

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122319\
 Data File : VX014200.D
 Acq On : 23 Dec 2019 14:26
 Operator : JC/SP
 Sample : VX1223WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBSD01

Manual Integrations
 APPROVED

apatel
 12/24/2019 8:53:06 AM

Quant Time: Dec 24 02:53:36 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	515873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	794967	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	713198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	347525	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	292547	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
35) Dibromofluoromethane	5.49	113	242081	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
50) Toluene-d8	8.71	98	946379	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.14	95	330361	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	89072	19.300	ug/l	100
3) Chloromethane	1.32	50	123592	19.955	ug/l	100
4) Vinyl Chloride	1.40	62	128559	19.671	ug/l	100
5) Bromomethane	1.63	94	79757	17.195	ug/l	99
6) Chloroethane	1.72	64	86533	21.453	ug/l	97
7) Trichlorofluoromethane	1.92	101	168405	20.816	ug/l	98
8) Diethyl Ether	2.18	74	77025	20.286	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	100539	20.616	ug/l	97
10) Methyl Iodide	2.50	142	108643	18.628	ug/l	98
11) Tert butyl alcohol	3.03	59	136606	108.131	ug/l	99
12) 1,1-Dichloroethene	2.37	96	101311	20.416	ug/l	98
13) Acrolein	2.28	56	69752	96.452	ug/l	99
14) Allyl chloride	2.72	41	185340	20.918	ug/l	99
15) Acrylonitrile	3.13	53	319101	108.217	ug/l	99
16) Acetone	2.43	43	331863	87.430	ug/l	99
17) Carbon Disulfide	2.56	76	255279	19.002	ug/l	99
18) Methyl Acetate	2.76	43	167543	22.275	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	350576	21.499	ug/l	99
20) Methylene Chloride	2.85	84	120114	20.095	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	108480	19.843	ug/l	99
22) Diisopropyl ether	3.84	45	379601	21.500	ug/l	99
23) Vinyl Acetate	3.80	43	1600401	111.074	ug/l	99
24) 1,1-Dichloroethane	3.69	63	203358	20.702	ug/l	98
25) 2-Butanone	4.65	43	471673	100.791	ug/l	98
26) 2,2-Dichloropropane	4.58	77	161228	21.140	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	127962	20.696	ug/l	99
28) Bromochloromethane	5.00	49	74099	19.890	ug/l	99
29) Tetrahydrofuran	5.12	42	291605	111.406	ug/l	100
30) Chloroform	5.20	83	197211	21.178	ug/l	98
31) Cyclohexane	5.57	56	182100	20.843	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	167120	21.057	ug/l	100
36) 1,1-Dichloropropene	5.79	75	146903	20.139	ug/l	99
37) Ethyl Acetate	4.82	43	174405	21.652	ug/l	99
38) Carbon Tetrachloride	5.78	117	139655	21.017	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	179593	19.940	ug/l	97
40) Benzene	6.14	78	460246	20.507	ug/l	100
41) Methacrylonitrile	5.03	41	94994	21.255	ug/l	99
42) 1,2-Dichloroethane	6.18	62	157509	20.703	ug/l	98
43) Isopropyl Acetate	6.43	43	284226	21.322	ug/l	99
44) Trichloroethene	7.21	130	126246	20.365	ug/l	100
45) 1,2-Dichloropropane	7.51	63	118256	20.557	ug/l	98
46) Dibromomethane	7.65	93	77089	20.269	ug/l	99
47) Bromodichloromethane	7.89	83	148299	20.704	ug/l	100
48) Methyl methacrylate	7.76	41	139351	21.348	ug/l	99
49) 1,4-Dioxane	7.73	88	59175	445.467	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	893434	106.719	ug/l	100
52) Toluene	8.78	92	289459	20.405	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	163826	20.859	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	187395	21.416	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	118994	20.929	ug/l	96
56) Ethyl methacrylate	9.17	69	188440	21.099	ug/l	99
57) 1,3-Dichloropropane	9.37	76	202060	21.123	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	349070	103.280	ug/l	100
59) 2-Hexanone	9.48	43	697844	103.548	ug/l	99
60) Dibromochloromethane	9.57	129	121452	21.490	ug/l	98
61) 1,2-Dibromoethane	9.67	107	125176	21.518	ug/l	98
64) Tetrachloroethene	9.33	164	142227	22.537	ug/l	97
65) Chlorobenzene	10.14	112	312148	20.584	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	114535	21.153	ug/l	99
67) Ethyl Benzene	10.25	91	548928	21.055	ug/l	99
68) m/p-Xylenes	10.35	106	412918	41.179	ug/l	100
69) o-Xylene	10.70	106	202677	20.609	ug/l	98
70) Styrene	10.71	104	344430	20.712	ug/l	99
71) Bromoform	10.85	173	90112	20.704	ug/l	97
73) Isopropylbenzene	11.01	105	536896	21.942	ug/l	100
74) N-amyl acetate	10.89	43	250592	21.849	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	179221	21.127	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	149391m	19.801	ug/l	
77) Bromobenzene	11.25	156	139590	20.735	ug/l	100
78) n-propylbenzene	11.35	91	601360	21.911	ug/l	100
79) 2-Chlorotoluene	11.42	91	357302	21.416	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	446828	21.698	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56922	21.295	ug/l	94
82) 4-Chlorotoluene	11.51	91	405011	20.928	ug/l	99
83) tert-Butylbenzene	11.76	119	425245	21.220	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	447680	21.708	ug/l	100
85) sec-Butylbenzene	11.94	105	515453	21.788	ug/l	100
86) p-Isopropyltoluene	12.06	119	466906	21.575	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	243525	20.640	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	242946	20.250	ug/l	99
89) n-Butylbenzene	12.38	91	392874	21.276	ug/l	99
90) Hexachloroethane	12.59	117	78489	20.192	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	241653	20.346	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38562	20.542	ug/l	99

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ClientSampleId :
VX1223WBSD01

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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	158136	20.484	ug/l	98
94) Hexachlorobutadiene	13.77	225	77290	20.832	ug/l	96
95) Naphthalene	13.83	128	493811	21.772	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	158955	20.859	ug/l	95

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

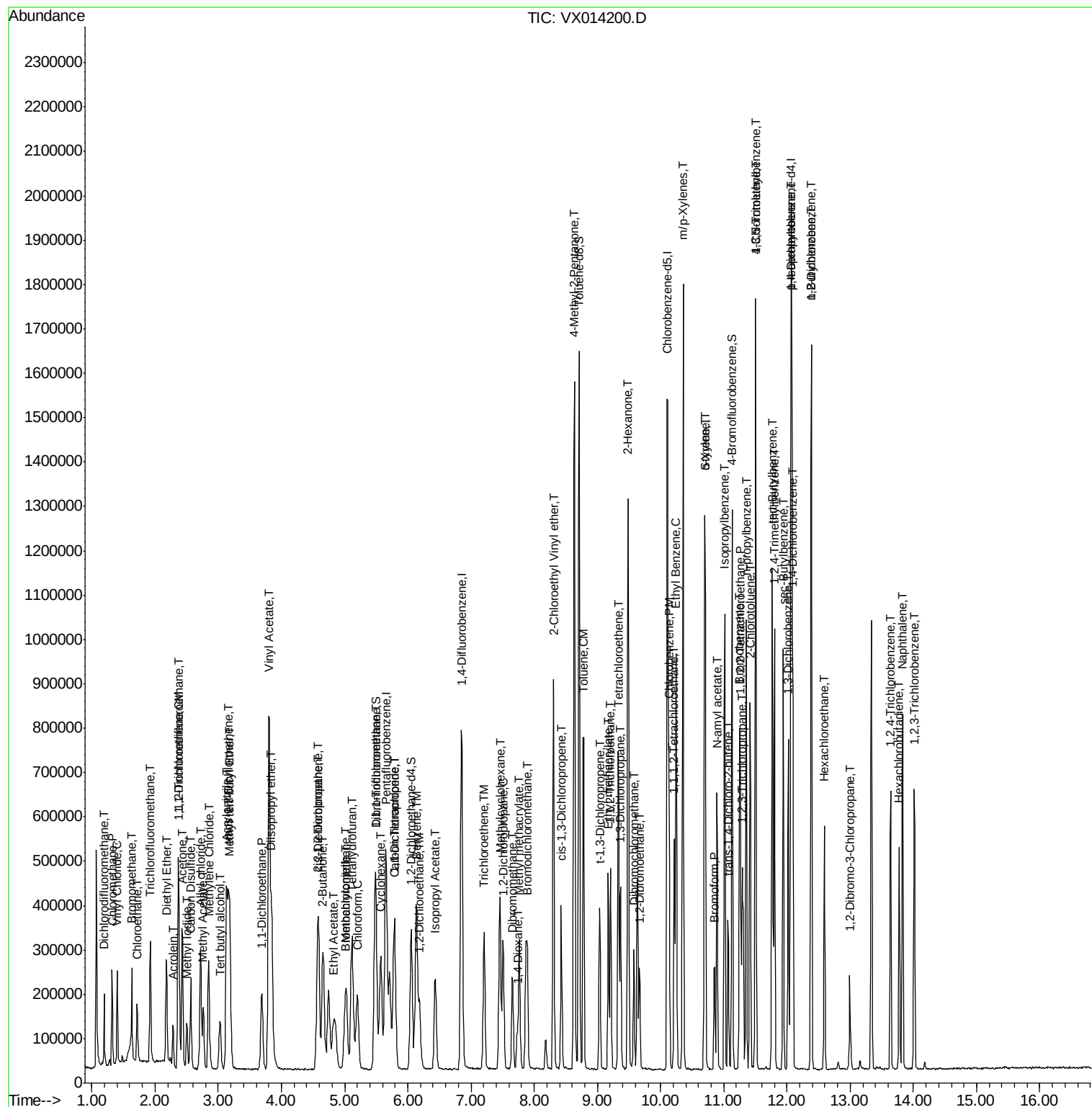
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Data File : VX014200.D
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Sample : VX1223WBSD01
Misc : 5.0mL/MSVOA X/WATER
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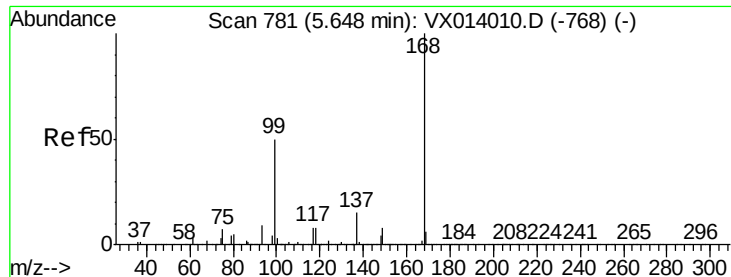
Instrument :
MSVOA_X
ClientSampleID :
VX1223WBSD01

Manual Integrations
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12/24/2019 8:53:06 AM

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBSD01

Tot Ion:168 Resp: 515873

Ion Ratio Lower Upper

168 100

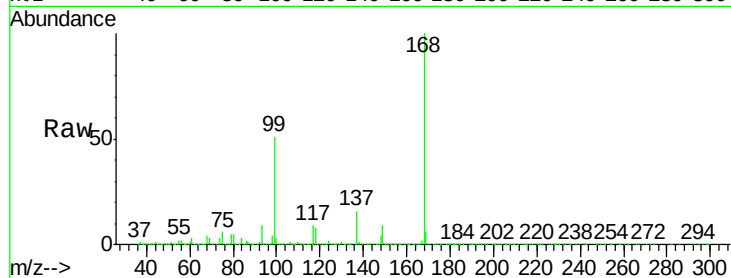
99 50.6 40.3 60.5

Manual Integrations

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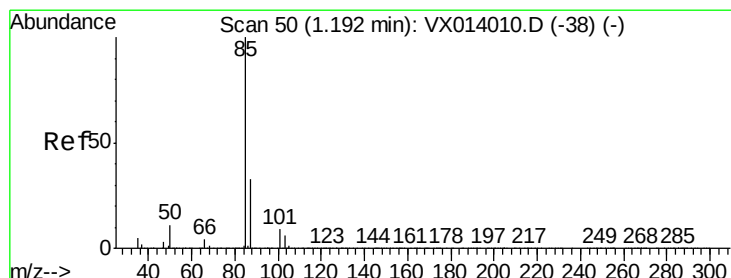
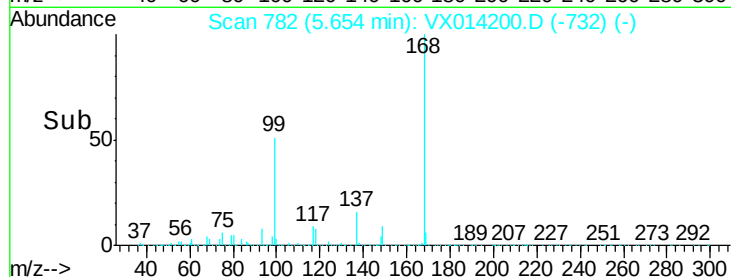
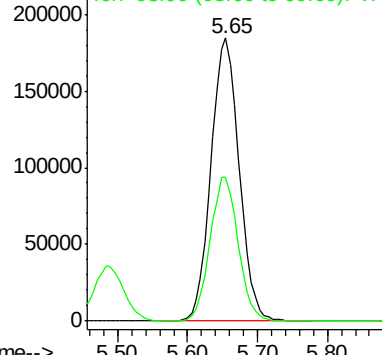
apatel

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.300 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014200.D

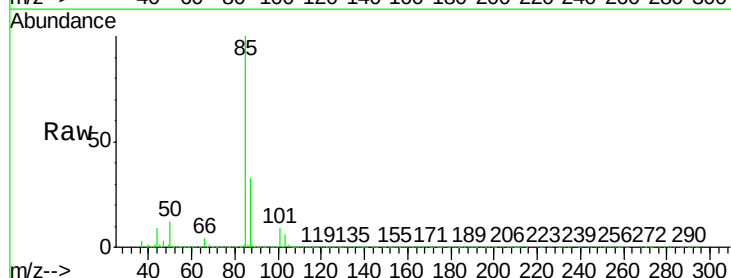
Acq: 23 Dec 2019 14:26

Tgt Ion: 85 Resp: 89072

Ion Ratio Lower Upper

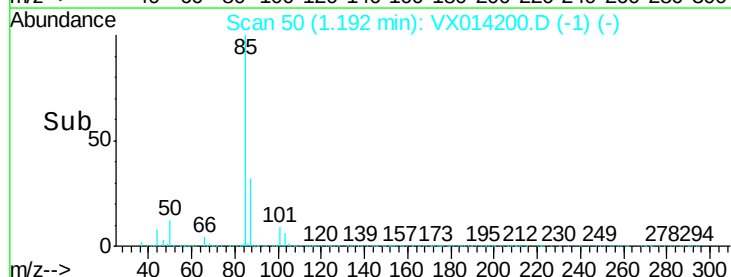
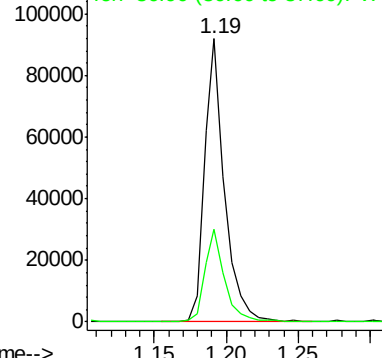
85 100

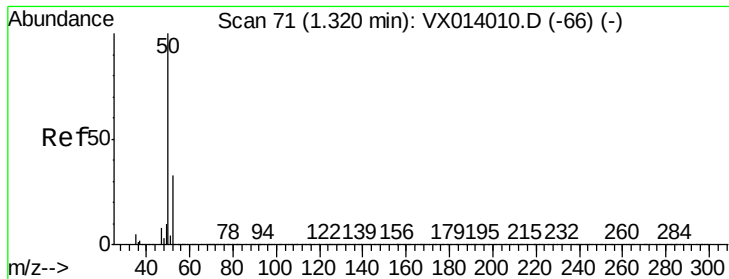
87 32.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.955 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBSD01

Tot Ion: 50 Resp: 123592

Ion Ratio Lower Upper

50 100

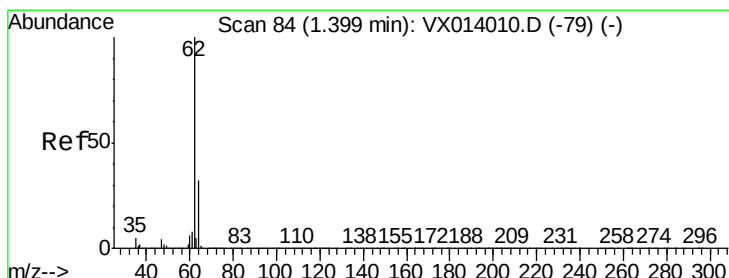
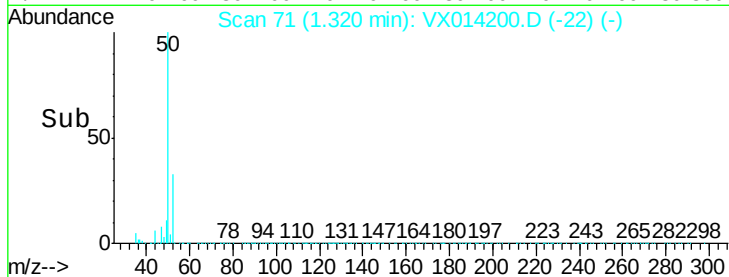
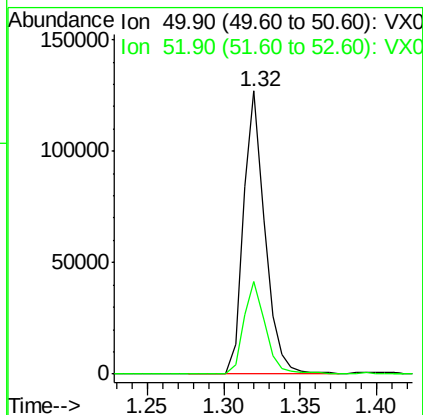
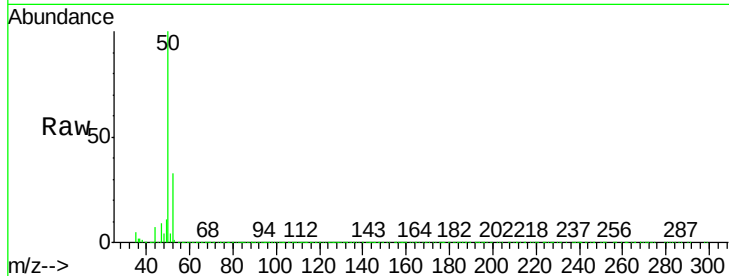
52 32.6 26.2 39.4

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#4

Vinyl Chloride

Concen: 19.671 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014200.D

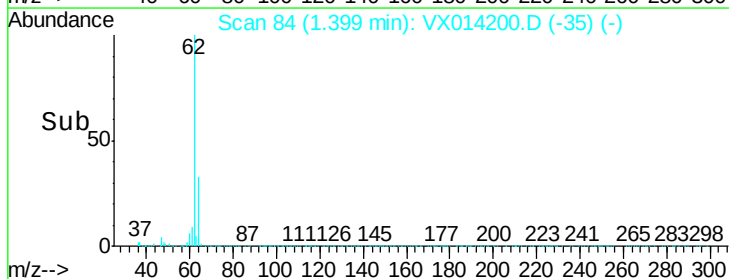
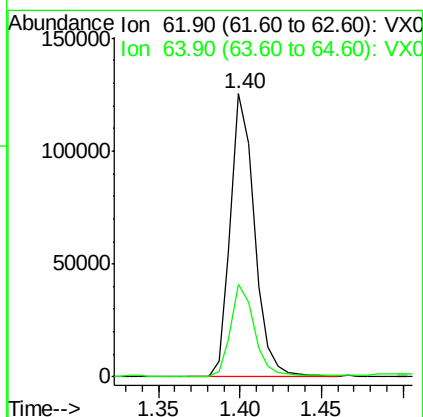
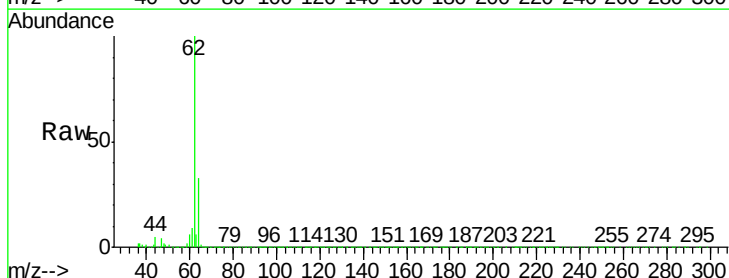
Acq: 23 Dec 2019 14:26

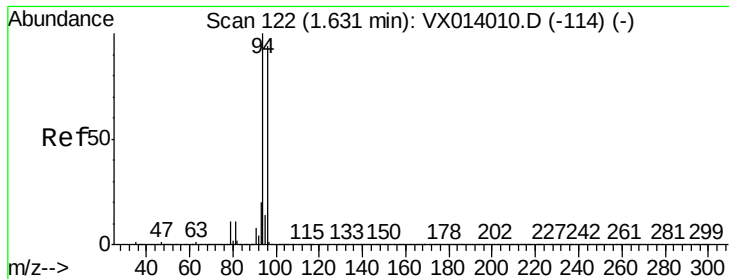
Tgt Ion: 62 Resp: 128559

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5





#5

Bromomethane

Concen: 17.195 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBSD01

Tot Ion: 94 Resp: 79757

Ion Ratio Lower Upper

94 100

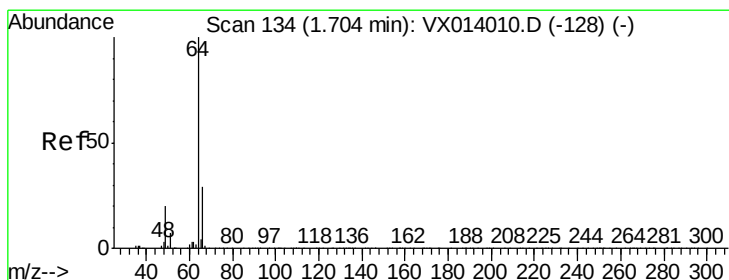
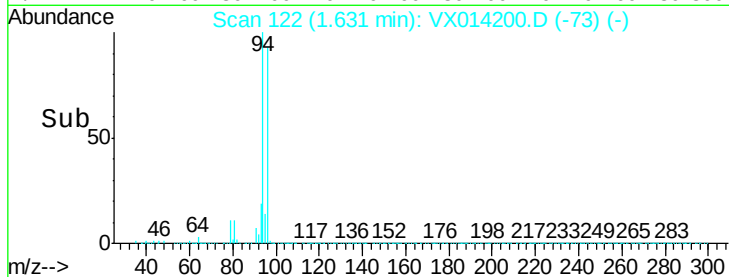
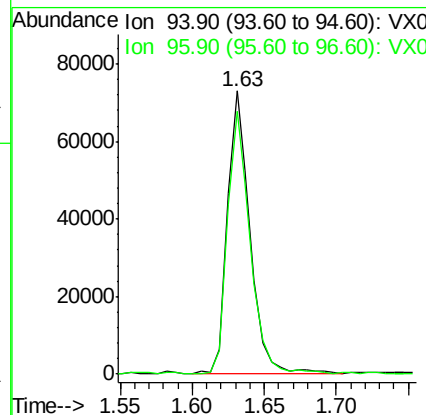
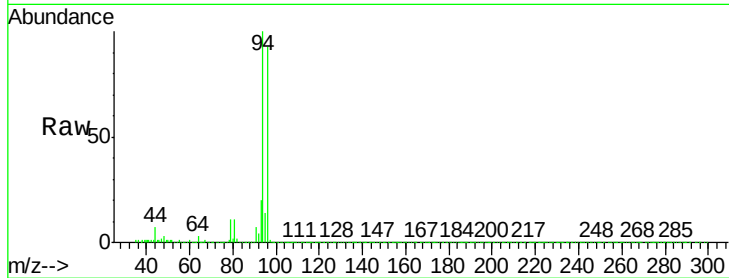
96 92.8 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 21.453 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014200.D

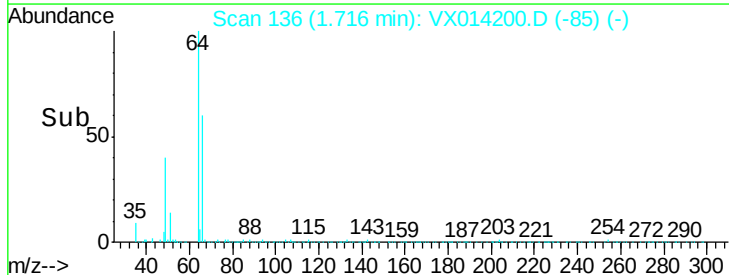
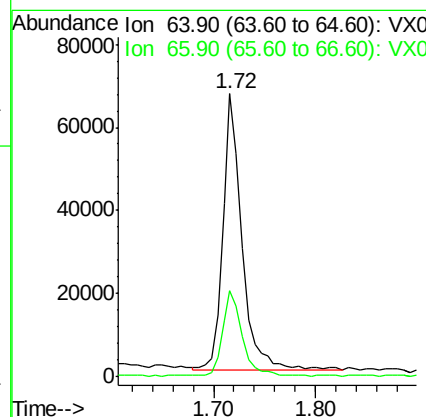
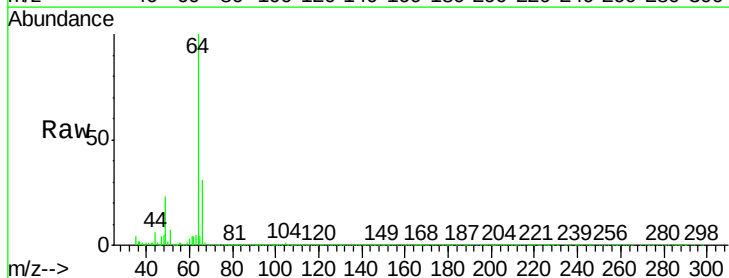
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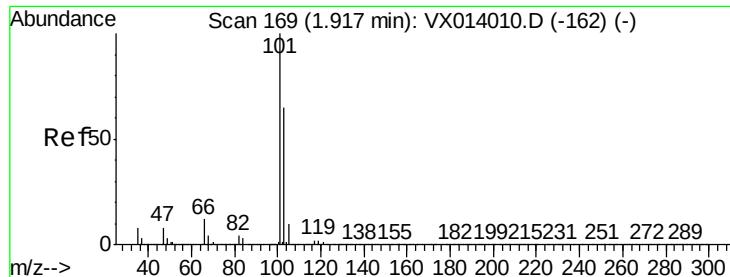
Tgt Ion: 64 Resp: 86533

Ion Ratio Lower Upper

64 100

66 31.1 23.4 35.2





#7

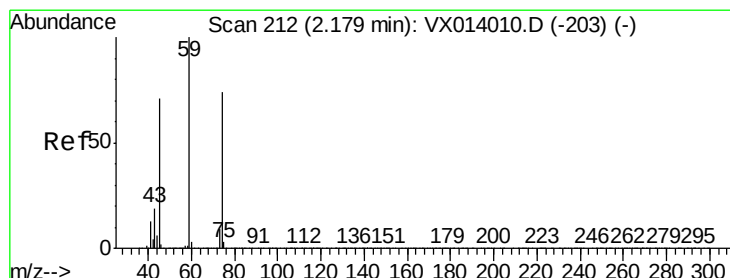
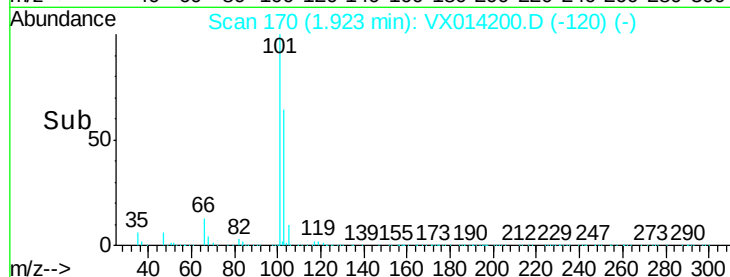
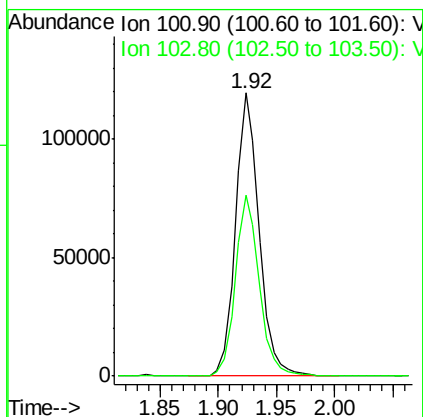
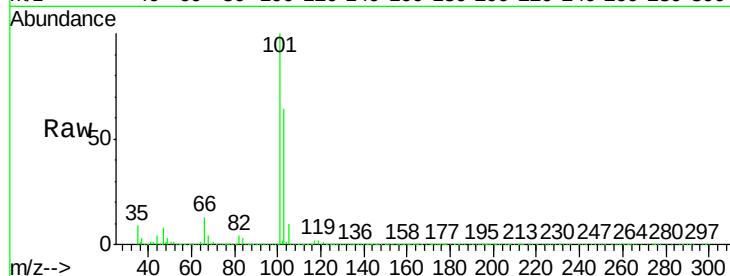
Trichlorofluoromethane
Concen: 20.816 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Instrument :
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ClientSampleId :
VX1223WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.2	78.4

Manual Integrations
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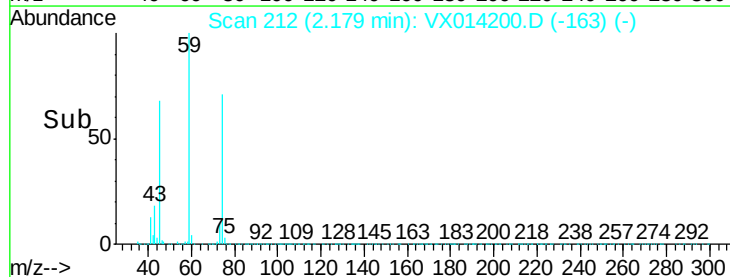
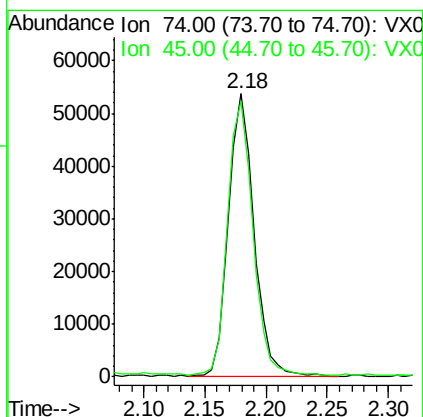
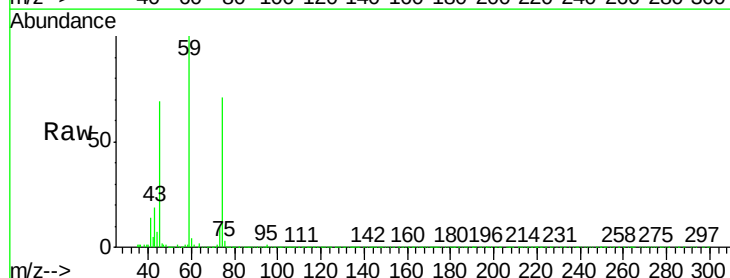
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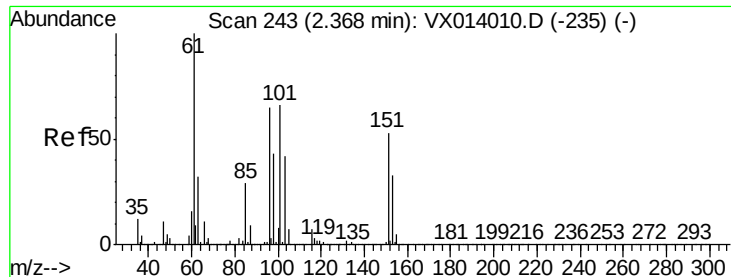


#8

Diethyl Ether
Concen: 20.286 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.9	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.616 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Instrument :

MSVOA_X

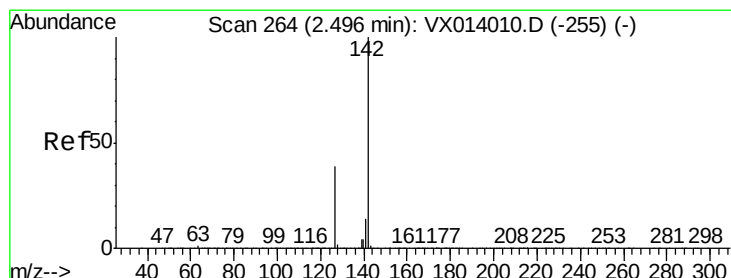
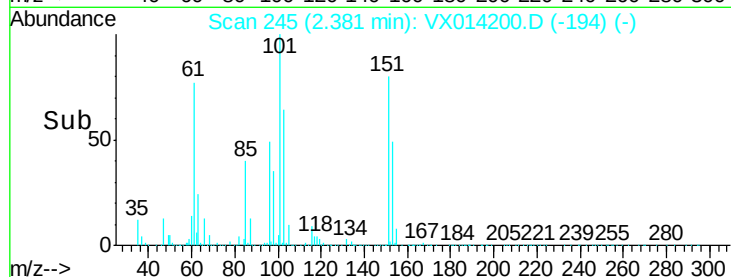
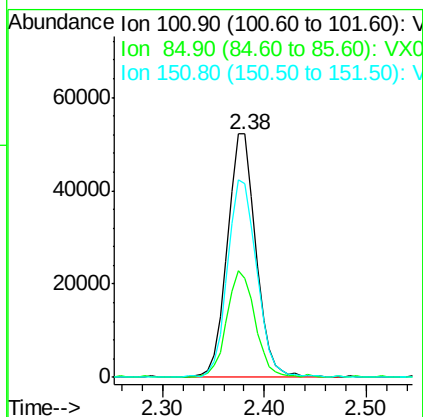
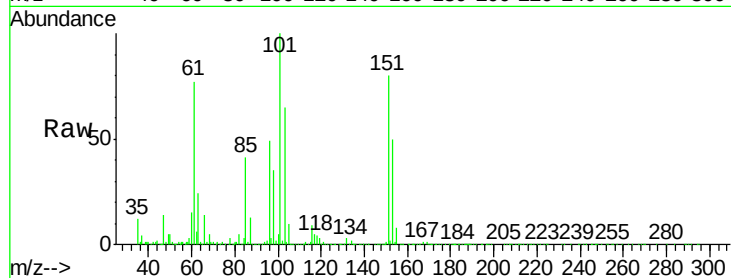
ClientSampleId :

VX1223WBSD01

Tot Ion:	101	Resp:	100539
Ion Ratio	Lower	Upper	
101	100		
85	43.1	33.7	50.5
151	84.0	64.5	96.7

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#10

Methyl Iodide

Concen: 18.628 ug/l

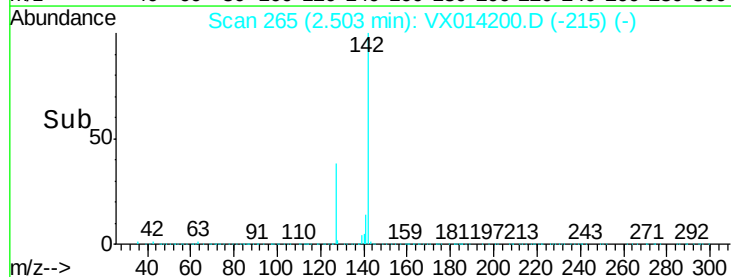
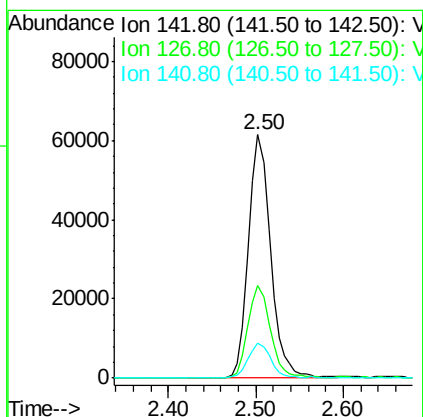
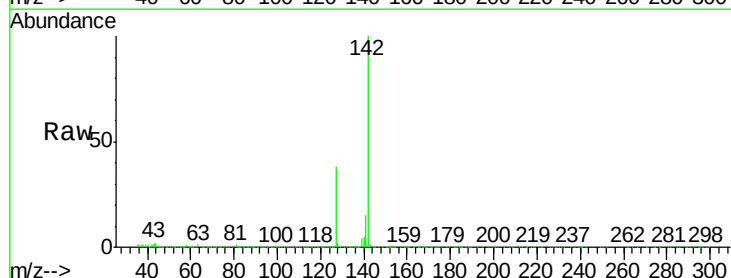
RT: 2.50 min Scan# 265

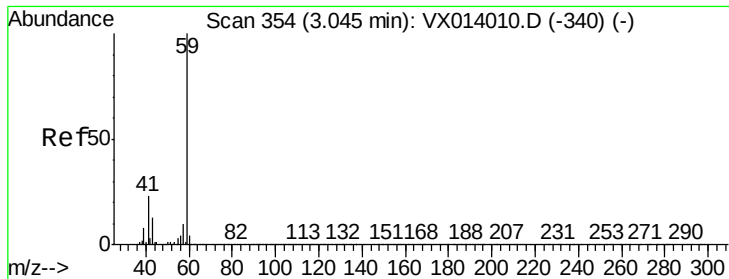
Delta R.T. 0.01 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Tgt Ion:	142	Resp:	108643
Ion Ratio	Lower	Upper	
142	100		
127	38.0	31.6	47.4
141	14.4	11.6	17.4





#11

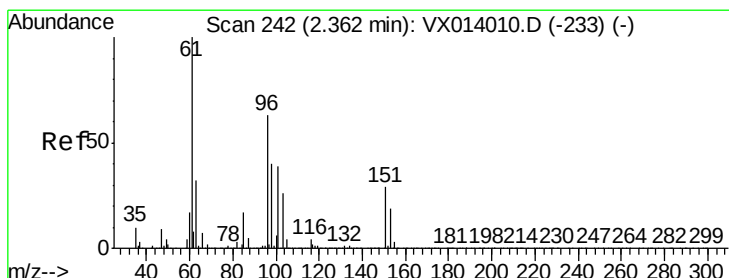
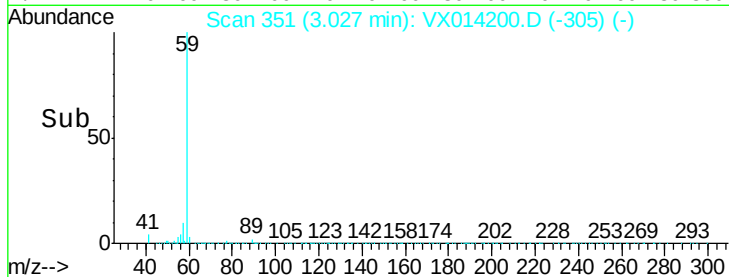
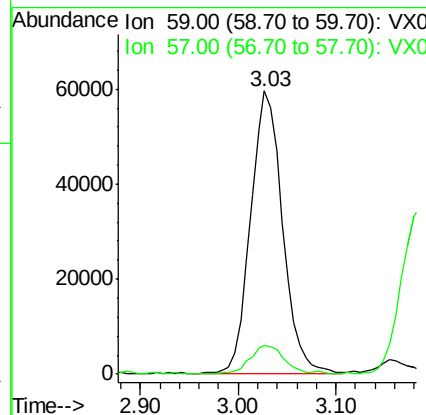
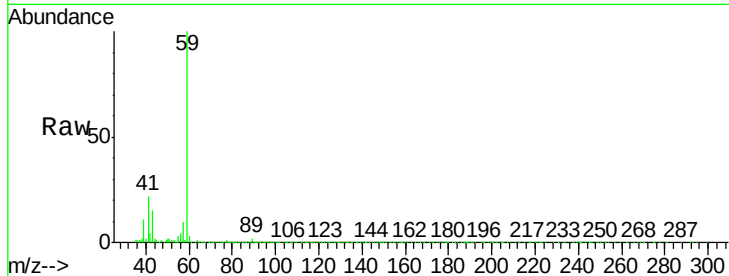
Tert butyl alcohol
Concen: 108.131 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.4	12.6

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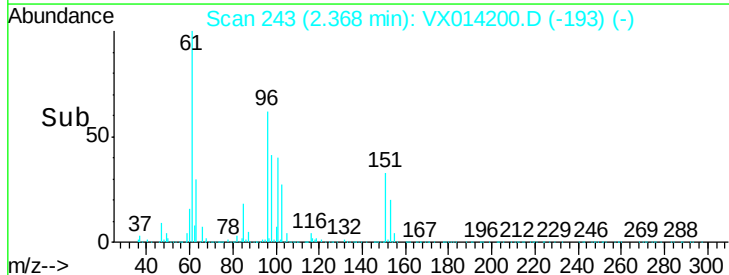
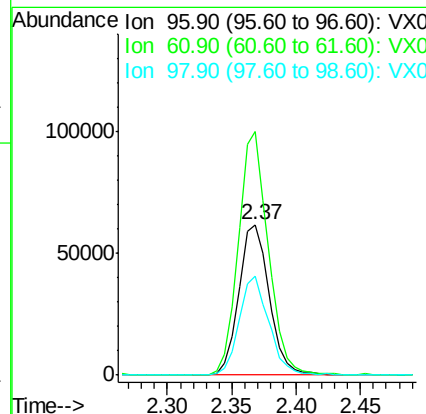
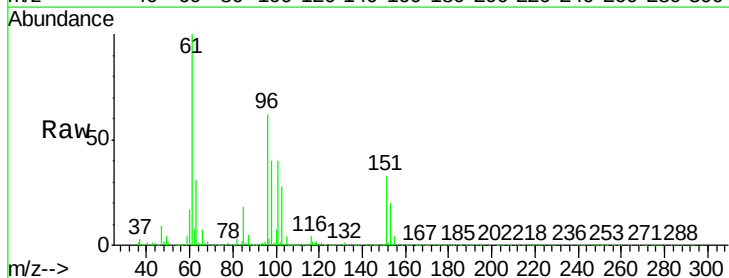
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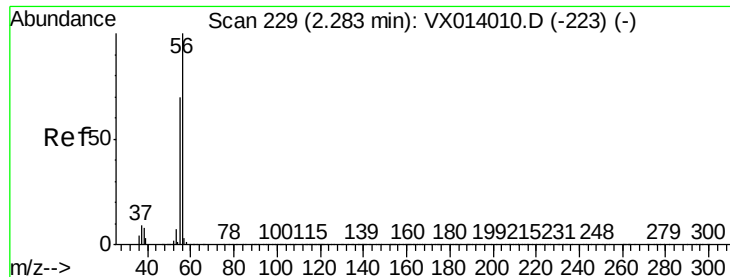


#12

1,1-Dichloroethene
Concen: 20.416 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.8	127.9	191.9
98	65.4	50.5	75.7





#13

Acrolein

Concen: 96.452 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBSD01

Tot Ion: 56 Resp: 69752

Ion Ratio Lower Upper

56 100

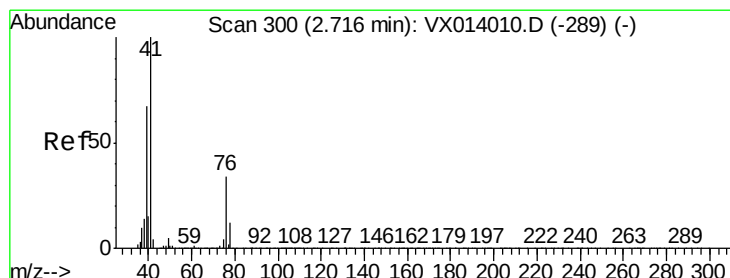
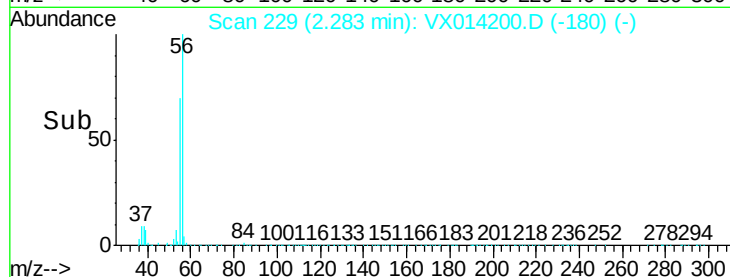
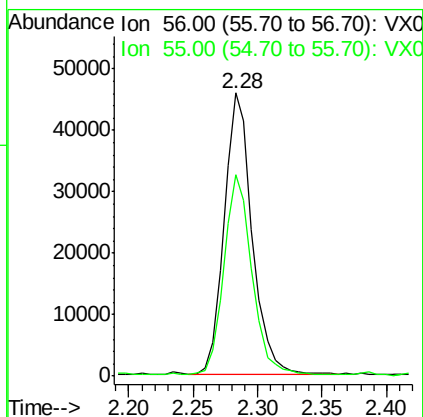
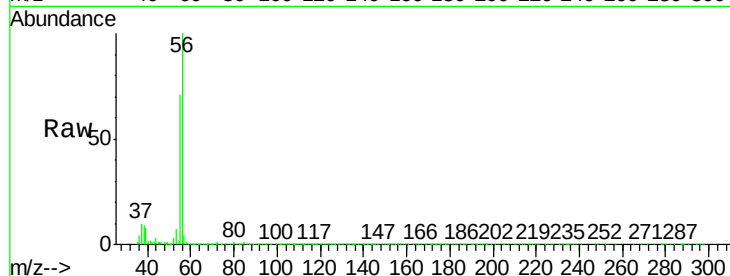
55 71.7 56.9 85.3

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#14

Allyl chloride

Concen: 20.918 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

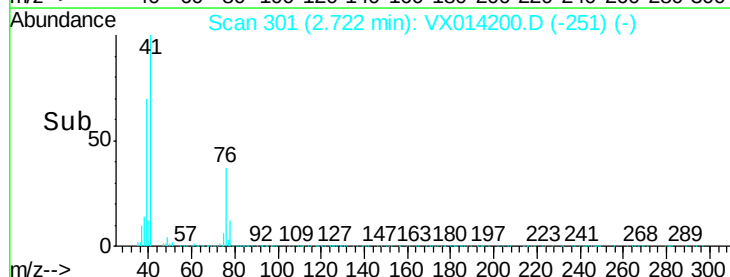
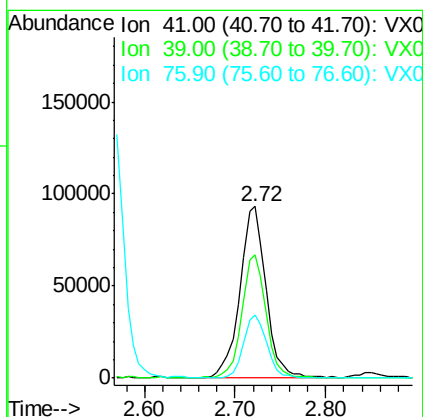
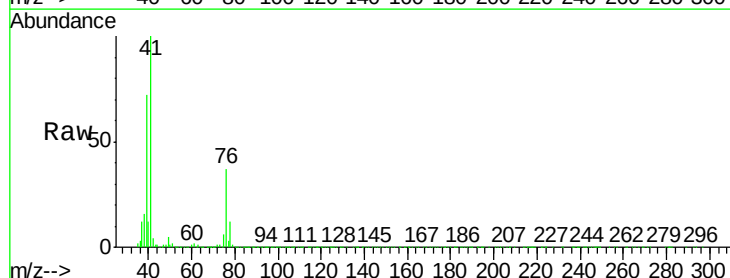
Tgt Ion: 41 Resp: 185340

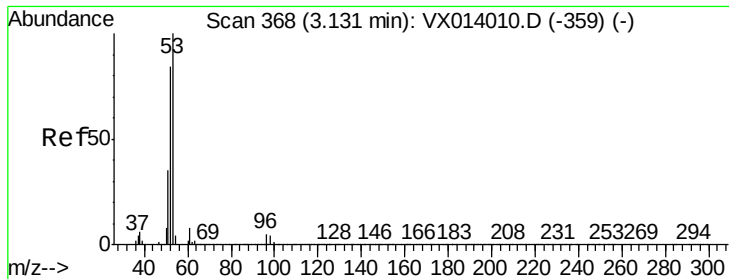
Ion Ratio Lower Upper

41 100

39 66.0 51.8 77.8

76 32.4 25.9 38.9





#15

Acrylonitrile

Concen: 108.217 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Instrument :

MSVOA_X

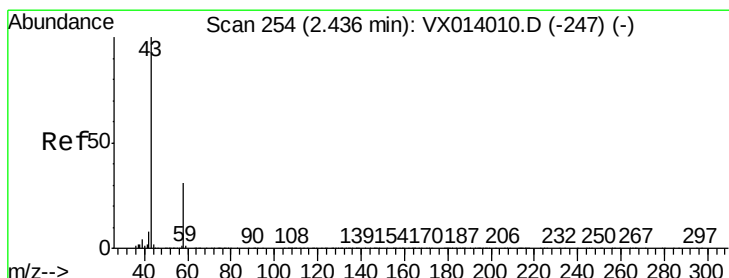
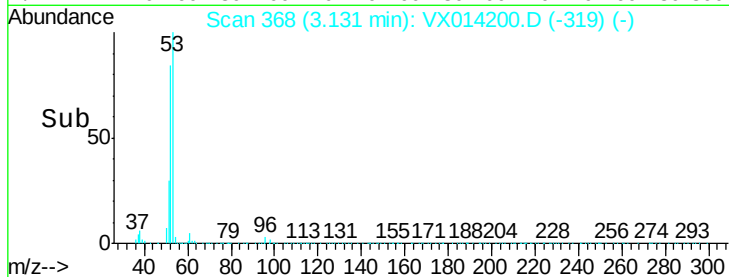
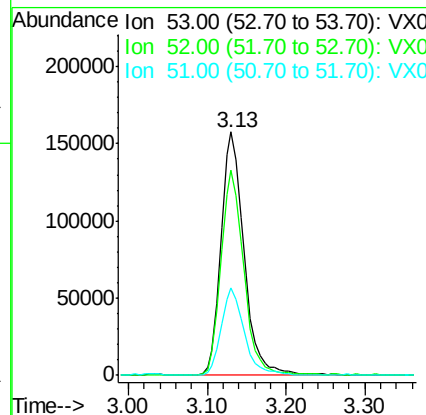
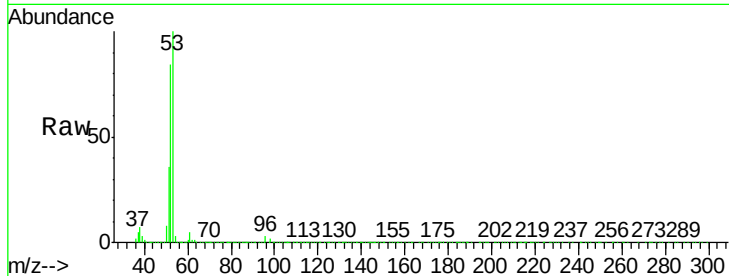
ClientSampleId :

VX1223WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
53	100		319101		
52	83.7	66.5	99.7		
51	35.8	28.1	42.1		

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#16

Acetone

Concen: 87.430 ug/l

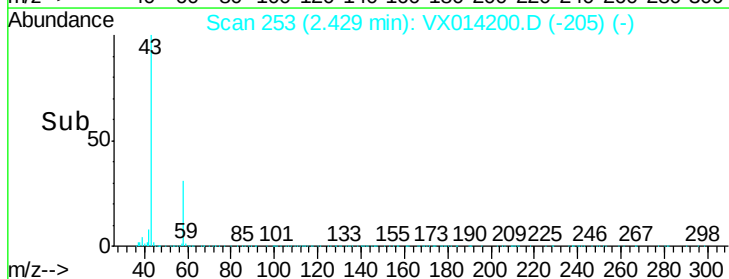
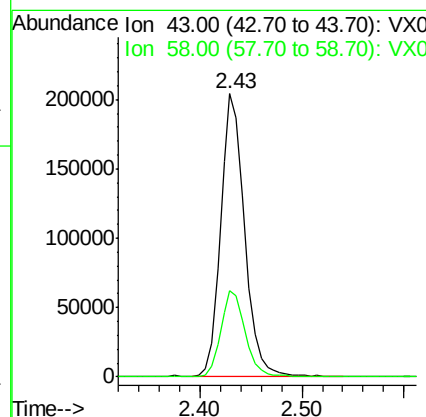
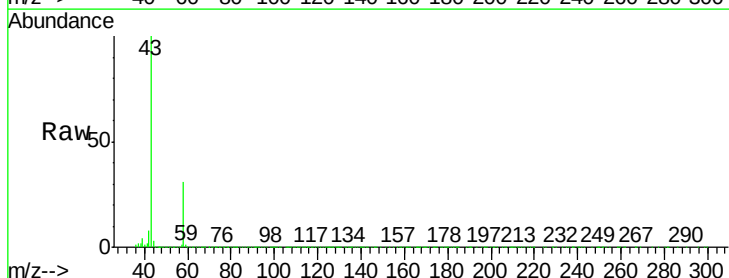
RT: 2.43 min Scan# 253

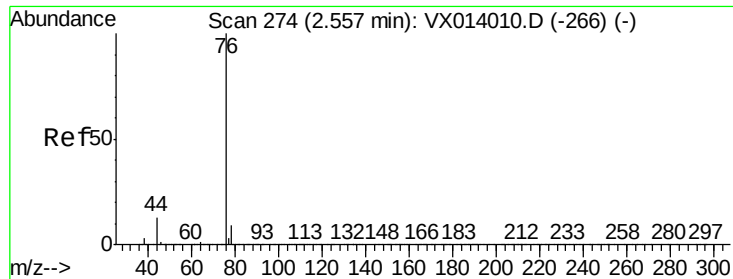
Delta R.T. -0.01 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		331863		
58	30.5	24.9	37.3		





#17

Carbon Disulfide

Concen: 19.002 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBSD01

Tot Ion: 76 Resp: 255279

Ion Ratio Lower Upper

76 100

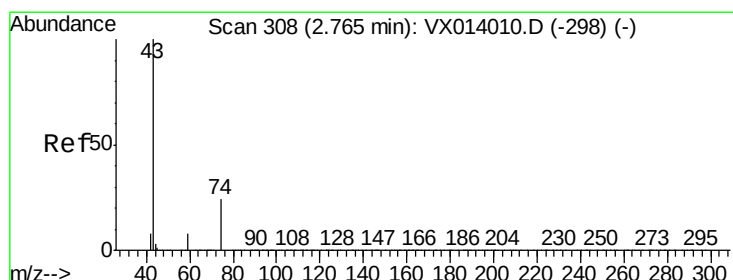
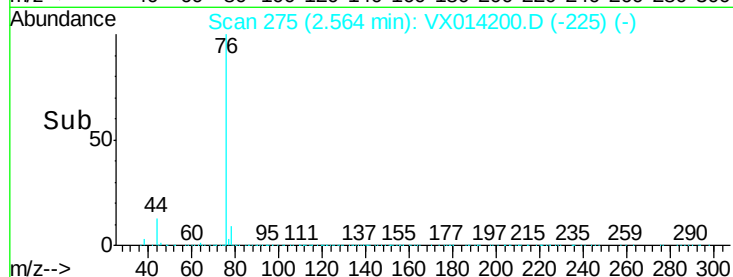
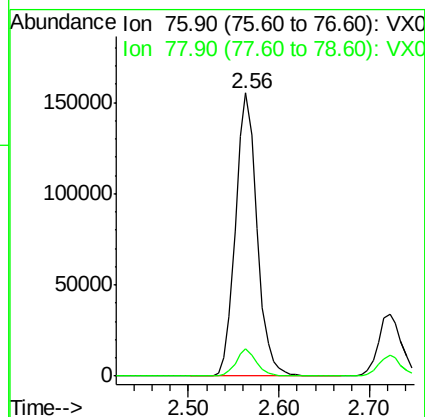
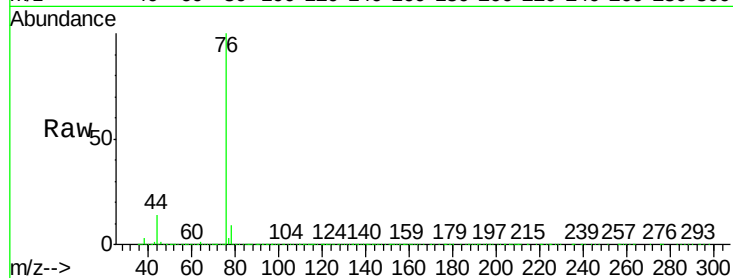
78 9.5 7.2 10.8

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#18

Methyl Acetate

Concen: 22.275 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014200.D

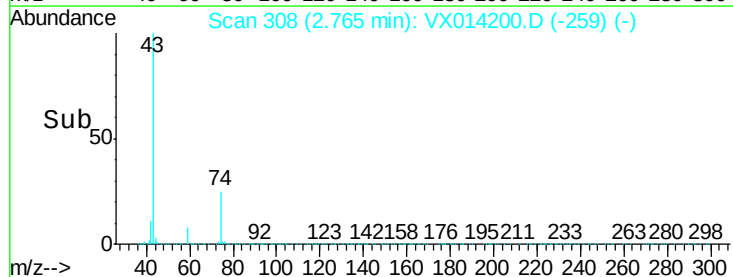
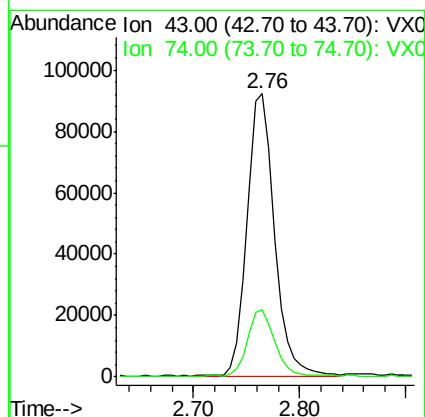
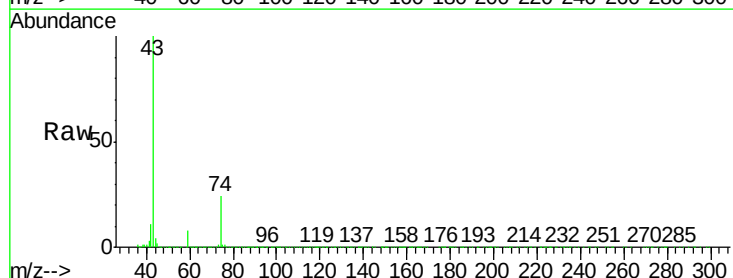
Acq: 23 Dec 2019 14:26

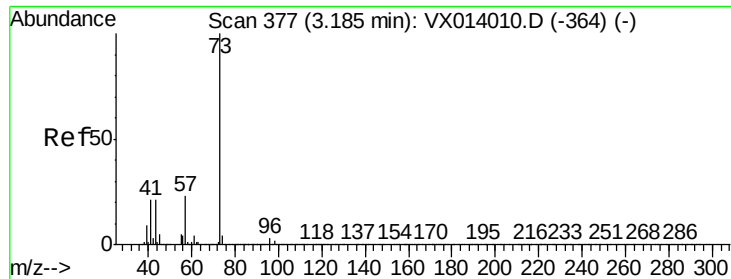
Tgt Ion: 43 Resp: 167543

Ion Ratio Lower Upper

43 100

74 23.1 19.5 29.3





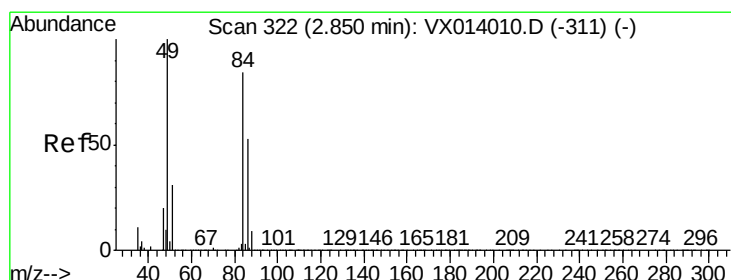
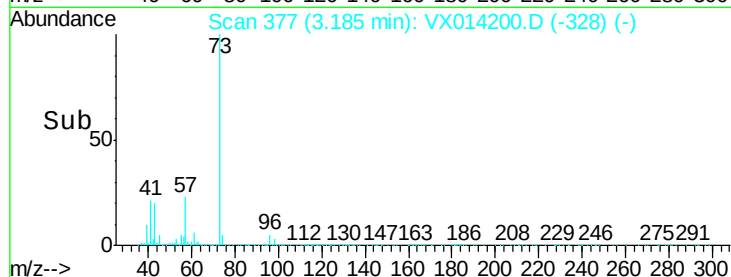
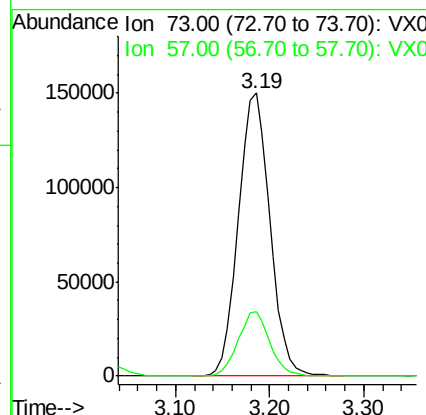
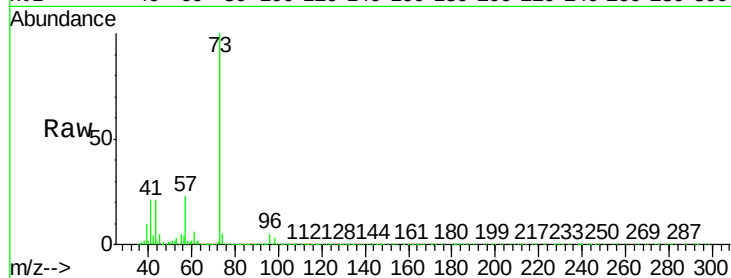
#19
Methyl tert-butyl Ether
Concen: 21.499 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.9	18.8	28.2

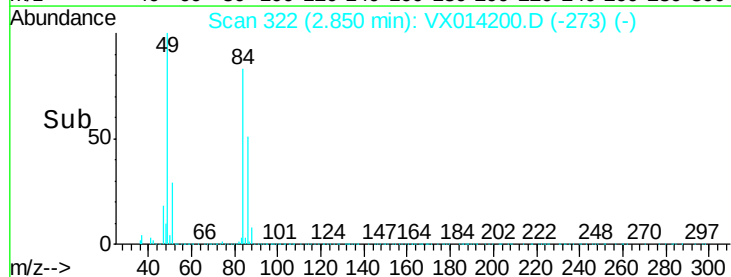
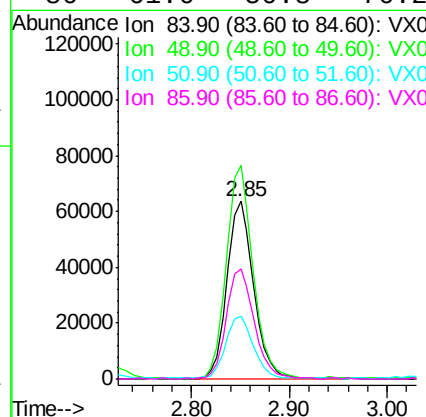
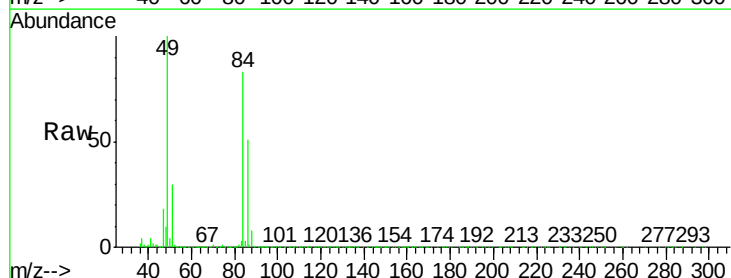
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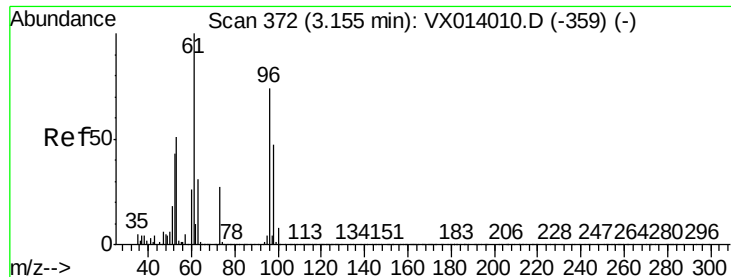
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#20
Methylene Chloride
Concen: 20.095 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.3	95.8	143.6
51	35.3	29.8	44.8
86	61.6	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 19.843 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Instrument :

MSVOA_X

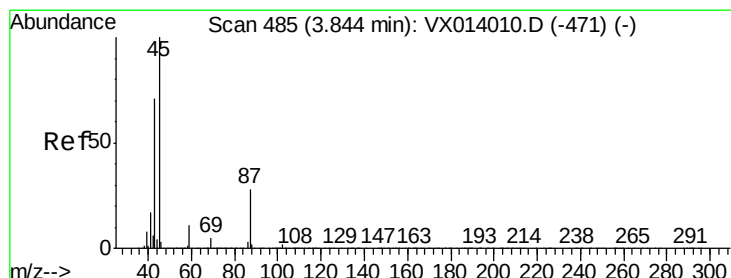
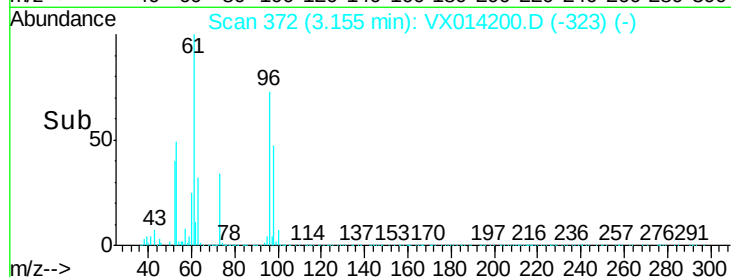
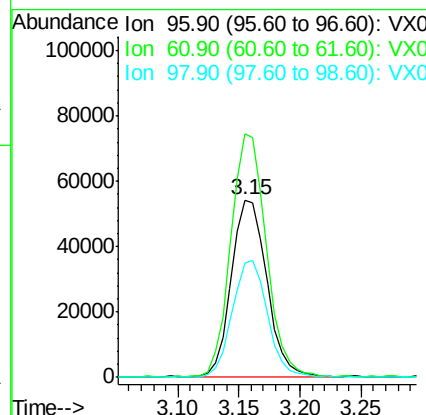
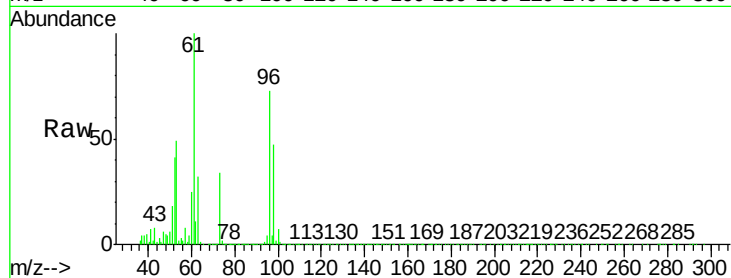
ClientSampleId :

VX1223WBSD01

Tot Ion:	96	Resp:	108480
Ion Ratio	Lower	Upper	
96	100		
61	136.9	108.3	162.5
98	64.4	50.8	76.2

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#22

Diisopropyl ether

Concen: 21.500 ug/l

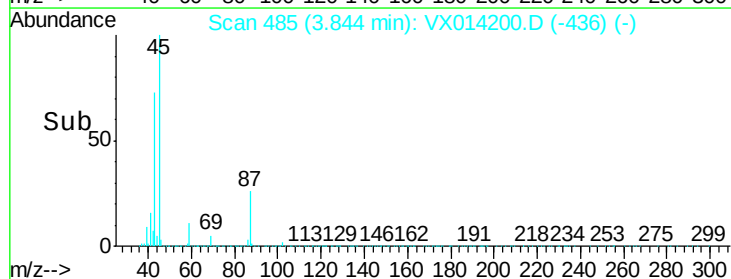
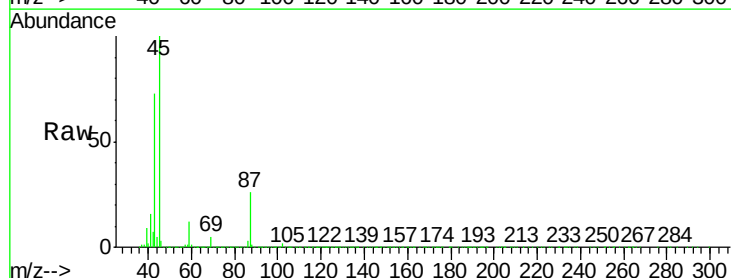
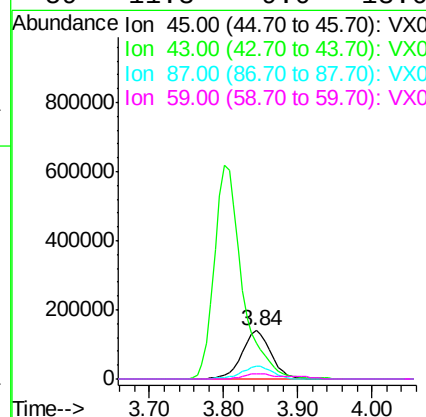
RT: 3.84 min Scan# 485

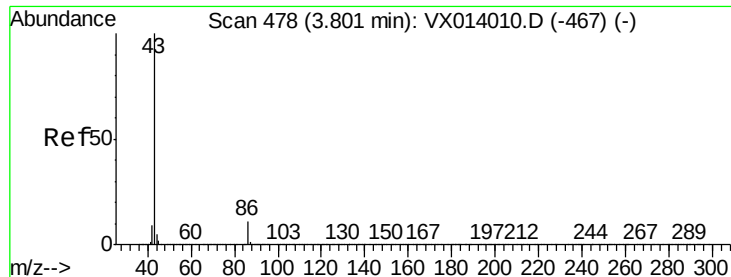
Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Tgt Ion:	45	Resp:	379601
Ion Ratio	Lower	Upper	
45	100		
43	72.5	57.4	86.0
87	26.2	21.9	32.9
59	11.3	9.0	13.6





#23

Vinyl Acetate

Concen: 111.074 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBSD01

Tot Ion: 43 Resp: 1600401

Ion Ratio Lower Upper

43 100

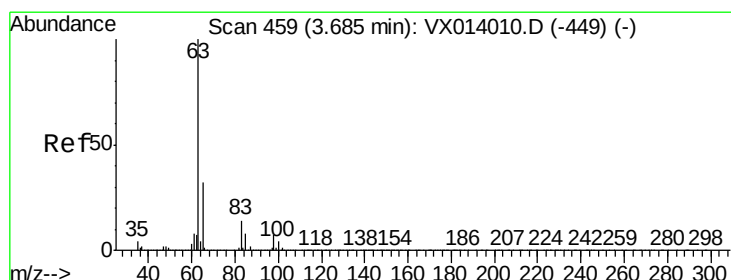
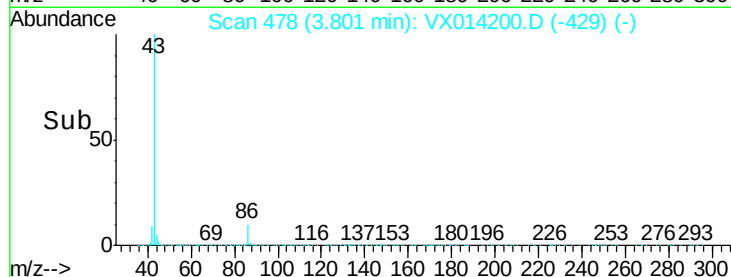
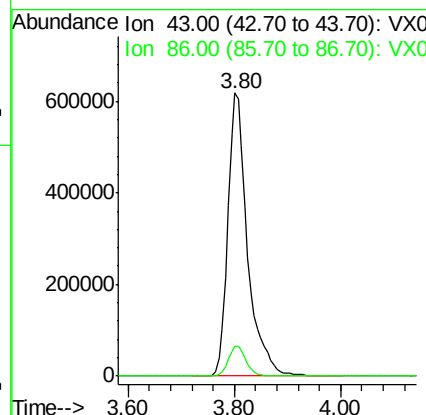
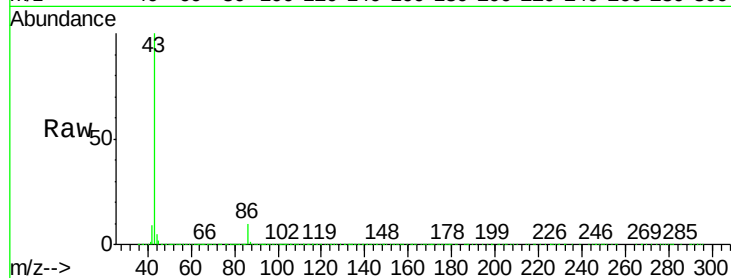
86 10.4 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 20.702 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

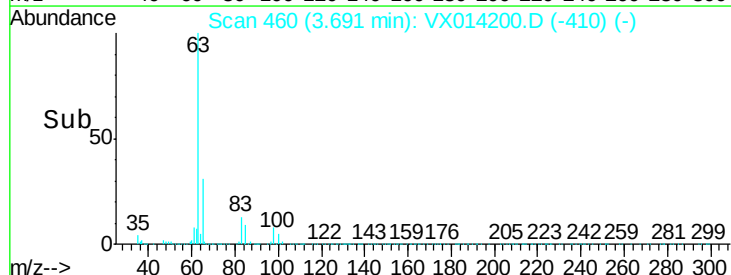
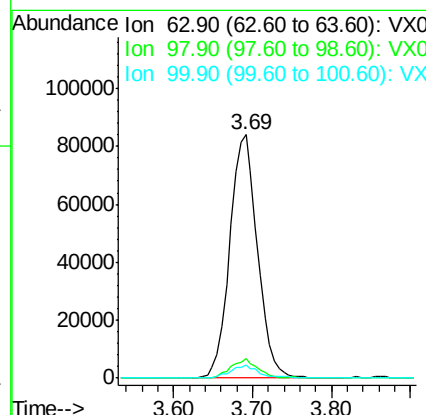
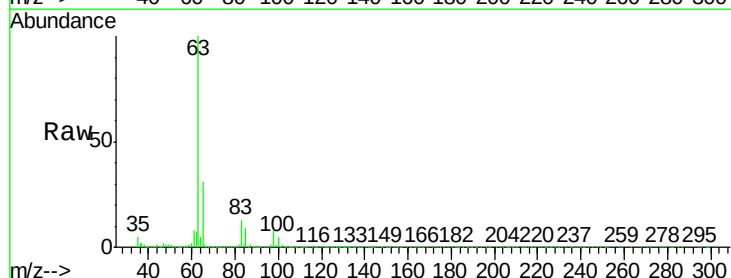
Tgt Ion: 63 Resp: 203358

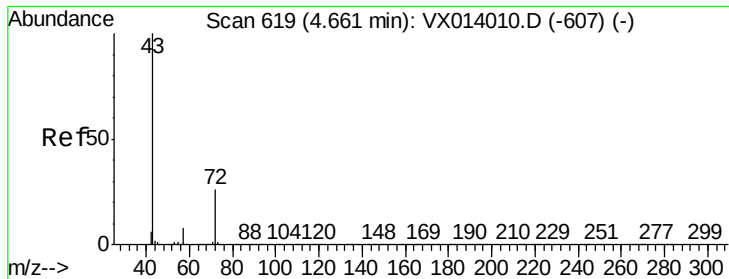
Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.8

100 5.3 2.3 6.8





#25

2-Butanone

Concen: 100.791 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Tot Ion: 43 Resp: 471673

Ion Ratio Lower Upper

43 100

72 25.2 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

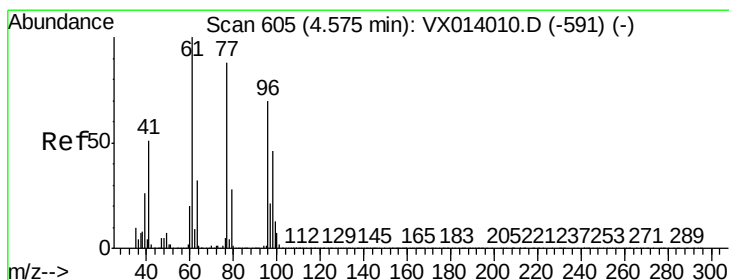
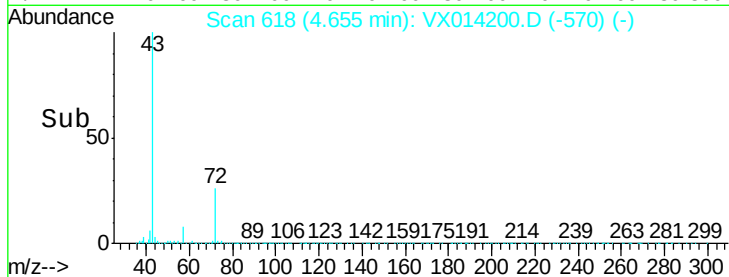
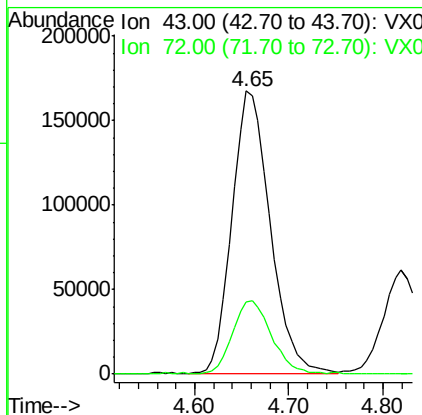
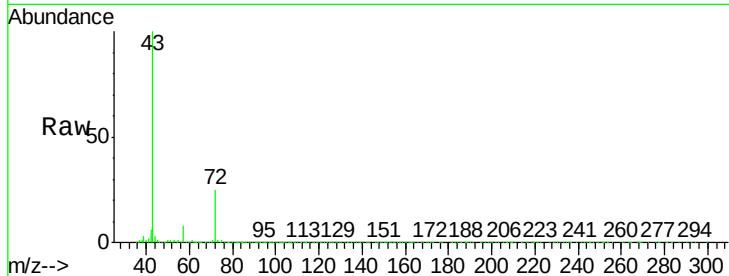
VX1223WBSD01

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#26

2,2-Dichloropropane

Concen: 21.140 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014200.D

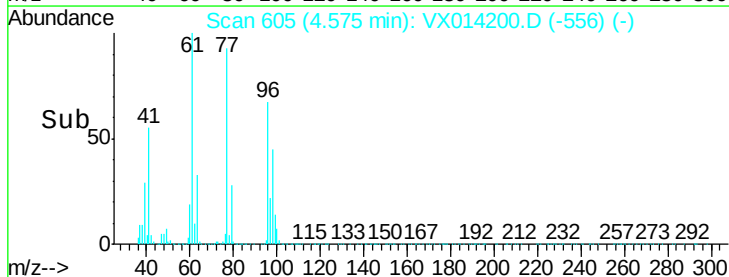
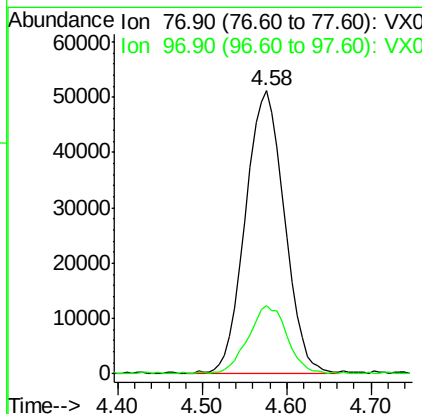
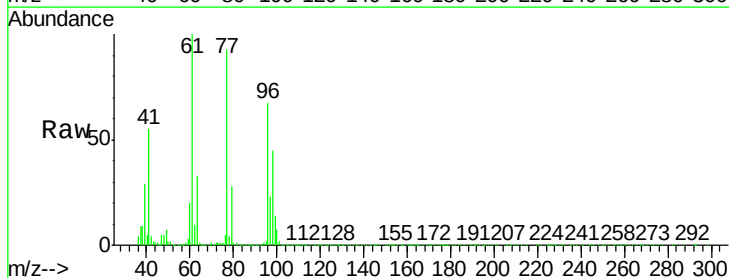
Acq: 23 Dec 2019 14:26

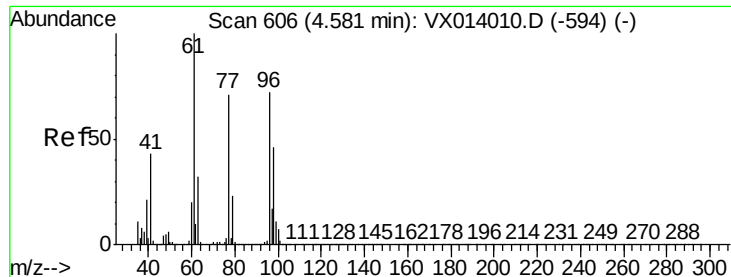
Tgt Ion: 77 Resp: 161228

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.9





#27

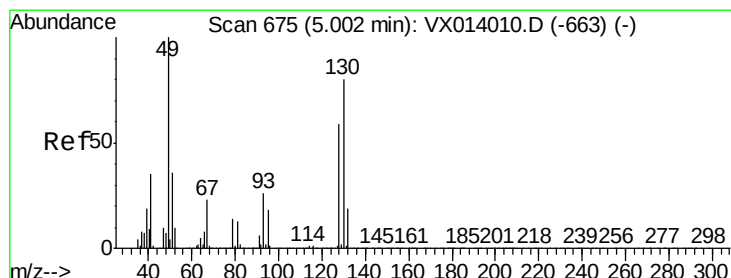
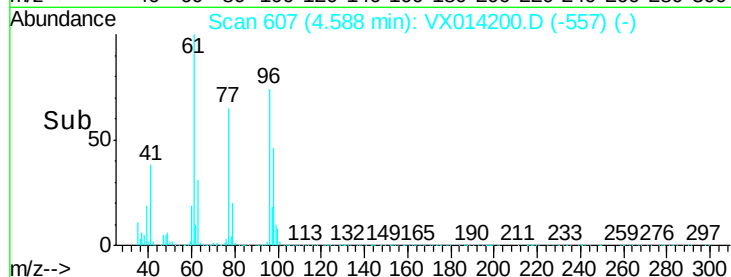
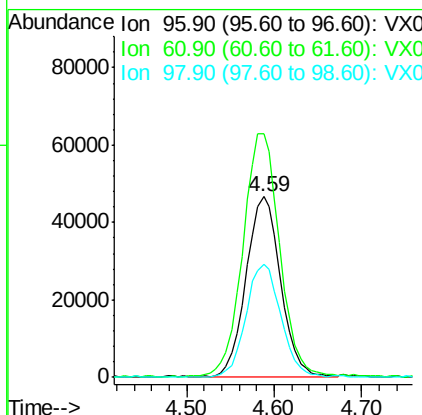
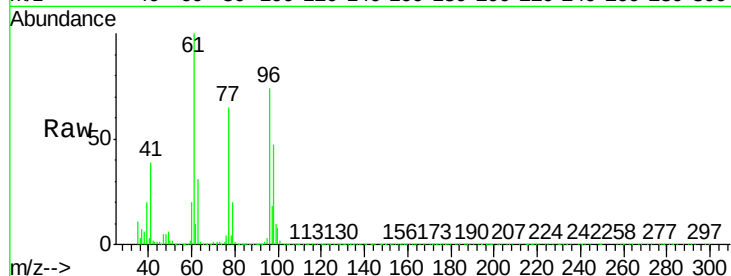
cis-1,2-Dichloroethene
Concen: 20.696 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	127962		
61	143.2	0.0	288.4	
98	63.2	0.0	129.6	

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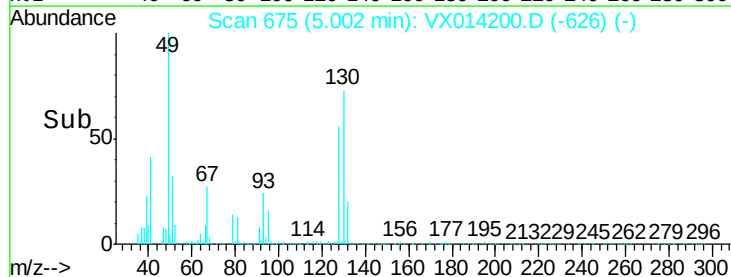
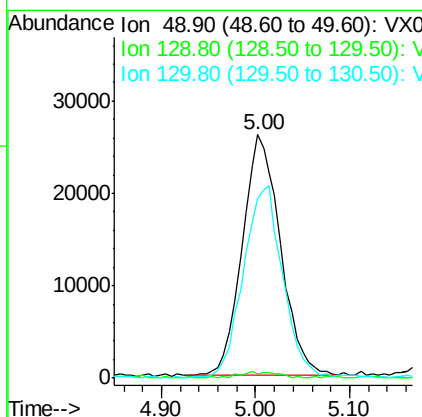
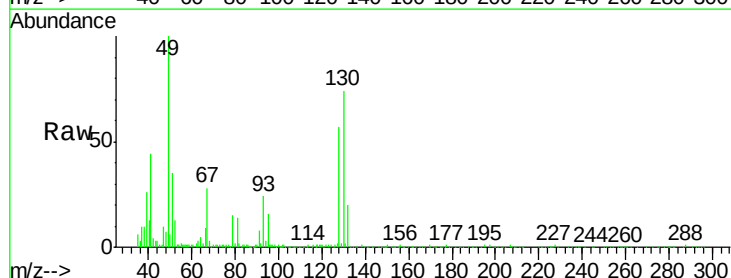
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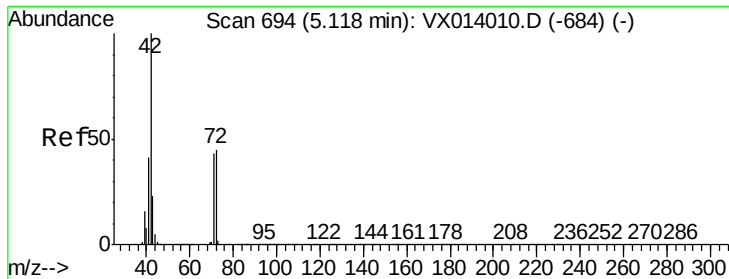


#28

Bromochloromethane
Concen: 19.890 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	74099		
129	0.9	0.0	5.0	
130	81.5	64.6	97.0	





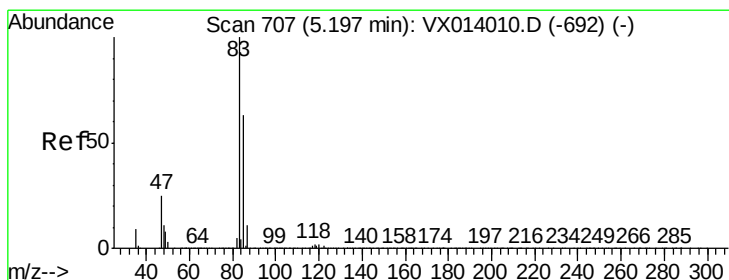
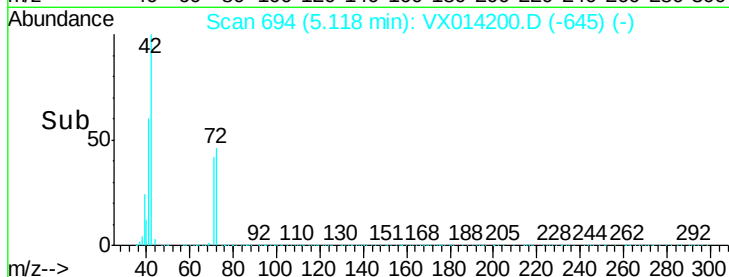
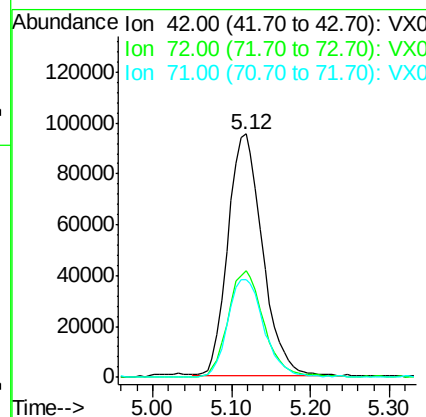
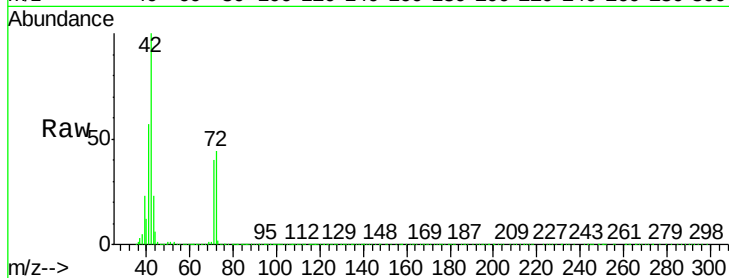
#29
Tetrahydrofuran
Concen: 111.406 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	35.8	53.8
71	42.3	33.6	50.4

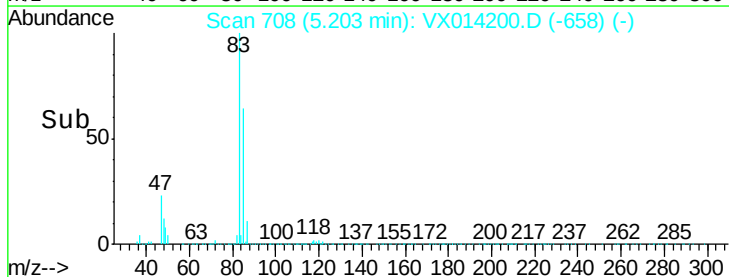
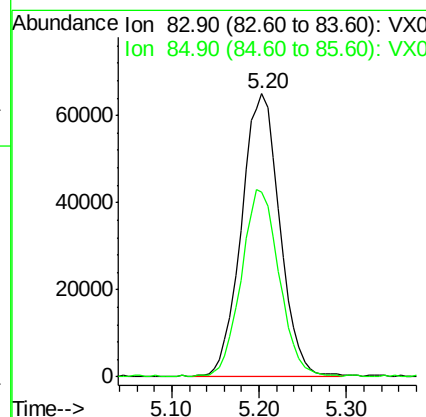
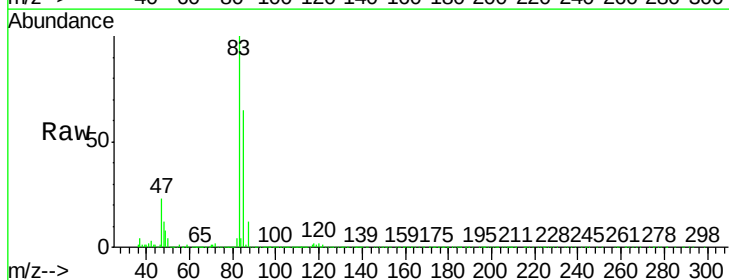
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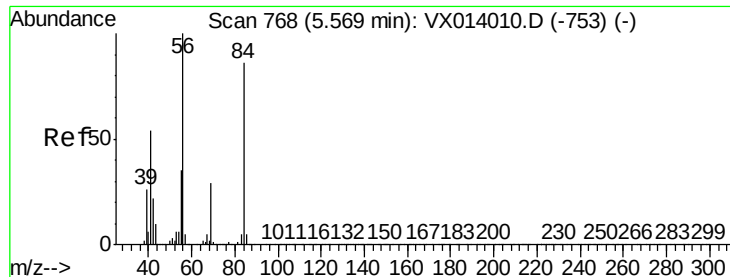
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#30
Chloroform
Concen: 21.178 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.8	76.2





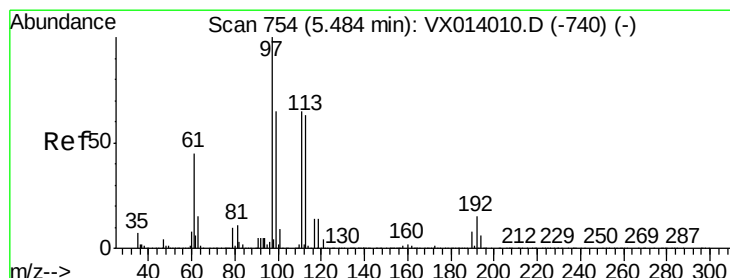
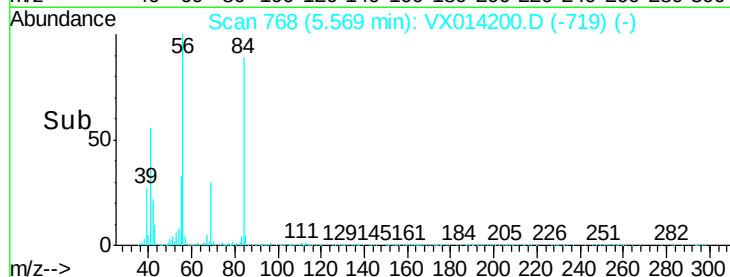
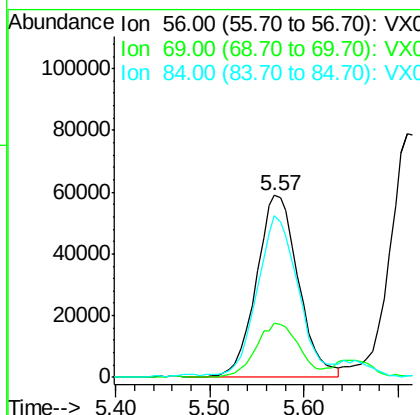
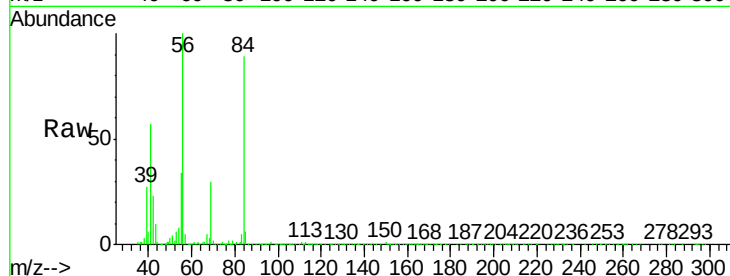
#31
Cyclohexane
Concen: 20.843 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	29.9	23.2	34.8	
84	88.0	69.2	103.8	

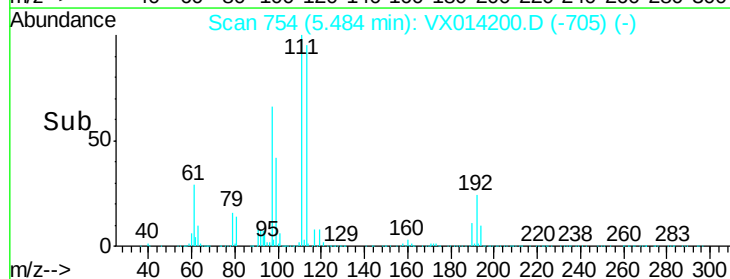
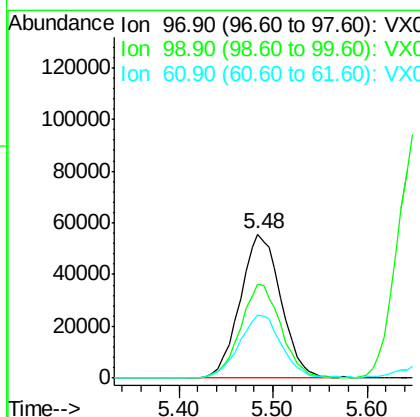
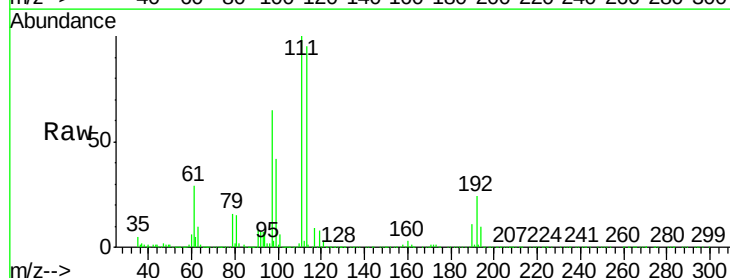
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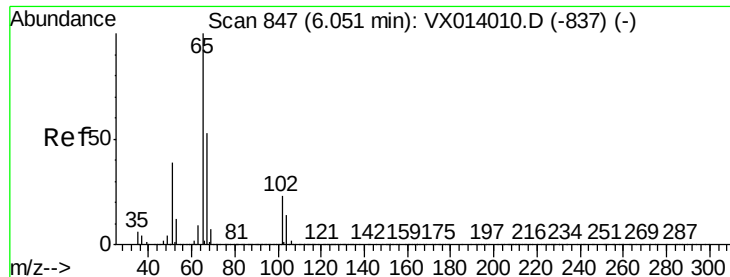
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#32
1,1,1-Trichloroethane
Concen: 21.057 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.8	52.0	78.0	
61	45.9	36.7	55.1	





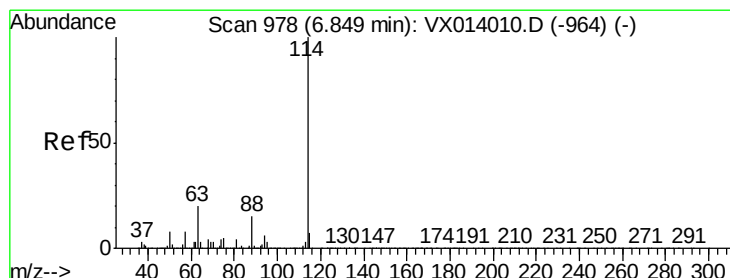
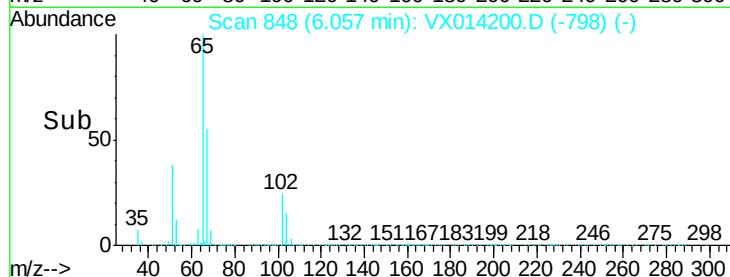
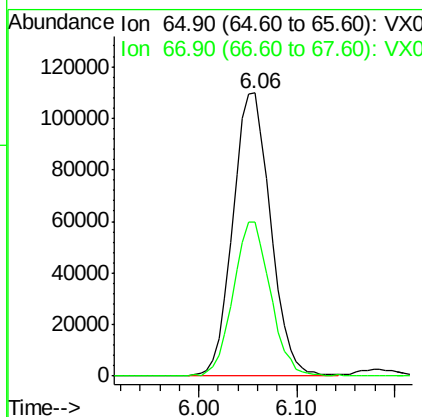
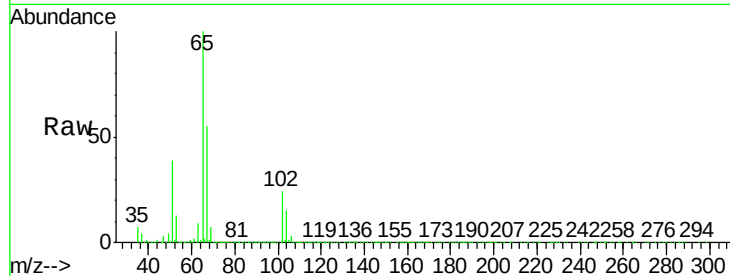
#33
 1,2-Dichloroethane-d4
 Concen: 50.036 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX014200.D
 Acq: 23 Dec 2019 14:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBSD01

Tot Ion	Ratio	Resp Lower	Upper
65	100		
67	53.3	0.0	106.4

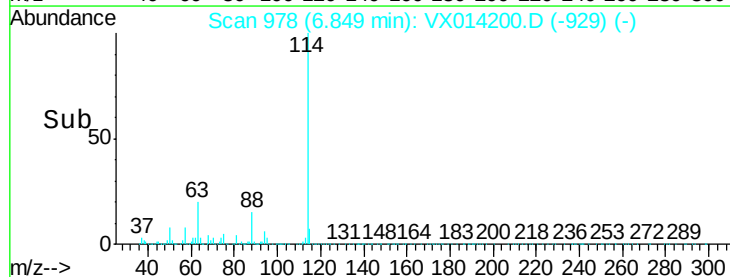
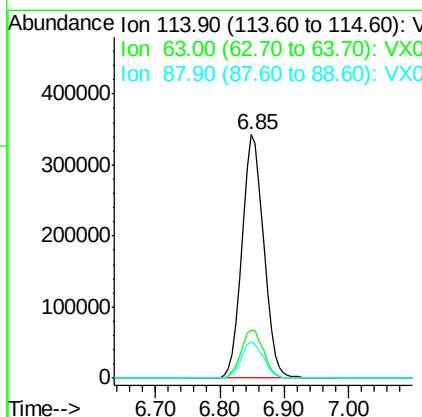
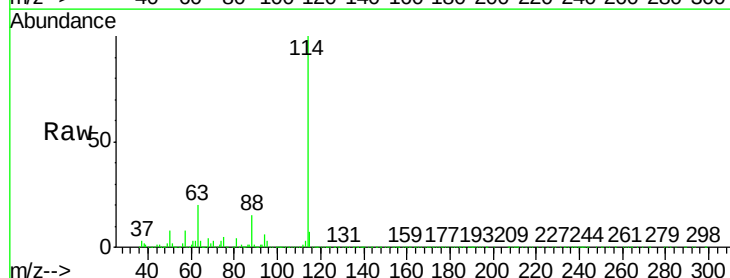
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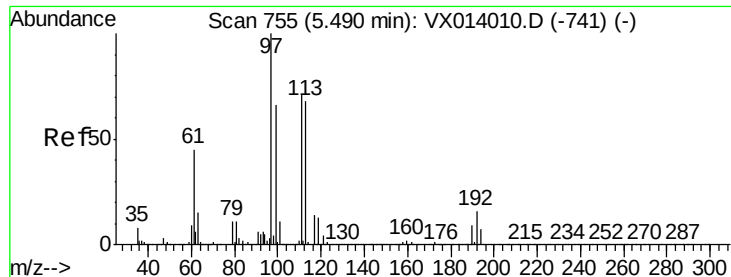
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014200.D
 Acq: 23 Dec 2019 14:26

Tgt Ion	Ratio	Resp Lower	Upper
114	100		
63	19.8	0.0	40.8
88	15.1	0.0	30.4





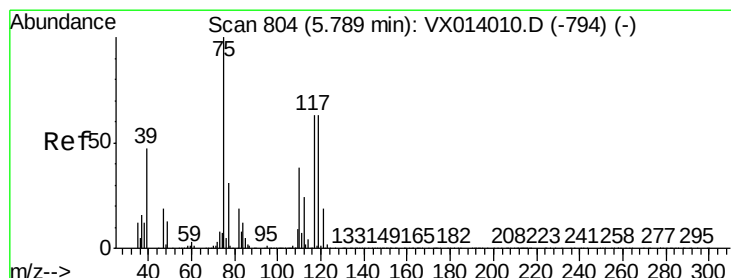
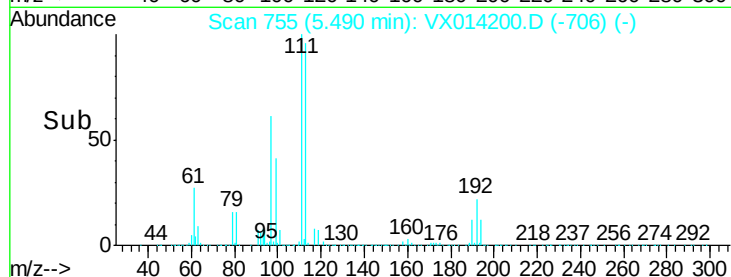
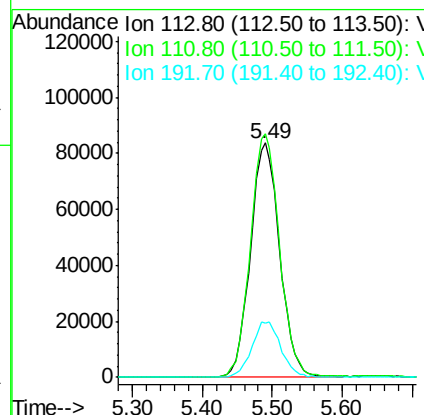
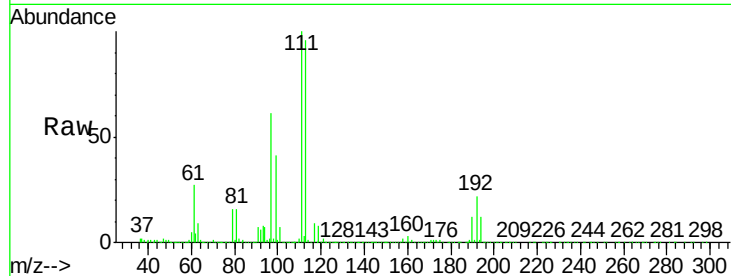
#35
Dibromofluoromethane
Concen: 50.094 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	242081		
111	103.6	82.0	123.0	
192	23.6	19.3	28.9	

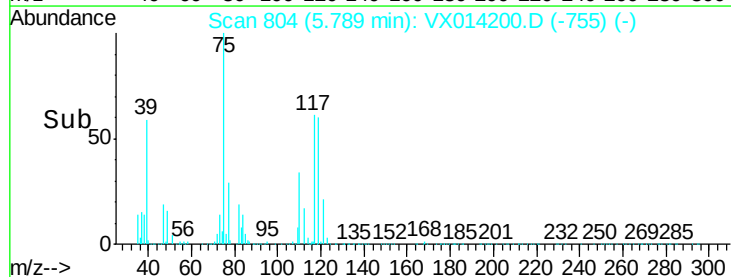
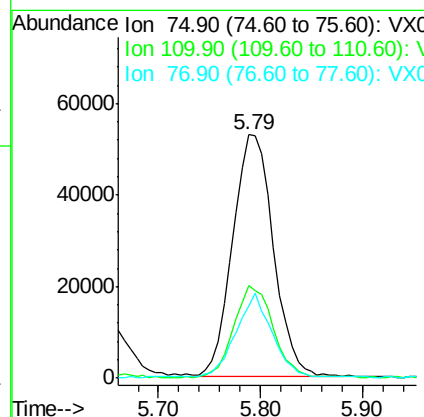
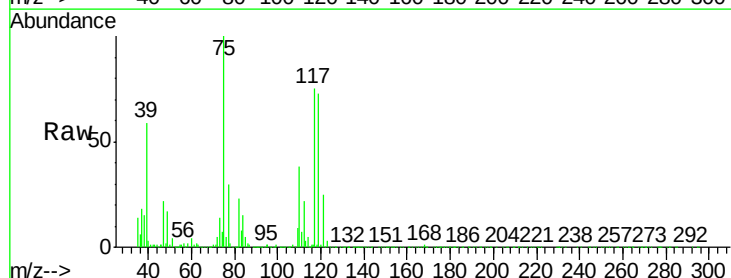
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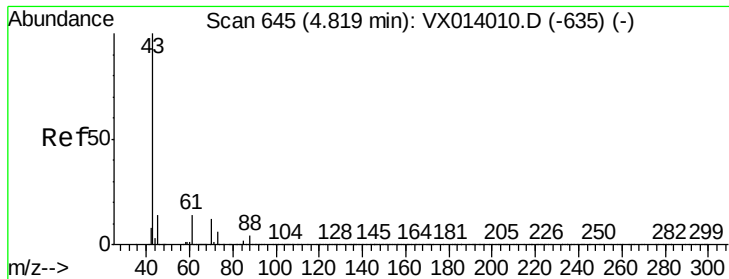
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#36
1,1-Dichloropropene
Concen: 20.139 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	146903		
110	37.0	18.3	54.9	
77	30.7	24.8	37.2	





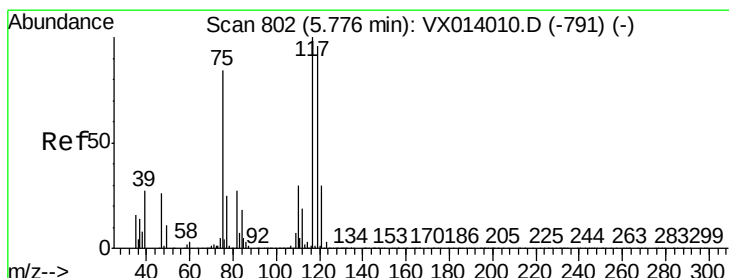
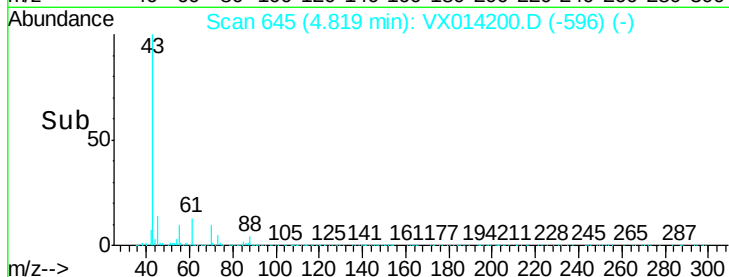
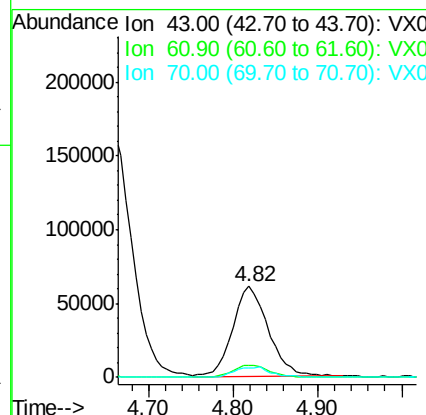
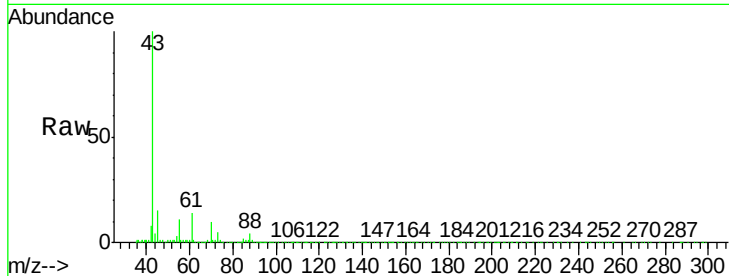
#37
Ethyl Acetate
Concen: 21.652 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.8	16.2
70	11.4	8.6	12.8

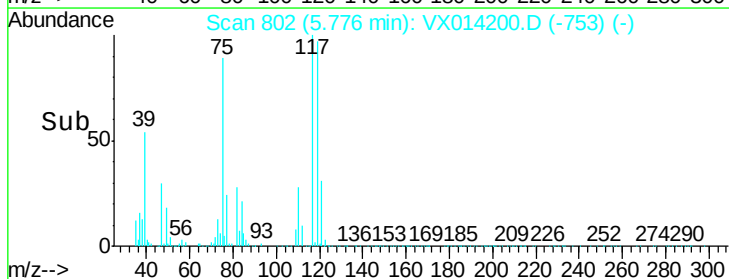
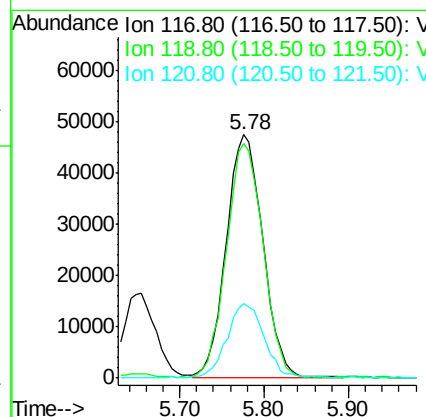
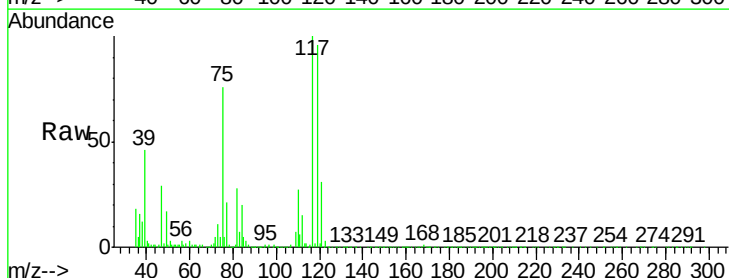
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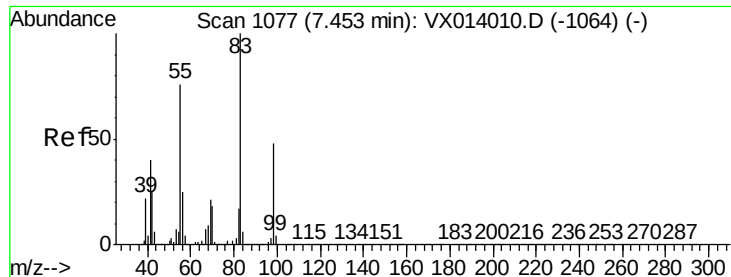
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#38
Carbon Tetrachloride
Concen: 21.017 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.2	114.4
121	30.7	23.6	35.4





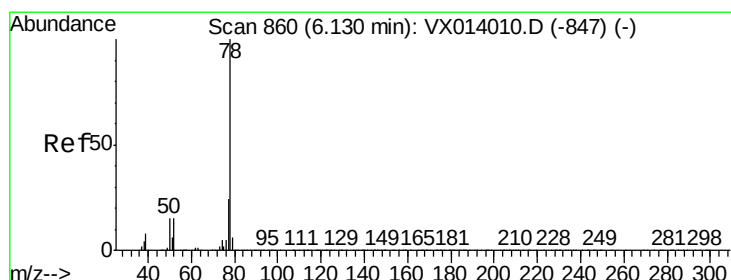
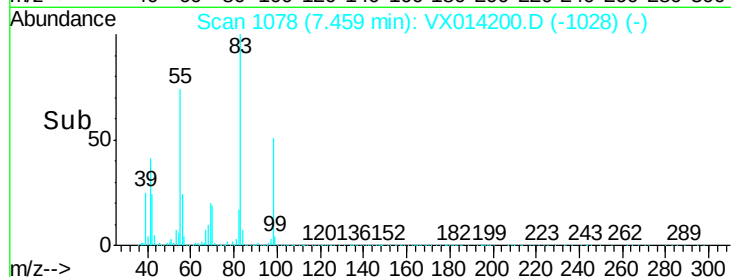
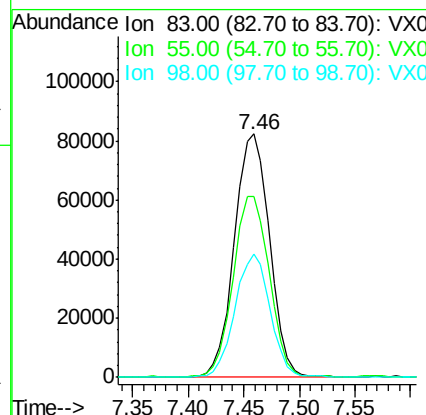
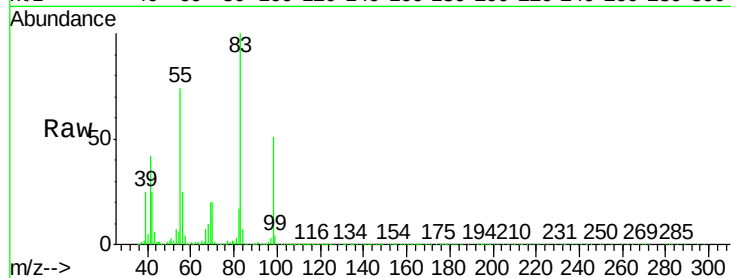
#39
Methylvlcyclohexane
Concen: 19.940 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	179593		
55	74.3		61.0	91.6
98	50.8		38.6	57.8

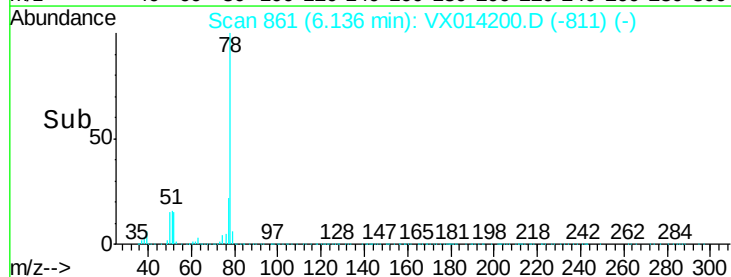
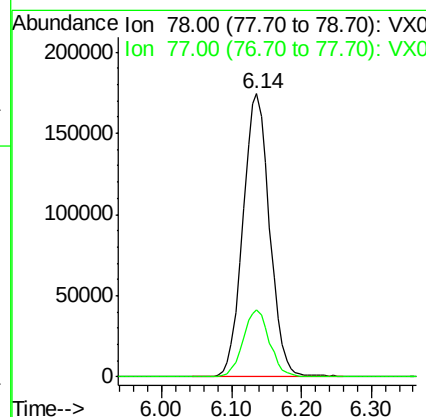
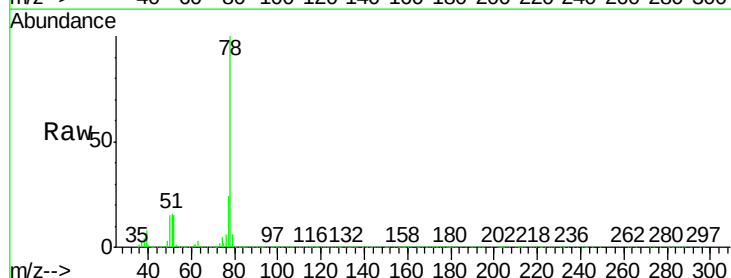
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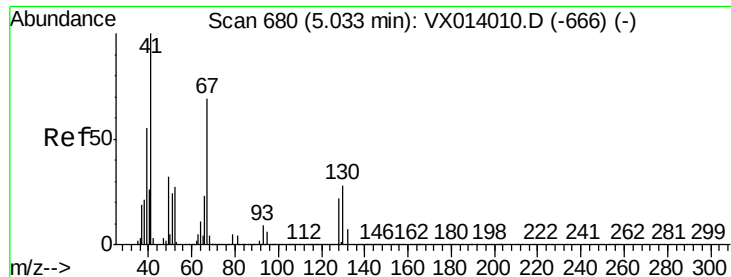
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#40
Benzene
Concen: 20.507 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	460246		
77	23.6		18.8	28.2





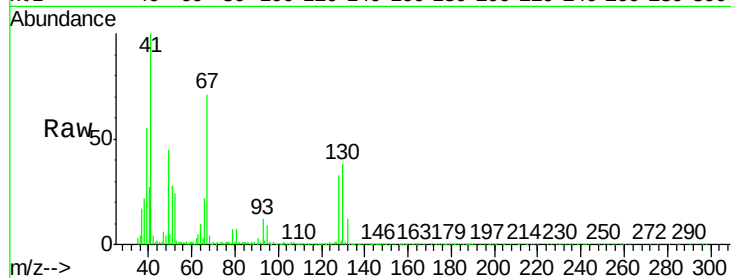
#41
Methacrylonitrile
Concen: 21.255 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

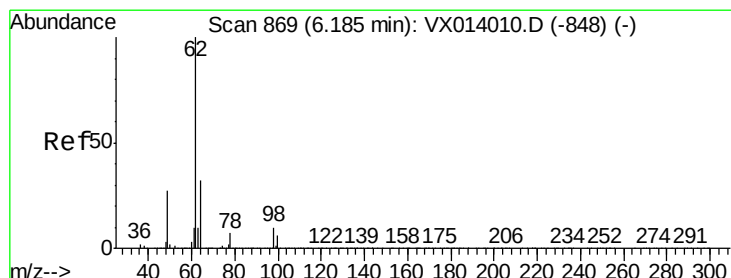
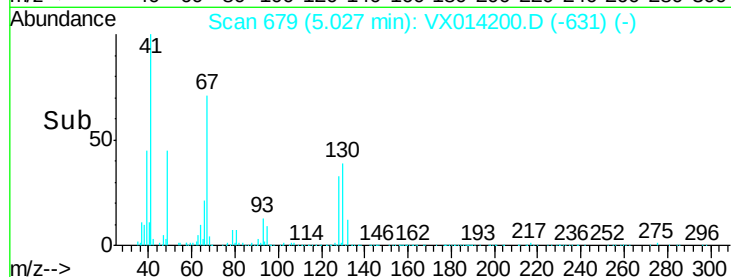
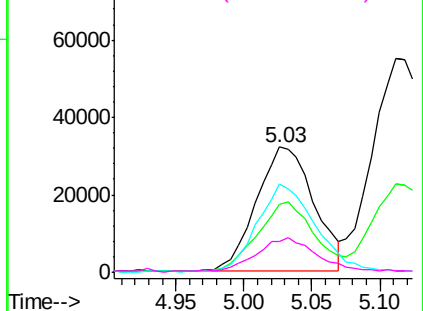
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		94994		
39	54.7	44.5	66.7		
67	71.5	57.4	86.0		
52	27.4	23.0	34.4		

Manual Integrations
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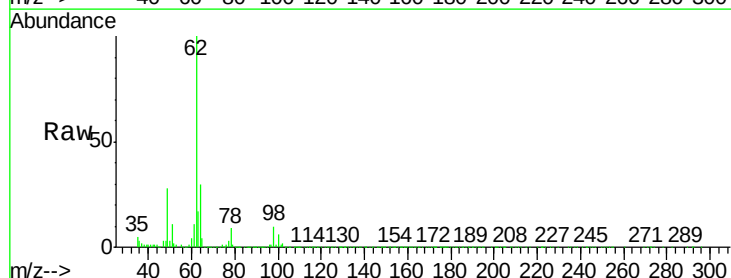


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

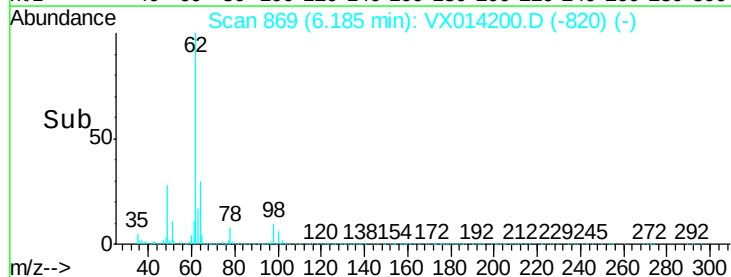
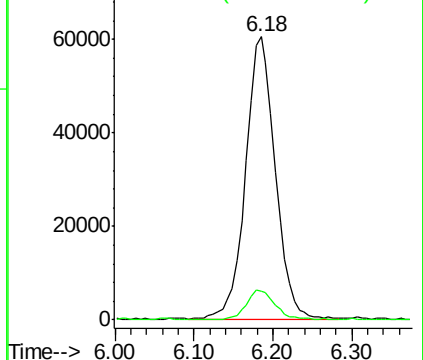


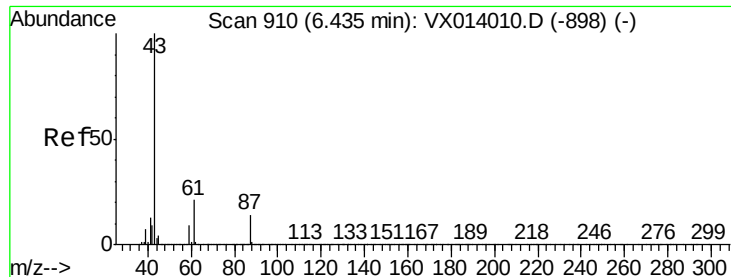
#42
1,2-Dichloroethane
Concen: 20.703 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		157509		
98	9.8	0.0	21.0		



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





#43

Isopropyl Acetate

Concen: 21.322 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Instrument :

MSVOA_X

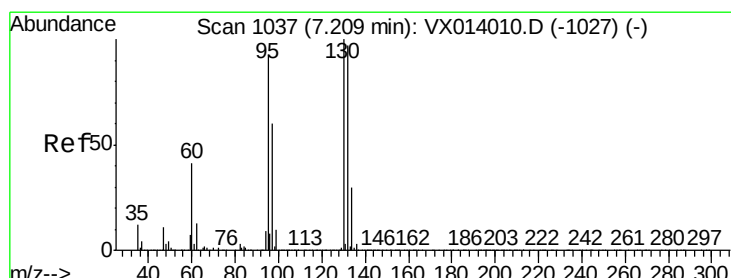
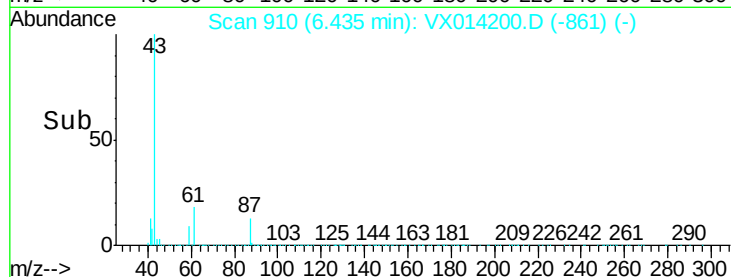
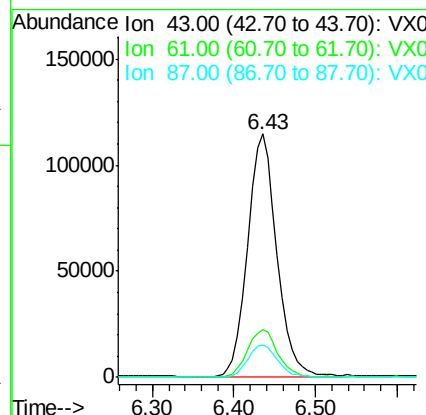
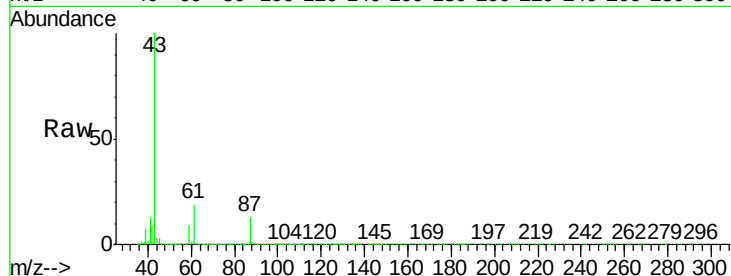
ClientSampleId :

VX1223WBSD01

Tot Ion:	43	Resp:	284226
Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.4	24.6
87	13.8	10.7	16.1

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#44

Trichloroethene

Concen: 20.365 ug/l

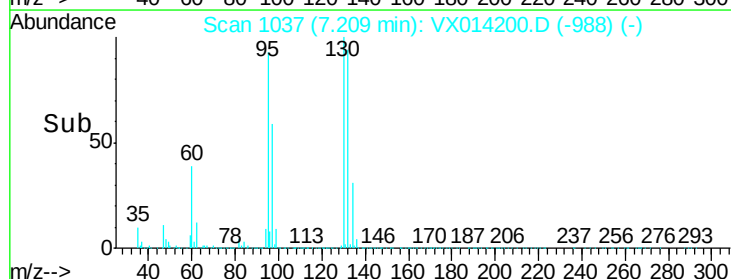
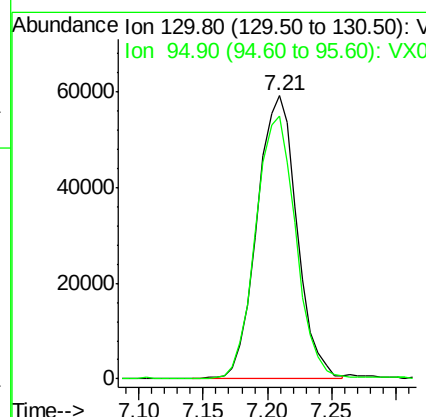
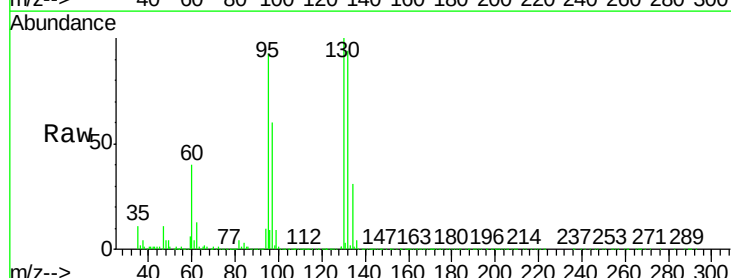
RT: 7.21 min Scan# 1037

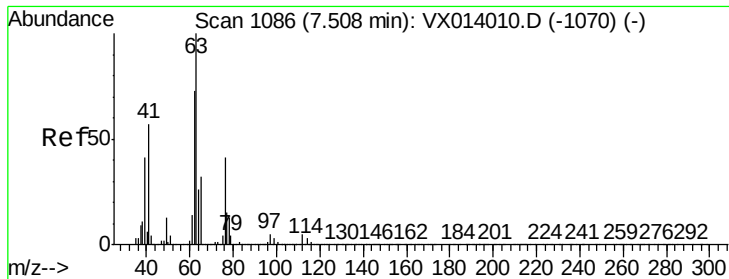
Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Tgt Ion:	130	Resp:	126246
Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	185.6





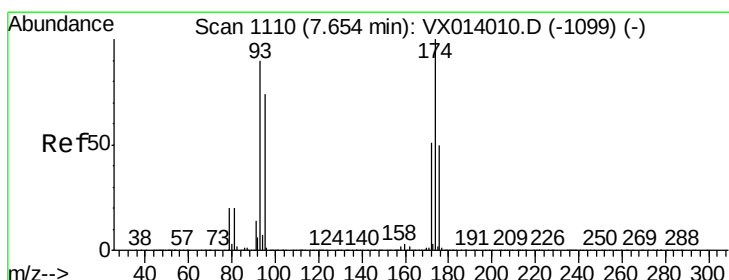
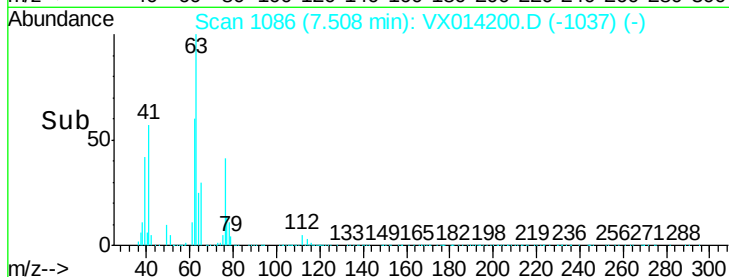
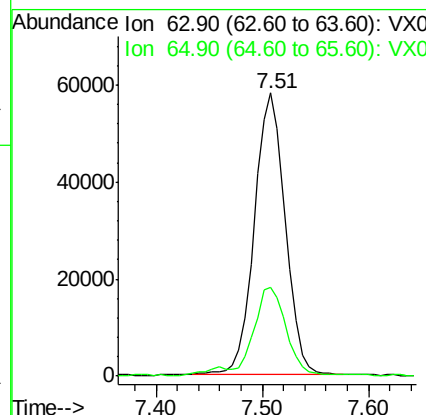
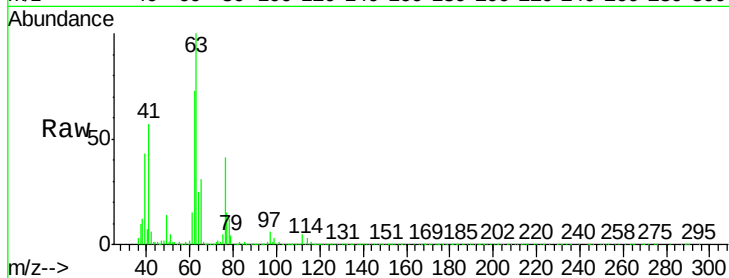
#45
 1,2-Dichloropropane
 Concen: 20.557 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014200.D
 Acq: 23 Dec 2019 14:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	25.8	38.8

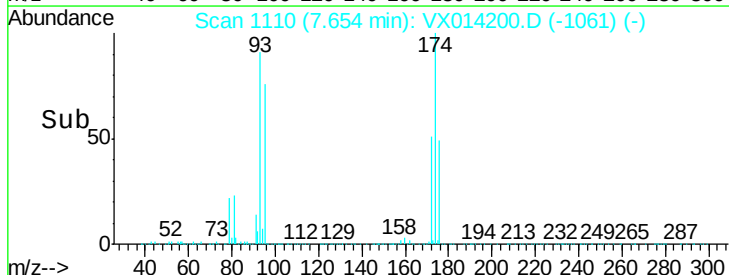
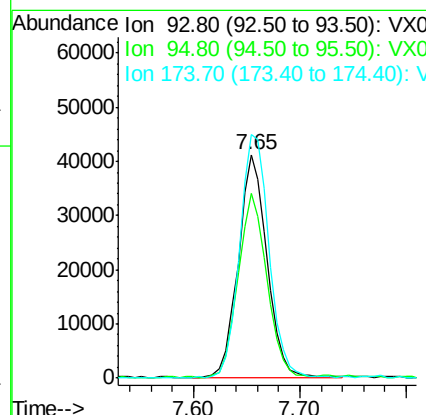
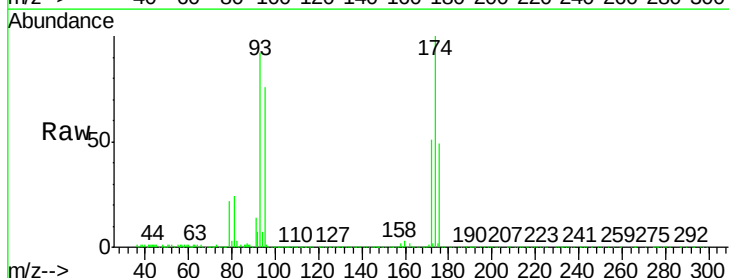
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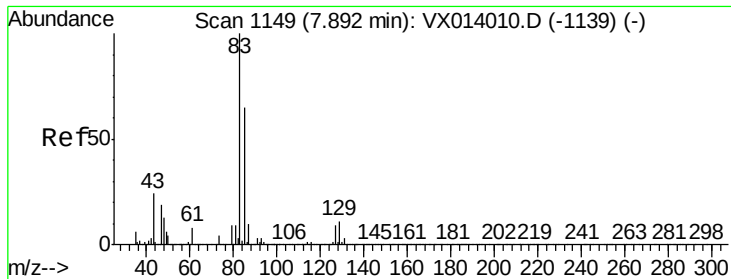
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#46
 Dibromomethane
 Concen: 20.269 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014200.D
 Acq: 23 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	67.3	100.9
174	113.1	91.6	137.4





#47

Bromodichloromethane

Concen: 20.704 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Instrument :

MSVOA_X

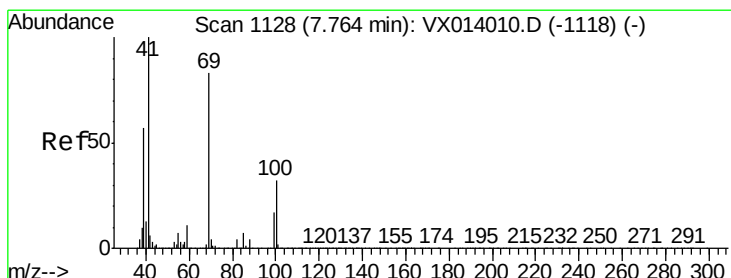
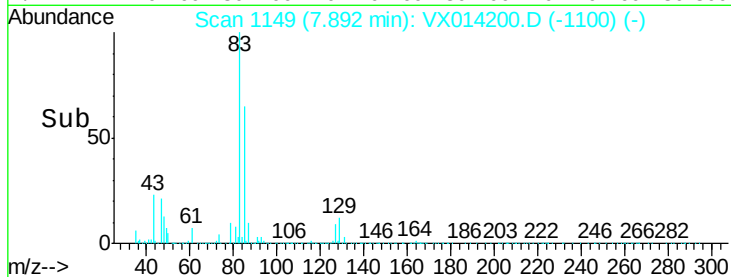
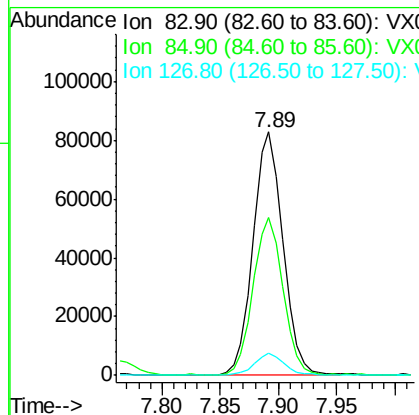
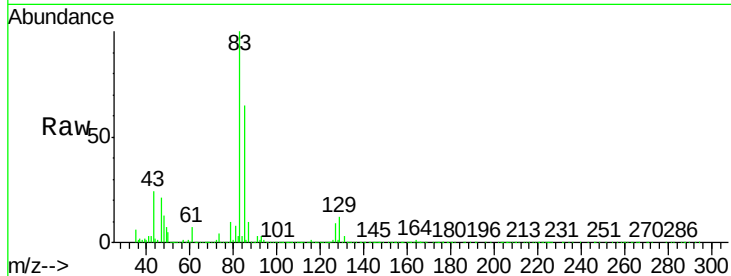
ClientSampleId :

VX1223WBSD01

Tot Ion:	83	Resp:	148299
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.8	77.8
127	9.0	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.348 ug/l

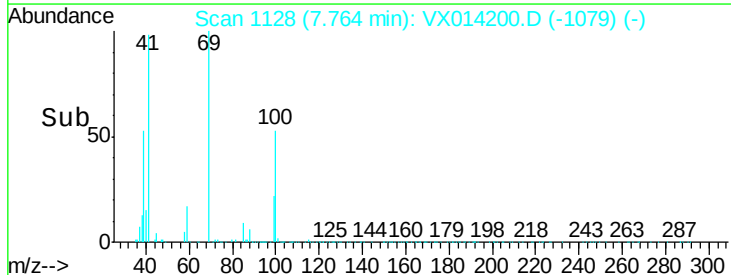
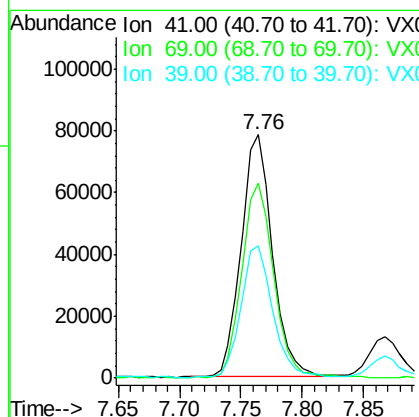
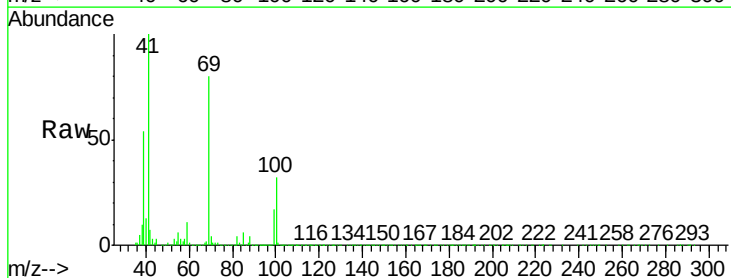
RT: 7.76 min Scan# 1128

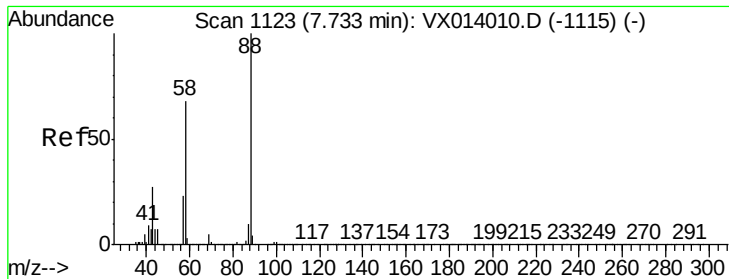
Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Tgt Ion:	41	Resp:	139351
Ion Ratio	Lower	Upper	
41	100		
69	82.4	65.8	98.6
39	55.1	44.6	67.0





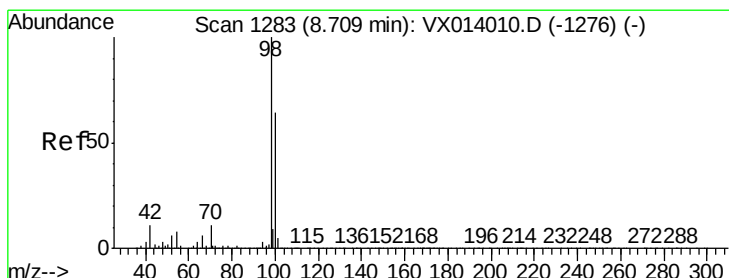
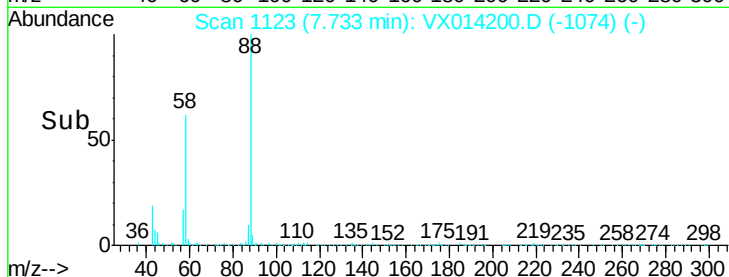
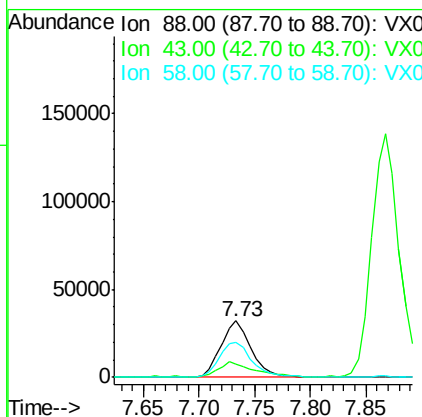
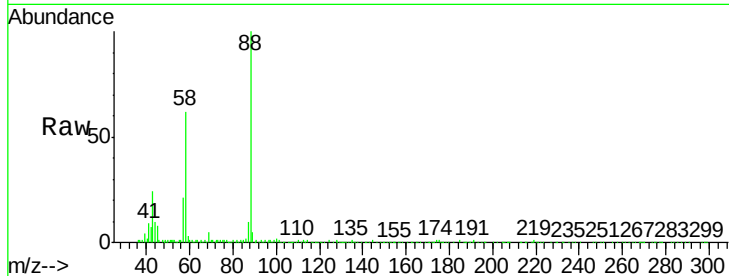
#49
1,4-Dioxane
Concen: 445.467 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.3	26.5	39.7
58	68.1	56.8	85.2

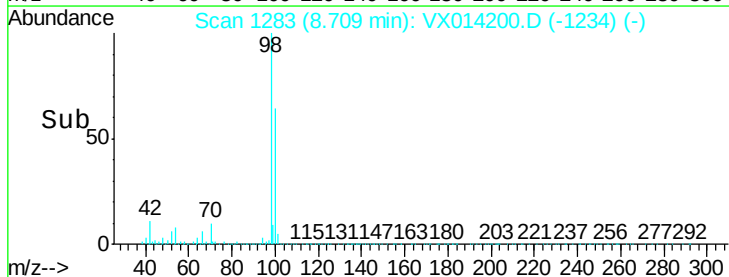
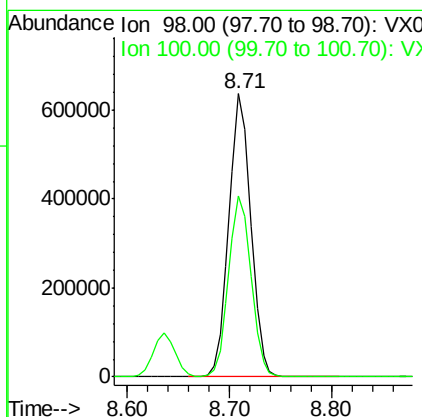
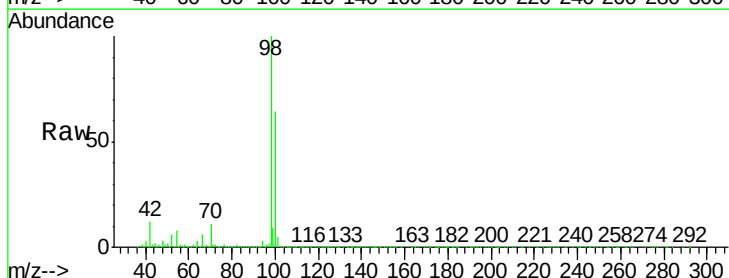
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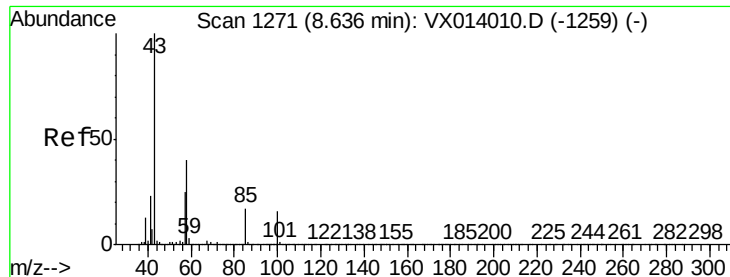
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#50
Toluene-d8
Concen: 50.301 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.9	79.3





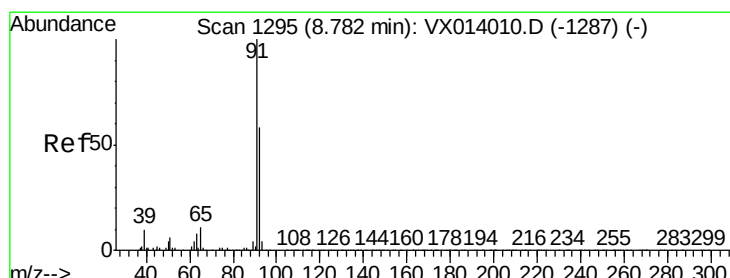
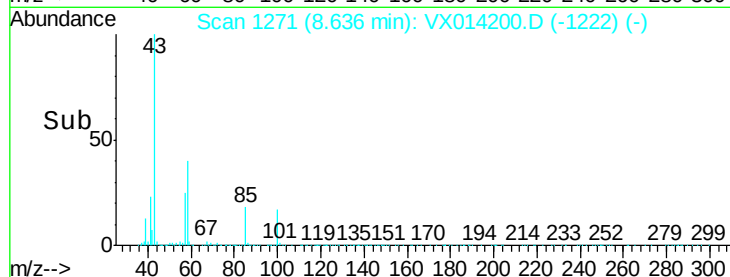
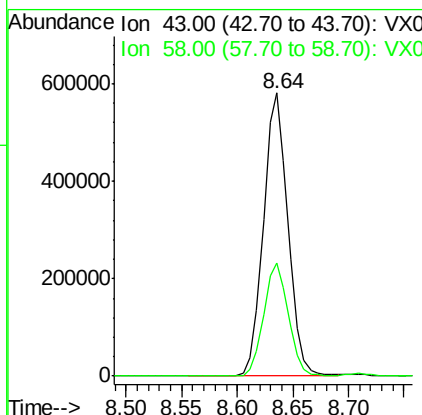
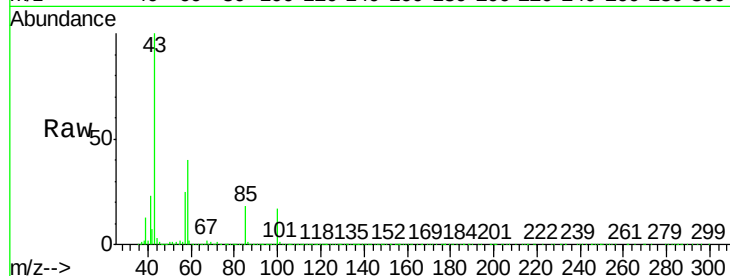
#51
4-Methyl-2-Pentanone
Concen: 106.719 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.1	32.2	48.2

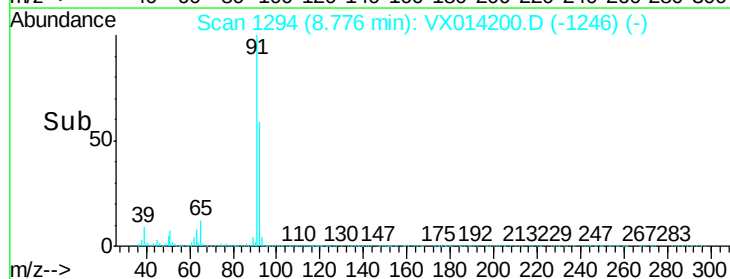
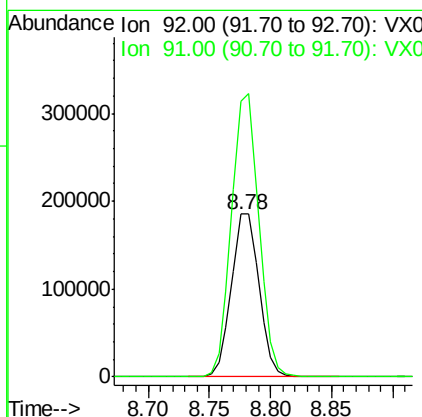
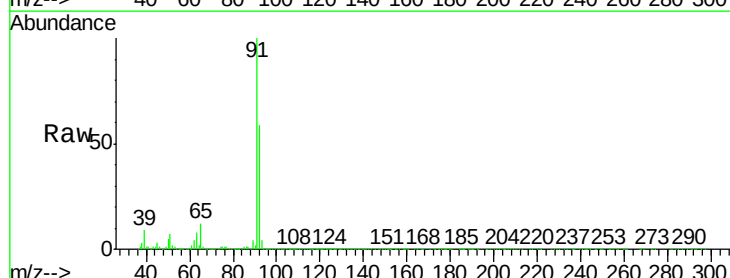
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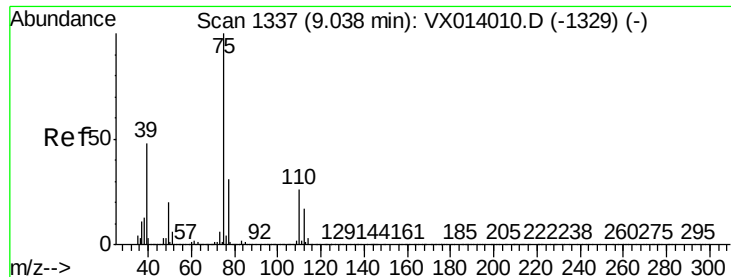
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#52
Toluene
Concen: 20.405 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.3	136.2	204.4





#53

t-1,3-Dichloropropene

Concen: 20.859 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBSD01

Tot Ion: 75 Resp: 163826

Ion Ratio Lower Upper

75 100

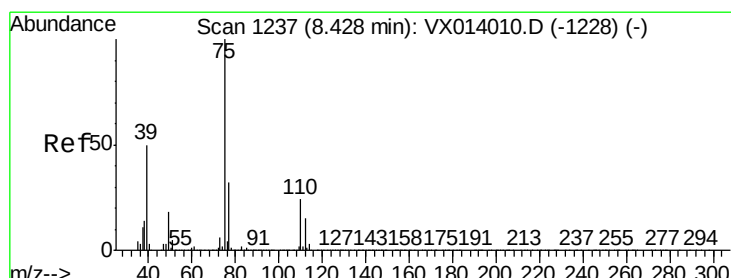
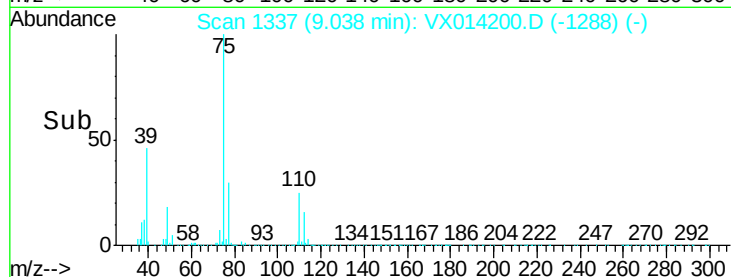
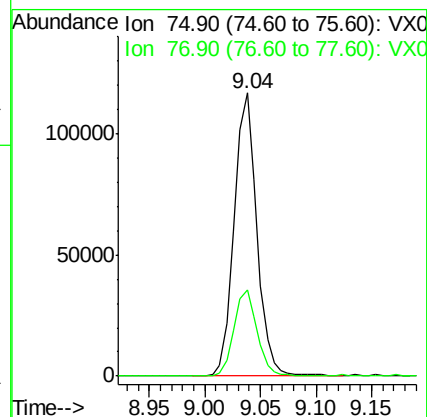
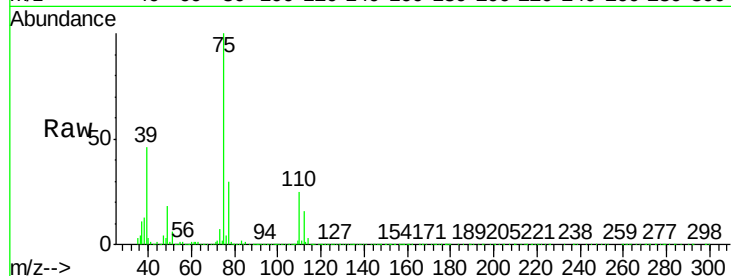
77 30.3 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 21.416 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

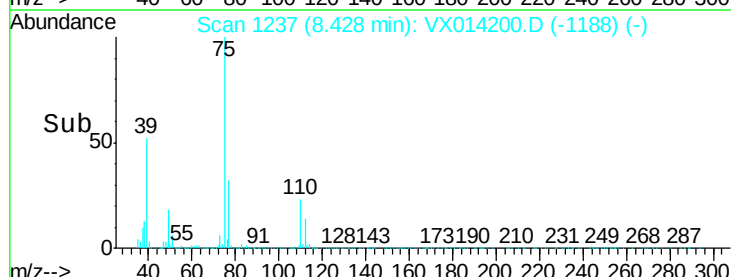
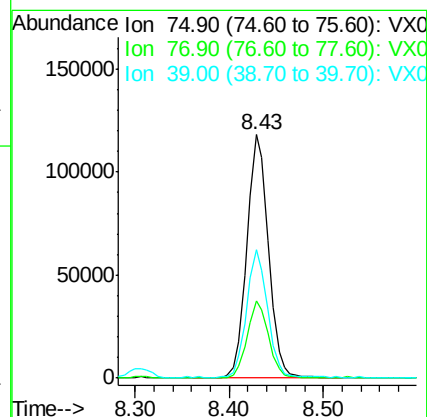
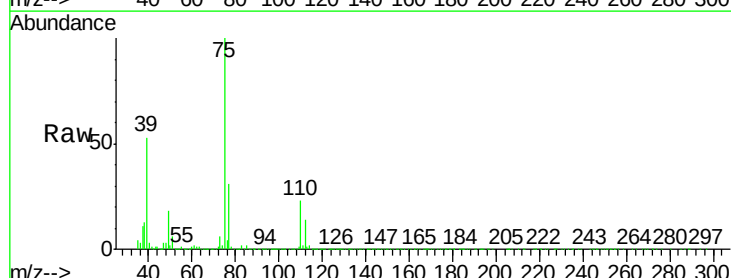
Tgt Ion: 75 Resp: 187395

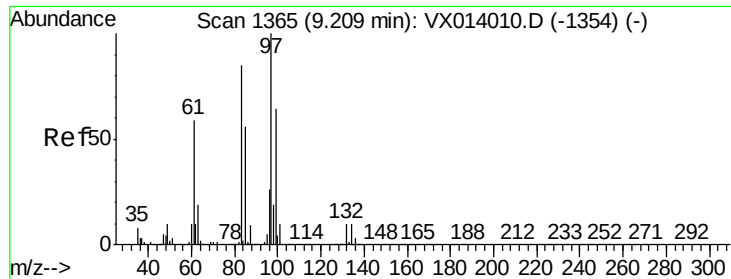
Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9

39 52.2 39.9 59.9





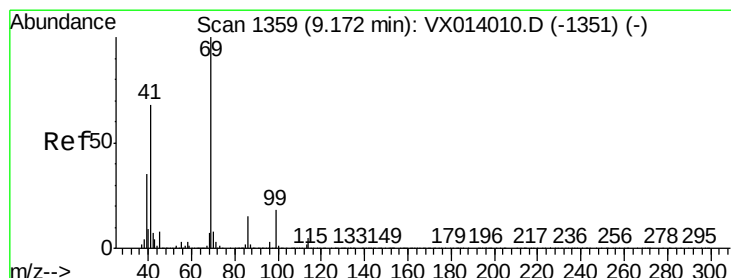
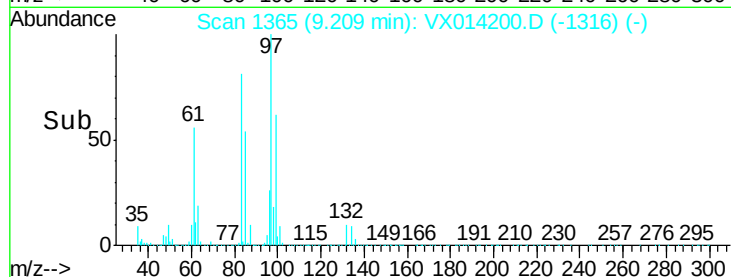
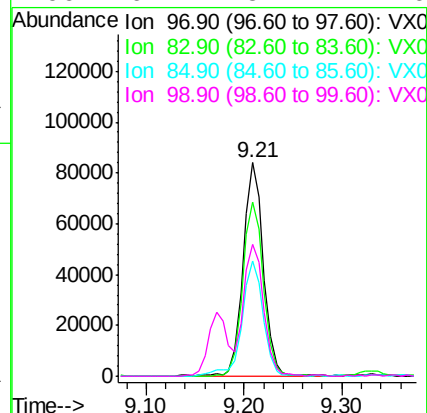
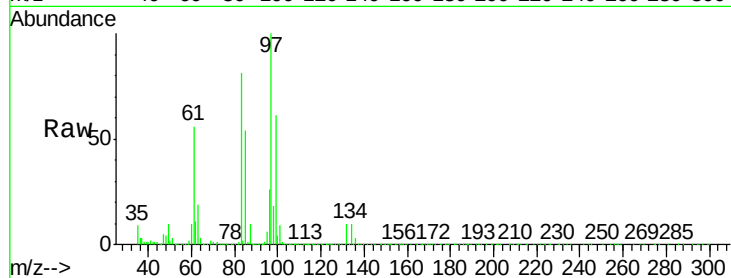
#55
 1,1,2-Trichloroethane
 Concen: 20.929 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014200.D
 Acq: 23 Dec 2019 14:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		118994		
83	81.3	68.2	102.4		
85	54.0	44.6	66.8		
99	61.4	51.4	77.0		

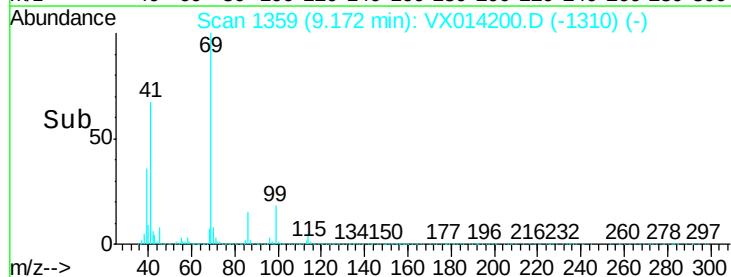
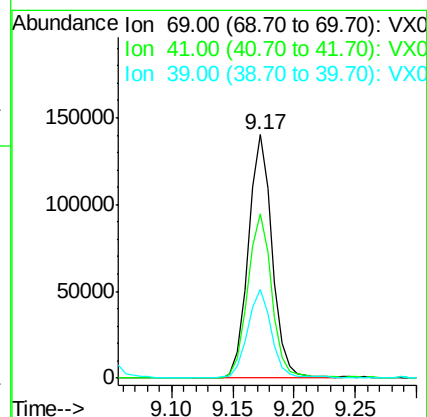
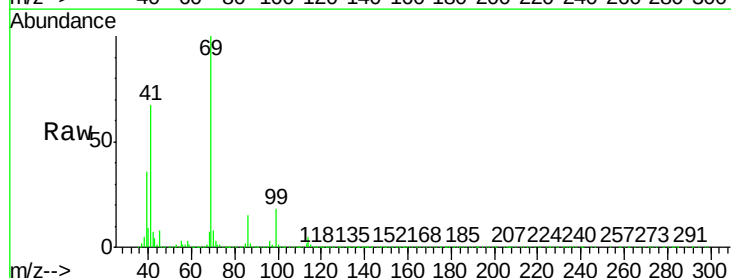
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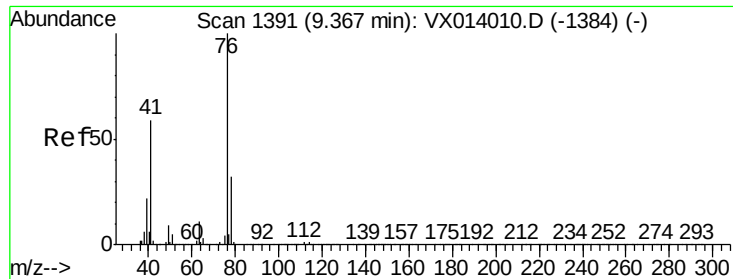
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#56
 Ethyl methacrylate
 Concen: 21.099 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014200.D
 Acq: 23 Dec 2019 14:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		188440		
41	67.5	54.8	82.2		
39	36.0	28.3	42.5		





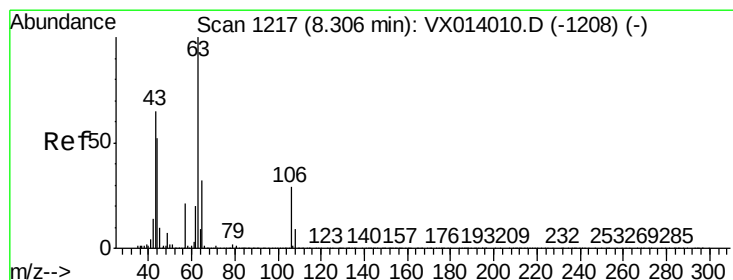
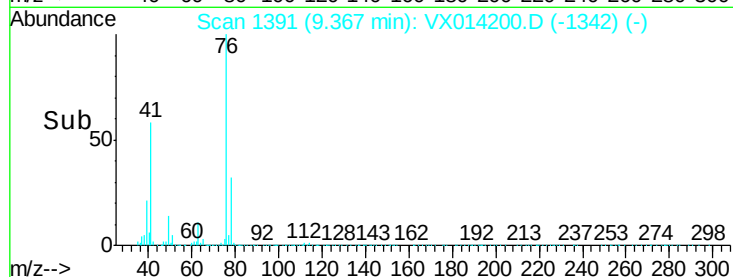
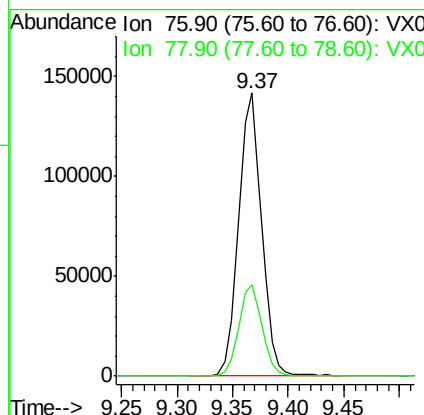
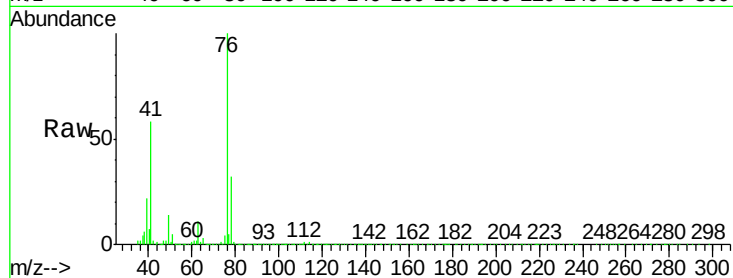
#57
 1,3-Dichloropropane
 Concen: 21.123 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014200.D
 Acq: 23 Dec 2019 14:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.6

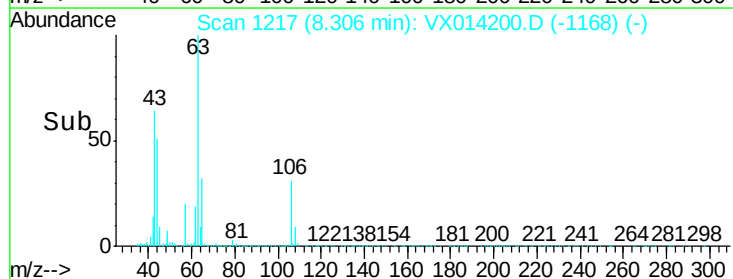
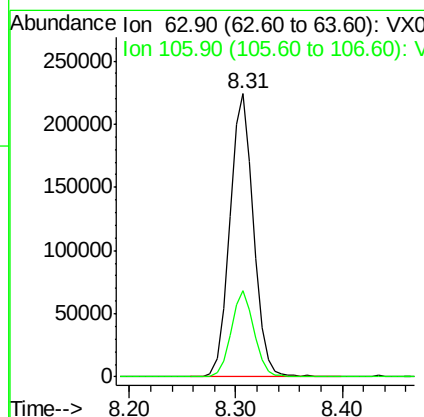
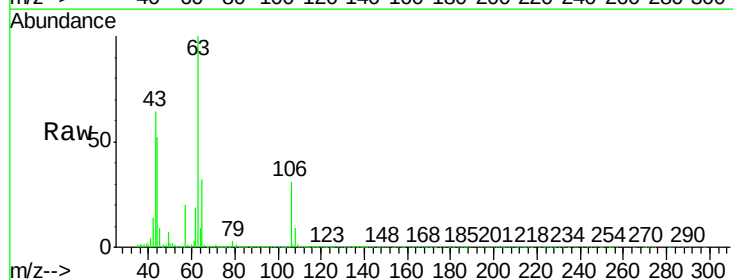
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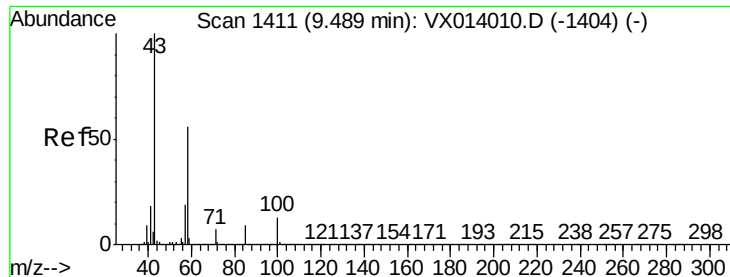
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#58
 2-Chloroethyl Vinyl ether
 Concen: 103.280 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014200.D
 Acq: 23 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	23.0	34.6





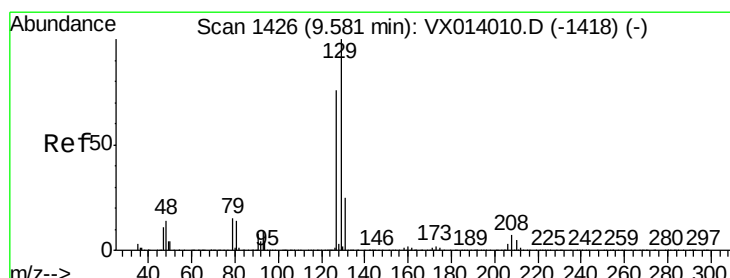
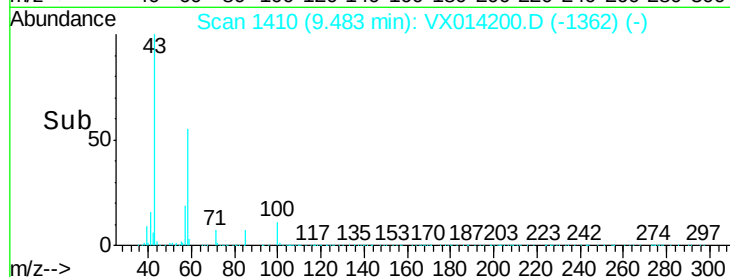
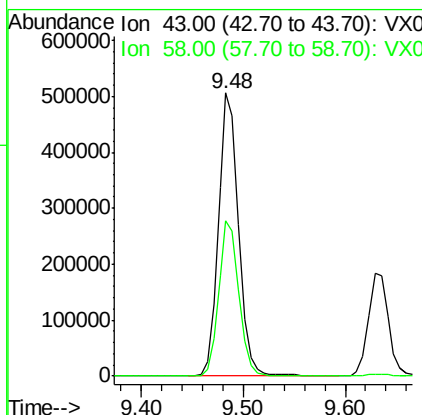
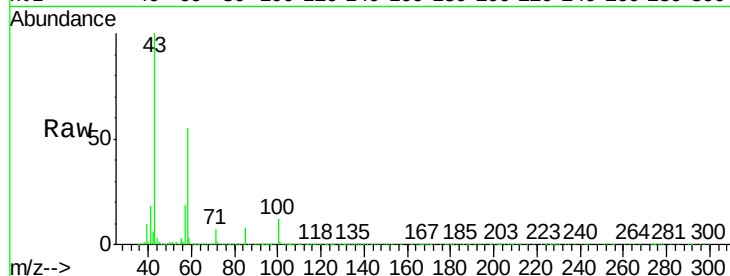
#59
2-Hexanone
Concen: 103.548 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.1	28.0	84.0

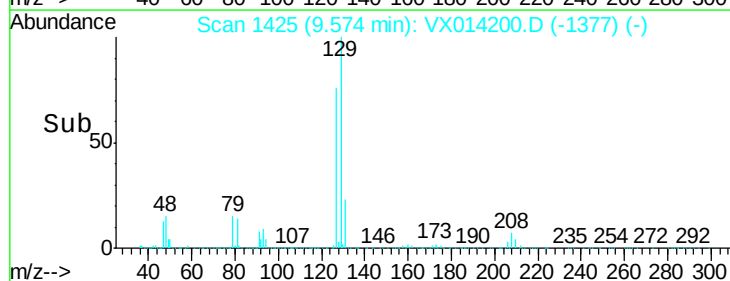
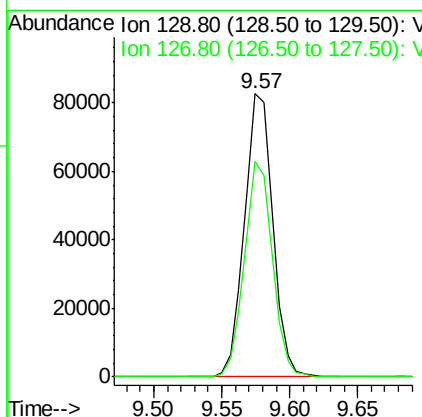
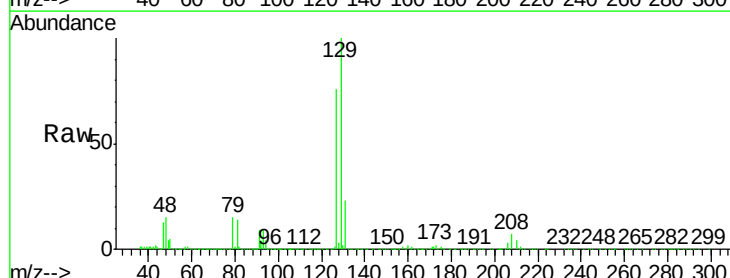
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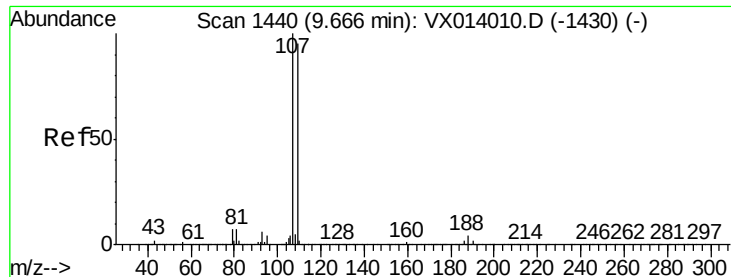
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#60
Dibromochloromethane
Concen: 21.490 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
129	100		
127	74.8	38.4	115.2





#61

1,2-Dibromoethane

Concen: 21.518 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBSD01

Tot Ion: 107 Resp: 125176

Ion Ratio Lower Upper

107 100

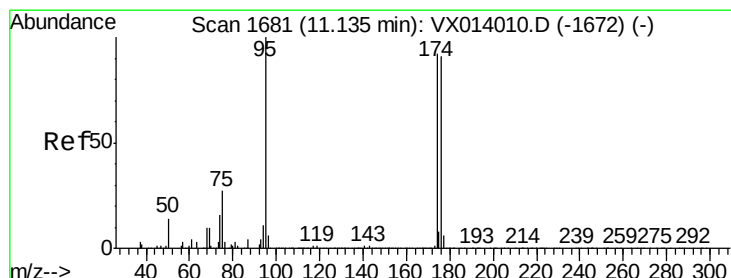
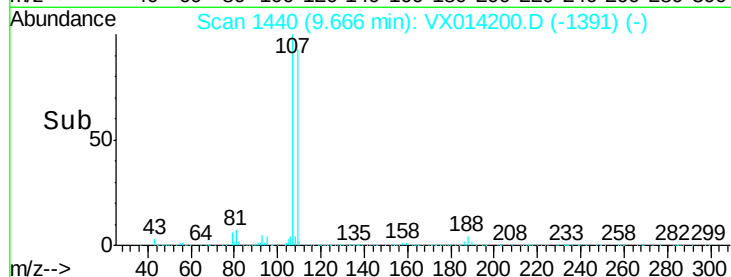
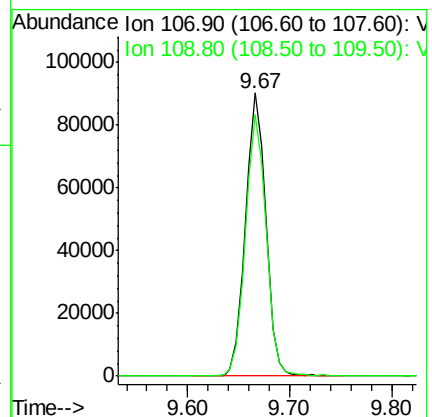
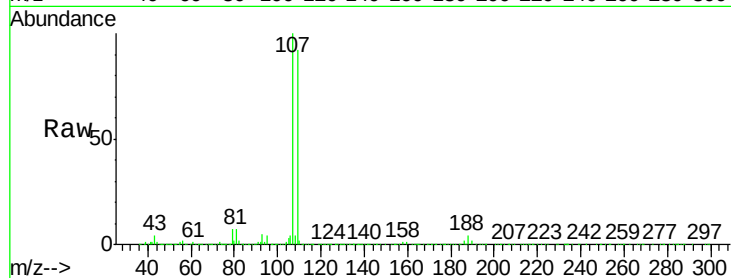
109 92.9 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 48.036 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

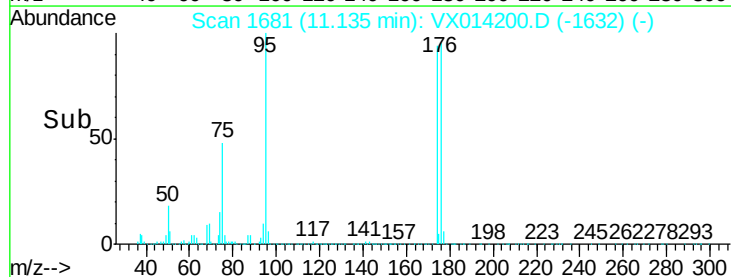
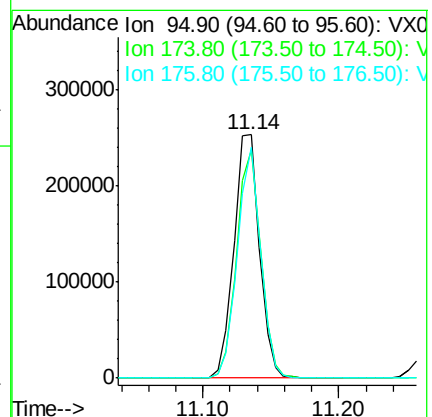
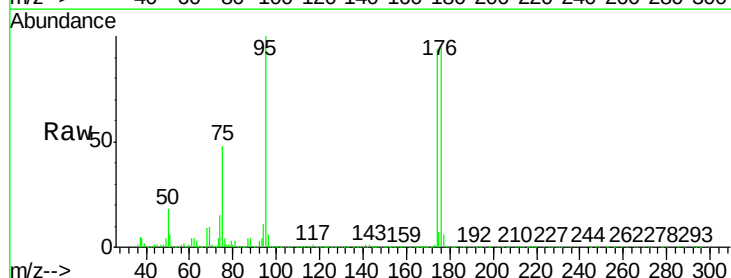
Tgt Ion: 95 Resp: 330361

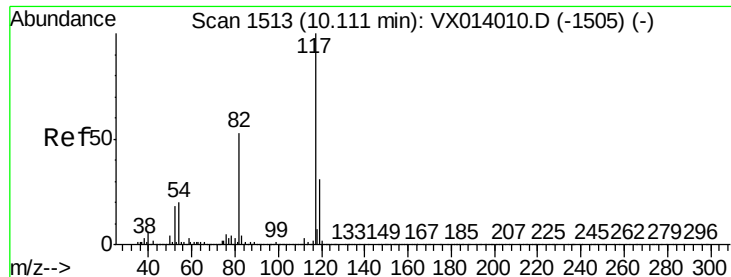
Ion Ratio Lower Upper

95 100

174 88.8 0.0 175.8

176 86.7 0.0 173.0





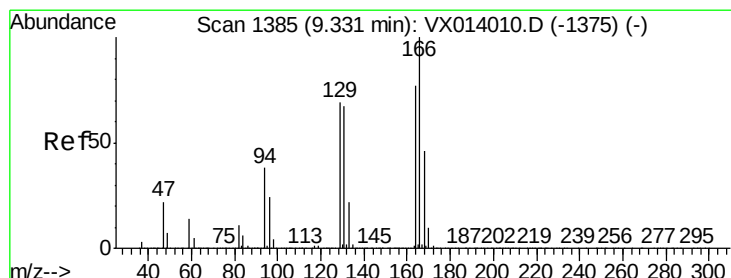
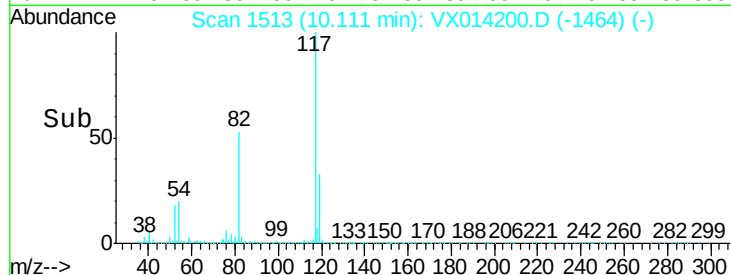
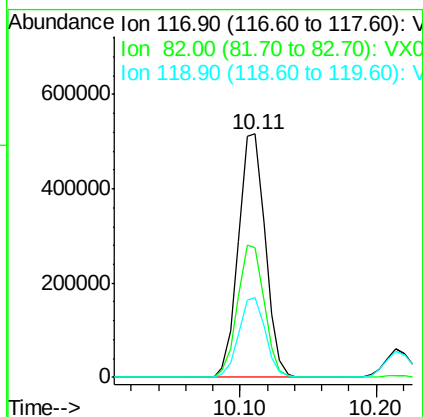
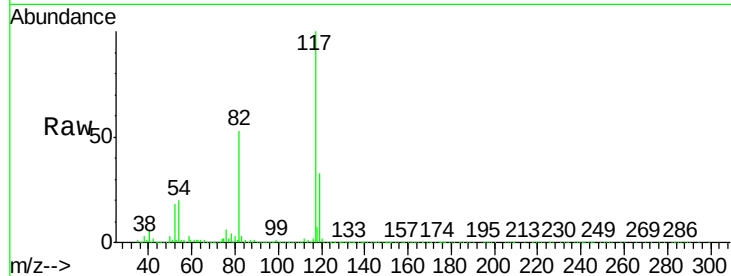
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	53.0	42.2	63.4
119	32.7	25.1	37.7

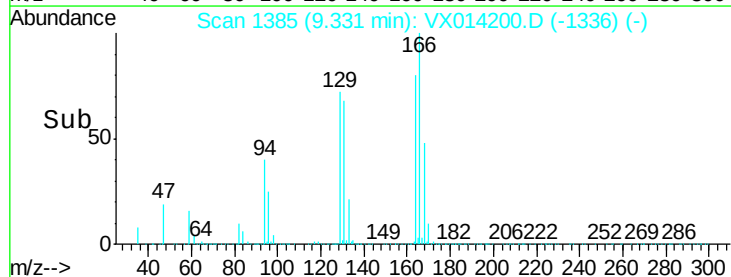
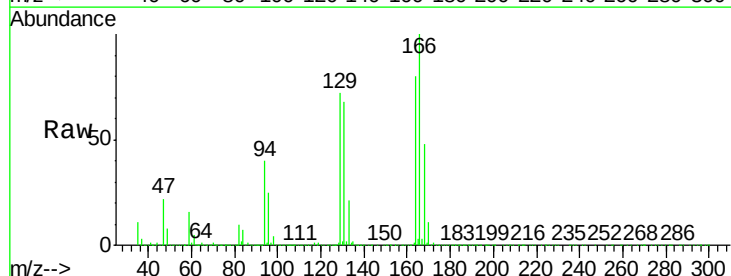
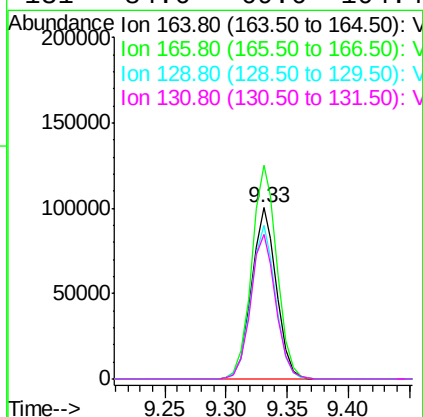
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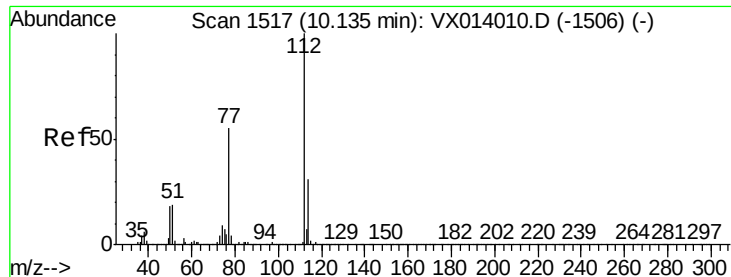
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#64
Tetrachloroethene
Concen: 22.537 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	124.6	104.0	156.0
129	89.2	72.2	108.4
131	84.6	69.6	104.4





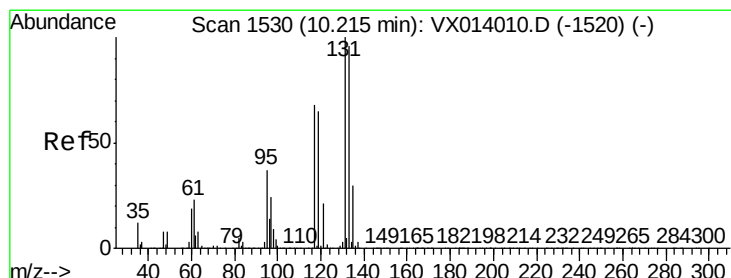
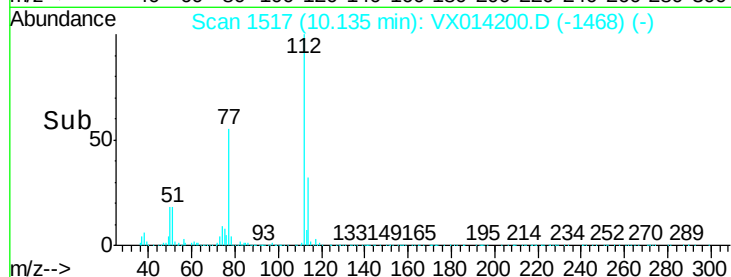
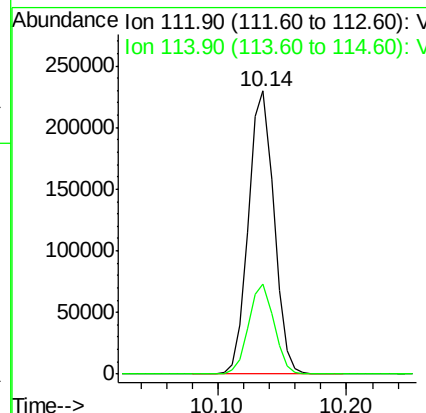
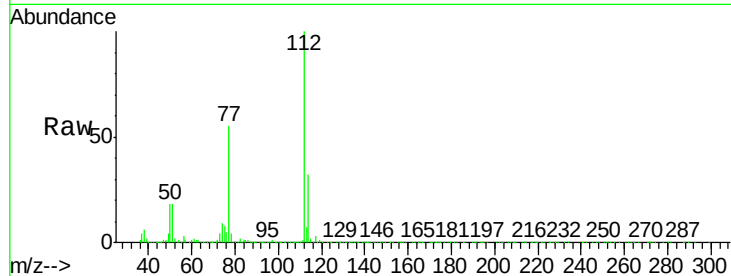
#65
Chlorobenzene
Concen: 20.584 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	24.9	37.3

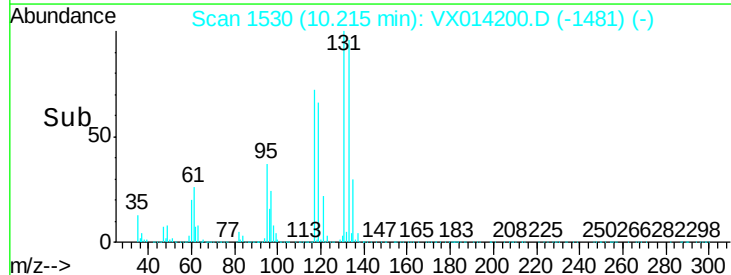
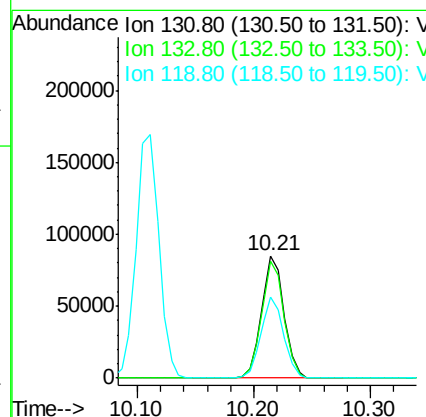
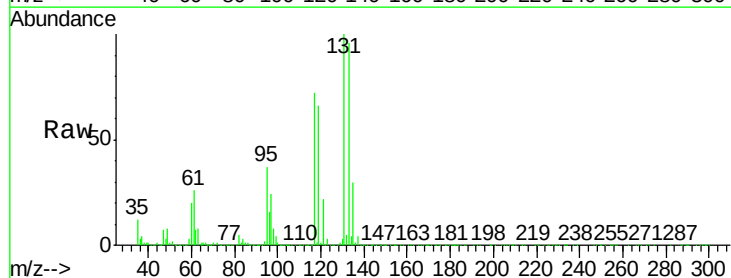
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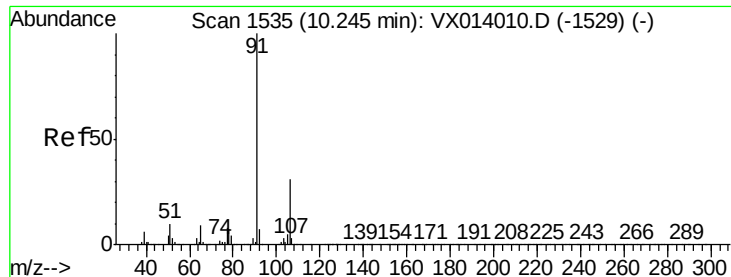
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.153 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	48.0	144.0
119	66.0	33.4	100.2





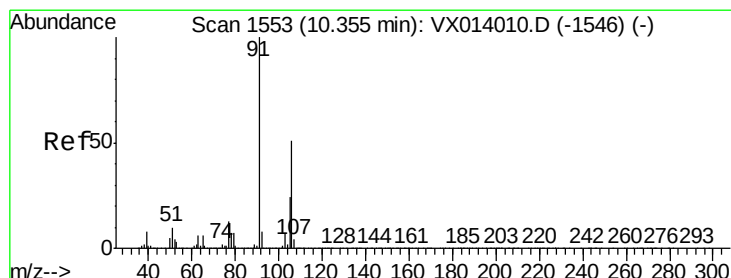
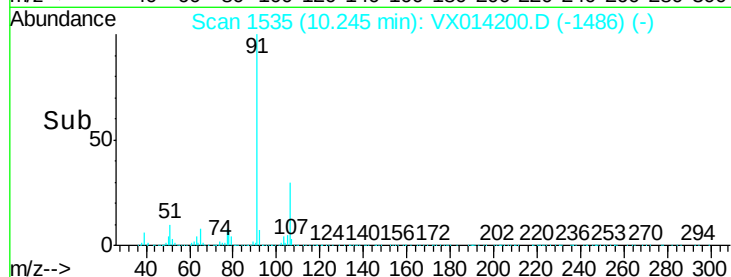
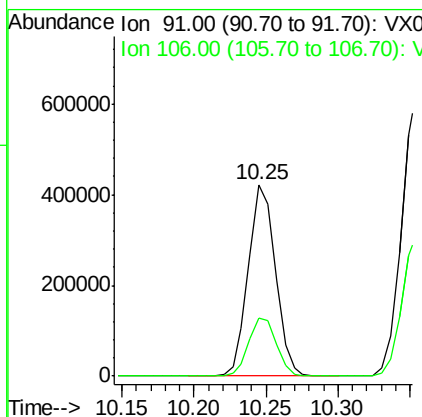
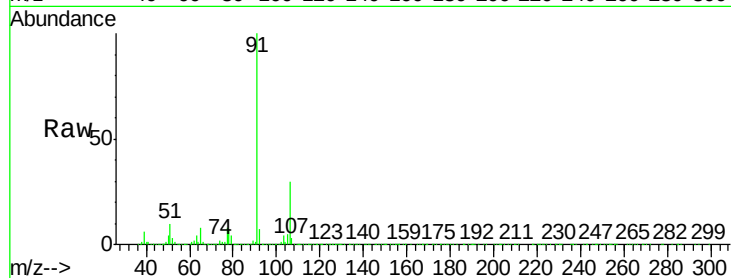
#67
Ethyl Benzene
Concen: 21.055 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

Tot Ion: 91 Resp: 548928
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.6

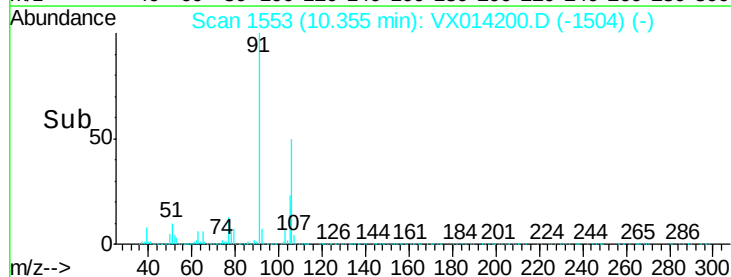
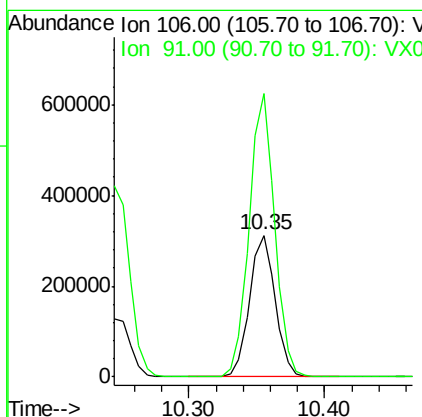
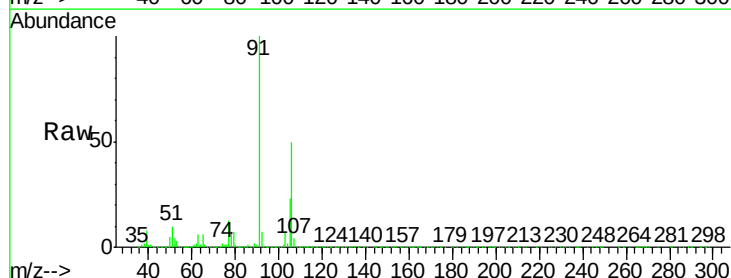
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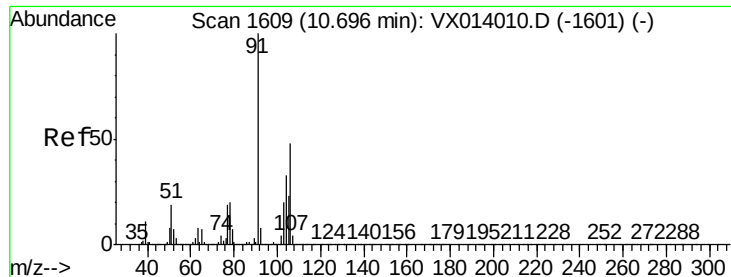
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#68
m/p-Xylenes
Concen: 41.179 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Tgt Ion: 106 Resp: 412918
Ion Ratio Lower Upper
106 100
91 198.5 158.6 238.0





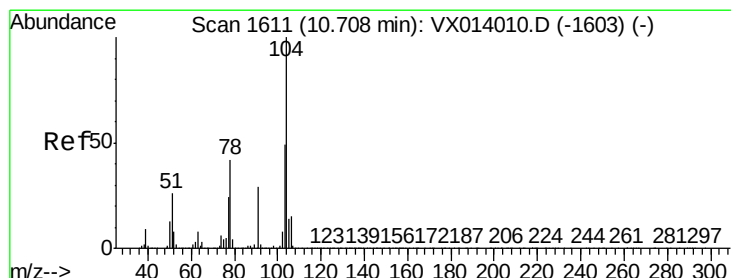
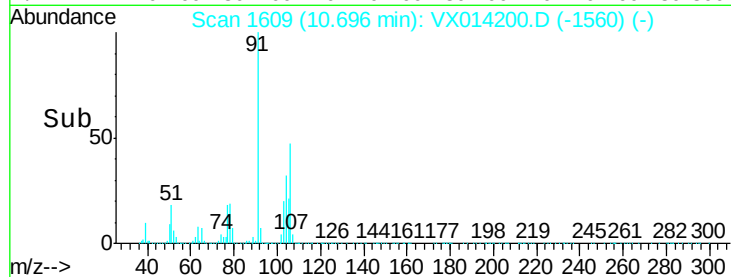
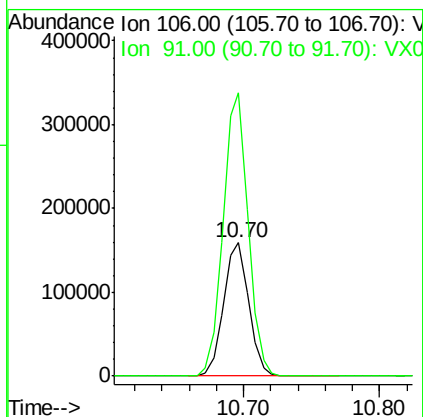
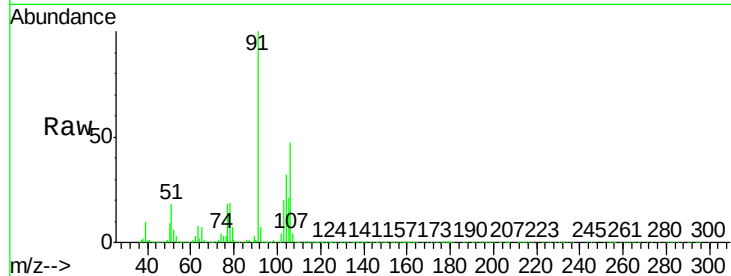
#69
o-Xylene
Concen: 20.609 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	202677		
91	211.4	104.2	312.6	

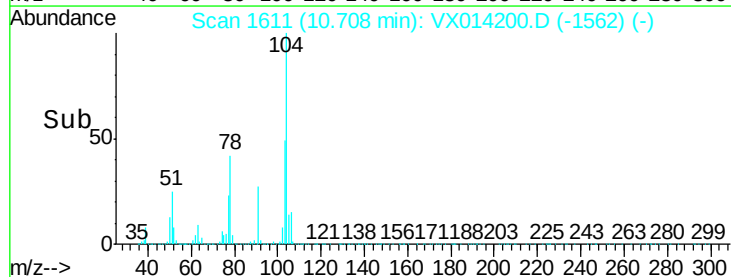
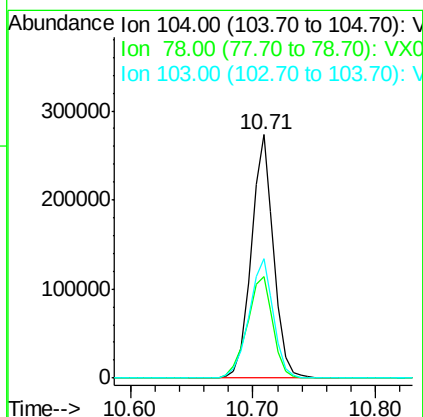
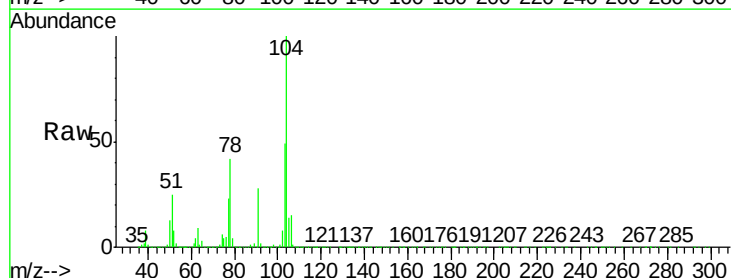
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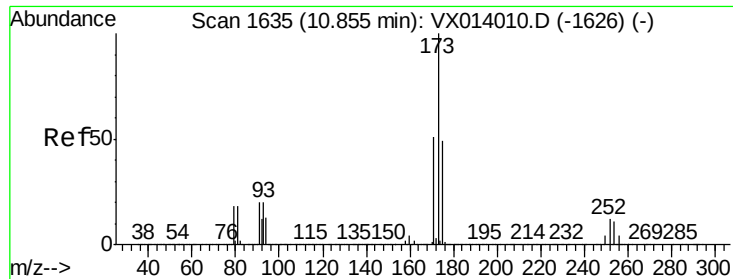
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#70
Styrene
Concen: 20.712 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	344430		
78	48.5	38.5	57.7	
103	54.5	42.9	64.3	





#71

Bromoform

Concen: 20.704 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Instrument :

MSVOA_X

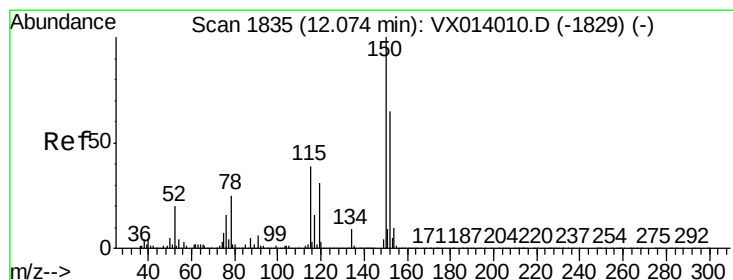
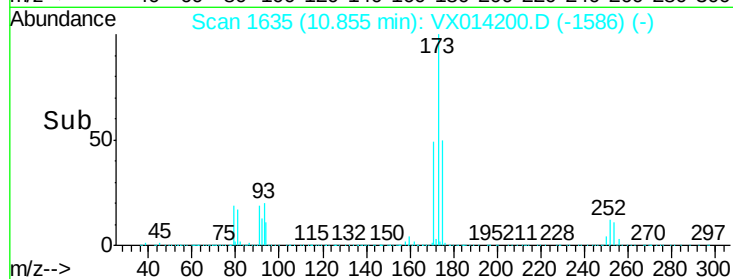
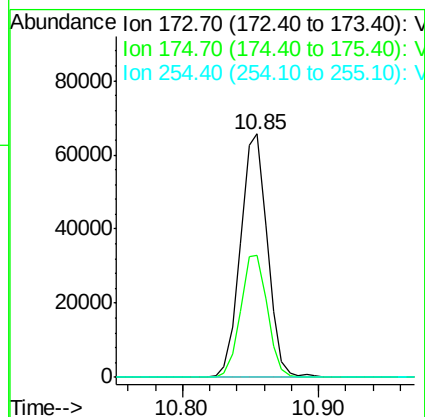
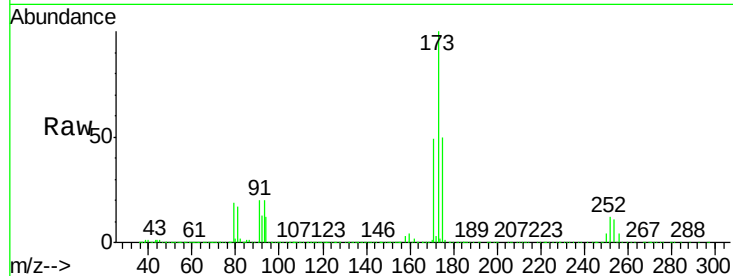
ClientSampleId :

VX1223WBSD01

Tot Ion:	173	Resp:	90112
Ion Ratio	Lower	Upper	
173	100		
175	50.9	24.4	73.4
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

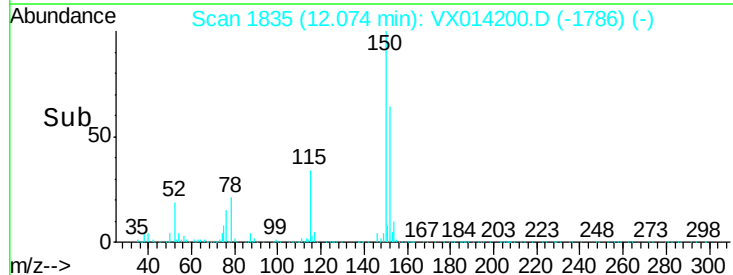
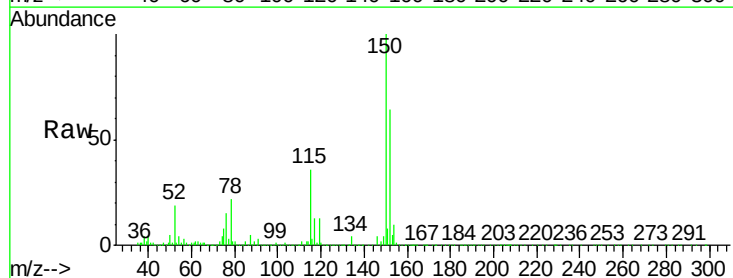
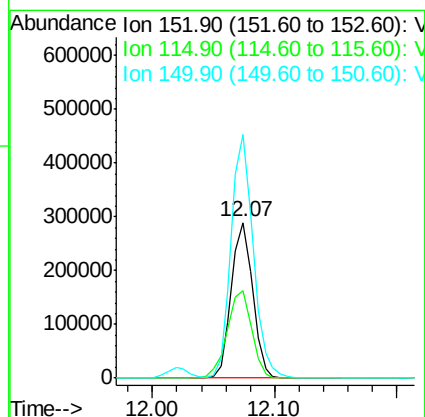
RT: 12.07 min Scan# 1835

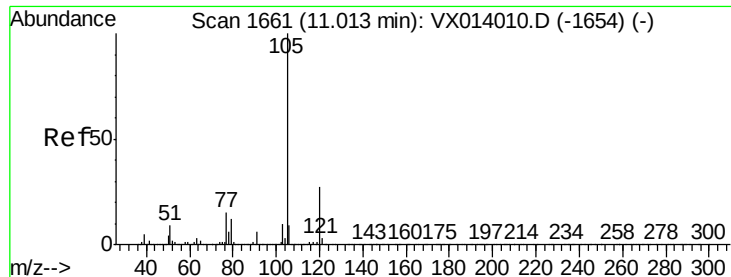
Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Tgt Ion:	152	Resp:	347525
Ion Ratio	Lower	Upper	
152	100		
115	64.7	38.3	114.9
150	162.3	0.0	345.4





#73

Isopropylbenzene

Concen: 21.942 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBSD01

Tot Ion:105 Resp: 536896

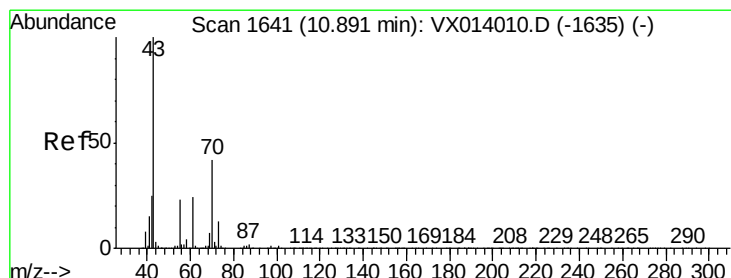
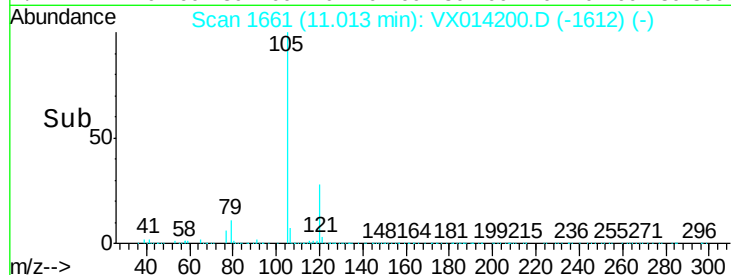
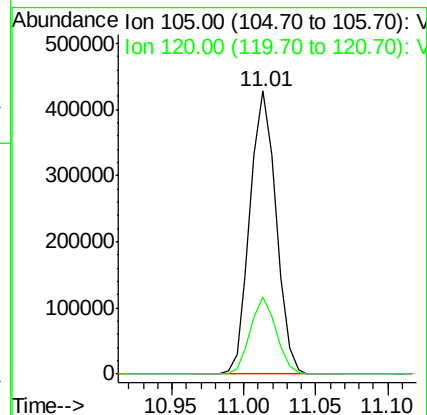
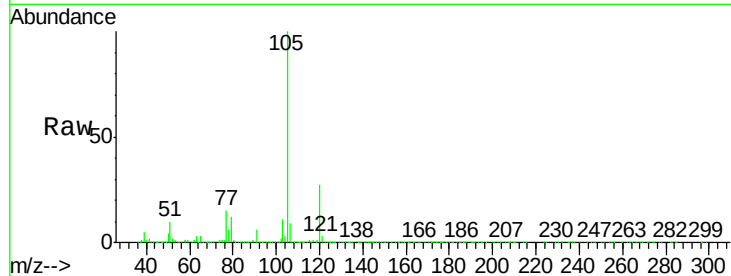
Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4

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#74

N-ethyl acetate

Concen: 21.849 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Tgt Ion: 43 Resp: 250592

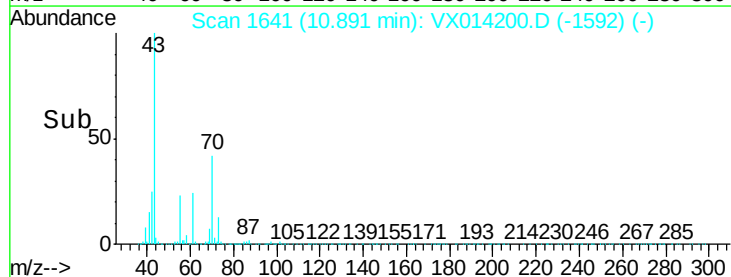
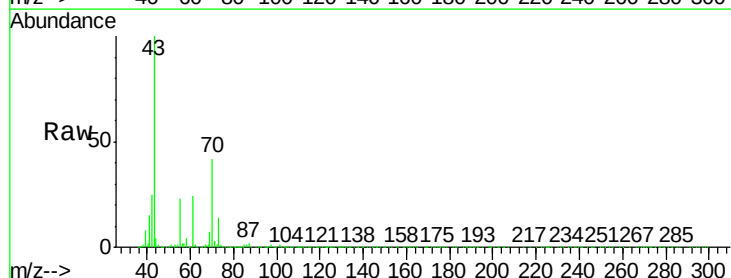
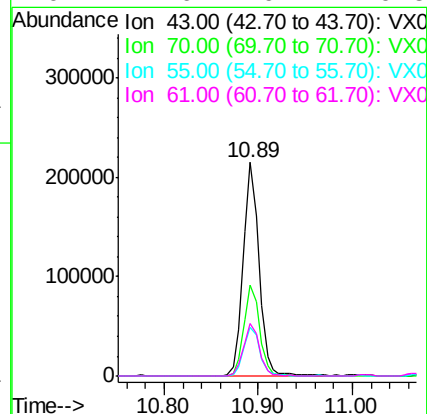
Ion Ratio Lower Upper

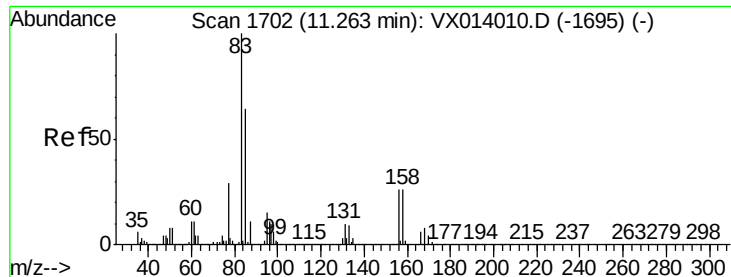
43 100

70 42.6 34.4 51.6

55 23.6 19.1 28.7

61 24.6 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.127 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Instrument :

MSVOA_X

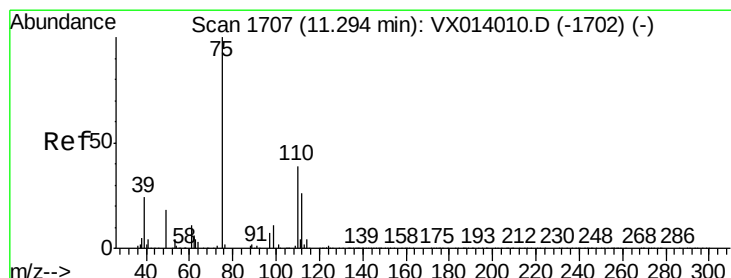
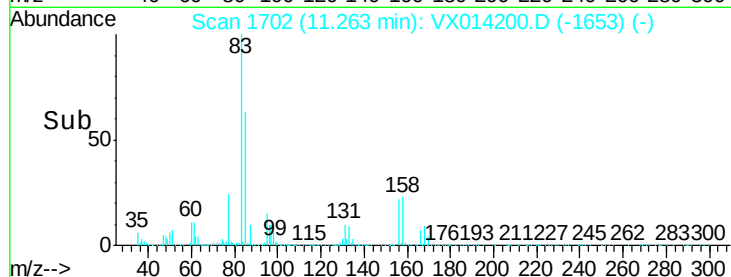
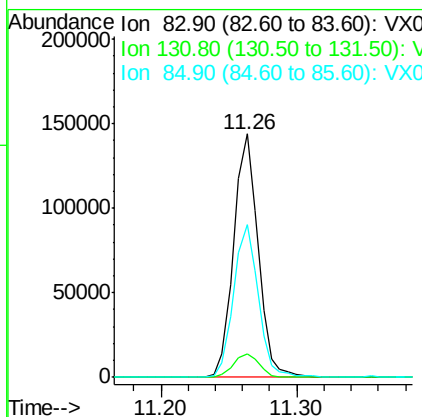
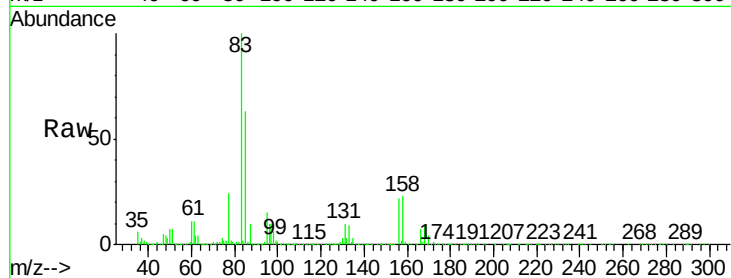
ClientSampleId :

VX1223WBSD01

Tot Ion:	83	Resp:	179221
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.2
85	63.9	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 19.801 ug/l m

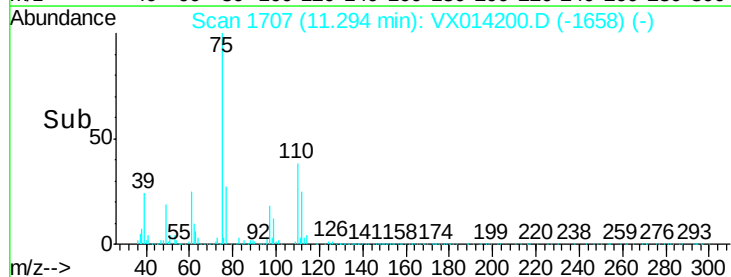
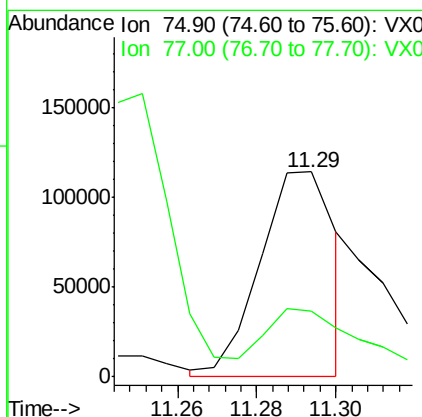
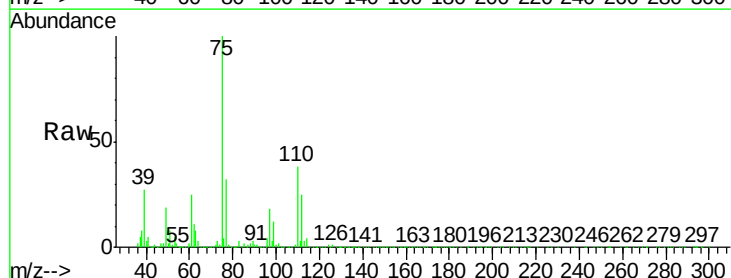
RT: 11.29 min Scan# 1707

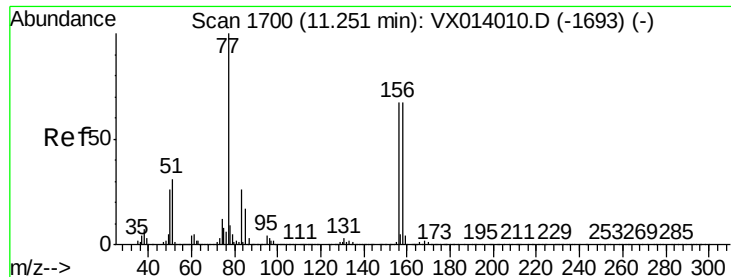
Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Tgt Ion:	75	Resp:	149391
Ion Ratio	Lower	Upper	
75	100		
77	43.1	19.3	57.8





#77

Bromobenzene

Concen: 20.735 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Instrument :

MSVOA_X

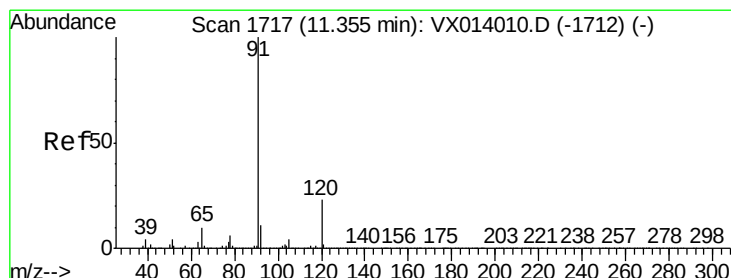
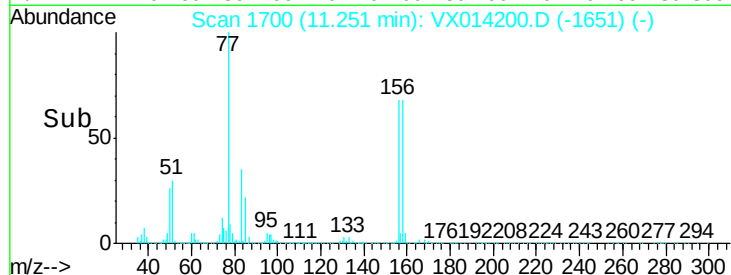
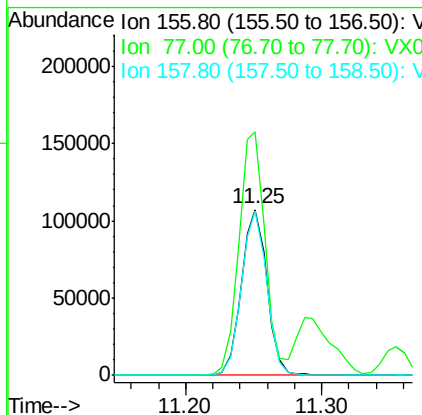
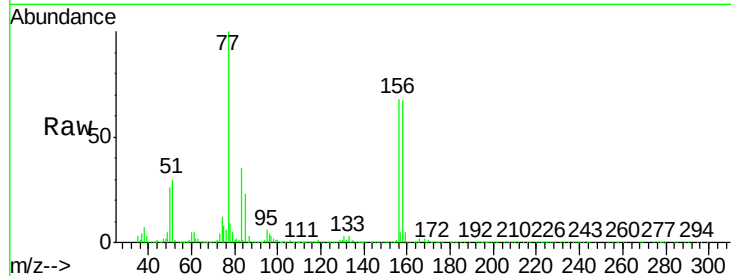
ClientSampleId :

VX1223WBSD01

Tot Ion:	156	Resp:	139590
Ion Ratio	Lower	Upper	
156	100		
77	152.7	76.5	229.5
158	98.3	49.3	147.9

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#78

n-propylbenzene

Concen: 21.911 ug/l

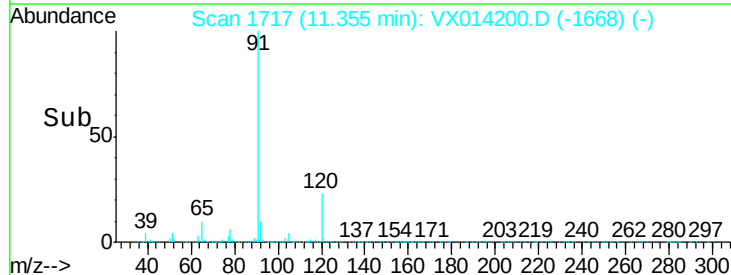
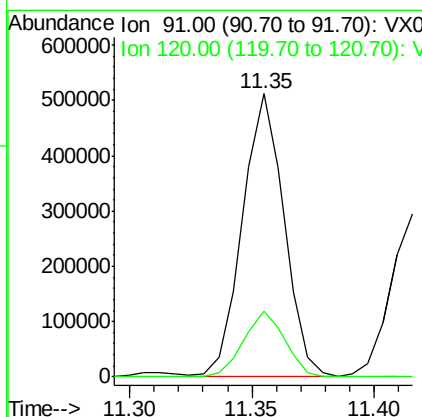
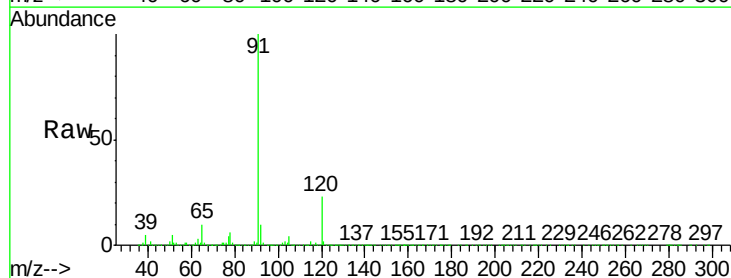
RT: 11.35 min Scan# 1717

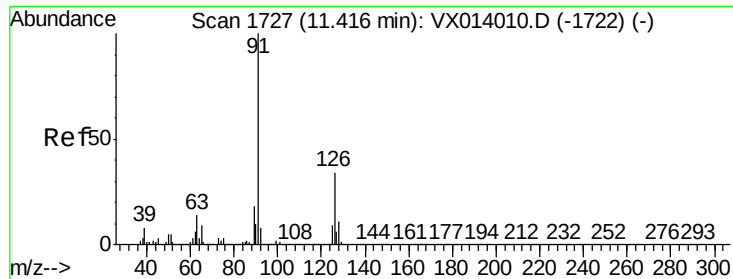
Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Tgt Ion:	91	Resp:	601360
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.0





#79

2-Chlorotoluene

Concen: 21.416 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBSD01

Tot Ion: 91 Resp: 357302

Ion Ratio Lower Upper

91 100

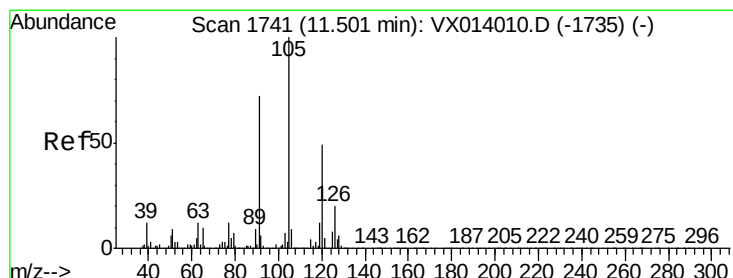
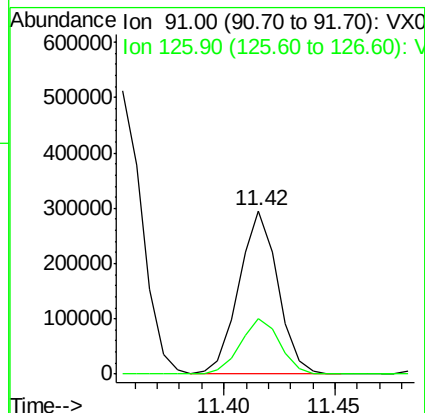
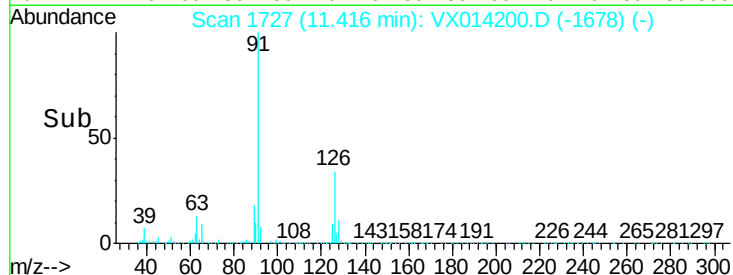
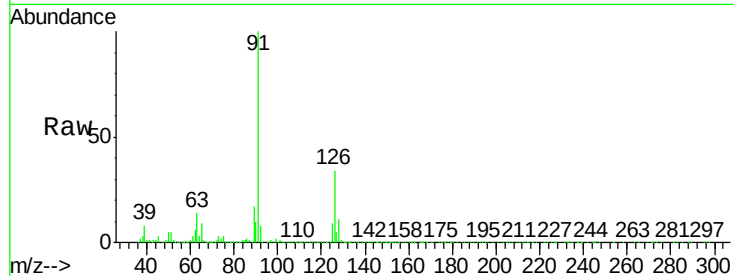
126 34.9 17.2 51.6

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#80

1,3,5-Trimethylbenzene

Concen: 21.698 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014200.D

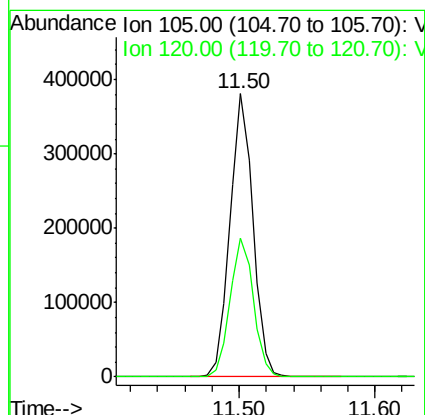
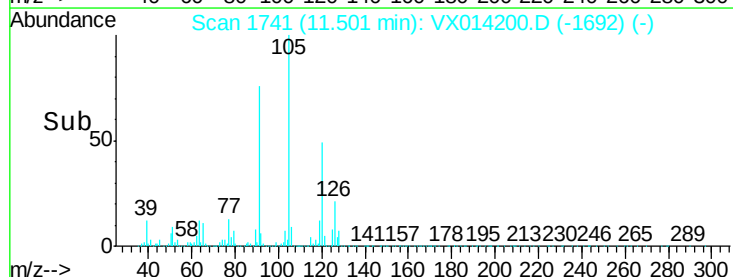
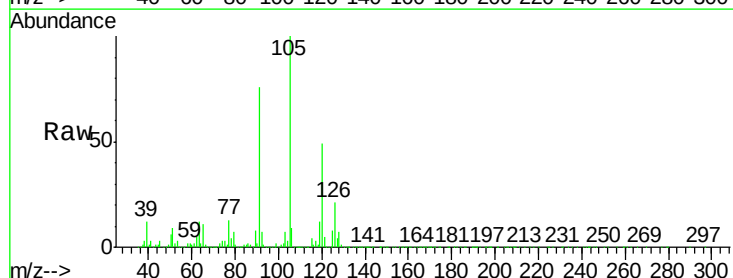
Acq: 23 Dec 2019 14:26

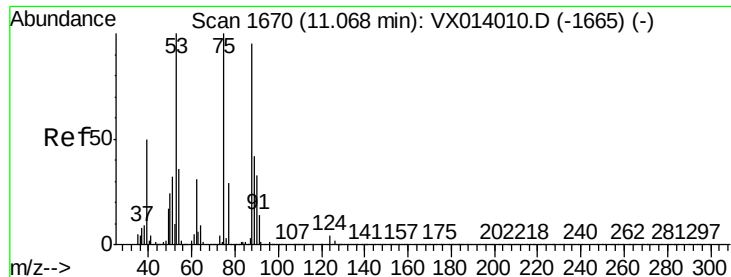
Tgt Ion: 105 Resp: 446828

Ion Ratio Lower Upper

105 100

120 49.8 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.295 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Instrument :

MSVOA_X

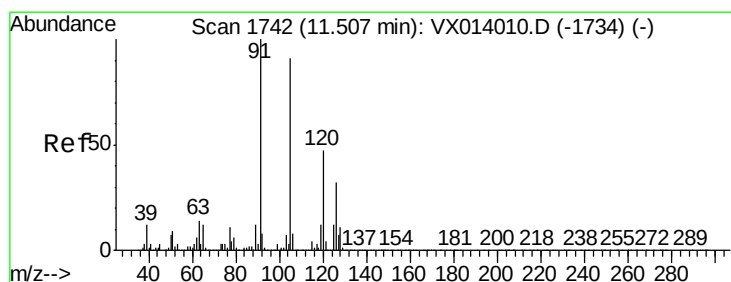
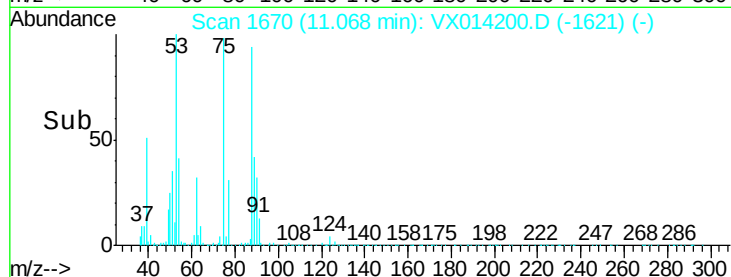
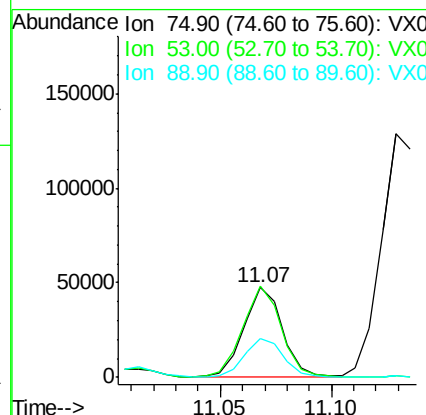
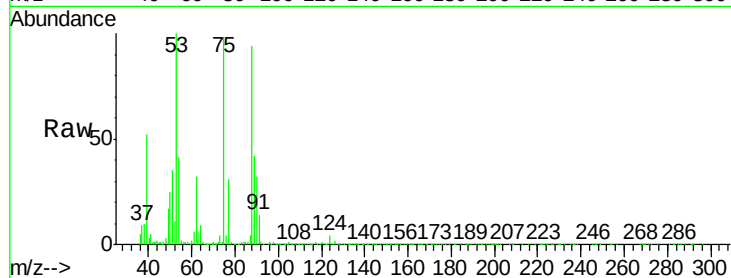
ClientSampleId :

VX1223WBSD01

Tot Ion:	75	Resp:	56922
Ion Ratio	Lower	Upper	
75	100		
53	103.7	76.7	115.1
89	43.4	34.6	51.8

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#82

4-Chlorotoluene

Concen: 20.928 ug/l

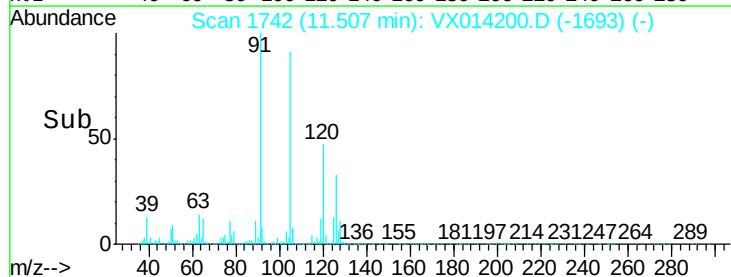
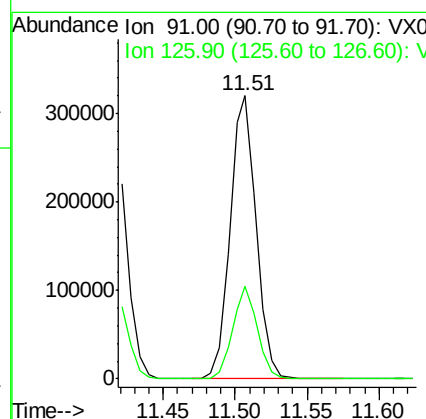
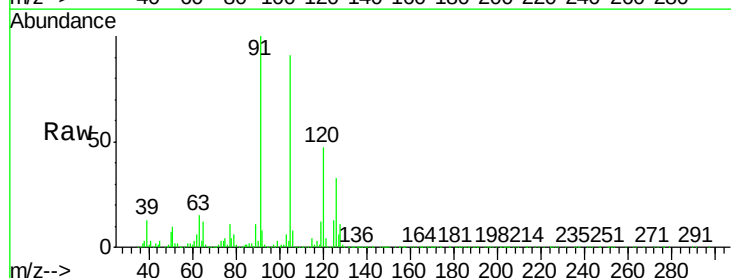
RT: 11.51 min Scan# 1742

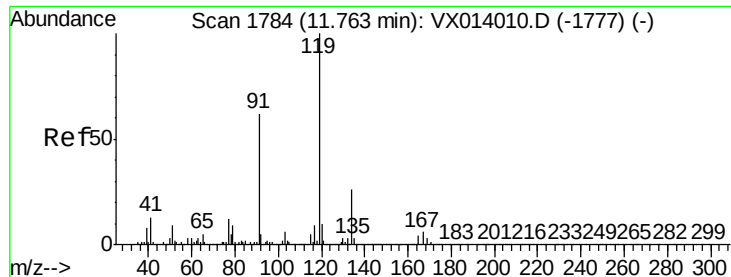
Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Tgt Ion:	91	Resp:	405011
Ion Ratio	Lower	Upper	
91	100		
126	30.9	15.6	46.8





#83

tert-Butylbenzene

Concen: 21.220 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Instrument :

MSVOA_X

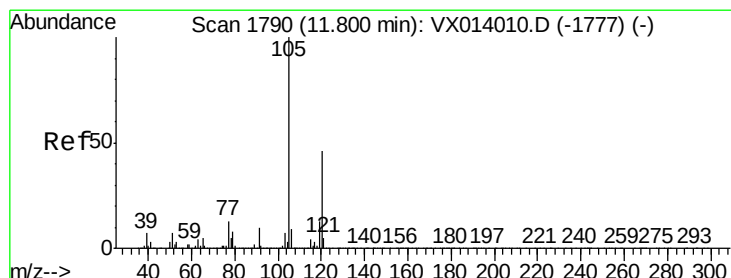
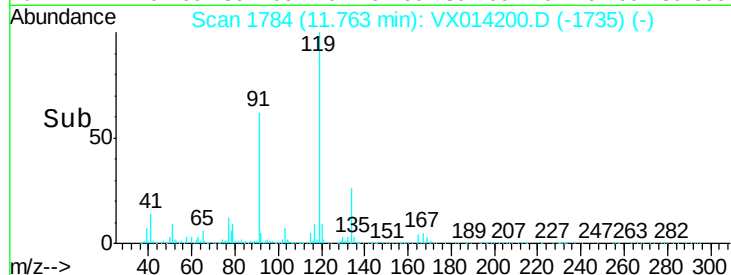
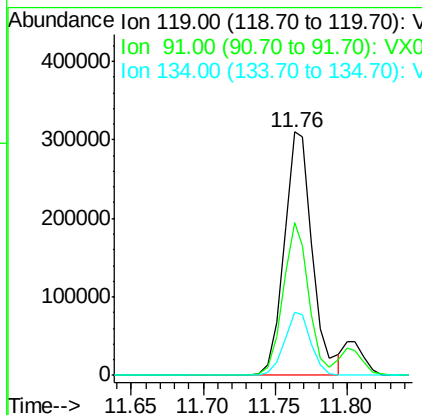
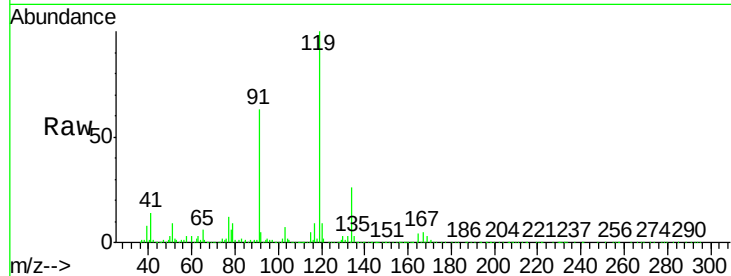
ClientSampleId :

VX1223WBSD01

Tot Ion:	119	Resp:	425245
Ion Ratio	Lower	Upper	
119	100		
91	57.1	28.5	85.6
134	24.2	12.2	36.6

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#84

1,2,4-Trimethylbenzene

Concen: 21.708 ug/l

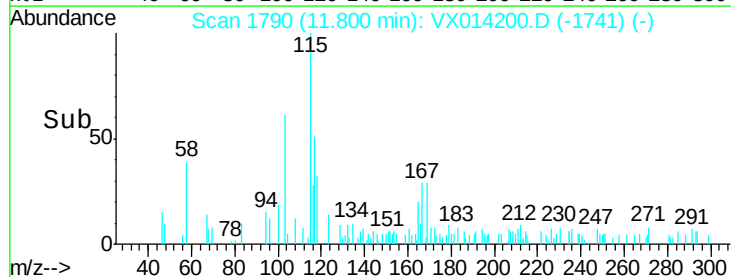
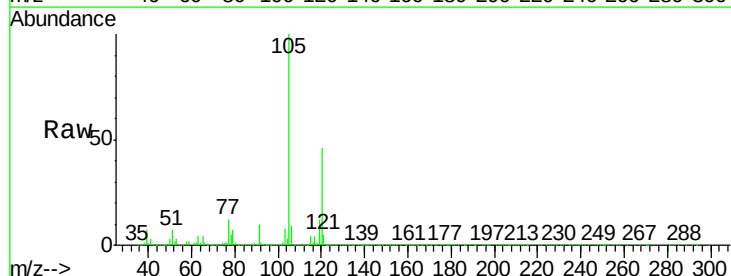
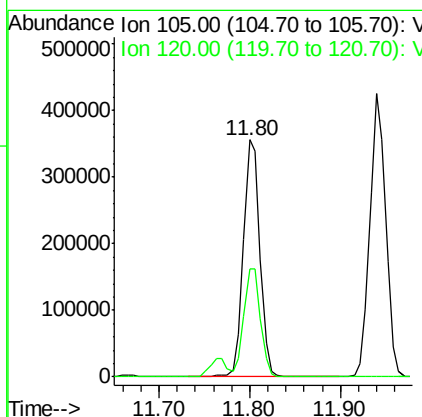
RT: 11.80 min Scan# 1790

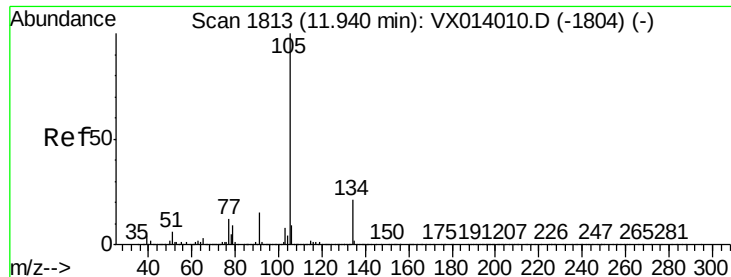
Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Tgt Ion:	105	Resp:	447680
Ion Ratio	Lower	Upper	
105	100		
120	46.0	23.1	69.2





#85

sec-Butylbenzene

Concen: 21.788 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Instrument :

MSVOA_X

ClientSampleId :

VX1223WBSD01

Tot Ion:105 Resp: 515453

Ion Ratio Lower Upper

105 100

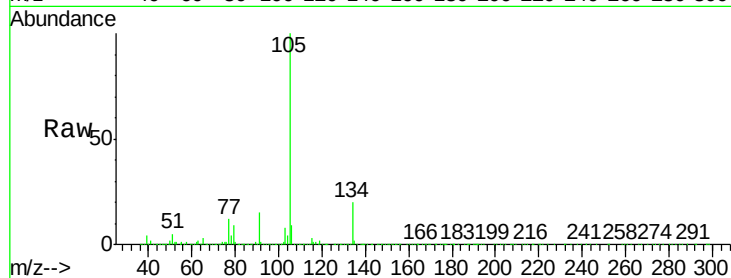
134 20.7 10.4 31.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

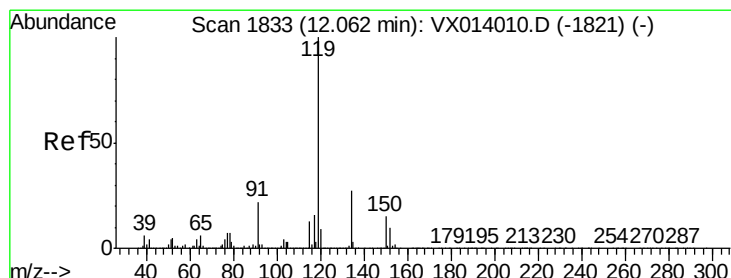
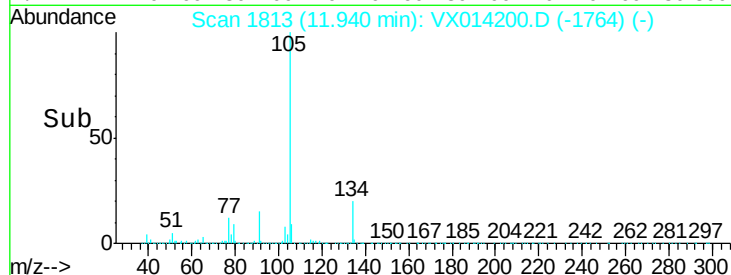
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.575 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

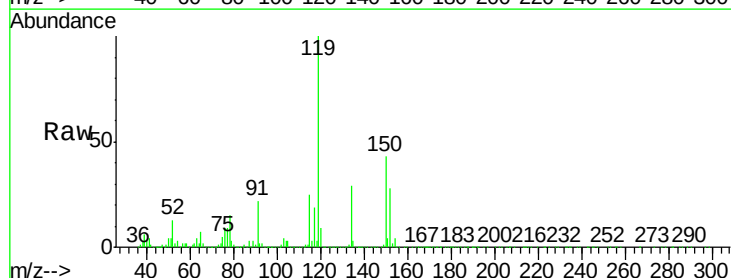
Tgt Ion:119 Resp: 466906

Ion Ratio Lower Upper

119 100

134 27.6 13.4 40.1

91 22.8 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

400000

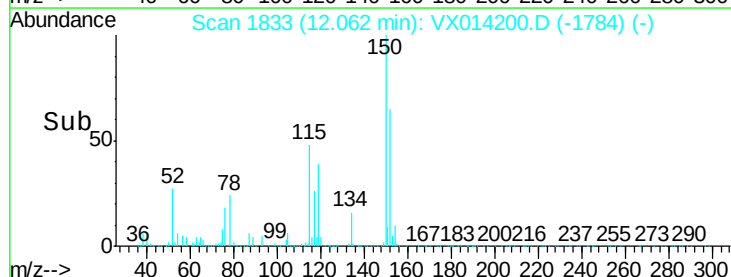
300000

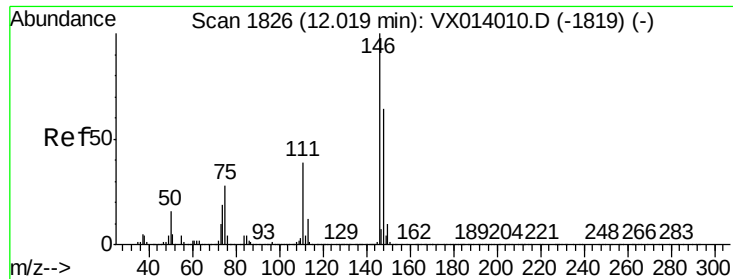
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.640 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

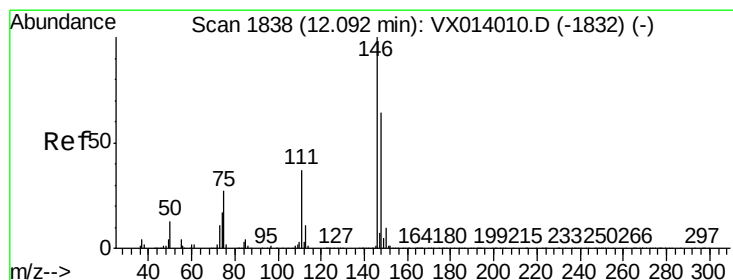
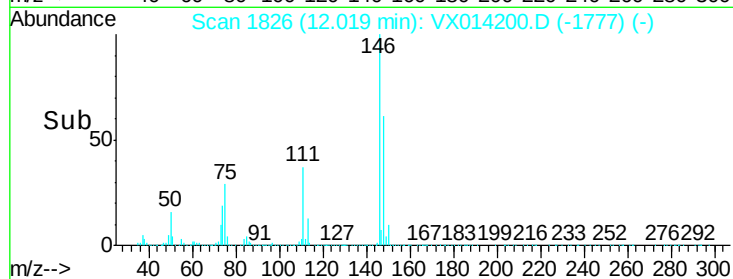
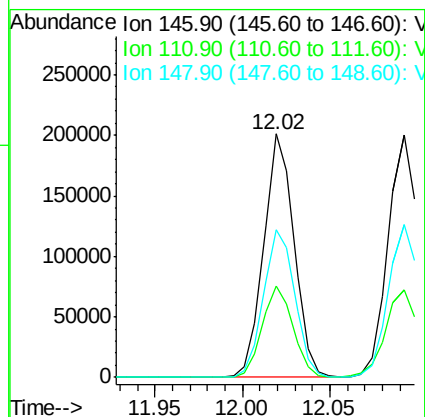
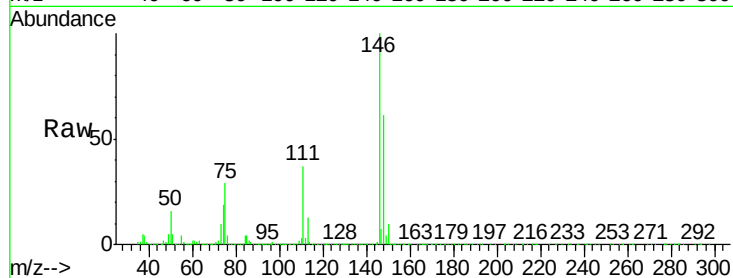
Instrument :
MSVOA_X

ClientSampleId :
VX1223WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	62.5	32.3	96.9

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#88

1,4-Dichlorobenzene

Concen: 20.250 ug/l

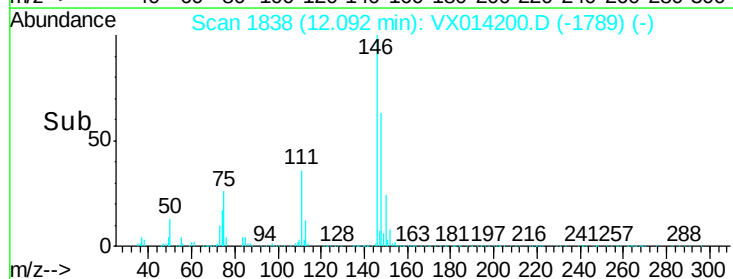
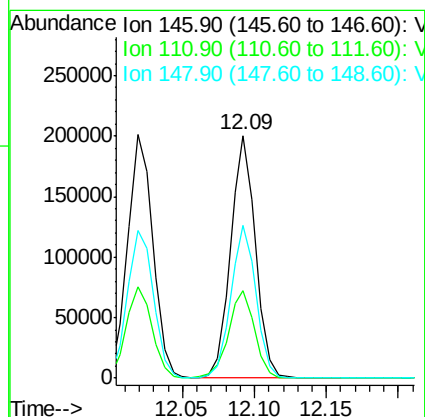
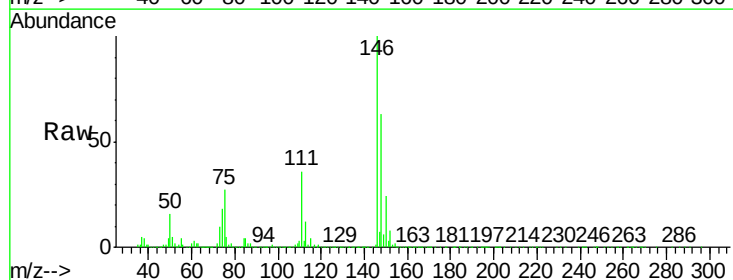
RT: 12.09 min Scan# 1838

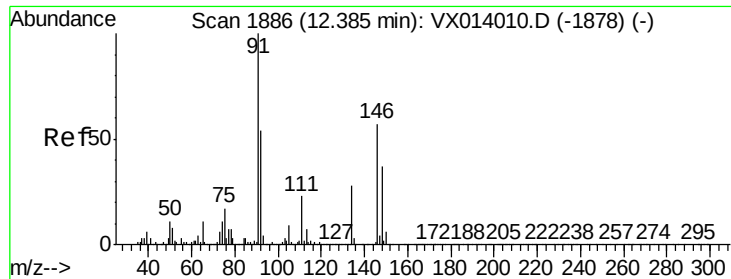
Delta R.T. 0.00 min

Lab File: VX014200.D

Acq: 23 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.7	56.1
148	63.5	31.9	95.9





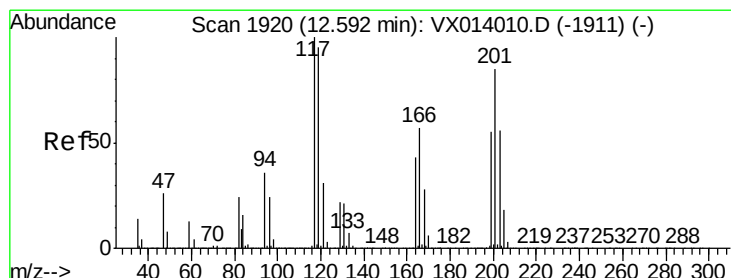
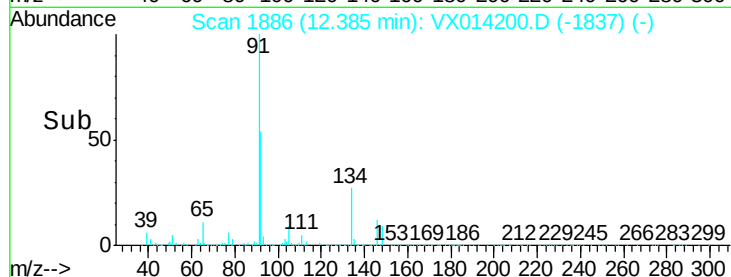
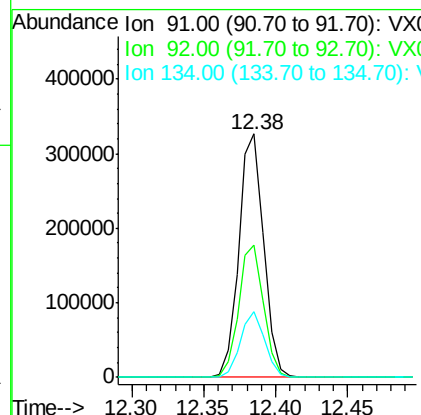
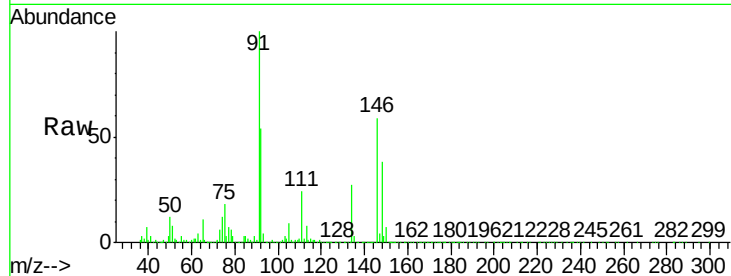
#89
n-Butylbenzene
Concen: 21.276 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	392874		
92	54.8	27.2	81.6	
134	26.3	13.4	40.1	

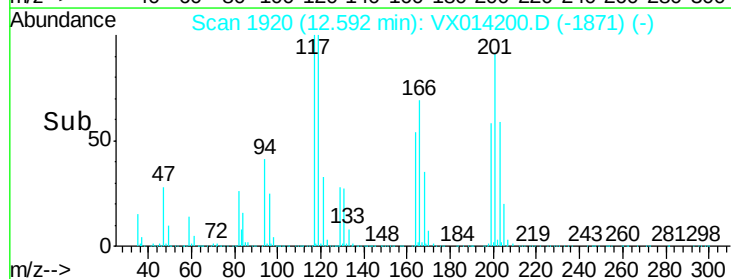
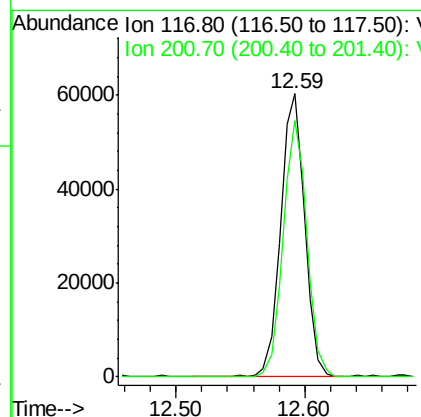
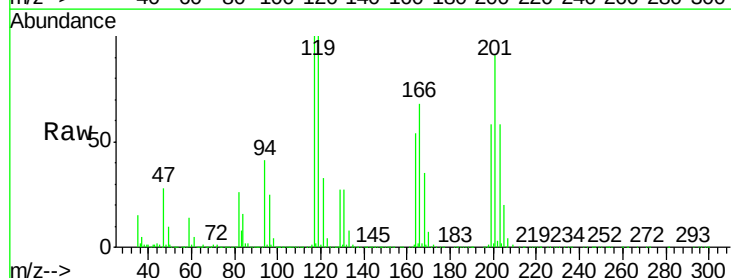
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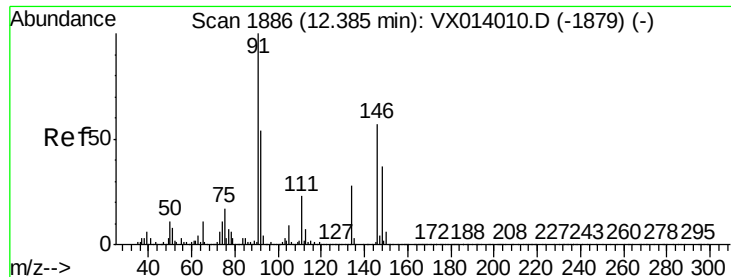
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#90
Hexachloroethane
Concen: 20.192 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	78489		
201	89.9	43.1	129.3	





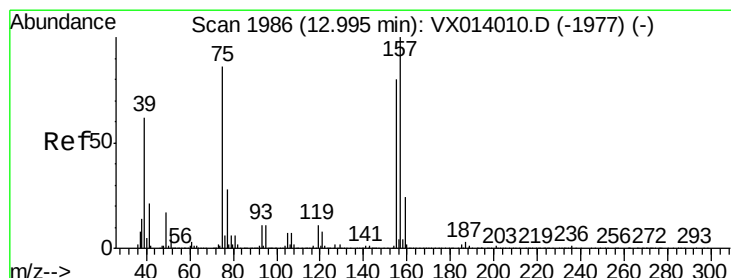
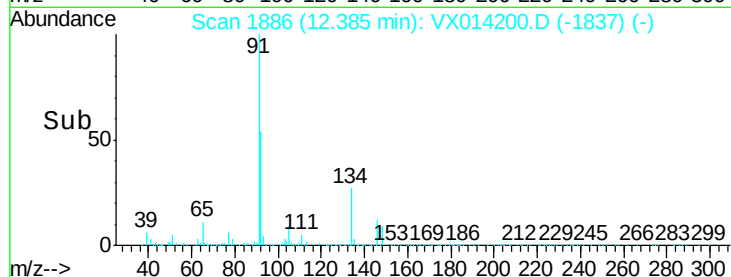
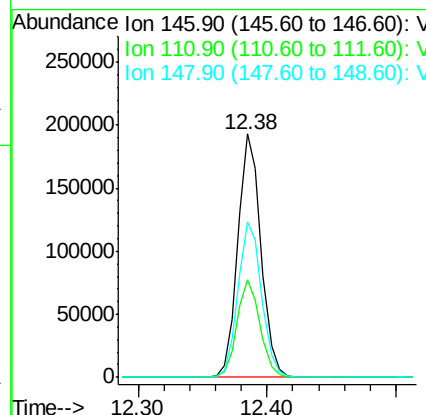
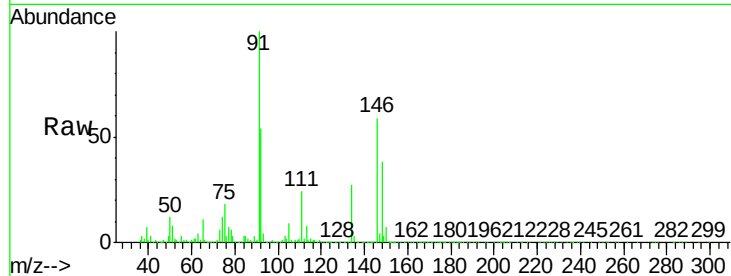
#91
 1,2-Dichlorobenzene
 Concen: 20.346 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014200.D
 Acq: 23 Dec 2019 14:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1223WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.7	59.1
148	65.2	32.1	96.5

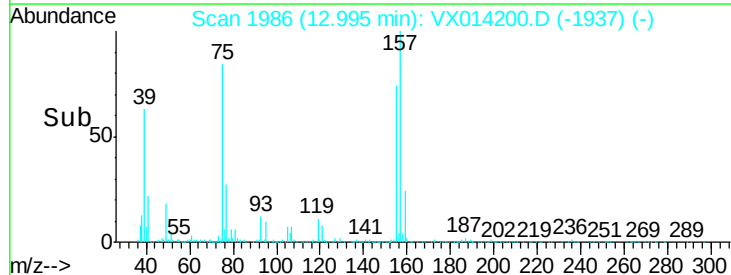
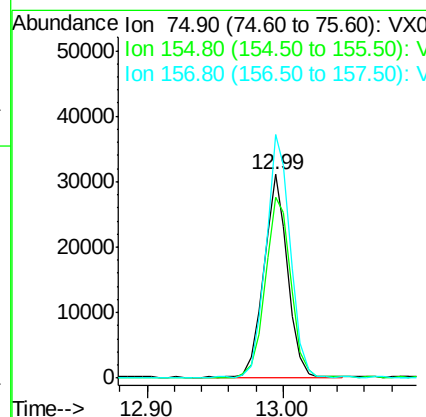
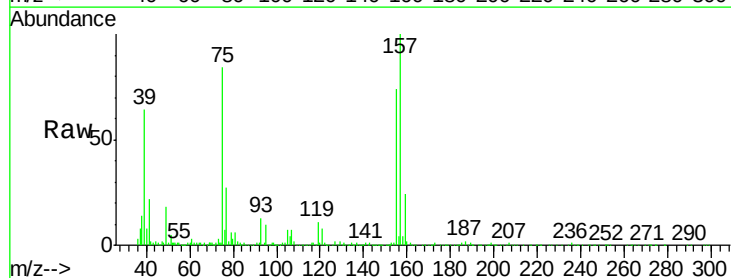
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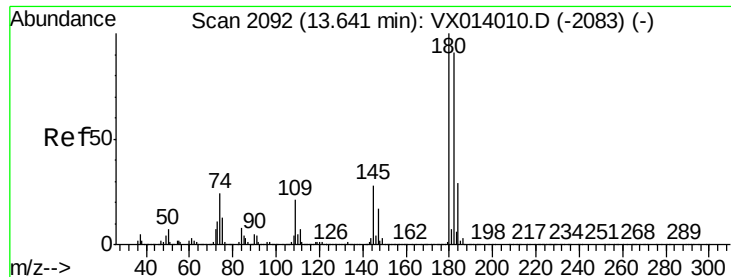
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.542 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014200.D
 Acq: 23 Dec 2019 14:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.2	46.9	140.6
157	122.3	60.8	182.4





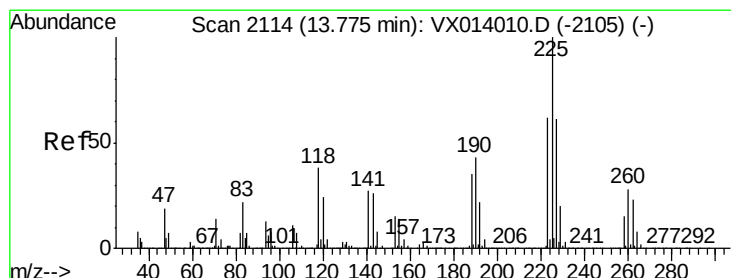
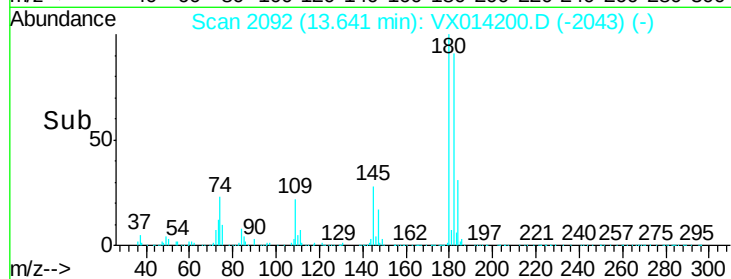
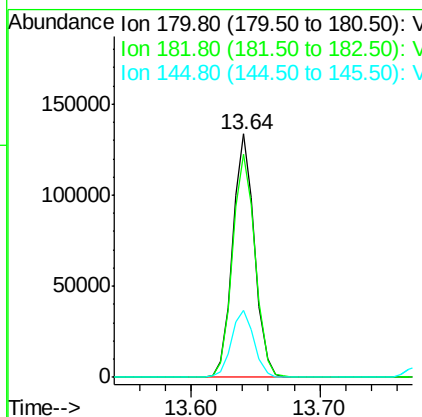
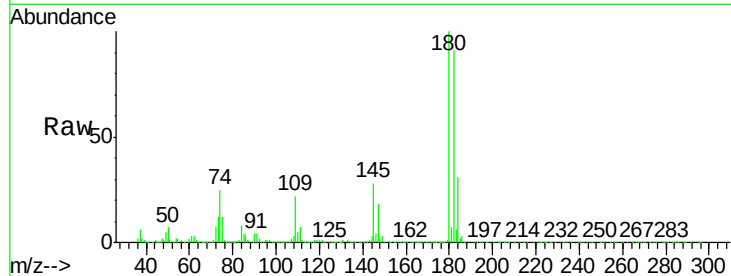
#93
1,2,4-Trichlorobenzene
Concen: 20.484 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	158136		
182	95.4	46.6	139.8	
145	28.9	14.2	42.6	

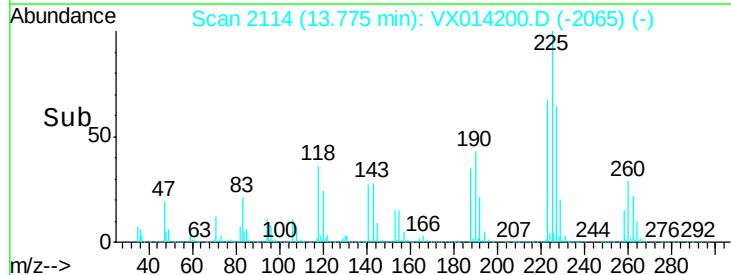
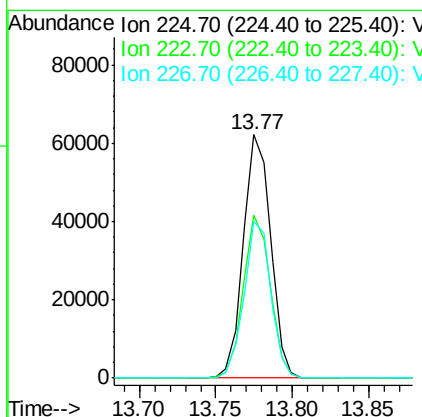
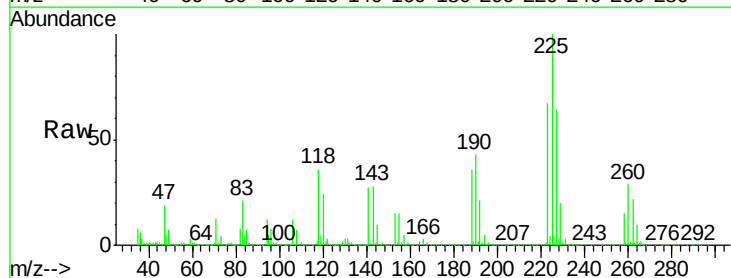
Manual Integrations
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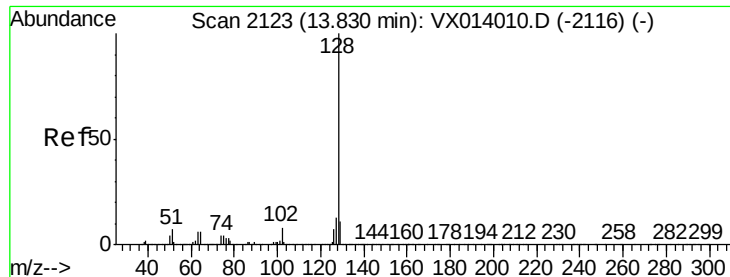
apatel
12/24/2019 8:53:06 AM



#94
Hexachlorobutadiene
Concen: 20.832 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	77290		
223	65.9	30.9	92.5	
227	63.5	30.9	92.7	





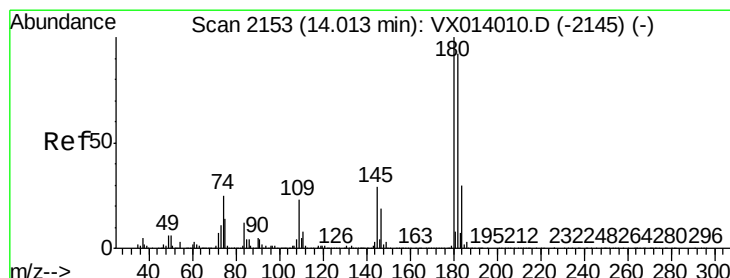
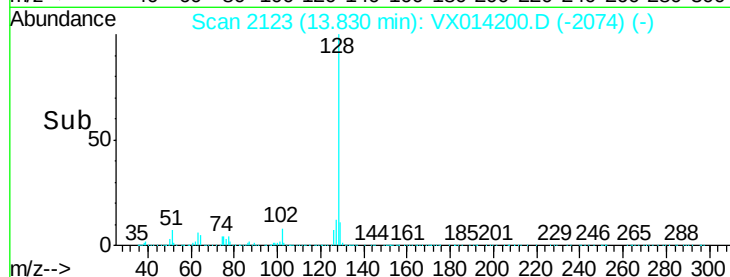
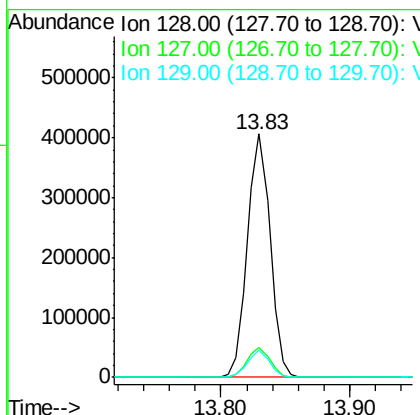
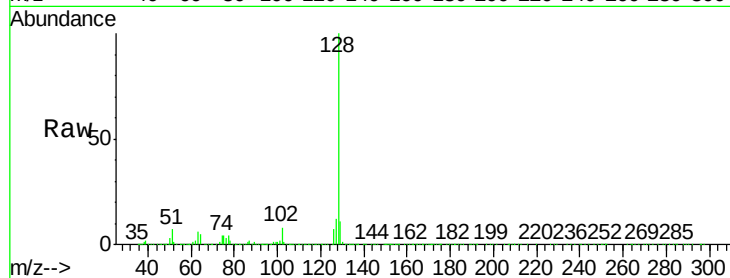
#95
Naphthalene
Concen: 21.772 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Instrument :
MSVOA_X
ClientSampleId :
VX1223WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	493811		
127	12.7	10.2	15.4	
129	10.8	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.859 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014200.D
Acq: 23 Dec 2019 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	158955		
182	99.0	46.8	140.3	
145	30.7	14.8	44.4	

