

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011420\
 Data File : VX014596.D
 Acq On : 14 Jan 2020 09:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/15/2020 10:23:56 AM

Quant Time: Jan 15 00:23:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	458081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	674250	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	614138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	320890	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	251754	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
35) Dibromofluoromethane	5.48	113	209387	51.30	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.60%	
50) Toluene-d8	8.71	98	801831	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.13	95	284806	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	310439	54.562	ug/l	97
3) Chloromethane	1.32	50	308248	52.790	ug/l	100
4) Vinyl Chloride	1.40	62	357729	54.979	ug/l	99
5) Bromomethane	1.63	94	210580	48.824	ug/l	100
6) Chloroethane	1.72	64	198546	56.157	ug/l	99
7) Trichlorofluoromethane	1.92	101	389306	52.745	ug/l	98
8) Diethyl Ether	2.18	74	168892	50.156	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	238094	53.022	ug/l	99
10) Methyl Iodide	2.50	142	313182	58.245	ug/l	99
11) Tert butyl alcohol	3.02	59	250429	234.541	ug/l	99
12) 1,1-Dichloroethene	2.36	96	231556	51.181	ug/l	99
13) Acrolein	2.28	56	190101	222.127	ug/l	100
14) Allyl chloride	2.72	41	417596	52.573	ug/l	99
15) Acrylonitrile	3.12	53	665774	258.350	ug/l	99
16) Acetone	2.43	43	746460	291.827	ug/l	98
17) Carbon Disulfide	2.56	76	617741	48.935	ug/l	99
18) Methyl Acetate	2.76	43	403228	54.862	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	767029	52.813	ug/l	100
20) Methylene Chloride	2.84	84	262667	51.059	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	249830	50.581	ug/l	98
22) Diisopropyl ether	3.84	45	844886	55.040	ug/l	99
23) Vinyl Acetate	3.80	43	3295428	277.289	ug/l	99
24) 1,1-Dichloroethane	3.69	63	451486	54.067	ug/l	99
25) 2-Butanone	4.65	43	1026676	268.775	ug/l	99
26) 2,2-Dichloropropane	4.57	77	372701	52.687	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	283729	51.386	ug/l	99
28) Bromochloromethane	5.00	49	177673	50.494	ug/l	96
29) Tetrahydrofuran	5.11	42	593842	262.944	ug/l	98
30) Chloroform	5.19	83	442170	54.188	ug/l	96
31) Cyclohexane	5.57	56	430035	55.018	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	377558	54.055	ug/l	99
36) 1,1-Dichloropropene	5.79	75	342992	54.094	ug/l	98
37) Ethyl Acetate	4.81	43	353315	51.299	ug/l	99
38) Carbon Tetrachloride	5.77	117	324744	55.655	ug/l	96

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Quant Time: Jan 15 00:23:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	439237	55.138	ug/l	98
40) Benzene	6.13	78	1029562	54.708	ug/l	98
41) Methacrylonitrile	5.02	41	203771	55.481	ug/l	98
42) 1,2-Dichloroethane	6.18	62	352463	53.566	ug/l	100
43) Isopropyl Acetate	6.43	43	594603	53.443	ug/l	99
44) Trichloroethene	7.20	130	288213	53.292	ug/l	98
45) 1,2-Dichloropropane	7.50	63	270490	56.376	ug/l	98
46) Dibromomethane	7.65	93	171688	51.269	ug/l	98
47) Bromodichloromethane	7.89	83	347149	56.971	ug/l	98
48) Methyl methacrylate	7.76	41	298180	55.957	ug/l	99
49) 1,4-Dioxane	7.73	88	111498	987.488	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1851780	273.130	ug/l	99
52) Toluene	8.78	92	651634	54.092	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	383274	54.027	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	426804	55.694	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	263906	54.540	ug/l	98
56) Ethyl methacrylate	9.17	69	414292	55.886	ug/l	99
57) 1,3-Dichloropropane	9.36	76	440970	54.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	758759	300.828	ug/l	99
59) 2-Hexanone	9.48	43	1513256	282.086	ug/l	99
60) Dibromochloromethane	9.57	129	279541	57.477	ug/l	99
61) 1,2-Dibromoethane	9.67	107	270358	52.746	ug/l	100
64) Tetrachloroethene	9.33	164	310801	50.495	ug/l	99
65) Chlorobenzene	10.13	112	704986	52.896	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	257986	54.241	ug/l	98
67) Ethyl Benzene	10.25	91	1243960	54.760	ug/l	99
68) m/p-Xylenes	10.35	106	955283	109.002	ug/l	97
69) o-Xylene	10.69	106	458987	54.891	ug/l	99
70) Styrene	10.70	104	801020	55.509	ug/l	99
71) Bromoform	10.85	173	212020	54.483	ug/l	100
73) Isopropylbenzene	11.01	105	1230428	54.605	ug/l	100
74) N-amyl acetate	10.89	43	524561	52.765	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	386428	53.475	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	335550m	50.540	ug/l	
77) Bromobenzene	11.25	156	318531	50.973	ug/l	100
78) n-propylbenzene	11.35	91	1436834	55.678	ug/l	99
79) 2-Chlorotoluene	11.42	91	818416	53.212	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1028237	54.962	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	133720	53.248	ug/l	96
82) 4-Chlorotoluene	11.50	91	967909	53.613	ug/l	98
83) tert-Butylbenzene	11.76	119	969494	54.846	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1040334	55.033	ug/l	100
85) sec-Butylbenzene	11.94	105	1219078	55.477	ug/l	99
86) p-Isopropyltoluene	12.06	119	1130663	55.448	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	574197	51.200	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	574815	54.611	ug/l	99
89) n-Butylbenzene	12.38	91	1005041	53.906	ug/l	100
90) Hexachloroethane	12.59	117	196191	54.774	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	569902	51.867	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	82456	50.727	ug/l	96

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MSVOA_X
ClientSampleId :
VSTDCCC050

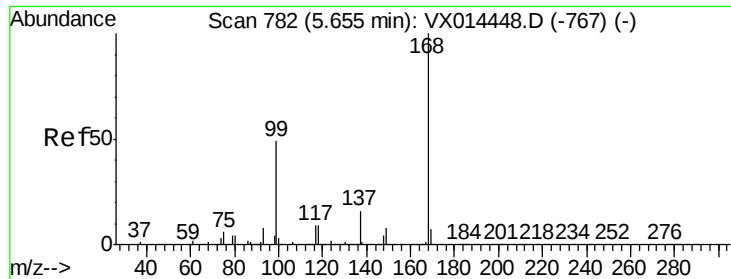
Manual Integrations
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1/15/2020 10:23:56 AM

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Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	404350	52.440	ug/l	100
94) Hexachlorobutadiene	13.78	225	202035	55.931	ug/l	99
95) Naphthalene	13.83	128	1161380	48.521	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	398729	52.699	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 458081

Ion Ratio Lower Upper

168 100

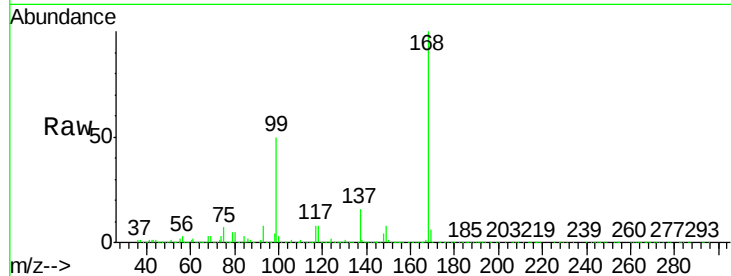
99 49.5 39.2 58.8

Manual Integrations

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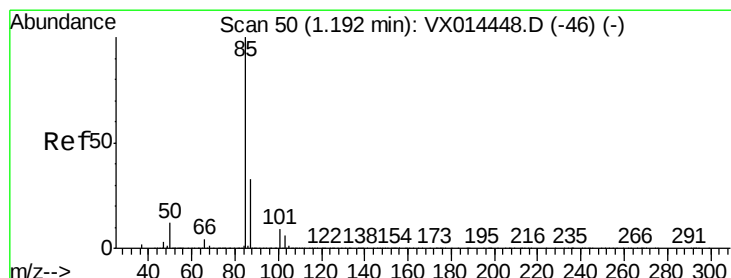
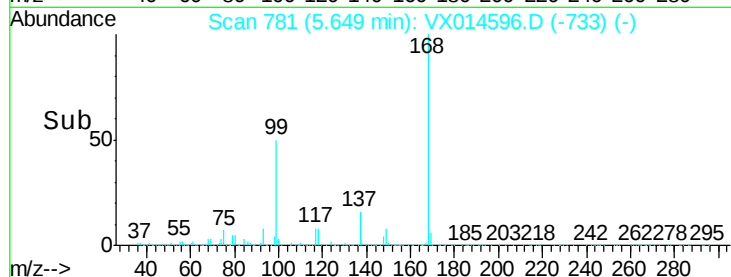
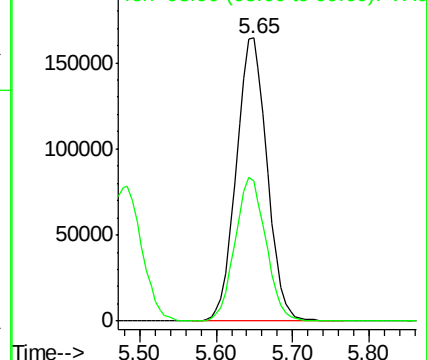
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 54.562 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014596.D

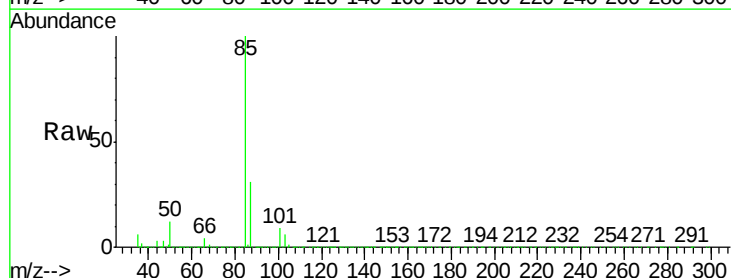
Acq: 14 Jan 2020 09:38

Tgt Ion: 85 Resp: 310439

Ion Ratio Lower Upper

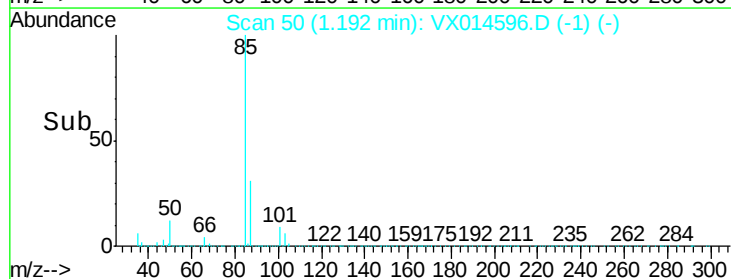
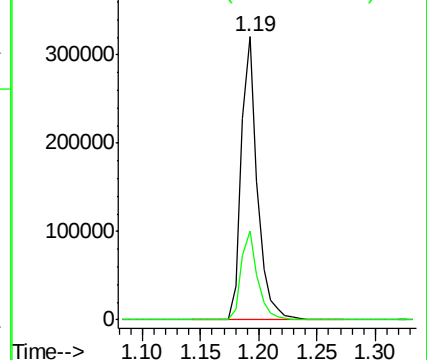
85 100

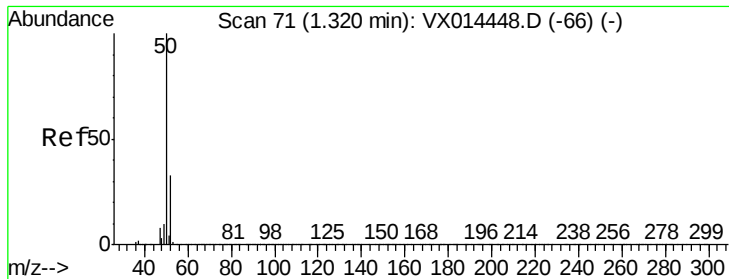
87 31.4 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





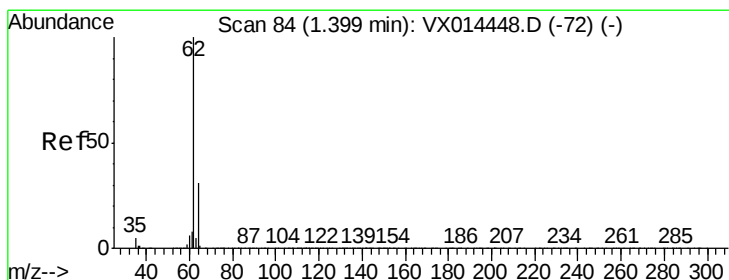
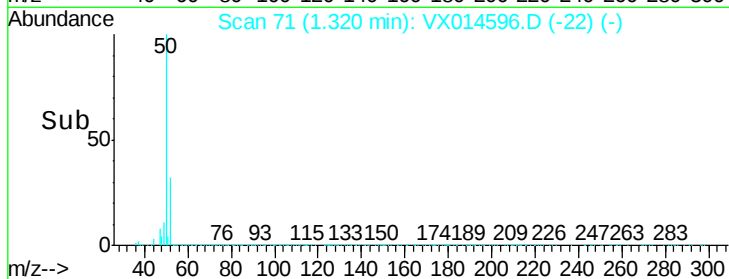
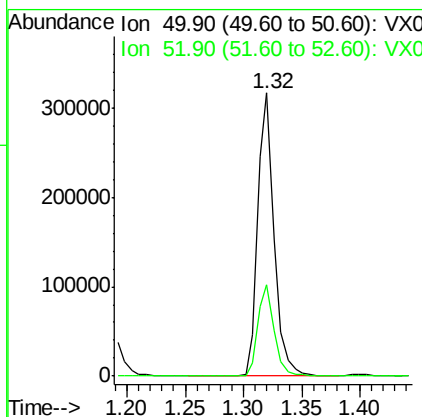
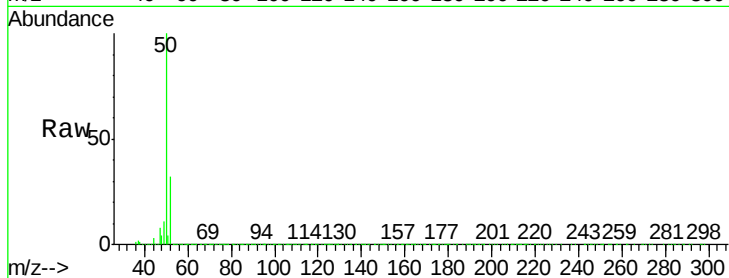
#3
Chloromethane
Concen: 52.790 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.3	26.1	39.1

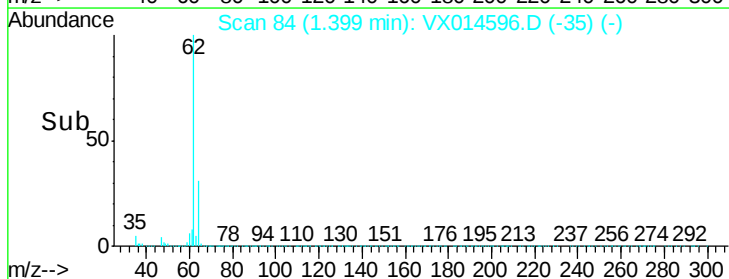
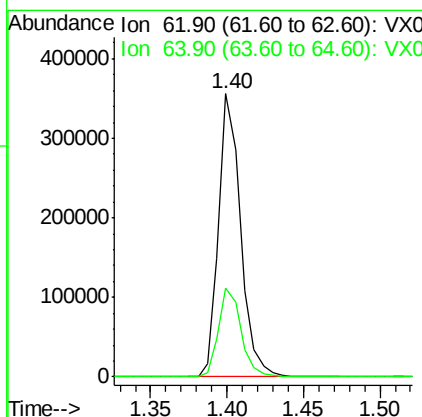
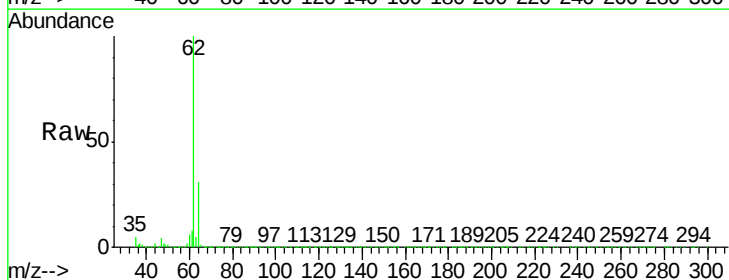
Manual Integrations
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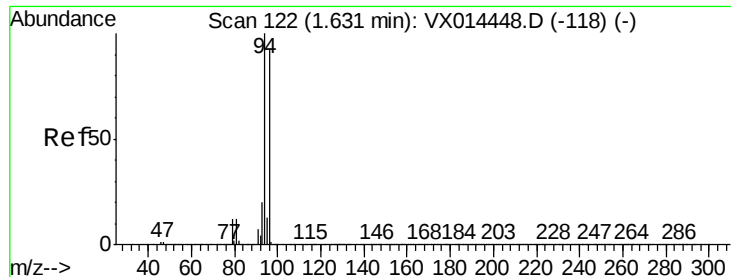
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#4
Vinyl Chloride
Concen: 54.979 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.2	24.6	37.0





#5

Bromomethane

Concen: 48.824 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 210580

Ion Ratio Lower Upper

94 100

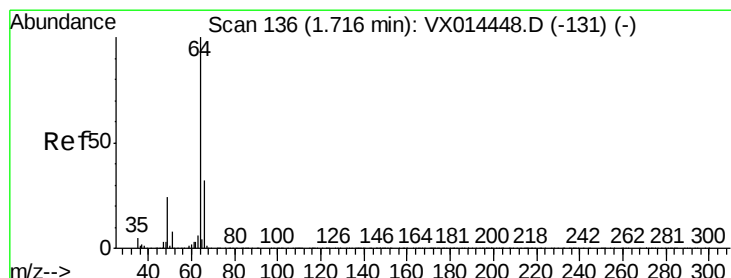
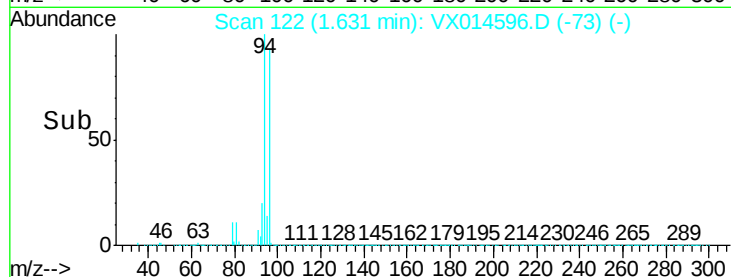
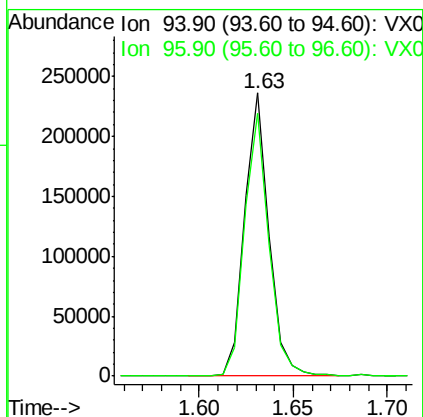
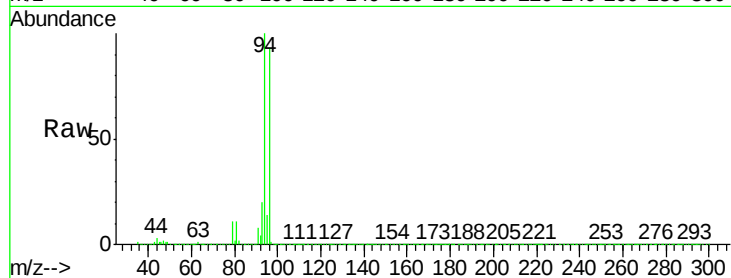
96 92.8 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 56.157 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014596.D

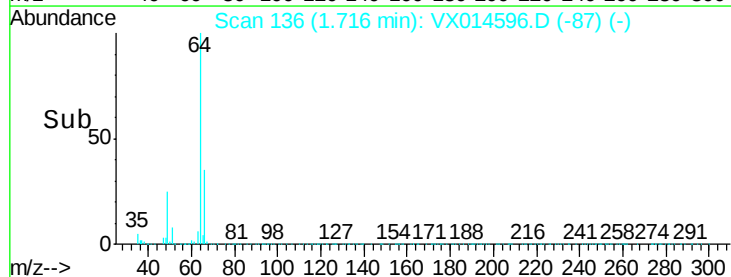
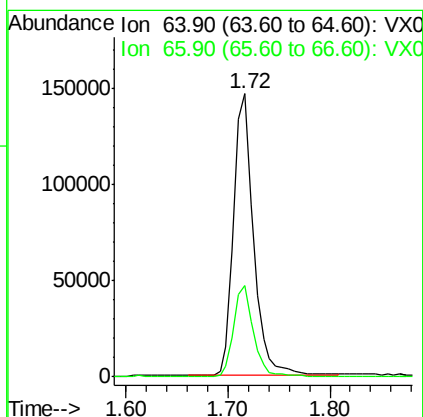
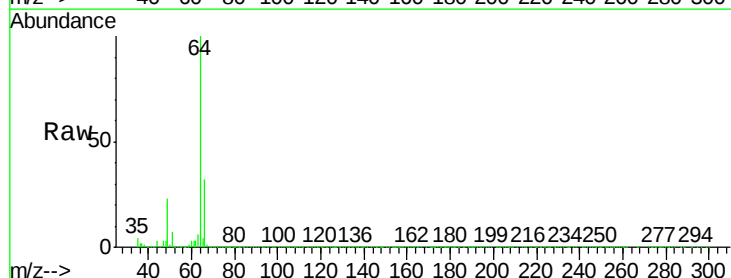
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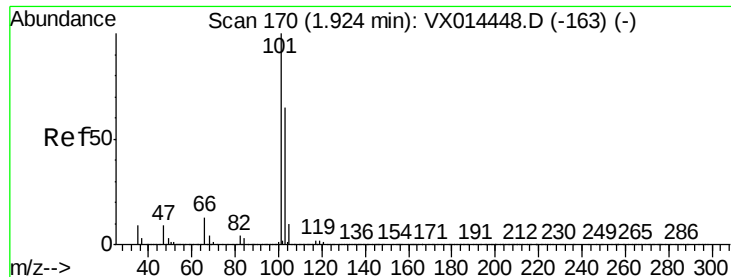
Tgt Ion: 64 Resp: 198546

Ion Ratio Lower Upper

64 100

66 32.3 25.3 37.9





#7

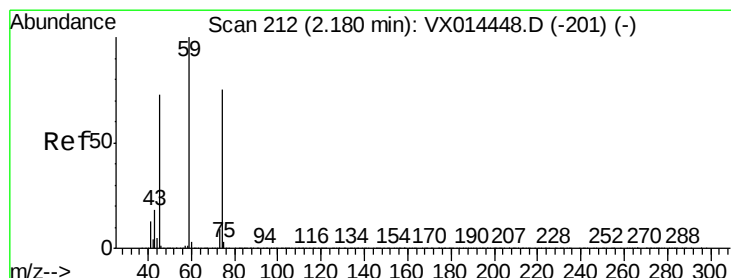
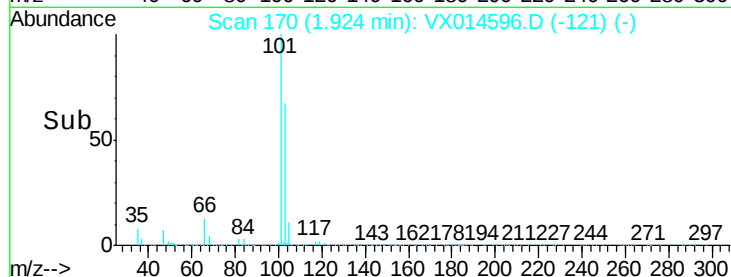
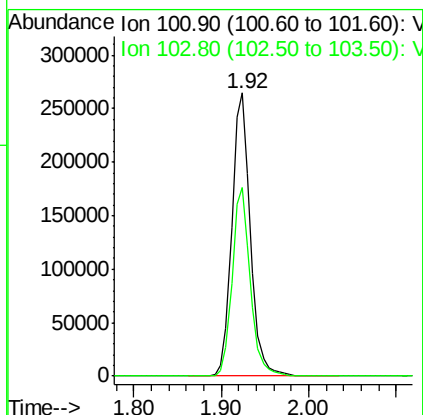
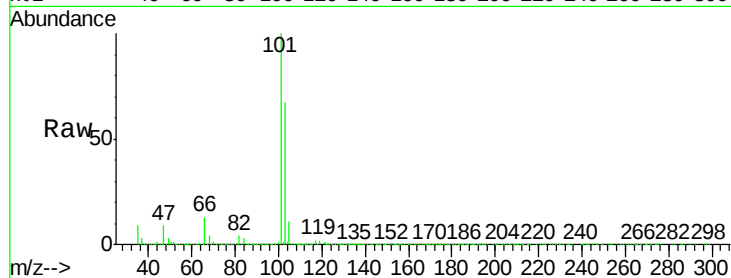
Trichlorofluoromethane
Concen: 52.745 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	52.2	78.4

Manual Integrations
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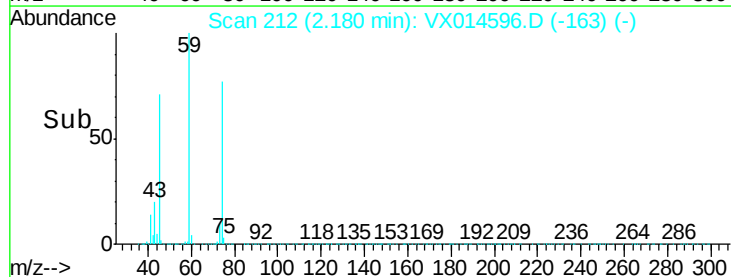
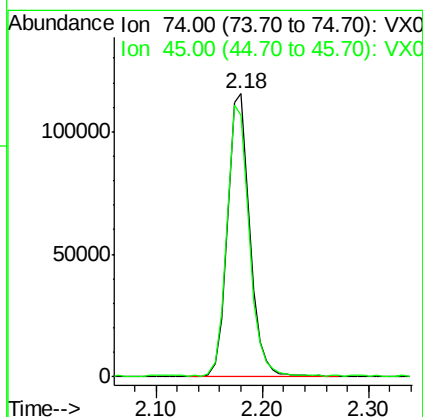
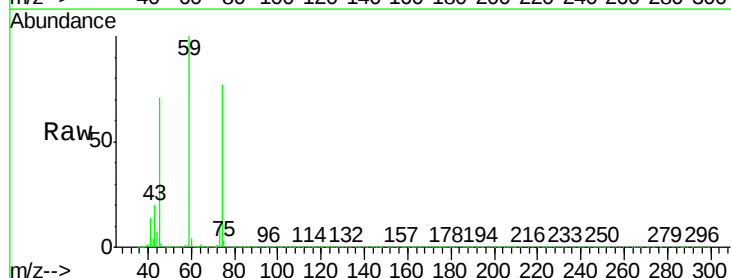
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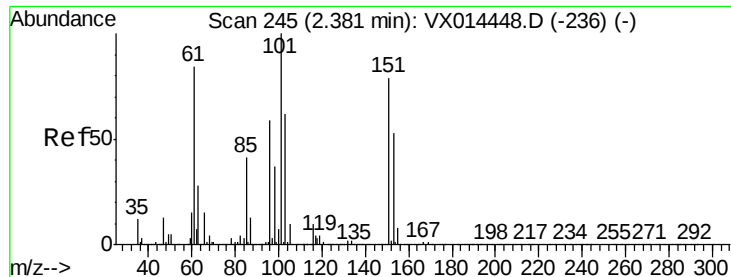


#8

Diethyl Ether
Concen: 50.156 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.1	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.022 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

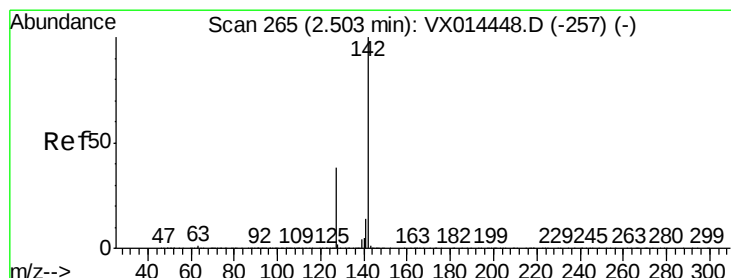
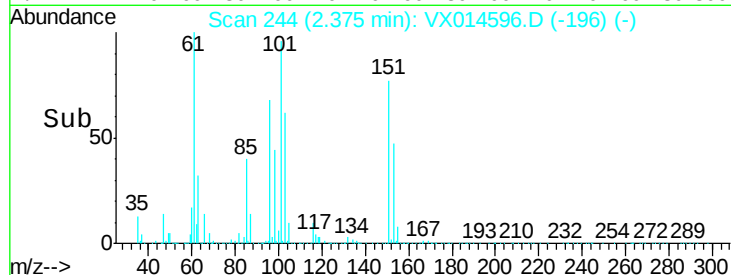
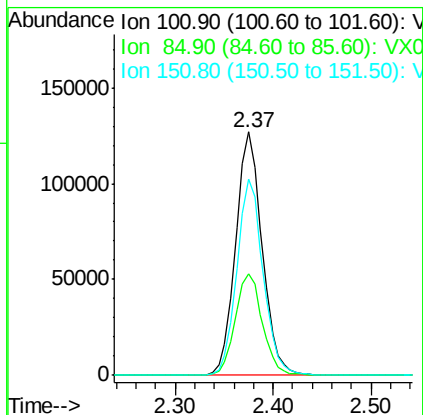
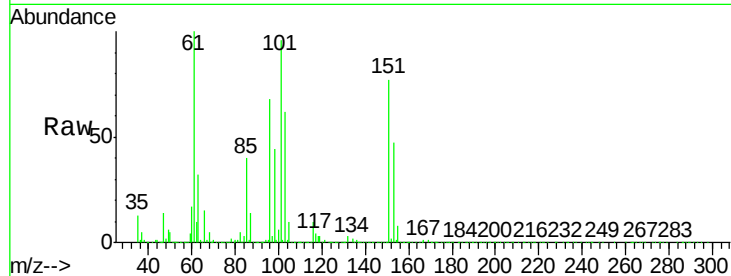
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	238094
Ion Ratio	Lower	Upper	
101	100		
85	42.6	33.8	50.8
151	80.6	65.3	97.9

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#10

Methyl Iodide

Concen: 58.245 ug/l

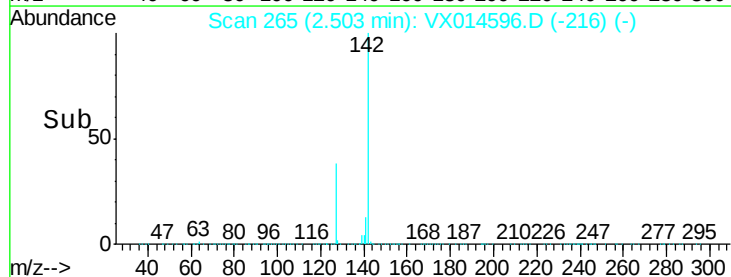
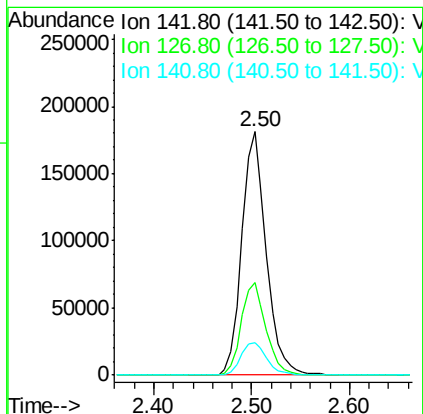
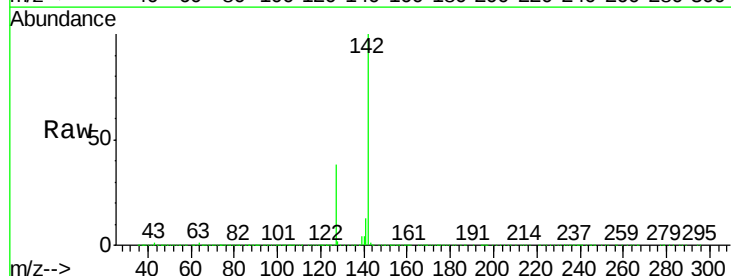
RT: 2.50 min Scan# 265

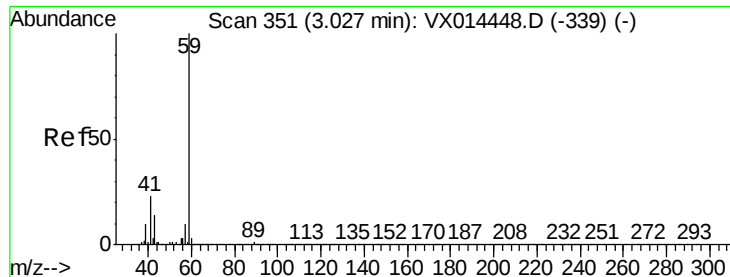
Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Tgt Ion:	142	Resp:	313182
Ion Ratio	Lower	Upper	
142	100		
127	38.6	31.2	46.8
141	14.3	11.4	17.2





#11

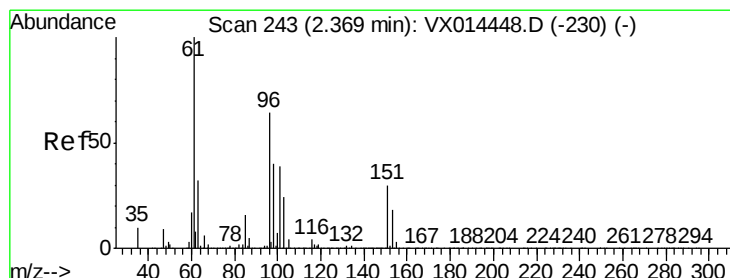
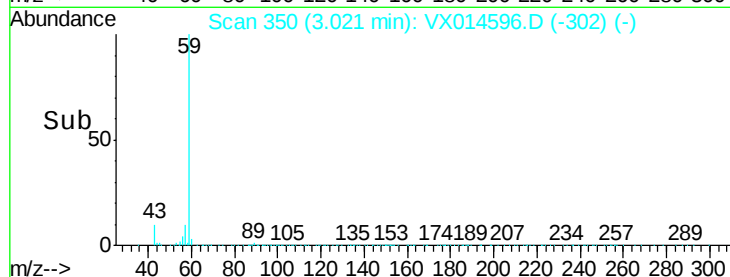
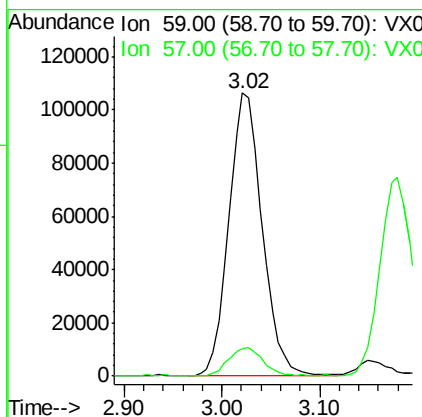
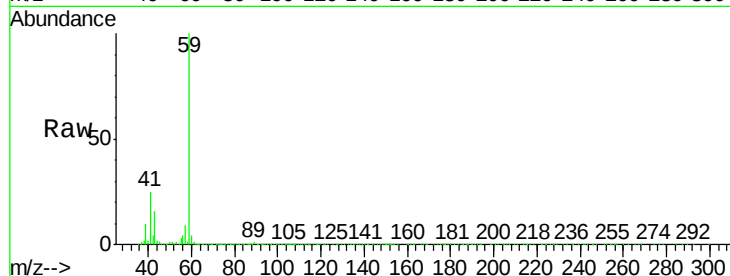
Tert butyl alcohol
Concen: 234.541 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.5	12.7

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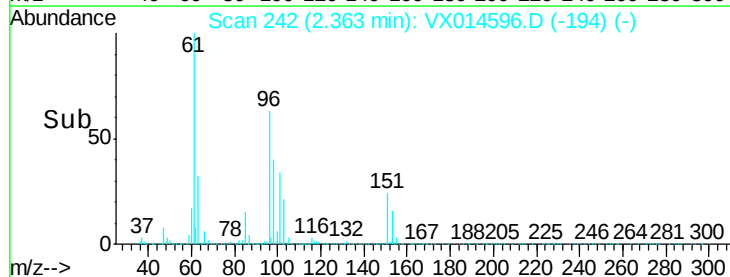
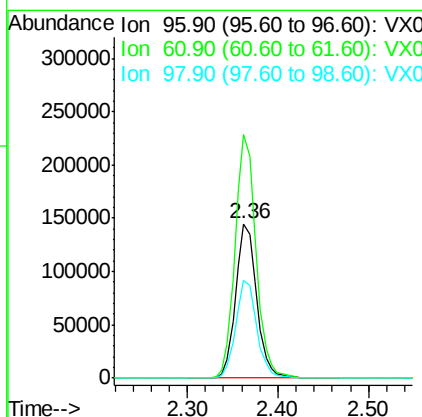
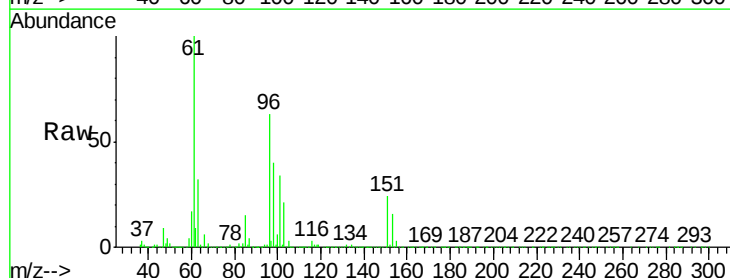
MMDadoda
1/15/2020 10:23:56 AM

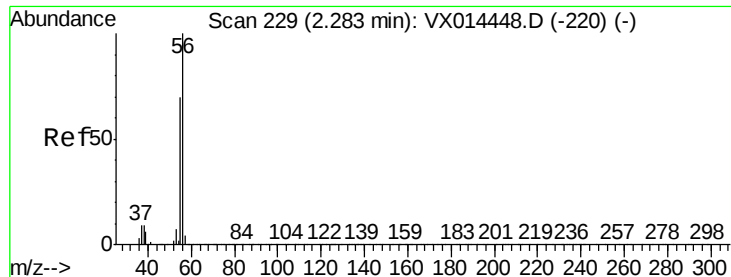


#12

1,1-Dichloroethene
Concen: 51.181 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.8	125.0	187.6
98	63.2	50.2	75.2





#13

Acrolein

Concen: 222.127 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 190101

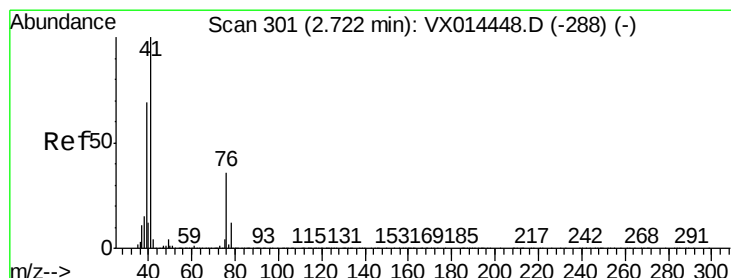
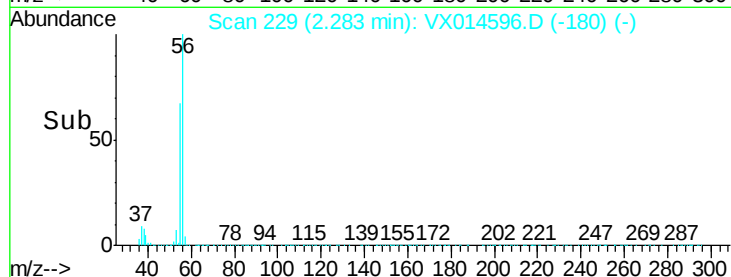
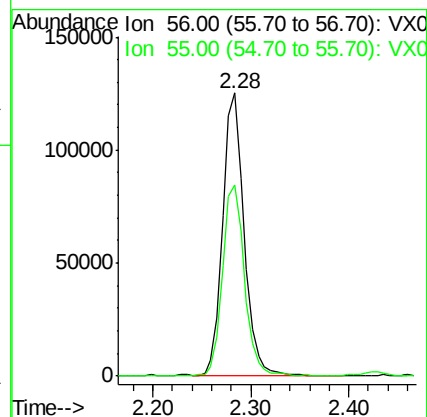
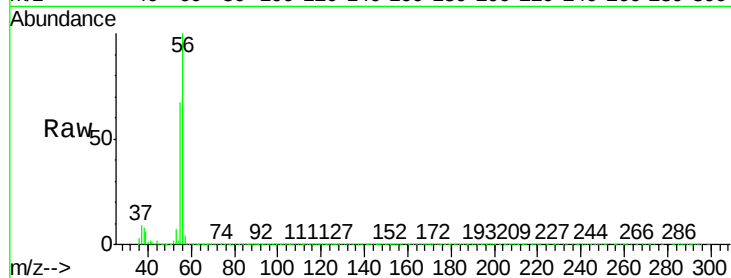
Ion Ratio Lower Upper

56 100

55 68.9 55.0 82.6

Manual Integrations
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1/15/2020 10:23:56 AM



#14

Allyl chloride

Concen: 52.573 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

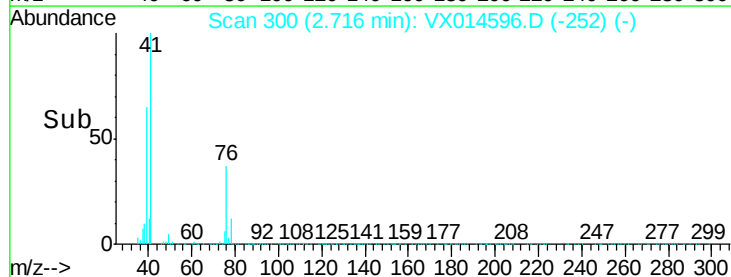
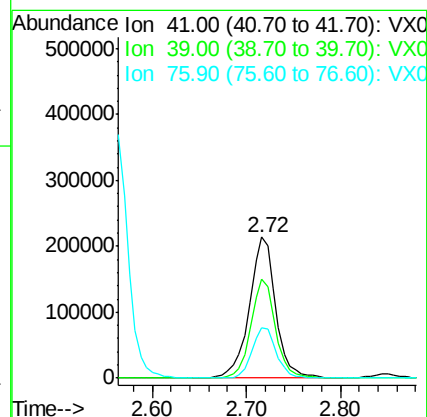
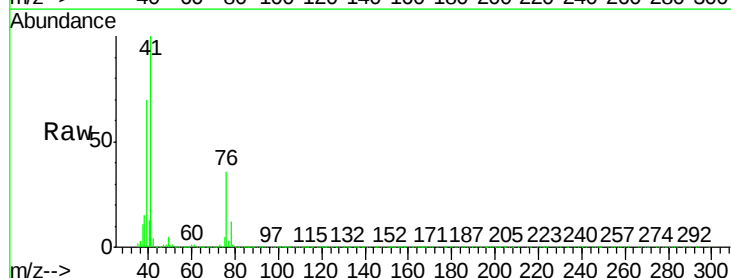
Tgt Ion: 41 Resp: 417596

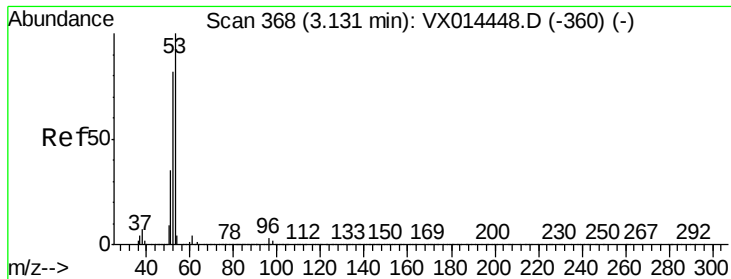
Ion Ratio Lower Upper

41 100

39 64.9 51.7 77.5

76 32.8 26.8 40.2





#15

Acrylonitrile

Concen: 258.350 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

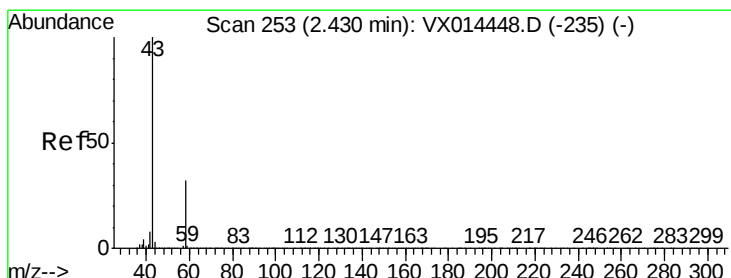
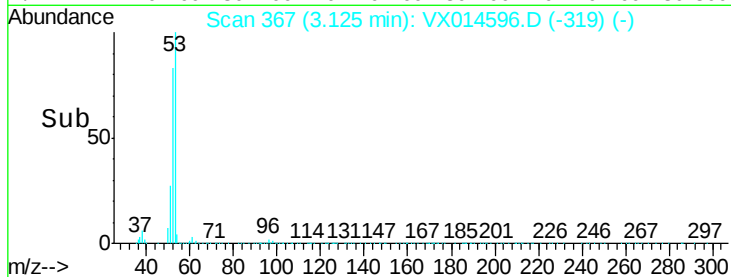
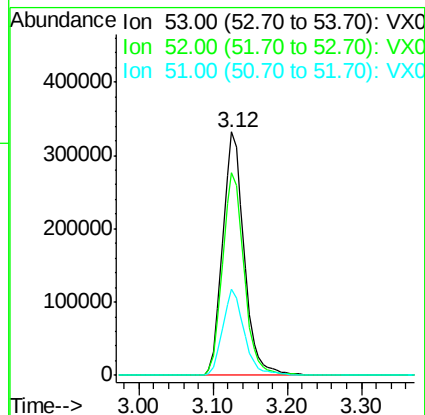
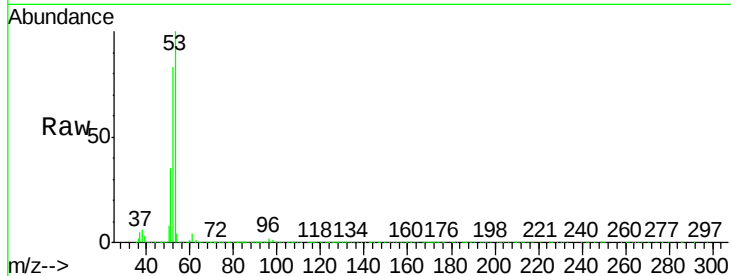
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	665774
Ion Ratio	Lower	Upper	
53	100		
52	82.8	67.0	100.4
51	35.5	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 291.827 ug/l

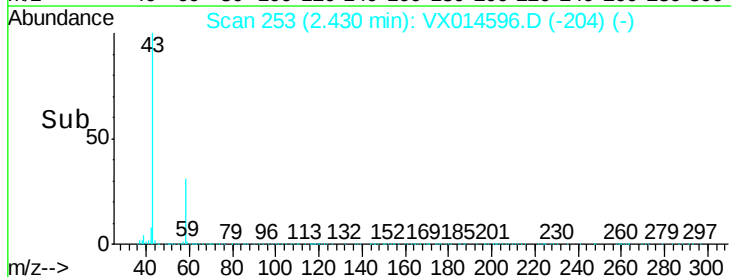
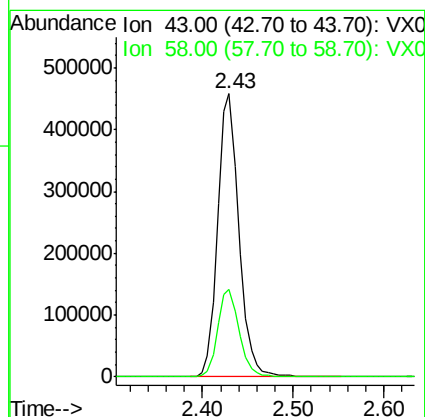
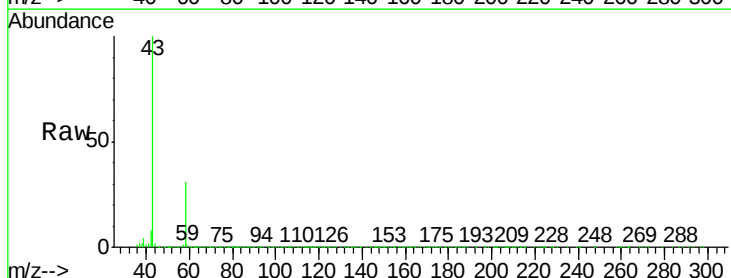
RT: 2.43 min Scan# 253

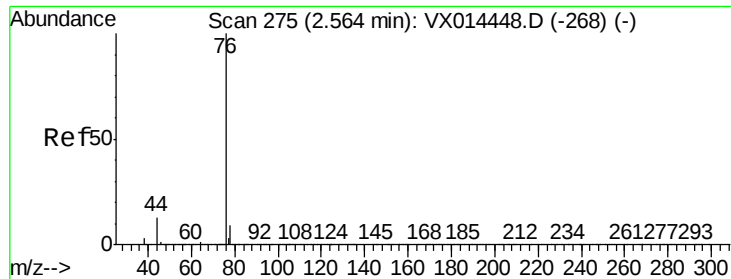
Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Tgt Ion:	43	Resp:	746460
Ion Ratio	Lower	Upper	
43	100		
58	30.8	25.4	38.0





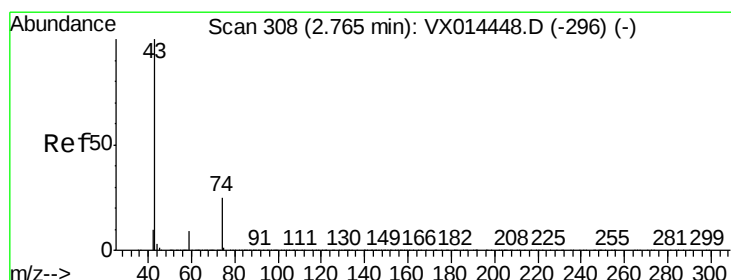
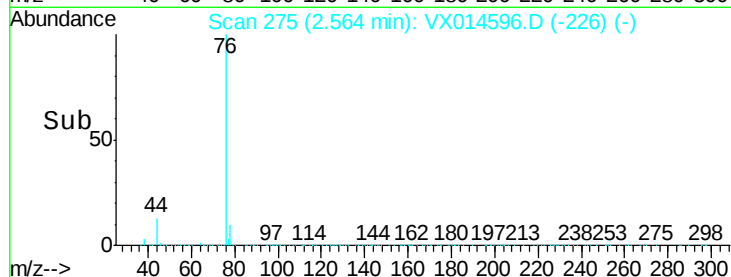
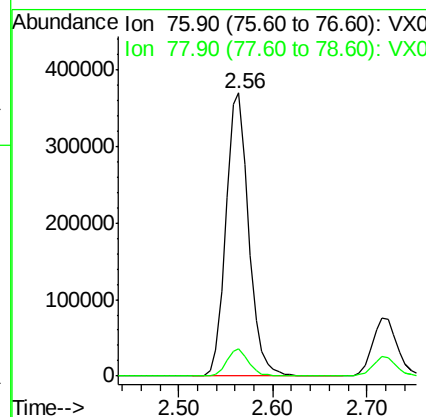
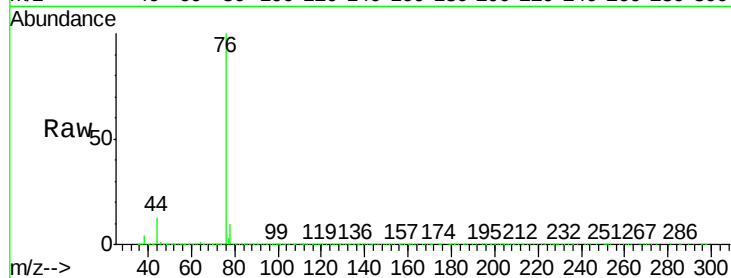
#17
Carbon Disulfide
Concen: 48.935 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.2

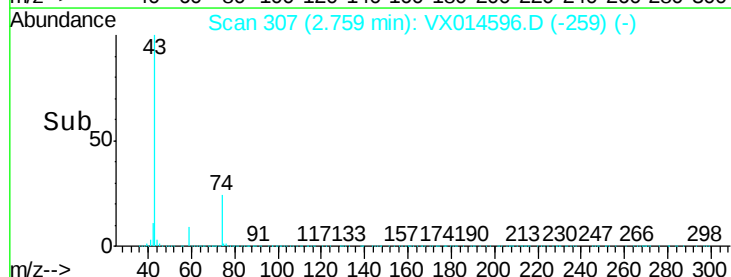
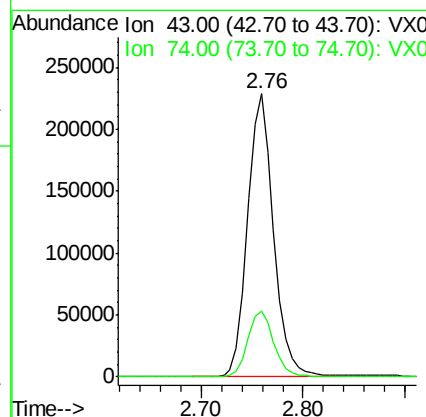
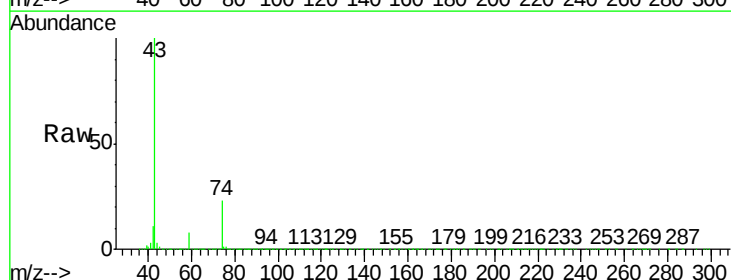
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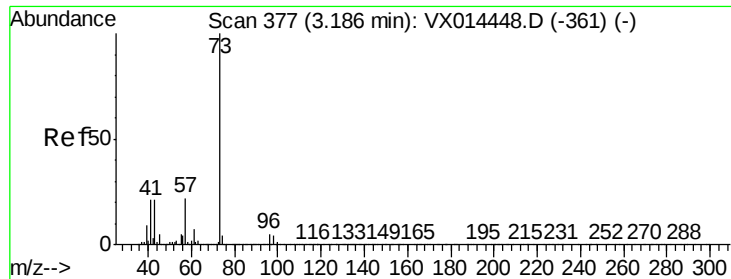
MMDadoda
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#18
Methyl Acetate
Concen: 54.862 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.4	29.2





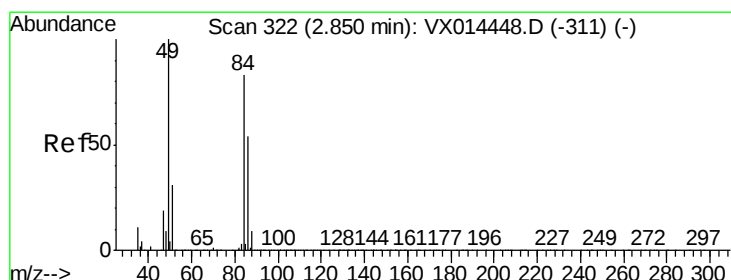
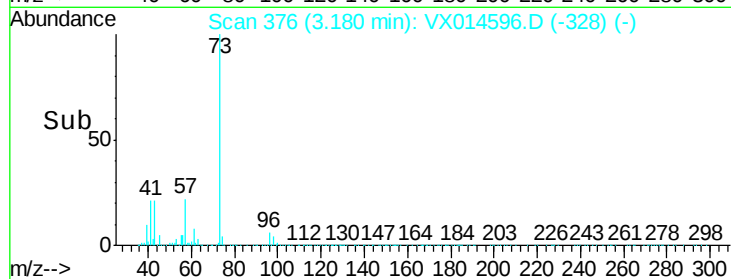
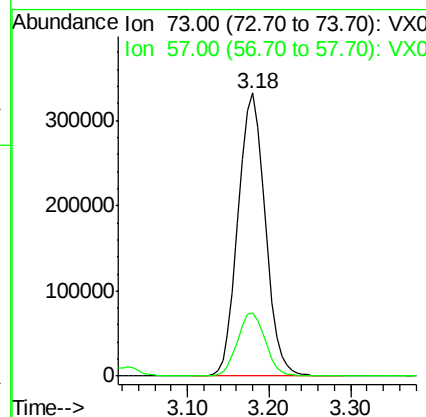
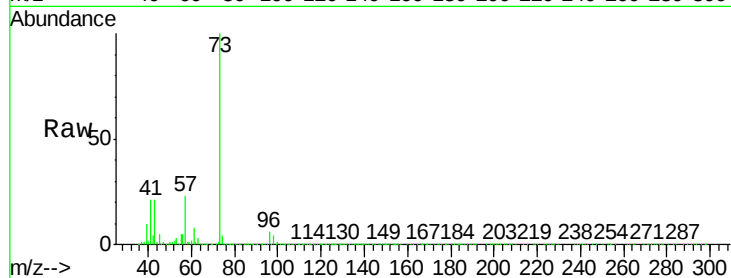
#19
Methyl tert-butyl Ether
Concen: 52.813 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.8	26.8

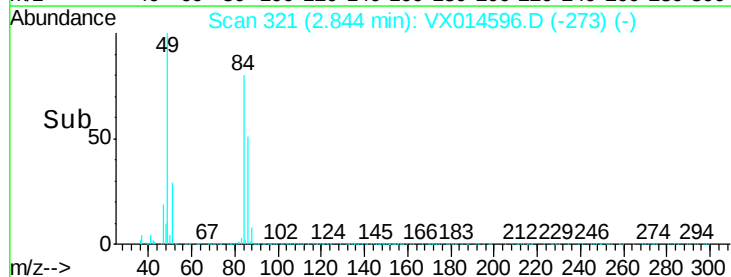
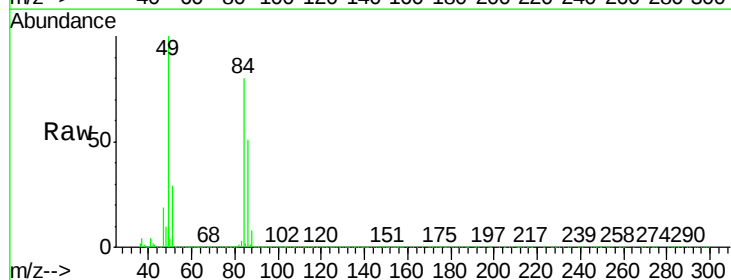
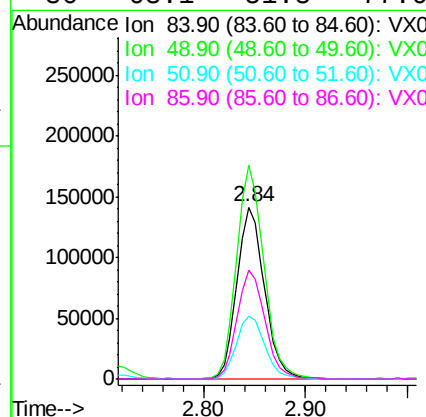
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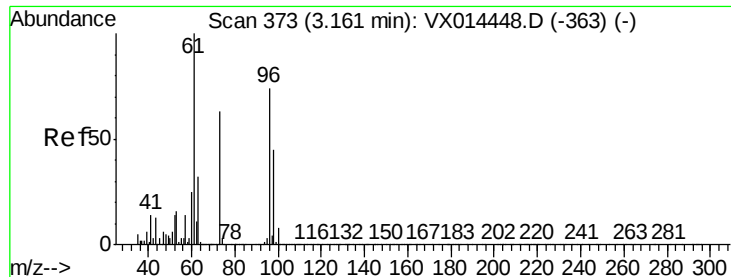
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#20
Methylene Chloride
Concen: 51.059 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.5	95.8	143.8
51	36.3	30.2	45.4
86	63.1	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 50.581 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

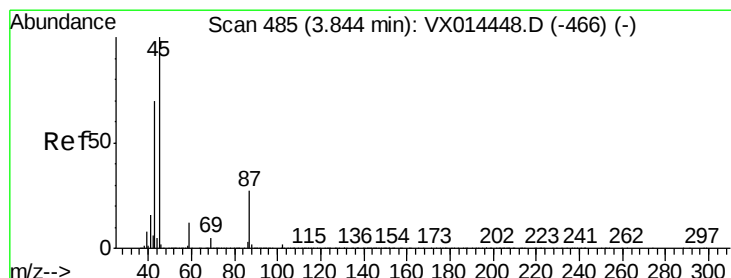
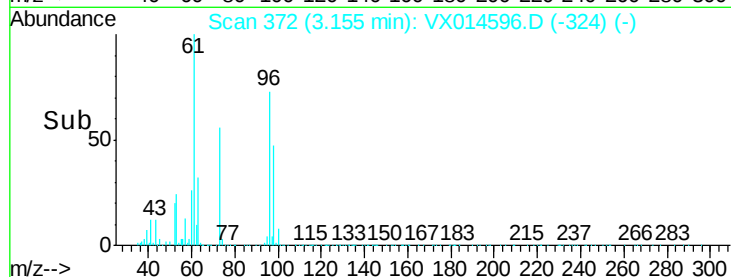
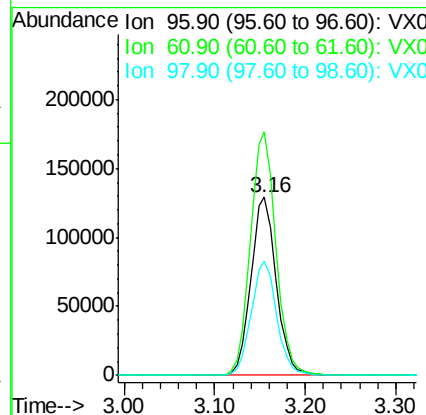
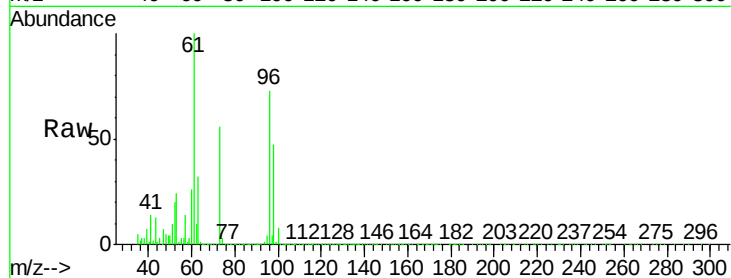
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	249830
Ion Ratio	Lower	Upper	
96	100		
61	136.8	108.2	162.4
98	64.5	48.8	73.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 55.040 ug/l

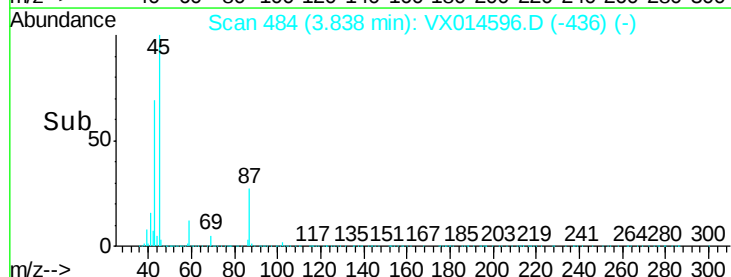
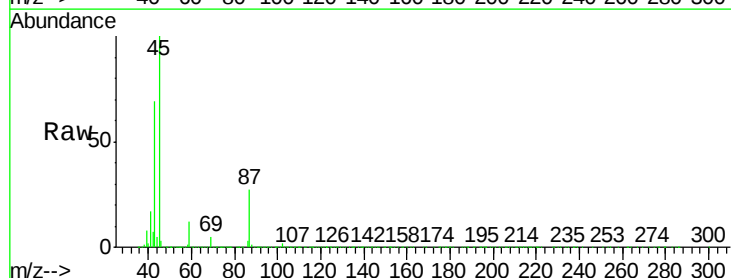
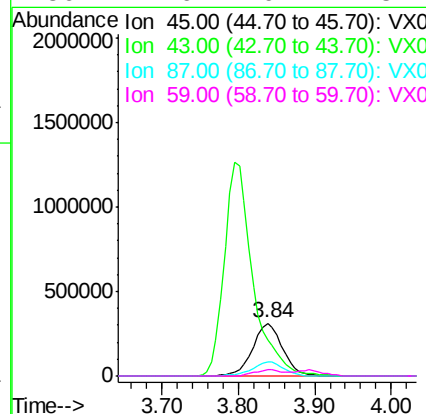
RT: 3.84 min Scan# 484

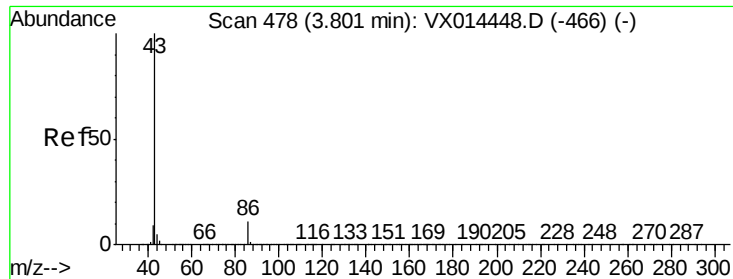
Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Tgt Ion:	45	Resp:	844886
Ion Ratio	Lower	Upper	
45	100		
43	69.1	55.8	83.6
87	27.2	21.8	32.8
59	11.6	9.1	13.7





#23

Vinyl Acetate

Concen: 277.289 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3295428

Ion Ratio Lower Upper

43 100

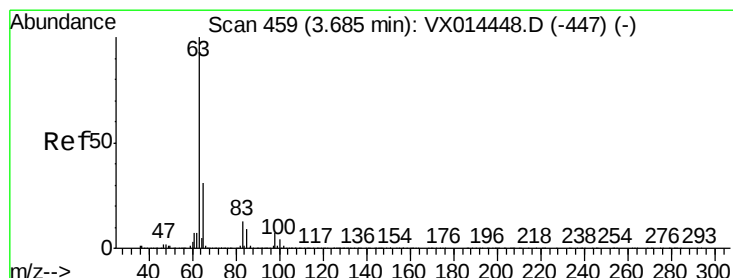
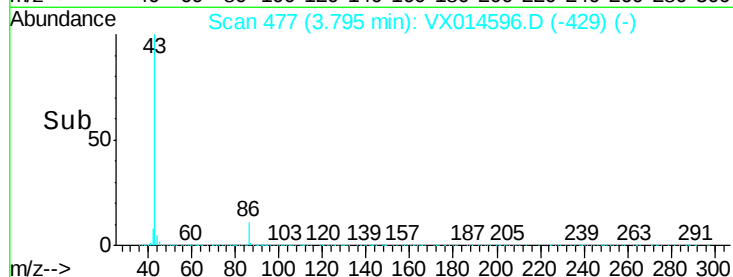
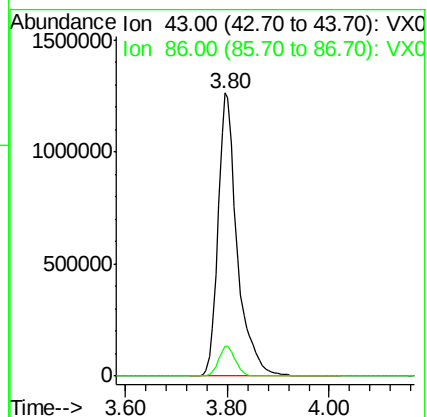
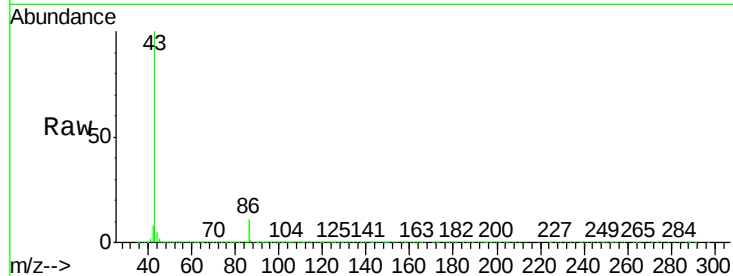
86 10.7 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 54.067 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

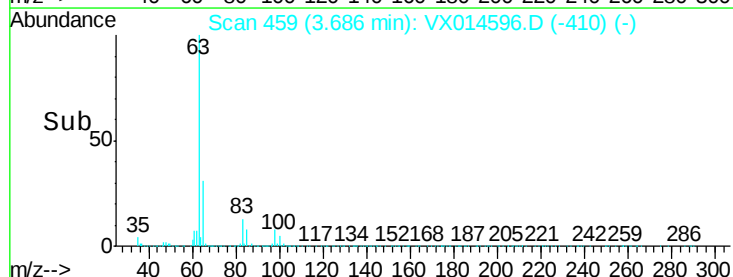
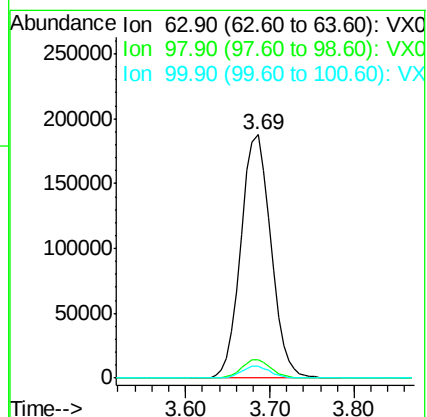
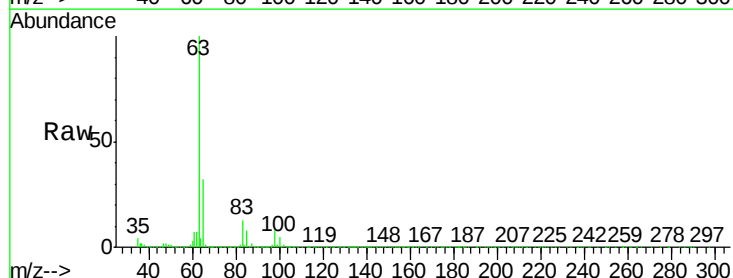
Tgt Ion: 63 Resp: 451486

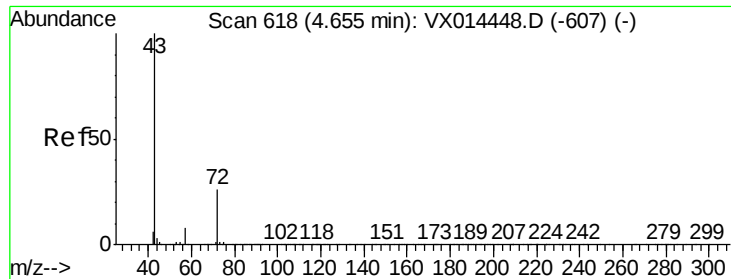
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 268.775 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1026676

Ion Ratio Lower Upper

43 100

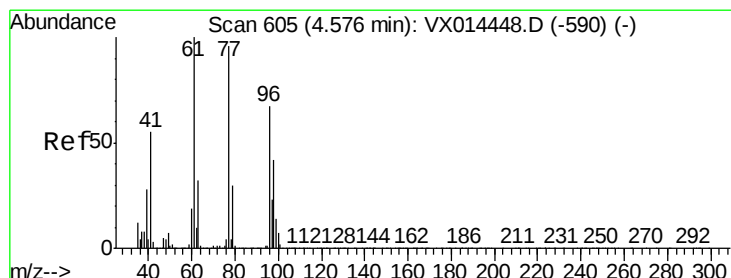
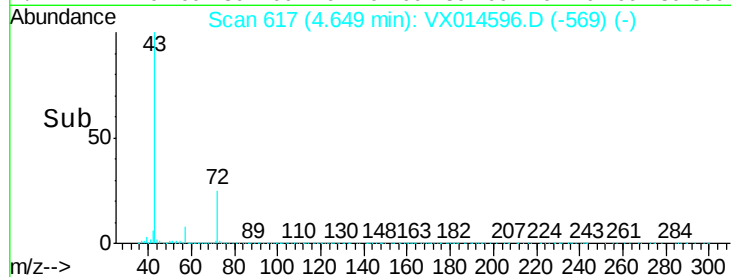
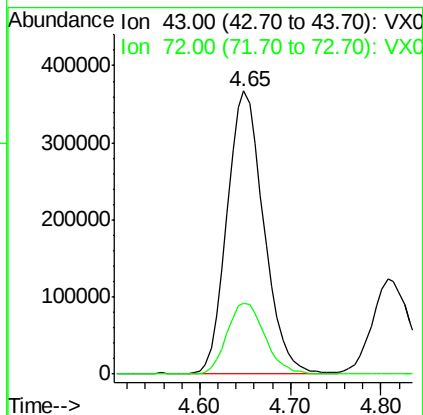
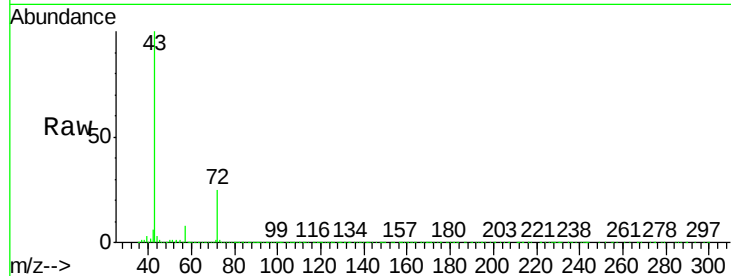
72 25.1 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.687 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014596.D

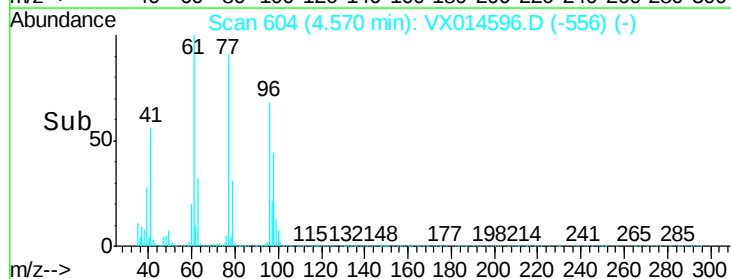
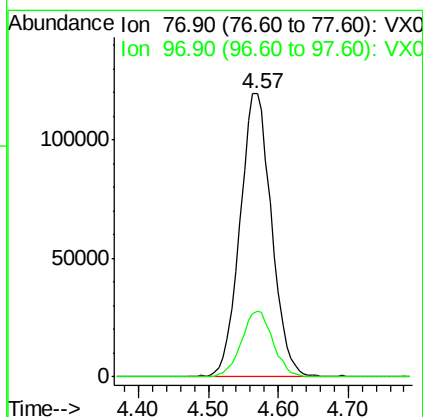
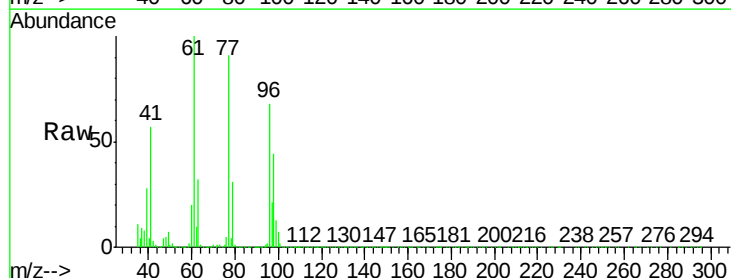
Acq: 14 Jan 2020 09:38

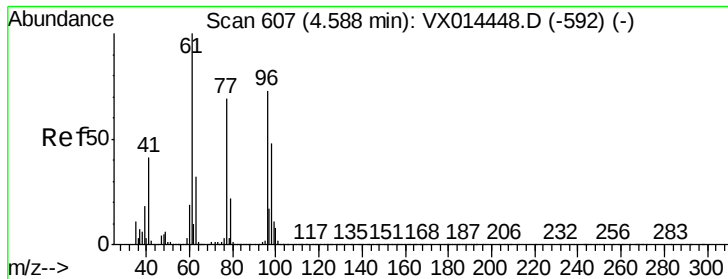
Tgt Ion: 77 Resp: 372701

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1





#27

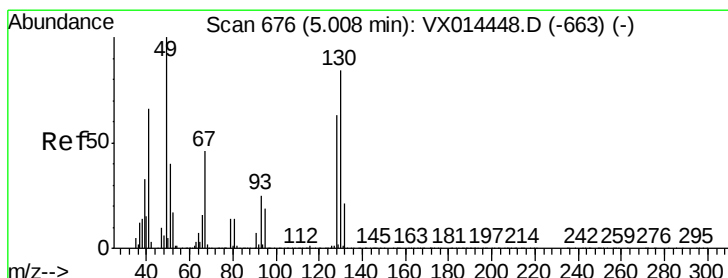
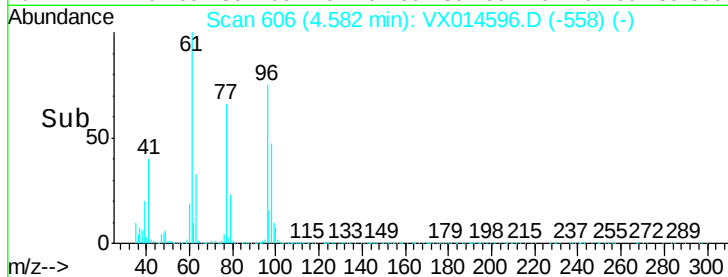
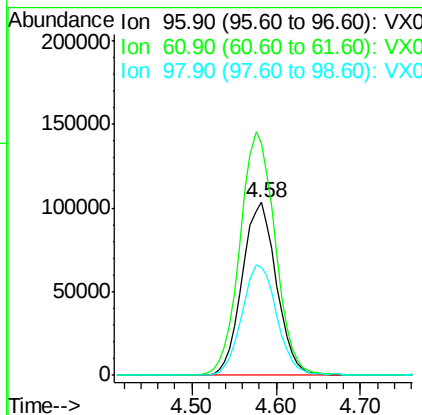
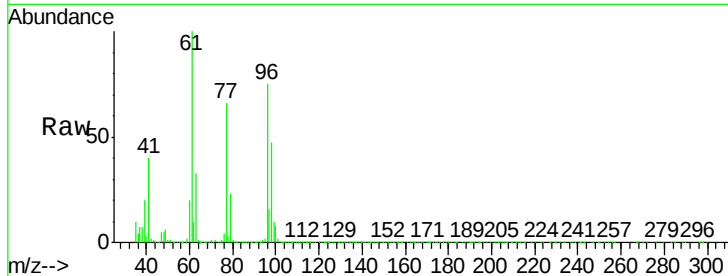
cis-1,2-Dichloroethene
Concen: 51.386 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.7	0.0	285.4
98	65.4	0.0	130.6

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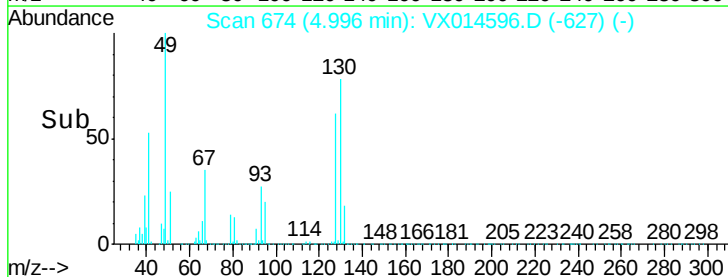
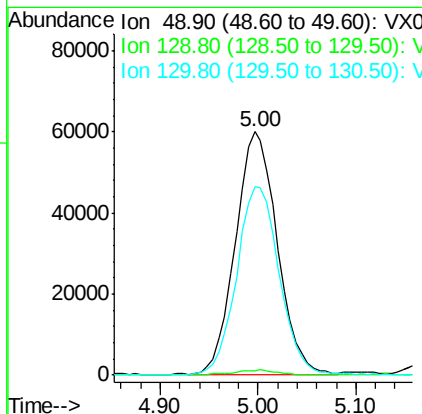
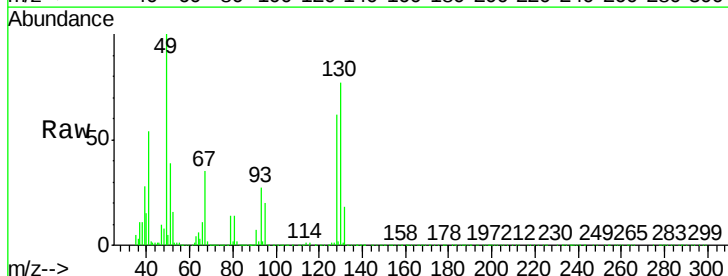
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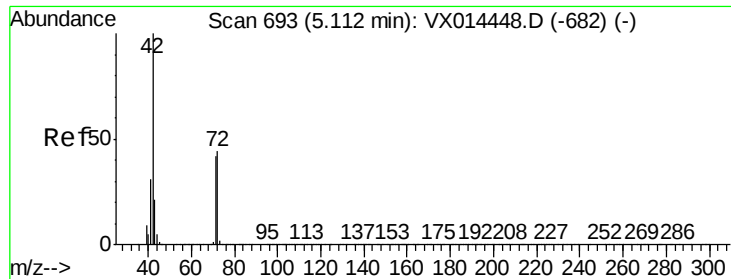


#28

Bromochloromethane
Concen: 50.494 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	79.6	67.0	100.4





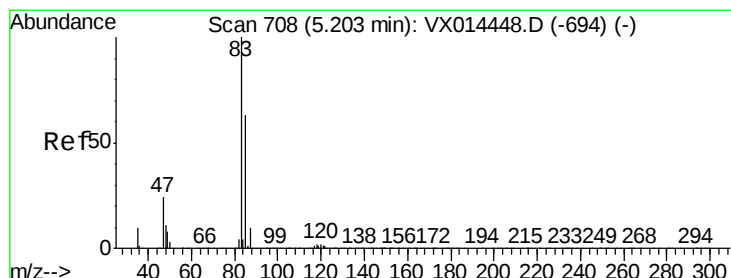
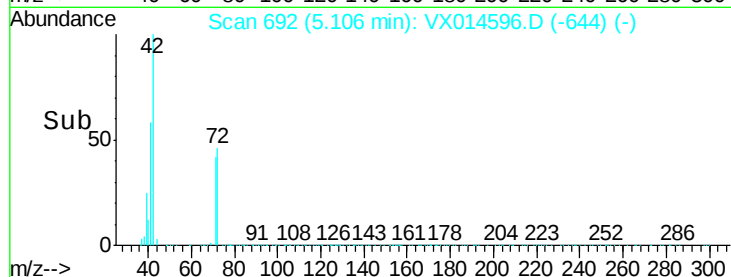
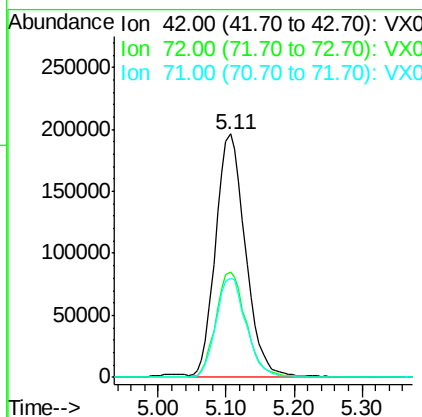
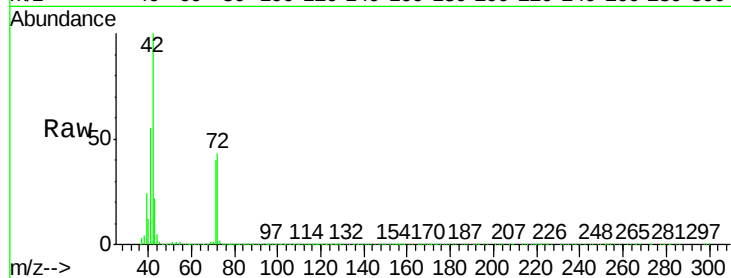
#29
Tetrahydrofuran
Concen: 262.944 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	36.2	54.4
71	41.5	34.1	51.1

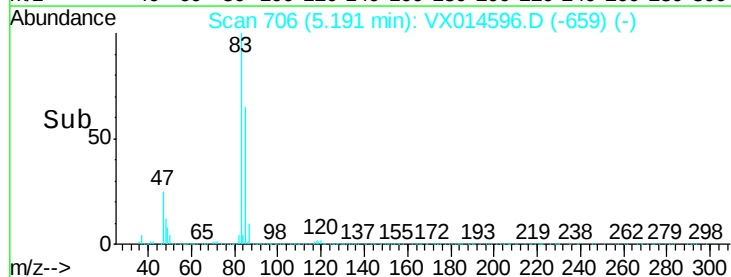
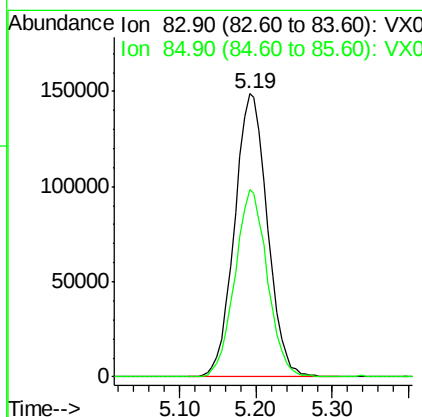
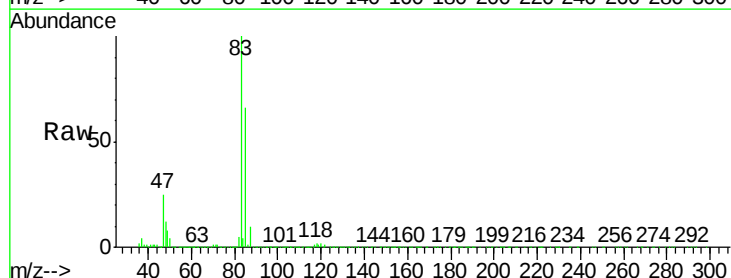
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#30
Chloroform
Concen: 54.188 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.6	75.8





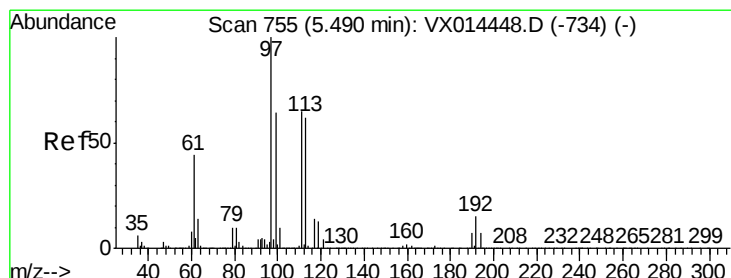
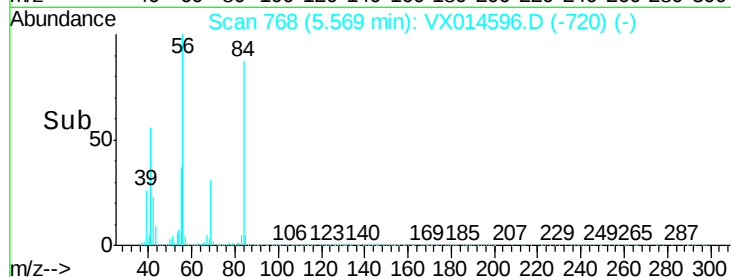
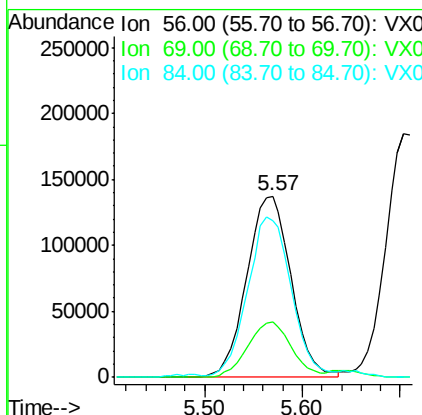
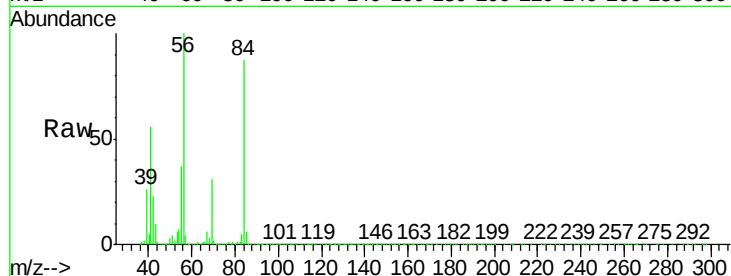
#31
Cyclohexane
Concen: 55.018 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.4	36.6
84	85.2	70.6	106.0

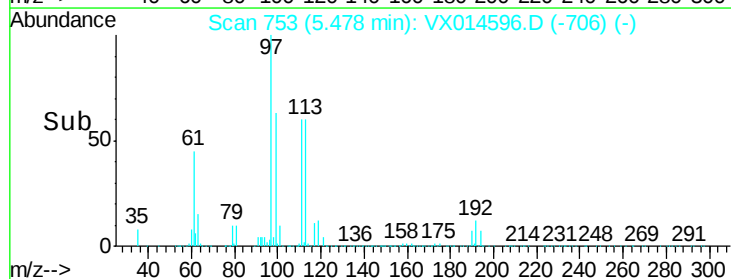
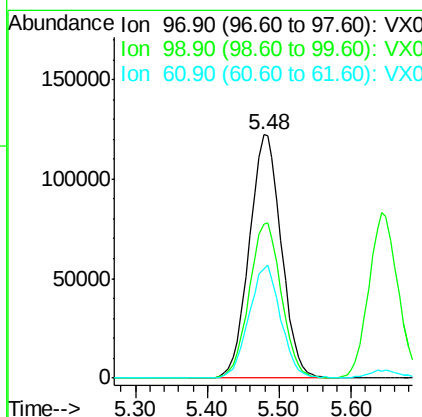
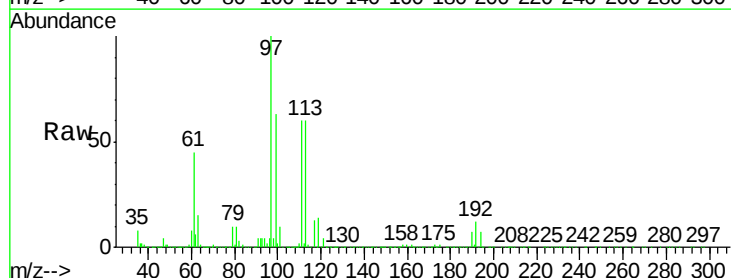
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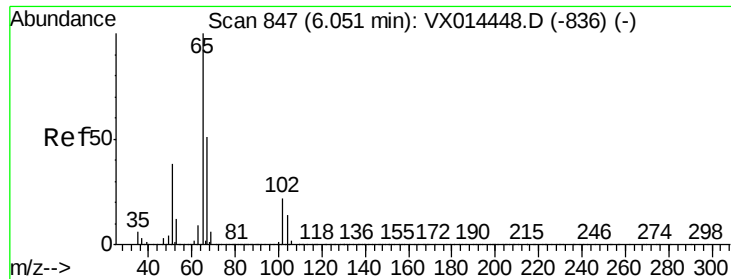
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#32
1,1,1-Trichloroethane
Concen: 54.055 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.8	77.6
61	45.8	35.9	53.9





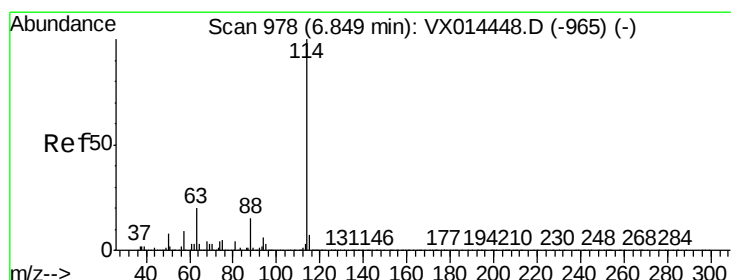
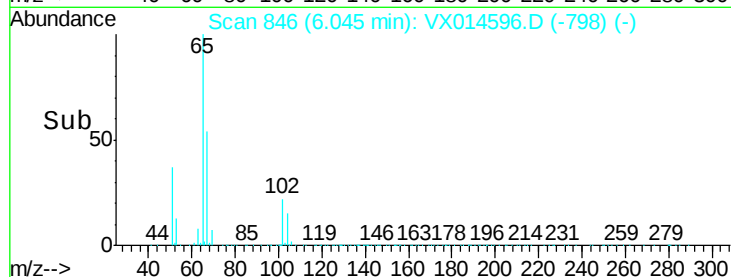
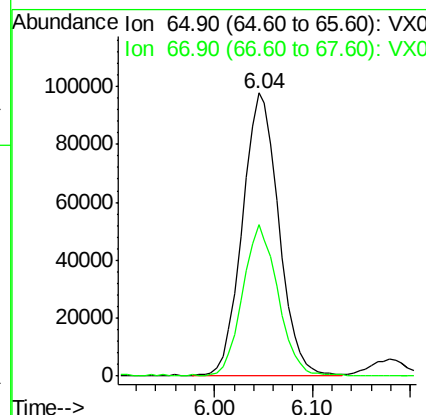
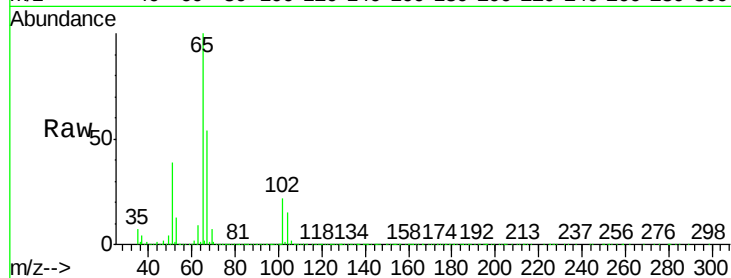
#33
 1,2-Dichloroethane-d4
 Concen: 49.231 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014596.D
 Acq: 14 Jan 2020 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	106.2

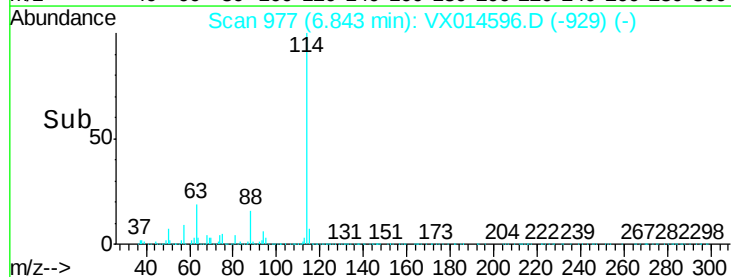
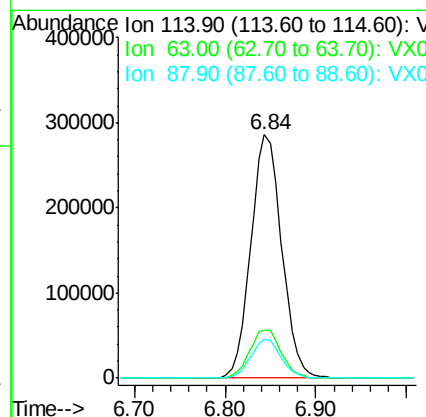
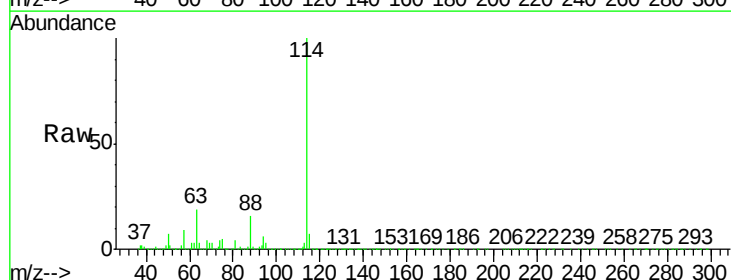
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014596.D
 Acq: 14 Jan 2020 09:38

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.6
88	16.1	0.0	30.8





#35

Dibromofluoromethane

Concen: 51.301 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

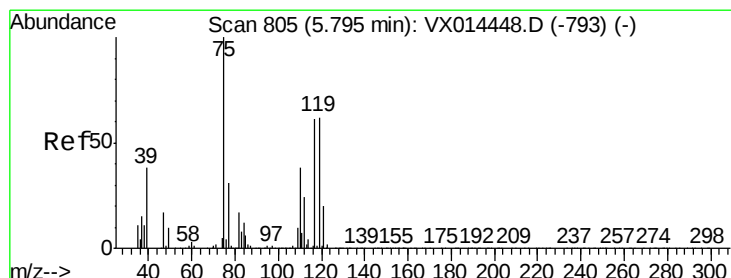
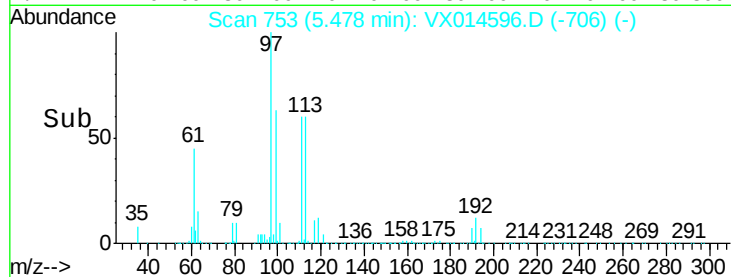
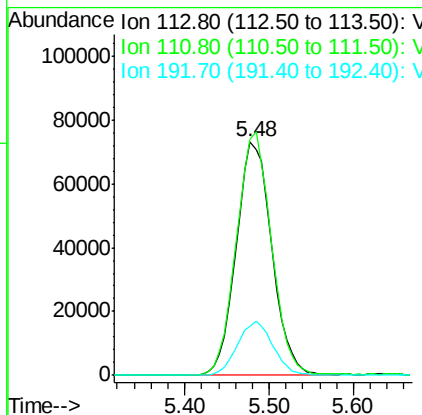
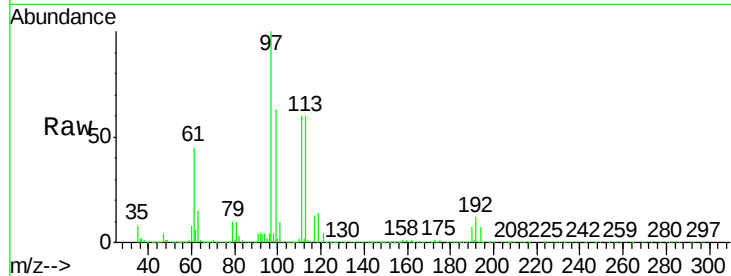
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	209387
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.5	122.3
192	23.1	19.2	28.8

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#36

1,1-Dichloropropene

Concen: 54.094 ug/l

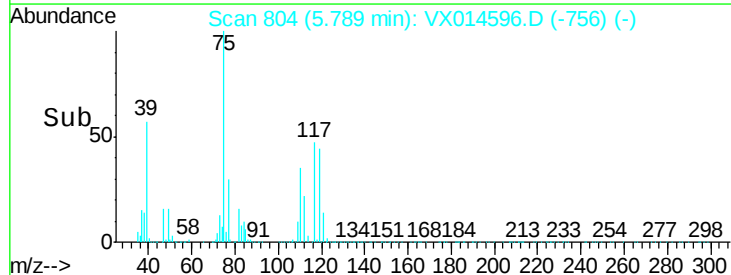
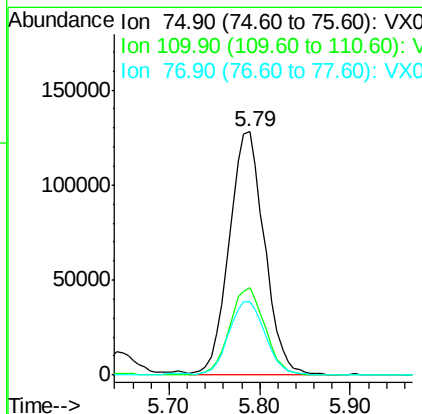
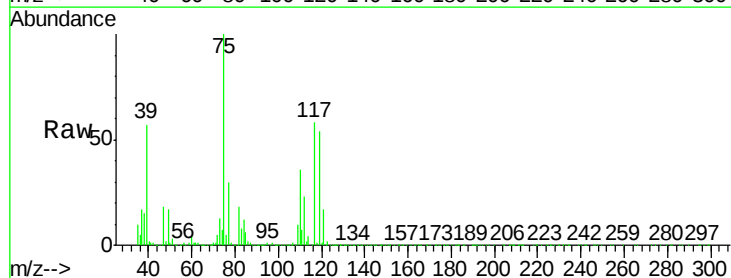
RT: 5.79 min Scan# 804

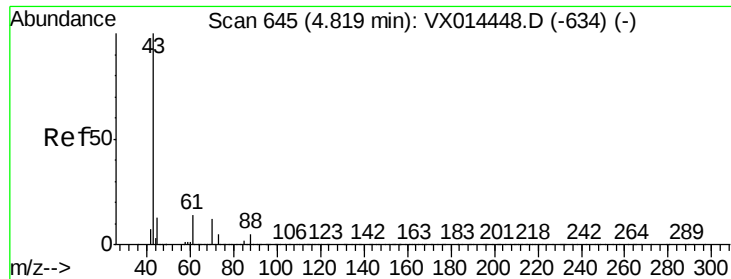
Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Tgt Ion:	75	Resp:	342992
Ion Ratio	Lower	Upper	
75	100		
110	36.1	18.6	55.8
77	31.7	24.5	36.7





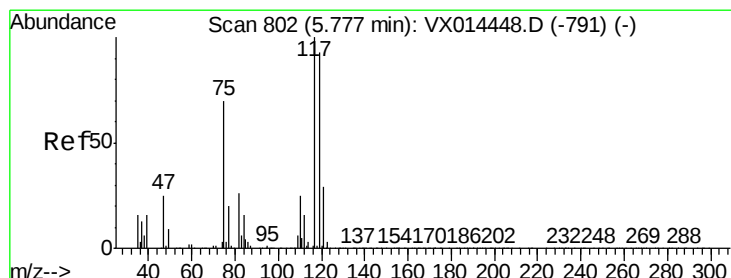
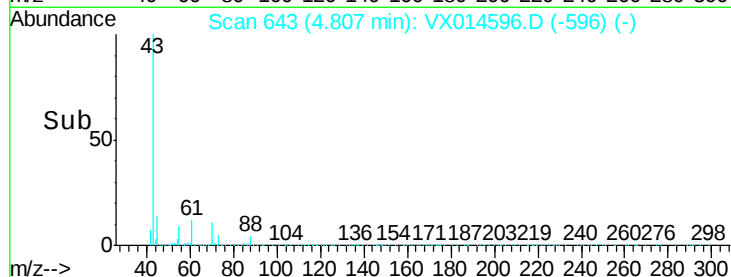
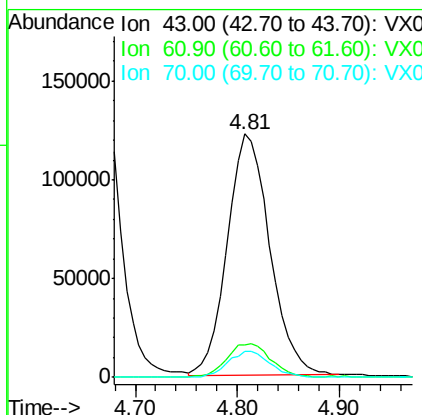
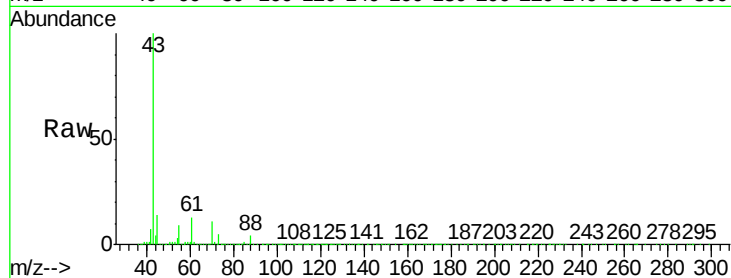
#37
Ethyl Acetate
Concen: 51.299 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	353315
Ion Ratio	Lower	Upper	
43	100		
61	14.1	11.1	16.7
70	10.5	8.9	13.3

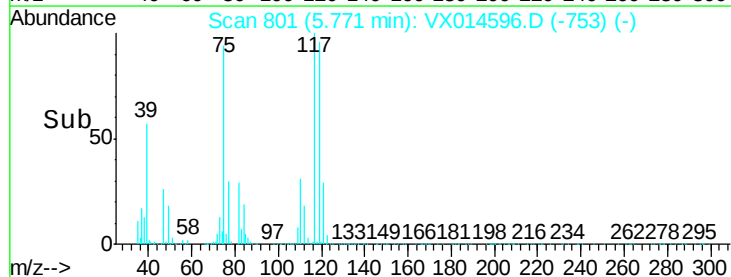
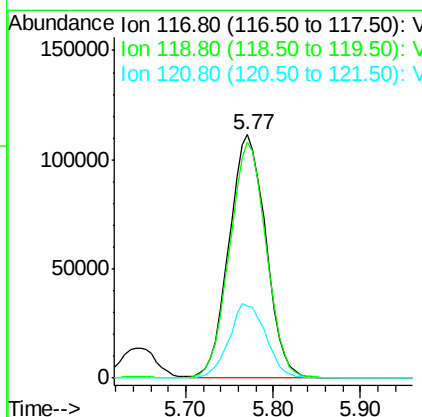
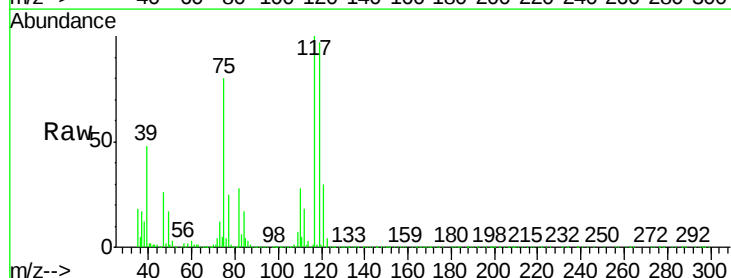
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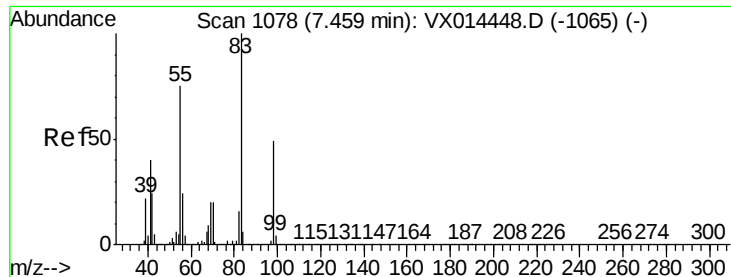
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#38
Carbon Tetrachloride
Concen: 55.655 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion	117	Resp	324744
Ion Ratio	Lower	Upper	
117	100		
119	96.7	73.8	110.8
121	29.6	23.4	35.0





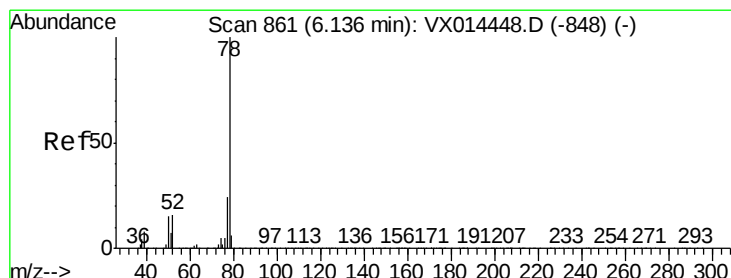
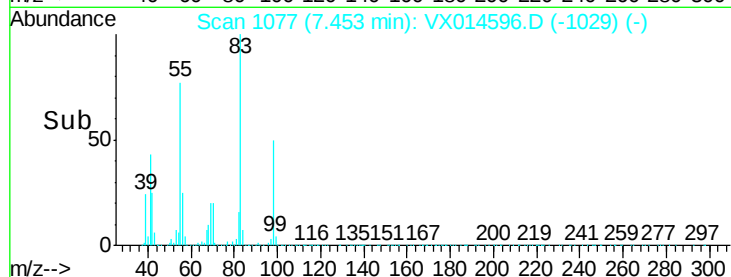
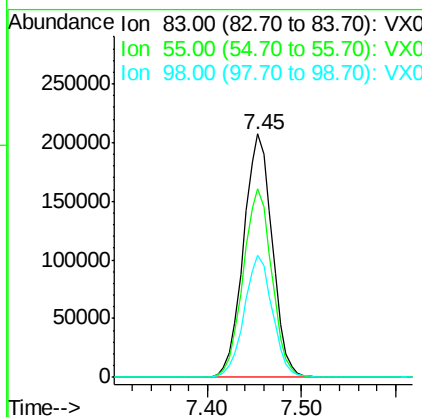
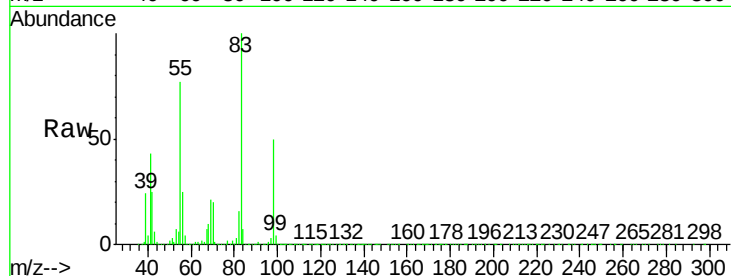
#39
Methvlcvclohexane
Concen: 55.138 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	59.7	89.5
98	49.8	39.1	58.7

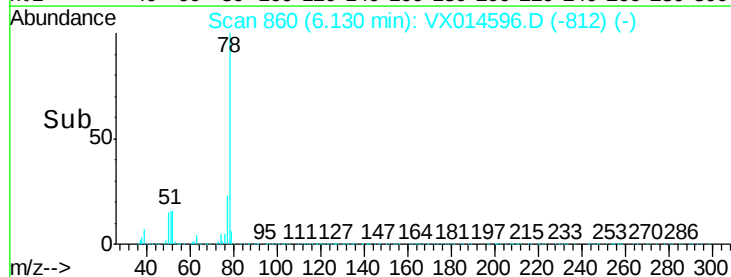
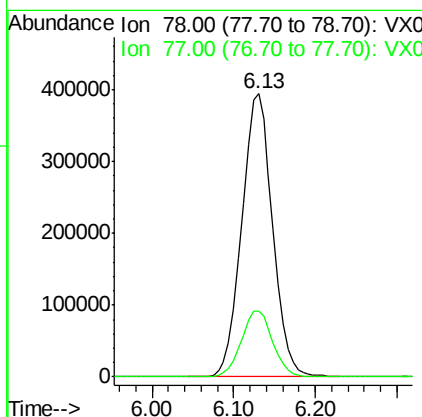
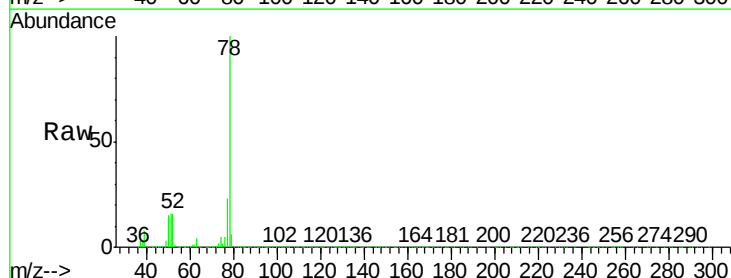
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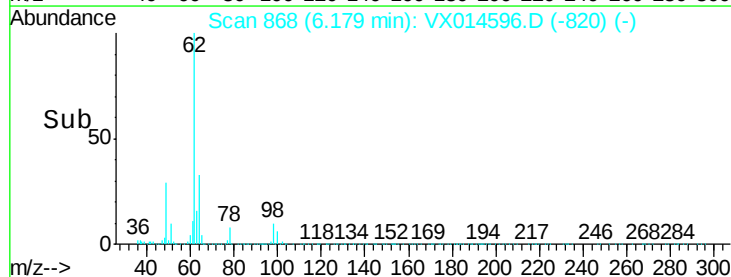
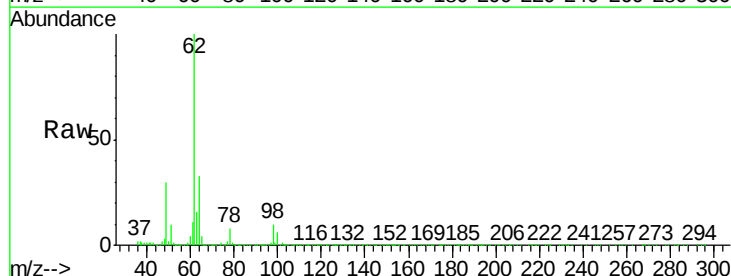
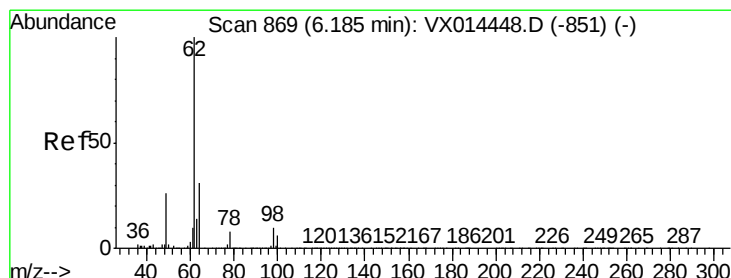
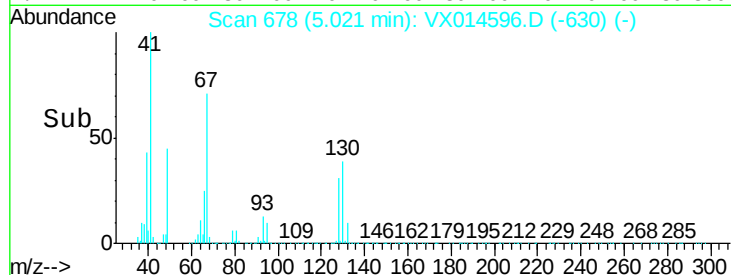
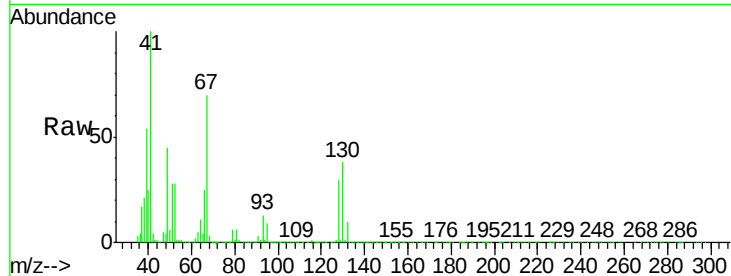
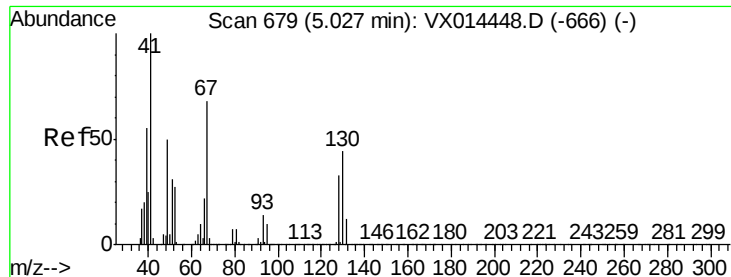
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#40
Benzene
Concen: 54.708 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.5	29.3





#41

Methacrylonitrile

Concen: 55.481 ug/l

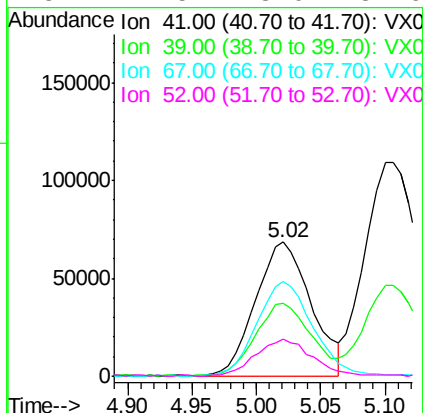
RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.0	43.6	65.4	
67	70.4	57.9	86.9	
52	27.5	23.0	34.6	



Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

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#42

1,2-Dichloroethane

Concen: 53.566 ug/l

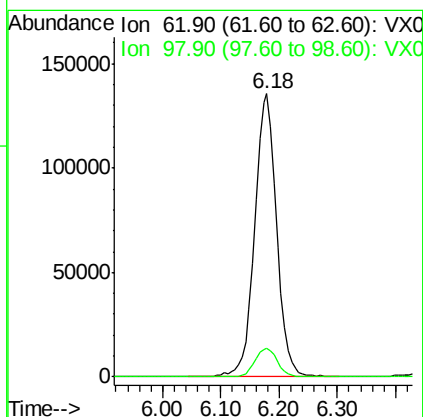
RT: 6.18 min Scan# 868

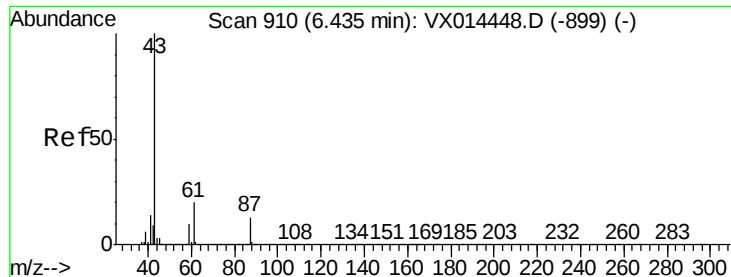
Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	20.4	





#43

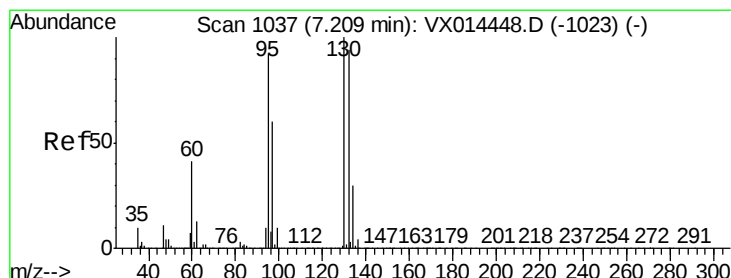
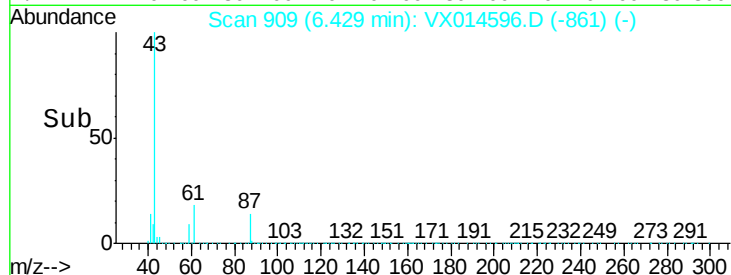
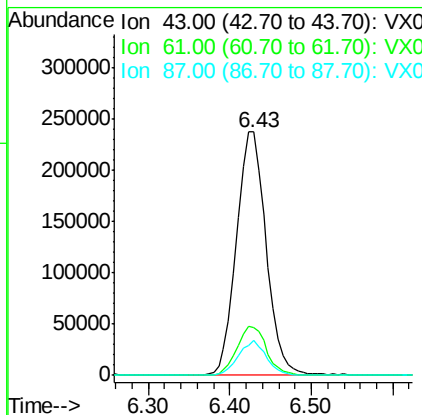
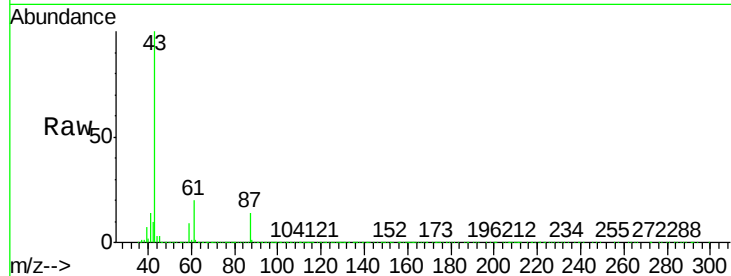
Isopropyl Acetate
 Concen: 53.443 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014596.D
 Acq: 14 Jan 2020 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.6	24.8
87	13.2	10.8	16.2

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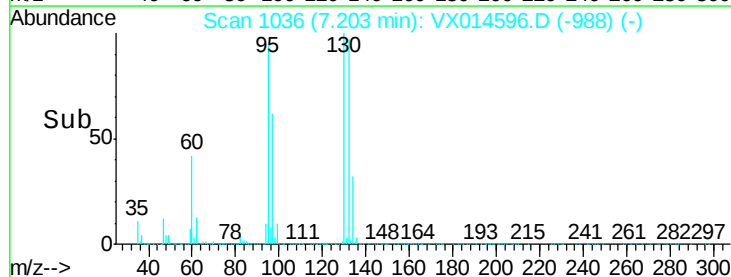
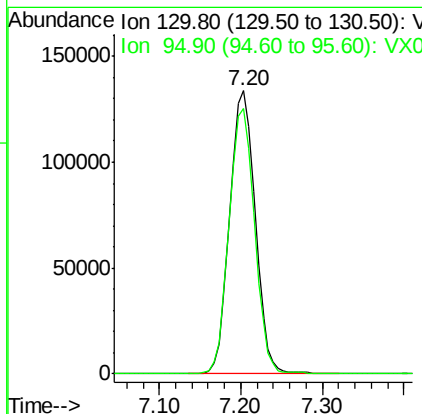
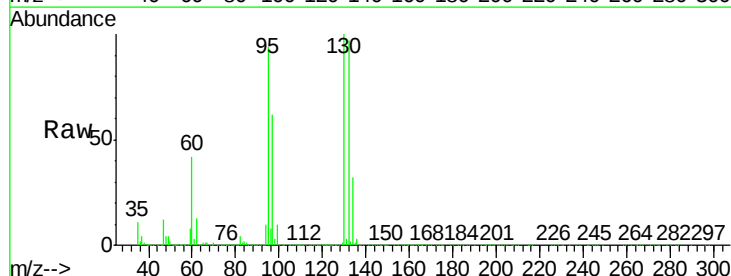
MMDadoda
 1/15/2020 10:23:56 AM

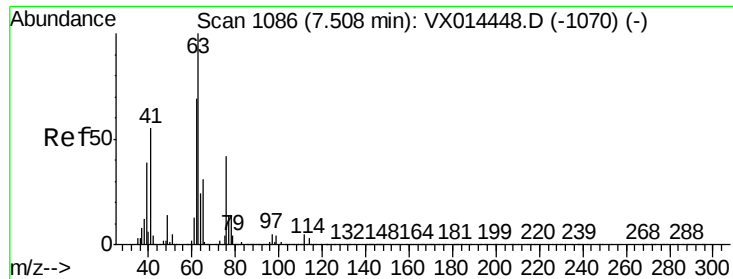


#44

Trichloroethene
 Concen: 53.292 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014596.D
 Acq: 14 Jan 2020 09:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	184.2





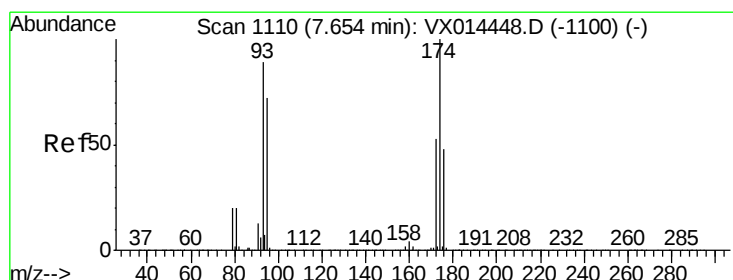
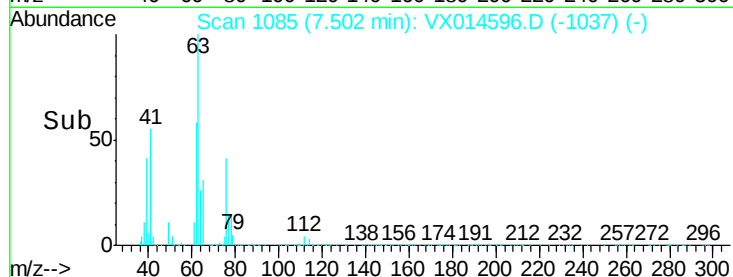
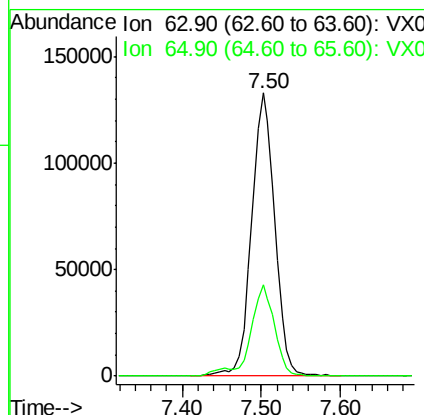
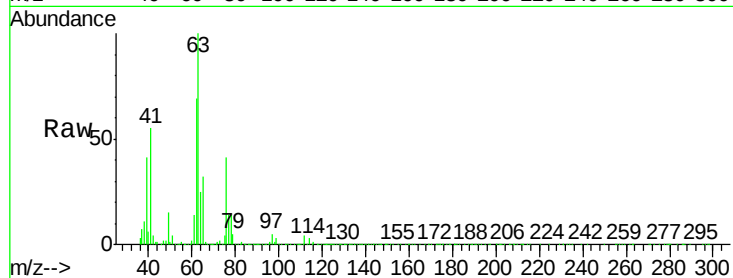
#45
 1,2-Dichloropropane
 Concen: 56.376 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014596.D
 Acq: 14 Jan 2020 09:38

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	24.8	37.2

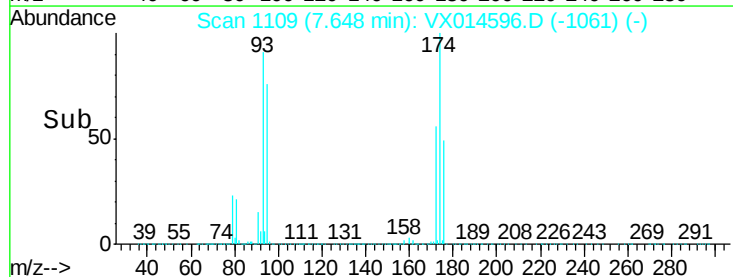
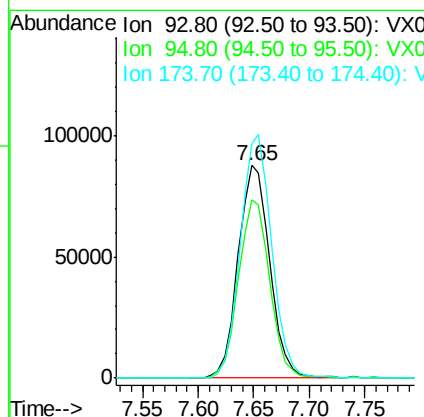
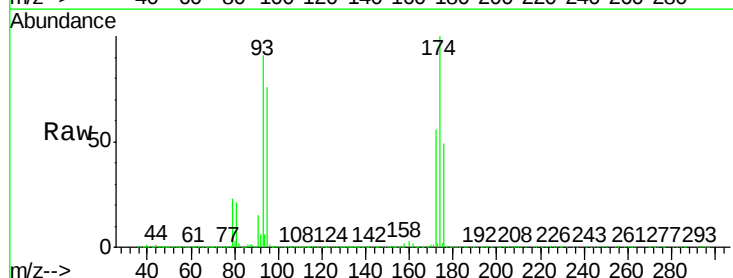
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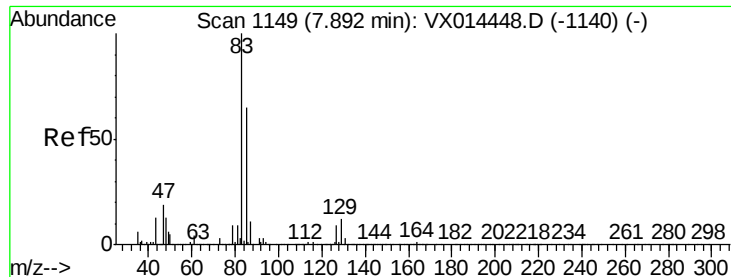
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 1/15/2020 10:23:56 AM



#46
 Dibromomethane
 Concen: 51.269 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014596.D
 Acq: 14 Jan 2020 09:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	65.4	98.2
174	114.1	93.0	139.4





#47

Bromodichloromethane

Concen: 56.971 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

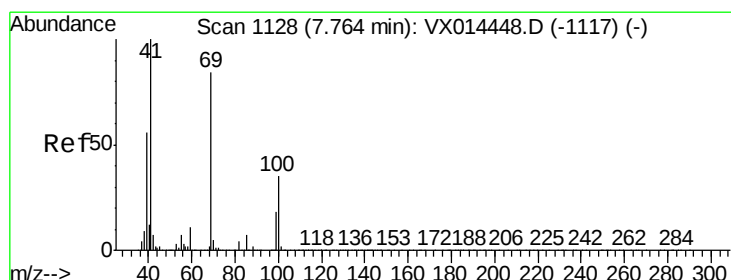
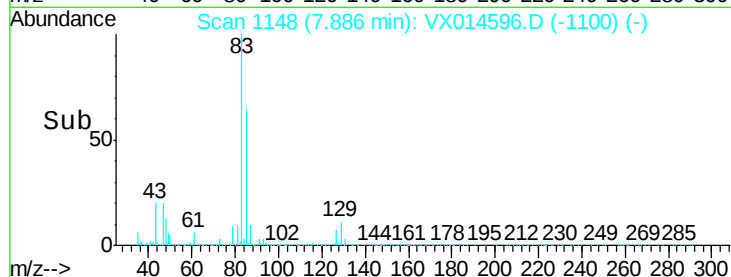
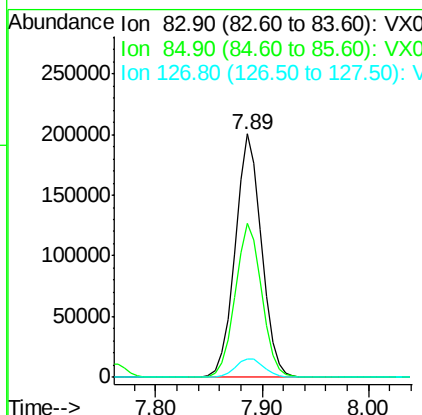
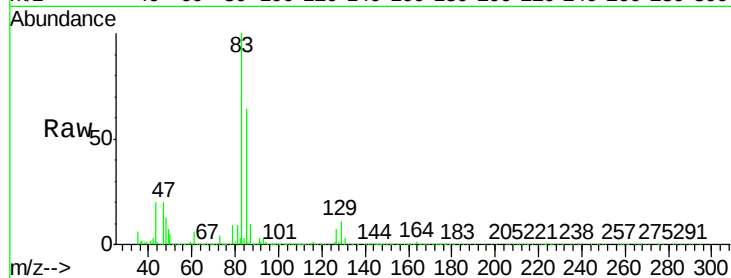
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	347149
Ion Ratio	Lower	Upper	
83	100		
85	63.5	51.7	77.5
127	7.4	7.1	10.7

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#48

Methyl methacrylate

Concen: 55.957 ug/l

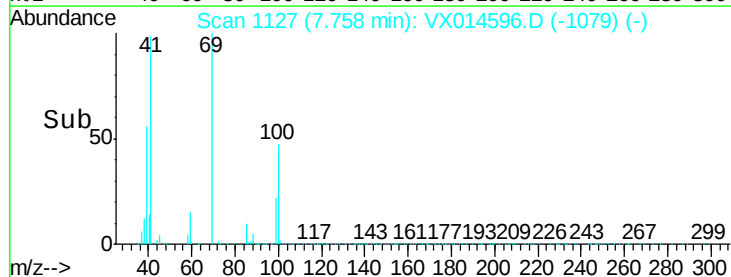
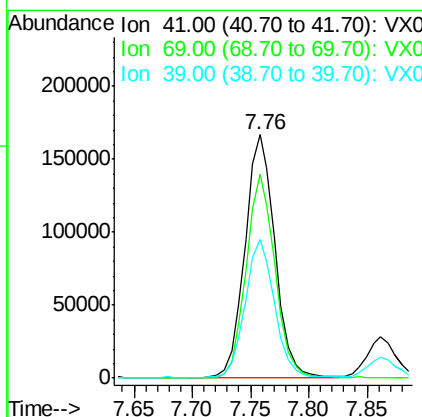
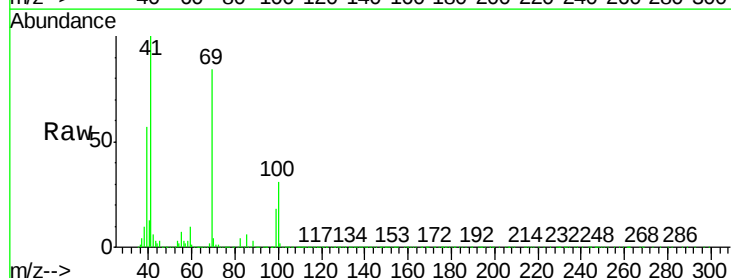
RT: 7.76 min Scan# 1127

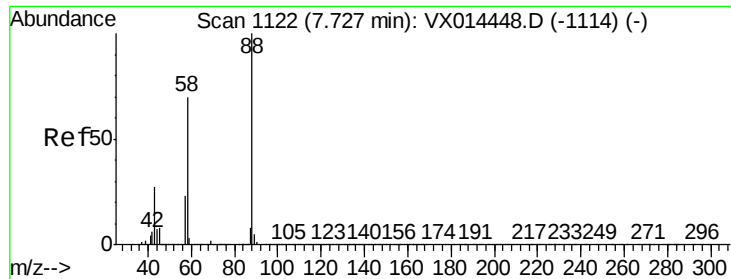
Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Tgt Ion:	41	Resp:	298180
Ion Ratio	Lower	Upper	
41	100		
69	81.3	65.5	98.3
39	55.8	43.9	65.9





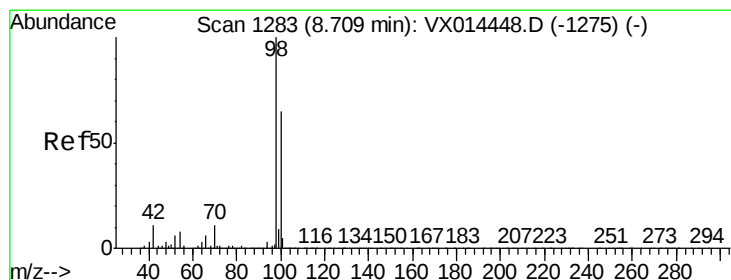
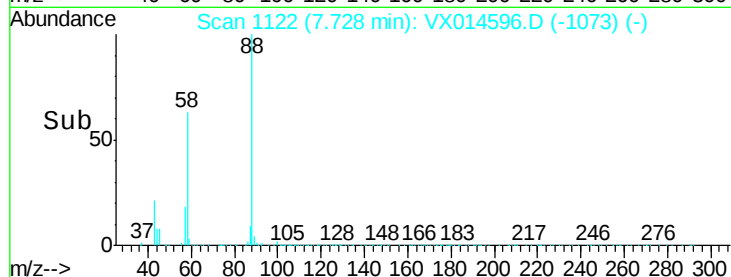
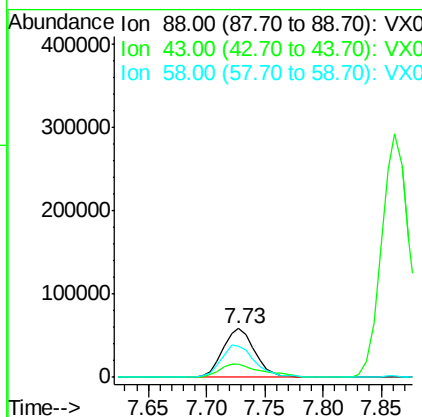
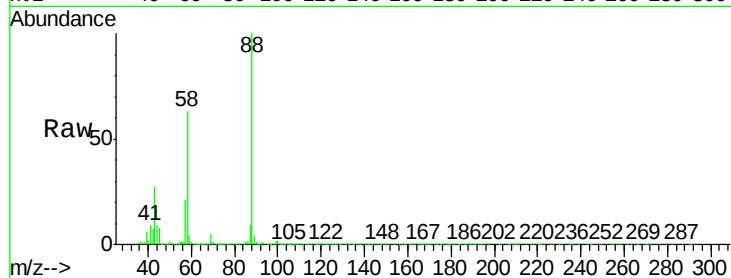
#49
1,4-Dioxane
Concen: 987.488 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	88	Resp:	111498
Ion Ratio	Lower	Upper	
88	100		
43	34.4	27.4	41.0
58	68.6	57.1	85.7

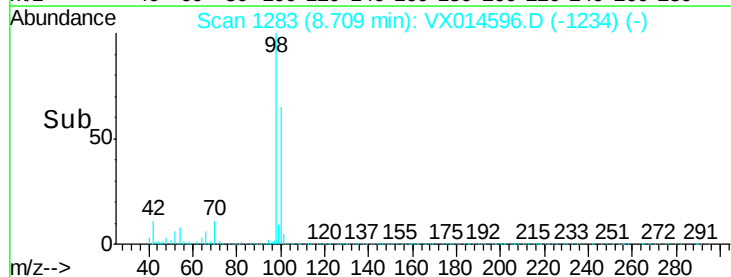
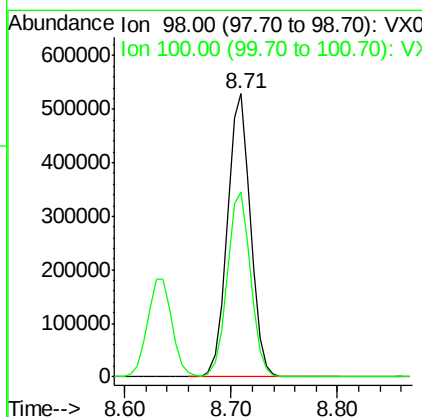
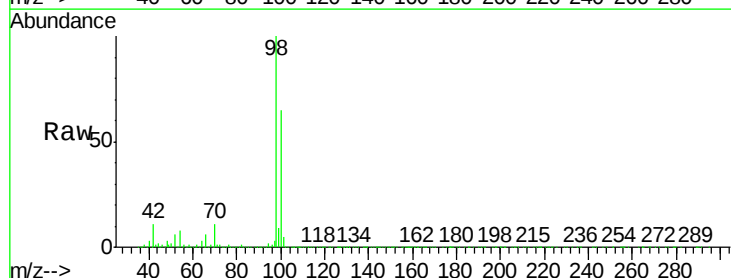
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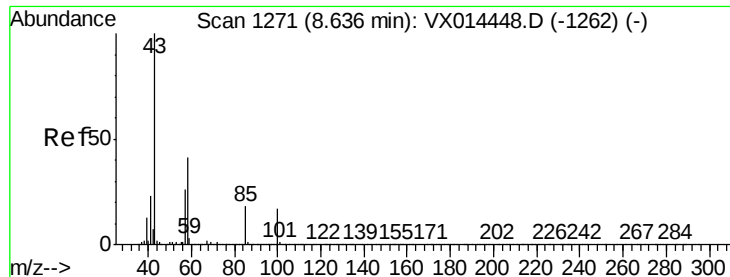
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#50
Toluene-d8
Concen: 50.624 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion:	98	Resp:	801831
Ion Ratio	Lower	Upper	
98	100		
100	66.1	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 273.130 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1851780

Ion Ratio Lower Upper

43 100

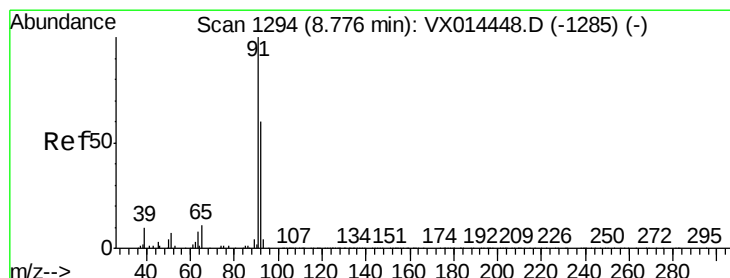
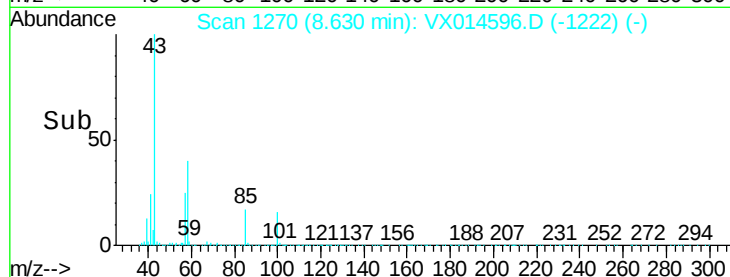
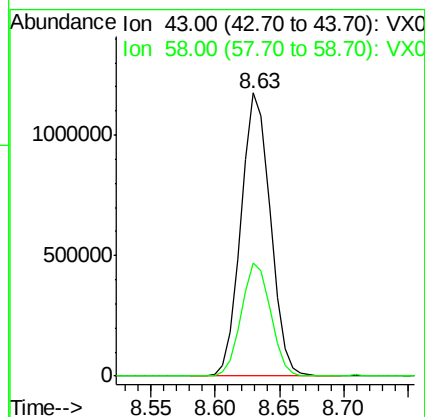
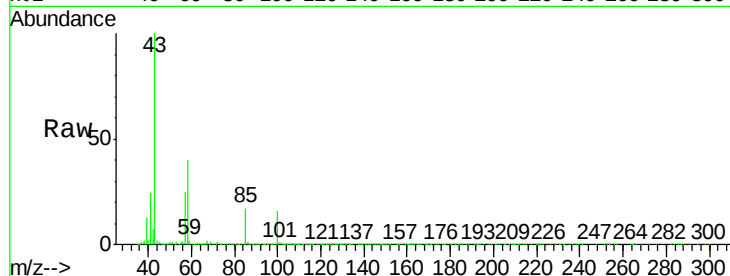
58 39.9 32.4 48.6

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#52

Toluene

Concen: 54.092 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX014596.D

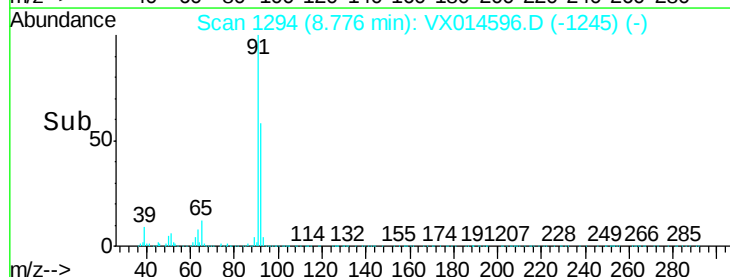
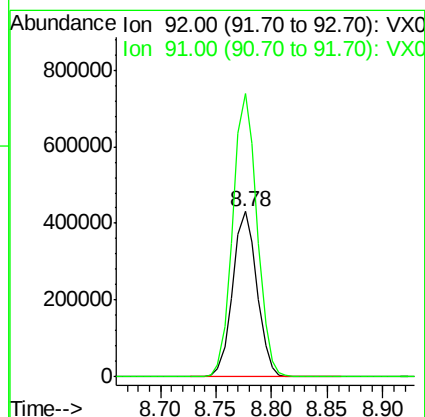
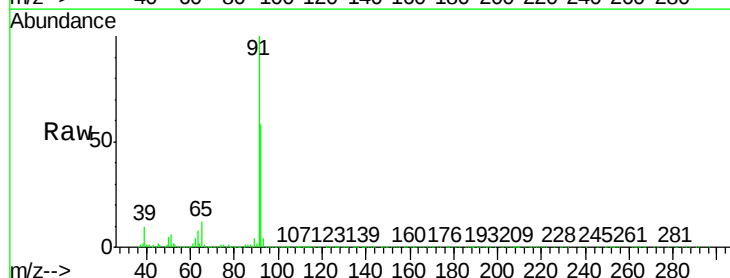
Acq: 14 Jan 2020 09:38

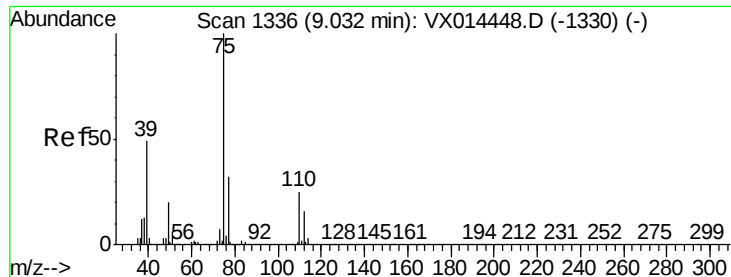
Tgt Ion: 92 Resp: 651634

Ion Ratio Lower Upper

92 100

91 171.3 135.7 203.5





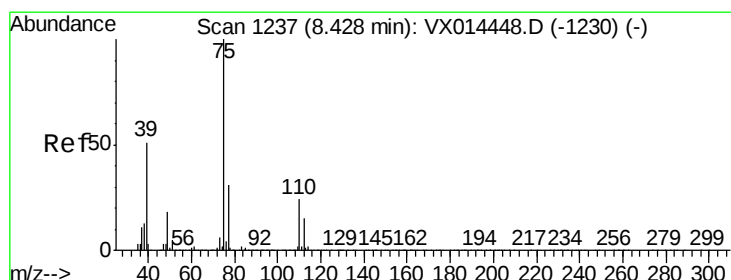
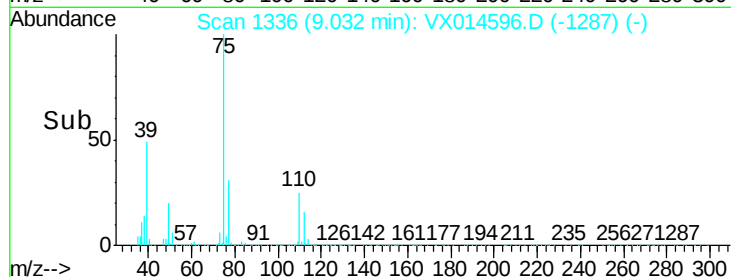
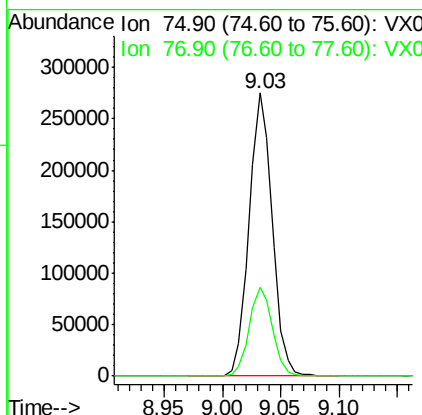
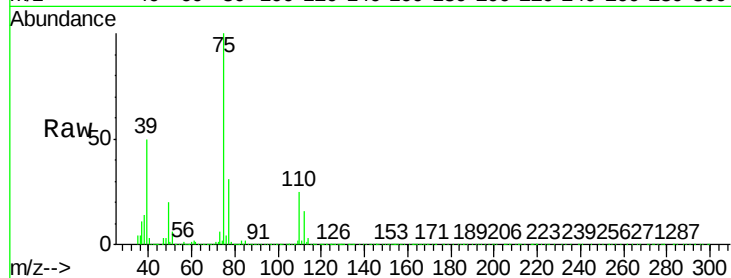
#53
t-1,3-Dichloropropene
Concen: 54.027 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.2

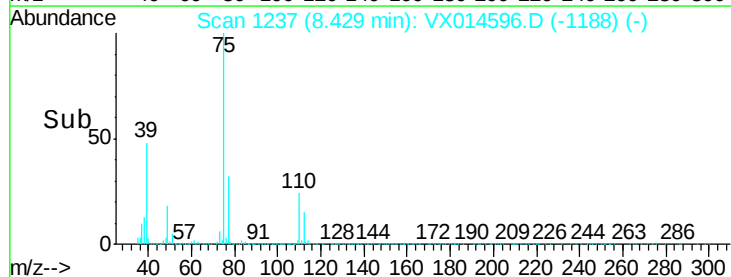
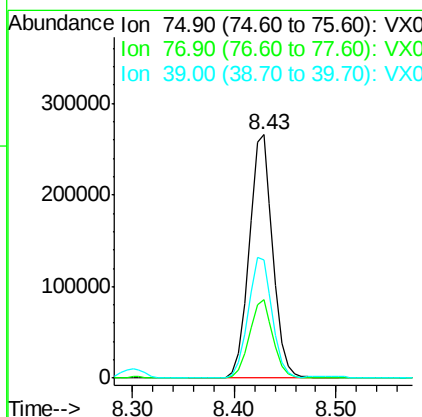
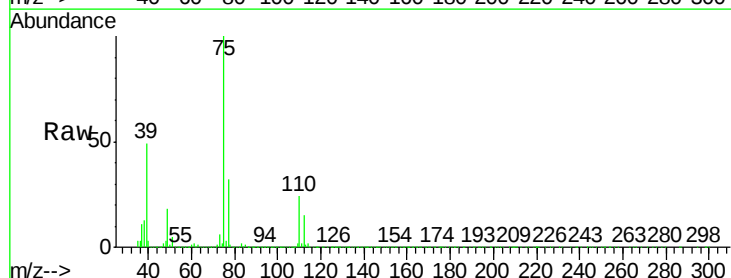
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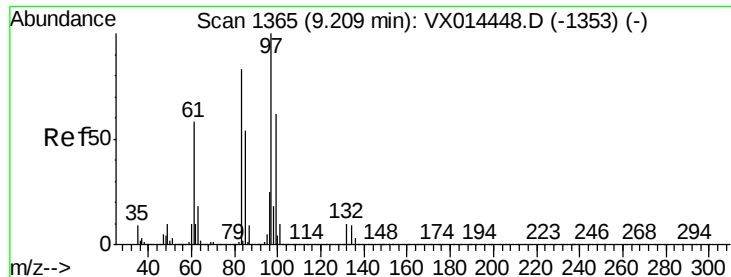
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#54
cis-1,3-Dichloropropene
Concen: 55.694 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.0	37.4
39	48.3	40.7	61.1





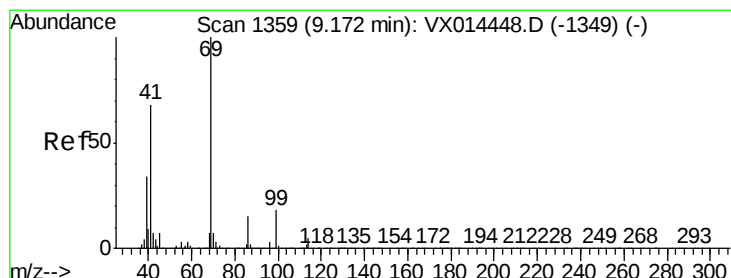
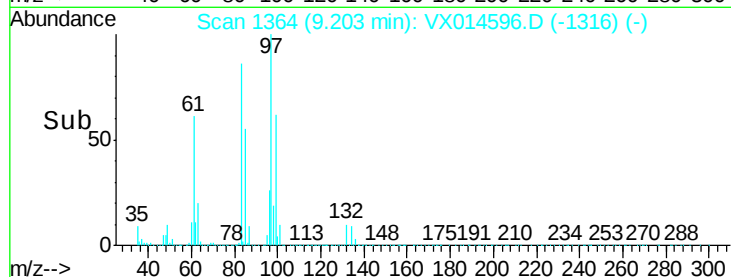
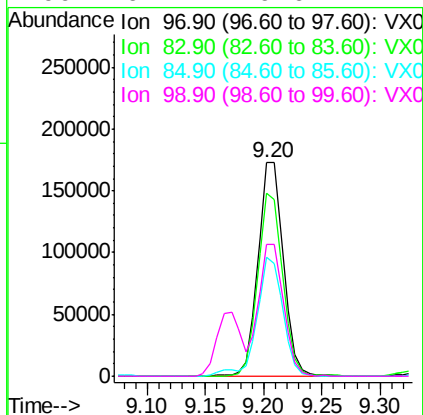
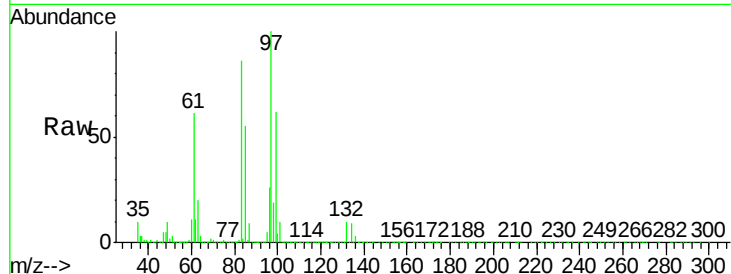
#55
 1,1,2-Trichloroethane
 Concen: 54.540 ug/l
 RT: 9.20 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VX014596.D
 Acq: 14 Jan 2020 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		263906		
83	86.0	66.4	99.6		
85	55.4	43.4	65.2		
99	61.7	49.6	74.4		

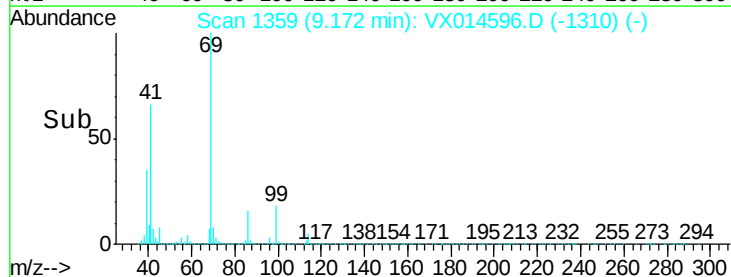
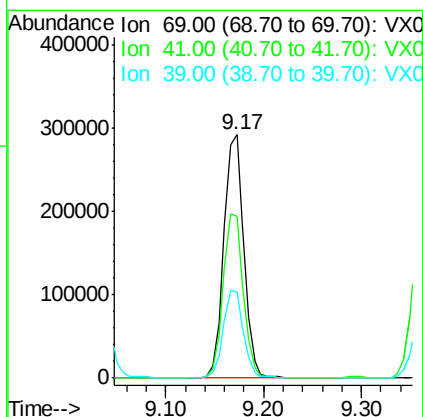
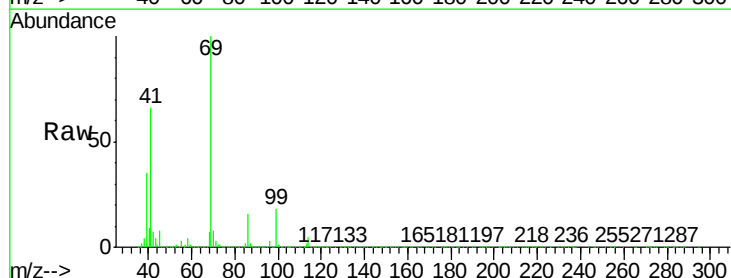
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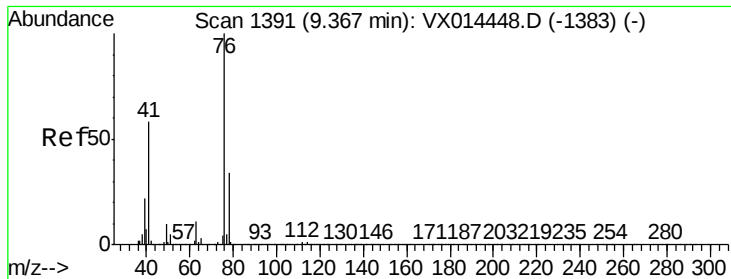
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#56
 Ethyl methacrylate
 Concen: 55.886 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014596.D
 Acq: 14 Jan 2020 09:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		414292		
41	67.9	54.2	81.2		
39	36.3	28.2	42.2		





#57

1,3-Dichloropropane

Concen: 54.505 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 440970

Ion Ratio Lower Upper

76 100

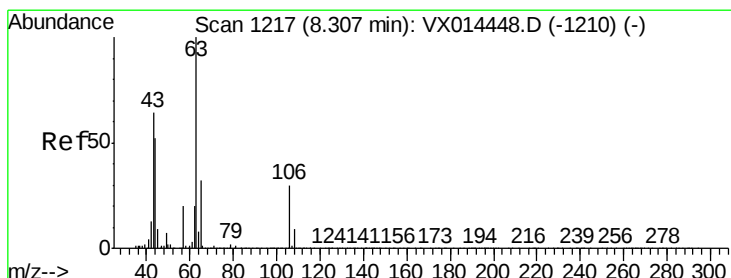
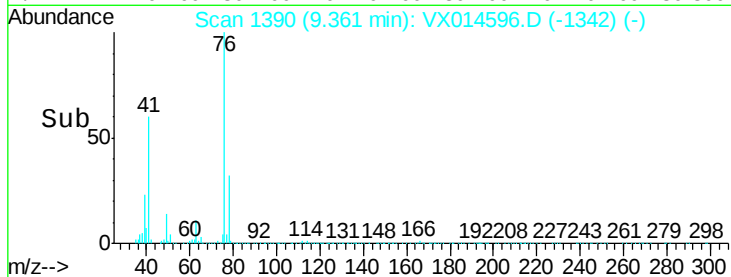
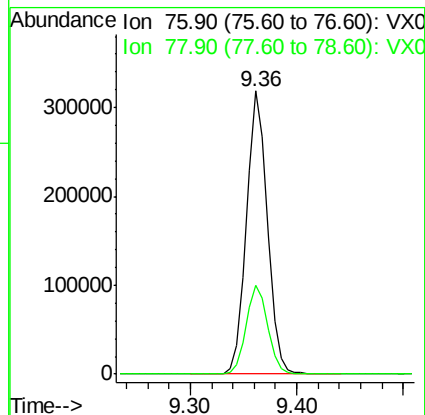
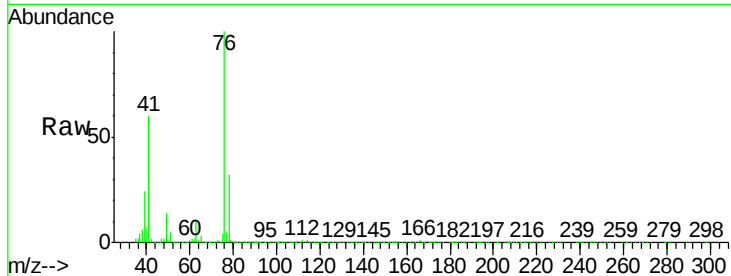
78 32.2 26.4 39.6

Manual Integrations

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1/15/2020 10:23:56 AM



#58

2-Chloroethyl Vinyl ether

Concen: 300.828 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014596.D

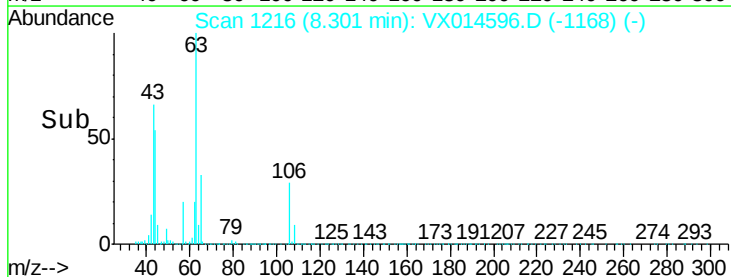
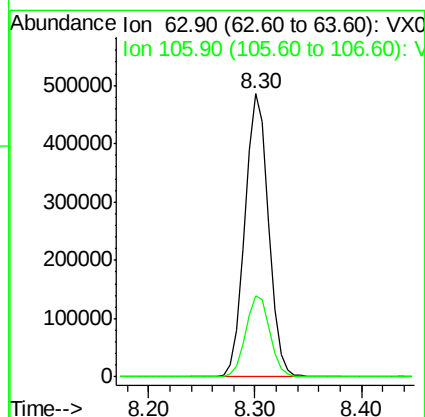
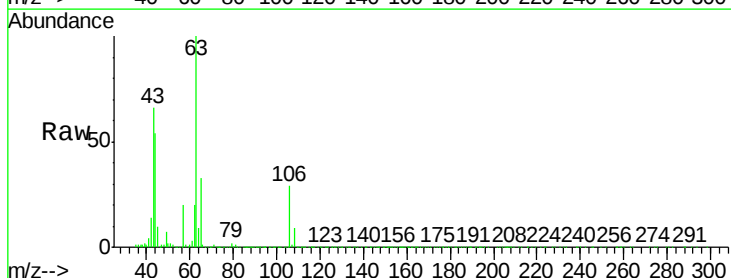
Acq: 14 Jan 2020 09:38

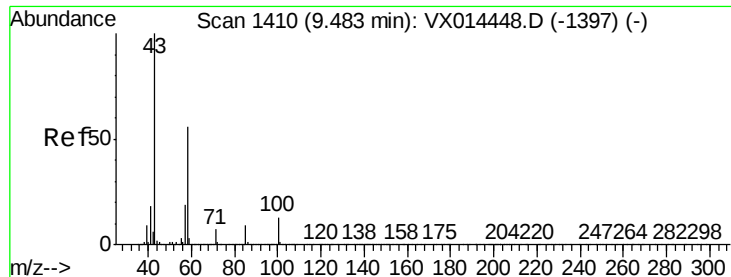
Tgt Ion: 63 Resp: 758759

Ion Ratio Lower Upper

63 100

106 29.1 23.6 35.4





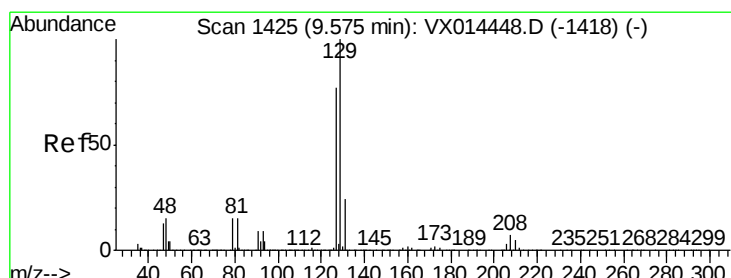
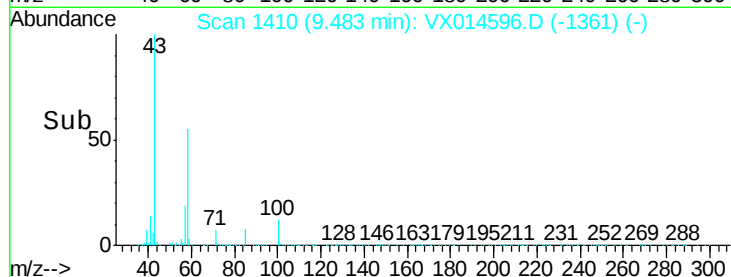
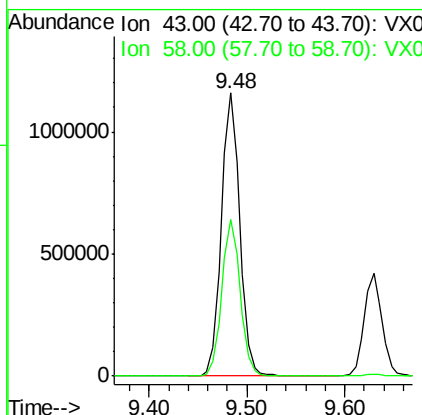
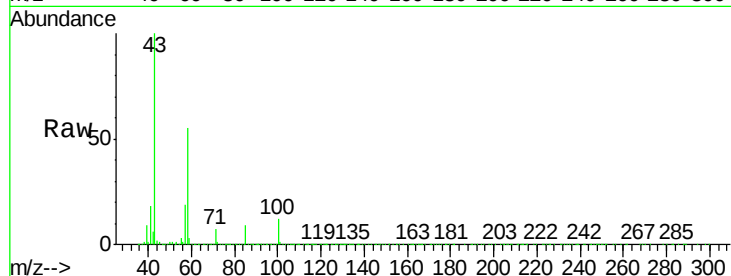
#59
2-Hexanone
Concen: 282.086 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1513256
Ion Ratio Lower Upper
43 100
58 55.2 27.9 83.7

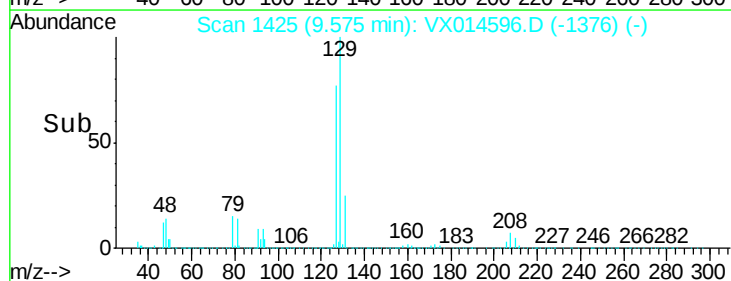
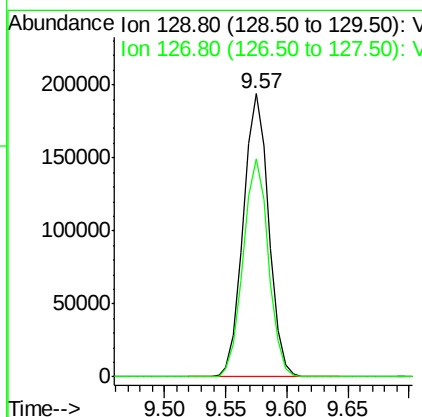
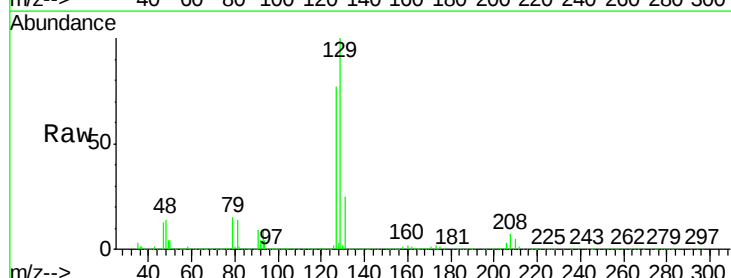
Manual Integrations
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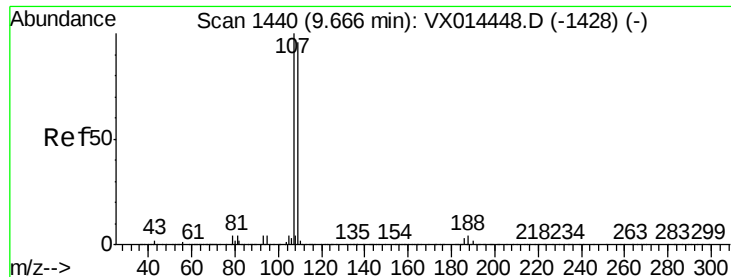
MMDadoda
1/15/2020 10:23:56 AM



#60
Dibromochloromethane
Concen: 57.477 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion: 129 Resp: 279541
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 52.746 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 270358

Ion Ratio Lower Upper

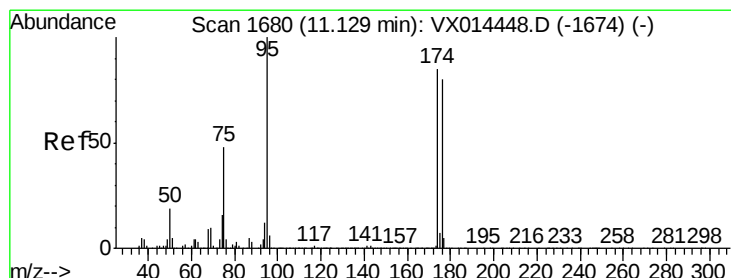
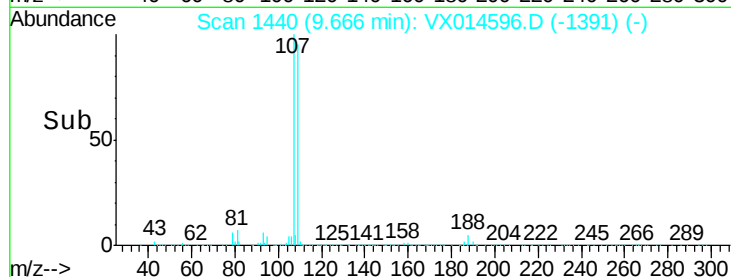
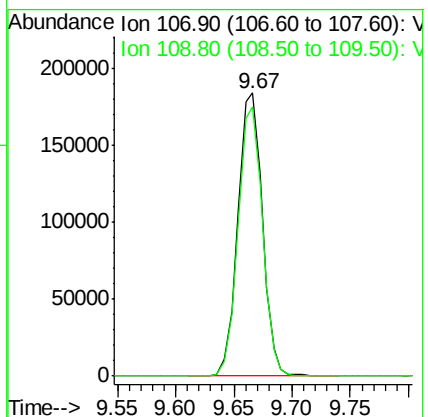
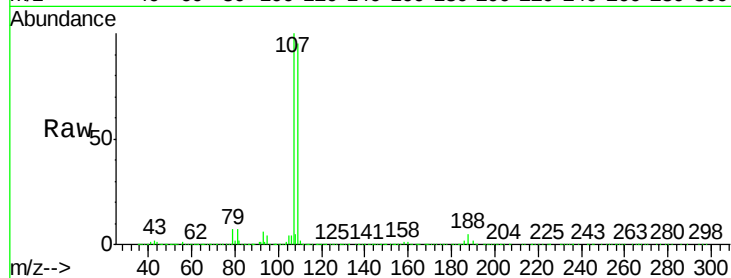
107 100

109 95.2 76.5 114.7

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#62

4-Bromofluorobenzene

Concen: 48.980 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

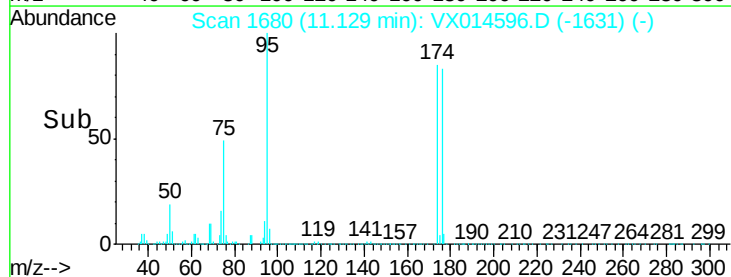
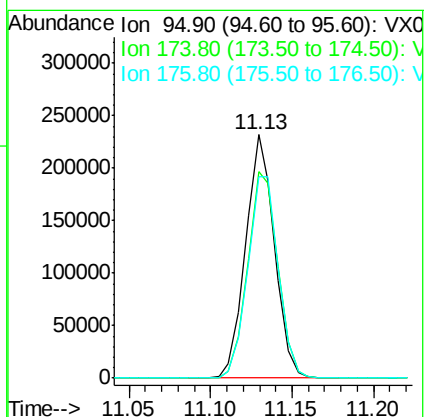
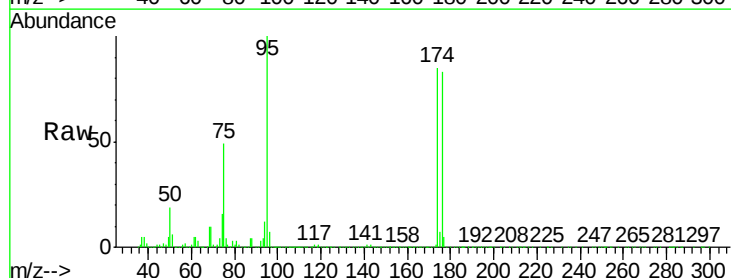
Tgt Ion: 95 Resp: 284806

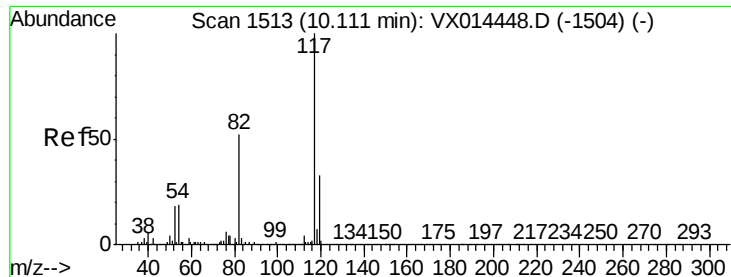
Ion Ratio Lower Upper

95 100

174 89.3 0.0 180.8

176 88.3 0.0 172.8





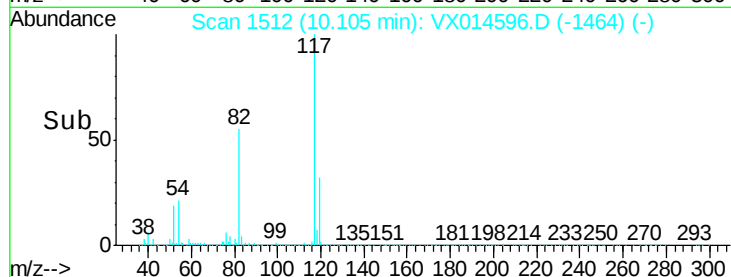
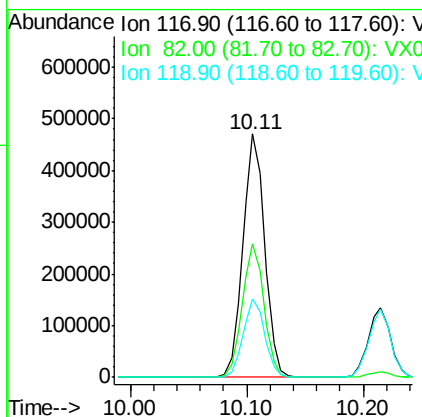
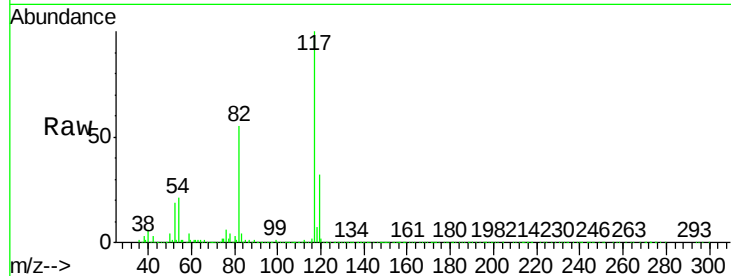
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	41.8	62.6
119	32.0	26.2	39.4

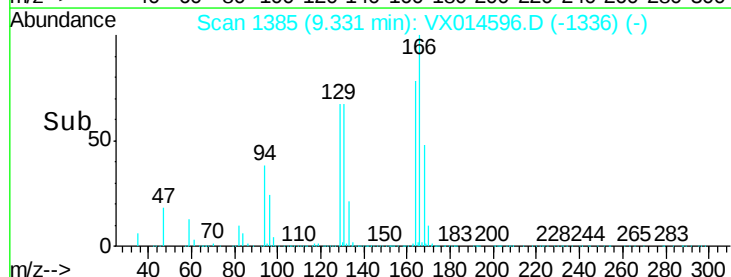
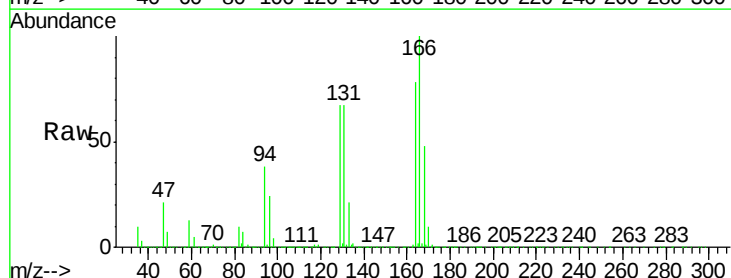
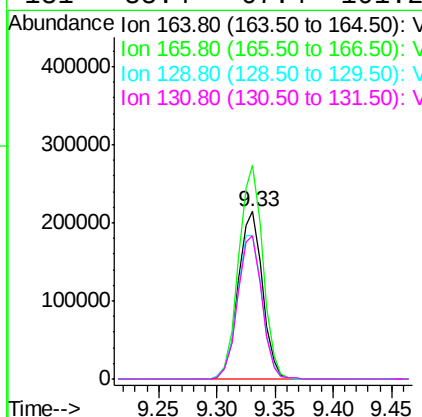
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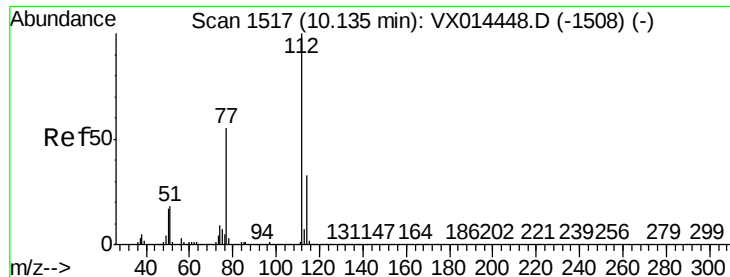
MMDadoda
1/15/2020 10:23:56 AM



#64
Tetrachloroethene
Concen: 50.495 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	101.2	151.8
129	85.9	68.3	102.5
131	85.4	67.4	101.2





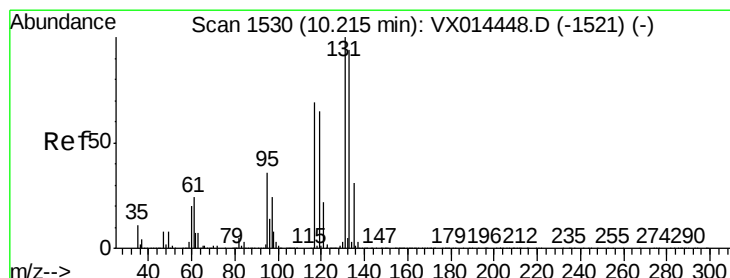
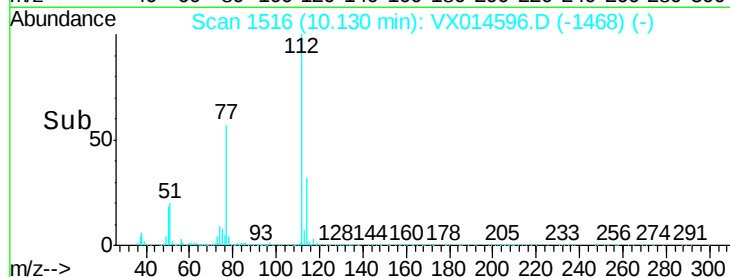
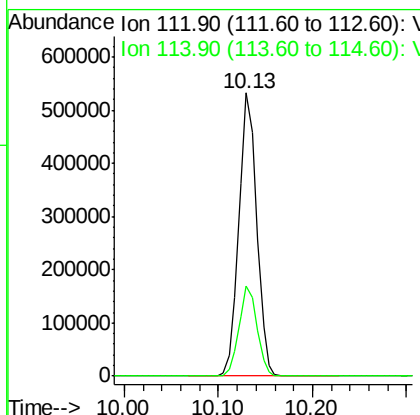
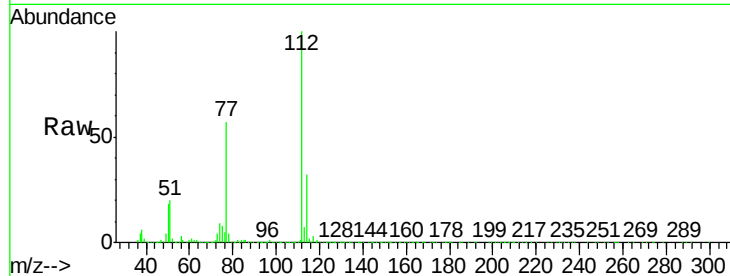
#65
Chlorobenzene
Concen: 52.896 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	26.2	39.4

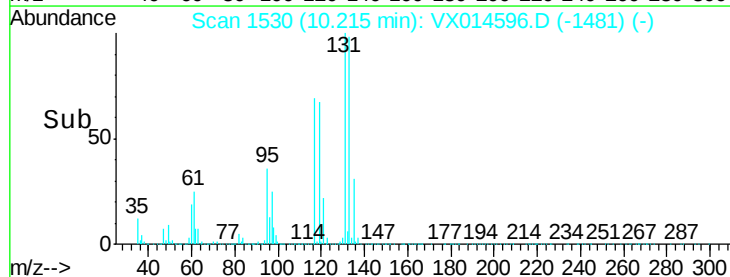
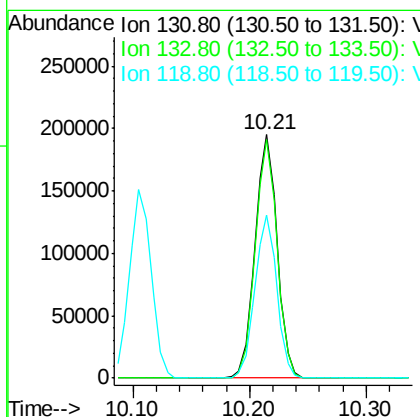
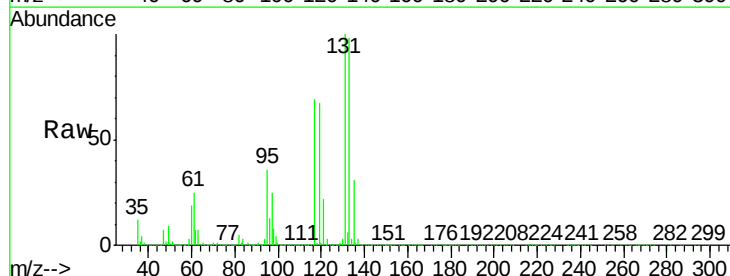
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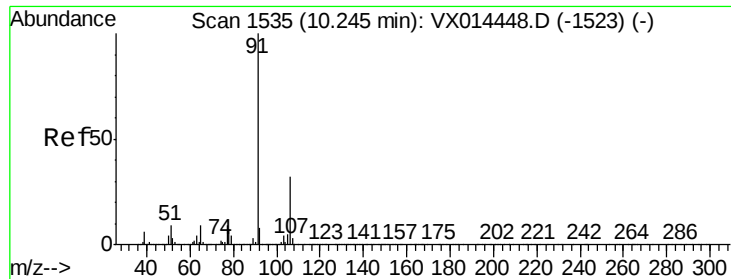
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.241 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.3	142.0
119	66.4	32.8	98.4





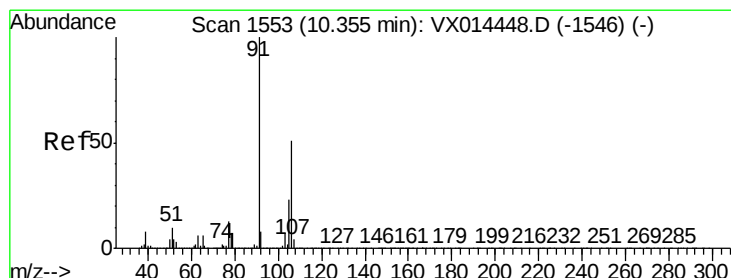
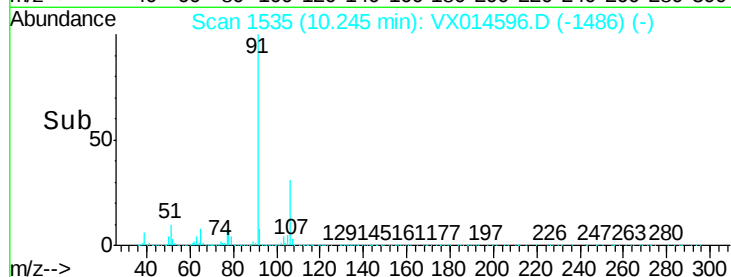
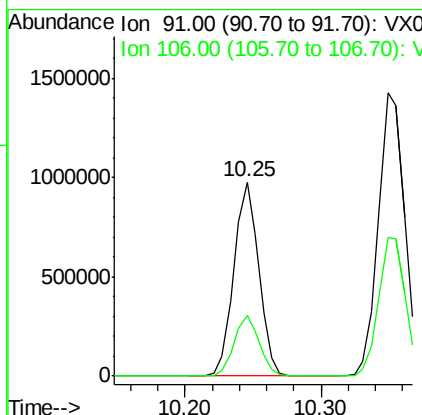
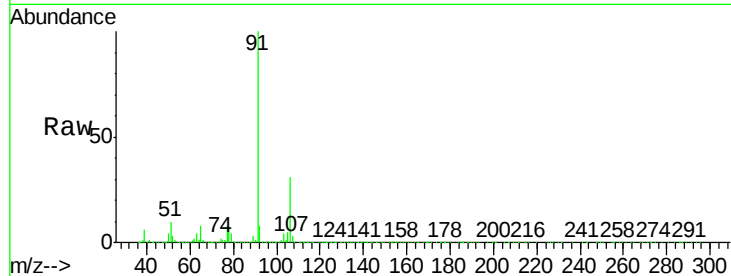
#67
Ethyl Benzene
Concen: 54.760 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1243960
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

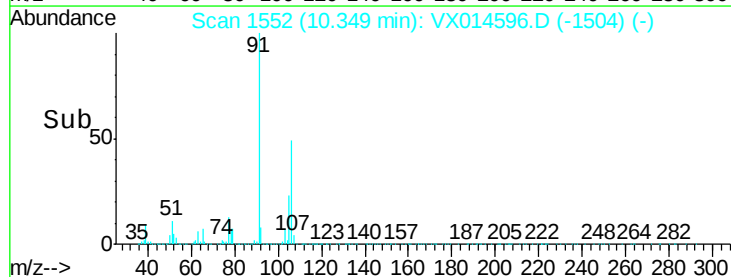
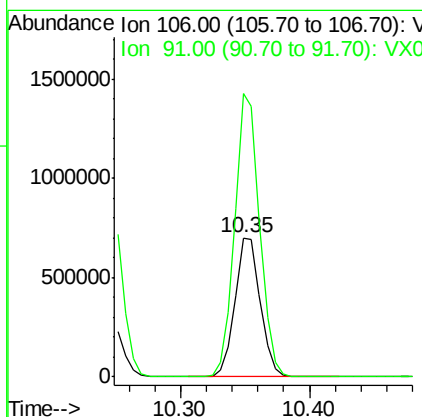
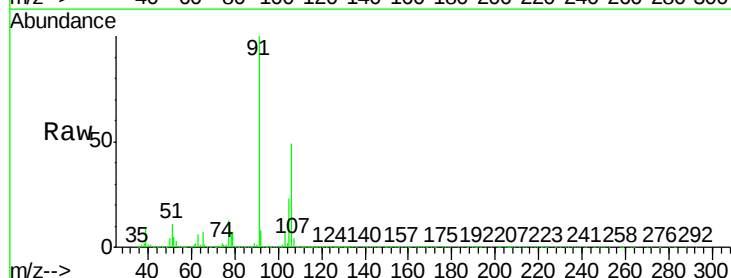
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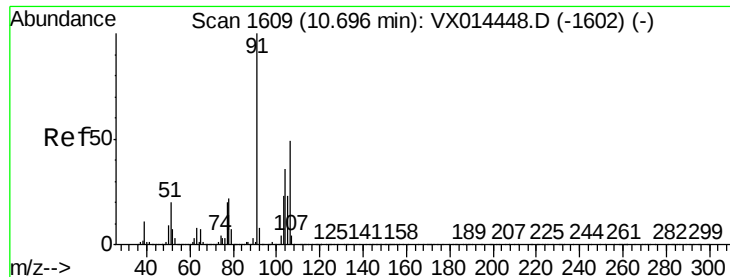
MMDadoda
1/15/2020 10:23:56 AM



#68
m/p-Xylenes
Concen: 109.002 ug/l
RT: 10.35 min Scan# 1552
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion: 106 Resp: 955283
Ion Ratio Lower Upper
106 100
91 200.6 157.4 236.0





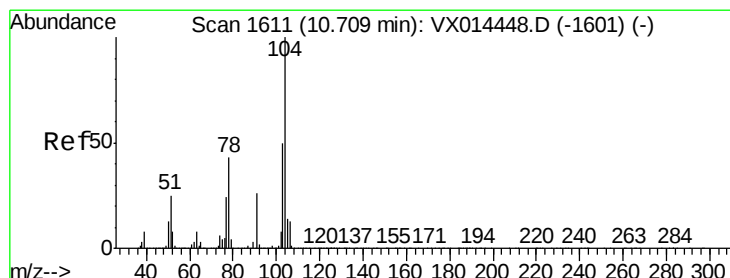
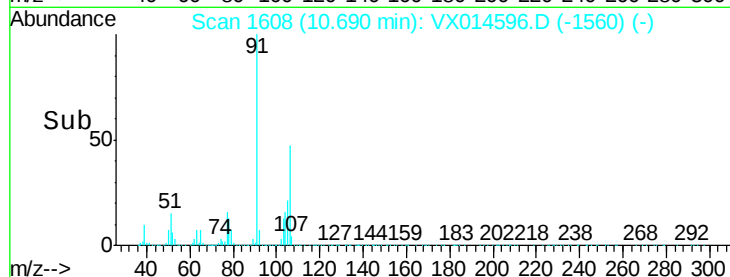
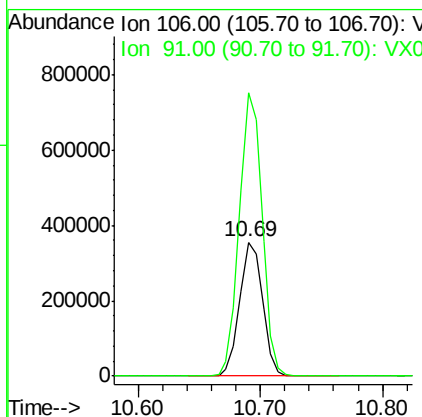
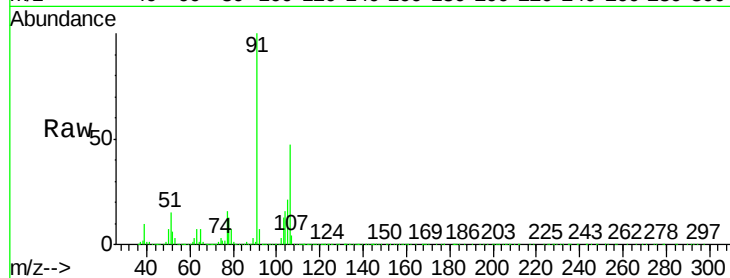
#69
o-Xylene
Concen: 54.891 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 458987
Ion Ratio Lower Upper
106 100
91 211.0 105.1 315.1

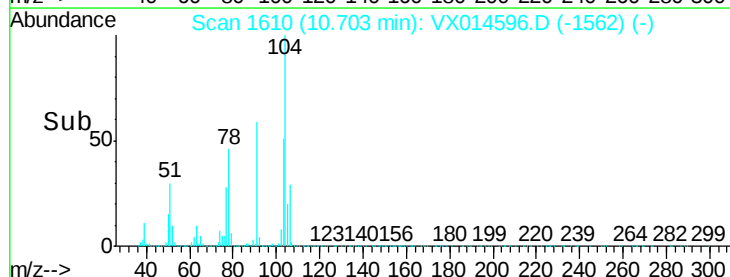
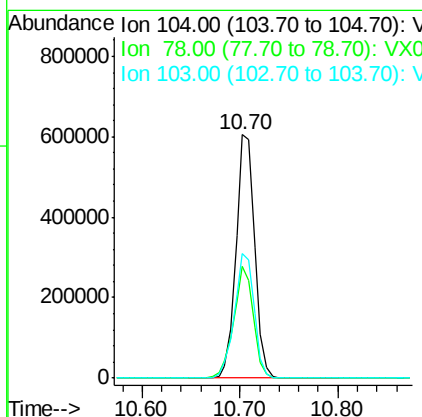
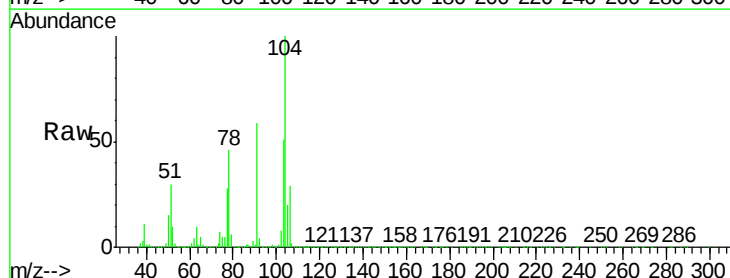
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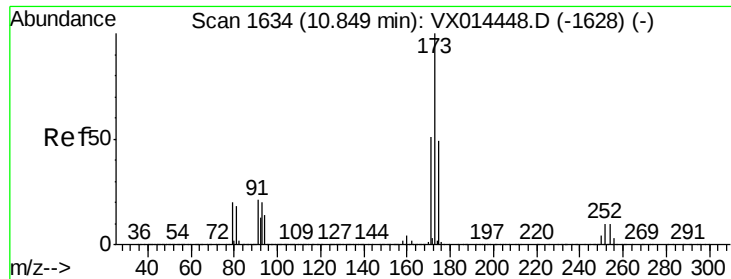
MMDadoda
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#70
Styrene
Concen: 55.509 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion:104 Resp: 801020
Ion Ratio Lower Upper
104 100
78 47.9 38.6 58.0
103 54.2 43.7 65.5





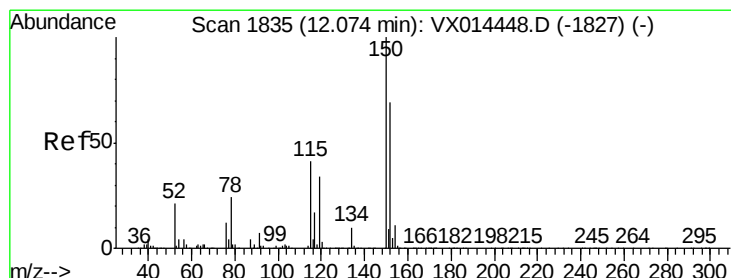
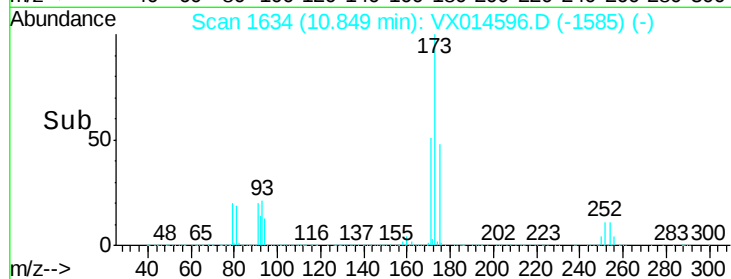
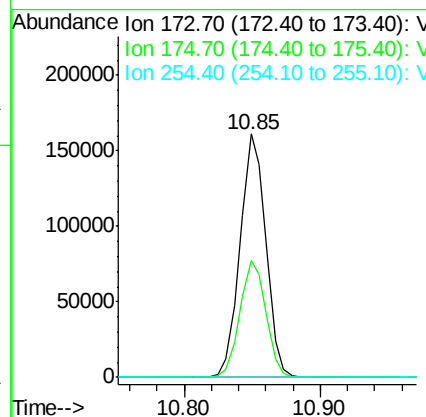
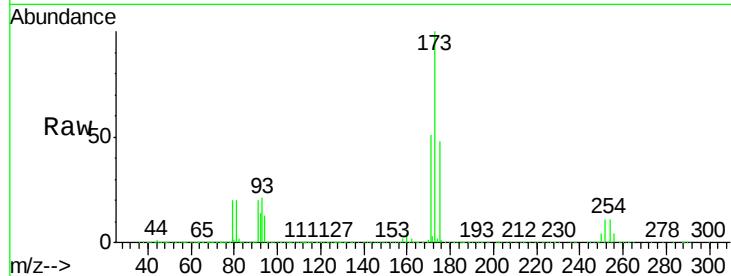
#71
Bromoform
Concen: 54.483 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.3	72.8
254	0.2	0.2	0.2

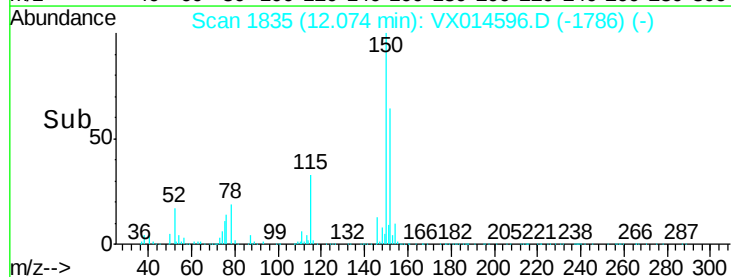
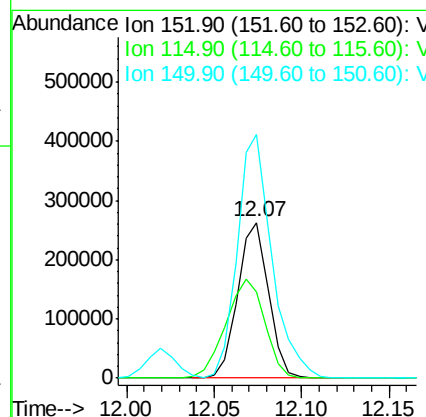
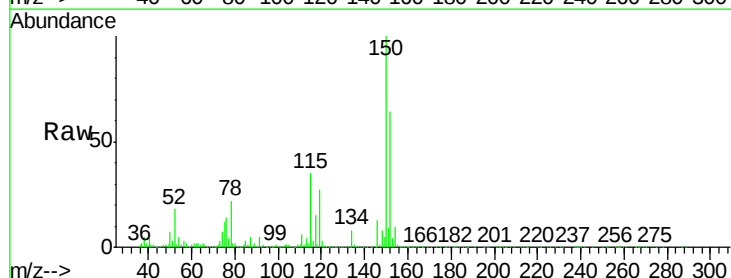
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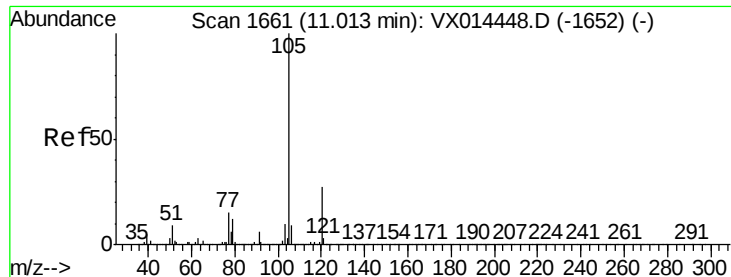
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.8	39.5	118.3
150	175.8	0.0	350.2





#73

Isopropylbenzene

Concen: 54.605 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 1230428

Ion Ratio Lower Upper

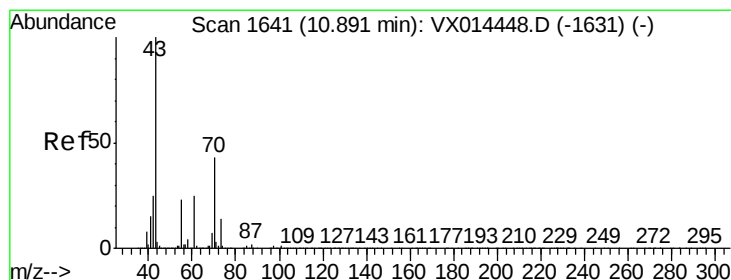
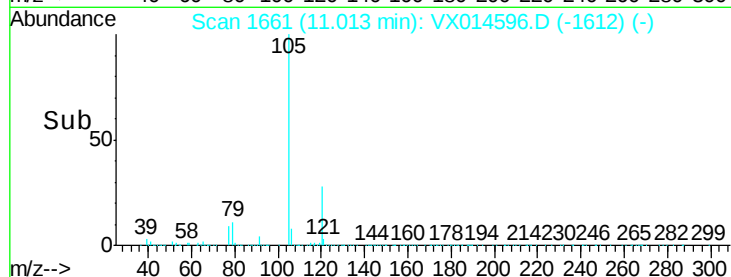
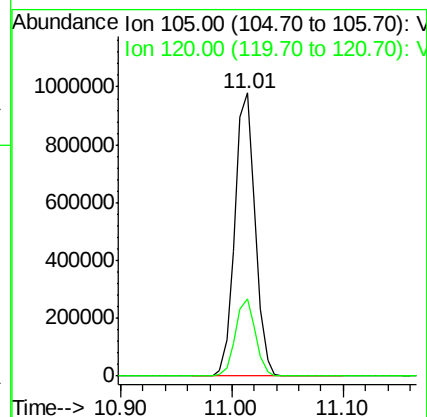
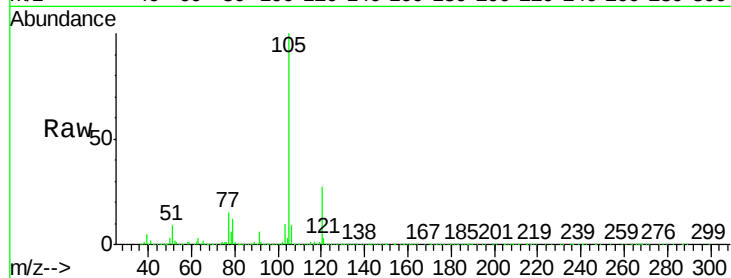
105 100

120 27.0 13.4 40.2

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#74

N-ethyl acetate

Concen: 52.765 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Tgt Ion: 43 Resp: 524561

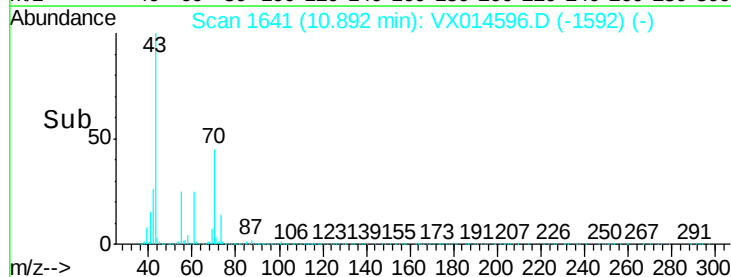
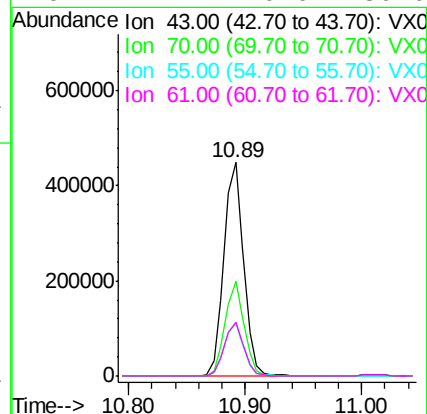
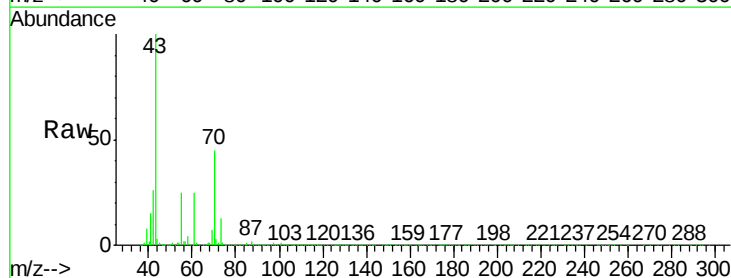
Ion Ratio Lower Upper

43 100

70 43.1 35.1 52.7

55 24.2 19.3 28.9

61 24.7 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.475 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 386428

Ion Ratio Lower Upper

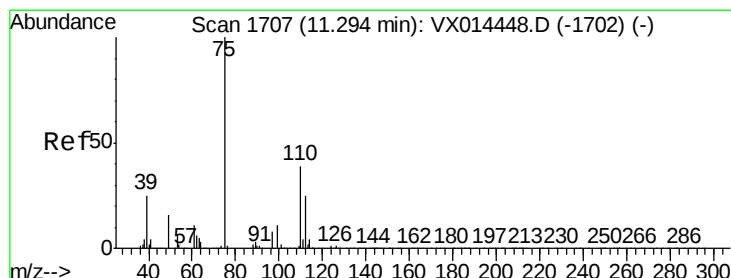
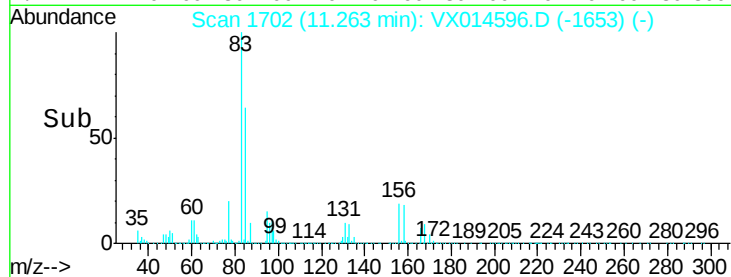
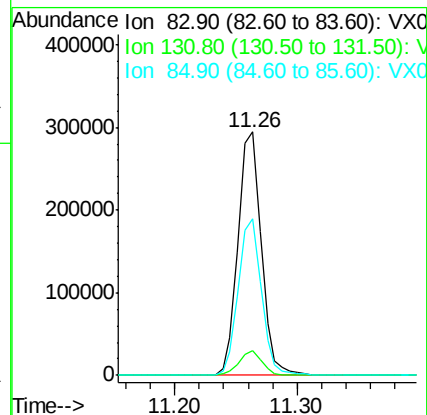
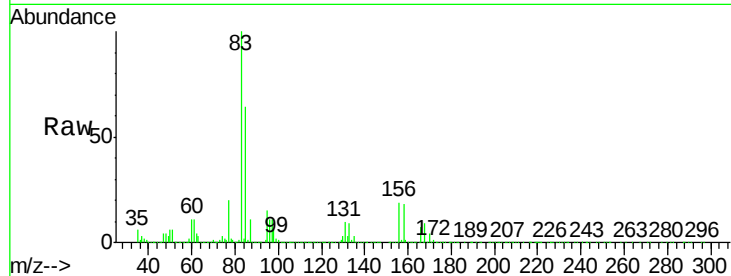
83 100

131 9.9 5.1 15.4

85 64.0 32.5 97.4

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1/15/2020 10:23:56 AM



#76

1,2,3-Trichloropropane

Concen: 50.540 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014596.D

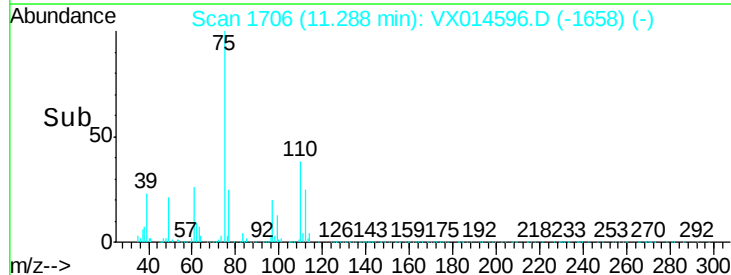
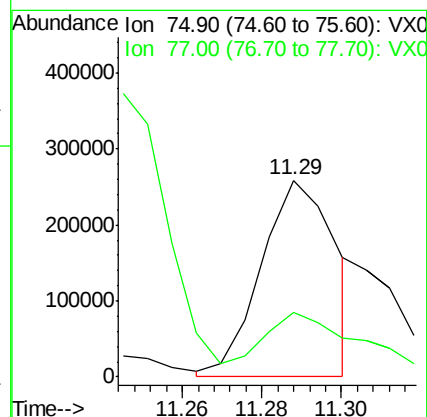
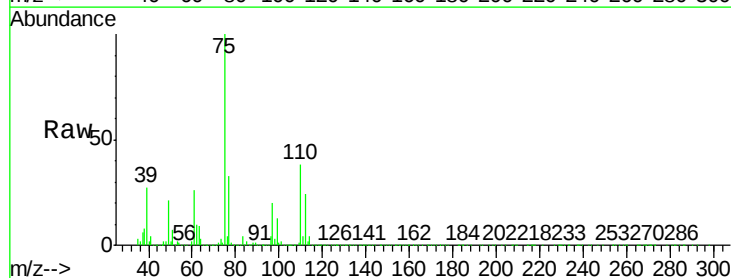
Acq: 14 Jan 2020 09:38

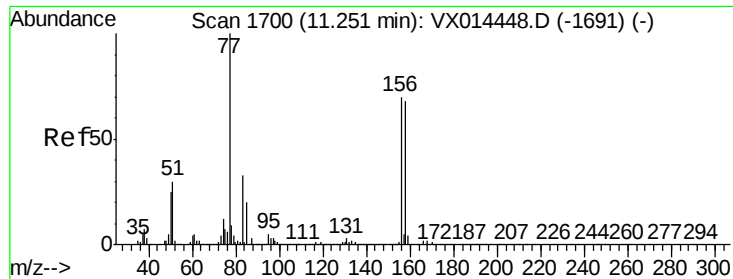
Tgt Ion: 75 Resp: 335550

Ion Ratio Lower Upper

75 100

77 43.8 21.9 65.7





#77

Bromobenzene

Concen: 50.973 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

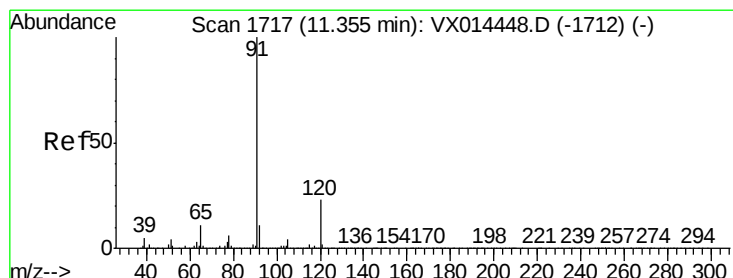
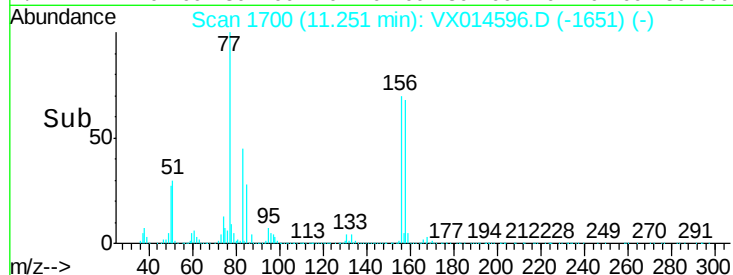
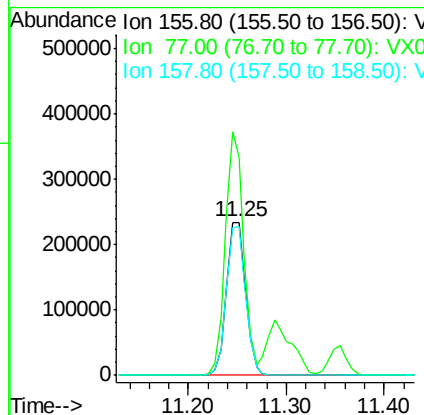
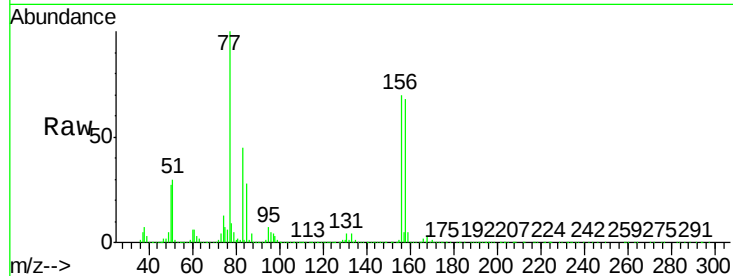
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	318531
Ion Ratio	Lower	Upper	
156	100		
77	150.7	75.4	226.3
158	97.4	48.8	146.3

Manual Integrations
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#78

n-propylbenzene

Concen: 55.678 ug/l

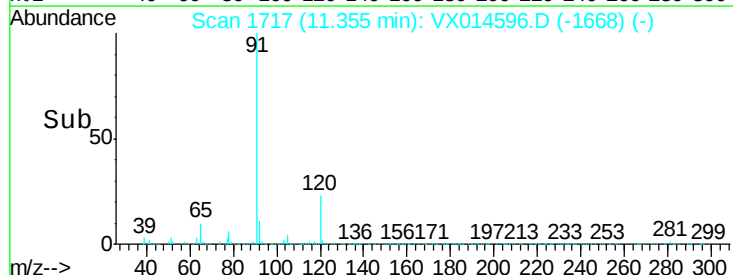
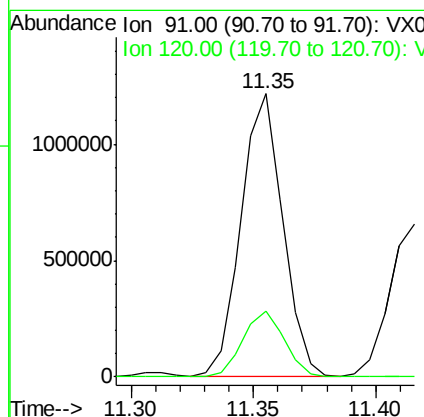
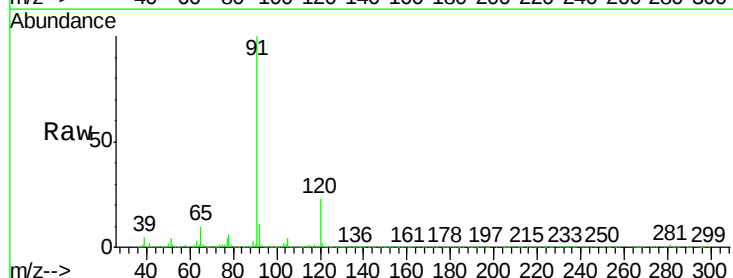
RT: 11.35 min Scan# 1717

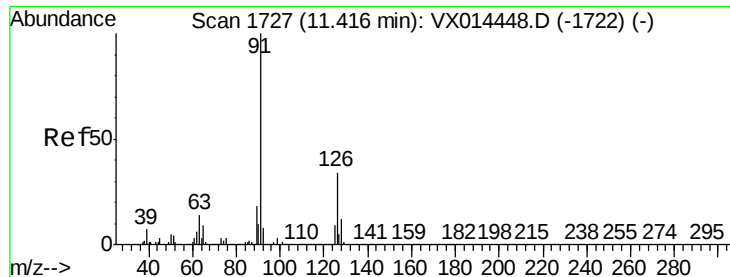
Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Tgt Ion:	91	Resp:	1436834
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.9	35.5





#79

2-Chlorotoluene

Concen: 53.212 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 818416

Ion Ratio Lower Upper

91 100

126 35.2

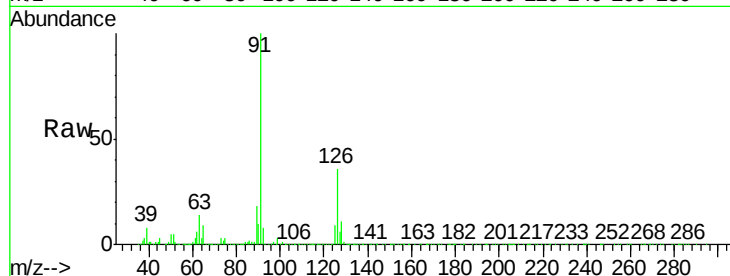
17.5

52.5

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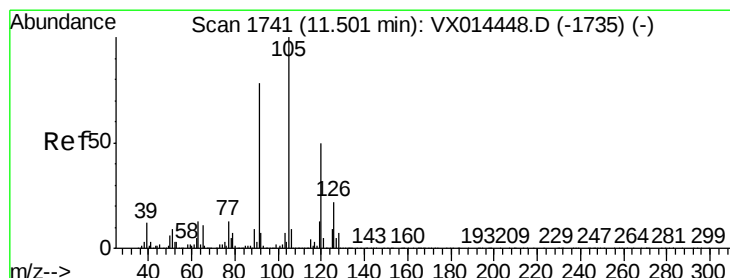
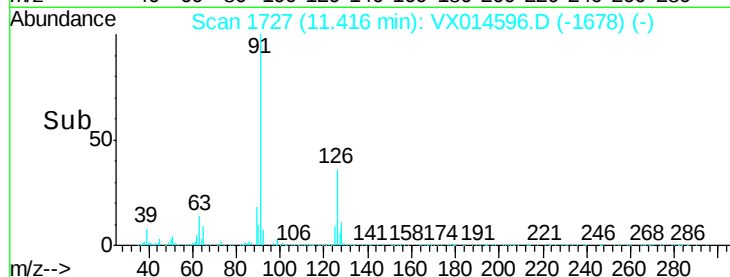
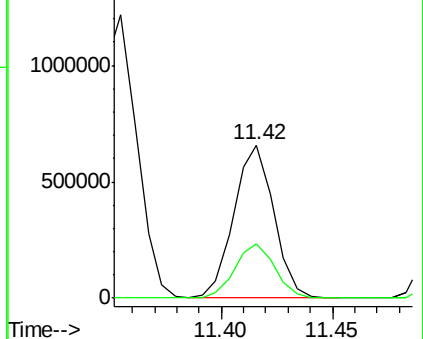
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Abundance Ion 91.00 (90.70 to 91.70): VX014448.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX014448.D (-1722) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.962 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Tgt Ion: 105 Resp: 1028237

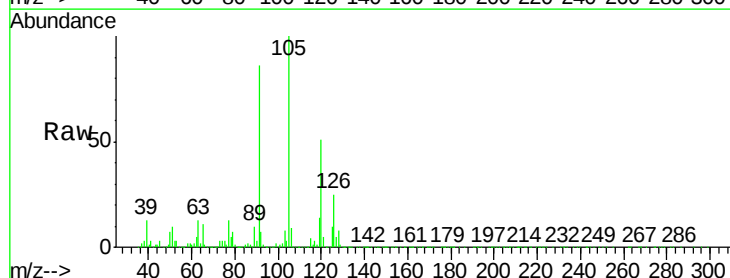
Ion Ratio Lower Upper

105 100

120 50.8

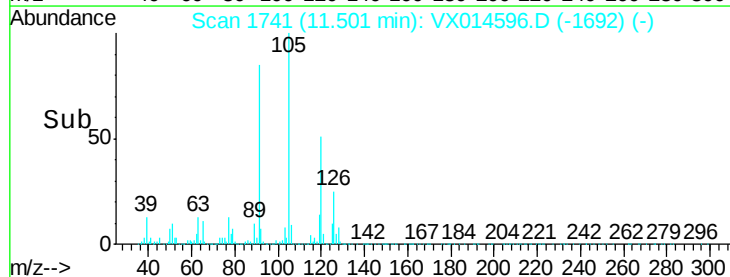
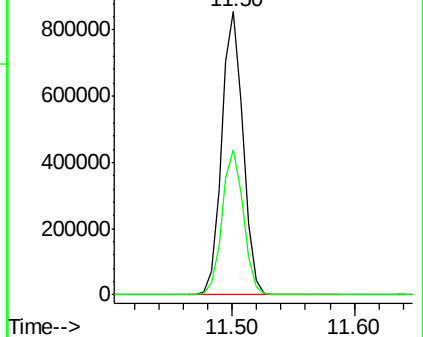
25.2

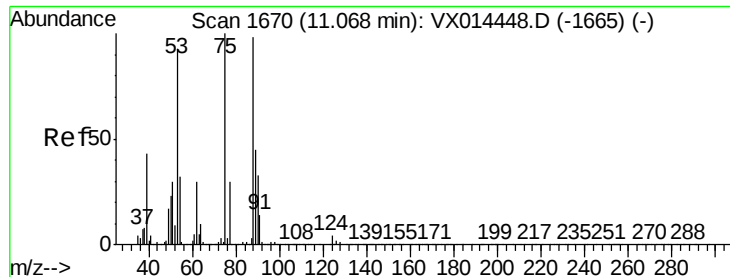
75.6



Abundance Ion 105.00 (104.70 to 105.70): VX014448.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX014448.D (-1735) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.248 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

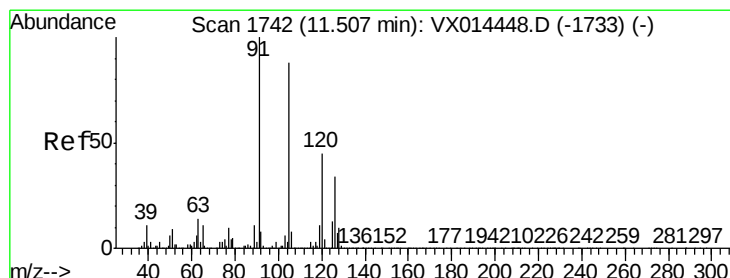
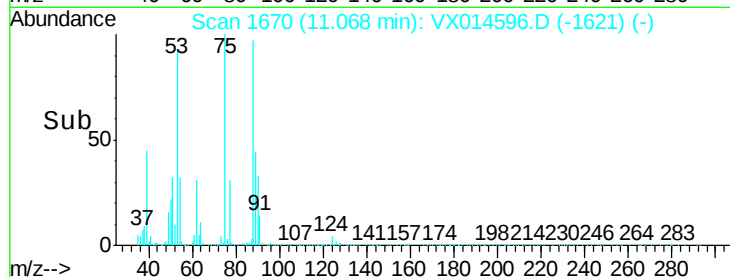
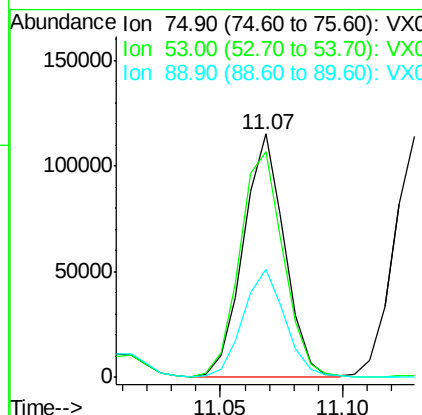
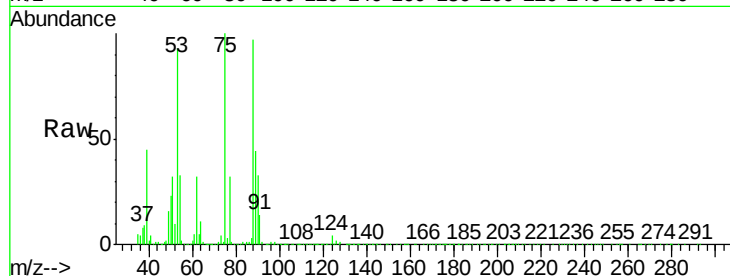
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	133720
Ion	Ratio	Lower	Upper
75	100		
53	98.4	74.8	112.2
89	45.8	36.3	54.5

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#82

4-Chlorotoluene

Concen: 53.613 ug/l

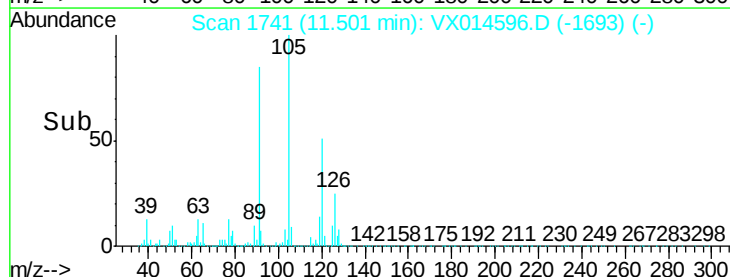
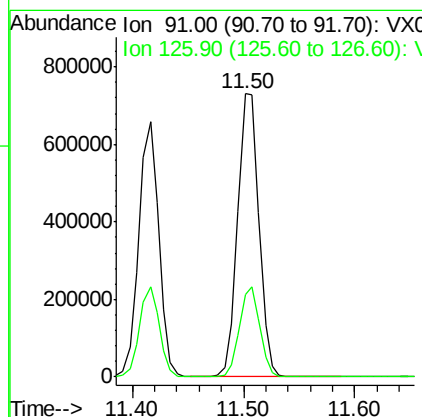
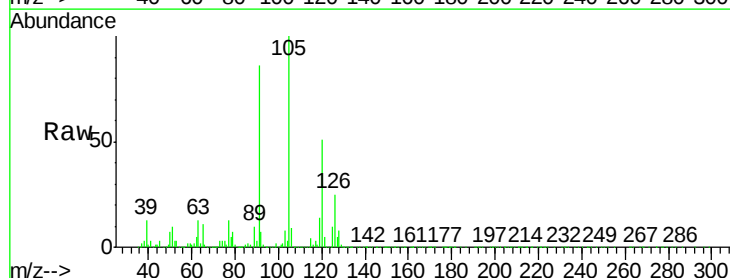
RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Tgt Ion:	91	Resp:	967909
Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.9	47.7





#83

tert-Butylbenzene

Concen: 54.846 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

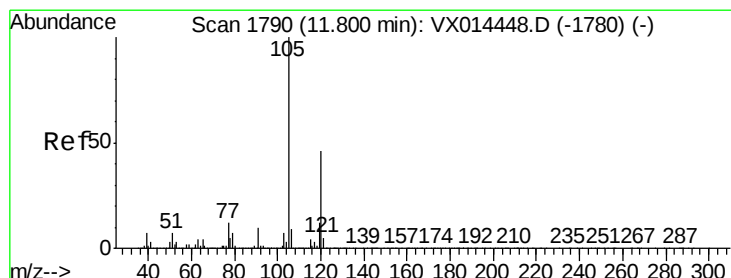
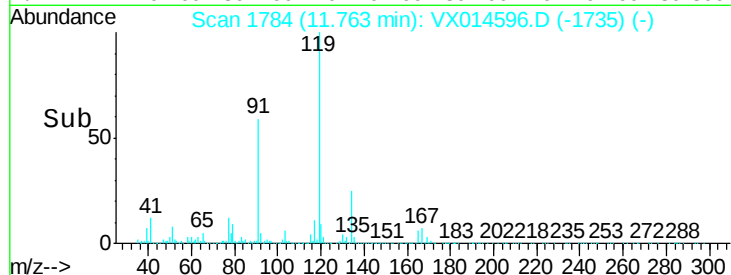
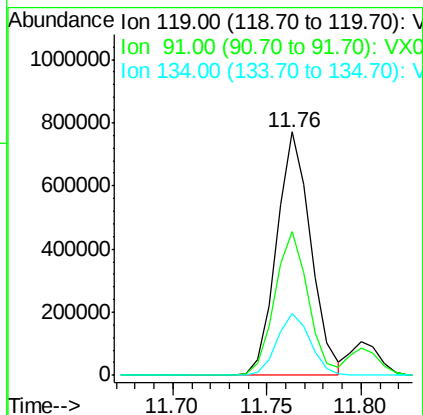
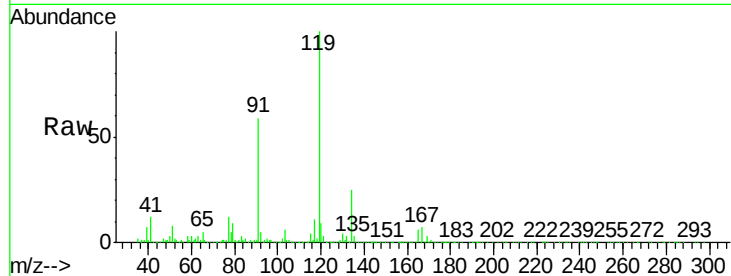
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	969494
Ion Ratio	Lower	Upper	
119	100		
91	57.9	29.3	88.0
134	24.9	12.4	37.4

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#84

1,2,4-Trimethylbenzene

Concen: 55.033 ug/l

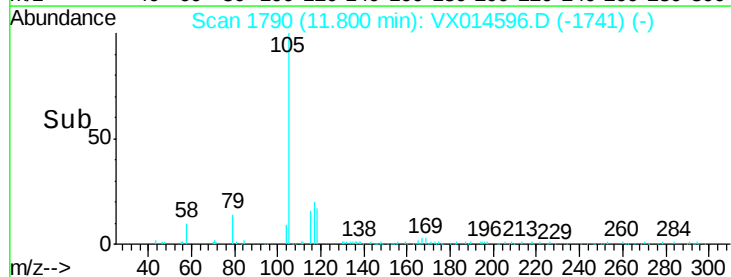
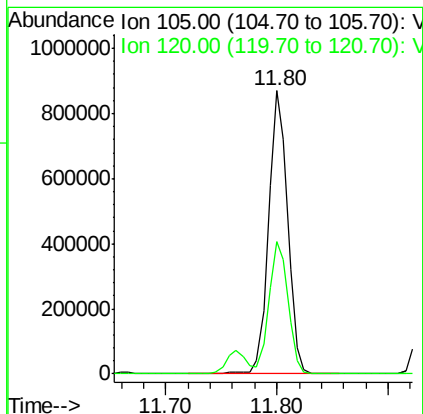
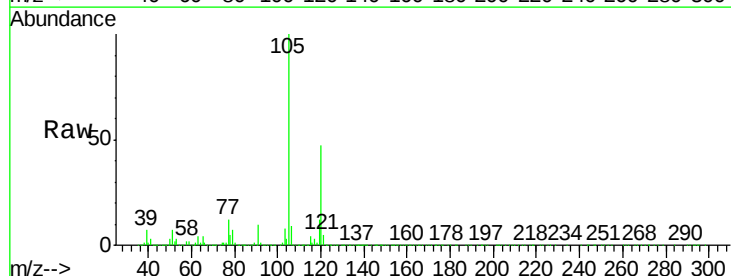
RT: 11.80 min Scan# 1790

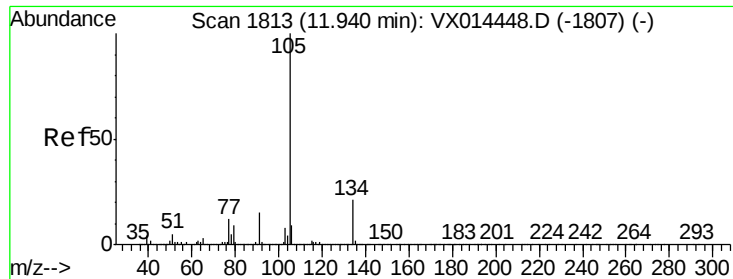
Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Tgt Ion:	105	Resp:	1040334
Ion Ratio	Lower	Upper	
105	100		
120	46.3	23.1	69.3





#85

sec-Butylbenzene

Concen: 55.477 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1219078

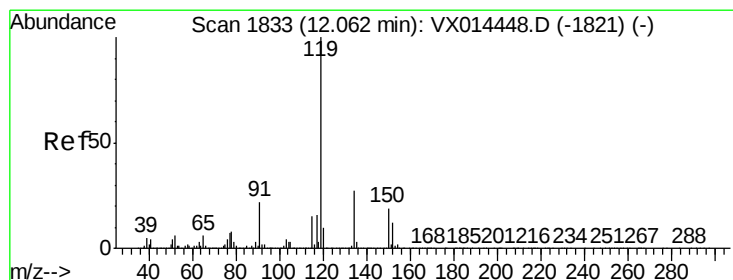
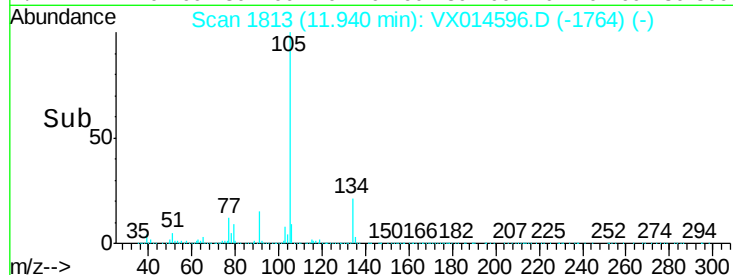
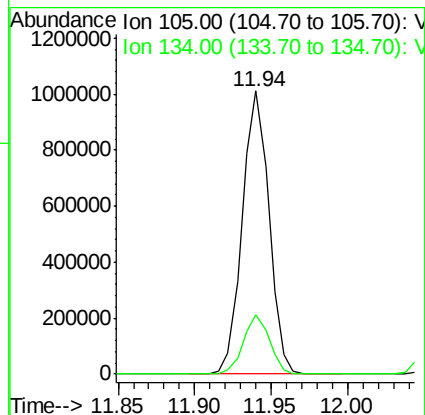
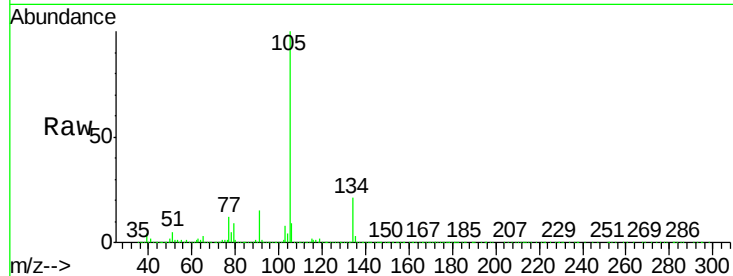
Ion Ratio Lower Upper

105 100

134 20.5 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 55.448 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

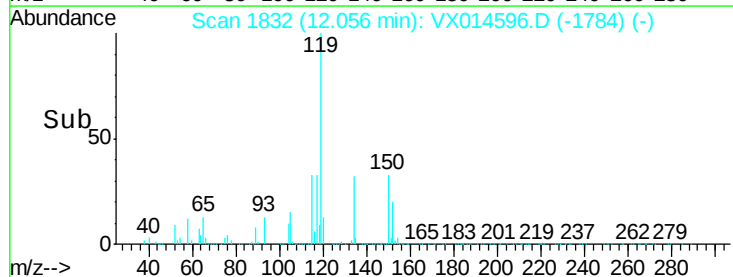
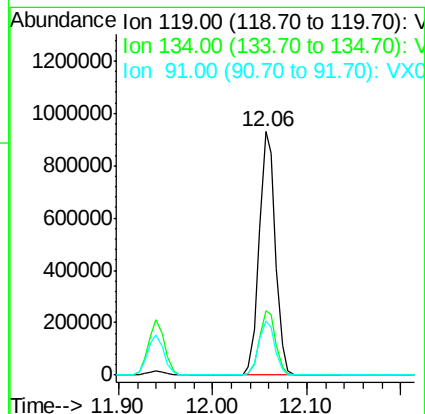
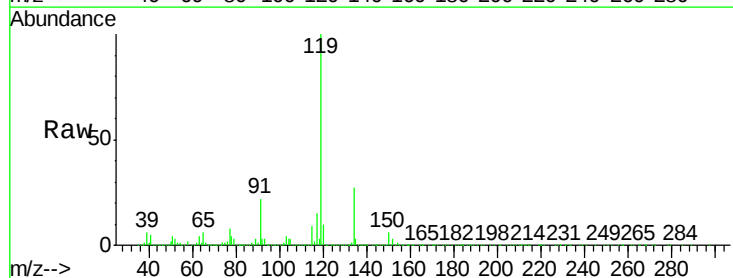
Tgt Ion:119 Resp: 1130663

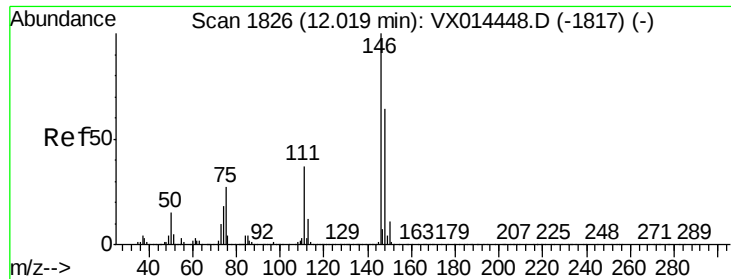
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

91 22.4 11.1 33.3





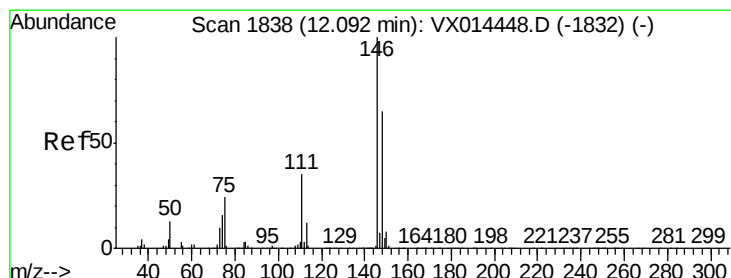
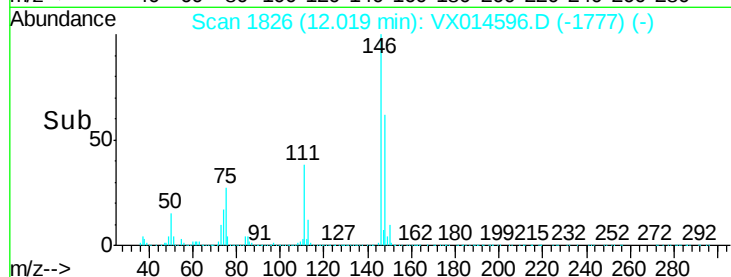
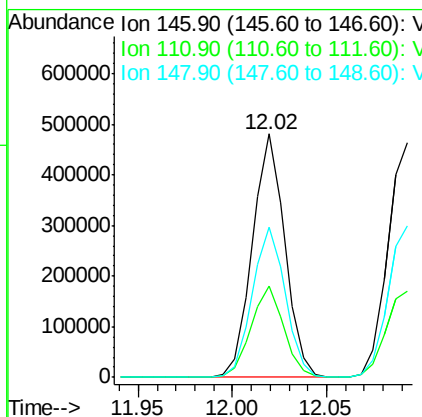
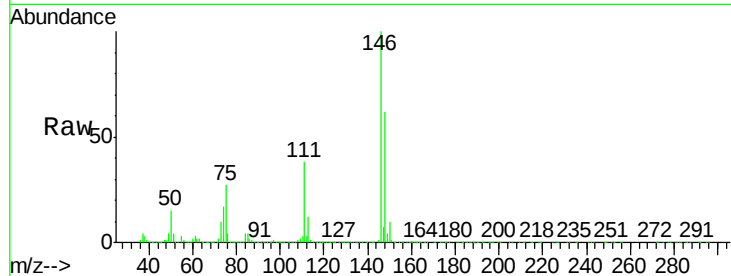
#87
 1,3-Dichlorobenzene
 Concen: 51.200 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014596.D
 Acq: 14 Jan 2020 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.7
148	63.0	32.2	96.6

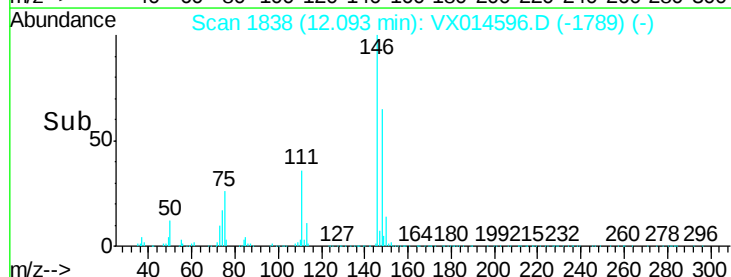
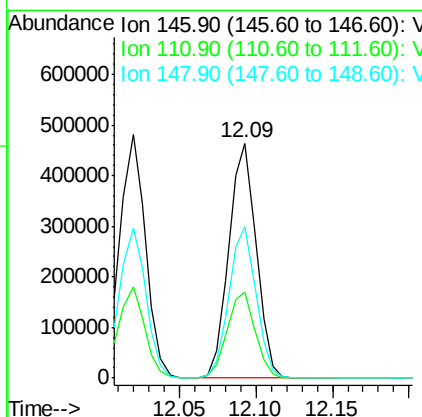
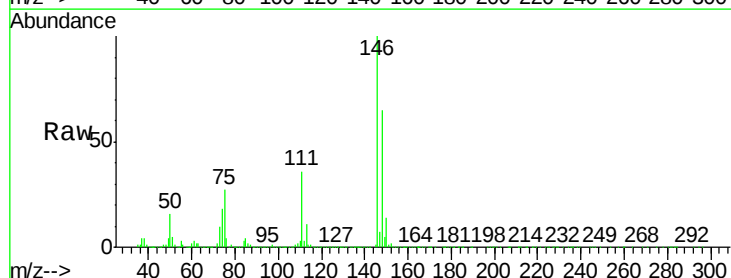
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#88
 1,4-Dichlorobenzene
 Concen: 54.611 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014596.D
 Acq: 14 Jan 2020 09:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	63.9	32.1	96.3





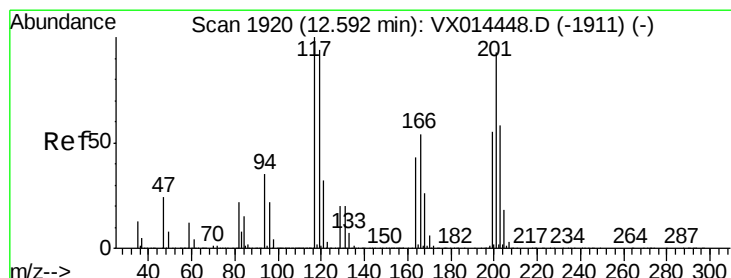
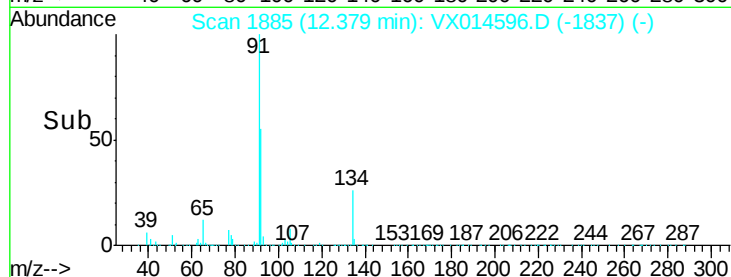
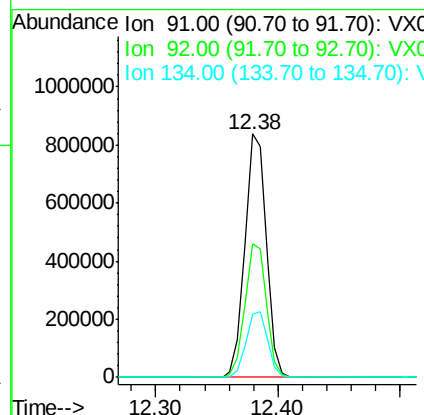
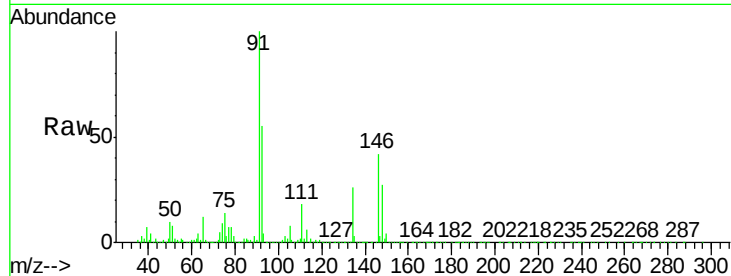
#89
n-Butylbenzene
Concen: 53.906 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1005041
Ion Ratio Lower Upper
91 100
92 54.8 27.4 82.2
134 27.2 13.9 41.7

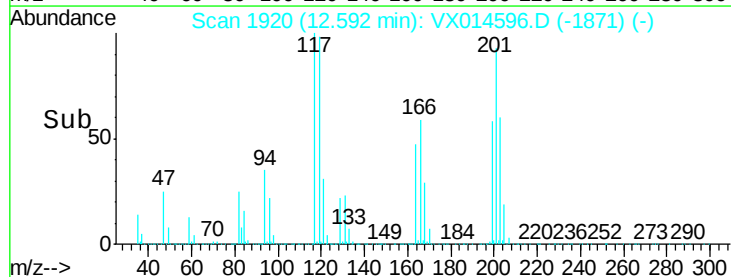
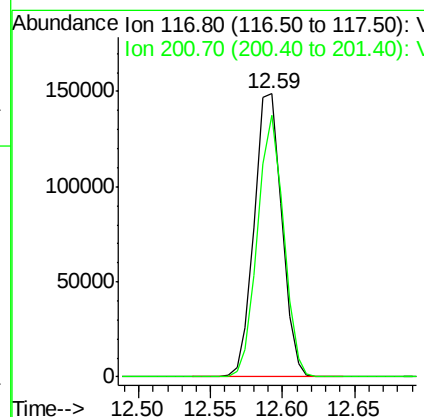
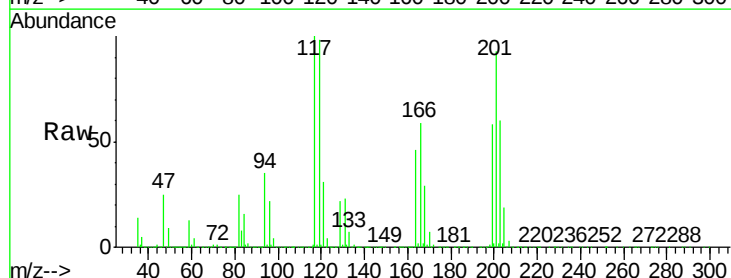
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#90
Hexachloroethane
Concen: 54.774 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion: 117 Resp: 196191
Ion Ratio Lower Upper
117 100
201 87.4 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 51.867 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Instrument :

MSVOA_X

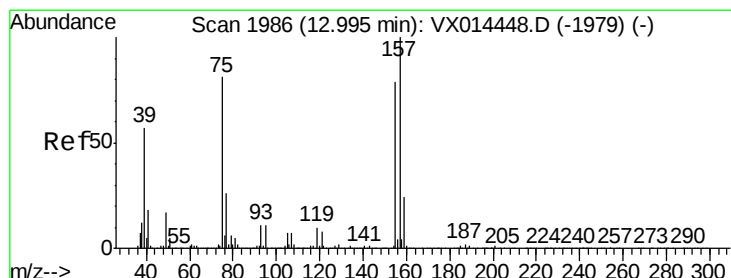
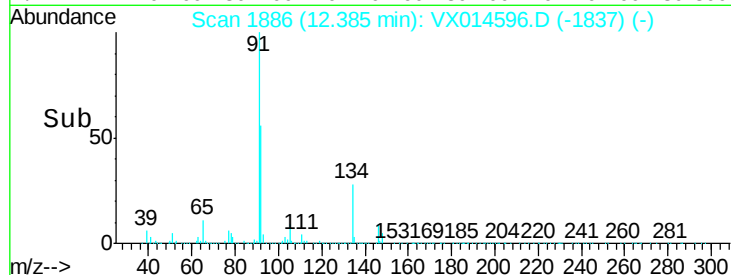
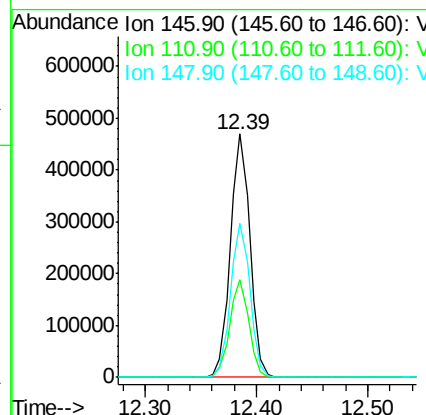
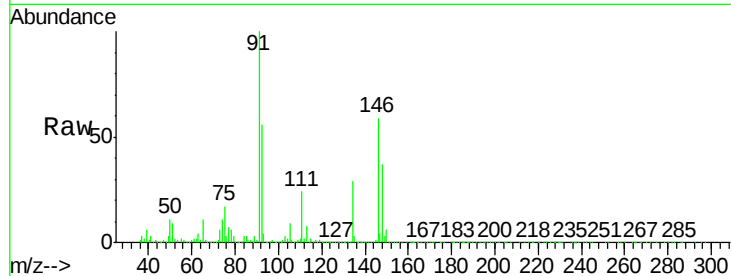
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	569902
Ion Ratio	Lower	Upper	
146	100		
111	39.1	19.8	59.4
148	63.0	32.3	96.8

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.727 ug/l

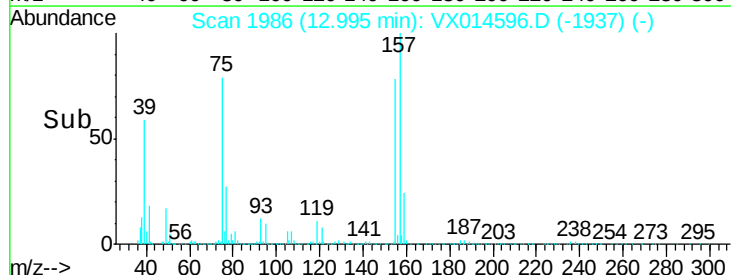
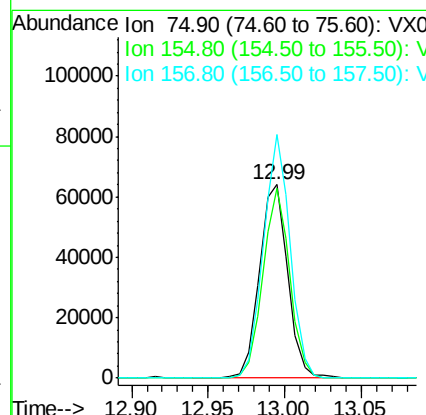
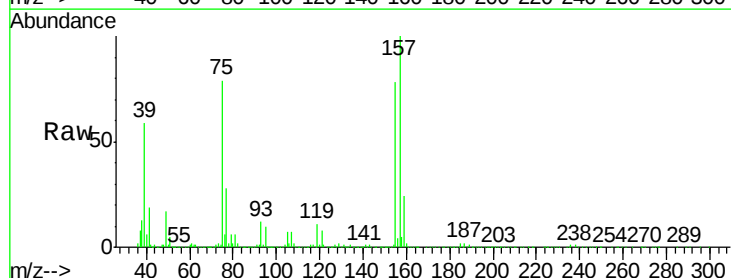
RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014596.D

Acq: 14 Jan 2020 09:38

Tgt Ion:	75	Resp:	82456
Ion Ratio	Lower	Upper	
75	100		
155	93.5	48.7	146.1
157	119.5	62.0	185.9





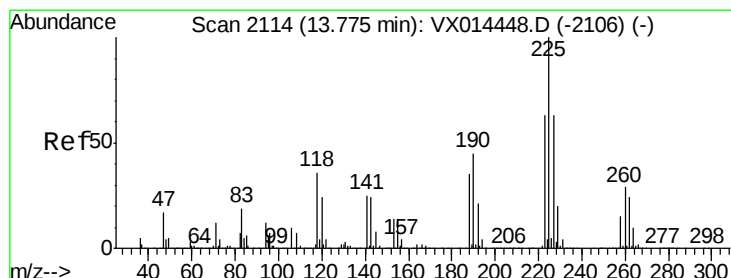
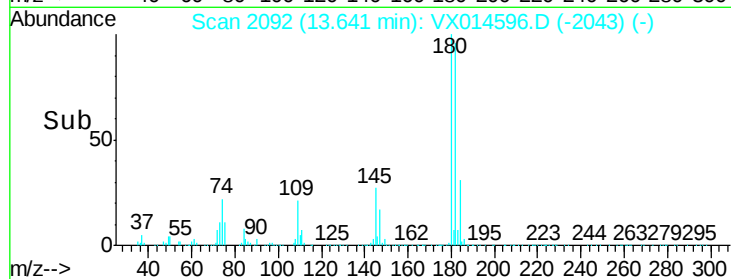
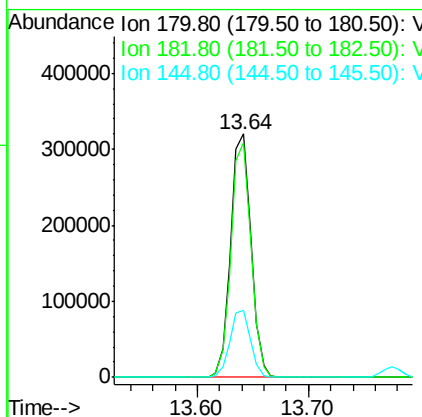
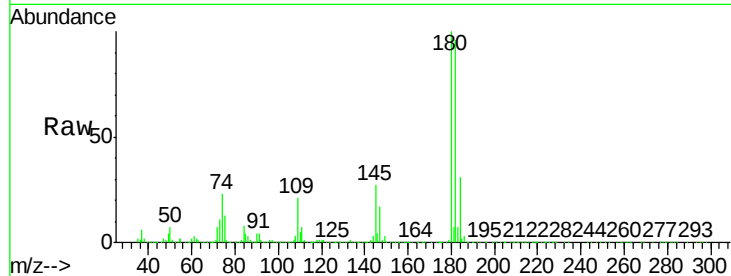
#93
 1,2,4-Trichlorobenzene
 Concen: 52.440 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014596.D
 Acq: 14 Jan 2020 09:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.5	142.5
145	27.7	13.9	41.6

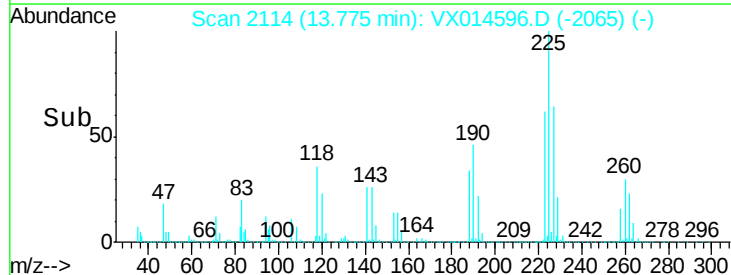
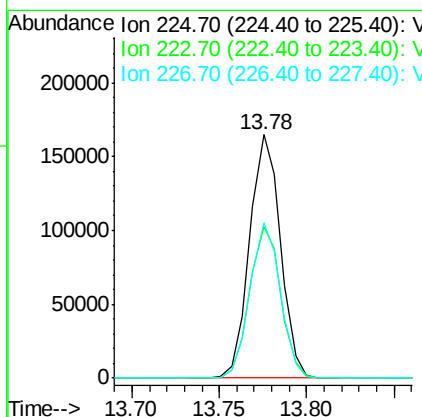
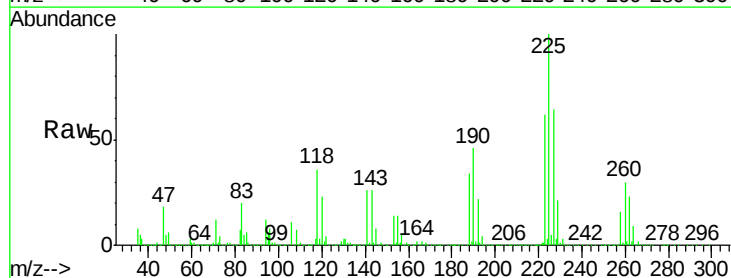
Manual Integrations
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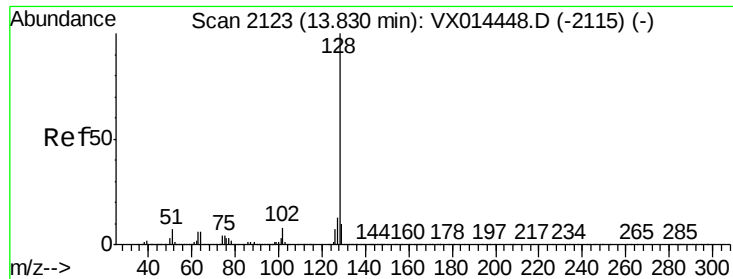
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#94
 Hexachlorobutadiene
 Concen: 55.931 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014596.D
 Acq: 14 Jan 2020 09:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.1	93.2
227	62.9	31.4	94.2





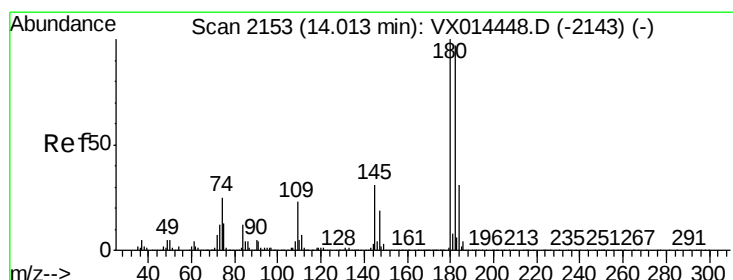
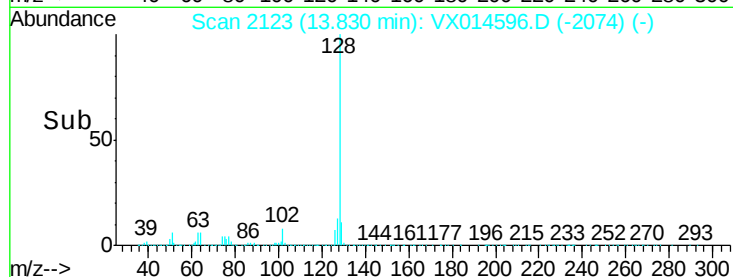
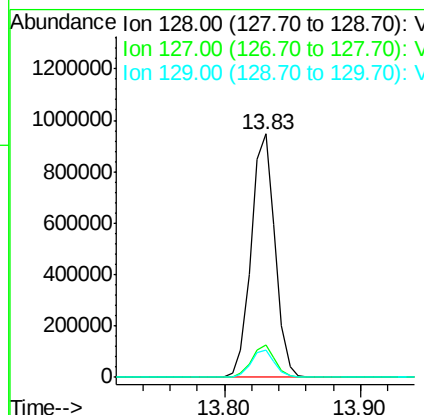
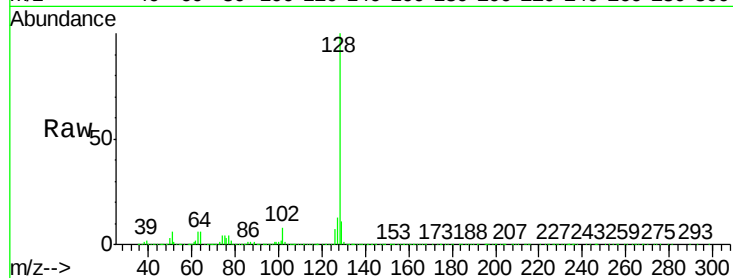
#95
Naphthalene
Concen: 48.521 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/15/2020 10:23:56 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.699 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014596.D
Acq: 14 Jan 2020 09:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.9	143.6
145	30.1	14.8	44.3

