

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013020\
 Data File : VX014770.D
 Acq On : 30 Jan 2020 11:22
 Operator : JC/SP
 Sample : VX0130WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/31/2020 10:52:10 AM

Quant Time: Jan 31 04:40:02 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	422642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	616956	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	564631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	286438	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	242171	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.48	113	196628	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	8.71	98	749364	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.13	95	263302	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	102591	18.423	ug/l	98
3) Chloromethane	1.32	50	104746	18.320	ug/l	98
4) Vinyl Chloride	1.40	62	120257	19.453	ug/l	99
5) Bromomethane	1.64	94	69017	16.436	ug/l	99
6) Chloroethane	1.72	64	74270	20.173	ug/l	96
7) Trichlorofluoromethane	1.92	101	136045	18.900	ug/l	95
8) Diethyl Ether	2.18	74	58438	18.599	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	81316	19.243	ug/l	97
10) Methyl Iodide	2.50	142	97124	17.516	ug/l	97
11) Tert butyl alcohol	3.02	59	92652	83.616	ug/l	96
12) 1,1-Dichloroethene	2.37	96	77634	18.478	ug/l	97
13) Acrolein	2.28	56	61016	69.838	ug/l	100
14) Allyl chloride	2.72	41	140043	18.544	ug/l	98
15) Acrylonitrile	3.13	53	235812	91.978	ug/l	99
16) Acetone	2.43	43	237663	87.959	ug/l	99
17) Carbon Disulfide	2.56	76	197824	17.228	ug/l	100
18) Methyl Acetate	2.76	43	144039	18.655	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	264460	19.217	ug/l	100
20) Methylene Chloride	2.85	84	91968	18.374	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	86127	18.618	ug/l	99
22) Diisopropyl ether	3.84	45	291373	19.393	ug/l	98
23) Vinyl Acetate	3.80	43	1085271	94.757	ug/l	100
24) 1,1-Dichloroethane	3.69	63	156028	19.122	ug/l	99
25) 2-Butanone	4.65	43	340084	87.751	ug/l	98
26) 2,2-Dichloropropane	4.57	77	123893	18.970	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	96894	18.715	ug/l	99
28) Bromochloromethane	5.00	49	63680	17.760	ug/l	96
29) Tetrahydrofuran	5.11	42	206409	89.735	ug/l	99
30) Chloroform	5.20	83	154238	19.082	ug/l	99
31) Cyclohexane	5.57	56	138444	18.040	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	130575	19.111	ug/l	99
36) 1,1-Dichloropropene	5.79	75	115824	20.204	ug/l	99
37) Ethyl Acetate	4.81	43	124832	19.012	ug/l	100
38) Carbon Tetrachloride	5.77	117	110830	20.243	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
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Manual Integrations
 APPROVED

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 1/31/2020 10:52:10 AM

Quant Time: Jan 31 04:40:02 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)
39) Methylcyclohexane	7.45	83	138138	19.234	ug/l	98
40) Benzene	6.13	78	352298	19.889	ug/l	99
41) Methacrylonitrile	5.03	41	67904	17.964	ug/l	96
42) 1,2-Dichloroethane	6.18	62	125467	20.512	ug/l	99
43) Isopropyl Acetate	6.43	43	203021	18.882	ug/l	99
44) Trichloroethene	7.21	130	97453	19.478	ug/l	99
45) 1,2-Dichloropropane	7.50	63	90695	19.875	ug/l	100
46) Dibromomethane	7.65	93	59474	20.124	ug/l	97
47) Bromodichloromethane	7.89	83	117943	20.347	ug/l	94
48) Methyl methacrylate	7.76	41	100159	19.497	ug/l	98
49) 1,4-Dioxane	7.73	88	42497	390.248	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	653683	96.326	ug/l	100
52) Toluene	8.78	92	223206	20.500	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	124194	19.898	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	140590	20.475	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	91144	20.445	ug/l	99
56) Ethyl methacrylate	9.17	69	133988	18.881	ug/l	98
57) 1,3-Dichloropropane	9.37	76	155310	20.380	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	215049	95.922	ug/l	99
59) 2-Hexanone	9.48	43	503699	95.652	ug/l	100
60) Dibromochloromethane	9.57	129	93019	19.991	ug/l	99
61) 1,2-Dibromoethane	9.67	107	94052	19.954	ug/l	100
64) Tetrachloroethene	9.33	164	111498	19.949	ug/l	99
65) Chlorobenzene	10.13	112	238116	19.716	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	88074	19.779	ug/l	100
67) Ethyl Benzene	10.25	91	418867	20.312	ug/l	100
68) m/p-Xylenes	10.35	106	319732	40.926	ug/l	100
69) o-Xylene	10.70	106	149551	19.829	ug/l	100
70) Styrene	10.71	104	256720	20.292	ug/l	100
71) Bromoform	10.85	173	69693	19.681	ug/l #	99
73) Isopropylbenzene	11.01	105	411445	20.429	ug/l	99
74) N-amyl acetate	10.89	43	170458	19.314	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	133355	18.544	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	112086m	16.819	ug/l	
77) Bromobenzene	11.25	156	107074	19.789	ug/l	97
78) n-propylbenzene	11.35	91	466856	20.421	ug/l	99
79) 2-Chlorotoluene	11.42	91	281055	20.318	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	341475	20.428	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41448	17.700	ug/l	97
82) 4-Chlorotoluene	11.51	91	318891	20.250	ug/l	99
83) tert-Butylbenzene	11.76	119	320264	20.389	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	342841	20.448	ug/l	99
85) sec-Butylbenzene	11.94	105	394763	20.515	ug/l	100
86) p-Isopropyltoluene	12.06	119	365452	20.551	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	189838	19.523	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	187663	19.266	ug/l	98
89) n-Butylbenzene	12.38	91	303840	19.618	ug/l	100
90) Hexachloroethane	12.59	117	62569	18.943	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	190662	19.742	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27274	17.653	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

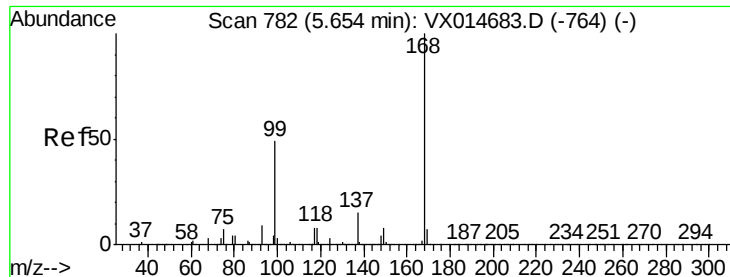
Manual Integrations
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1/31/2020 10:52:10 AM

Quant Time: Jan 31 04:40:02 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)
93) 1,2,4-Trichlorobenzene	13.64	180	122590	19.688	ug/l	99
94) Hexachlorobutadiene	13.77	225	66665	20.802	ug/l	99
95) Naphthalene	13.83	128	353531	18.211	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	127191	20.202	ug/l	97

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



#1

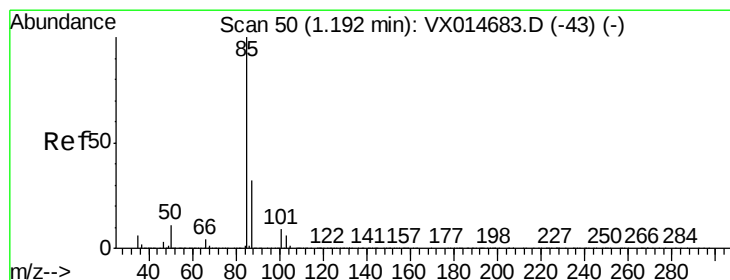
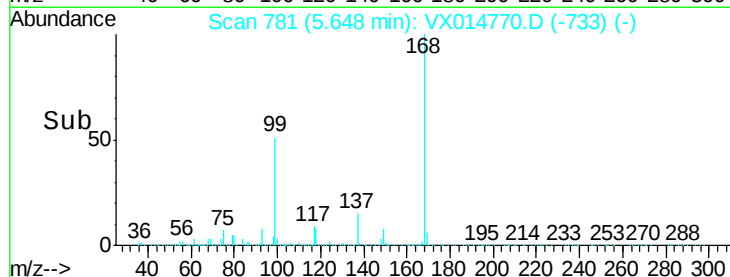
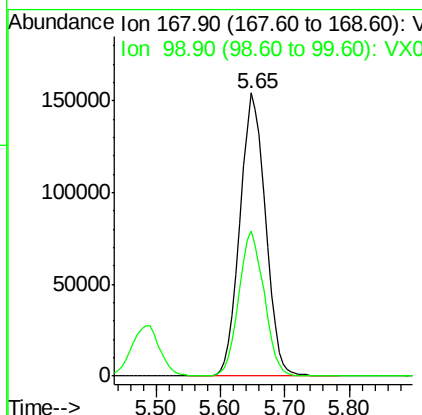
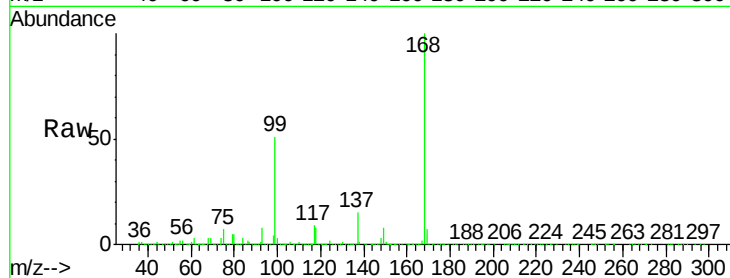
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Instrument :
 MSVOA_X
 ClientSampled :
 VX0130WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.3	39.8	59.6

Manual Integrations
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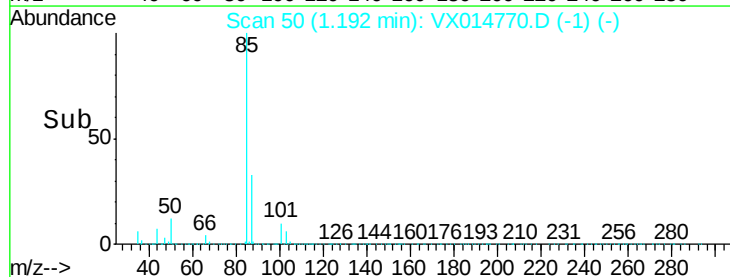
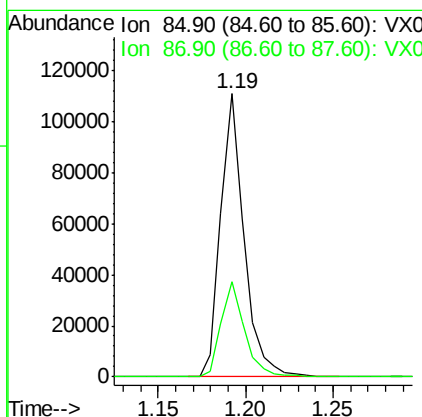
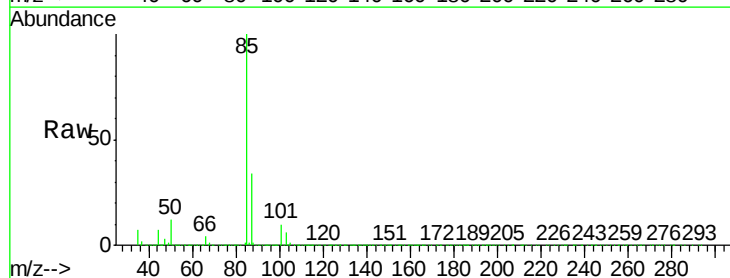
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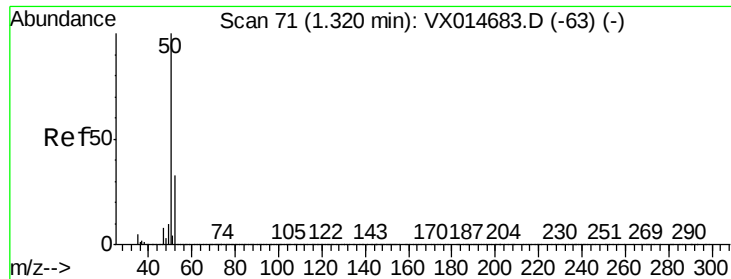


#2

Dichlorodifluoromethane
 Concen: 18.423 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.2	48.5





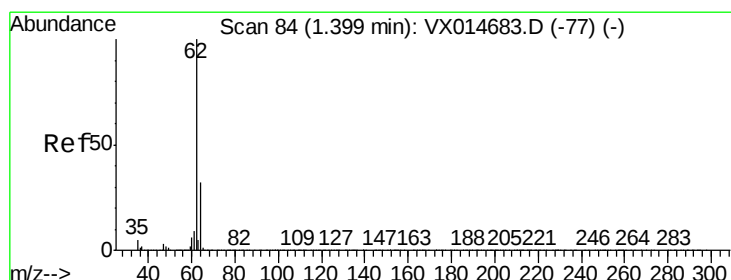
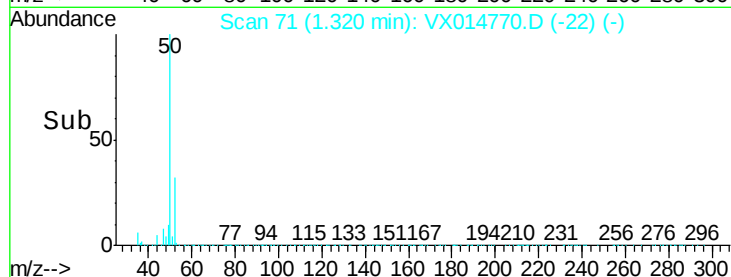
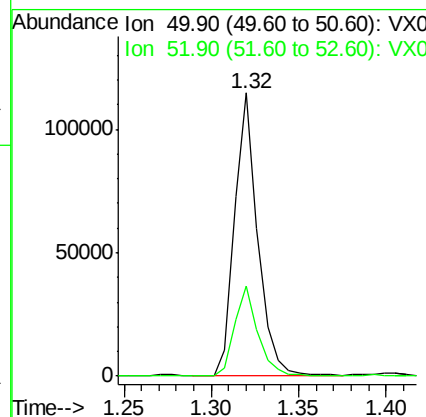
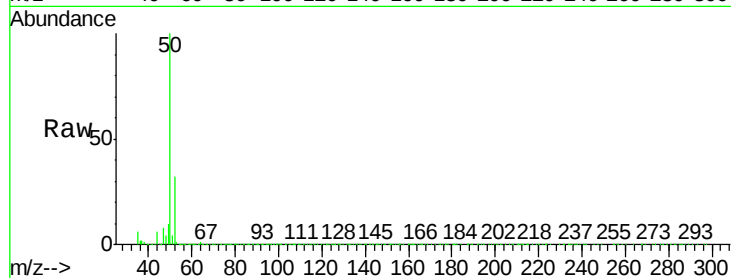
#3
Chloromethane
Concen: 18.320 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion	Ratio	Lower	Upper
50	100		
52	31.7	26.2	39.2

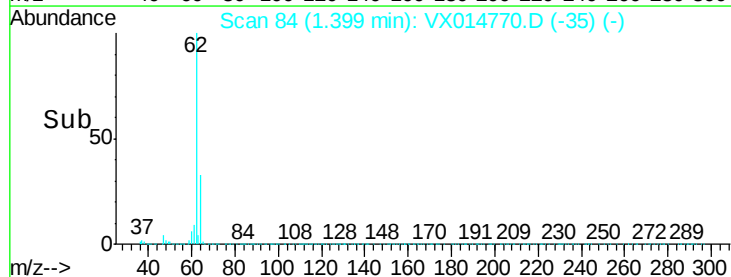
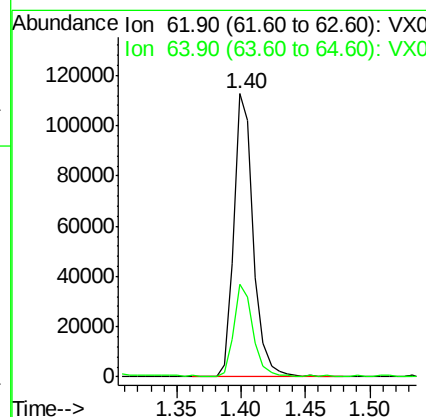
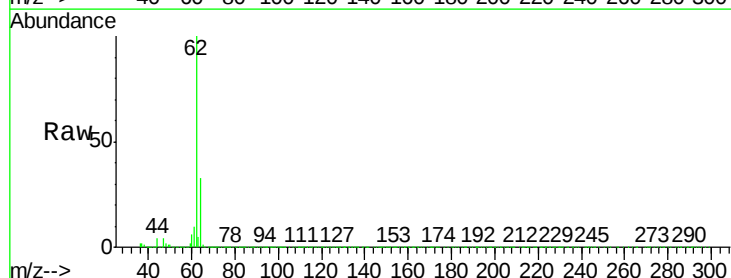
Manual Integrations
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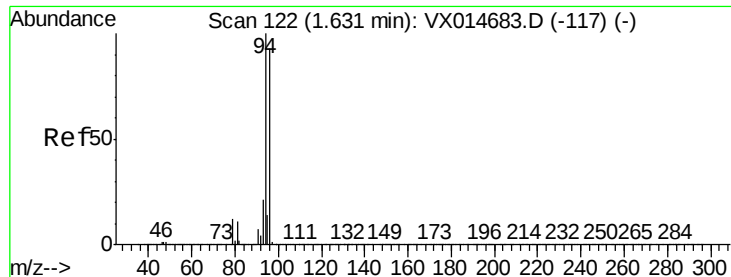
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#4
Vinyl Chloride
Concen: 19.453 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.4	38.2





#5

Bromomethane

Concen: 16.436 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBS01

Tot Ion: 94 Resp: 69017

Ion Ratio Lower Upper

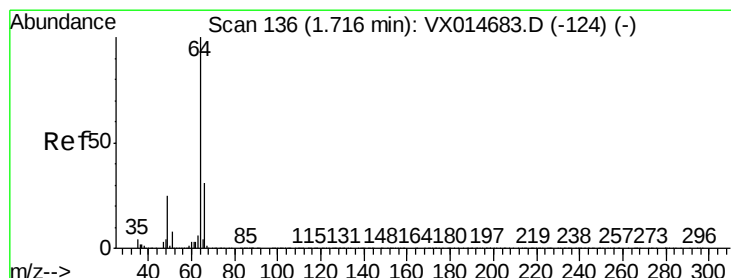
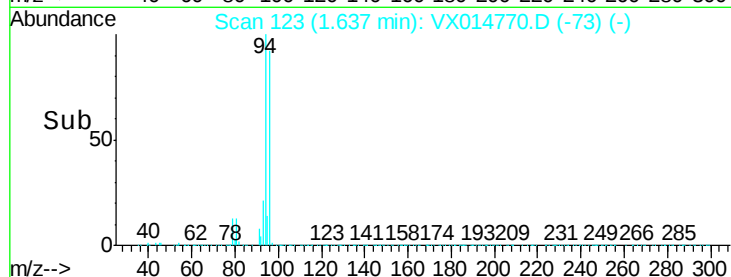
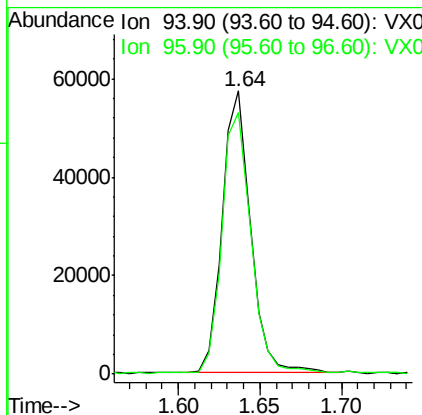
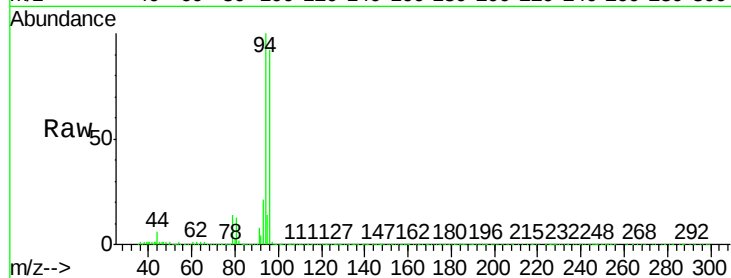
94 100

96 92.4 74.7 112.1

Manual Integrations
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#6

Chloroethane

Concen: 20.173 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014770.D

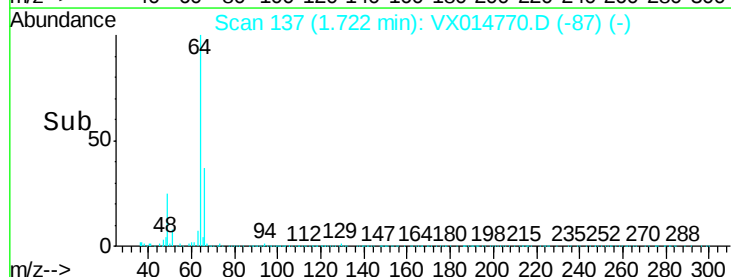
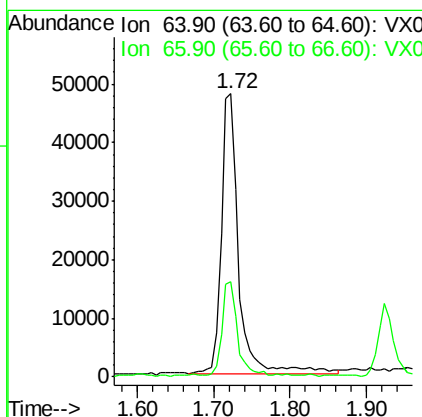
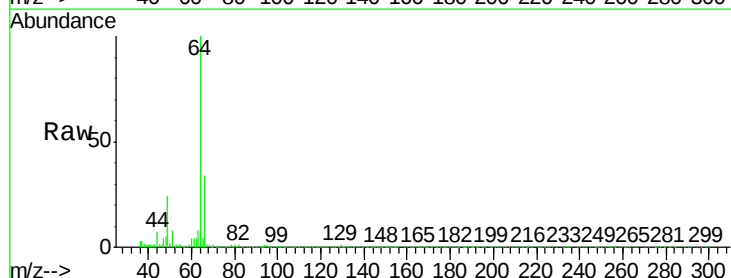
Acq: 30 Jan 2020 11:22

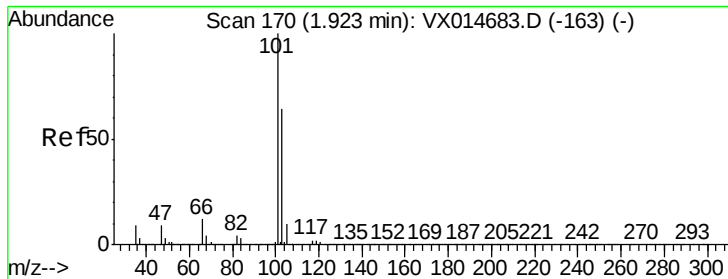
Tgt Ion: 64 Resp: 74270

Ion Ratio Lower Upper

64 100

66 33.5 25.2 37.8





#7

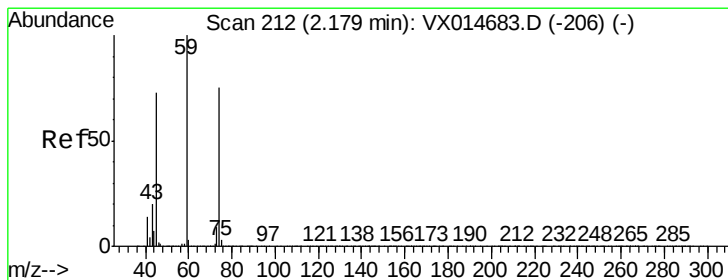
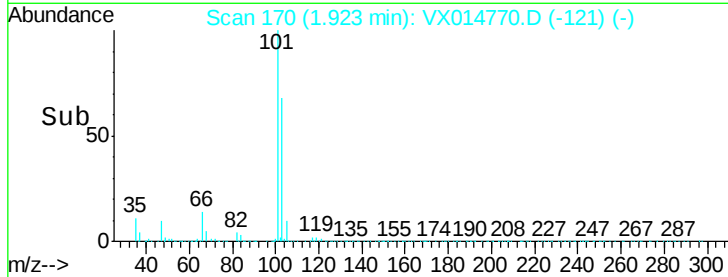
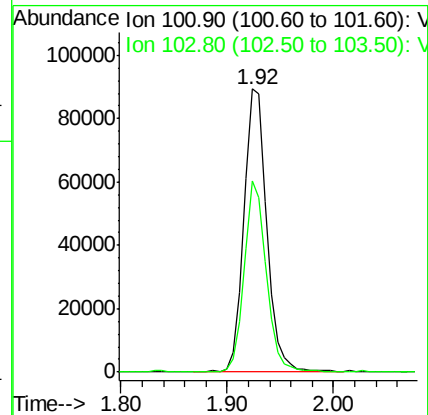
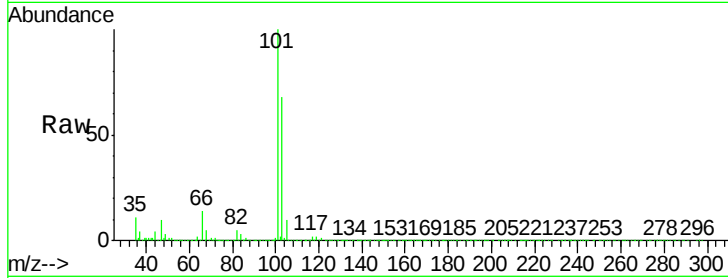
Trichlorofluoromethane
Concen: 18.900 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.4	51.0	76.6

Manual Integrations
APPROVED

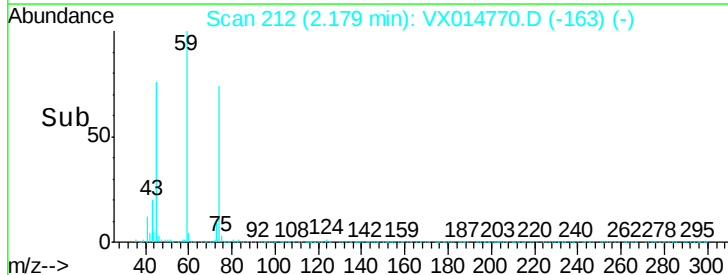
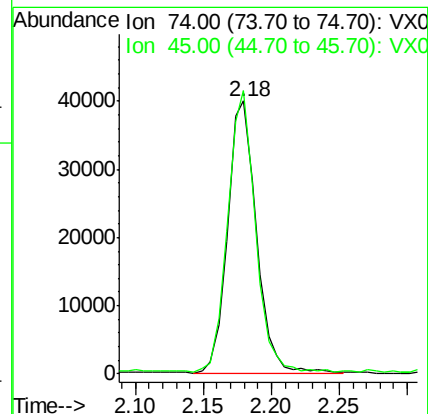
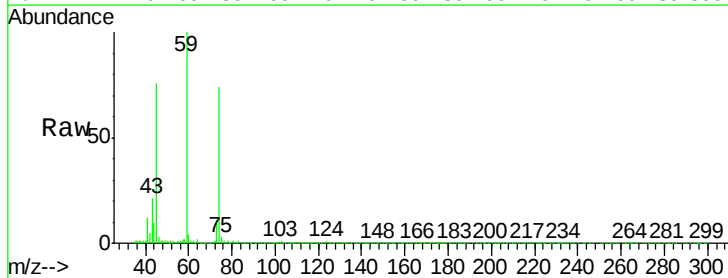
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1/31/2020 10:52:10 AM

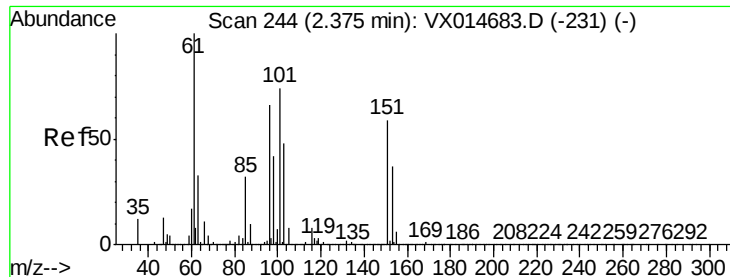


#8

Diethyl Ether
Concen: 18.599 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.1	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.243 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

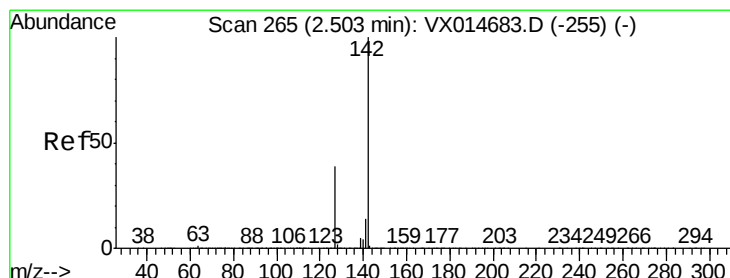
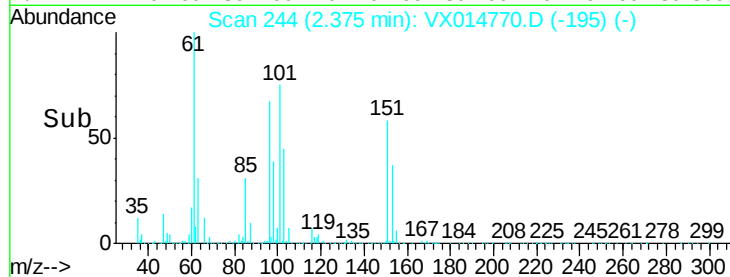
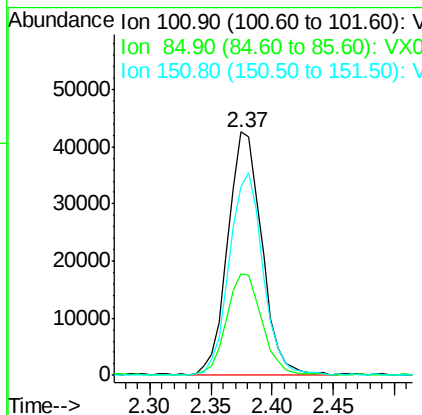
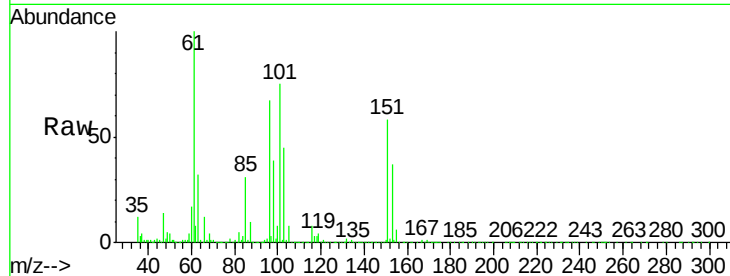
ClientSampleId :

VX0130WBS01

Tot Ion:	101	Resp:	81316
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.7	52.1
151	83.7	64.7	97.1

Manual Integrations
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#10

Methyl Iodide

Concen: 17.516 ug/l

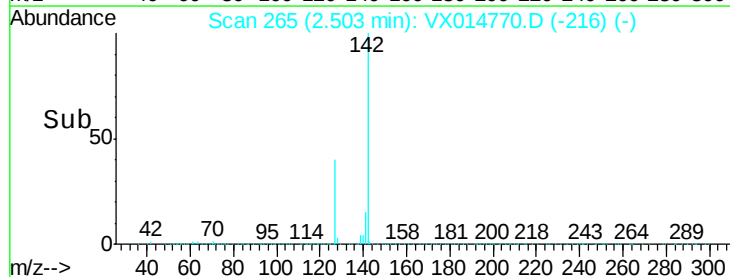
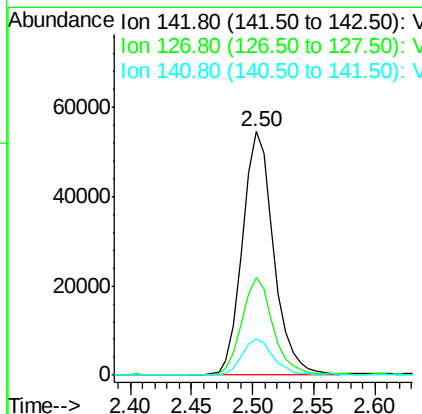
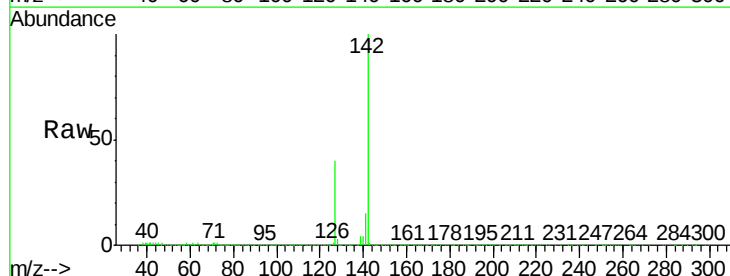
RT: 2.50 min Scan# 265

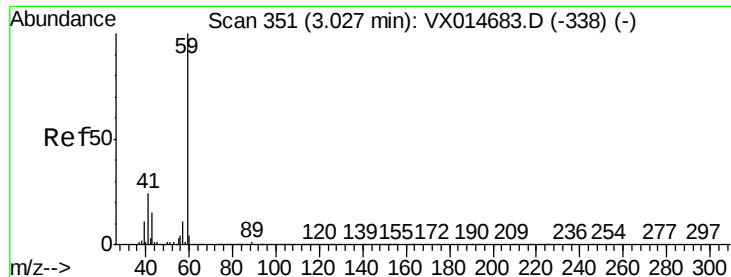
Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Tgt Ion:	142	Resp:	97124
Ion Ratio	Lower	Upper	
142	100		
127	40.5	31.1	46.7
141	15.1	11.3	16.9





#11

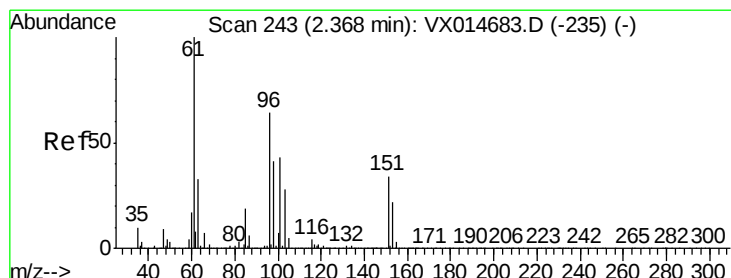
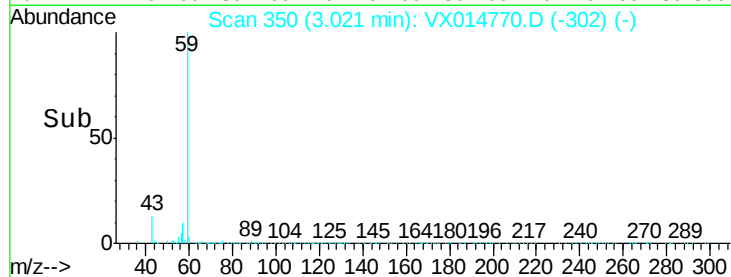
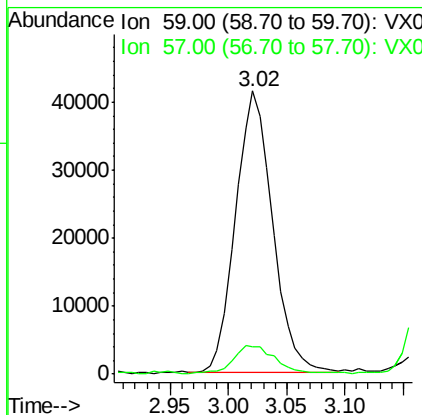
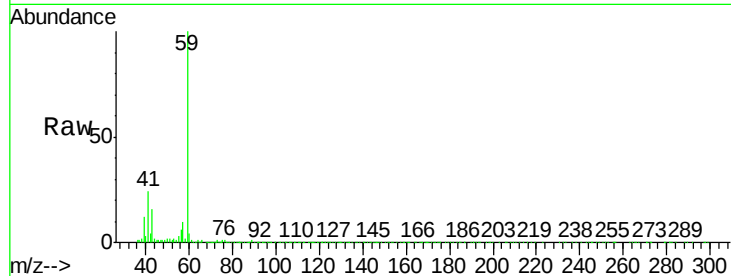
Tert butyl alcohol
Concen: 83.616 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.9	8.3	12.5

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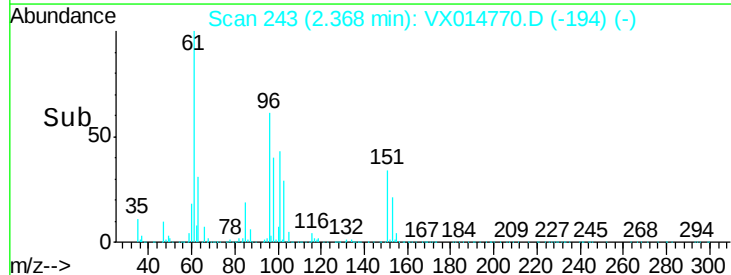
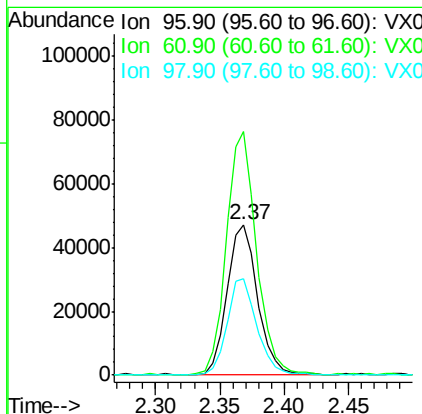
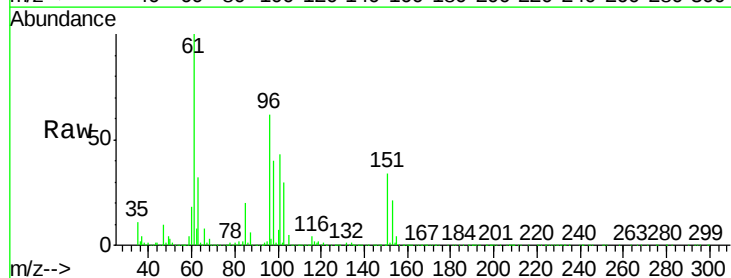
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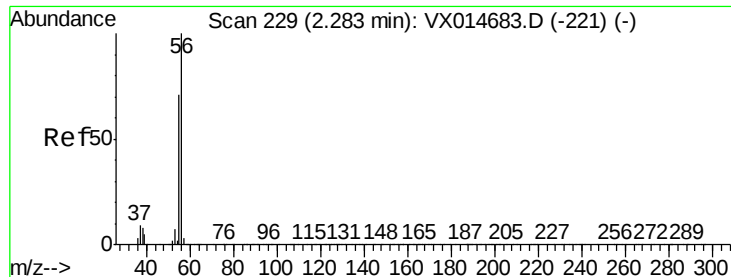


#12

1,1-Dichloroethene
Concen: 18.478 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.0	125.8	188.8
98	64.4	51.5	77.3





#13

Acrolein

Concen: 69.838 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBS01

Tot Ion: 56 Resp: 61016

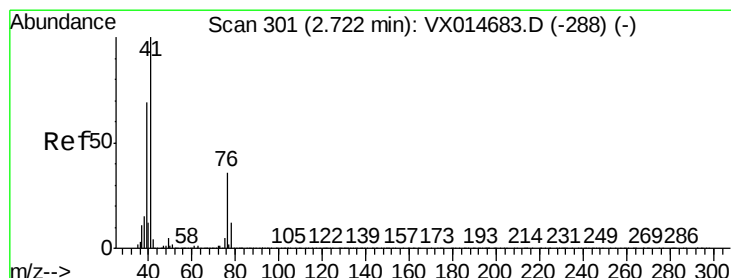
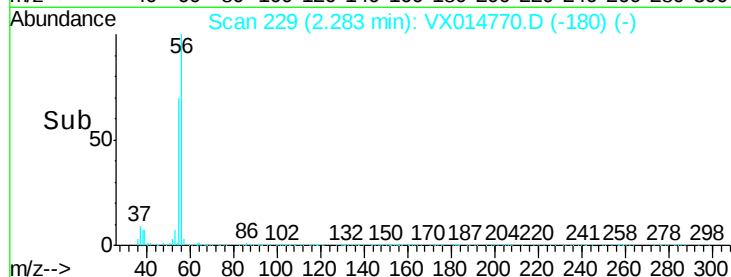
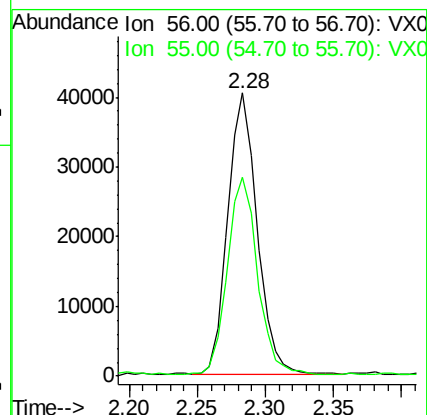
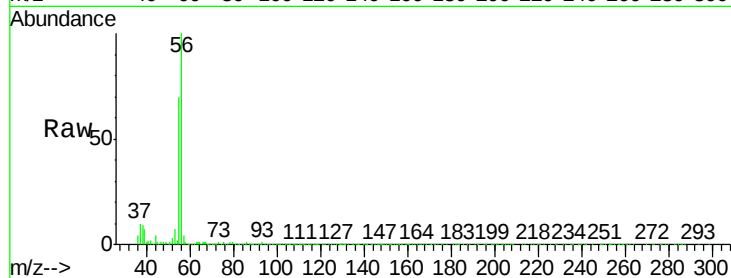
Ion Ratio Lower Upper

56 100

55 70.7 56.6 84.8

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#14

Allyl chloride

Concen: 18.544 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

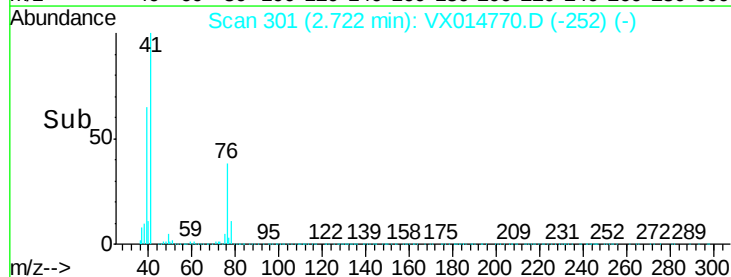
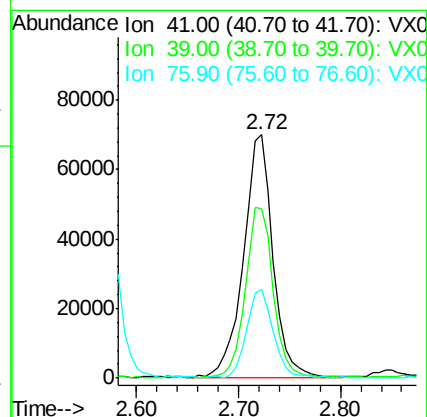
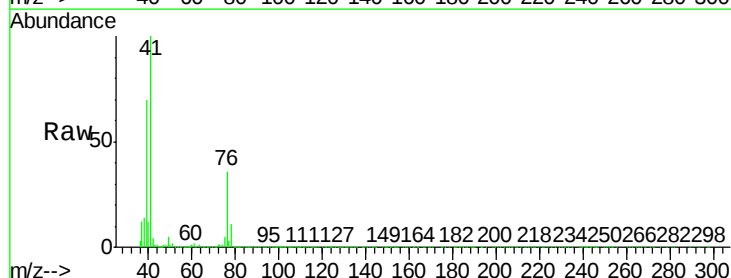
Tgt Ion: 41 Resp: 140043

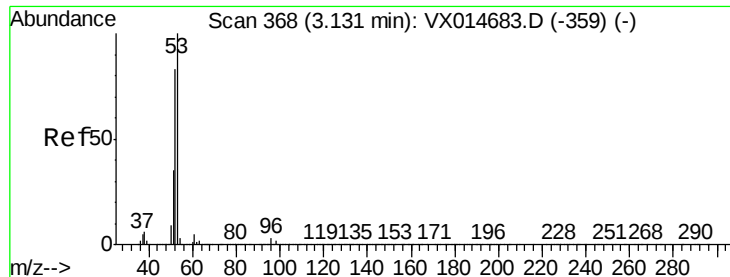
Ion Ratio Lower Upper

41 100

39 67.5 52.0 78.0

76 32.0 26.0 39.0





#15

Acrylonitrile

Concen: 91.978 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

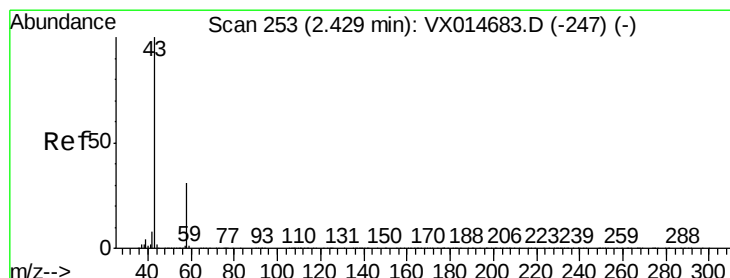
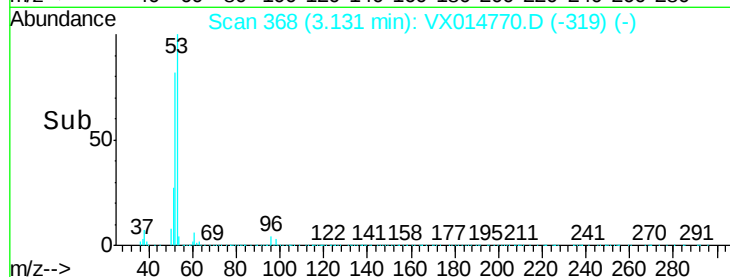
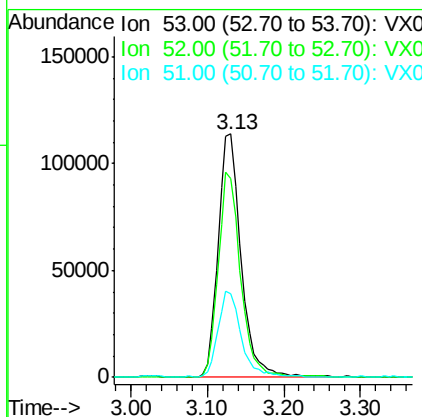
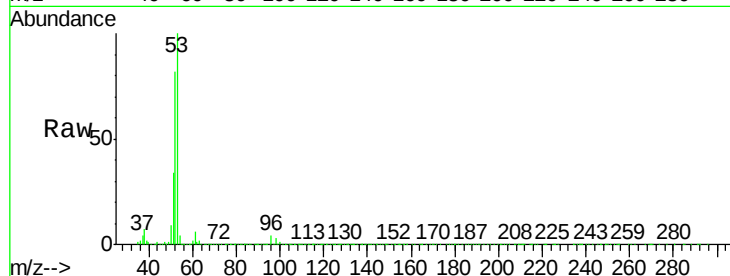
ClientSampleId :

VX0130WBS01

Tot Ion:	53	Resp:	235812
Ion Ratio	Lower	Upper	
53	100		
52	81.7	66.4	99.6
51	35.4	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 87.959 ug/l

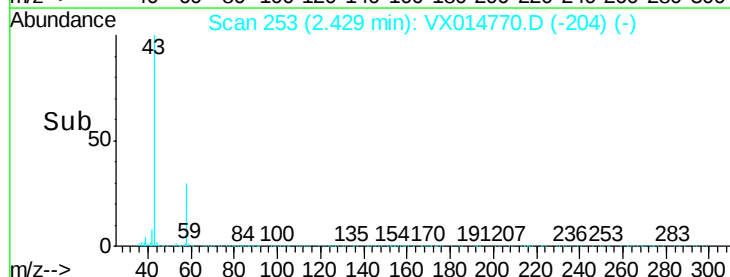
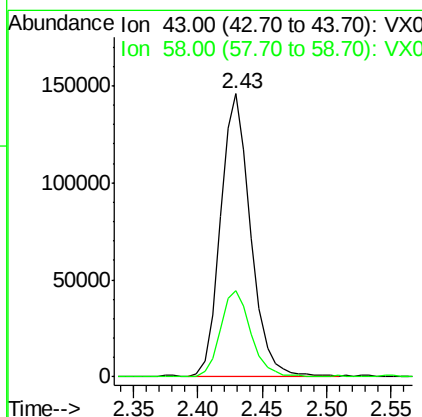
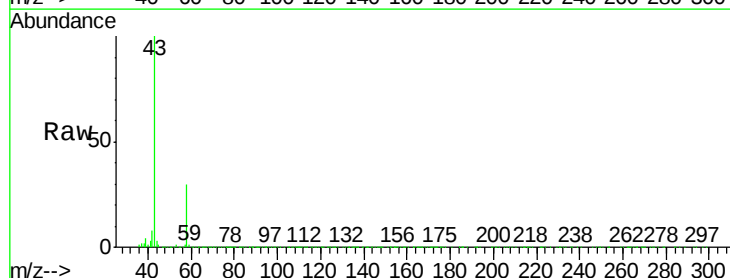
RT: 2.43 min Scan# 253

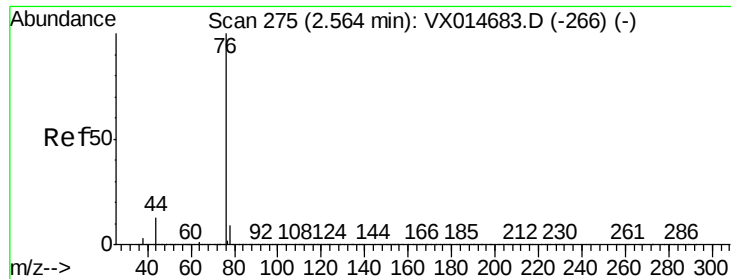
Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Tgt Ion:	43	Resp:	237663
Ion Ratio	Lower	Upper	
43	100		
58	30.2	24.5	36.7





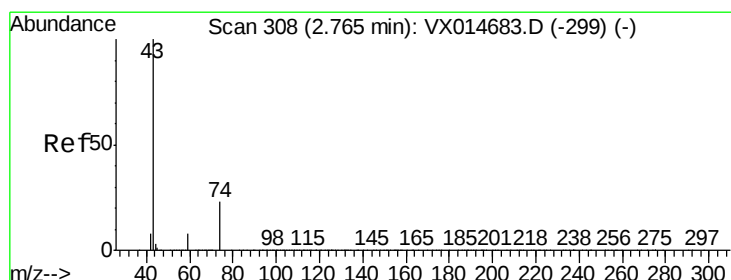
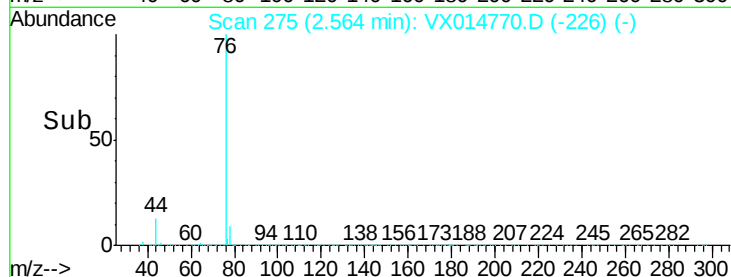
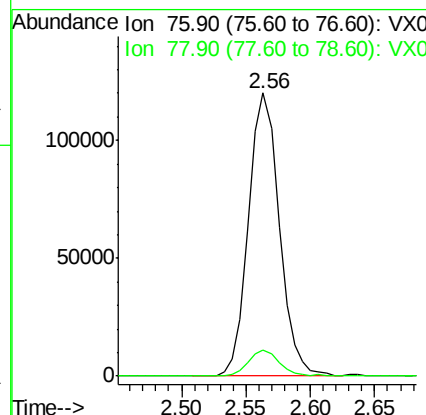
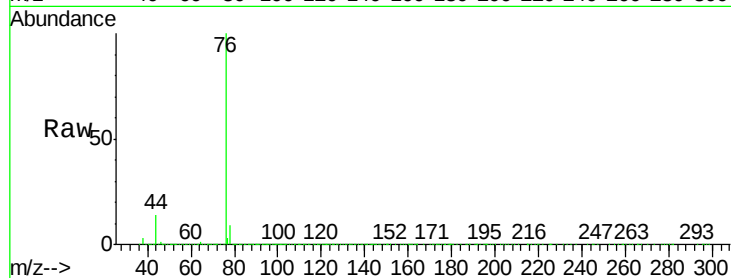
#17
Carbon Disulfide
Concen: 17.228 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

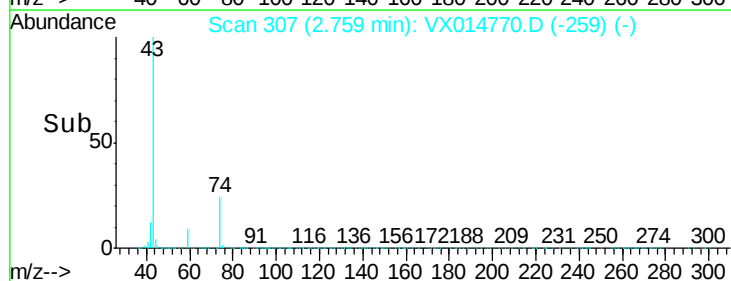
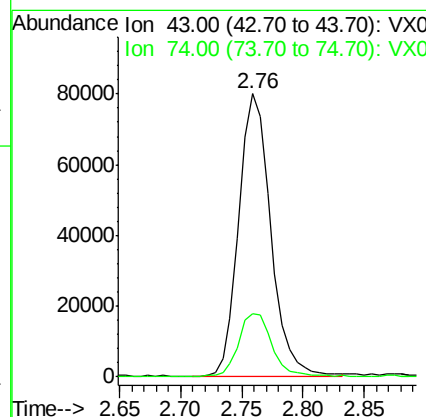
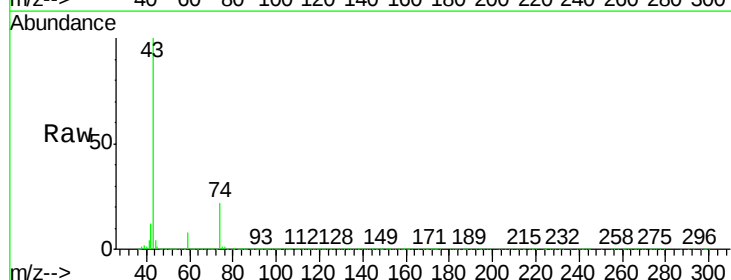
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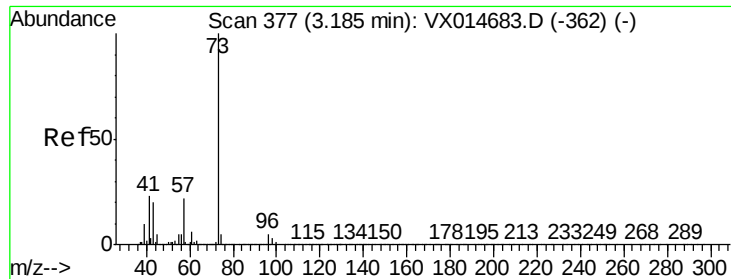
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#18
Methyl Acetate
Concen: 18.655 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	18.5	27.7





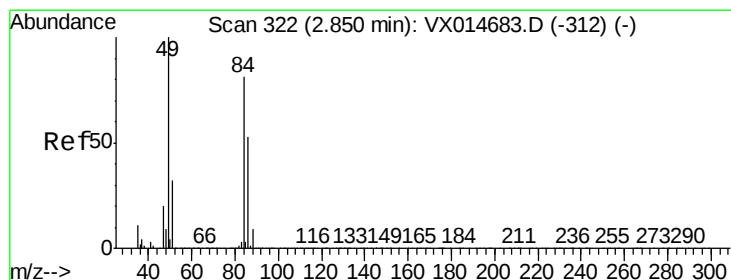
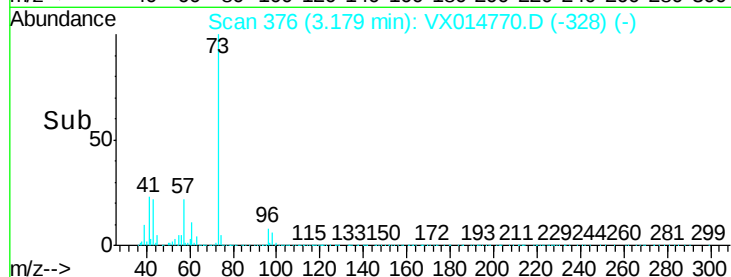
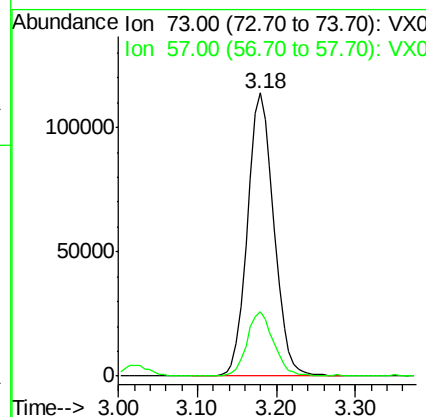
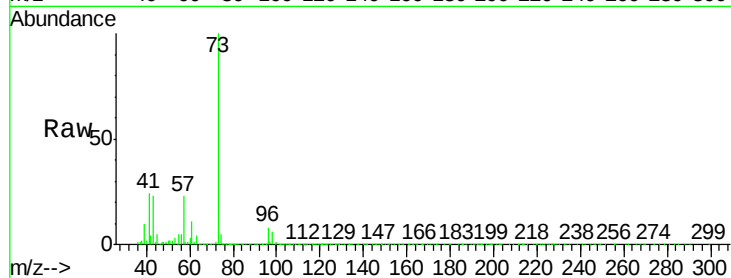
#19
Methvl tert-butvl Ether
Concen: 19.217 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.0	27.0

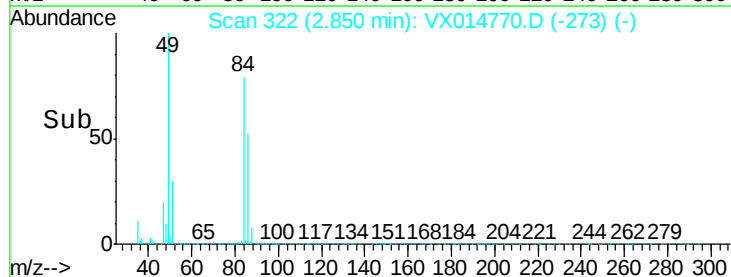
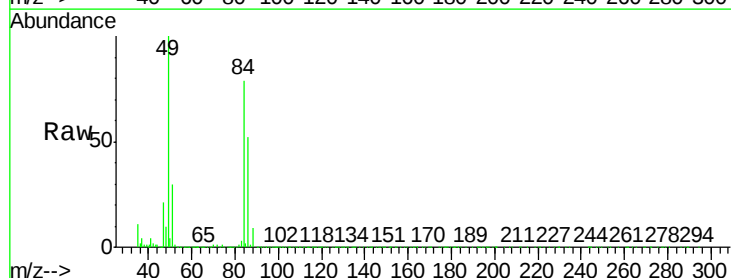
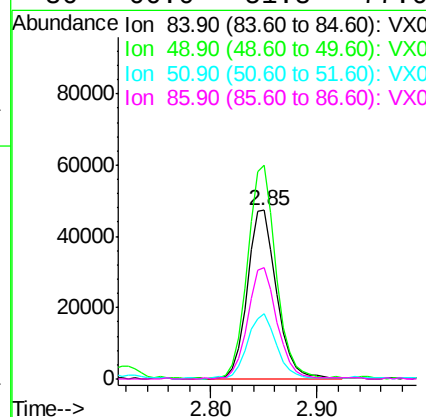
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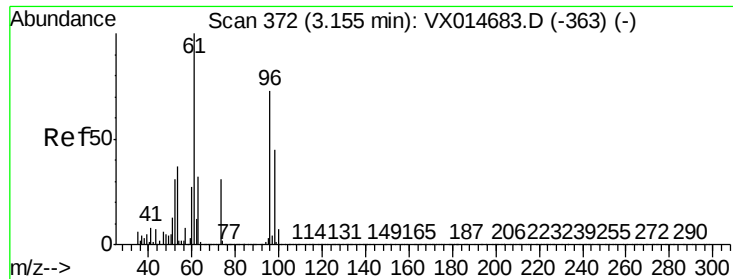
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#20
Methylene Chloride
Concen: 18.374 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.0	98.2	147.4
51	38.0	31.3	46.9
86	66.0	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 18.618 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

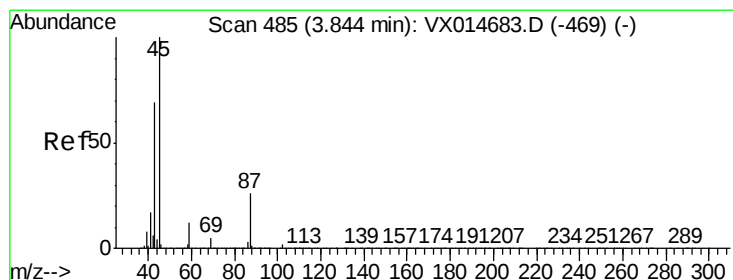
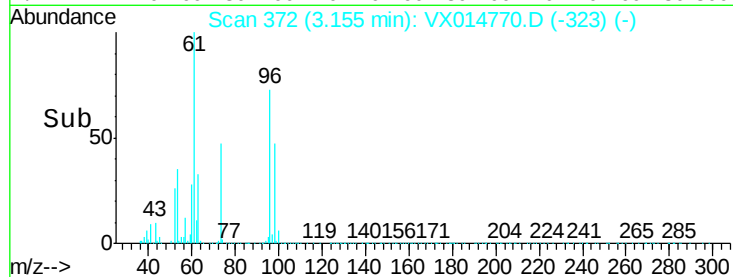
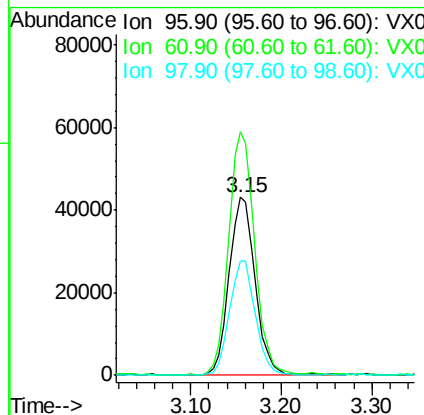
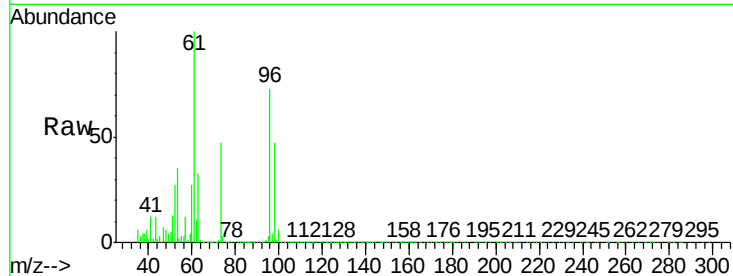
ClientSampleId :

VX0130WBS01

Tot Ion:	96	Resp:	86127
Ion	Ratio	Lower	Upper
96	100		
61	136.3	109.8	164.6
98	64.3	49.6	74.4

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#22

Diisopropyl ether

Concen: 19.393 ug/l

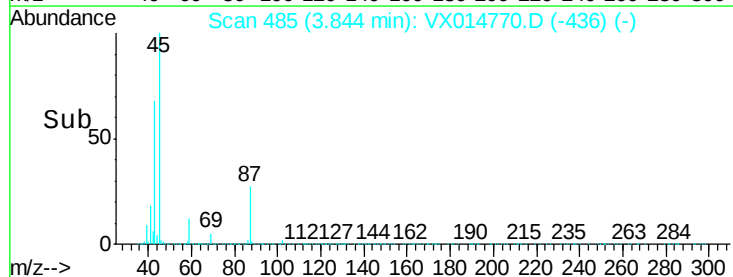
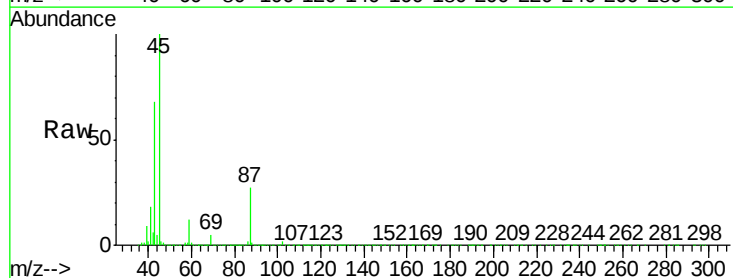
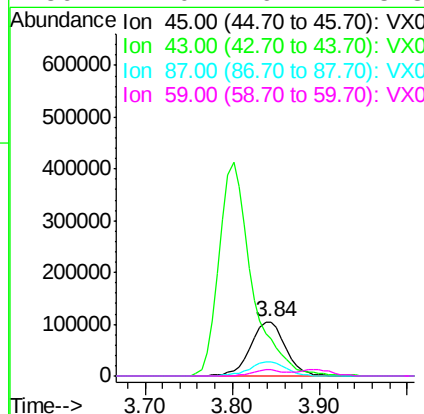
RT: 3.84 min Scan# 485

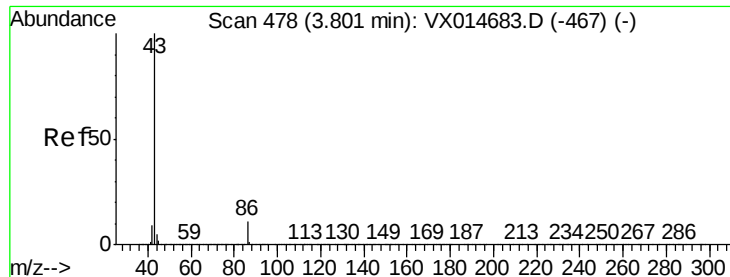
Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Tgt Ion:	45	Resp:	291373
Ion	Ratio	Lower	Upper
45	100		
43	67.3	55.1	82.7
87	26.7	20.7	31.1
59	12.0	9.2	13.8





#23

Vinyl Acetate

Concen: 94.757 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

ClientSampled :

VX0130WBS01

Tot Ion: 43 Resp: 1085271

Ion Ratio Lower Upper

43 100

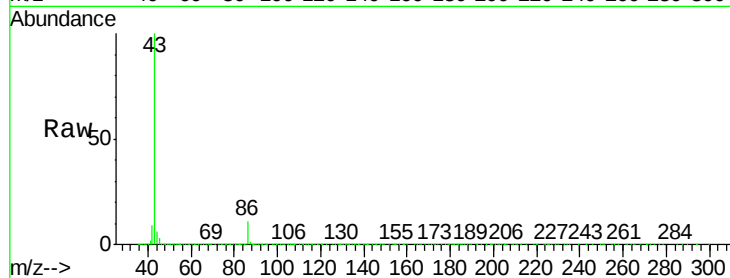
86 10.6 8.4 12.6

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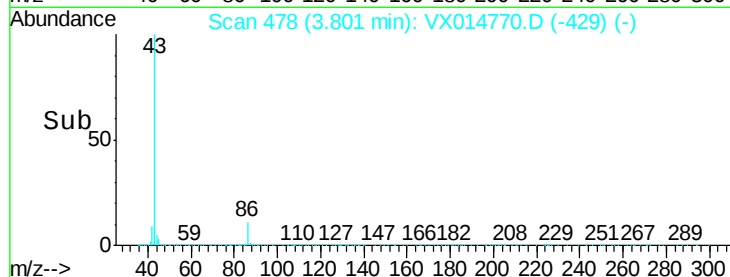
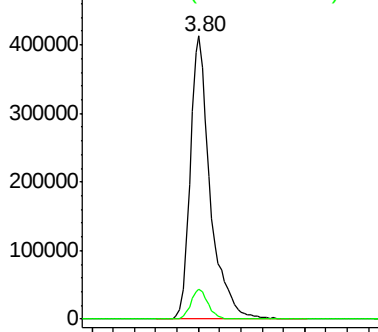
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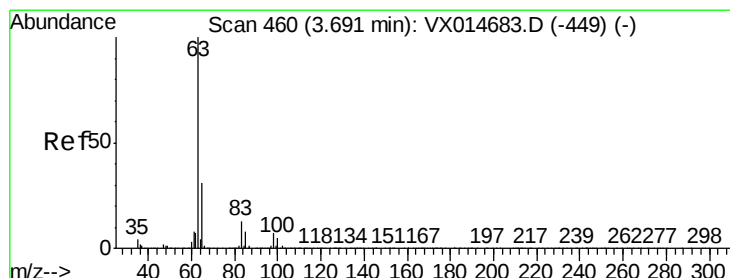


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 19.122 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

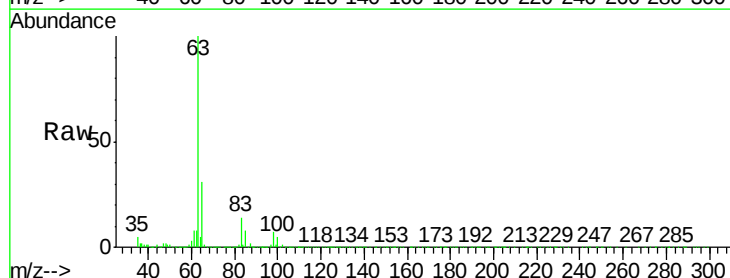
Tgt Ion: 63 Resp: 156028

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

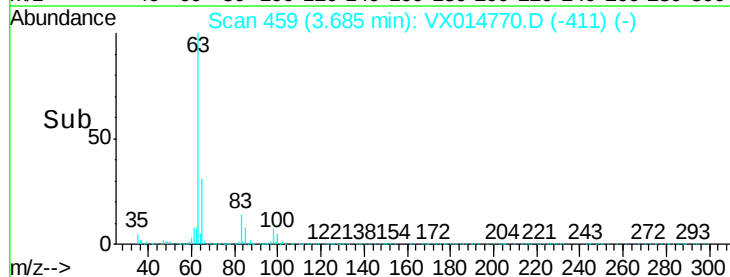
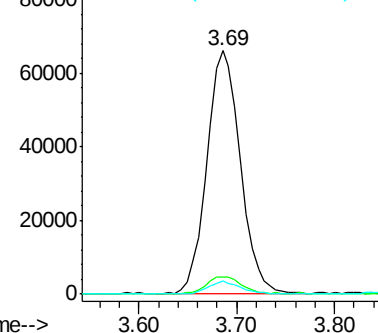
100 5.1 2.2 6.6



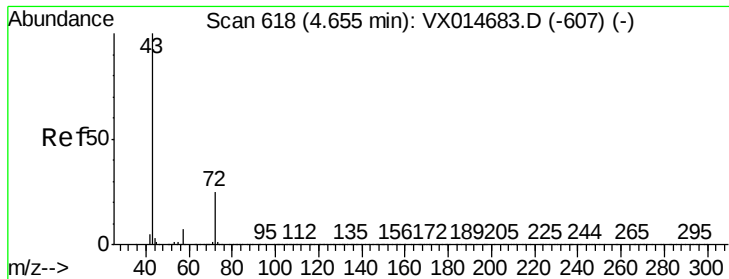
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->



#25

2-Butanone

Concen: 87.751 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

ClientSampled :

VX0130WBS01

Tot Ion: 43 Resp: 340084

Ion Ratio Lower Upper

43 100

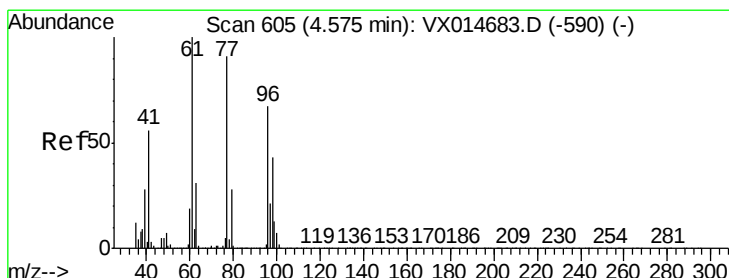
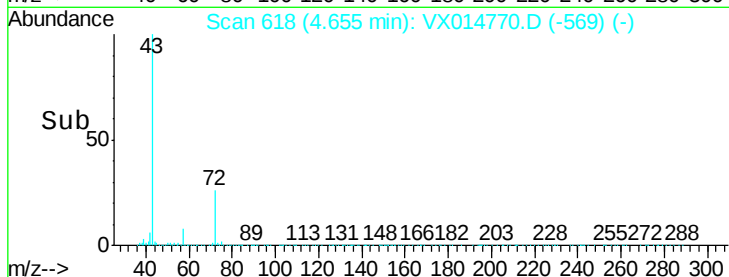
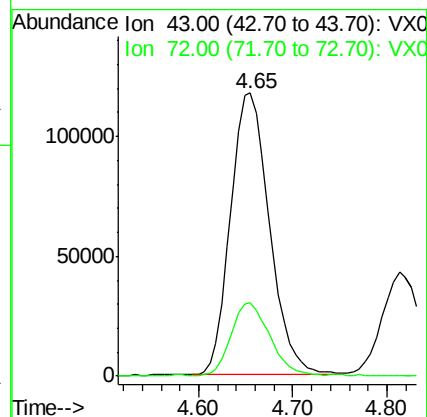
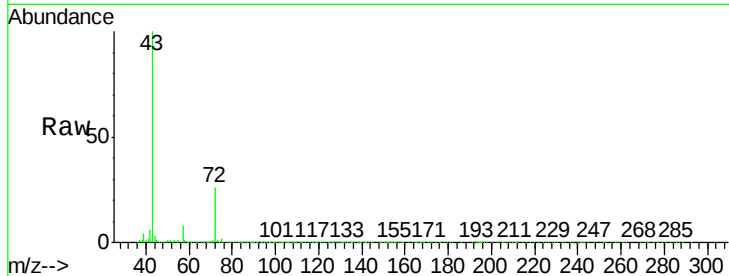
72 25.7 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.970 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014770.D

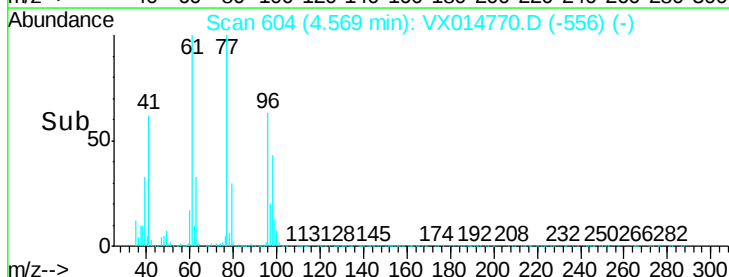
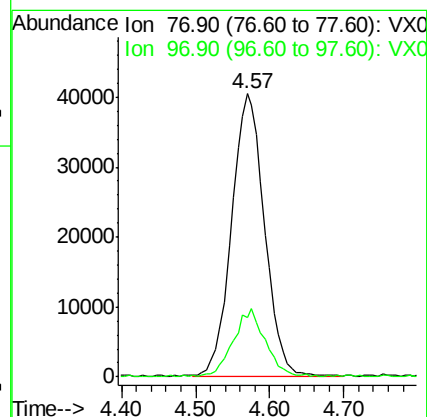
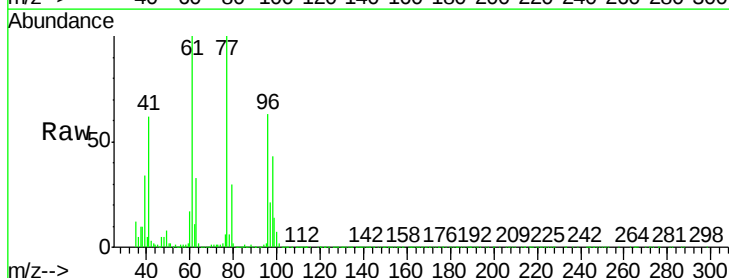
Acq: 30 Jan 2020 11:22

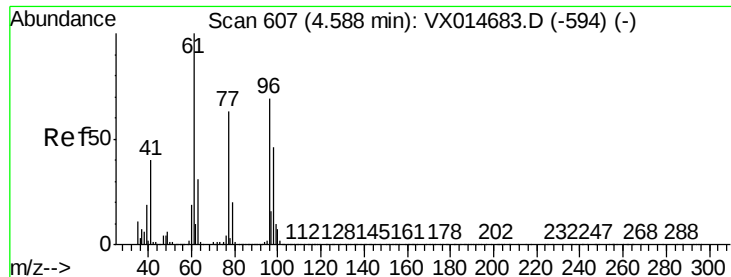
Tgt Ion: 77 Resp: 123893

Ion Ratio Lower Upper

77 100

97 23.9 11.8 35.3





#27

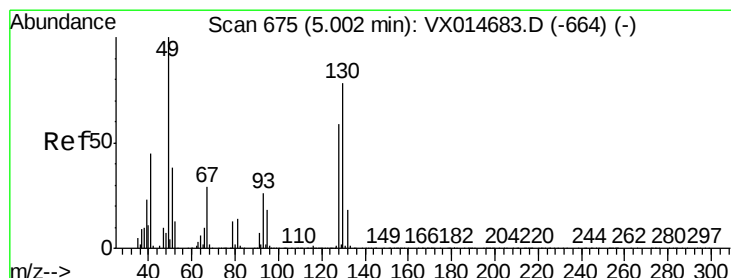
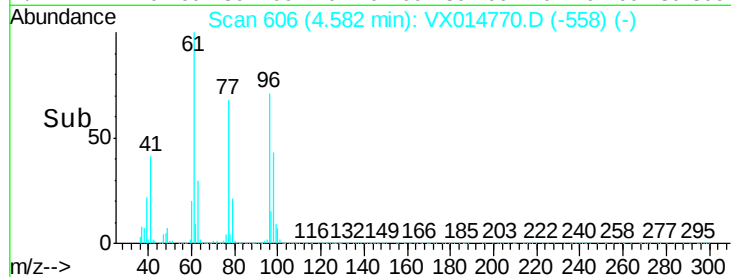
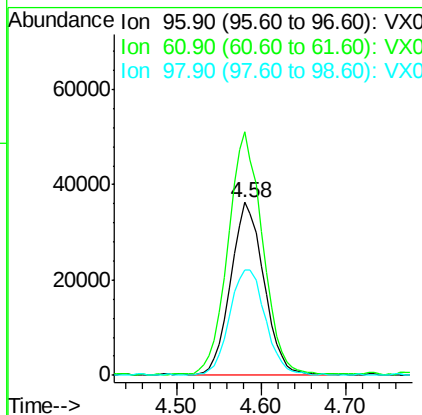
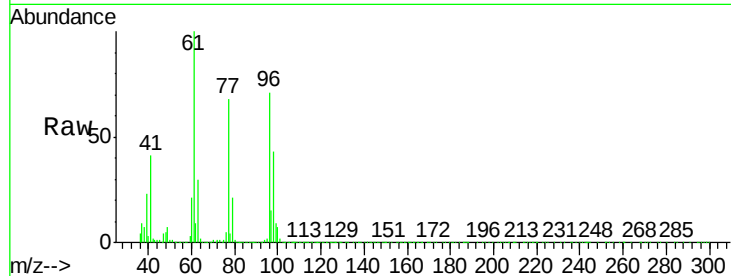
cis-1,2-Dichloroethene
Concen: 18.715 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	96894		
61	145.3	0.0	291.0	
98	66.0	0.0	129.8	

Manual Integrations
APPROVED

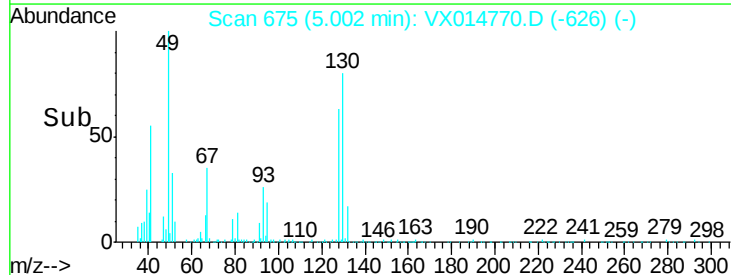
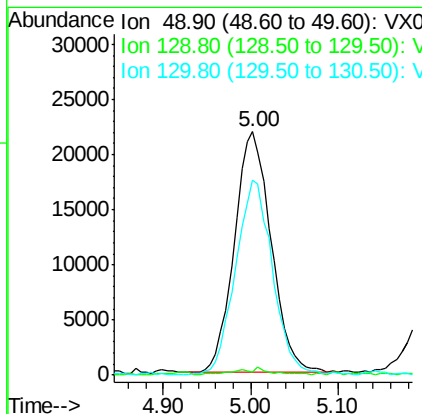
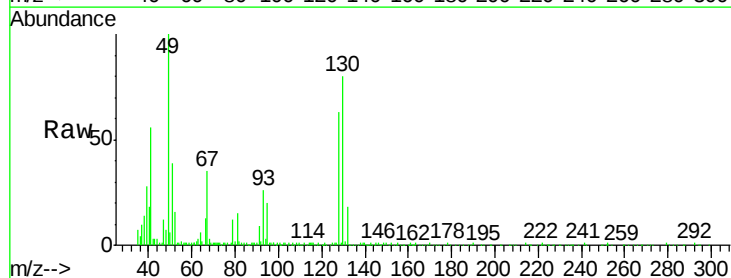
MMDadoda
1/31/2020 10:52:10 AM

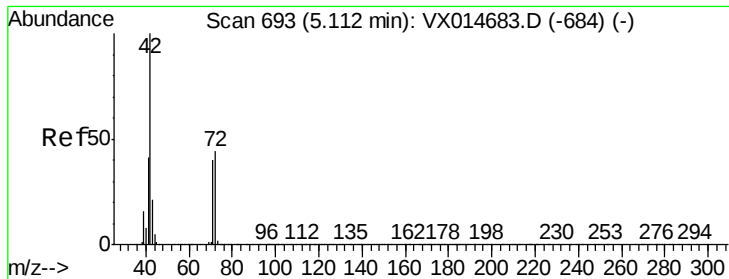


#28

Bromochloromethane
Concen: 17.760 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	63680		
129	1.2	0.0	4.8	
130	81.8	62.4	93.6	





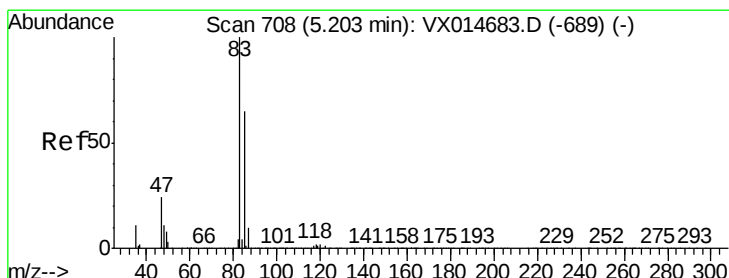
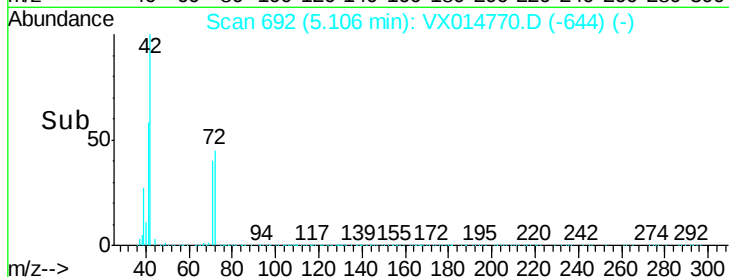
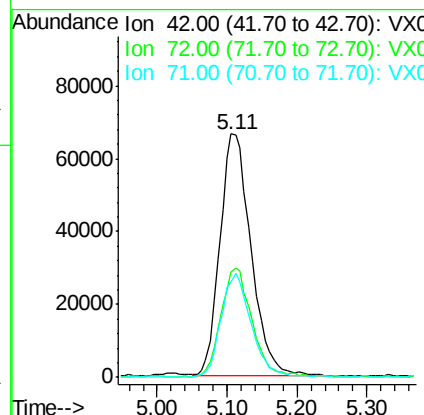
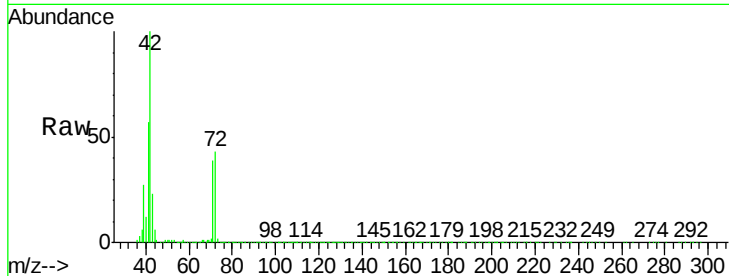
#29
Tetrahydrofuran
Concen: 89.735 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.3	52.9
71	40.4	33.1	49.7

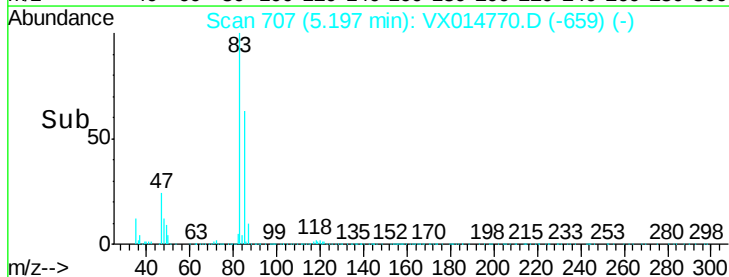
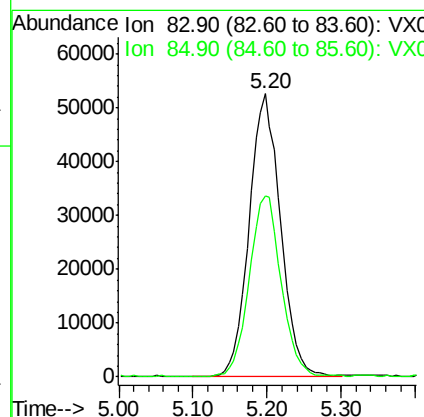
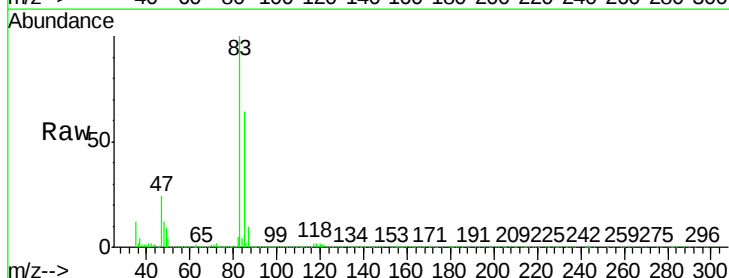
Manual Integrations
APPROVED

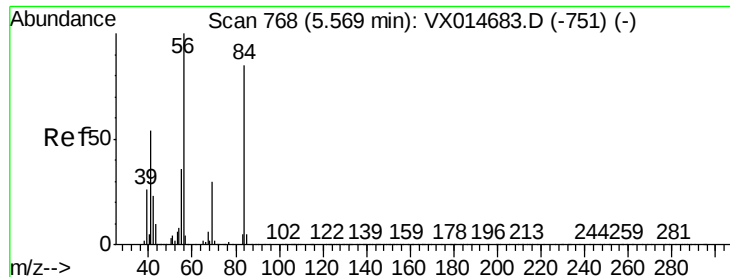
MMDadoda
1/31/2020 10:52:10 AM



#30
Chloroform
Concen: 19.082 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.7	77.5





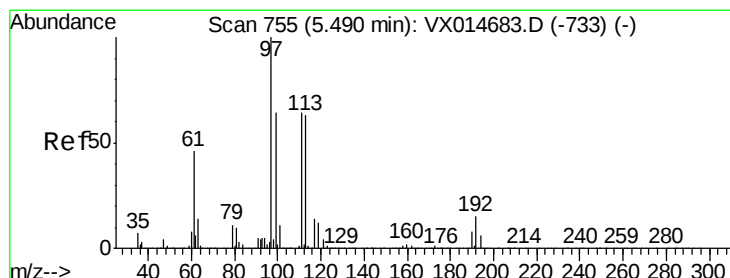
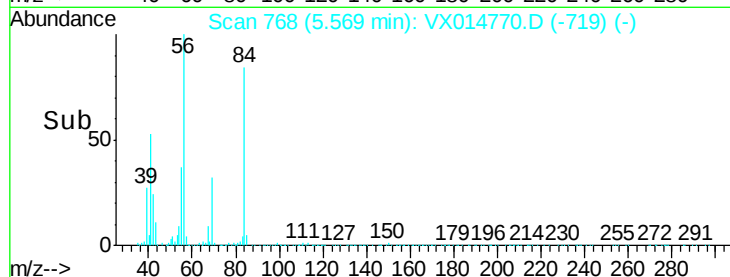
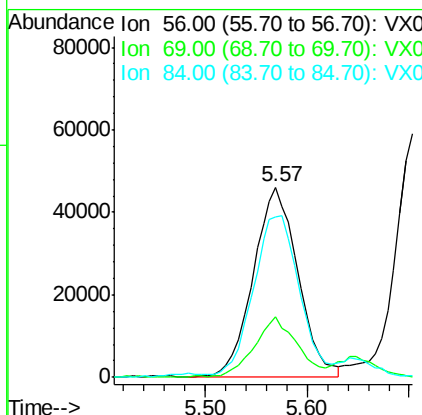
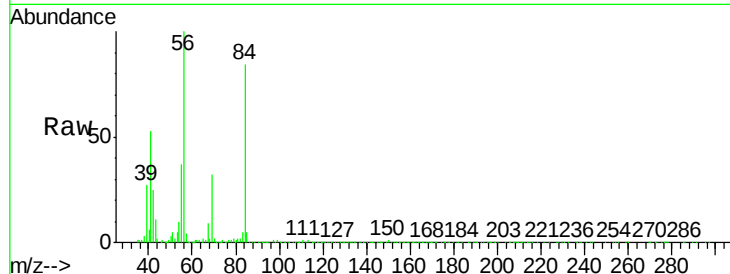
#31
Cyclohexane
Concen: 18.040 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	23.4	35.2
84	82.5	68.4	102.6

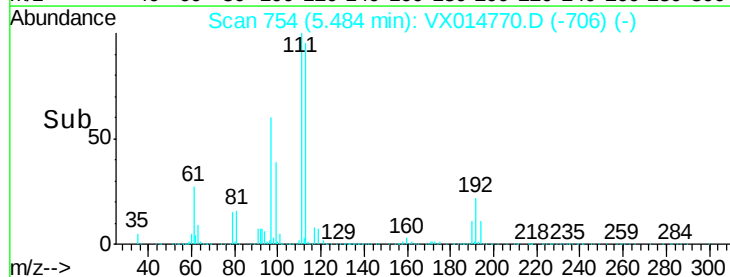
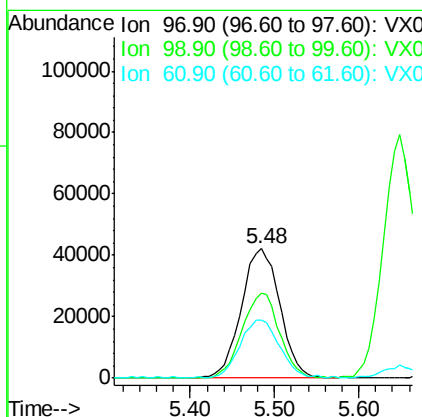
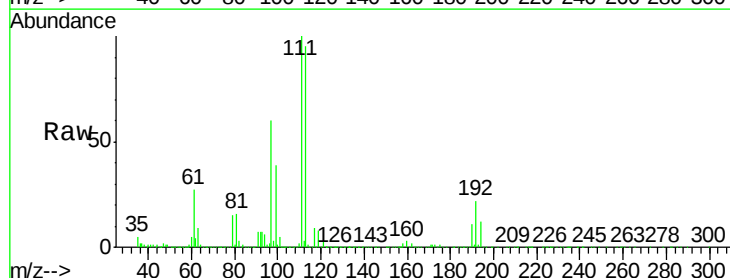
Manual Integrations
APPROVED

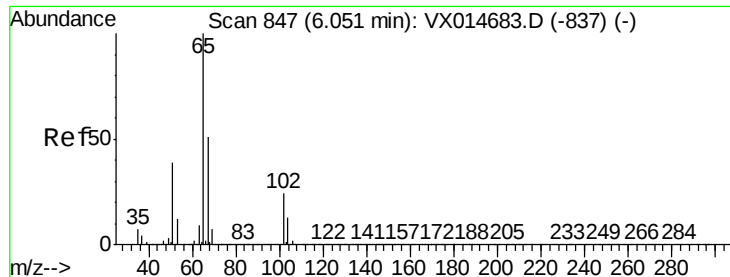
MMDadoda
1/31/2020 10:52:10 AM



#32
1,1,1-Trichloroethane
Concen: 19.111 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	52.3	78.5
61	46.7	37.2	55.8





#33

1,2-Dichloroethane-d4

Concen: 49.067 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

ClientSampled :

VX0130WBS01

Tot Ion: 65 Resp: 242171

Ion Ratio Lower Upper

65 100

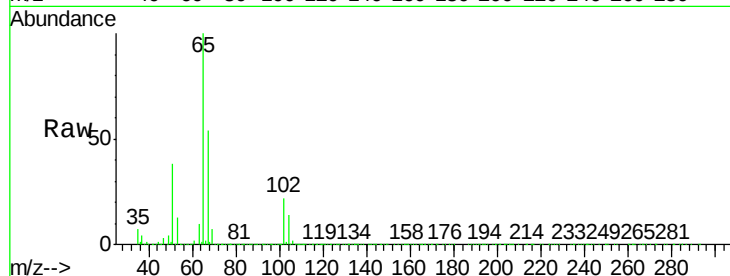
67 53.3 0.0 107.4

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

100000

80000

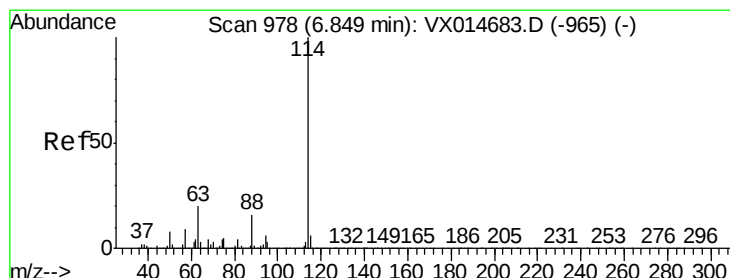
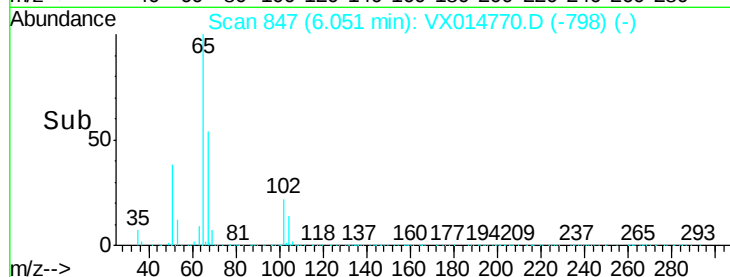
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

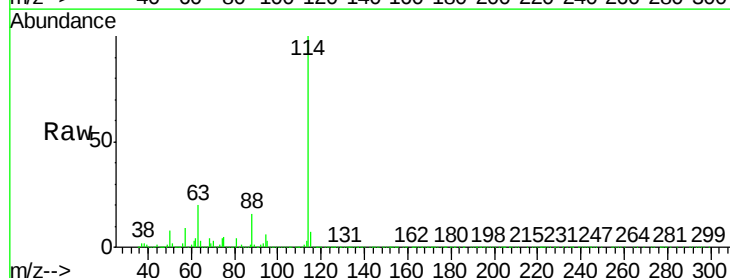
Tgt Ion: 114 Resp: 616956

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.6

88 16.3 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

6.85

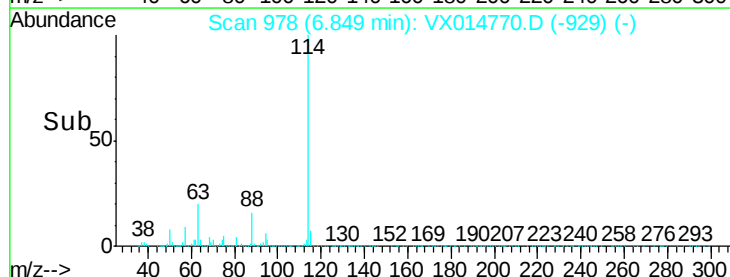
300000

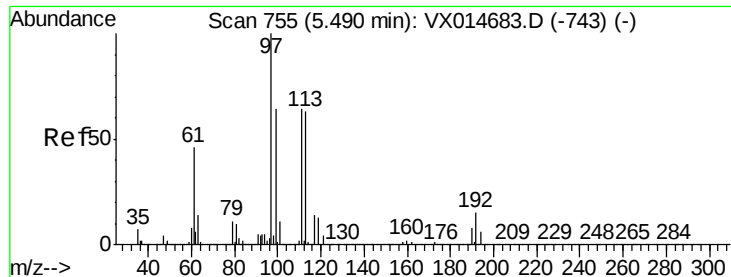
200000

100000

0

Time-->





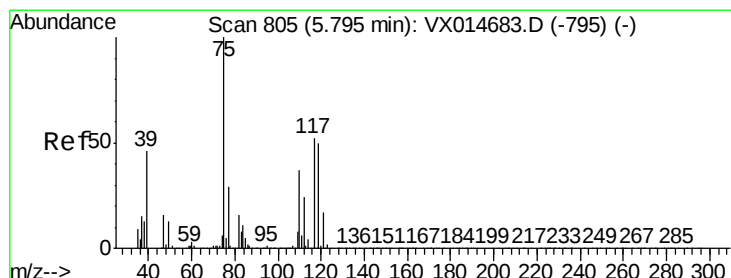
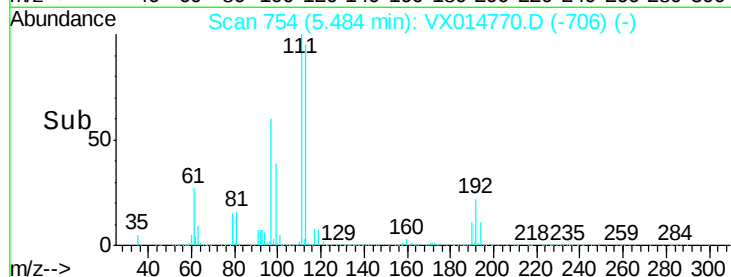
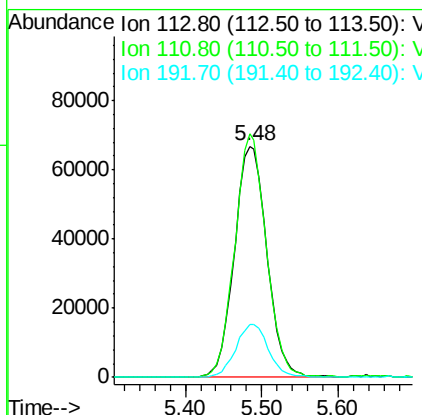
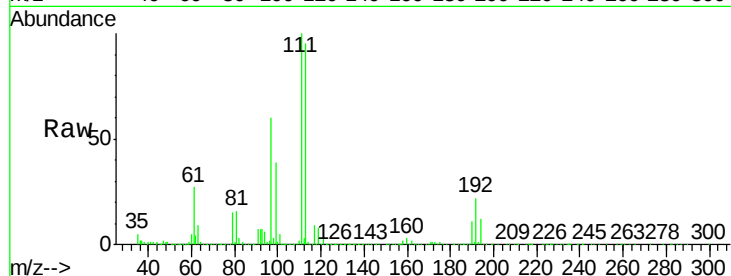
#35
Dibromofluoromethane
Concen: 50.509 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	196628		
111	101.4	80.7	121.1	
192	22.9	18.5	27.7	

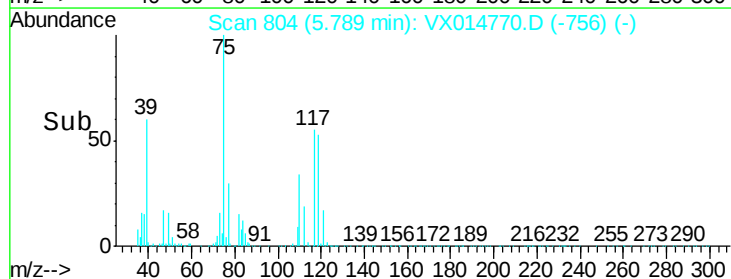
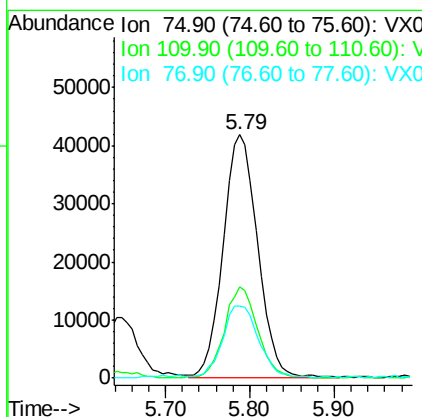
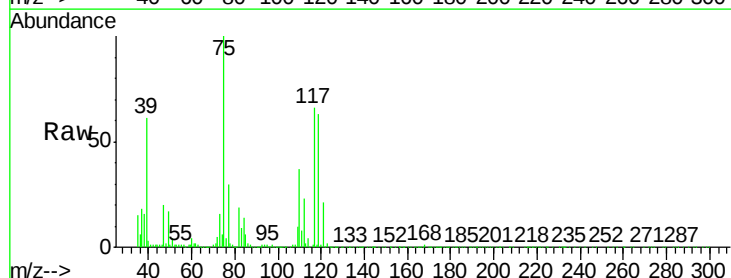
Manual Integrations
APPROVED

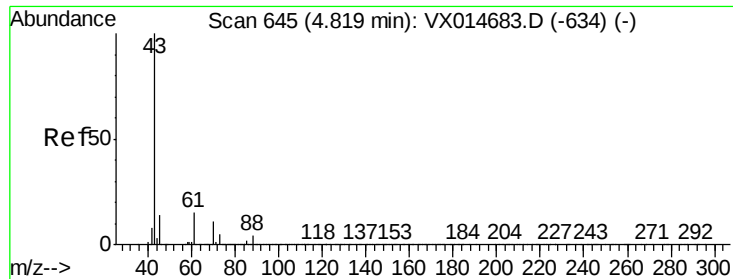
MMDadoda
1/31/2020 10:52:10 AM



#36
1,1-Dichloropropene
Concen: 20.204 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	115824		
110	36.8	17.9	53.7	
77	30.7	24.1	36.1	





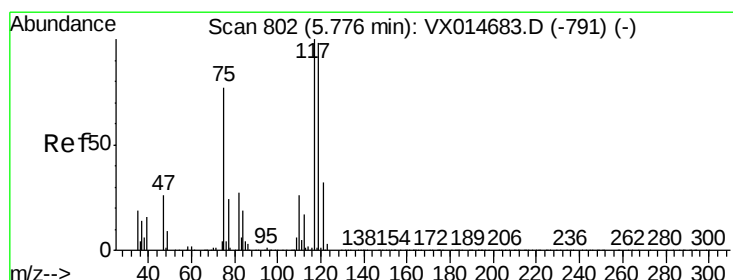
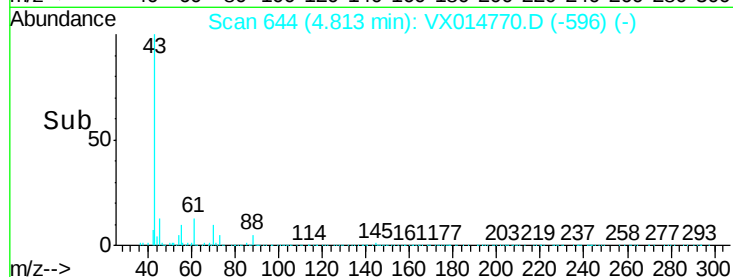
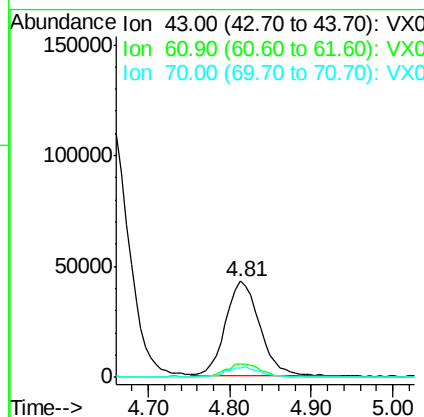
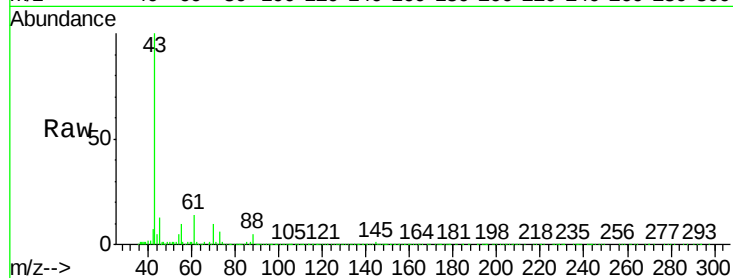
#37
Ethyl Acetate
Concen: 19.012 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	10.6	8.5	12.7

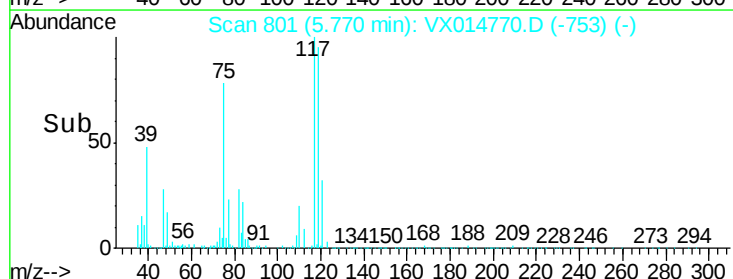
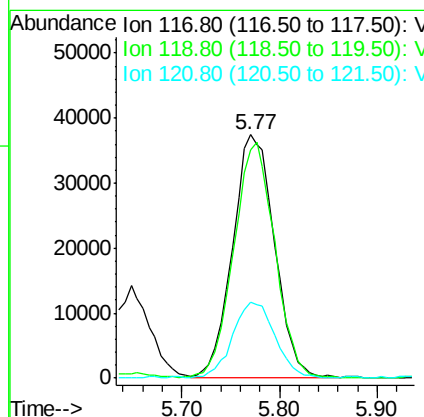
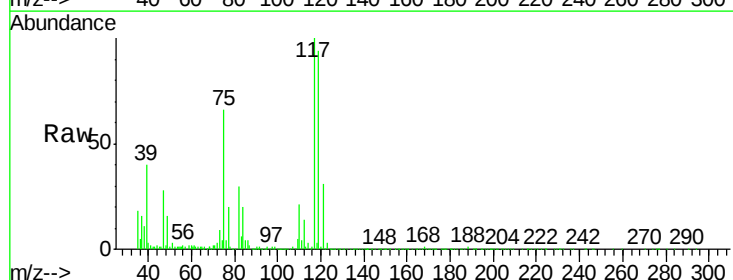
Manual Integrations
APPROVED

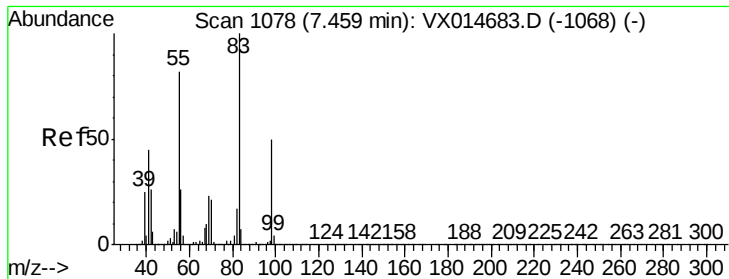
MMDadoda
1/31/2020 10:52:10 AM



#38
Carbon Tetrachloride
Concen: 20.243 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.9	116.9
121	31.3	25.4	38.2





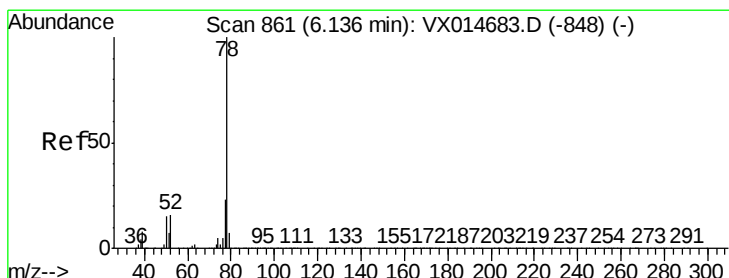
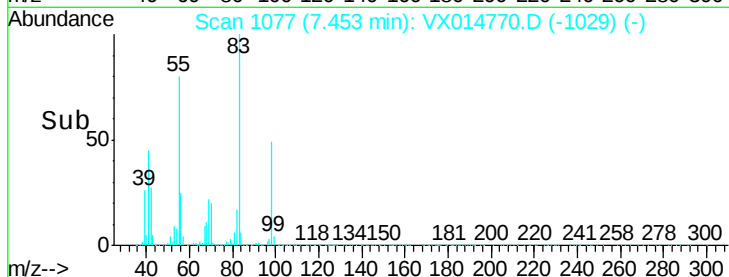
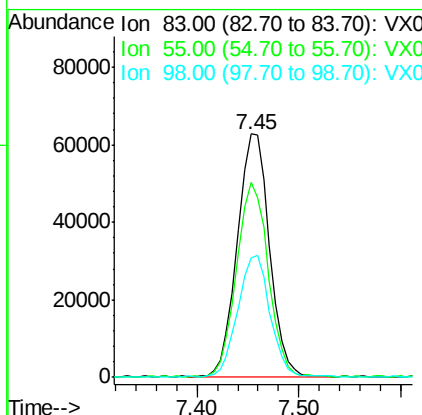
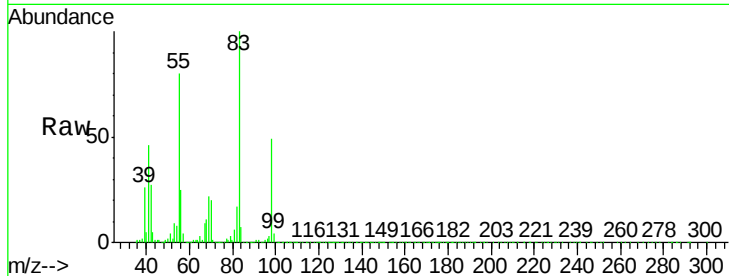
#39
Methvlcvclohexane
Concen: 19.234 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	79.9	65.6	98.4	
98	48.9	40.2	60.4	

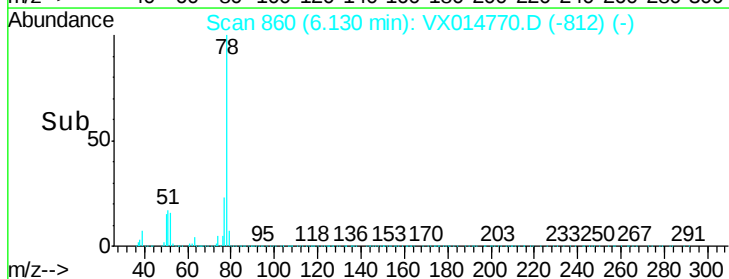
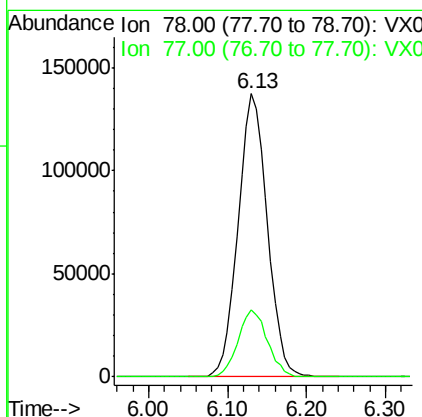
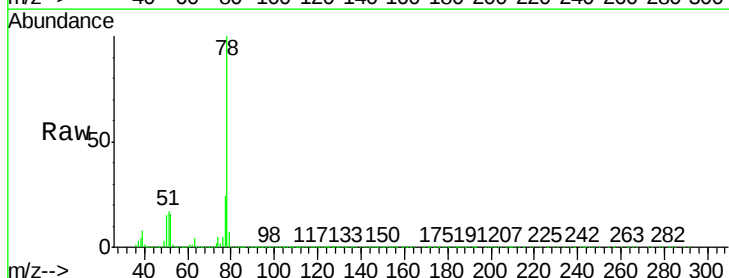
Manual Integrations
APPROVED

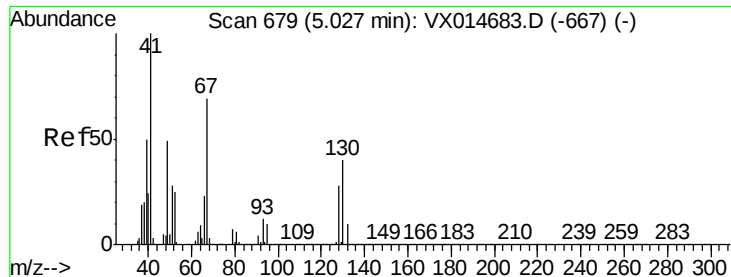
MMDadoda
1/31/2020 10:52:10 AM



#40
Benzene
Concen: 19.889 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.7	18.7	28.1	





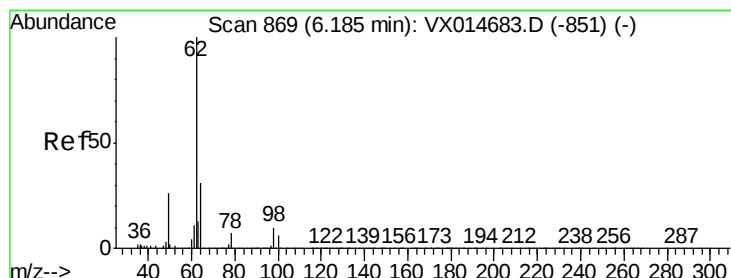
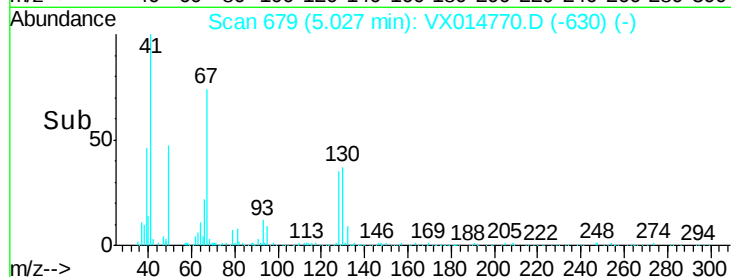
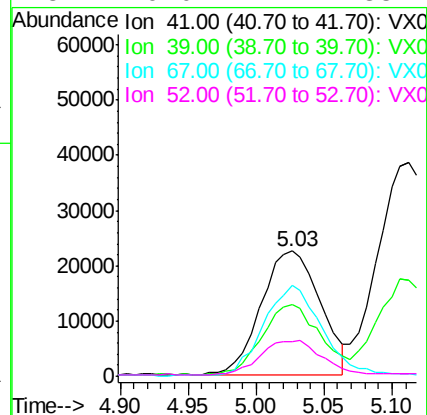
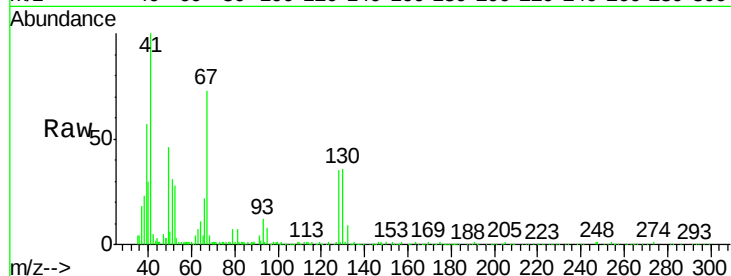
#41
Methacrylonitrile
Concen: 17.964 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion	Ion	Ratio	Lower	Upper
67904	41	100		
	39	56.5	42.2	63.2
	67	72.1	55.4	83.0
	52	29.0	22.1	33.1

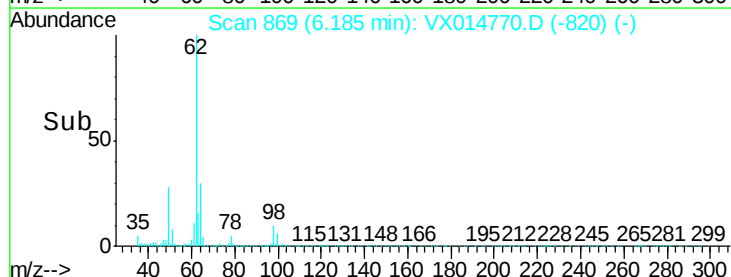
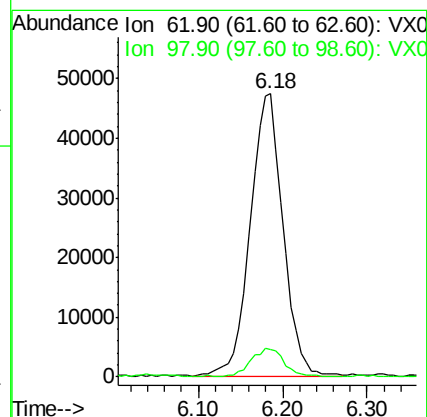
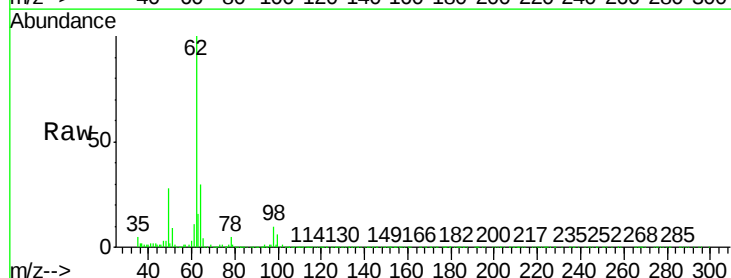
Manual Integrations
APPROVED

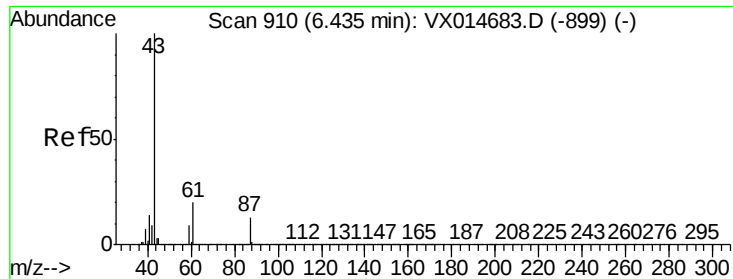
MMDadoda
1/31/2020 10:52:10 AM



#42
1,2-Dichloroethane
Concen: 20.512 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion	Ion	Ratio	Lower	Upper
125467	62	100		
	98	9.6	0.0	20.0





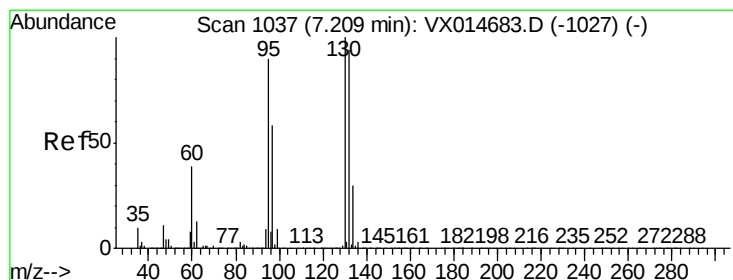
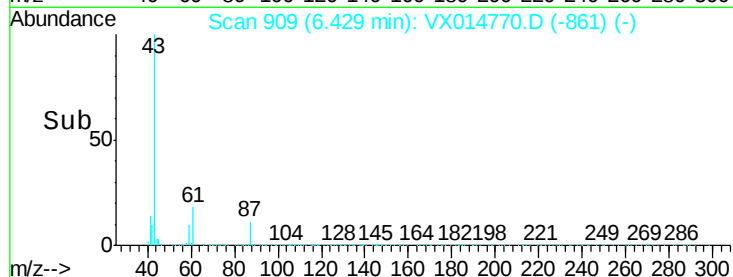
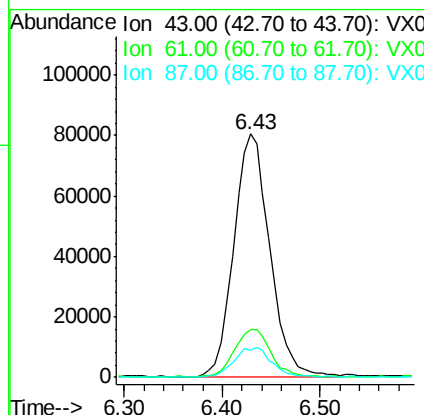
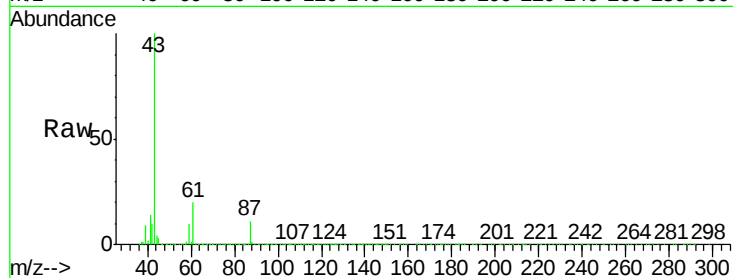
#43
Isopropyl Acetate
Concen: 18.882 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.2	24.4
87	12.8	10.5	15.7

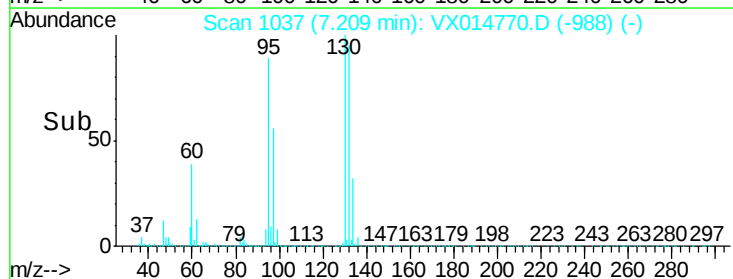
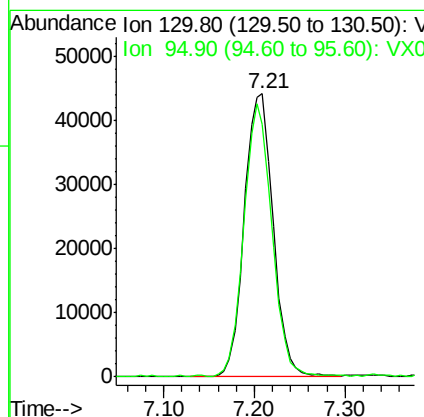
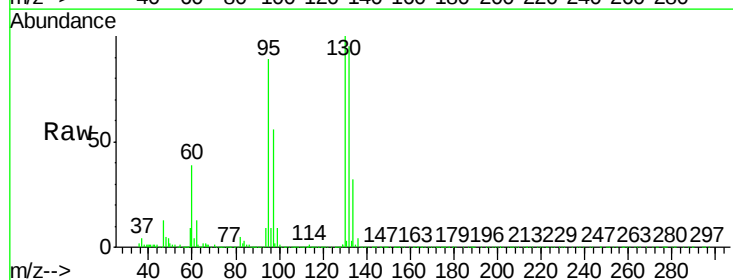
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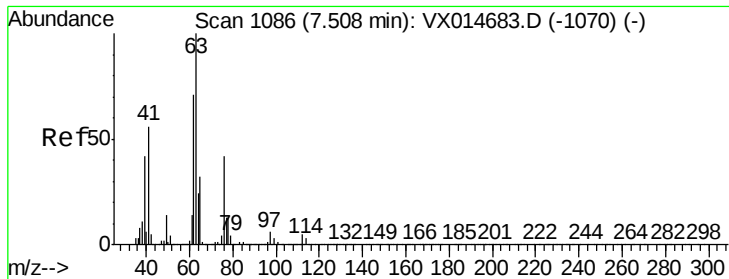
MMDadoda
1/31/2020 10:52:10 AM



#44
Trichloroethene
Concen: 19.478 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.7	0.0	179.8





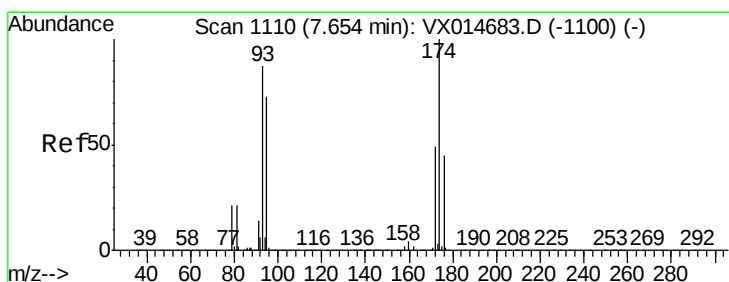
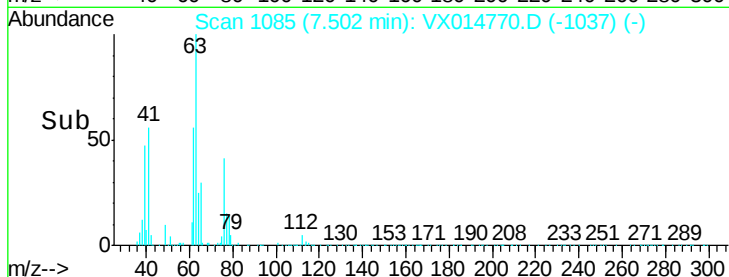
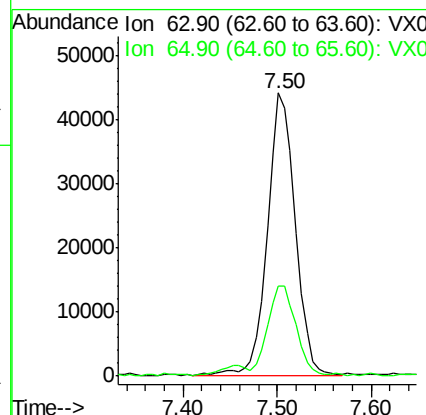
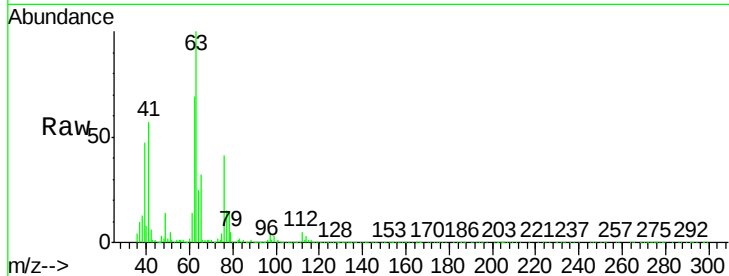
#45
 1,2-Dichloropropane
 Concen: 19.875 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.2	37.8

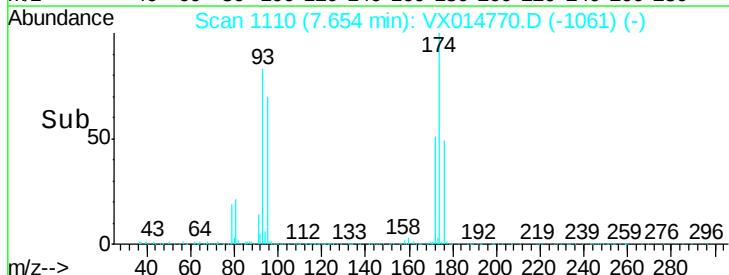
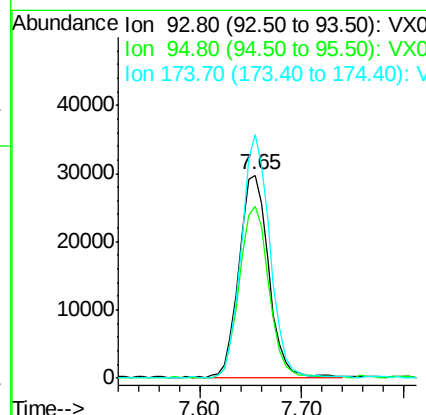
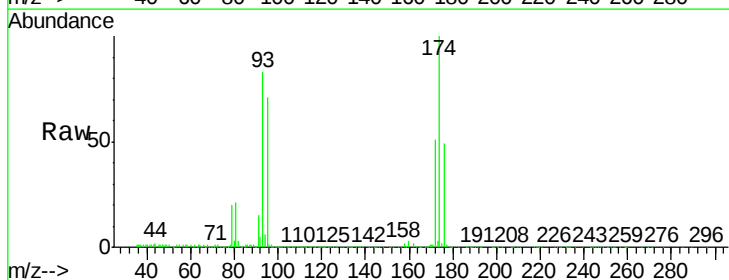
Manual Integrations
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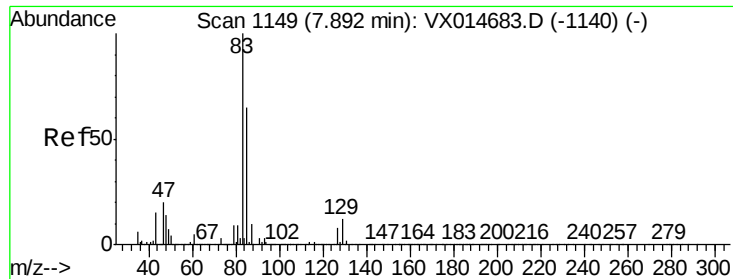
MMDadoda
 1/31/2020 10:52:10 AM



#46
 Dibromomethane
 Concen: 20.124 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.7	67.0	100.4
174	116.8	90.2	135.2





#47

Bromodichloromethane

Concen: 20.347 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

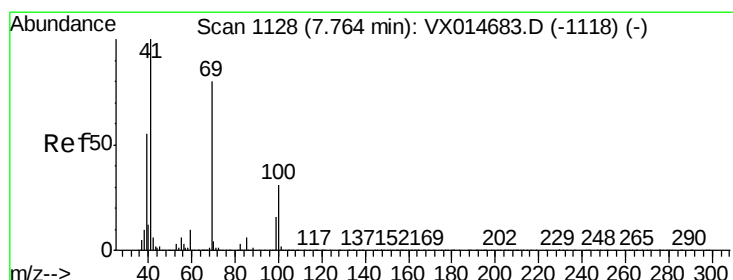
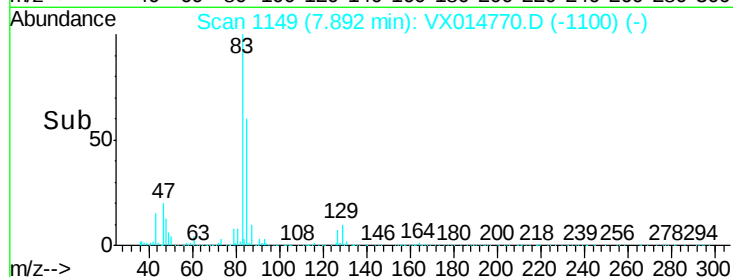
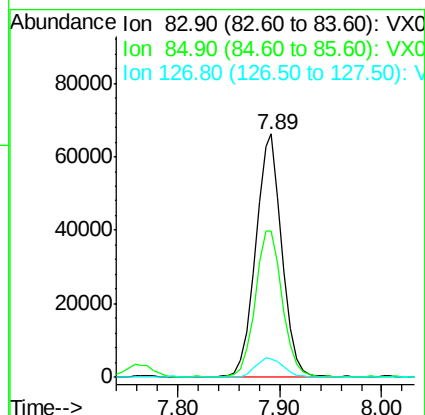
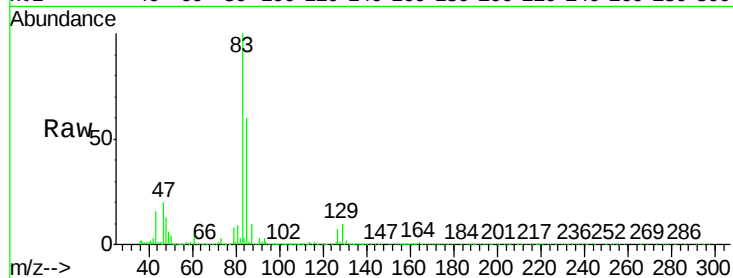
ClientSampleId :

VX0130WBS01

Tot Ion:	83	Resp:	117943
Ion	Ratio	Lower	Upper
83	100		
85	60.0	52.2	78.2
127	7.3	6.4	9.6

Manual Integrations
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MMDadoda
1/31/2020 10:52:10 AM



#48

Methyl methacrylate

Concen: 19.497 ug/l

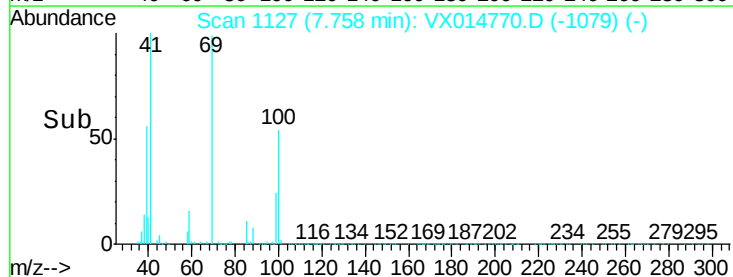
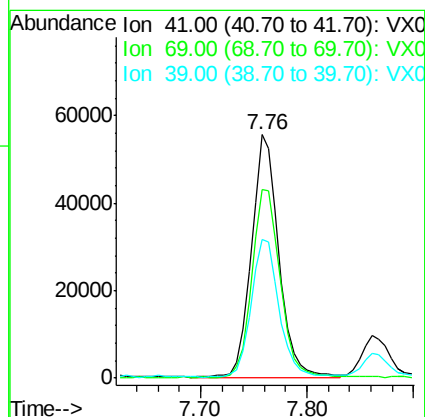
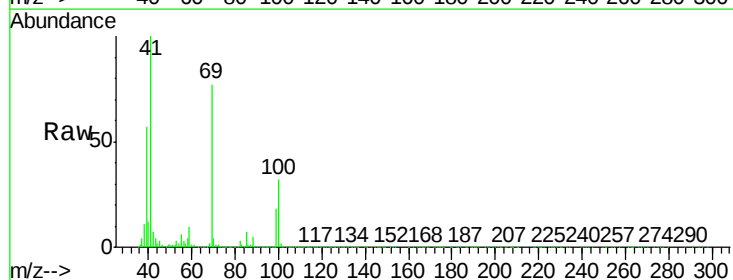
RT: 7.76 min Scan# 1127

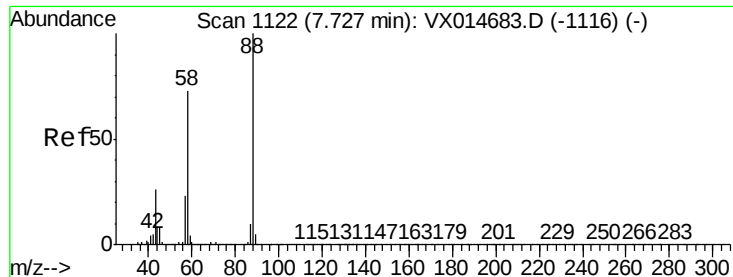
Delta R.T. -0.01 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Tgt Ion:	41	Resp:	100159
Ion	Ratio	Lower	Upper
41	100		
69	80.0	63.5	95.3
39	57.6	43.7	65.5





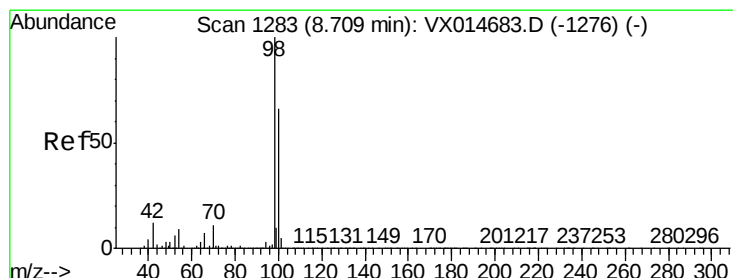
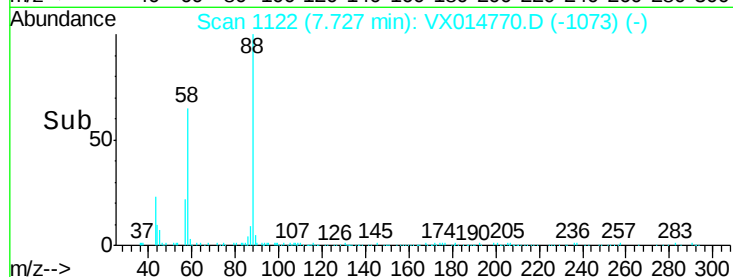
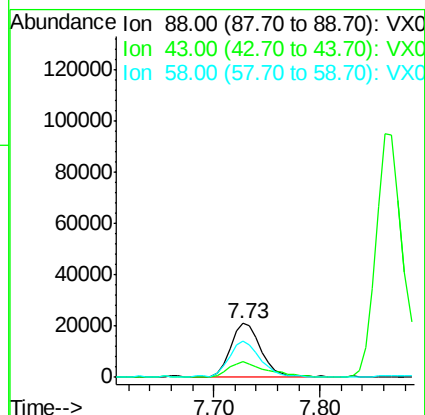
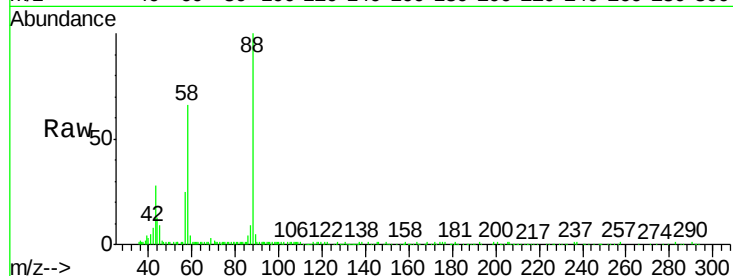
#49
1,4-Dioxane
Concen: 390.248 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	26.2	39.2
58	68.1	56.6	85.0

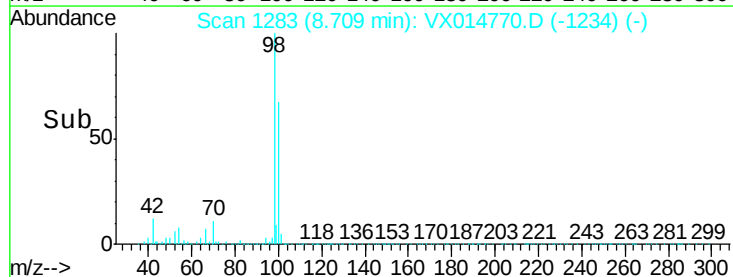
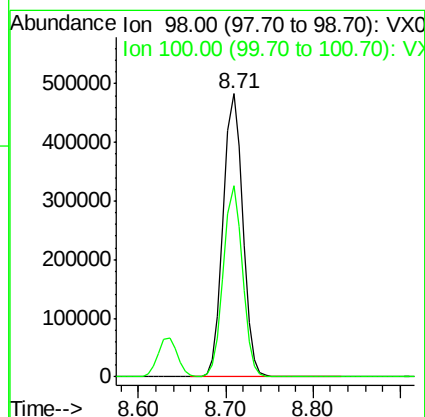
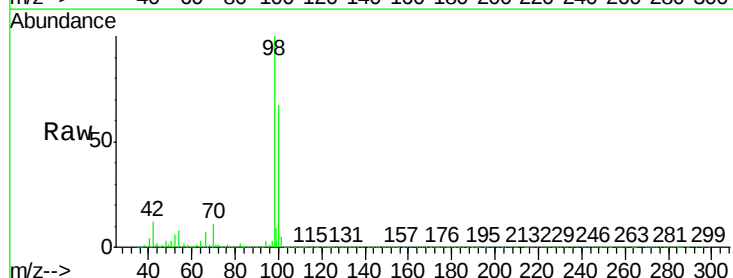
Manual Integrations
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#50
Toluene-d8
Concen: 50.071 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 96.326 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBS01

Tot Ion: 43 Resp: 653683

Ion Ratio Lower Upper

43 100

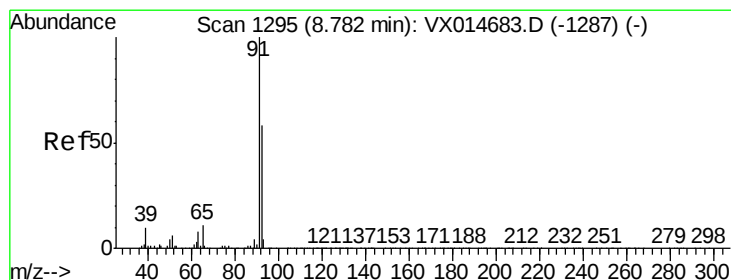
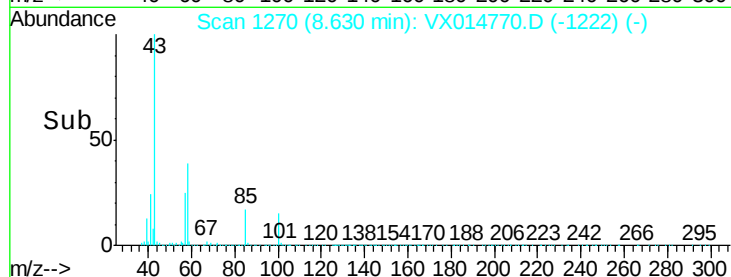
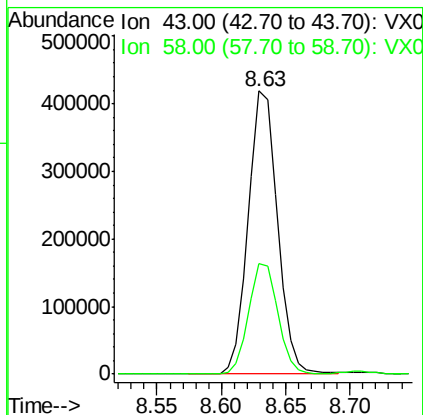
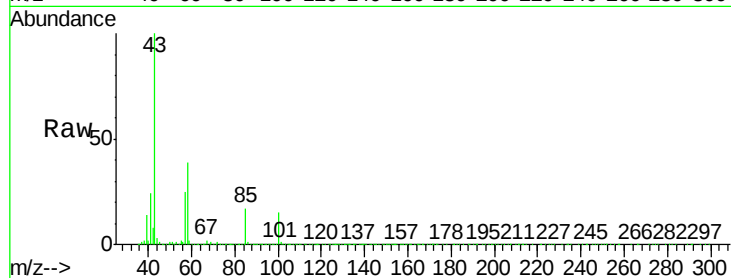
58 39.4 31.6 47.4

Manual Integrations

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MMDadoda

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#52

Toluene

Concen: 20.500 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014770.D

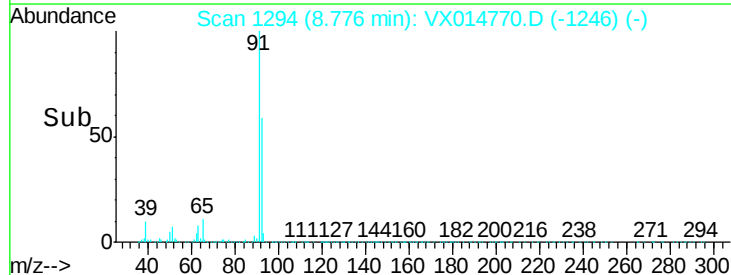
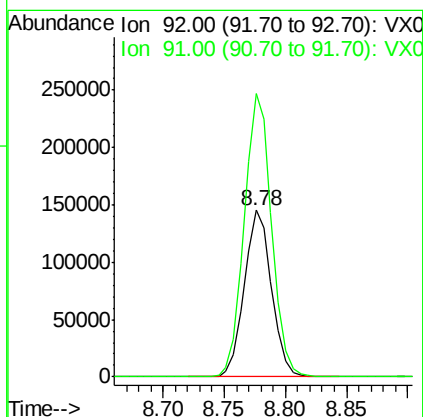
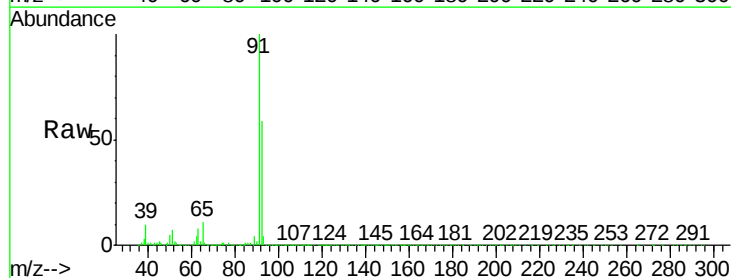
Acq: 30 Jan 2020 11:22

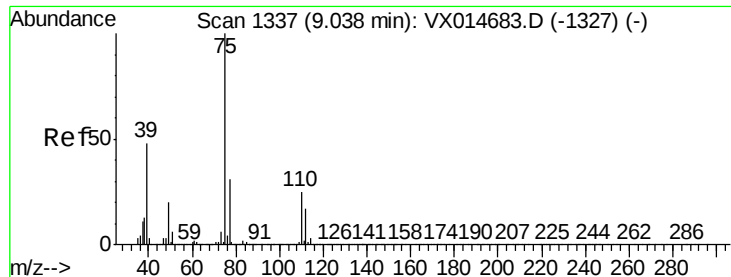
Tgt Ion: 92 Resp: 223206

Ion Ratio Lower Upper

92 100

91 171.2 135.9 203.9





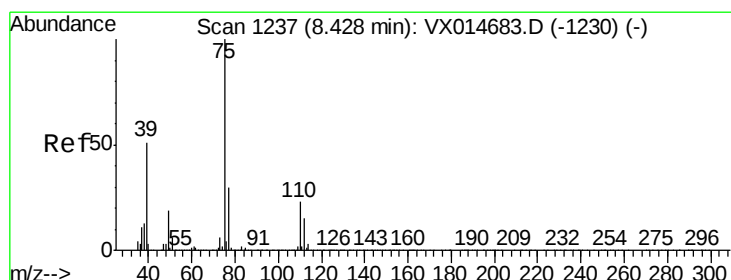
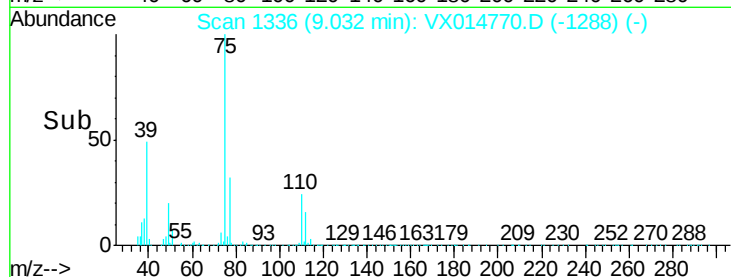
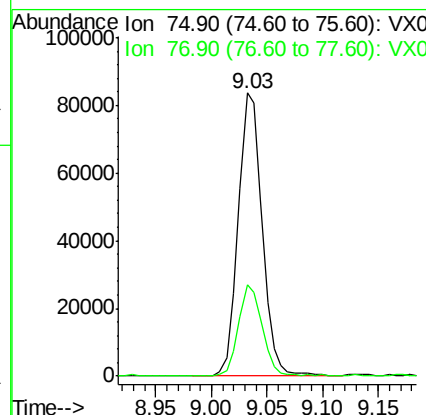
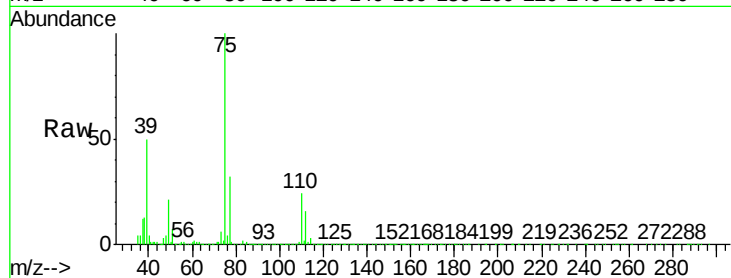
#53
t-1,3-Dichloropropene
Concen: 19.898 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.9	37.3

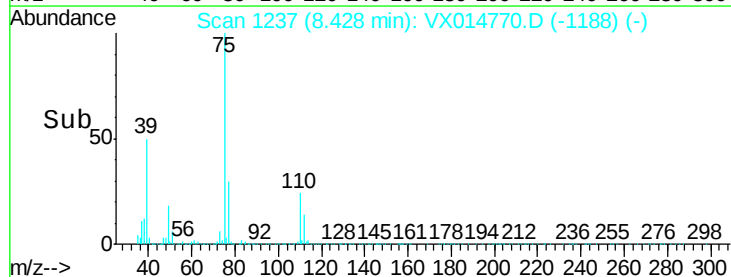
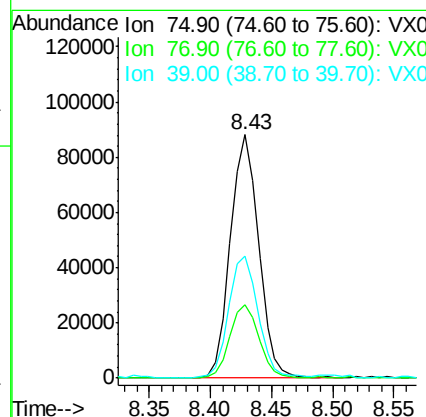
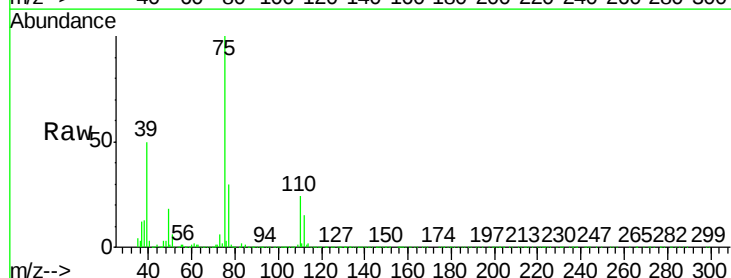
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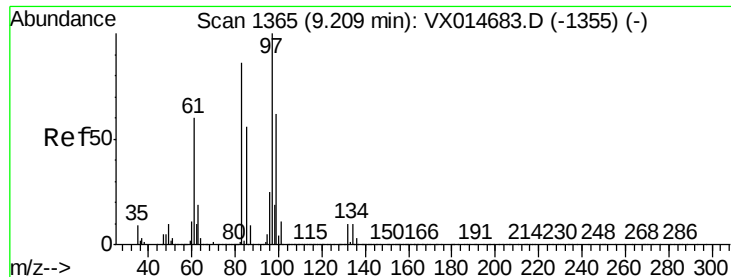
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 20.475 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.6	23.9	35.9
39	50.0	40.9	61.3





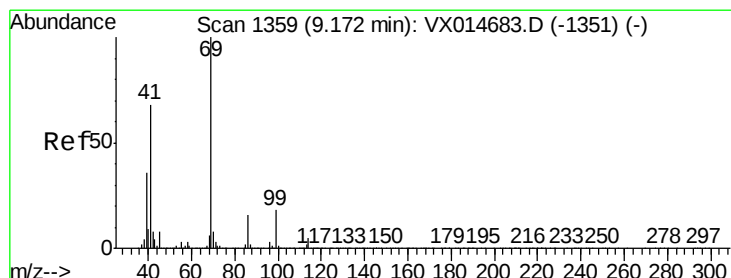
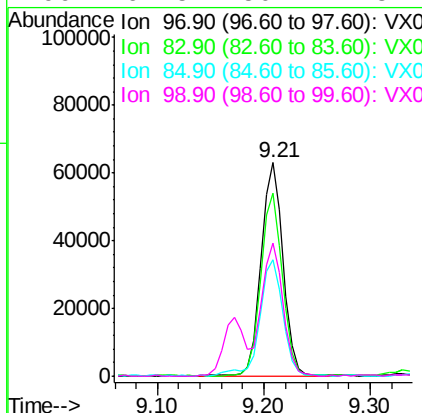
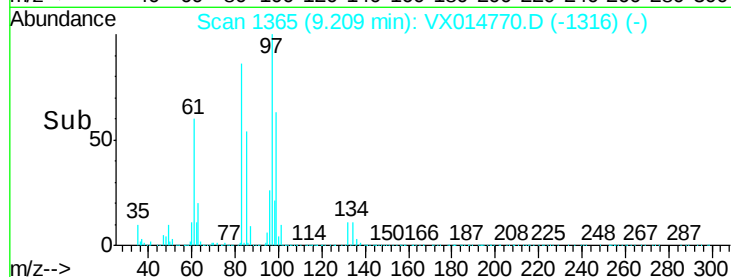
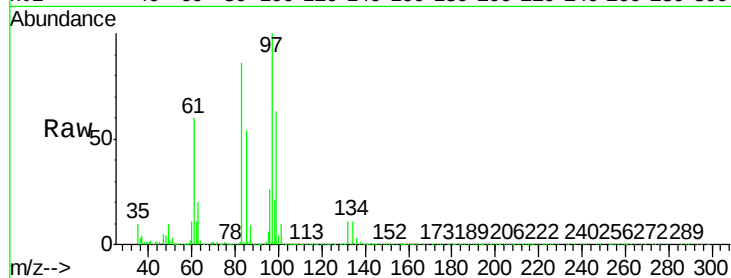
#55
 1,1,2-Trichloroethane
 Concen: 20.445 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBS01

Tot Ion:	97	Resp:	91144
Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.2	103.8
85	54.1	44.6	67.0
99	62.5	50.1	75.1

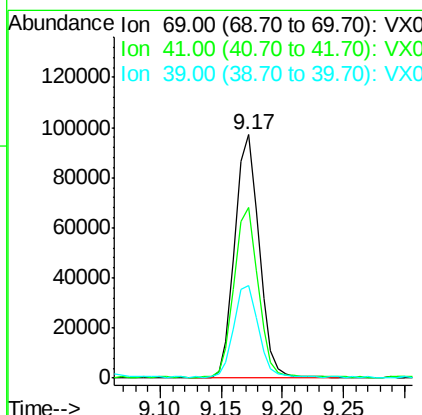
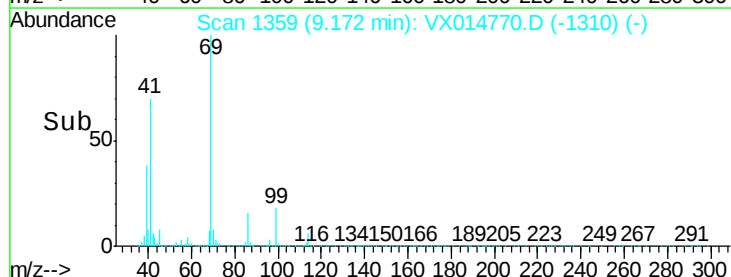
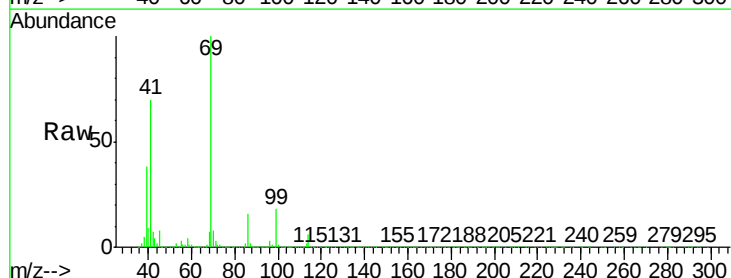
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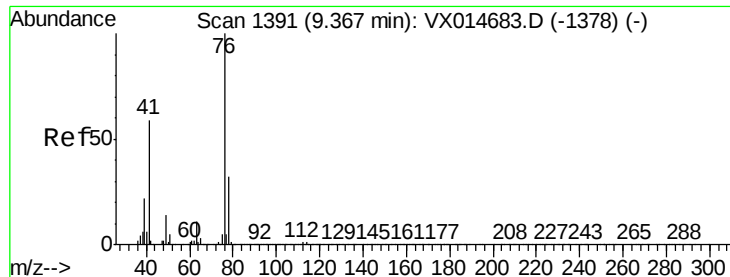
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#56
 Ethyl methacrylate
 Concen: 18.881 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Tgt Ion:	69	Resp:	133988
Ion	Ratio	Lower	Upper
69	100		
41	69.6	54.9	82.3
39	37.9	29.3	43.9





#57

1,3-Dichloropropane

Concen: 20.380 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBS01

Tot Ion: 76 Resp: 155310

Ion Ratio Lower Upper

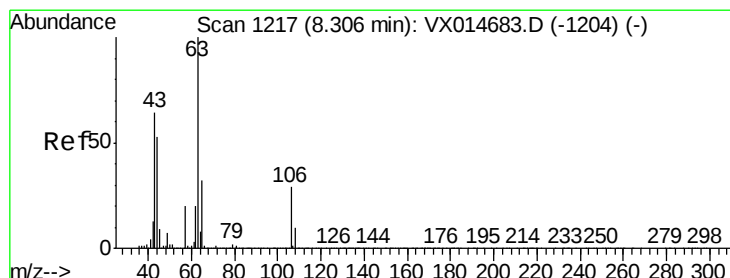
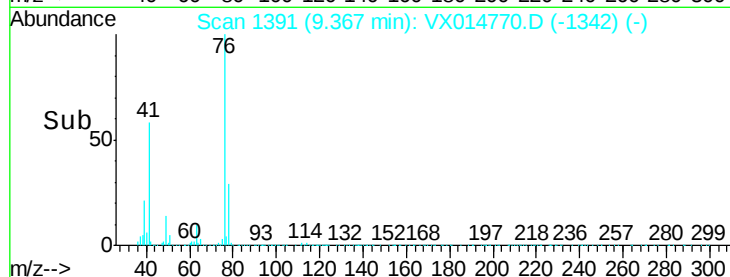
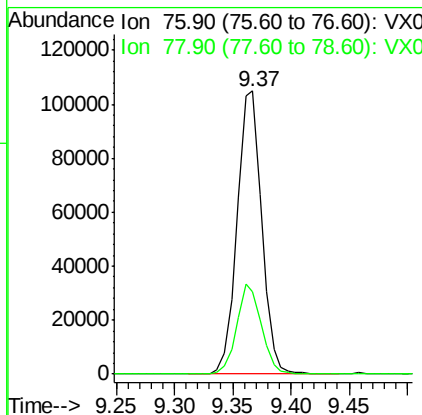
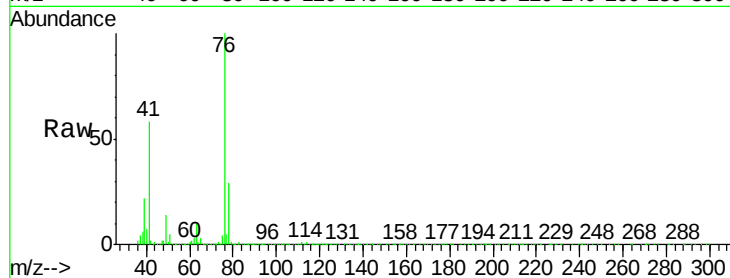
76 100

78 31.2 26.0 39.0

Manual Integrations
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1/31/2020 10:52:10 AM



#58

2-Chloroethyl Vinyl ether

Concen: 95.922 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014770.D

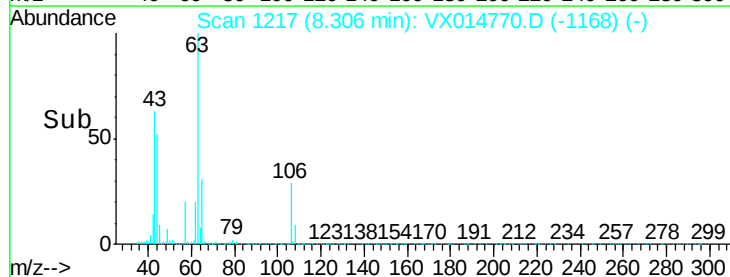
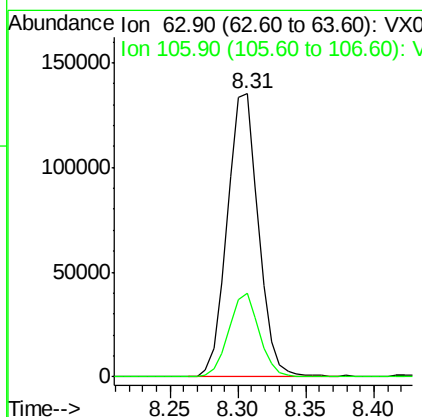
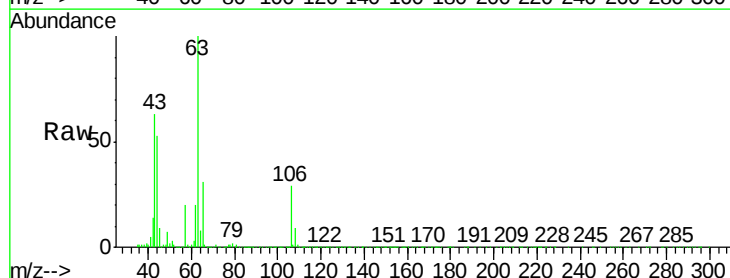
Acq: 30 Jan 2020 11:22

Tgt Ion: 63 Resp: 215049

Ion Ratio Lower Upper

63 100

106 28.8 22.7 34.1





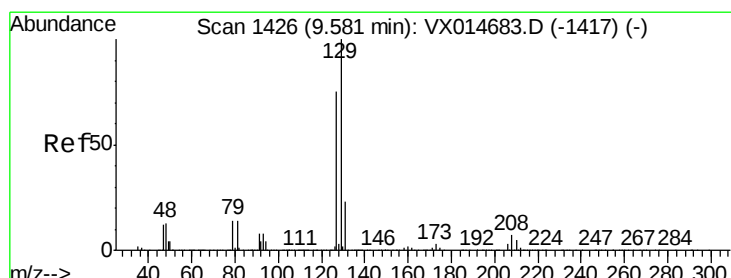
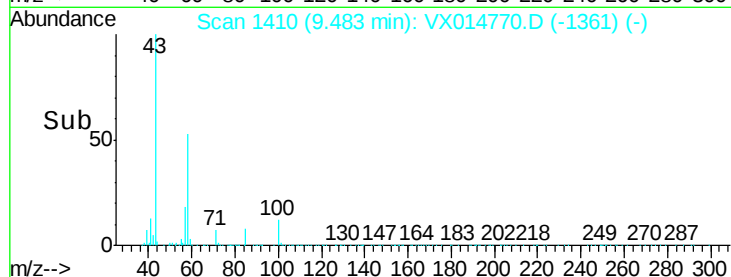
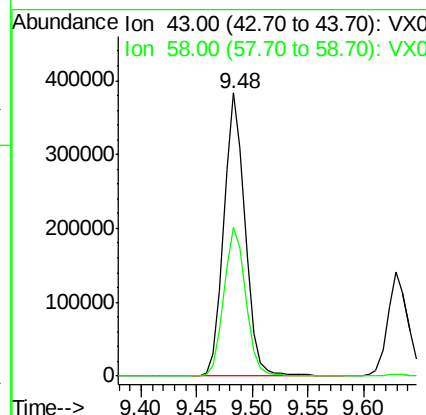
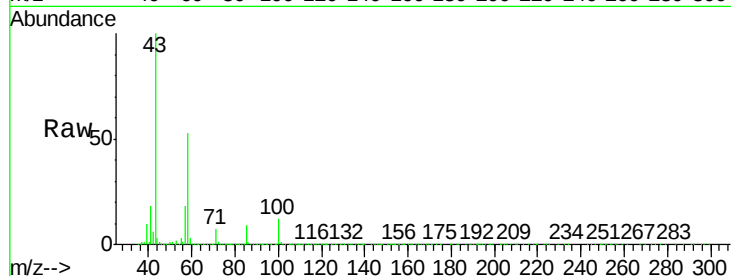
#59
2-Hexanone
Concen: 95.652 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion: 43 Resp: 503699
Ion Ratio Lower Upper
43 100
58 54.1 27.2 81.5

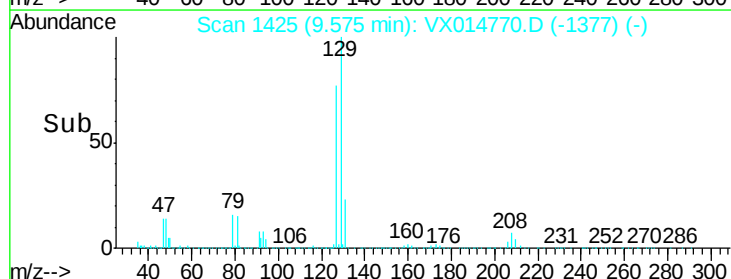
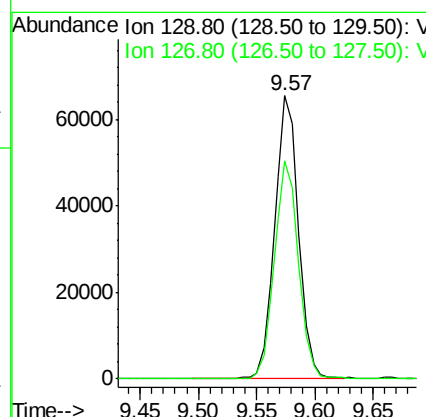
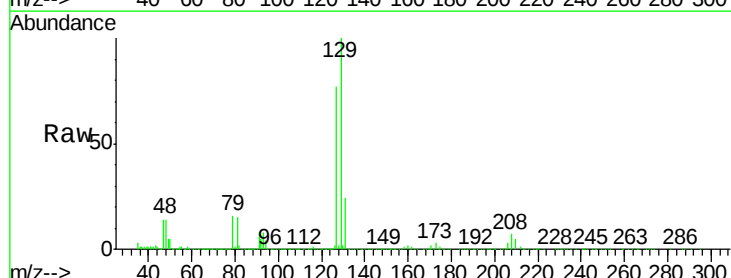
Manual Integrations
APPROVED

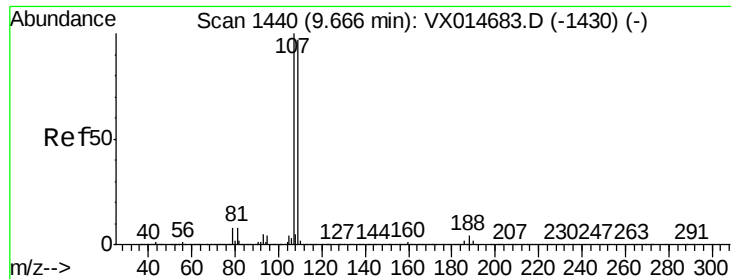
MMDadoda
1/31/2020 10:52:10 AM



#60
Dibromochloromethane
Concen: 19.991 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion: 129 Resp: 93019
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.954 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBS01

Tot Ion: 107 Resp: 94052

Ion Ratio Lower Upper

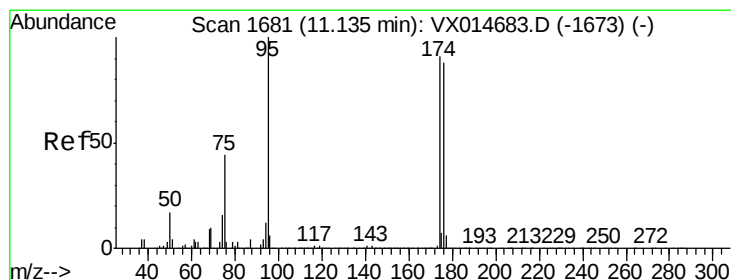
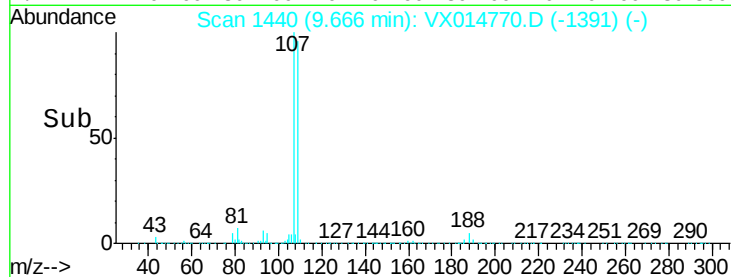
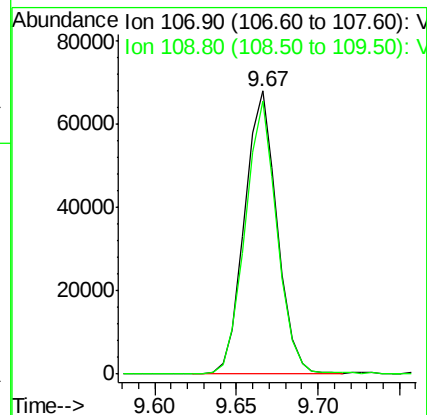
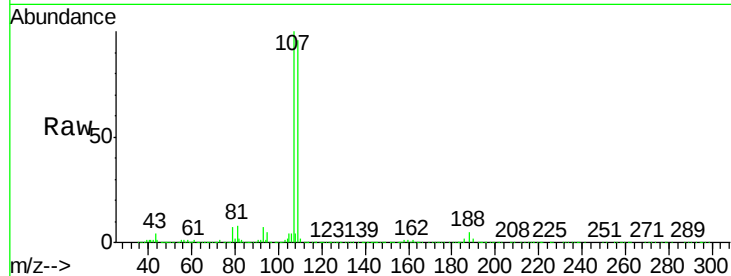
107 100

109 95.0 76.2 114.2

Manual Integrations
APPROVED

MMDadoda

1/31/2020 10:52:10 AM



#62

4-Bromofluorobenzene

Concen: 49.388 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

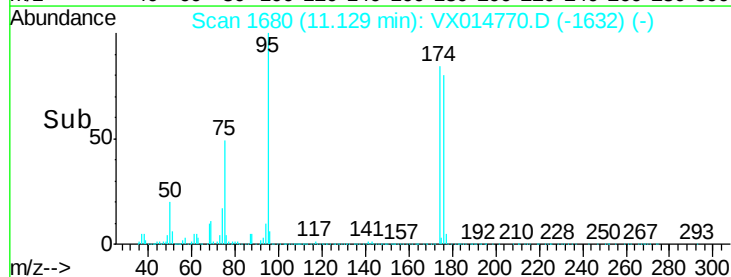
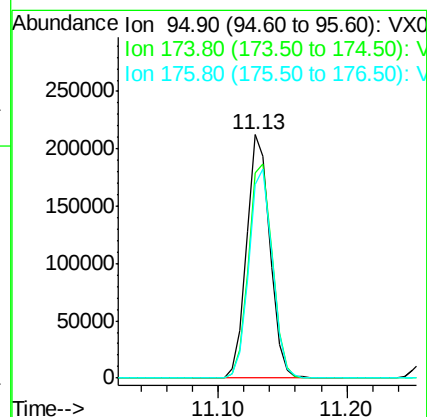
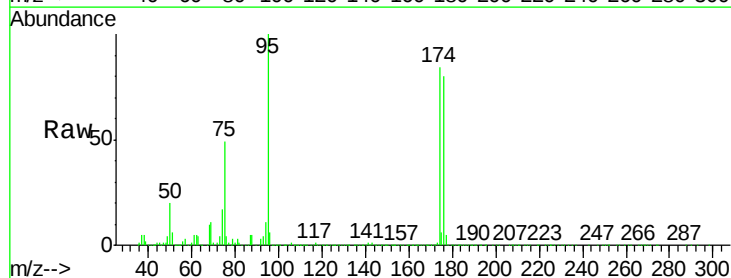
Tgt Ion: 95 Resp: 263302

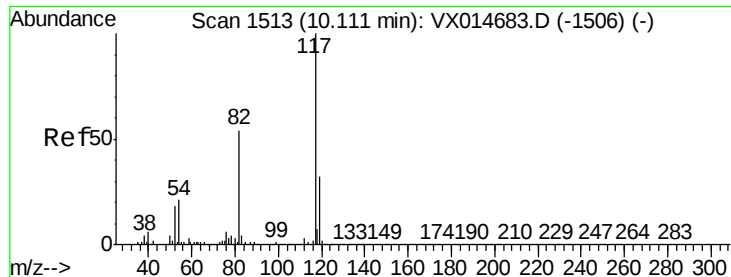
Ion Ratio Lower Upper

95 100

174 90.1 0.0 176.0

176 86.8 0.0 172.2





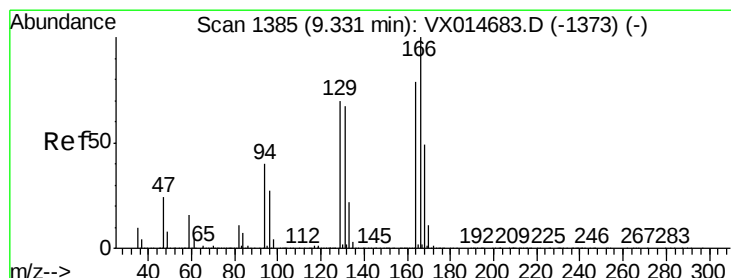
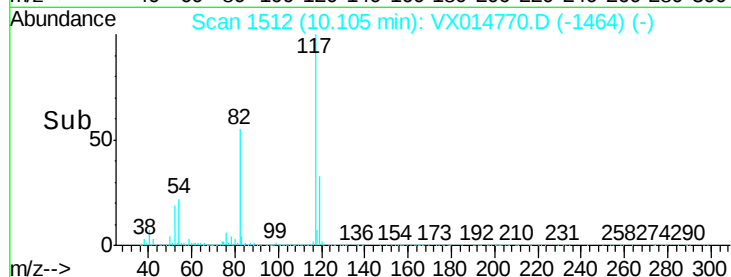
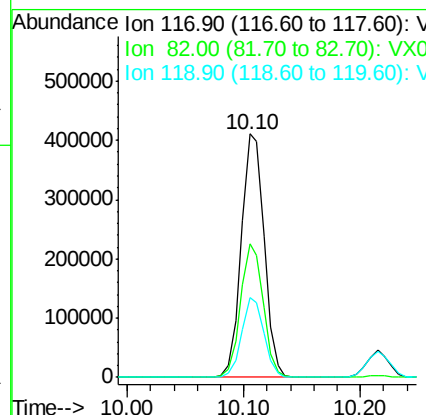
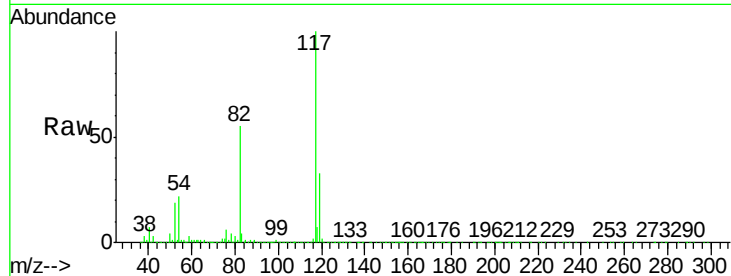
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.2	64.8
119	32.8	25.8	38.6

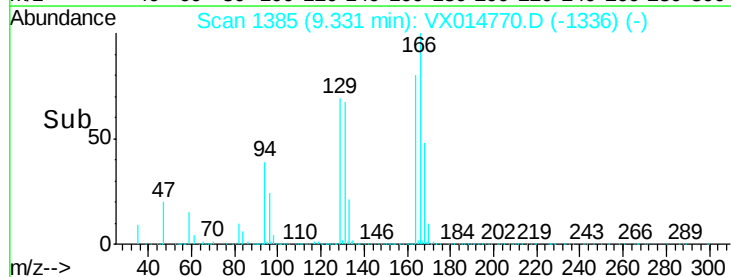
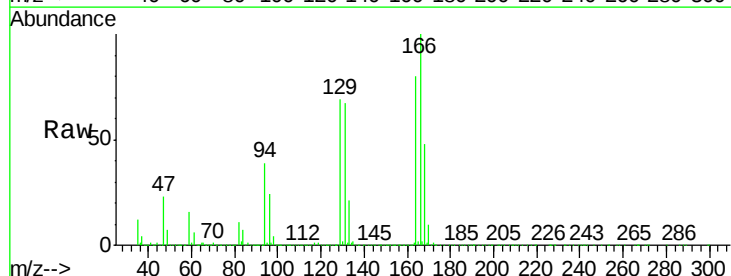
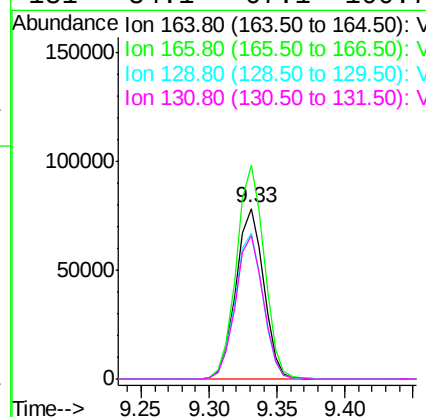
Manual Integrations
APPROVED

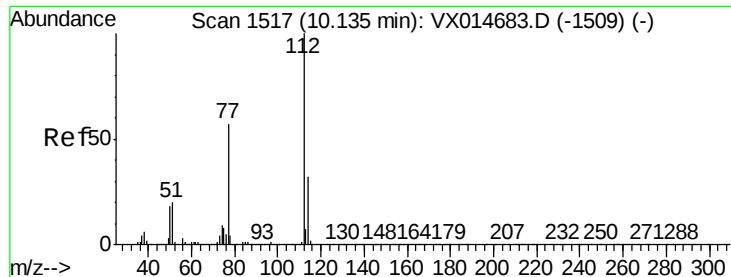
MMDadoda
1/31/2020 10:52:10 AM



#64
Tetrachloroethene
Concen: 19.949 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.0	100.9	151.3
129	85.6	71.0	106.6
131	84.1	67.1	100.7





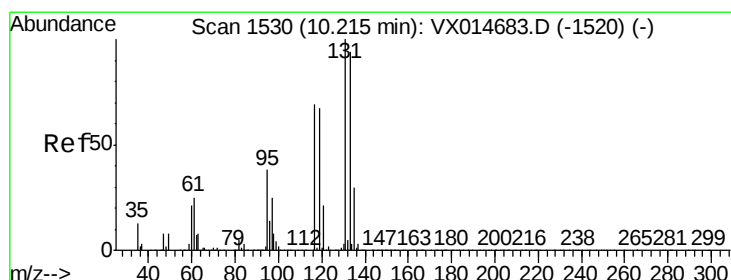
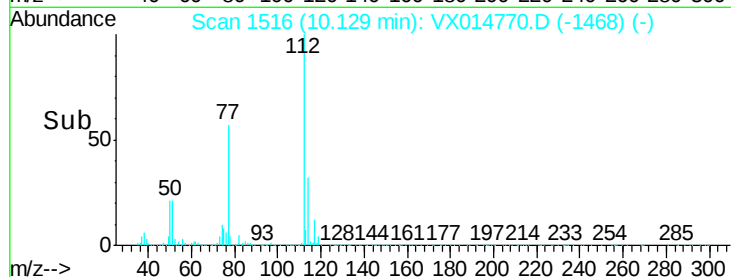
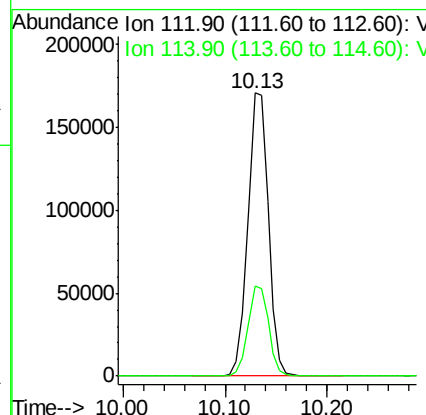
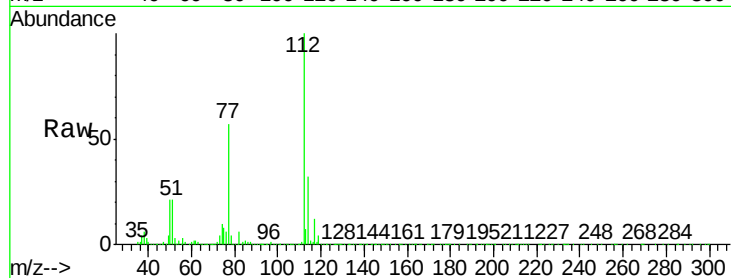
#65
Chlorobenzene
Concen: 19.716 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.8	38.8

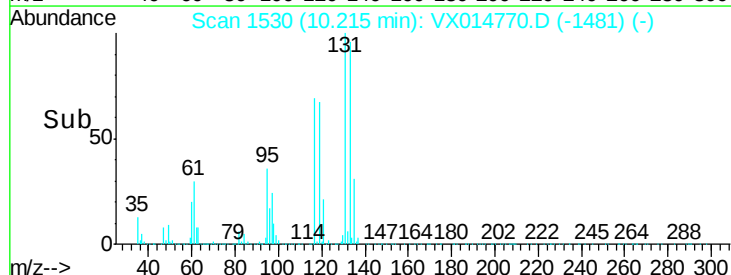
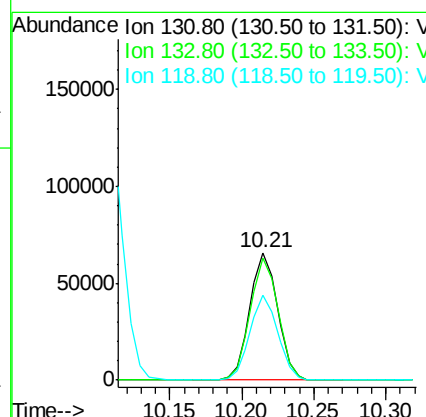
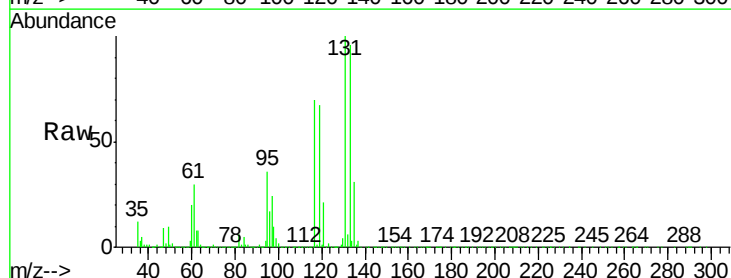
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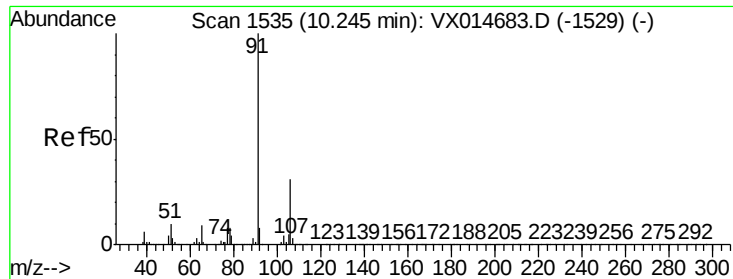
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.779 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.4	142.3
119	66.5	33.3	99.8





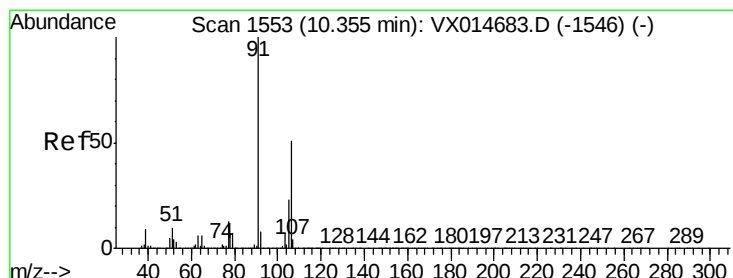
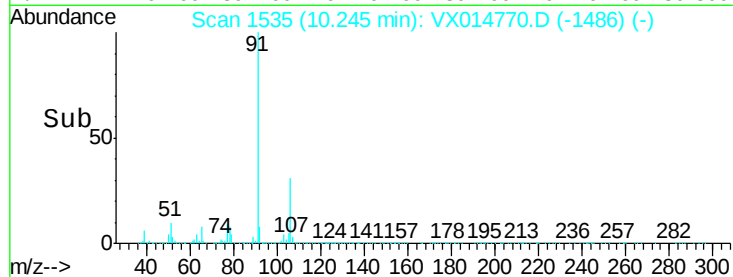
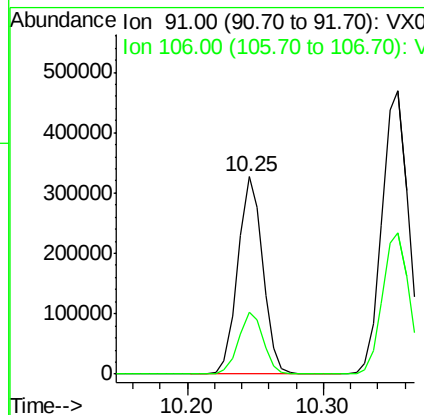
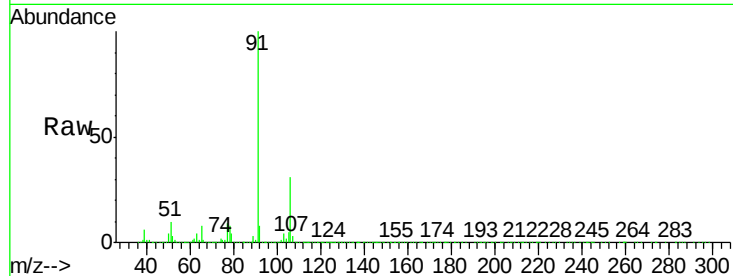
#67
Ethyl Benzene
Concen: 20.312 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampled :
VX0130WBS01

Tot Ion: 91 Resp: 418867
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

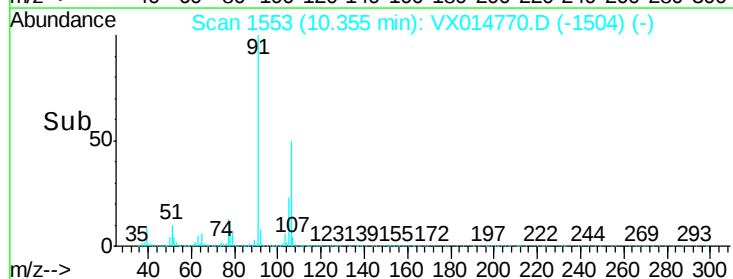
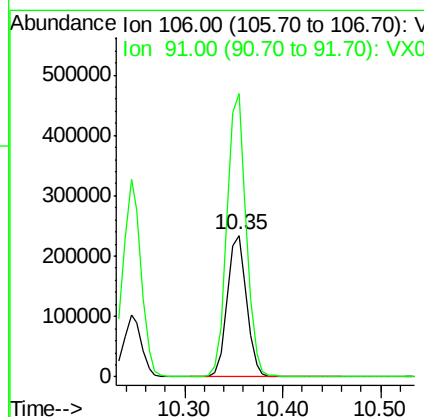
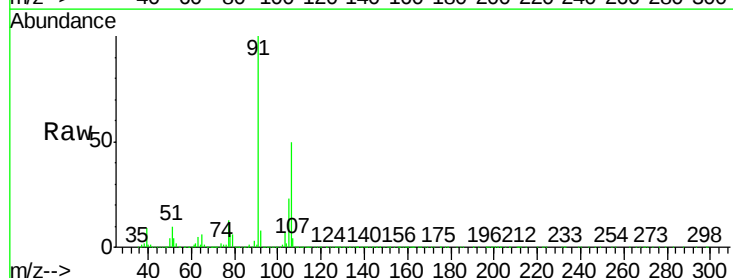
Manual Integrations
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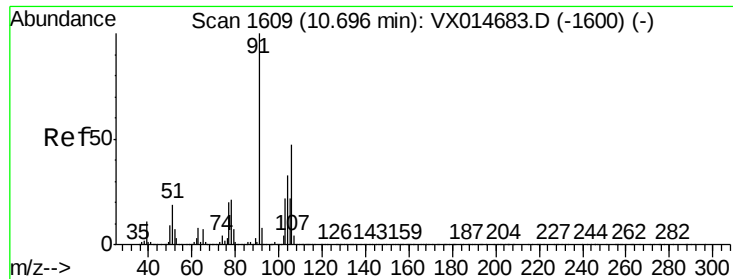
MMDadoda
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#68
m/p-Xylenes
Concen: 40.926 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion: 106 Resp: 319732
Ion Ratio Lower Upper
106 100
91 199.3 159.4 239.2





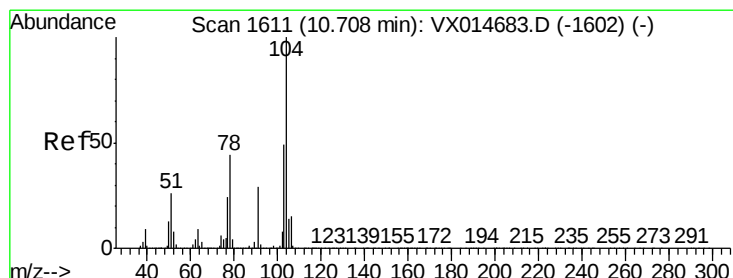
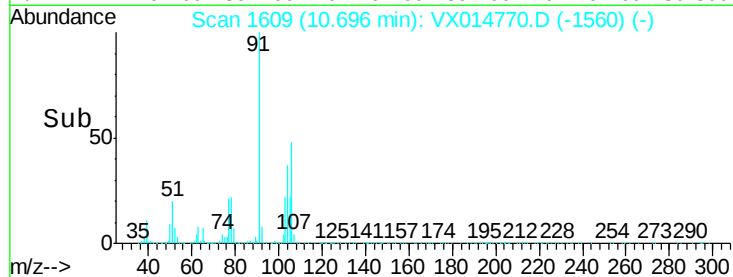
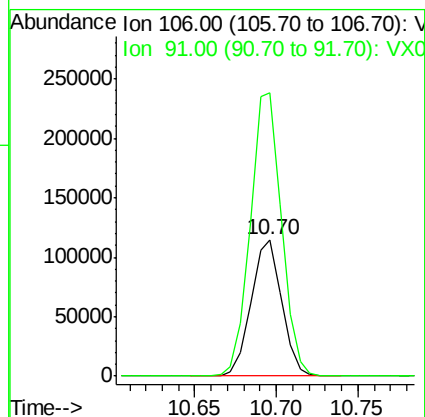
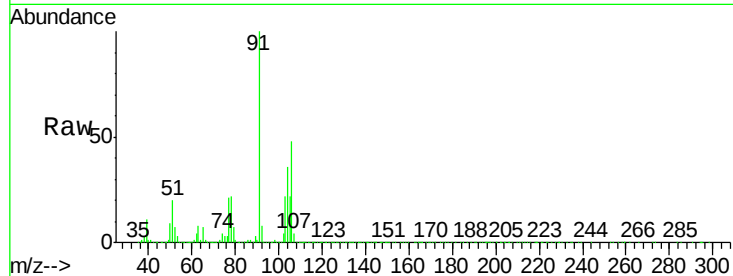
#69
o-Xylene
Concen: 19.829 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion:106 Resp: 149551
Ion Ratio Lower Upper
106 100
91 212.8 106.2 318.6

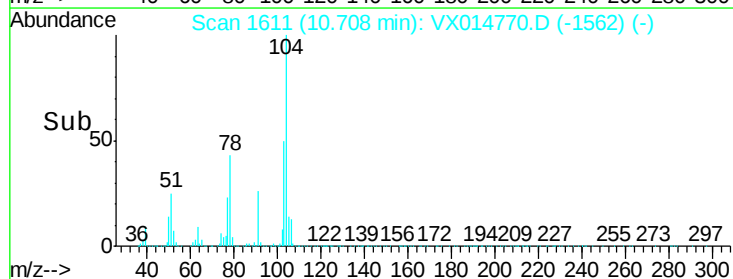
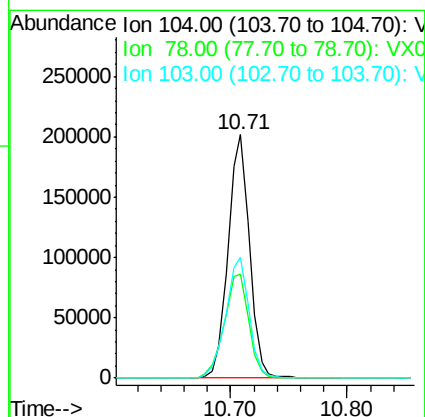
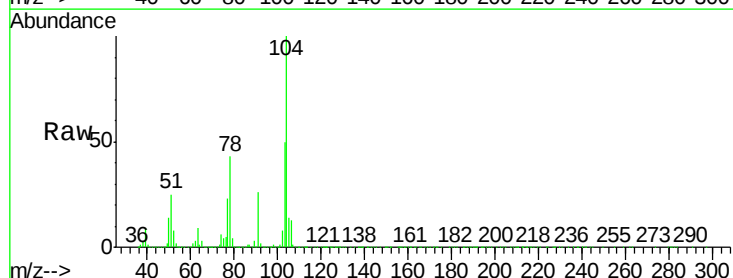
Manual Integrations
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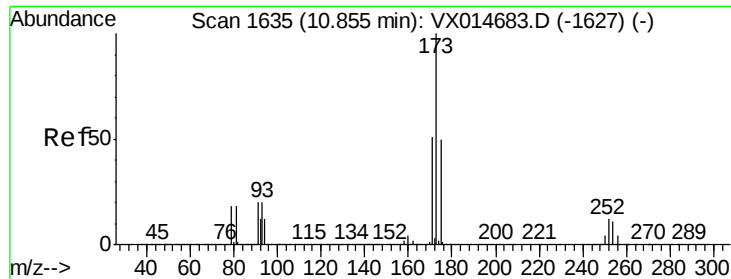
MMDadoda
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#70
Styrene
Concen: 20.292 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion:104 Resp: 256720
Ion Ratio Lower Upper
104 100
78 49.1 39.3 58.9
103 54.3 43.5 65.3





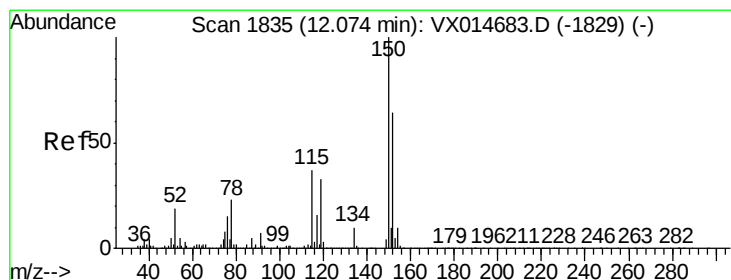
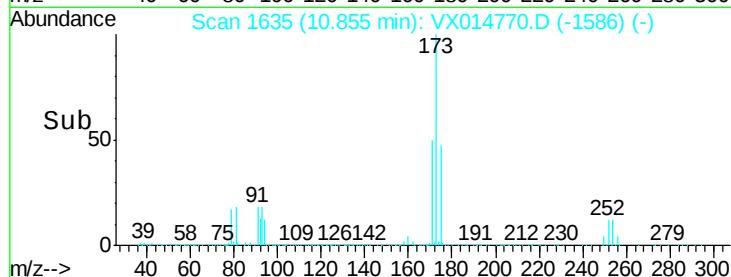
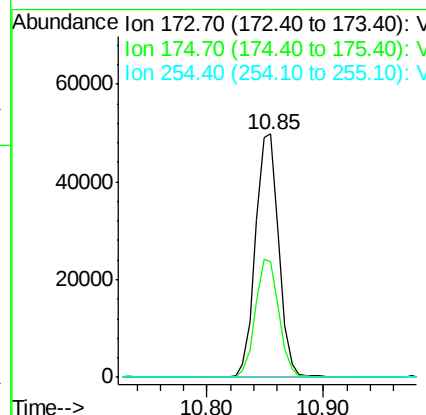
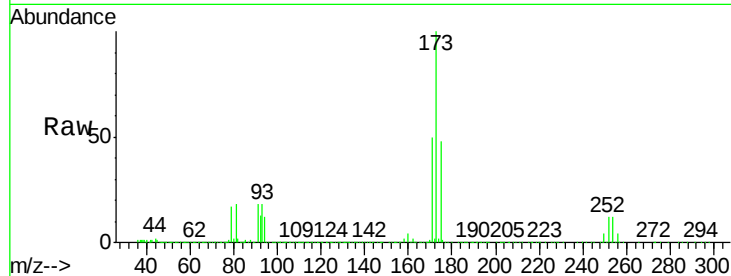
#71
Bromoform
Concen: 19.681 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.6	73.6
254	0.3	0.1	0.1#

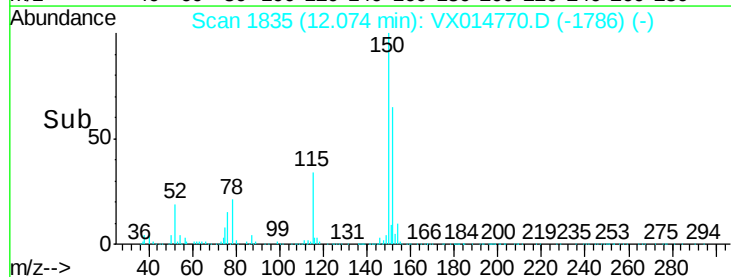
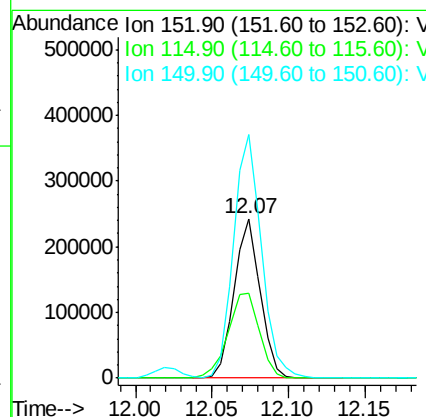
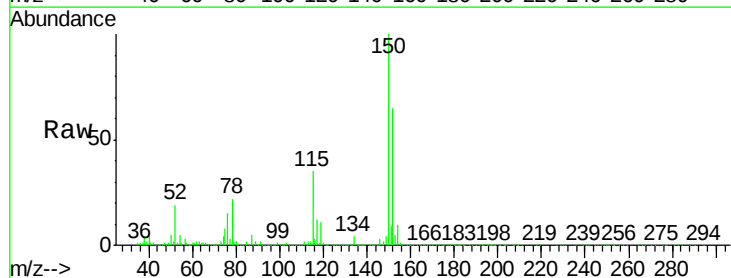
Manual Integrations
APPROVED

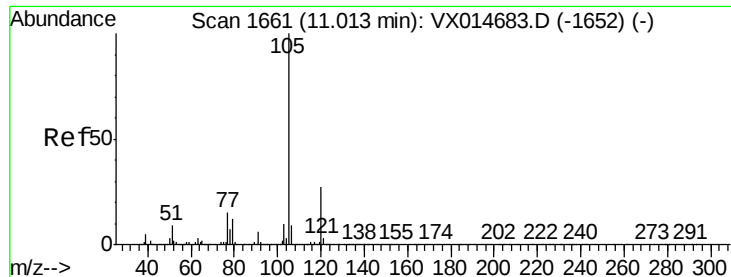
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	39.4	118.1
150	163.4	0.0	351.2





#73

Isopropylbenzene

Concen: 20.429 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0130WBS01

Tot Ion: 105 Resp: 411445

Ion Ratio Lower Upper

105 100

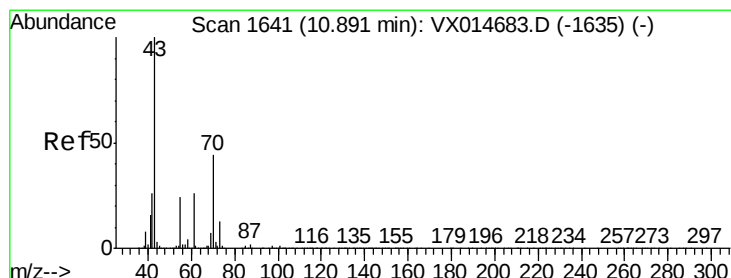
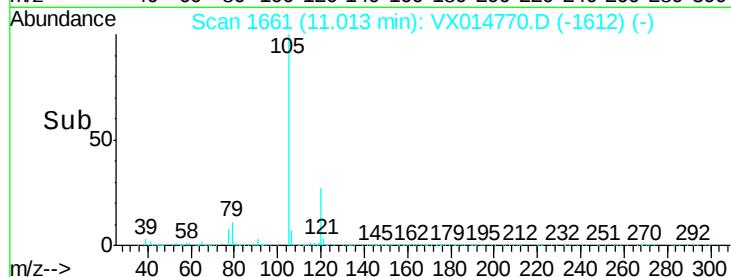
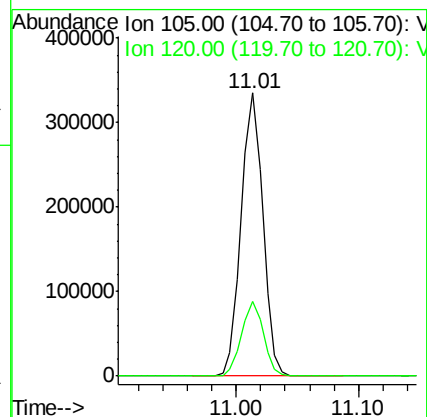
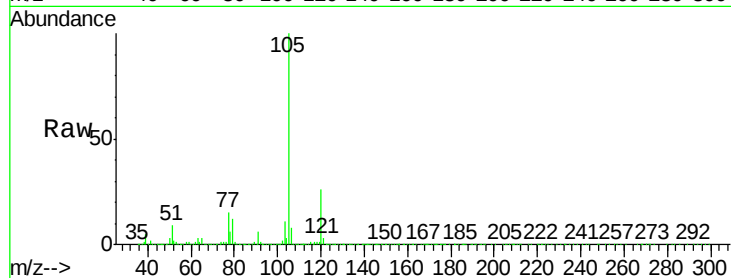
120 26.6

13.5 40.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 19.314 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Tgt Ion: 43 Resp: 170458

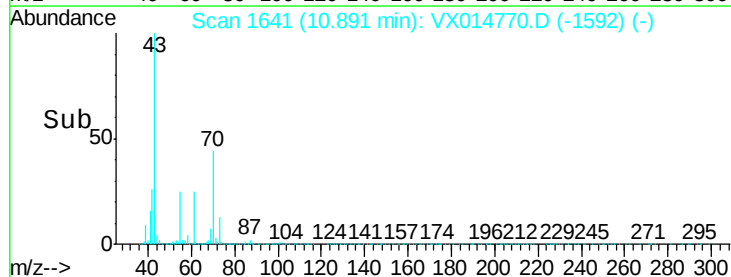
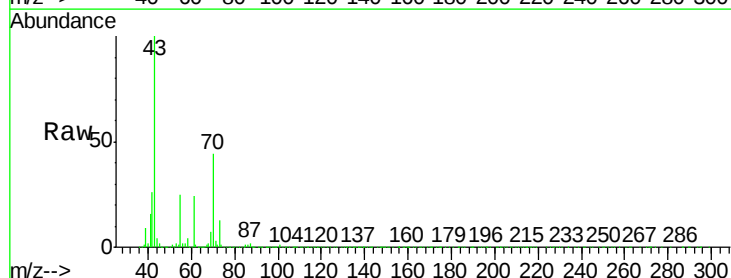
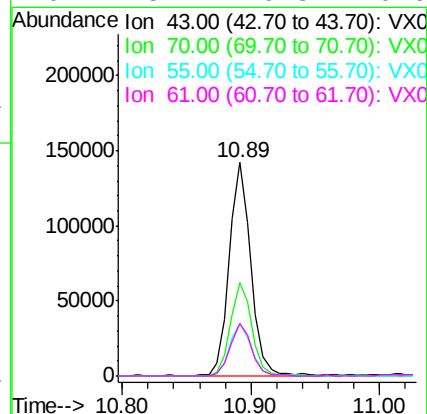
Ion Ratio Lower Upper

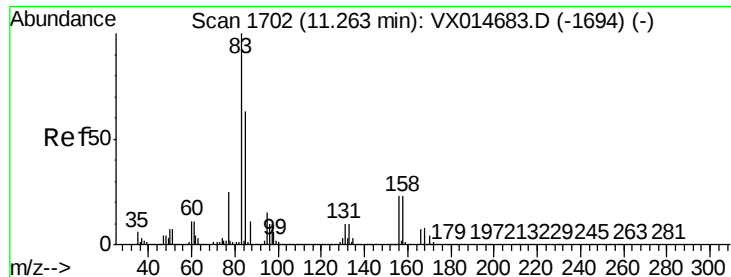
43 100

70 43.5 34.6 52.0

55 25.2 19.4 29.2

61 23.7 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.544 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

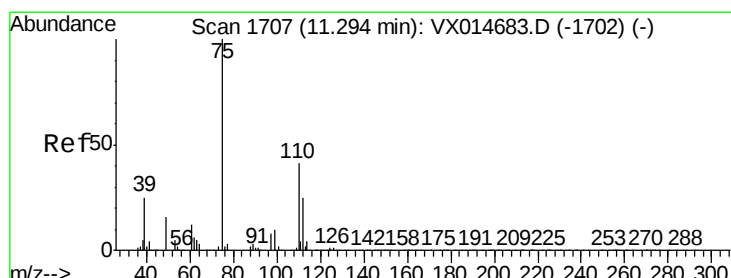
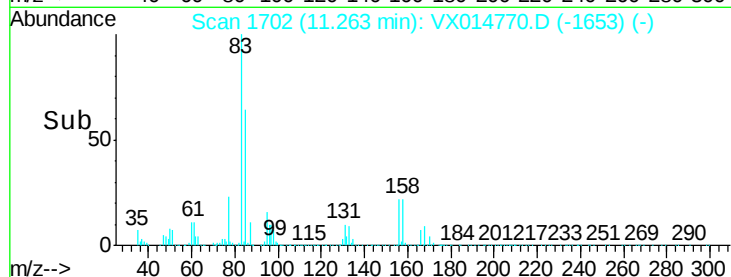
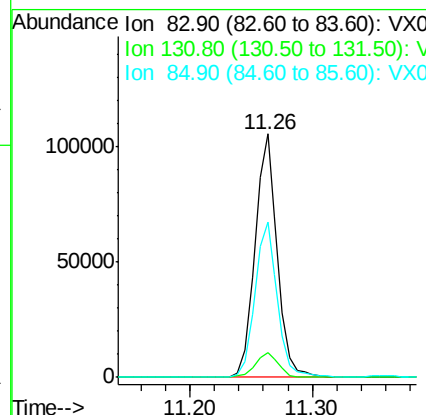
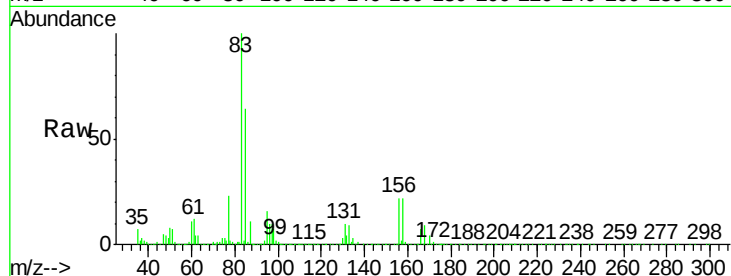
ClientSampled :

VX0130WBS01

Tot Ion:	83	Resp:	133355
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.0	15.0
85	64.2	31.7	95.1

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.819 ug/l m

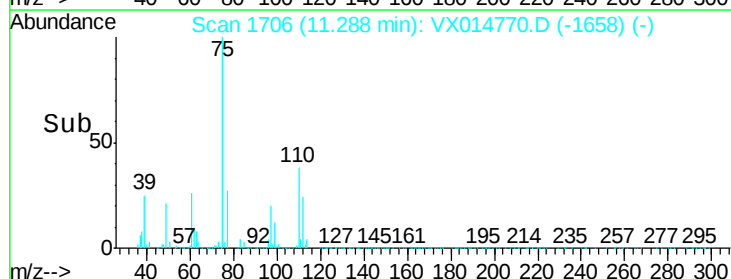
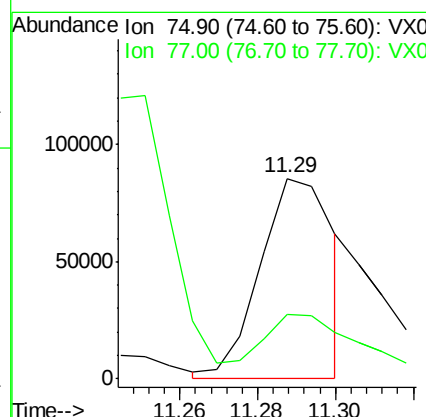
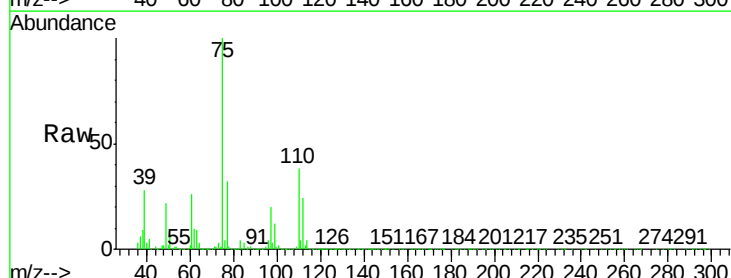
RT: 11.29 min Scan# 1706

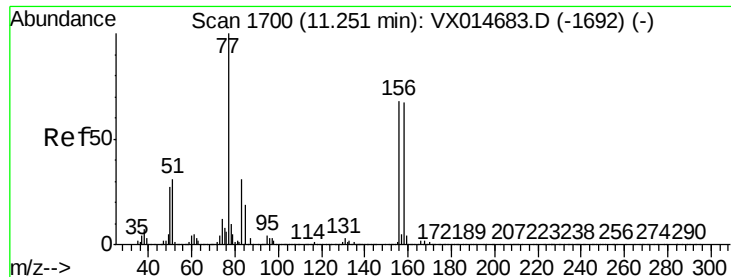
Delta R.T. -0.01 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Tgt Ion:	75	Resp:	112086
Ion Ratio	Lower	Upper	
75	100		
77	43.7	18.7	56.1





#77

Bromobenzene

Concen: 19.789 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

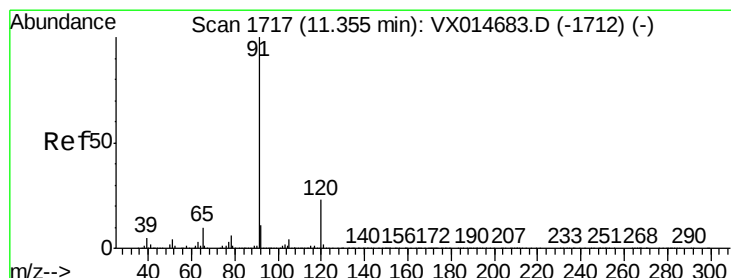
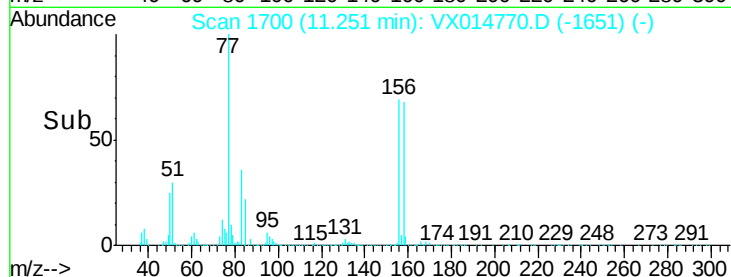
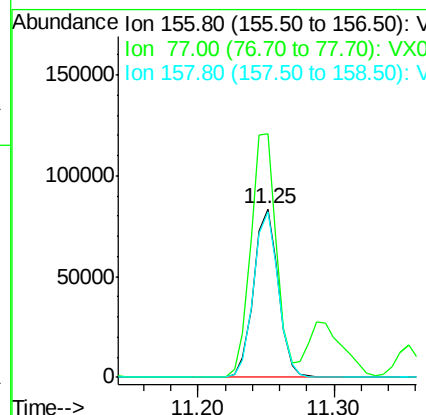
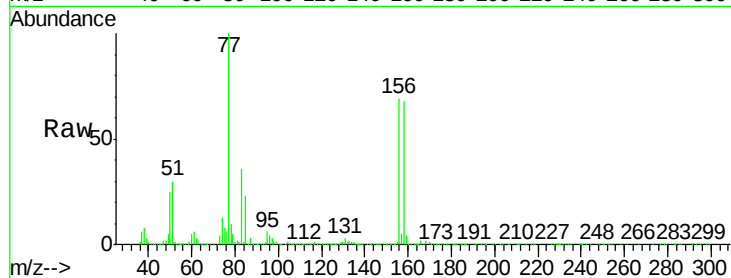
ClientSampleId :

VX0130WBS01

Tot Ion:	156	Resp:	107074
Ion Ratio	Lower	Upper	
156	100		
77	148.9	77.5	232.5
158	98.0	49.1	147.3

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#78

n-propylbenzene

Concen: 20.421 ug/l

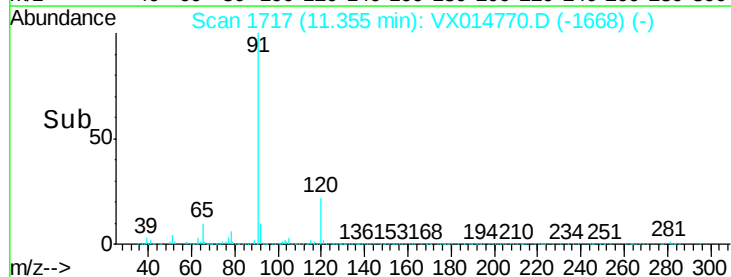
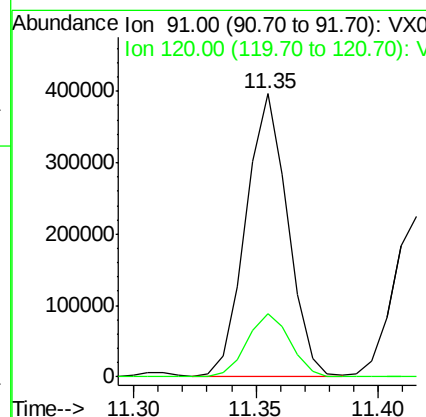
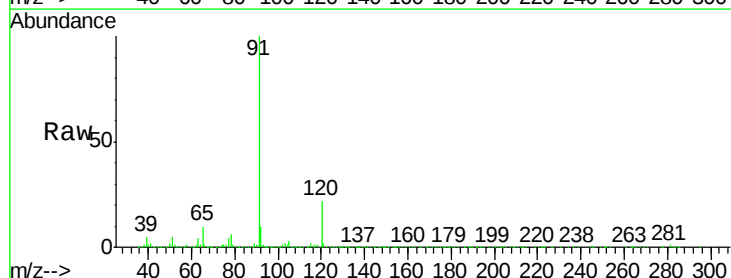
RT: 11.35 min Scan# 1717

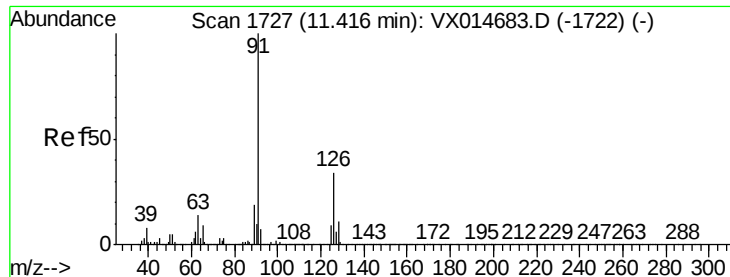
Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Tgt Ion:	91	Resp:	466856
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.7	35.0





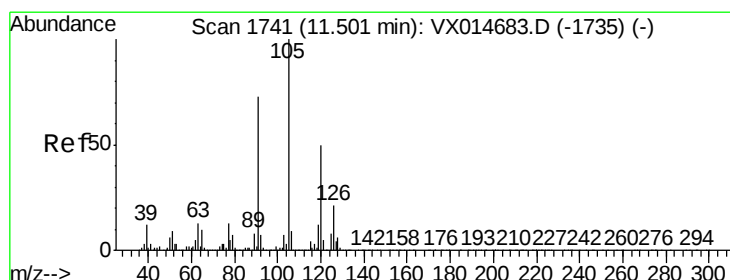
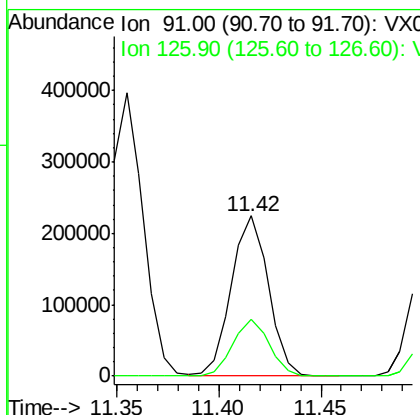
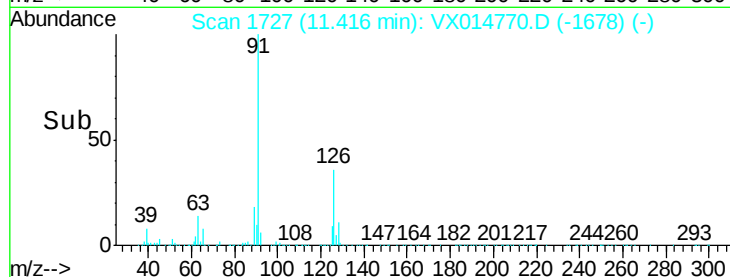
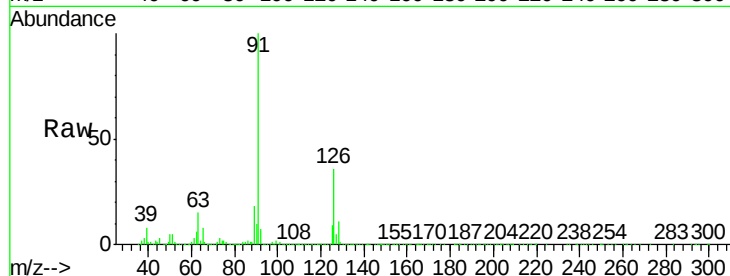
#79
2-Chlorotoluene
Concen: 20.318 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion: 91 Resp: 281055
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.9

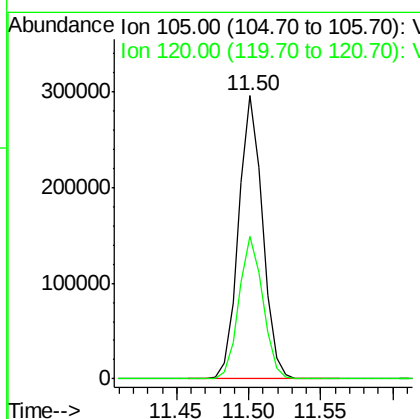
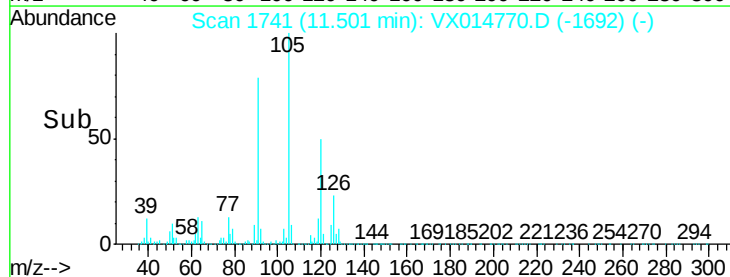
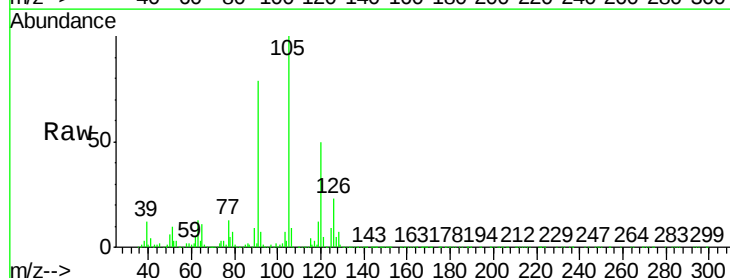
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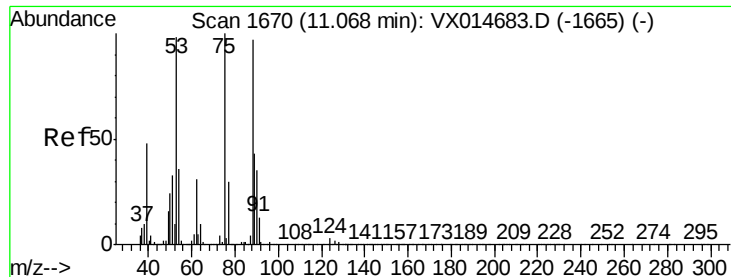
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#80
1,3,5-Trimethylbenzene
Concen: 20.428 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion: 105 Resp: 341475
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.6





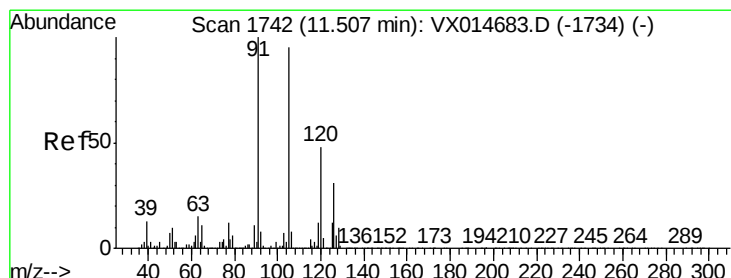
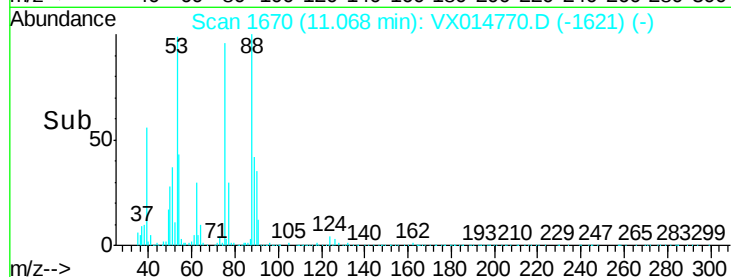
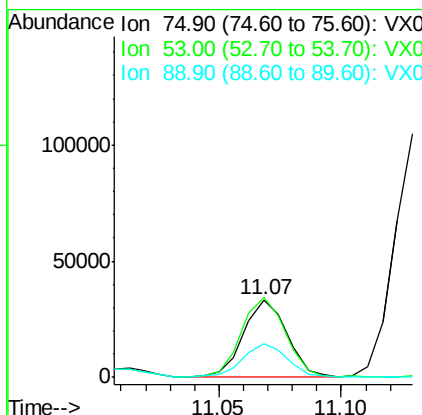
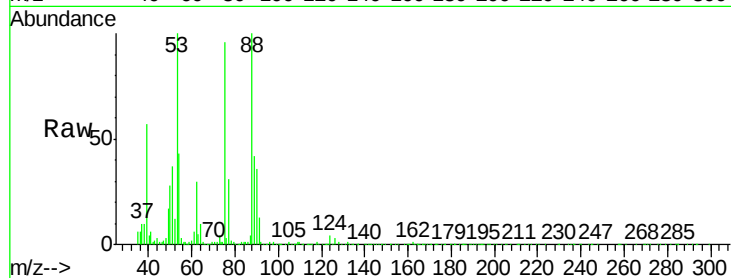
#81
trans-1,4-Dichloro-2-butene
Concen: 17.700 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.6	78.8	118.2
89	44.9	35.4	53.0

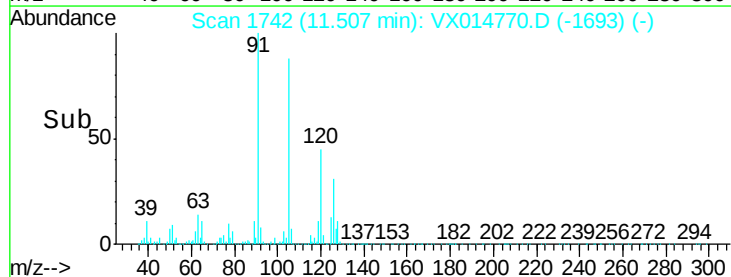
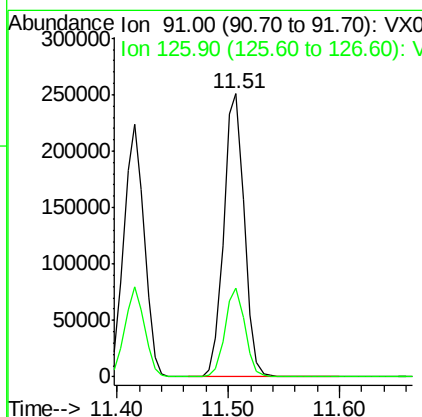
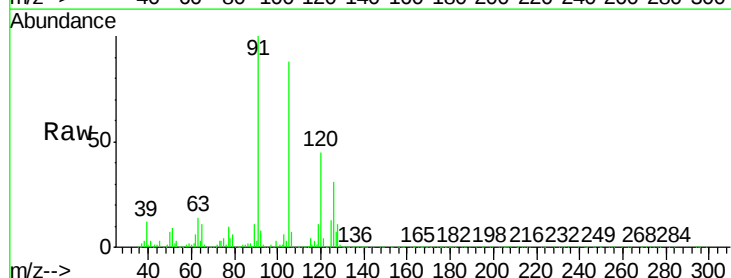
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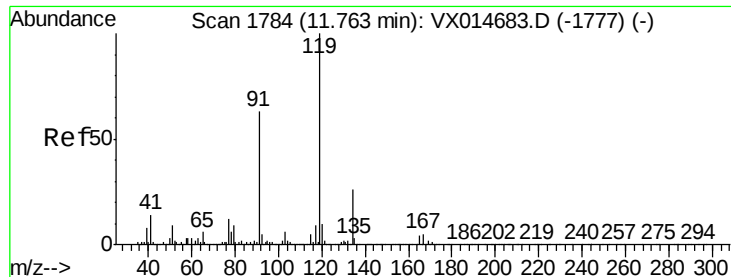
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#82
4-Chlorotoluene
Concen: 20.250 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.4	46.4





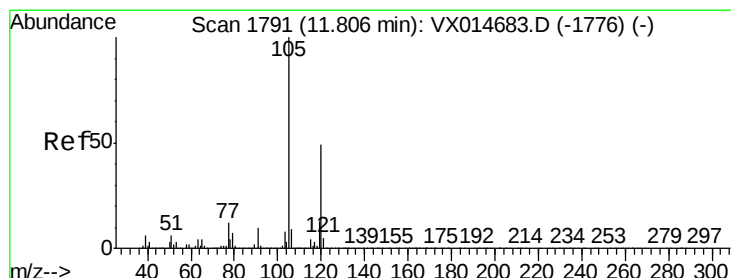
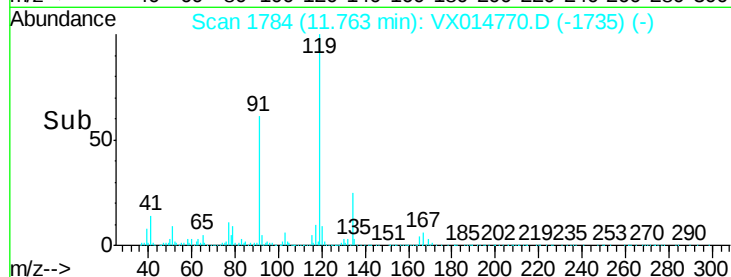
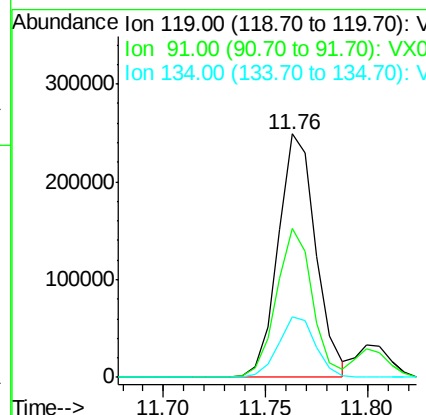
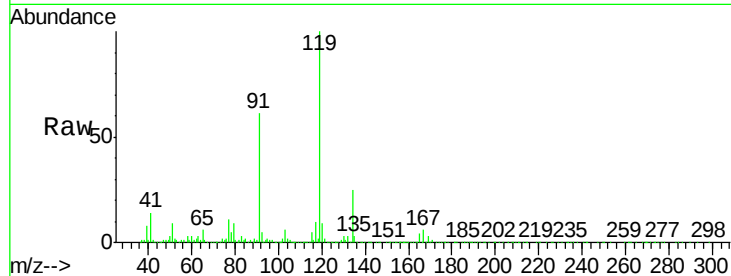
#83
tert-Butylbenzene
Concen: 20.389 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	320264		
91	58.0	30.0	90.0	
134	24.6	12.7	38.0	

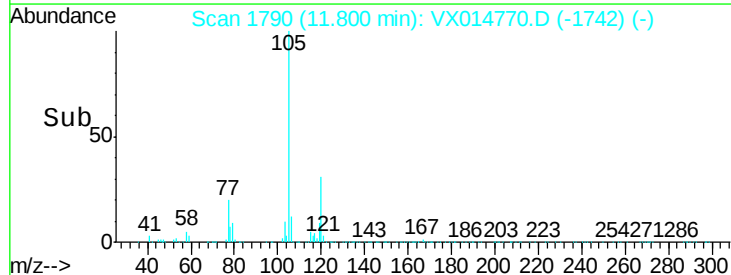
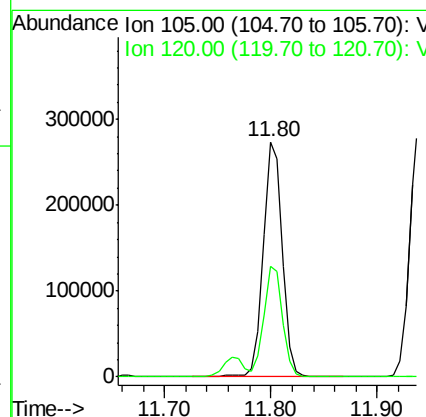
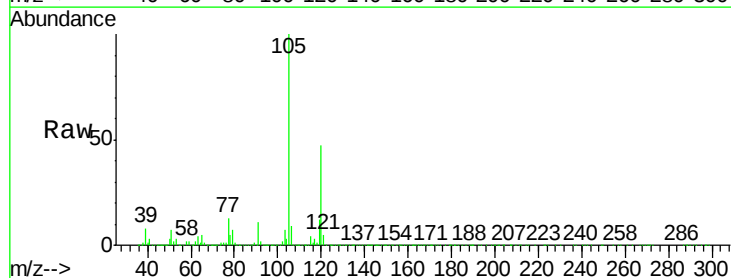
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#84
1,2,4-Trimethylbenzene
Concen: 20.448 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	342841		
120	46.0	23.4	70.0	





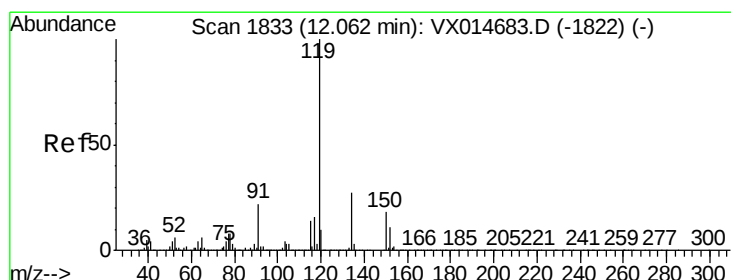
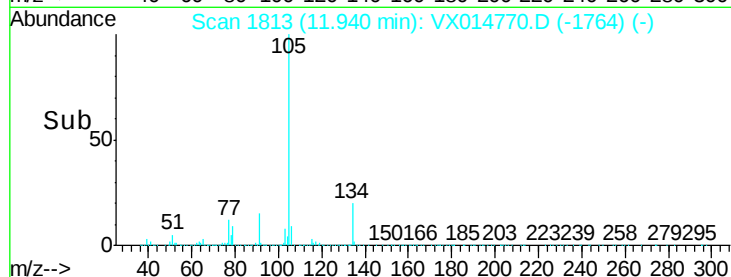
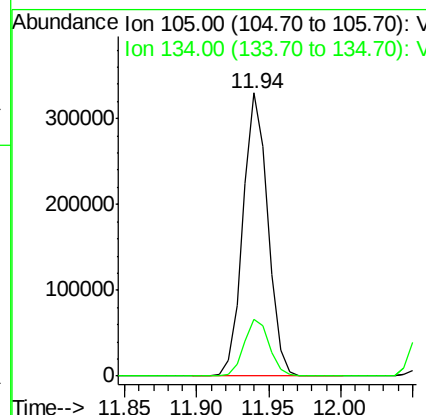
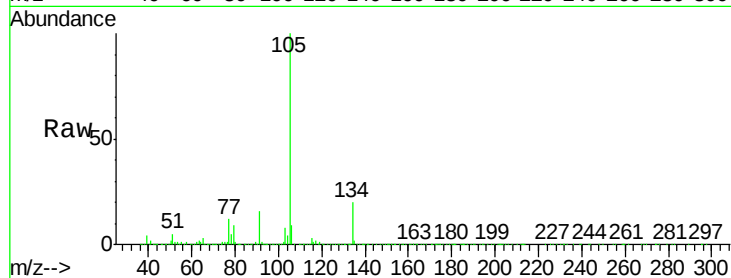
#85
 sec-Butylbenzene
 Concen: 20.515 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0130WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.3	30.8

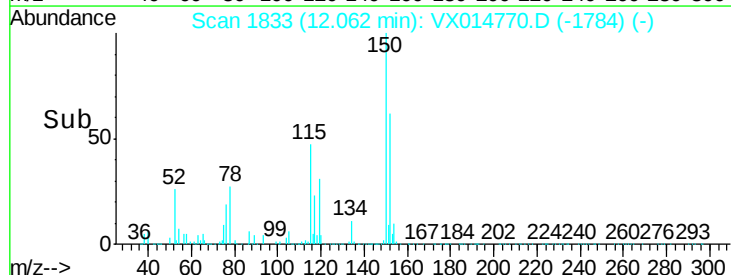
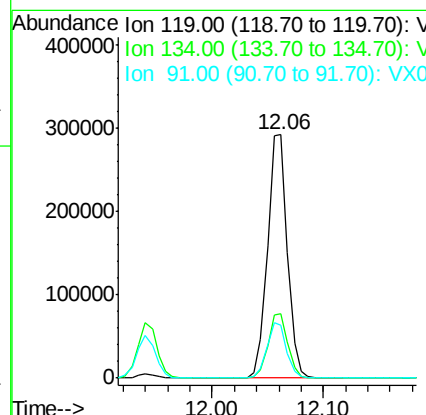
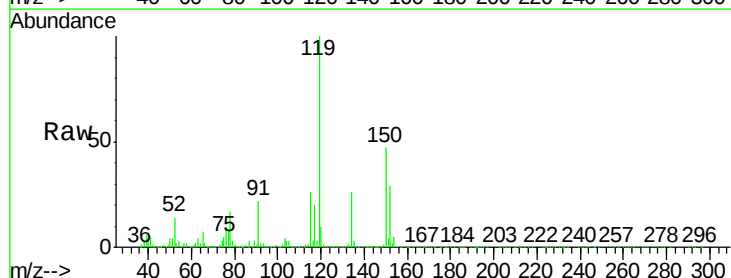
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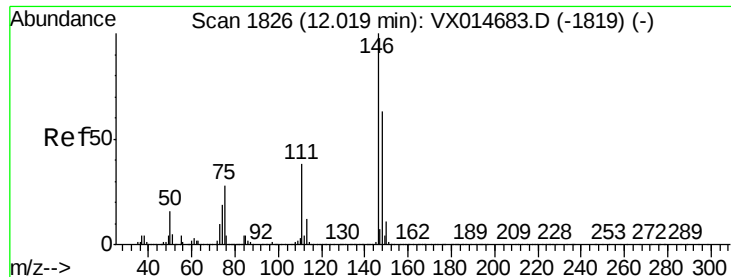
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#86
 p-Isopropyltoluene
 Concen: 20.551 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.5	40.4
91	22.2	11.3	33.8





#87

1,3-Dichlorobenzene

Concen: 19.523 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014770.D

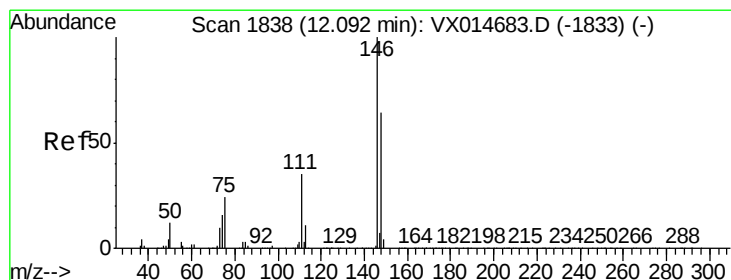
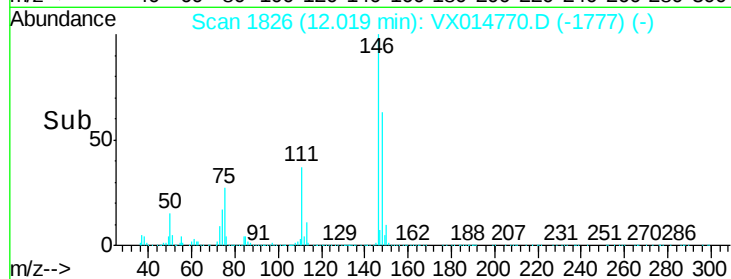
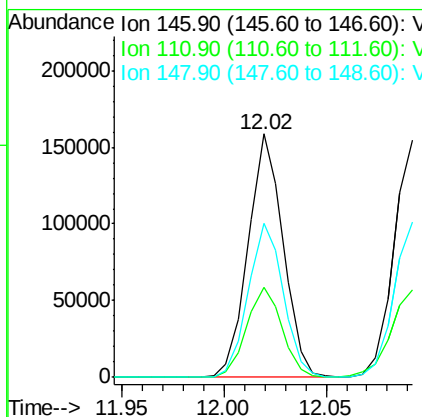
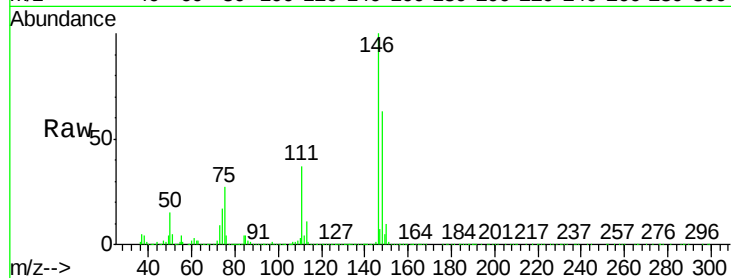
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	19.0	57.0
148	63.8	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 19.266 ug/l

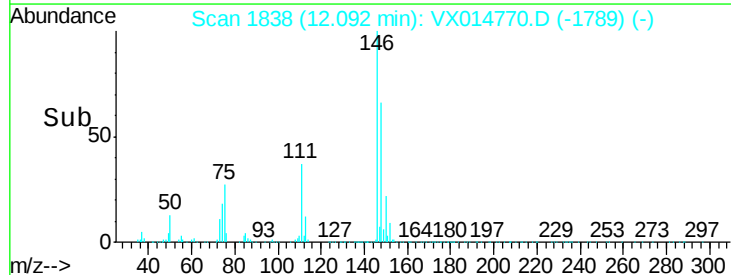
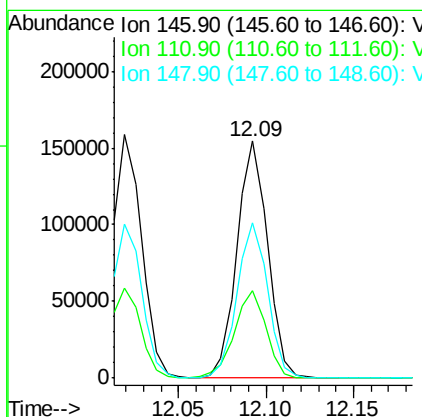
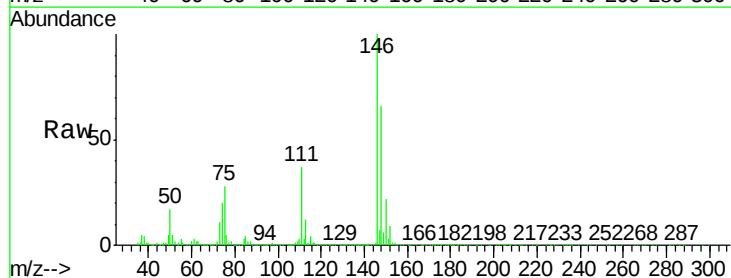
RT: 12.09 min Scan# 1838

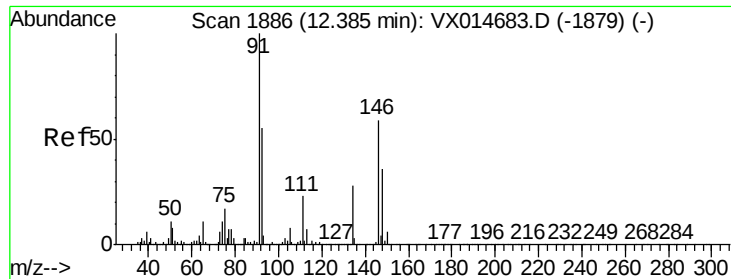
Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.6	55.8
148	65.8	32.0	96.2





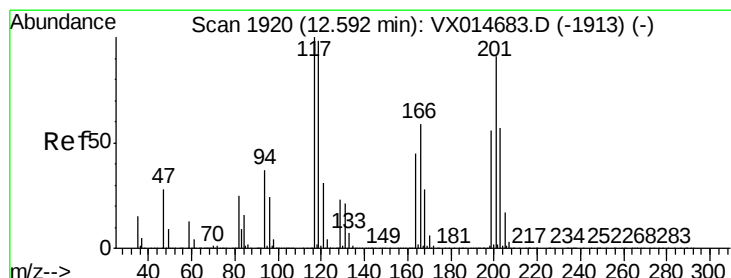
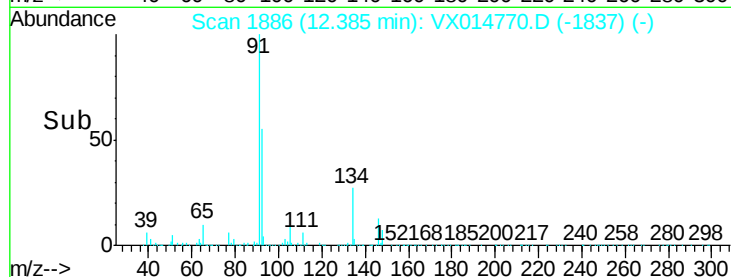
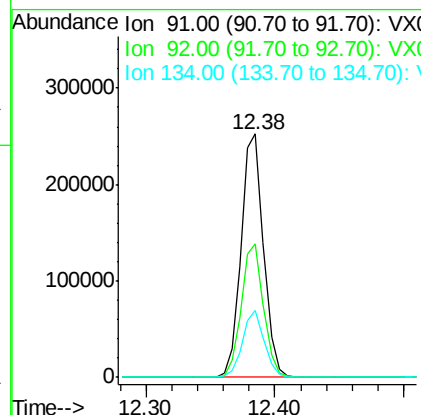
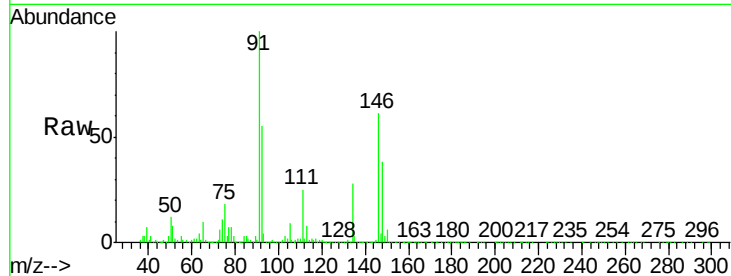
#89
n-Butylbenzene
Concen: 19.618 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0130WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.6	82.7
134	26.5	13.3	39.8

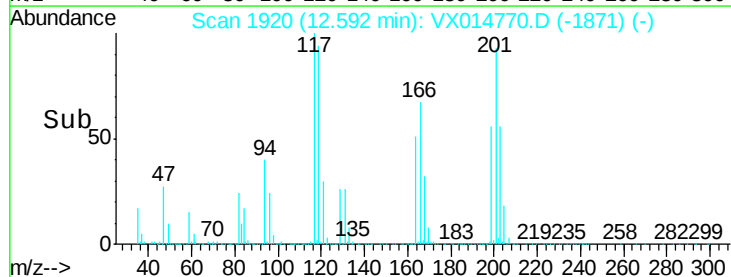
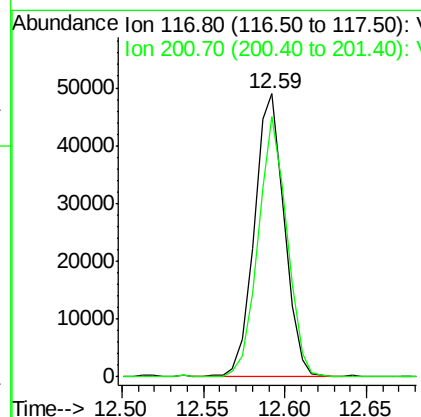
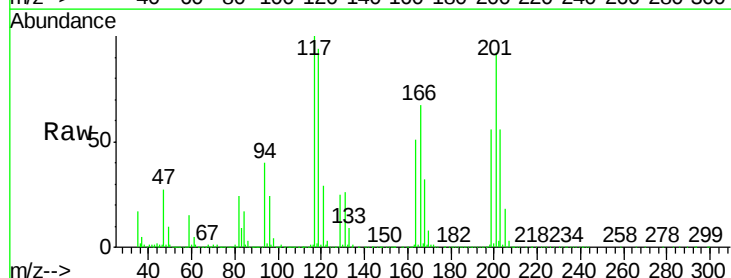
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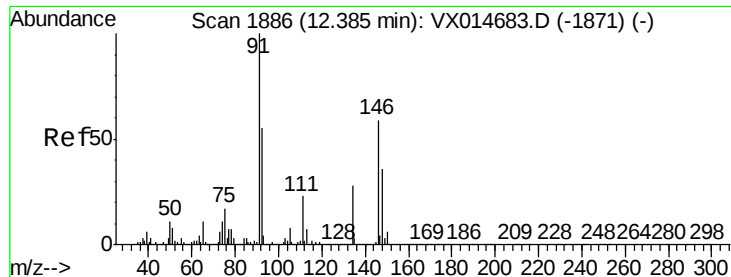
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#90
Hexachloroethane
Concen: 18.943 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014770.D
Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.3	44.4	133.1





#91

1,2-Dichlorobenzene

Concen: 19.742 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

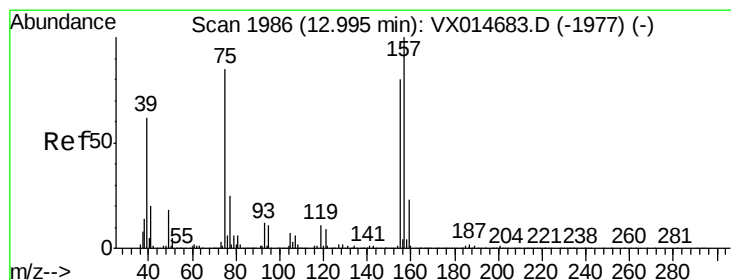
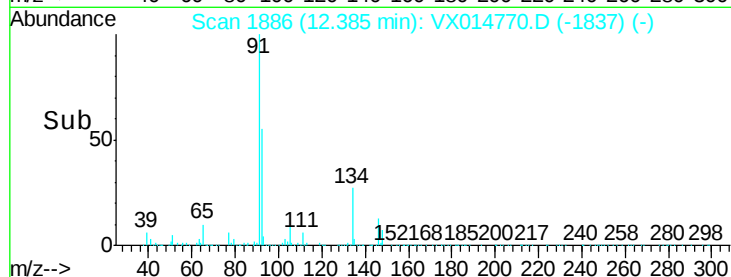
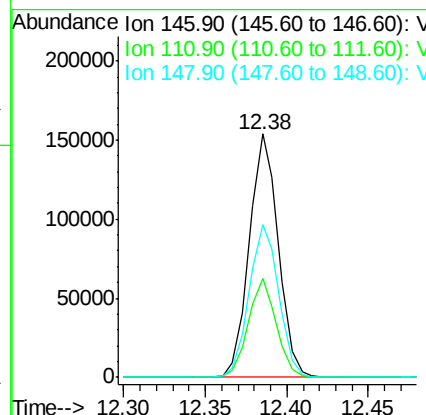
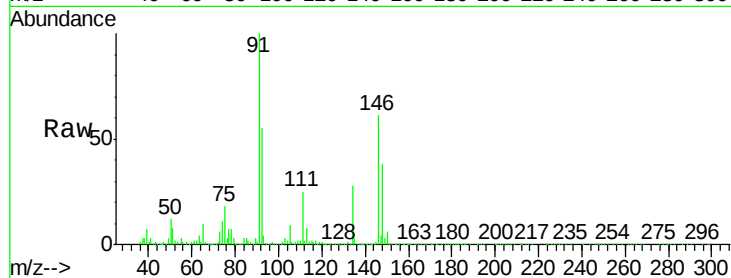
ClientSampled :

VX0130WBS01

Tot Ion:	146	Resp:	190662
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.6	58.8
148	64.4	31.9	95.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.653 ug/l

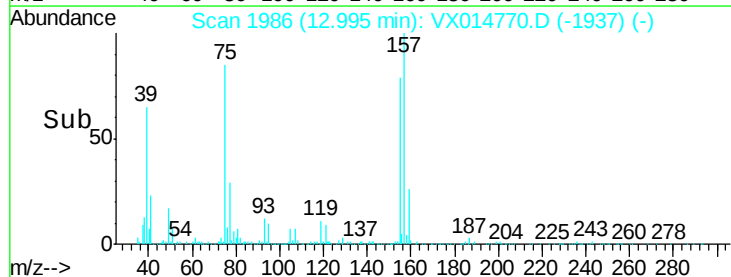
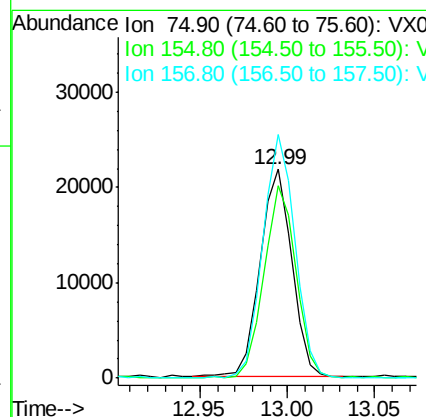
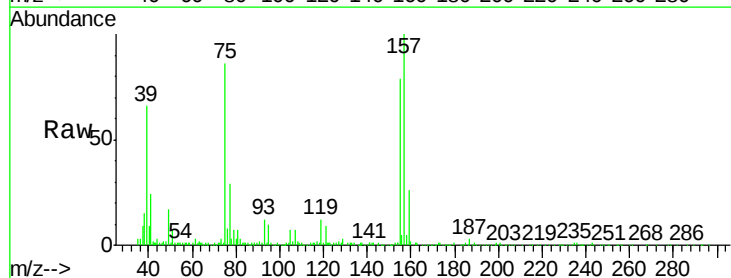
RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Tgt Ion:	75	Resp:	27274
Ion Ratio	Lower	Upper	
75	100		
155	94.9	45.6	136.9
157	120.2	60.3	180.9





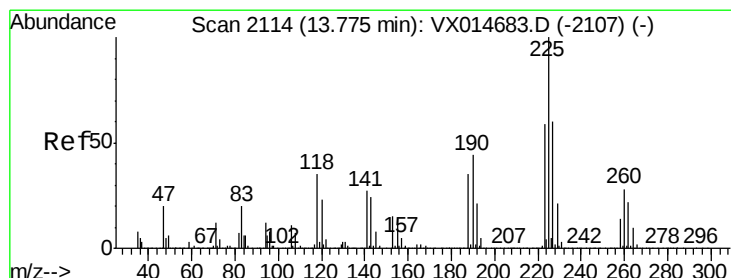
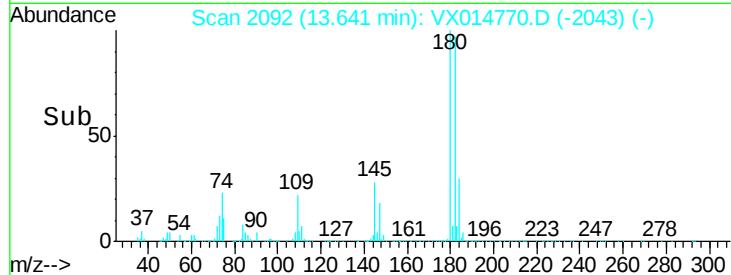
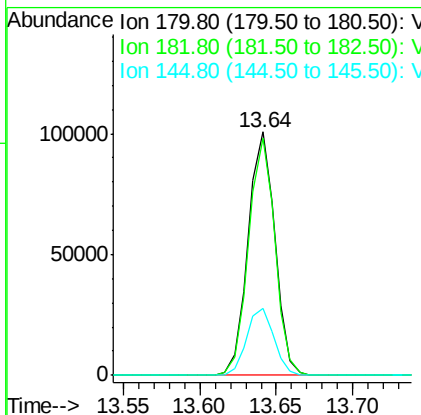
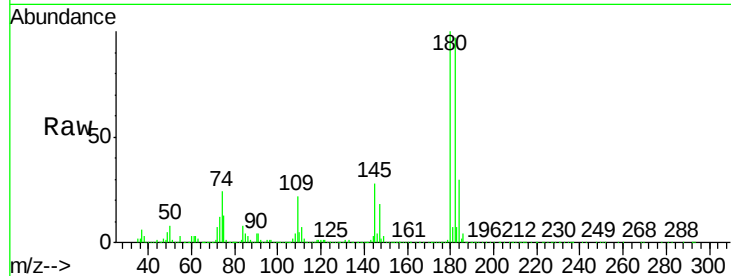
#93
 1,2,4-Trichlorobenzene
 Concen: 19.688 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Instrument :
 MSVOA_X
 ClientSampled :
 VX0130WBS01

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

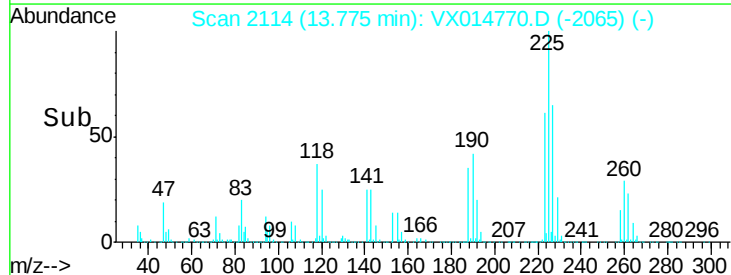
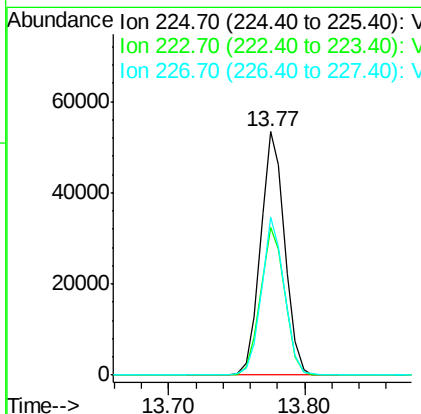
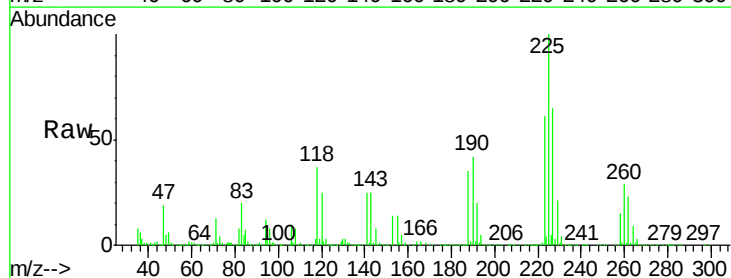
Manual Integrations
 APPROVED

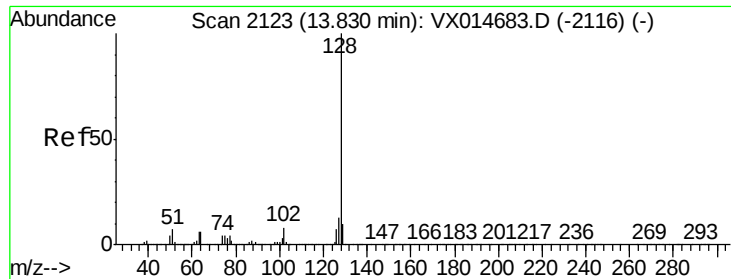
MMDadoda
 1/31/2020 10:52:10 AM



#94
 Hexachlorobutadiene
 Concen: 20.802 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014770.D
 Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	60.9	30.6	91.8
227	61.4	31.4	94.0





#95

Naphthalene

Concen: 18.211 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Instrument :

MSVOA_X

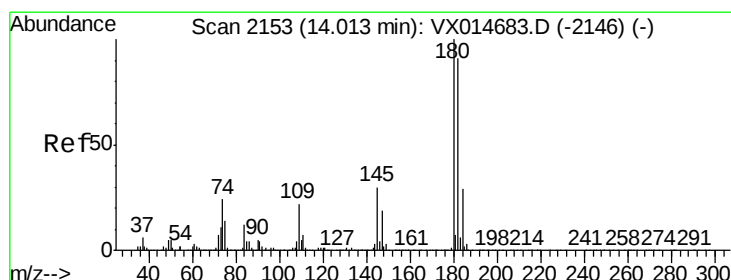
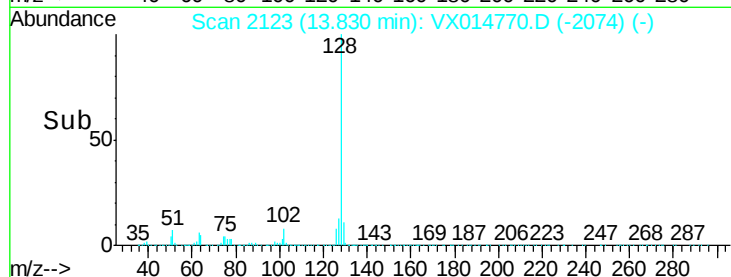
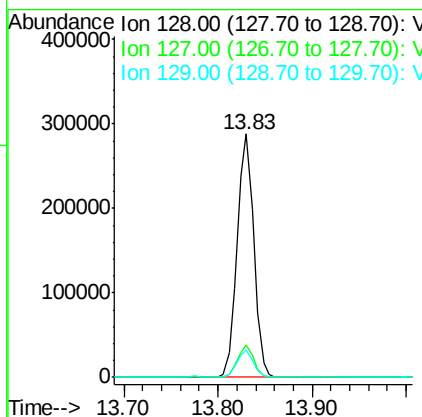
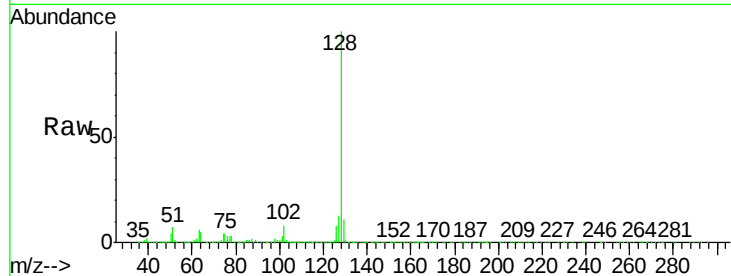
ClientSampleId :

VX0130WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	353531		
127	13.0		10.3	15.5
129	10.8		8.6	12.8

Manual Integrations
APPROVED

MMDadoda
1/31/2020 10:52:10 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.202 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014770.D

Acq: 30 Jan 2020 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	127191		
182	97.2		46.6	139.7
145	29.7		14.7	44.1

