 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005472.D
 Acq: 22 Oct 2018 16:06

Tgt Ion: 93 Resp: 29285
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.5 98.3
 174 114.7 94.2 141.4





#47

Bromodichloromethane

Concen: 21.590 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

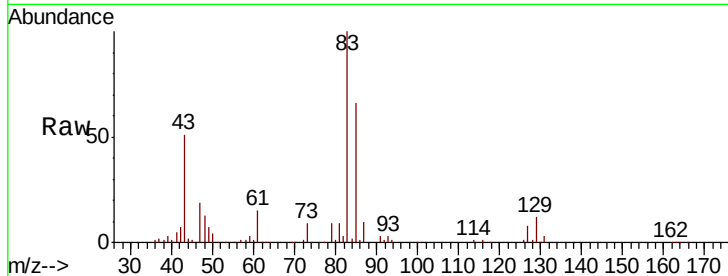
Tot Ion: 83 Resp: 58220

Ion Ratio Lower Upper

83 100

85 65.7 50.9 76.3

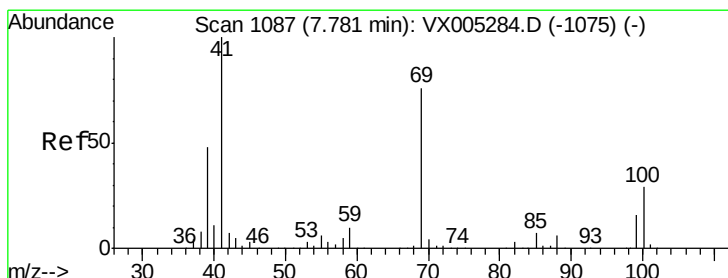
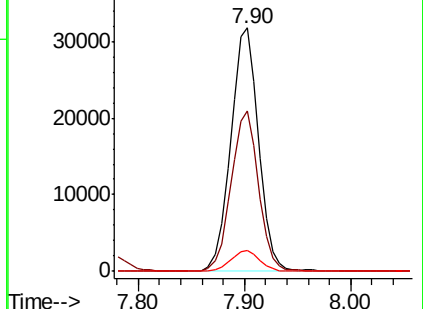
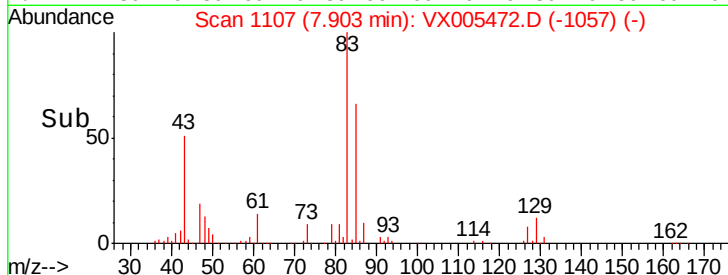
127 8.5 7.3 10.9



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: 21.494 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

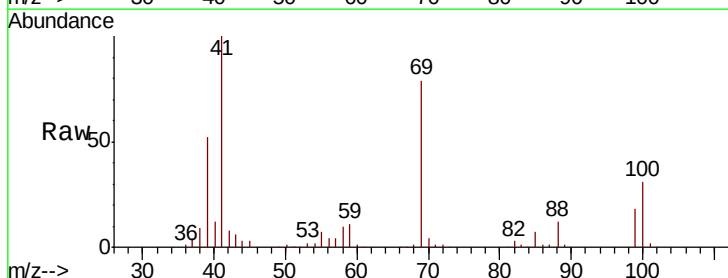
Tgt Ion: 41 Resp: 57326

Ion Ratio Lower Upper

41 100

69 80.6 70.2 105.4

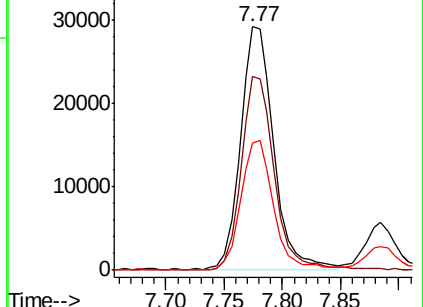
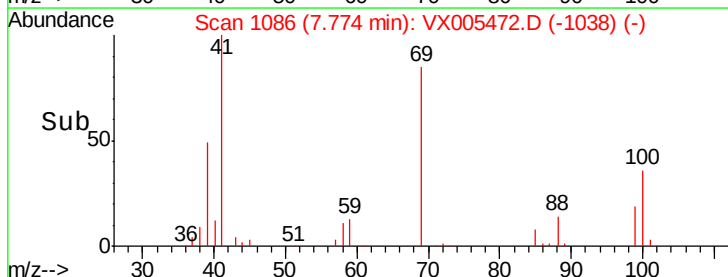
39 52.6 42.7 64.1

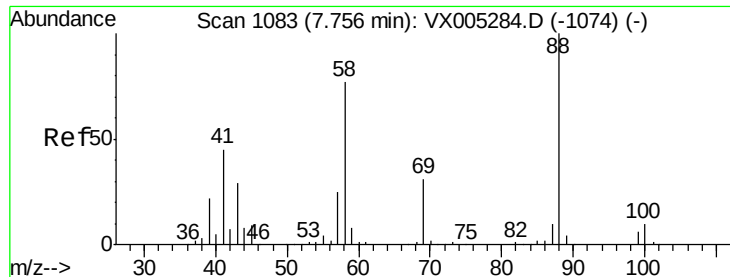


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

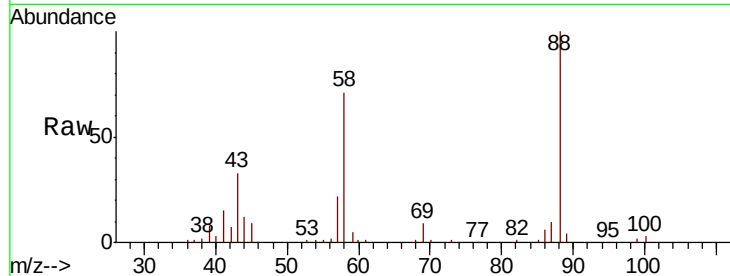




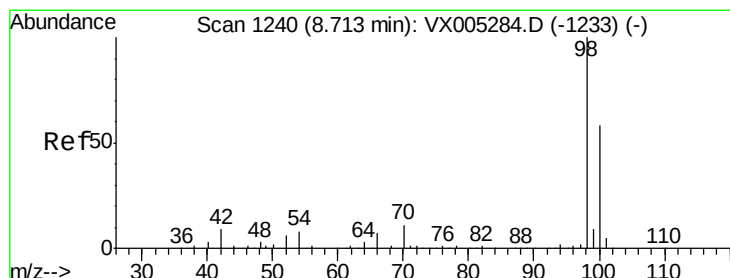
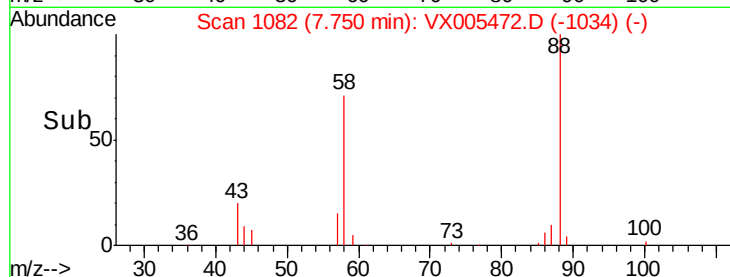
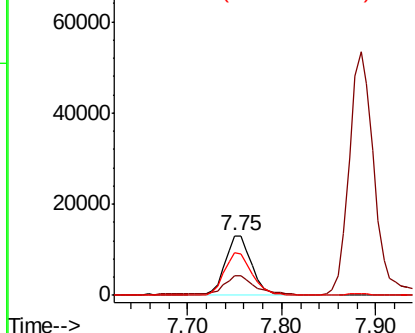
#49
1,4-Dioxane
Concen: 416.184 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

Instrument :
MSVOA_X
ClientSampled :
VX1022WBSD01

Tot Ion: 88 Resp: 25602
Ion Ratio Lower Upper
88 100
43 35.5 24.7 37.1
58 74.2 55.3 82.9

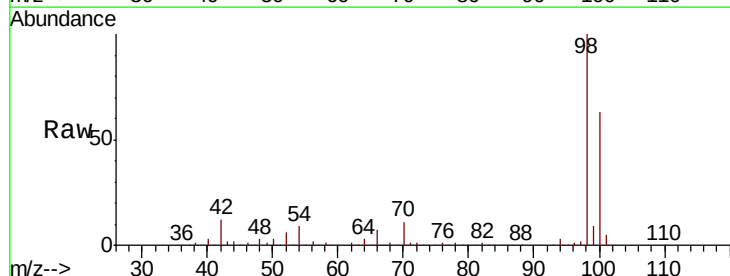


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

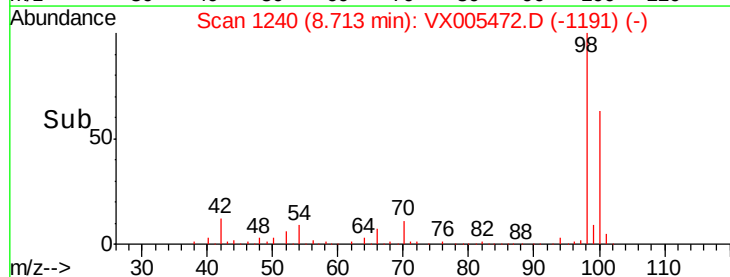
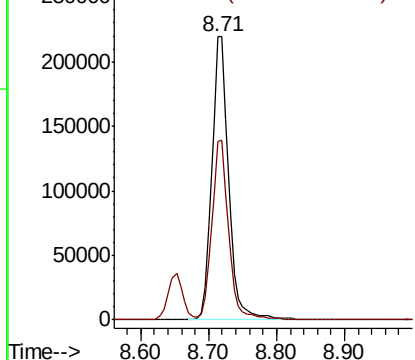


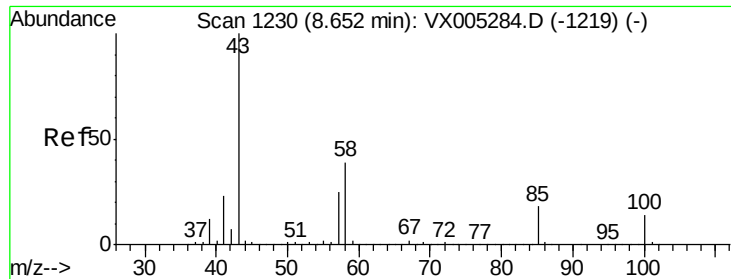
#50
Toluene-d8
Concen: 53.317 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

Tgt Ion: 98 Resp: 375755
Ion Ratio Lower Upper
98 100
100 64.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 113.715 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

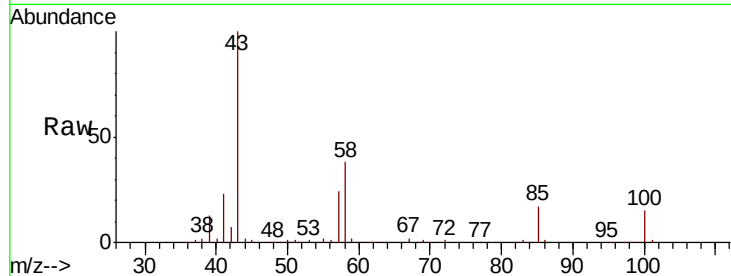
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

Tot Ion: 43 Resp: 404899

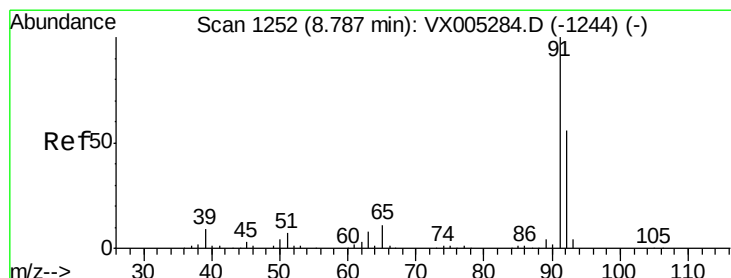
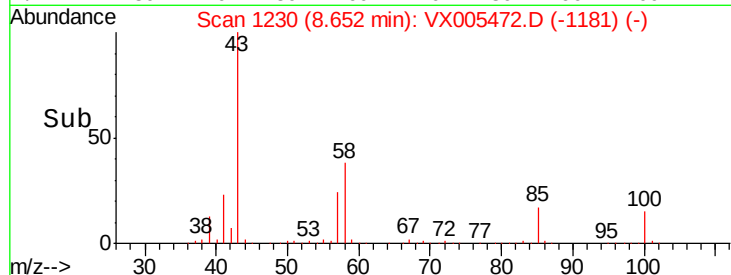
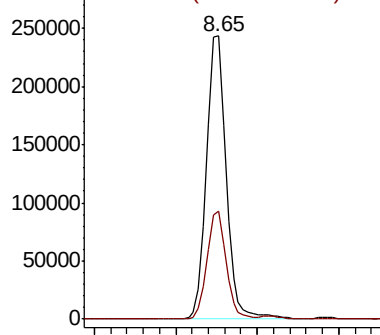
Ion Ratio Lower Upper

43 100

58 36.8 33.1 49.7



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



#52

Toluene

Concen: 21.289 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005472.D

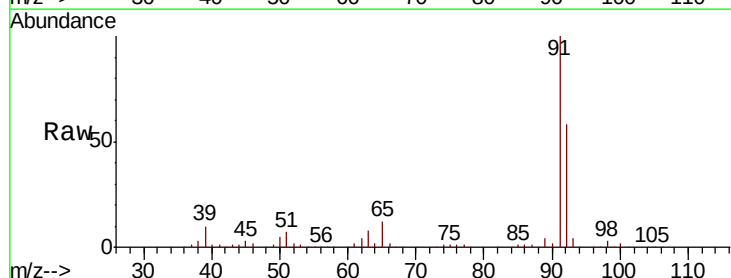
Acq: 22 Oct 2018 16:06

Tgt Ion: 92 Resp: 104880

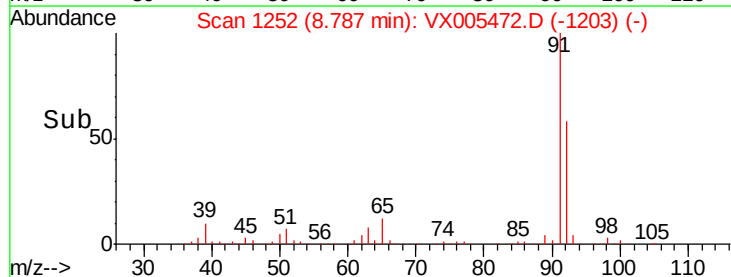
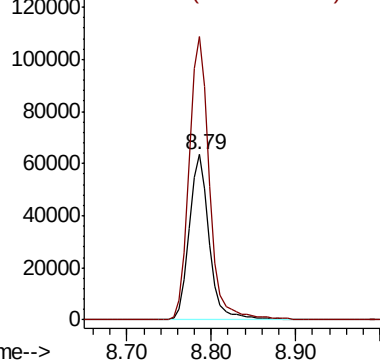
Ion Ratio Lower Upper

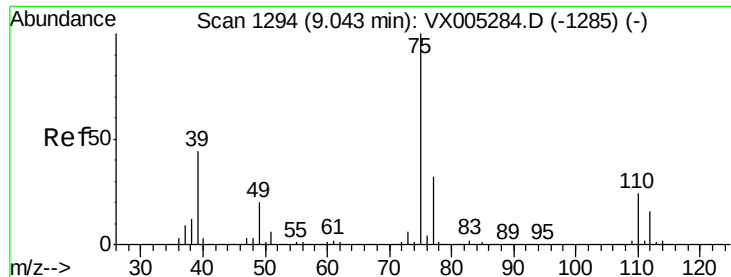
92 100

91 174.0 136.4 204.6



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

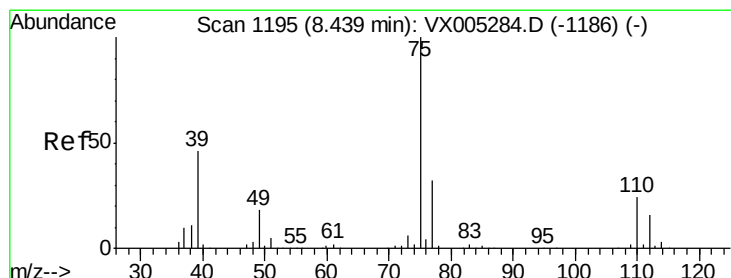
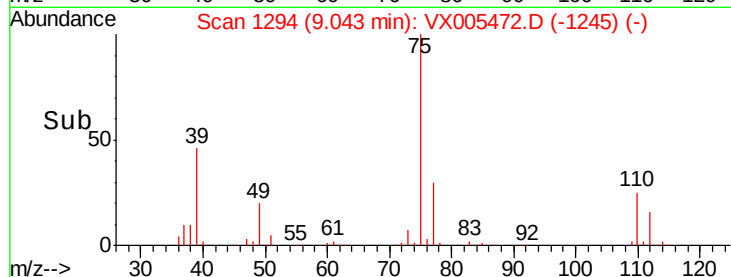
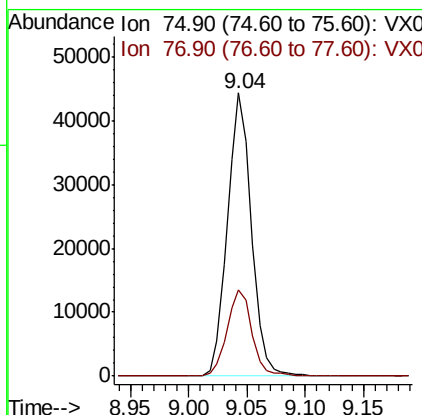
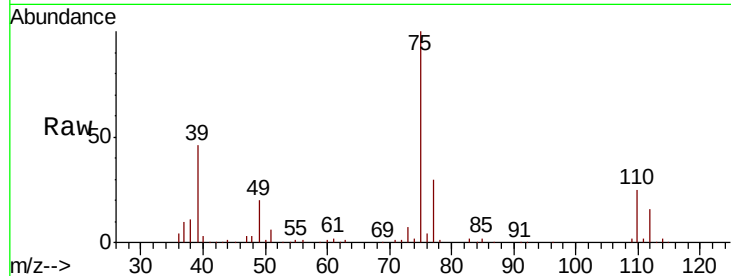




#53
t-1,3-Dichloropropene
Concen: 21.789 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

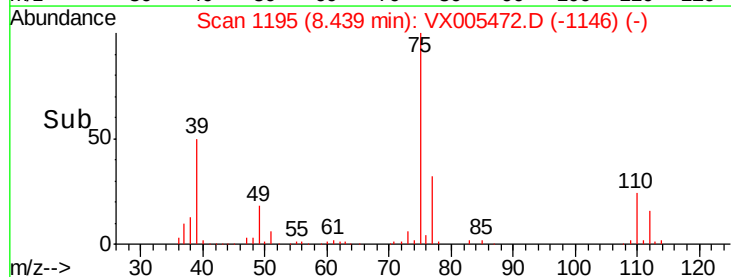
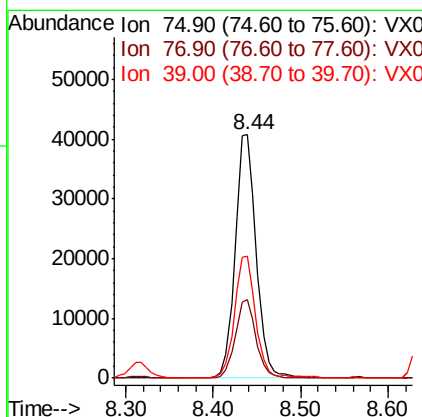
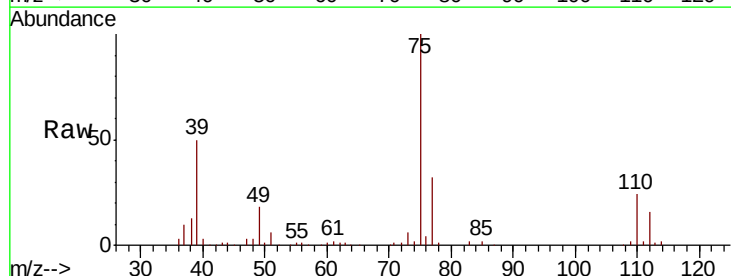
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

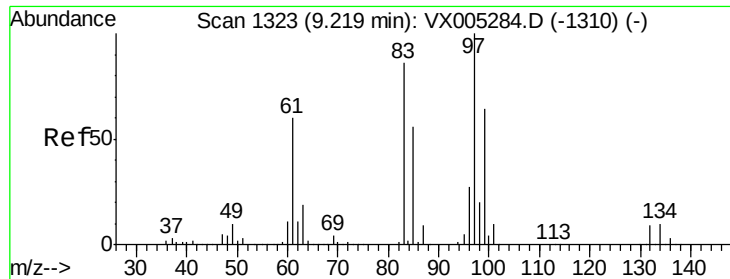
Tot Ion: 75 Resp: 63587
Ion Ratio Lower Upper
75 100
77 30.4 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 21.743 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

Tgt Ion: 75 Resp: 68754
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
39 49.7 36.4 54.6

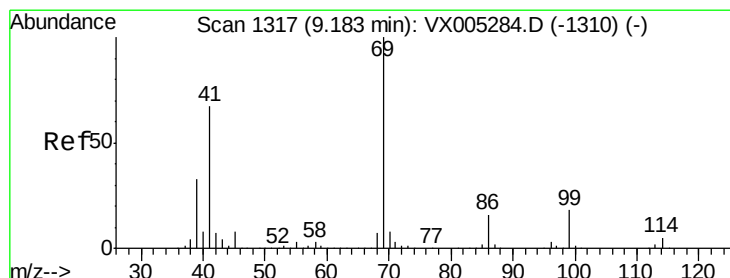
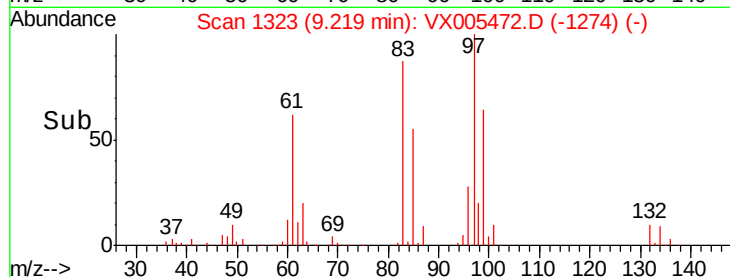
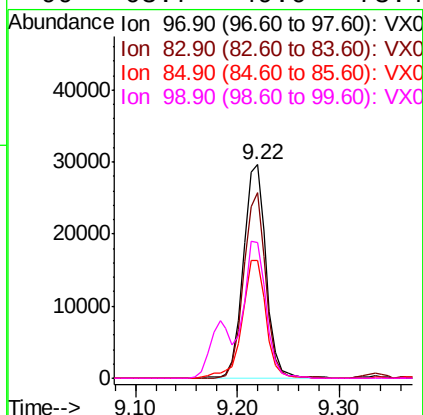
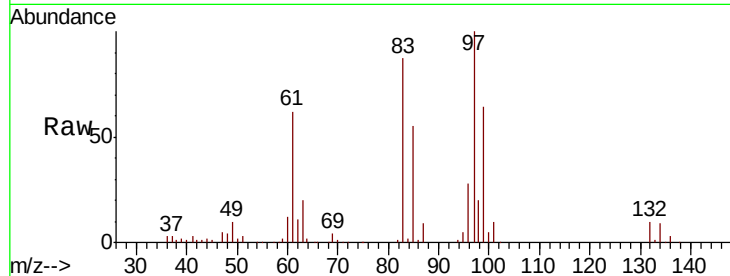




#55
 1,1,2-Trichloroethane
 Concen: 21.826 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005472.D
 Acq: 22 Oct 2018 16:06

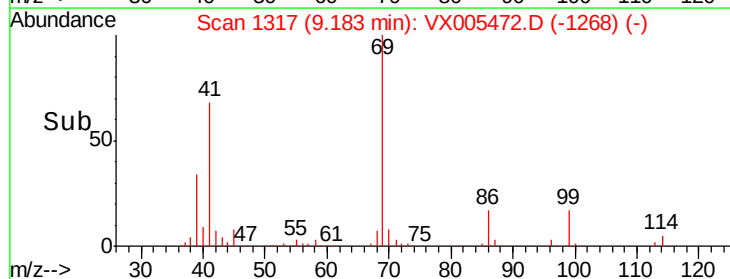
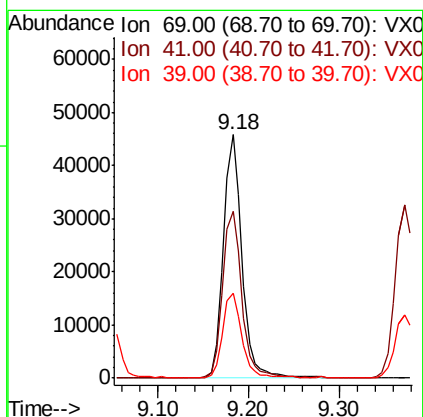
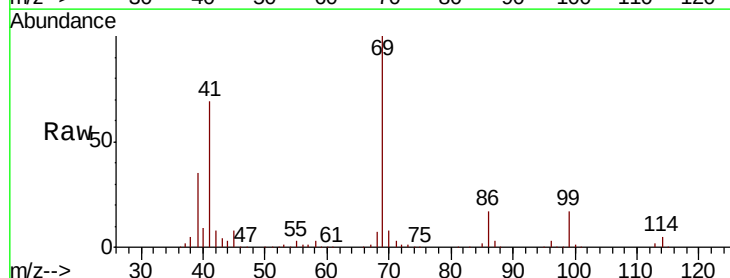
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

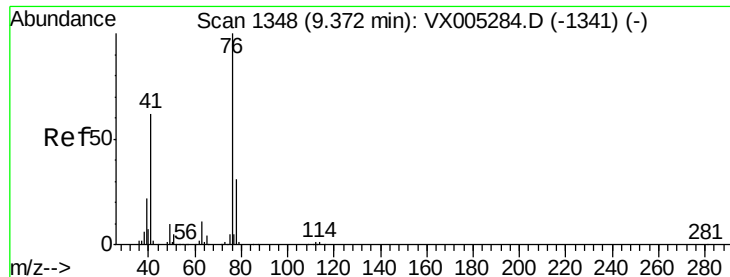
Tot Ion:	97	Resp:	45543
Ion	Ratio	Lower	Upper
97	100		
83	86.9	66.4	99.6
85	55.0	43.3	64.9
99	63.7	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 21.538 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005472.D
 Acq: 22 Oct 2018 16:06

Tgt Ion:	69	Resp:	65516
Ion	Ratio	Lower	Upper
69	100		
41	70.7	51.0	76.4
39	35.1	26.1	39.1





#57

1,3-Dichloropropane

Concen: 21.696 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

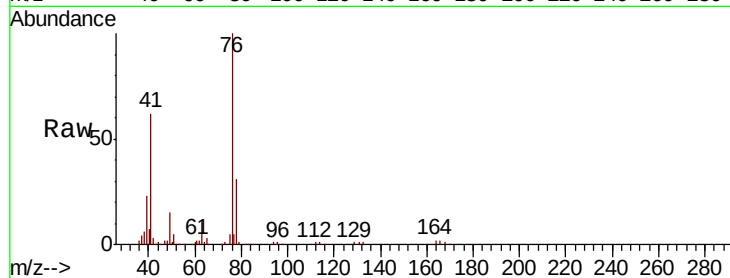
VX1022WBSD01

Tot Ion: 76 Resp: 75561

Ion Ratio Lower Upper

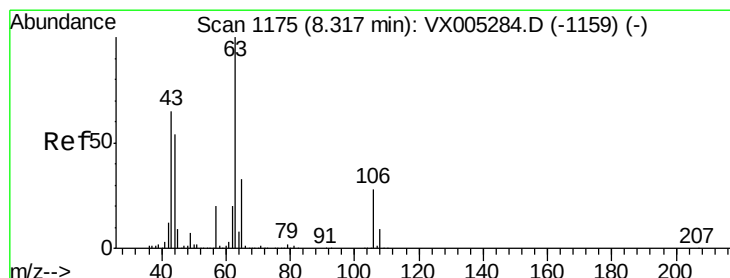
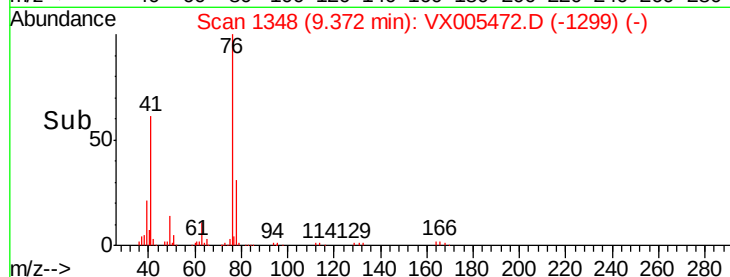
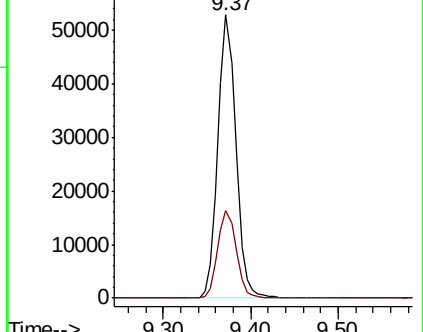
76 100

78 31.8 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 113.105 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005472.D

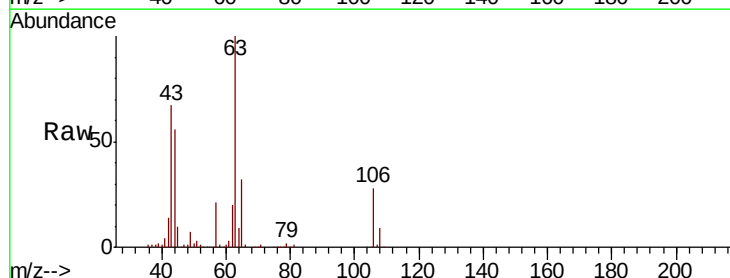
Acq: 22 Oct 2018 16:06

Tgt Ion: 63 Resp: 192950

Ion Ratio Lower Upper

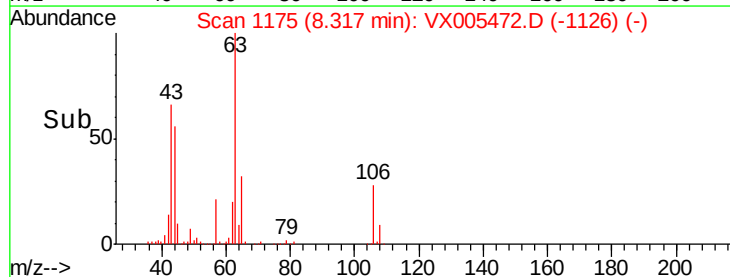
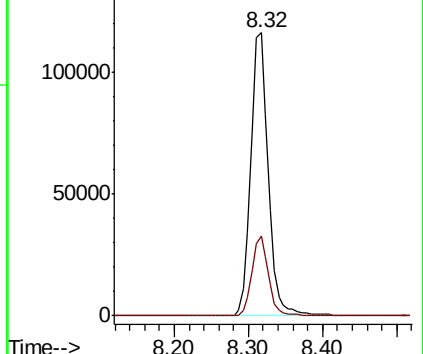
63 100

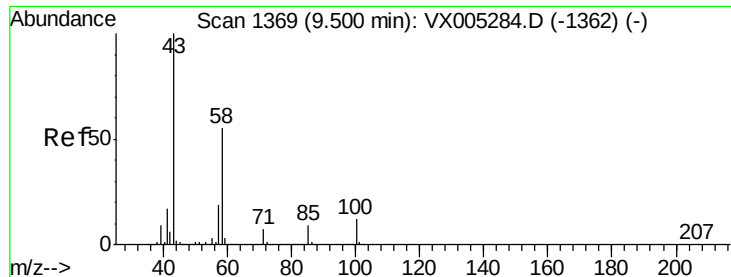
106 26.9 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

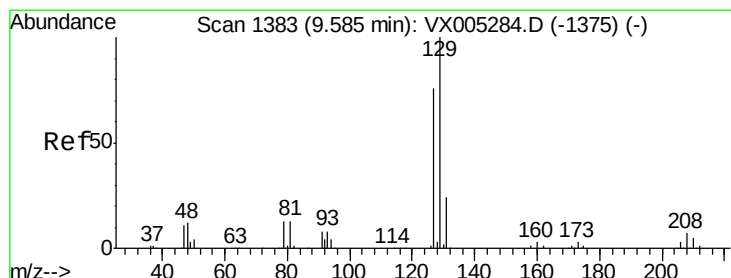
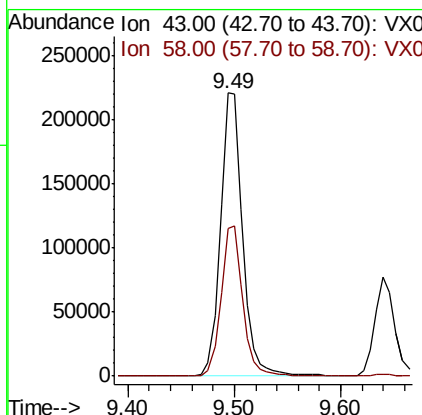
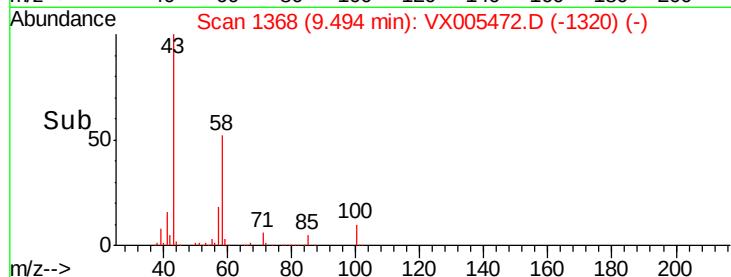
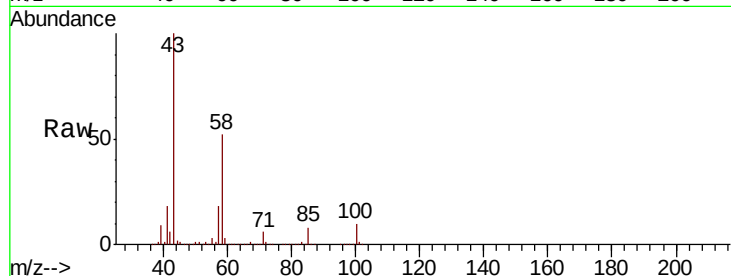




#59
2-Hexanone
Concen: 111.499 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

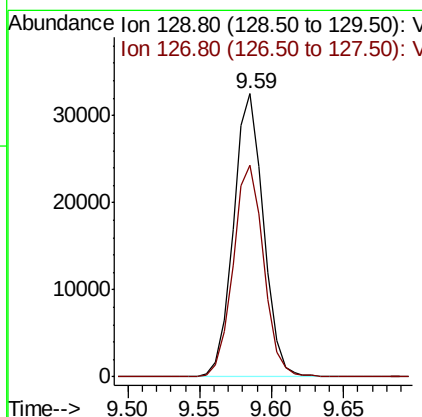
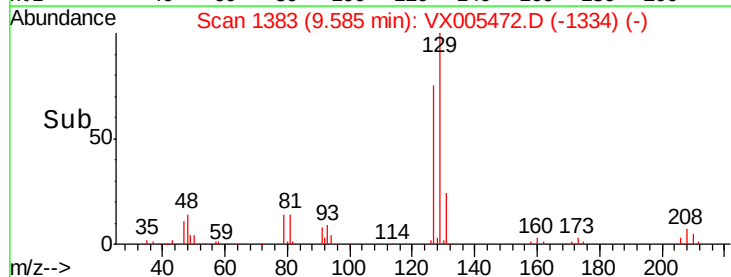
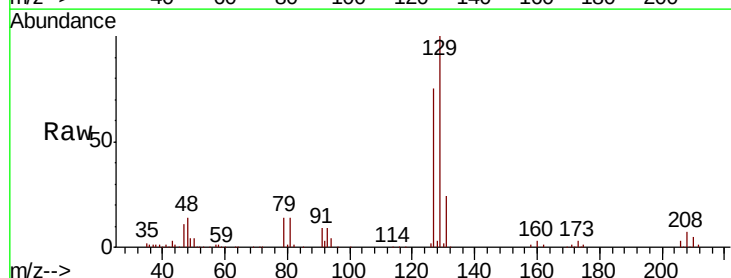
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

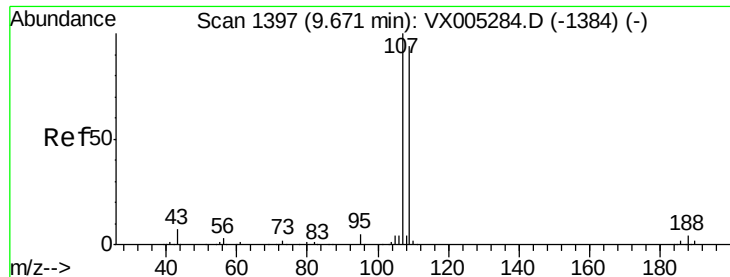
Tot Ion: 43 Resp: 319357
Ion Ratio Lower Upper
43 100
58 52.1 29.0 87.0



#60
Dibromochloromethane
Concen: 21.923 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

Tgt Ion:129 Resp: 47284
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 21.183 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

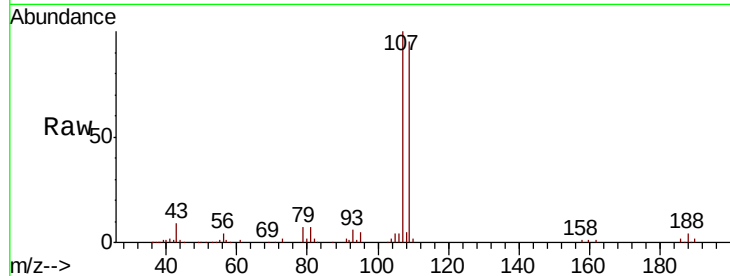
VX1022WBSD01

Tot Ion:107 Resp: 46388

Ion Ratio Lower Upper

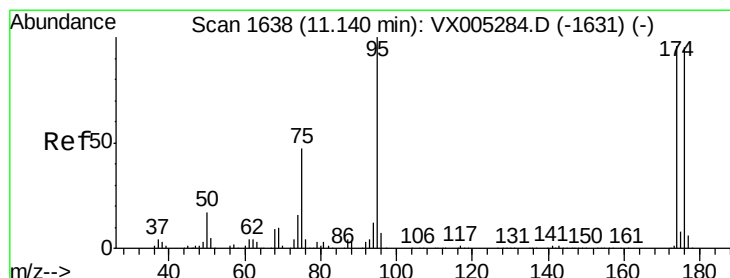
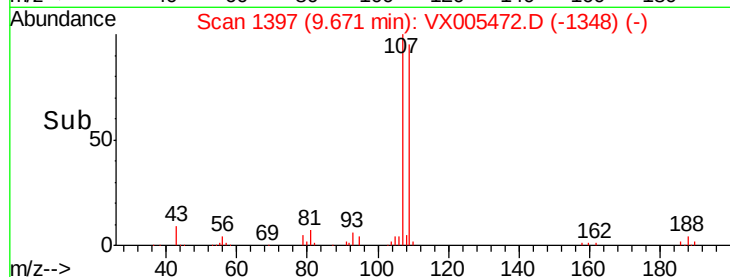
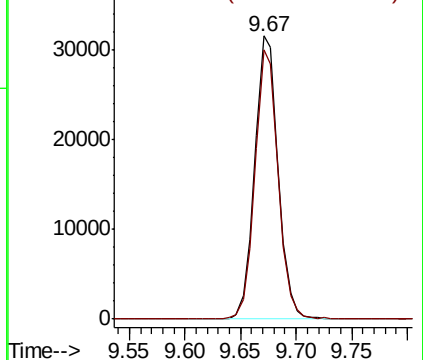
107 100

109 94.6 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.662 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

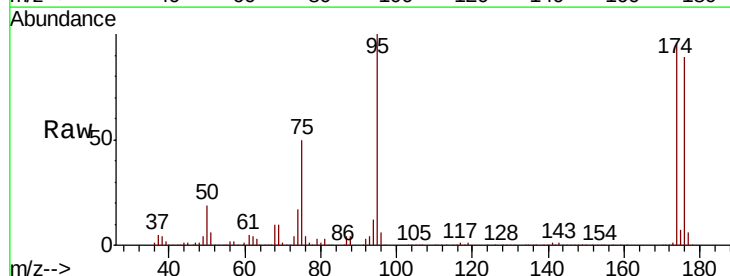
Tgt Ion: 95 Resp: 139424

Ion Ratio Lower Upper

95 100

174 92.3 0.0 185.2

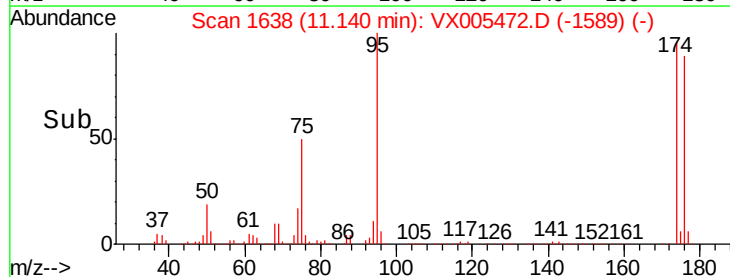
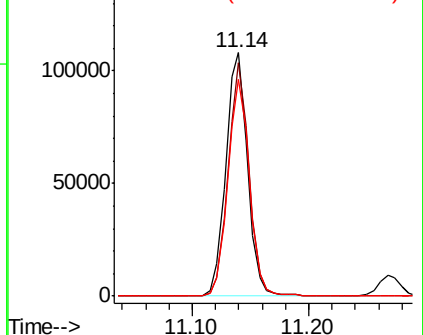
176 88.8 0.0 178.6

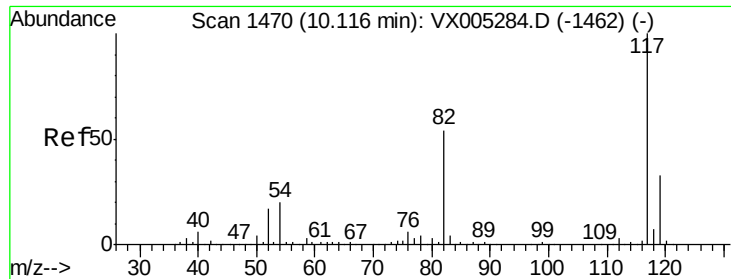


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

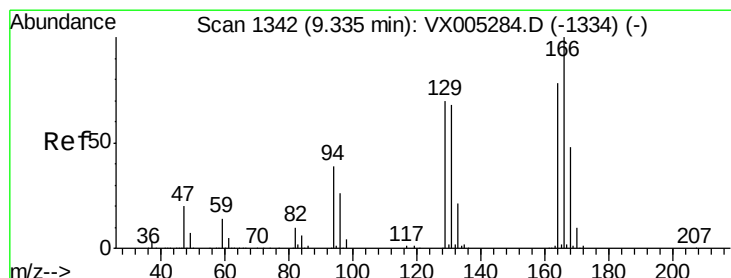
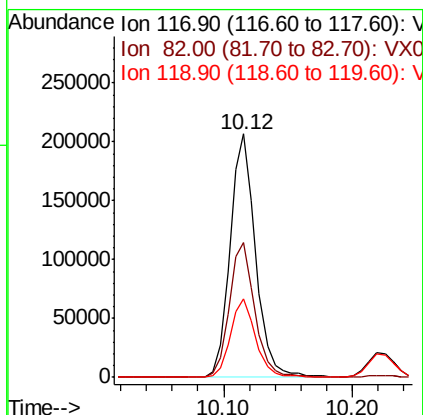
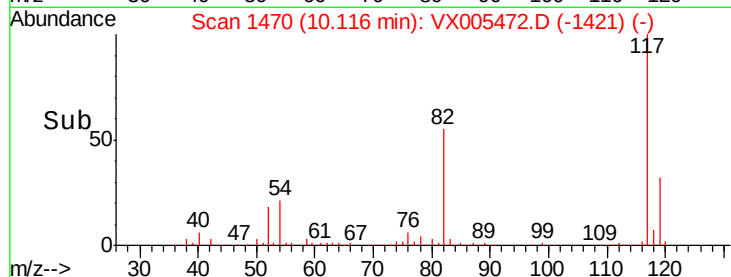
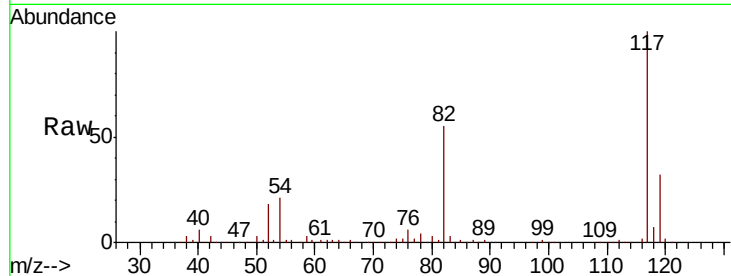




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

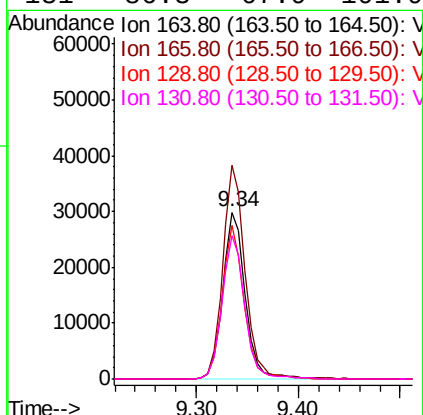
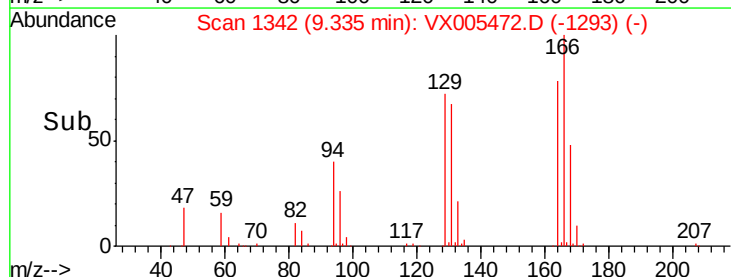
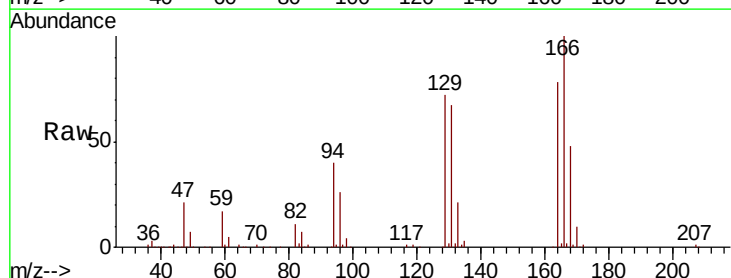
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

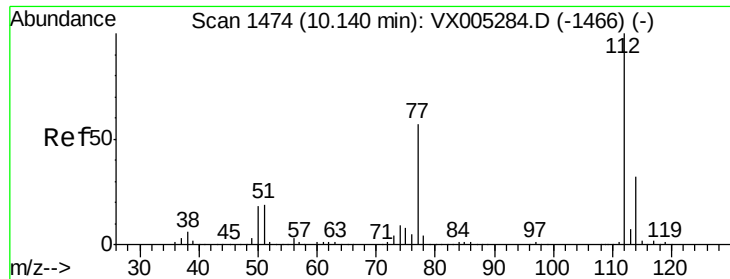
Tot Ion:117 Resp: 285706
Ion Ratio Lower Upper
117 100
82 55.3 47.8 71.6
119 32.2 29.3 43.9



#64
Tetrachloroethene
Concen: 19.837 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

Tgt Ion:164 Resp: 45626
Ion Ratio Lower Upper
164 100
166 128.1 102.8 154.2
129 92.0 69.4 104.0
131 86.3 67.9 101.9

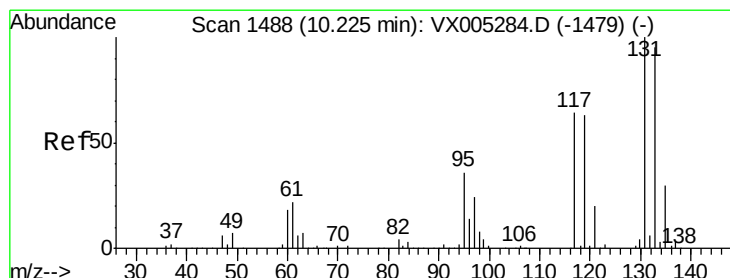
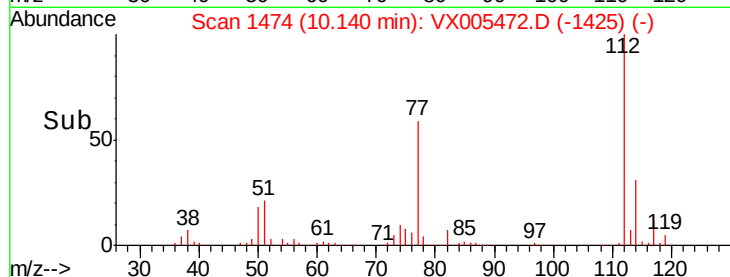
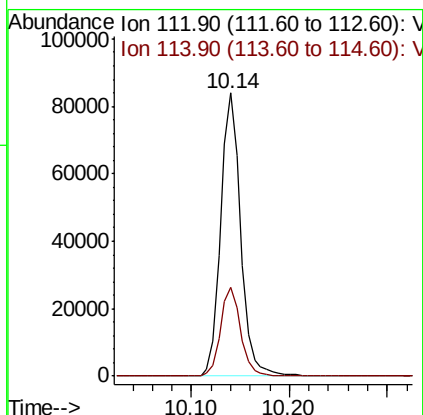
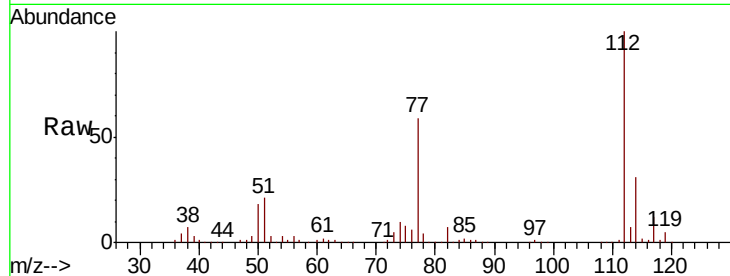




#65
Chlorobenzene
Concen: 19.689 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

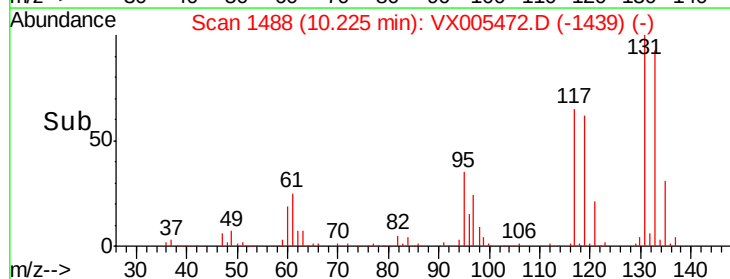
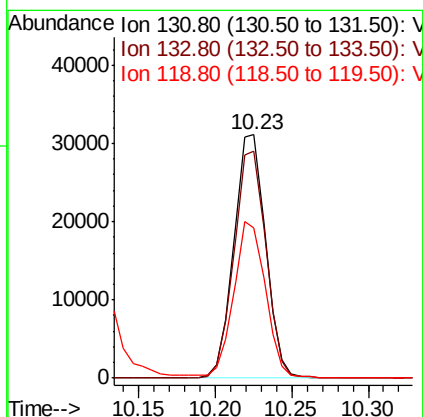
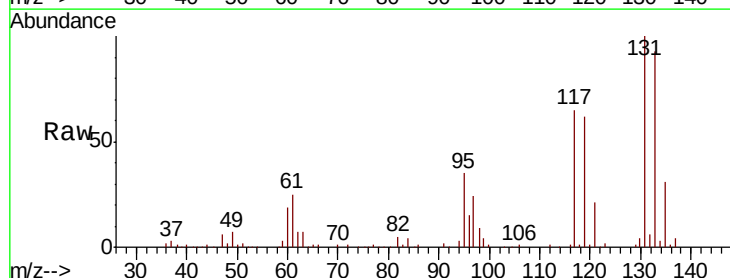
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

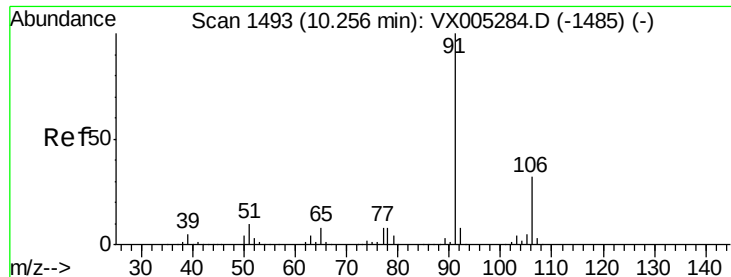
Tot Ion:112 Resp: 119656
Ion Ratio Lower Upper
112 100
114 31.4 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.696 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

Tgt Ion:131 Resp: 44822
Ion Ratio Lower Upper
131 100
133 94.1 48.1 144.4
119 64.5 32.9 98.6

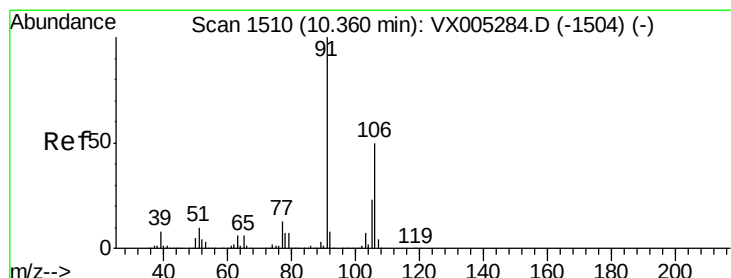
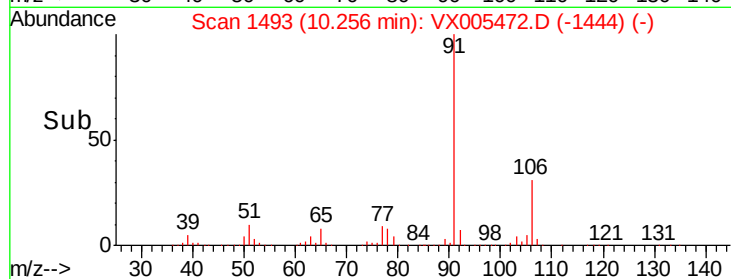
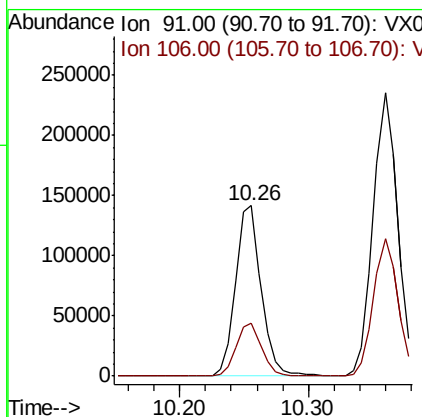
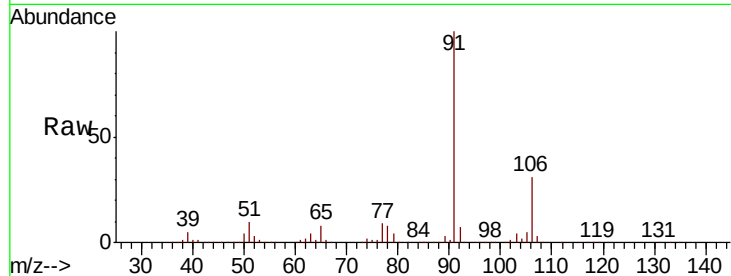




#67
Ethyl Benzene
Concen: 19.884 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

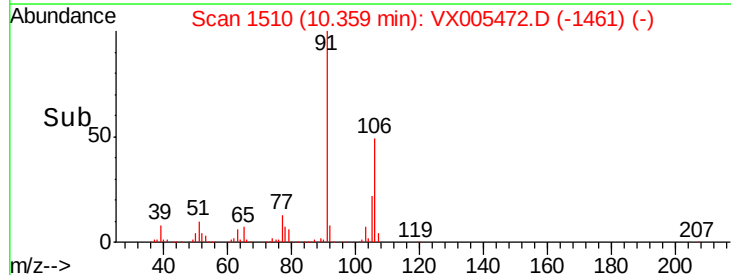
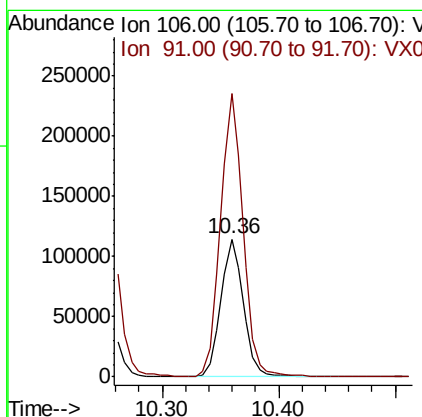
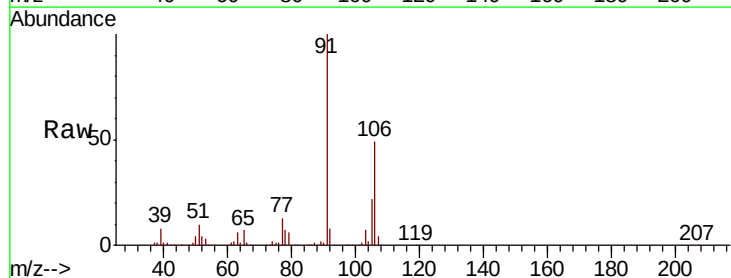
Instrument :
MSVOA_X
ClientSampleID :
VX1022WBSD01

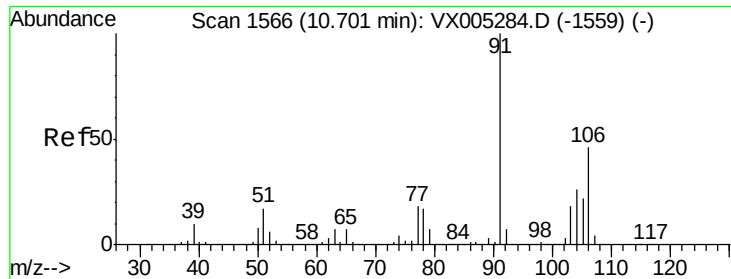
Tot Ion: 91 Resp: 196449
Ion Ratio Lower Upper
91 100
106 31.1 25.9 38.9



#68
m/p-Xylenes
Concen: 39.843 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

Tgt Ion: 106 Resp: 152786
Ion Ratio Lower Upper
106 100
91 207.1 157.1 235.7

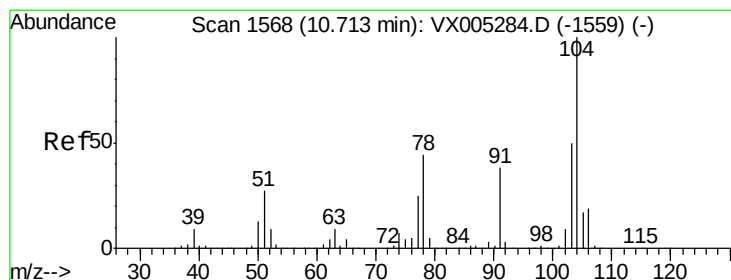
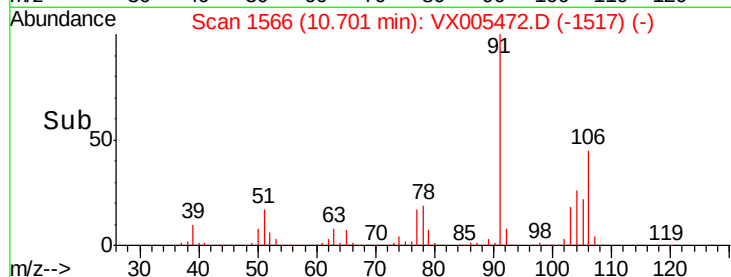
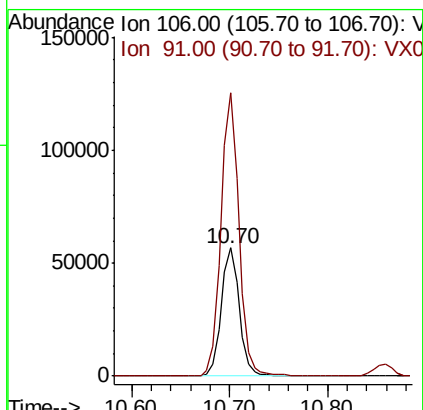
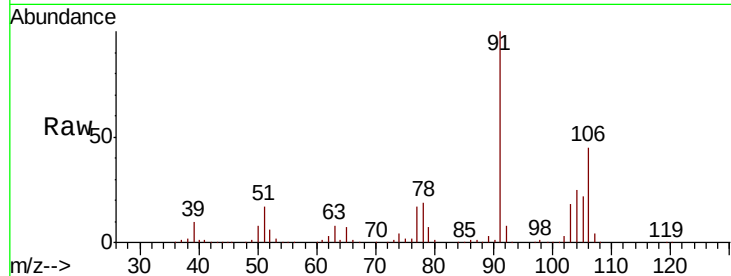




#69
o-Xylene
Concen: 19.685 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

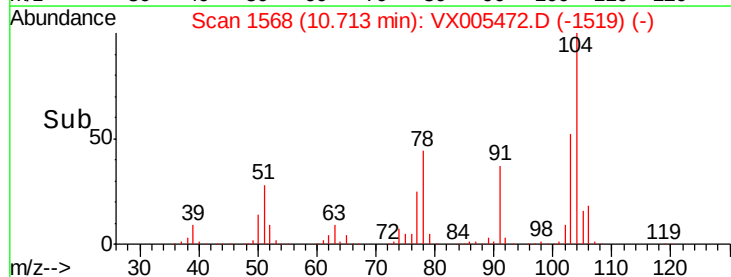
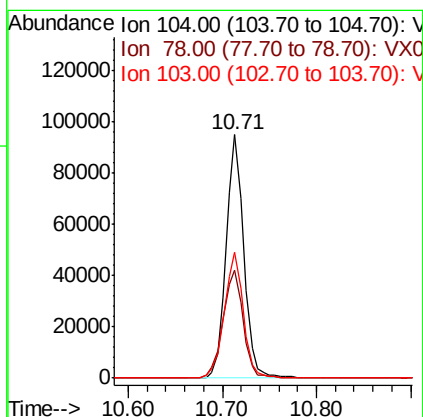
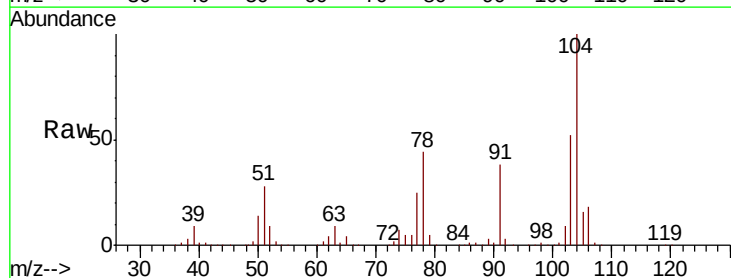
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBSD01

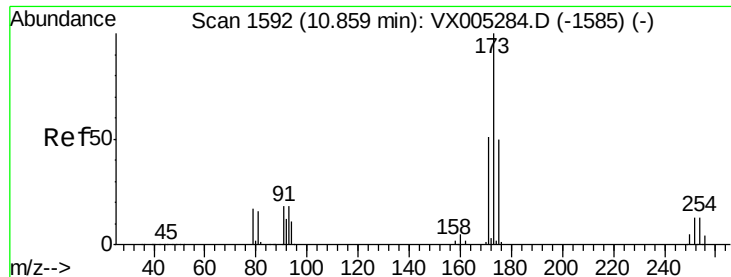
Tot Ion:106 Resp: 72801
Ion Ratio Lower Upper
106 100
91 220.3 105.1 315.1



#70
Styrene
Concen: 20.348 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005472.D
Acq: 22 Oct 2018 16:06

Tgt Ion:104 Resp: 123776
Ion Ratio Lower Upper
104 100
78 50.7 37.4 56.0
103 55.8 43.8 65.6





#71

Bromoform

Concen: 19.617 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

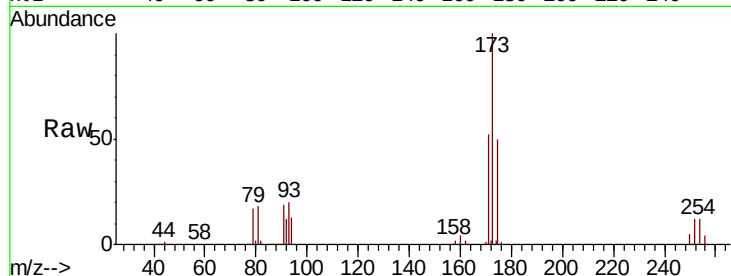
Tot Ion:173 Resp: 37965

Ion Ratio Lower Upper

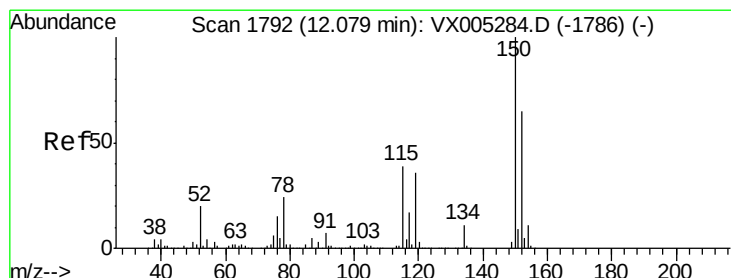
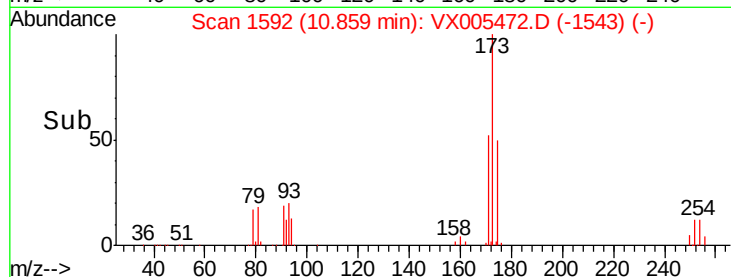
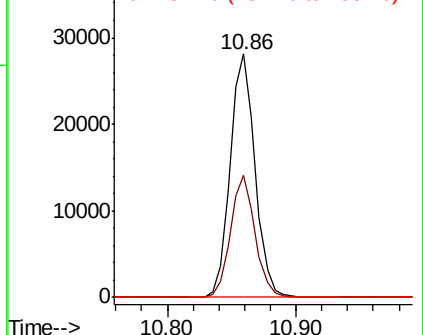
173 100

175 49.1 24.1 72.3

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

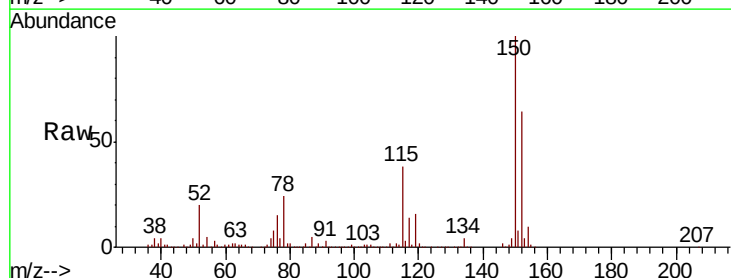
Tgt Ion:152 Resp: 160523

Ion Ratio Lower Upper

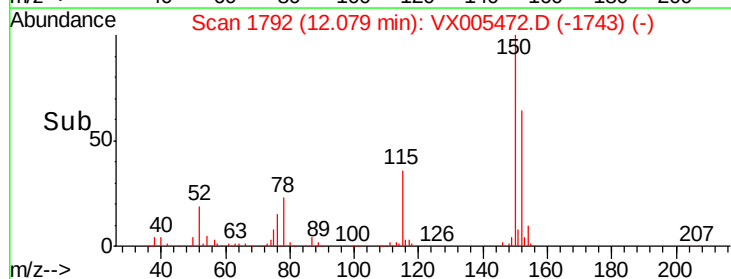
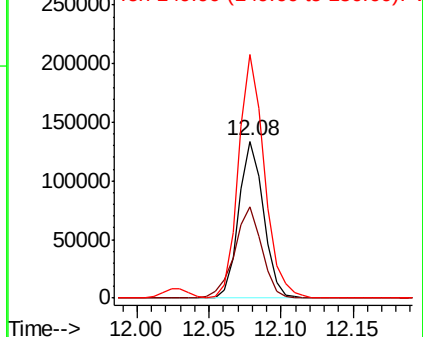
152 100

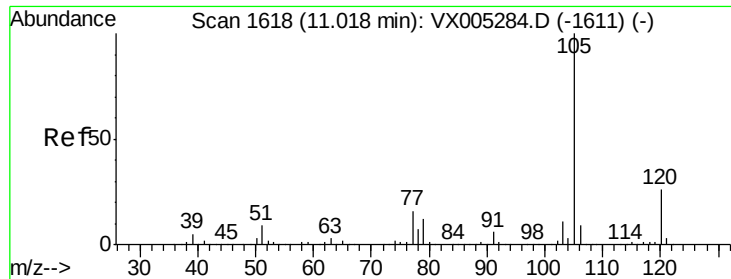
115 64.6 39.0 117.0

150 161.8 0.0 351.0



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: 21.337 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

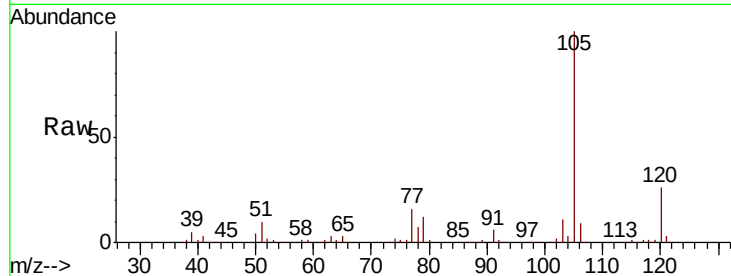
VX1022WBSD01

Tot Ion:105 Resp: 203612

Ion Ratio Lower Upper

105 100

120 26.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

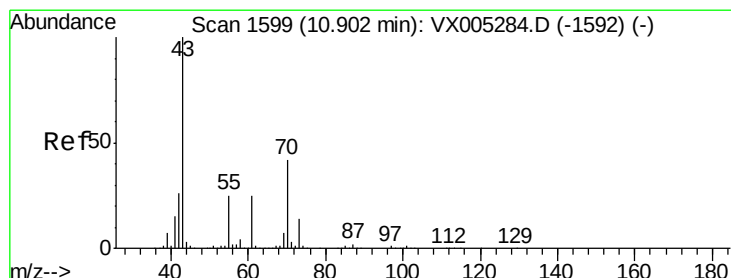
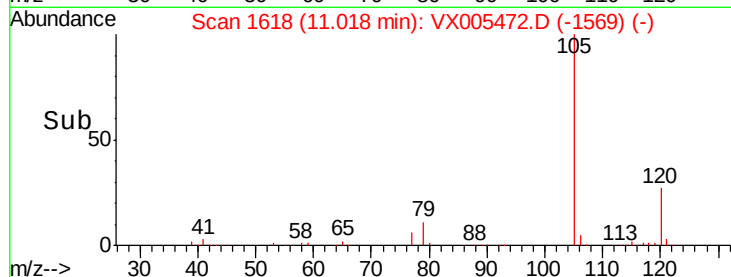
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 21.300 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

Tgt Ion: 43 Resp: 98035

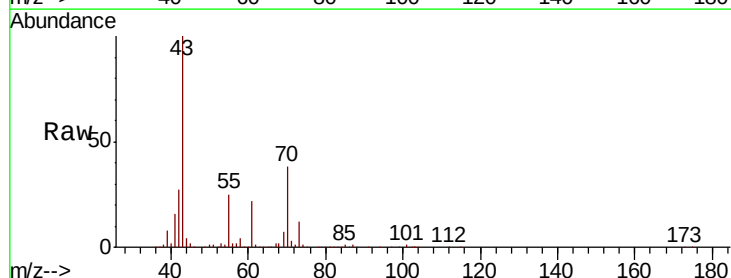
Ion Ratio Lower Upper

43 100

70 40.1 37.4 56.0

55 26.3 21.8 32.8

61 22.6 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

120000

100000

80000

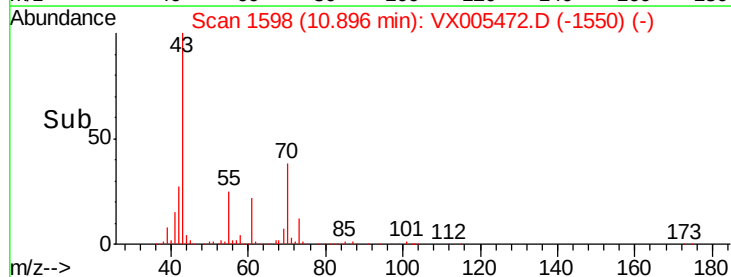
60000

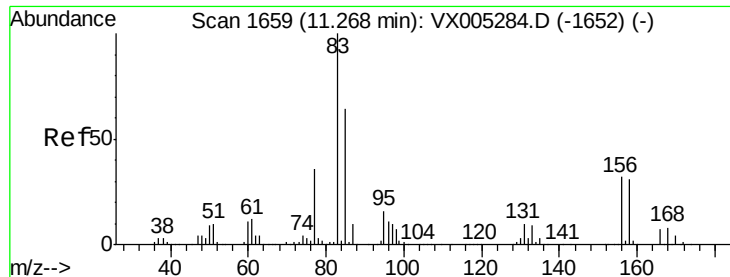
40000

20000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 20.686 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

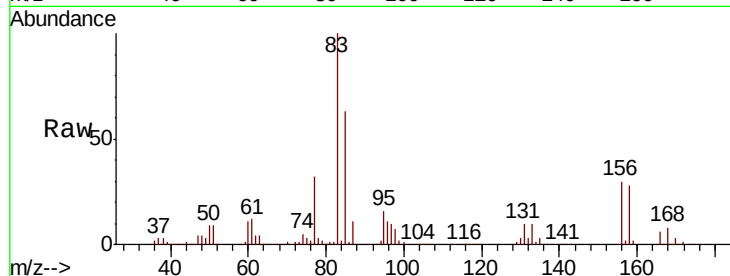
Tot Ion: 83 Resp: 74466

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

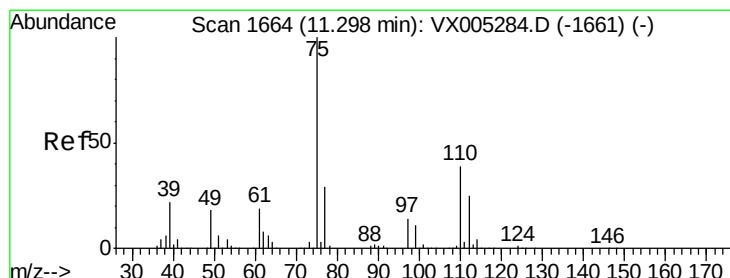
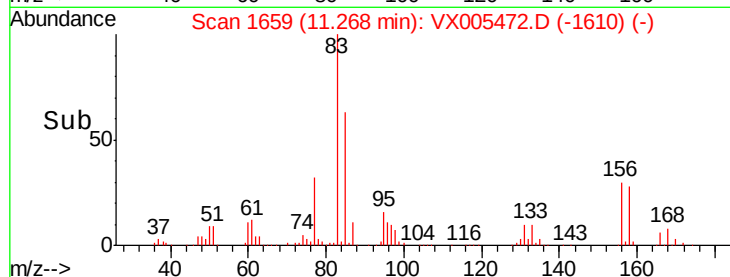
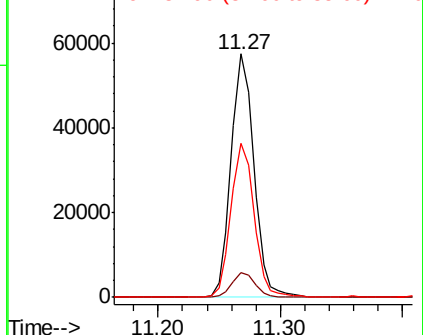
85 64.4 32.3 96.8



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: 27.713 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005472.D

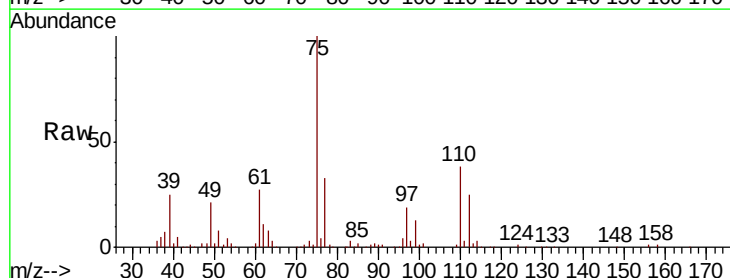
Acq: 22 Oct 2018 16:06

Tgt Ion: 75 Resp: 86291

Ion Ratio Lower Upper

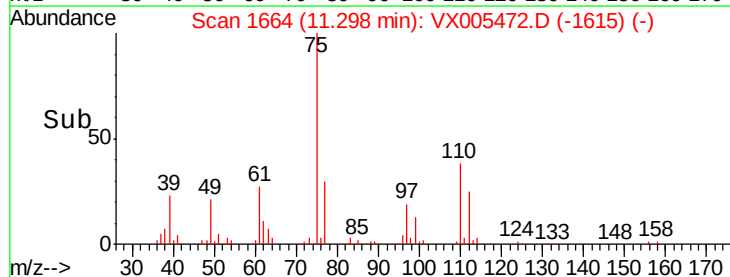
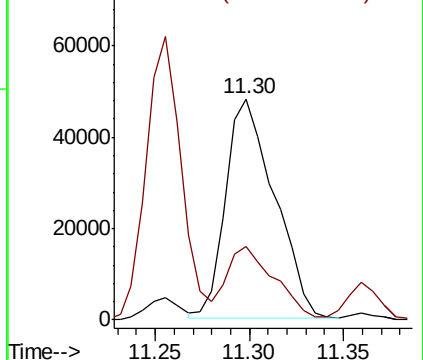
75 100

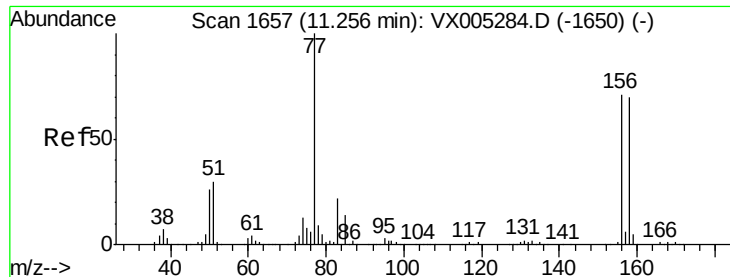
77 32.7 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.440 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

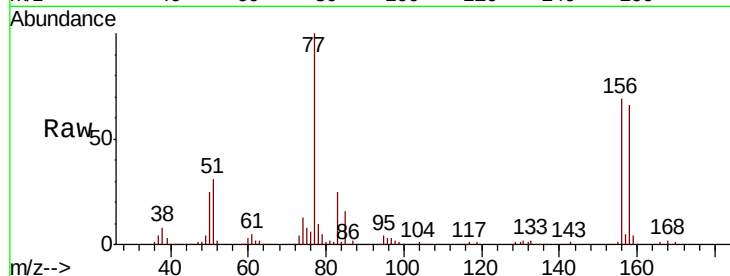
Tot Ion:156 Resp: 55770

Ion Ratio Lower Upper

156 100

77 145.9 71.5 214.3

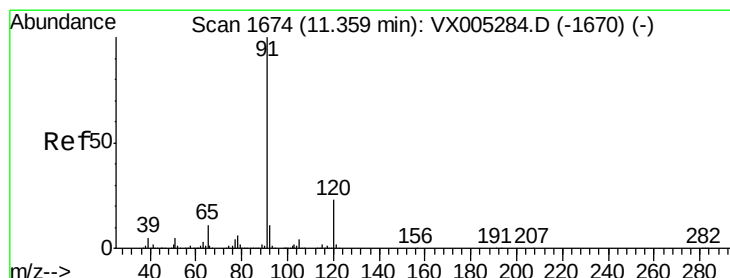
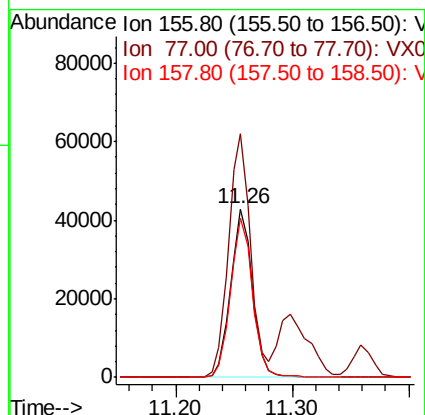
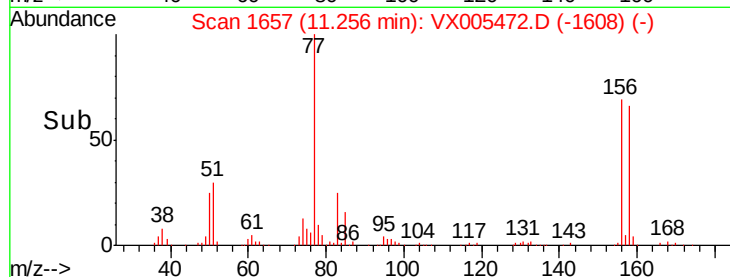
158 95.4 48.9 146.8



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: 21.370 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005472.D

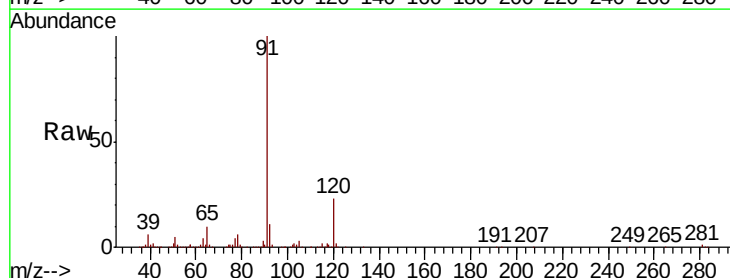
Acq: 22 Oct 2018 16:06

Tgt Ion: 91 Resp: 234660

Ion Ratio Lower Upper

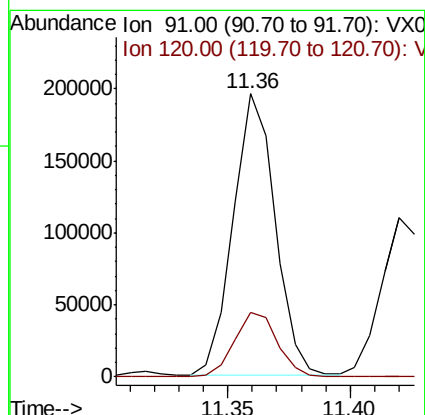
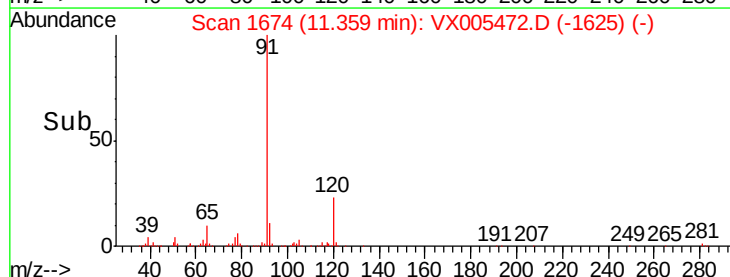
91 100

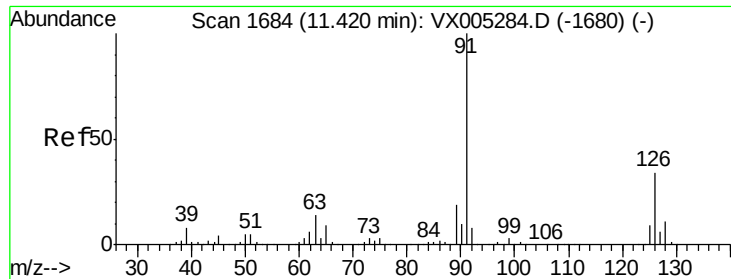
120 23.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

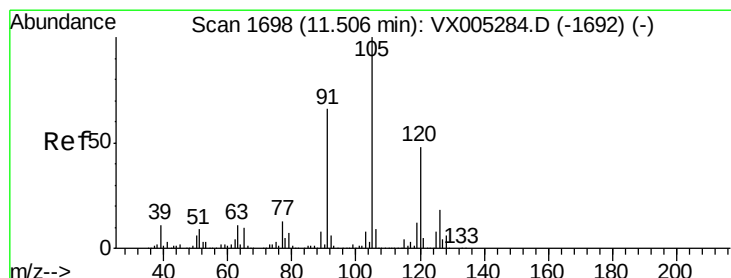
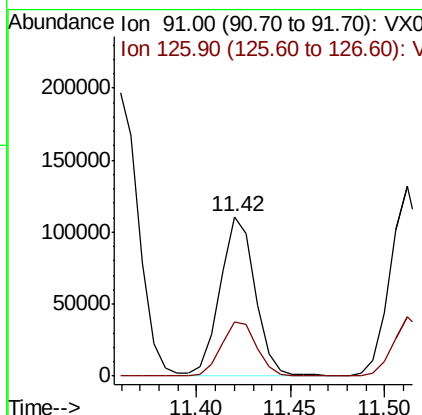
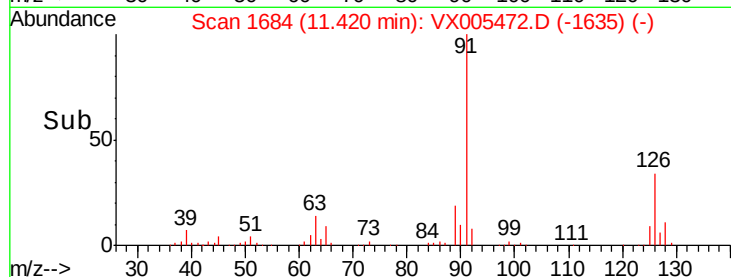
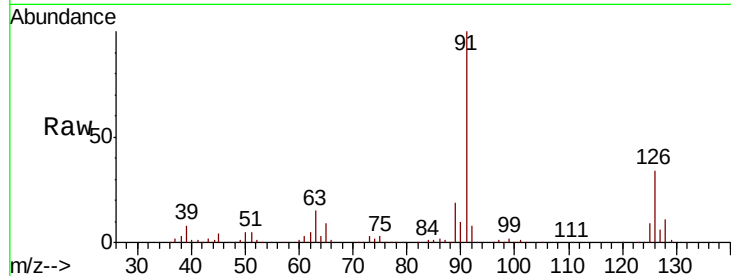




#79
 2-Chlorotoluene
 Concen: 20.887 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005472.D
 Acq: 22 Oct 2018 16:06

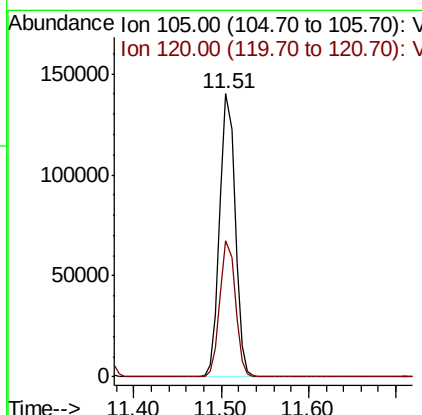
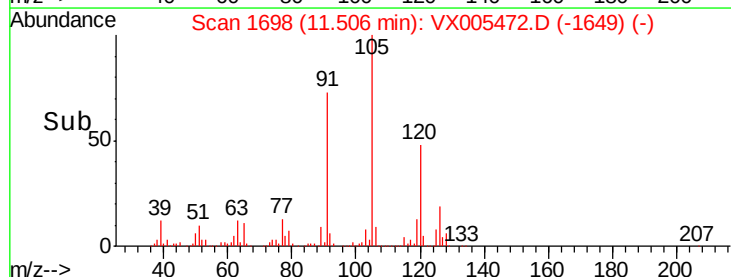
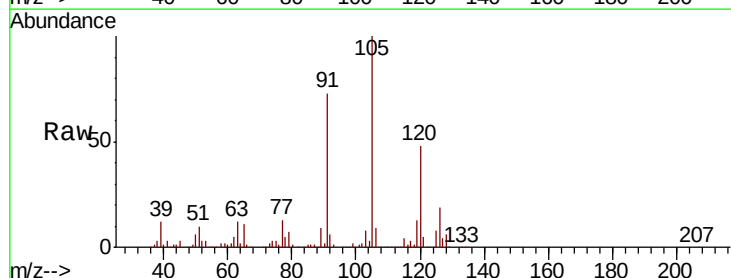
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

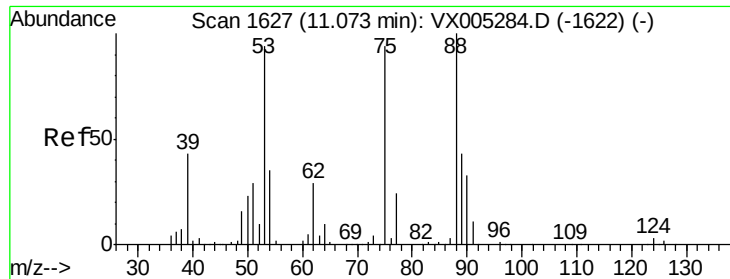
Tot Ion: 91 Resp: 140468
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.968 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005472.D
 Acq: 22 Oct 2018 16:06

Tgt Ion: 105 Resp: 171346
 Ion Ratio Lower Upper
 105 100
 120 48.3 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 20.348 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

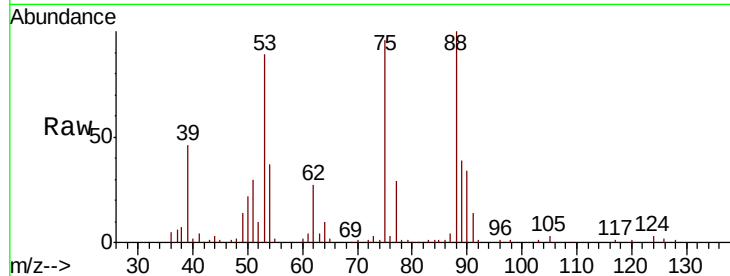
Tot Ion: 75 Resp: 20852

Ion Ratio Lower Upper

75 100

53 101.3 80.1 120.1

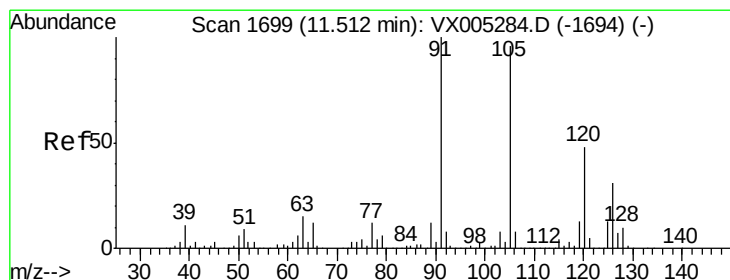
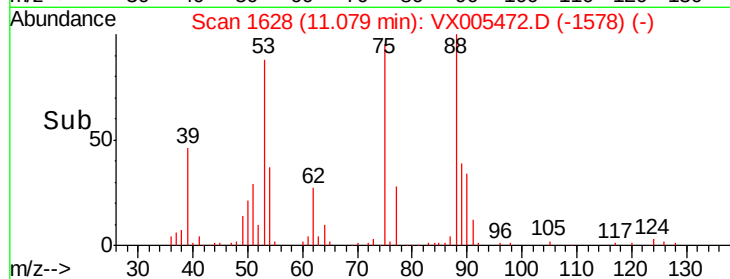
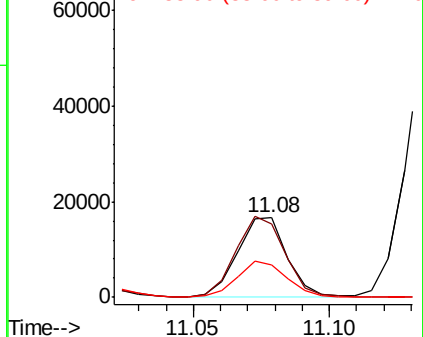
89 45.5 37.2 55.8



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: 20.815 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005472.D

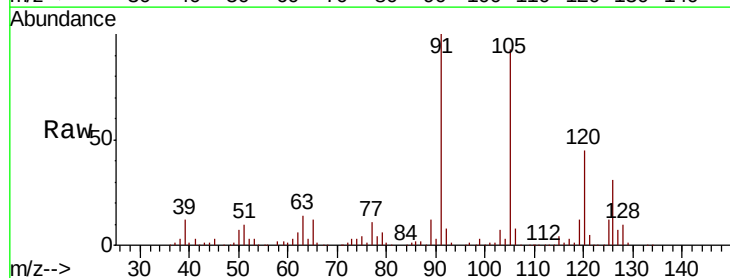
Acq: 22 Oct 2018 16:06

Tgt Ion: 91 Resp: 165944

Ion Ratio Lower Upper

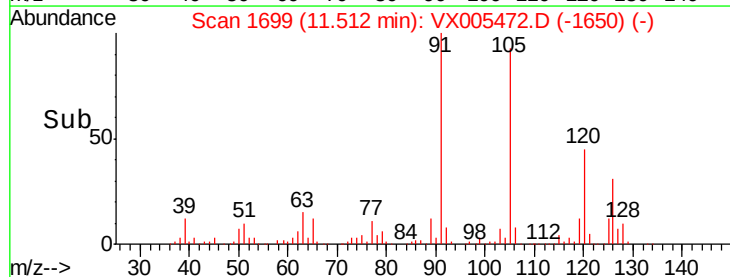
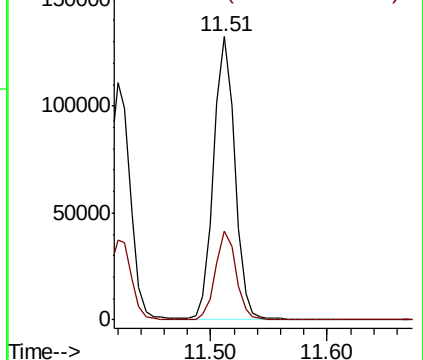
91 100

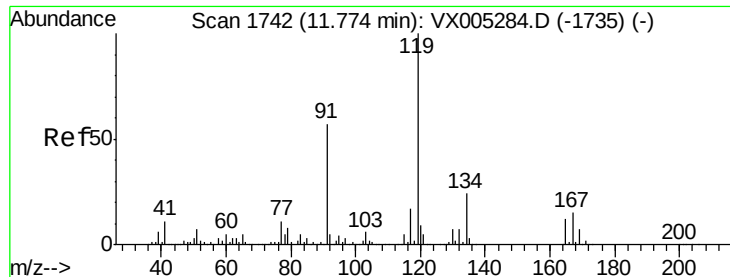
126 30.7 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

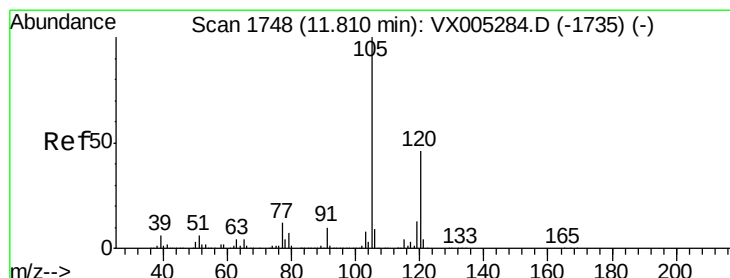
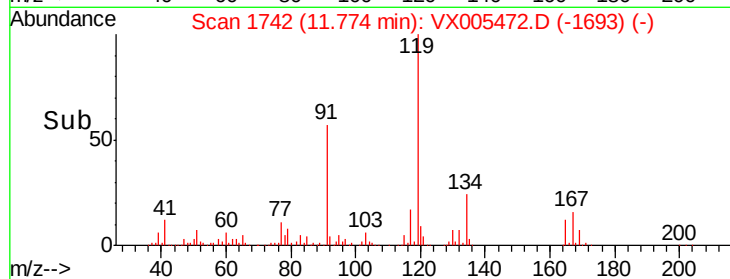
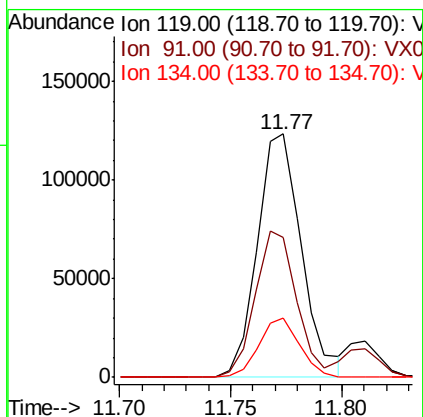
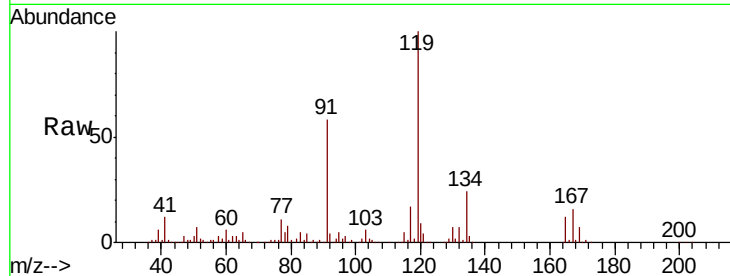




#83
 tert-Butylbenzene
 Concen: 20.597 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005472.D
 Acq: 22 Oct 2018 16:06

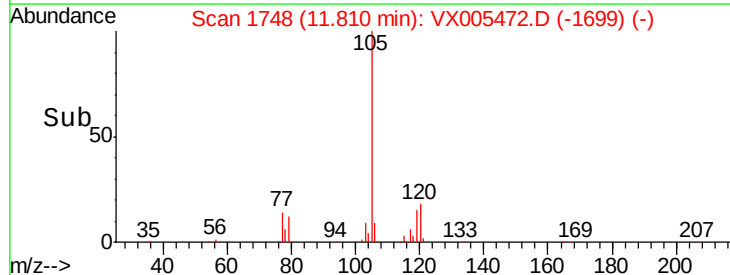
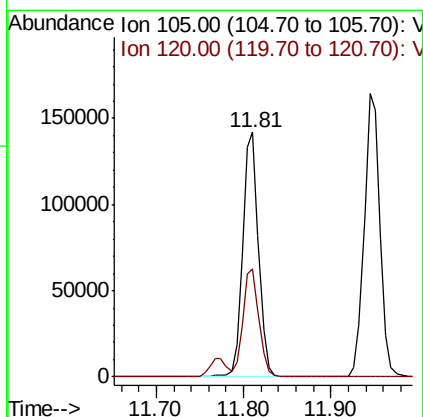
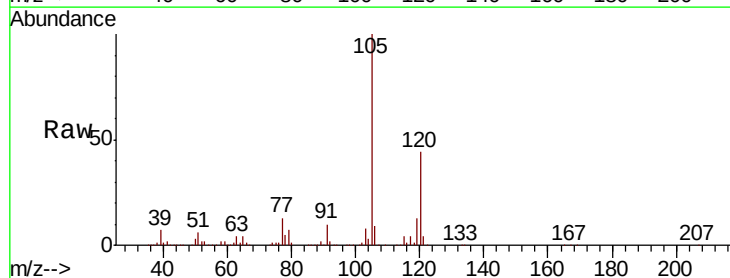
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

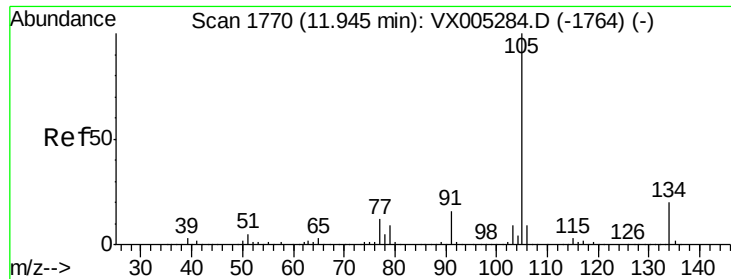
Tot Ion:119 Resp: 170442
 Ion Ratio Lower Upper
 119 100
 91 56.3 27.0 81.0
 134 22.7 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.251 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005472.D
 Acq: 22 Oct 2018 16:06

Tgt Ion:105 Resp: 178714
 Ion Ratio Lower Upper
 105 100
 120 44.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.015 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

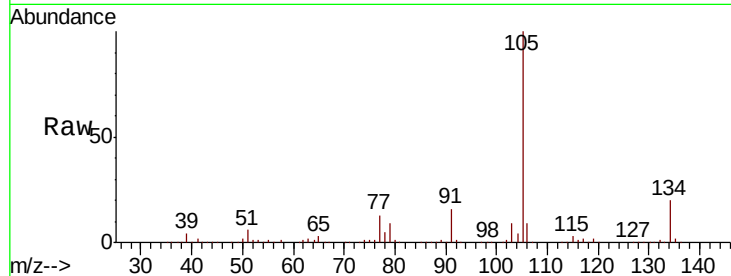
VX1022WBSD01

Tot Ion:105 Resp: 205802

Ion Ratio Lower Upper

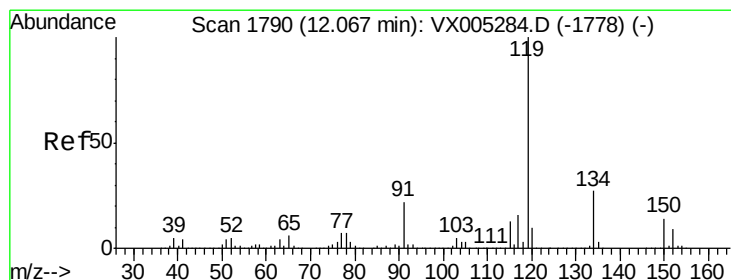
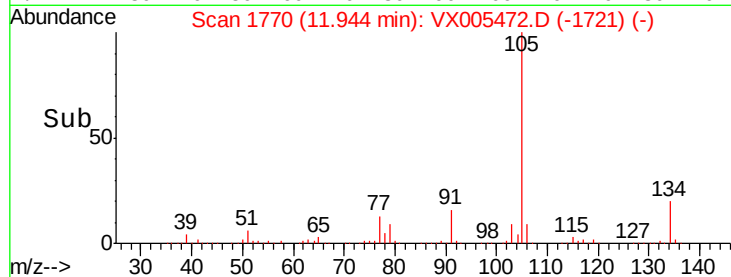
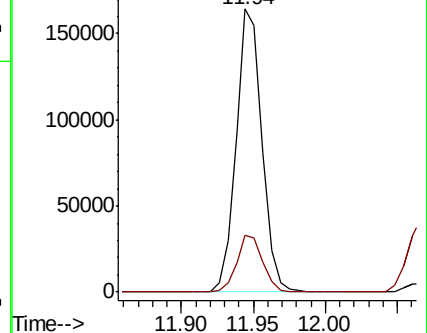
105 100

134 20.3 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.854 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

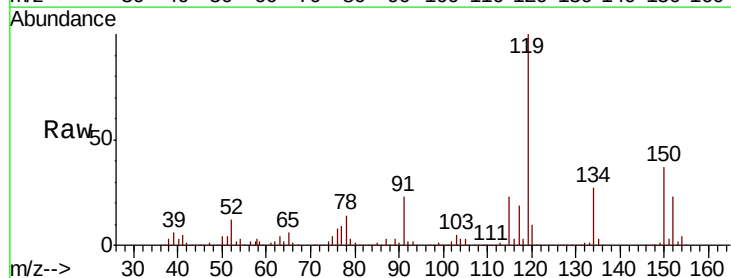
Tgt Ion:119 Resp: 184585

Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.2

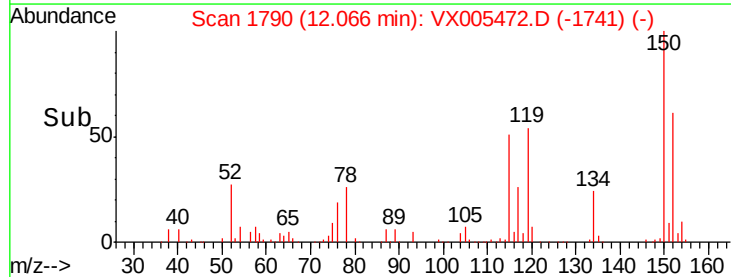
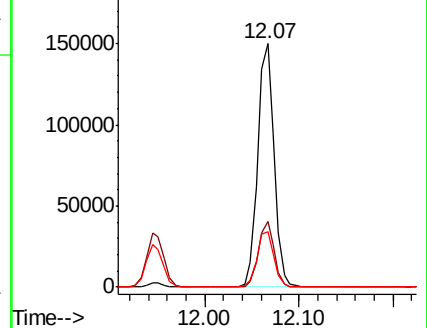
91 23.6 10.9 32.7

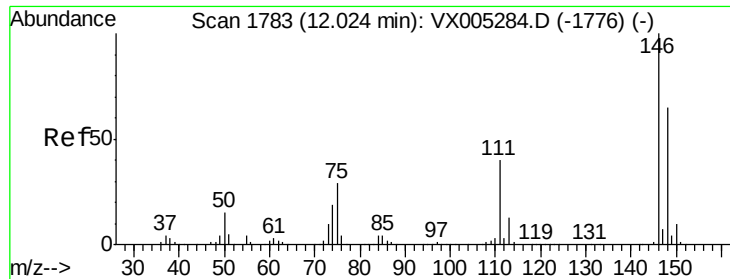


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

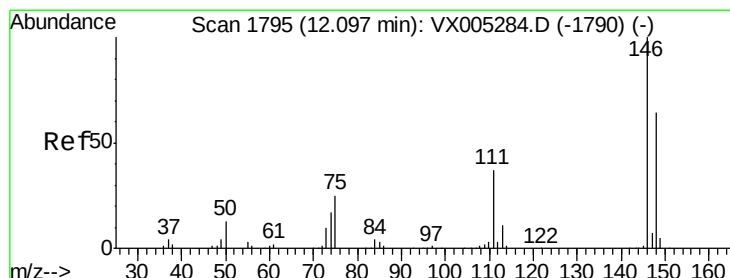
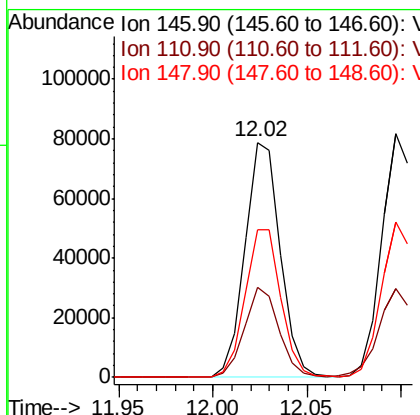
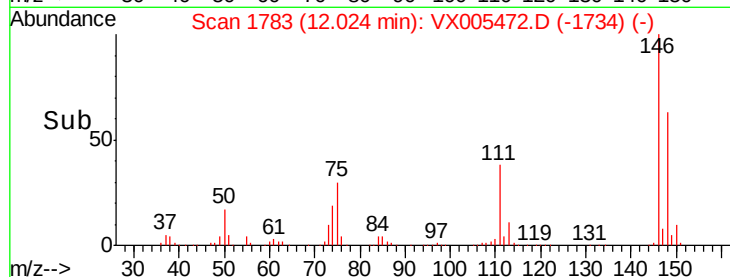
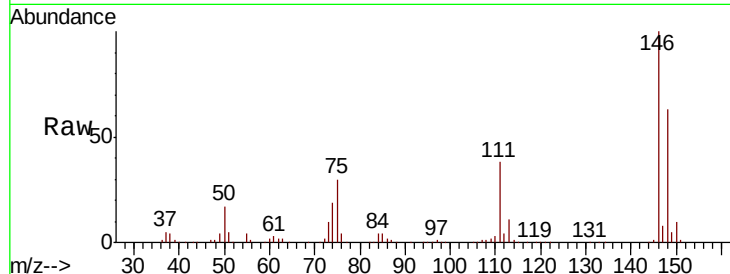




#87
 1,3-Dichlorobenzene
 Concen: 20.057 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005472.D
 Acq: 22 Oct 2018 16:06

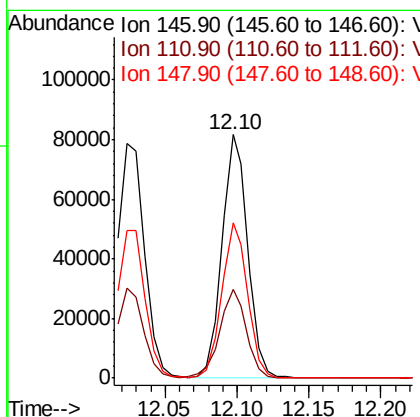
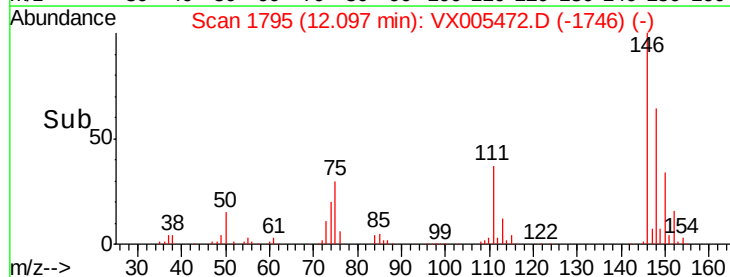
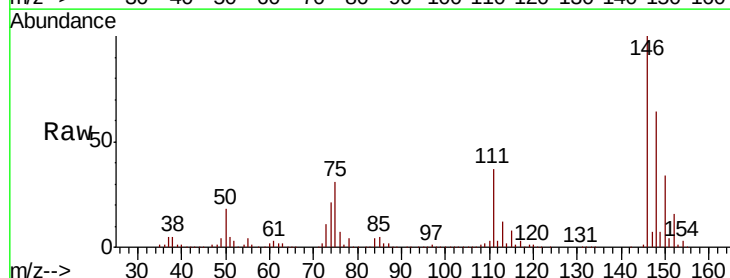
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

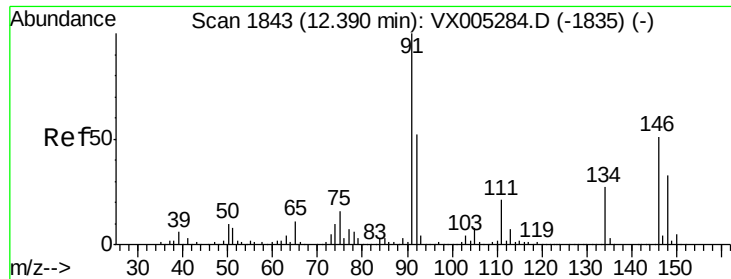
Tot Ion:146 Resp: 102259
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.7 56.1
 148 64.1 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.701 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005472.D
 Acq: 22 Oct 2018 16:06

Tgt Ion:146 Resp: 102756
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.1 54.1
 148 64.4 32.0 96.0





#89

n-Butylbenzene

Concen: 19.684 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampled :

VX1022WBSD01

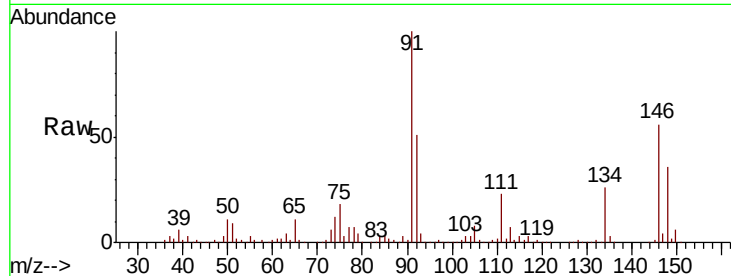
Tot Ion: 91 Resp: 158195

Ion Ratio Lower Upper

91 100

92 51.5 27.3 81.9

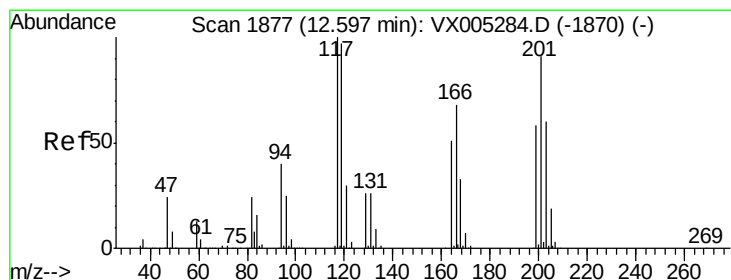
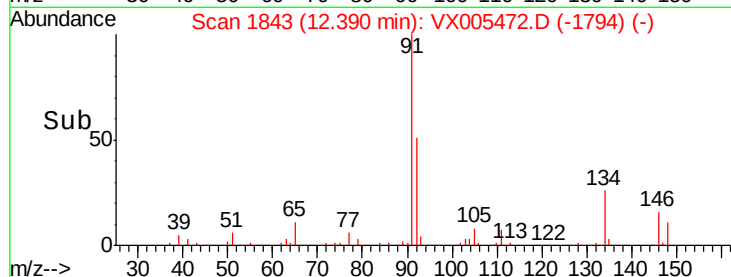
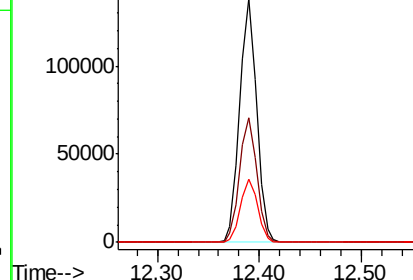
134 26.3 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX005284.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX005284.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX005284.D (-1835) (-)



#90

Hexachloroethane

Concen: 19.613 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005472.D

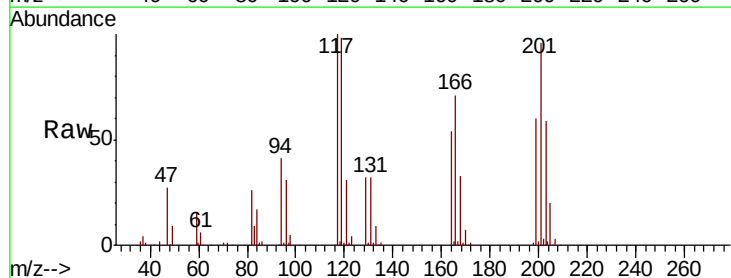
Acq: 22 Oct 2018 16:06

Tgt Ion: 117 Resp: 29919

Ion Ratio Lower Upper

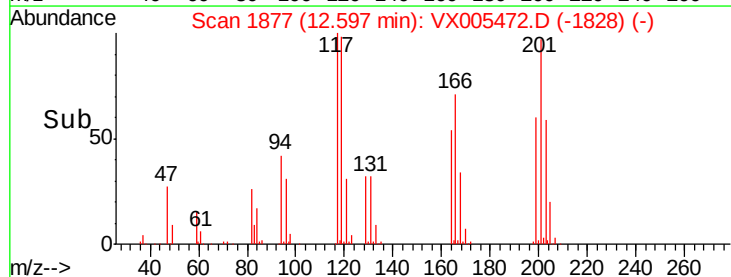
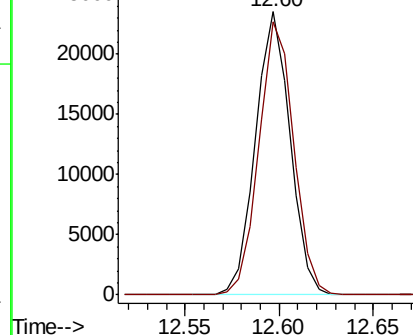
117 100

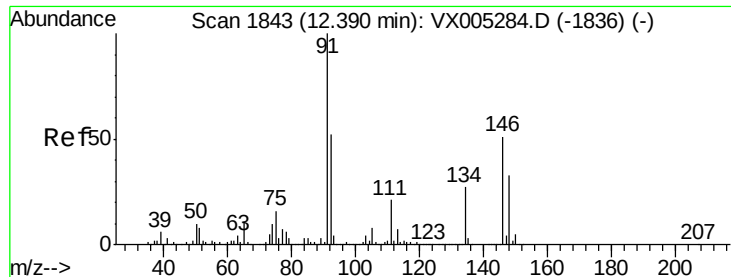
201 97.2 46.9 140.6



Abundance Ion 116.80 (116.50 to 117.50): VX005284.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX005284.D (-1870) (-)

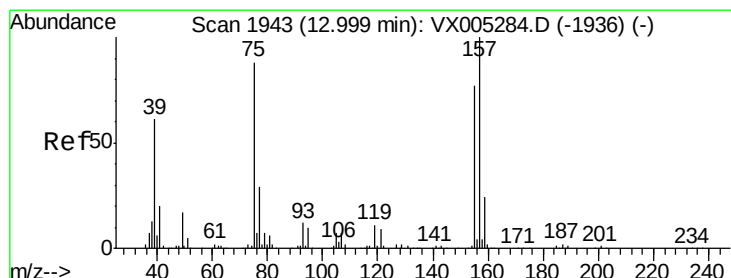
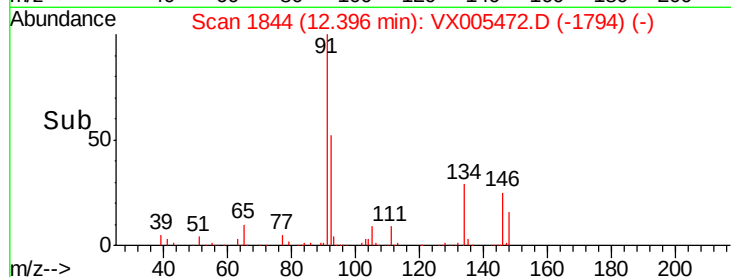
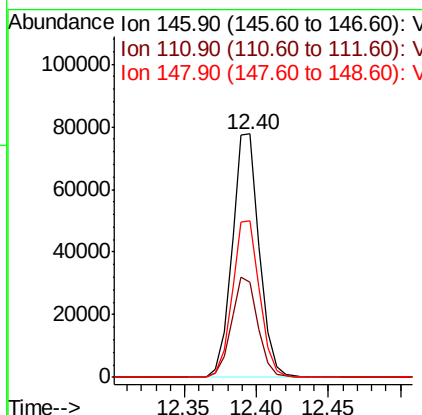
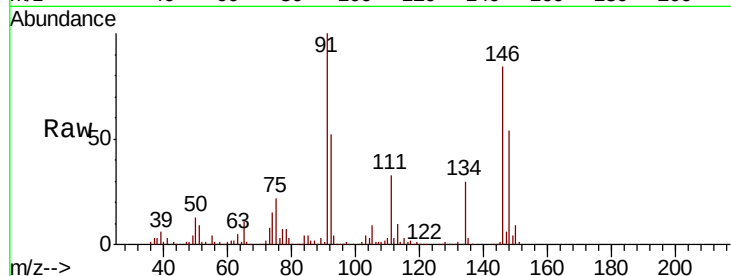




#91
 1,2-Dichlorobenzene
 Concen: 19.581 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: VX005472.D
 Acq: 22 Oct 2018 16:06

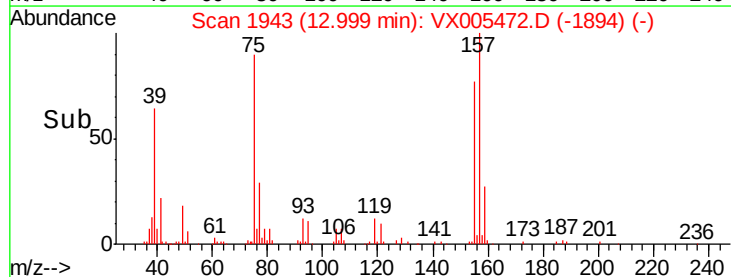
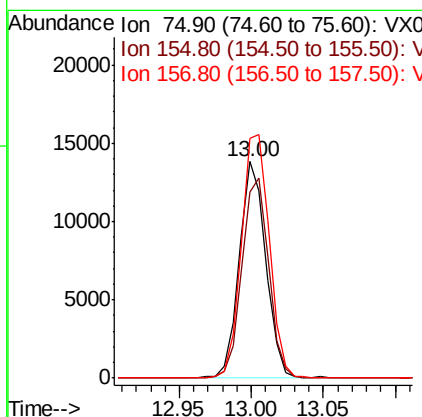
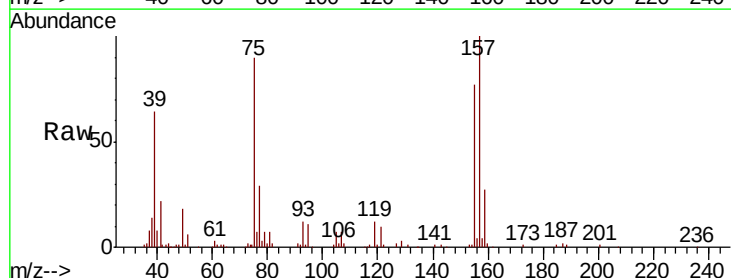
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

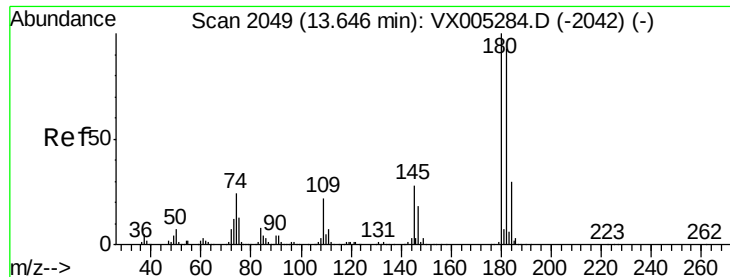
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.4	58.1
148	64.8	32.8	98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.103 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005472.D
 Acq: 22 Oct 2018 16:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.0	48.0	144.2
157	118.0	61.4	184.1

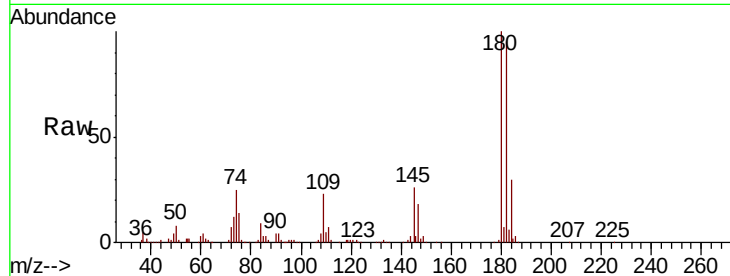




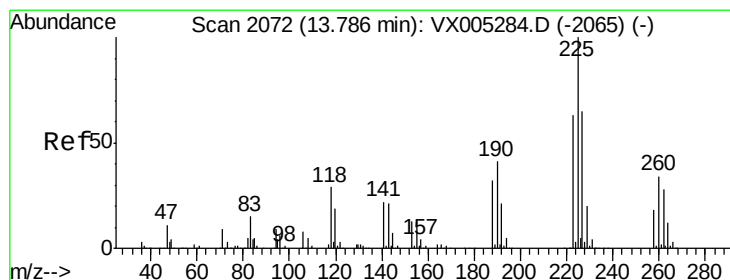
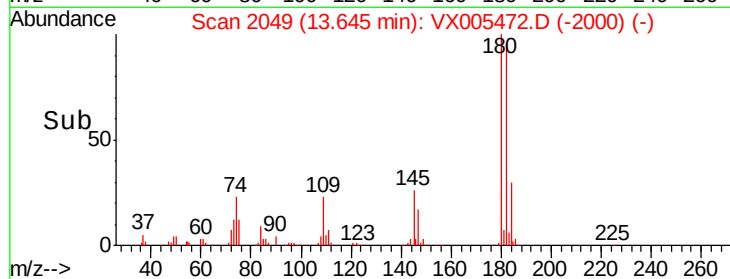
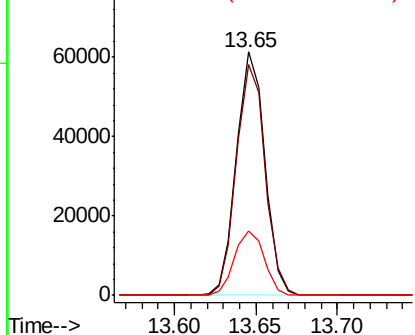
#93
 1,2,4-Trichlorobenzene
 Concen: 19.598 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005472.D
 Acq: 22 Oct 2018 16:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBSD01

Tot Ion:180 Resp: 74810
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.4 145.0
 145 27.8 14.3 42.9

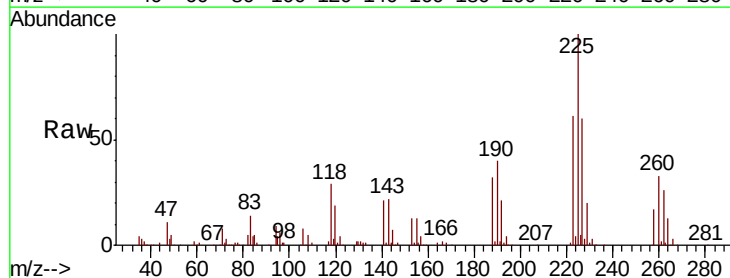


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

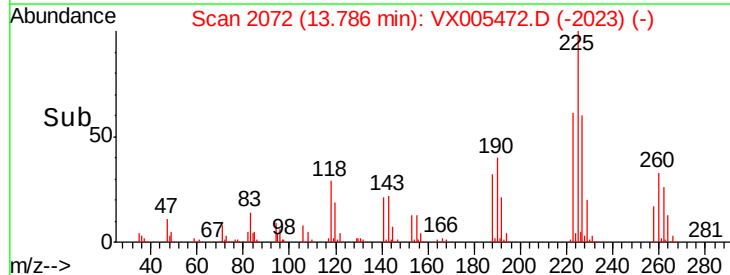
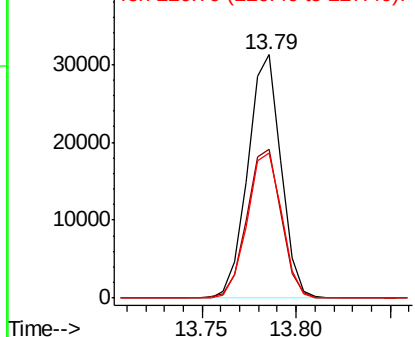


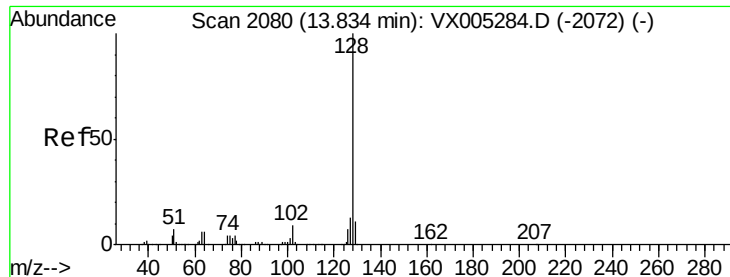
#94
 Hexachlorobutadiene
 Concen: 18.835 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005472.D
 Acq: 22 Oct 2018 16:06

Tgt Ion:225 Resp: 37973
 Ion Ratio Lower Upper
 225 100
 223 63.5 30.1 90.5
 227 62.3 30.8 92.4



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





#95

Naphthalene

Concen: 20.715 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBSD01

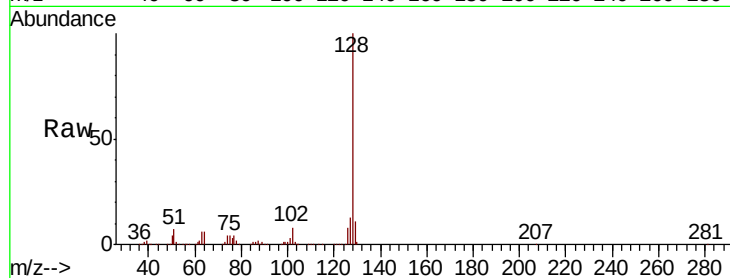
Tot Ion:128 Resp: 229326

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

129 10.8 8.6 12.8

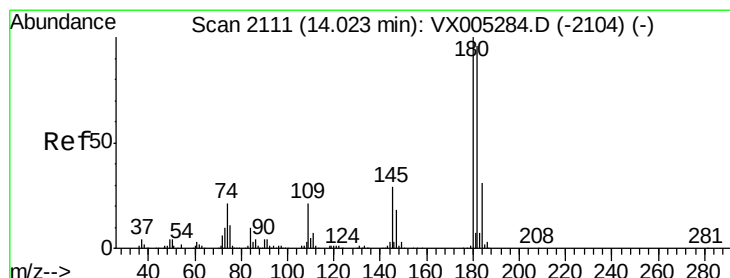
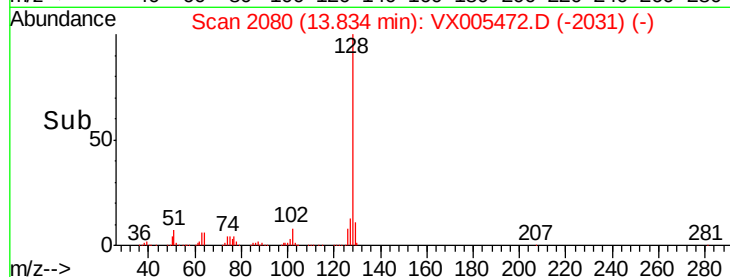
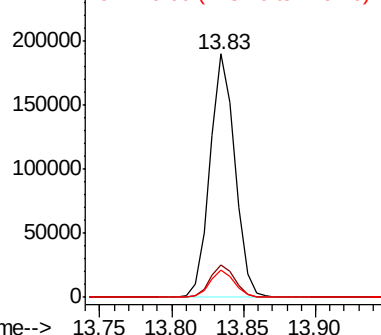


Abundance

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: 19.892 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005472.D

Acq: 22 Oct 2018 16:06

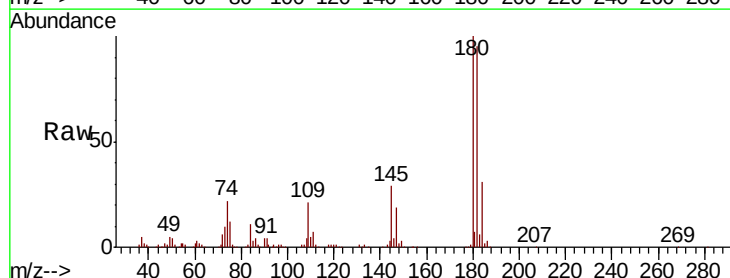
Tgt Ion:180 Resp: 77694

Ion Ratio Lower Upper

180 100

182 95.6 48.5 145.6

145 30.1 14.9 44.9



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

