

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012920\
 Data File : VX014762.D
 Acq On : 29 Jan 2020 12:04
 Operator : JC/SP
 Sample : VX0129WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0129WBSD01

Manual Integrations
 APPROVED

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 1/30/2020 10:44:11 AM

Quant Time: Jan 29 23:28:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	424443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	621972	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	577658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	291611	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	240593	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
35) Dibromofluoromethane	5.48	113	195340	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	8.71	98	749729	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.13	95	263022	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	102704	18.367	ug/l	98
3) Chloromethane	1.32	50	103599	18.042	ug/l	100
4) Vinyl Chloride	1.40	62	115585	18.617	ug/l	97
5) Bromomethane	1.64	94	69168	16.402	ug/l	97
6) Chloroethane	1.72	64	67796	18.207	ug/l	97
7) Trichlorofluoromethane	1.92	101	131271	18.159	ug/l	98
8) Diethyl Ether	2.18	74	60210	19.082	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	79179	18.658	ug/l	98
10) Methyl Iodide	2.50	142	95666	17.180	ug/l	97
11) Tert butyl alcohol	3.02	59	94539	84.957	ug/l	97
12) 1,1-Dichloroethene	2.37	96	75392	17.868	ug/l	97
13) Acrolein	2.28	56	66000	75.222	ug/l	98
14) Allyl chloride	2.72	41	139272	18.364	ug/l	99
15) Acrylonitrile	3.12	53	232602	90.341	ug/l	100
16) Acetone	2.43	43	225758	83.207	ug/l	98
17) Carbon Disulfide	2.56	76	194659	16.880	ug/l	99
18) Methyl Acetate	2.76	43	144005	18.572	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	262942	19.026	ug/l	99
20) Methylene Chloride	2.85	84	92986	18.499	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	81314	17.503	ug/l	98
22) Diisopropyl ether	3.84	45	287208	19.035	ug/l	89
23) Vinyl Acetate	3.80	43	1076788	93.617	ug/l	99
24) 1,1-Dichloroethane	3.69	63	150604	18.379	ug/l	100
25) 2-Butanone	4.65	43	336441	86.443	ug/l	99
26) 2,2-Dichloropropane	4.57	77	117539	17.921	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	94351	18.146	ug/l	99
28) Bromochloromethane	5.00	49	71732	19.921	ug/l	98
29) Tetrahydrofuran	5.11	42	210256	91.020	ug/l	100
30) Chloroform	5.20	83	148933	18.347	ug/l	97
31) Cyclohexane	5.56	56	135947	17.639	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	125086	18.230	ug/l	99
36) 1,1-Dichloropropene	5.79	75	111181	19.238	ug/l	99
37) Ethyl Acetate	4.81	43	128714	19.445	ug/l	99
38) Carbon Tetrachloride	5.77	117	106015	19.207	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	137675	19.015	ug/l	94
40) Benzene	6.13	78	343719	19.248	ug/l	100
41) Methacrylonitrile	5.02	41	73170	19.219	ug/l	97
42) 1,2-Dichloroethane	6.18	62	124524	20.194	ug/l	98
43) Isopropyl Acetate	6.43	43	206984	19.096	ug/l	99
44) Trichloroethene	7.20	130	94862	18.807	ug/l	90
45) 1,2-Dichloropropane	7.50	63	90797	19.737	ug/l	100
46) Dibromomethane	7.65	93	59224	19.877	ug/l	98
47) Bromodichloromethane	7.89	83	115478	19.761	ug/l	98
48) Methyl methacrylate	7.76	41	102117	19.717	ug/l	99
49) 1,4-Dioxane	7.73	88	41426	377.345	ug/l #	94
51) 4-Methyl-2-Pentanone	8.63	43	647087	94.586	ug/l	100
52) Toluene	8.78	92	214738	19.563	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	125480	19.942	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	140536	20.303	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	90598	20.159	ug/l	97
56) Ethyl methacrylate	9.17	69	135744	18.965	ug/l	99
57) 1,3-Dichloropropane	9.36	76	154314	20.086	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	233275	103.212	ug/l	100
59) 2-Hexanone	9.48	43	506046	95.323	ug/l	99
60) Dibromochloromethane	9.57	129	91066	19.413	ug/l	100
61) 1,2-Dibromoethane	9.67	107	93283	19.632	ug/l	99
64) Tetrachloroethene	9.33	164	107820	18.856	ug/l	98
65) Chlorobenzene	10.13	112	235505	19.060	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	87429	19.191	ug/l	99
67) Ethyl Benzene	10.25	91	407625	19.321	ug/l	100
68) m/p-Xylenes	10.35	106	313391	39.210	ug/l	100
69) o-Xylene	10.70	106	149012	19.312	ug/l	98
70) Styrene	10.71	104	255715	19.756	ug/l	99
71) Bromoform	10.85	173	67536	18.642	ug/l #	99
73) Isopropylbenzene	11.01	105	401913	19.602	ug/l	98
74) N-amyl acetate	10.89	43	169933	18.913	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	131994	18.030	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	113477m	16.726	ug/l	
77) Bromobenzene	11.25	156	104269	18.929	ug/l	98
78) n-propylbenzene	11.35	91	451596	19.403	ug/l	100
79) 2-Chlorotoluene	11.42	91	271787	19.300	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	335172	19.695	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	40283	16.897	ug/l	92
82) 4-Chlorotoluene	11.51	91	311167	19.409	ug/l	100
83) tert-Butylbenzene	11.76	119	312769	19.559	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	333645	19.546	ug/l	99
85) sec-Butylbenzene	11.94	105	387336	19.772	ug/l	99
86) p-Isopropyltoluene	12.06	119	356409	19.686	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	186118	18.801	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	185324	18.689	ug/l	98
89) n-Butylbenzene	12.39	91	298093	18.905	ug/l	99
90) Hexachloroethane	12.59	117	60636	18.032	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	186239	18.942	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27335	17.379	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0129WBSD01

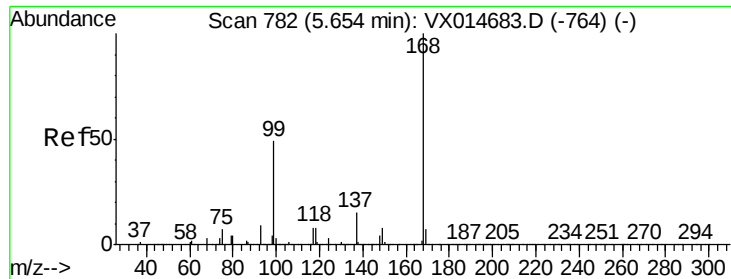
Manual Integrations
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 1/30/2020 10:44:11 AM

Quant Time: Jan 29 23:28:45 2020
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 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	123542	19.489	ug/l	99
94) Hexachlorobutadiene	13.78	225	61909	18.975	ug/l	97
95) Naphthalene	13.83	128	362730	18.346	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	126644	19.758	ug/l	98

(#) = 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: VX014762.D

Acq: 29 Jan 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBSD01

Tot Ion:168 Resp: 424443

Ion Ratio Lower Upper

168 100

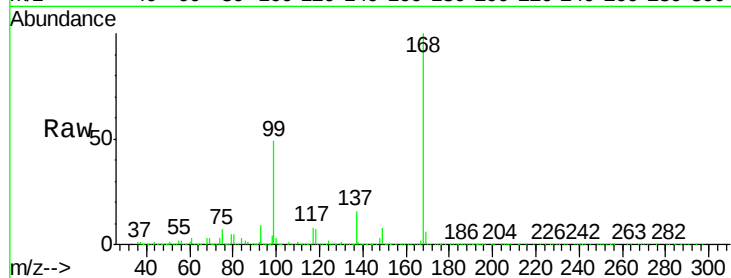
99 49.0 39.8 59.6

Manual Integrations

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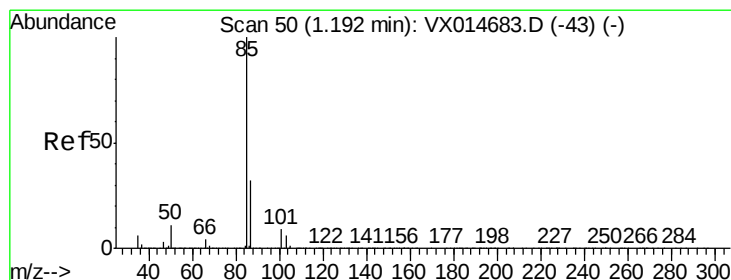
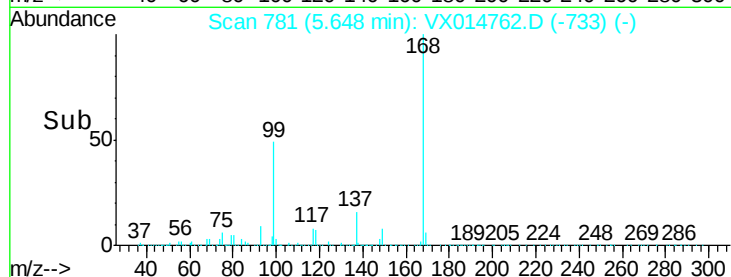
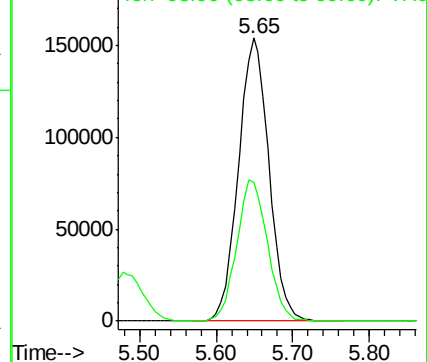
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.367 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014762.D

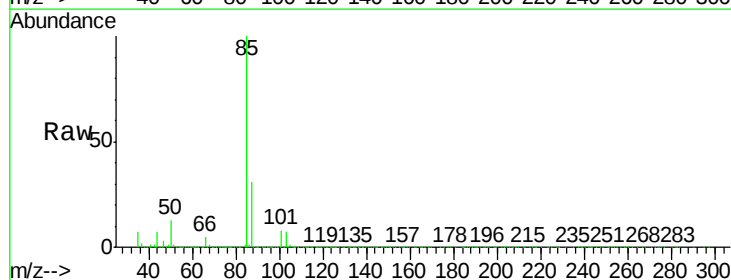
Acq: 29 Jan 2020 12:04

Tgt Ion: 85 Resp: 102704

Ion Ratio Lower Upper

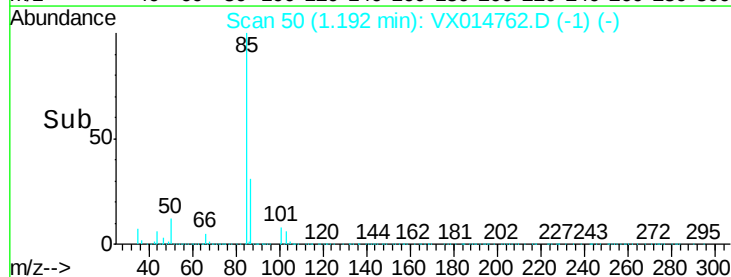
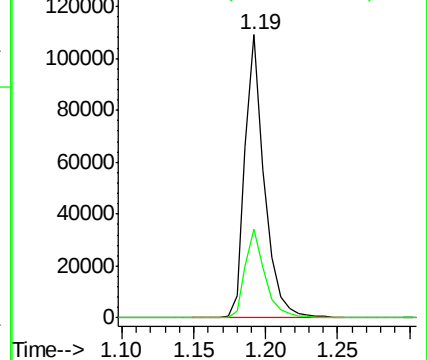
85 100

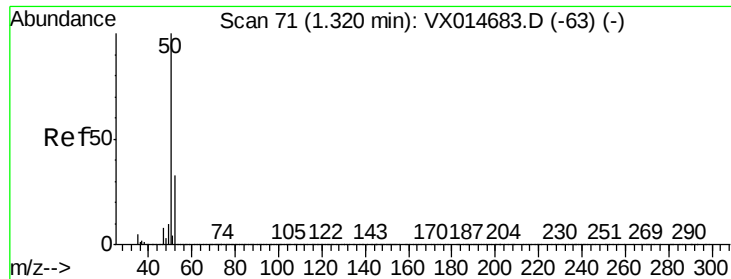
87 31.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





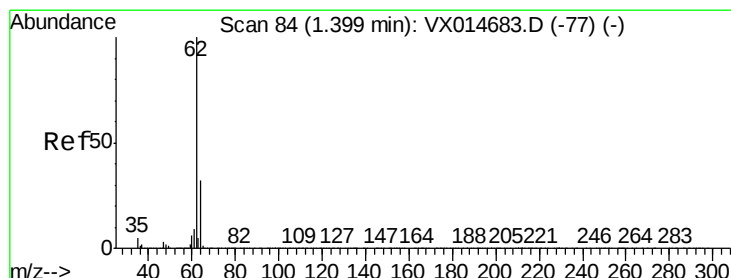
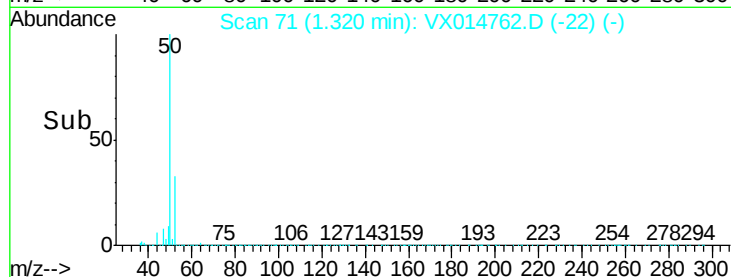
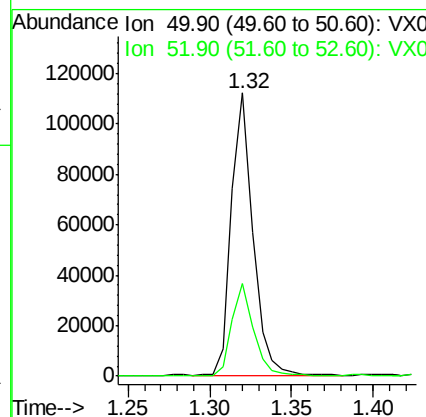
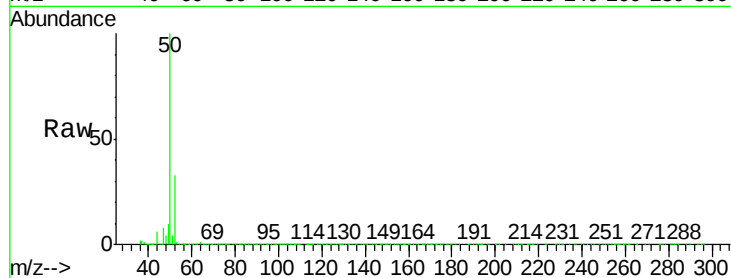
#3
Chloromethane
Concen: 18.042 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBSD01

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.8	26.2	39.2

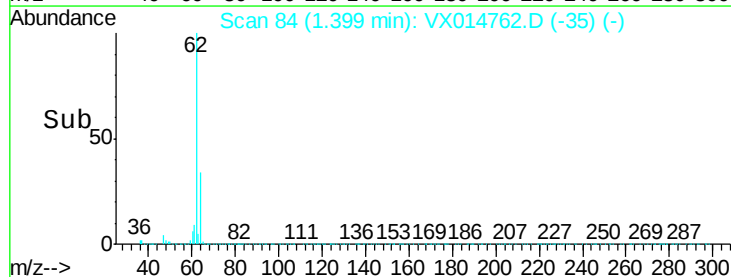
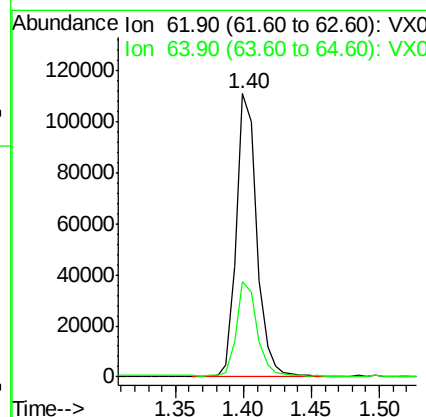
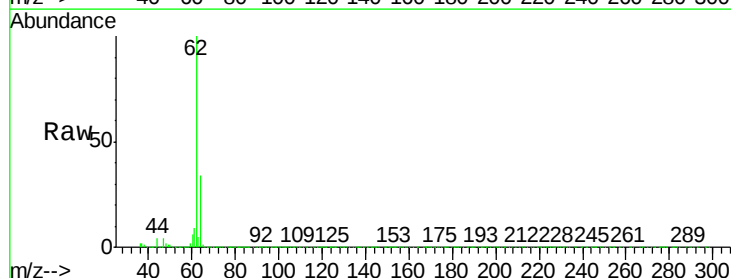
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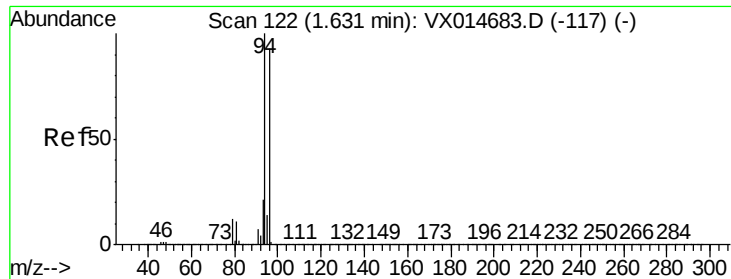
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#4
Vinyl Chloride
Concen: 18.617 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Tgt Ion	Ratio	Lower	Upper
62	100		
64	33.6	25.4	38.2





#5

Bromomethane

Concen: 16.402 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBSD01

Tot Ion: 94 Resp: 69168

Ion Ratio Lower Upper

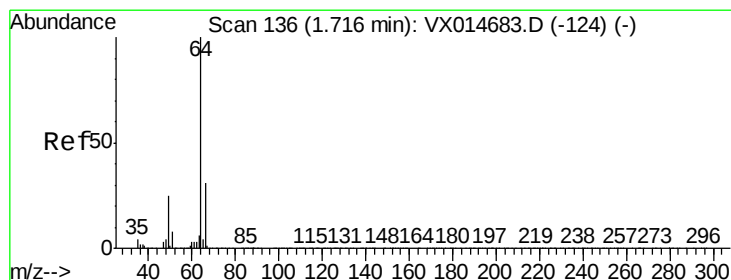
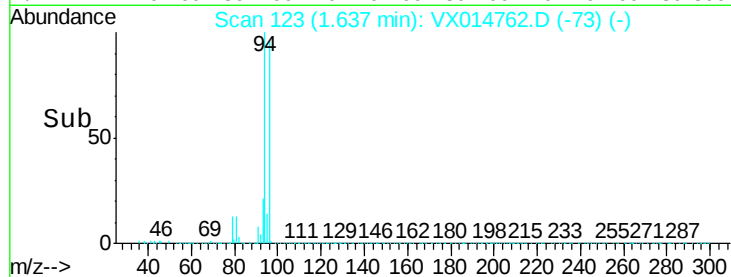
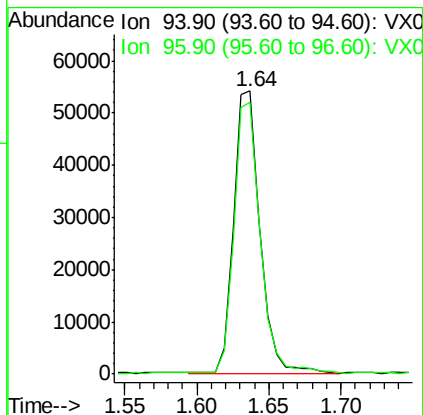
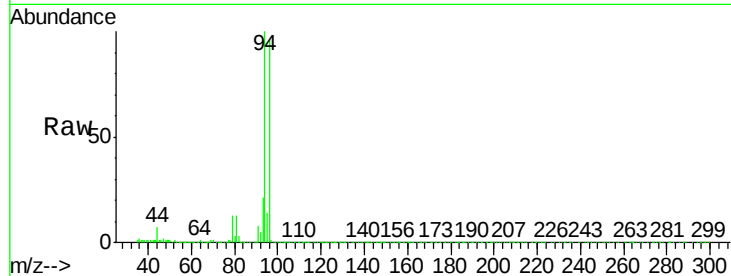
94 100

96 96.0 74.7 112.1

Manual Integrations
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#6

Chloroethane

Concen: 18.207 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014762.D

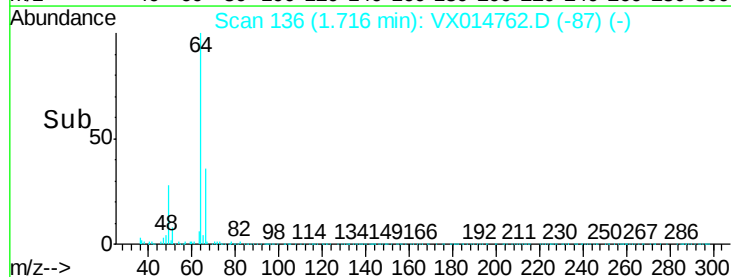
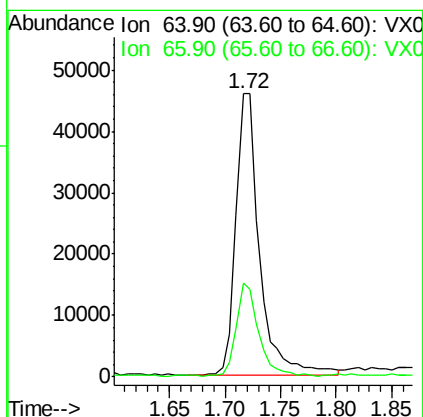
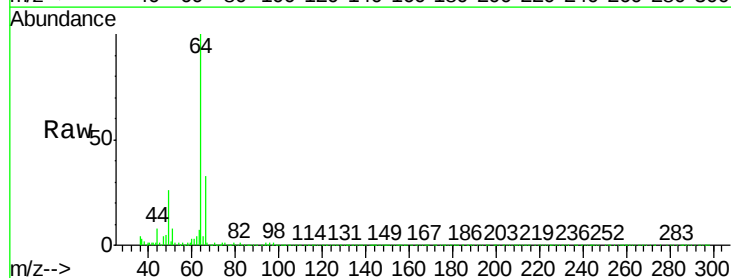
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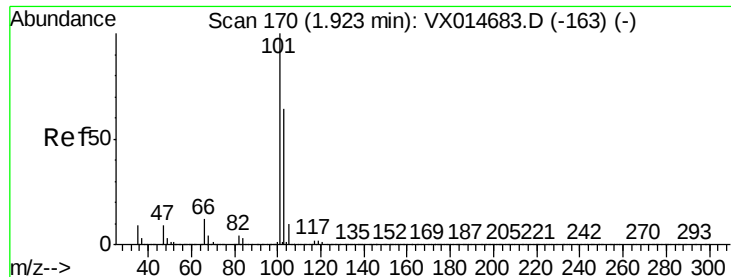
Tgt Ion: 64 Resp: 67796

Ion Ratio Lower Upper

64 100

66 32.9 25.2 37.8





#7

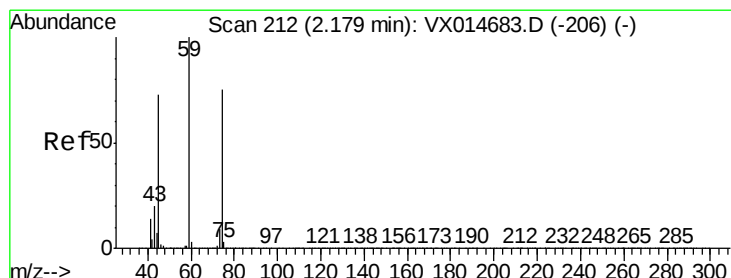
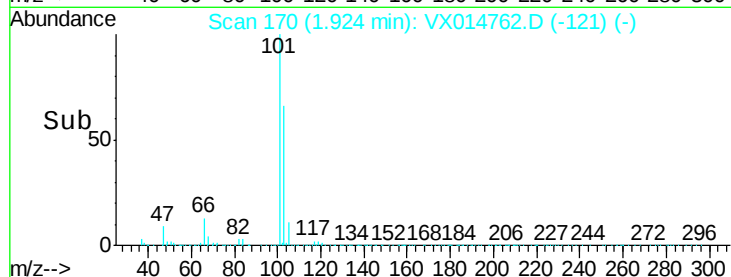
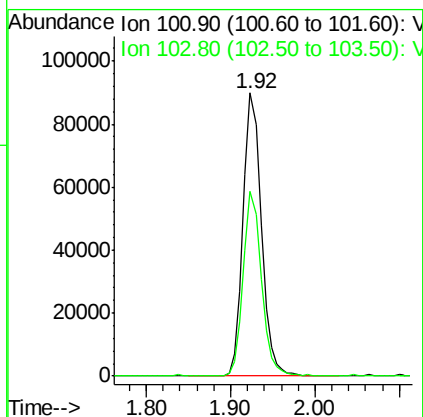
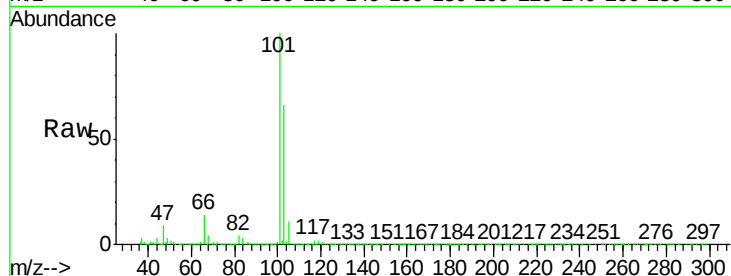
Trichlorofluoromethane
Concen: 18.159 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.0	76.6

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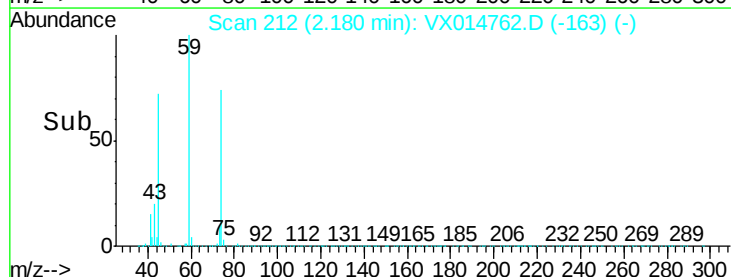
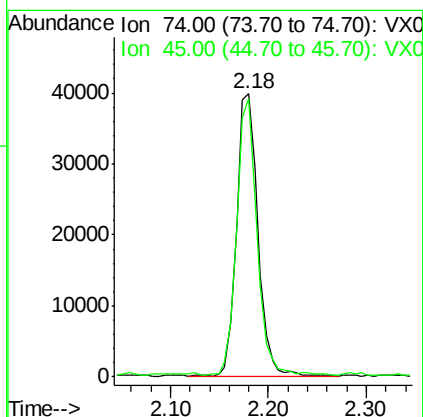
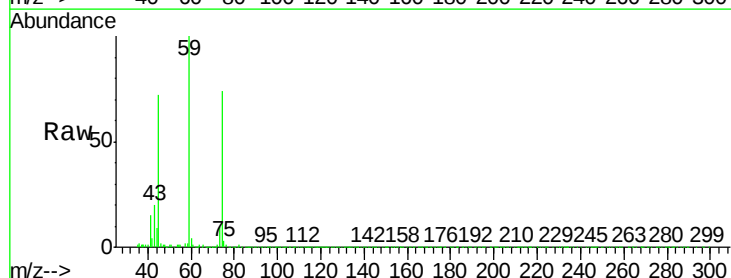
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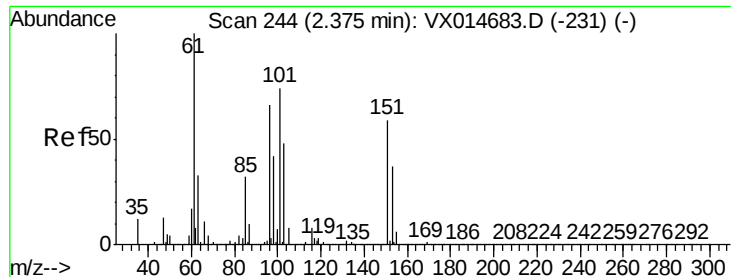


#8

Diethyl Ether
Concen: 19.082 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.2	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.658 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Instrument :

MSVOA_X

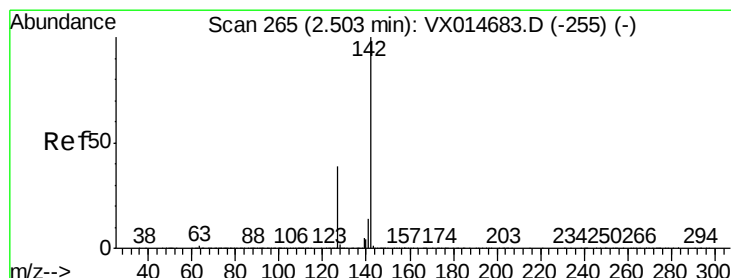
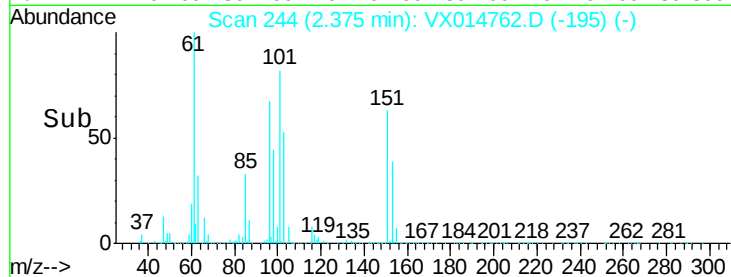
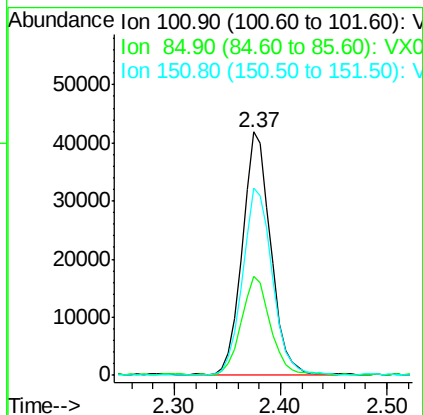
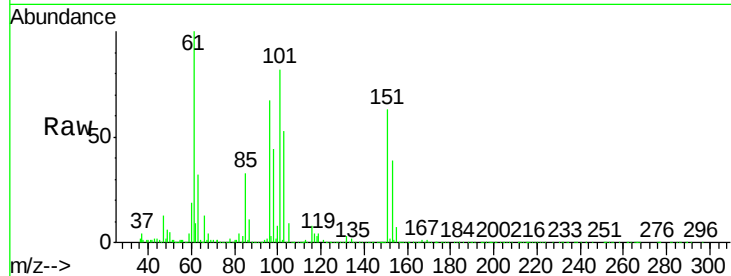
ClientSampleId :

VX0129WBSD01

Tot Ion:	101	Resp:	79179
Ion Ratio	Lower	Upper	
101	100		
85	40.5	34.7	52.1
151	79.7	64.7	97.1

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#10

Methyl Iodide

Concen: 17.180 ug/l

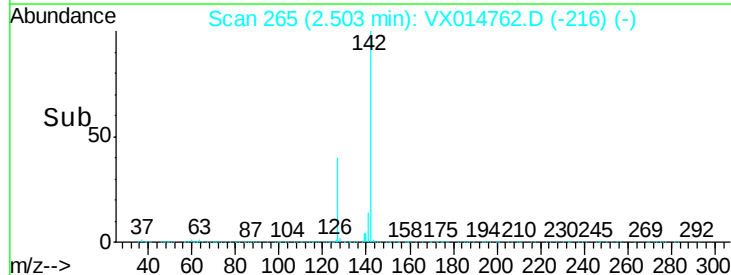
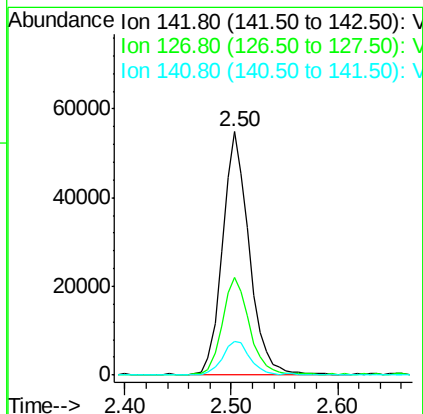
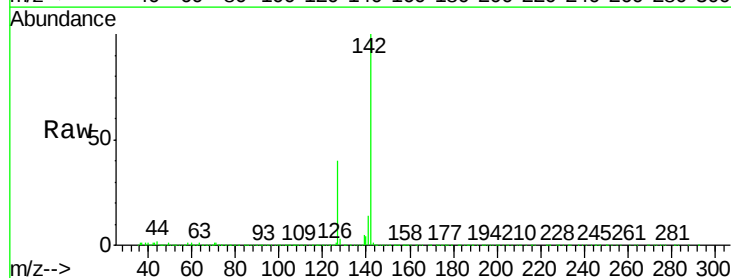
RT: 2.50 min Scan# 265

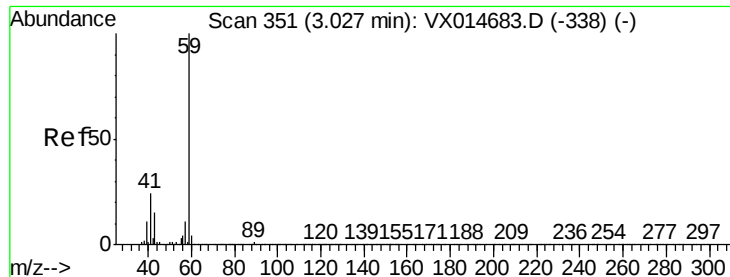
Delta R.T. 0.00 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Tgt Ion:	142	Resp:	95666
Ion Ratio	Lower	Upper	
142	100		
127	41.3	31.1	46.7
141	14.7	11.3	16.9





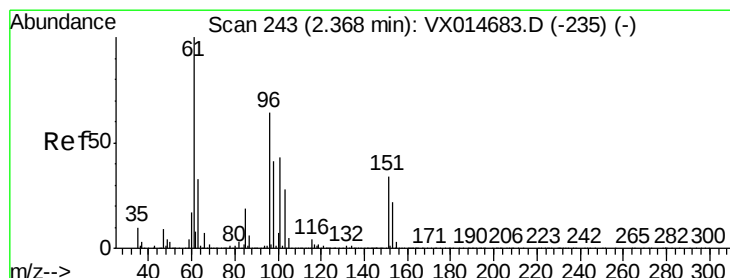
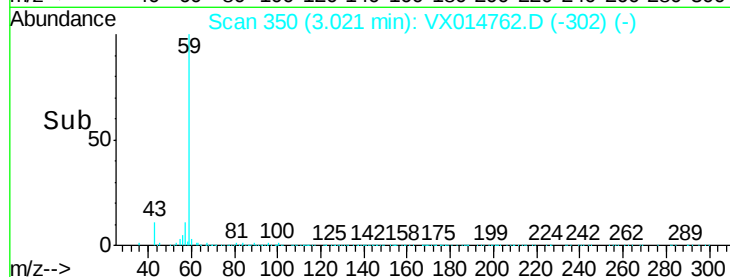
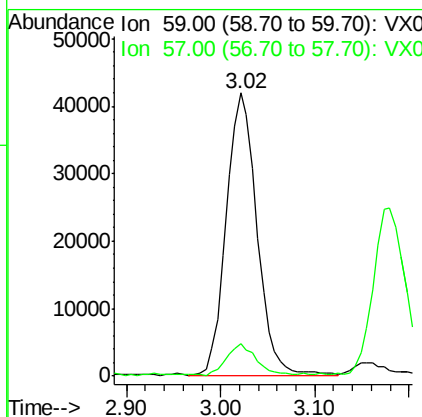
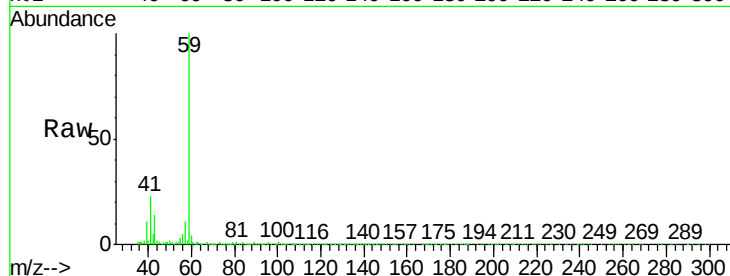
#11
Tert butyl alcohol
Concen: 84.957 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.5	8.3	12.5

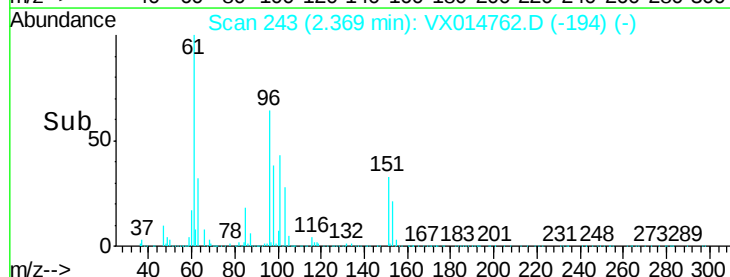
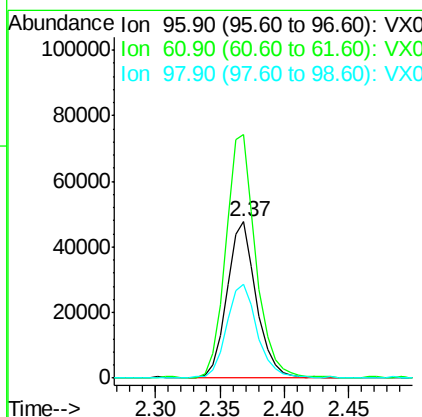
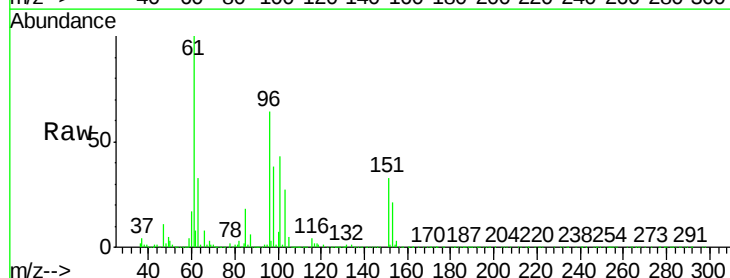
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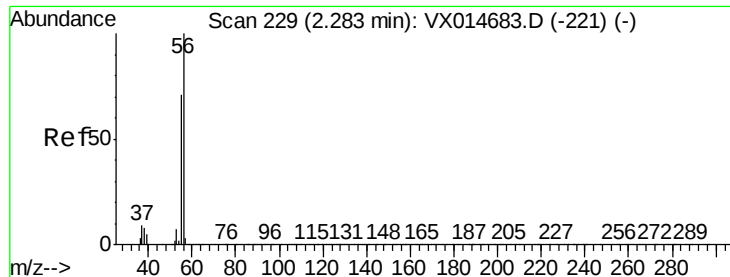
MMDadoda
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#12
1,1-Dichloroethene
Concen: 17.868 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.8	125.8	188.8
98	59.7	51.5	77.3





#13

Acrolein

Concen: 75.222 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBSD01

Tot Ion: 56 Resp: 66000

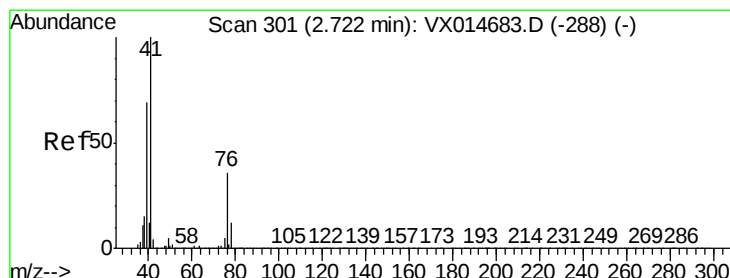
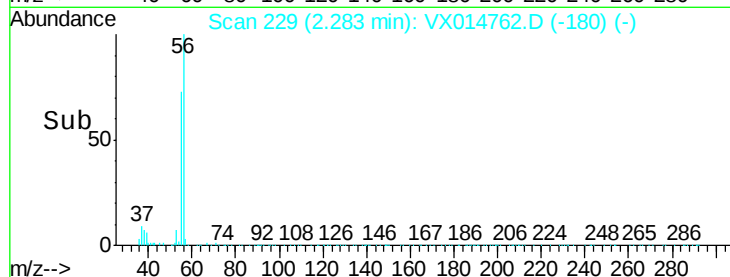
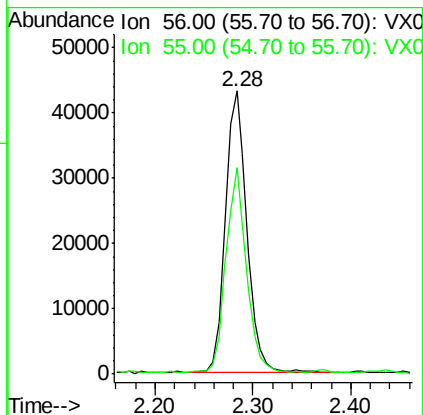
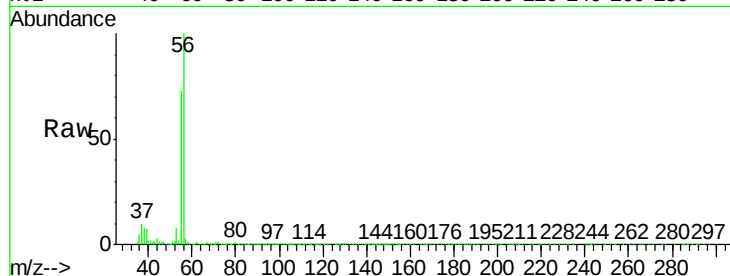
Ion Ratio Lower Upper

56 100

55 69.5 56.6 84.8

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#14

Allyl chloride

Concen: 18.364 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

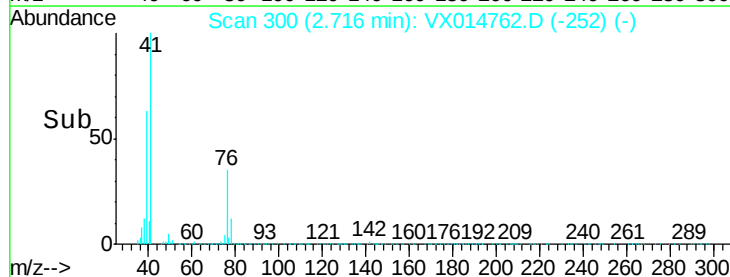
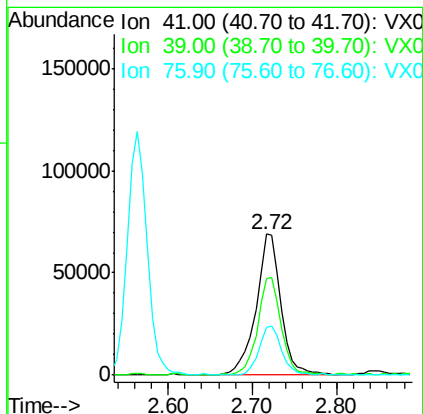
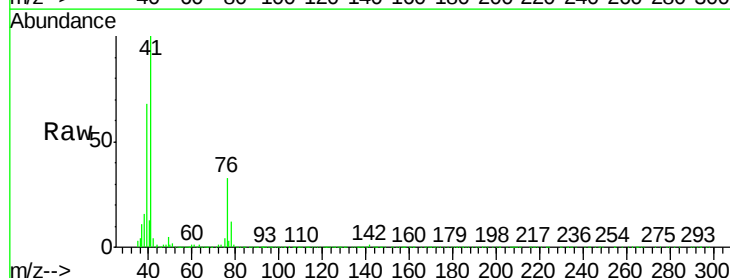
Tgt Ion: 41 Resp: 139272

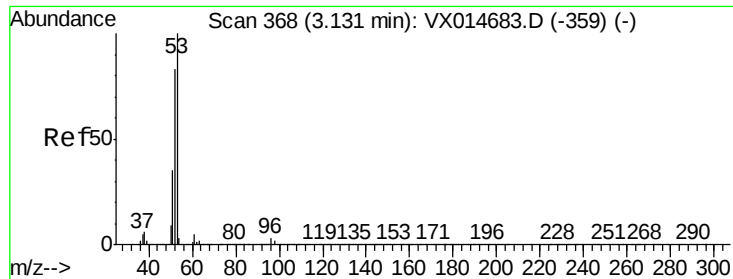
Ion Ratio Lower Upper

41 100

39 64.5 52.0 78.0

76 31.3 26.0 39.0





#15

Acrylonitrile

Concen: 90.341 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Instrument :

MSVOA_X

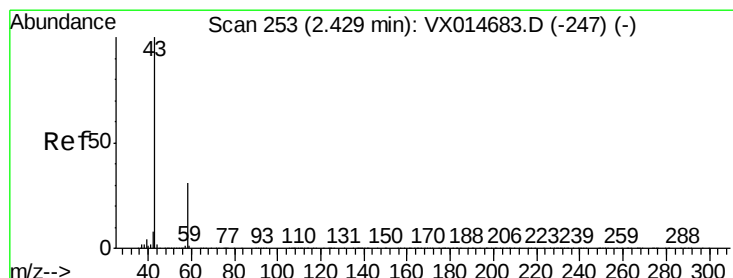
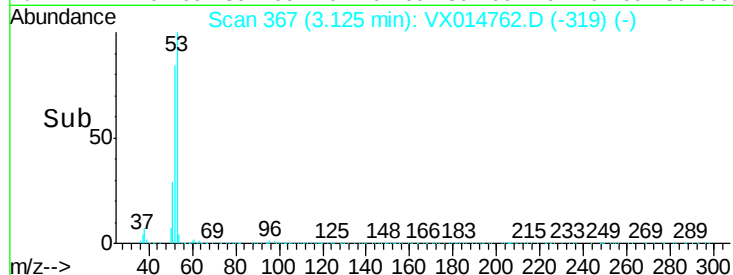
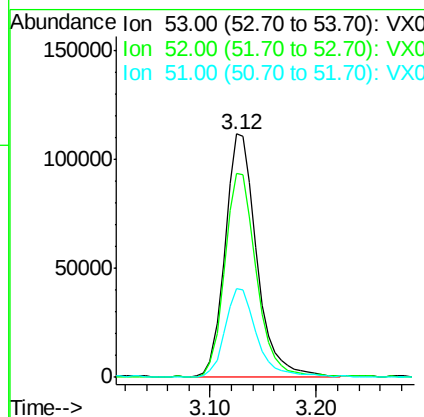
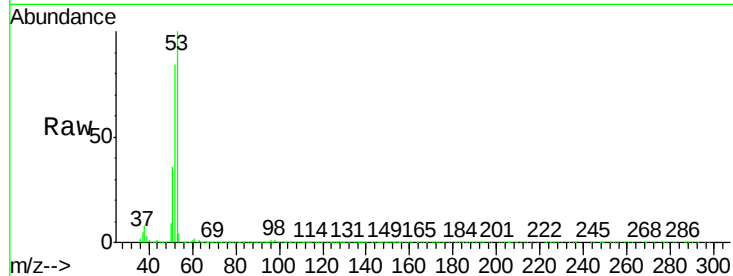
ClientSampleId :

VX0129WBSD01

Tot Ion:	53	Resp:	232602
Ion Ratio		Lower	Upper
53	100		
52	83.5	66.4	99.6
51	36.0	28.7	43.1

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#16

Acetone

Concen: 83.207 ug/l

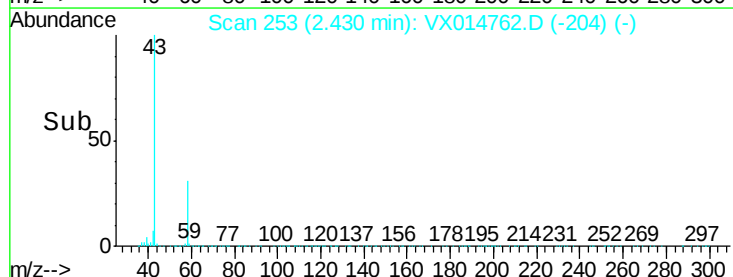
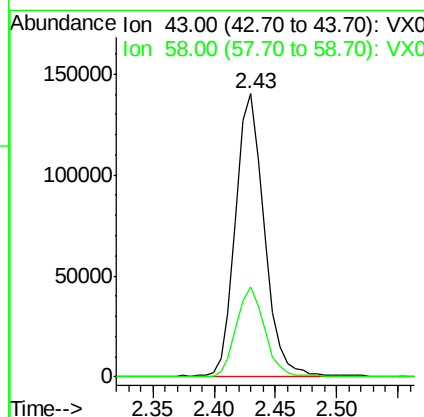
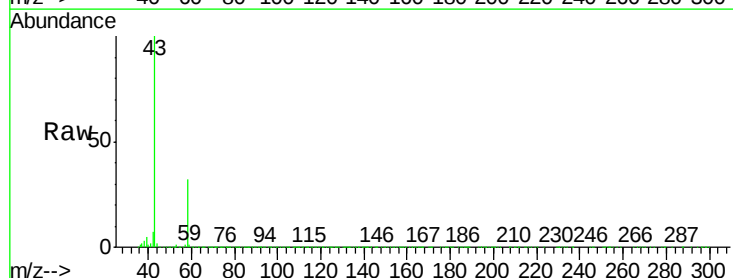
RT: 2.43 min Scan# 253

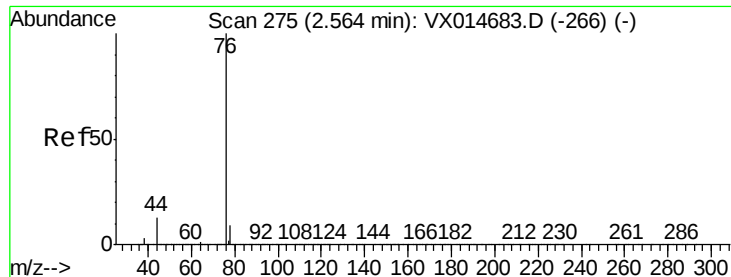
Delta R.T. 0.00 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Tgt Ion:	43	Resp:	225758
Ion Ratio		Lower	Upper
43	100		
58	31.5	24.5	36.7





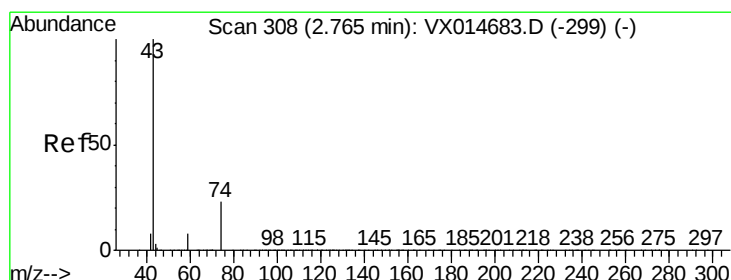
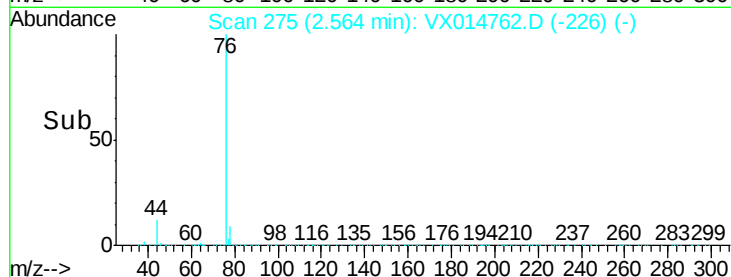
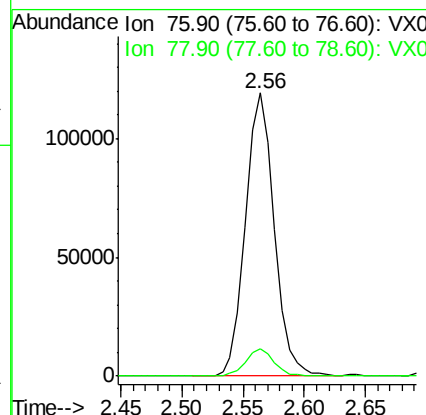
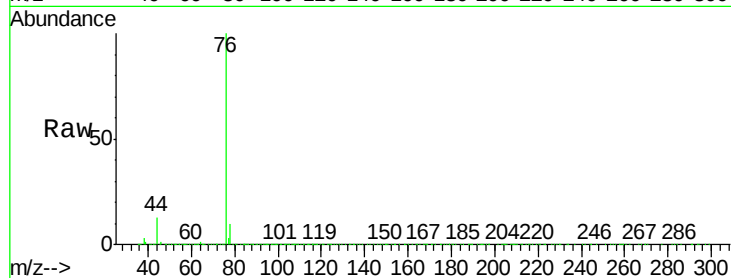
#17
Carbon Disulfide
Concen: 16.880 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

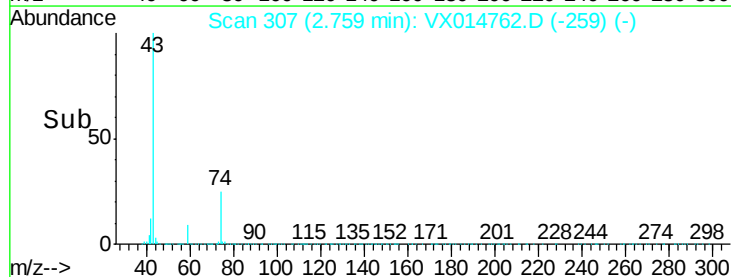
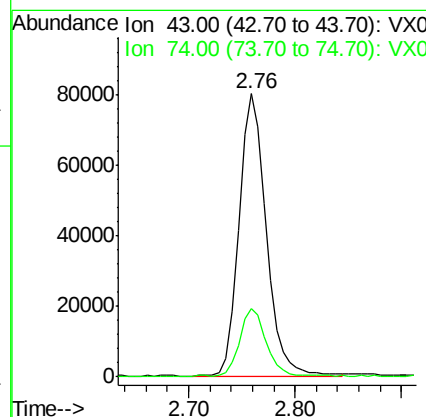
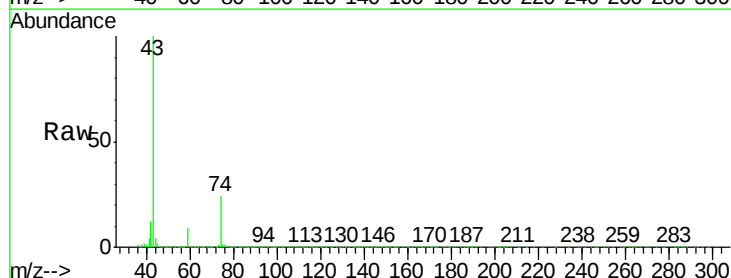
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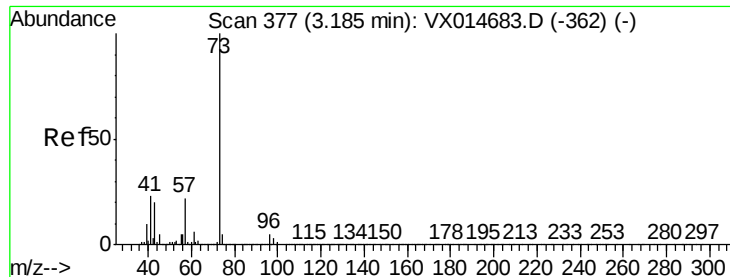
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#18
Methyl Acetate
Concen: 18.572 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.5	27.7





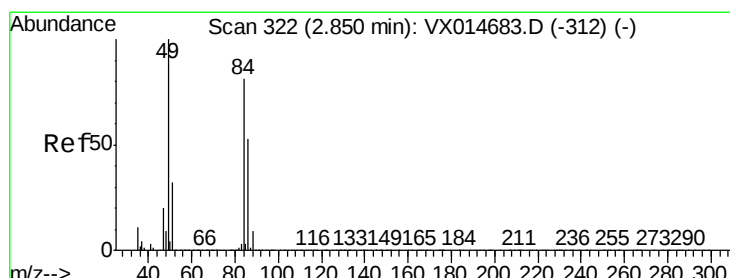
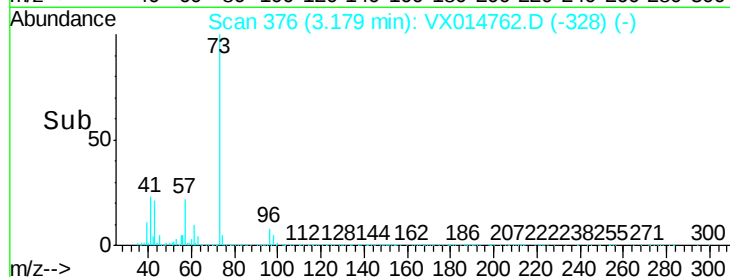
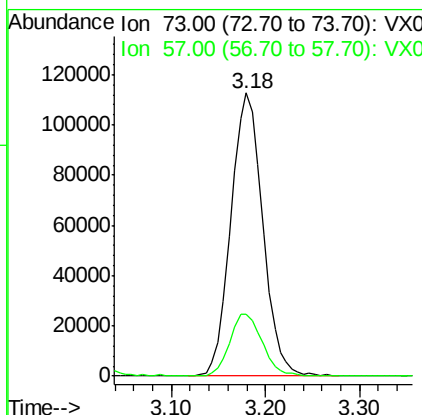
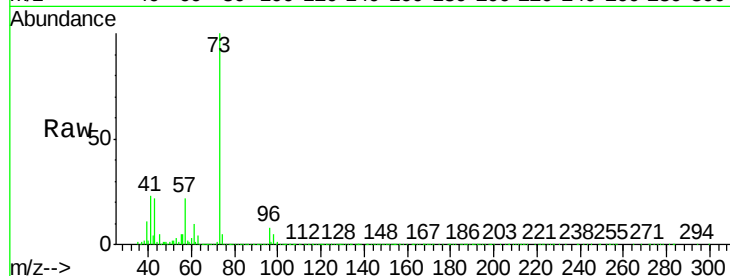
#19
Methyl tert-butyl Ether
Concen: 19.026 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	18.0	27.0

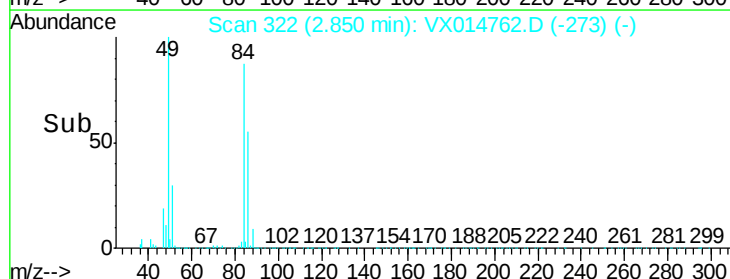
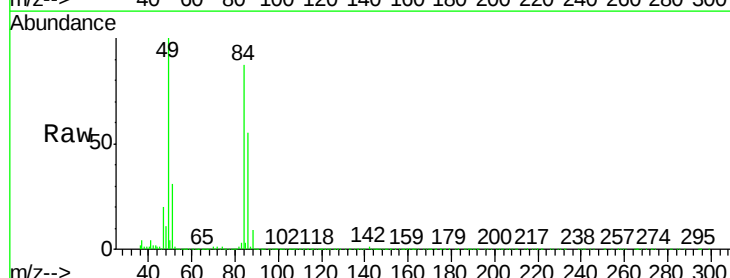
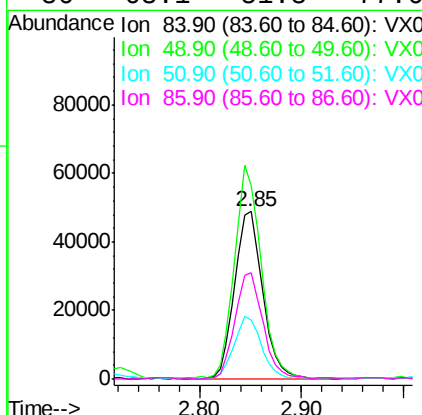
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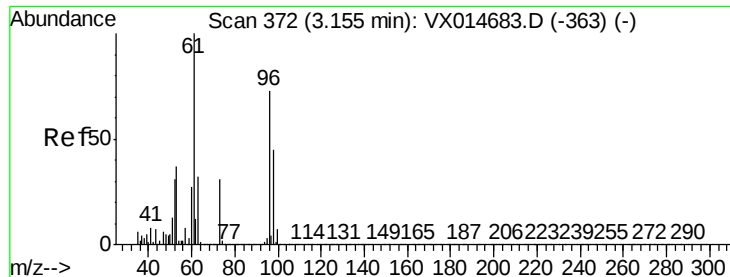
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#20
Methylene Chloride
Concen: 18.499 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.9	98.2	147.4
51	35.0	31.3	46.9
86	63.1	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 17.503 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Instrument :

MSVOA_X

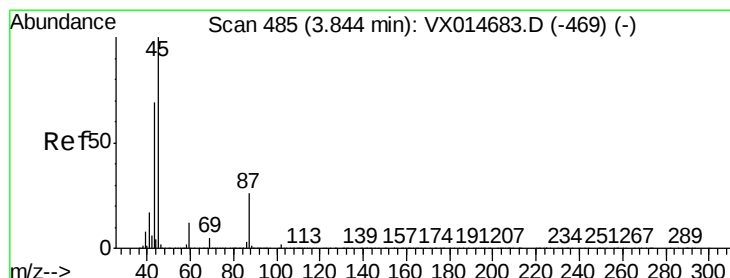
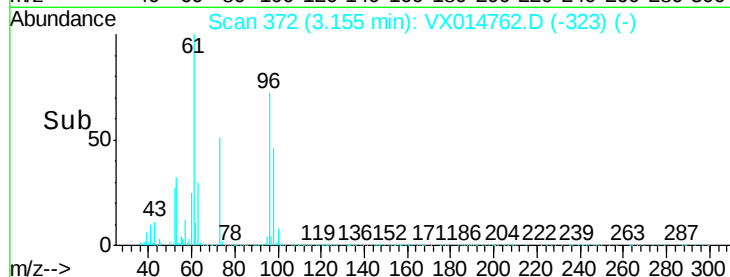
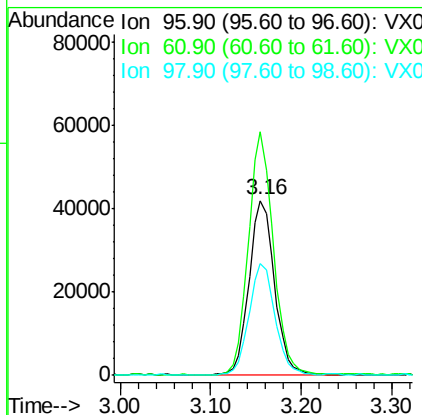
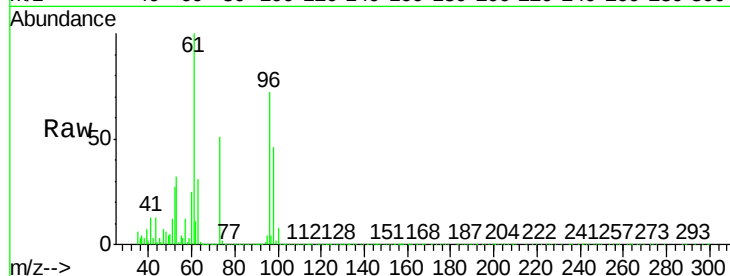
ClientSampleId :

VX0129WBSD01

Tot Ion:	96	Resp:	81314
Ion Ratio	Lower	Upper	
96	100		
61	139.0	109.8	164.6
98	63.7	49.6	74.4

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#22

Diisopropyl ether

Concen: 19.035 ug/l

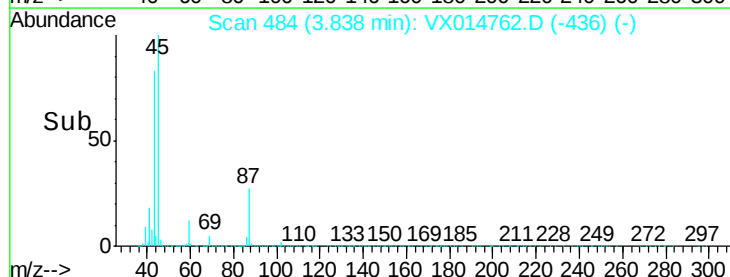
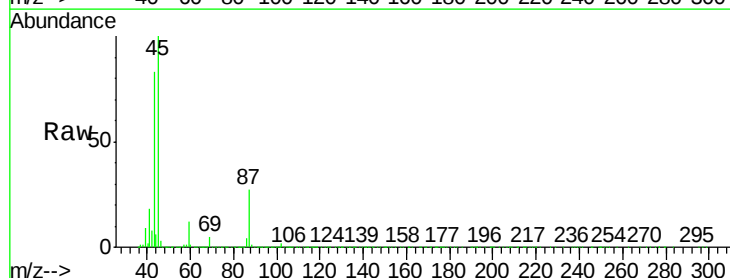
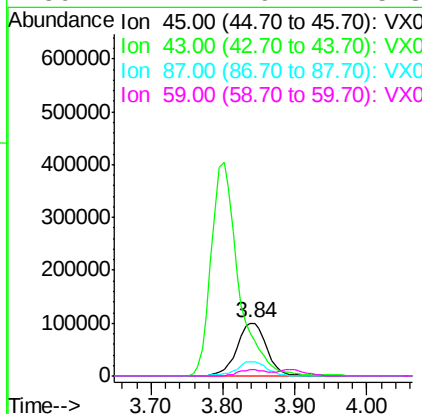
RT: 3.84 min Scan# 484

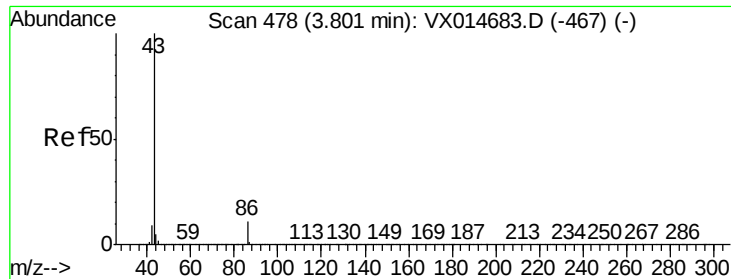
Delta R.T. -0.01 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Tgt Ion:	45	Resp:	287208
Ion Ratio	Lower	Upper	
45	100		
43	81.6	55.1	82.7
87	27.1	20.7	31.1
59	12.1	9.2	13.8





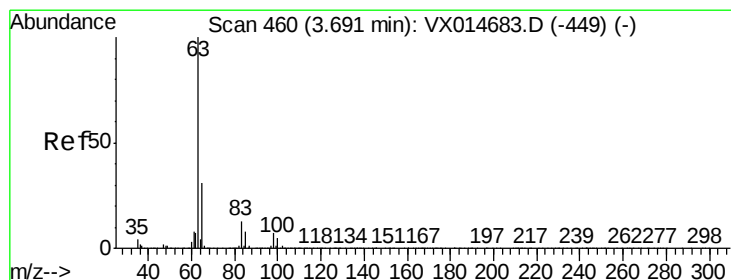
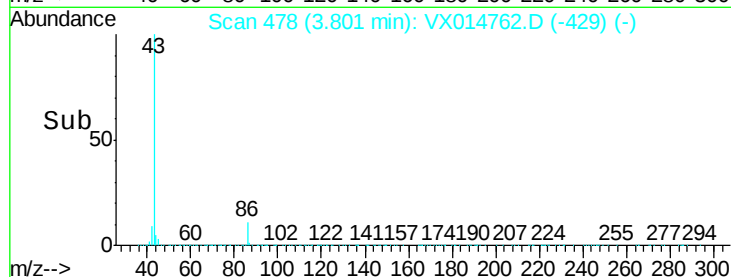
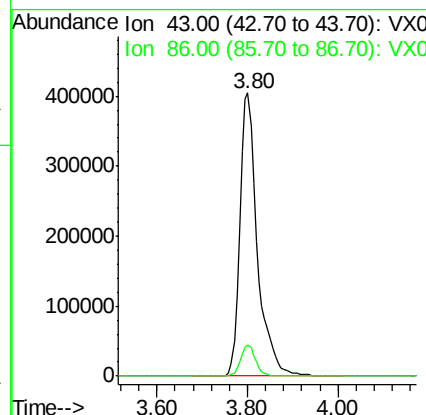
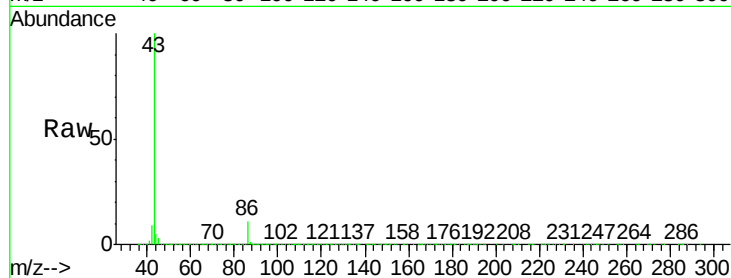
#23
 Vinyl Acetate
 Concen: 93.617 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX014762.D
 Acq: 29 Jan 2020 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0129WBSD01

Tot Ion: 43 Resp: 1076788
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.4 12.6

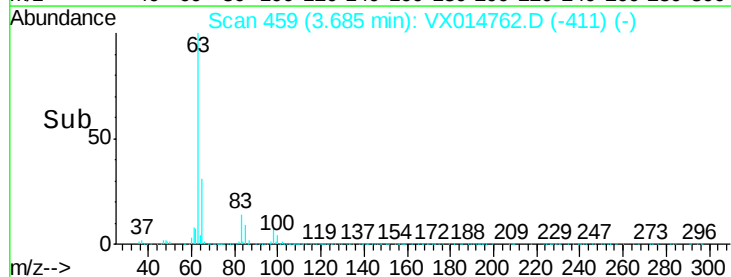
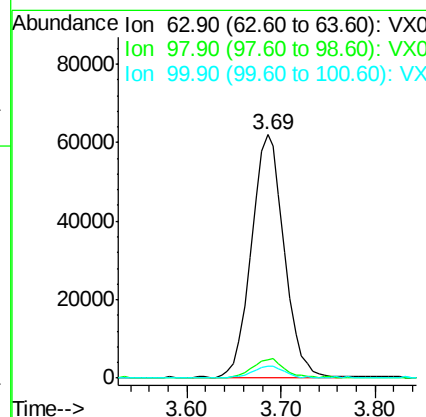
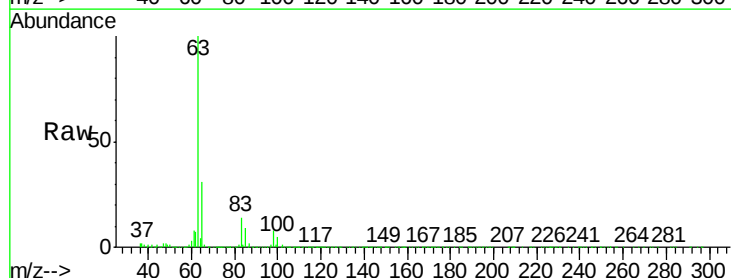
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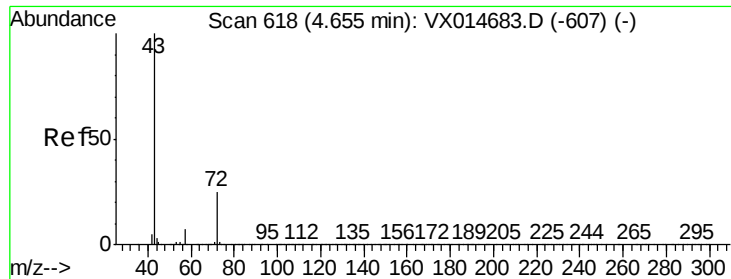
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#24
 1,1-Dichloroethane
 Concen: 18.379 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: VX014762.D
 Acq: 29 Jan 2020 12:04

Tgt Ion: 63 Resp: 150604
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.5 2.2 6.6





#25

2-Butanone

Concen: 86.443 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBSD01

Tot Ion: 43 Resp: 336441

Ion Ratio Lower Upper

43 100

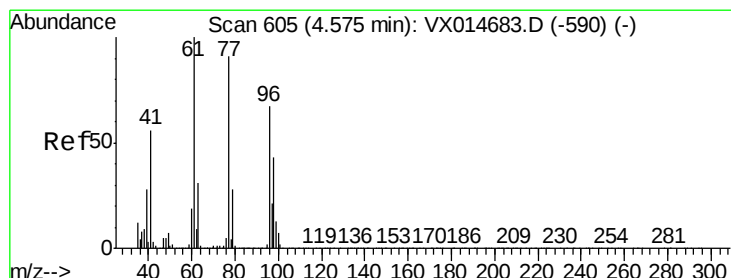
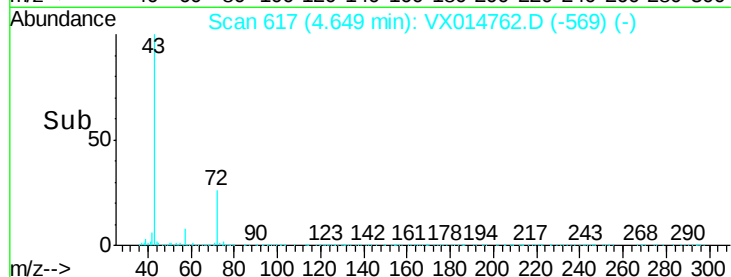
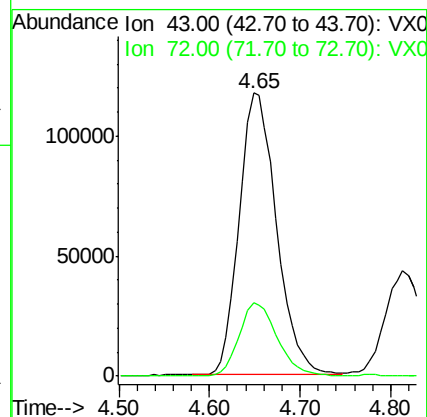
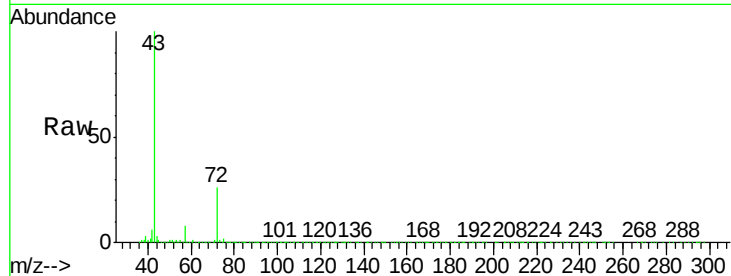
72 25.6 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 17.921 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014762.D

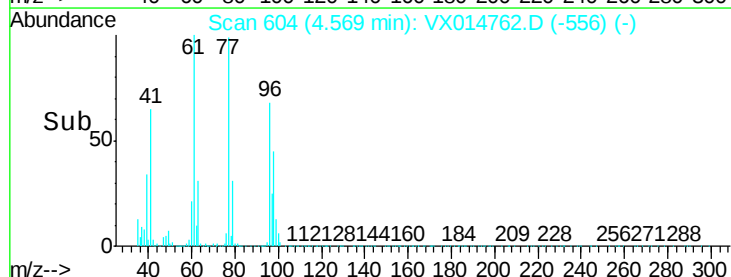
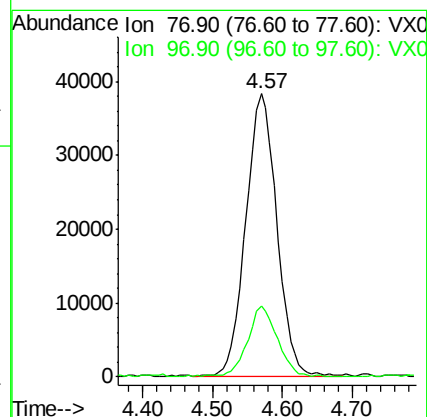
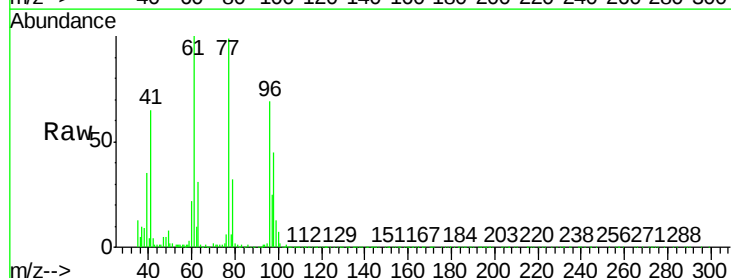
Acq: 29 Jan 2020 12:04

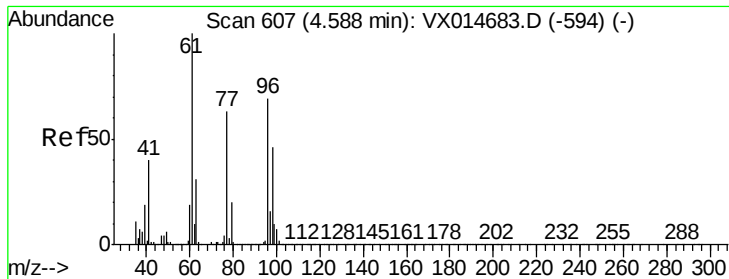
Tgt Ion: 77 Resp: 117539

Ion Ratio Lower Upper

77 100

97 24.5 11.8 35.3





#27

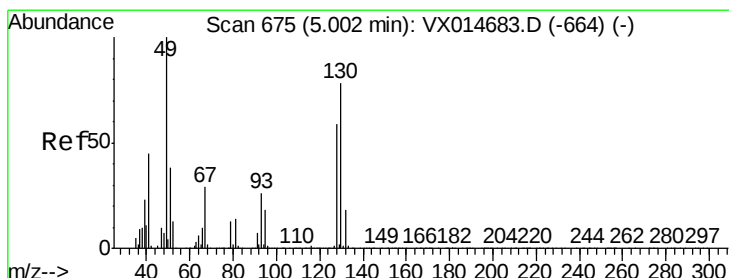
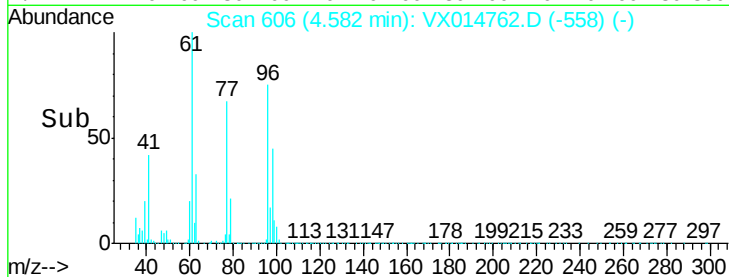
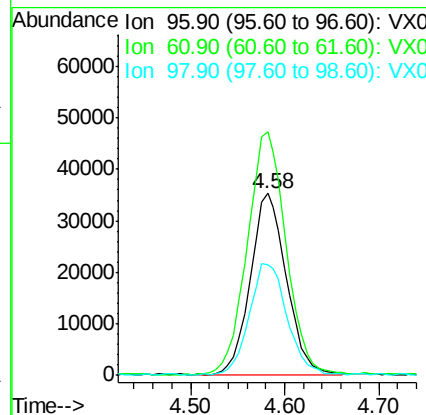
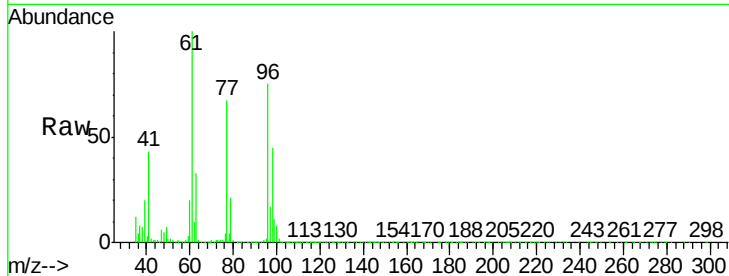
cis-1,2-Dichloroethene
 Concen: 18.146 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX014762.D
 Acq: 29 Jan 2020 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0129WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	291.0
98	64.3	0.0	129.8

Manual Integrations
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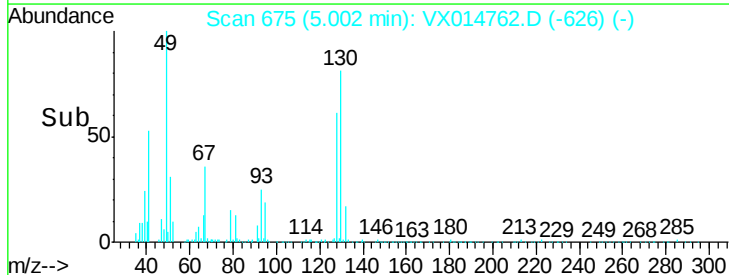
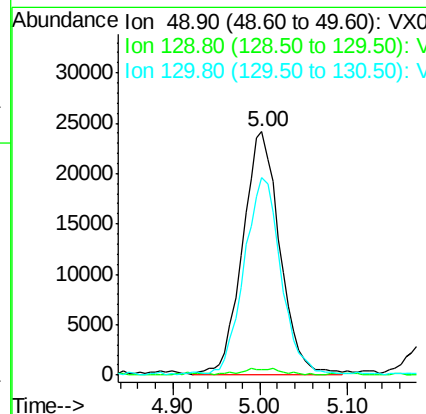
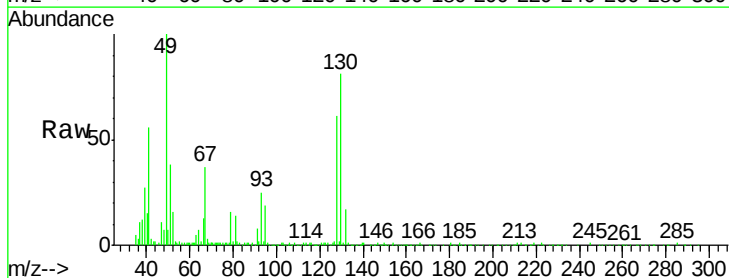
MMDadoda
 1/30/2020 10:44:11 AM

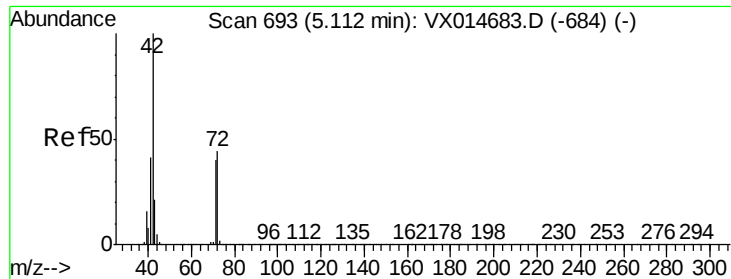


#28

Bromochloromethane
 Concen: 19.921 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014762.D
 Acq: 29 Jan 2020 12:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	79.6	62.4	93.6





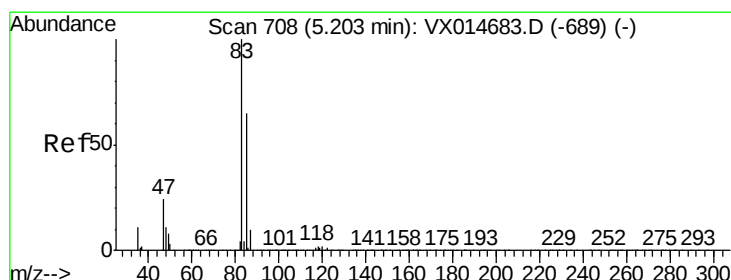
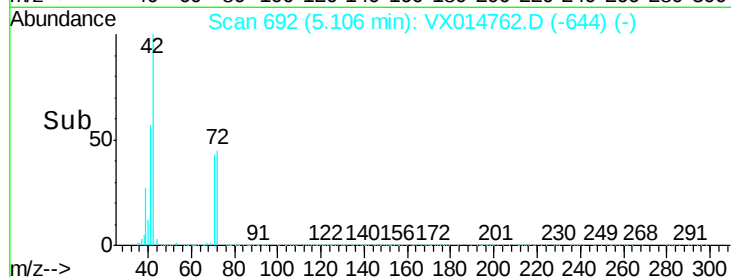
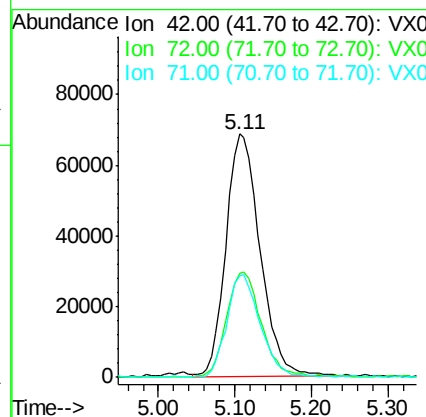
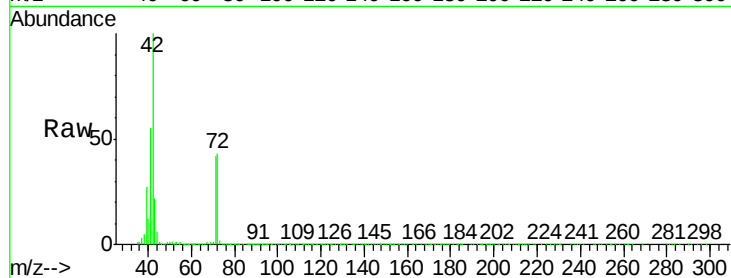
#29
Tetrahydrofuran
Concen: 91.020 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	35.3	52.9
71	40.9	33.1	49.7

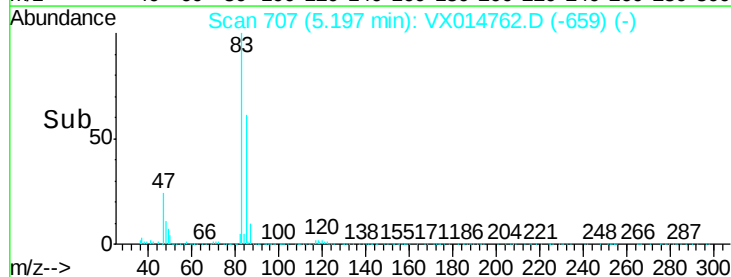
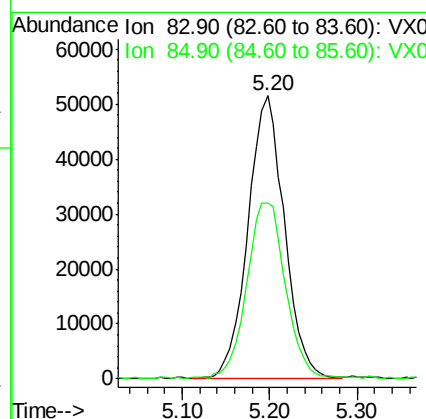
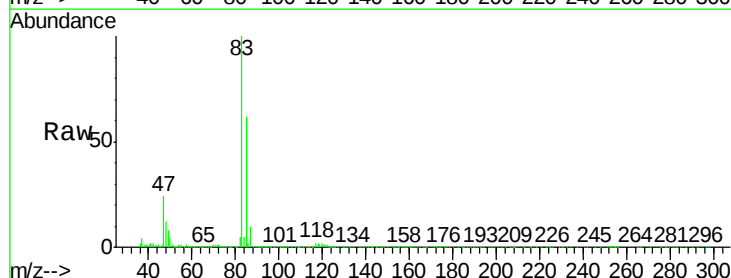
Manual Integrations
APPROVED

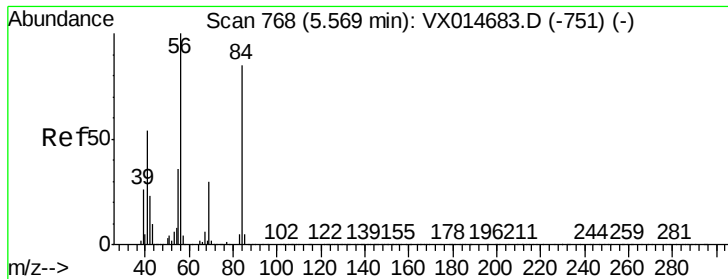
MMDadoda
1/30/2020 10:44:11 AM



#30
Chloroform
Concen: 18.347 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.7	77.5





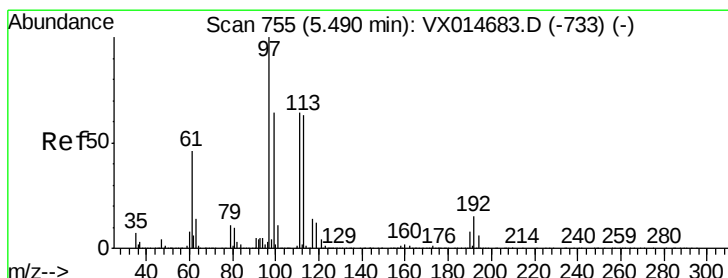
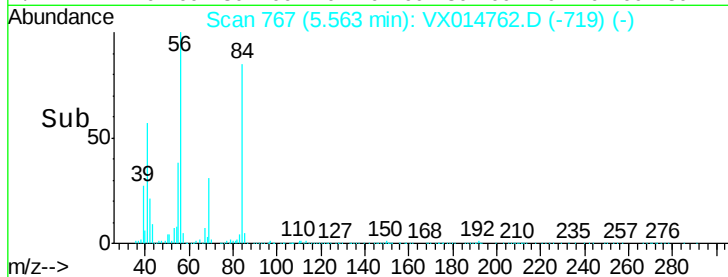
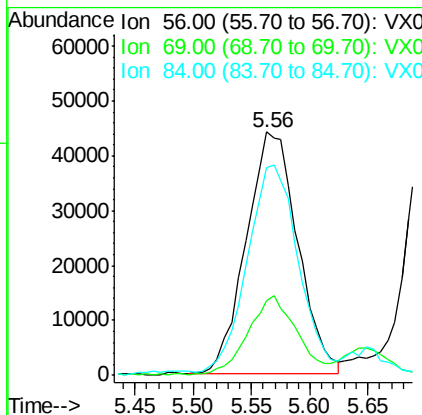
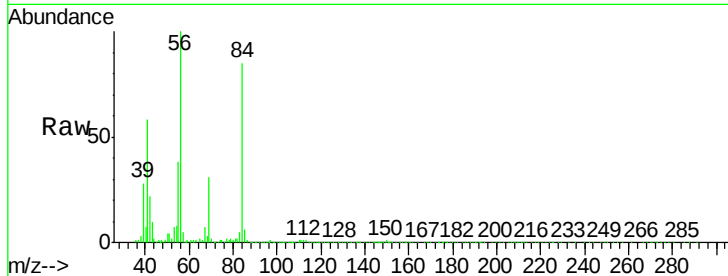
#31
Cyclohexane
Concen: 17.639 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	23.4	35.2
84	84.1	68.4	102.6

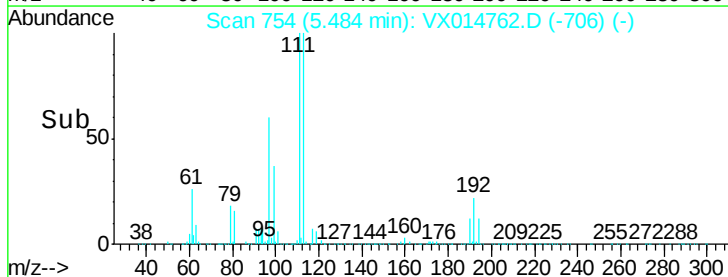
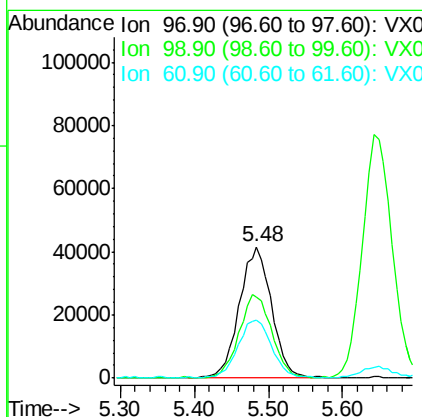
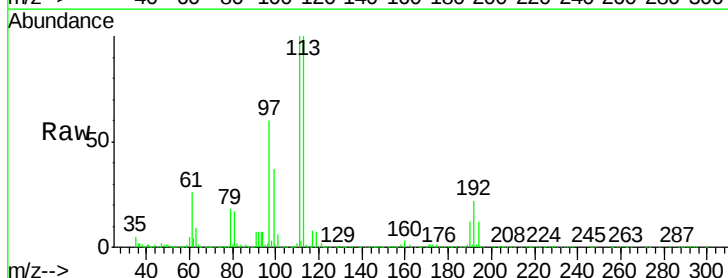
Manual Integrations
APPROVED

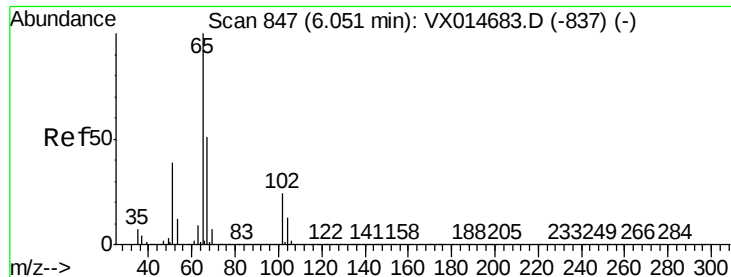
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 18.230 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.3	78.5
61	45.9	37.2	55.8





#33

1,2-Dichloroethane-d4

Concen: 48.541 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBSD01

Tot Ion: 65 Resp: 240593

Ion Ratio Lower Upper

65 100

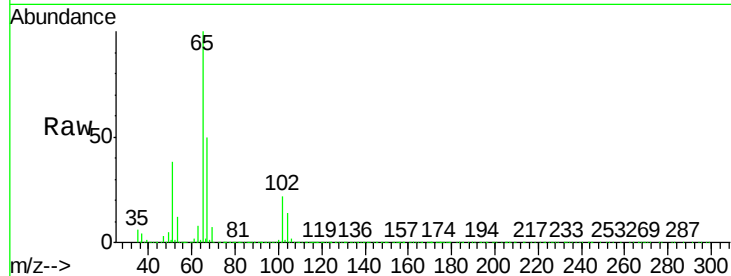
67 52.4 0.0 107.4

Manual Integrations

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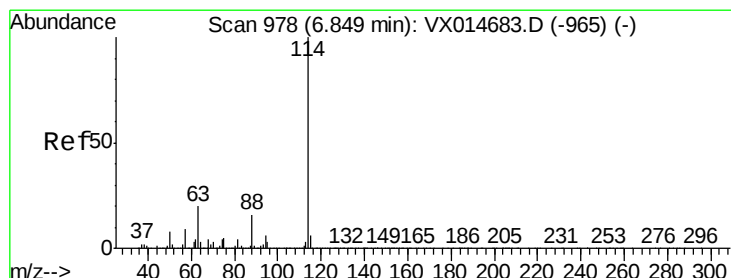
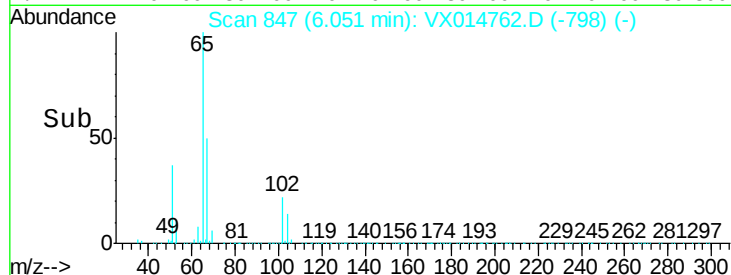
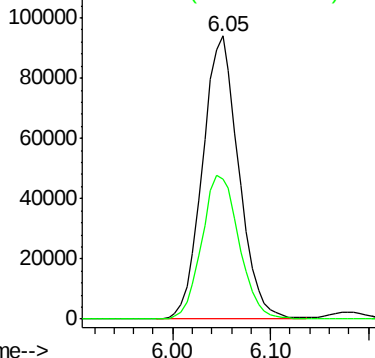
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

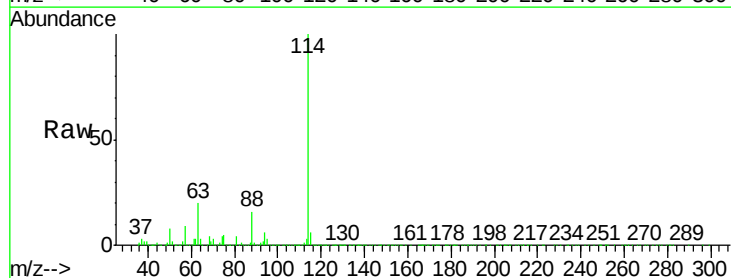
Tgt Ion: 114 Resp: 621972

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.6

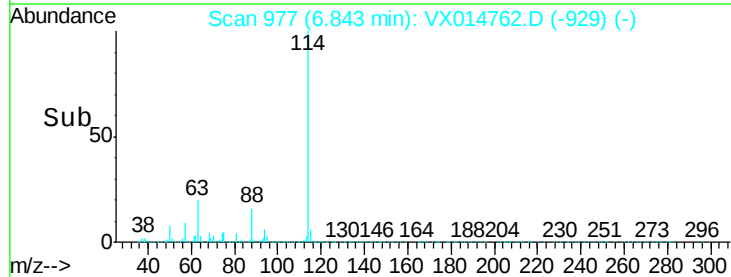
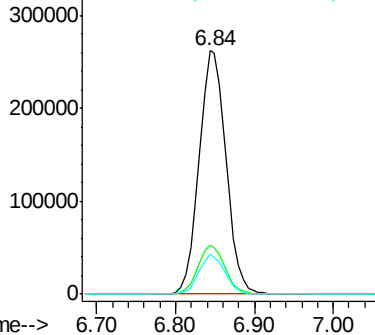
88 16.2 0.0 31.2

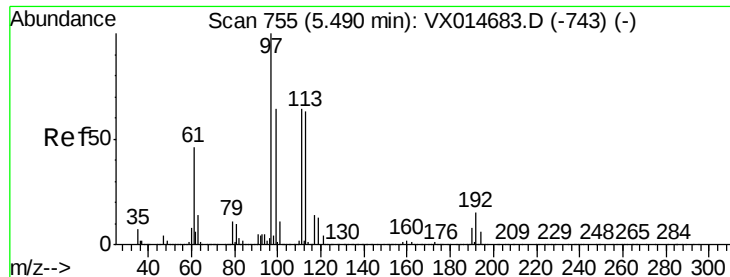


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





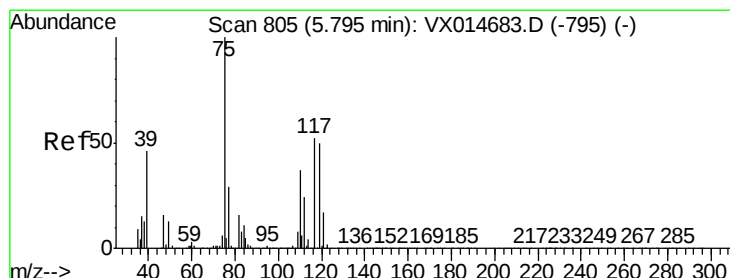
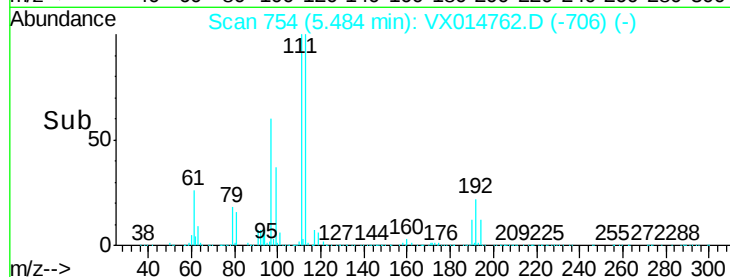
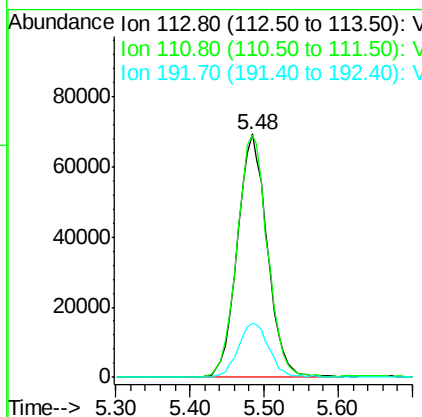
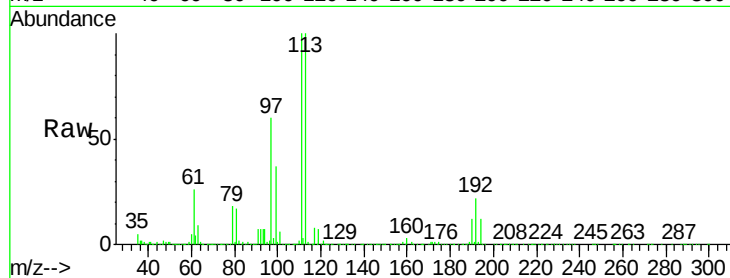
#35
Dibromofluoromethane
Concen: 49.773 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.7	121.1
192	22.9	18.5	27.7

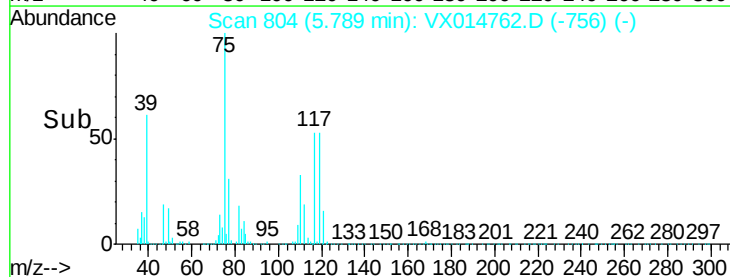
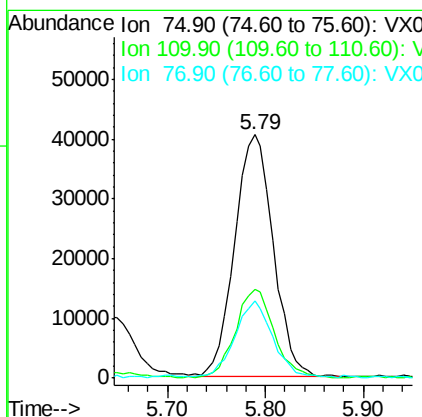
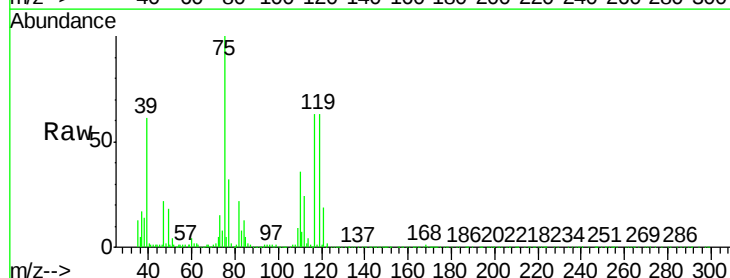
Manual Integrations
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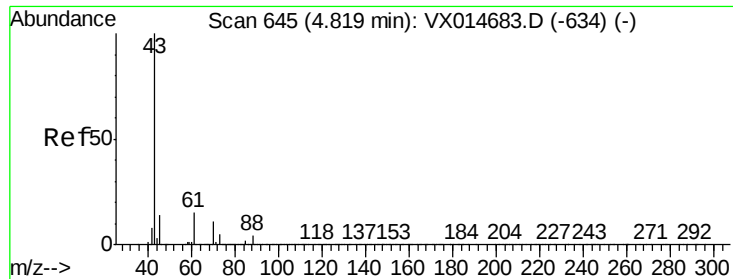
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#36
1,1-Dichloropropene
Concen: 19.238 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.9	53.7
77	30.5	24.1	36.1





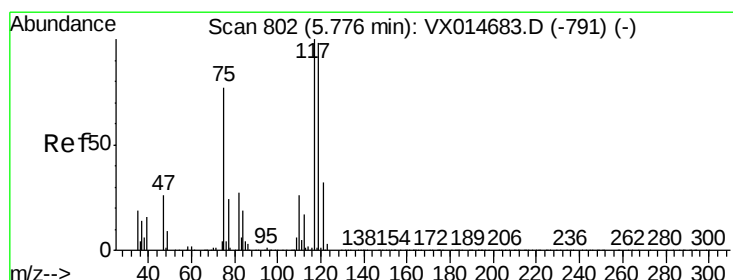
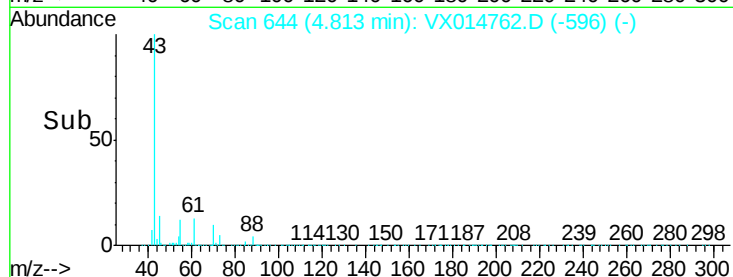
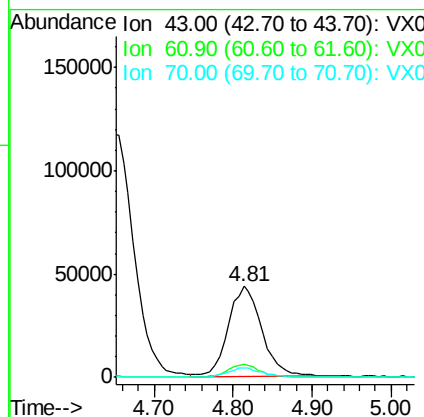
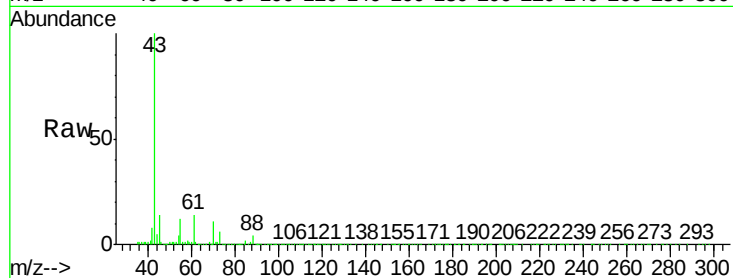
#37
Ethyl Acetate
Concen: 19.445 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.0	16.4
70	10.2	8.5	12.7

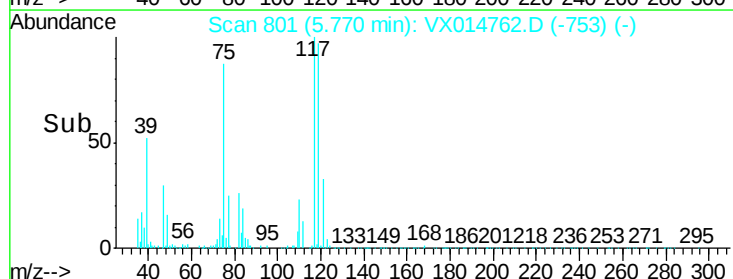
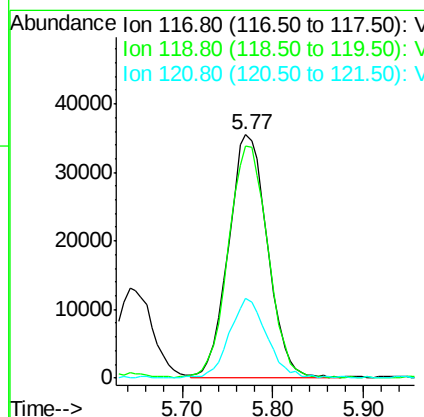
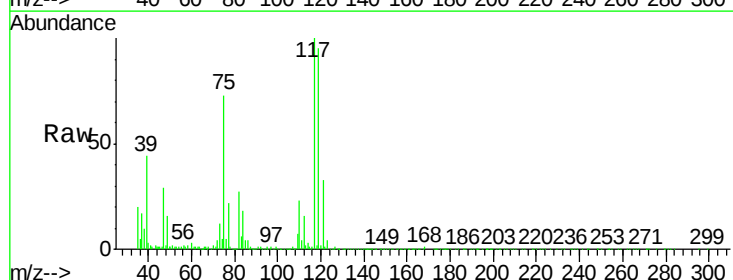
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#38
Carbon Tetrachloride
Concen: 19.207 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.9	116.9
121	32.5	25.4	38.2





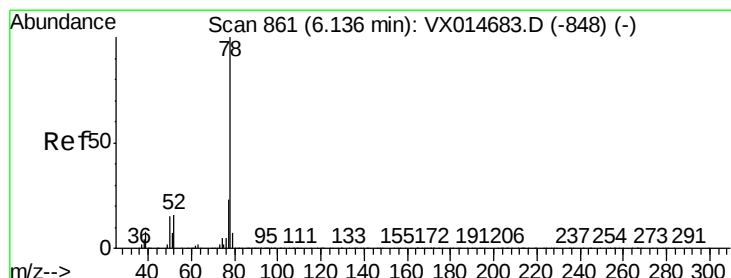
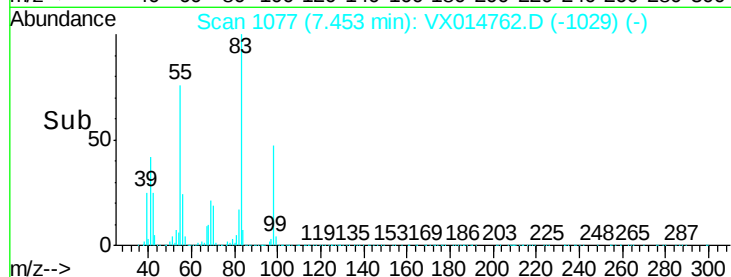
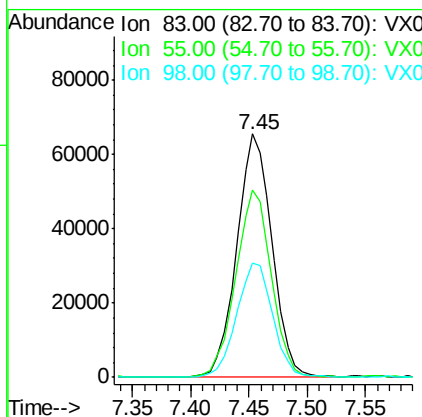
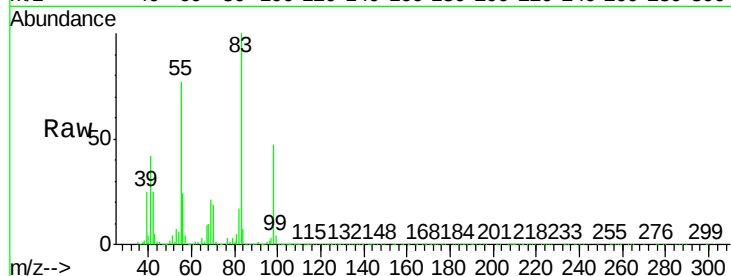
#39
Methvlcvclohexane
Concen: 19.015 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.5	65.6	98.4
98	47.0	40.2	60.4

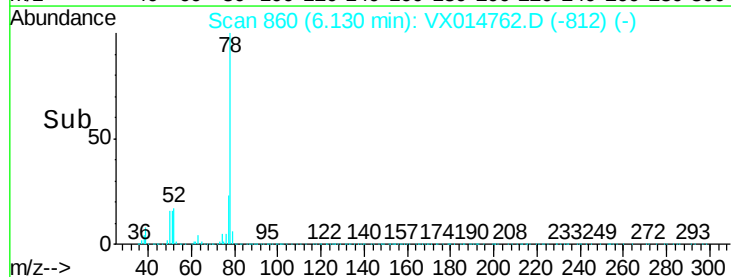
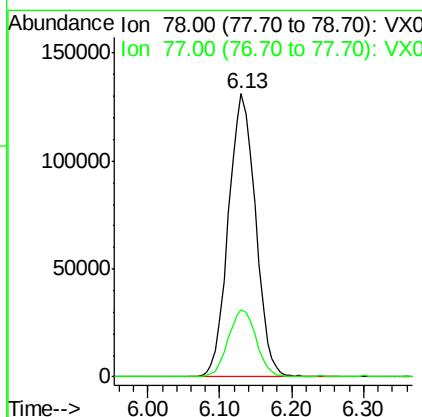
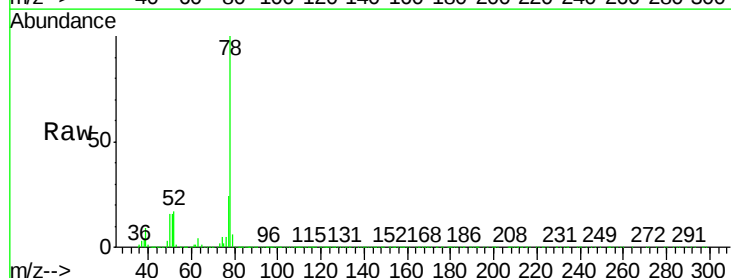
Manual Integrations
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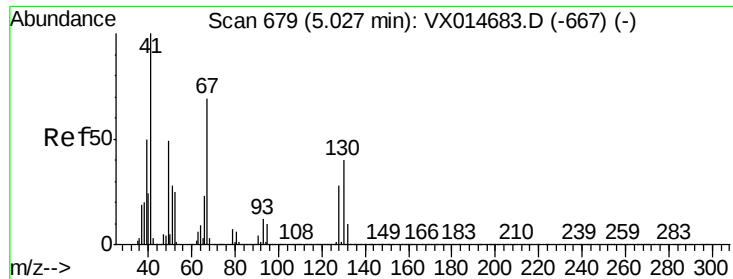
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#40
Benzene
Concen: 19.248 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.7	28.1





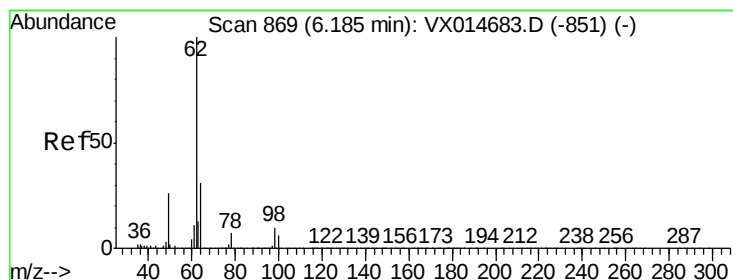
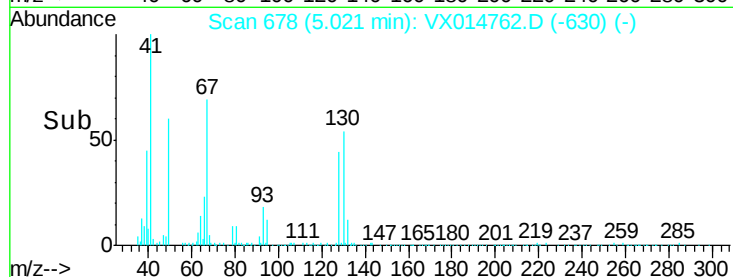
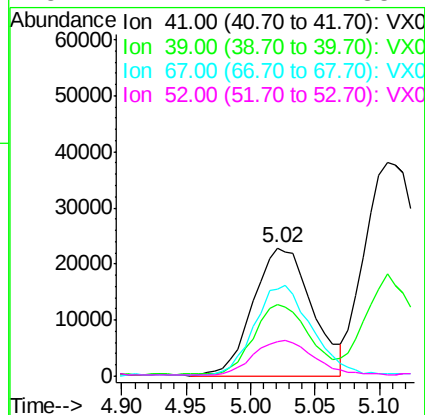
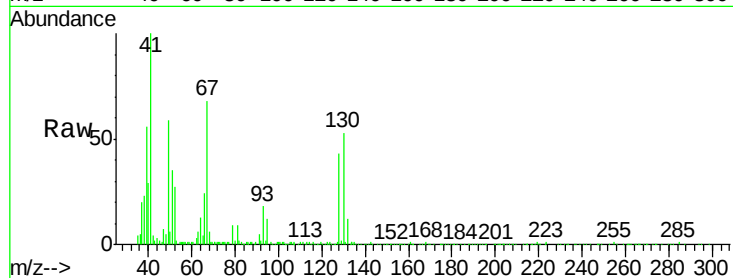
#41
Methacrylonitrile
Concen: 19.219 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	49.2	42.2	63.2	
67	67.9	55.4	83.0	
52	27.2	22.1	33.1	

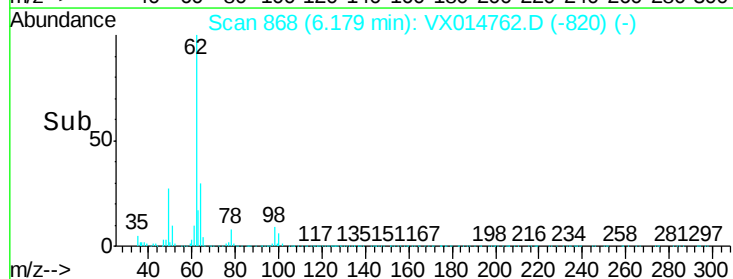
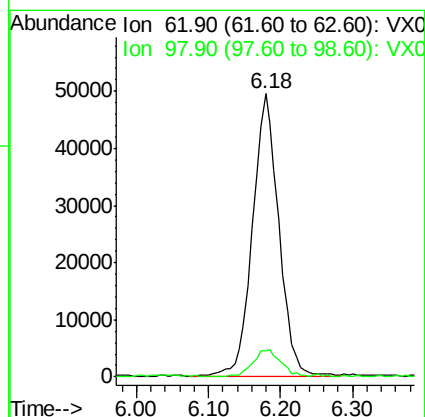
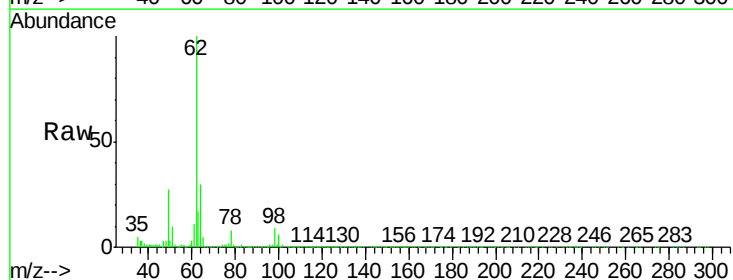
Manual Integrations
APPROVED

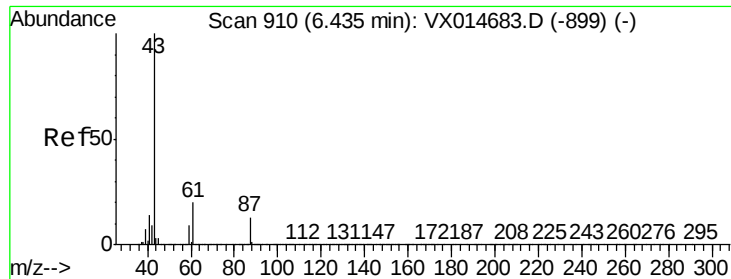
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.194 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	0.0	20.0	





#43

Isopropyl Acetate

Concen: 19.096 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Instrument :

MSVOA_X

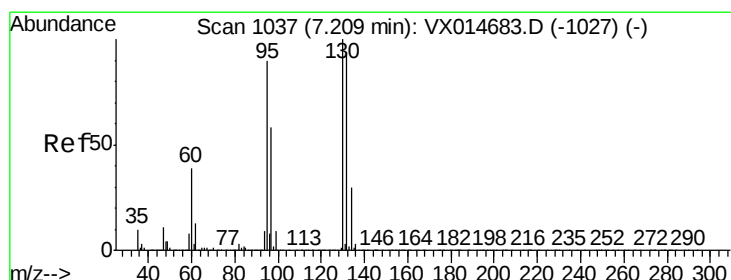
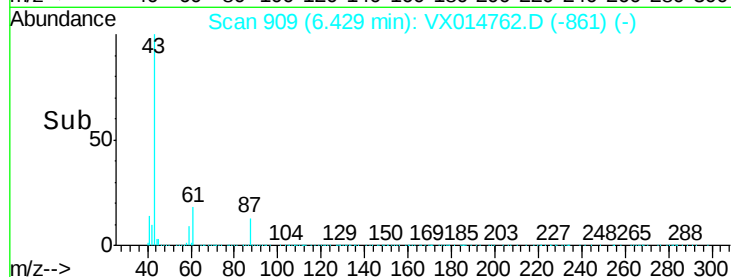
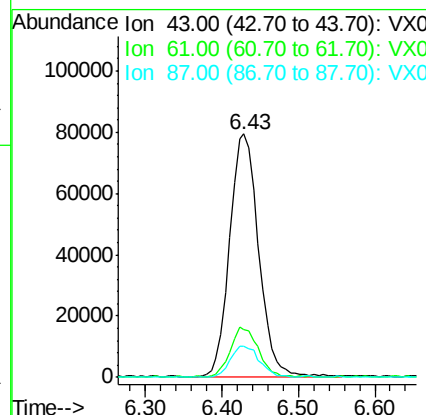
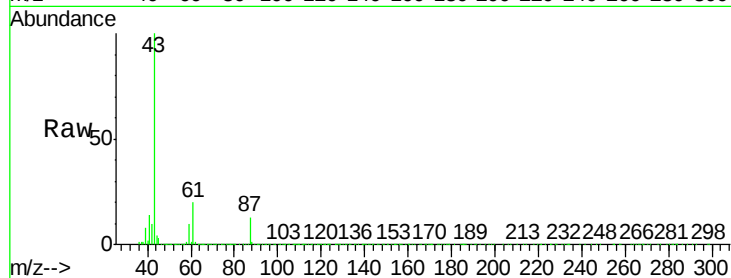
ClientSampleId :

VX0129WBSD01

Tot Ion:	43	Resp:	206984
Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.2	24.4
87	12.8	10.5	15.7

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#44

Trichloroethene

Concen: 18.807 ug/l

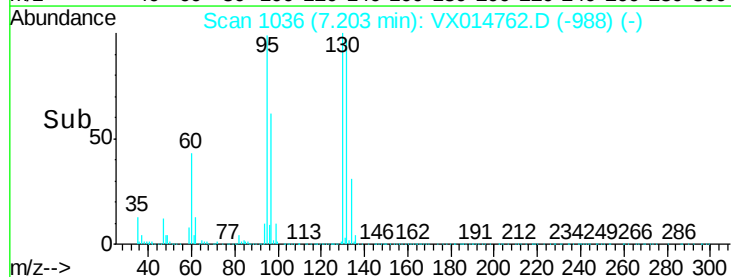
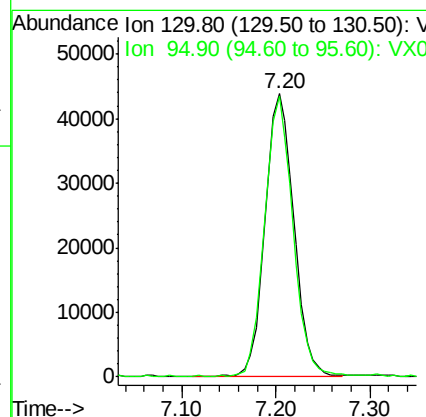
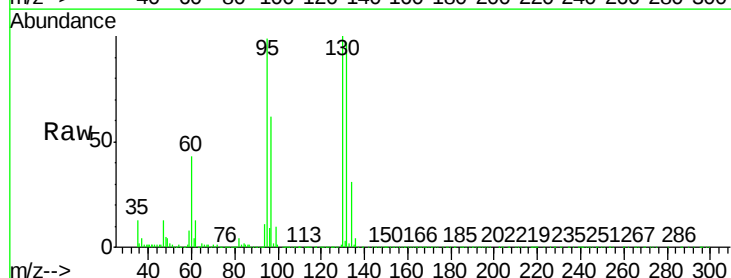
RT: 7.20 min Scan# 1036

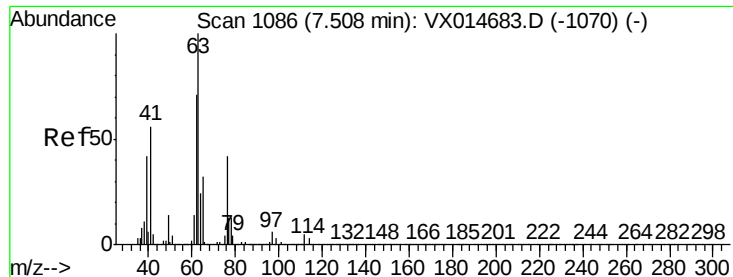
Delta R.T. -0.01 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Tgt Ion:	130	Resp:	94862
Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	179.8





#45

1,2-Dichloropropane

Concen: 19.737 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBSD01

Tot Ion: 63 Resp: 90797

Ion Ratio Lower Upper

63 100

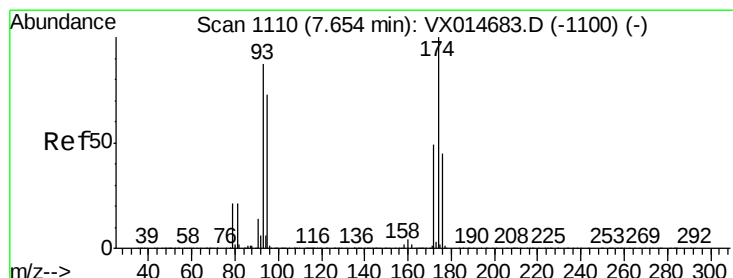
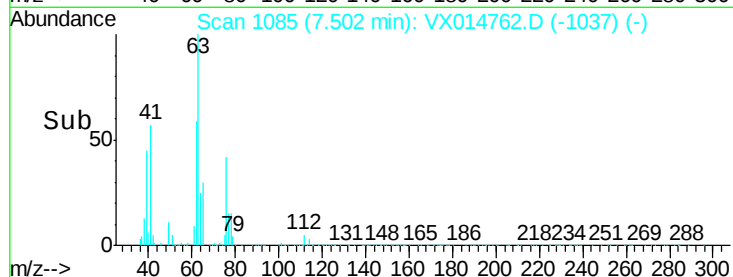
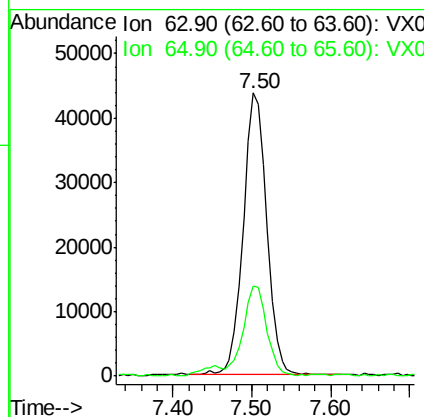
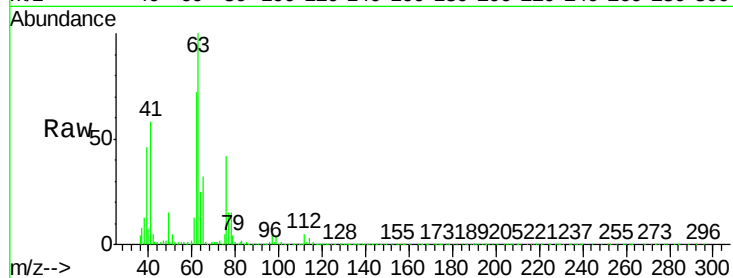
65 31.4 25.2 37.8

Manual Integrations

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#46

Dibromomethane

Concen: 19.877 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

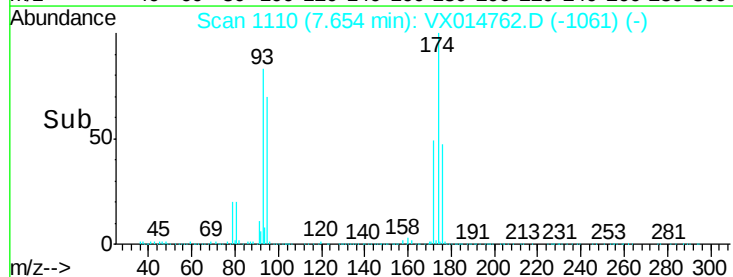
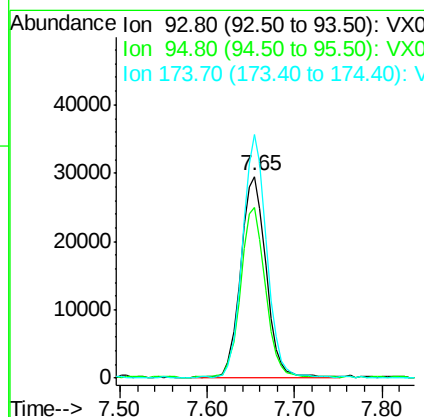
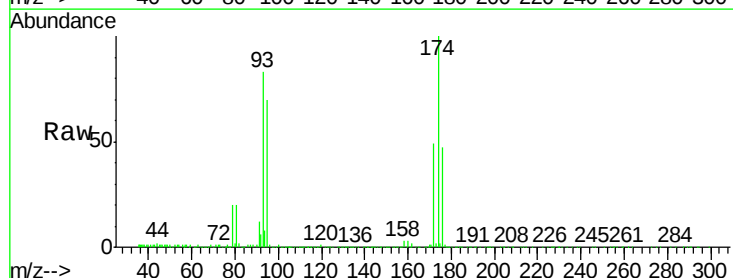
Tgt Ion: 93 Resp: 59224

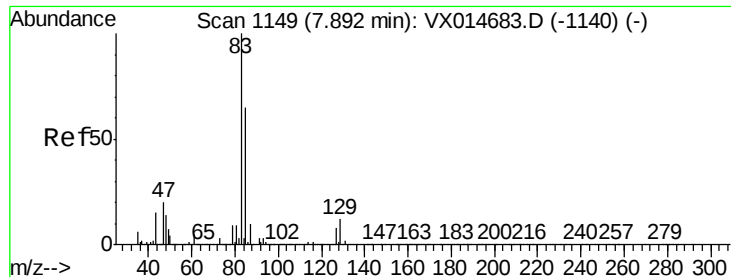
Ion Ratio Lower Upper

93 100

95 81.6 67.0 100.4

174 114.2 90.2 135.2





#47

Bromodichloromethane

Concen: 19.761 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Instrument :

MSVOA_X

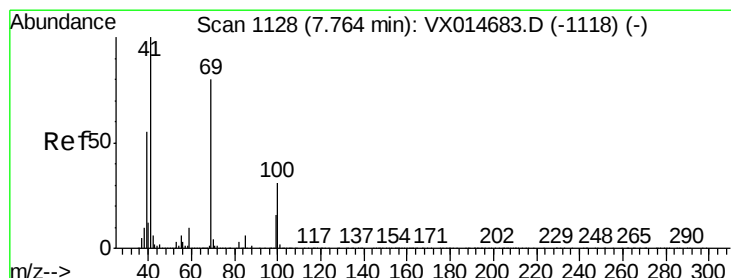
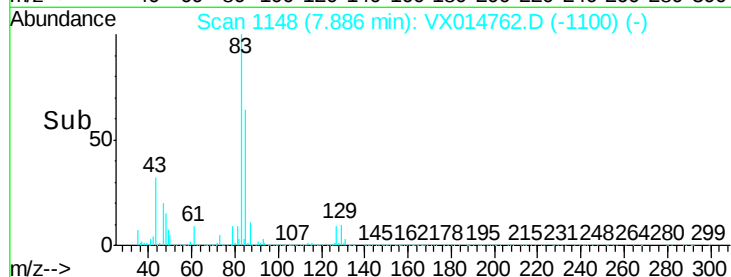
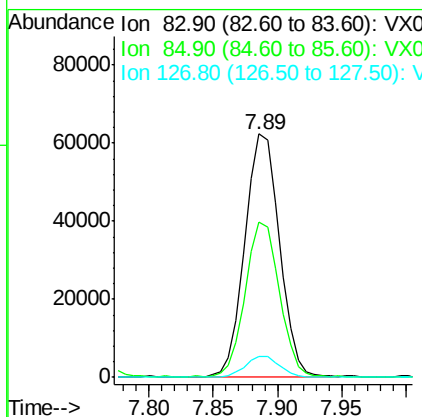
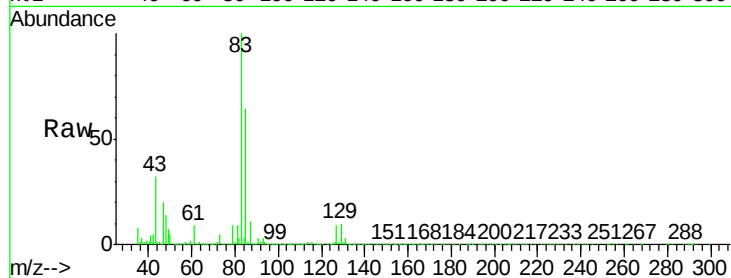
ClientSampleId :

VX0129WBSD01

Tot Ion:	83	Resp:	115478
Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.2	78.2
127	8.6	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.717 ug/l

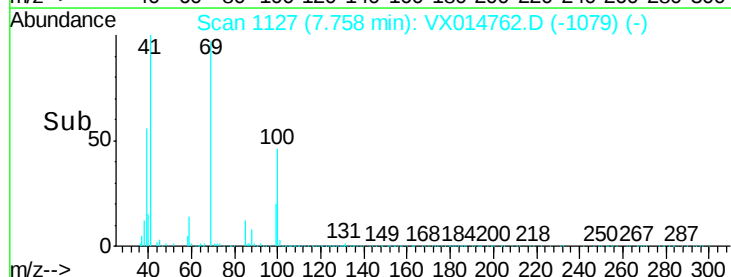
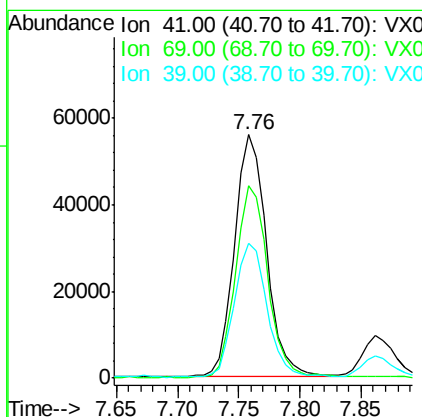
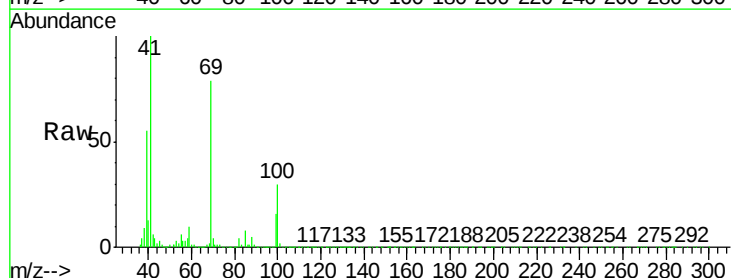
RT: 7.76 min Scan# 1127

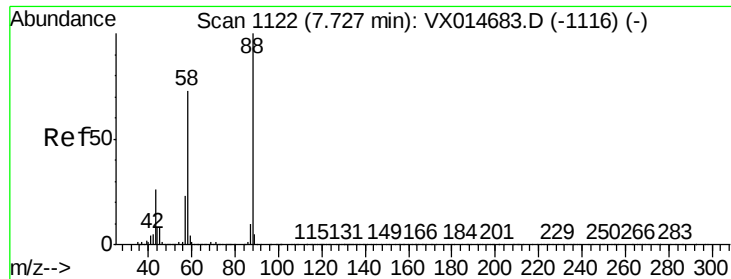
Delta R.T. -0.01 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Tgt Ion:	41	Resp:	102117
Ion	Ratio	Lower	Upper
41	100		
69	79.9	63.5	95.3
39	55.8	43.7	65.5





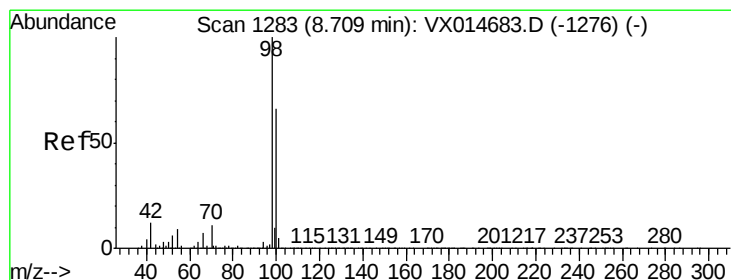
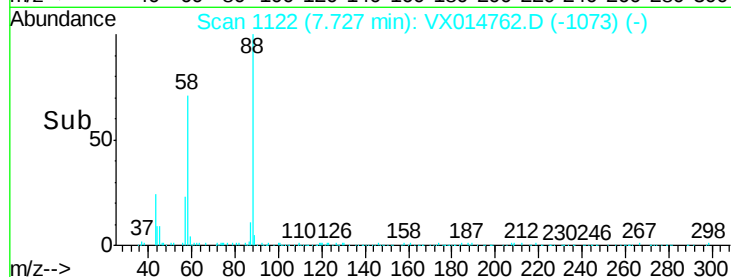
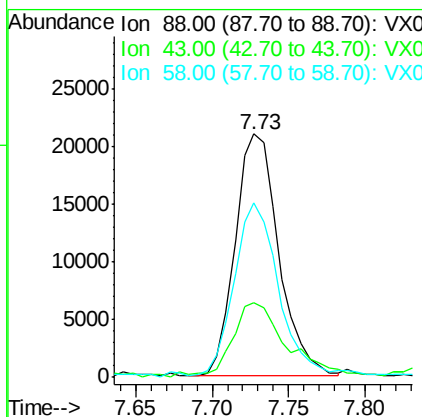
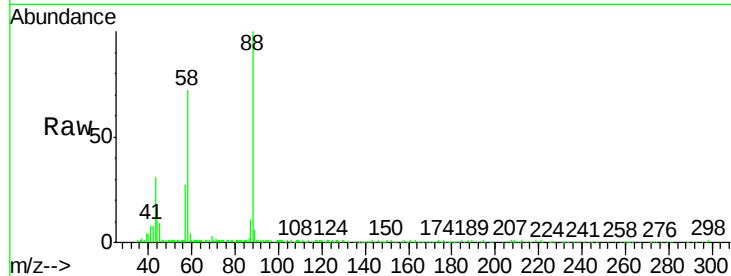
#49
1,4-Dioxane
Concen: 377.345 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.7	26.2	39.2#
58	72.8	56.6	85.0

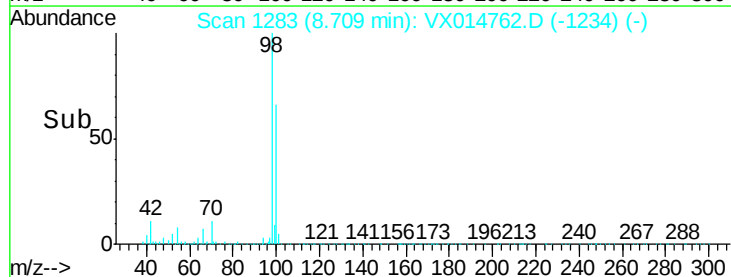
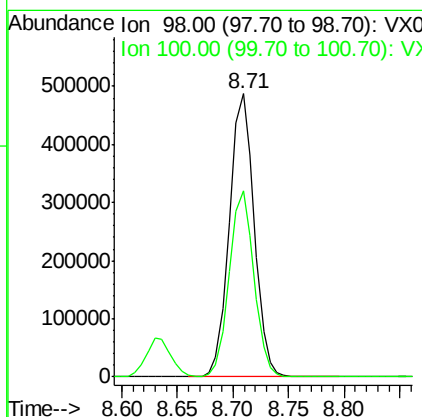
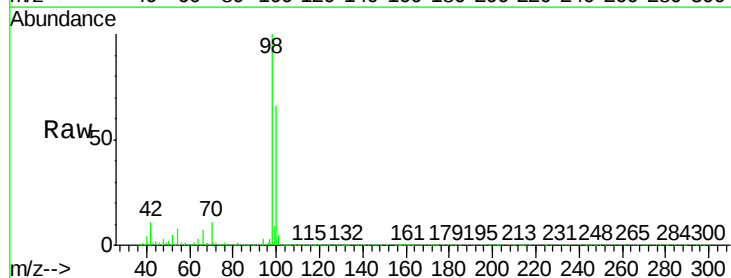
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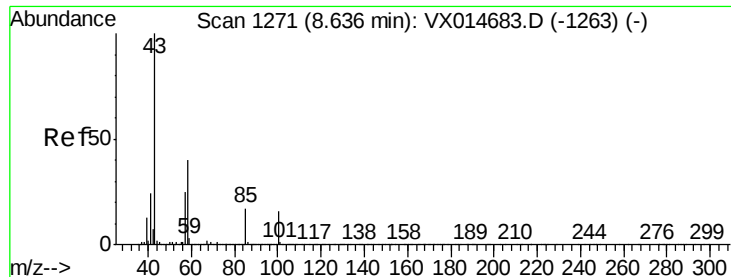
MMDadoda
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#50
Toluene-d8
Concen: 49.691 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 94.586 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBSD01

Tot Ion: 43 Resp: 647087

Ion Ratio Lower Upper

43 100

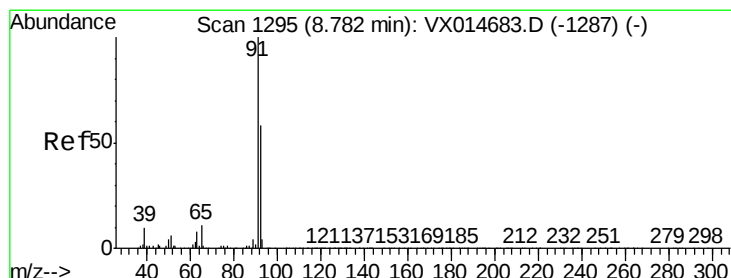
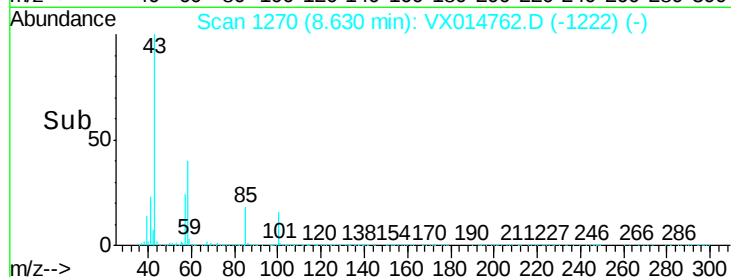
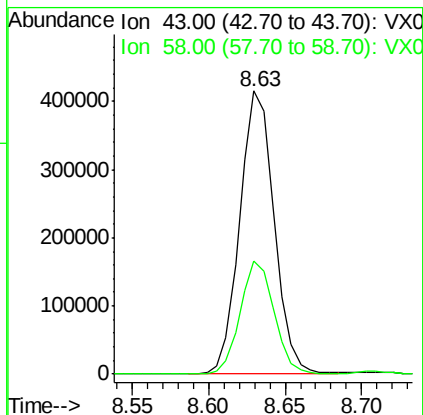
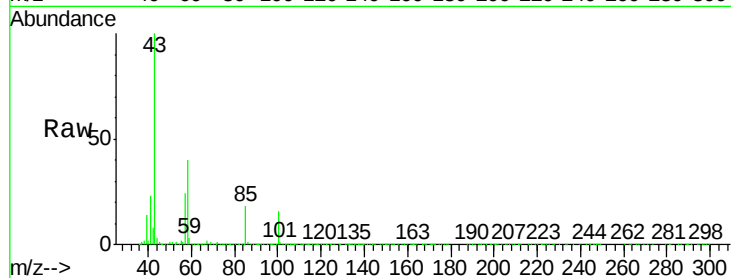
58 39.6 31.6 47.4

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#52

Toluene

Concen: 19.563 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014762.D

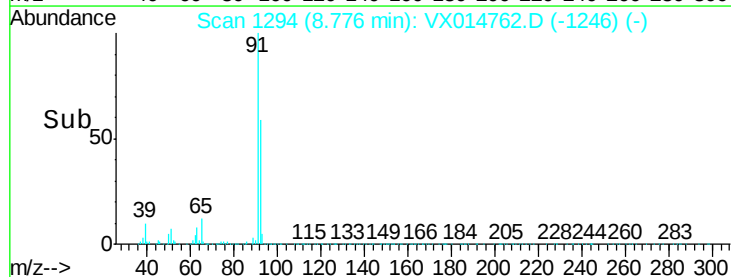
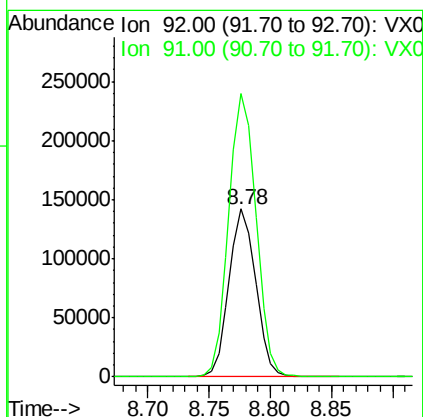
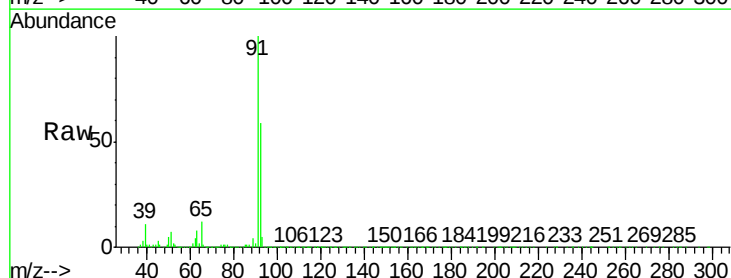
Acq: 29 Jan 2020 12:04

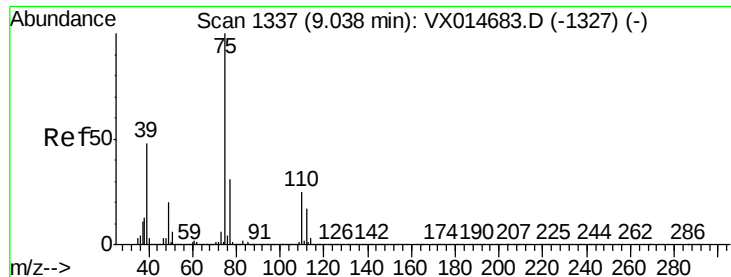
Tgt Ion: 92 Resp: 214738

Ion Ratio Lower Upper

92 100

91 172.9 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 19.942 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBSD01

Tot Ion: 75 Resp: 125480

Ion Ratio Lower Upper

75 100

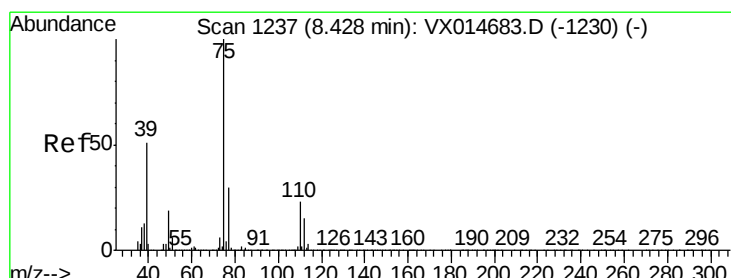
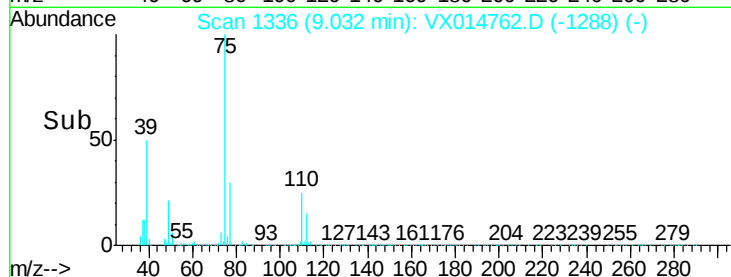
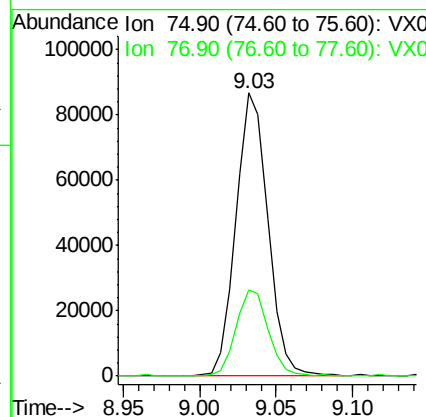
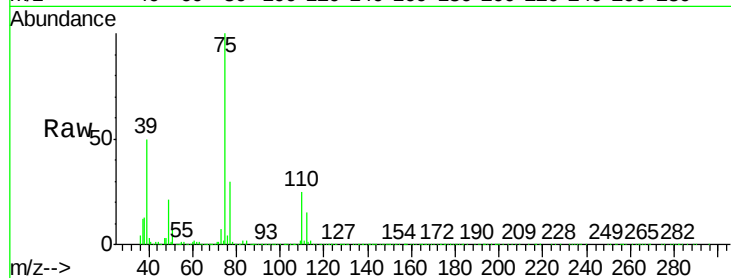
77 30.4 24.9 37.3

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#54

cis-1,3-Dichloropropene

Concen: 20.303 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

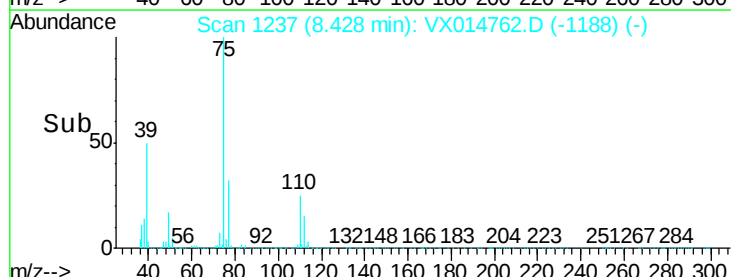
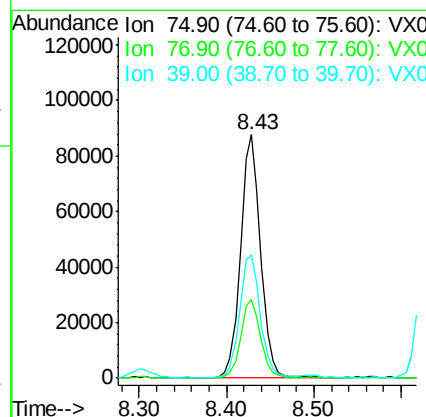
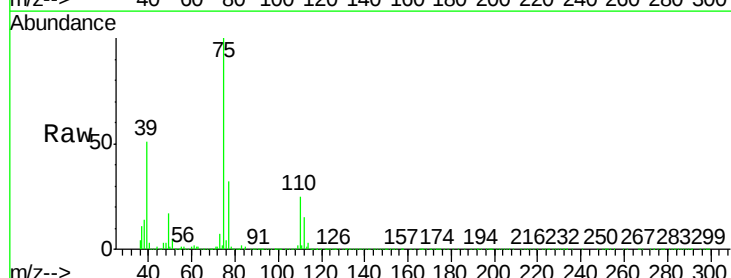
Tgt Ion: 75 Resp: 140536

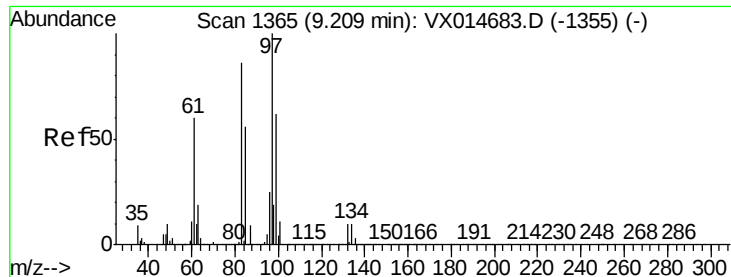
Ion Ratio Lower Upper

75 100

77 31.9 23.9 35.9

39 50.3 40.9 61.3





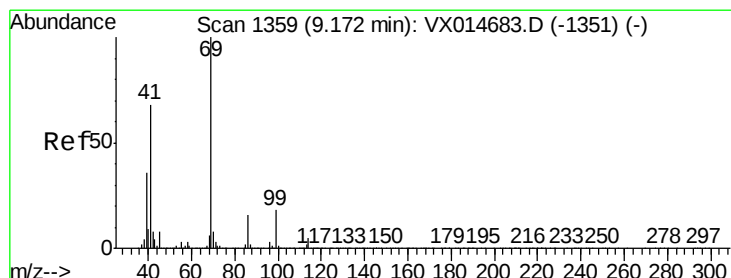
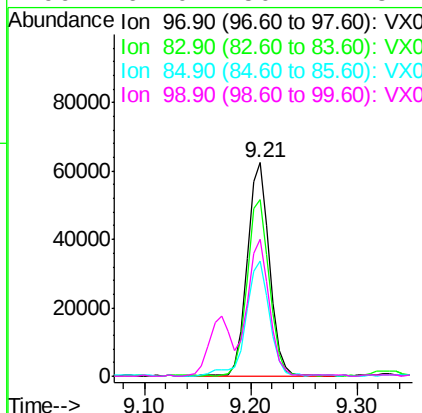
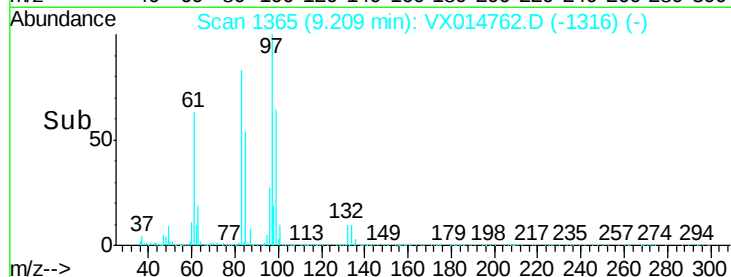
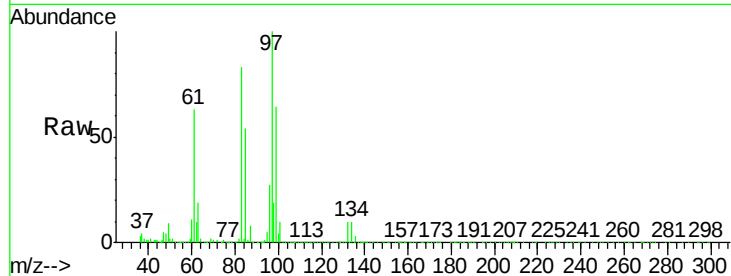
#55
 1,1,2-Trichloroethane
 Concen: 20.159 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014762.D
 Acq: 29 Jan 2020 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0129WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		90598		
83	82.7	69.2	103.8		
85	53.6	44.6	67.0		
99	64.0	50.1	75.1		

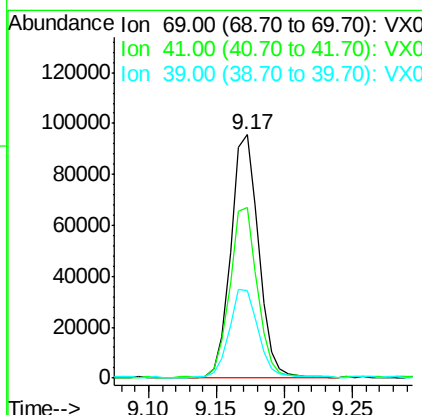
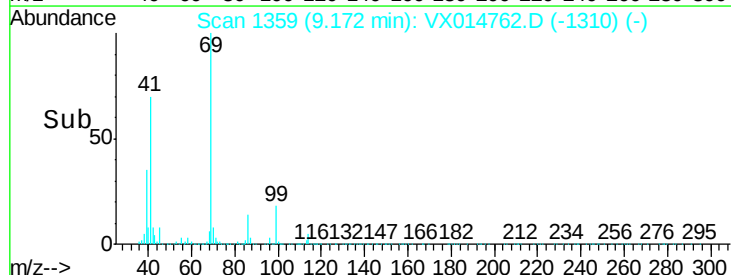
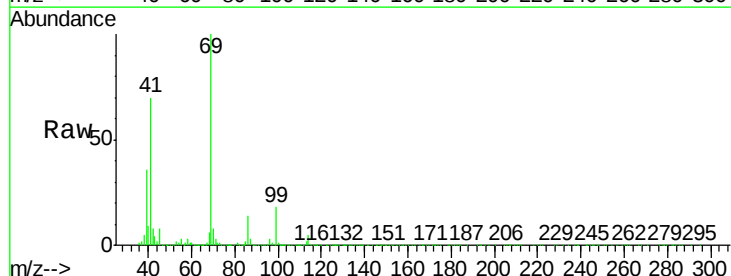
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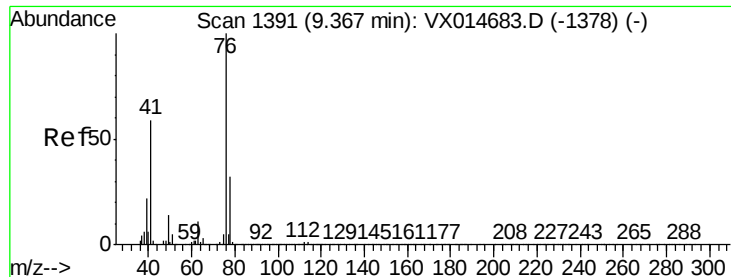
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#56
 Ethyl methacrylate
 Concen: 18.965 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014762.D
 Acq: 29 Jan 2020 12:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		135744		
41	69.0	54.9	82.3		
39	37.6	29.3	43.9		





#57

1,3-Dichloropropane

Concen: 20.086 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBSD01

Tot Ion: 76 Resp: 154314

Ion Ratio Lower Upper

76 100

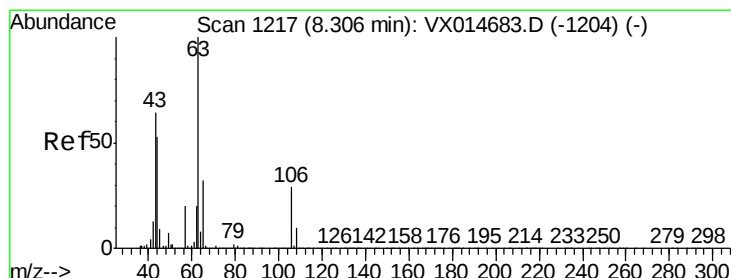
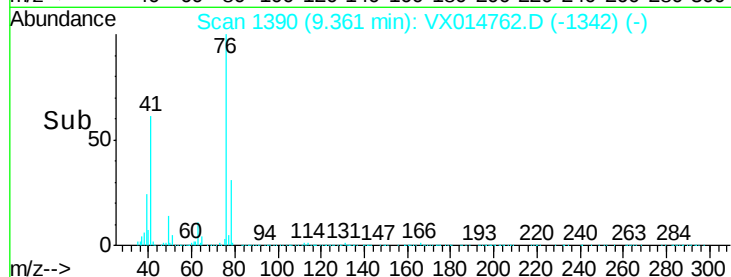
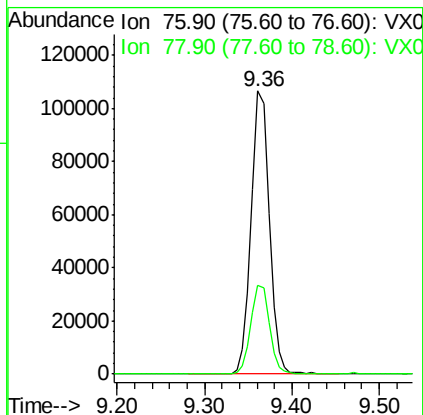
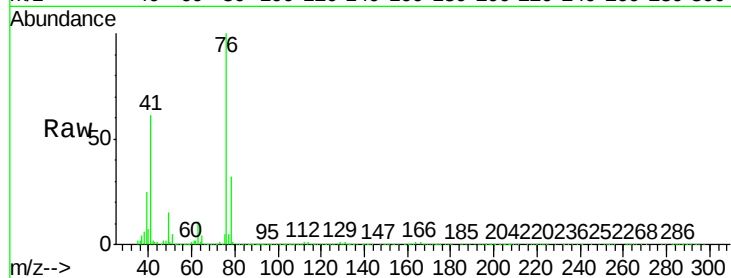
78 32.3 26.0 39.0

Manual Integrations

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MMDadoda

1/30/2020 10:44:11 AM



#58

2-Chloroethyl Vinyl ether

Concen: 103.212 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014762.D

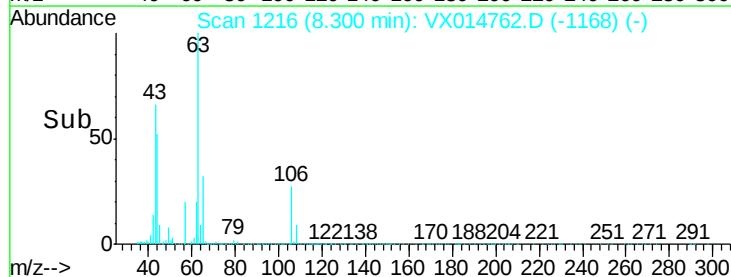
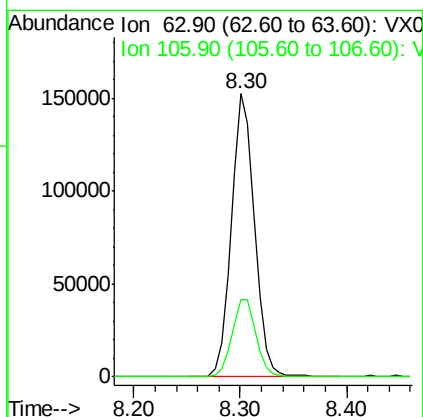
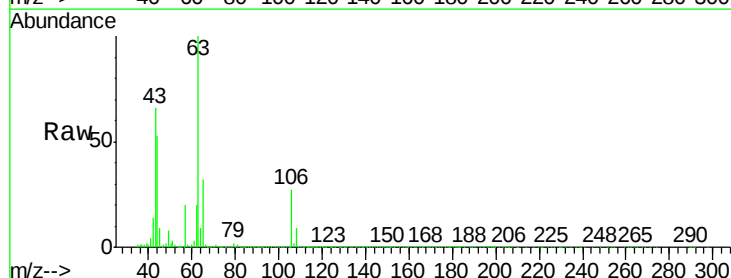
Acq: 29 Jan 2020 12:04

Tgt Ion: 63 Resp: 233275

Ion Ratio Lower Upper

63 100

106 28.5 22.7 34.1





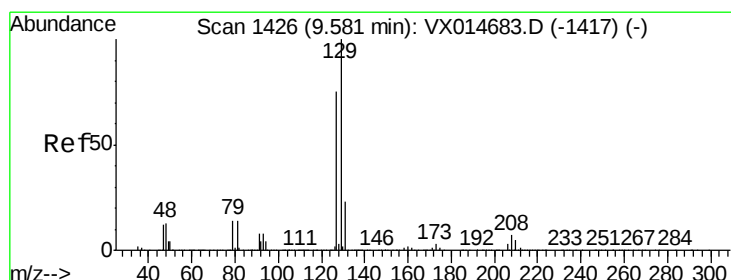
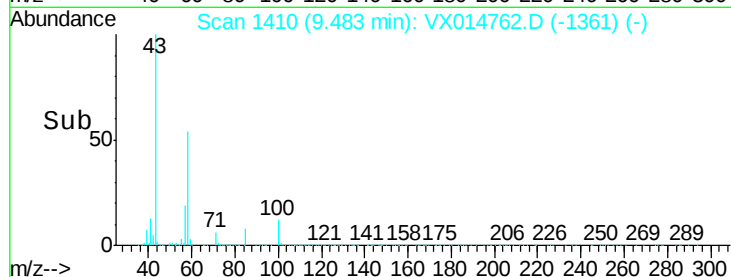
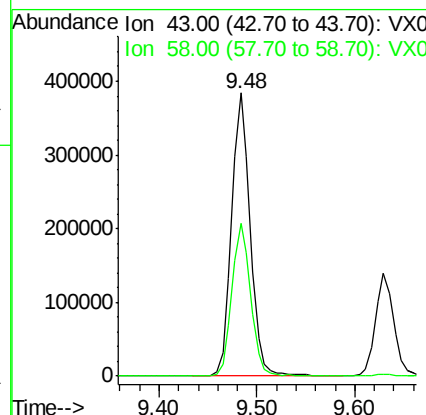
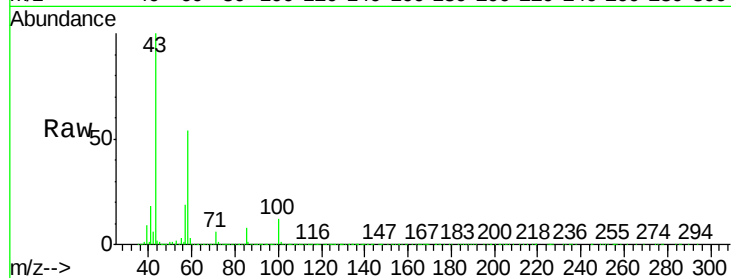
#59
2-Hexanone
Concen: 95.323 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBSD01

Tot Ion: 43 Resp: 506046
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.5

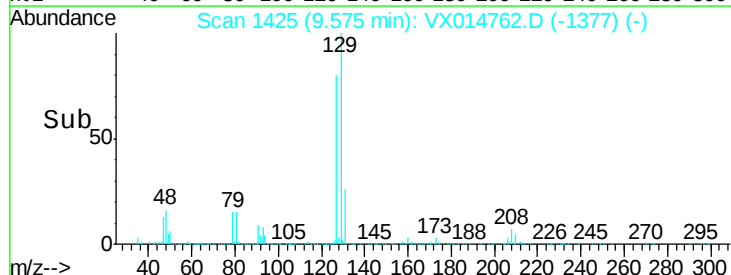
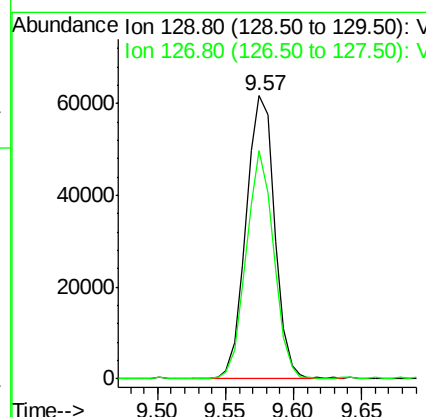
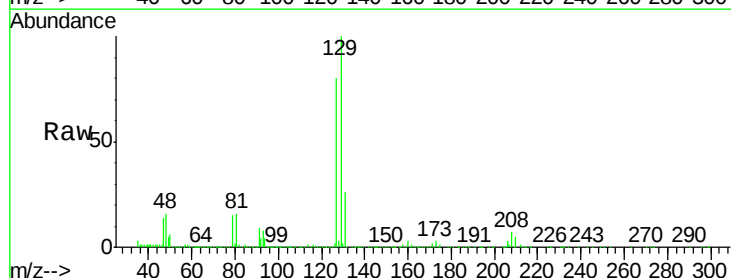
Manual Integrations
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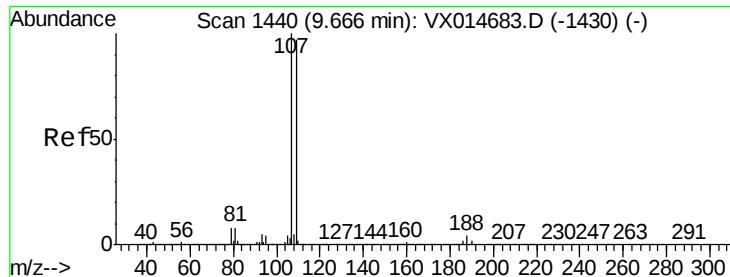
MMDadoda
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#60
Dibromochloromethane
Concen: 19.413 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Tgt Ion: 129 Resp: 91066
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.632 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBSD01

Tot Ion:107 Resp: 93283

Ion Ratio Lower Upper

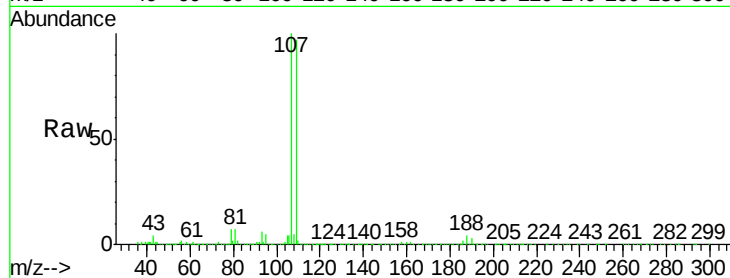
107 100

109 93.9 76.2 114.2

Manual Integrations
APPROVED

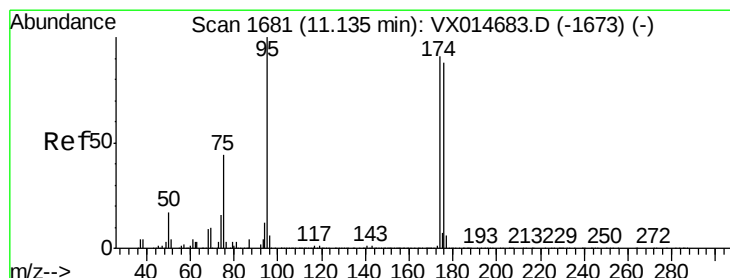
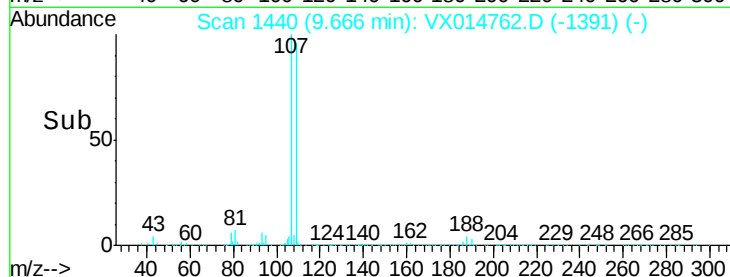
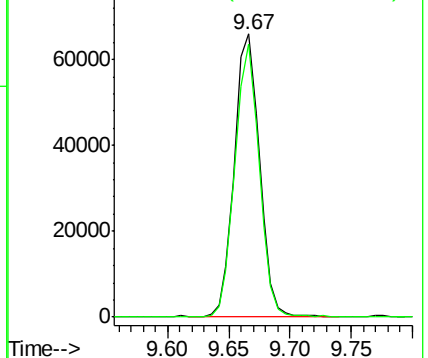
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.938 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

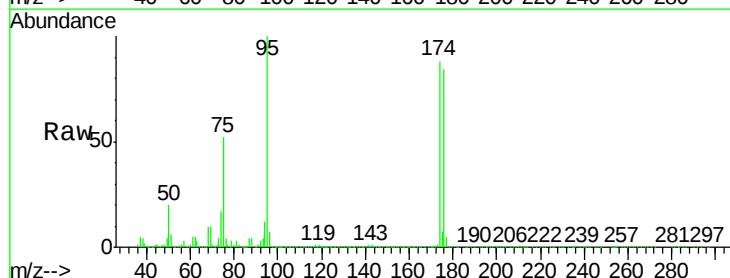
Tgt Ion: 95 Resp: 263022

Ion Ratio Lower Upper

95 100

174 90.2 0.0 176.0

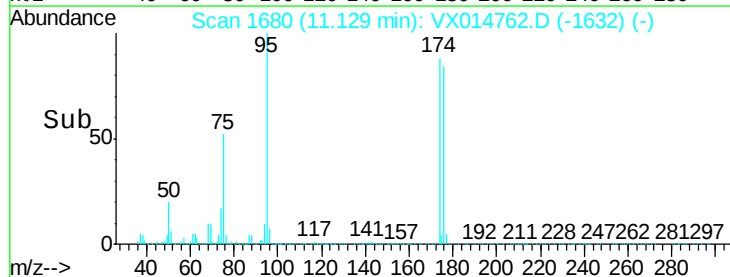
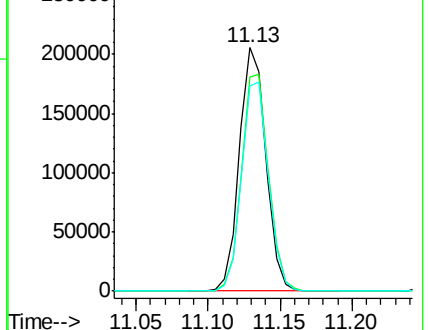
176 87.2 0.0 172.2

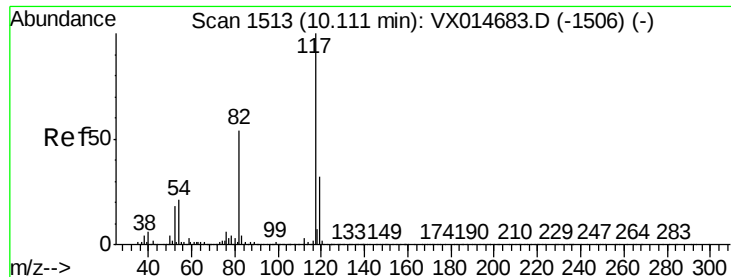


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





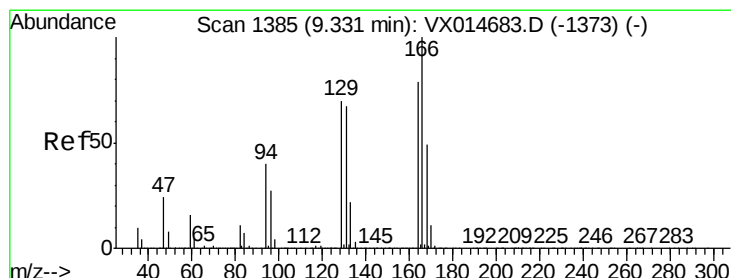
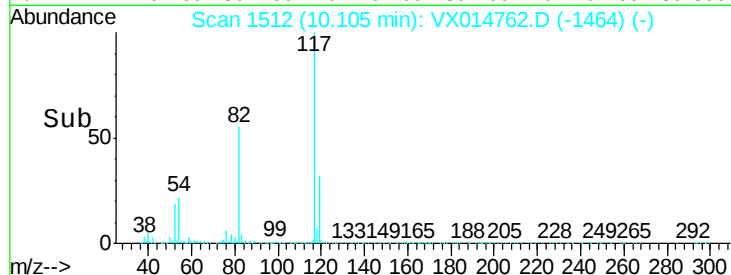
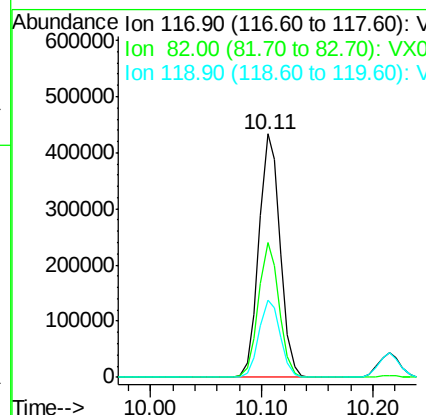
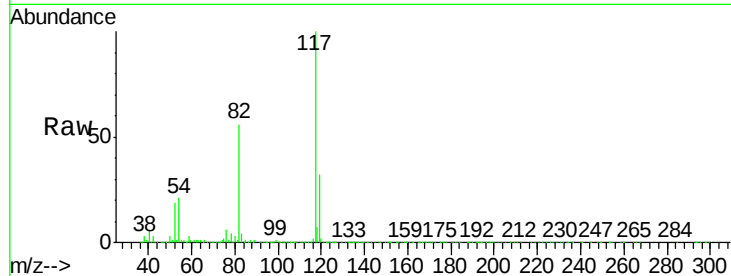
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	577658		
82	55.5	43.2	64.8	
119	31.7	25.8	38.6	

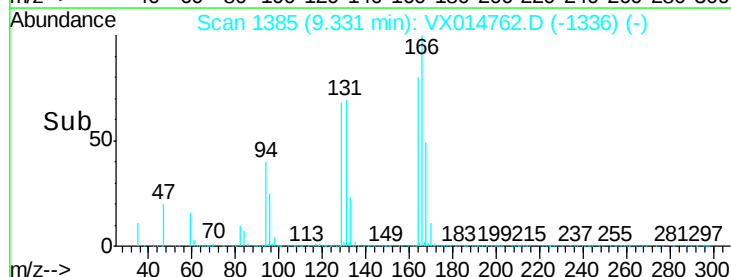
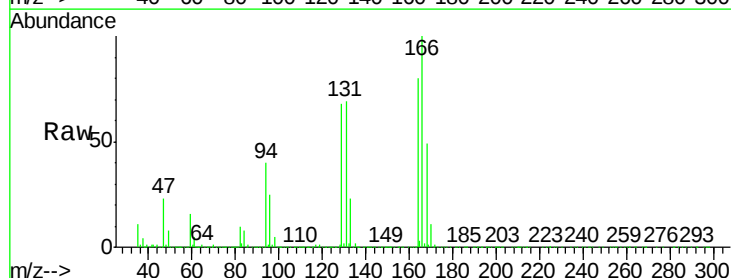
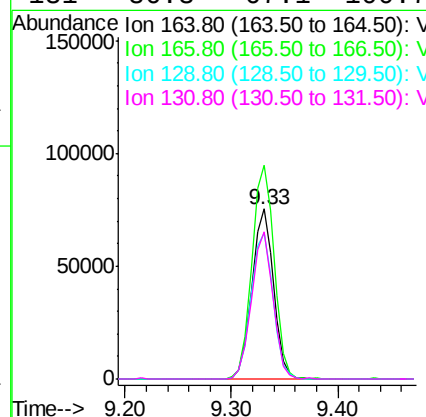
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#64
Tetrachloroethene
Concen: 18.856 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	107820		
166	125.4	100.9	151.3	
129	85.3	71.0	106.6	
131	86.3	67.1	100.7	





#65

Chlorobenzene

Concen: 19.060 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBSD01

Tot Ion:112 Resp: 235505

Ion Ratio Lower Upper

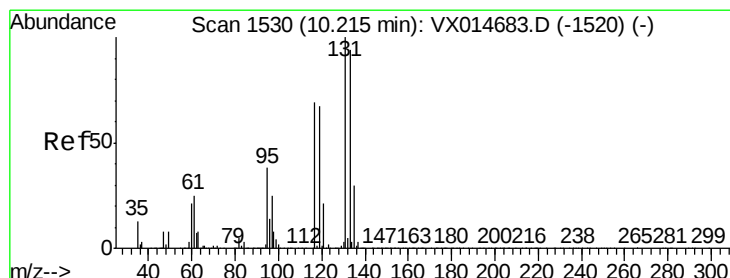
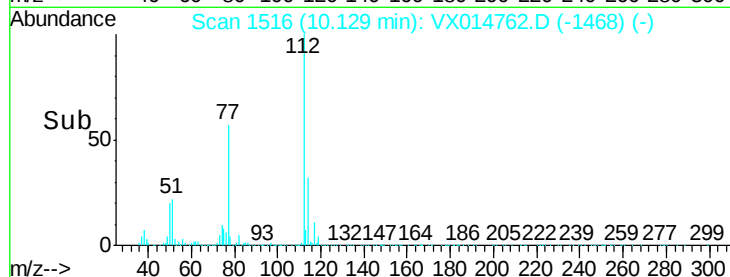
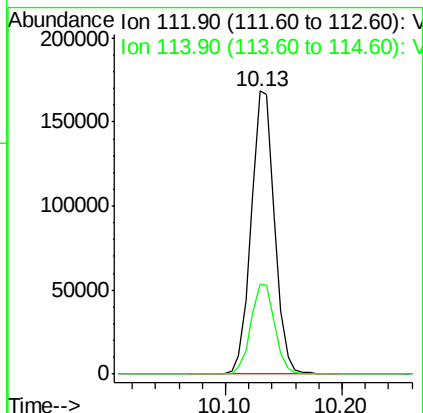
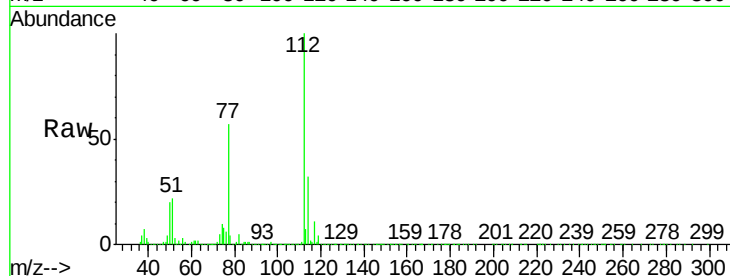
112 100

114 31.7 25.8 38.8

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.191 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

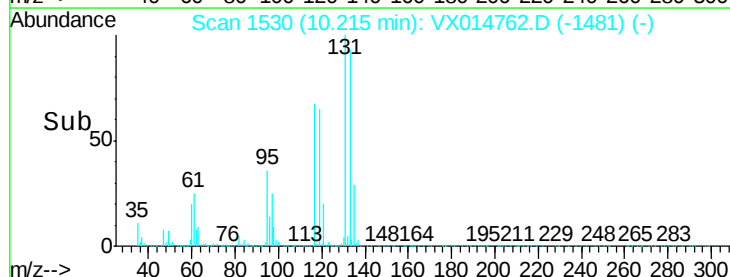
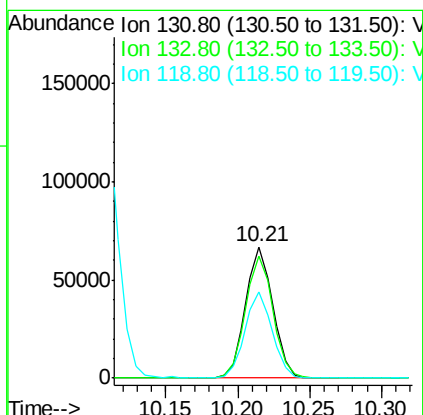
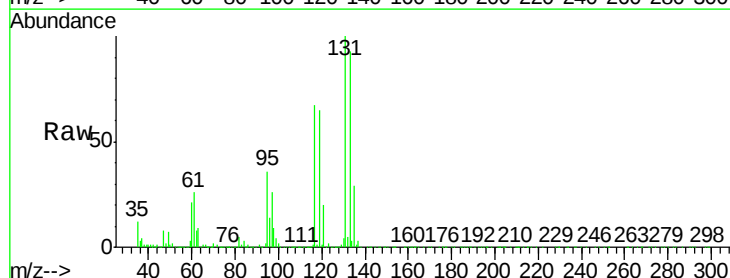
Tgt Ion:131 Resp: 87429

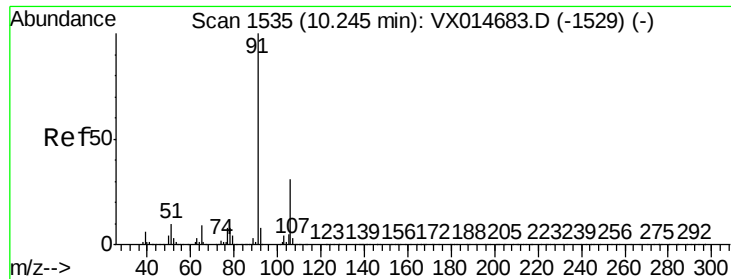
Ion Ratio Lower Upper

131 100

133 94.4 47.4 142.3

119 64.8 33.3 99.8





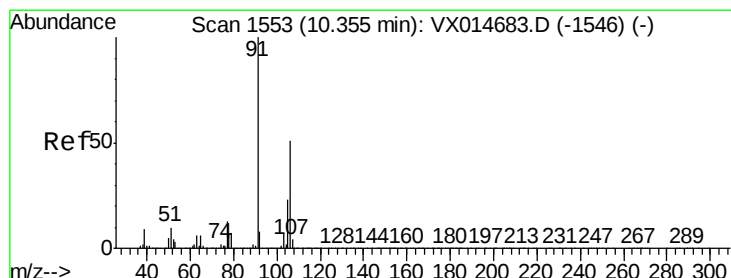
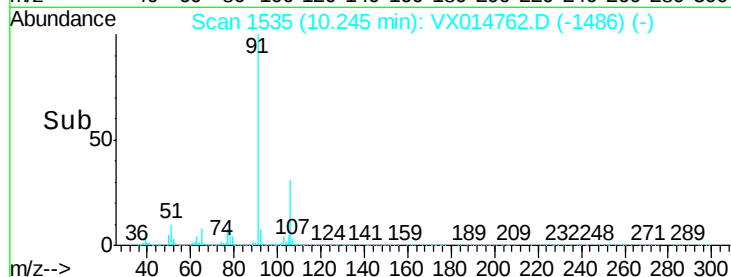
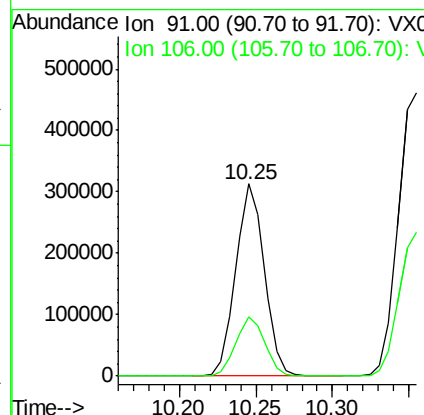
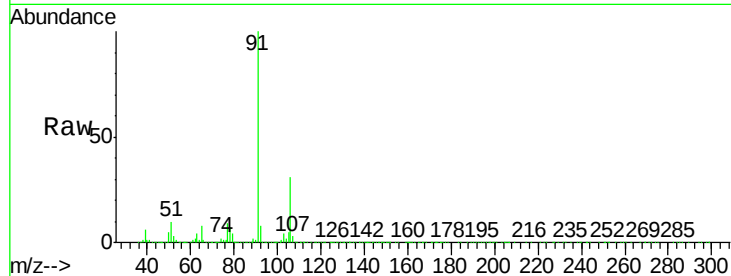
#67
Ethyl Benzene
Concen: 19.321 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Instrument :
MSVOA_X
ClientSampleID :
VX0129WBSD01

Tot Ion: 91 Resp: 407625
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

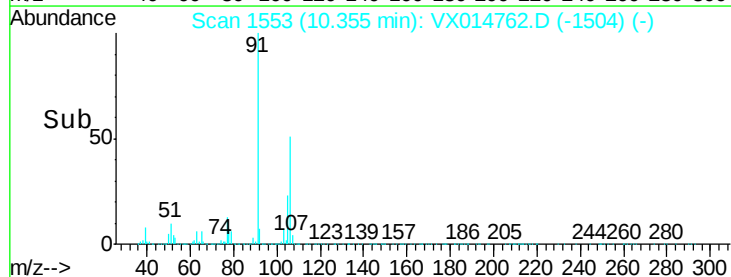
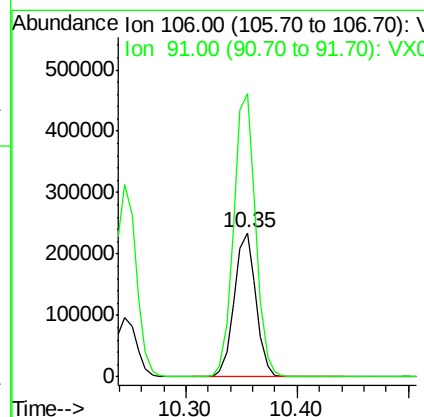
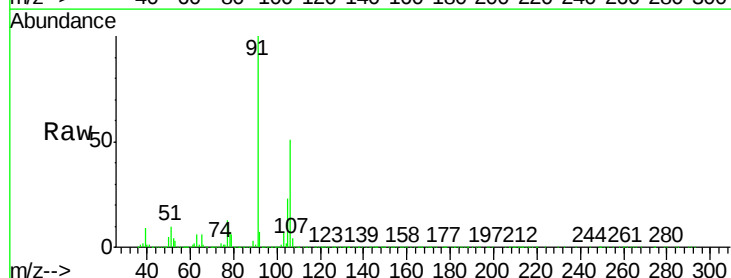
Manual Integrations
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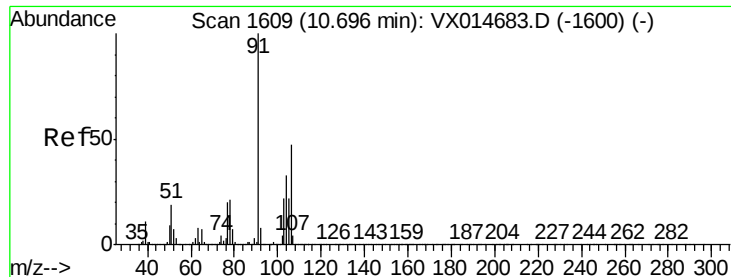
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#68
m/p-Xylenes
Concen: 39.210 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Tgt Ion: 106 Resp: 313391
Ion Ratio Lower Upper
106 100
91 199.9 159.4 239.2





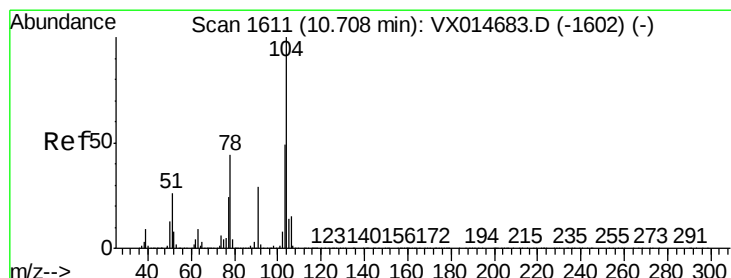
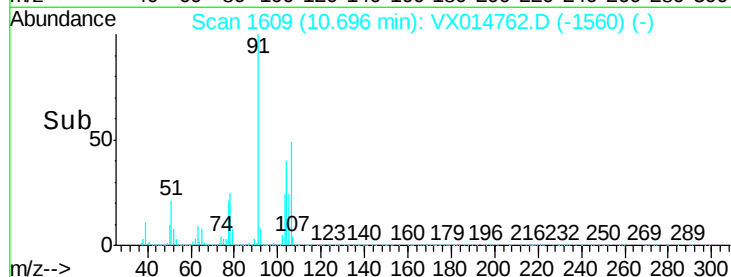
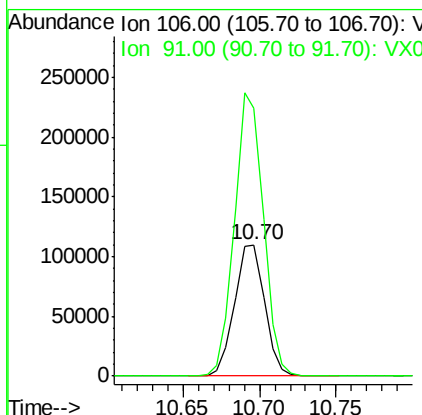
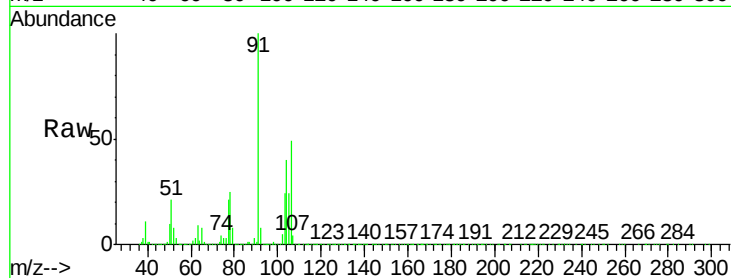
#69
o-Xylene
Concen: 19.312 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.6	106.2	318.6

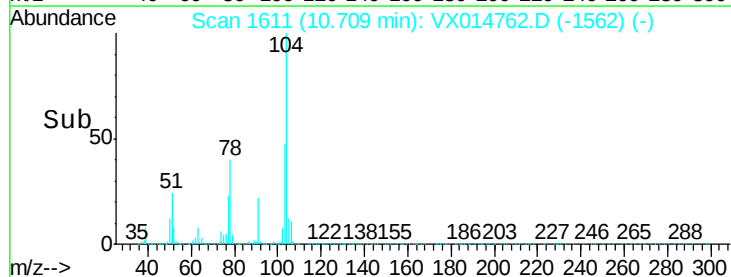
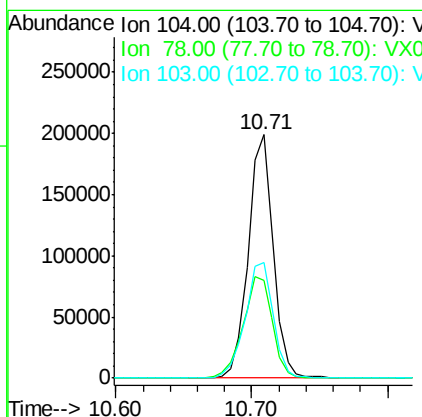
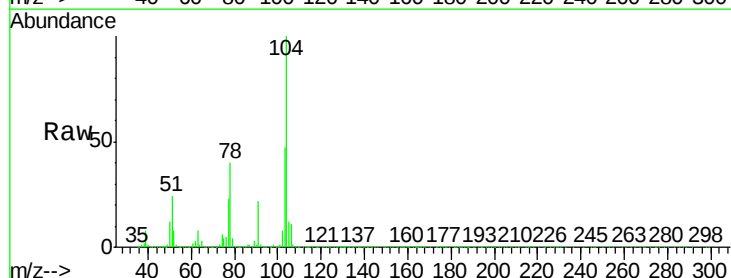
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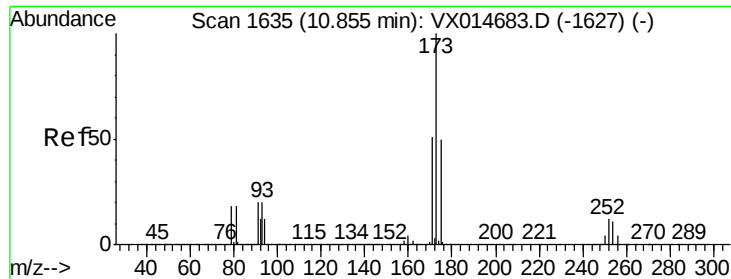
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#70
Styrene
Concen: 19.756 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.6	39.3	58.9
103	54.1	43.5	65.3





#71

Bromoform

Concen: 18.642 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Instrument :

MSVOA_X

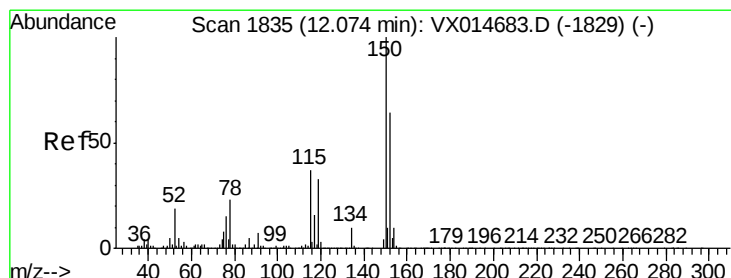
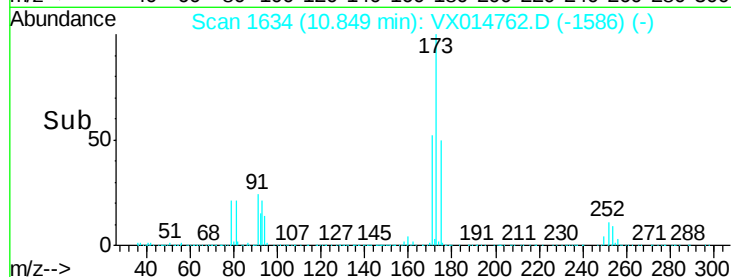
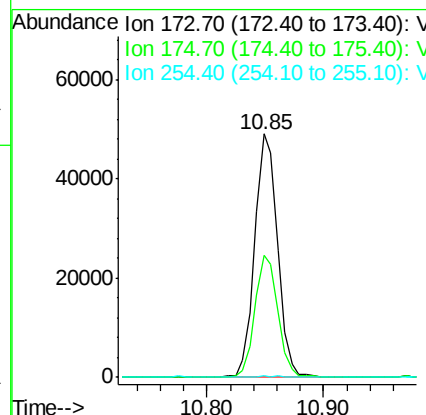
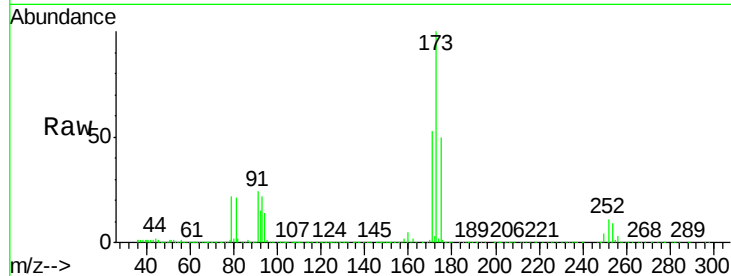
ClientSampleId :

VX0129WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.6	73.6
254	0.6	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

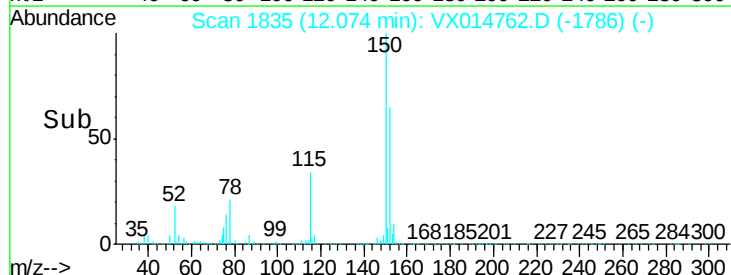
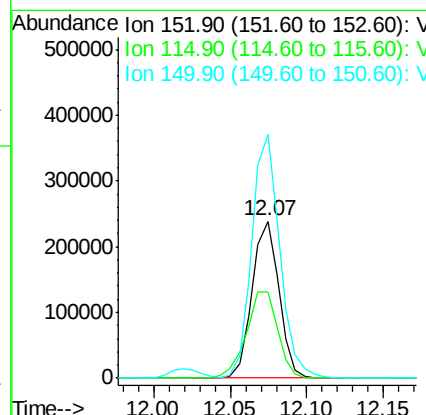
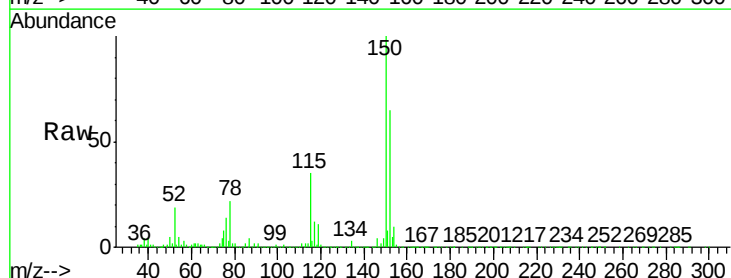
RT: 12.07 min Scan# 1835

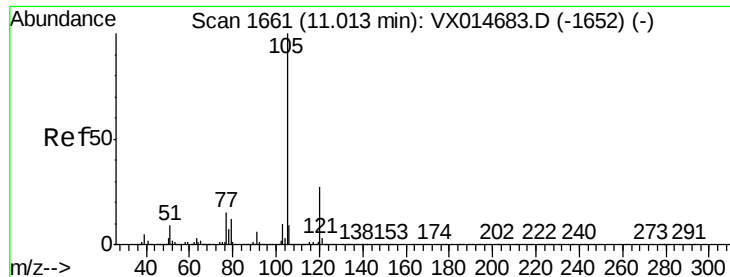
Delta R.T. 0.00 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.0	39.4	118.1
150	161.1	0.0	351.2





#73

Isopropylbenzene

Concen: 19.602 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBSD01

Tot Ion: 105 Resp: 401913

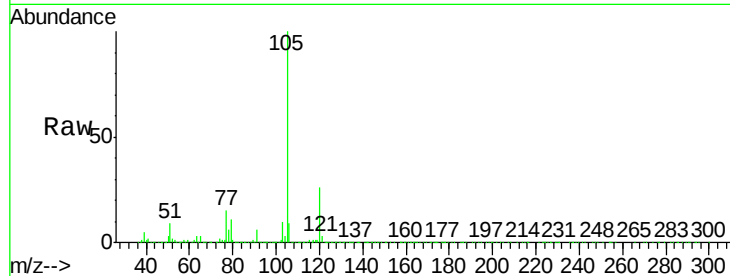
Ion Ratio Lower Upper

105 100

120 26.1 13.5 40.5

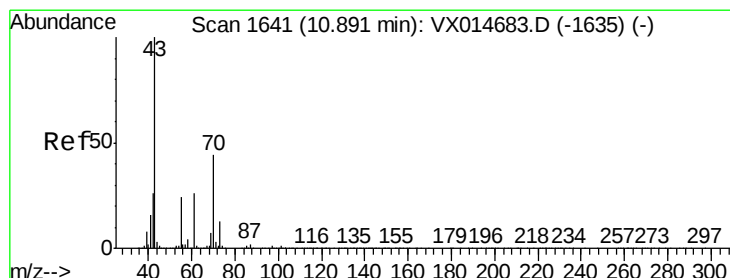
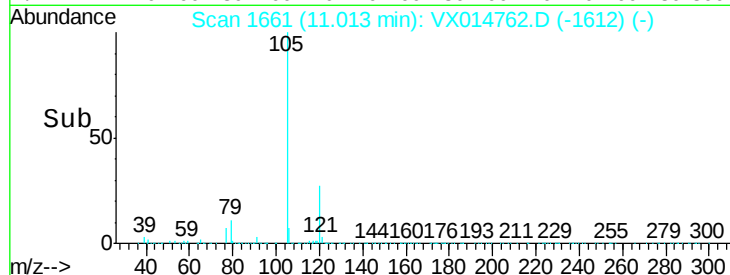
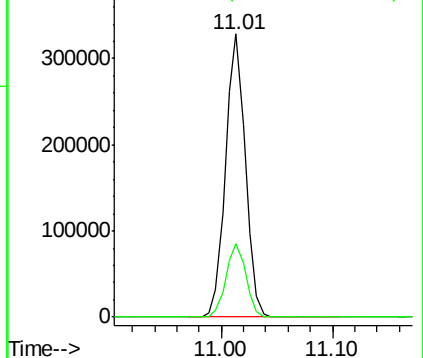
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.913 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Tgt Ion: 43 Resp: 169933

Ion Ratio Lower Upper

43 100

70 43.7 34.6 52.0

55 25.1 19.4 29.2

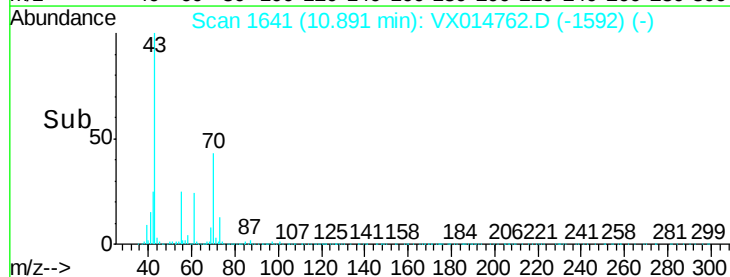
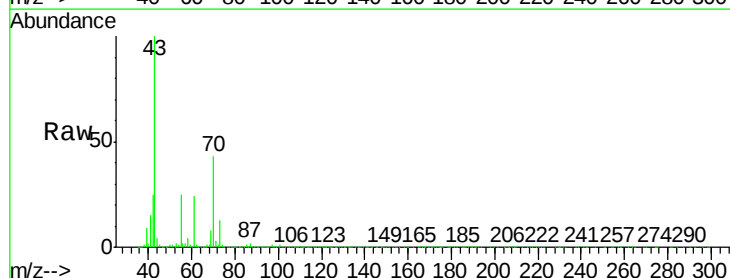
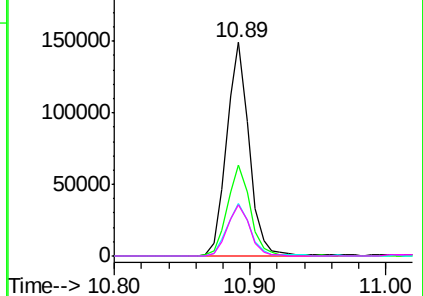
61 24.7 19.8 29.6

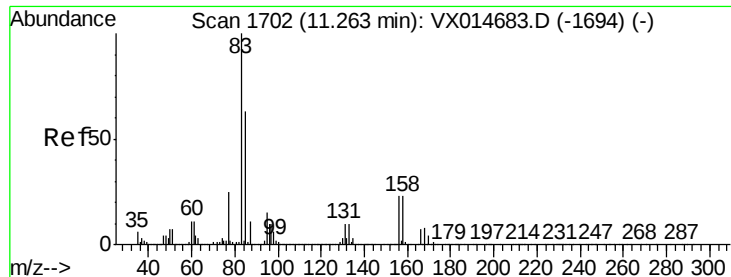
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.030 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Instrument :

MSVOA_X

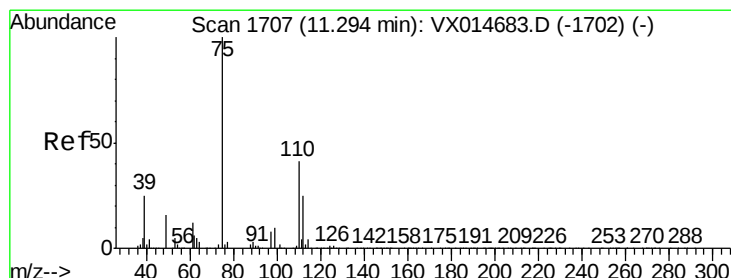
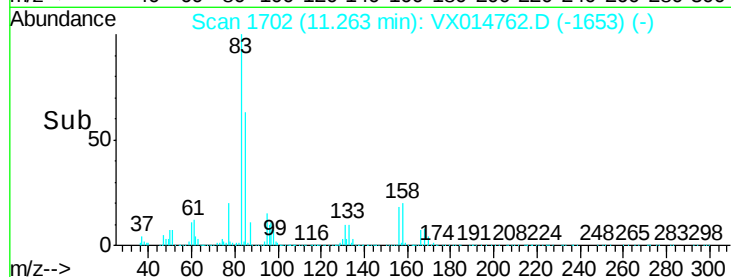
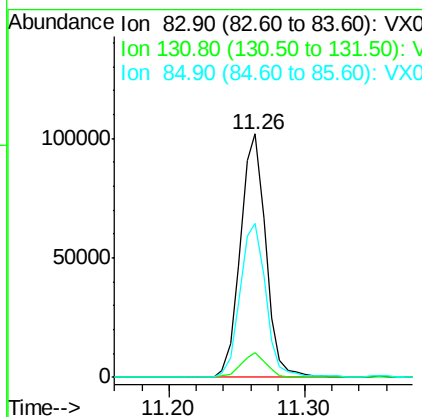
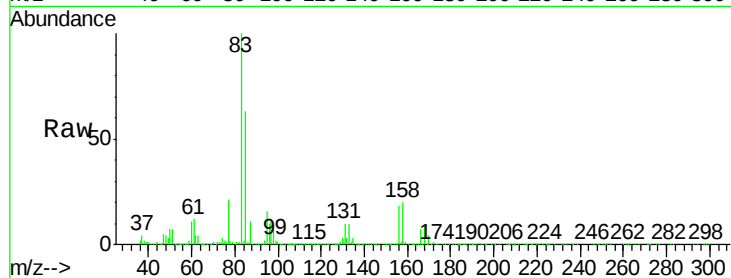
ClientSampleId :

VX0129WBSD01

Tot Ion:	83	Resp:	131994
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	15.0
85	64.4	31.7	95.1

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.726 ug/l m

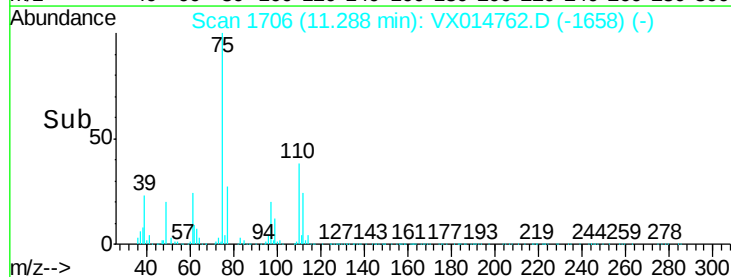
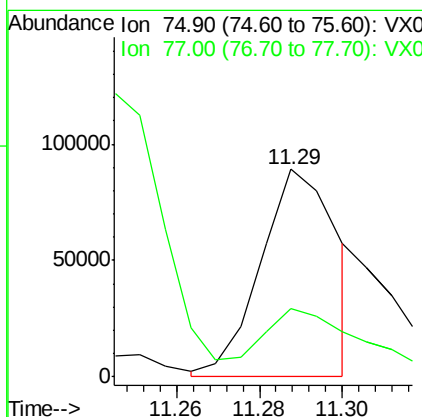
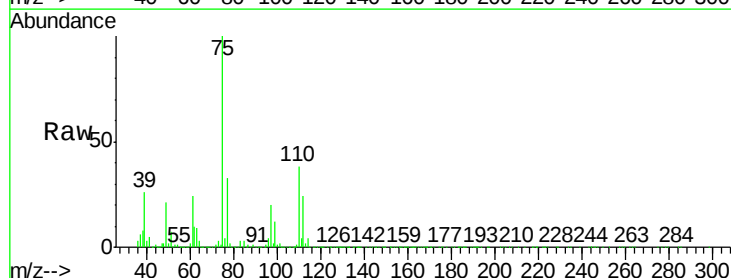
RT: 11.29 min Scan# 1706

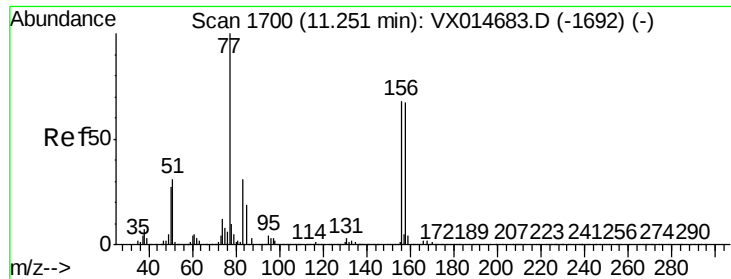
Delta R.T. -0.01 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Tgt Ion:	75	Resp:	113477
Ion Ratio	Lower	Upper	
75	100		
77	43.8	18.7	56.1





#77

Bromobenzene

Concen: 18.929 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Instrument :

MSVOA_X

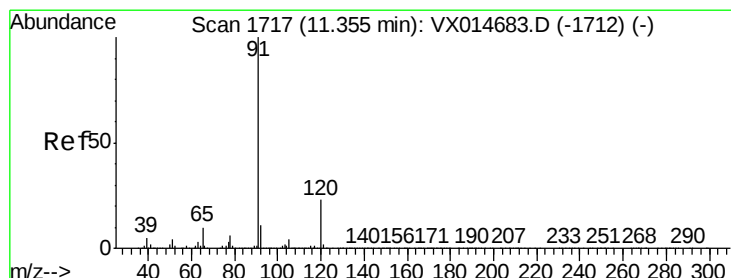
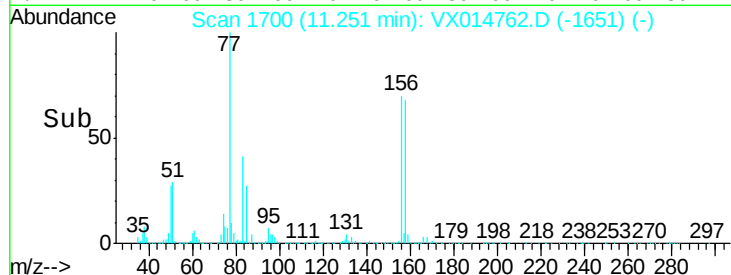
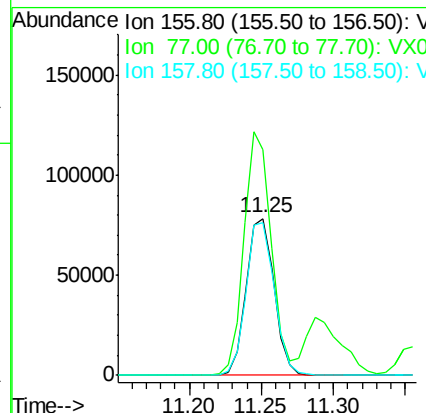
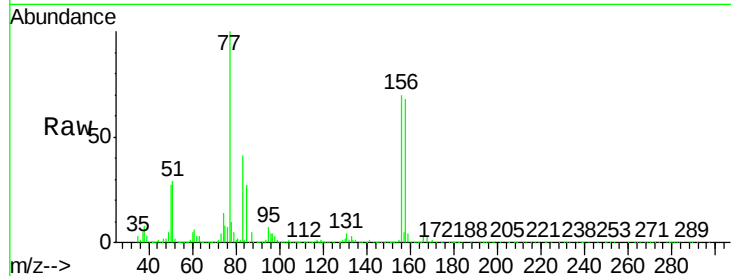
ClientSampleId :

VX0129WBSD01

Tot Ion:	156	Resp:	104269
Ion Ratio	Lower	Upper	
156	100		
77	152.1	77.5	232.5
158	99.7	49.1	147.3

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#78

n-propylbenzene

Concen: 19.403 ug/l

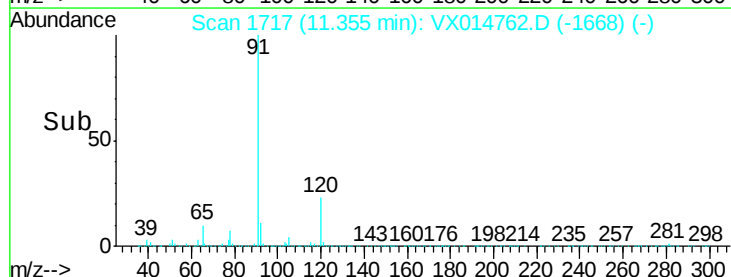
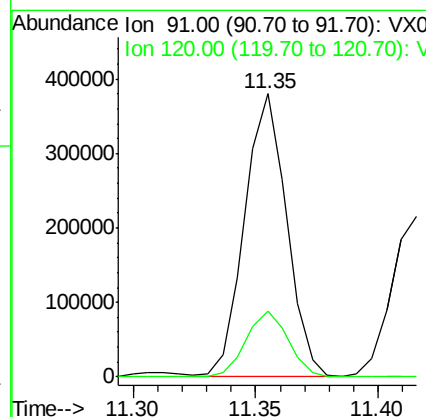
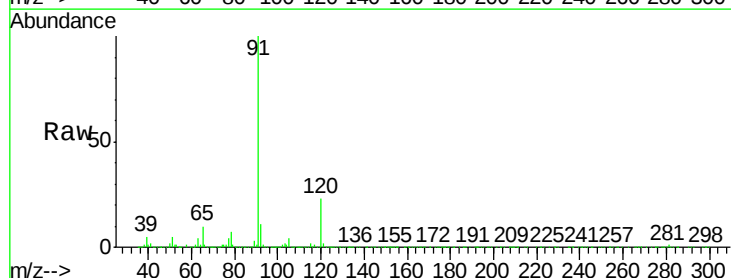
RT: 11.35 min Scan# 1717

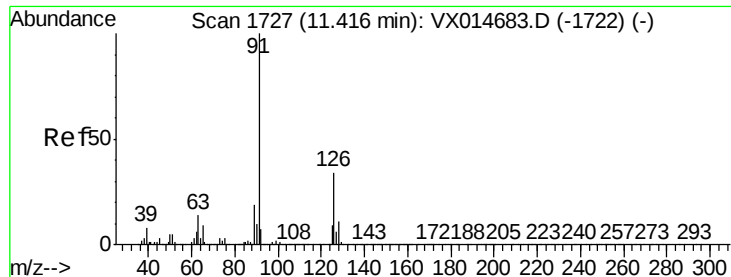
Delta R.T. 0.00 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Tgt Ion:	91	Resp:	451596
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.0





#79

2-Chlorotoluene

Concen: 19.300 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0129WBSD01

Tot Ion: 91 Resp: 271787

Ion Ratio Lower Upper

91 100

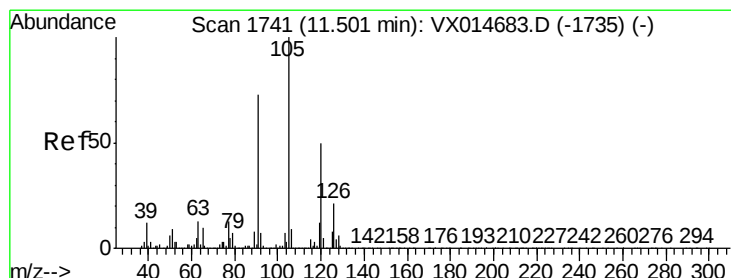
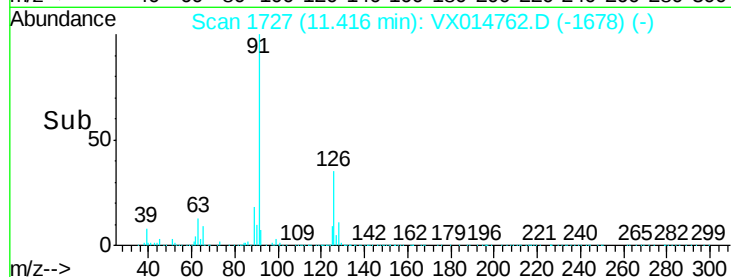
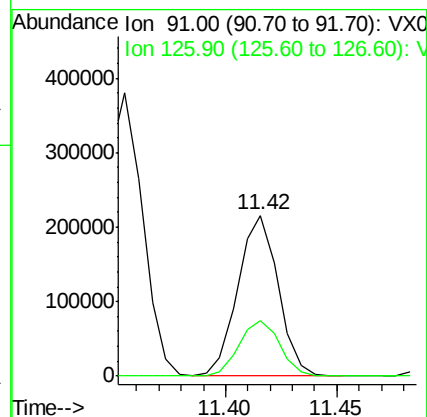
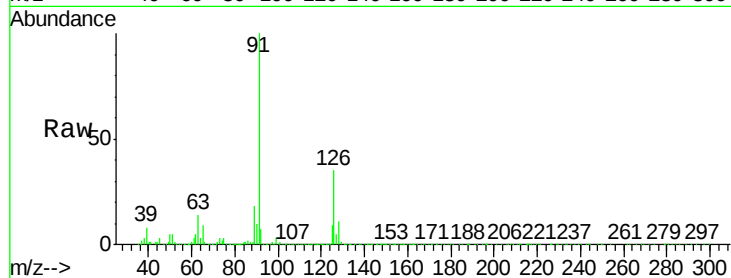
126 35.2 17.3 51.9

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#80

1,3,5-Trimethylbenzene

Concen: 19.695 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014762.D

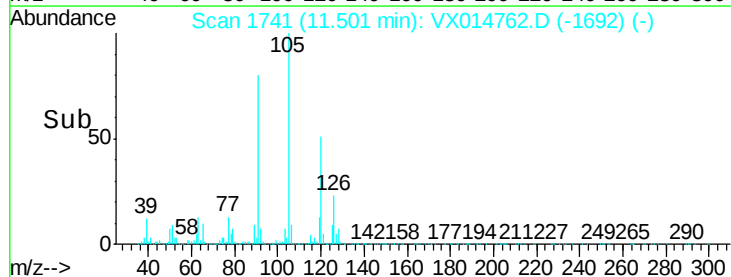
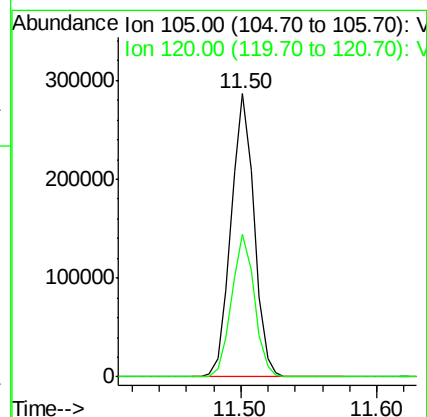
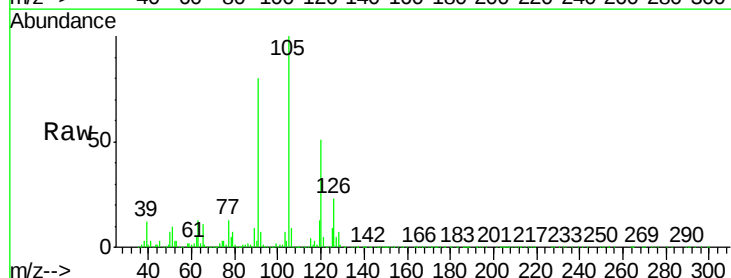
Acq: 29 Jan 2020 12:04

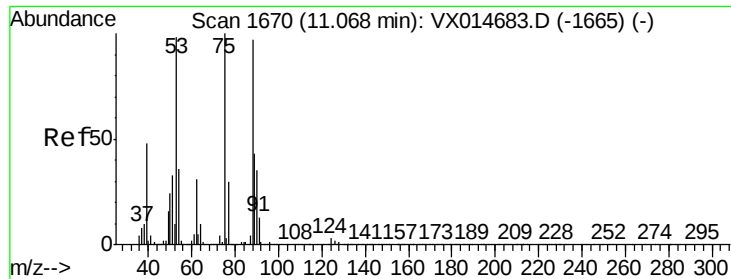
Tgt Ion: 105 Resp: 335172

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.897 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Instrument :

MSVOA_X

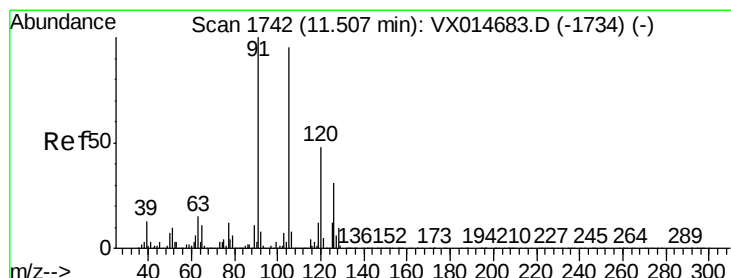
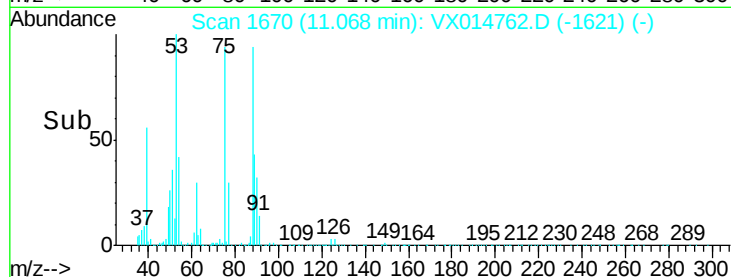
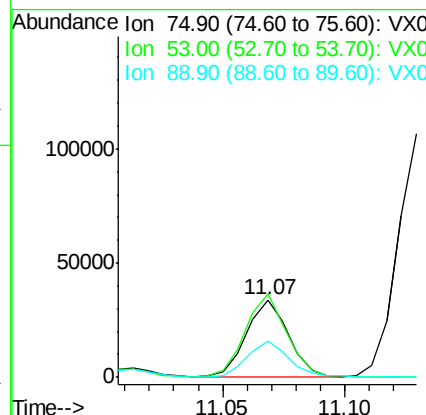
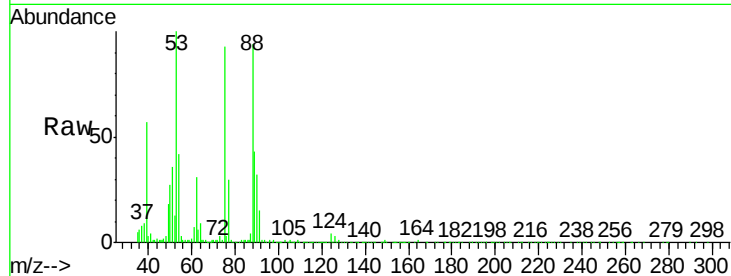
ClientSampleId :

VX0129WBSD01

Tot Ion:	75	Resp:	40283
Ion Ratio	Lower	Upper	
75	100		
53	107.0	78.8	118.2
89	47.8	35.4	53.0

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#82

4-Chlorotoluene

Concen: 19.409 ug/l

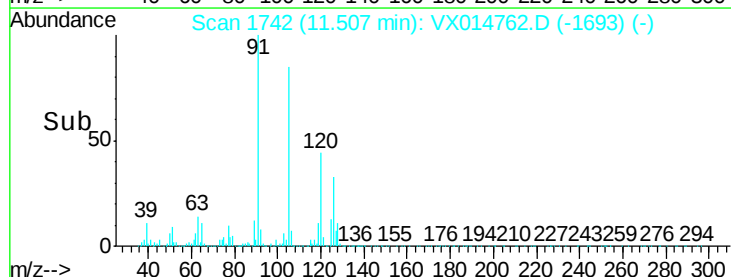
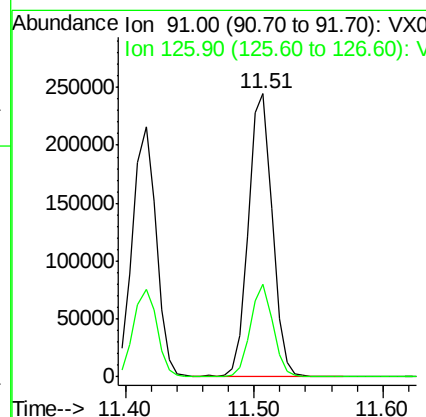
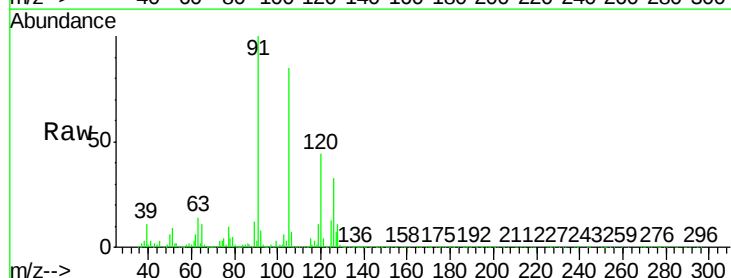
RT: 11.51 min Scan# 1742

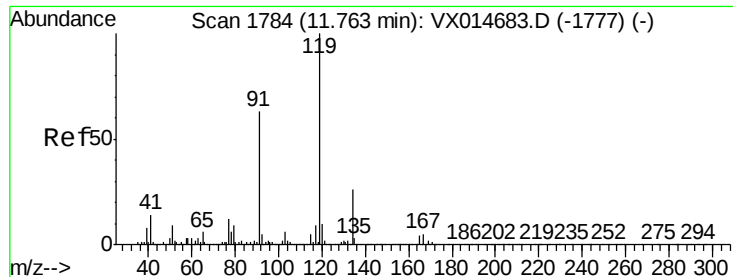
Delta R.T. 0.00 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Tgt Ion:	91	Resp:	311167
Ion Ratio	Lower	Upper	
91	100		
126	30.9	15.4	46.4





#83

tert-Butylbenzene

Concen: 19.559 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Instrument :

MSVOA_X

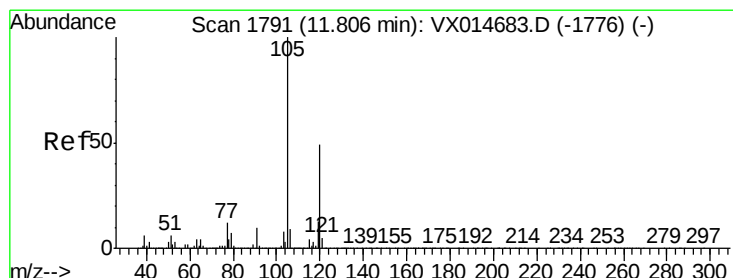
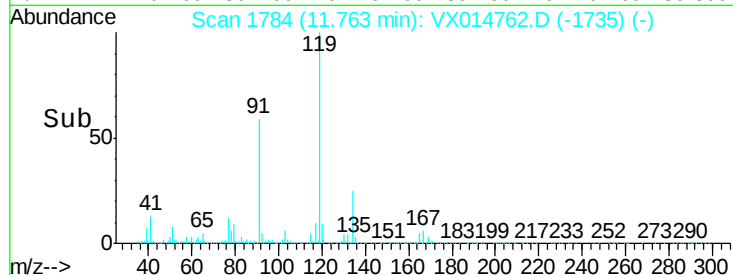
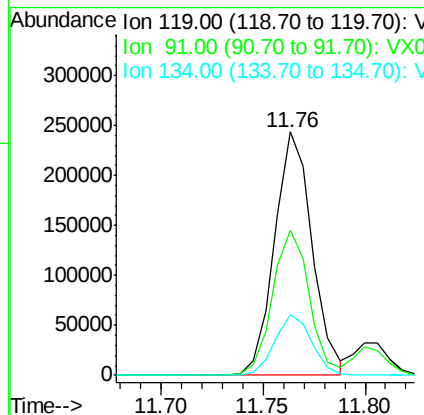
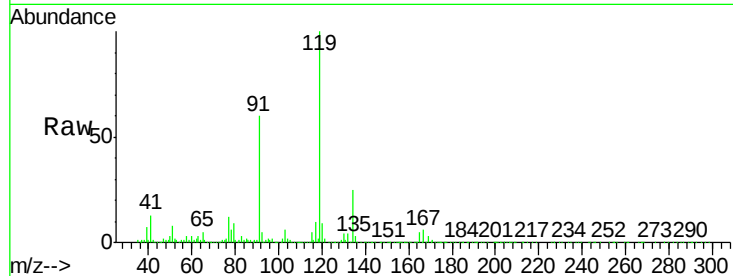
ClientSampleId :

VX0129WBSD01

Tot Ion:	119	Resp:	312769
Ion Ratio	Lower	Upper	
119	100		
91	58.4	30.0	90.0
134	24.6	12.7	38.0

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#84

1,2,4-Trimethylbenzene

Concen: 19.546 ug/l

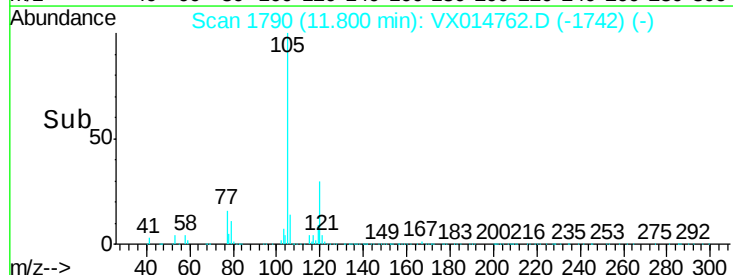
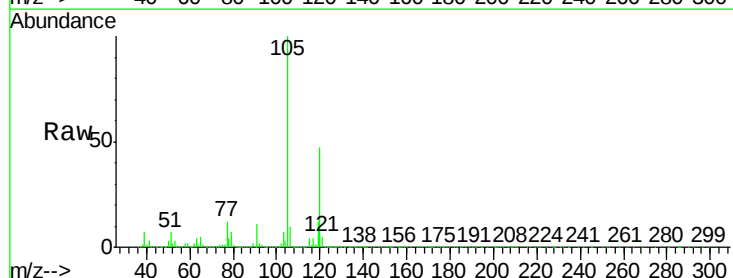
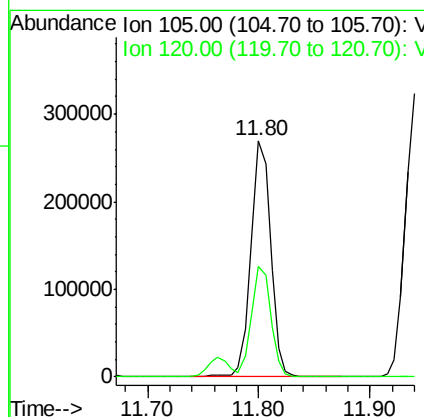
RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Tgt Ion:	105	Resp:	333645
Ion Ratio	Lower	Upper	
105	100		
120	46.2	23.4	70.0





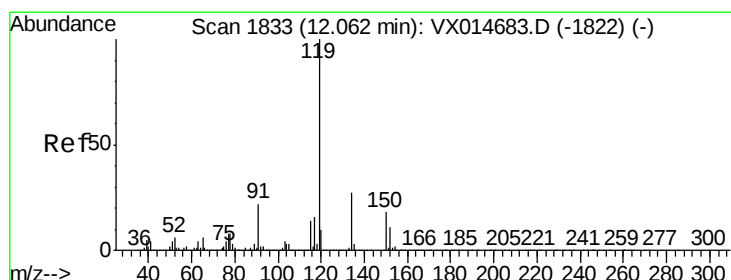
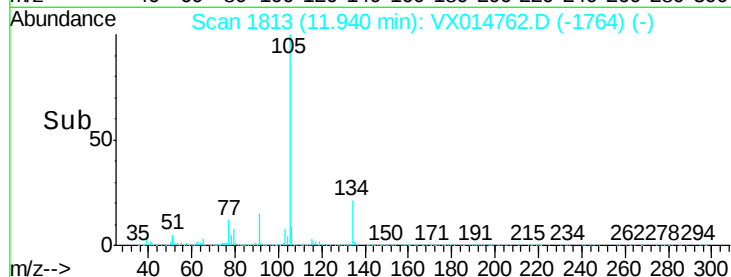
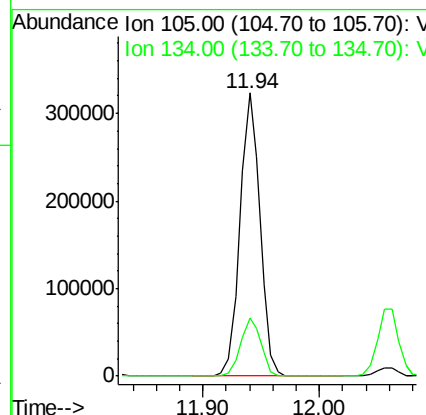
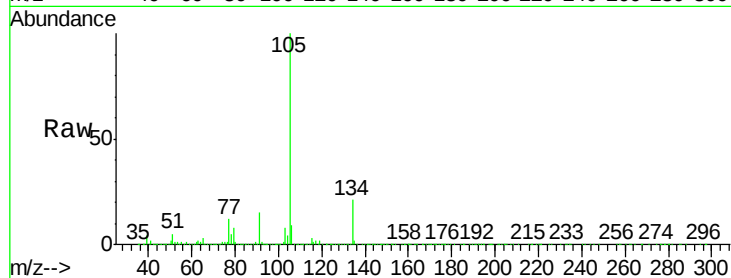
#85
 sec-Butylbenzene
 Concen: 19.772 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014762.D
 Acq: 29 Jan 2020 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0129WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.3	30.8

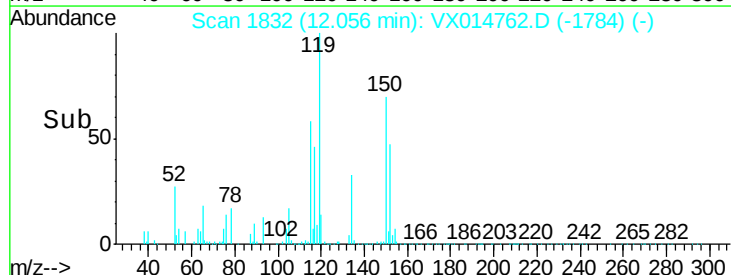
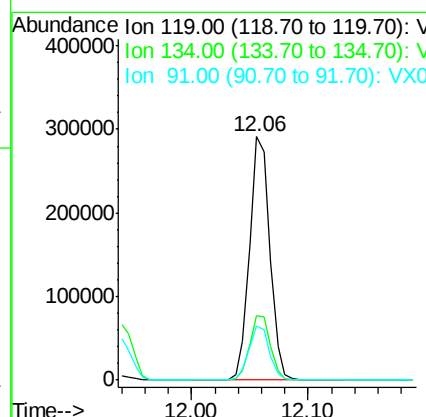
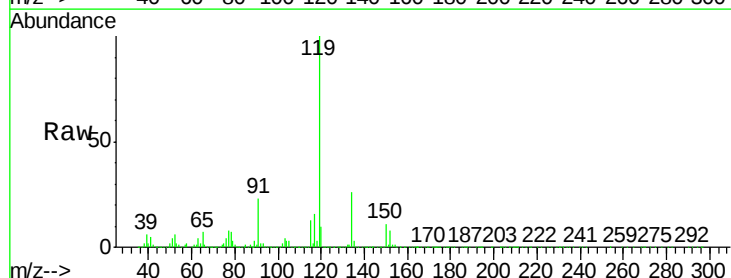
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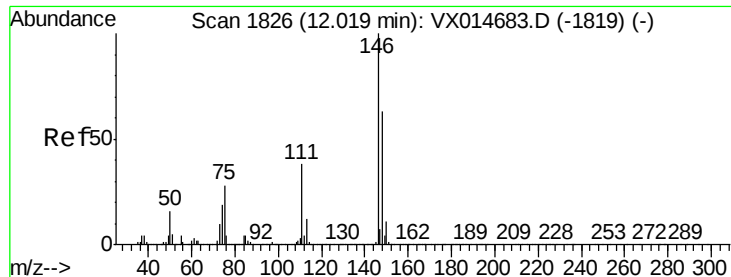
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#86
 p-Isopropyltoluene
 Concen: 19.686 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014762.D
 Acq: 29 Jan 2020 12:04

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.5	40.4
91	22.4	11.3	33.8





#87

1,3-Dichlorobenzene

Concen: 18.801 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

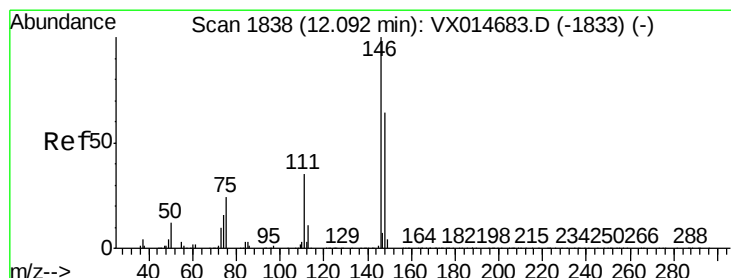
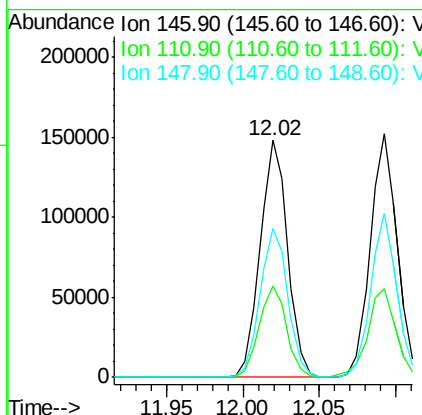
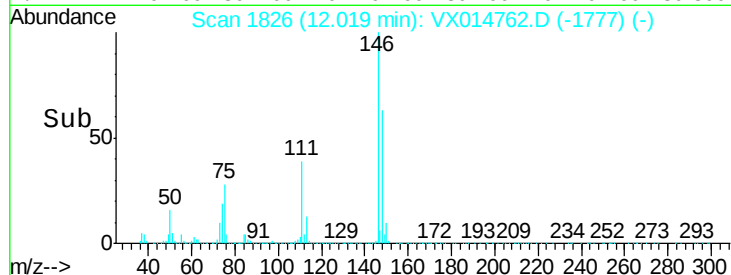
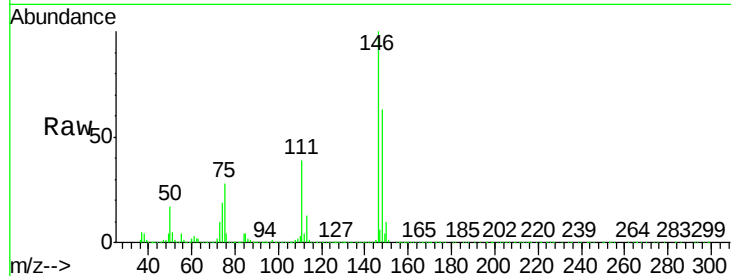
Instrument :
MSVOA_X

ClientSampleId :
VX0129WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.0	57.0
148	63.5	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 18.689 ug/l

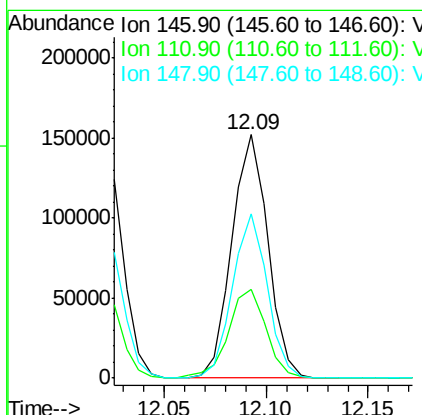
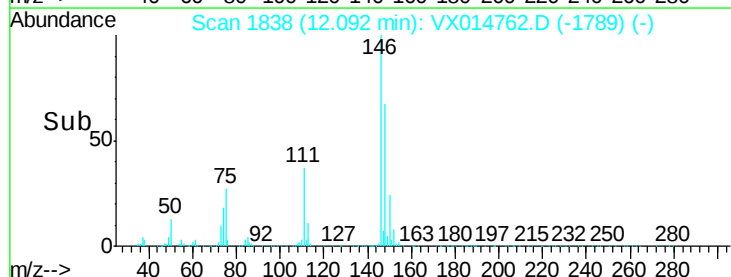
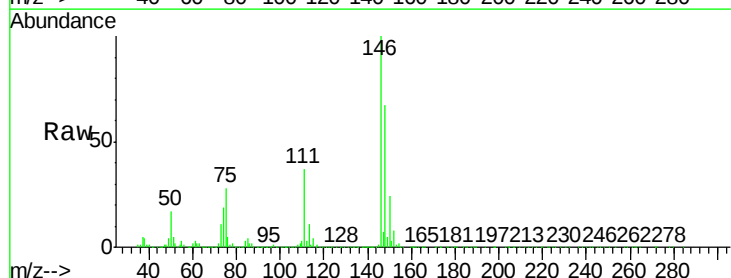
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014762.D

Acq: 29 Jan 2020 12:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.6	55.8
148	65.7	32.0	96.2





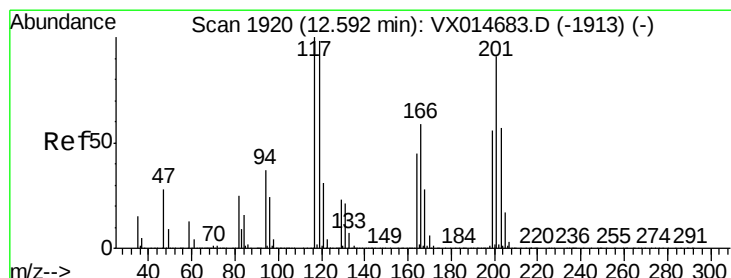
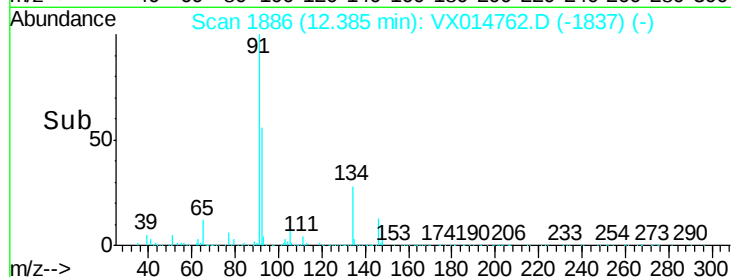
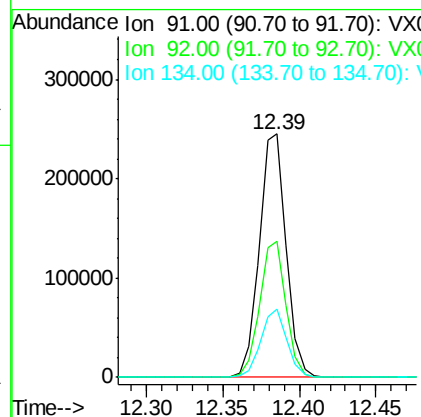
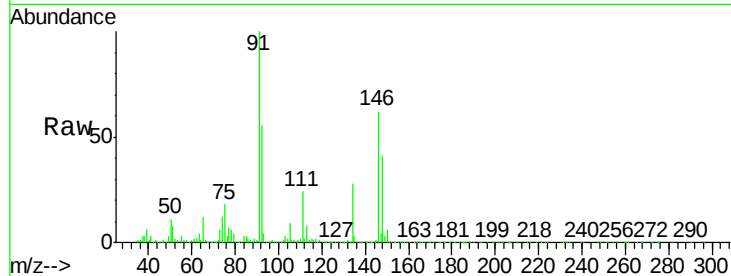
#89
n-Butylbenzene
Concen: 18.905 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	298093		
92	54.9		27.6	82.7
134	27.3		13.3	39.8

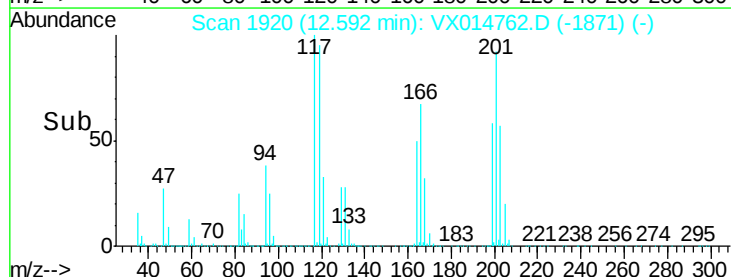
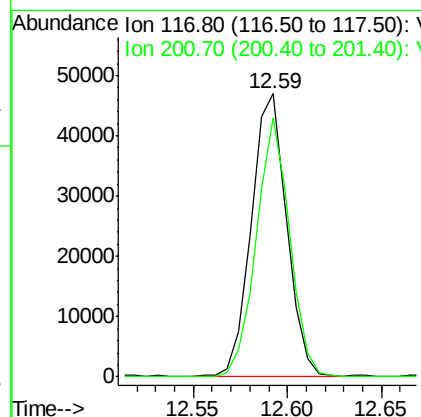
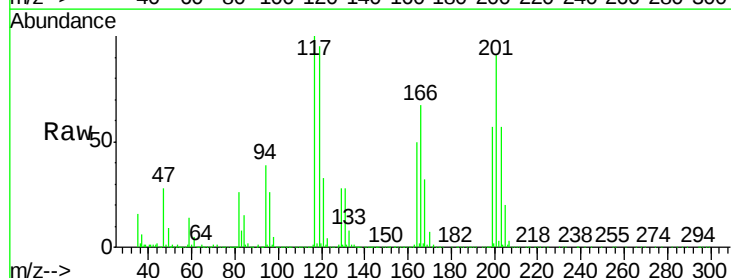
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#90
Hexachloroethane
Concen: 18.032 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	60636		
201	87.2		44.4	133.1





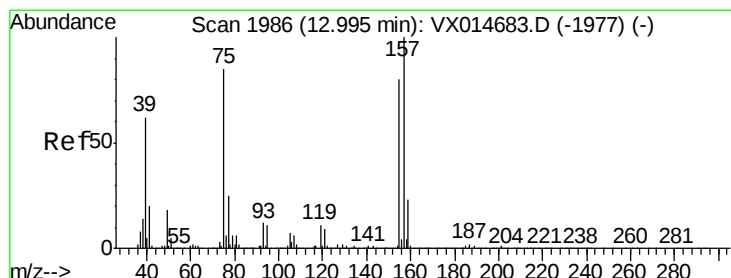
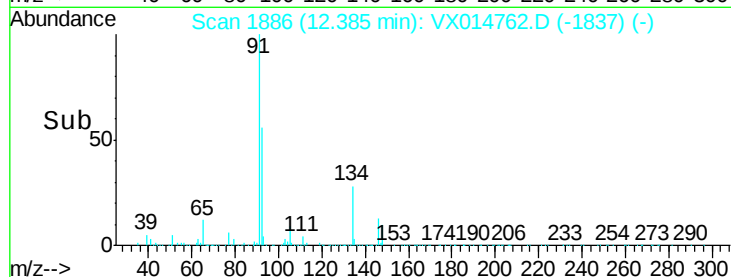
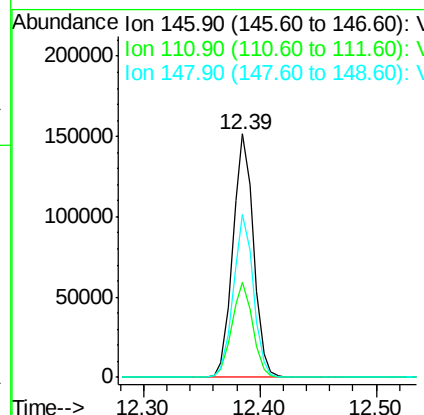
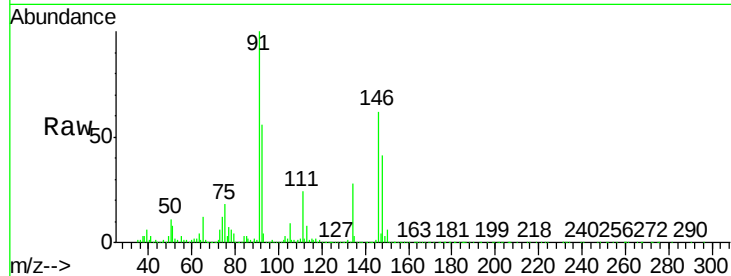
#91
 1,2-Dichlorobenzene
 Concen: 18.942 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014762.D
 Acq: 29 Jan 2020 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0129WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.8
148	65.2	31.9	95.9

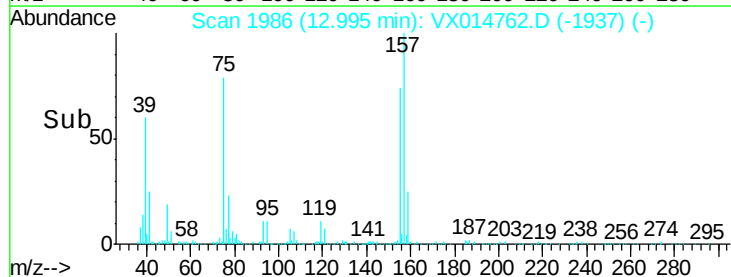
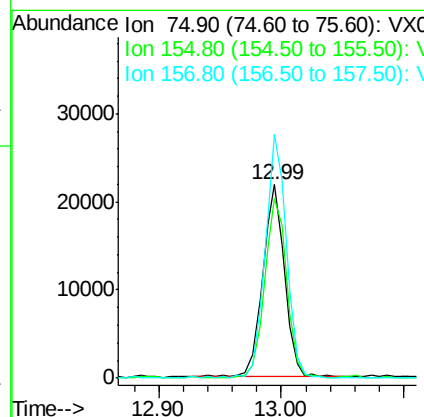
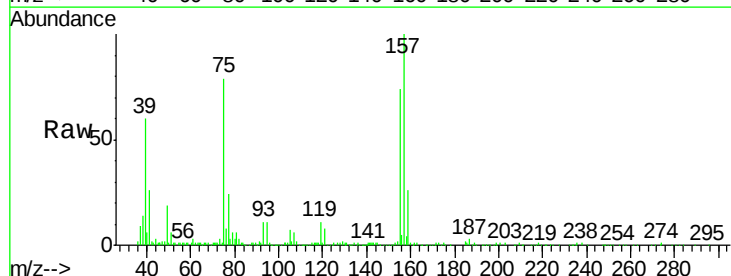
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.379 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014762.D
 Acq: 29 Jan 2020 12:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.8	45.6	136.9
157	123.0	60.3	180.9





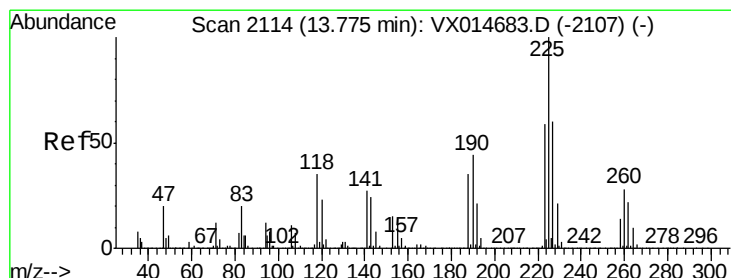
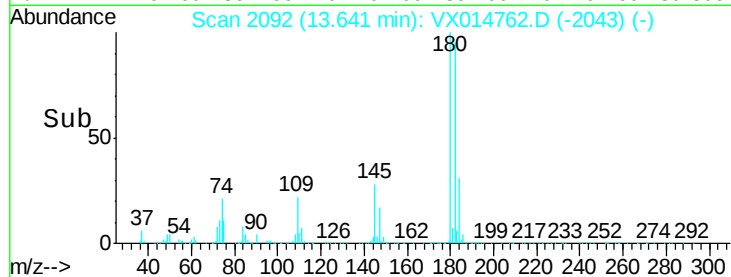
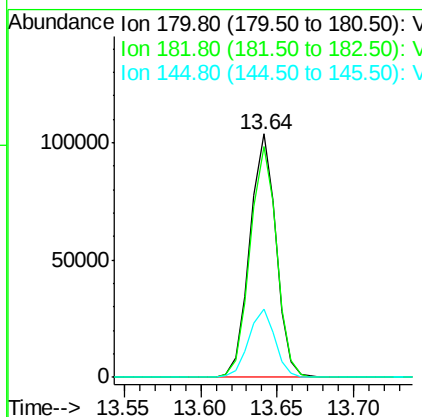
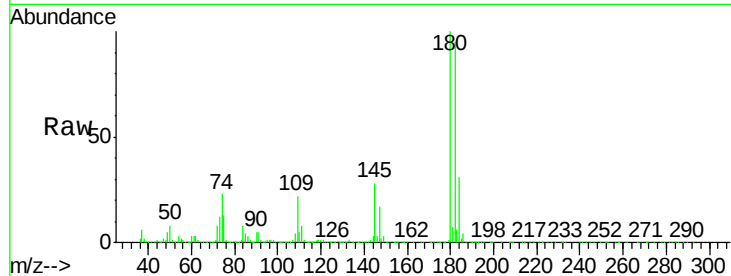
#93
 1,2,4-Trichlorobenzene
 Concen: 19.489 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014762.D
 Acq: 29 Jan 2020 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0129WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	123542		
182	96.5	48.5	145.6	
145	28.0	14.0	41.9	

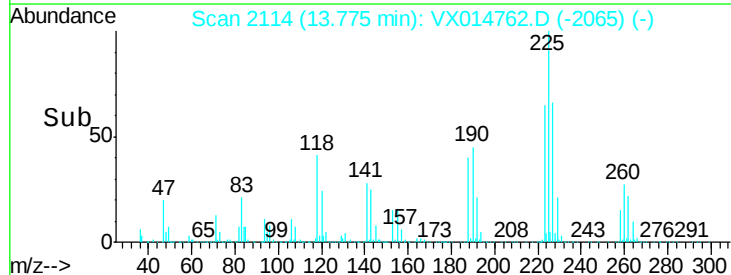
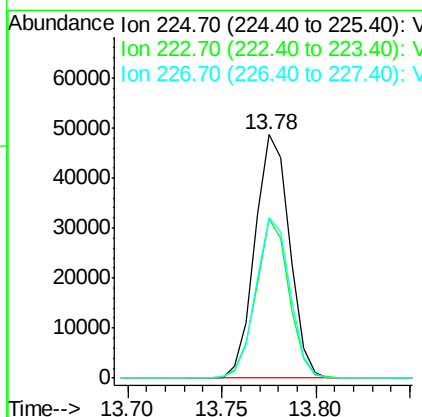
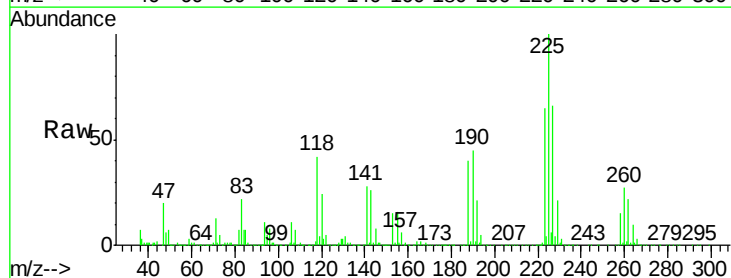
Manual Integrations
 APPROVED

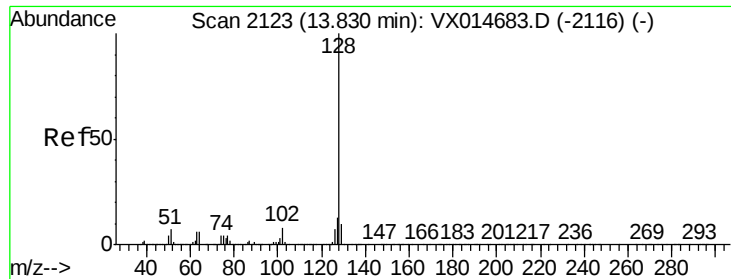
MMDadoda
 1/30/2020 10:44:11 AM



#94
 Hexachlorobutadiene
 Concen: 18.975 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014762.D
 Acq: 29 Jan 2020 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61909		
223	62.7	30.6	91.8	
227	65.2	31.4	94.0	





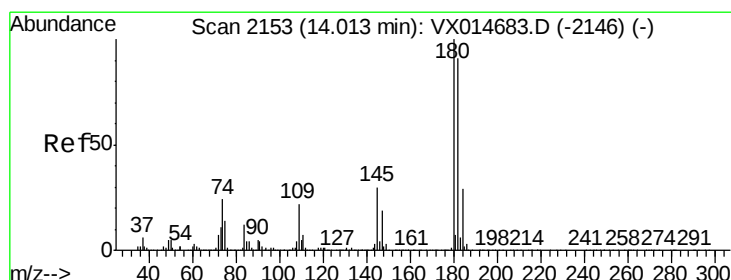
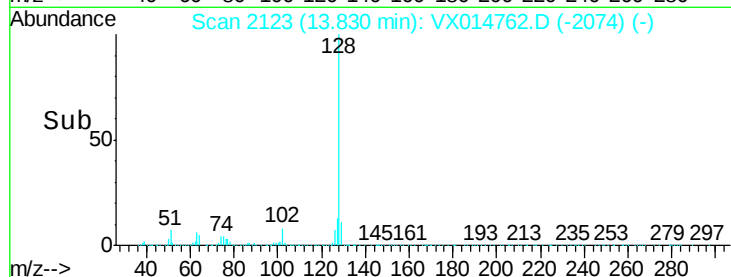
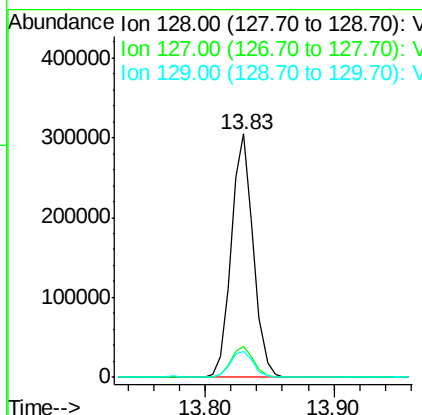
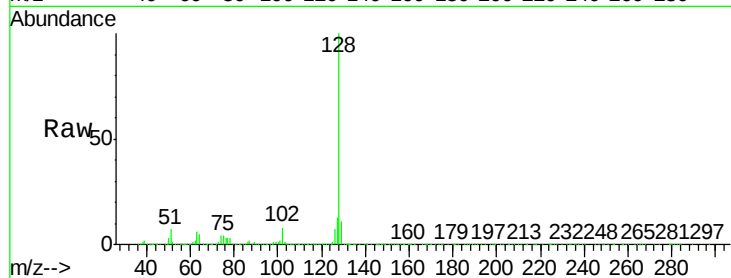
#95
Naphthalene
Concen: 18.346 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0129WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.3	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
1/30/2020 10:44:11 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.758 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014762.D
Acq: 29 Jan 2020 12:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.6	139.7
145	30.4	14.7	44.1

