

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
 Data File : VX014087.D
 Acq On : 18 Dec 2019 11:31
 Operator : JC/SP
 Sample : VX1218WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBSD01

Manual Integrations
 APPROVED

apatel
 12/19/2019 11:51:00 AM

Quant Time: Dec 18 16:32:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	505658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	765853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	693594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	336326	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	294351	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
35) Dibromofluoromethane	5.48	113	236207	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
50) Toluene-d8	8.71	98	903526	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.13	95	320455	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	82673	18.275	ug/l	95
3) Chloromethane	1.32	50	116099	19.124	ug/l	97
4) Vinyl Chloride	1.40	62	118930	18.566	ug/l	99
5) Bromomethane	1.63	94	78343	17.231	ug/l	99
6) Chloroethane	1.72	64	79778	20.178	ug/l	97
7) Trichlorofluoromethane	1.92	101	150532	18.983	ug/l	98
8) Diethyl Ether	2.18	74	72144	19.385	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	91717	19.187	ug/l	98
10) Methyl Iodide	2.50	142	113558	19.690	ug/l	99
11) Tert butyl alcohol	3.02	59	125972	101.728	ug/l	99
12) 1,1-Dichloroethene	2.36	96	89934	18.489	ug/l	99
13) Acrolein	2.28	56	87601	123.581	ug/l	100
14) Allyl chloride	2.72	41	167737	19.314	ug/l	99
15) Acrylonitrile	3.13	53	311018	107.606	ug/l	99
16) Acetone	2.43	43	313291	84.204	ug/l	97
17) Carbon Disulfide	2.56	76	244715	18.601	ug/l	99
18) Methyl Acetate	2.76	43	157206	21.323	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	323260	20.224	ug/l	97
20) Methylene Chloride	2.84	84	110074	18.787	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	100140	18.687	ug/l	99
22) Diisopropyl ether	3.84	45	353092	20.402	ug/l	90
23) Vinyl Acetate	3.80	43	1525423	108.009	ug/l	100
24) 1,1-Dichloroethane	3.69	63	182706	18.975	ug/l	98
25) 2-Butanone	4.65	43	450901	98.298	ug/l	99
26) 2,2-Dichloropropane	4.57	77	138442	18.519	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	116284	19.187	ug/l	99
28) Bromochloromethane	5.00	49	79532	21.736	ug/l	97
29) Tetrahydrofuran	5.11	42	280886	109.479	ug/l	98
30) Chloroform	5.20	83	178675	19.575	ug/l	98
31) Cyclohexane	5.57	56	165062	19.275	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	144479	18.572	ug/l	99
36) 1,1-Dichloropropene	5.79	75	131493	18.712	ug/l	99
37) Ethyl Acetate	4.81	43	163182	21.029	ug/l	97
38) Carbon Tetrachloride	5.78	117	122071	19.069	ug/l	98

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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	7.45	83	166014	19.133	ug/l	94
40) Benzene	6.13	78	416151	19.247	ug/l	99
41) Methacrylonitrile	5.03	41	91706	21.299	ug/l	98
42) 1,2-Dichloroethane	6.18	62	148416	20.250	ug/l	100
43) Isopropyl Acetate	6.43	43	265336	20.661	ug/l	99
44) Trichloroethene	7.20	130	111118	18.606	ug/l	99
45) 1,2-Dichloropropane	7.51	63	111591	20.136	ug/l	97
46) Dibromomethane	7.65	93	71526	19.521	ug/l	98
47) Bromodichloromethane	7.89	83	136303	19.752	ug/l	99
48) Methyl methacrylate	7.76	41	129370	20.572	ug/l	98
49) 1,4-Dioxane	7.73	88	55051	430.176	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	845857	104.877	ug/l	99
52) Toluene	8.78	92	255935	18.727	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	147671	19.516	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	168115	19.943	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	109232	19.942	ug/l	100
56) Ethyl methacrylate	9.17	69	170827	19.854	ug/l	99
57) 1,3-Dichloropropane	9.37	76	186390	20.225	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	329557	101.213	ug/l	99
59) 2-Hexanone	9.48	43	644144	99.213	ug/l	99
60) Dibromochloromethane	9.57	129	107362	19.719	ug/l	99
61) 1,2-Dibromoethane	9.67	107	116196	20.734	ug/l	99
64) Tetrachloroethene	9.33	164	109156	17.785	ug/l	97
65) Chlorobenzene	10.14	112	280156	18.997	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	101801	19.333	ug/l	99
67) Ethyl Benzene	10.25	91	485244	19.138	ug/l	100
68) m/p-Xylenes	10.35	106	369680	37.909	ug/l	99
69) o-Xylene	10.70	106	177830	18.594	ug/l	98
70) Styrene	10.71	104	303913	18.792	ug/l	98
71) Bromoform	10.85	173	80725	19.072	ug/l #	98
73) Isopropylbenzene	11.01	105	468612	19.789	ug/l	99
74) N-amyl acetate	10.89	43	222393	20.036	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	170216	20.734	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	160691m	22.008	ug/l	
77) Bromobenzene	11.25	156	126759	19.456	ug/l	98
78) n-propylbenzene	11.35	91	533594	20.089	ug/l	100
79) 2-Chlorotoluene	11.42	91	319599	19.794	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	391534	19.646	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	51480	19.900	ug/l	94
82) 4-Chlorotoluene	11.51	91	364245	19.449	ug/l	100
83) tert-Butylbenzene	11.76	119	379908	19.589	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	392124	19.648	ug/l	99
85) sec-Butylbenzene	11.94	105	454755	19.862	ug/l	99
86) p-Isopropyltoluene	12.06	119	410123	19.583	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	216096	18.925	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	217343	18.720	ug/l	99
89) n-Butylbenzene	12.39	91	344216	19.262	ug/l	99
90) Hexachloroethane	12.59	117	70435	18.724	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	215377	18.737	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	33876	18.647	ug/l	97

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	141805	18.981	ug/l	98
94) Hexachlorobutadiene	13.78	225	66723	18.583	ug/l	98
95) Naphthalene	13.83	128	429498	19.567	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	143140	19.409	ug/l	99

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

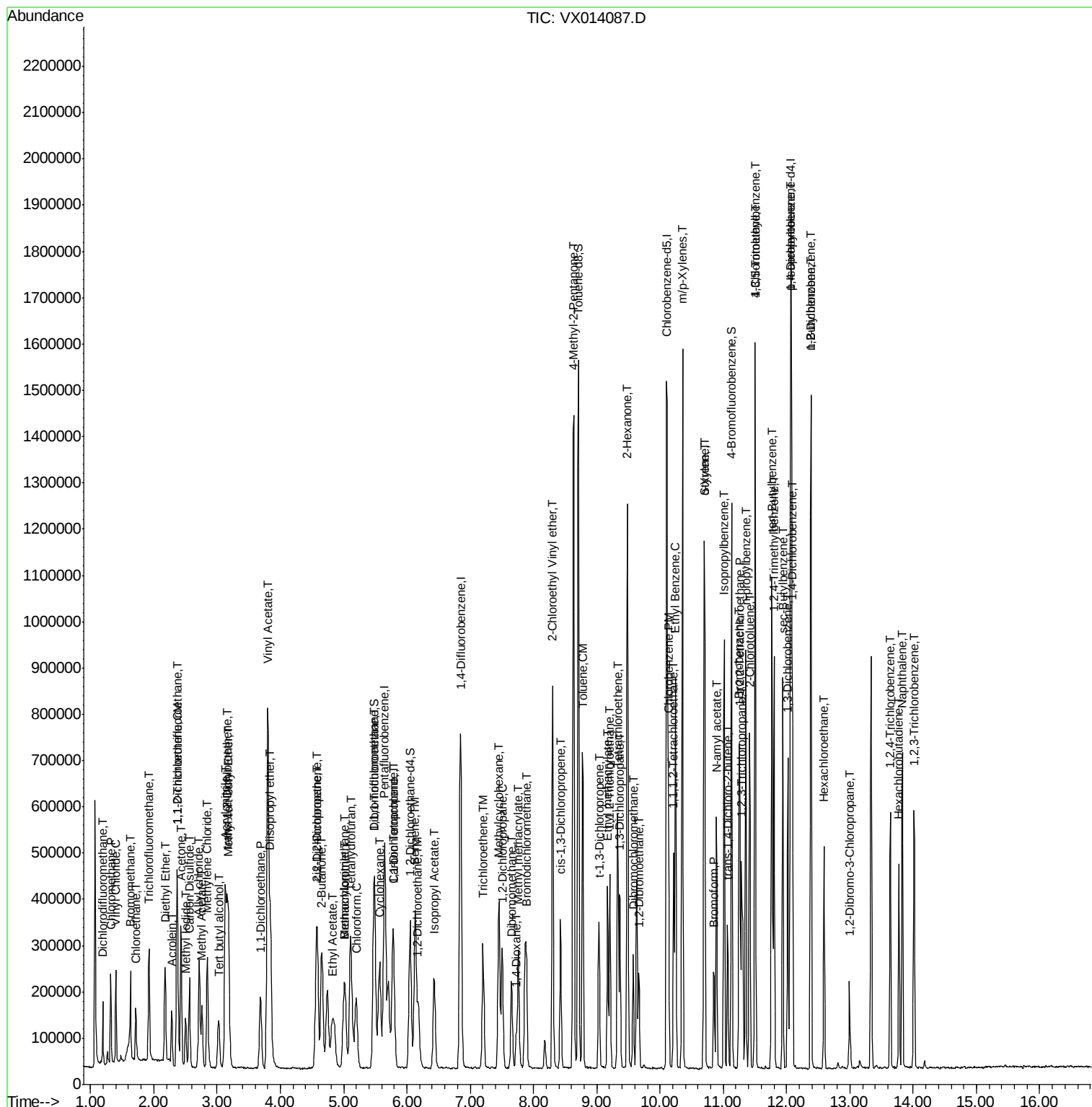
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Data File : VX014087.D
Acq On : 18 Dec 2019 11:31
Operator : JC/SP
Sample : VX1218WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

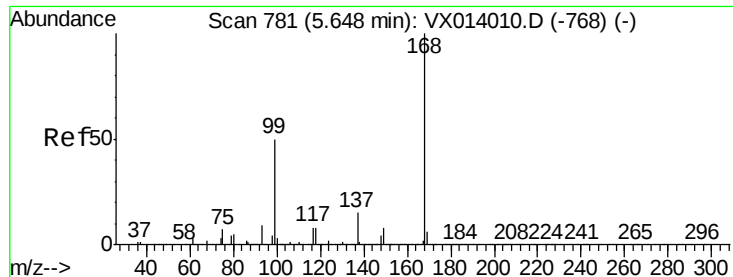
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

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#1

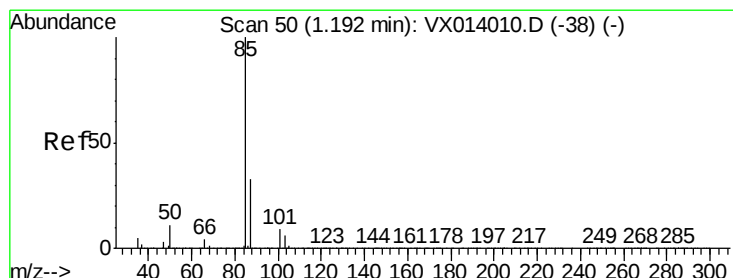
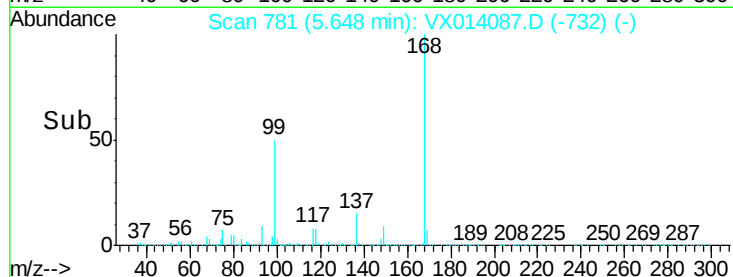
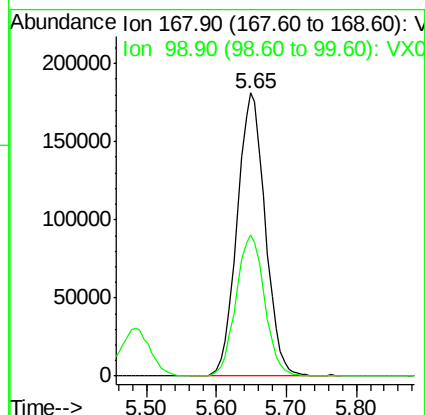
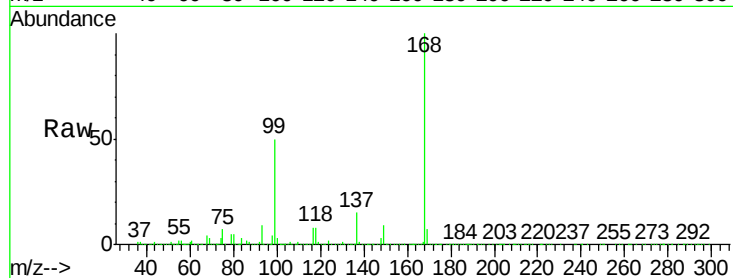
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.9	40.3	60.5

Manual Integrations
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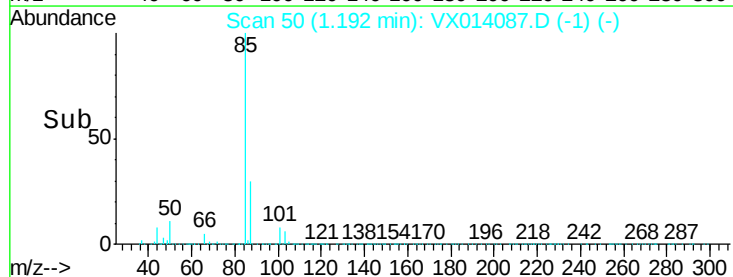
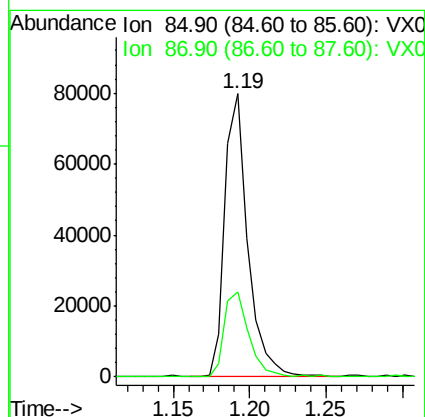
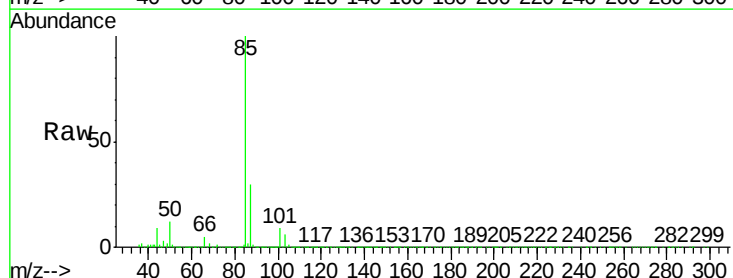
apatel
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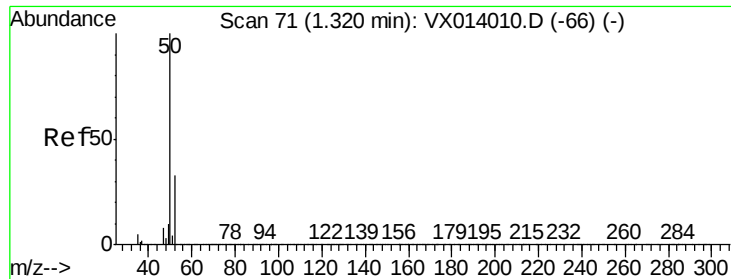


#2

Dichlorodifluoromethane
Concen: 18.275 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Lower	Upper
85	100		
87	29.7	16.4	49.2





#3

Chloromethane

Concen: 19.124 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion: 50 Resp: 116099

Ion Ratio Lower Upper

50 100

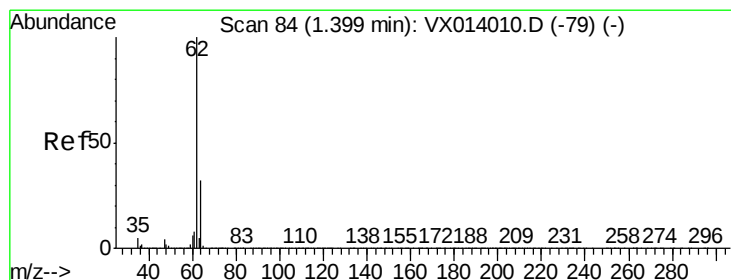
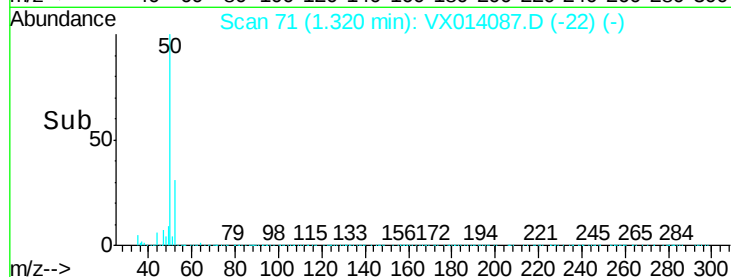
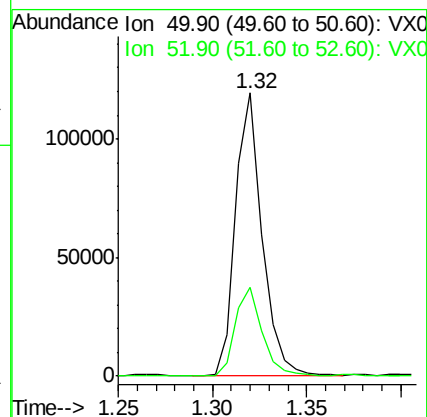
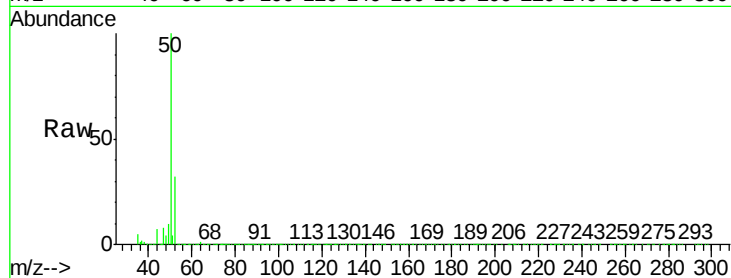
52 31.4 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.566 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014087.D

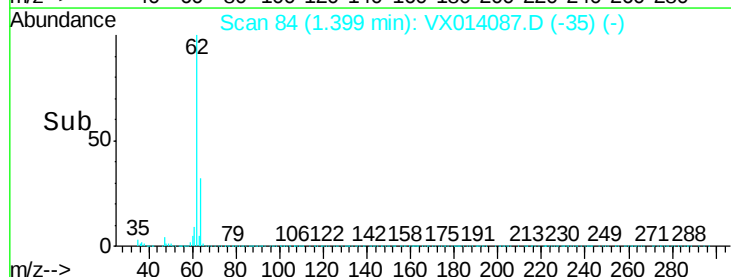
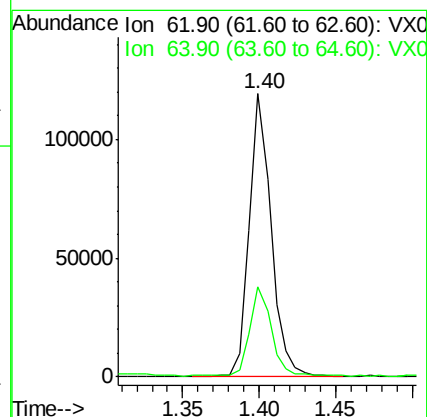
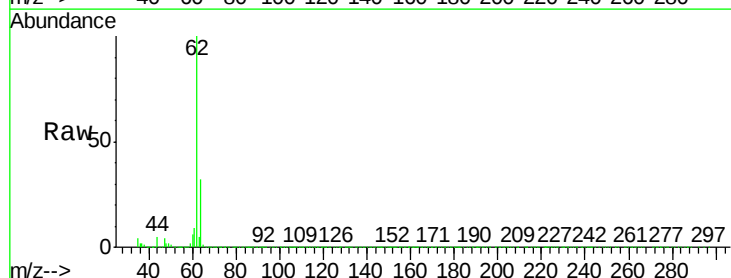
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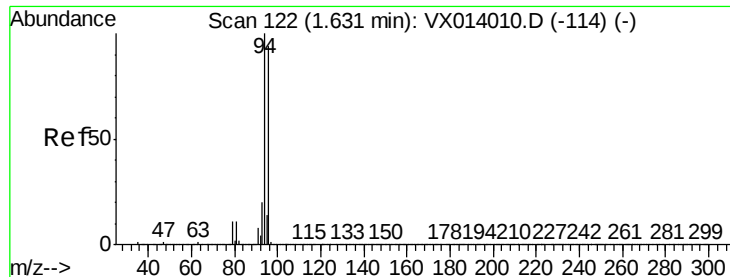
Tgt Ion: 62 Resp: 118930

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5





#5

Bromomethane

Concen: 17.231 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion: 94 Resp: 78343

Ion Ratio Lower Upper

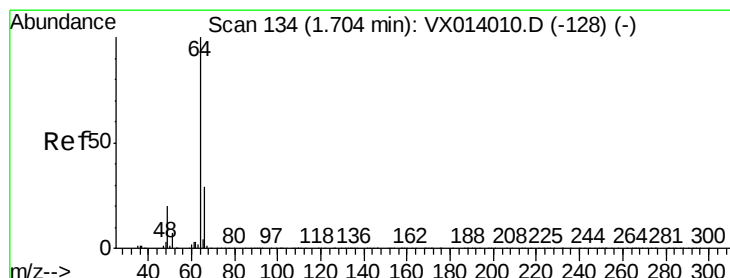
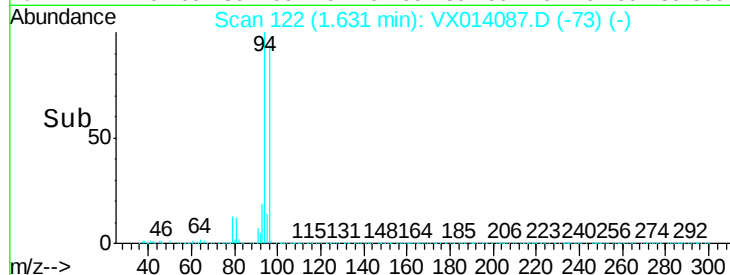
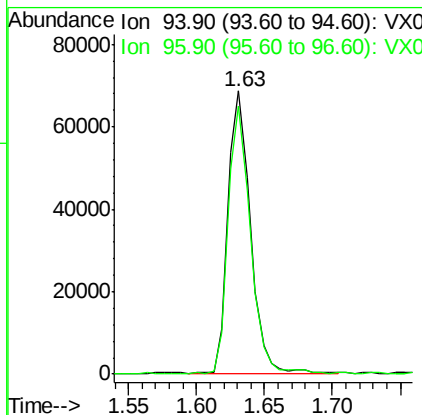
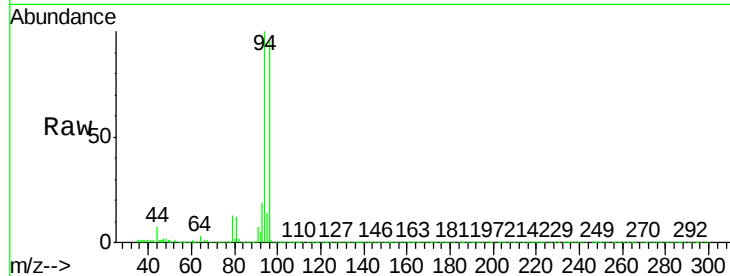
94 100

96 94.8 75.2 112.8

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#6

Chloroethane

Concen: 20.178 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014087.D

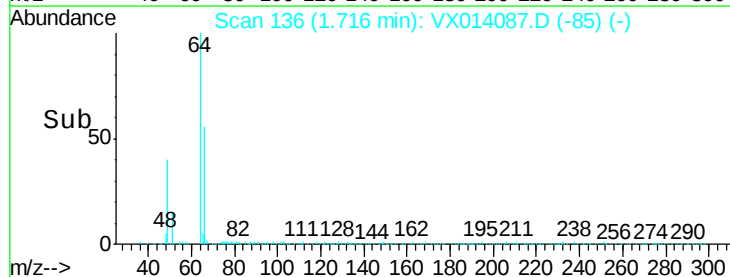
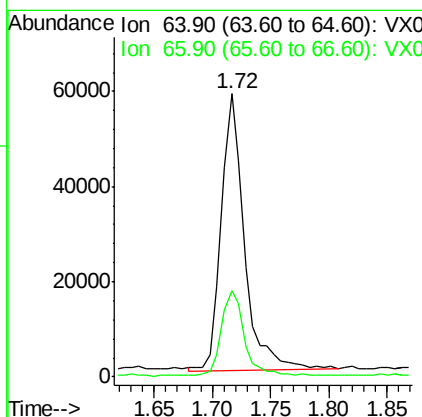
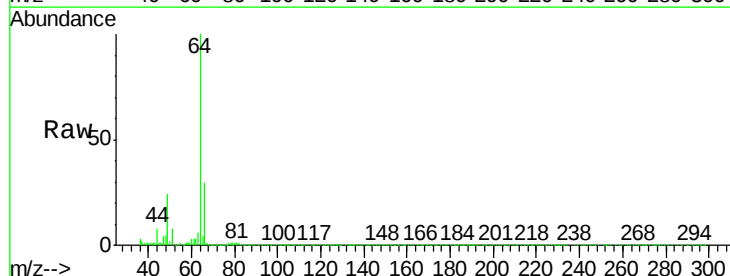
Acq: 18 Dec 2019 11:31

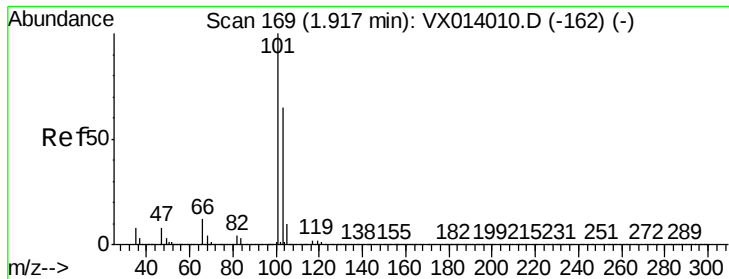
Tgt Ion: 64 Resp: 79778

Ion Ratio Lower Upper

64 100

66 30.9 23.4 35.2





#7

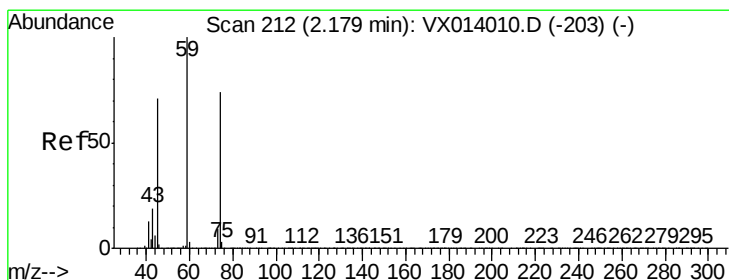
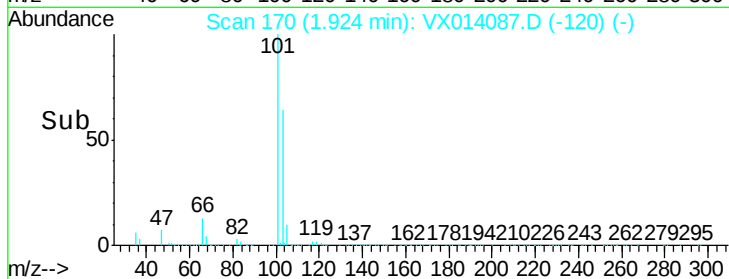
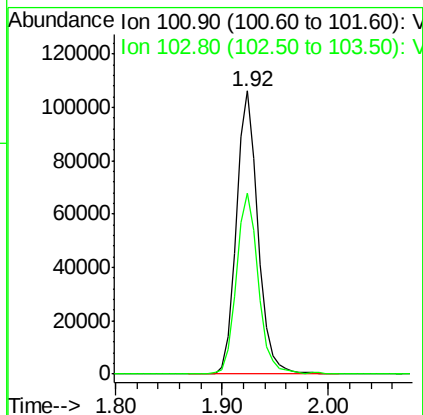
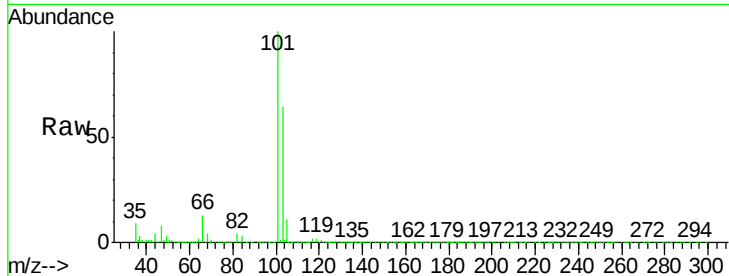
Trichlorofluoromethane
Concen: 18.983 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	52.2	78.4

Manual Integrations
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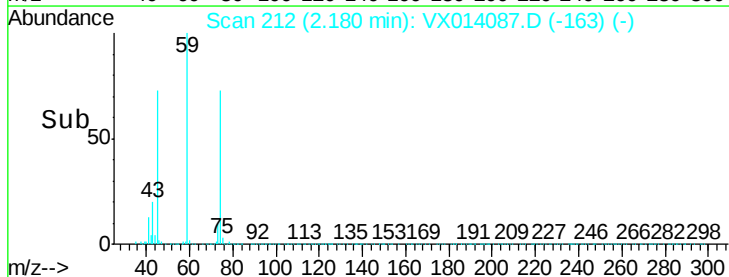
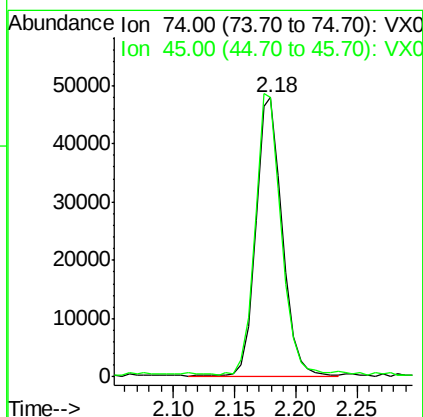
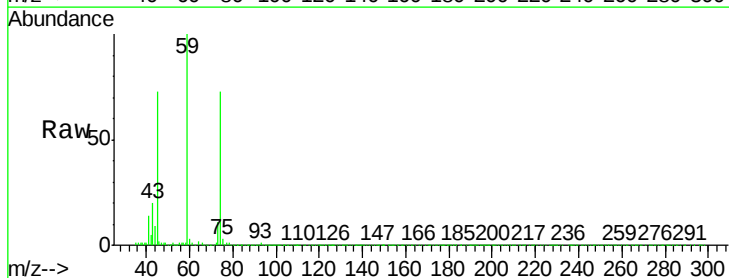
apatel
12/19/2019 11:51:00 AM



#8

Diethyl Ether
Concen: 19.385 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.1	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.187 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

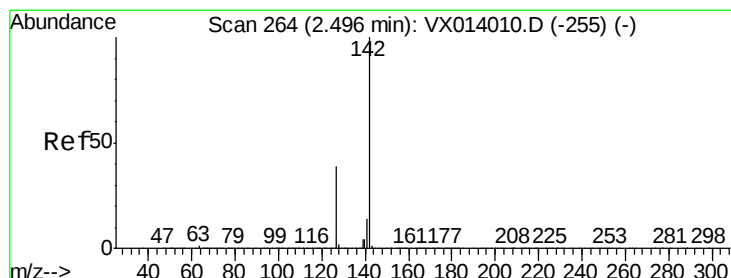
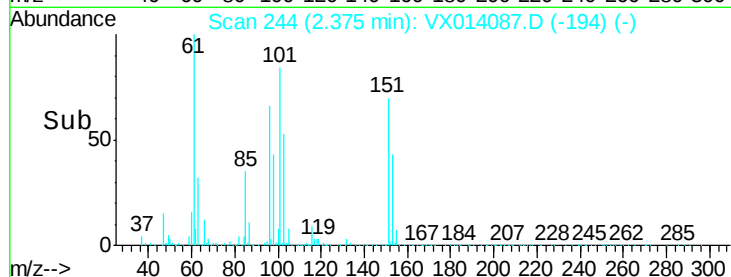
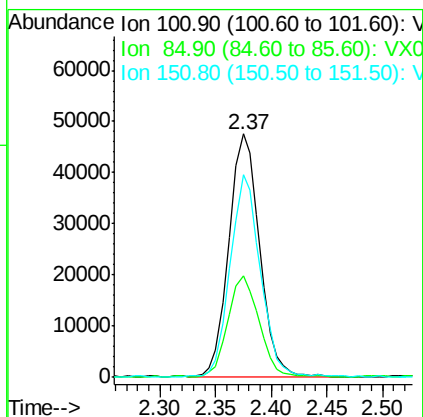
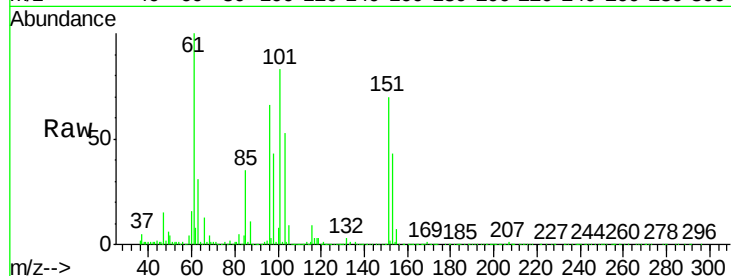
ClientSampleId :

VX1218WBSD01

Tot Ion:	101	Resp:	91717
Ion Ratio	Lower	Upper	
101	100		
85	42.8	33.7	50.5
151	82.3	64.5	96.7

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#10

Methyl Iodide

Concen: 19.690 ug/l

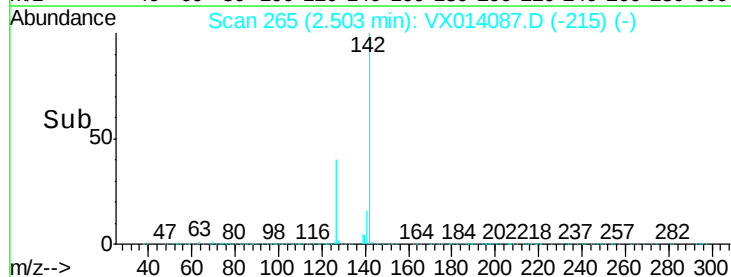
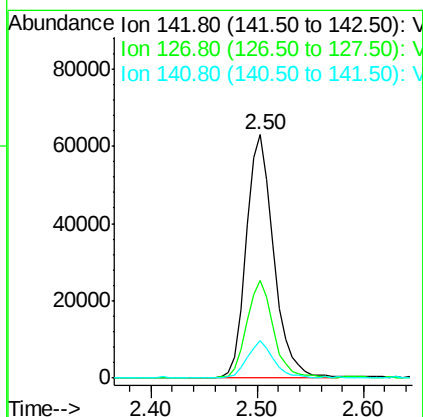
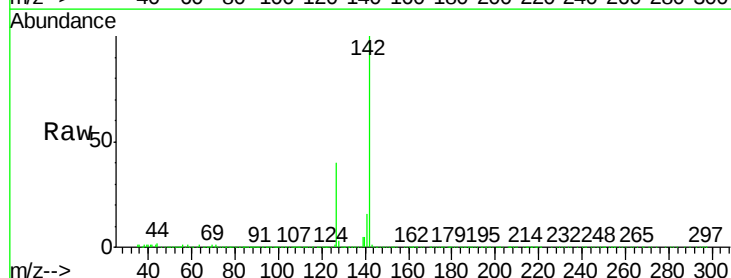
RT: 2.50 min Scan# 265

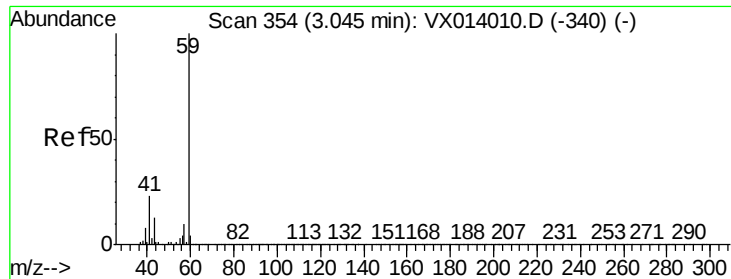
Delta R.T. 0.01 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Tgt Ion:	142	Resp:	113558
Ion Ratio	Lower	Upper	
142	100		
127	39.1	31.6	47.4
141	14.8	11.6	17.4





#11

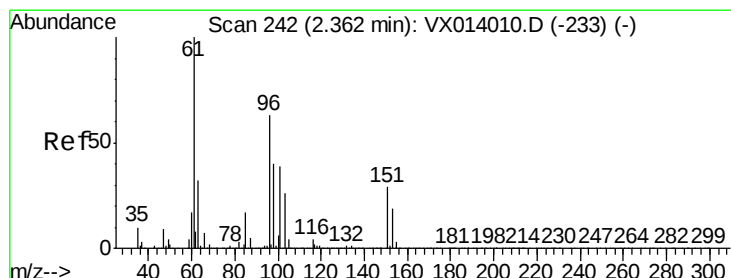
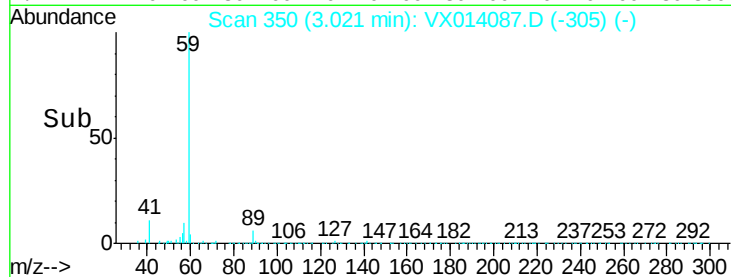
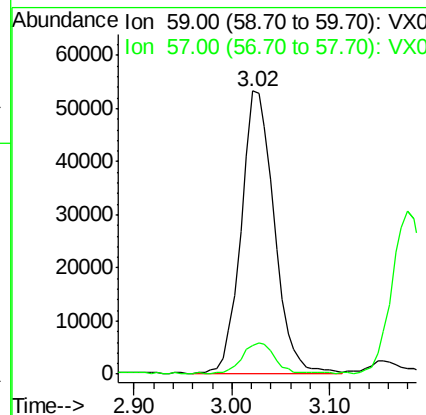
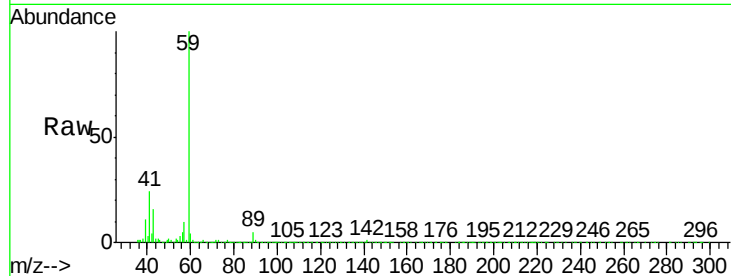
Tert butyl alcohol
Concen: 101.728 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.4	12.6

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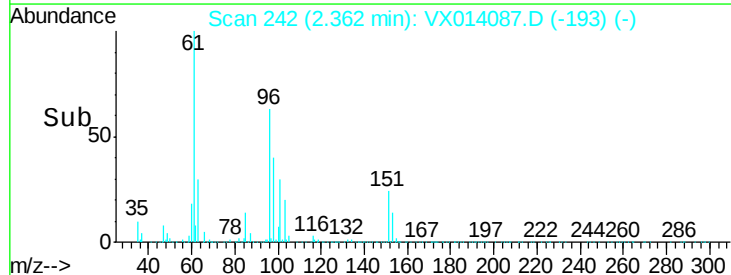
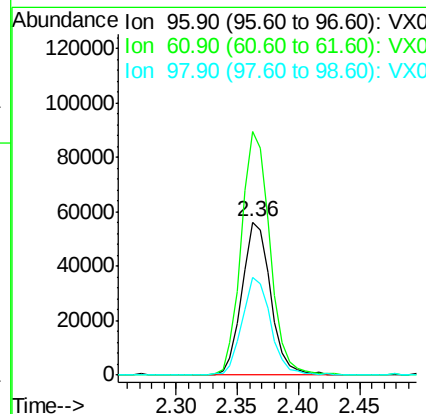
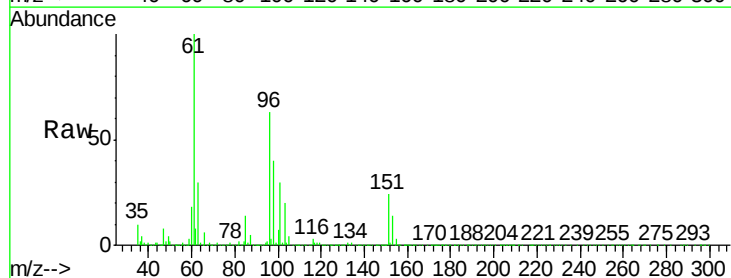
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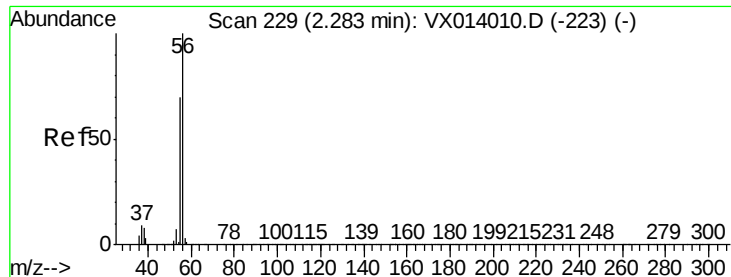


#12

1,1-Dichloroethene
Concen: 18.489 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.9	127.9	191.9
98	63.8	50.5	75.7





#13

Acrolein

Concen: 123.581 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion: 56 Resp: 87601

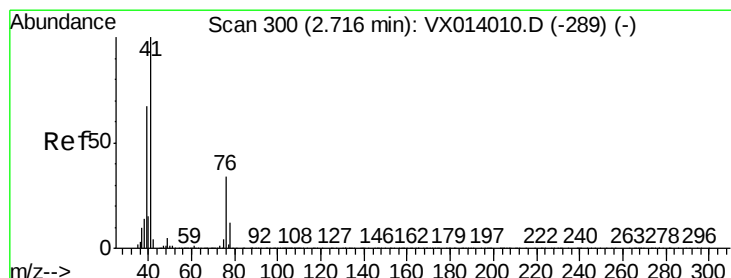
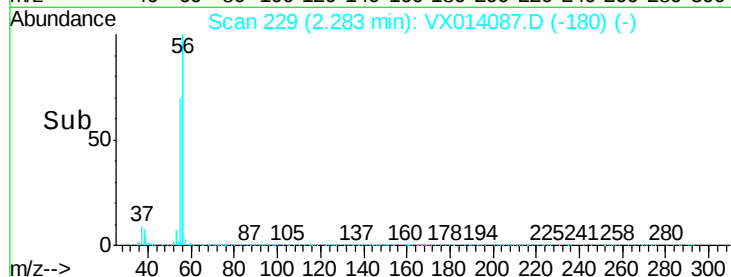
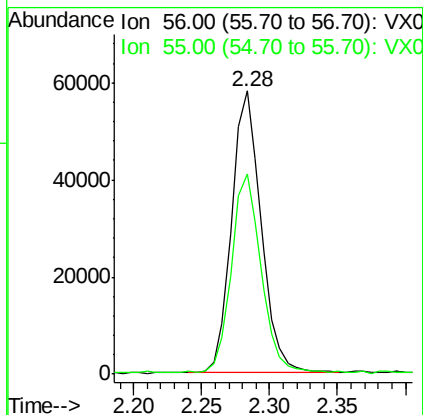
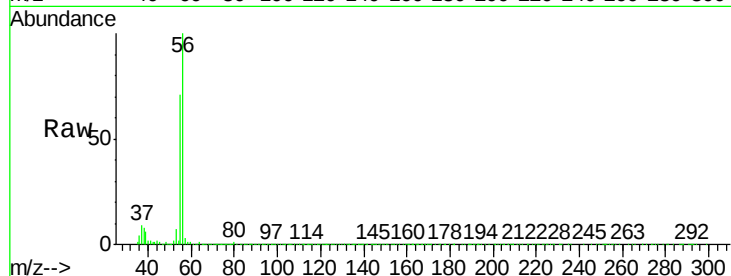
Ion Ratio Lower Upper

56 100

55 71.5 56.9 85.3

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#14

Allyl chloride

Concen: 19.314 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

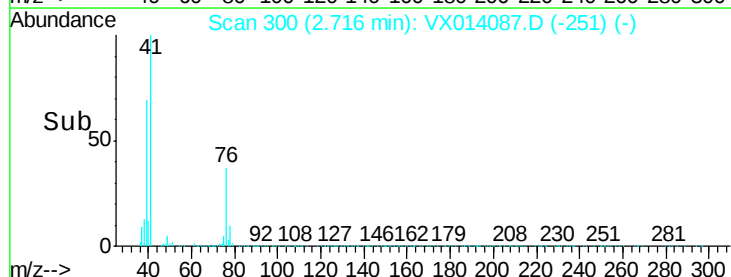
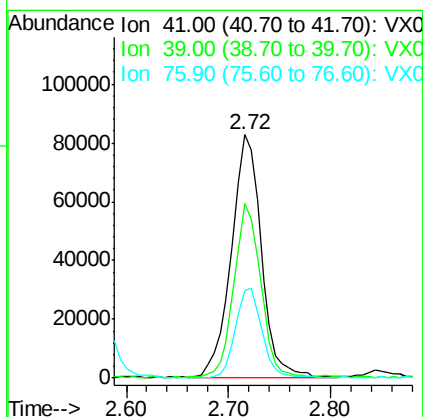
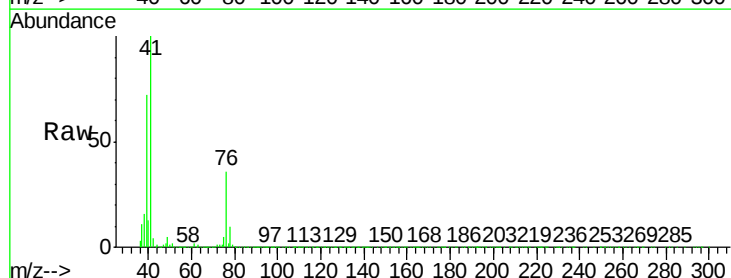
Tgt Ion: 41 Resp: 167737

Ion Ratio Lower Upper

41 100

39 63.9 51.8 77.8

76 32.4 25.9 38.9





#15

Acrylonitrile

Concen: 107.606 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

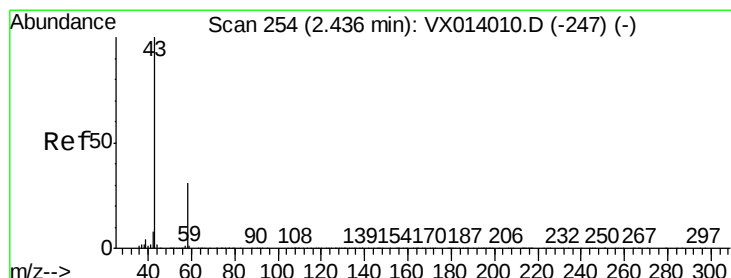
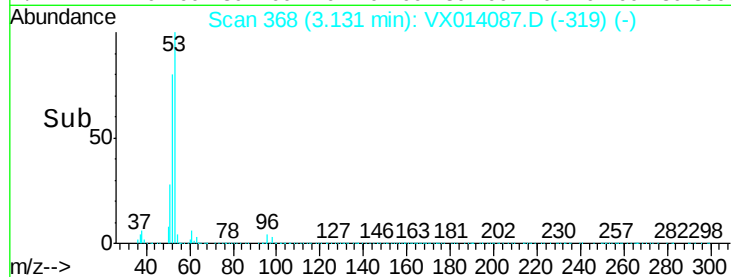
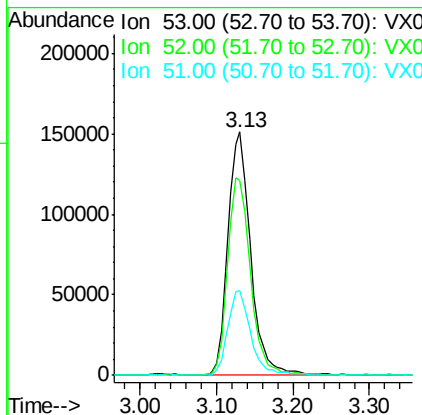
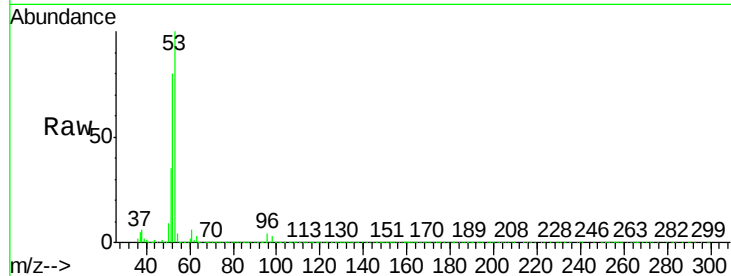
ClientSampleId :

VX1218WBSD01

Tot Ion:	53	Resp:	311018
Ion Ratio		Lower	Upper
53	100		
52	81.5	66.5	99.7
51	35.1	28.1	42.1

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#16

Acetone

Concen: 84.204 ug/l

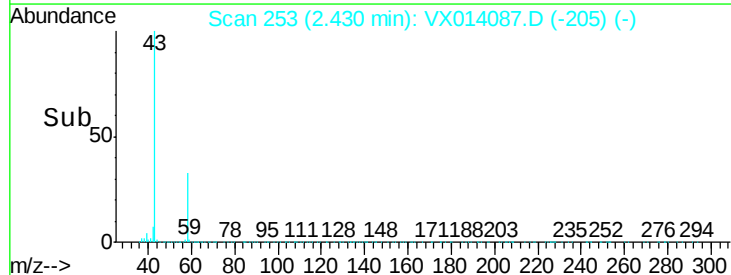
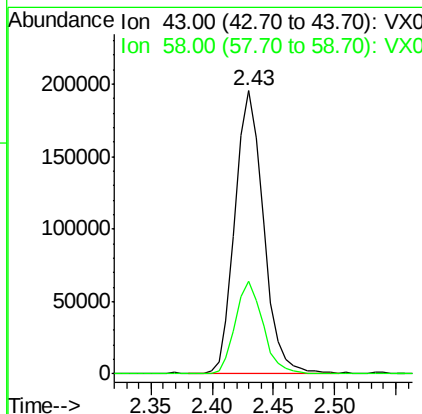
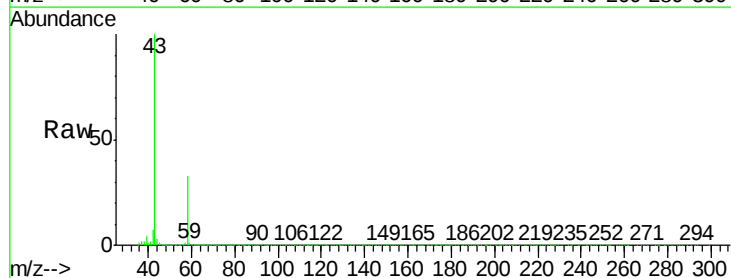
RT: 2.43 min Scan# 253

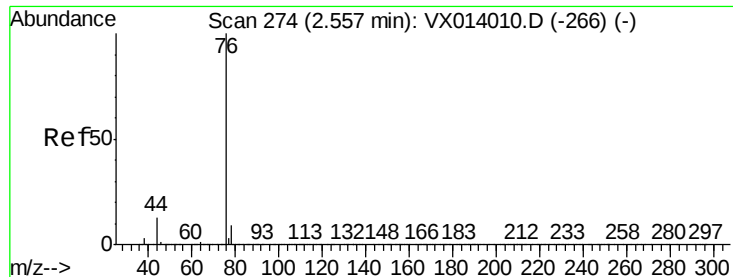
Delta R.T. -0.01 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Tgt Ion:	43	Resp:	313291
Ion Ratio		Lower	Upper
43	100		
58	32.8	24.9	37.3





#17

Carbon Disulfide

Concen: 18.601 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion: 76 Resp: 244715

Ion Ratio Lower Upper

76 100

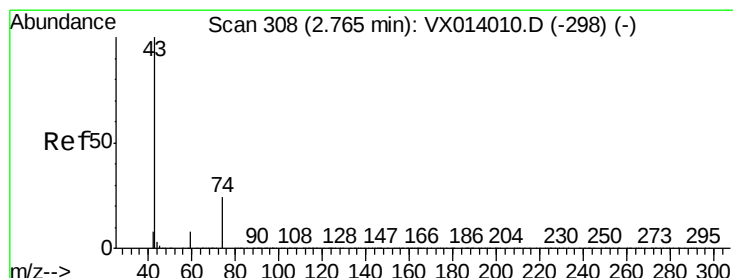
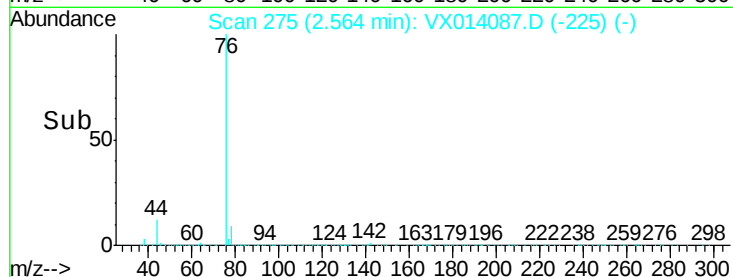
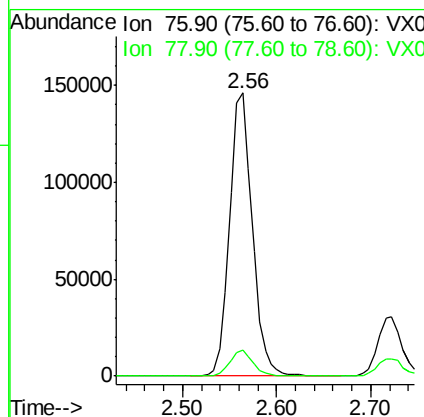
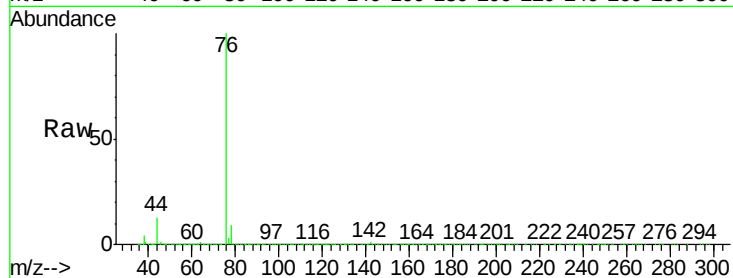
78 9.2 7.2 10.8

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#18

Methyl Acetate

Concen: 21.323 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014087.D

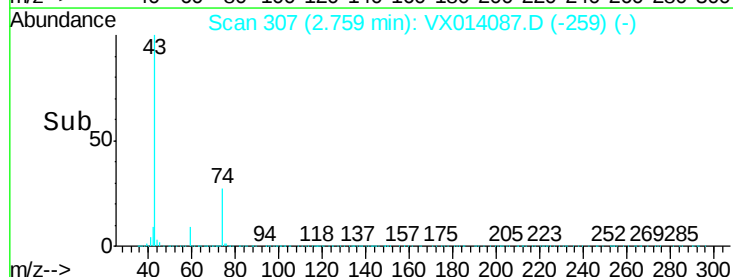
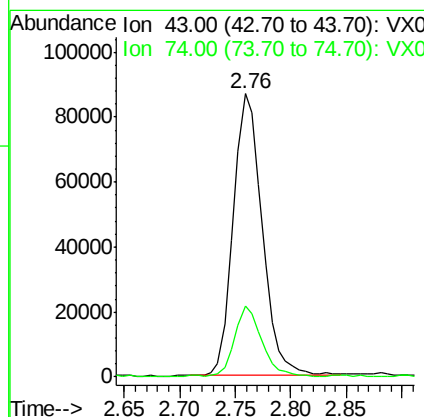
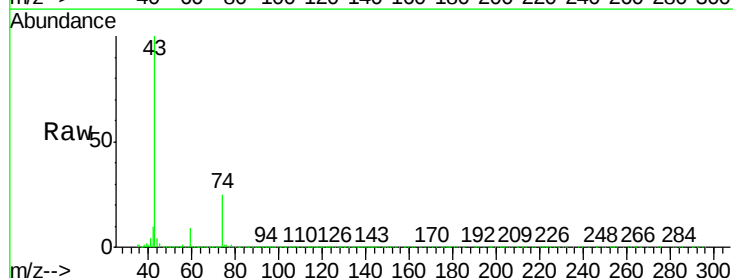
Acq: 18 Dec 2019 11:31

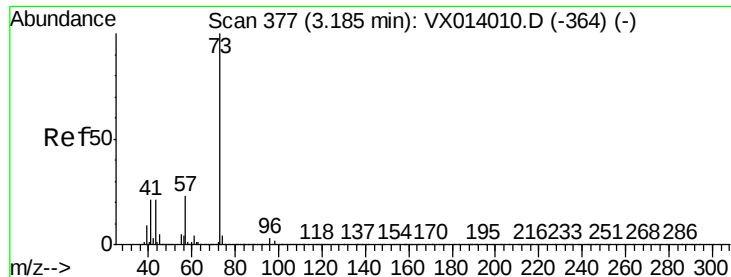
Tgt Ion: 43 Resp: 157206

Ion Ratio Lower Upper

43 100

74 22.7 19.5 29.3





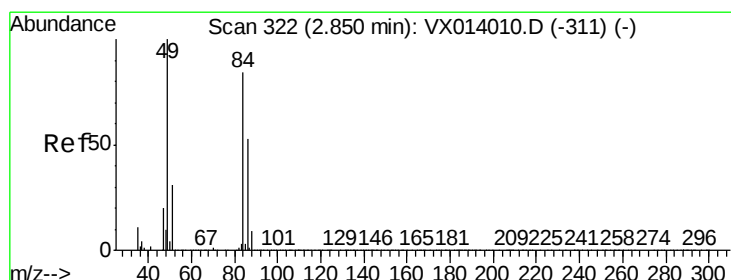
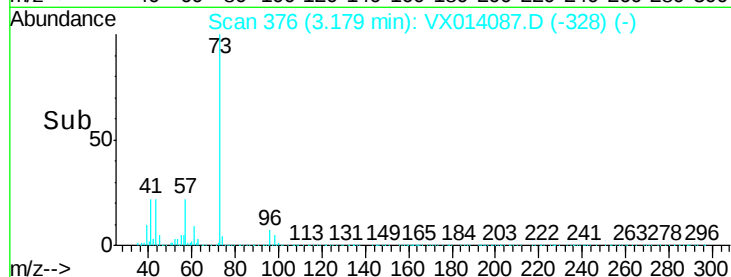
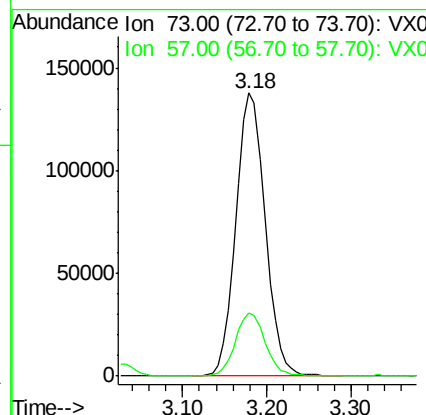
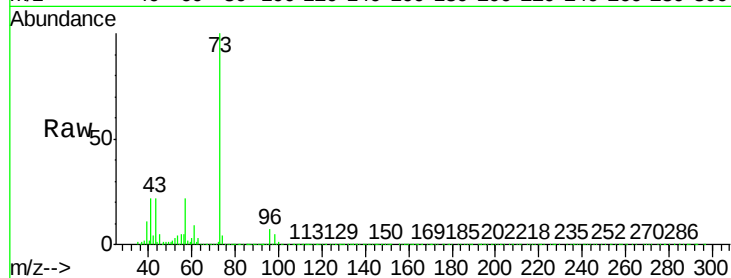
#19
Methyl tert-butyl Ether
Concen: 20.224 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	18.8	28.2

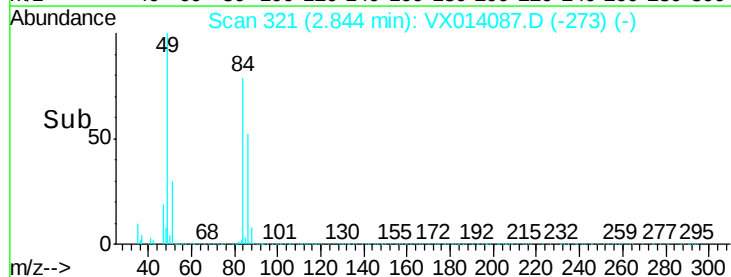
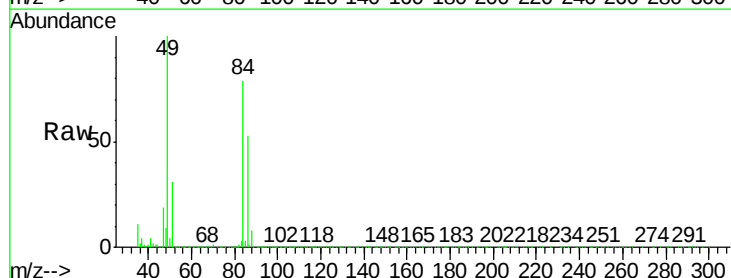
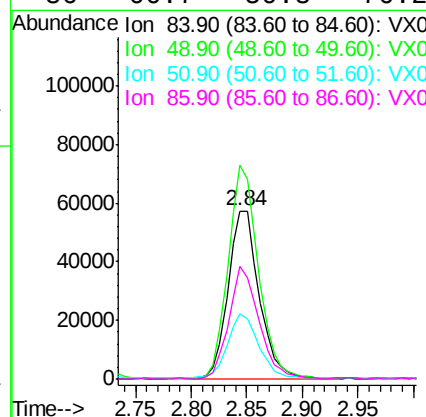
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#20
Methylene Chloride
Concen: 18.787 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.0	95.8	143.6
51	38.6	29.8	44.8
86	66.7	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 18.687 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

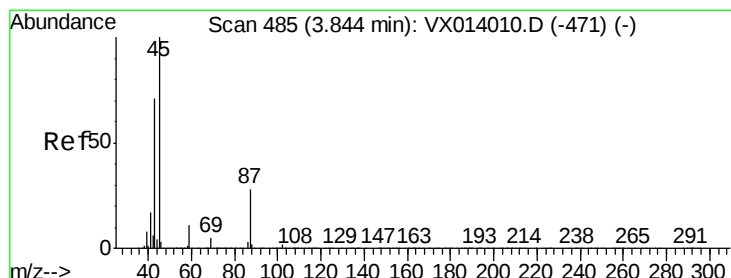
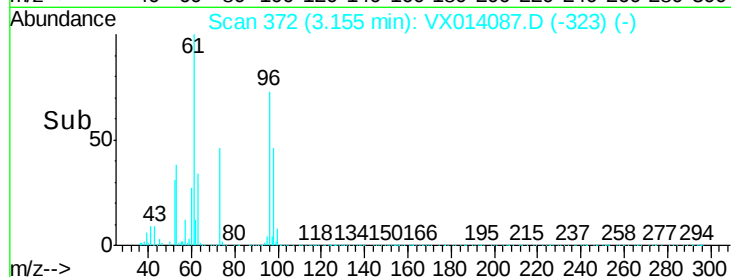
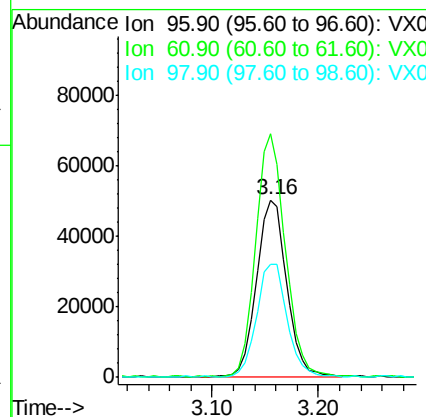
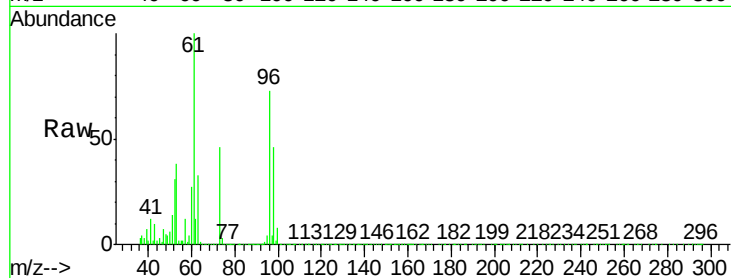
ClientSampleId :

VX1218WBSD01

Tot Ion:	96	Resp:	100140
Ion	Ratio	Lower	Upper
96	100		
61	136.9	108.3	162.5
98	63.2	50.8	76.2

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#22

Diisopropyl ether

Concen: 20.402 ug/l

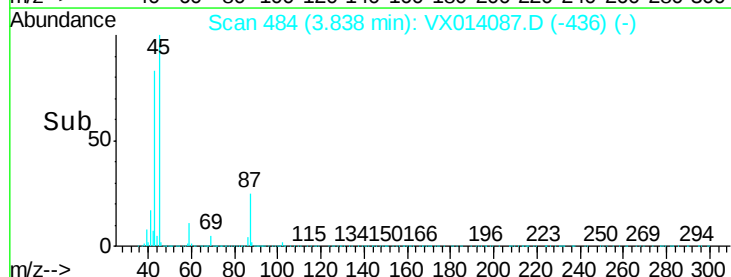
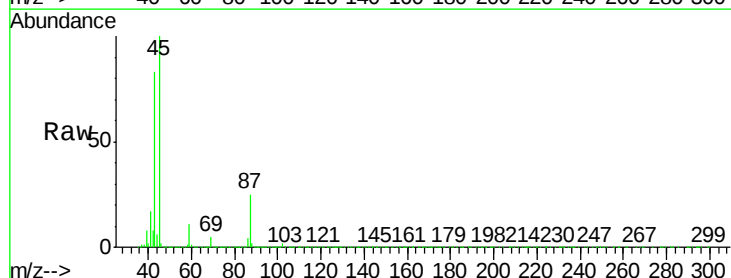
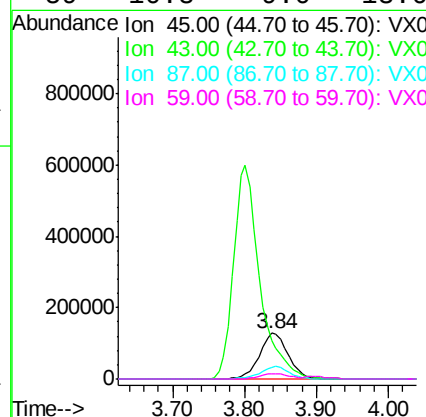
RT: 3.84 min Scan# 484

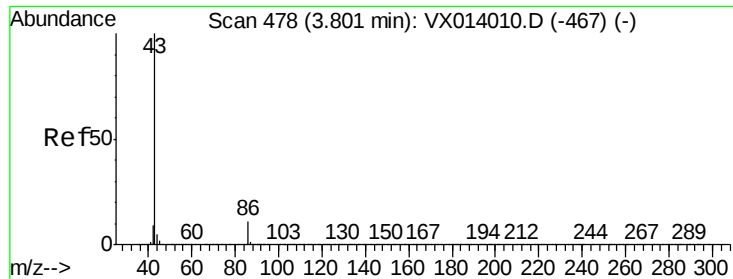
Delta R.T. -0.01 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Tgt Ion:	45	Resp:	353092
Ion	Ratio	Lower	Upper
45	100		
43	82.8	57.4	86.0
87	25.3	21.9	32.9
59	10.8	9.0	13.6





#23

Vinyl Acetate

Concen: 108.009 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion: 43 Resp: 1525423

Ion Ratio Lower Upper

43 100

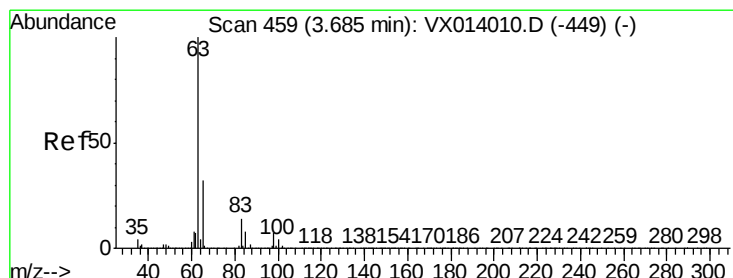
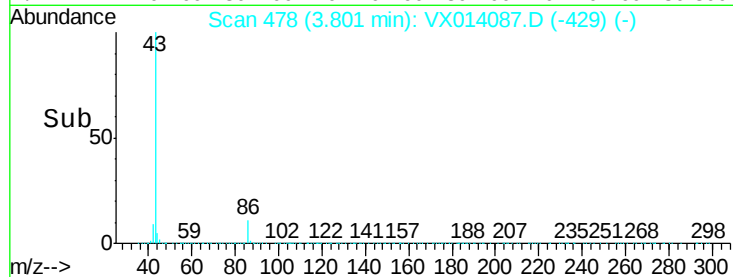
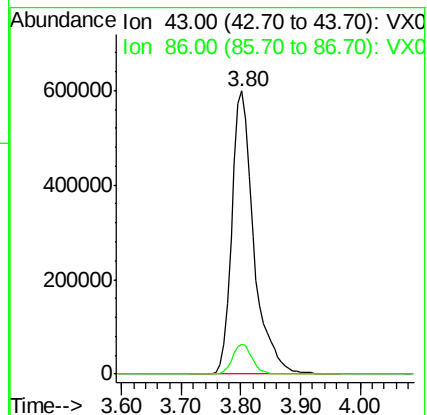
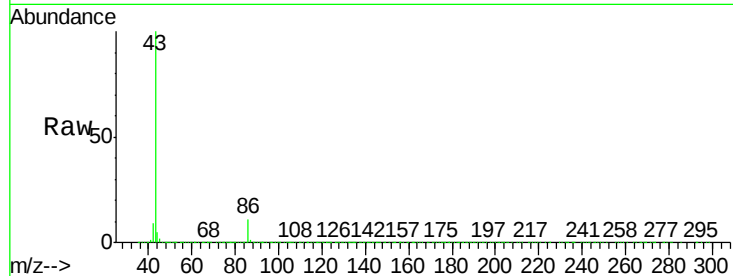
86 10.8 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 18.975 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

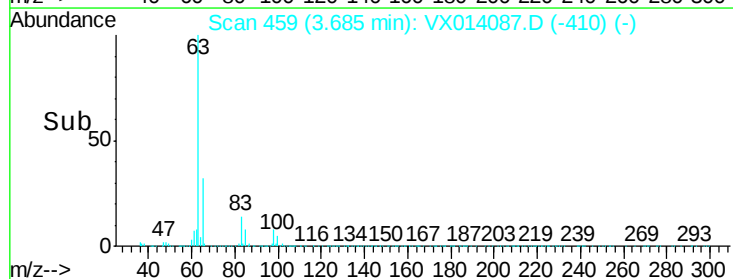
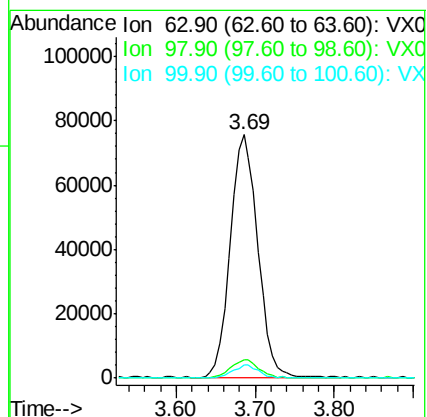
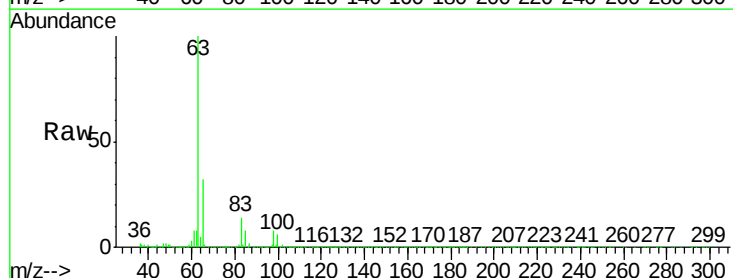
Tgt Ion: 63 Resp: 182706

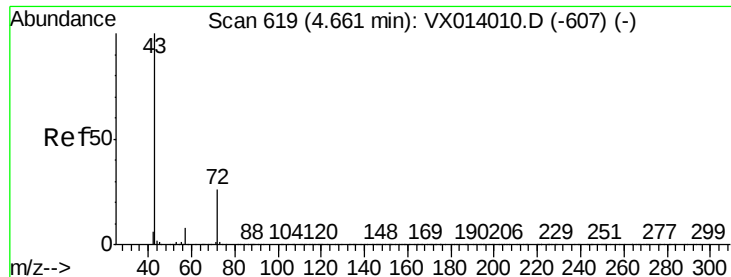
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 5.4 2.3 6.8





#25

2-Butanone

Concen: 98.298 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Tot Ion: 43 Resp: 450901

Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

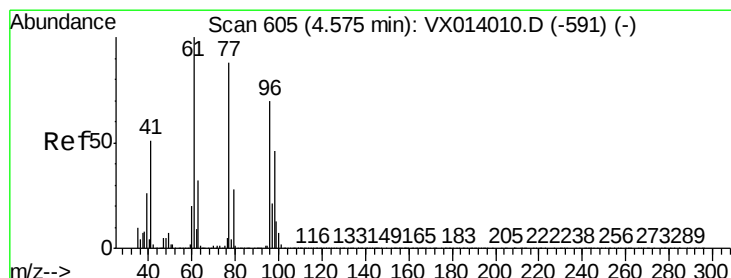
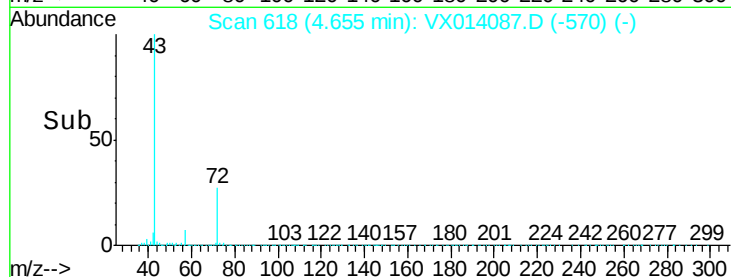
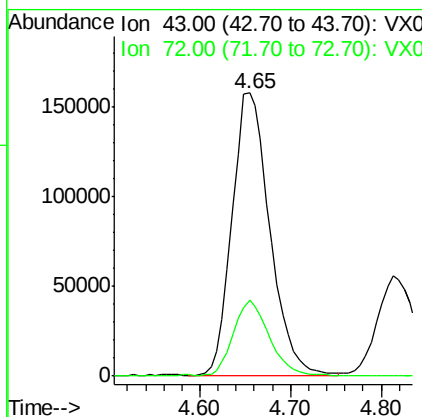
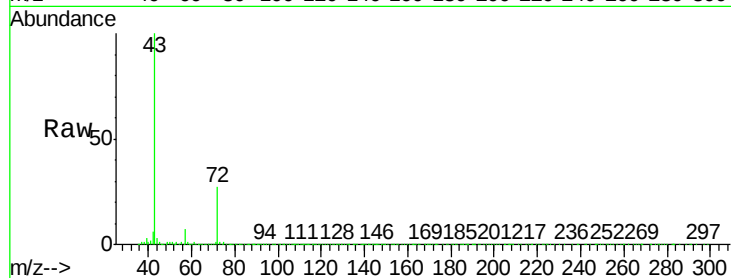
VX1218WBSD01

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#26

2,2-Dichloropropane

Concen: 18.519 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014087.D

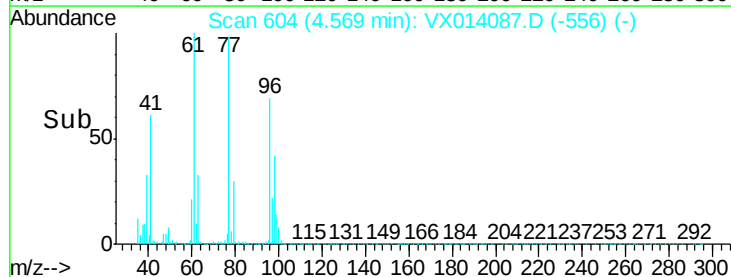
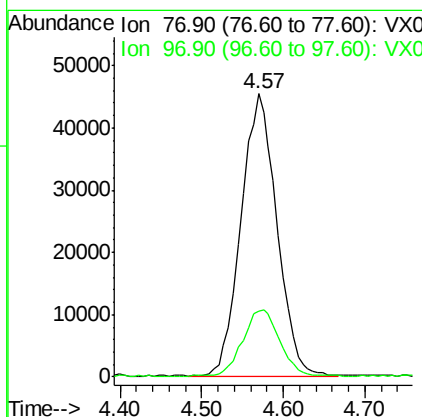
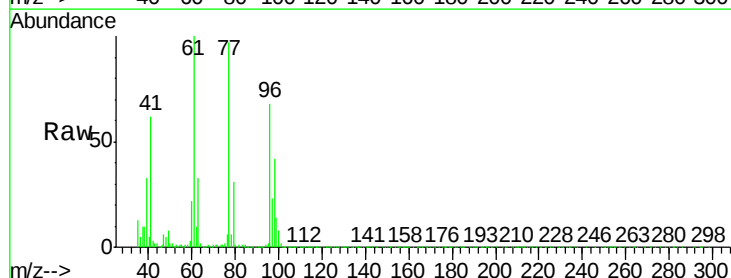
Acq: 18 Dec 2019 11:31

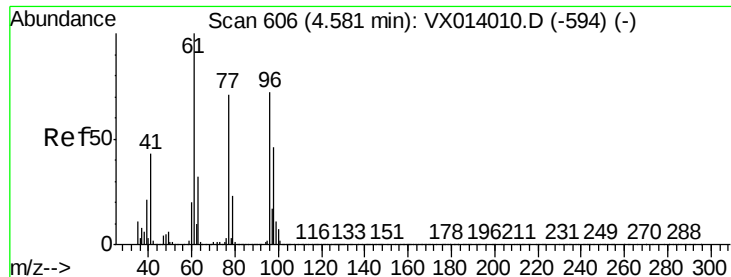
Tgt Ion: 77 Resp: 138442

Ion Ratio Lower Upper

77 100

97 24.3 11.9 35.9





#27

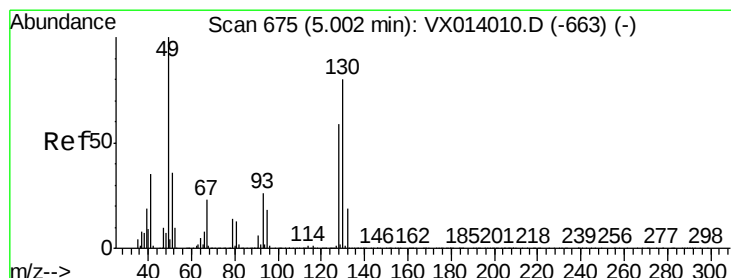
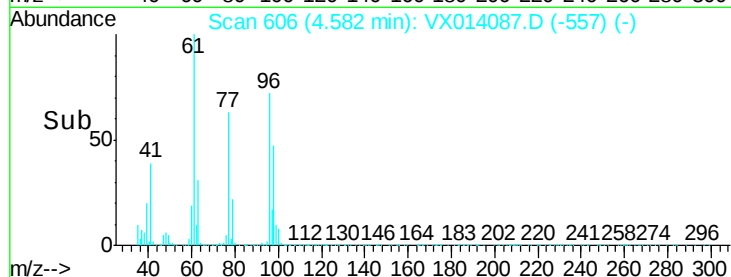
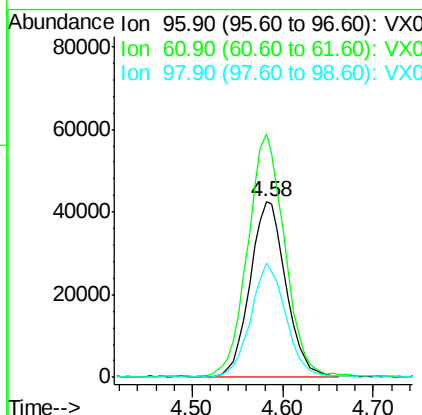
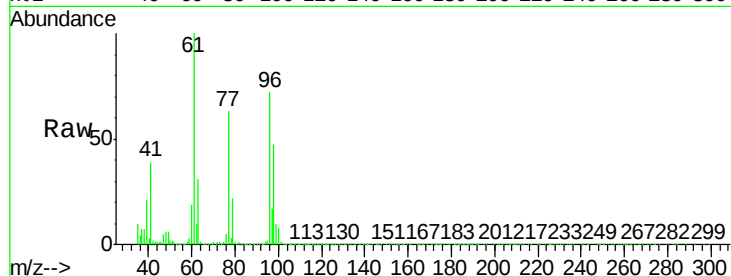
cis-1,2-Dichloroethene
Concen: 19.187 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	116284		
61	142.2	0.0	288.4	
98	64.1	0.0	129.6	

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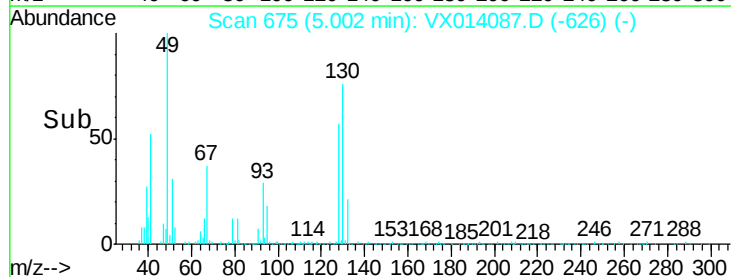
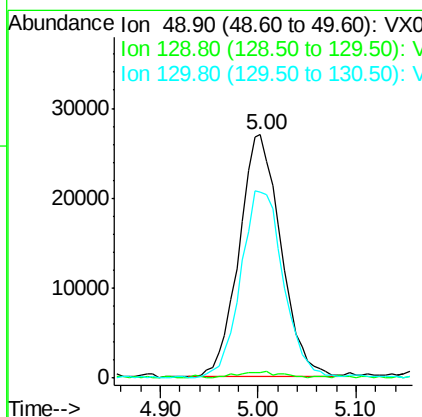
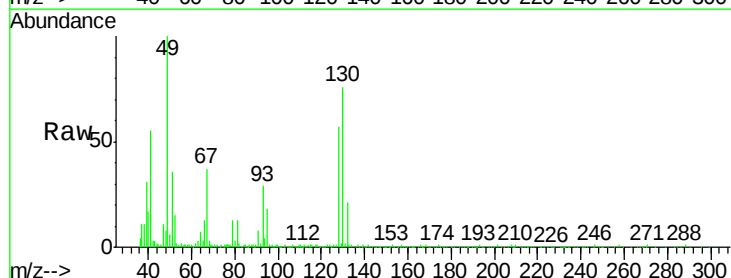
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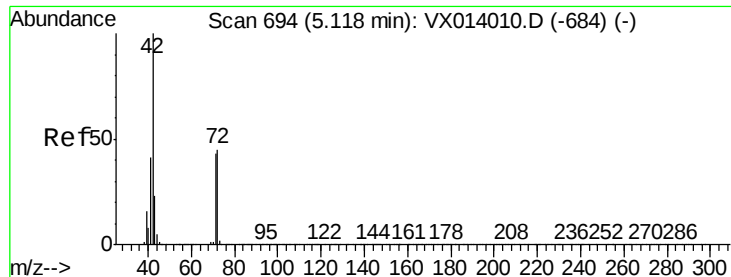


#28

Bromochloromethane
Concen: 21.736 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	79532		
129	3.0	0.0	5.0	
130	78.5	64.6	97.0	





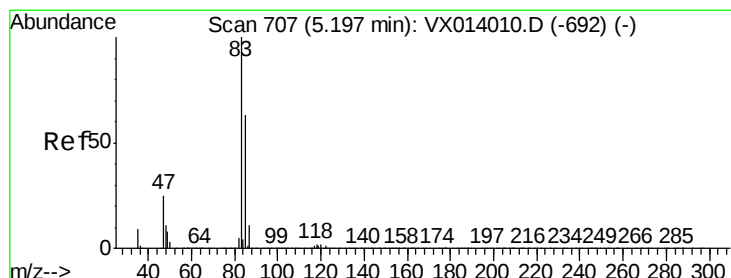
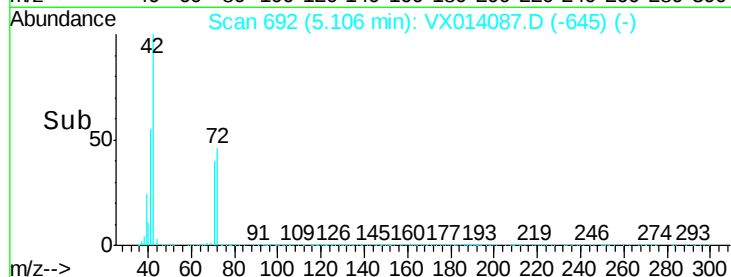
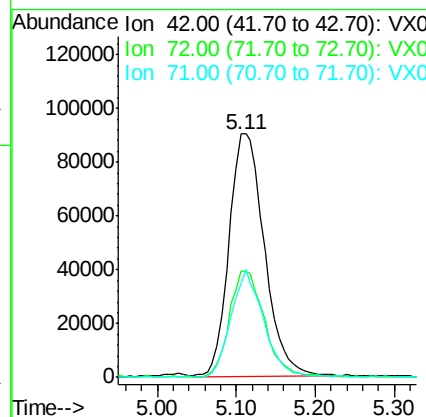
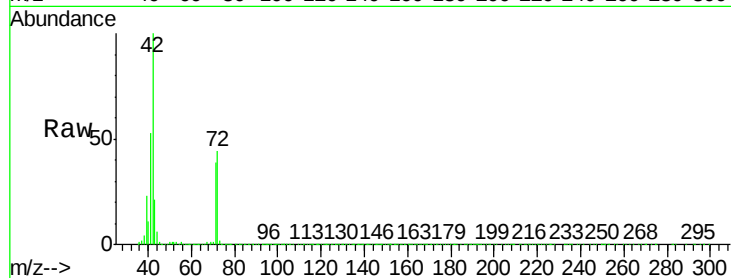
#29
Tetrahydrofuran
Concen: 109.479 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
72	43.4	35.8	53.8		
71	40.9	33.6	50.4		

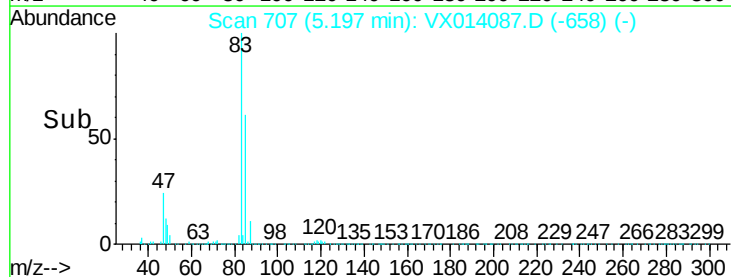
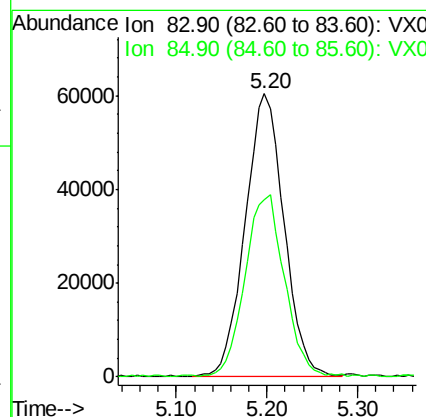
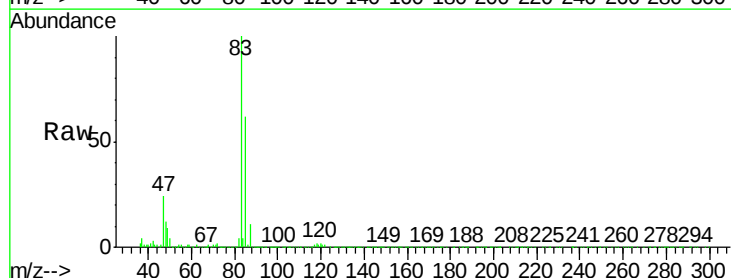
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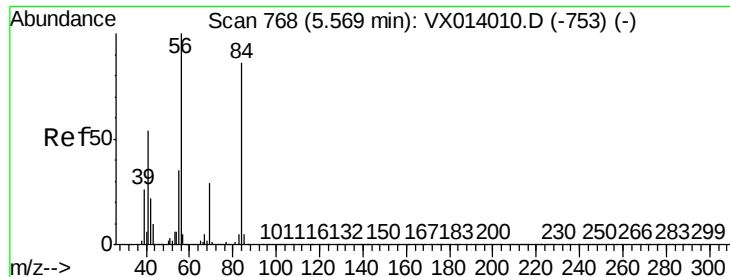
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#30
Chloroform
Concen: 19.575 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
85	62.1	50.8	76.2		





#31

Cyclohexane

Concen: 19.275 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

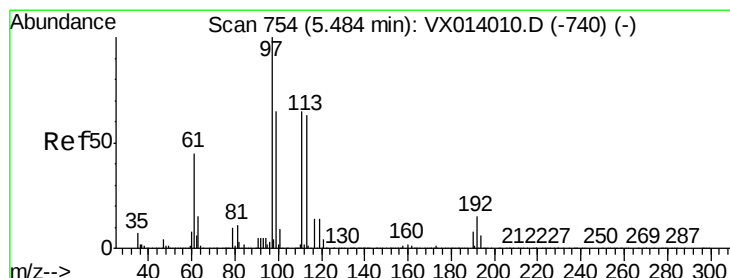
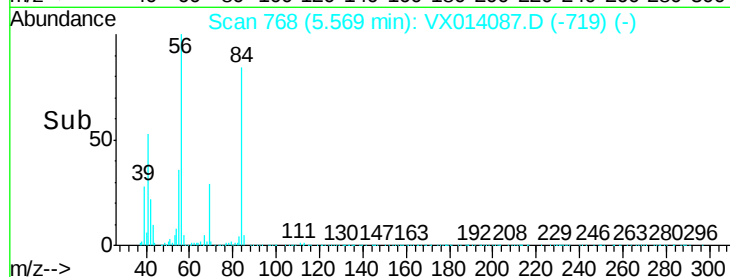
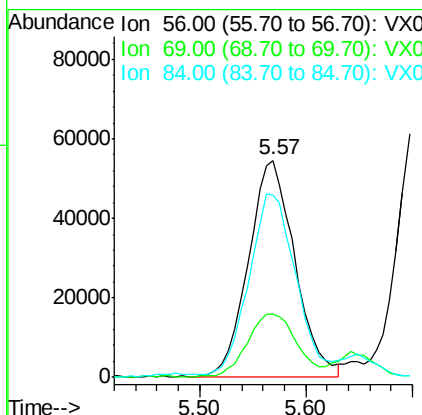
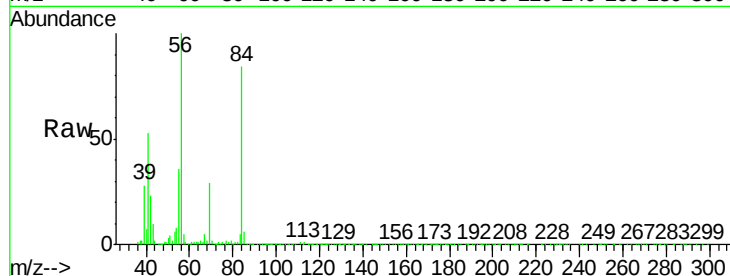
ClientSampleId :

VX1218WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	29.1	23.2	34.8	
84	82.4	69.2	103.8	

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#32

1,1,1-Trichloroethane

Concen: 18.572 ug/l

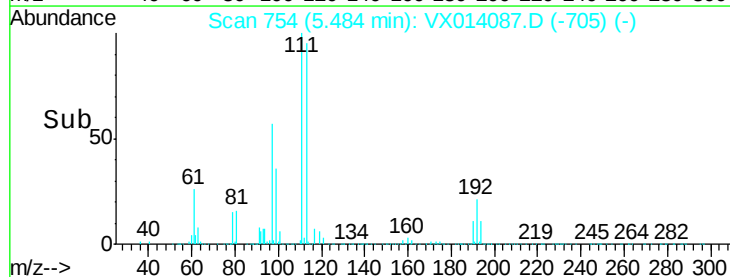
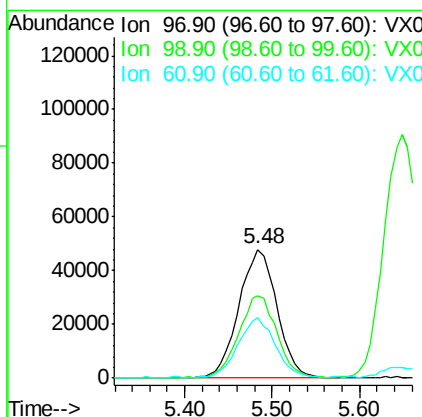
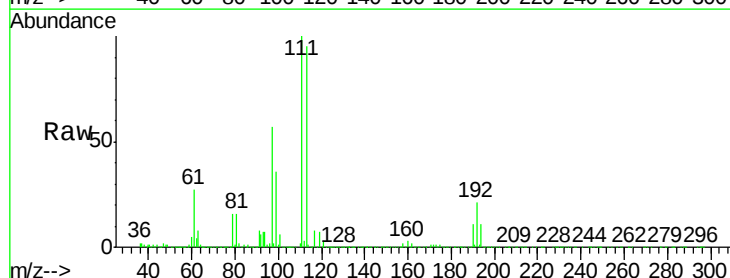
RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	63.3	52.0	78.0	
61	45.6	36.7	55.1	





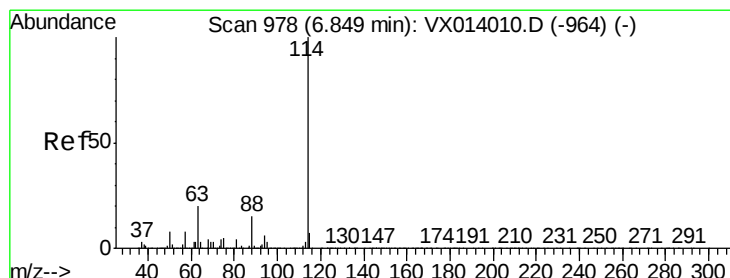
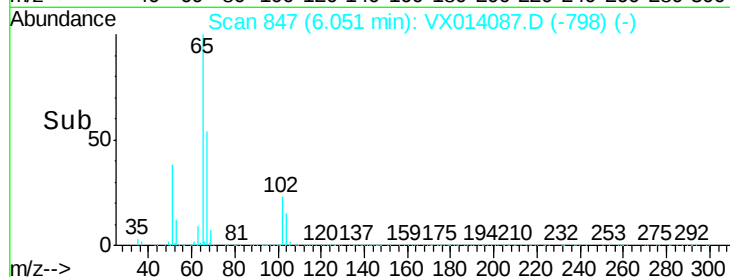
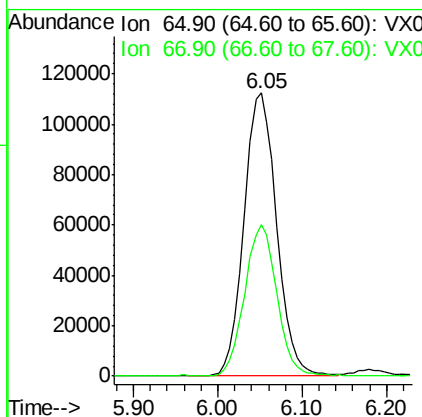
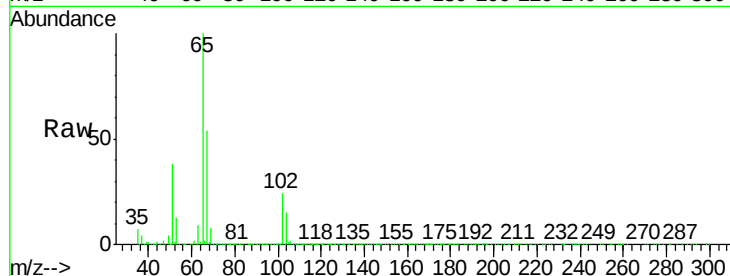
#33
 1,2-Dichloroethane-d4
 Concen: 51.362 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014087.D
 Acq: 18 Dec 2019 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBSD01

Tot Ion	Ratio	Resp Lower	Upper
65	100		
67	52.5	0.0	106.4

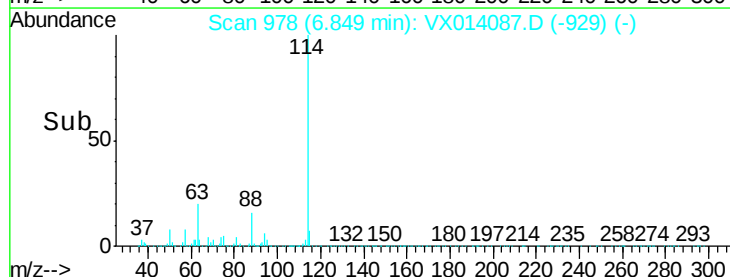
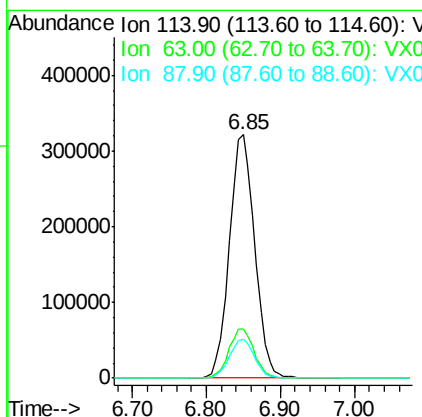
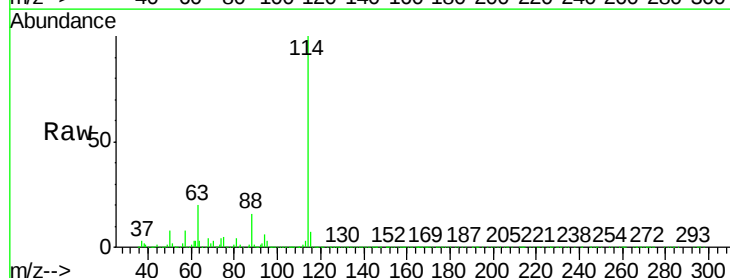
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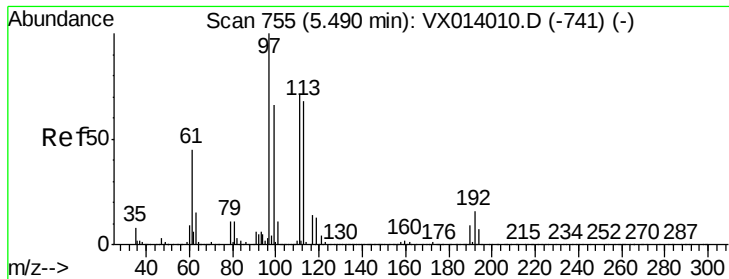
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014087.D
 Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Resp Lower	Upper
114	100		
63	19.9	0.0	40.8
88	15.7	0.0	30.4





#35

Dibromofluoromethane

Concen: 50.737 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

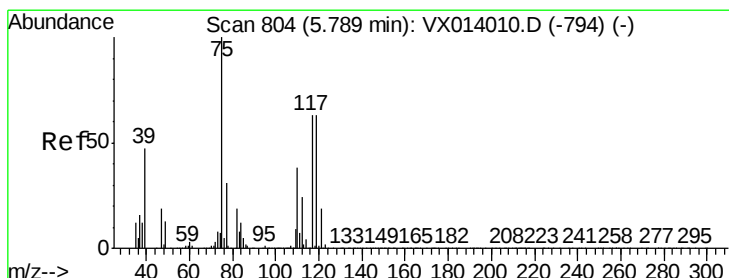
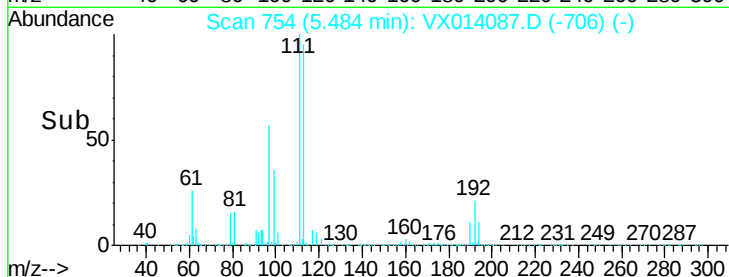
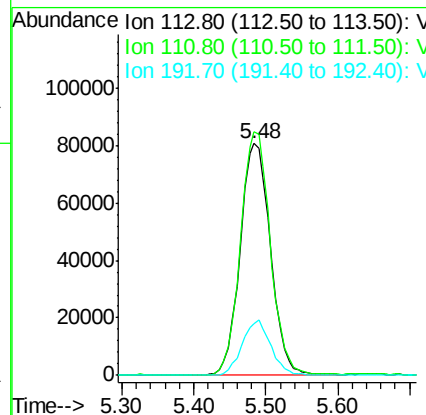
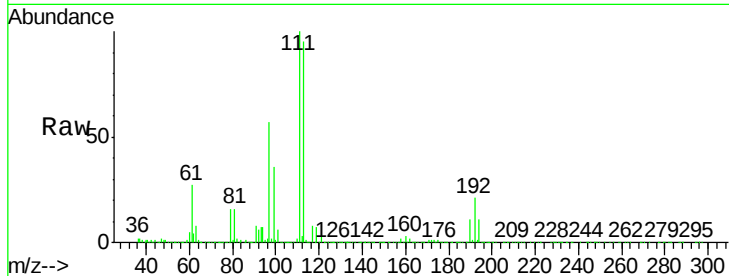
ClientSampleId :

VX1218WBSD01

Tot Ion:	113	Resp:	236207
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.0	123.0
192	22.7	19.3	28.9

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#36

1,1-Dichloropropene

Concen: 18.712 ug/l

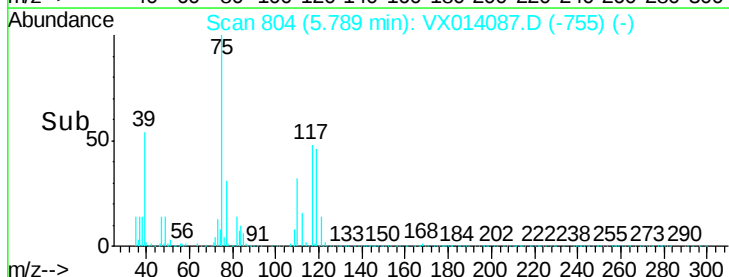
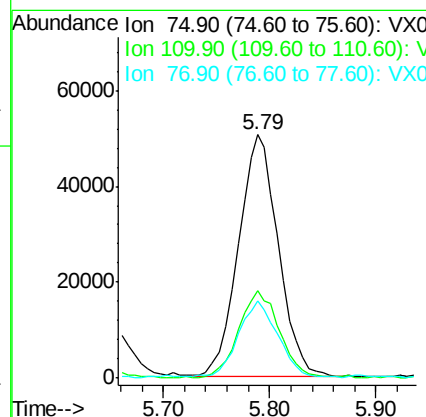
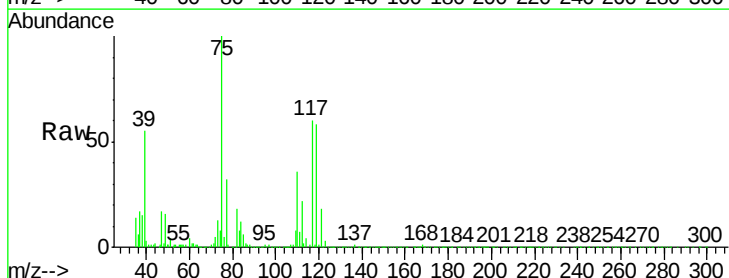
RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Tgt Ion:	75	Resp:	131493
Ion Ratio	Lower	Upper	
75	100		
110	37.1	18.3	54.9
77	31.5	24.8	37.2





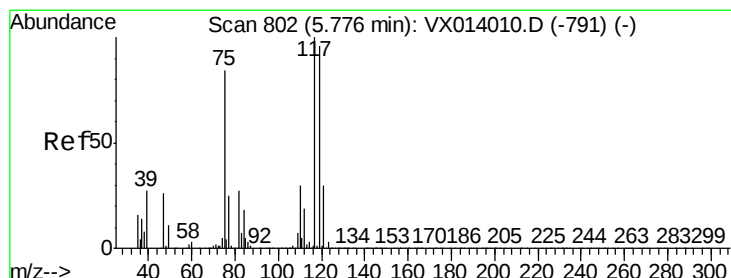
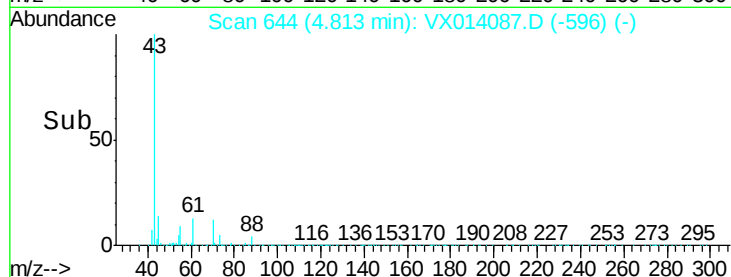
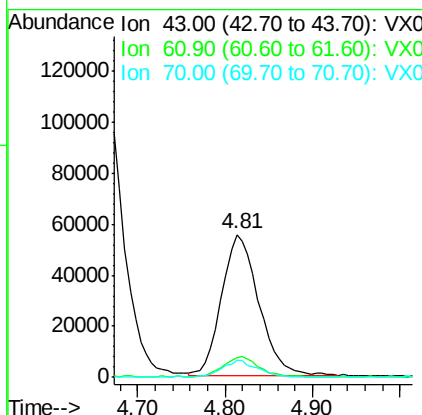
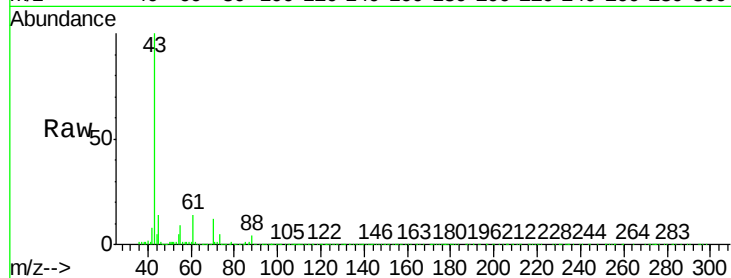
#37
Ethyl Acetate
Concen: 21.029 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	43	Resp	163182
Ion Ratio	Lower	Upper	
43	100		
61	15.4	10.8	16.2
70	10.9	8.6	12.8

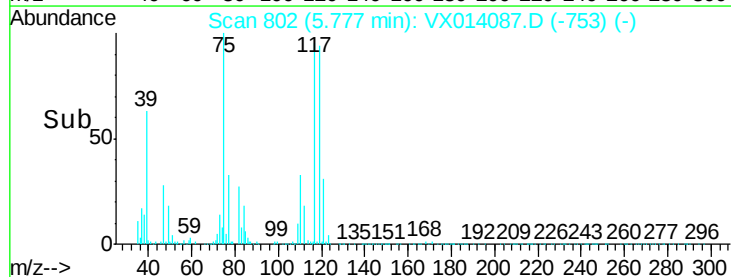
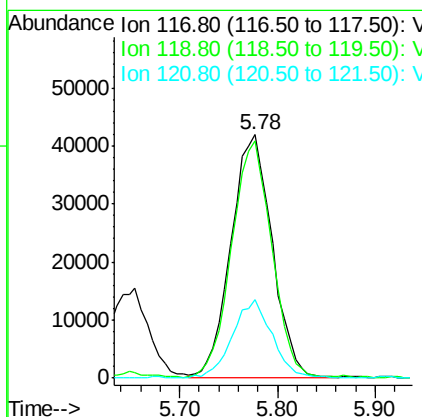
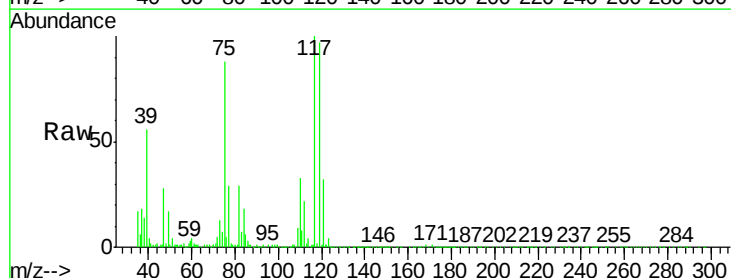
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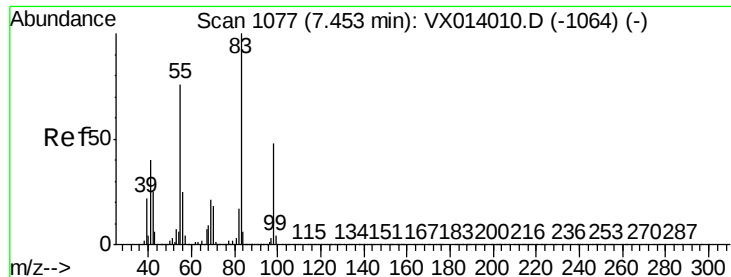
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#38
Carbon Tetrachloride
Concen: 19.069 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	117	Resp	122071
Ion Ratio	Lower	Upper	
117	100		
119	97.0	76.2	114.4
121	32.1	23.6	35.4





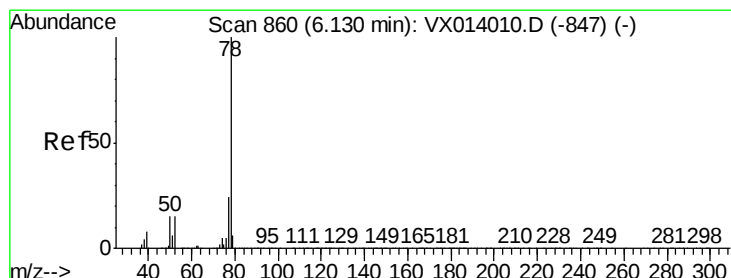
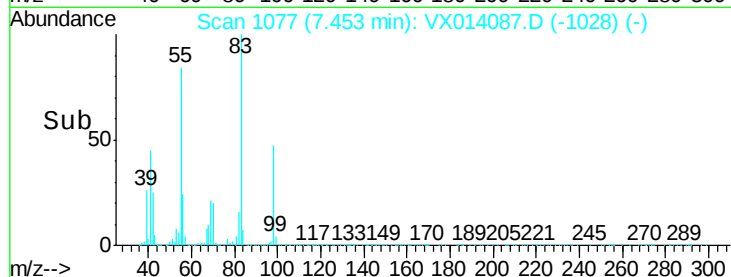
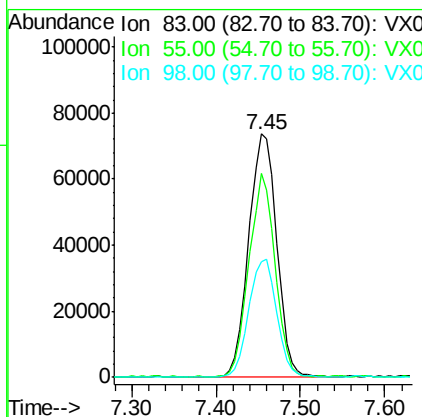
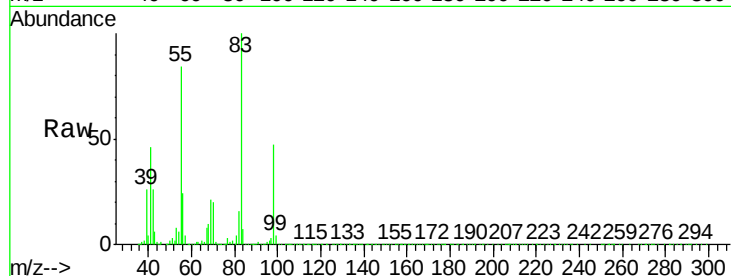
#39
Methvlcvclohexane
Concen: 19.133 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	166014		
55	83.7	61.0	91.6	
98	47.1	38.6	57.8	

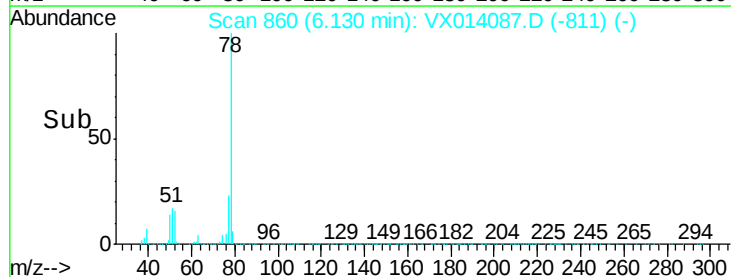
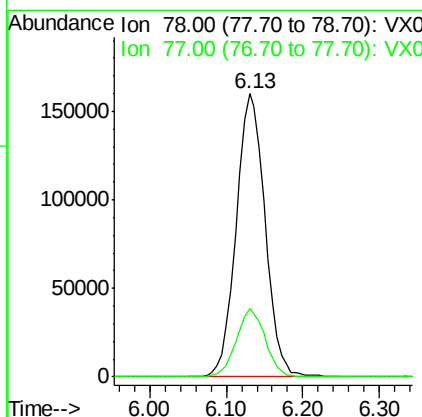
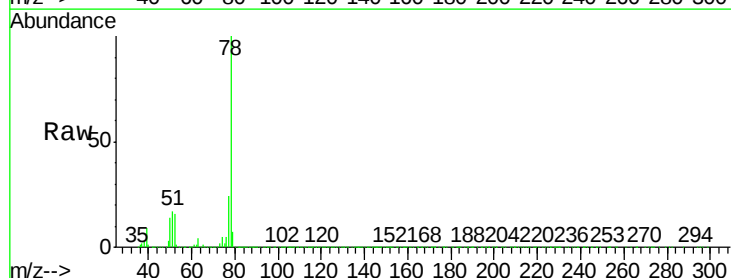
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#40
Benzene
Concen: 19.247 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	416151		
77	24.1	18.8	28.2	





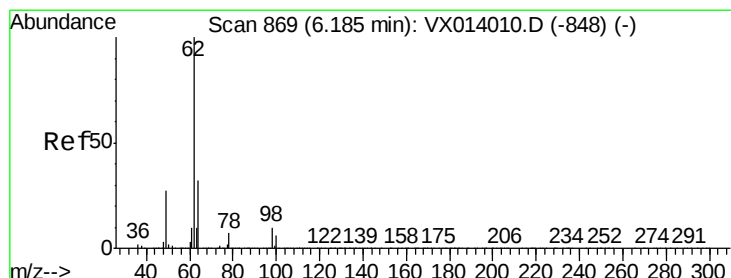
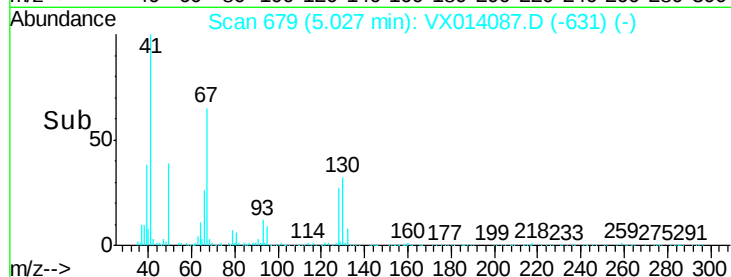
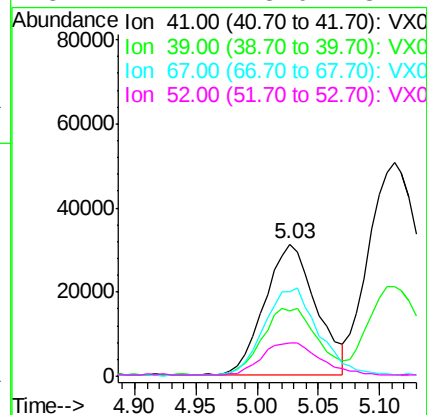
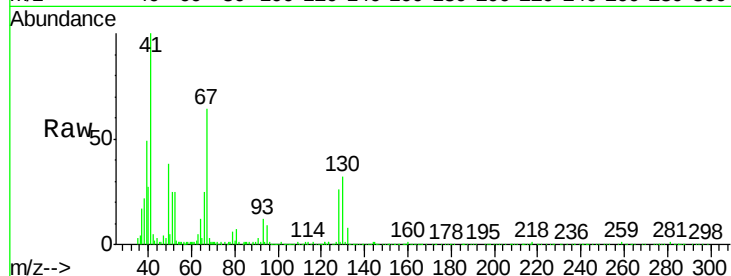
#41
Methacrylonitrile
Concen: 21.299 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.7	44.5	66.7		
67	71.1	57.4	86.0		
52	27.7	23.0	34.4		

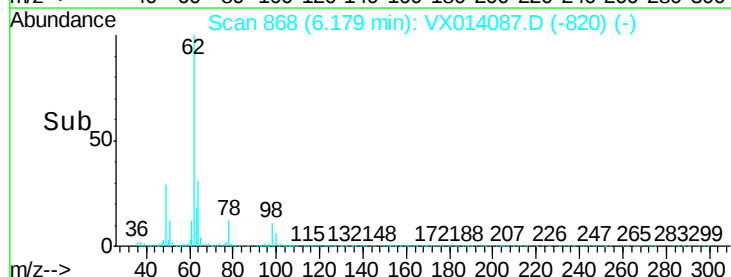
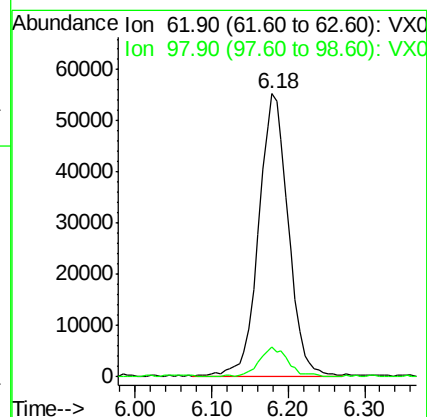
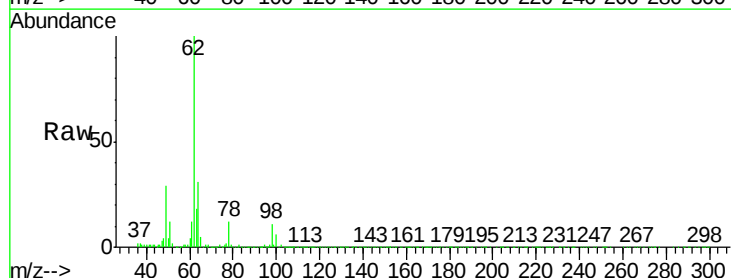
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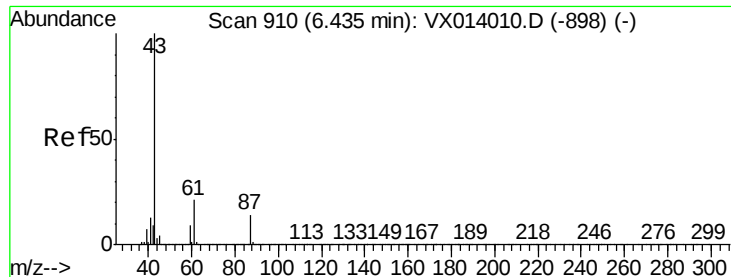
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#42
1,2-Dichloroethane
Concen: 20.250 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.5	0.0	21.0		





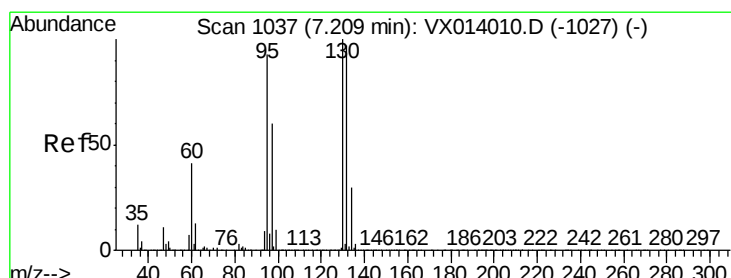
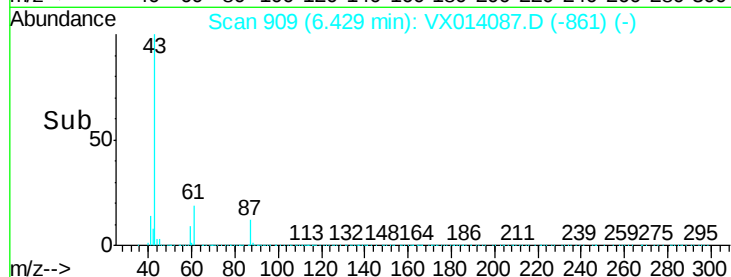
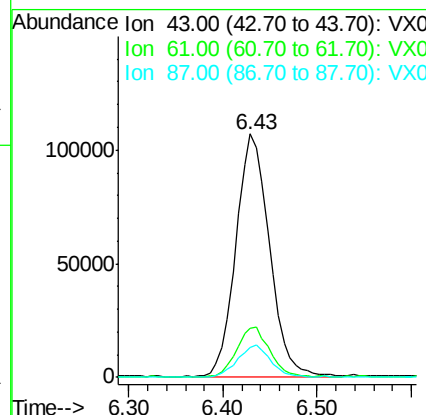
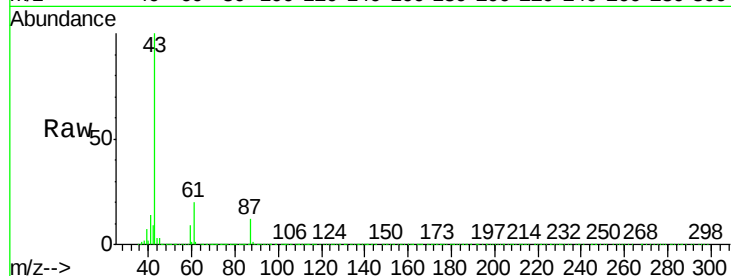
#43
Isopropyl Acetate
Concen: 20.661 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.4	24.6
87	13.0	10.7	16.1

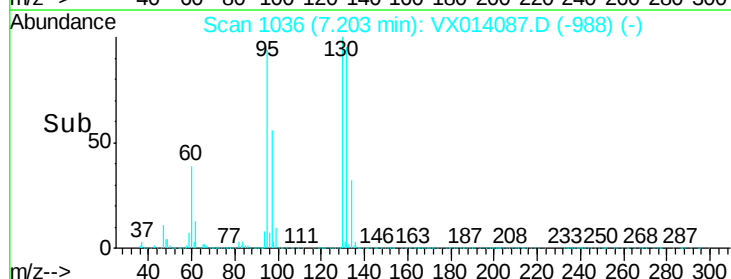
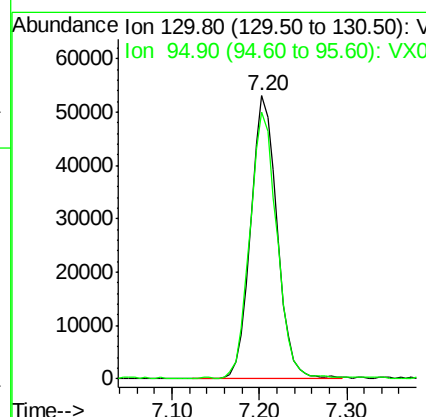
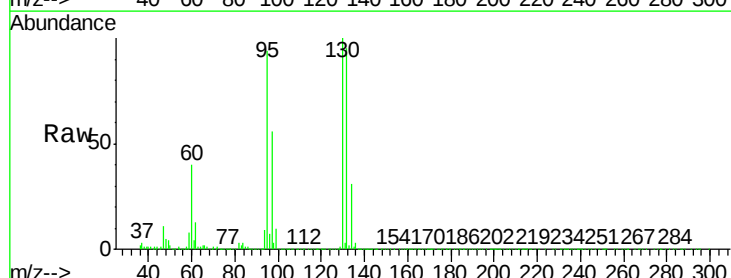
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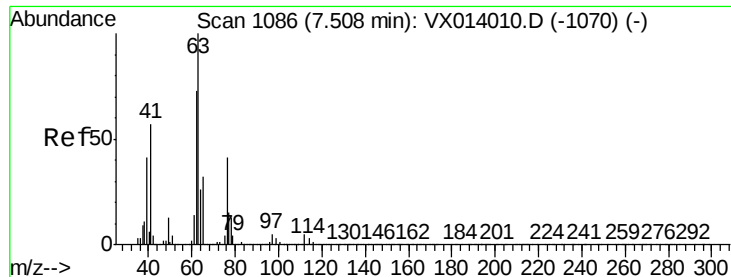
apatel
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#44
Trichloroethene
Concen: 18.606 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	185.6





#45

1,2-Dichloropropane

Concen: 20.136 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion: 63 Resp: 111591

Ion Ratio Lower Upper

63 100

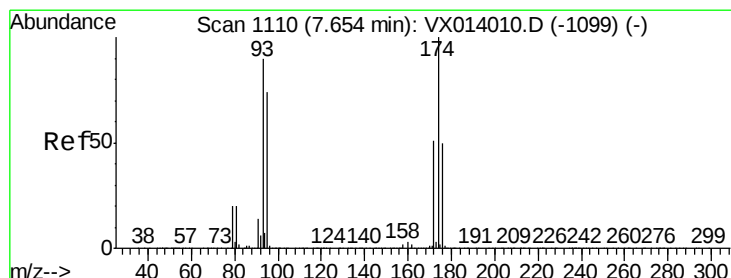
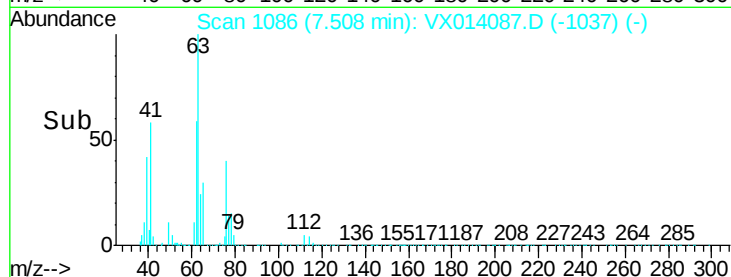
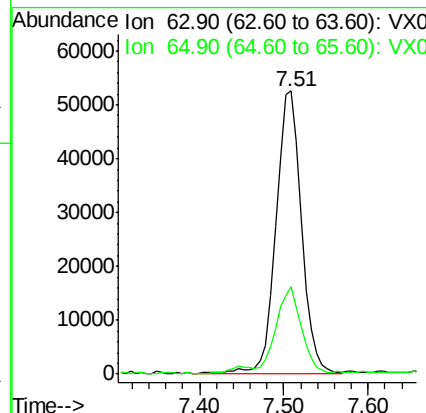
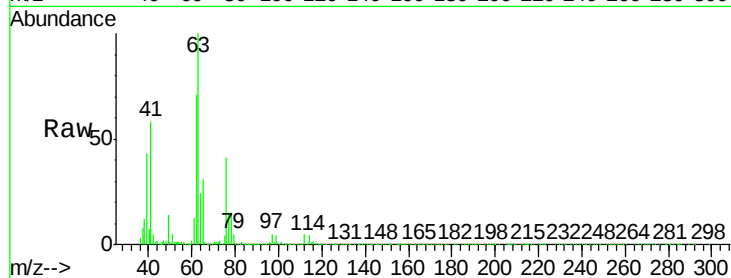
65 30.7 25.8 38.8

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#46

Dibromomethane

Concen: 19.521 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

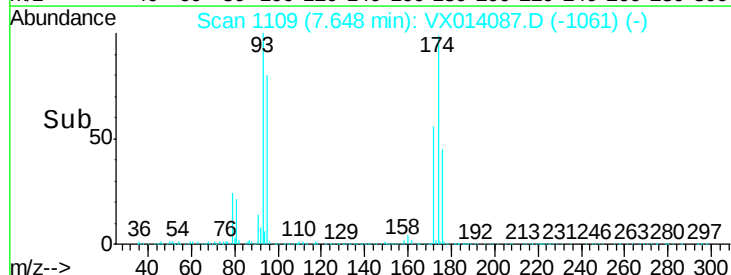
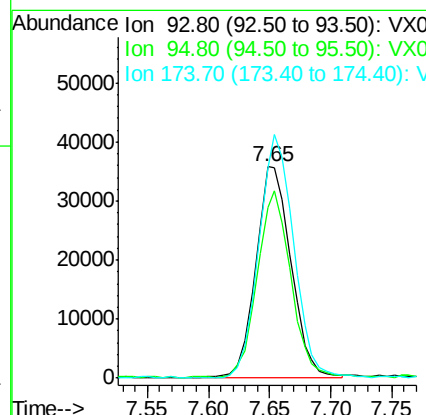
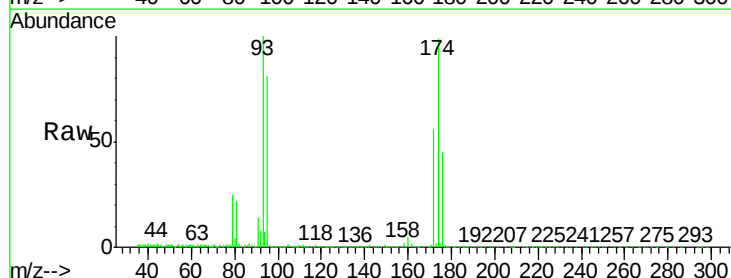
Tgt Ion: 93 Resp: 71526

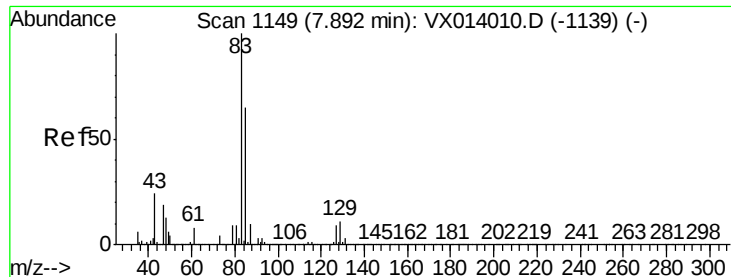
Ion Ratio Lower Upper

93 100

95 86.8 67.3 100.9

174 115.1 91.6 137.4





#47

Bromodichloromethane

Concen: 19.752 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

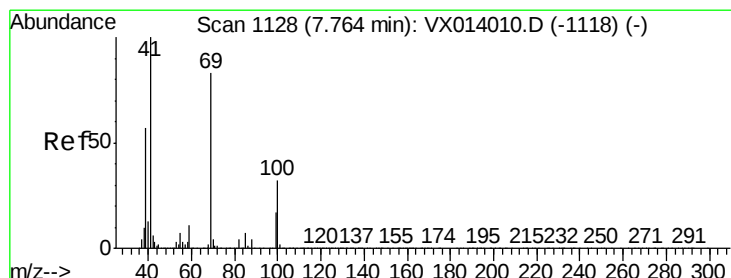
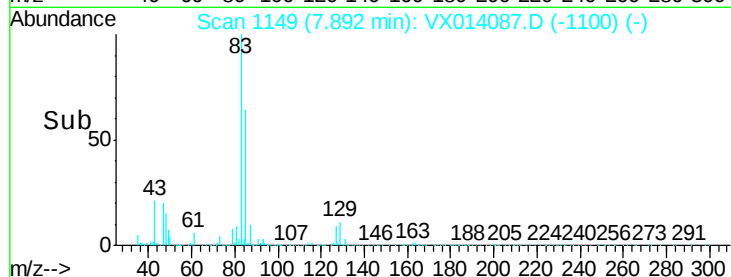
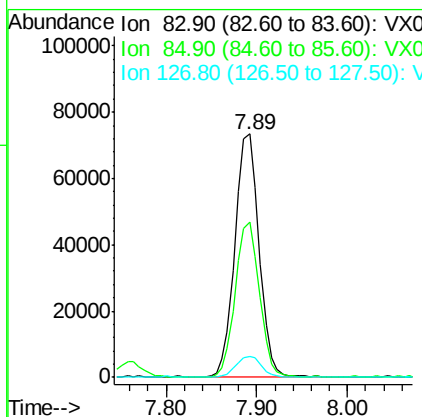
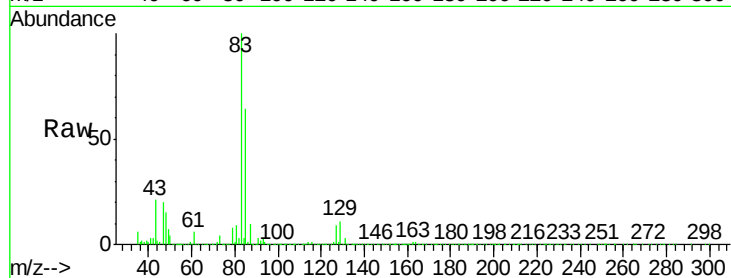
ClientSampleId :

VX1218WBSD01

Tot Ion:	83	Resp:	136303
Ion Ratio	Lower	Upper	
83	100		
85	63.9	51.8	77.8
127	8.4	7.0	10.4

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#48

Methyl methacrylate

Concen: 20.572 ug/l

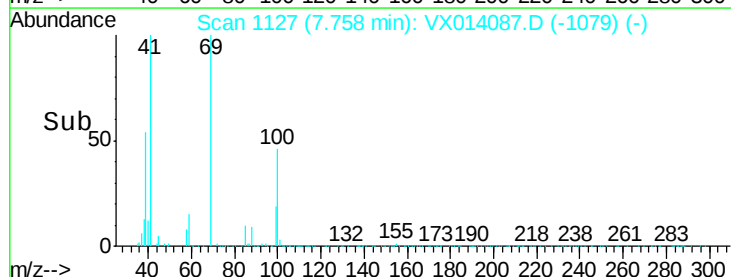
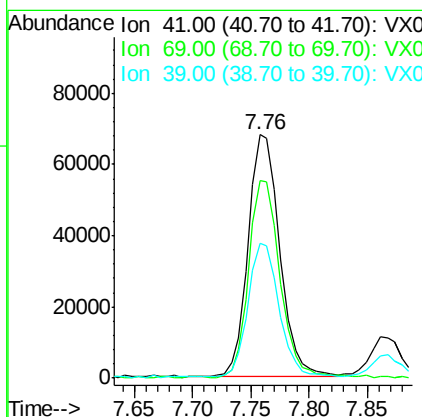
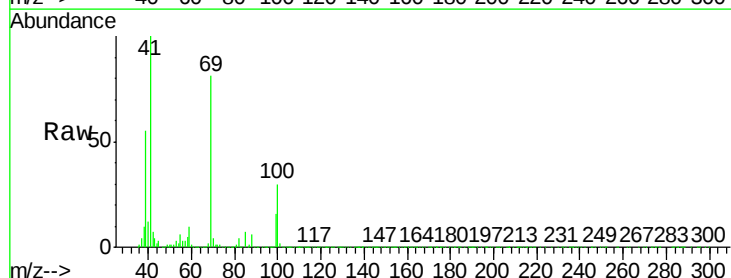
RT: 7.76 min Scan# 1127

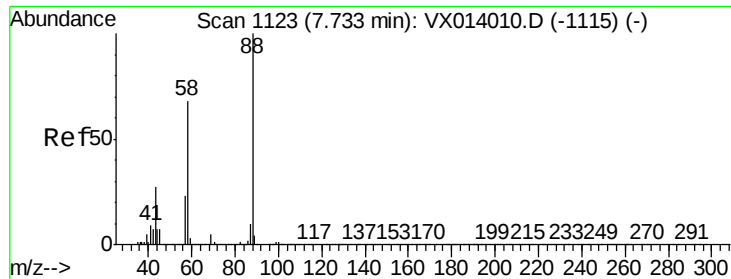
Delta R.T. -0.01 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Tgt Ion:	41	Resp:	129370
Ion Ratio	Lower	Upper	
41	100		
69	80.6	65.8	98.6
39	53.7	44.6	67.0





#49

1,4-Dioxane

Concen: 430.176 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

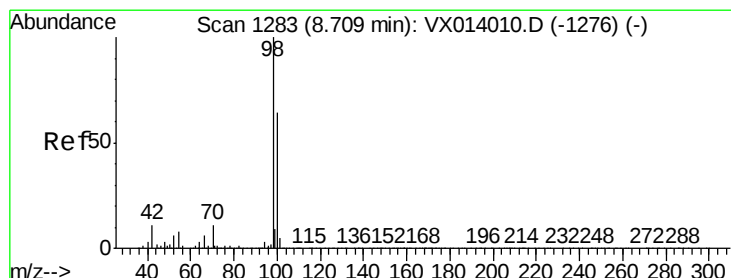
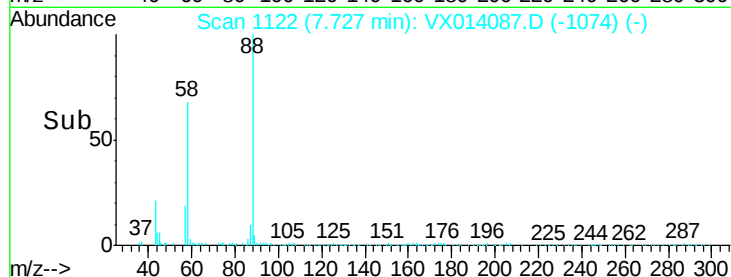
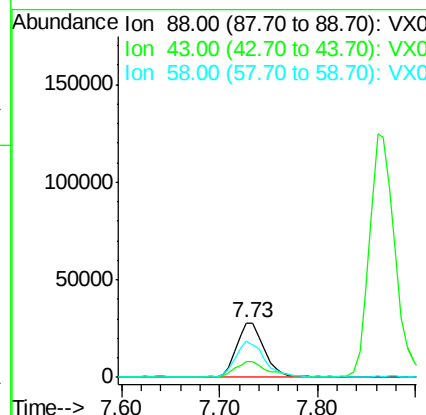
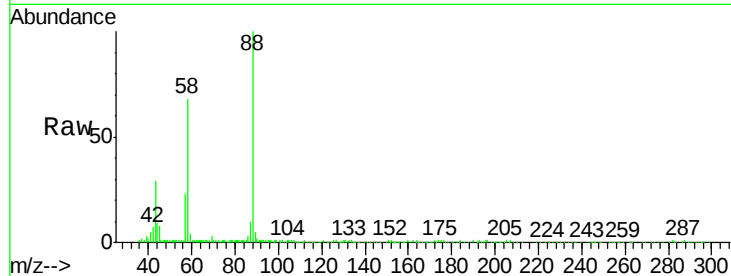
ClientSampleId :

VX1218WBSD01

Tot Ion:	88	Resp:	55051
Ion Ratio	Lower	Upper	
88	100		
43	33.9	26.5	39.7
58	69.5	56.8	85.2

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#50

Toluene-d8

Concen: 49.849 ug/l

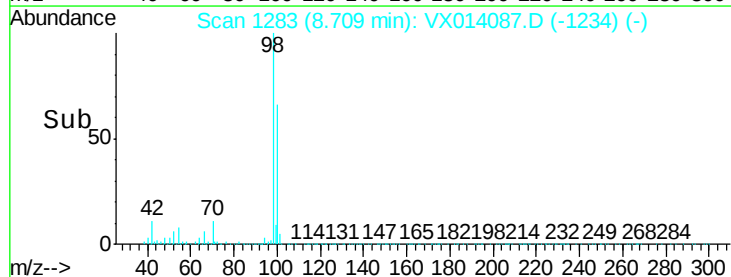
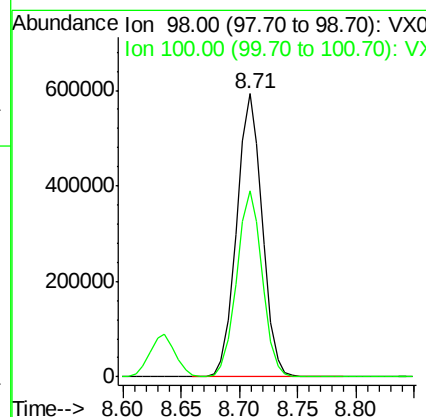
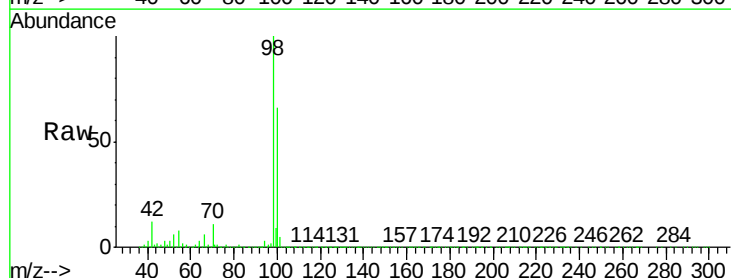
RT: 8.71 min Scan# 1283

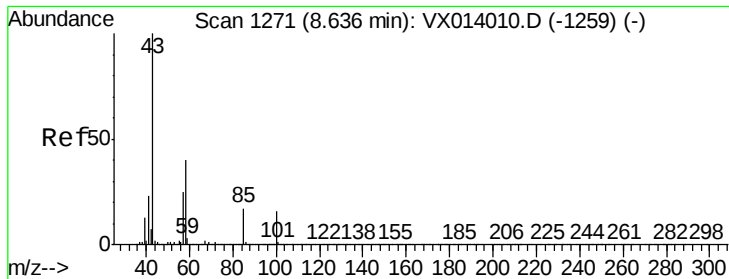
Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Tgt Ion:	98	Resp:	903526
Ion Ratio	Lower	Upper	
98	100		
100	65.6	52.9	79.3





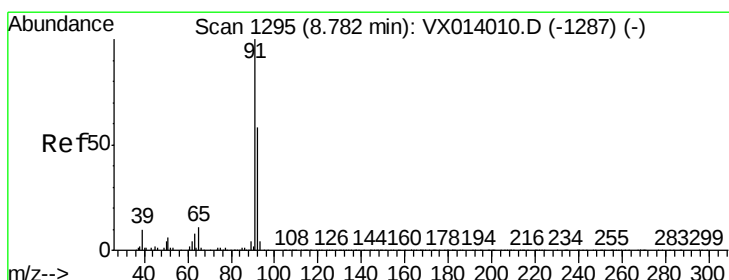
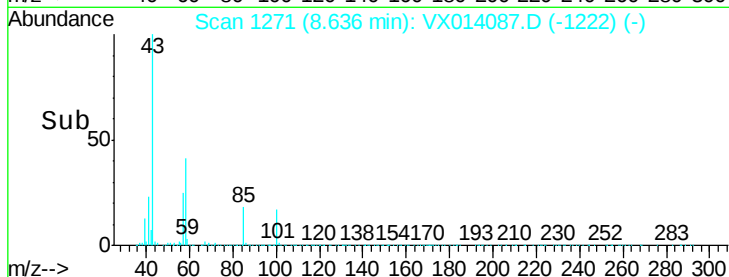
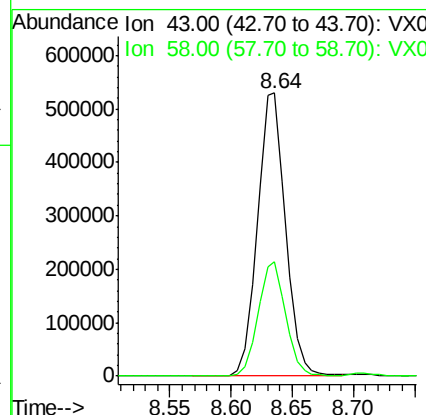
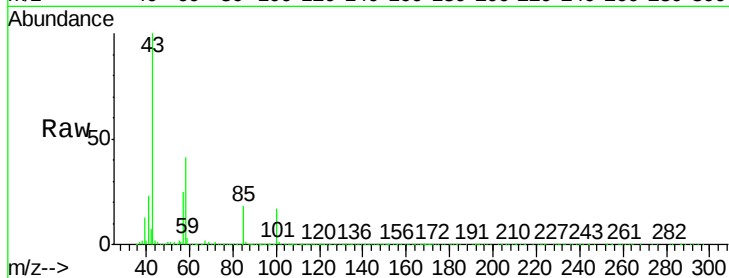
#51
4-Methyl-2-Pentanone
Concen: 104.877 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.6	32.2	48.2

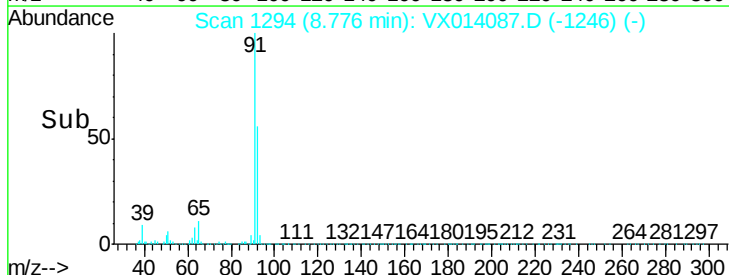
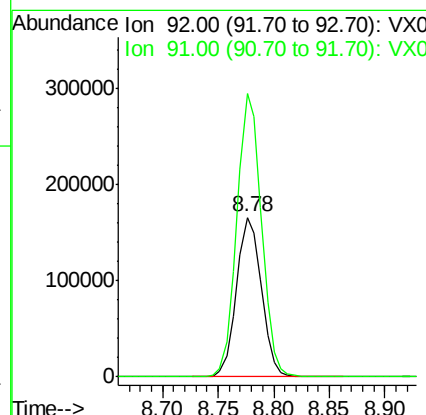
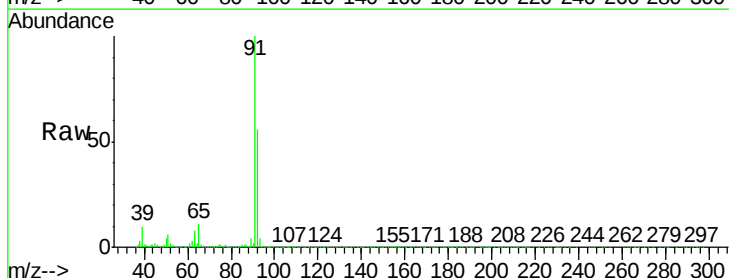
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#52
Toluene
Concen: 18.727 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Lower	Upper
92	100		
91	176.2	136.2	204.4





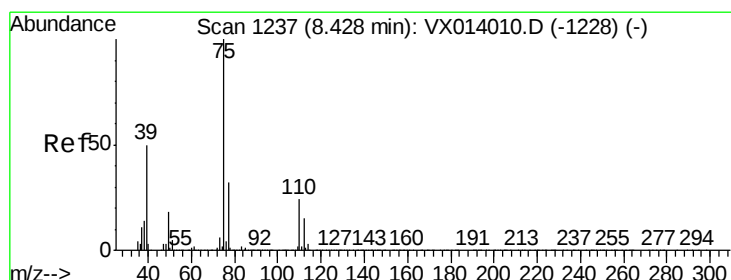
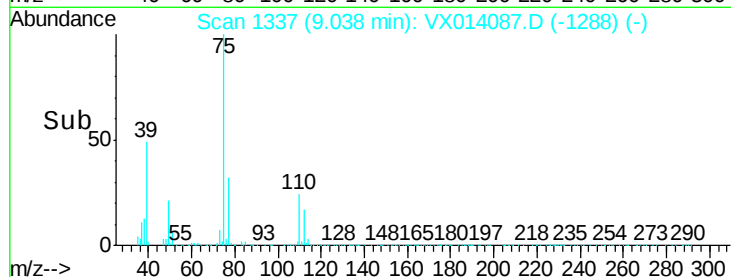
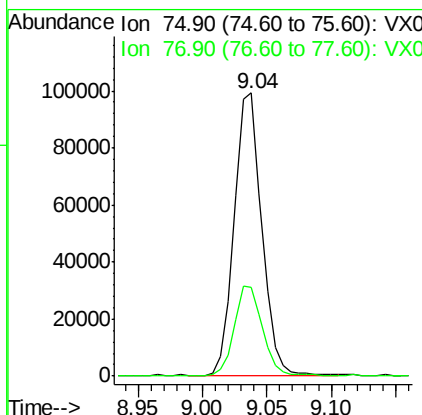
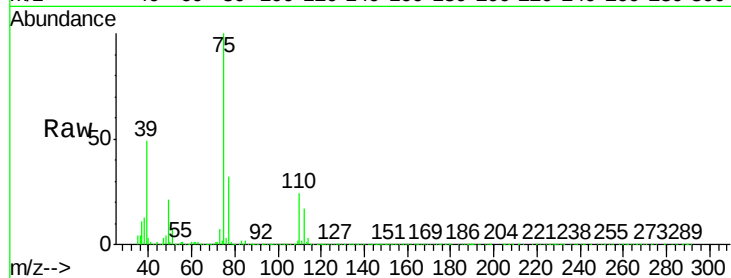
#53
t-1,3-Dichloropropene
Concen: 19.516 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.1	37.7

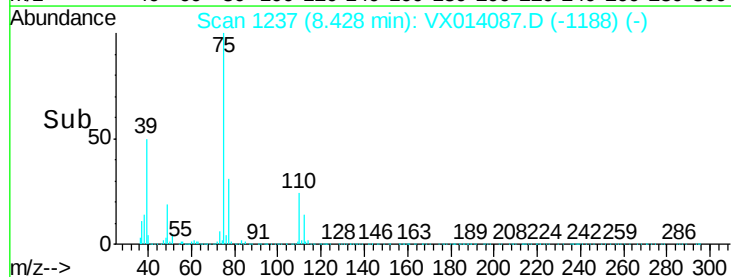
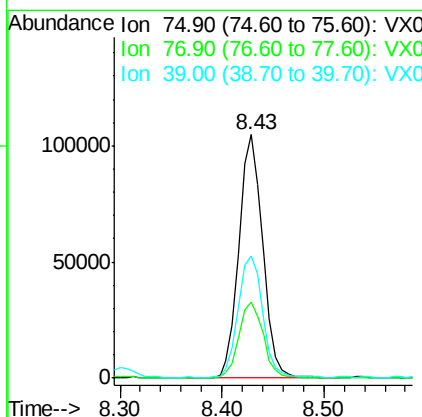
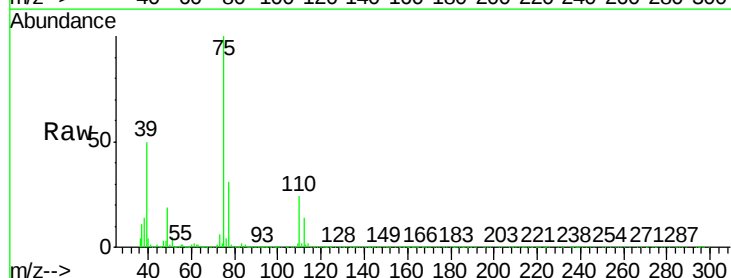
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#54
cis-1,3-Dichloropropene
Concen: 19.943 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.3	37.9
39	49.7	39.9	59.9





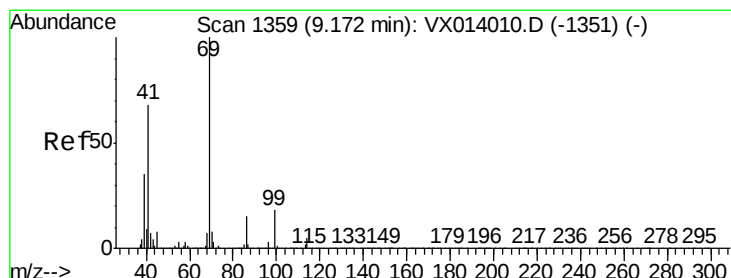
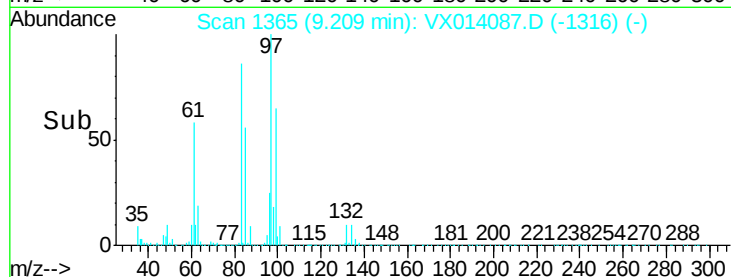
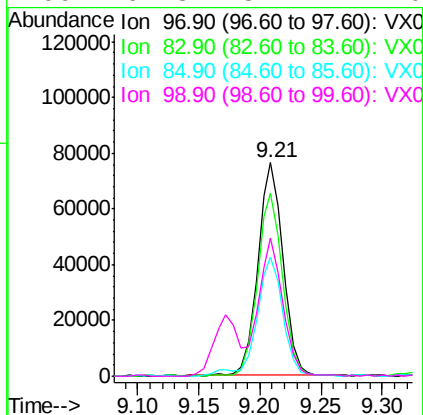
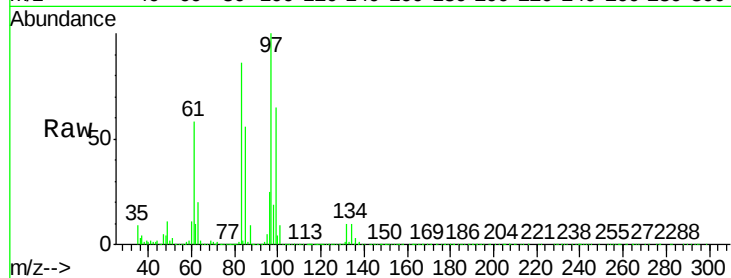
#55
1,1,2-Trichloroethane
Concen: 19.942 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		109232		
83	85.6	68.2	102.4		
85	55.8	44.6	66.8		
99	64.8	51.4	77.0		

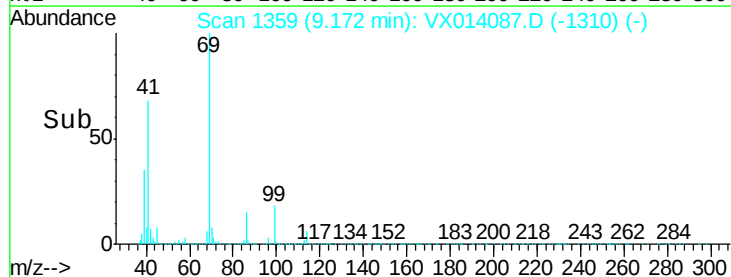
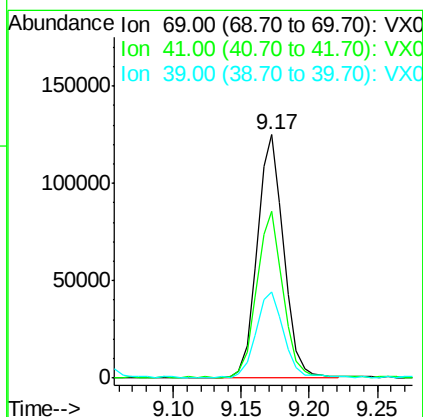
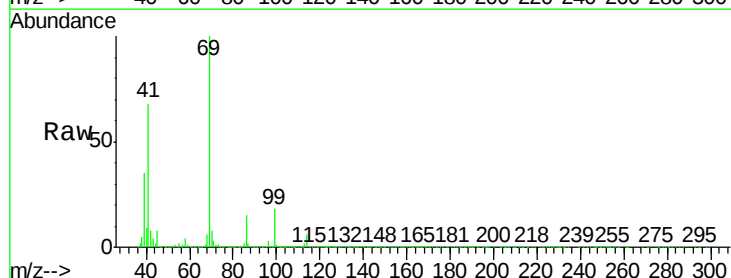
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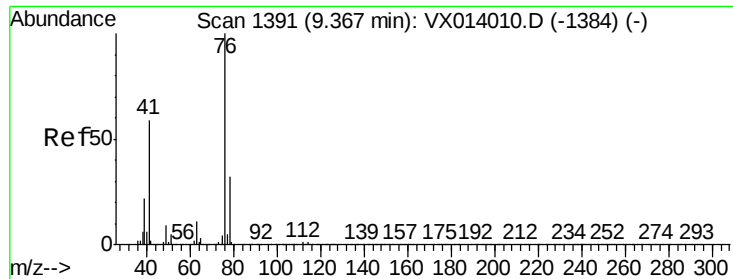
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#56
Ethyl methacrylate
Concen: 19.854 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		170827		
41	68.0	54.8	82.2		
39	36.1	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 20.225 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion: 76 Resp: 186390

Ion Ratio Lower Upper

76 100

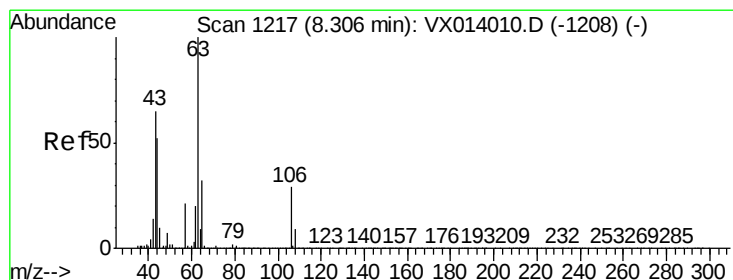
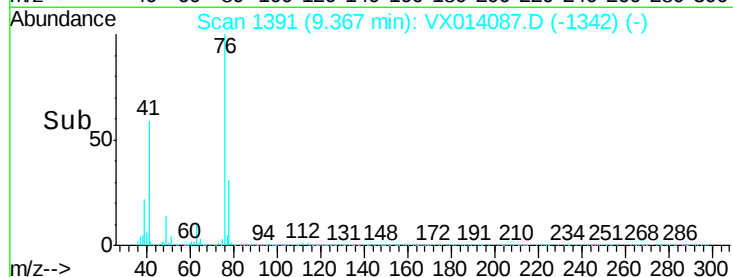
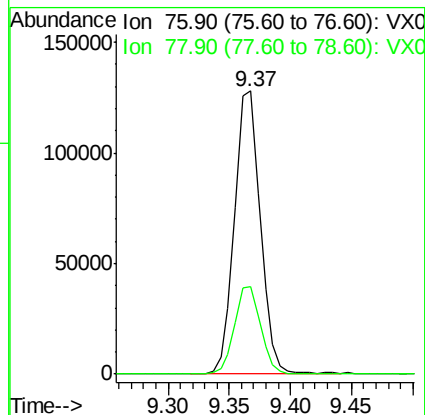
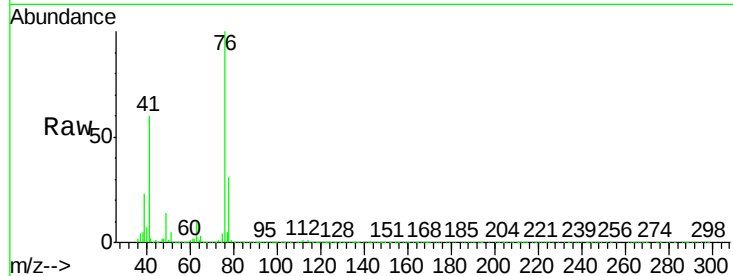
78 31.3 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 101.213 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014087.D

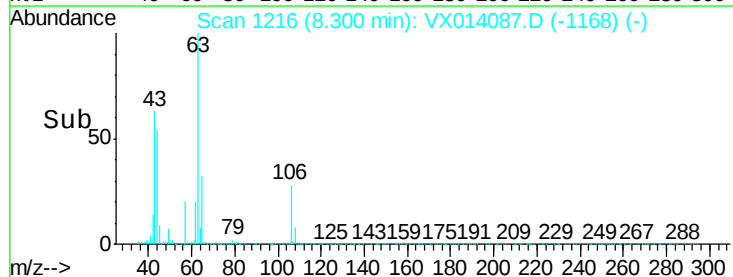
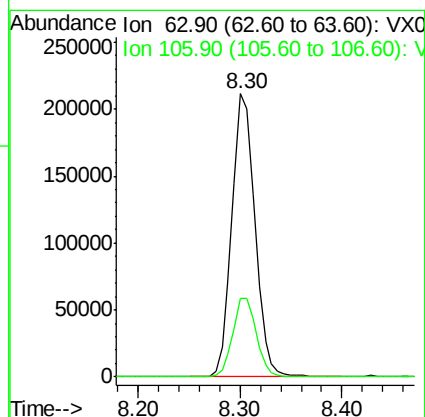
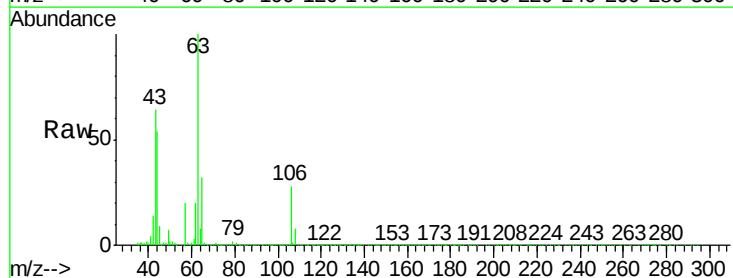
Acq: 18 Dec 2019 11:31

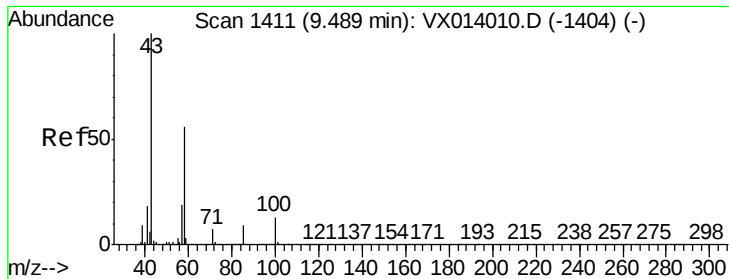
Tgt Ion: 63 Resp: 329557

Ion Ratio Lower Upper

63 100

106 28.4 23.0 34.6





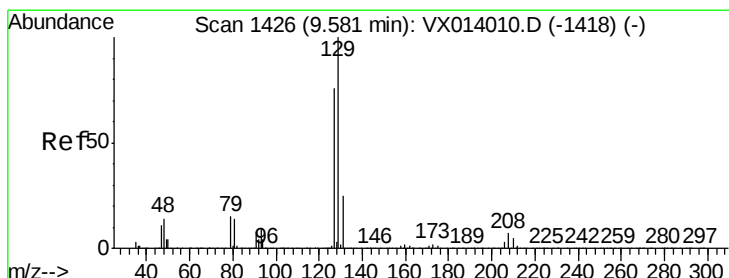
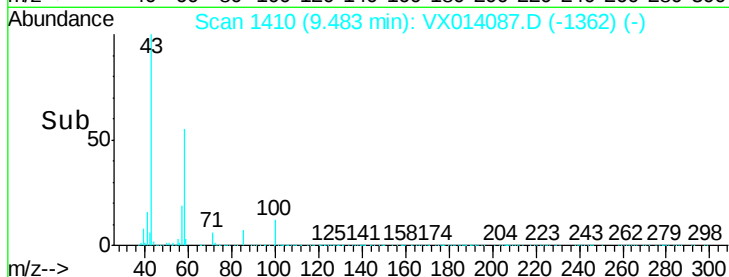
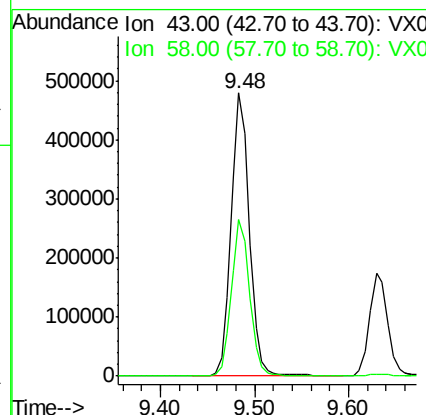
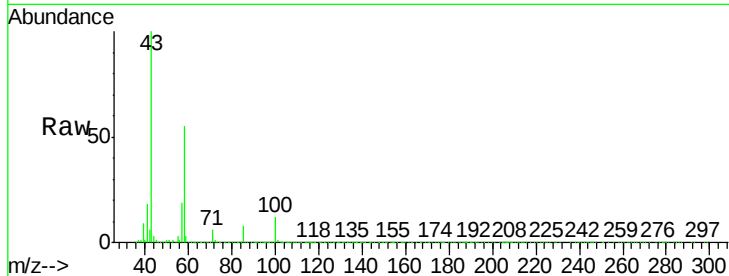
#59
2-Hexanone
Concen: 99.213 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.4	28.0	84.0

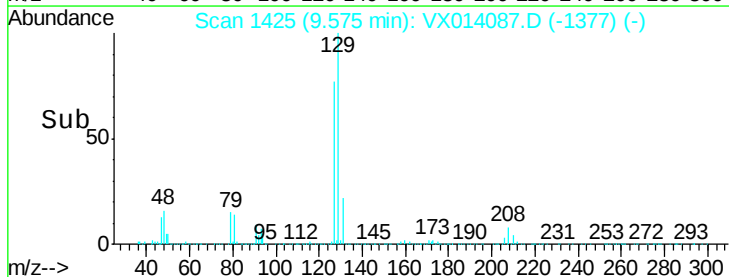
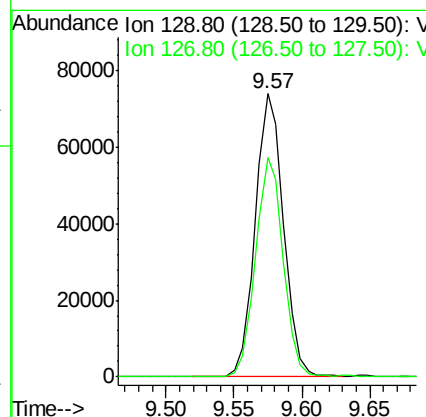
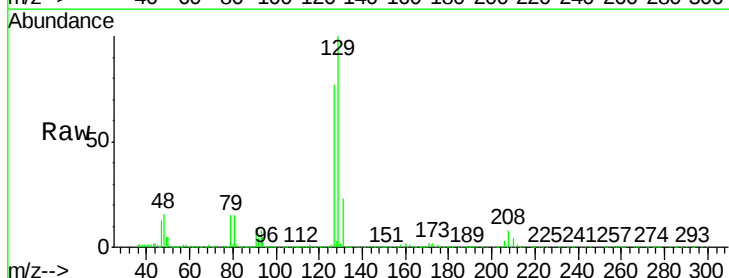
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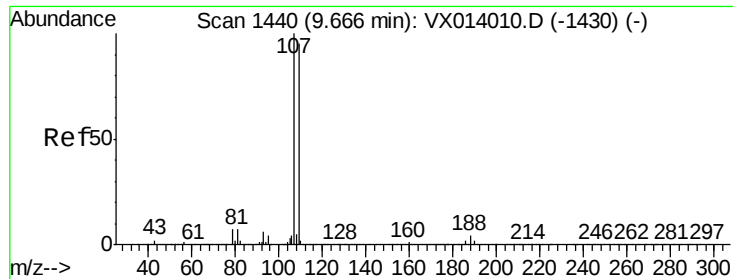
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#60
Dibromochloromethane
Concen: 19.719 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.2	38.4	115.2





#61

1,2-Dibromoethane

Concen: 20.734 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion: 107 Resp: 116196

Ion Ratio Lower Upper

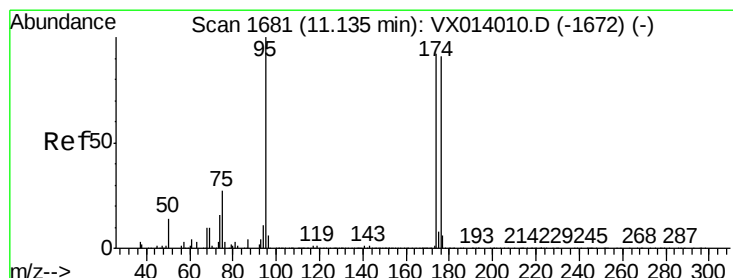
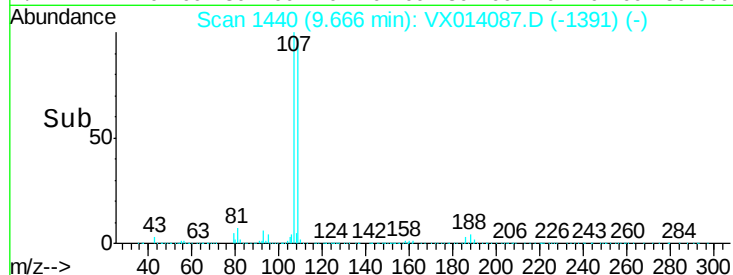
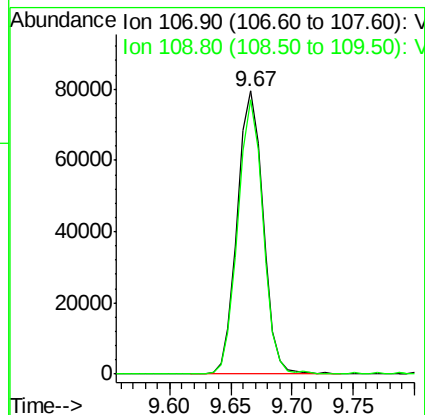
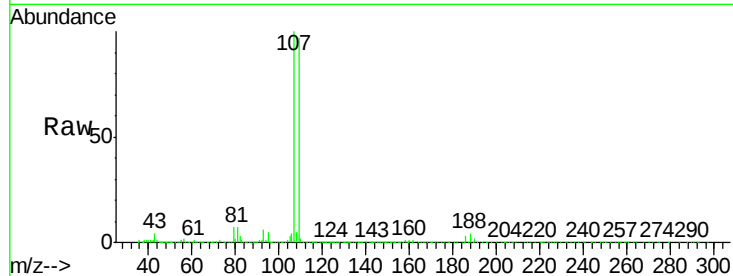
107 100

109 94.1 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 48.367 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

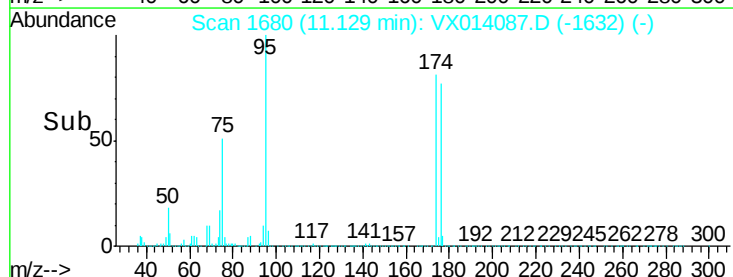
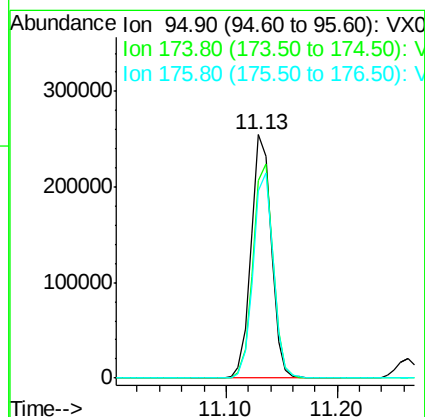
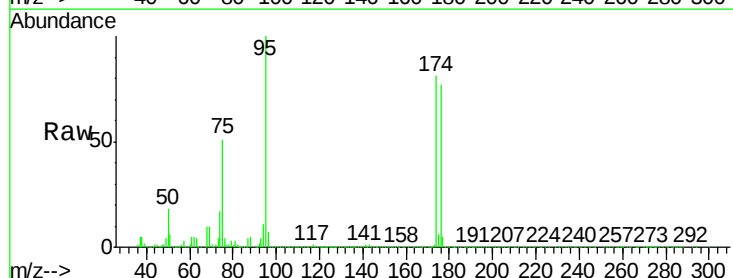
Tgt Ion: 95 Resp: 320455

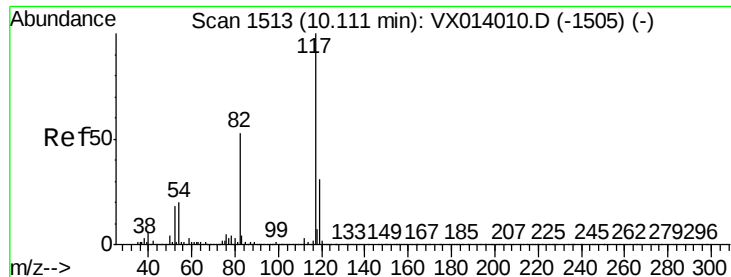
Ion Ratio Lower Upper

95 100

174 88.2 0.0 175.8

176 84.9 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

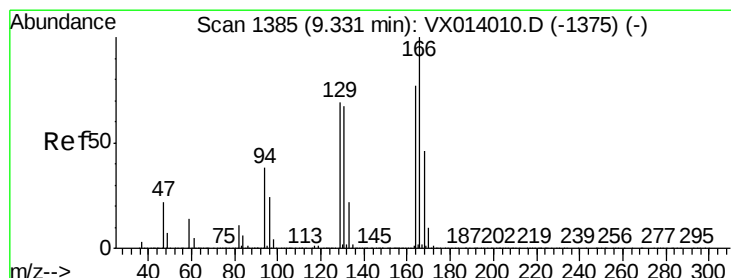
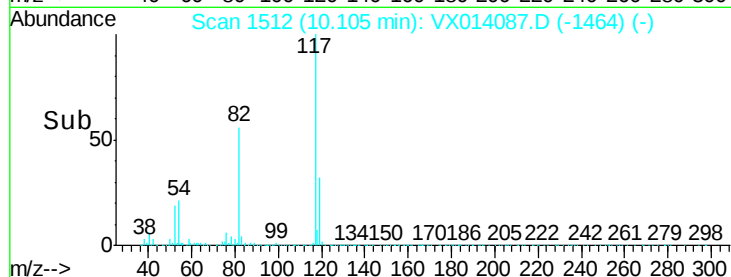
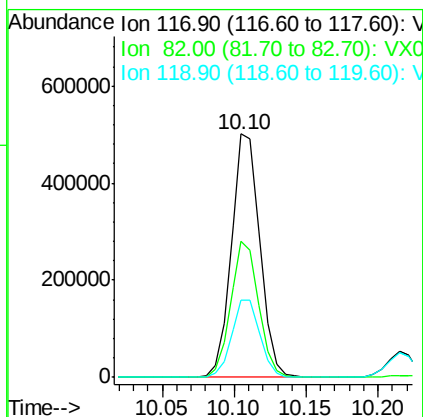
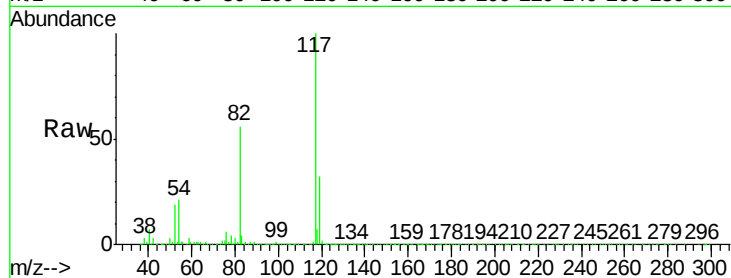
ClientSampleId :

VX1218WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	693594		
82	55.9	42.2	63.4	
119	31.6	25.1	37.7	

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#64

Tetrachloroethene

Concen: 17.785 ug/l

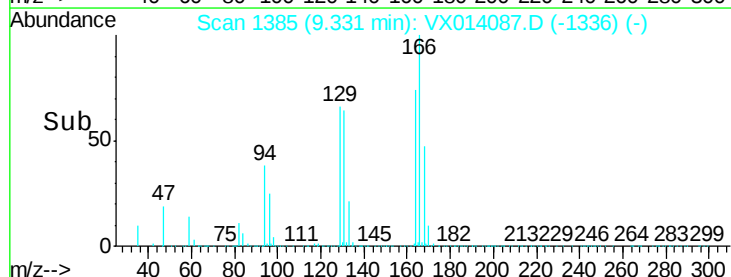
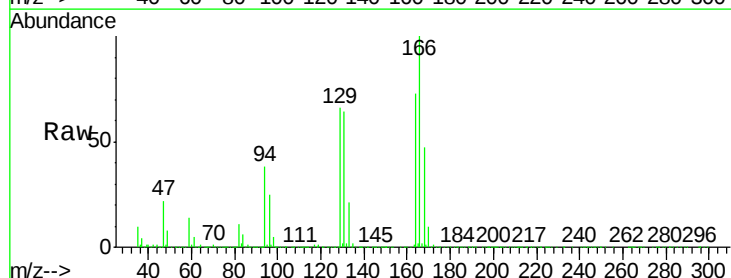
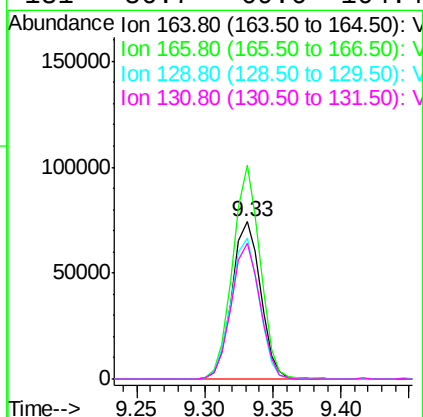
RT: 9.33 min Scan# 1385

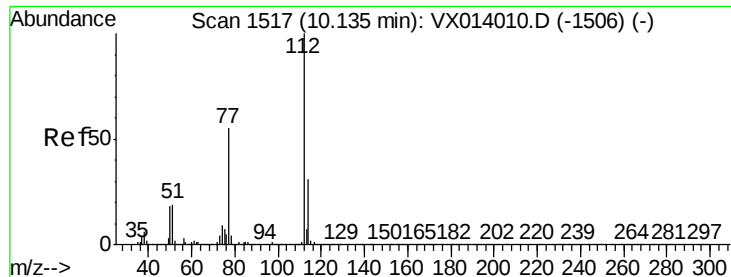
Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	109156		
166	136.3	104.0	156.0	
129	89.7	72.2	108.4	
131	86.7	69.6	104.4	





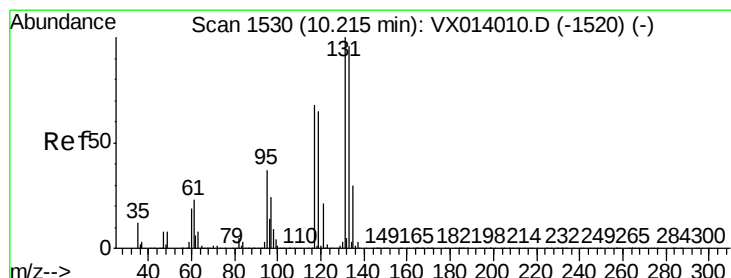
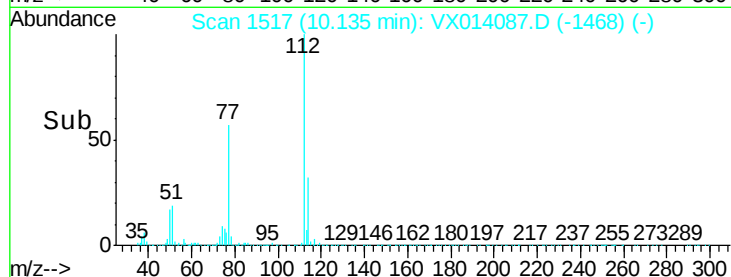
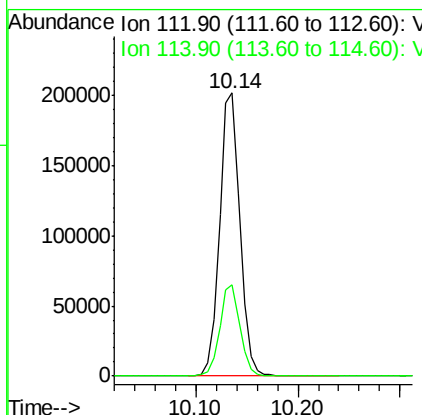
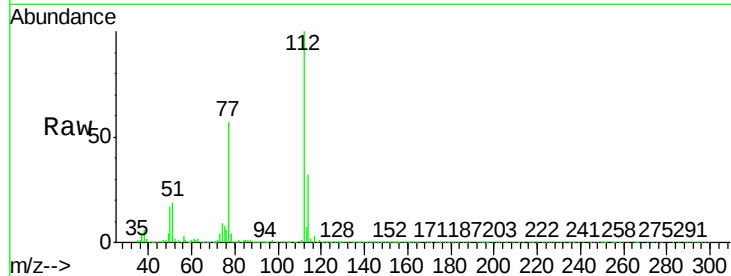
#65
Chlorobenzene
Concen: 18.997 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	280156		
114	32.1	24.9	37.3	

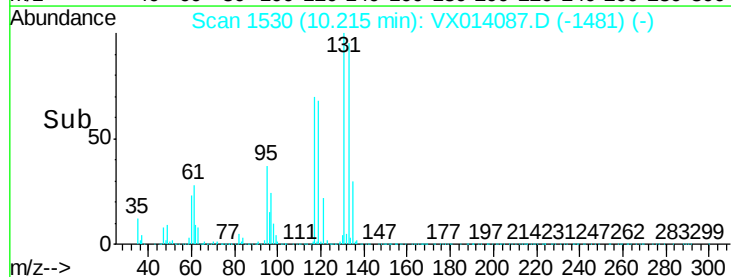
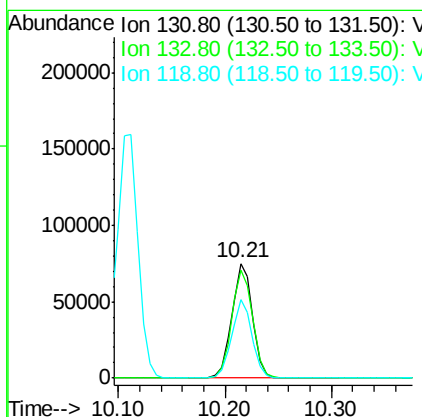
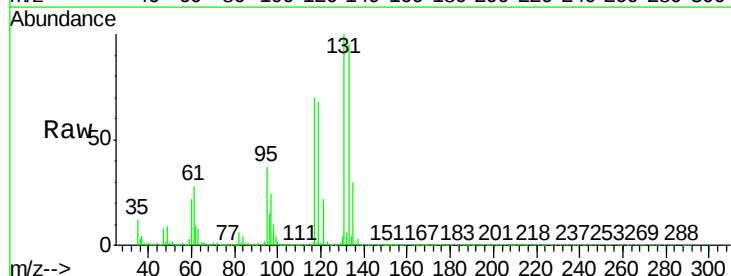
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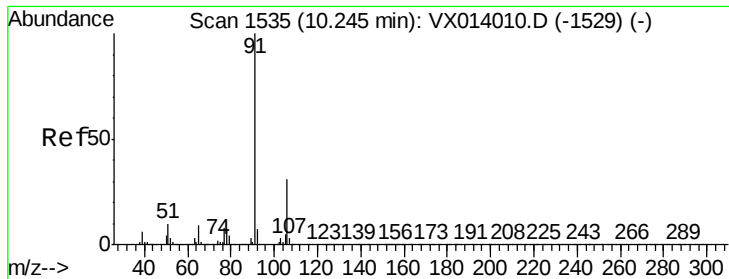
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.333 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	101801		
133	95.0	48.0	144.0	
119	66.7	33.4	100.2	





#67

Ethyl Benzene

Concen: 19.138 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion: 91 Resp: 485244

Ion Ratio Lower Upper

91 100

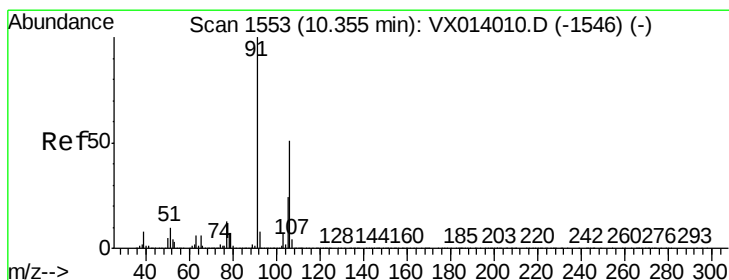
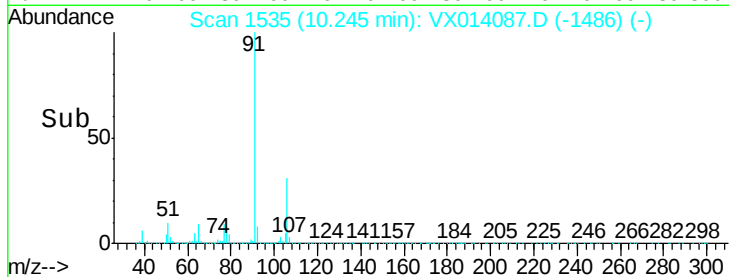
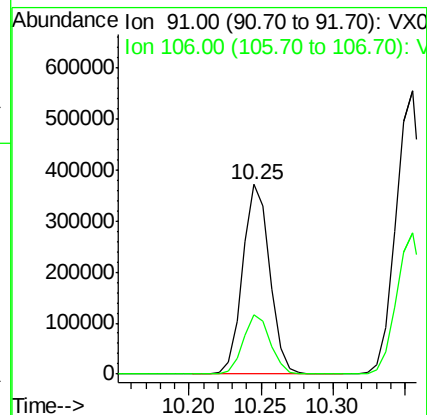
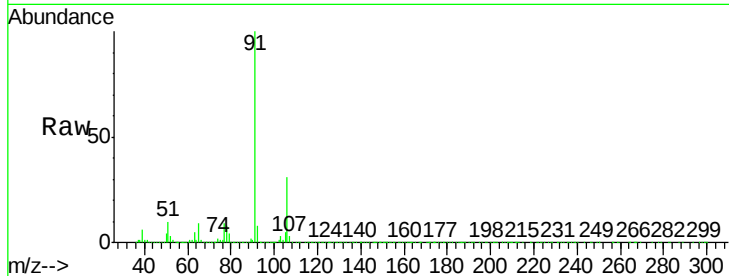
106 31.3 25.0 37.6

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#68

m/p-Xylenes

Concen: 37.909 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014087.D

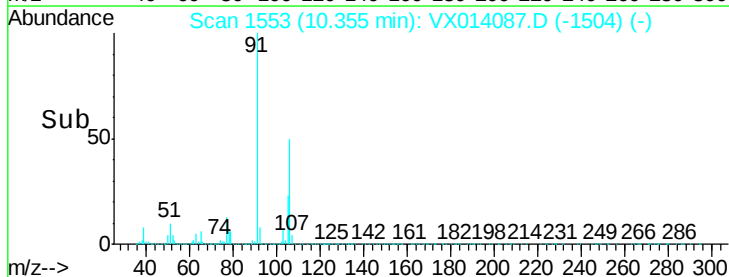
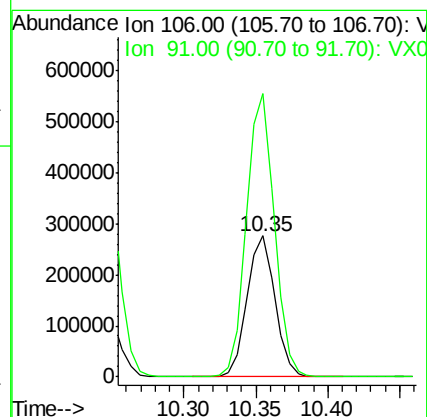
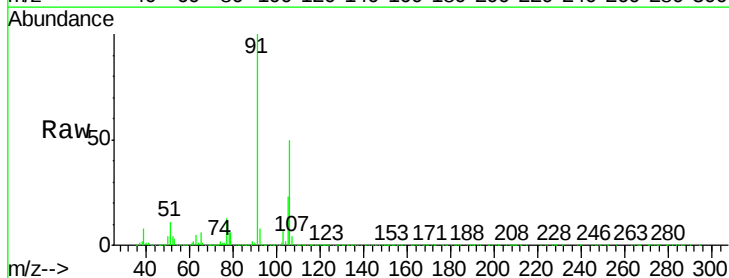
Acq: 18 Dec 2019 11:31

Tgt Ion: 106 Resp: 369680

Ion Ratio Lower Upper

106 100

91 200.4 158.6 238.0





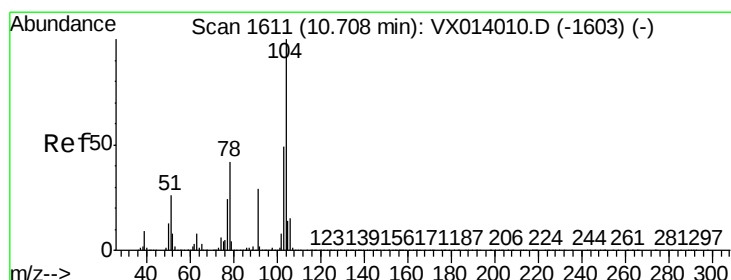
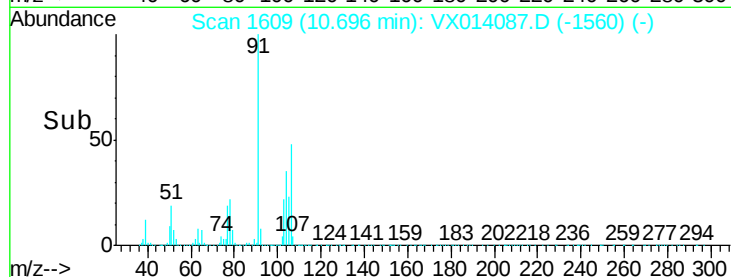
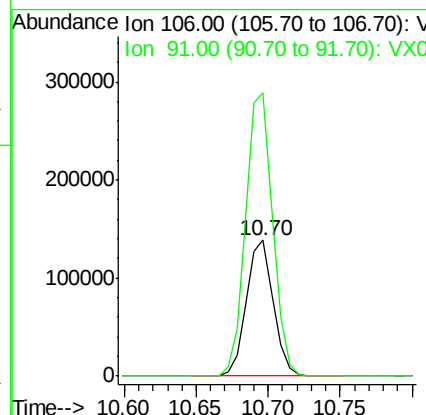
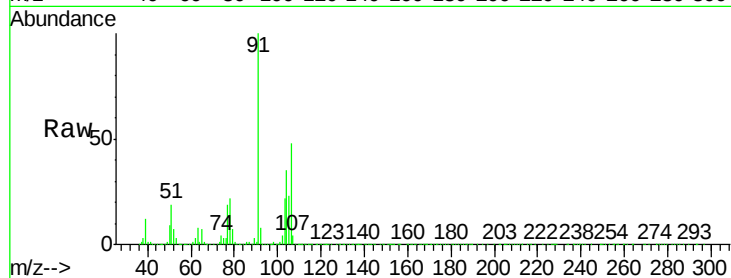
#69
o-Xylene
Concen: 18.594 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.3	104.2	312.6

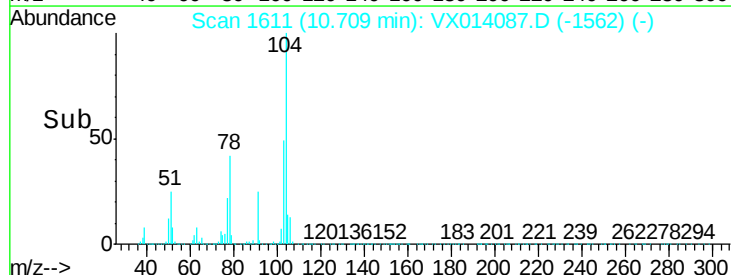
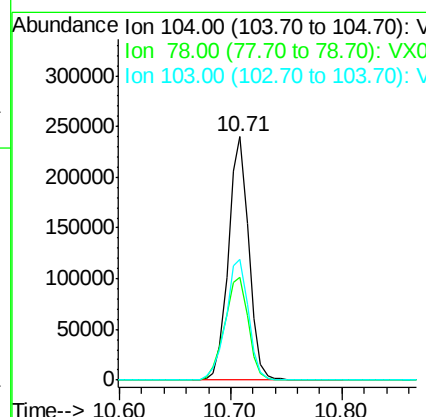
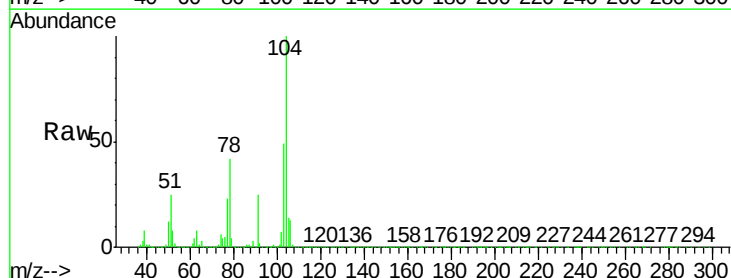
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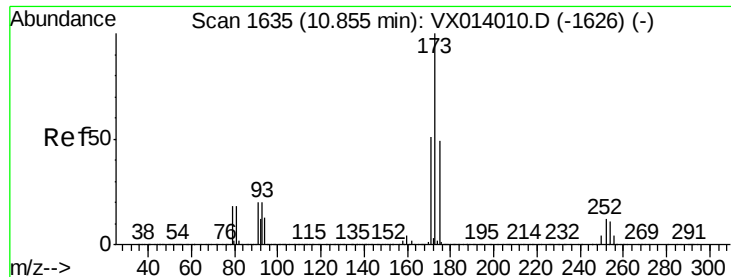
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#70
Styrene
Concen: 18.792 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.3	38.5	57.7
103	55.1	42.9	64.3





#71

Bromoform

Concen: 19.072 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion:173 Resp: 80725

Ion Ratio Lower Upper

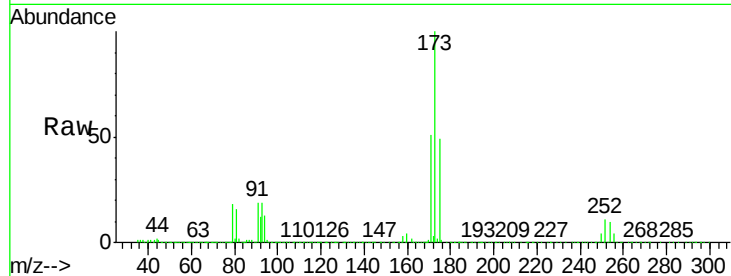
173 100

175 47.7 24.4 73.4

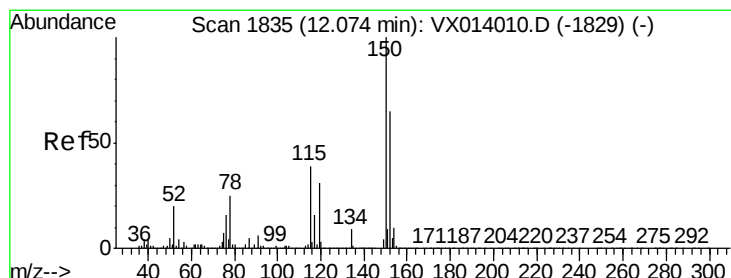
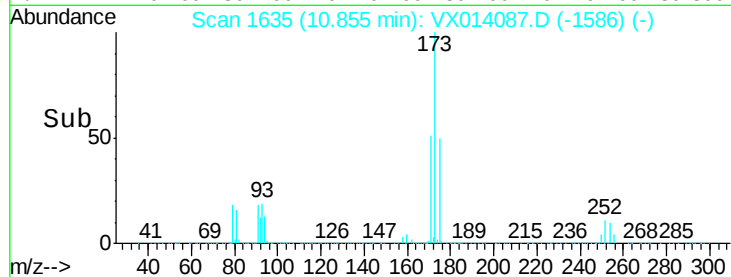
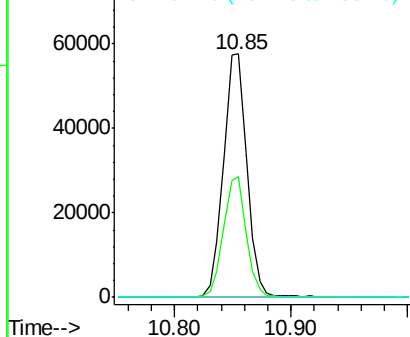
254 0.1 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

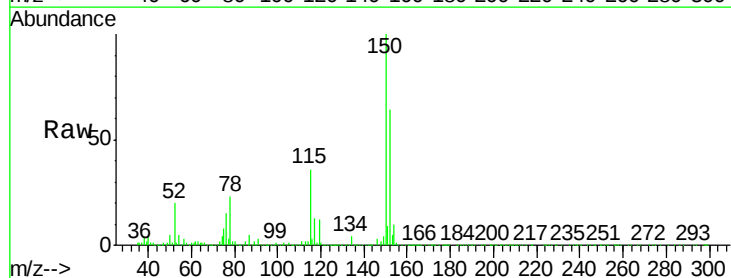
Tgt Ion:152 Resp: 336326

Ion Ratio Lower Upper

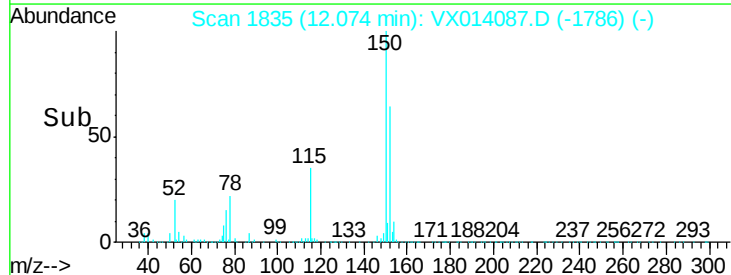
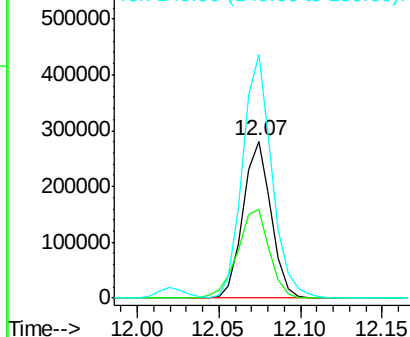
152 100

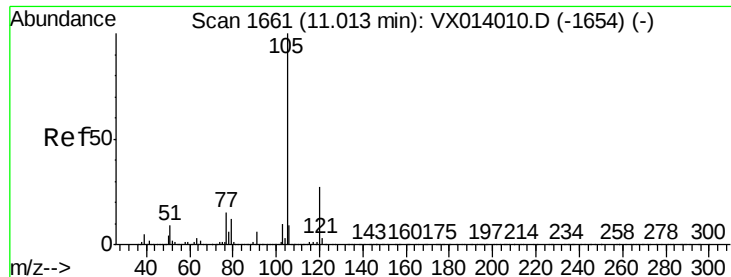
115 64.3 38.3 114.9

150 162.7 0.0 345.4



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





#73

Isopropylbenzene

Concen: 19.789 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion: 105 Resp: 468612

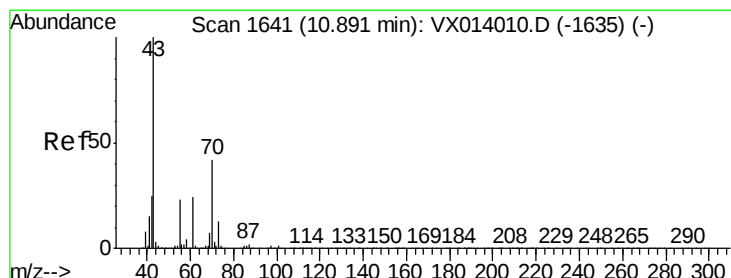
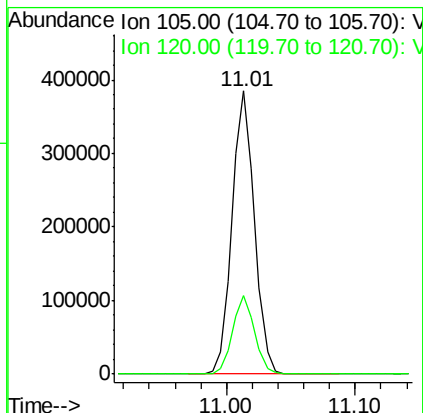
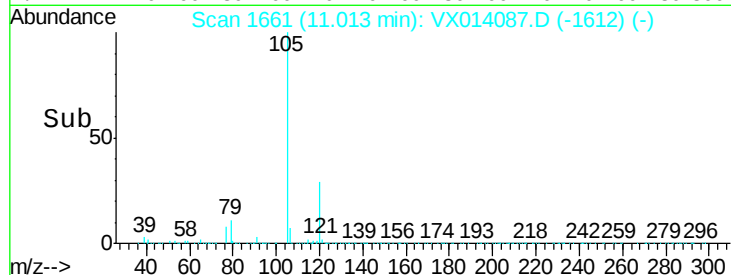
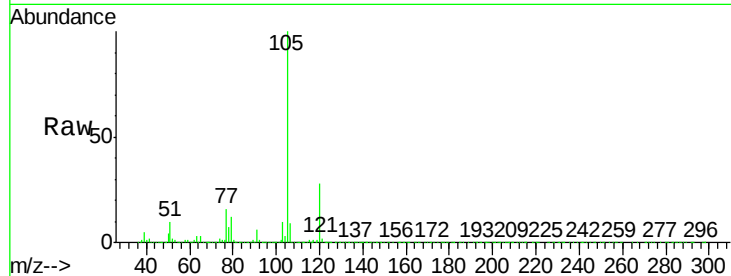
Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.4

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#74

N-ethyl acetate

Concen: 20.036 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Tgt Ion: 43 Resp: 222393

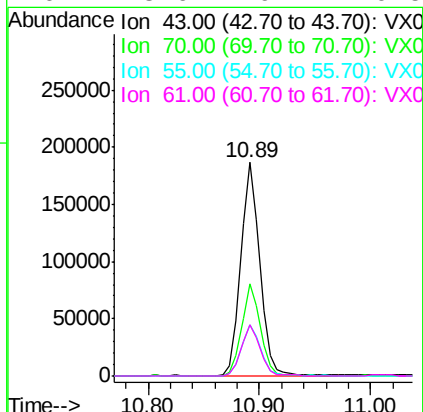
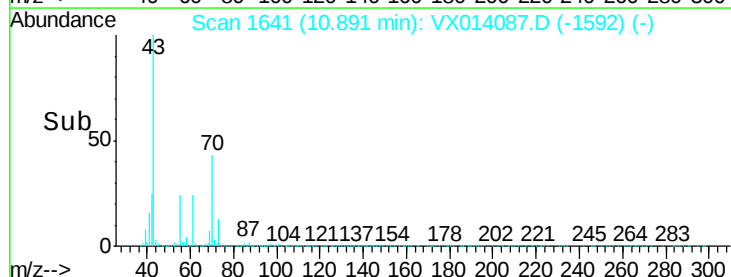
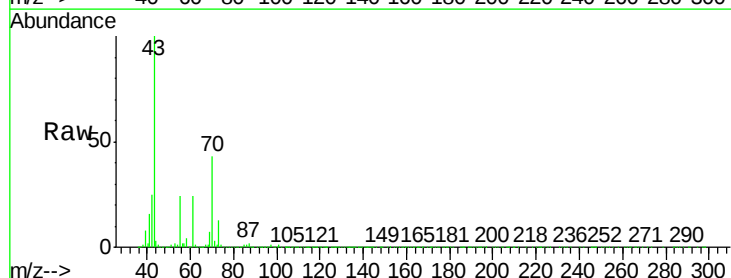
Ion Ratio Lower Upper

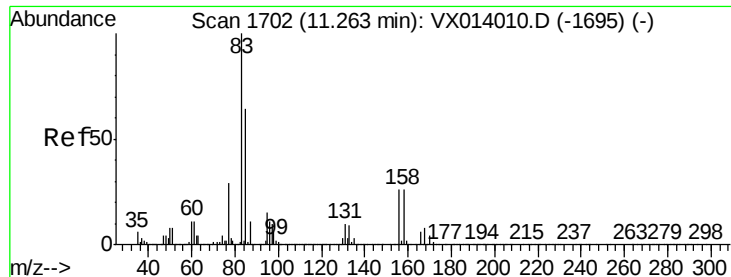
43 100

70 43.0 34.4 51.6

55 24.1 19.1 28.7

61 23.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.734 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

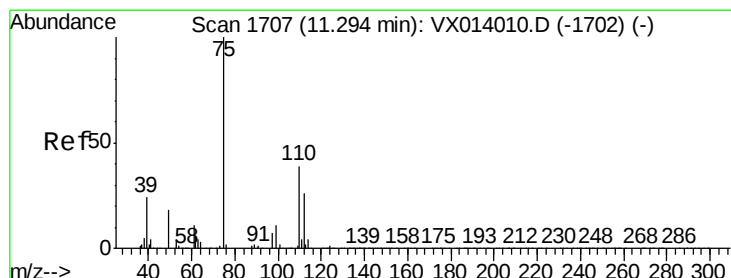
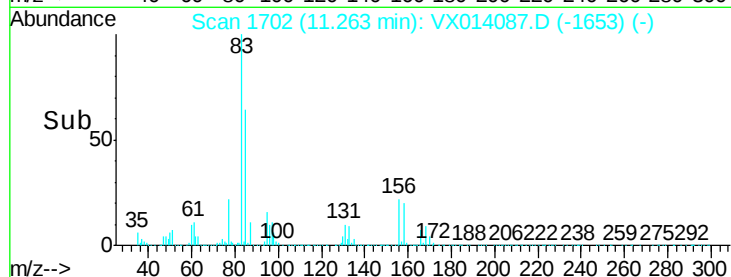
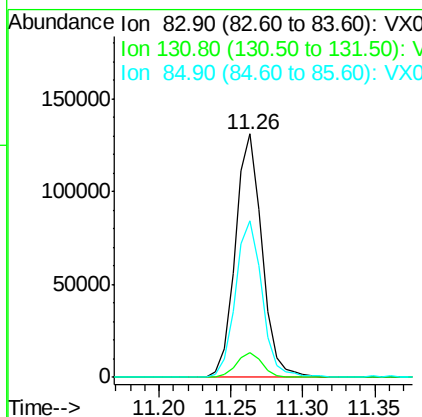
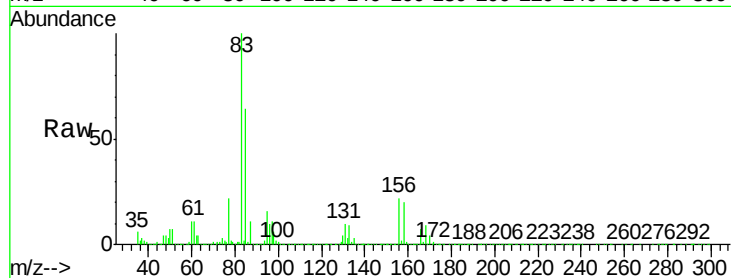
ClientSampleId :

VX1218WBSD01

Tot Ion:	83	Resp:	170216
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.2
85	64.3	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 22.008 ug/l m

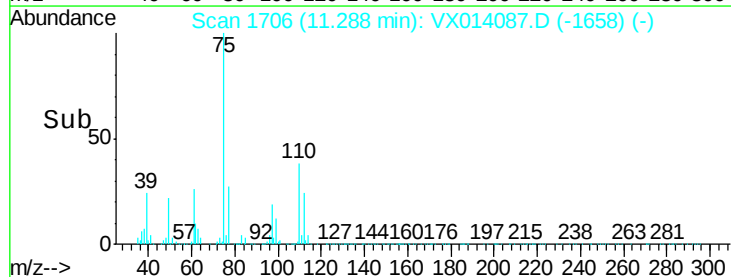
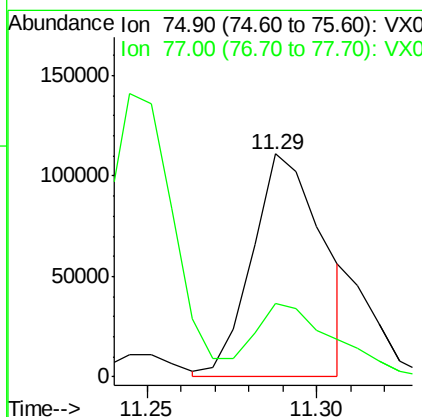
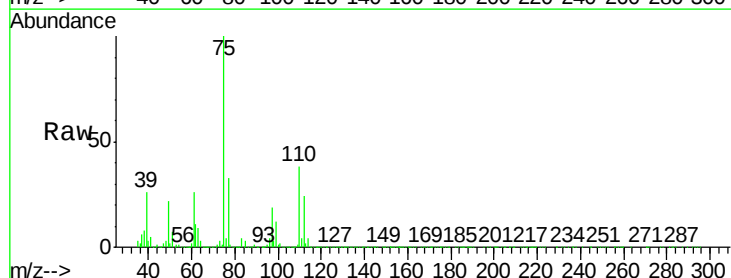
RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Tgt Ion:	75	Resp:	160691
Ion Ratio	Lower	Upper	
75	100		
77	36.1	19.3	57.8





#77

Bromobenzene

Concen: 19.456 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

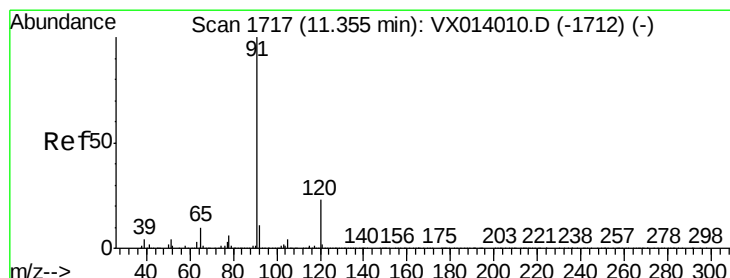
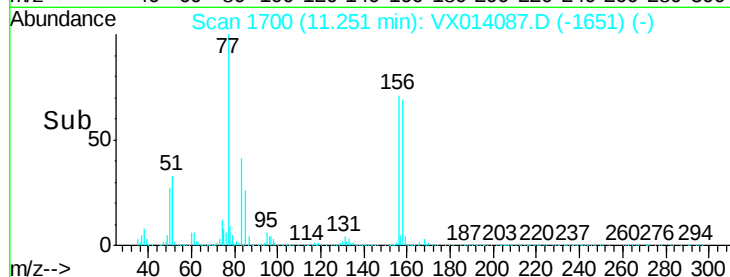
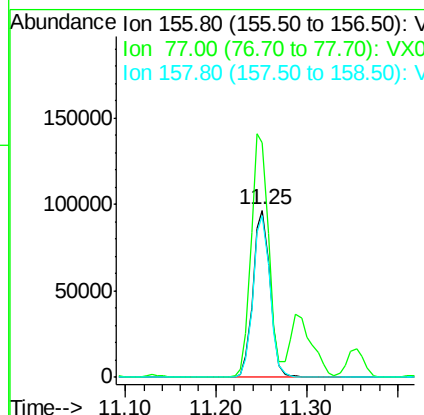
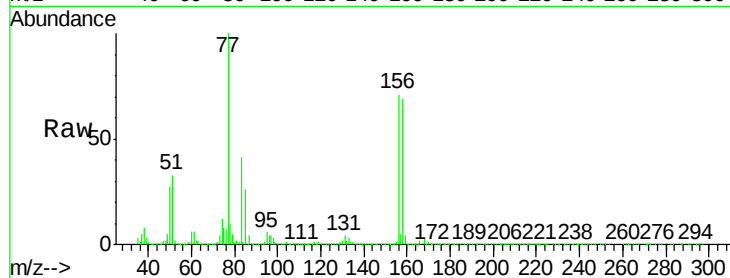
ClientSampleId :

VX1218WBSD01

Tot Ion:	156	Resp:	126759
Ion Ratio	Lower	Upper	
156	100		
77	150.2	76.5	229.5
158	96.0	49.3	147.9

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#78

n-propylbenzene

Concen: 20.089 ug/l

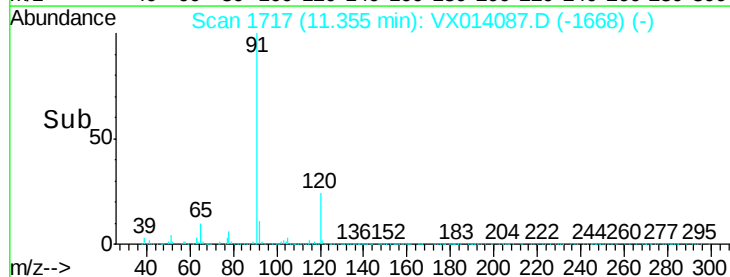
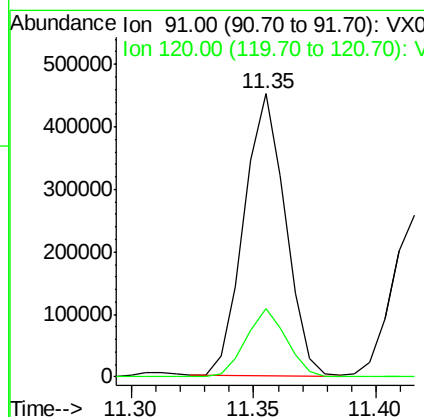
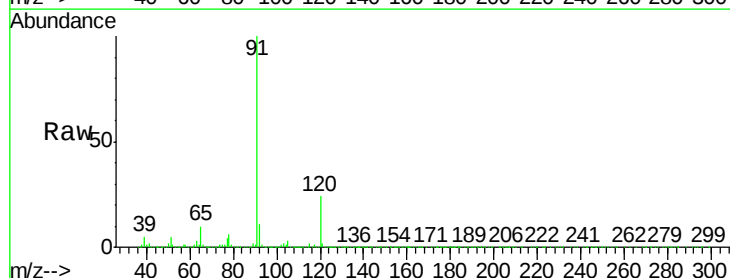
RT: 11.35 min Scan# 1717

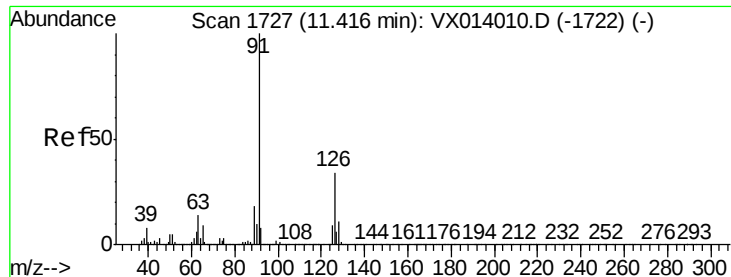
Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Tgt Ion:	91	Resp:	533594
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.7	35.0





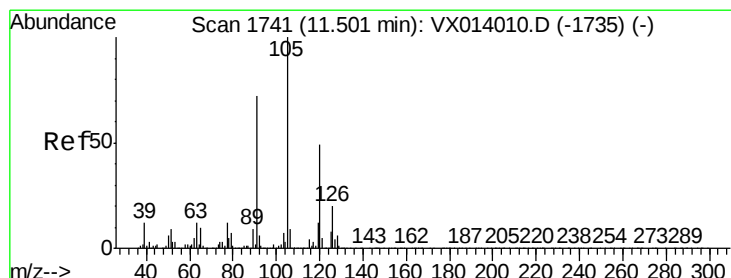
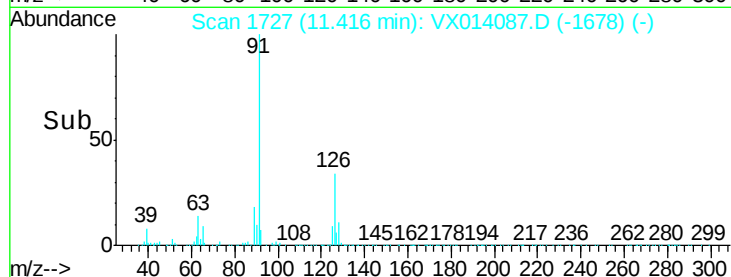
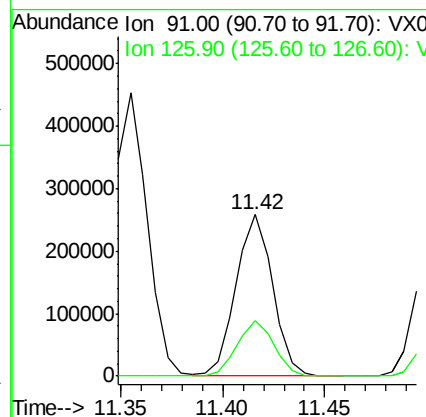
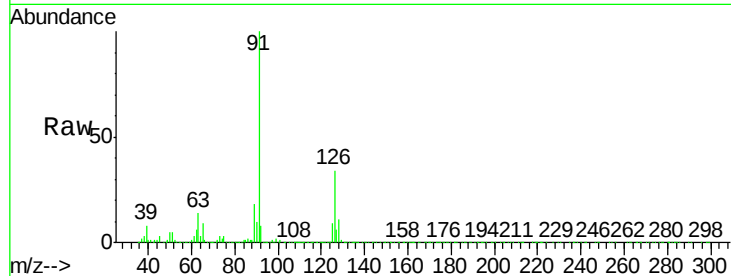
#79
 2-Chlorotoluene
 Concen: 19.794 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014087.D
 Acq: 18 Dec 2019 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.2	51.6

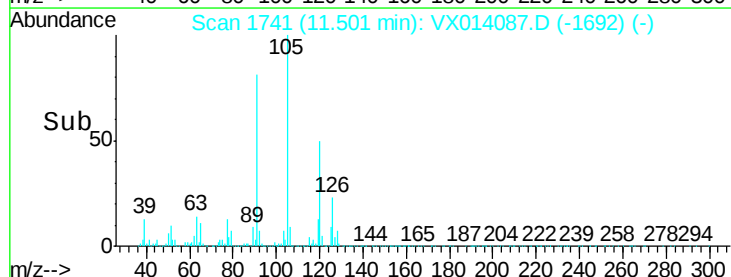
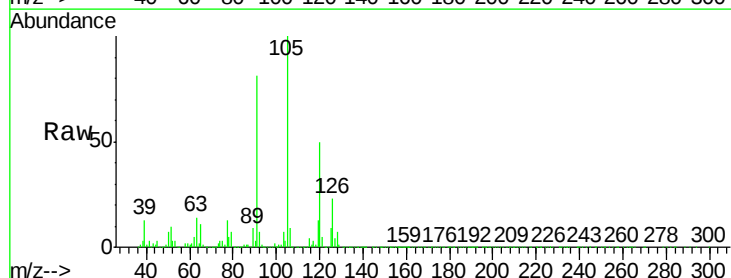
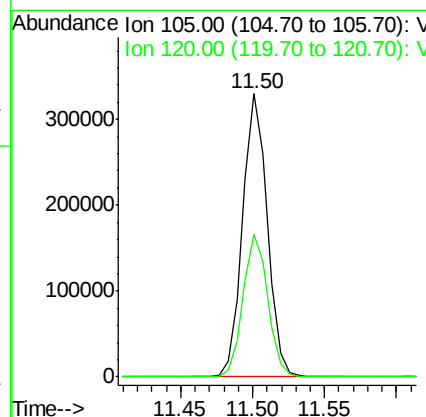
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.646 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014087.D
 Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.6	25.3	75.8





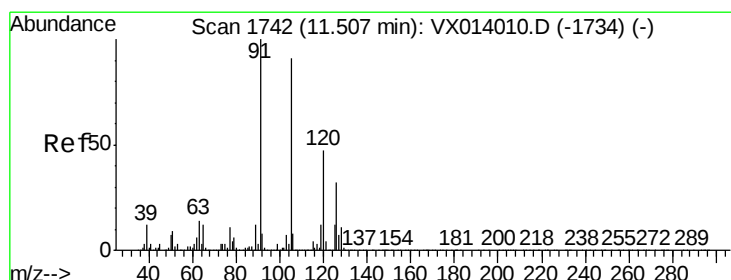
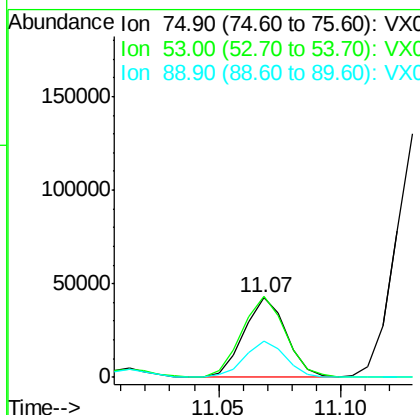
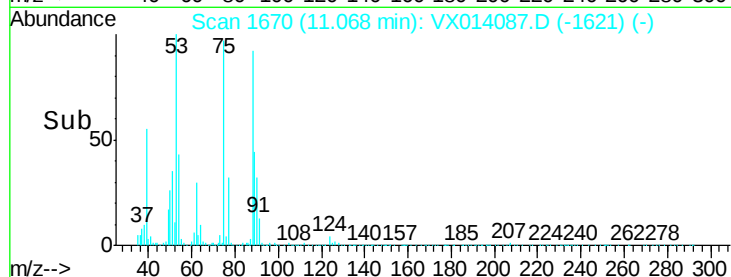
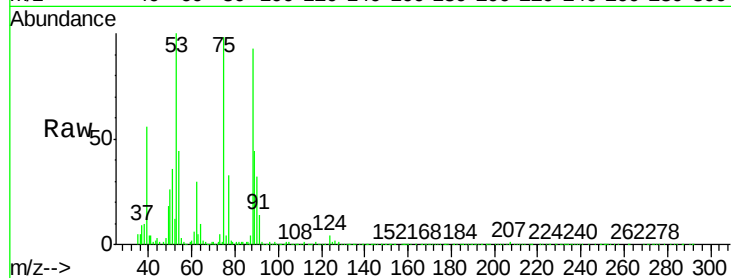
#81
trans-1,4-Dichloro-2-butene
Concen: 19.900 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.6	76.7	115.1
89	43.5	34.6	51.8

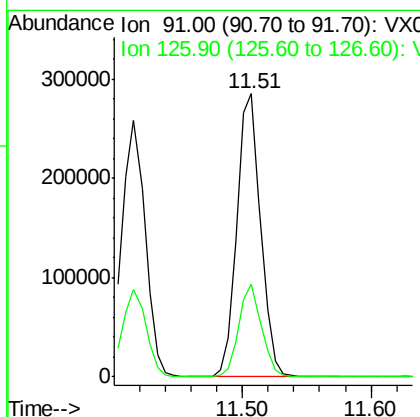
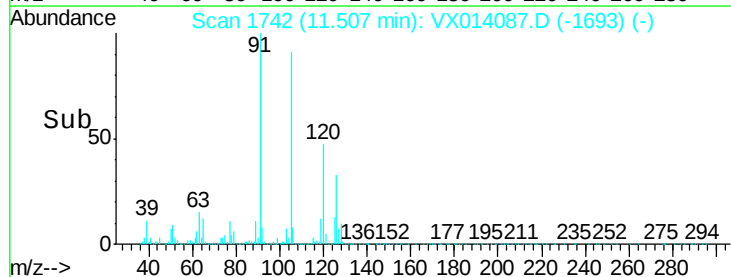
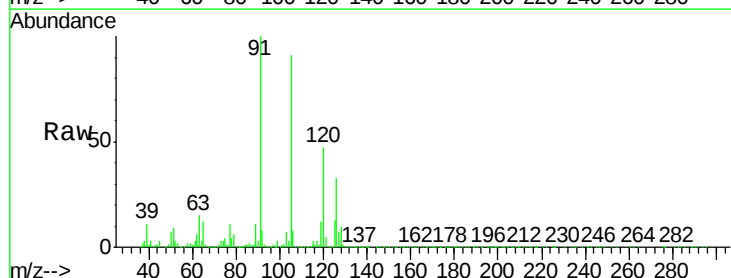
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#82
4-Chlorotoluene
Concen: 19.449 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.6	46.8





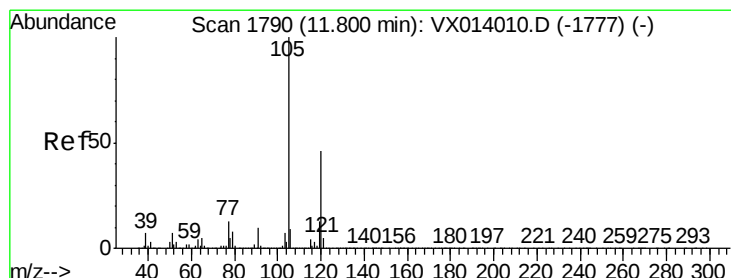
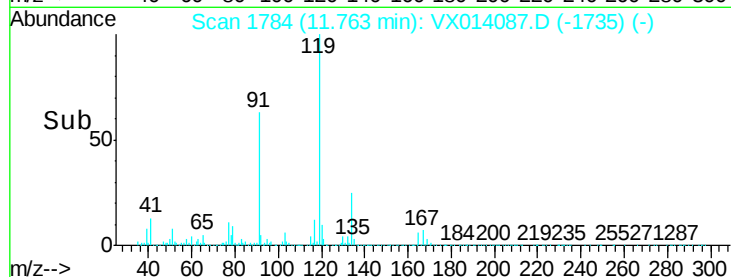
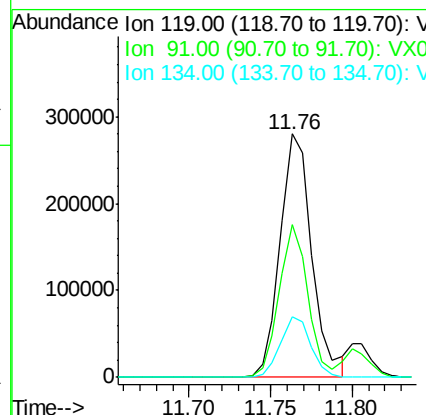
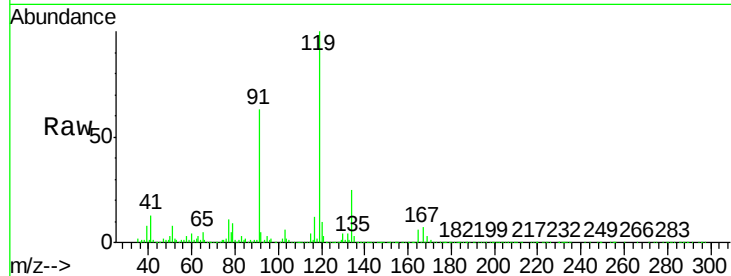
#83
tert-Butylbenzene
Concen: 19.589 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	379908		
91	56.5	28.5	85.6	
134	23.8	12.2	36.6	

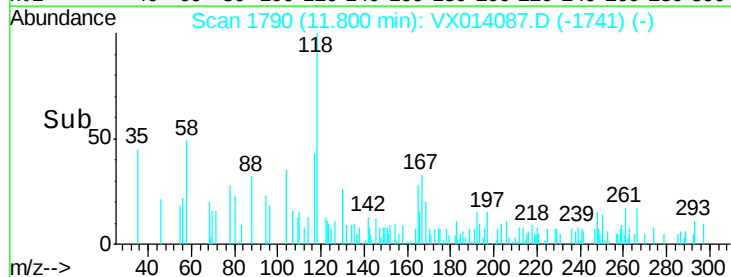
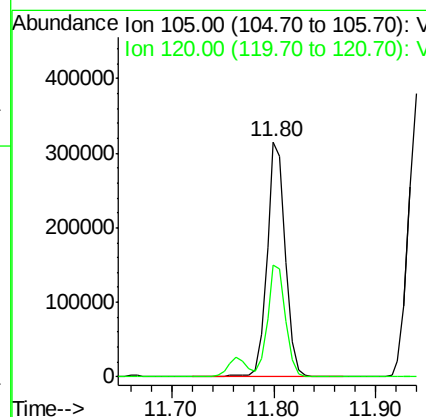
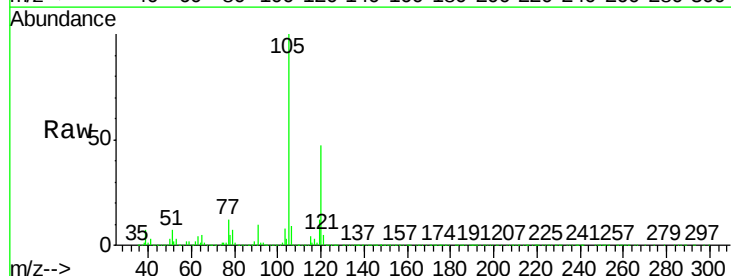
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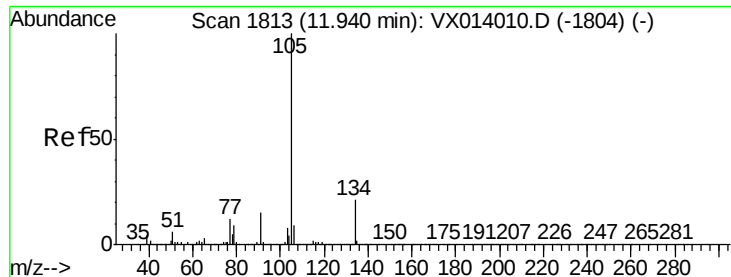
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#84
1,2,4-Trimethylbenzene
Concen: 19.648 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	392124		
120	46.6	23.1	69.2	





#85

sec-Butylbenzene

Concen: 19.862 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBSD01

Tot Ion:105 Resp: 454755

Ion Ratio Lower Upper

105 100

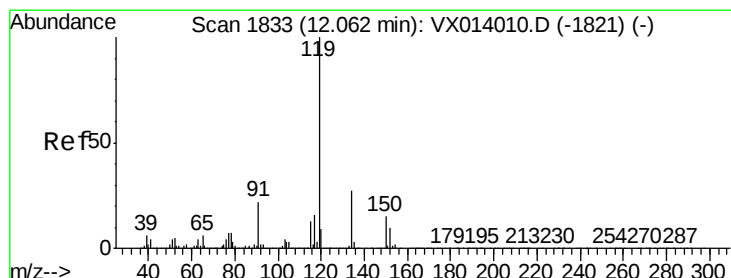
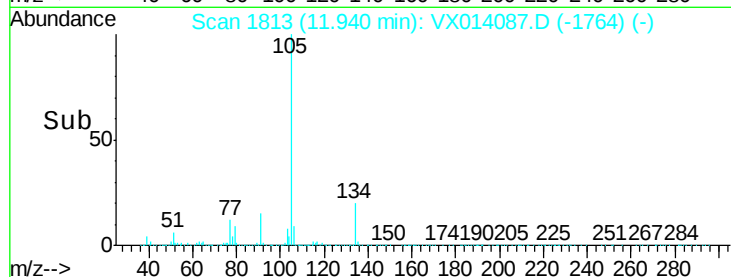
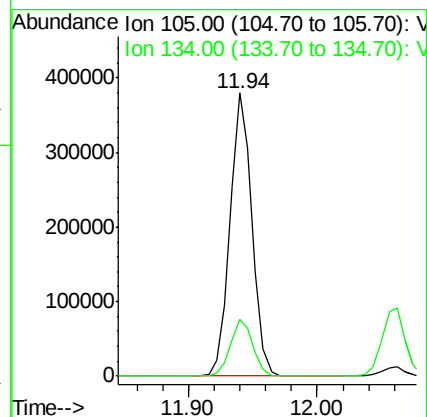
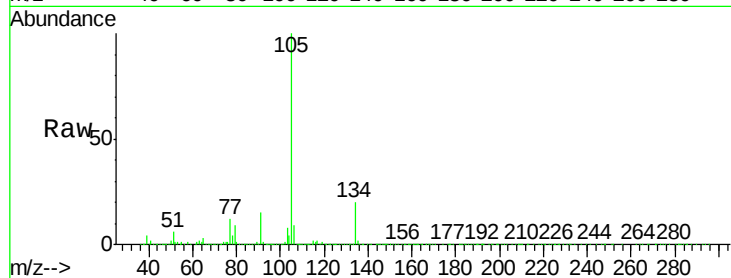
134 20.4 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.583 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014087.D

Acq: 18 Dec 2019 11:31

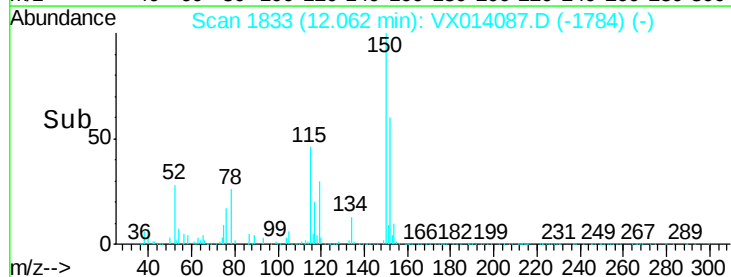
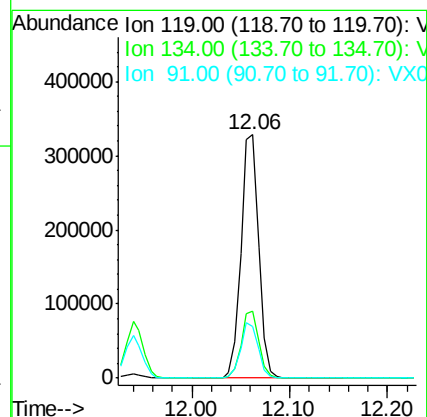
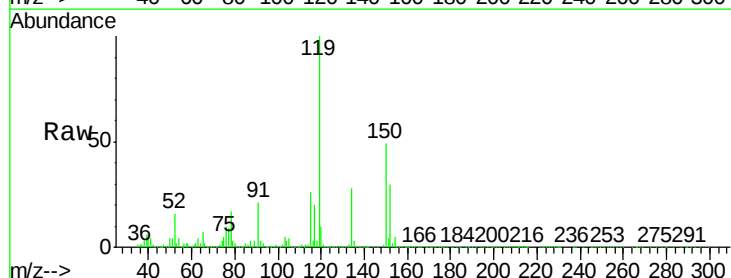
Tgt Ion:119 Resp: 410123

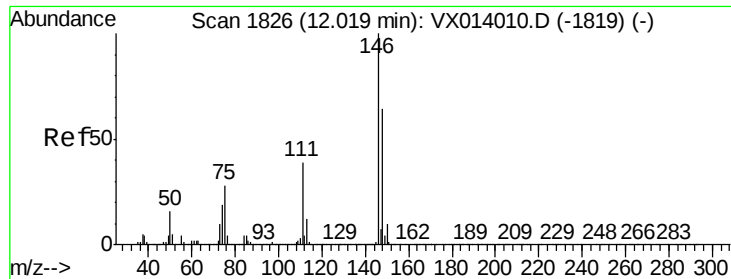
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.6 11.4 34.1





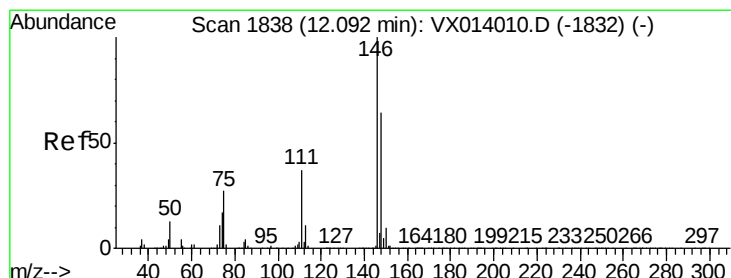
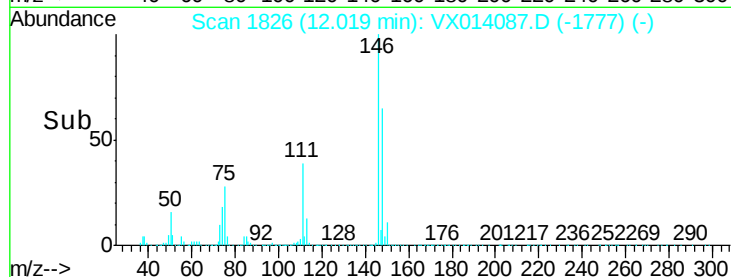
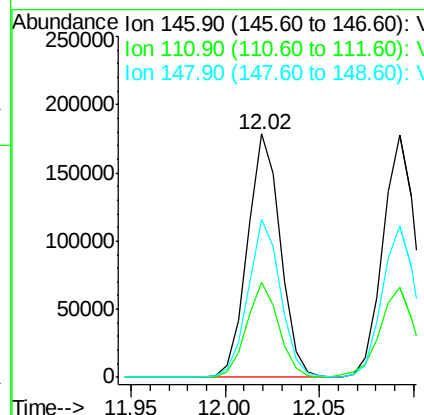
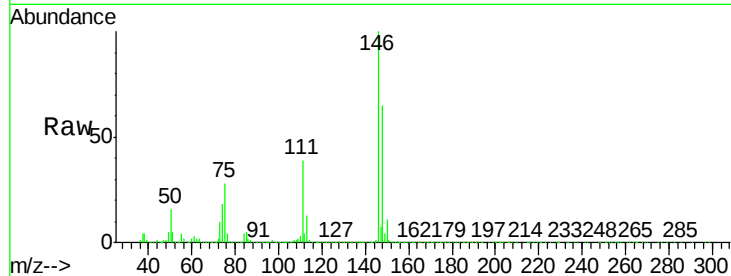
#87
1,3-Dichlorobenzene
Concen: 18.925 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.1
148	64.0	32.3	96.9

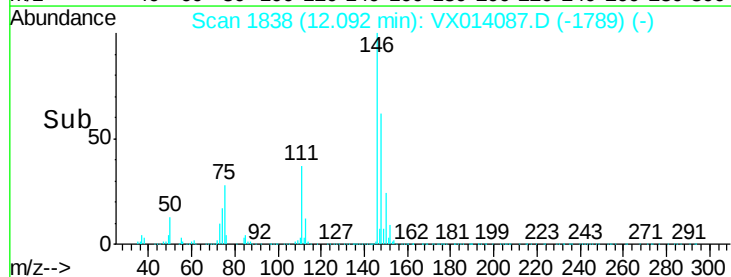
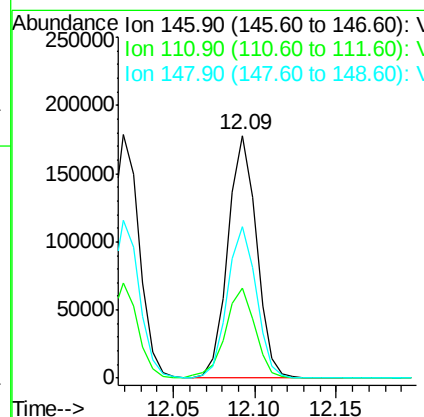
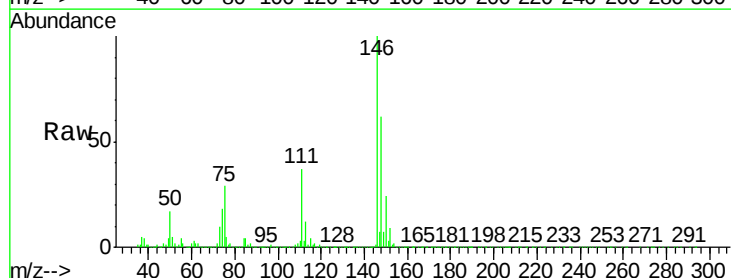
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#88
1,4-Dichlorobenzene
Concen: 18.720 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.7	56.1
148	63.7	31.9	95.9





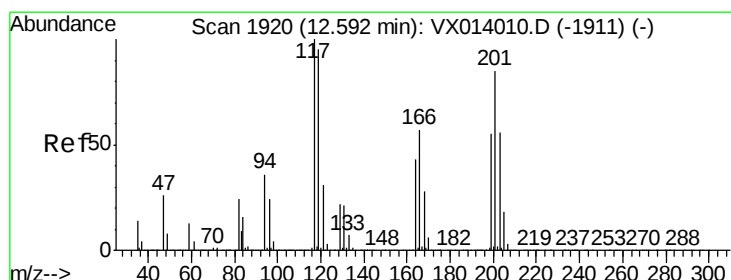
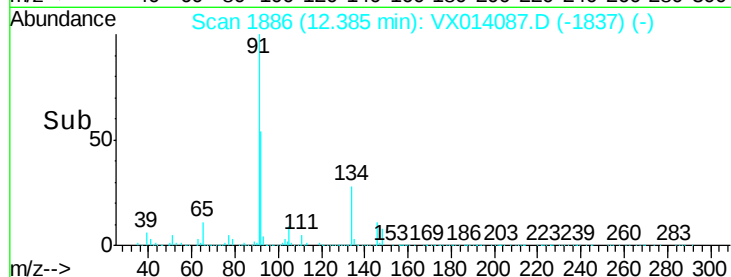
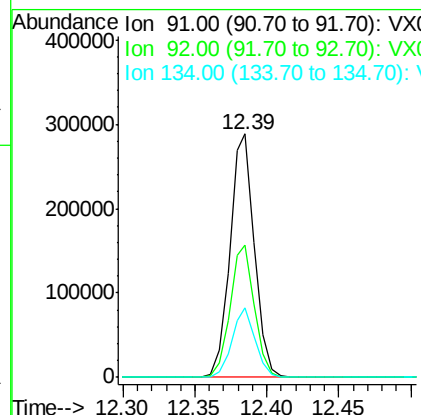
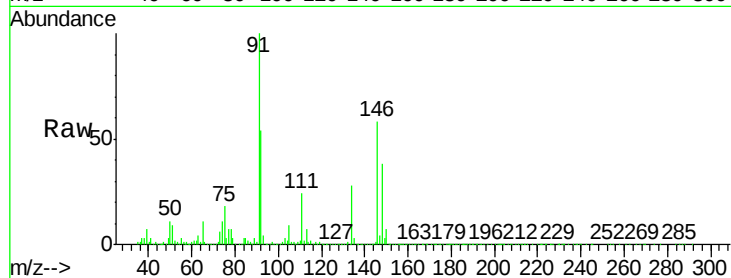
#89
n-Butylbenzene
Concen: 19.262 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	344216		
92	54.3	27.2	81.6	
134	27.4	13.4	40.1	

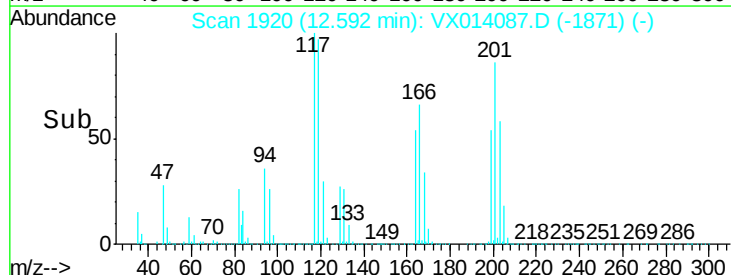
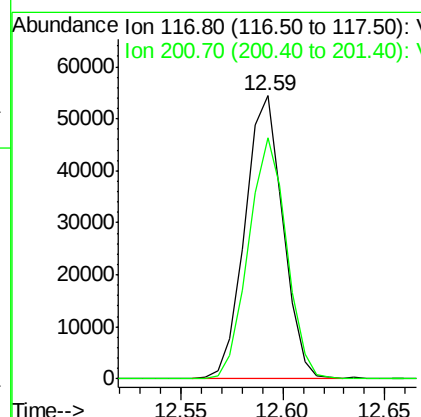
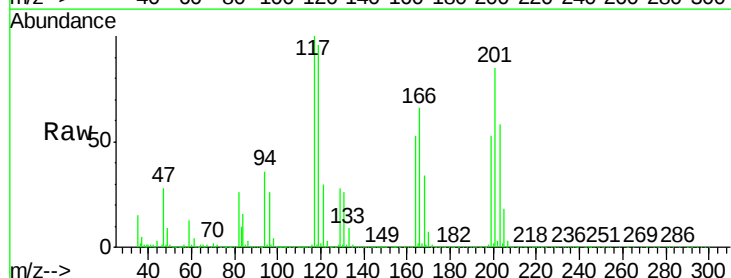
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#90
Hexachloroethane
Concen: 18.724 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	70435		
201	85.5	43.1	129.3	





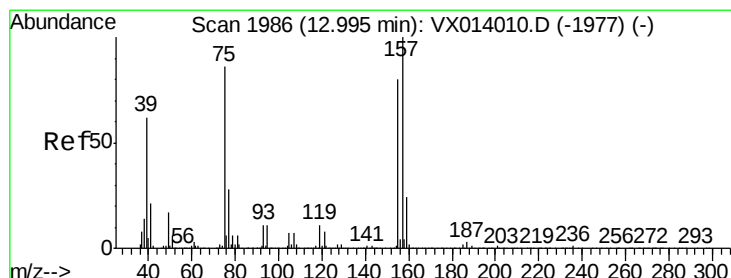
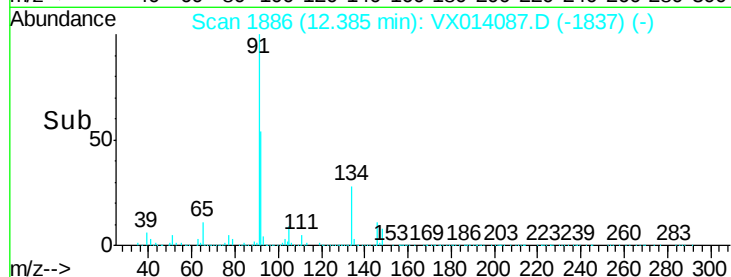
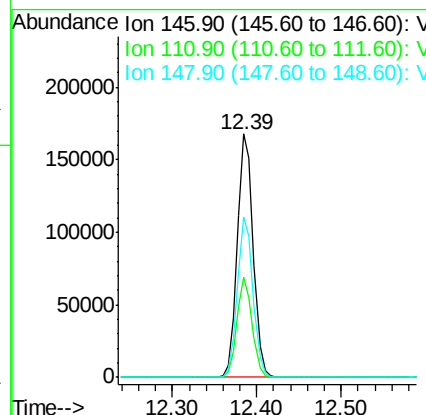
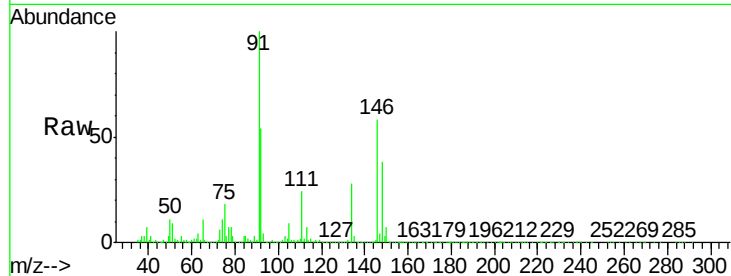
#91
 1,2-Dichlorobenzene
 Concen: 18.737 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014087.D
 Acq: 18 Dec 2019 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.1
148	64.8	32.1	96.5

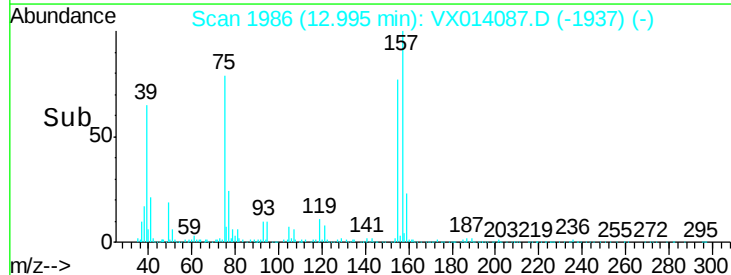
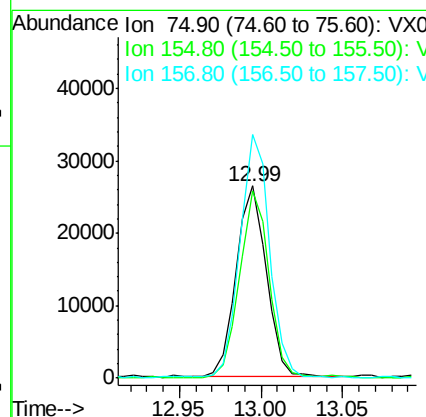
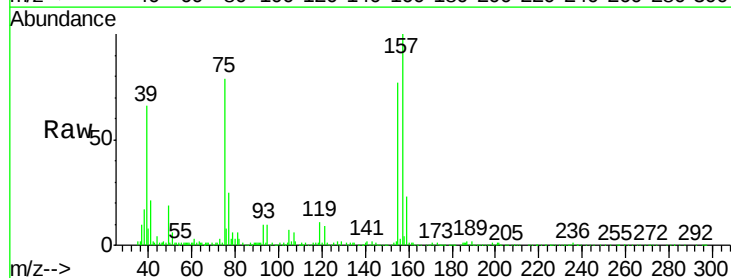
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.647 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014087.D
 Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.9	46.9	140.6
157	127.0	60.8	182.4





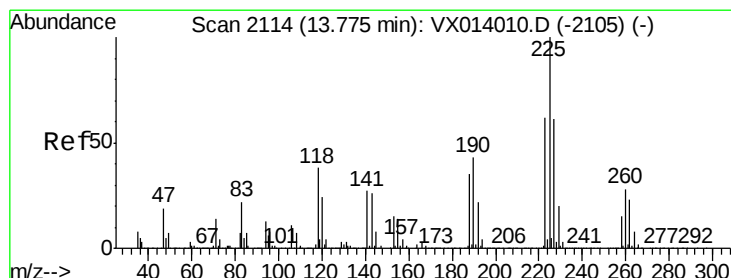
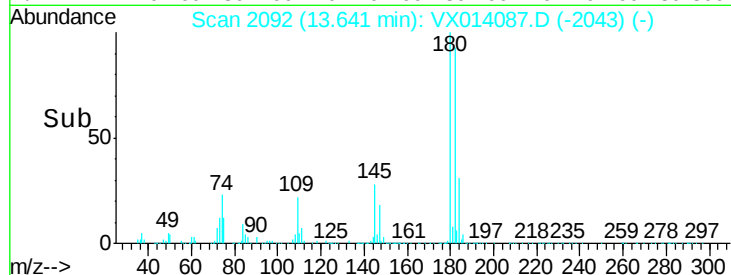
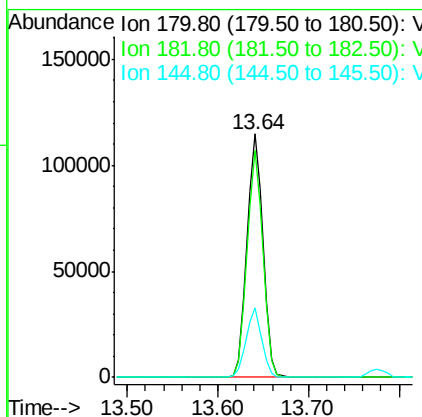
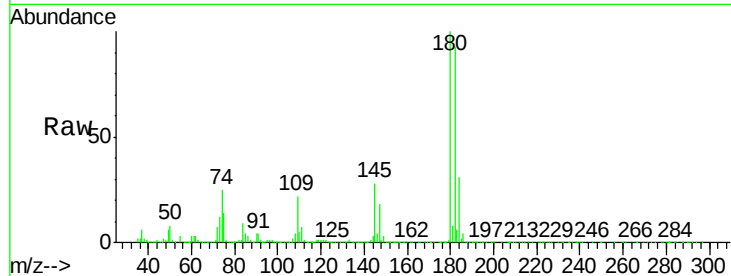
#93
 1,2,4-Trichlorobenzene
 Concen: 18.981 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014087.D
 Acq: 18 Dec 2019 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	141805		
182	91.5	46.6	139.8	
145	27.9	14.2	42.6	

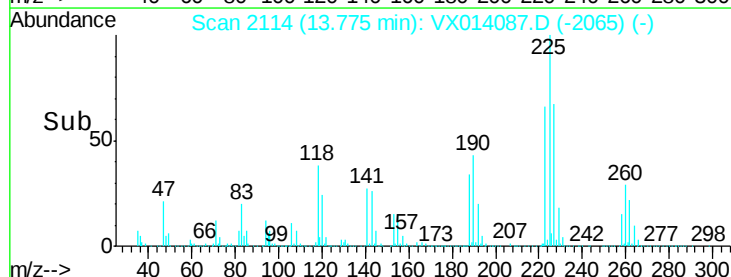
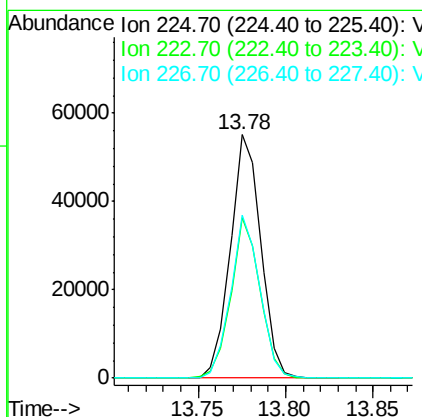
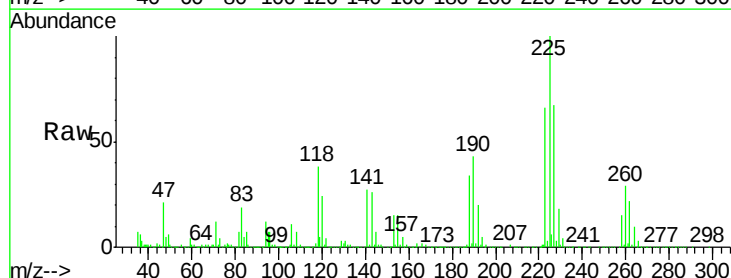
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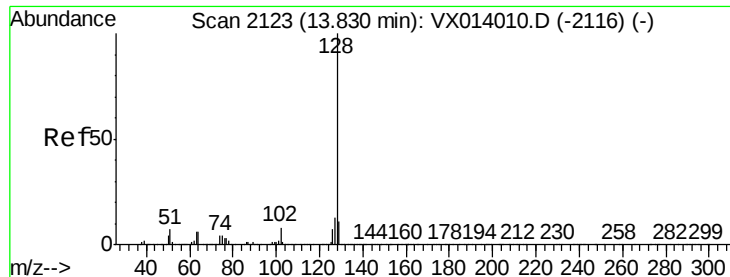
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#94
 Hexachlorobutadiene
 Concen: 18.583 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014087.D
 Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	66723		
223	63.3	30.9	92.5	
227	63.9	30.9	92.7	





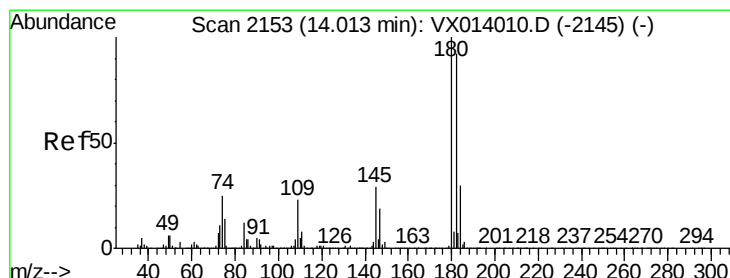
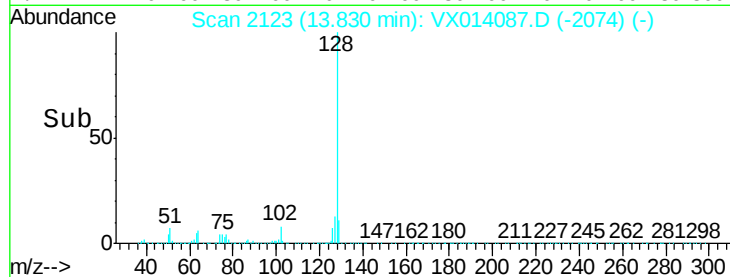
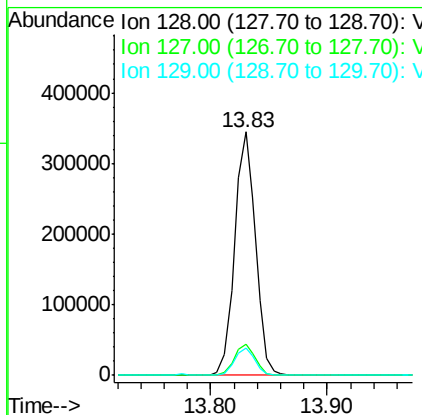
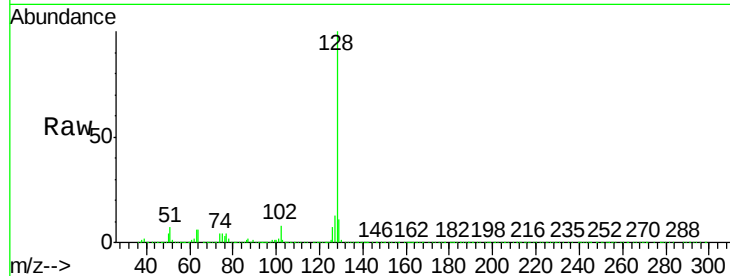
#95
Naphthalene
Concen: 19.567 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	429498		
127	12.9	10.2	15.4	
129	11.1	8.7	13.1	

Manual Integrations
APPROVED

apatel
12/19/2019 11:51:00 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.409 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014087.D
Acq: 18 Dec 2019 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	143140		
182	94.6	46.8	140.3	
145	29.7	14.8	44.4	

