

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012820\
 Data File : VX014742.D
 Acq On : 28 Jan 2020 11:21
 Operator : JC/SP
 Sample : VX0128WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/29/2020 10:55:41 AM

Quant Time: Jan 28 23:43:04 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	447958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	661871	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	600318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	305142	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	253728	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
35) Dibromofluoromethane	5.48	113	206340	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	8.71	98	803007	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.13	95	280209	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	111109	18.814	ug/l	99
3) Chloromethane	1.32	50	109201	18.020	ug/l	98
4) Vinyl Chloride	1.40	62	124306	18.971	ug/l	98
5) Bromomethane	1.63	94	71826	16.139	ug/l	99
6) Chloroethane	1.72	64	74585	19.039	ug/l	98
7) Trichlorofluoromethane	1.92	101	142340	18.657	ug/l	98
8) Diethyl Ether	2.18	74	60308	18.110	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	85282	19.041	ug/l	98
10) Methyl Iodide	2.50	142	100970	17.181	ug/l	99
11) Tert butyl alcohol	3.02	59	97337	82.880	ug/l	99
12) 1,1-Dichloroethene	2.37	96	80644	18.110	ug/l	99
13) Acrolein	2.28	56	62196	67.165	ug/l	99
14) Allyl chloride	2.72	41	142879	17.851	ug/l	98
15) Acrylonitrile	3.12	53	239199	88.026	ug/l	99
16) Acetone	2.43	43	232429	81.172	ug/l	99
17) Carbon Disulfide	2.56	76	208966	17.169	ug/l	99
18) Methyl Acetate	2.76	43	145961	17.836	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	266926	18.300	ug/l	98
20) Methylene Chloride	2.84	84	94077	17.733	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	86273	17.595	ug/l	96
22) Diisopropyl ether	3.84	45	299416	18.802	ug/l	93
23) Vinyl Acetate	3.80	43	1128750	92.983	ug/l	99
24) 1,1-Dichloroethane	3.69	63	159603	18.455	ug/l	98
25) 2-Butanone	4.65	43	341042	83.026	ug/l	97
26) 2,2-Dichloropropane	4.57	77	128170	18.516	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	98680	17.982	ug/l	99
28) Bromochloromethane	5.00	49	73716	19.397	ug/l	95
29) Tetrahydrofuran	5.11	42	210646	86.402	ug/l	99
30) Chloroform	5.20	83	155071	18.101	ug/l	96
31) Cyclohexane	5.57	56	149056	18.325	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	131513	18.161	ug/l	99
36) 1,1-Dichloropropene	5.79	75	117395	19.088	ug/l	99
37) Ethyl Acetate	4.81	43	132279	18.779	ug/l	99
38) Carbon Tetrachloride	5.77	117	113264	19.284	ug/l	98

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MMDadoda
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Quant Time: Jan 28 23:43:04 2020
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	146476	19.011	ug/l	94
40) Benzene	6.13	78	359896	18.939	ug/l	98
41) Methacrylonitrile	5.03	41	72460	17.867	ug/l	99
42) 1,2-Dichloroethane	6.18	62	128405	19.568	ug/l	100
43) Isopropyl Acetate	6.43	43	206254	17.881	ug/l	99
44) Trichloroethene	7.20	130	99004	18.445	ug/l	96
45) 1,2-Dichloropropane	7.50	63	93778	19.156	ug/l	98
46) Dibromomethane	7.65	93	59860	18.880	ug/l	97
47) Bromodichloromethane	7.89	83	116778	18.779	ug/l	99
48) Methyl methacrylate	7.76	41	102460	18.591	ug/l	99
49) 1,4-Dioxane	7.73	88	44011	376.725	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	665491	91.412	ug/l	99
52) Toluene	8.78	92	227185	19.449	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	126253	18.855	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	141048	19.148	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	92145	19.267	ug/l	97
56) Ethyl methacrylate	9.17	69	136688	18.042	ug/l	99
57) 1,3-Dichloropropane	9.36	76	157092	19.215	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	231134	96.100	ug/l	100
59) 2-Hexanone	9.48	43	505667	89.510	ug/l	99
60) Dibromochloromethane	9.57	129	92604	18.551	ug/l	98
61) 1,2-Dibromoethane	9.67	107	96323	19.049	ug/l	100
64) Tetrachloroethene	9.33	164	104538	17.592	ug/l	96
65) Chlorobenzene	10.14	112	243245	18.944	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	89407	18.885	ug/l	99
67) Ethyl Benzene	10.25	91	426058	19.433	ug/l	100
68) m/p-Xylenes	10.36	106	322551	38.833	ug/l	98
69) o-Xylene	10.70	106	154653	19.286	ug/l	98
70) Styrene	10.71	104	264138	19.637	ug/l	99
71) Bromoform	10.85	173	68578	18.215	ug/l #	99
73) Isopropylbenzene	11.01	105	408210	19.026	ug/l	99
74) N-amyl acetate	10.89	43	172813	18.380	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	137728	17.979	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	114316m	16.102	ug/l	
77) Bromobenzene	11.25	156	109161	18.938	ug/l	98
78) n-propylbenzene	11.35	91	478763	19.658	ug/l	99
79) 2-Chlorotoluene	11.42	91	283384	19.231	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	347794	19.531	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41127	16.486	ug/l	94
82) 4-Chlorotoluene	11.51	91	327487	19.521	ug/l	99
83) tert-Butylbenzene	11.76	119	326823	19.531	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	350420	19.619	ug/l	99
85) sec-Butylbenzene	11.94	105	406924	19.851	ug/l	100
86) p-Isopropyltoluene	12.06	119	372141	19.644	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	193437	18.674	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	193369	18.635	ug/l	99
89) n-Butylbenzene	12.39	91	314293	19.049	ug/l	99
90) Hexachloroethane	12.59	117	64543	18.342	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	190887	18.554	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28490	17.310	ug/l	99

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QLast Update : Wed Jan 22 12:35:15 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	124923	18.833	ug/l	98
94) Hexachlorobutadiene	13.78	225	67469	19.762	ug/l	98
95) Naphthalene	13.83	128	359047	17.405	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	127440	19.001	ug/l	98

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

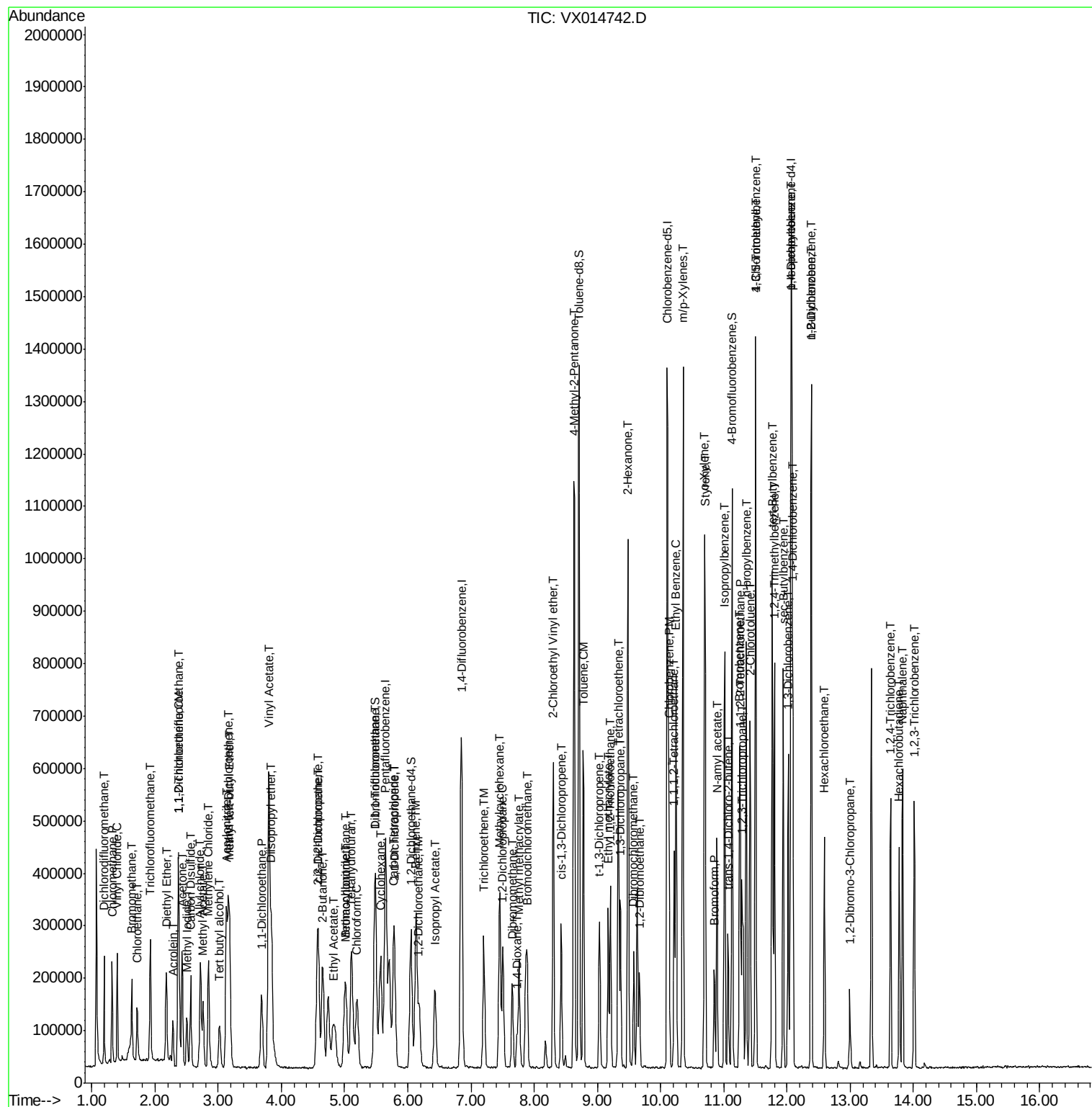
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Data File : VX014742.D
Acq On : 28 Jan 2020 11:21
Operator : JC/SP
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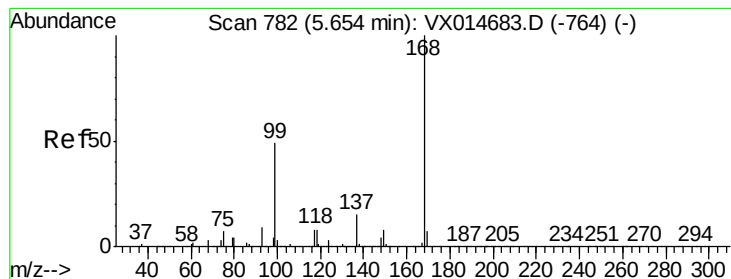
Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Manual Integrations
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MMDadoda
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion:168 Resp: 447958

Ion Ratio Lower Upper

168 100

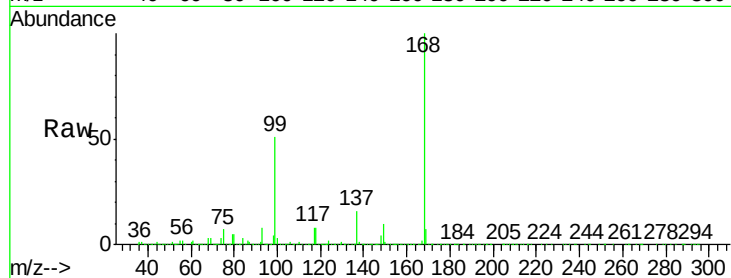
99 51.4 39.8 59.6

Manual Integrations

APPROVED

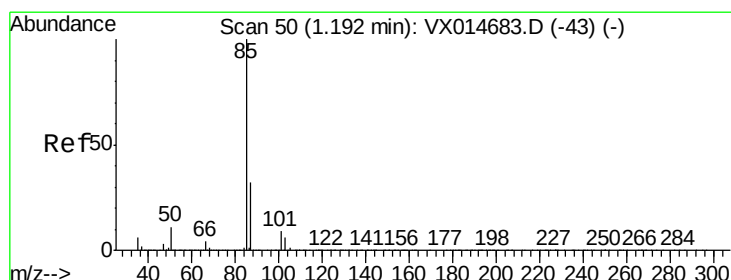
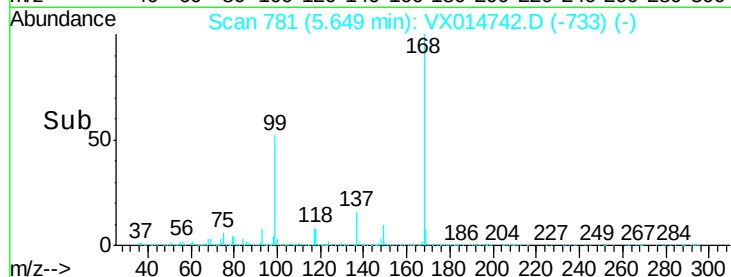
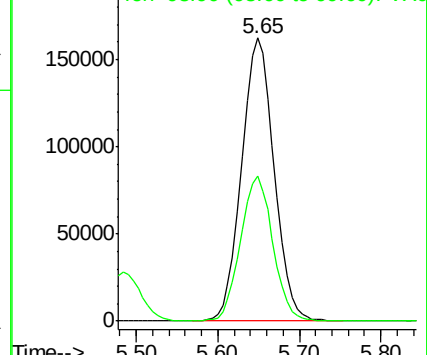
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.814 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014742.D

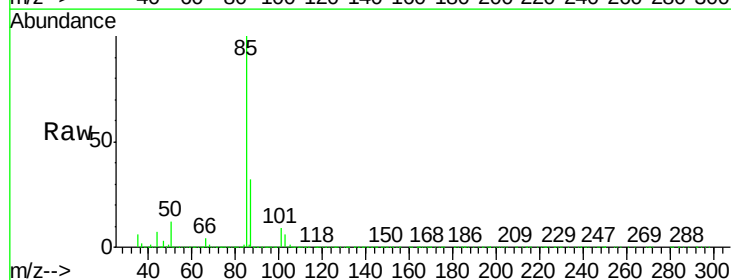
Acq: 28 Jan 2020 11:21

Tgt Ion: 85 Resp: 111109

Ion Ratio Lower Upper

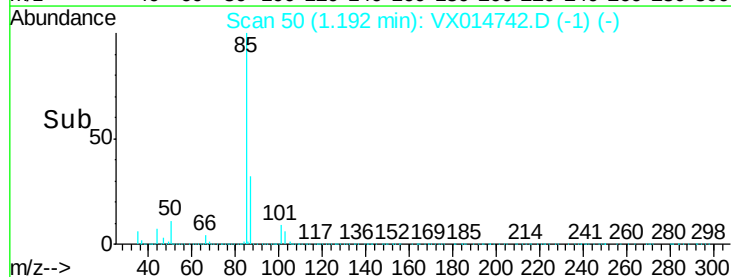
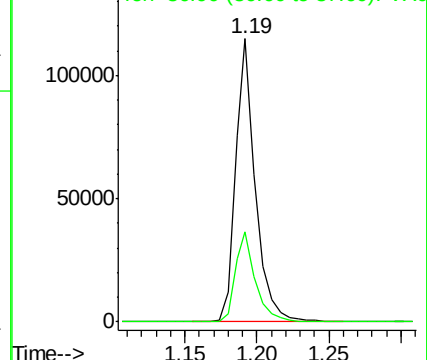
85 100

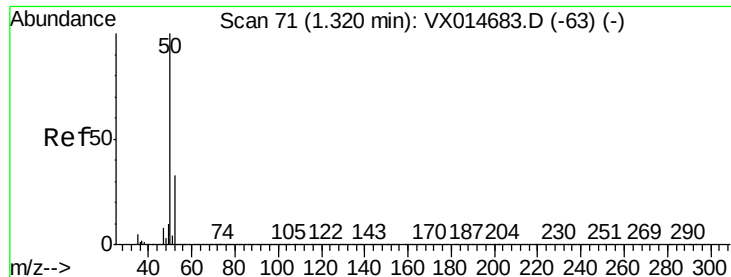
87 31.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.020 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion: 50 Resp: 109201

Ion Ratio Lower Upper

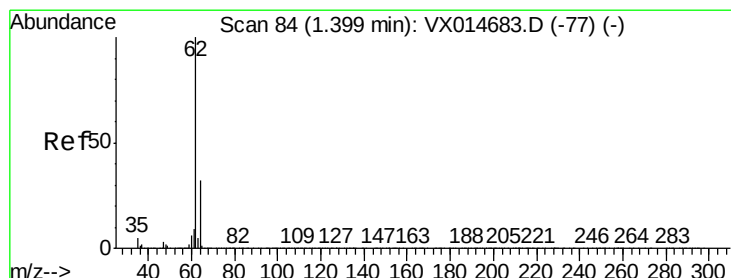
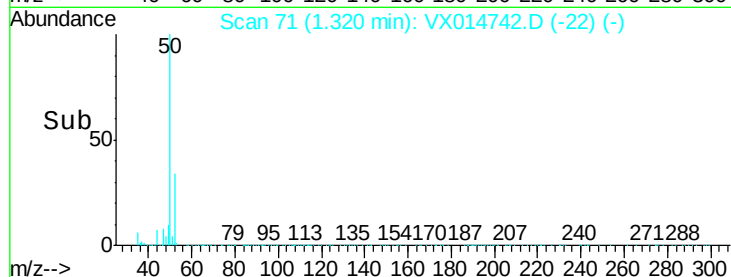
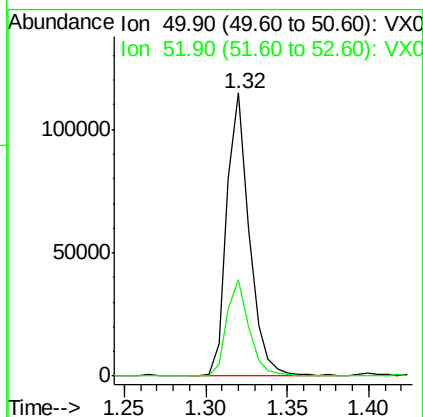
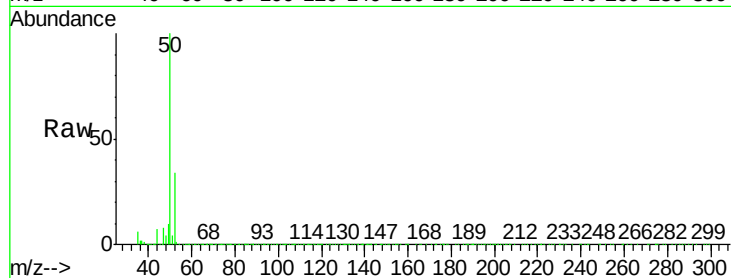
50 100

52 33.9 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.971 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014742.D

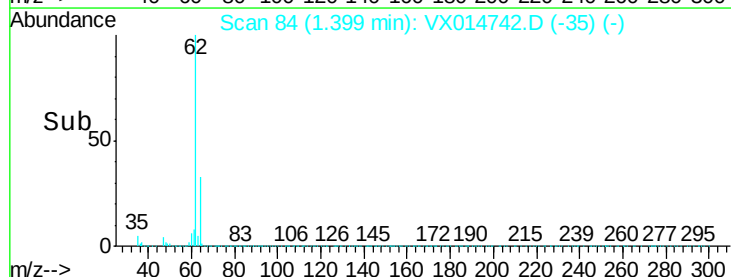
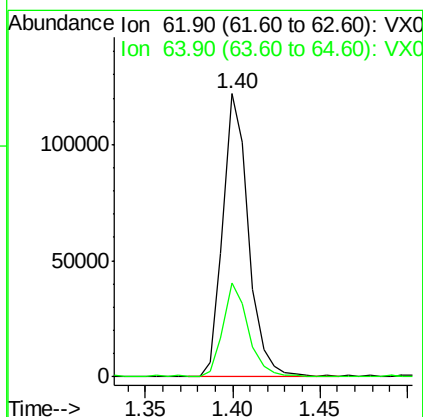
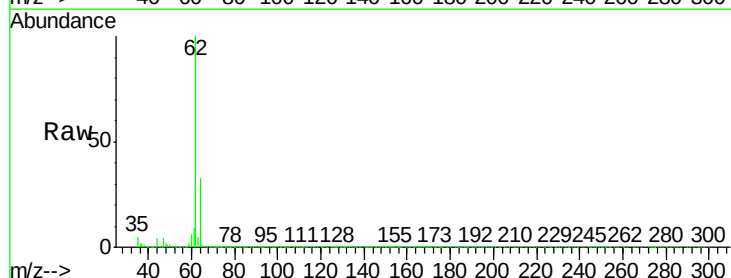
Acq: 28 Jan 2020 11:21

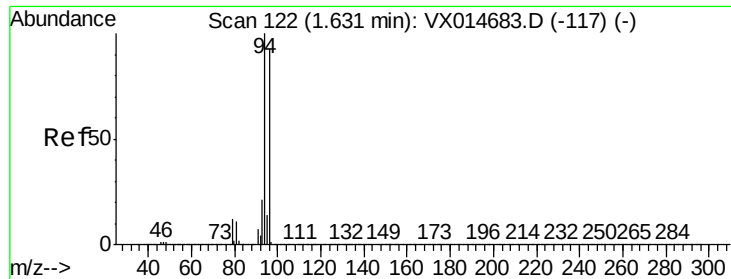
Tgt Ion: 62 Resp: 124306

Ion Ratio Lower Upper

62 100

64 33.0 25.4 38.2





#5

Bromomethane

Concen: 16.139 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion: 94 Resp: 71826

Ion Ratio Lower Upper

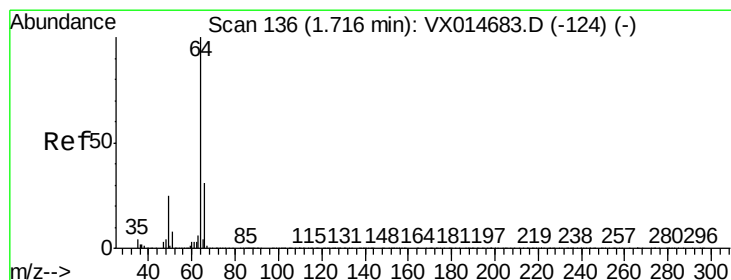
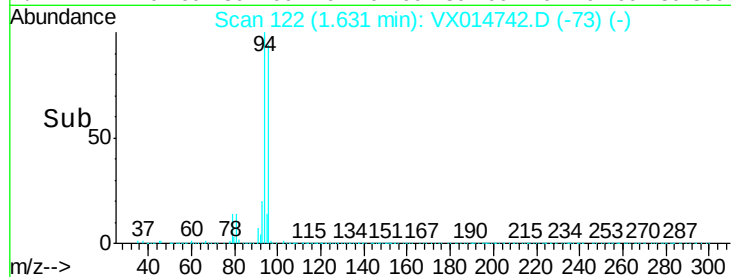
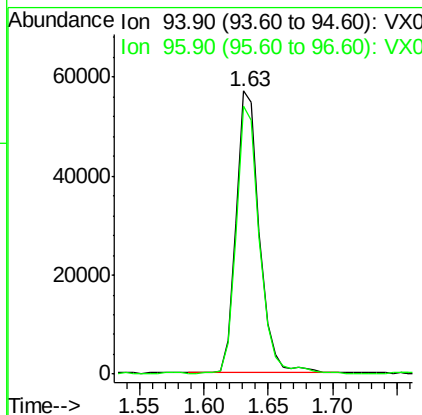
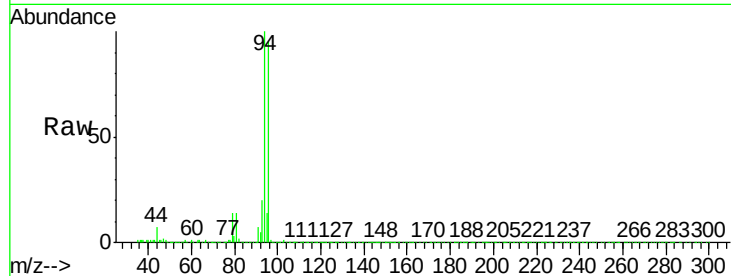
94 100

96 94.4 74.7 112.1

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#6

Chloroethane

Concen: 19.039 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014742.D

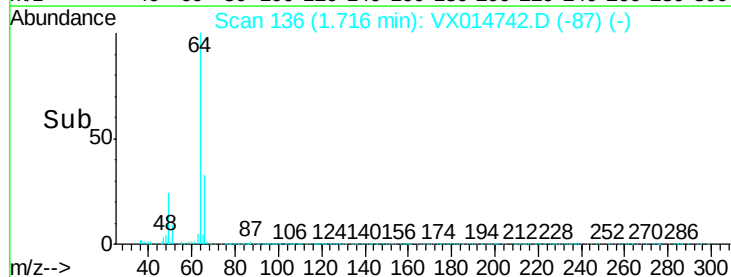
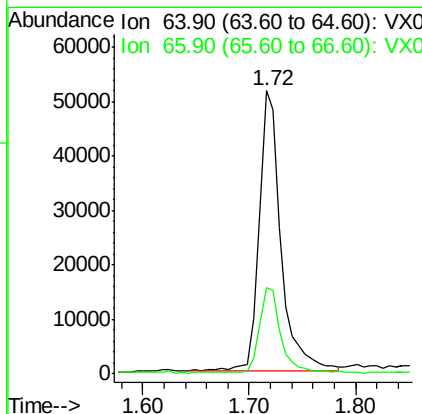
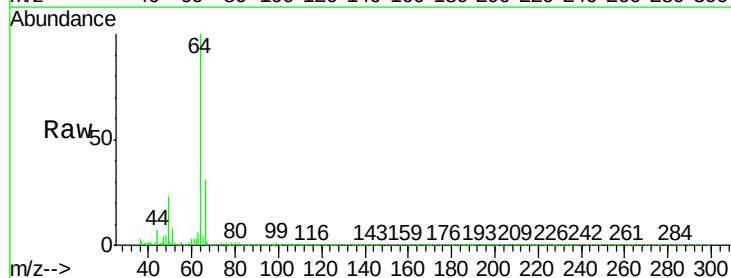
Acq: 28 Jan 2020 11:21

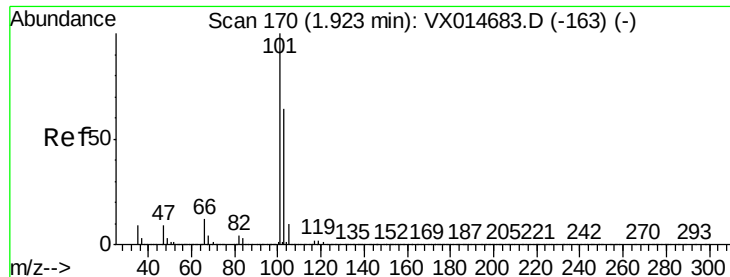
Tgt Ion: 64 Resp: 74585

Ion Ratio Lower Upper

64 100

66 30.6 25.2 37.8





#7

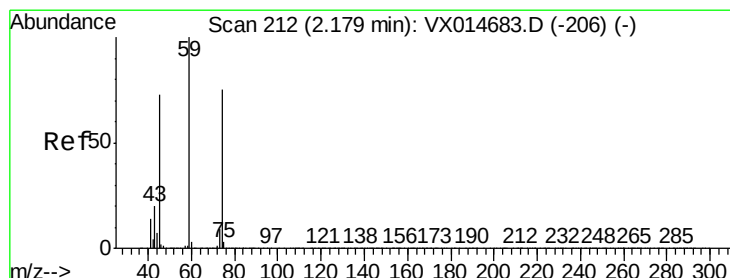
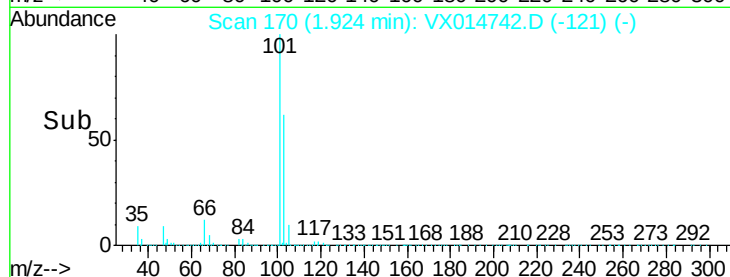
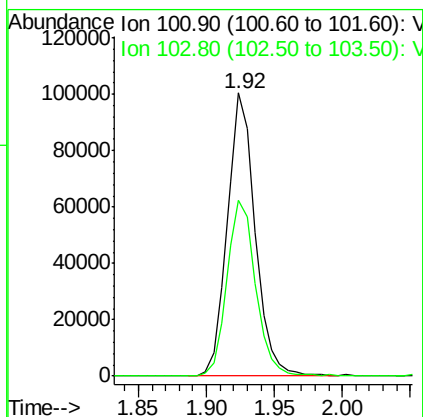
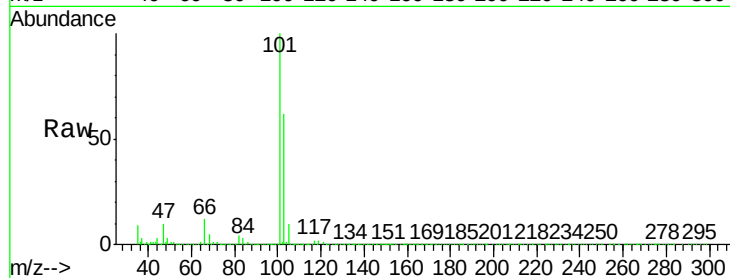
Trichlorofluoromethane
Concen: 18.657 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Instrument :
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ClientSampleId :
VX0128WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.0	51.0	76.6

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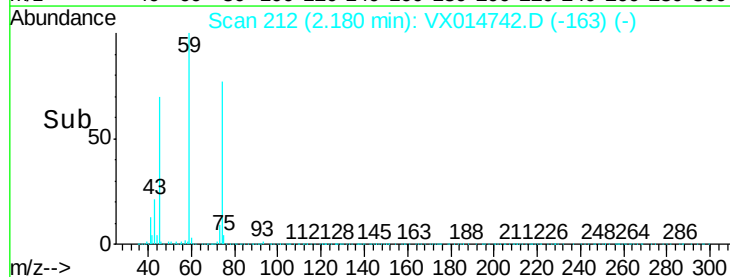
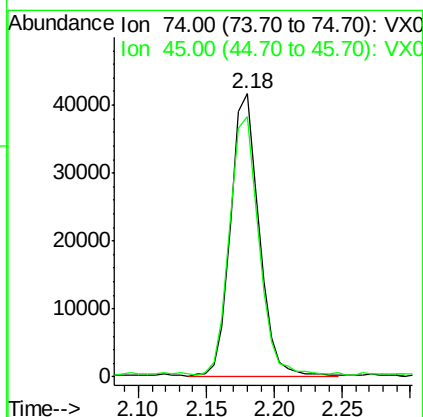
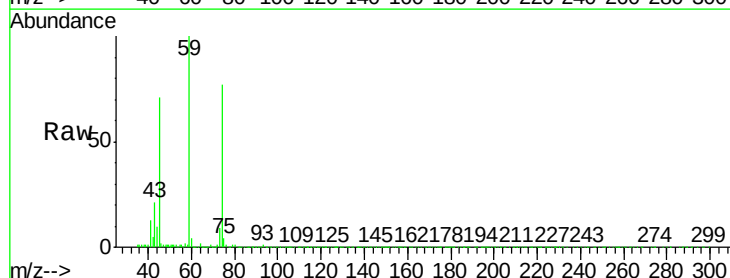
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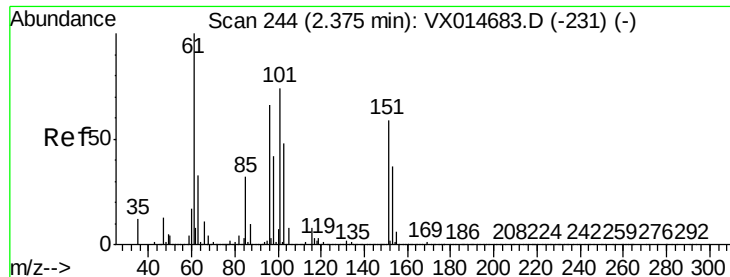


#8

Diethyl Ether
Concen: 18.110 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.0	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.041 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

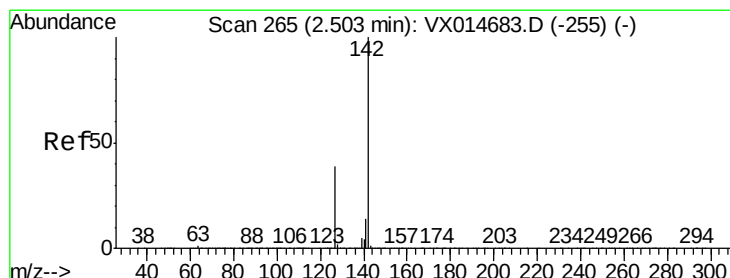
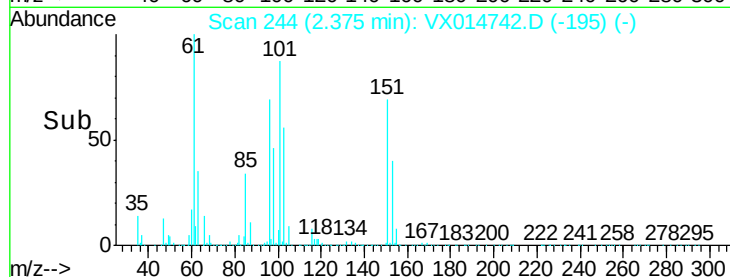
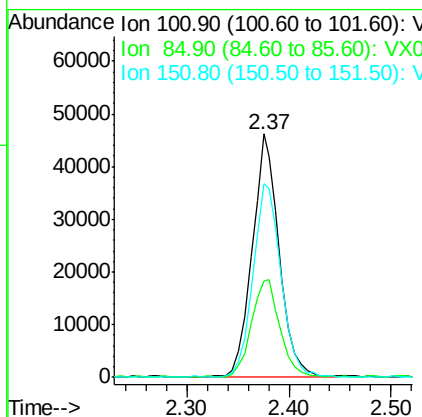
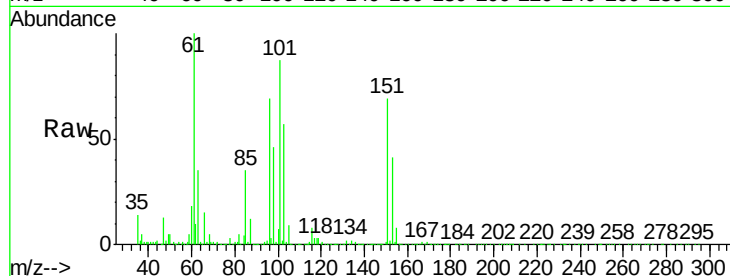
ClientSampleId :

VX0128WBS01

Tot Ion:	101	Resp:	85282
Ion Ratio	Lower	Upper	
101	100		
85	41.5	34.7	52.1
151	82.5	64.7	97.1

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#10

Methyl Iodide

Concen: 17.181 ug/l

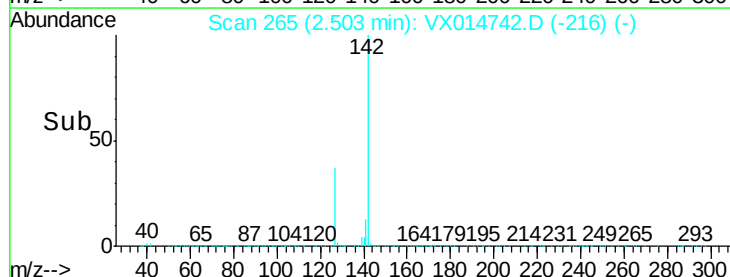
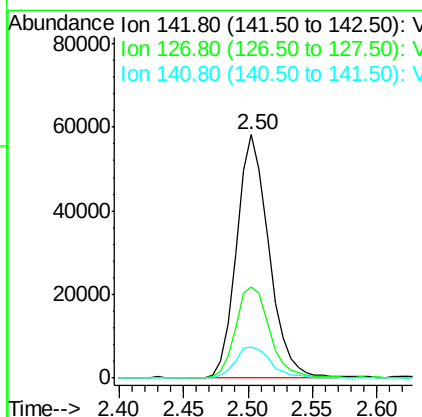
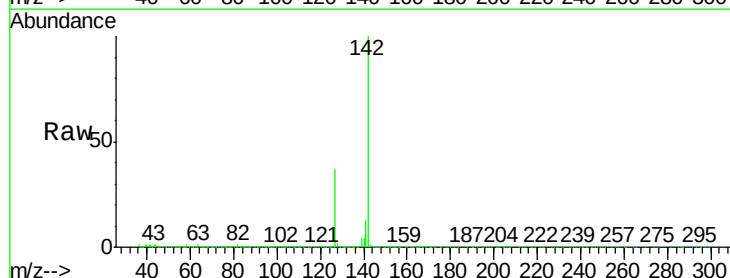
RT: 2.50 min Scan# 265

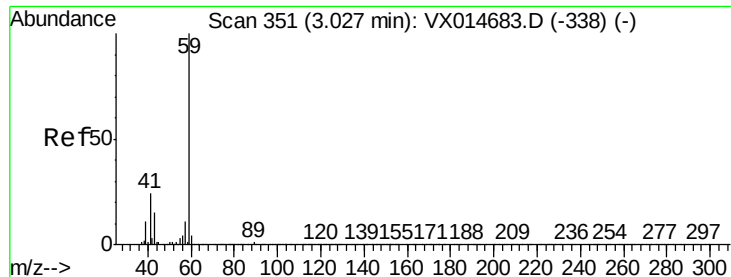
Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Tgt Ion:	142	Resp:	100970
Ion Ratio	Lower	Upper	
142	100		
127	39.5	31.1	46.7
141	14.2	11.3	16.9





#11

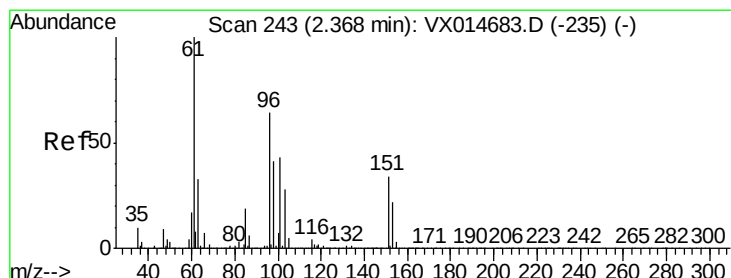
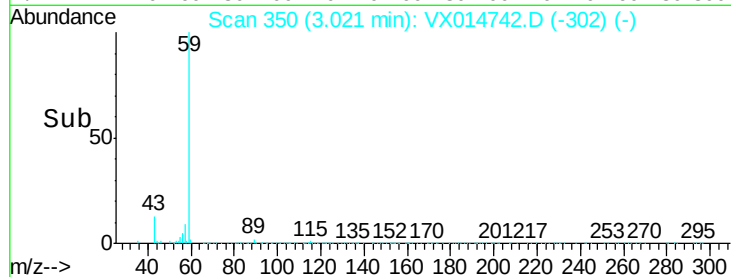
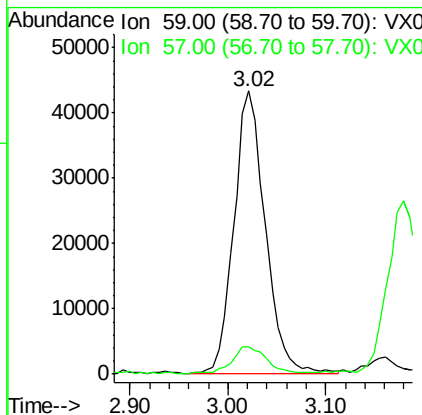
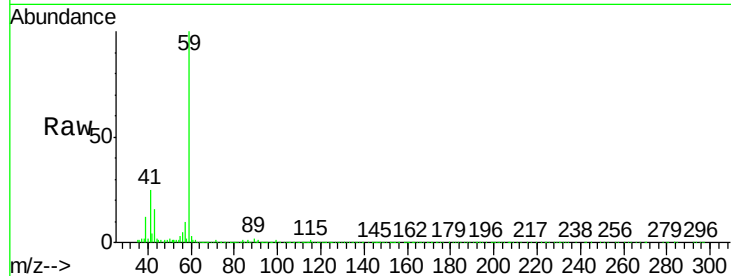
Tert butyl alcohol
Concen: 82.880 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5

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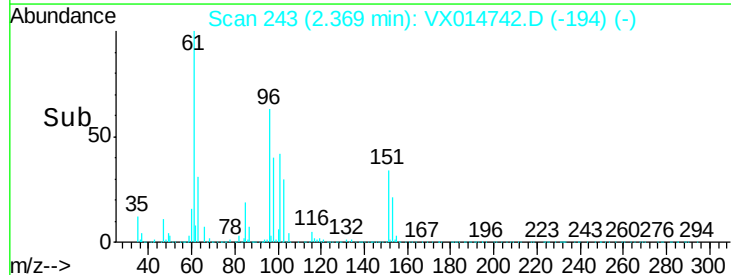
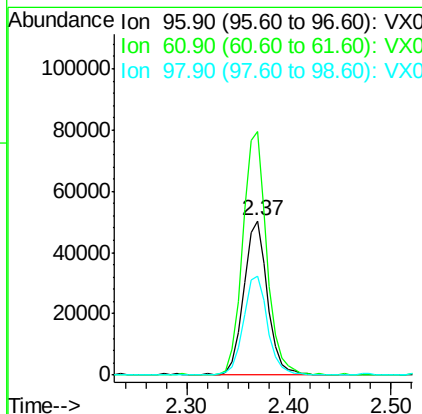
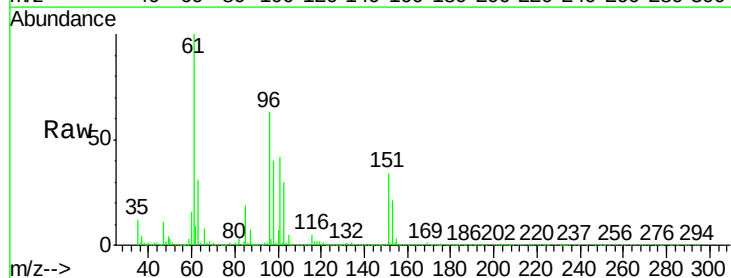
MMDadoda
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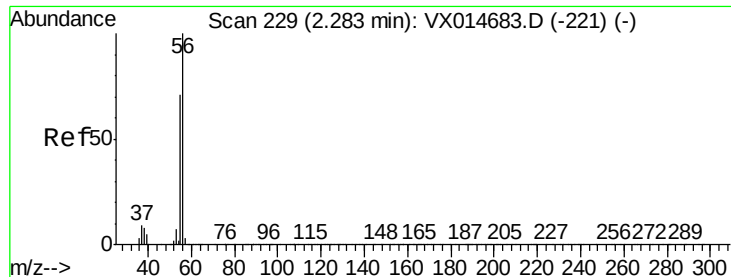


#12

1,1-Dichloroethene
Concen: 18.110 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.8	125.8	188.8
98	63.5	51.5	77.3





#13

Acrolein

Concen: 67.165 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion: 56 Resp: 62196

Ion Ratio Lower Upper

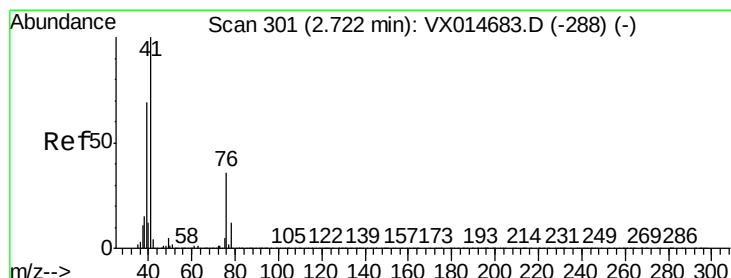
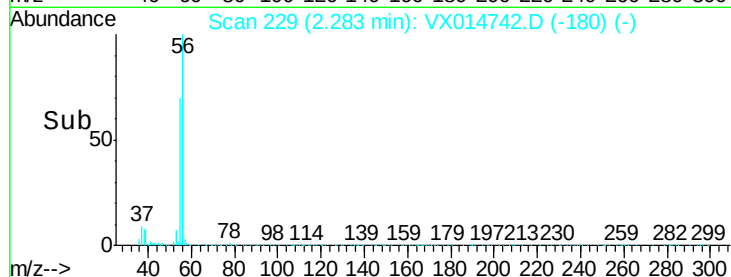
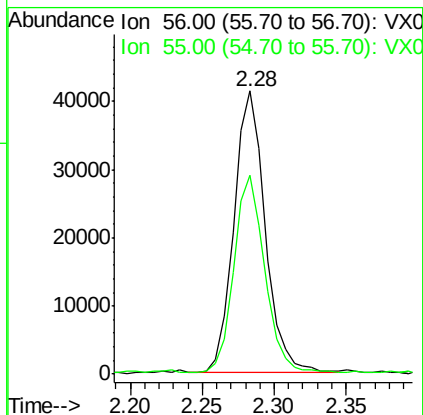
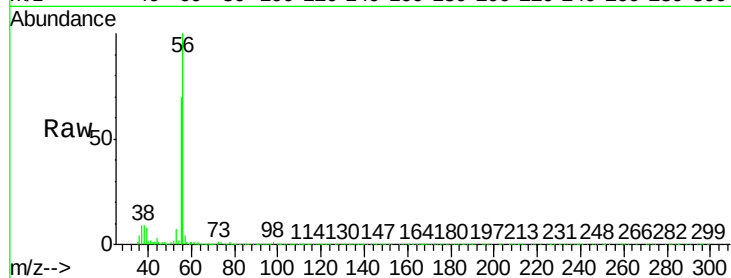
56 100

55 69.6 56.6 84.8

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#14

Allyl chloride

Concen: 17.851 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

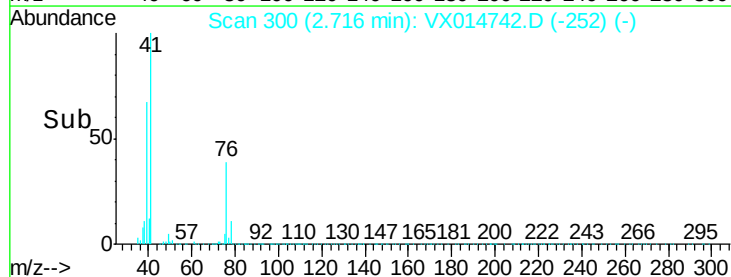
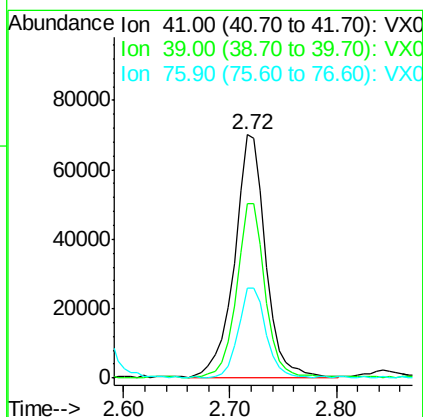
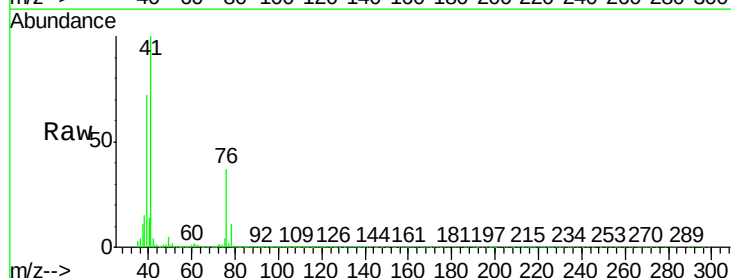
Tgt Ion: 41 Resp: 142879

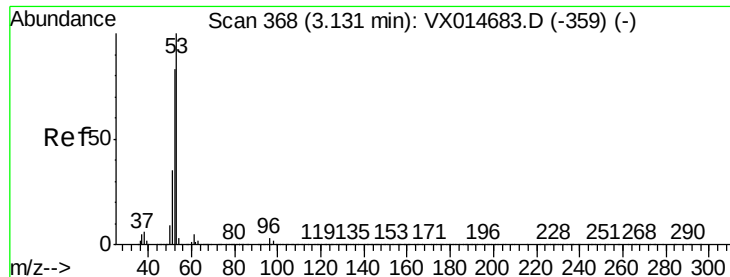
Ion Ratio Lower Upper

41 100

39 66.7 52.0 78.0

76 32.2 26.0 39.0





#15

Acrylonitrile

Concen: 88.026 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

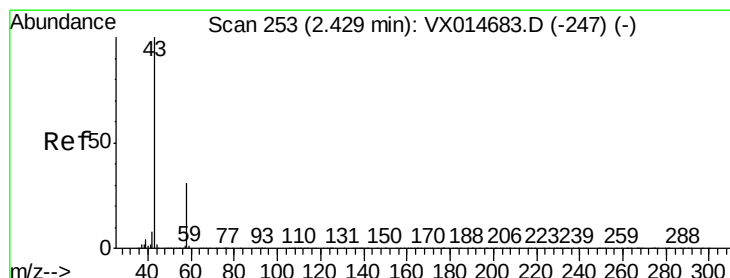
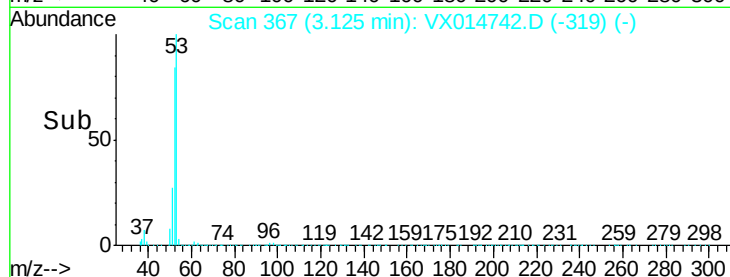
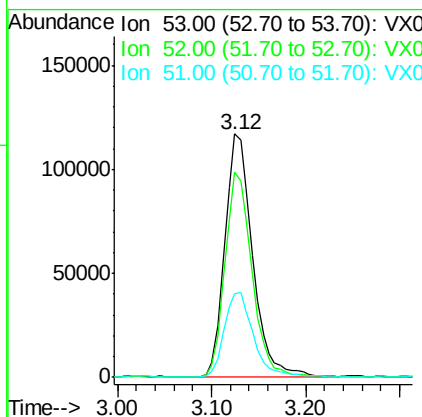
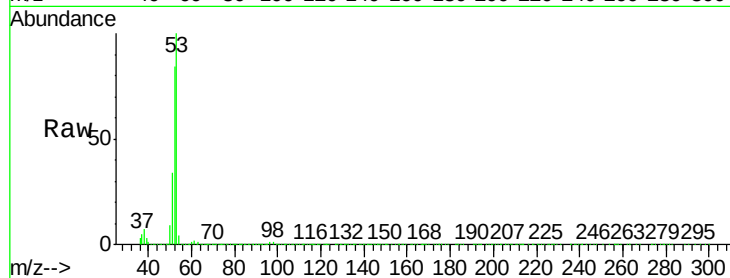
ClientSampleId :

VX0128WBS01

Tot Ion:	53	Resp:	239199
Ion Ratio		Lower	Upper
53	100		
52	82.7	66.4	99.6
51	36.5	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 81.172 ug/l

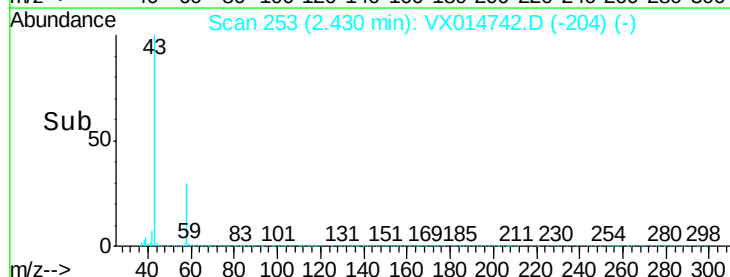
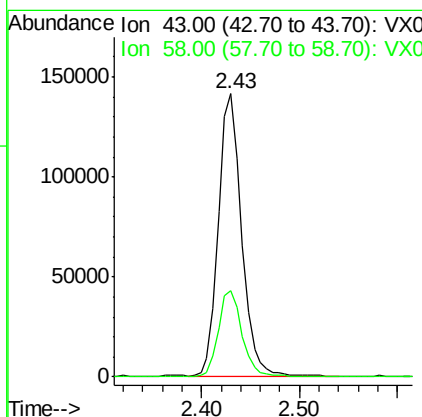
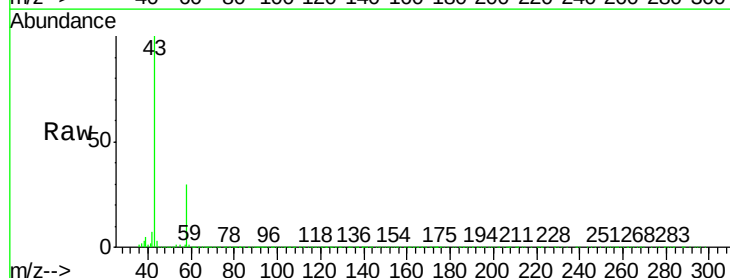
RT: 2.43 min Scan# 253

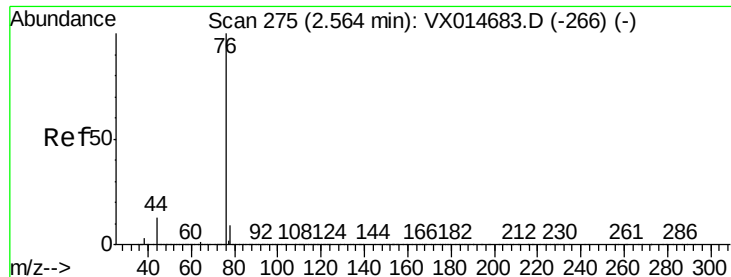
Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Tgt Ion:	43	Resp:	232429
Ion Ratio		Lower	Upper
43	100		
58	30.3	24.5	36.7





#17

Carbon Disulfide

Concen: 17.169 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion: 76 Resp: 208966

Ion Ratio Lower Upper

76 100

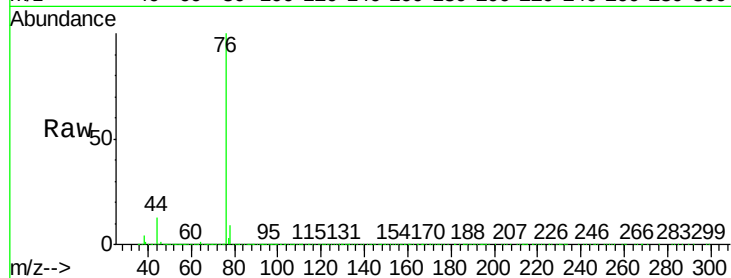
78 8.7 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

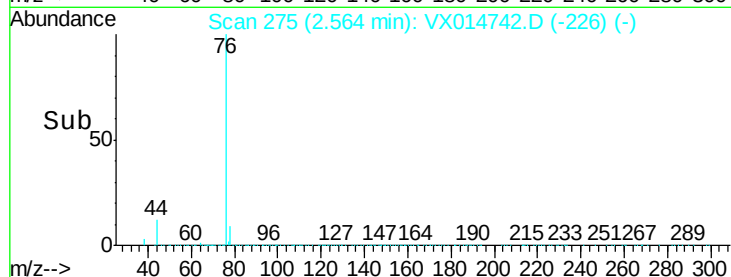
150000

100000

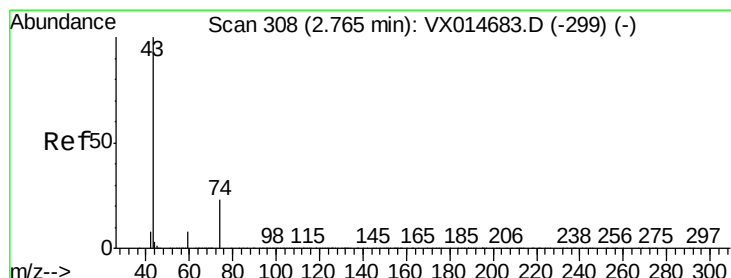
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 17.836 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014742.D

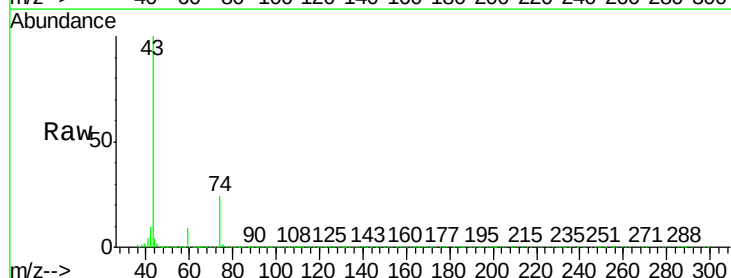
Acq: 28 Jan 2020 11:21

Tgt Ion: 43 Resp: 145961

Ion Ratio Lower Upper

43 100

74 24.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

80000

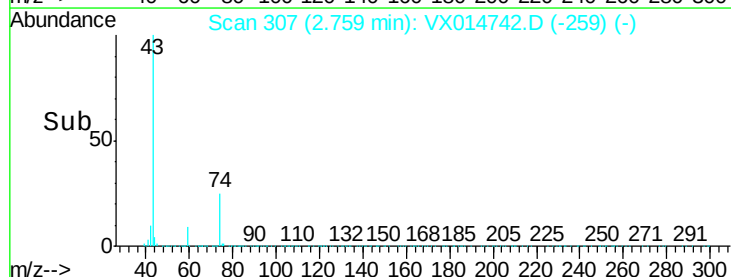
60000

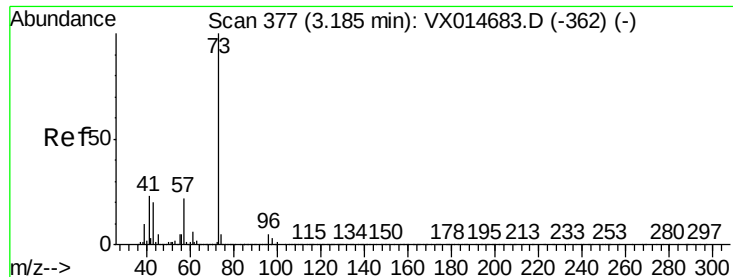
40000

20000

0

Time-->





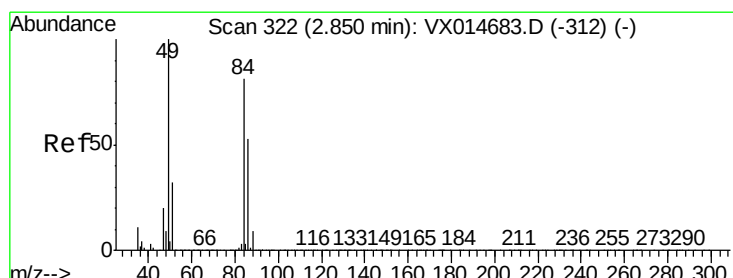
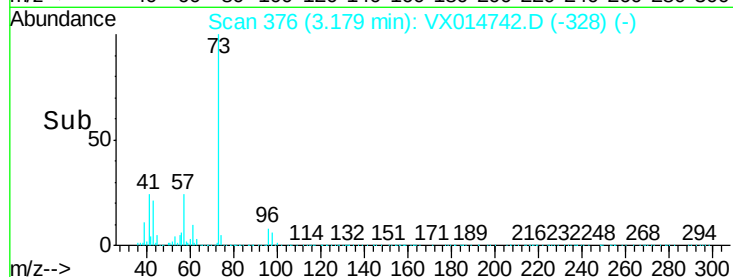
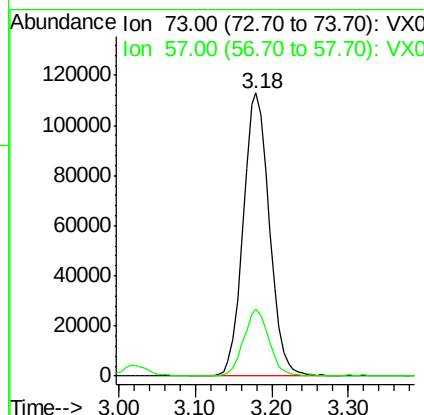
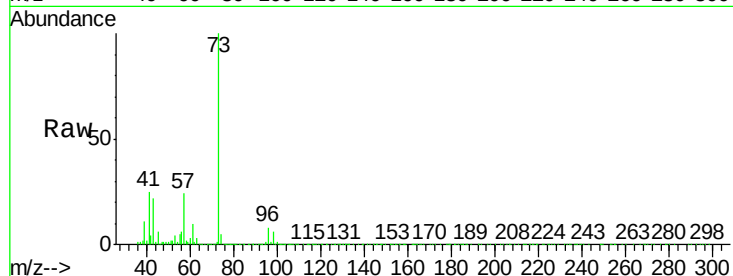
#19
Methyl tert-butyl Ether
Concen: 18.300 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.4	18.0	27.0

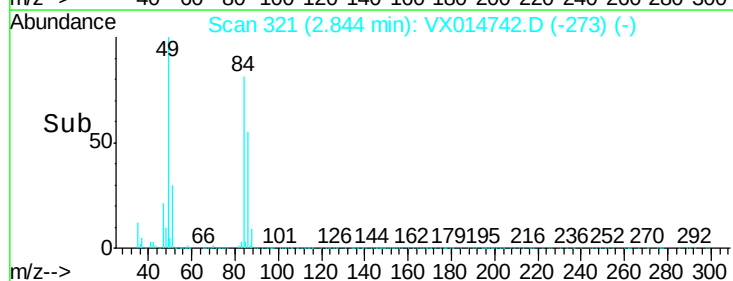
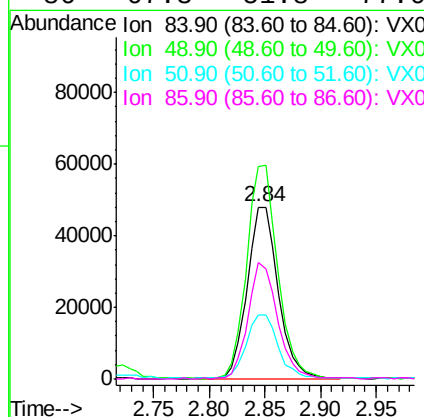
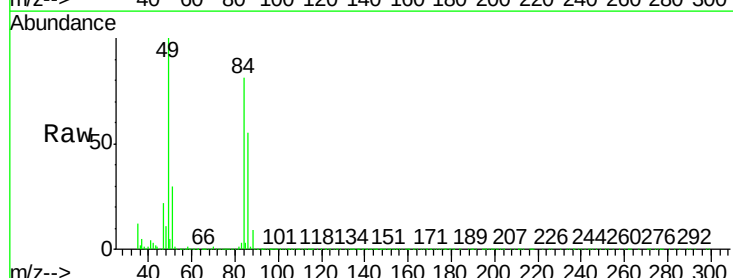
Manual Integrations
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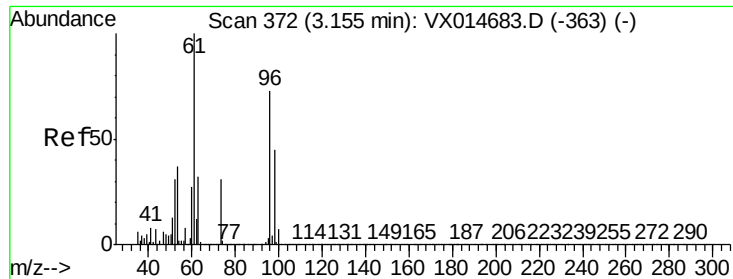
MMDadoda
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#20
Methylene Chloride
Concen: 17.733 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.9	98.2	147.4
51	37.2	31.3	46.9
86	67.3	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 17.595 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

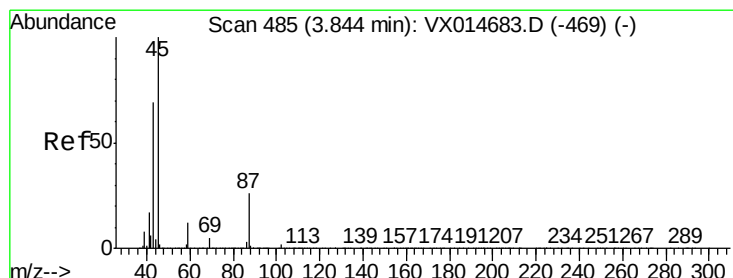
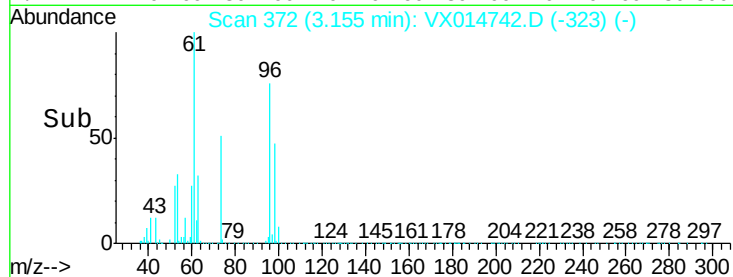
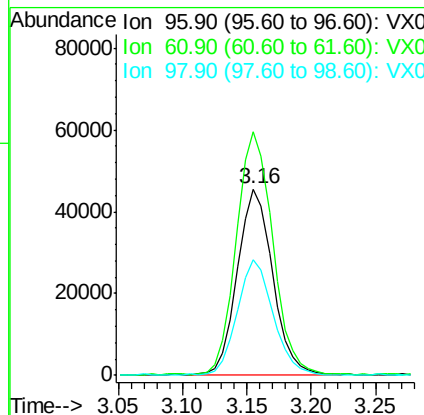
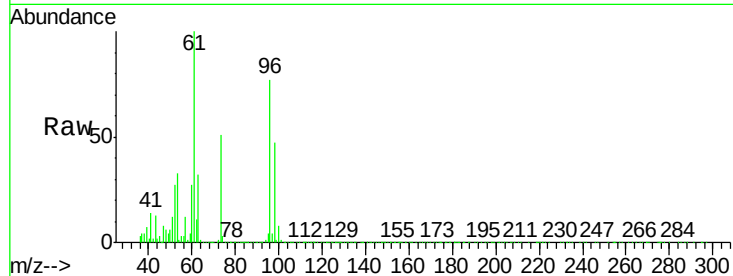
ClientSampleId :

VX0128WBS01

Tot Ion:	96	Resp:	86273
Ion	Ratio	Lower	Upper
96	100		
61	130.6	109.8	164.6
98	61.7	49.6	74.4

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#22

Diisopropyl ether

Concen: 18.802 ug/l

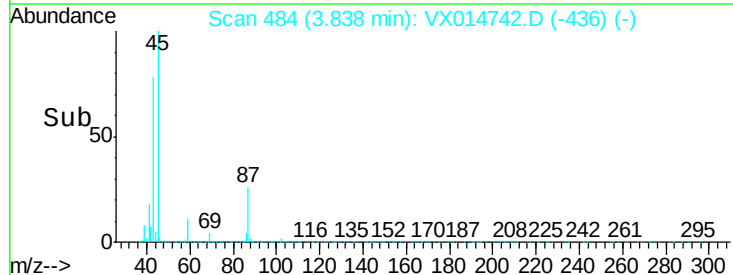
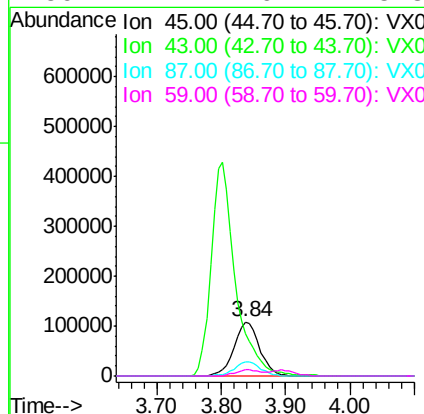
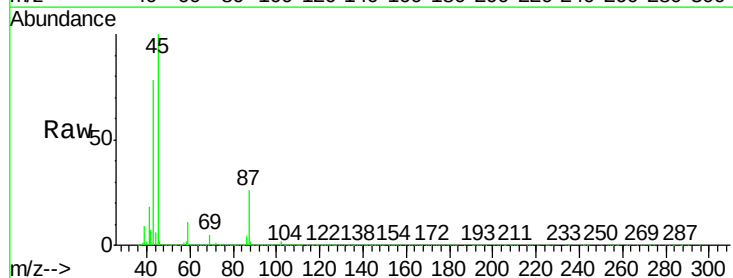
RT: 3.84 min Scan# 484

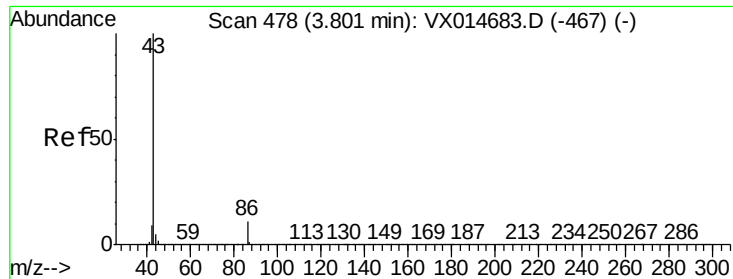
Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Tgt Ion:	45	Resp:	299416
Ion	Ratio	Lower	Upper
45	100		
43	77.7	55.1	82.7
87	25.8	20.7	31.1
59	11.2	9.2	13.8





#23

Vinyl Acetate

Concen: 92.983 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion: 43 Resp: 1128750

Ion Ratio Lower Upper

43 100

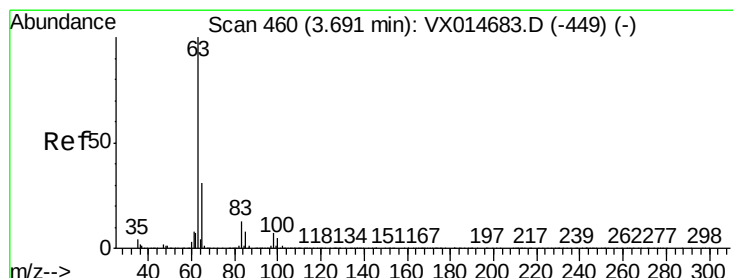
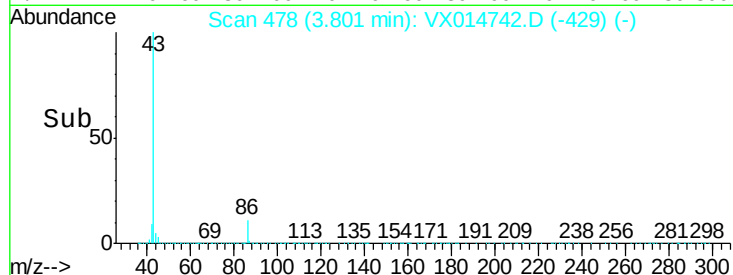
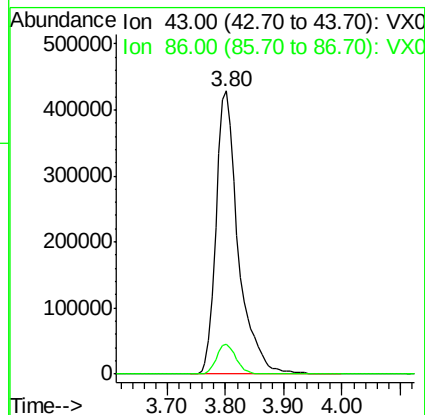
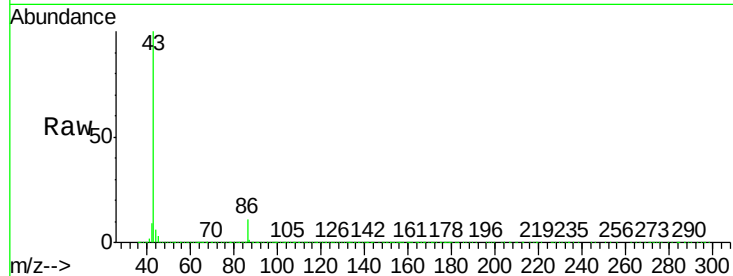
86 10.7 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.455 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

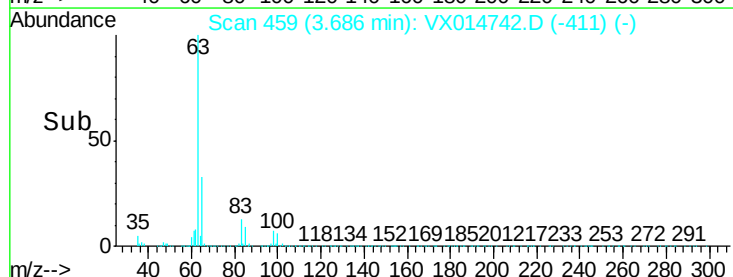
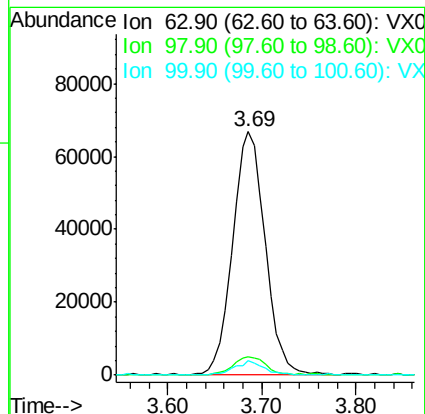
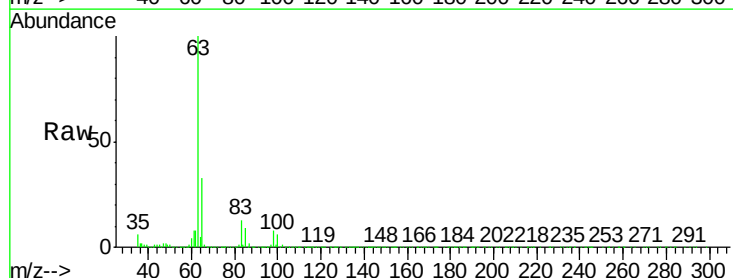
Tgt Ion: 63 Resp: 159603

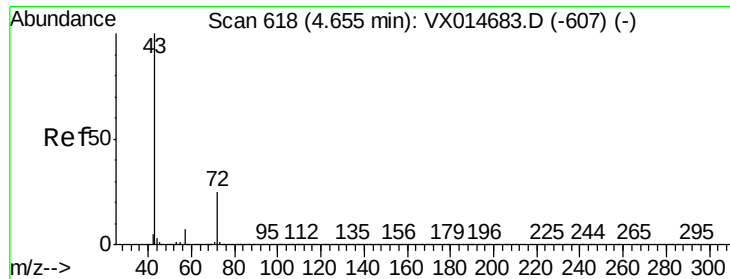
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 5.6 2.2 6.6





#25

2-Butanone

Concen: 83.026 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion: 43 Resp: 341042

Ion Ratio Lower Upper

43 100

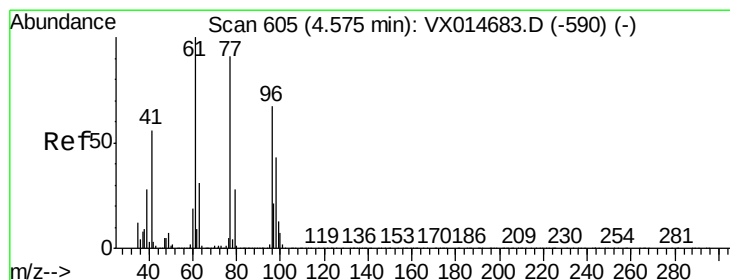
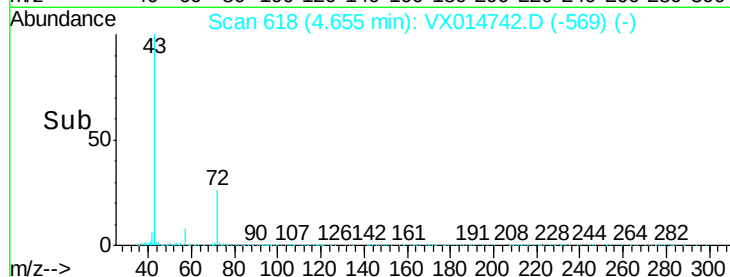
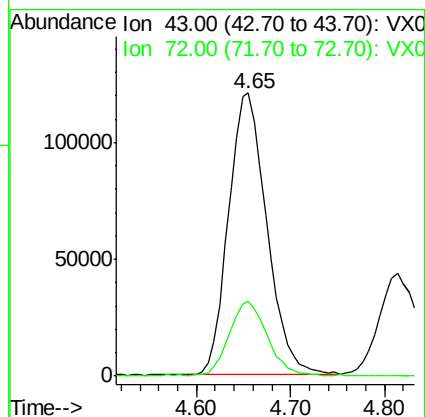
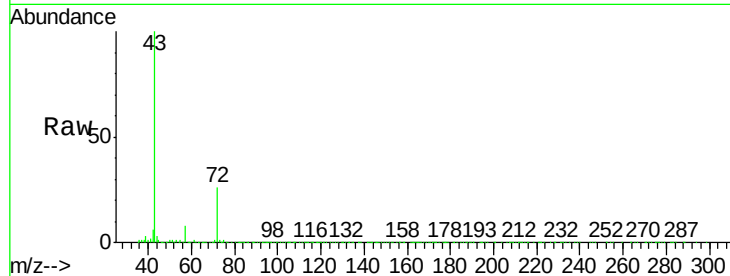
72 26.2 19.9 29.9

Manual Integrations

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MMDadoda

1/29/2020 10:55:41 AM



#26

2,2-Dichloropropane

Concen: 18.516 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014742.D

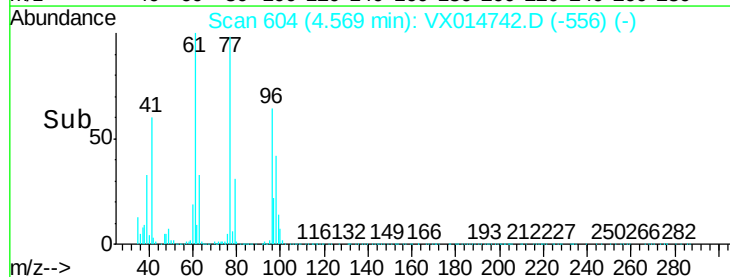
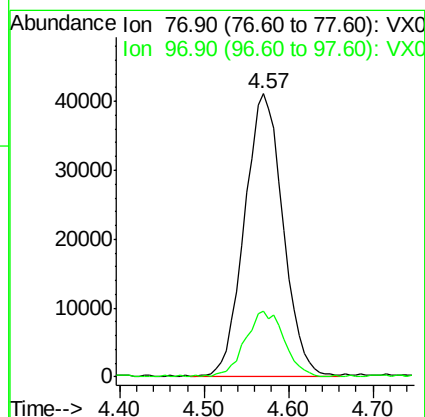
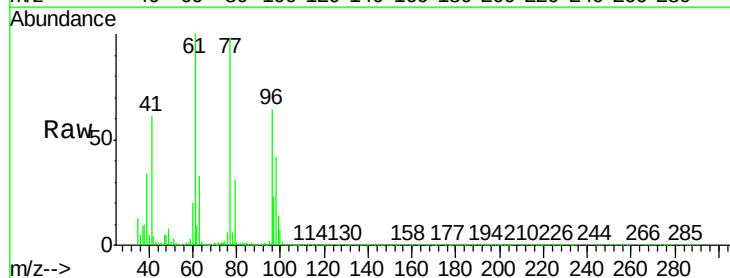
Acq: 28 Jan 2020 11:21

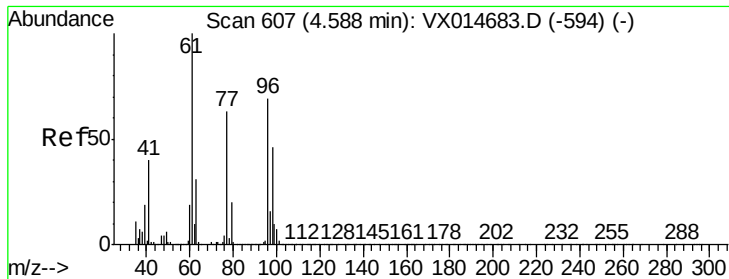
Tgt Ion: 77 Resp: 128170

Ion Ratio Lower Upper

77 100

97 22.8 11.8 35.3





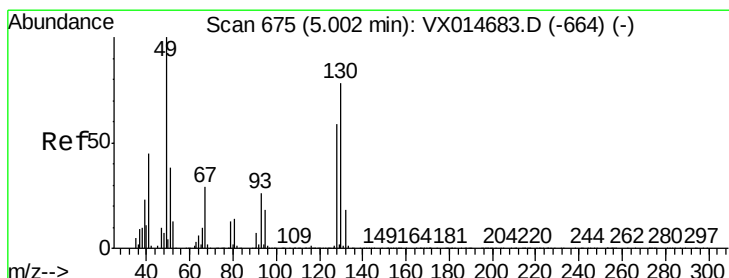
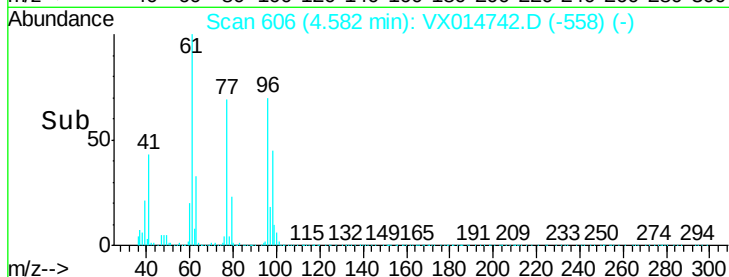
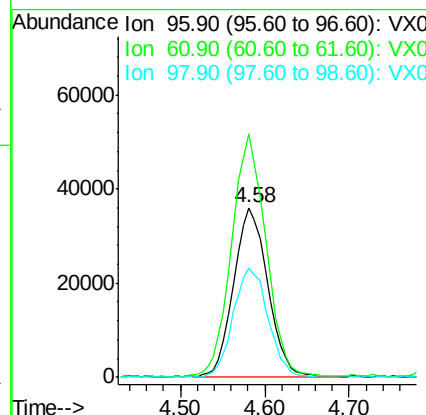
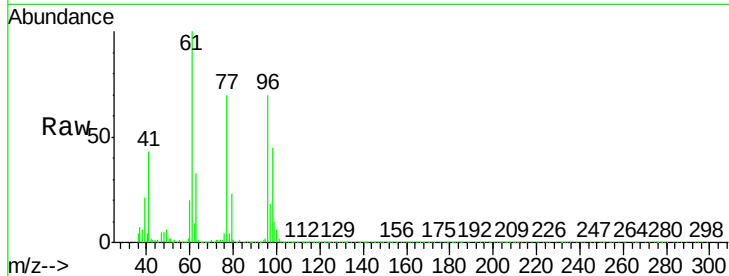
#27
 cis-1,2-Dichloroethene
 Concen: 17.982 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	291.0
98	65.6	0.0	129.8

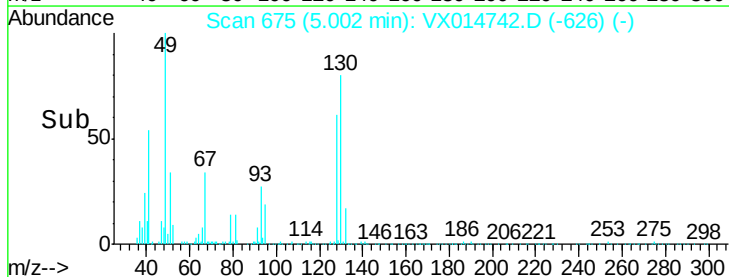
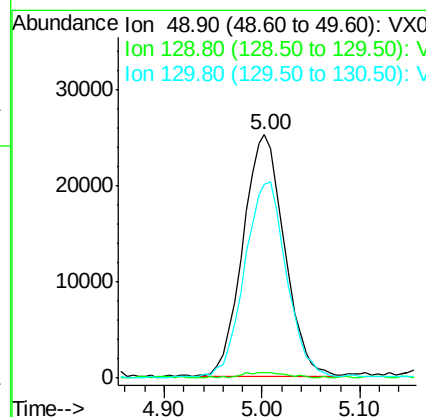
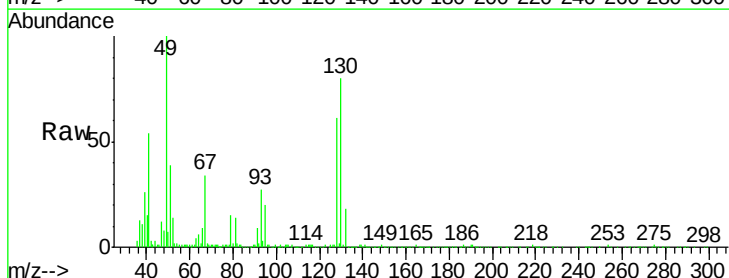
Manual Integrations
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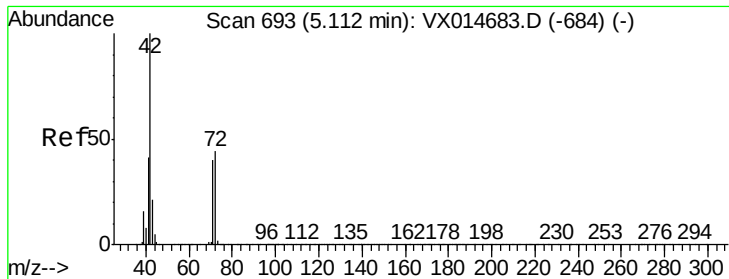
MMDadoda
 1/29/2020 10:55:41 AM



#28
 Bromochloromethane
 Concen: 19.397 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	4.8
130	82.2	62.4	93.6





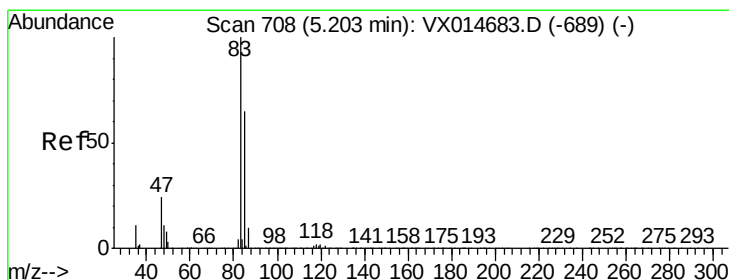
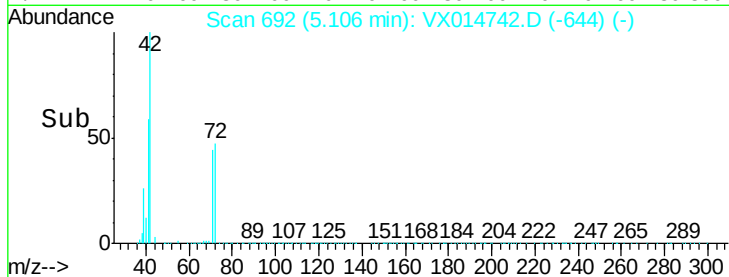
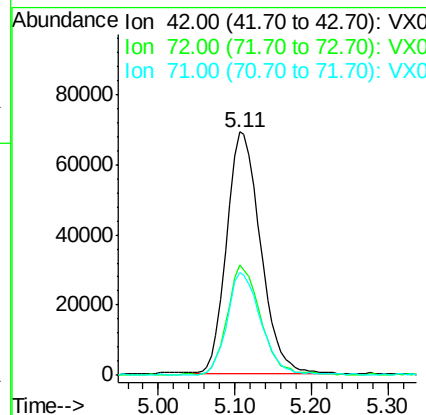
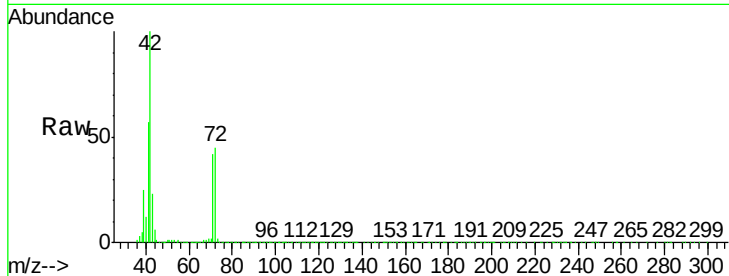
#29
Tetrahydrofuran
Concen: 86.402 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.3	52.9
71	42.7	33.1	49.7

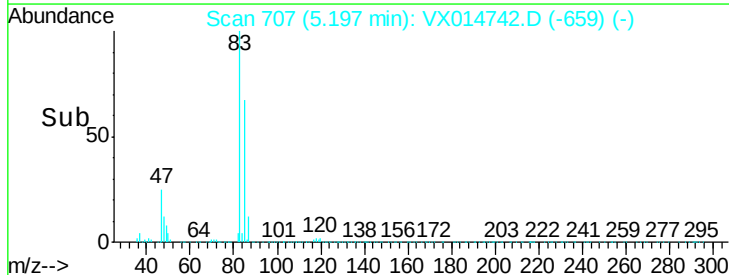
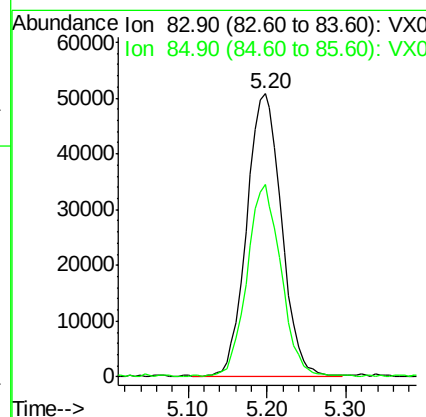
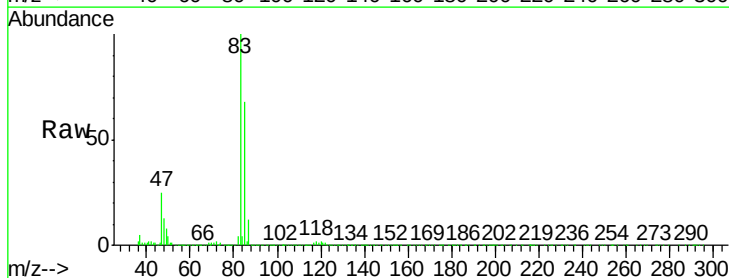
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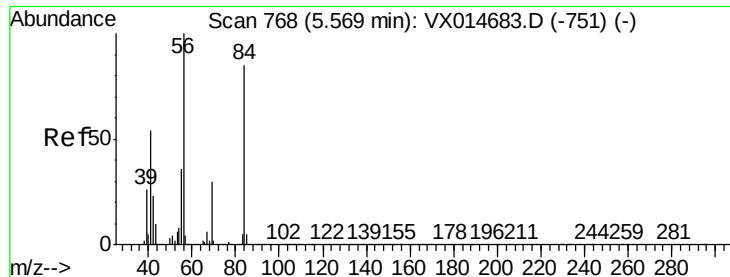
MMDadoda
1/29/2020 10:55:41 AM



#30
Chloroform
Concen: 18.101 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.5	51.7	77.5





#31

Cyclohexane

Concen: 18.325 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

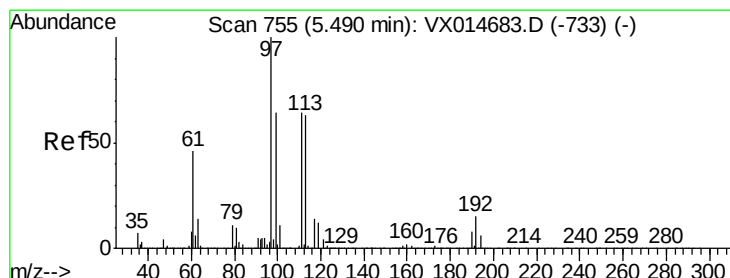
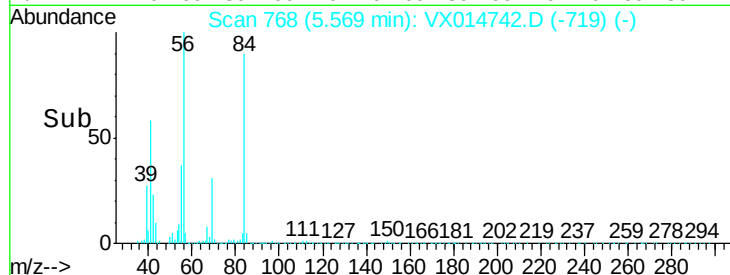
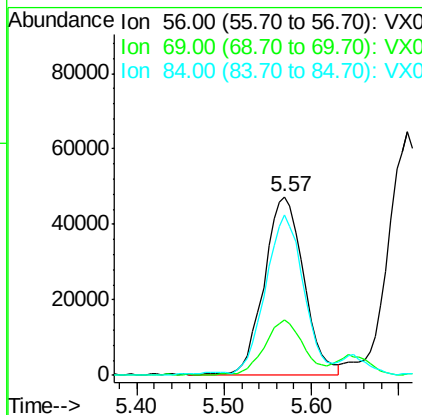
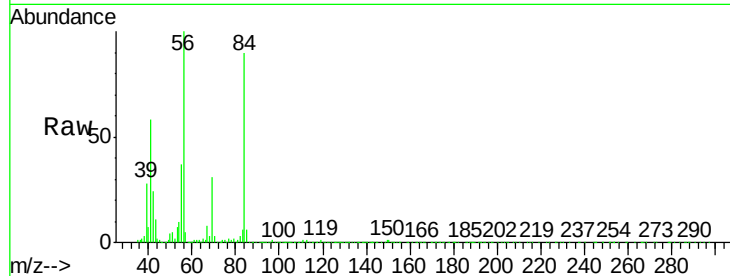
ClientSampleId :

VX0128WBS01

Tot Ion:	56	Resp:	149056
Ion Ratio		Lower	Upper
56	100		
69	30.6	23.4	35.2
84	89.1	68.4	102.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.161 ug/l

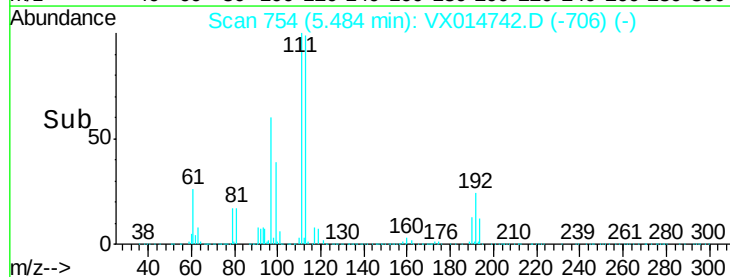
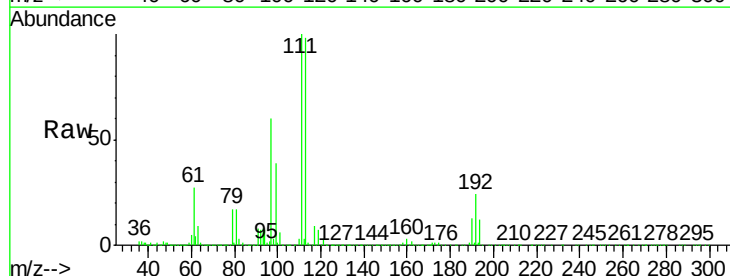
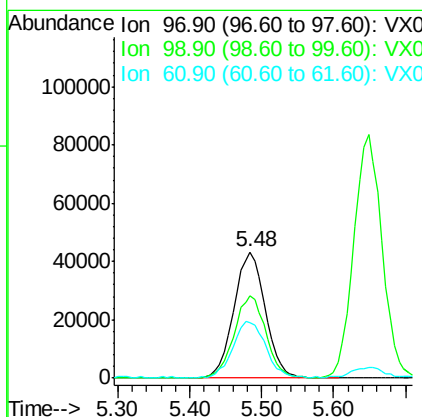
RT: 5.48 min Scan# 754

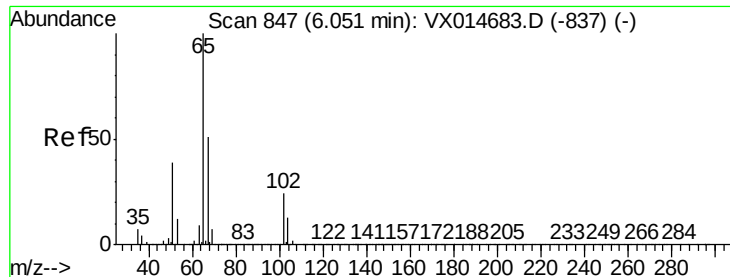
Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Tgt Ion:	97	Resp:	131513
Ion Ratio		Lower	Upper
97	100		
99	64.7	52.3	78.5
61	47.2	37.2	55.8





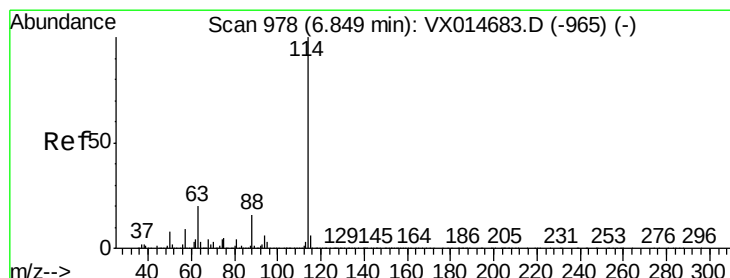
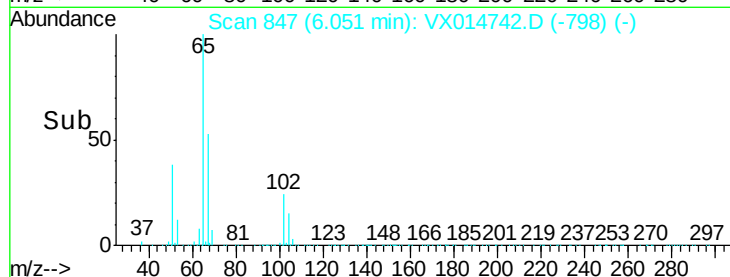
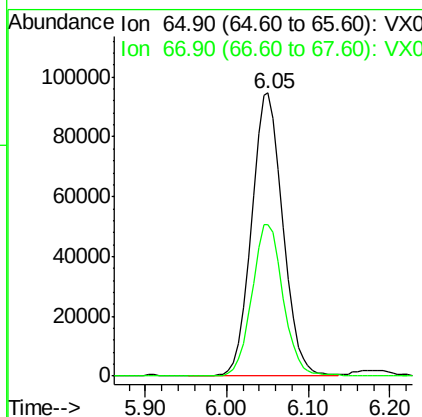
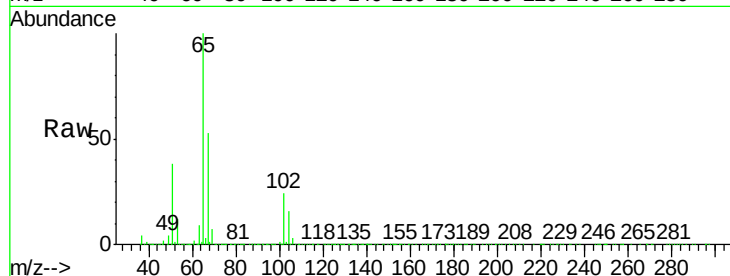
#33
 1,2-Dichloroethane-d4
 Concen: 48.504 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	253728		
67	52.6	0.0	107.4	

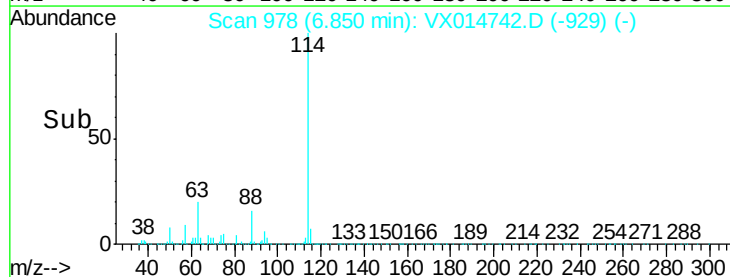
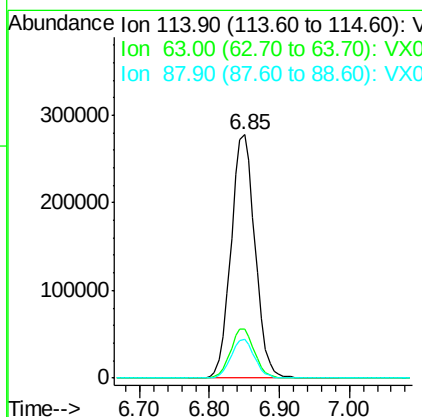
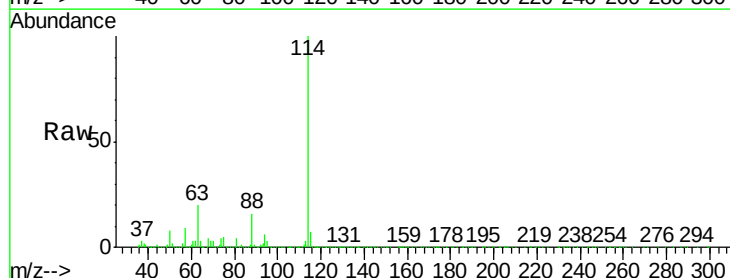
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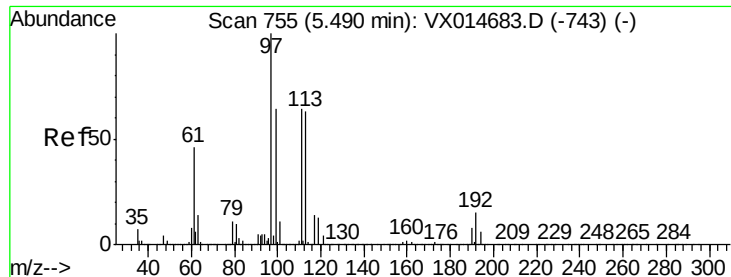
MMDadoda
 1/29/2020 10:55:41 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	661871		
63	20.2	0.0	40.6	
88	15.8	0.0	31.2	





#35

Dibromofluoromethane

Concen: 49.407 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

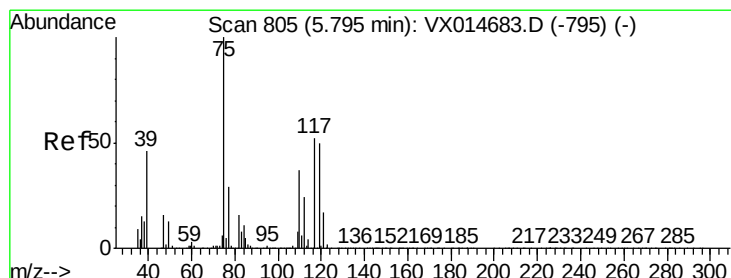
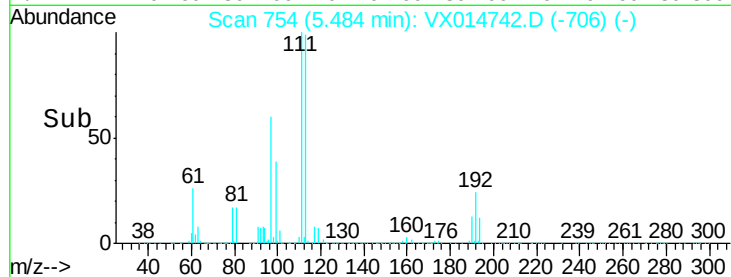
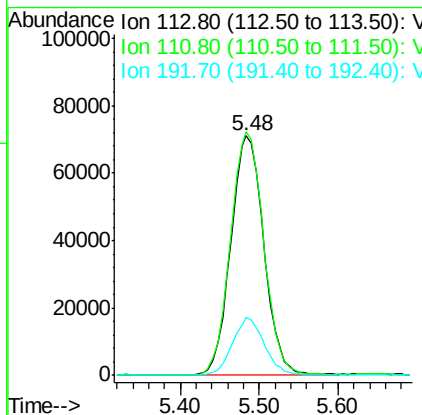
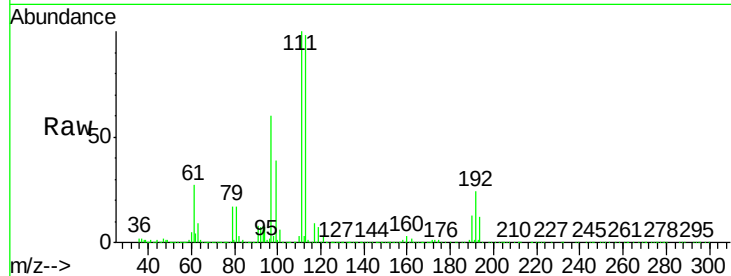
ClientSampleId :

VX0128WBS01

Tot Ion:	113	Resp:	206340
Ion Ratio	Lower	Upper	
113	100		
111	102.3	80.7	121.1
192	23.2	18.5	27.7

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#36

1,1-Dichloropropene

Concen: 19.088 ug/l

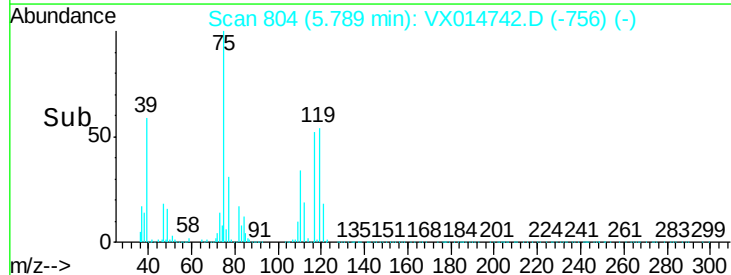
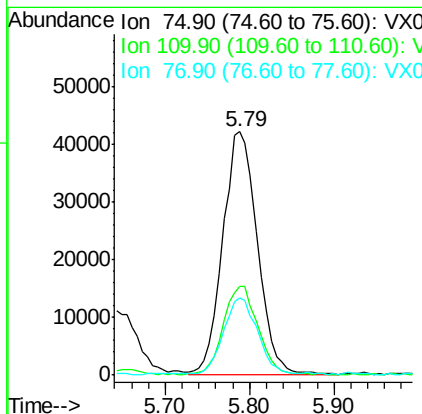
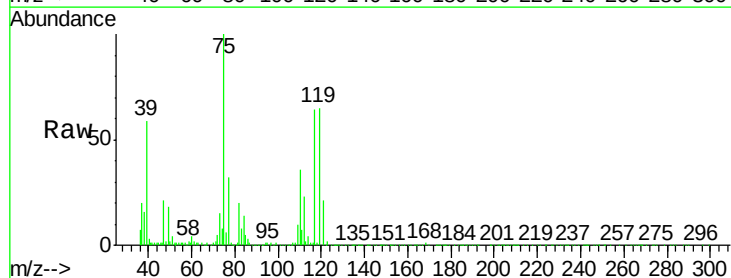
RT: 5.79 min Scan# 804

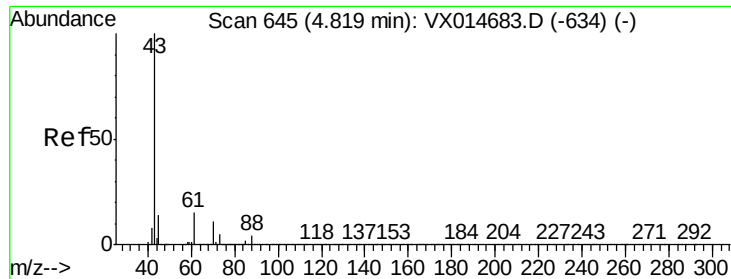
Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Tgt Ion:	75	Resp:	117395
Ion Ratio	Lower	Upper	
75	100		
110	36.5	17.9	53.7
77	30.2	24.1	36.1





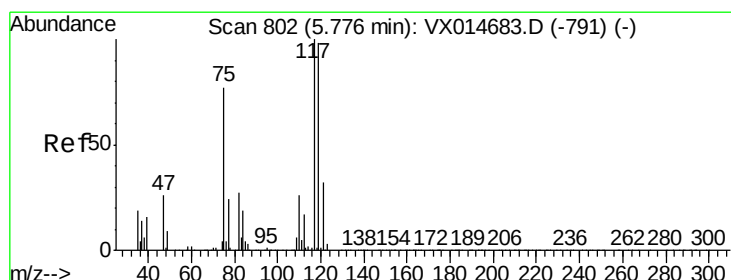
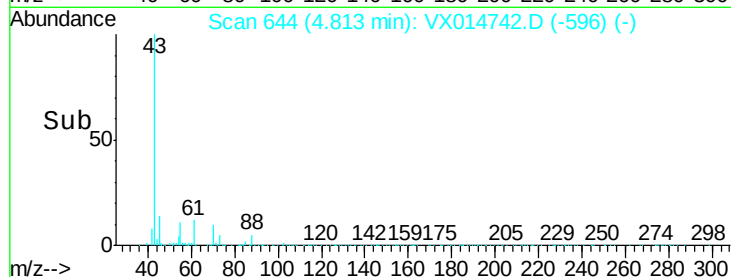
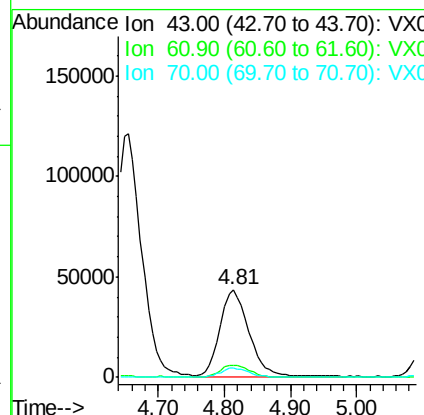
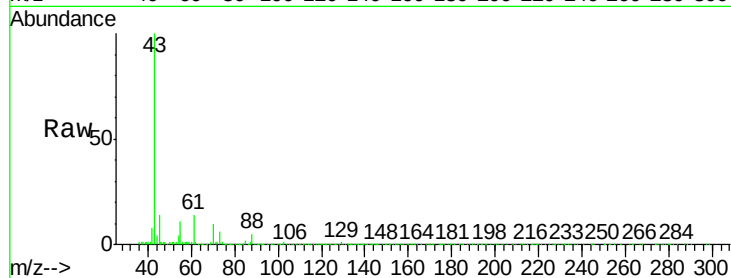
#37
Ethyl Acetate
Concen: 18.779 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.0	16.4
70	10.1	8.5	12.7

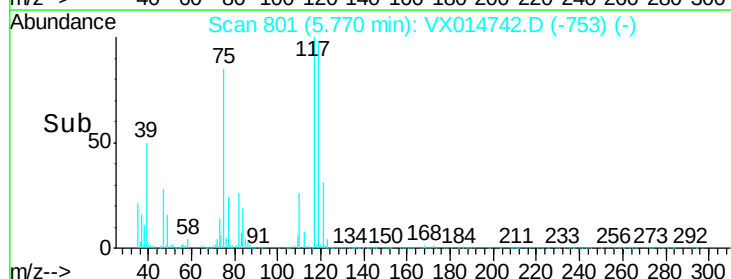
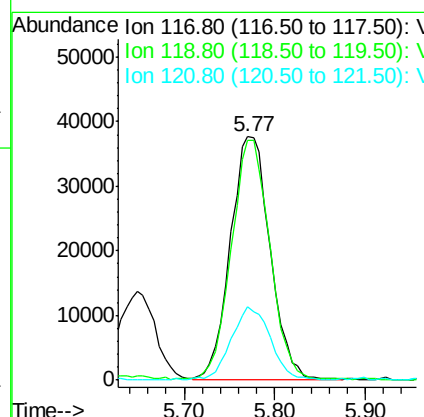
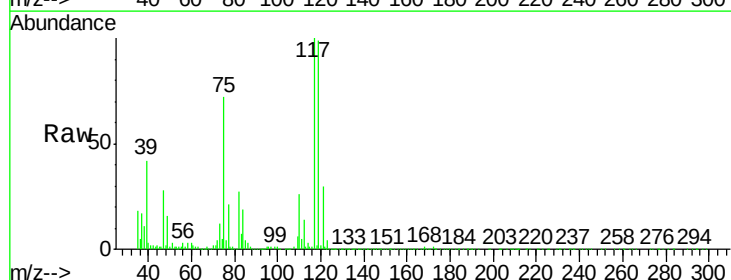
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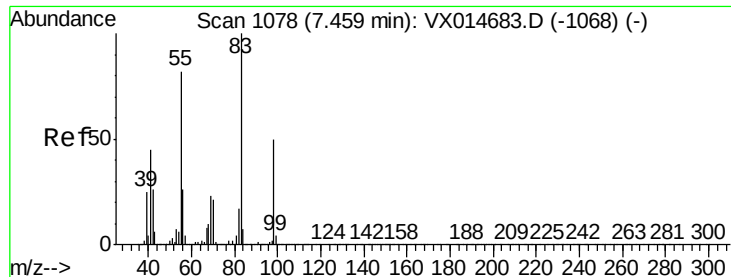
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#38
Carbon Tetrachloride
Concen: 19.284 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.9	116.9
121	30.0	25.4	38.2





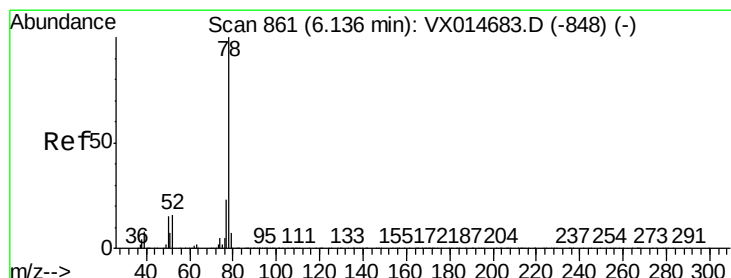
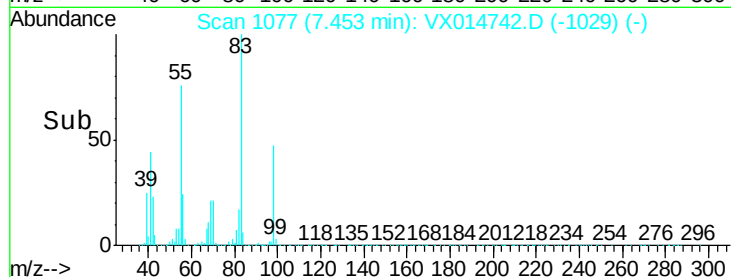
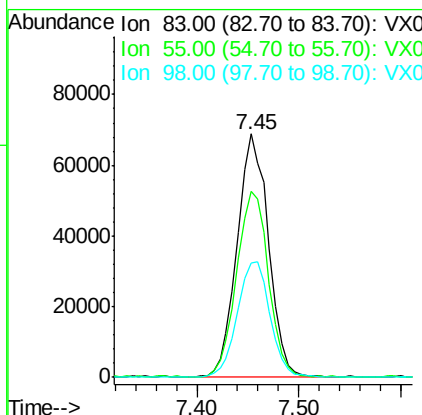
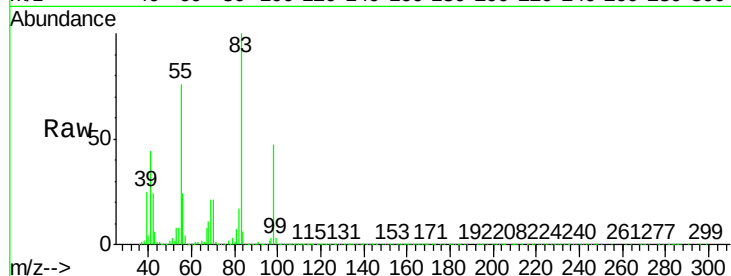
#39
Methylvlcyclohexane
Concen: 19.011 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	146476		
55	76.0	65.6	98.4	
98	46.6	40.2	60.4	

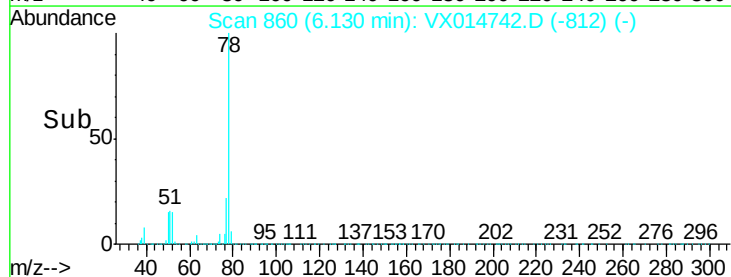
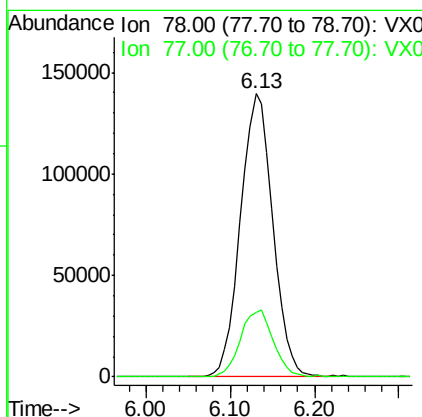
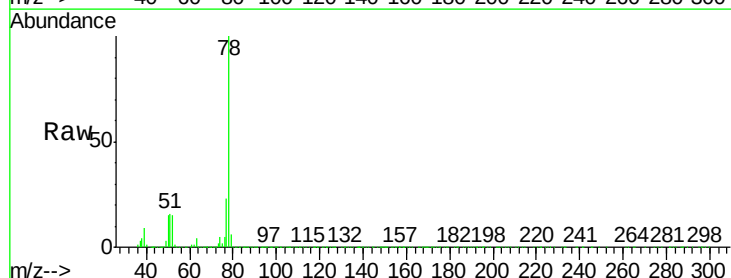
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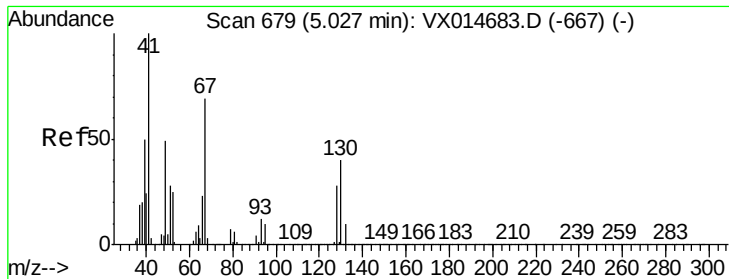
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1/29/2020 10:55:41 AM



#40
Benzene
Concen: 18.939 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	359896		
77	22.5	18.7	28.1	





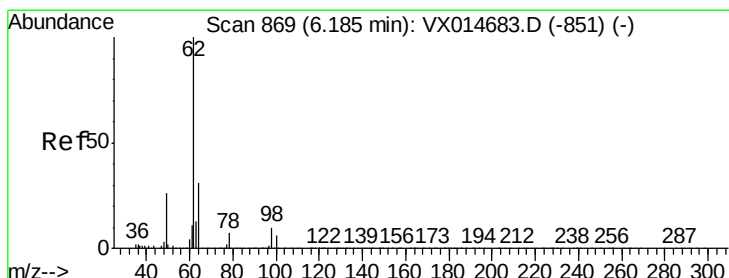
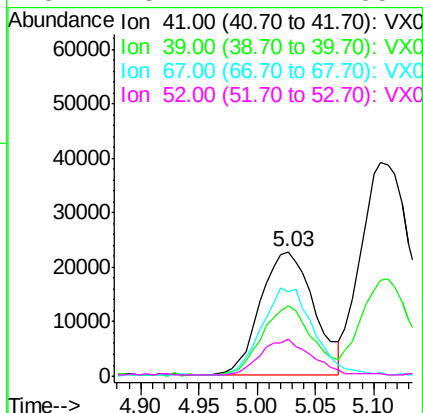
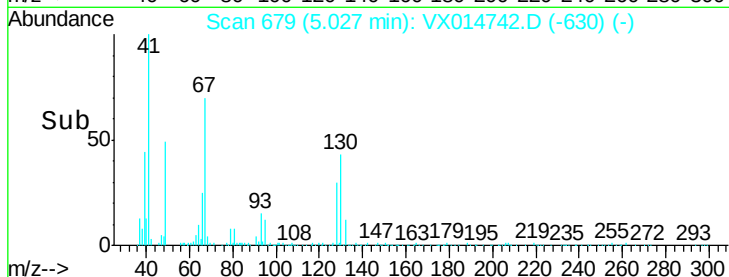
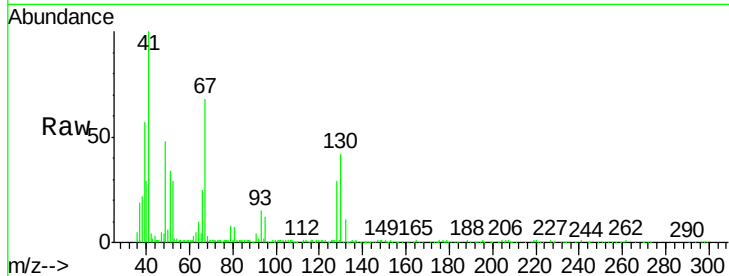
#41
Methacrylonitrile
Concen: 17.867 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.2	42.2	63.2	
67	69.6	55.4	83.0	
52	28.2	22.1	33.1	

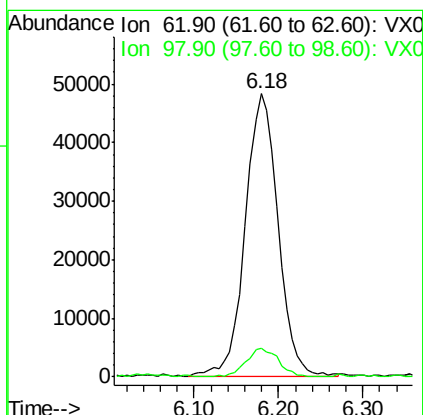
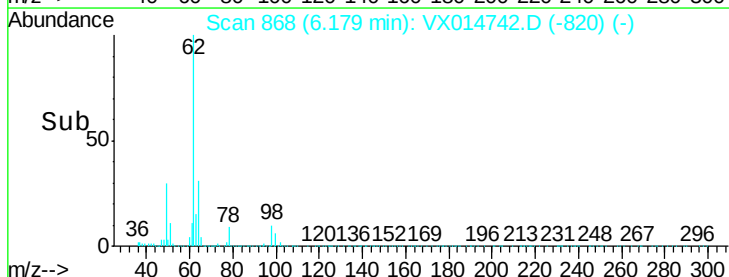
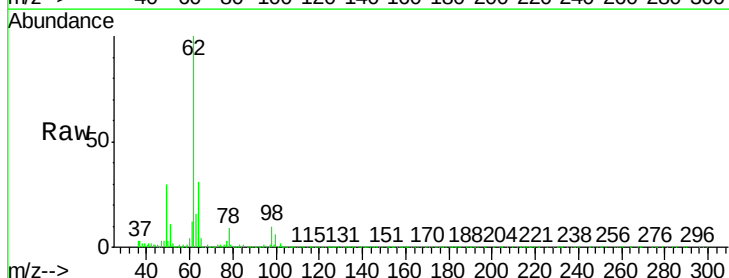
Manual Integrations
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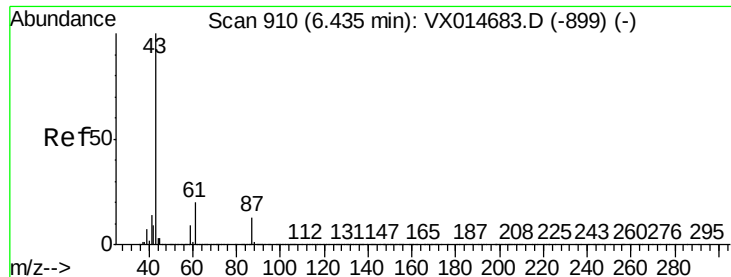
MMDadoda
1/29/2020 10:55:41 AM



#42
1,2-Dichloroethane
Concen: 19.568 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.0	





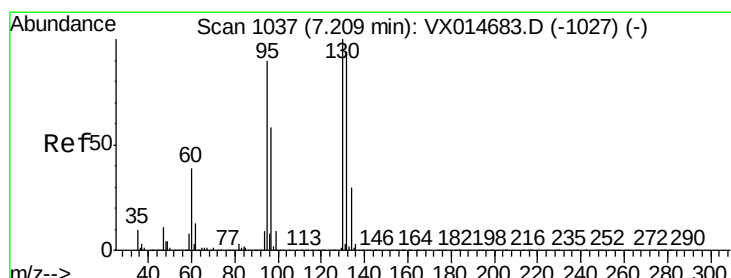
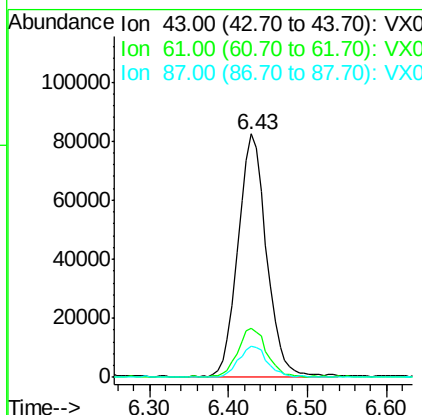
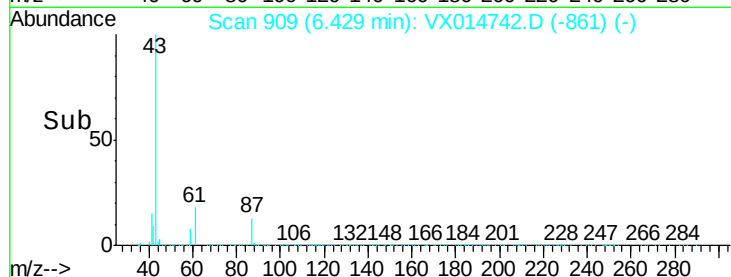
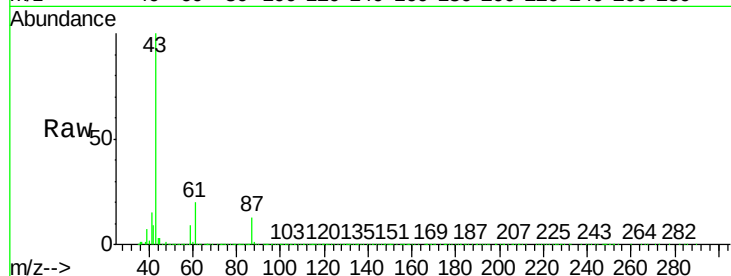
#43
Isopropyl Acetate
Concen: 17.881 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

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

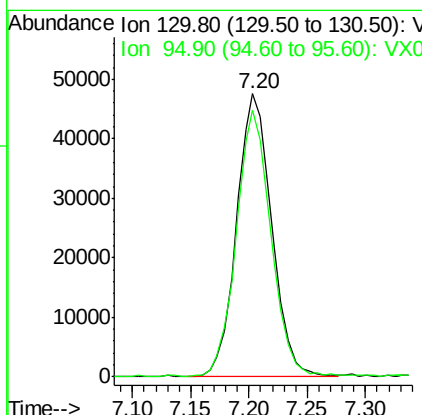
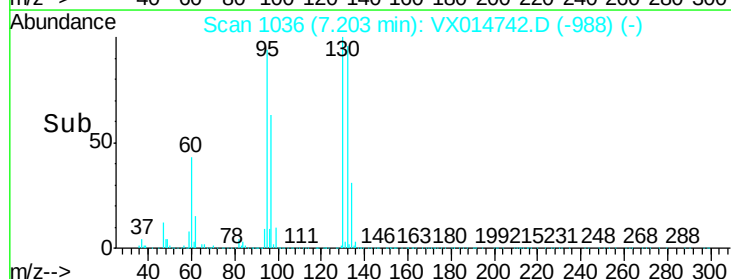
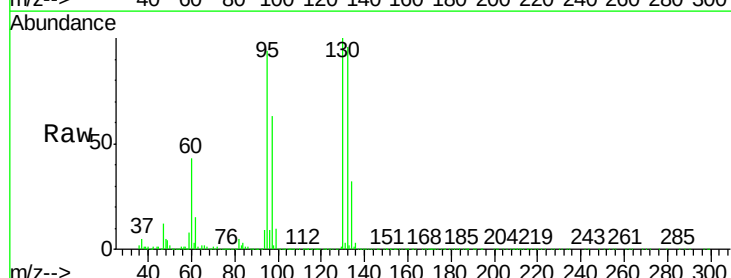
Manual Integrations
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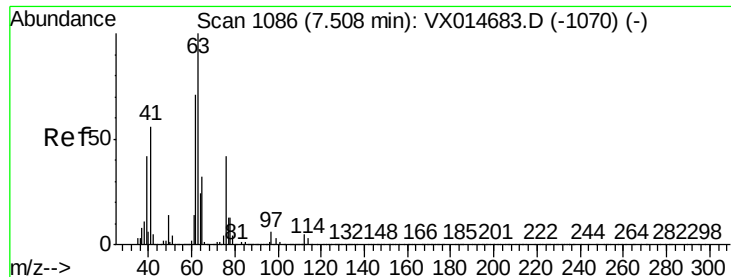
MMDadoda
1/29/2020 10:55:41 AM



#44
Trichloroethene
Concen: 18.445 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	179.8





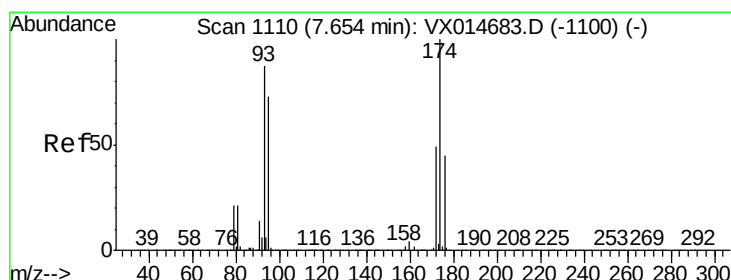
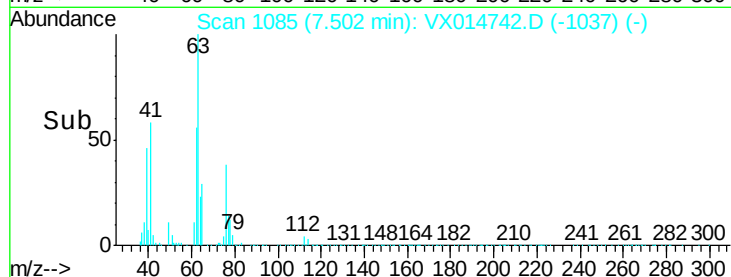
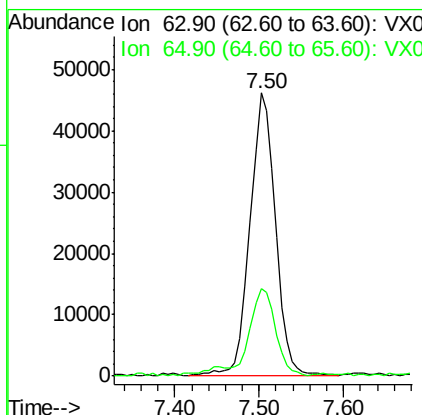
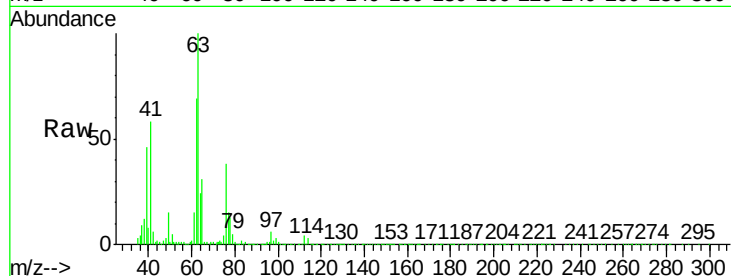
#45
 1,2-Dichloropropane
 Concen: 19.156 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	25.2	37.8

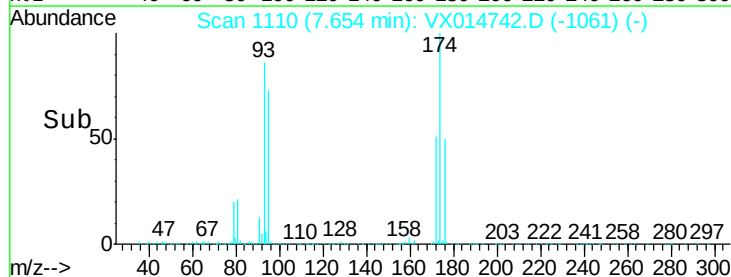
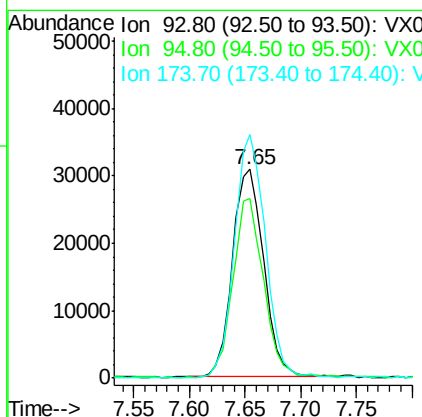
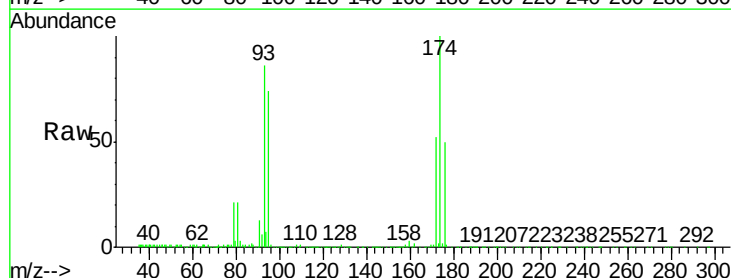
Manual Integrations
 APPROVED

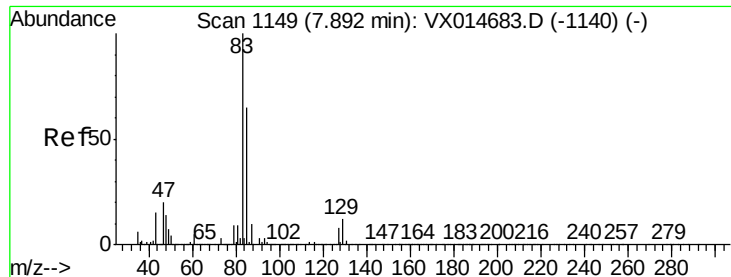
MMDadoda
 1/29/2020 10:55:41 AM



#46
 Dibromomethane
 Concen: 18.880 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.4	67.0	100.4
174	117.5	90.2	135.2





#47

Bromodichloromethane

Concen: 18.779 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

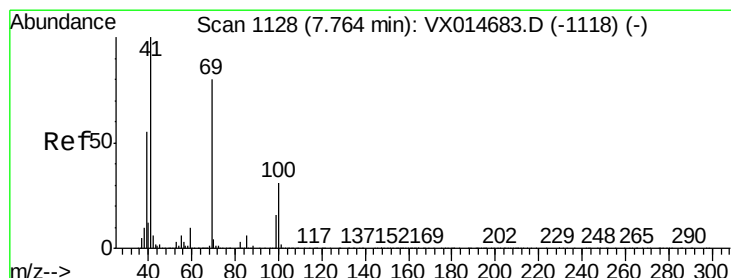
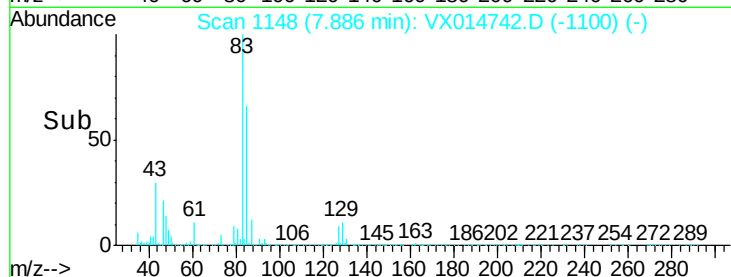
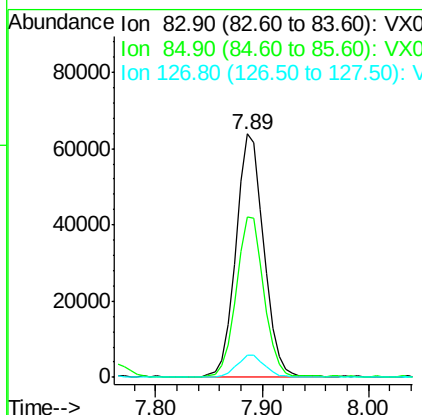
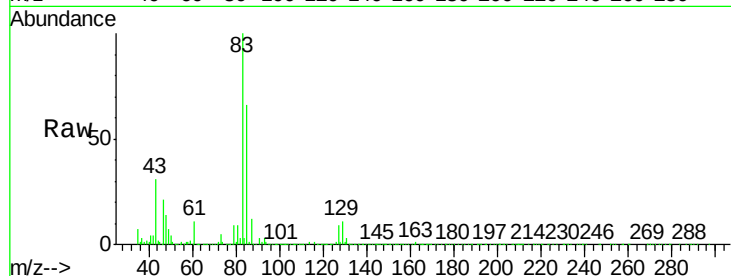
ClientSampleId :

VX0128WBS01

Tot Ion:	83	Resp:	116778
Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.2	78.2
127	8.8	6.4	9.6

Manual Integrations
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MMDadoda
1/29/2020 10:55:41 AM



#48

Methyl methacrylate

Concen: 18.591 ug/l

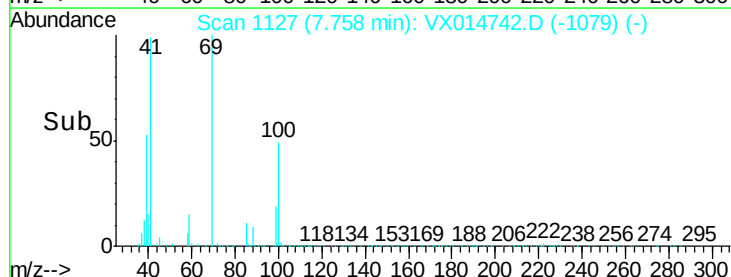
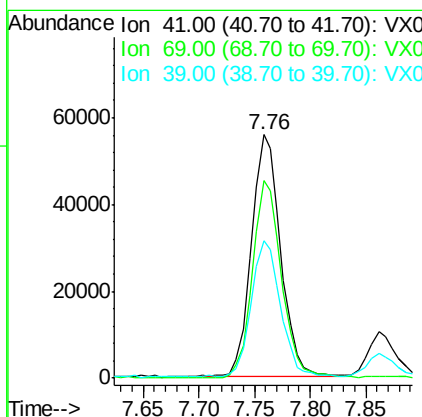
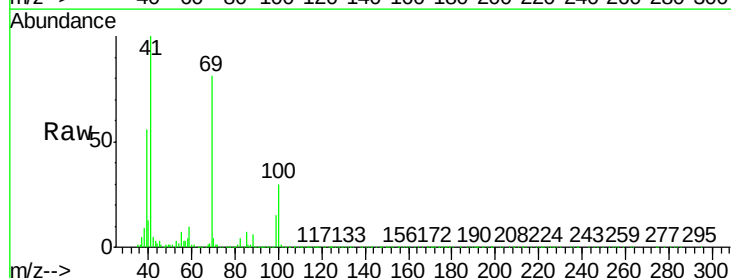
RT: 7.76 min Scan# 1127

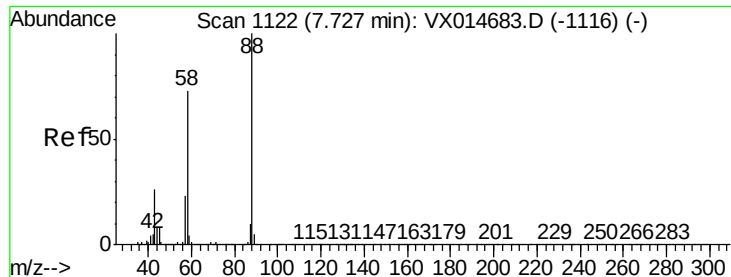
Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Tgt Ion:	41	Resp:	102460
Ion	Ratio	Lower	Upper
41	100		
69	80.1	63.5	95.3
39	56.1	43.7	65.5





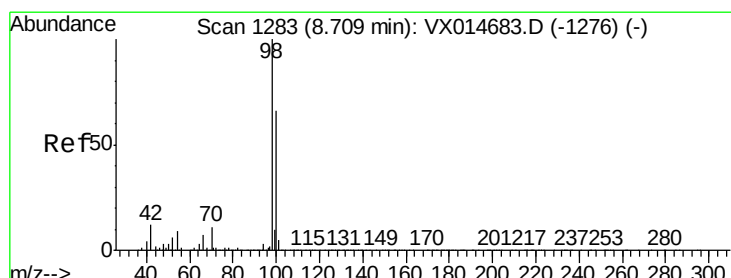
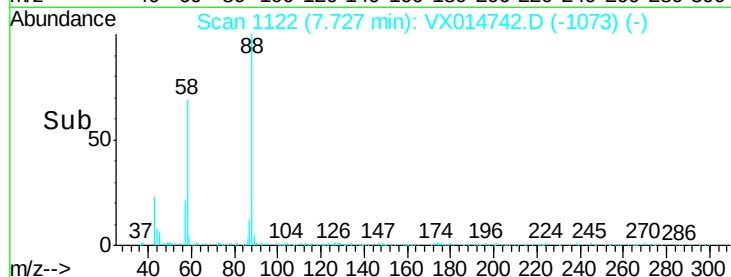
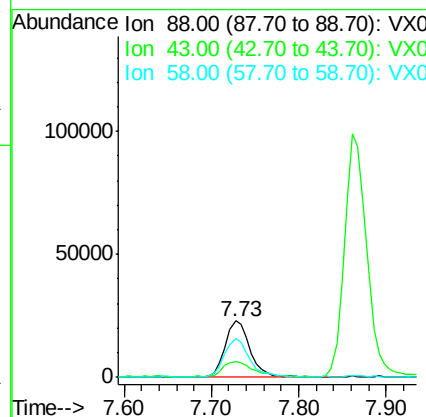
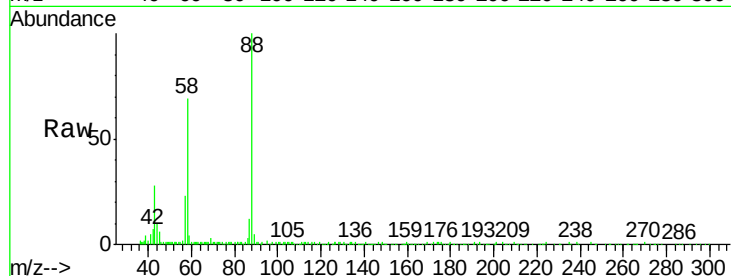
#49
1,4-Dioxane
Concen: 376.725 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.1	26.2	39.2
58	68.9	56.6	85.0

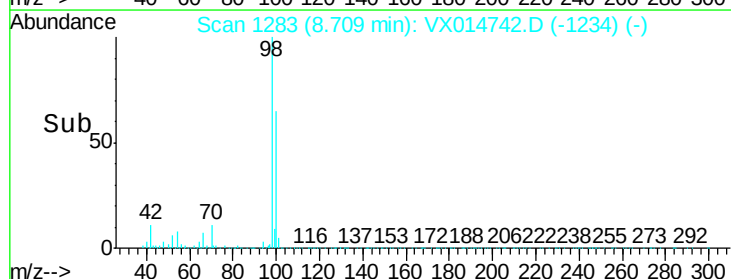
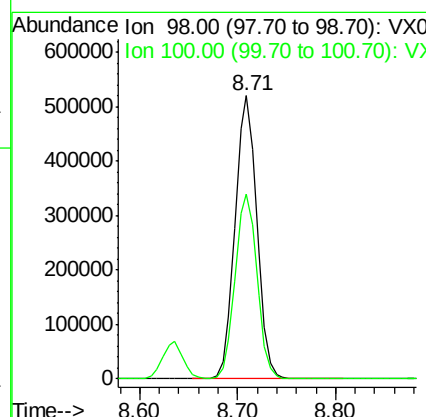
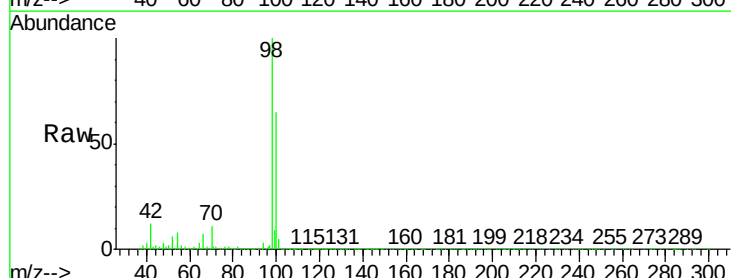
Manual Integrations
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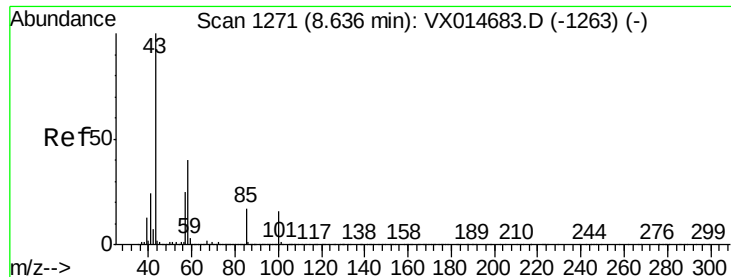
MMDadoda
1/29/2020 10:55:41 AM



#50
Toluene-d8
Concen: 50.014 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 91.412 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion: 43 Resp: 665491

Ion Ratio Lower Upper

43 100

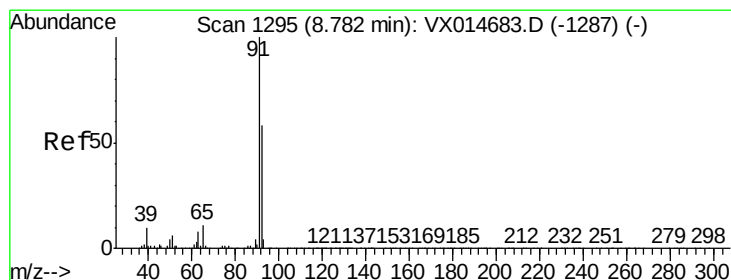
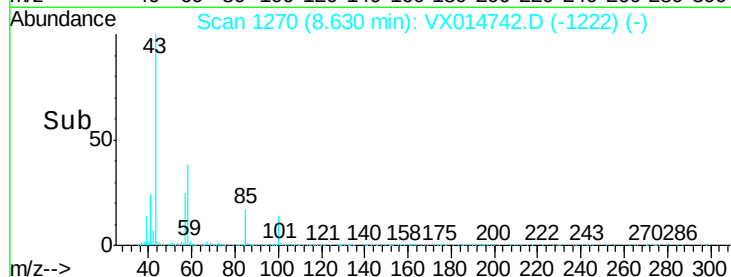
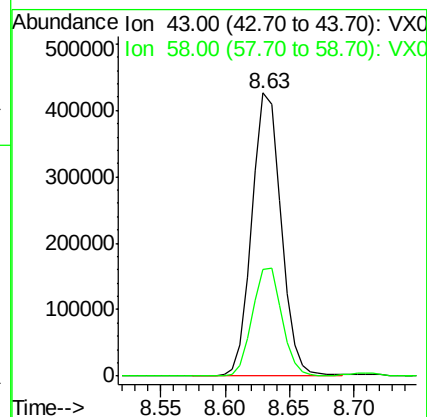
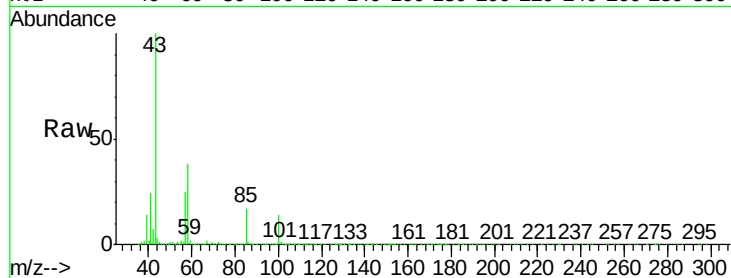
58 38.7 31.6 47.4

Manual Integrations

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1/29/2020 10:55:41 AM



#52

Toluene

Concen: 19.449 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014742.D

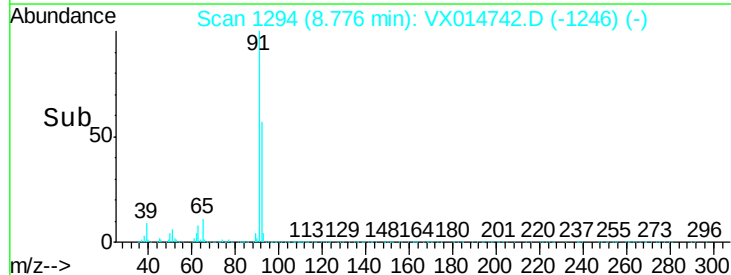
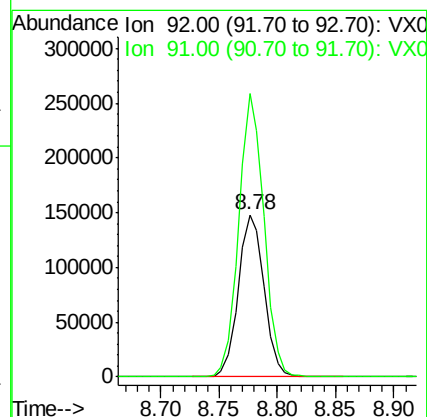
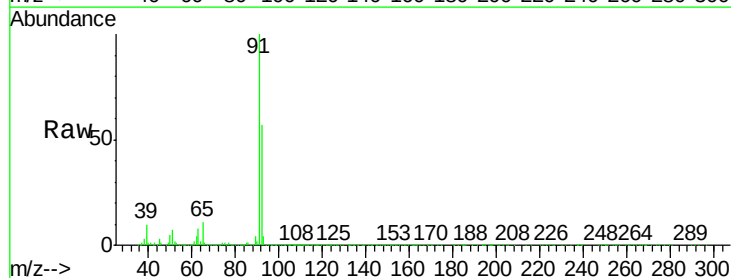
Acq: 28 Jan 2020 11:21

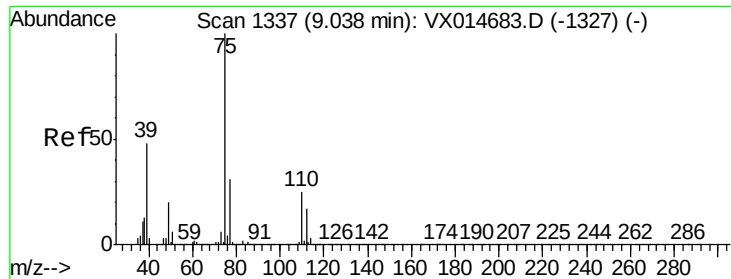
Tgt Ion: 92 Resp: 227185

Ion Ratio Lower Upper

92 100

91 171.9 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 18.855 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

ClientSampled :

VX0128WBS01

Tot Ion: 75 Resp: 126253

Ion Ratio Lower Upper

75 100

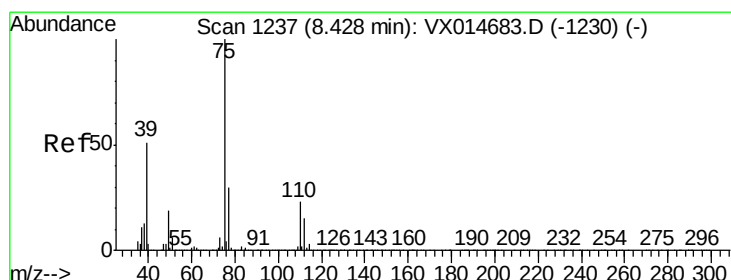
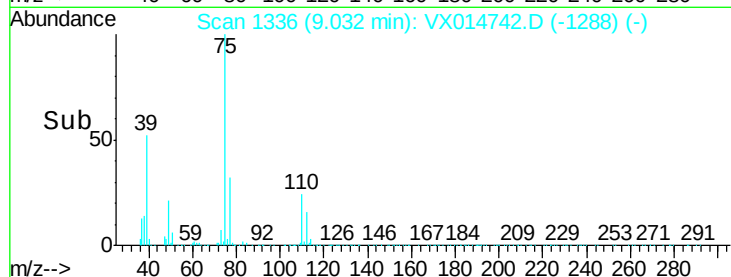
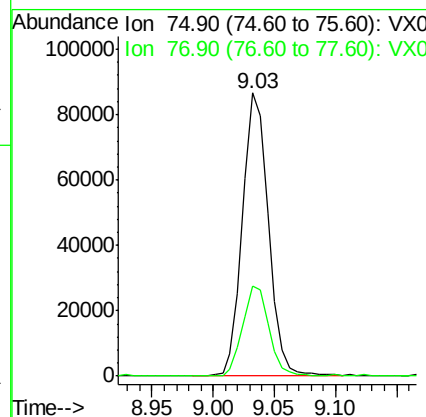
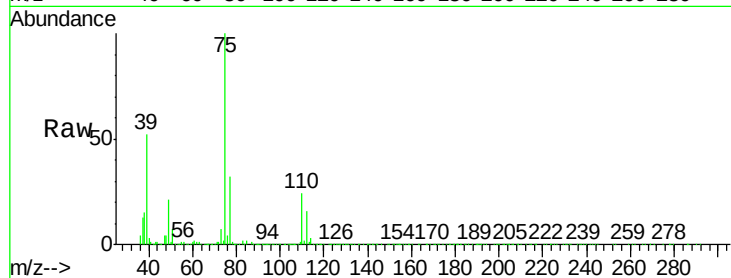
77 31.7 24.9 37.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.148 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

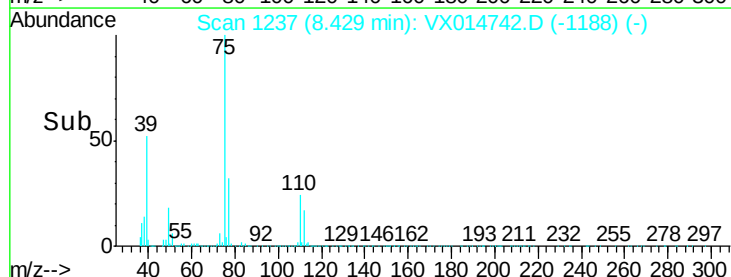
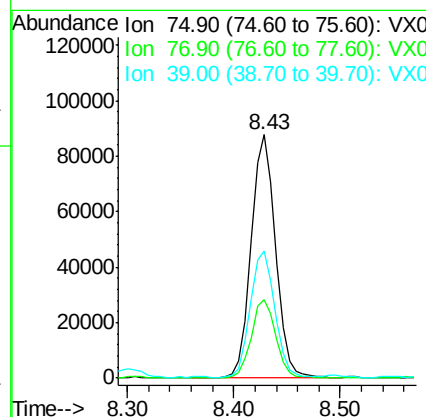
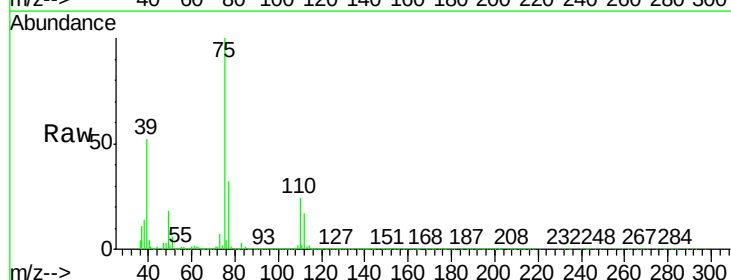
Tgt Ion: 75 Resp: 141048

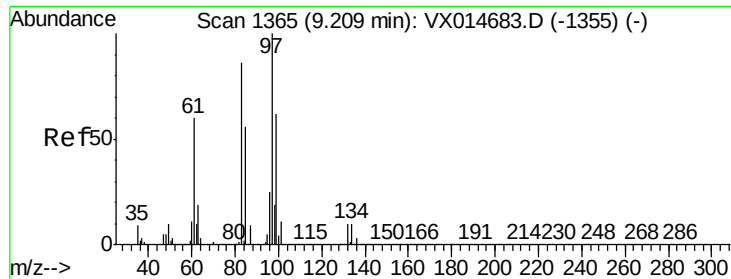
Ion Ratio Lower Upper

75 100

77 32.3 23.9 35.9

39 51.8 40.9 61.3





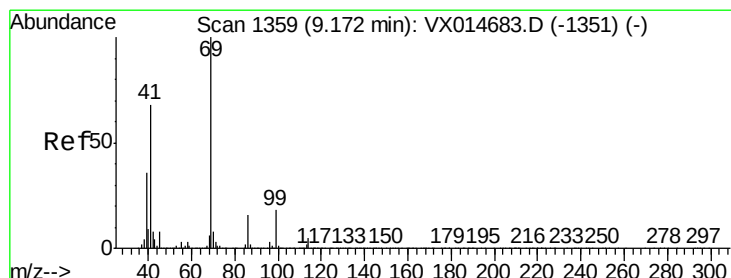
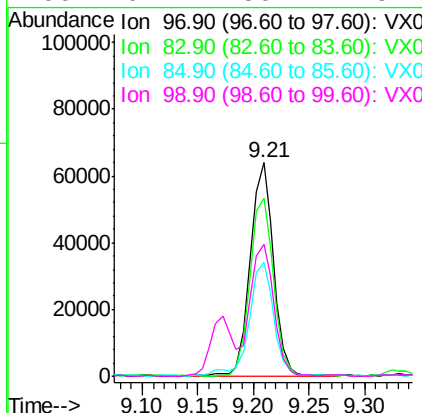
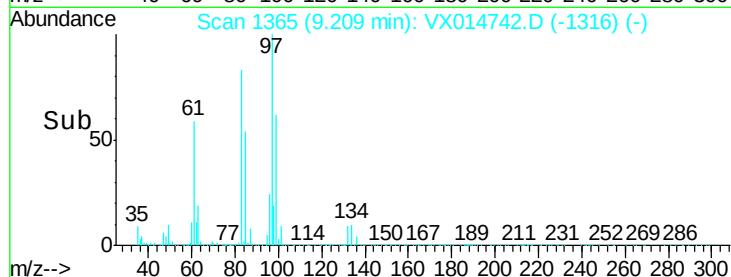
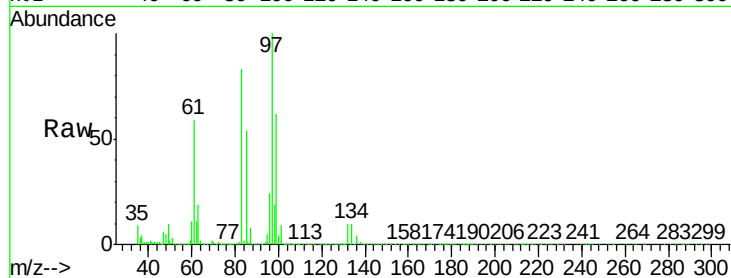
#55
 1,1,2-Trichloroethane
 Concen: 19.267 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100				
83	83.2	69.2	103.8		
85	53.4	44.6	67.0		
99	61.4	50.1	75.1		

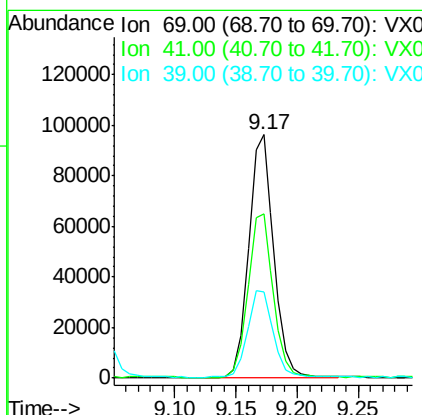
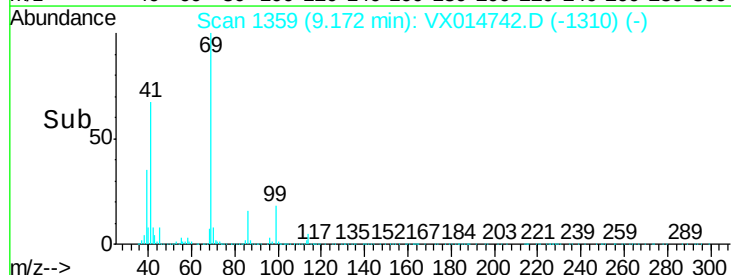
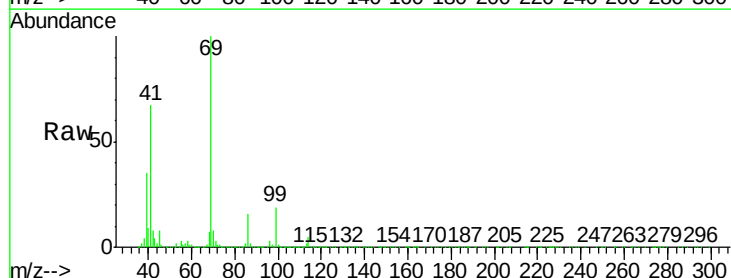
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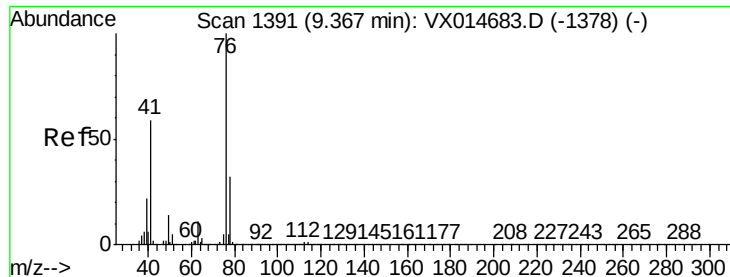
MMDadoda
 1/29/2020 10:55:41 AM



#56
 Ethyl methacrylate
 Concen: 18.042 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	67.9	54.9	82.3		
39	36.5	29.3	43.9		





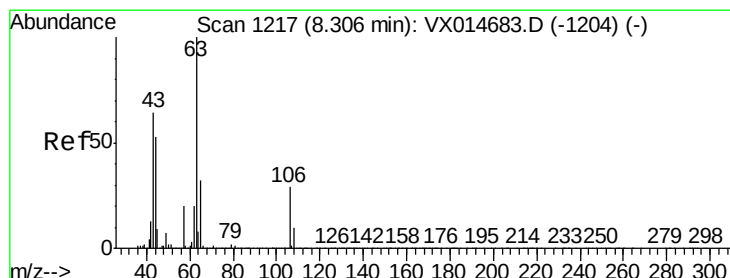
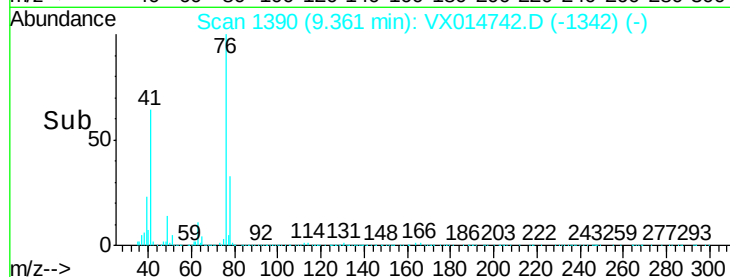
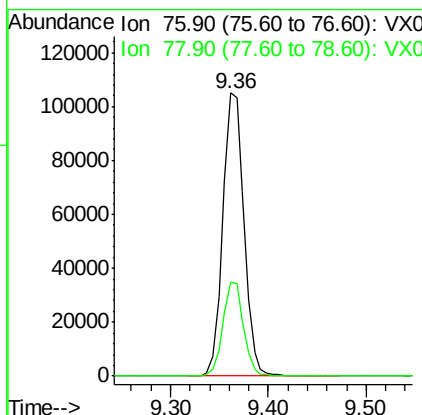
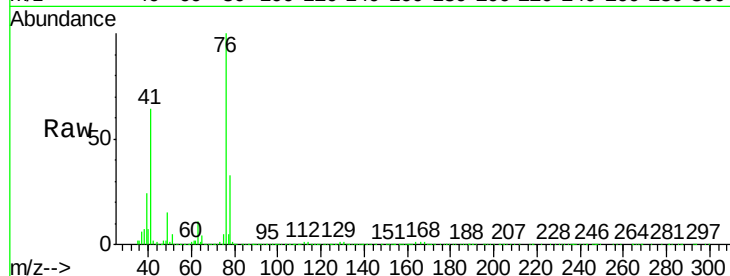
#57
 1,3-Dichloropropane
 Concen: 19.215 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.0	39.0

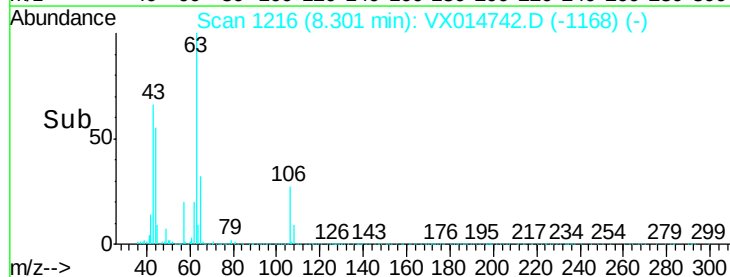
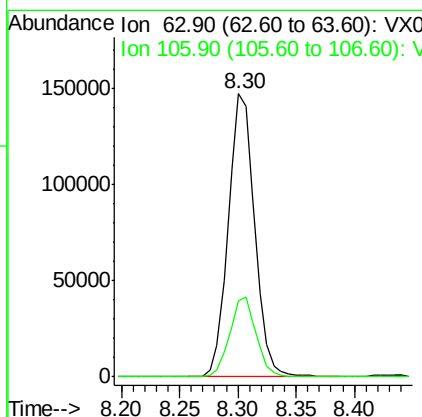
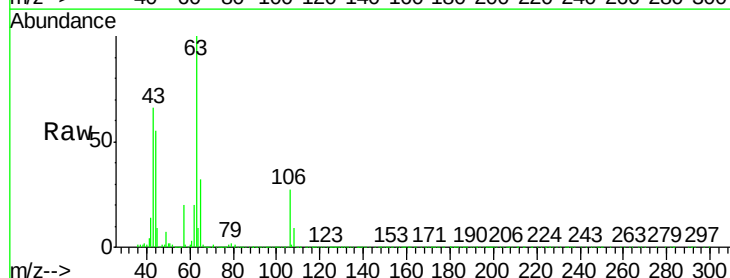
Manual Integrations
 APPROVED

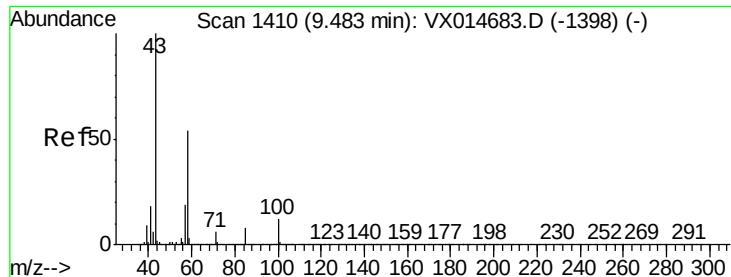
MMDadoda
 1/29/2020 10:55:41 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.100 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.7	34.1





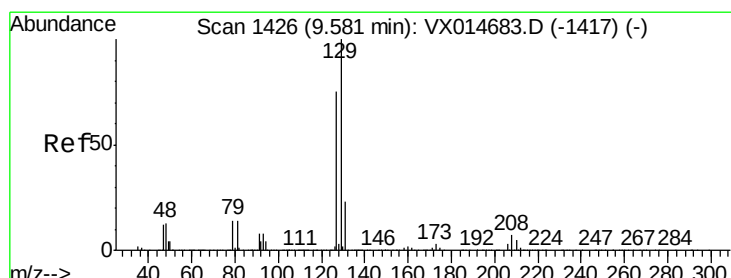
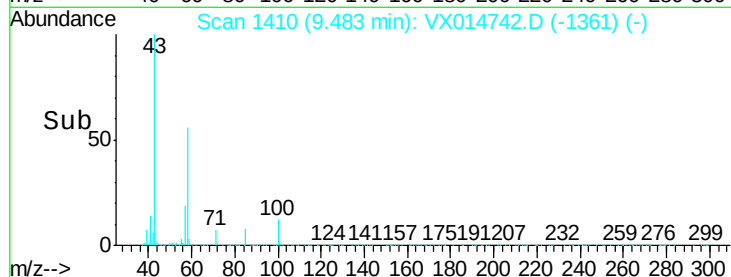
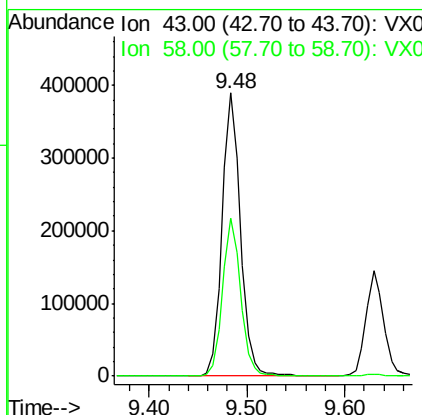
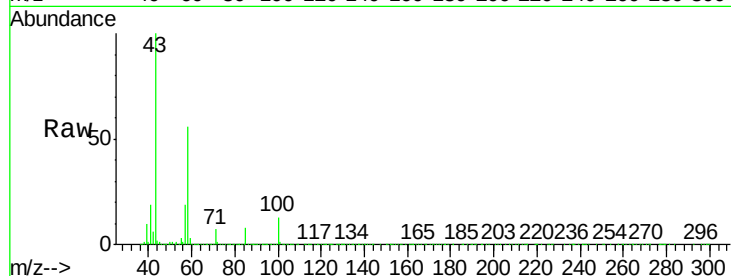
#59
2-Hexanone
Concen: 89.510 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion: 43 Resp: 505667
Ion Ratio Lower Upper
43 100
58 55.1 27.2 81.5

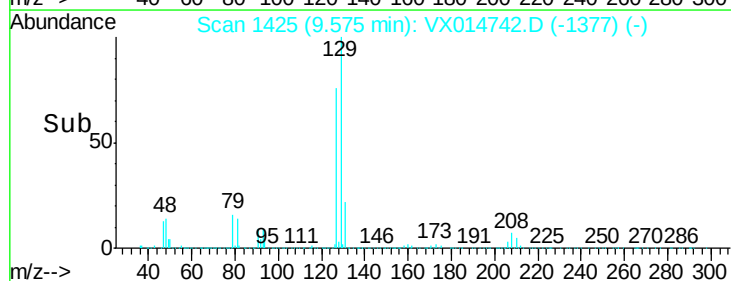
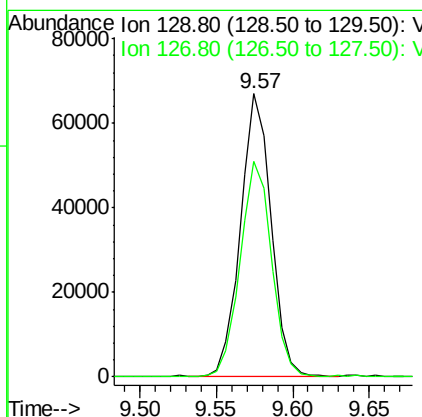
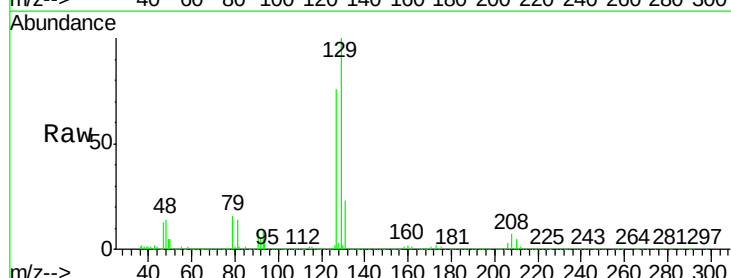
Manual Integrations
APPROVED

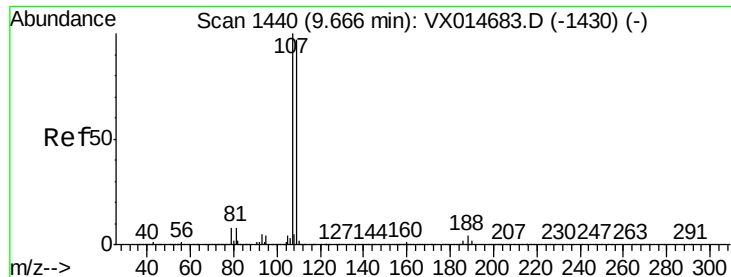
MMDadoda
1/29/2020 10:55:41 AM



#60
Dibromochloromethane
Concen: 18.551 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion: 129 Resp: 92604
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.049 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion:107 Resp: 96323

Ion Ratio Lower Upper

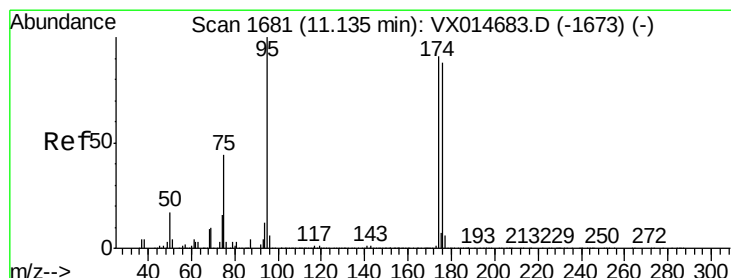
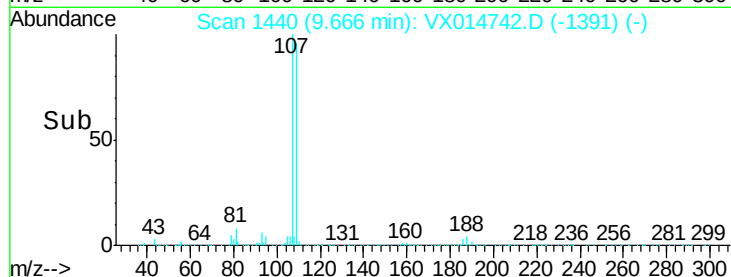
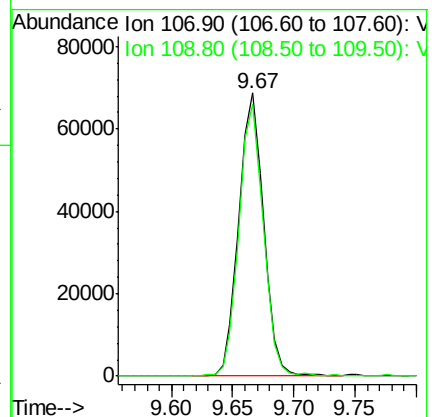
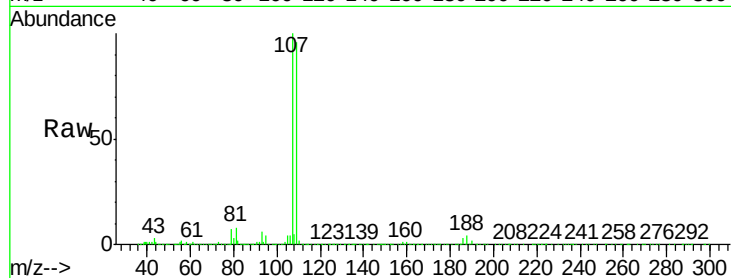
107 100

109 95.2 76.2 114.2

Manual Integrations
APPROVED

MMDadoda

1/29/2020 10:55:41 AM



#62

4-Bromofluorobenzene

Concen: 48.993 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

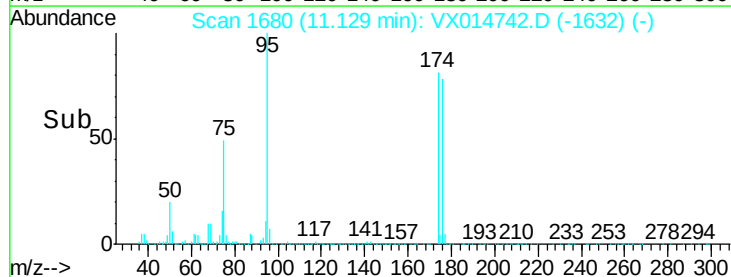
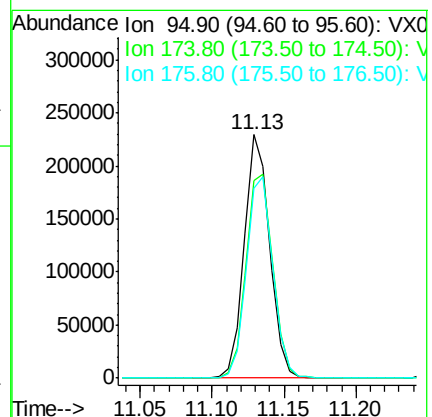
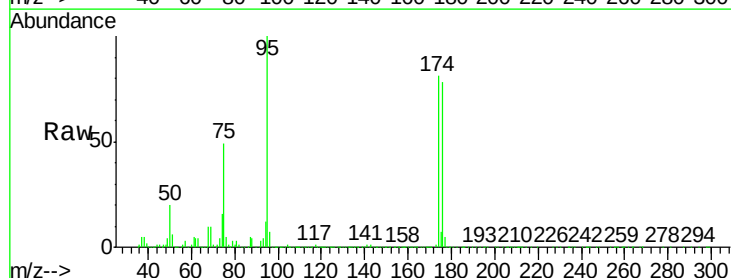
Tgt Ion: 95 Resp: 280209

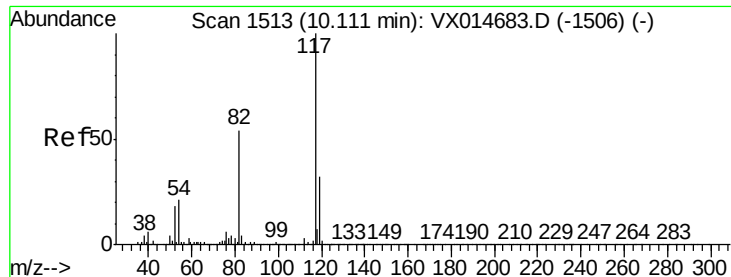
Ion Ratio Lower Upper

95 100

174 88.9 0.0 176.0

176 85.9 0.0 172.2





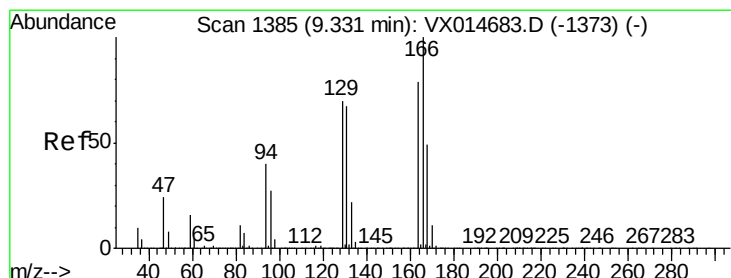
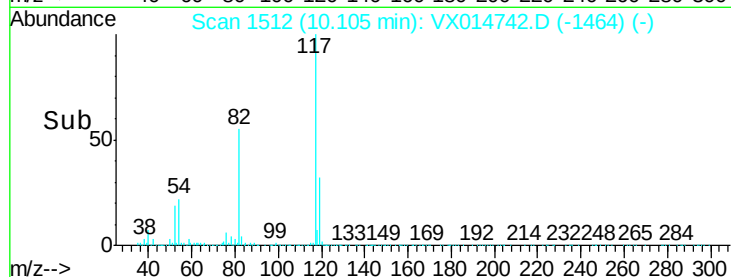
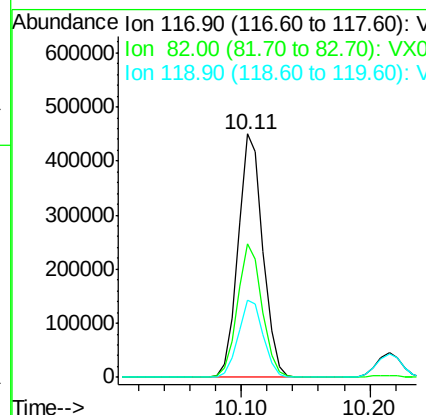
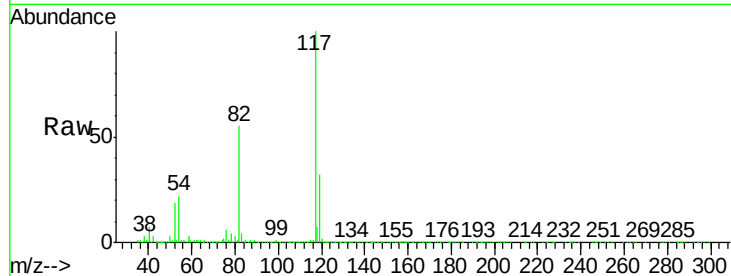
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	600318		
82	55.0		43.2	64.8
119	31.6		25.8	38.6

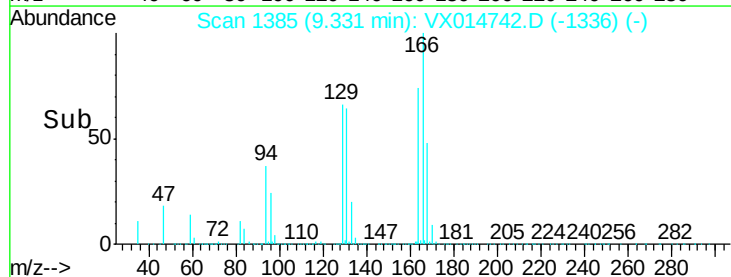
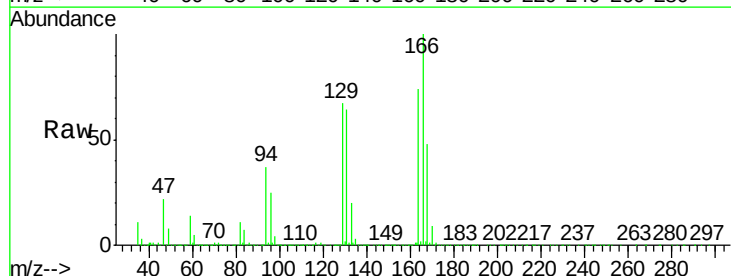
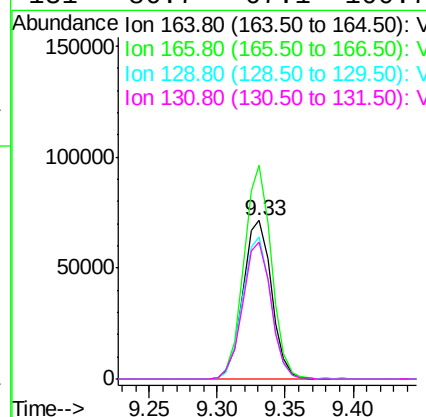
Manual Integrations
APPROVED

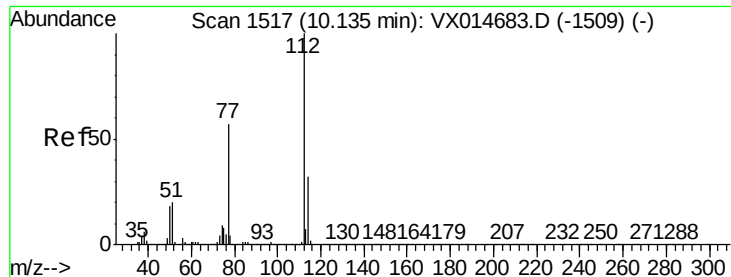
MMDadoda
1/29/2020 10:55:41 AM



#64
Tetrachloroethene
Concen: 17.592 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	104538		
166	134.8		100.9	151.3
129	89.7		71.0	106.6
131	86.7		67.1	100.7





#65

Chlorobenzene

Concen: 18.944 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion:112 Resp: 243245

Ion Ratio Lower Upper

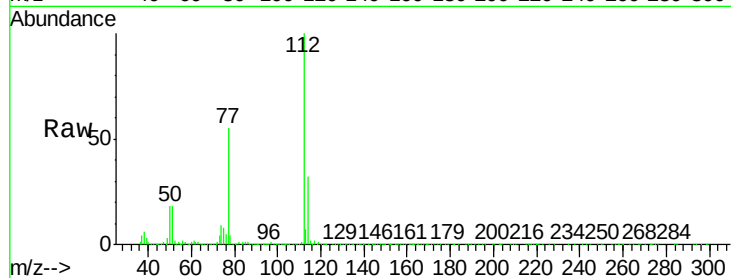
112 100

114 31.9 25.8 38.8

Manual Integrations
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MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

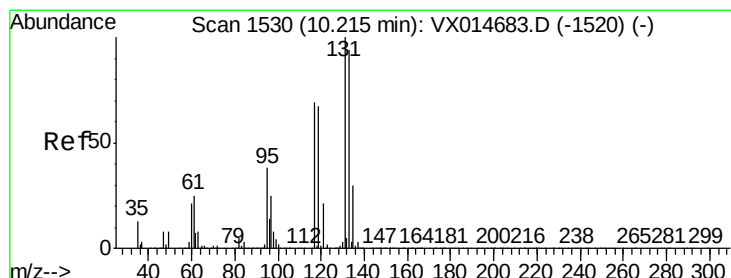
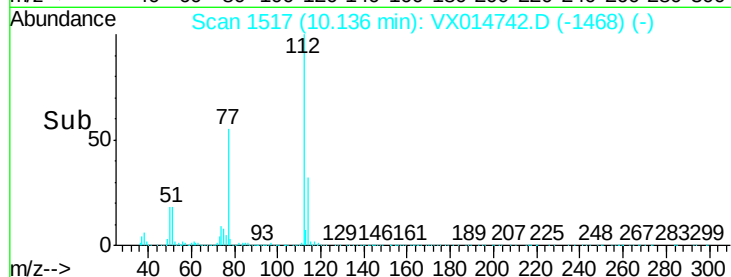
100000

50000

0

10.05 10.10 10.15 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.885 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

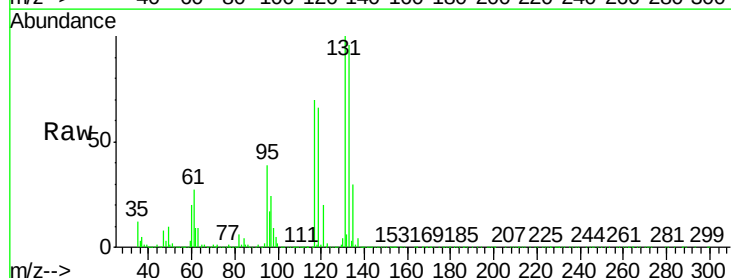
Tgt Ion:131 Resp: 89407

Ion Ratio Lower Upper

131 100

133 96.6 47.4 142.3

119 66.5 33.3 99.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

80000

60000

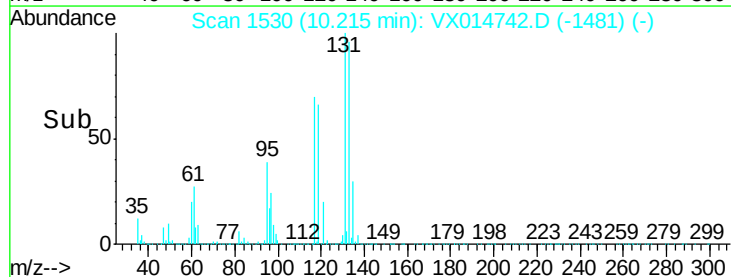
40000

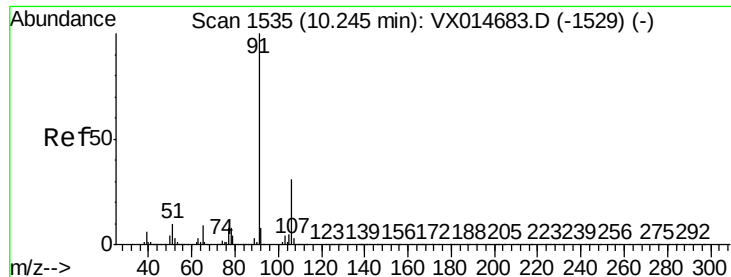
20000

0

10.15 10.20 10.25

Time-->





#67

Ethyl Benzene

Concen: 19.433 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion: 91 Resp: 426058

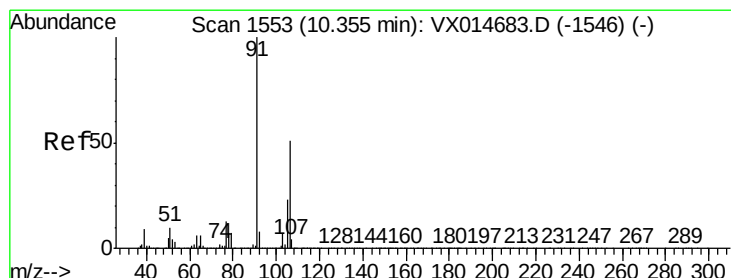
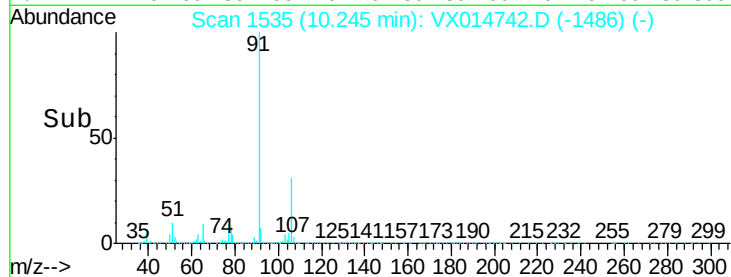
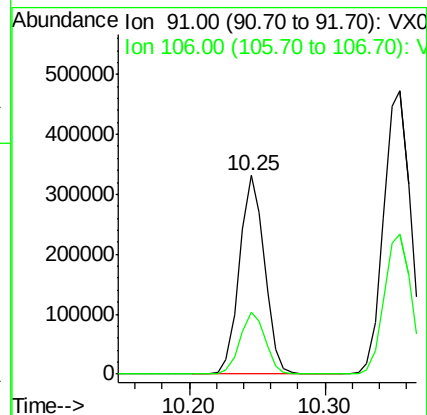
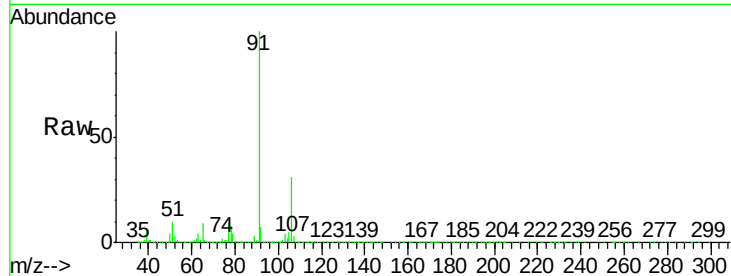
Ion Ratio Lower Upper

91 100

106 31.0 24.9 37.3

Manual Integrations
APPROVED

MMDadoda
1/29/2020 10:55:41 AM



#68

m/p-Xylenes

Concen: 38.833 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014742.D

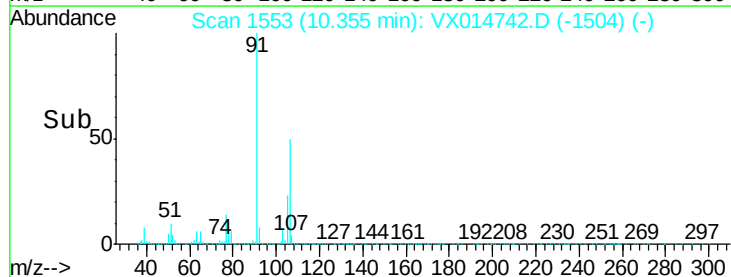
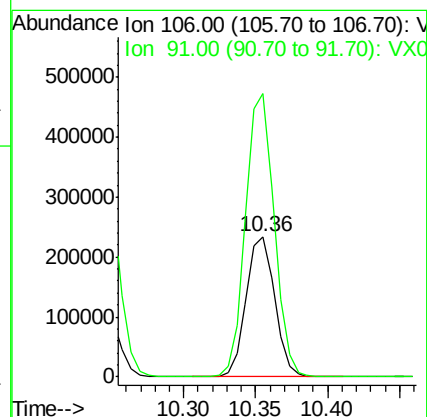
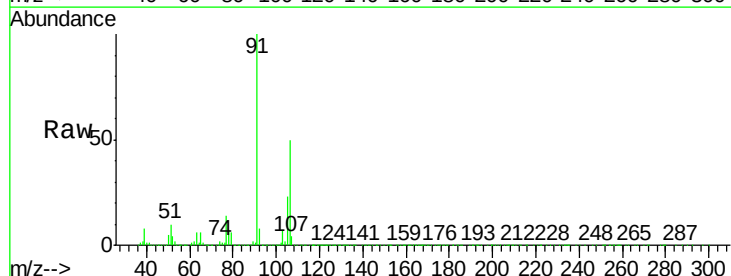
Acq: 28 Jan 2020 11:21

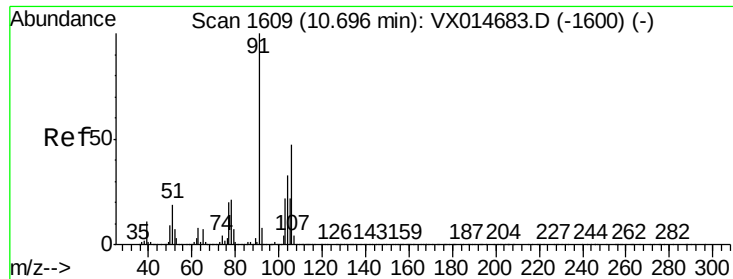
Tgt Ion: 106 Resp: 322551

Ion Ratio Lower Upper

106 100

91 201.9 159.4 239.2





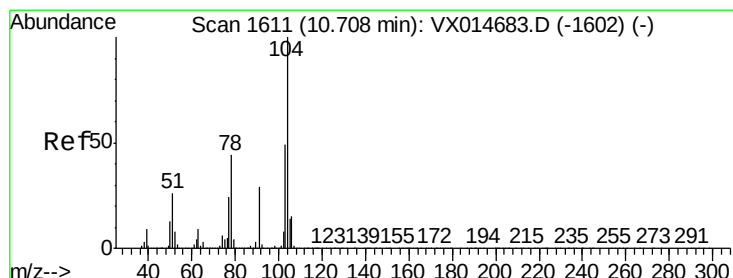
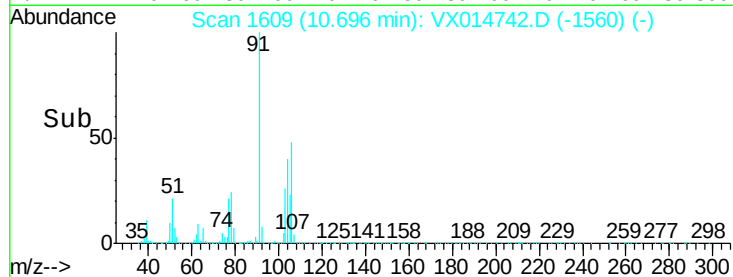
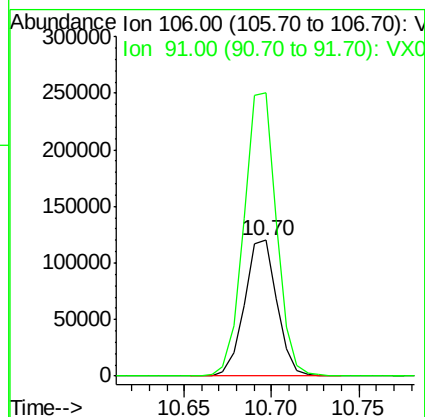
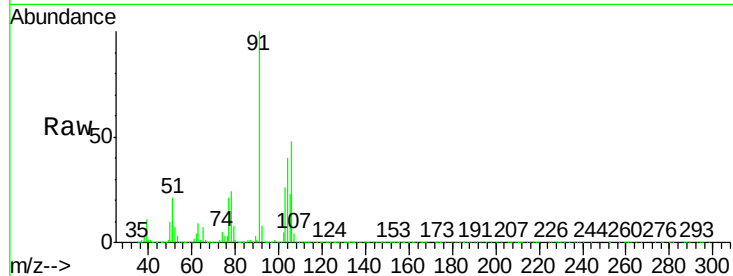
#69
o-Xylene
Concen: 19.286 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Instrument :
MSVOA_X
ClientSampled :
VX0128WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.6	106.2	318.6

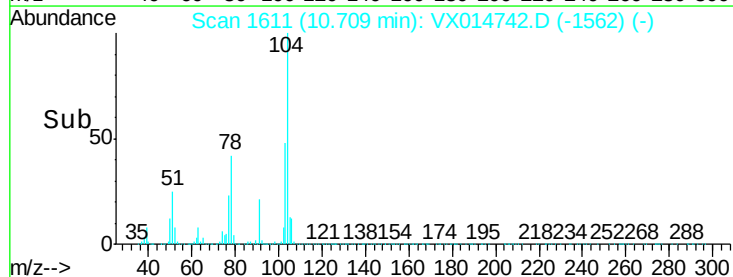
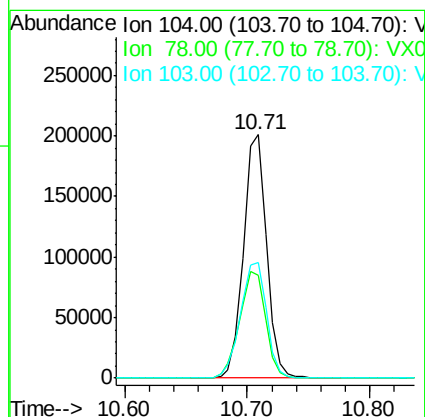
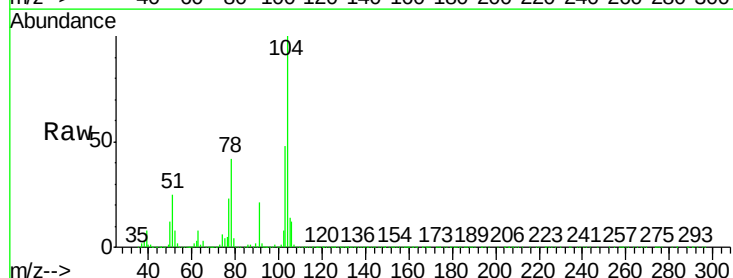
Manual Integrations
APPROVED

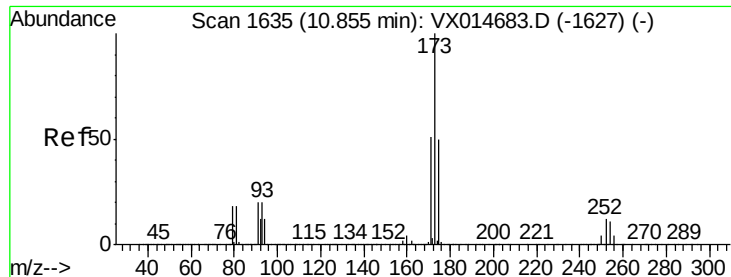
MMDadoda
1/29/2020 10:55:41 AM



#70
Styrene
Concen: 19.637 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.9	39.3	58.9
103	53.9	43.5	65.3





#71

Bromoform

Concen: 18.215 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion:173 Resp: 68578

Ion Ratio Lower Upper

173 100

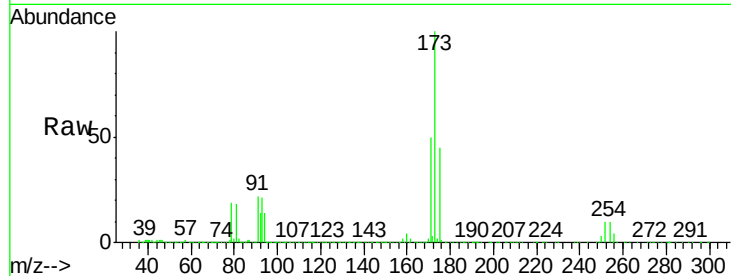
175 48.2 24.6 73.6

254 0.4 0.1 0.1#

Manual Integrations
APPROVED

MMDadoda

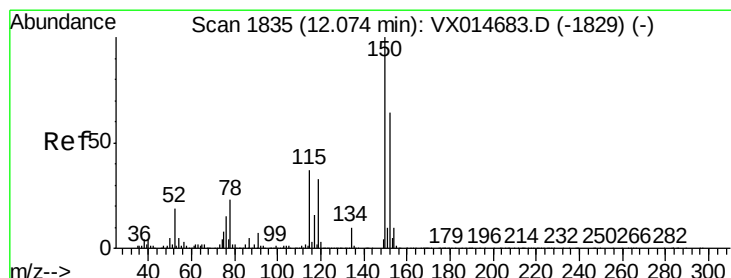
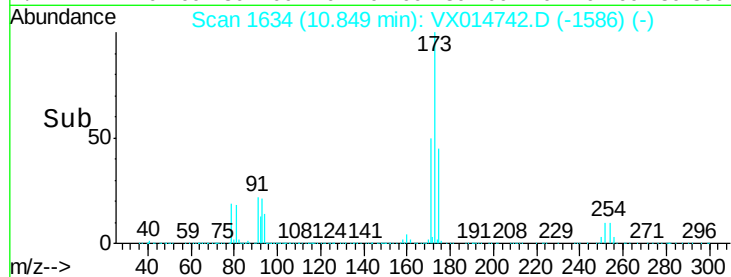
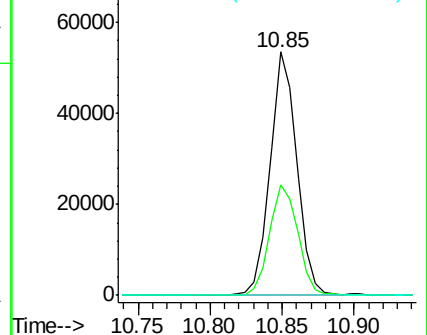
1/29/2020 10:55:41 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

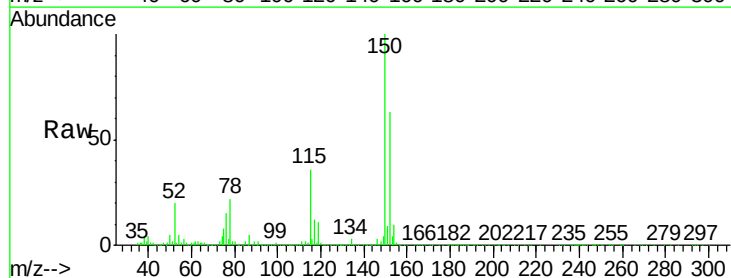
Tgt Ion:152 Resp: 305142

Ion Ratio Lower Upper

152 100

115 63.6 39.4 118.1

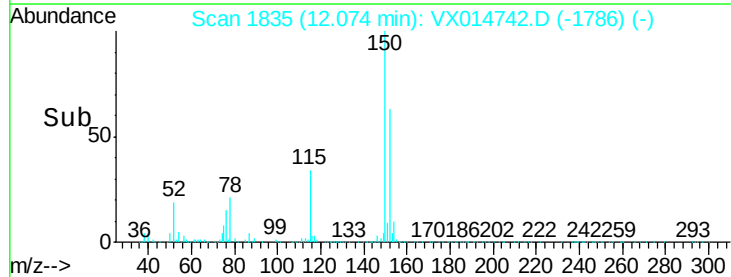
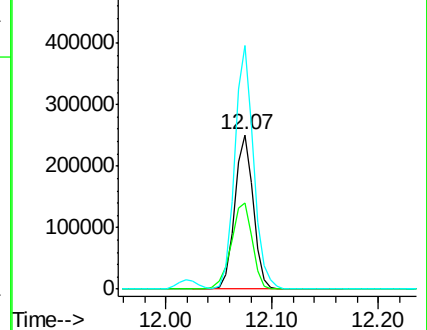
150 160.5 0.0 351.2

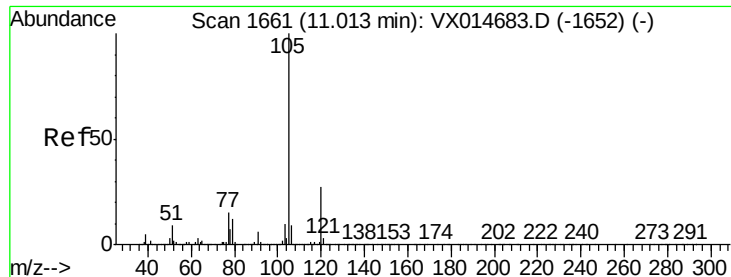


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.026 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion: 105 Resp: 408210

Ion Ratio Lower Upper

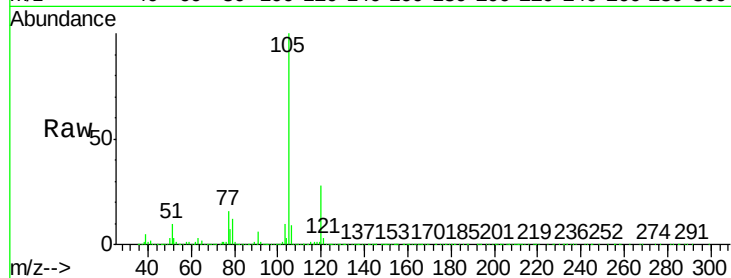
105 100

120 27.5 13.5 40.5

Manual Integrations
APPROVED

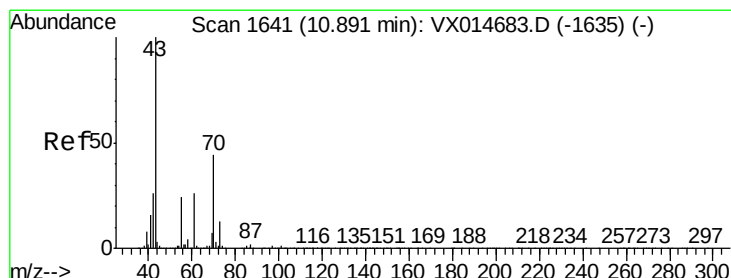
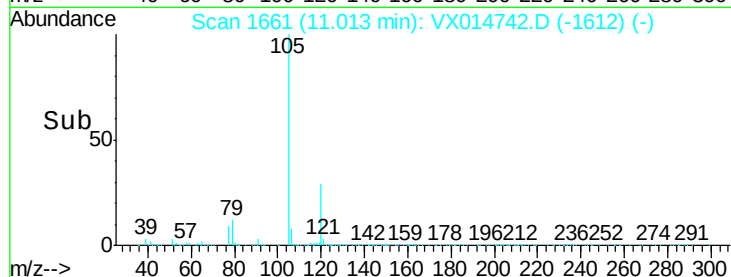
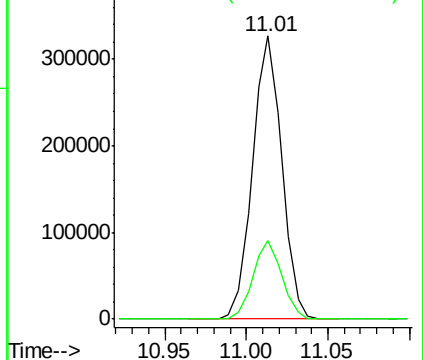
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.380 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Tgt Ion: 43 Resp: 172813

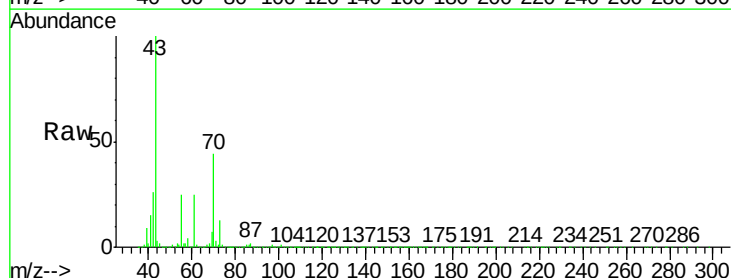
Ion Ratio Lower Upper

43 100

70 42.6 34.6 52.0

55 25.5 19.4 29.2

61 24.1 19.8 29.6

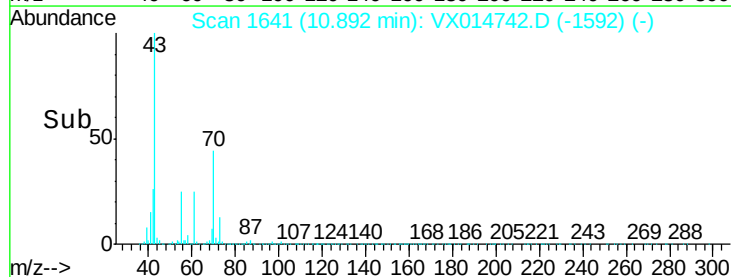
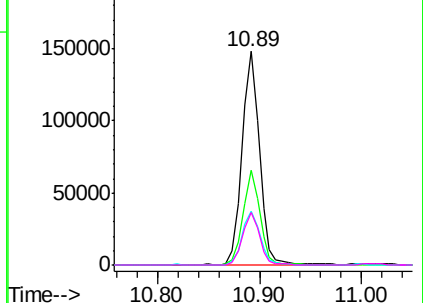


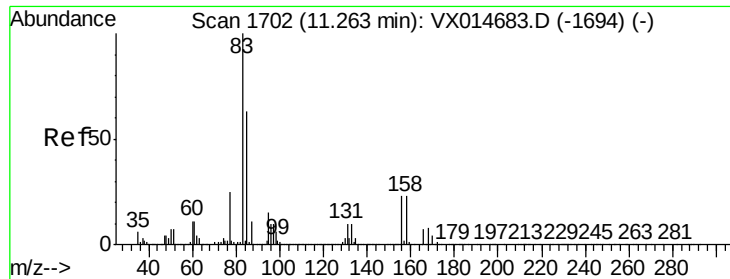
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.979 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

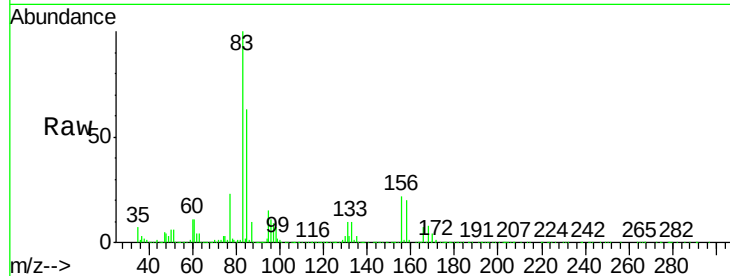
ClientSampleId :

VX0128WBS01

Tot Ion:	83	Resp:	137728
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.0	15.0
85	63.5	31.7	95.1

Manual Integrations
APPROVED

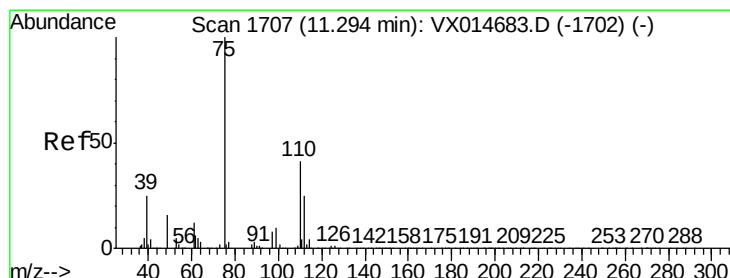
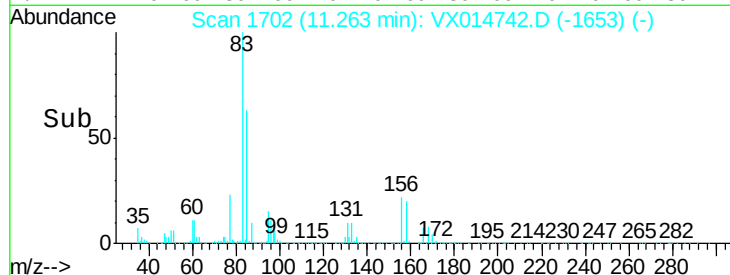
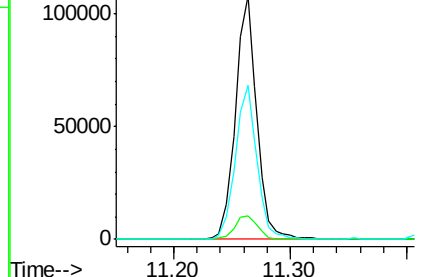
MMDadoda
1/29/2020 10:55:41 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 16.102 ug/l m

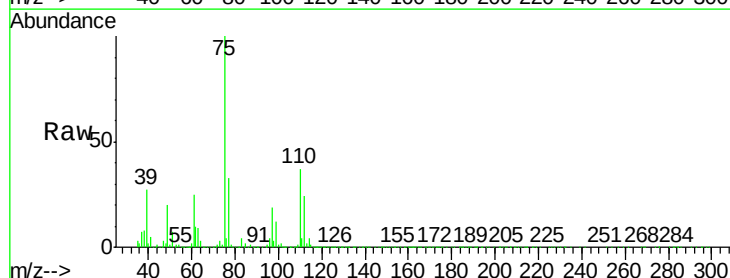
RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014742.D

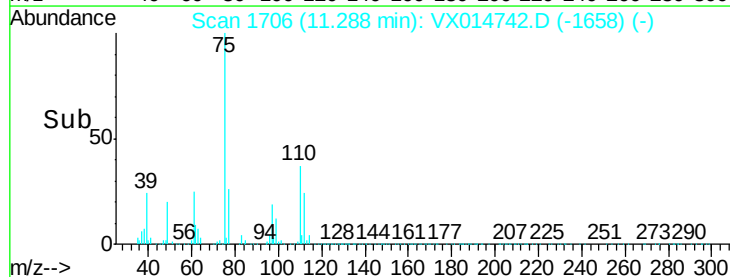
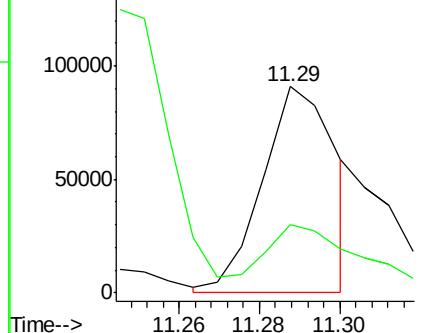
Acq: 28 Jan 2020 11:21

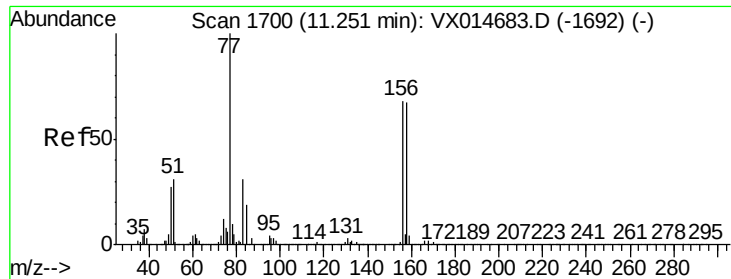
Tgt Ion:	75	Resp:	114316
Ion Ratio	Lower	Upper	
75	100		
77	44.3	18.7	56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.938 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

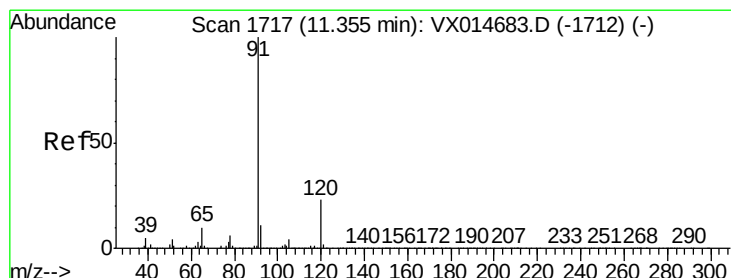
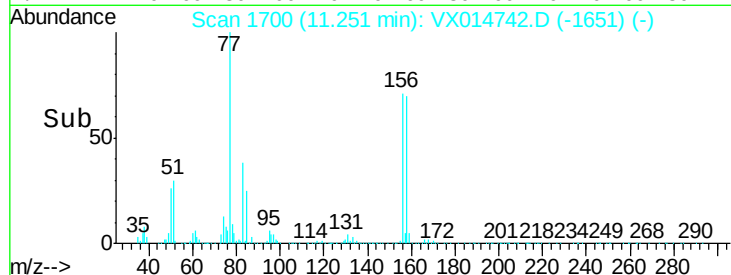
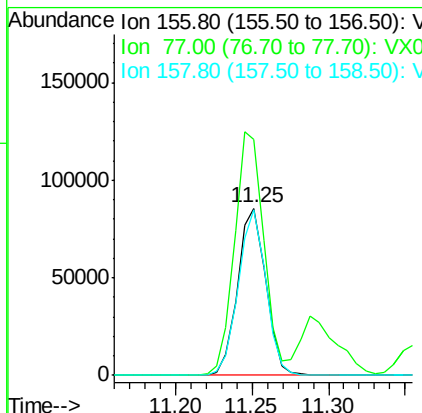
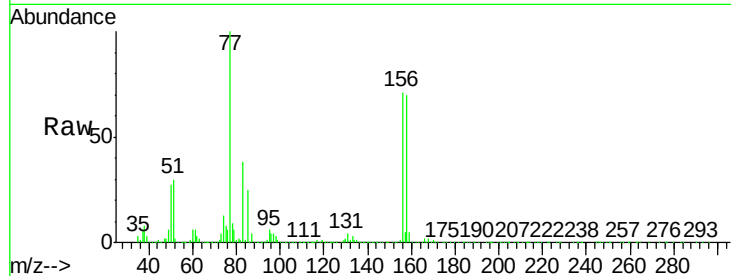
ClientSampleId :

VX0128WBS01

Tot Ion:	156	Resp:	109161
Ion Ratio	Lower	Upper	
156	100		
77	150.7	77.5	232.5
158	97.6	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 19.658 ug/l

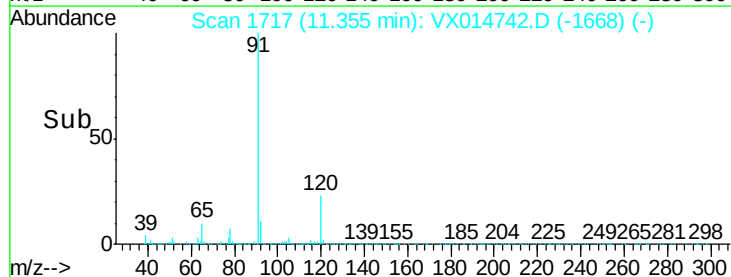
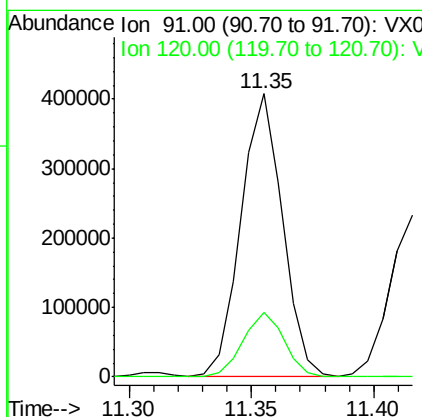
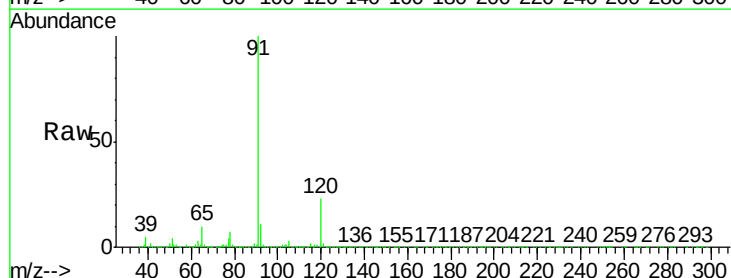
RT: 11.35 min Scan# 1717

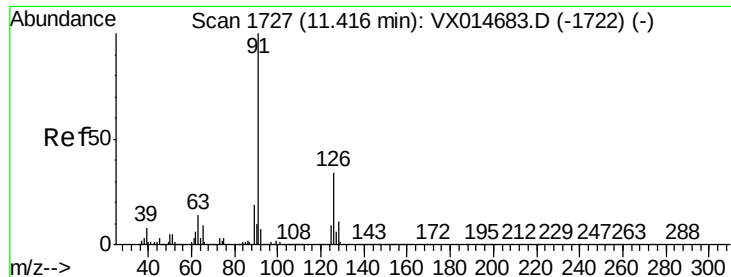
Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Tgt Ion:	91	Resp:	478763
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.7	35.0





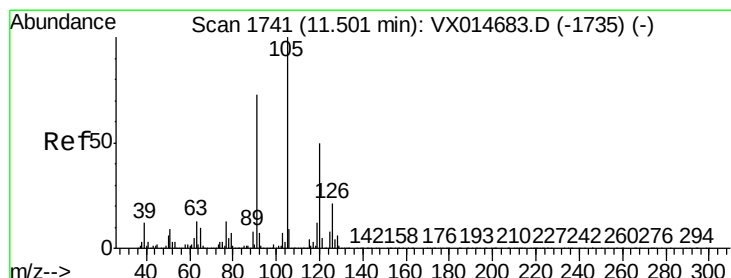
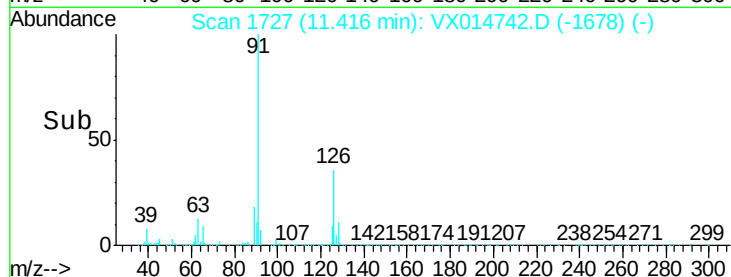
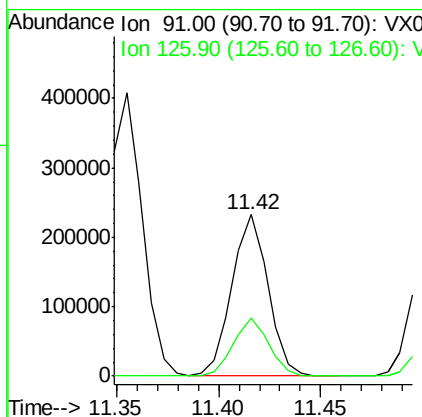
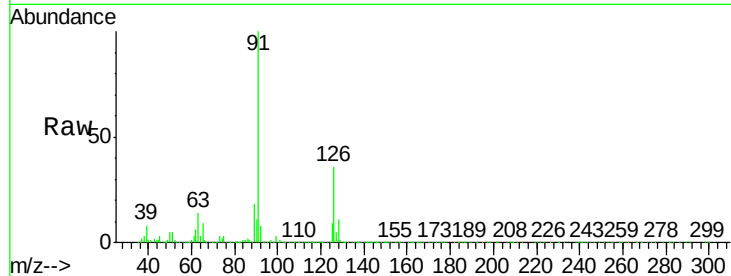
#79
 2-Chlorotoluene
 Concen: 19.231 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.3	51.9

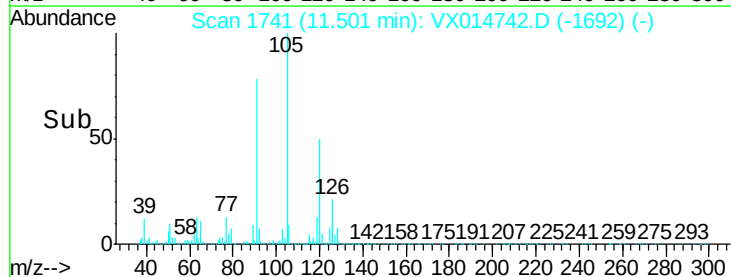
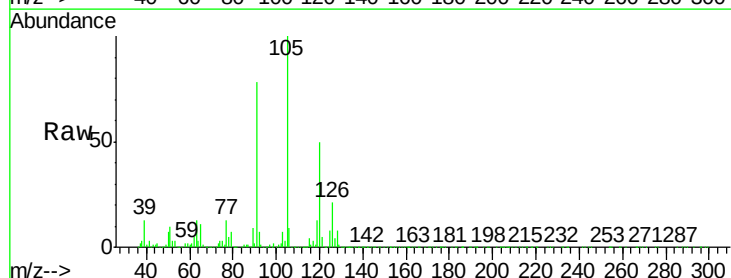
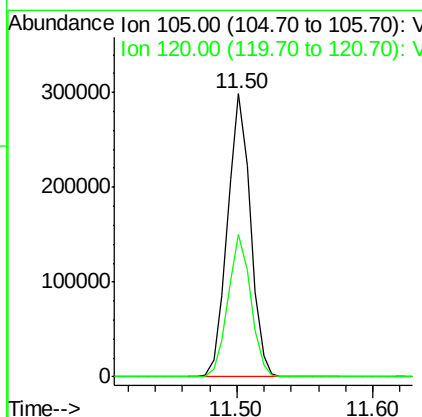
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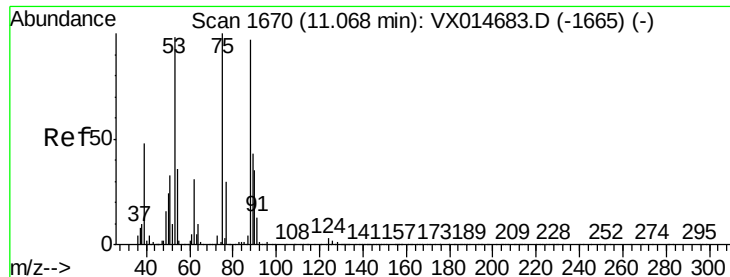
MMDadoda
 1/29/2020 10:55:41 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.531 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.3	24.9	74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.486 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

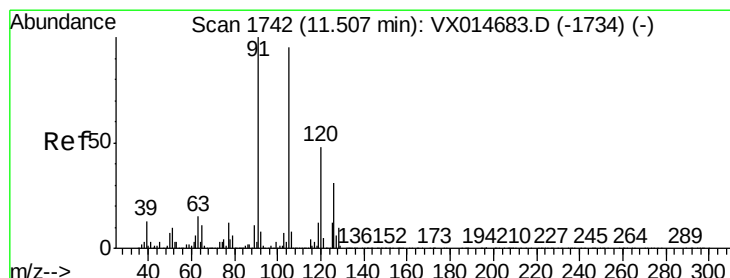
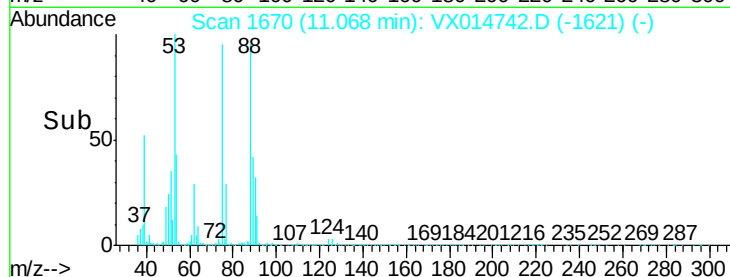
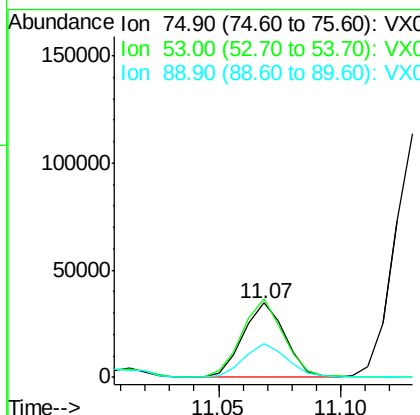
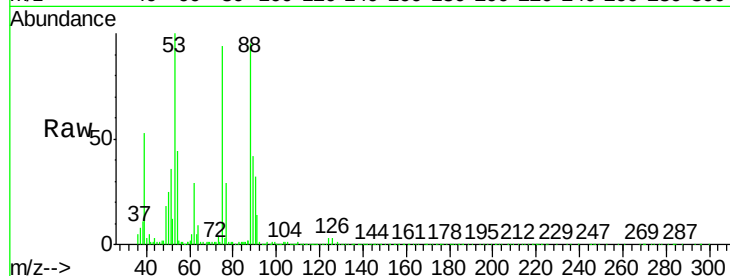
ClientSampled :

VX0128WBS01

Tot Ion:	75	Resp:	41127
Ion Ratio	Lower	Upper	
75	100		
53	105.0	78.8	118.2
89	47.6	35.4	53.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.521 ug/l

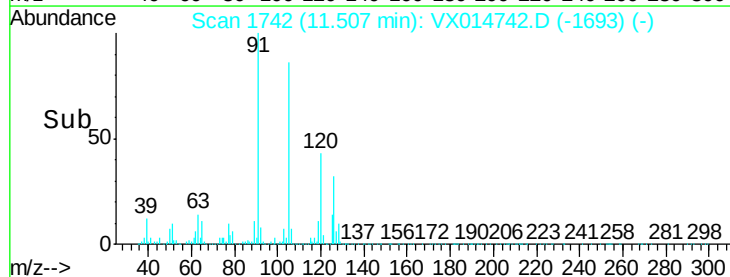
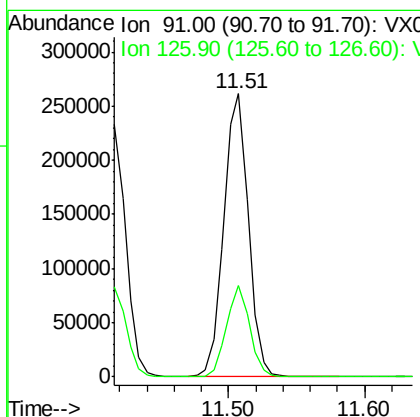
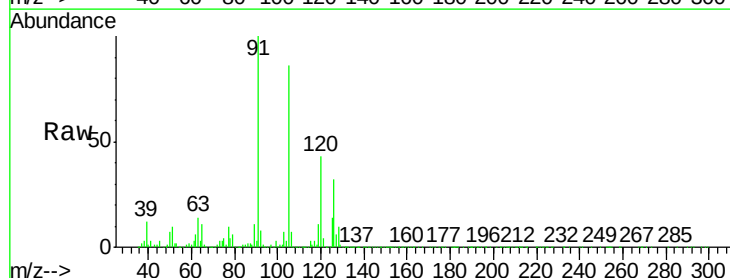
RT: 11.51 min Scan# 1742

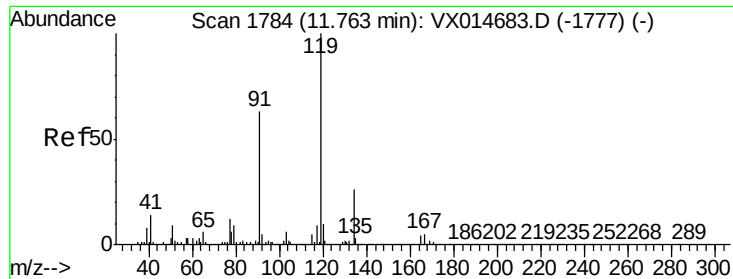
Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Tgt Ion:	91	Resp:	327487
Ion Ratio	Lower	Upper	
91	100		
126	30.2	15.4	46.4





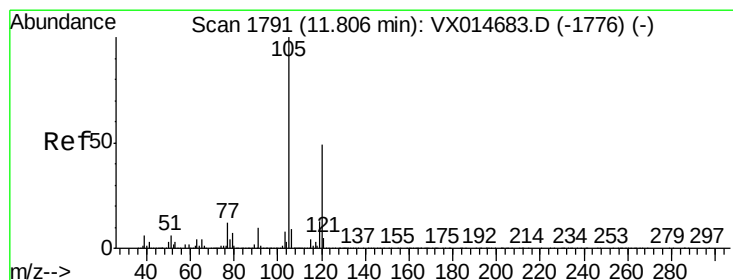
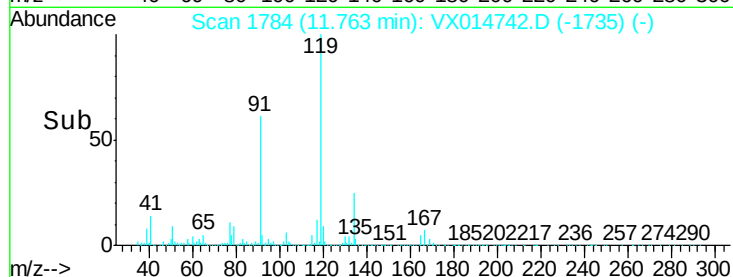
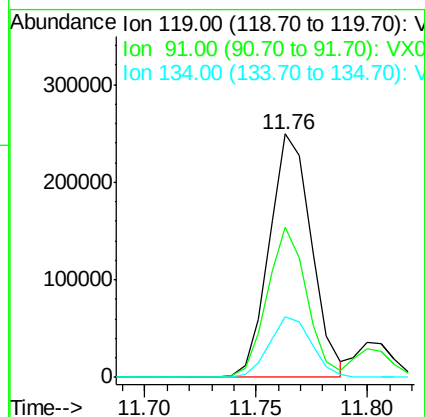
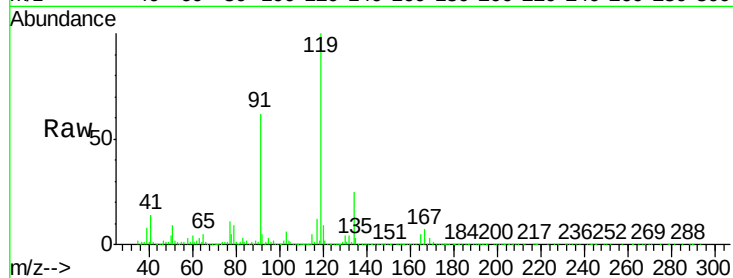
#83
tert-Butylbenzene
Concen: 19.531 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	326823		
91	57.8	30.0	90.0	
134	24.9	12.7	38.0	

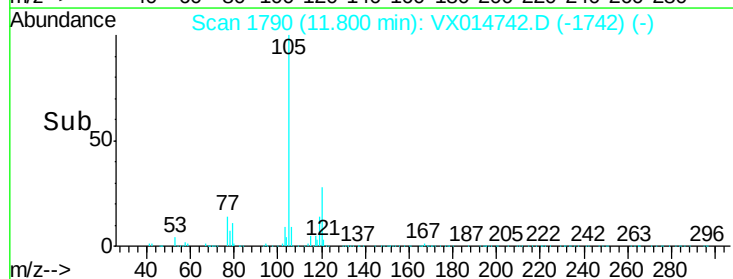
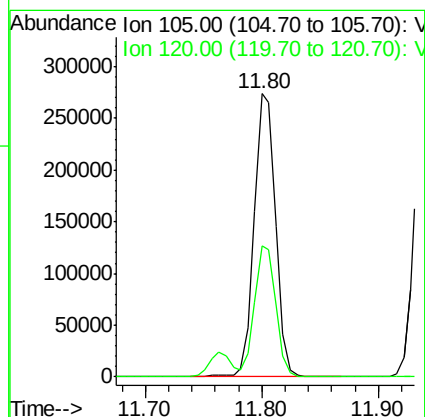
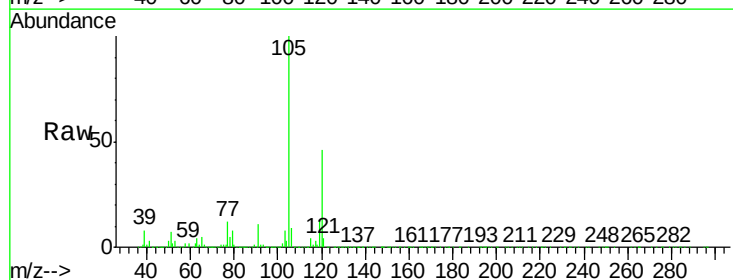
Manual Integrations
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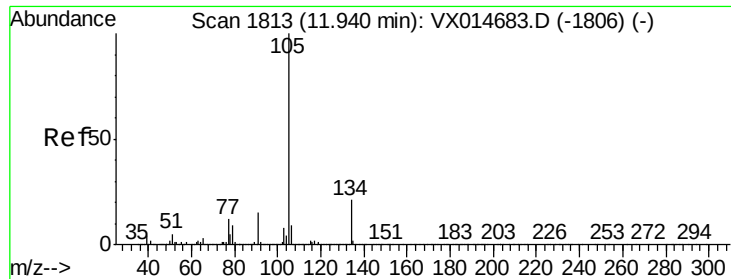
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#84
1,2,4-Trimethylbenzene
Concen: 19.619 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	350420		
120	45.8	23.4	70.0	





#85

sec-Butylbenzene

Concen: 19.851 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0128WBS01

Tot Ion:105 Resp: 406924

Ion Ratio Lower Upper

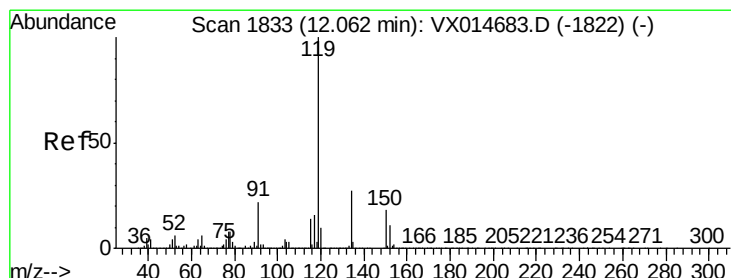
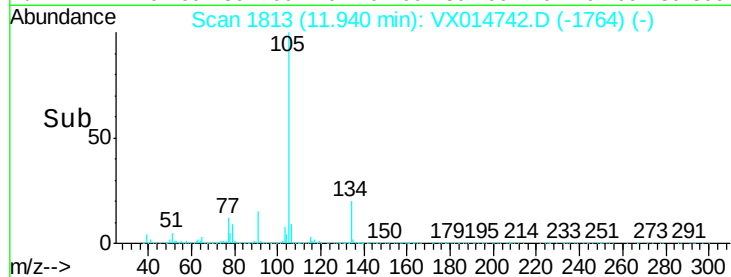
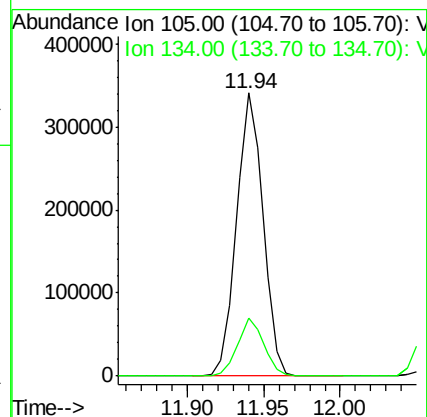
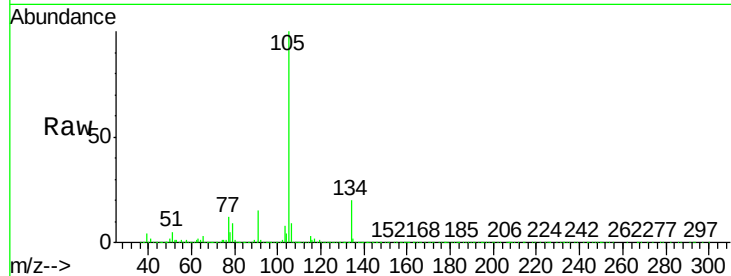
105 100

134 20.3 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 19.644 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014742.D

Acq: 28 Jan 2020 11:21

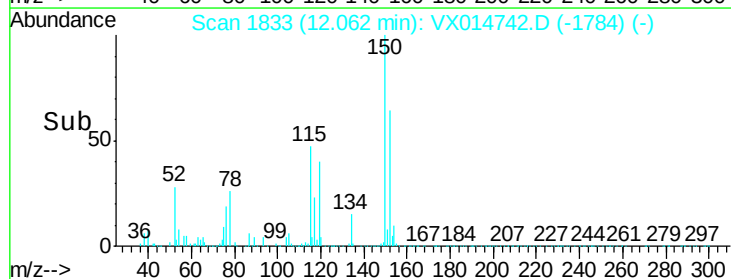
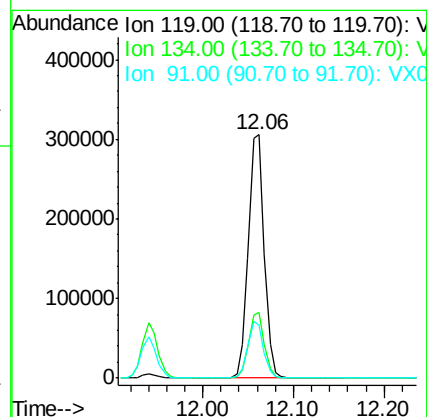
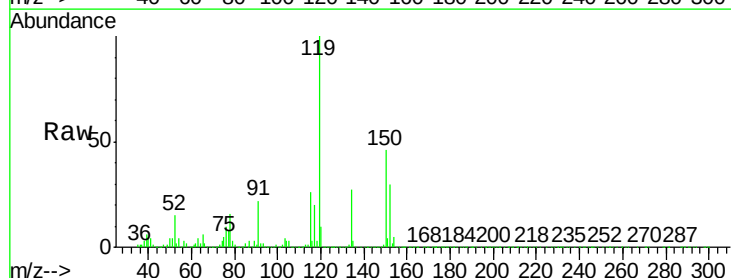
Tgt Ion:119 Resp: 372141

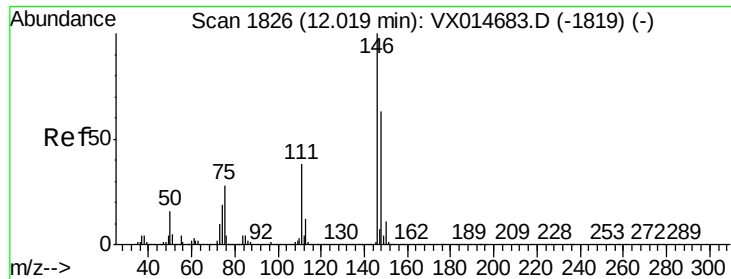
Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

91 22.7 11.3 33.8





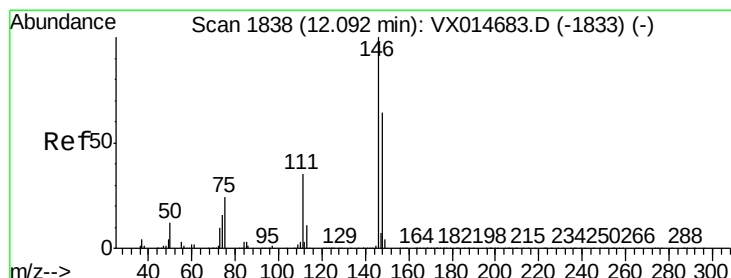
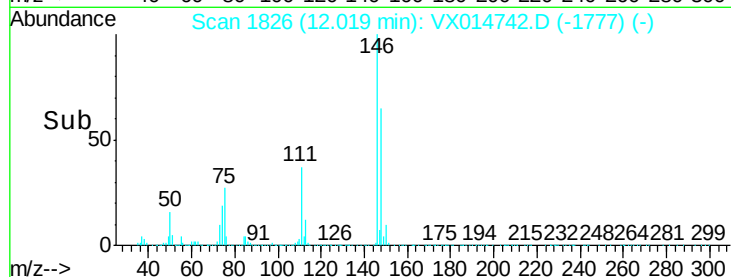
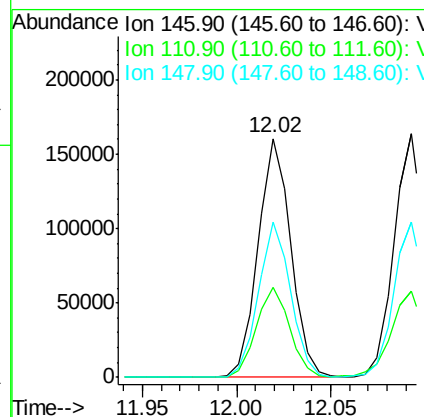
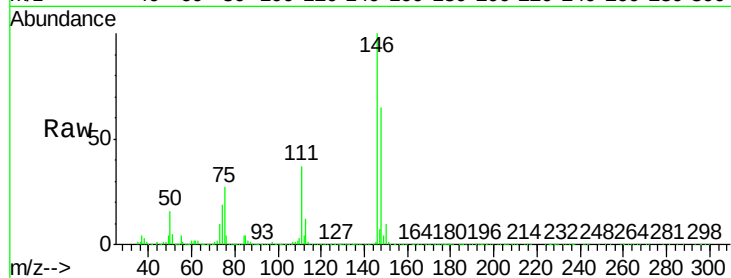
#87
 1,3-Dichlorobenzene
 Concen: 18.674 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	193437		
111	38.5	19.0	57.0	
148	64.3	31.6	95.0	

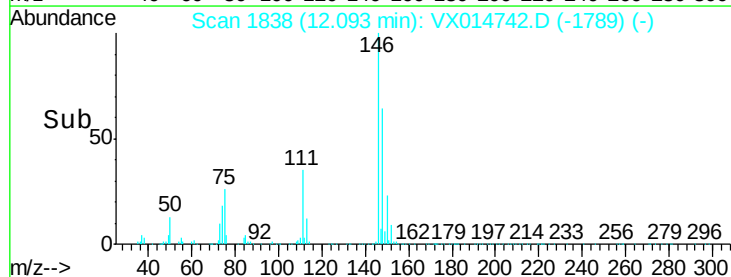
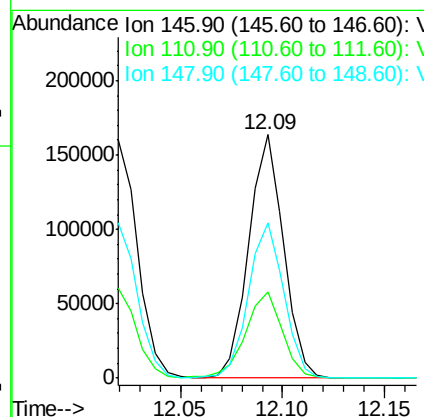
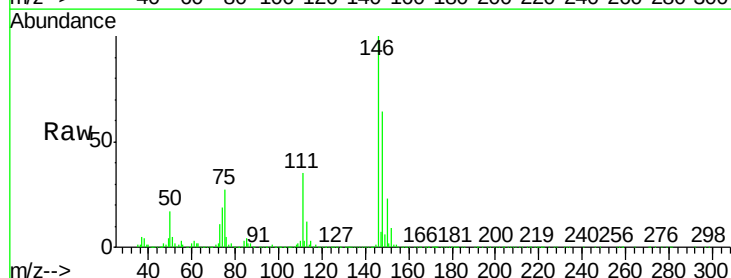
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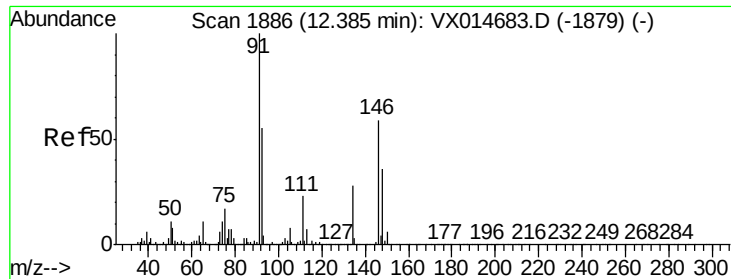
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#88
 1,4-Dichlorobenzene
 Concen: 18.635 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	193369		
111	37.5	18.6	55.8	
148	64.5	32.0	96.2	





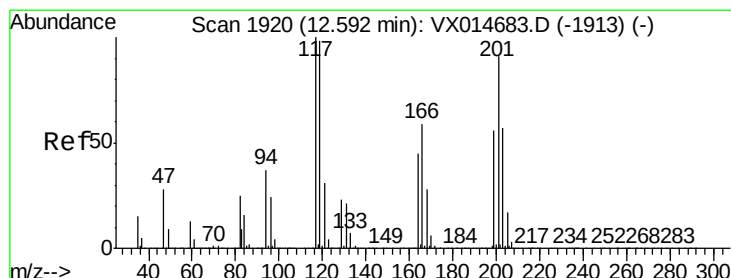
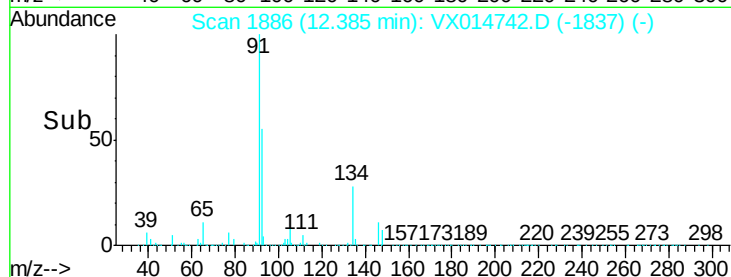
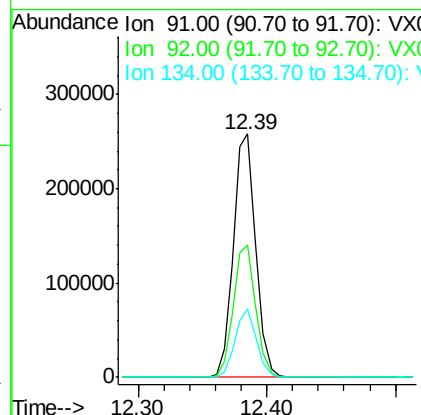
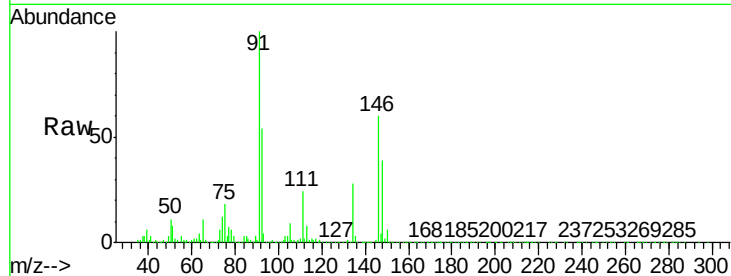
#89
n-Butylbenzene
Concen: 19.049 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.1	27.6	82.7	
134	26.8	13.3	39.8	

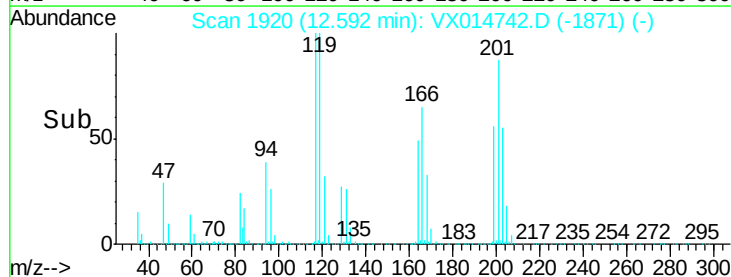
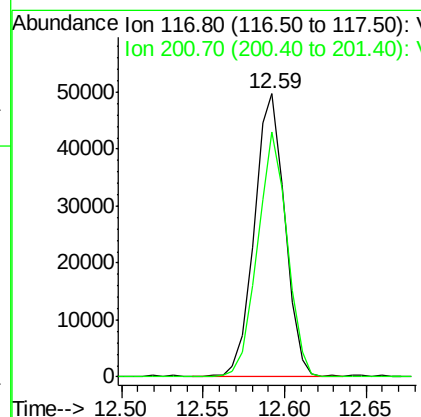
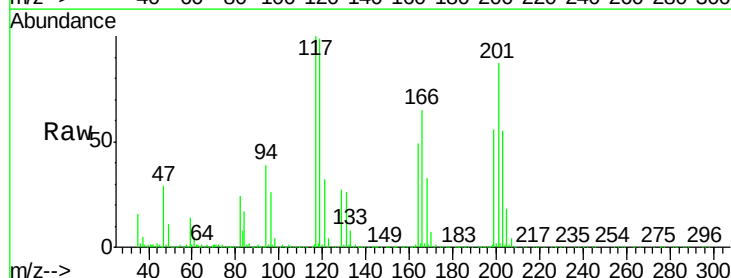
Manual Integrations
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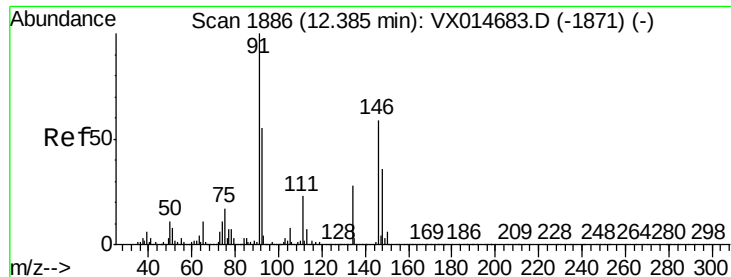
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#90
Hexachloroethane
Concen: 18.342 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	84.8	44.4	133.1	





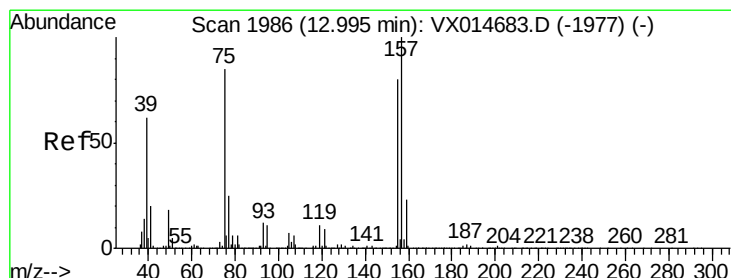
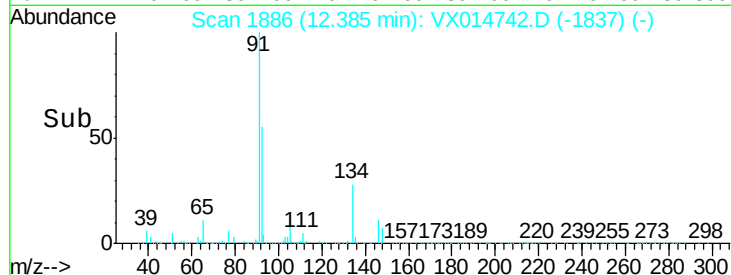
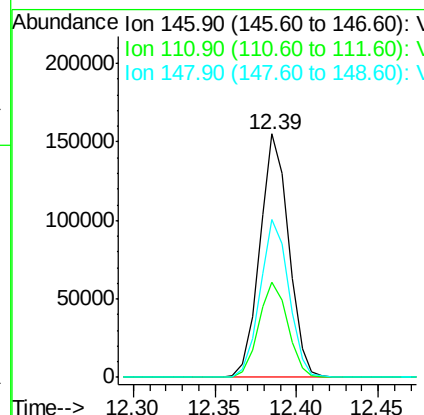
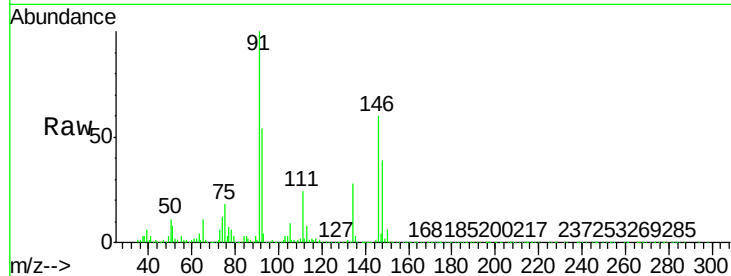
#91
 1,2-Dichlorobenzene
 Concen: 18.554 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0128WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.6	58.8
148	64.9	31.9	95.9

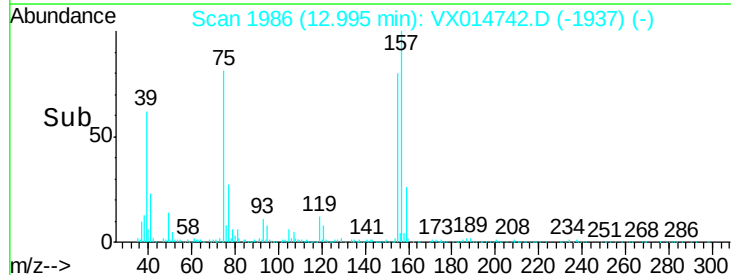
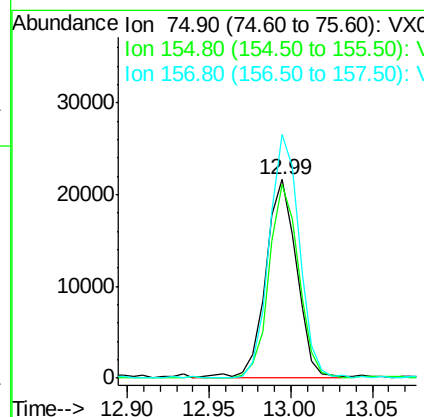
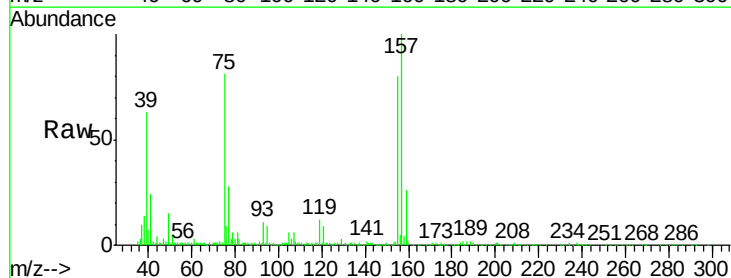
Manual Integrations
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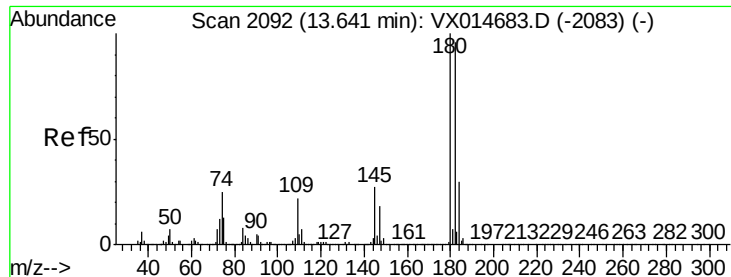
MMDadoda
 1/29/2020 10:55:41 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.310 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014742.D
 Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.7	45.6	136.9
157	119.9	60.3	180.9





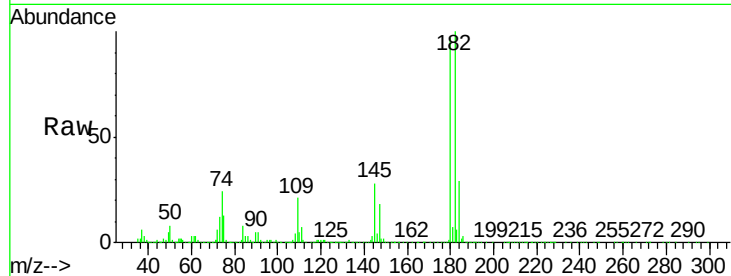
#93
1,2,4-Trichlorobenzene
Concen: 18.833 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

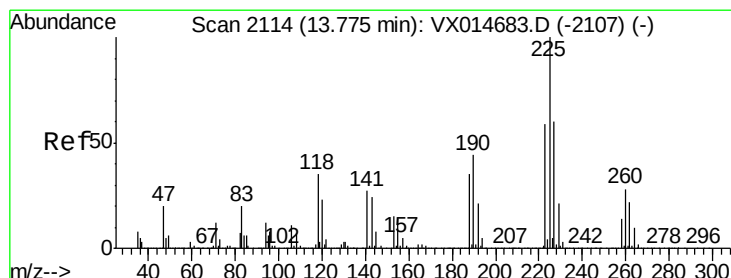
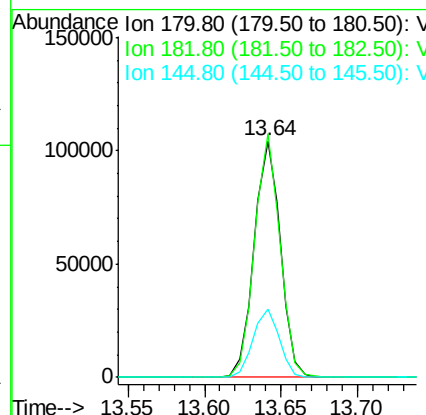
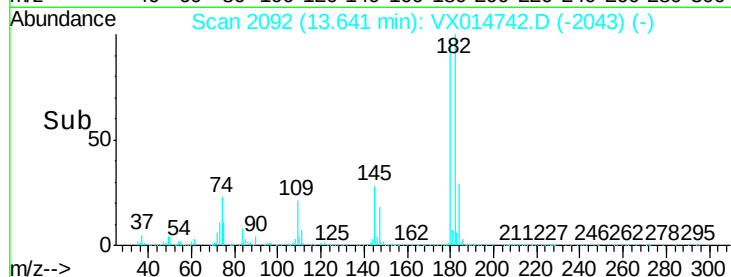
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	99.4	48.5	145.6	
145	29.0	14.0	41.9	

Manual Integrations
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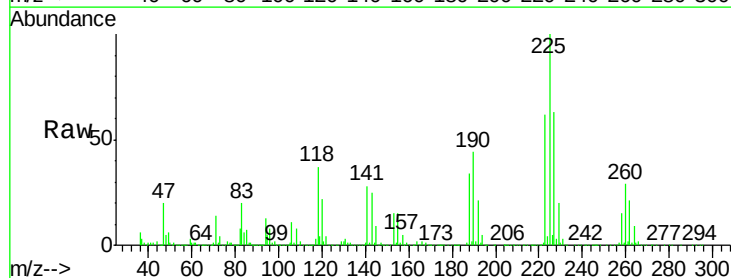


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

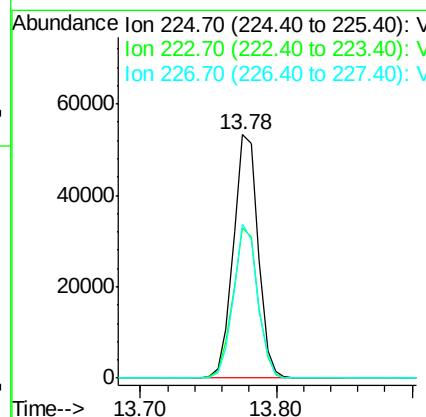
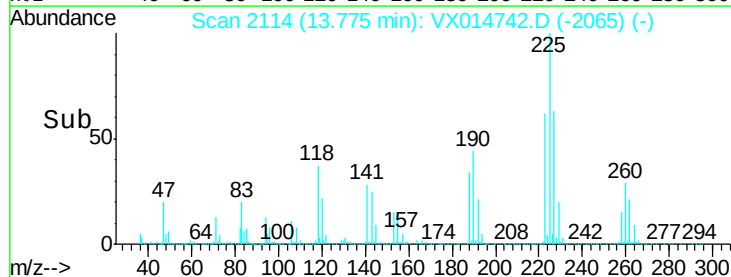


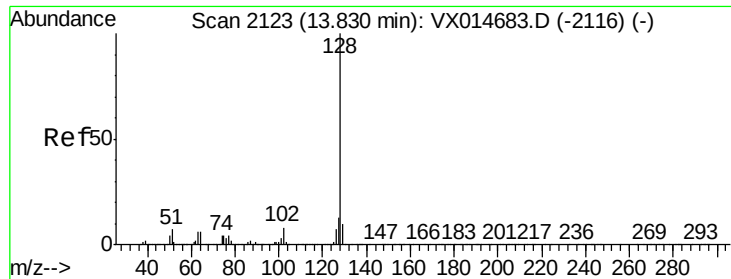
#94
Hexachlorobutadiene
Concen: 19.762 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	30.6	91.8	
227	61.2	31.4	94.0	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





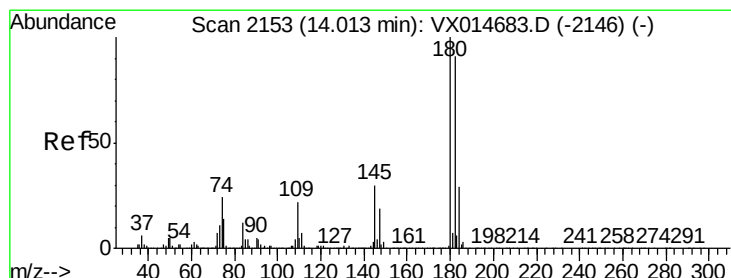
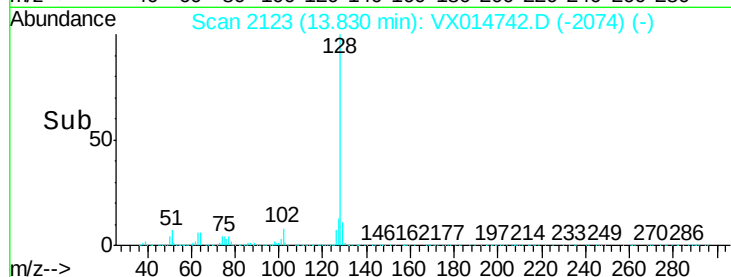
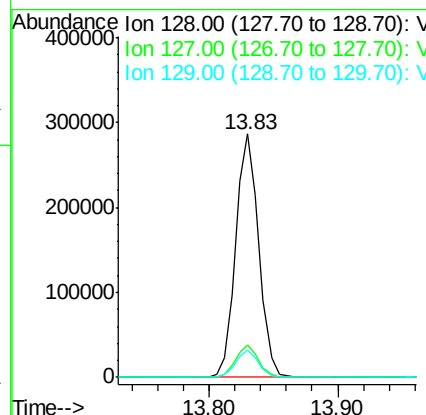
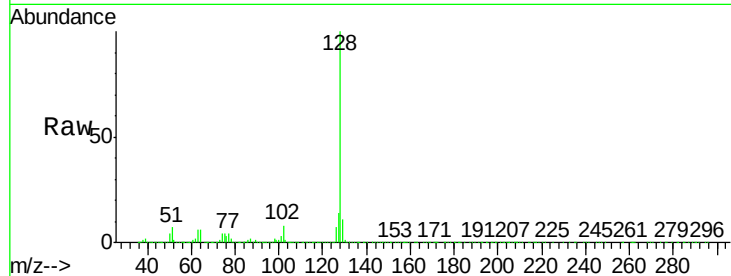
#95
Naphthalene
Concen: 17.405 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0128WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	359047		
127	13.0		10.3	15.5
129	11.2		8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.001 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014742.D
Acq: 28 Jan 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	127440		
182	95.7		46.6	139.7
145	30.3		14.7	44.1

