

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102219\
 Data File : VX013168.D
 Acq On : 22 Oct 2019 09:44
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 10/23/2019 3:10:18 PM

Quant Time: Oct 23 07:47:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	26647	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	151292	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	135931	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	62720	29.90	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.67%
60) 4-Bromofluorobenzene	11.13	95	69713	29.45	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.17%
63) Toluene-d8	8.71	98	184818	30.57	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	36619	19.140	ug/l 95
3) Chloromethane	1.32	50	31146	18.673	ug/l 99
4) Vinyl Chloride	1.40	62	32165	18.652	ug/l 95
5) Bromomethane	1.63	94	19545	21.004	ug/l 91
6) Chloroethane	1.72	64	20623	18.741	ug/l 100
7) Trichlorofluoromethane	1.92	101	53795	19.412	ug/l 94
8) Diethyl Ether	2.18	74	17633	18.642	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	32858	19.412	ug/l 97
10) 1,1-Dichloroethene	2.36	96	30355	18.569	ug/l 95
11) Methyl Iodide	2.50	142	34776	16.518	ug/l 100
12) Methyl Acetate	2.76	43	38835	18.397	ug/l 96
13) Acrolein	2.28	56	22194	70.629	ug/l 99
14) Acrylonitrile	3.13	53	81909	92.782	ug/l 98
15) Acetone	2.43	58	32145	110.520	ug/l 92
16) Carbon Disulfide	2.56	76	77981	17.863	ug/l 99
17) Allyl chloride	2.72	41	47045	18.092	ug/l 95
18) Methylene Chloride	2.85	84	35179	18.586	ug/l 93
19) trans-1,2-Dichloroethene	3.16	96	33149	19.110	ug/l 97
20) Diisopropyl ether	3.84	45	94800	18.850	ug/l 93
21) 1,1-Dichloroethane	3.69	63	57058	18.686	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	37948	19.185	ug/l 98
23) tert-Butyl Alcohol	3.03	59	39400	84.711	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	106024	18.806	ug/l 98
25) Chloroform	5.20	83	61865	19.280	ug/l 99
26) Cyclohexane	5.58	56	50938	19.011	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	44269	18.835	ug/l # 86
30) 2-Butanone	4.66	43	126683	102.756	ug/l 98
31) 2,2-Dichloropropane	4.57	77	50879	18.724	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	54785	19.263	ug/l 98
33) Carbon Tetrachloride	5.78	117	47547	19.451	ug/l 98
34) Benzene	6.13	78	130219	19.245	ug/l 99
35) Methacrylonitrile	5.03	41	24237	19.170	ug/l 96
36) 1,2-Dichloroethane	6.18	62	49504	19.354	ug/l 99
37) Trichloroethene	7.20	130	37466	19.963	ug/l 99
38) Methylcyclohexane	7.46	83	56174	19.598	ug/l 98
39) 1,2-Dichloropropane	7.51	63	31589	19.021	ug/l 95
40) Dibromomethane	7.65	93	23310	19.650	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	46106	19.276	ug/l	99
42) Vinyl Acetate	3.80	43	405312	94.805	ug/l	99
43) Ethyl Acetate	4.81	43	42390	18.851	ug/l	98
44) Isopropyl Acetate	6.43	43	71181	18.835	ug/l	99
45) 1,4-Dioxane	7.73	88	17800	372.436	ug/l	95
46) Methyl methacrylate	7.76	41	34894	18.764	ug/l	93
47) n-amyl Acetate	10.89	43	58361	18.320	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	47741	18.195	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	53237	18.647	ug/l	94
50) 1,1,2-Trichloroethane	9.21	97	34520	19.705	ug/l	98
51) Ethyl methacrylate	9.17	69	51133	18.615	ug/l	99
52) 1,3-Dichloropropane	9.36	76	57358	19.442	ug/l	100
53) Dibromochloromethane	9.57	129	35381	18.723	ug/l	98
54) 1,2-Dibromoethane	9.67	107	35626	19.020	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	109651	98.269	ug/l	99
56) Bromoform	10.85	173	23695	17.674	ug/l	97
58) 4-Methyl-2-Pentanone	8.64	43	217188	94.822	ug/l	99
59) 2-Hexanone	9.48	43	172133	95.891	ug/l	99
61) Tetrachloroethene	9.33	164	37608	20.870	ug/l	95
62) Toluene	8.78	91	143450	19.549	ug/l	99
64) Chlorobenzene	10.13	112	90996	19.340	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	33318	18.904	ug/l	98
66) Ethyl Benzene	10.25	91	162844	19.282	ug/l	99
67) m/p-Xylenes	10.35	106	125254	39.022	ug/l	100
68) o-Xylene	10.70	106	57934	18.907	ug/l	100
69) Styrene	10.71	104	100614	19.081	ug/l	99
70) Isopropylbenzene	11.01	105	163366	19.430	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	48339	18.762	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	47252m	21.116	ug/l	
73) Bromobenzene	11.25	156	39226	19.440	ug/l	97
74) n-propylbenzene	11.35	91	182580	19.784	ug/l	99
75) 2-Chlorotoluene	11.42	91	111127	19.244	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	132649	18.794	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	15238	17.538	ug/l	97
78) 4-Chlorotoluene	11.51	91	126021	19.099	ug/l	95
79) tert-butylbenzene	11.76	119	127378	18.743	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	136449	19.352	ug/l	99
81) sec-Butylbenzene	11.94	105	152354	18.818	ug/l	100
82) p-Isopropyltoluene	12.06	119	146883	19.842	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	70341	19.089	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	68389	18.766	ug/l	98
85) n-Butylbenzene	12.39	91	117513	18.688	ug/l	99
86) Hexachloroethane	12.59	117	23248	17.993	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	68289	19.104	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	11170	17.595	ug/l	93
89) 1,2,4-Trichlorobenzene	13.64	180	43140	19.405	ug/l	96
90) Hexachlorobutadiene	13.78	225	20998	18.603	ug/l	97
91) Naphthalene	13.83	128	135320	18.713	ug/l	98
92) 1,2,3-Trichlorobenzene	14.01	180	43631	19.156	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

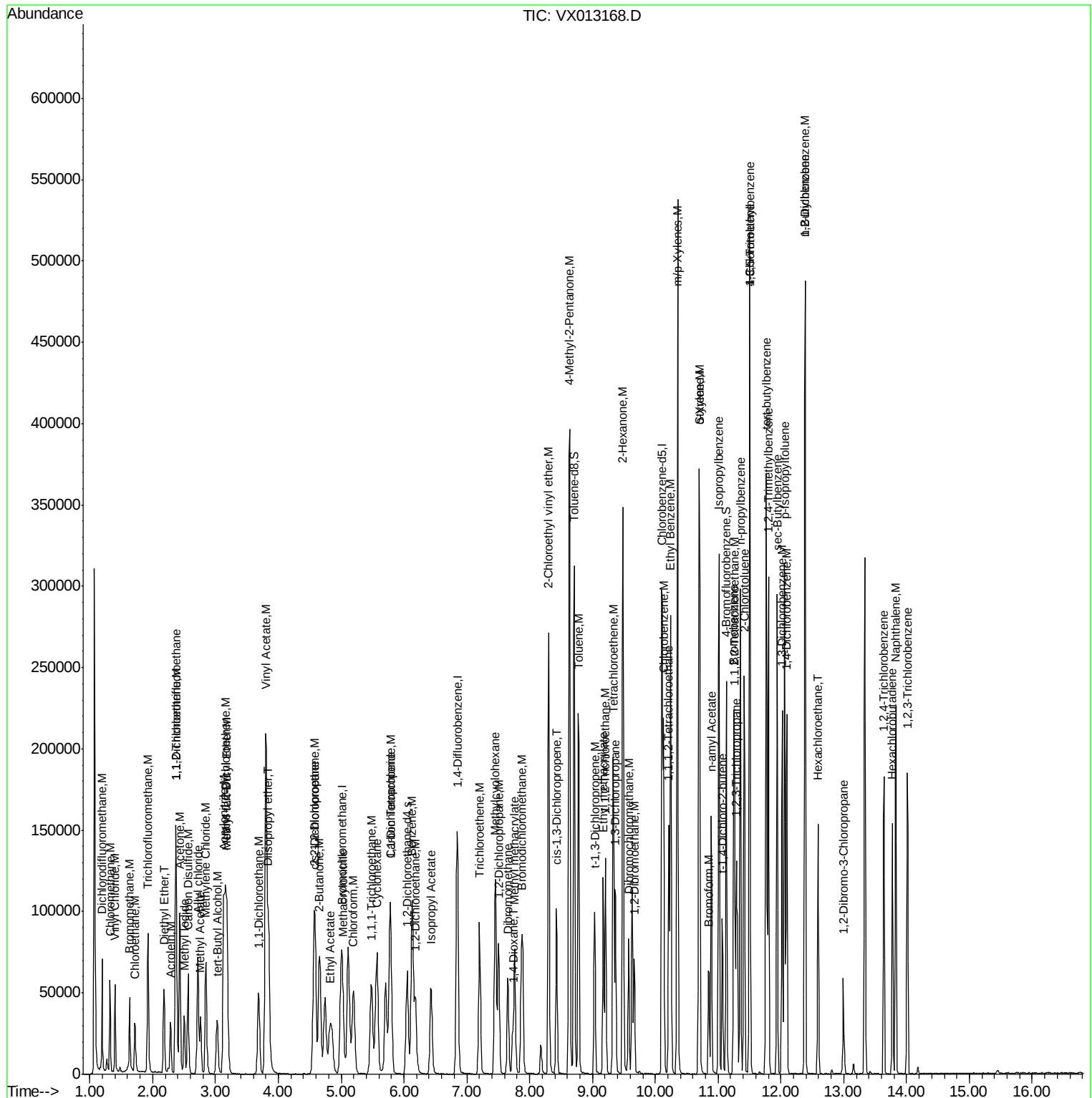
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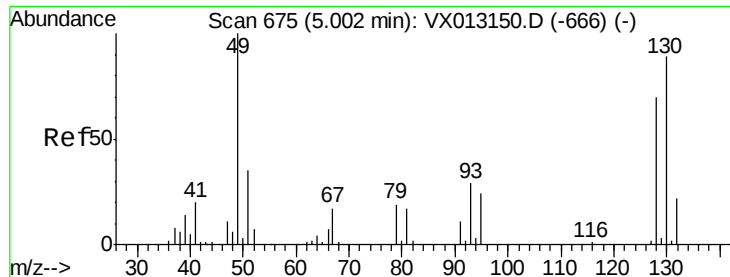
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Manual Integrations

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Quant Time: Oct 23 07:47:08 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

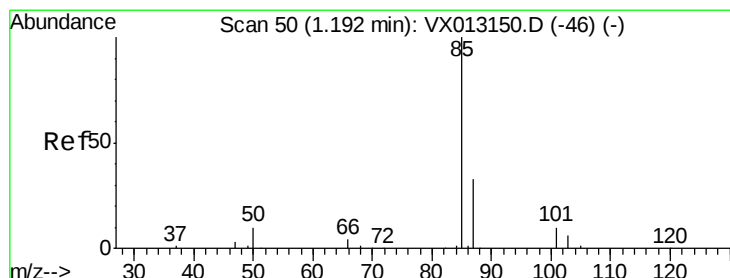
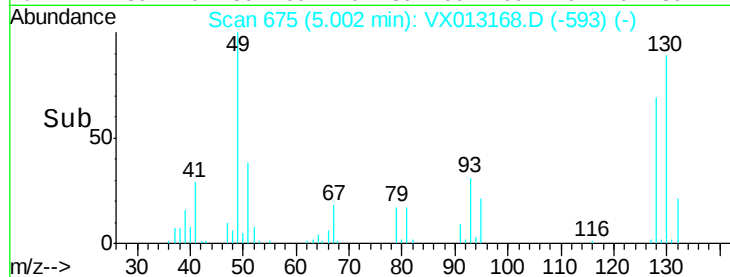
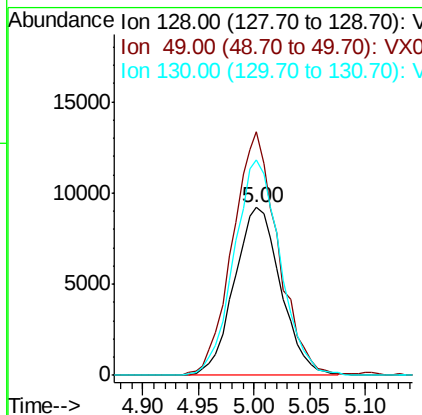
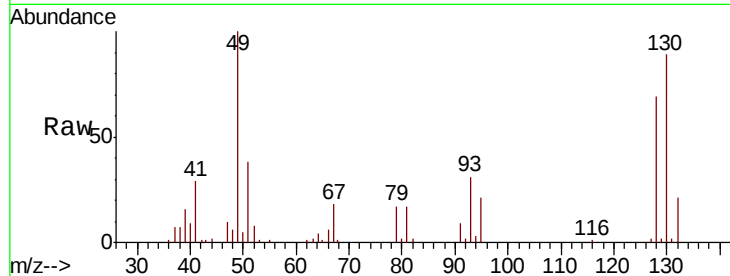
ClientSampleId :

VSTDCCC020

Tot Ion:128 Resp: 26647
 Ion Ratio Lower Upper
 128 100
 49 141.8 0.0 367.3
 130 127.9 0.0 325.0

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 19.140 ug/l

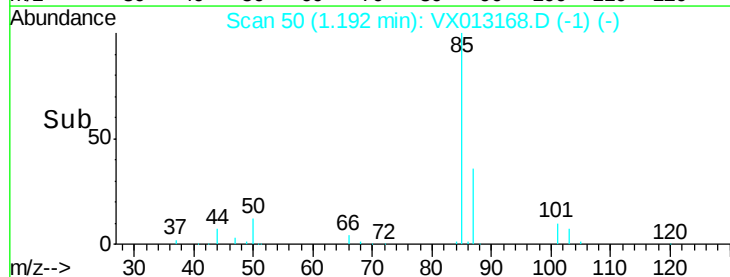
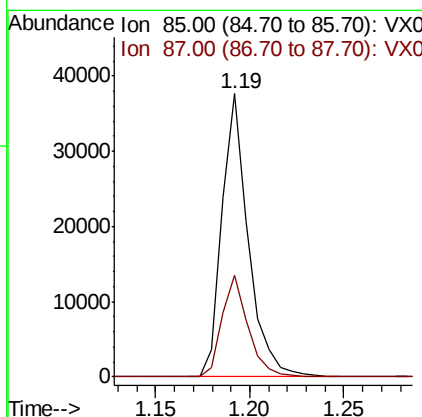
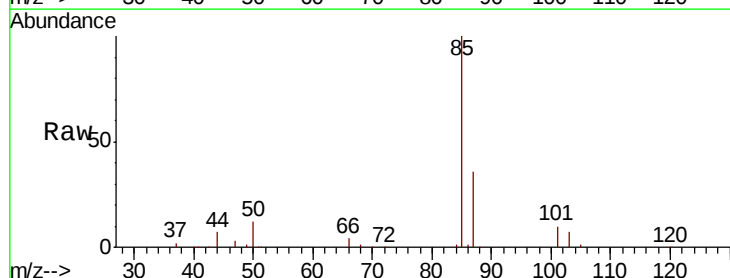
RT: 1.19 min Scan# 50

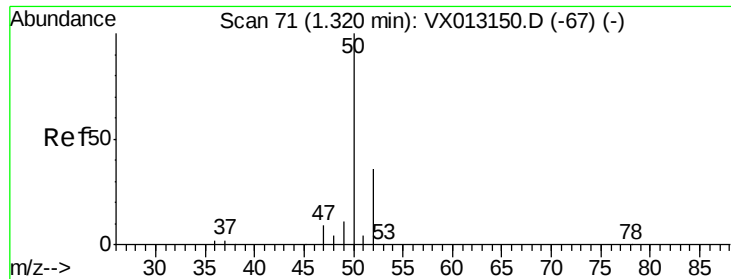
Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Tgt Ion: 85 Resp: 36619
 Ion Ratio Lower Upper
 85 100
 87 35.9 16.6 49.7





#3

Chloromethane

Concen: 18.673 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 31146

Ion Ratio Lower Upper

50 100

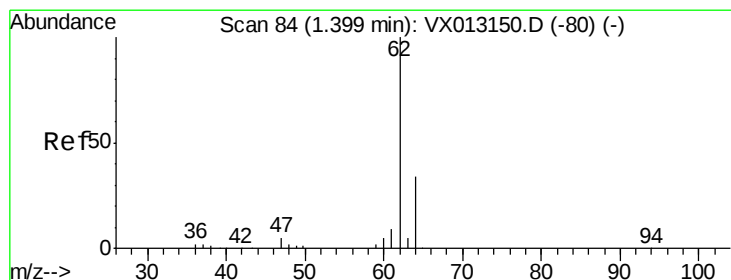
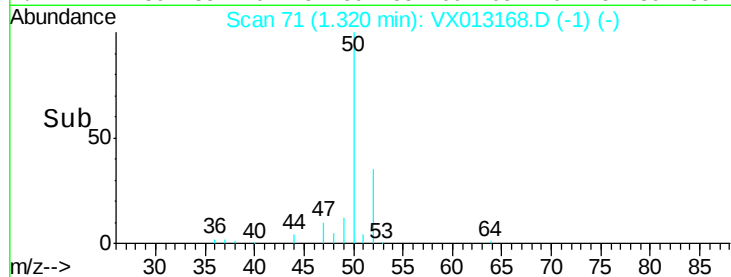
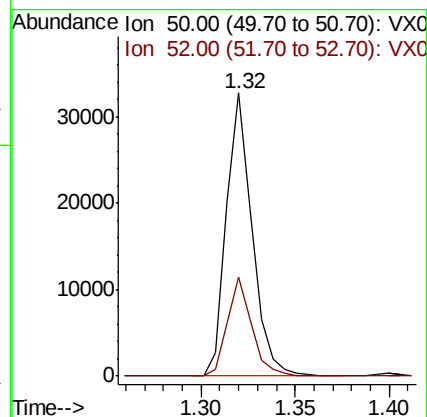
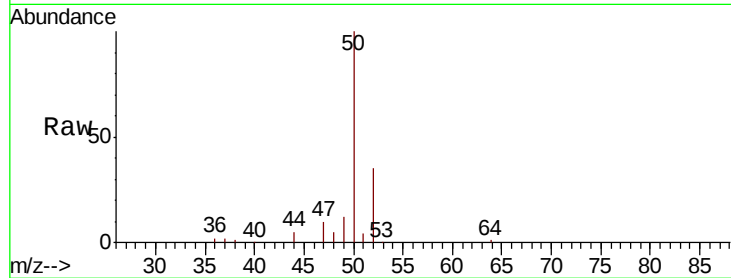
52 34.8 28.6 42.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.652 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013168.D

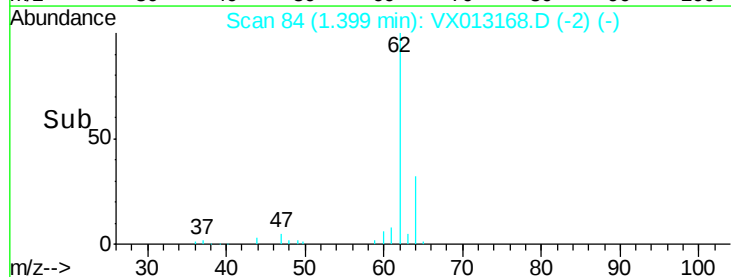
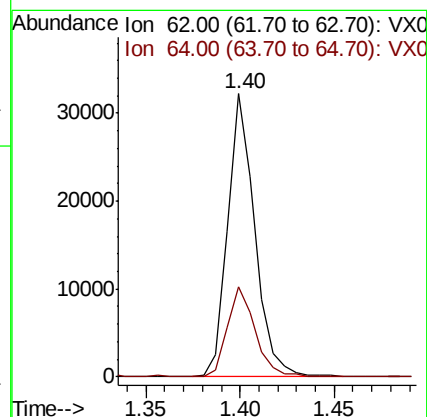
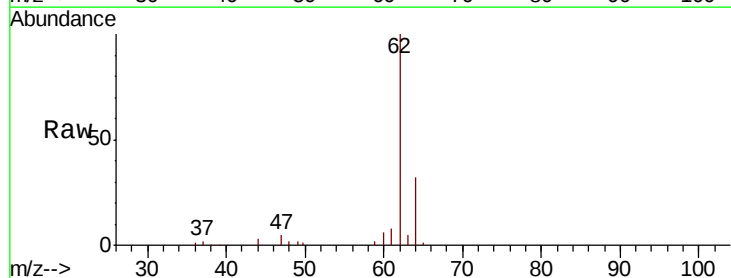
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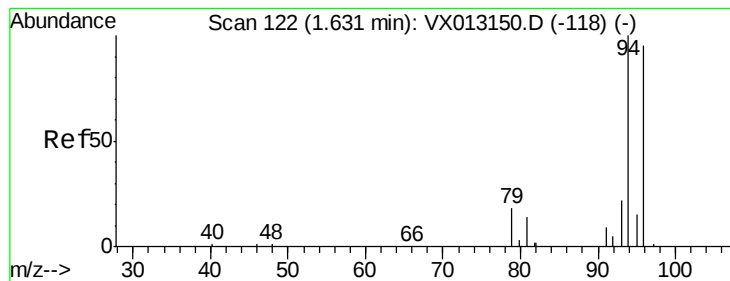
Tgt Ion: 62 Resp: 32165

Ion Ratio Lower Upper

62 100

64 31.5 27.3 40.9





#5

Bromomethane

Concen: 21.004 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 19545

Ion Ratio Lower Upper

94 100

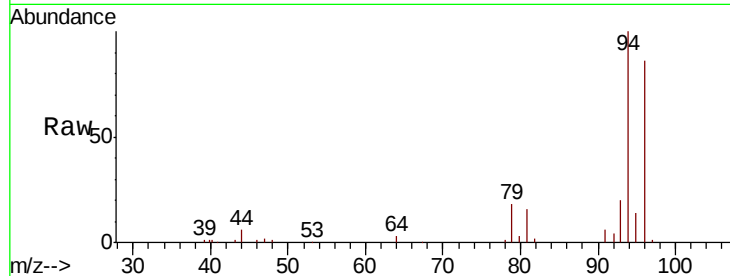
96 86.4 75.9 113.9

Manual Integrations

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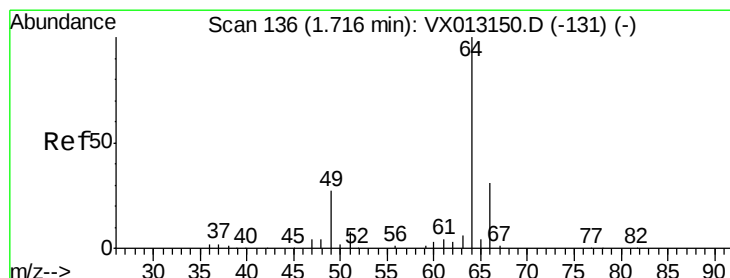
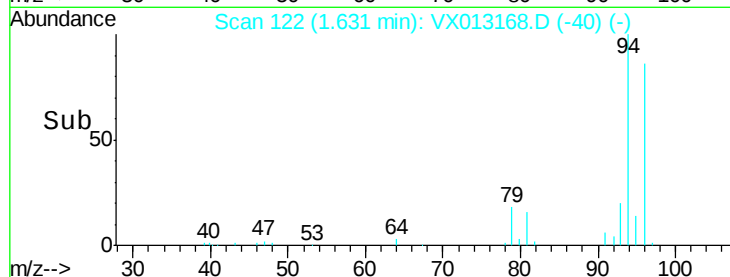
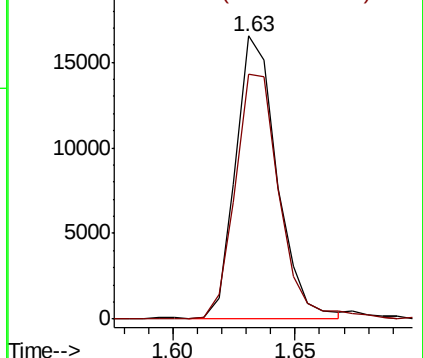
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.741 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX013168.D

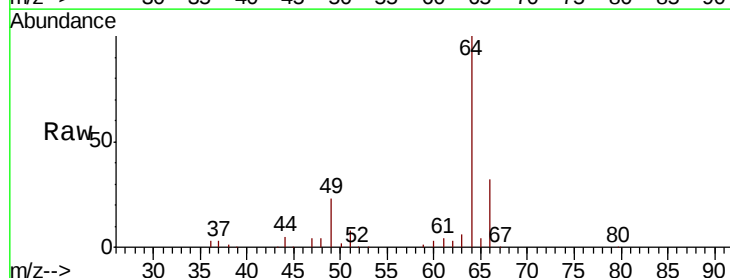
Acq: 22 Oct 2019 09:44

Tgt Ion: 64 Resp: 20623

Ion Ratio Lower Upper

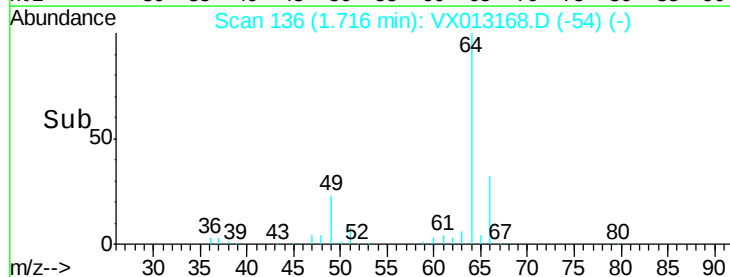
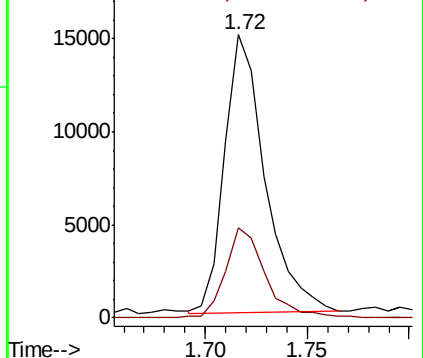
64 100

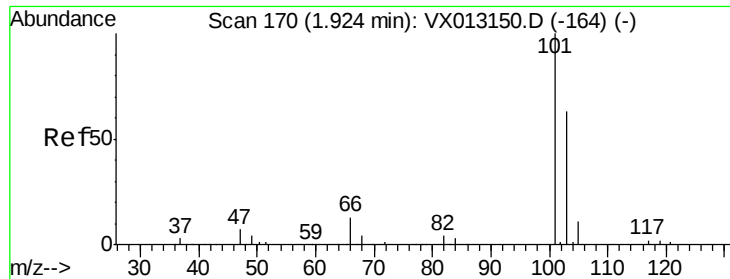
66 31.9 25.4 38.2



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

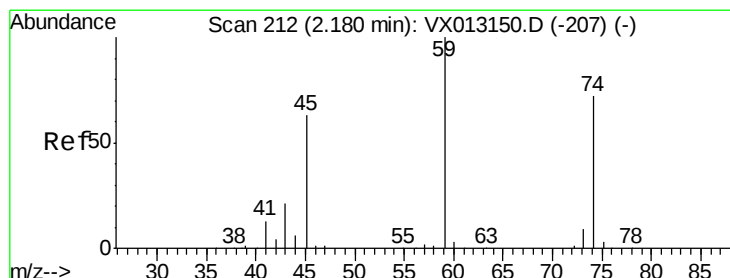
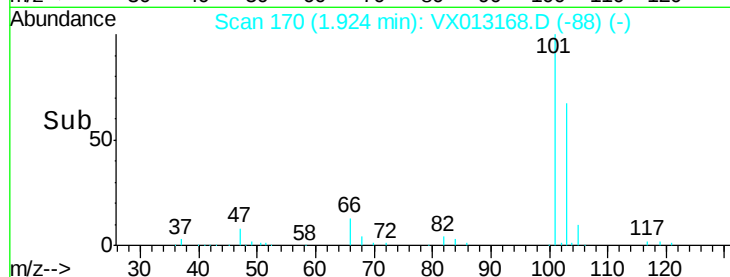
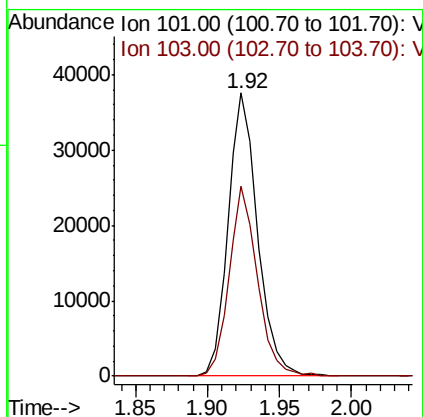
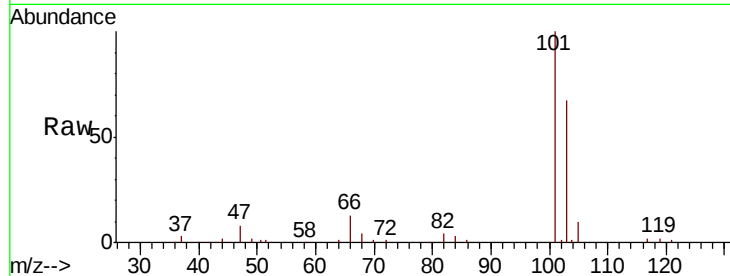
Trichlorofluoromethane
 Concen: 19.412 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

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Tot Ion:101 Resp: 53795
 Ion Ratio Lower Upper
 101 100
 103 67.3 50.2 75.4

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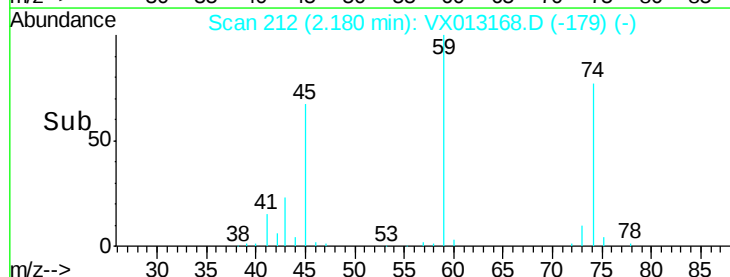
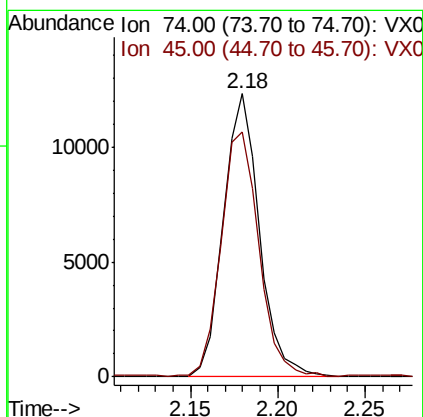
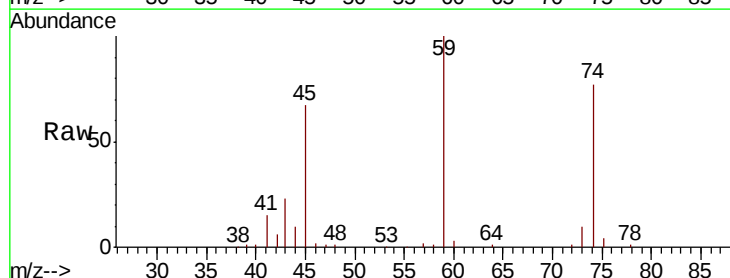
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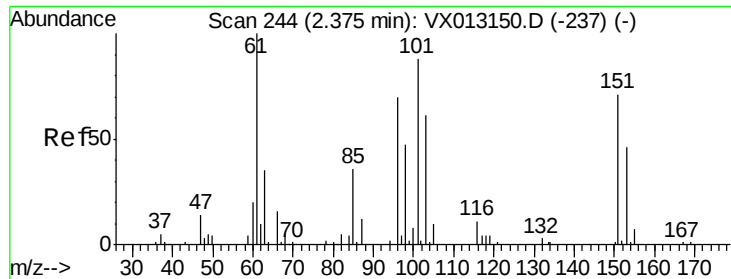


#8

Diethyl Ether
 Concen: 18.642 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Tgt Ion: 74 Resp: 17633
 Ion Ratio Lower Upper
 74 100
 45 90.9 18.4 165.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.412 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013168.D

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MSVOA_X

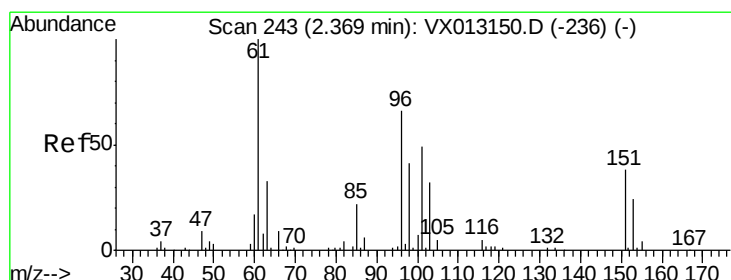
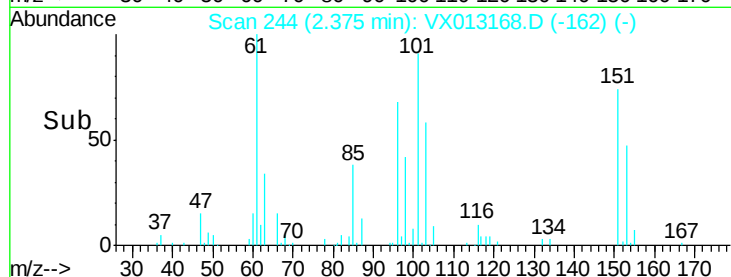
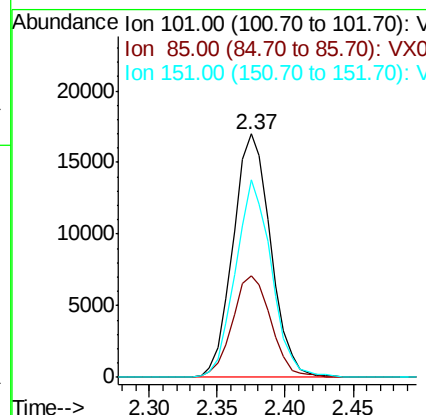
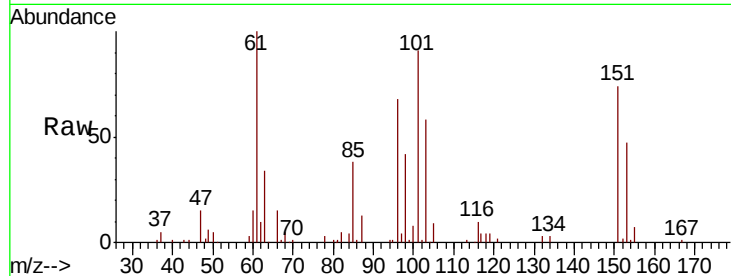
ClientSampleId :

VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
101	100	32858		
85	42.7	0.0	87.2	
151	77.9	0.0	163.0	

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#10

1,1-Dichloroethene

Concen: 18.569 ug/l

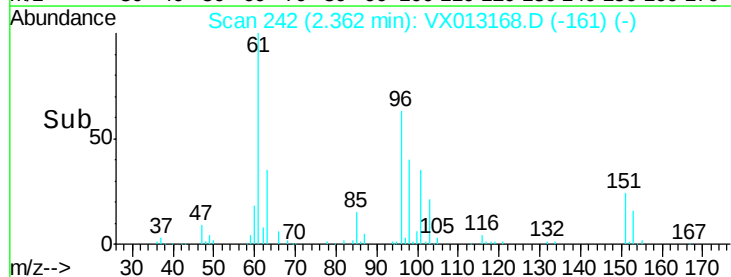
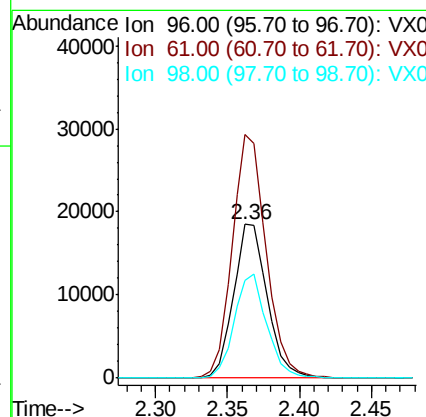
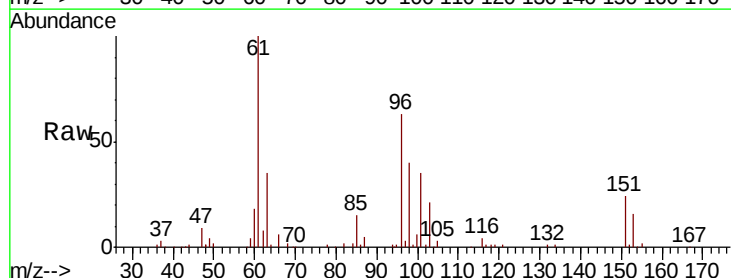
RT: 2.36 min Scan# 242

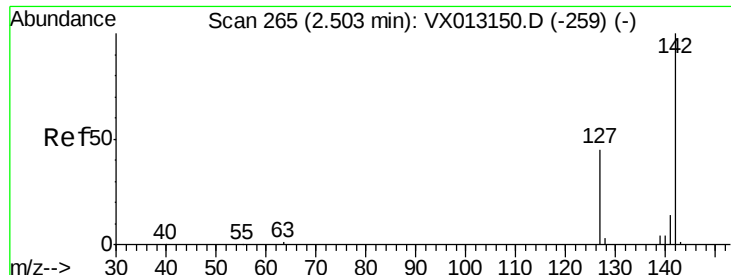
Delta R.T. -0.01 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	30355		
61	158.7	121.3	181.9	
98	64.0	49.5	74.3	





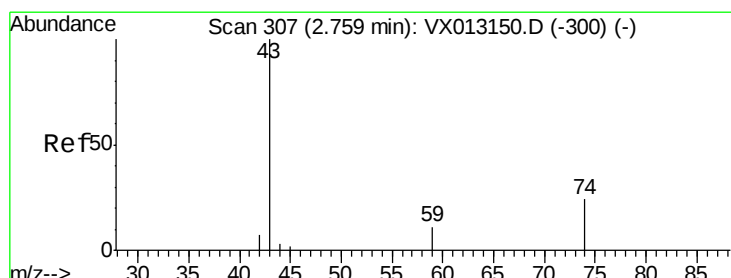
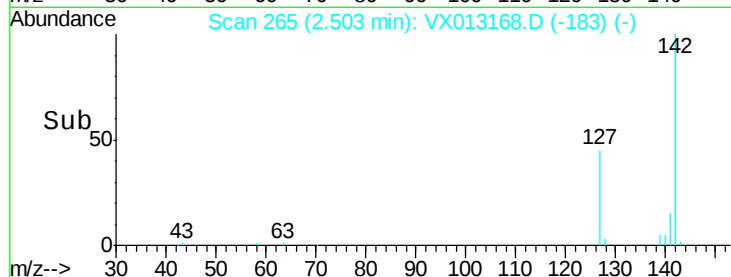
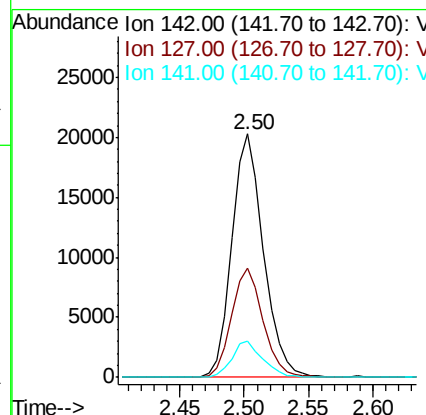
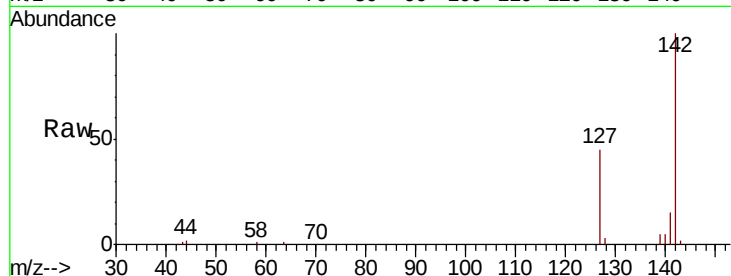
#11
Methyl Iodide
Concen: 16.518 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.7	22.3	66.9
141	14.7	7.1	21.3

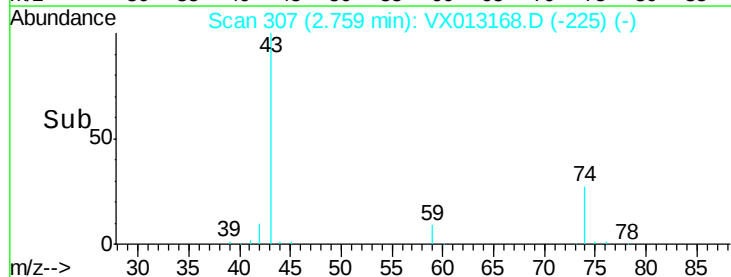
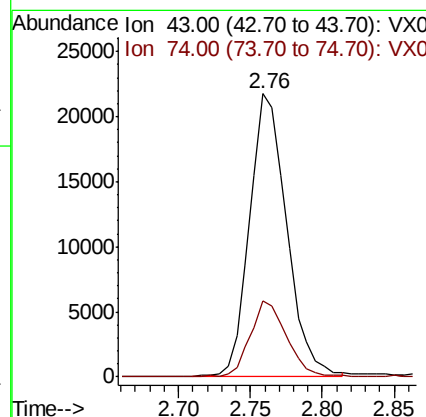
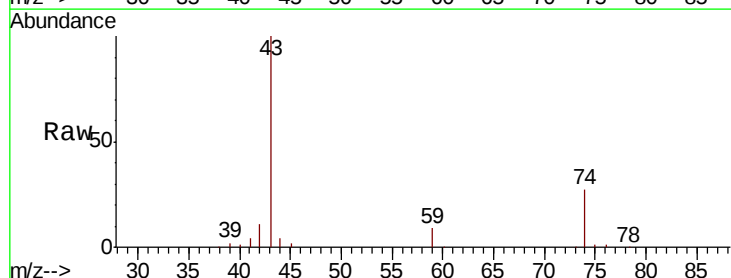
Manual Integrations
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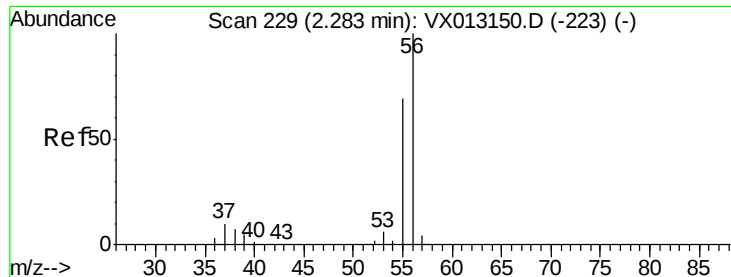
MMDadoda
10/23/2019 3:10:18 PM



#12
Methyl Acetate
Concen: 18.397 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.7	19.7	29.5





#13

Acrolein

Concen: 70.629 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 22194

Ion Ratio Lower Upper

56 100

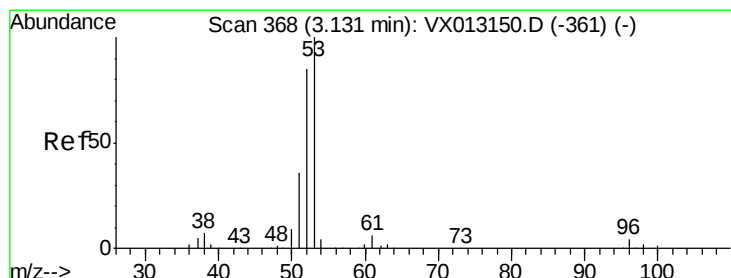
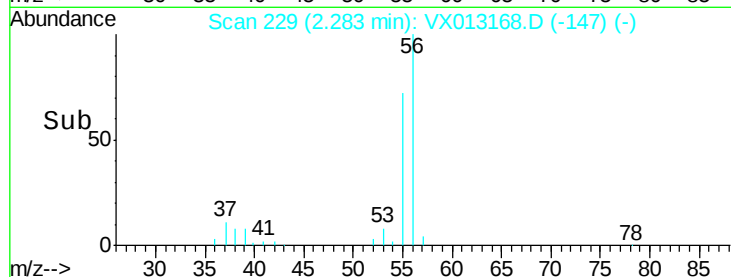
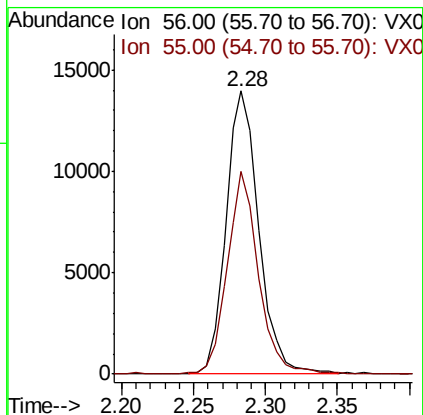
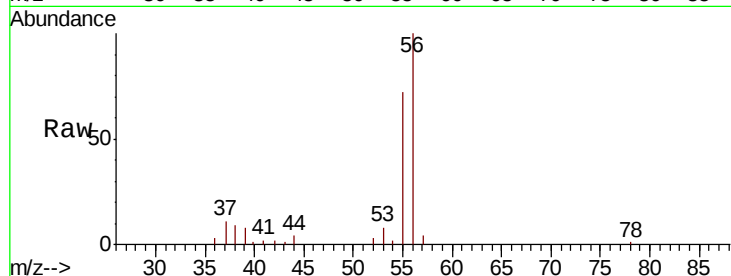
55 68.9 55.8 83.8

Manual Integrations

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MMDadoda

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#14

Acrylonitrile

Concen: 92.782 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

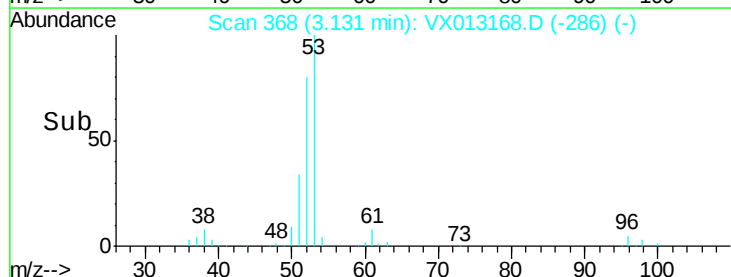
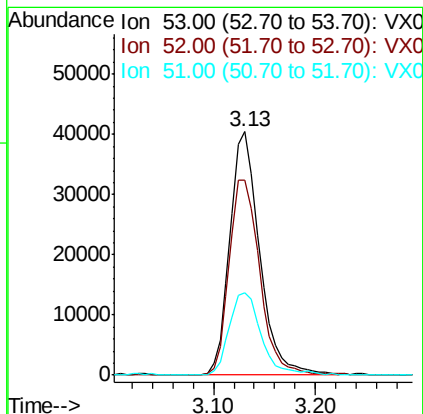
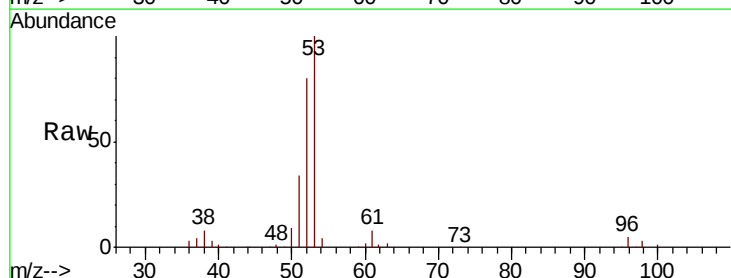
Tgt Ion: 53 Resp: 81909

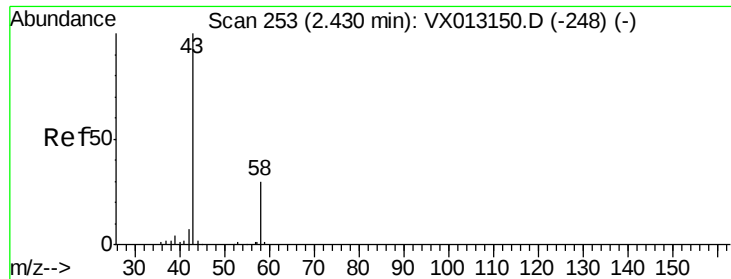
Ion Ratio Lower Upper

53 100

52 82.1 42.0 126.0

51 35.6 18.6 56.0





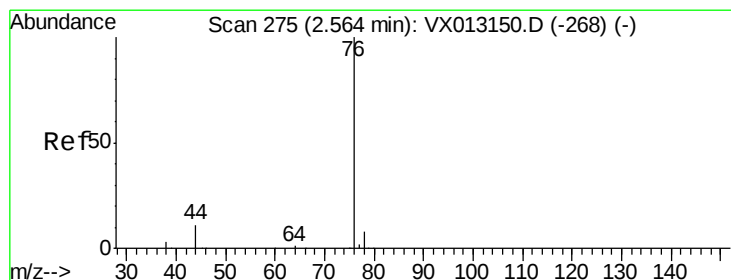
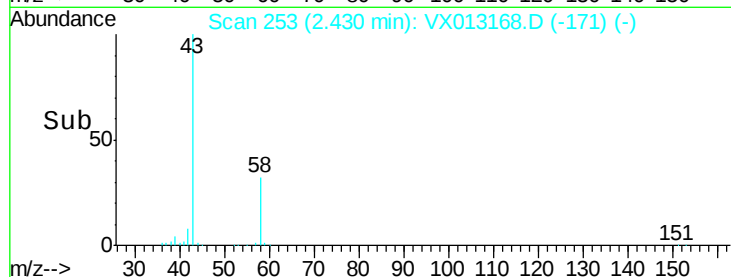
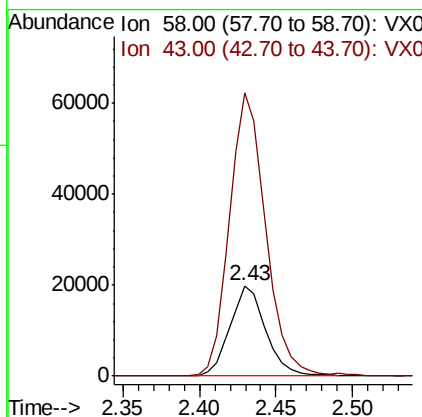
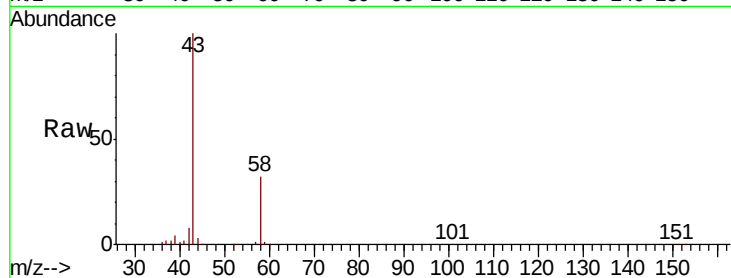
#15
Acetone
Concen: 110.520 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 58 Resp: 32145
Ion Ratio Lower Upper
58 100
43 311.9 262.8 394.2

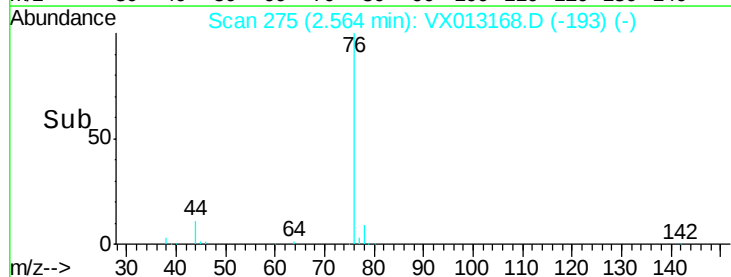
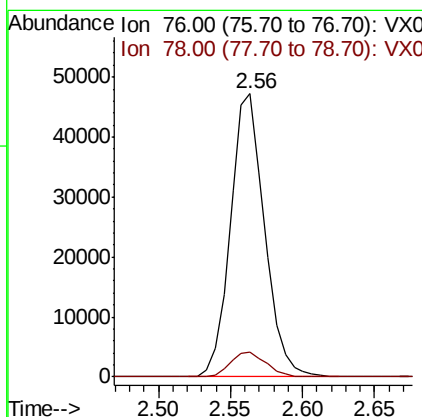
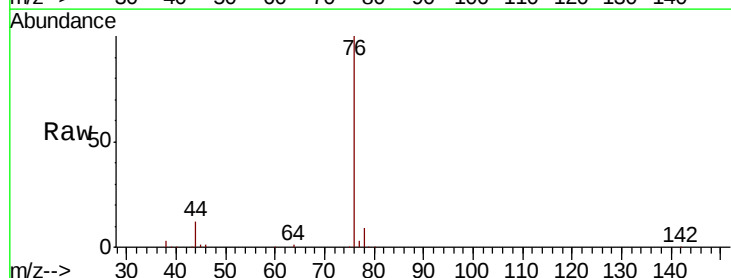
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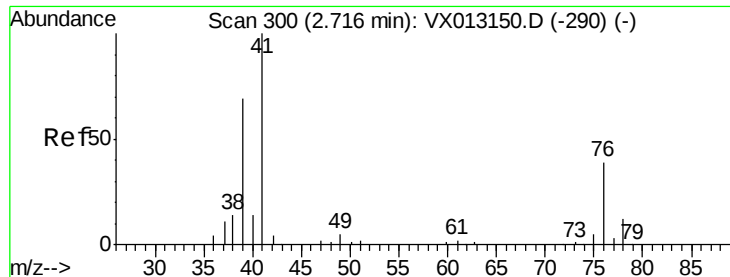
MMDadoda
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#16
Carbon Disulfide
Concen: 17.863 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion: 76 Resp: 77981
Ion Ratio Lower Upper
76 100
78 8.7 6.6 10.0





#17

Allvl chloride

Concen: 18.092 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

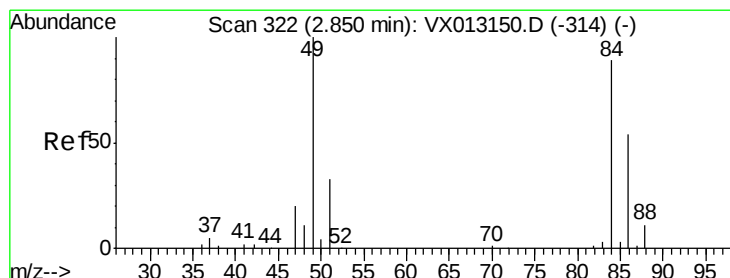
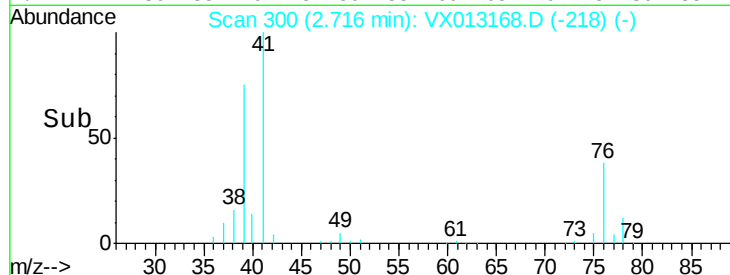
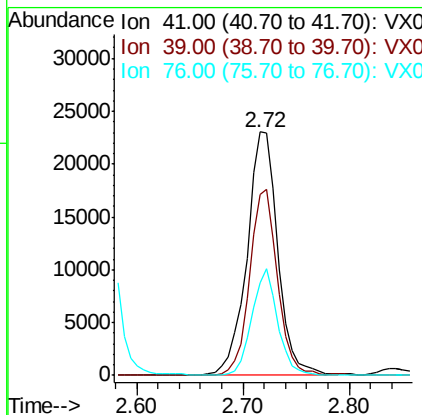
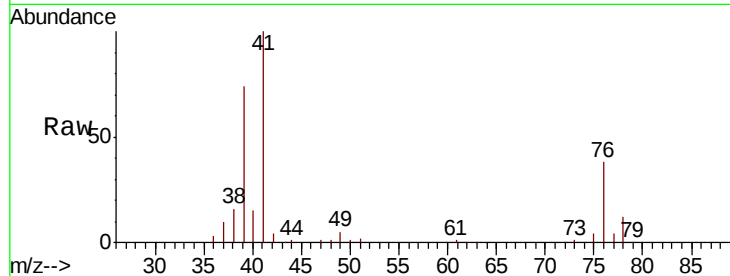
ClientSampleId :

VSTDCCC020

Tot Ion:	41	Resp:	47045
Ion	Ratio	Lower	Upper
41	100		
39	74.3	34.7	104.1
76	38.0	19.7	59.0

Manual Integrations
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#18

Methylene Chloride

Concen: 18.586 ug/l

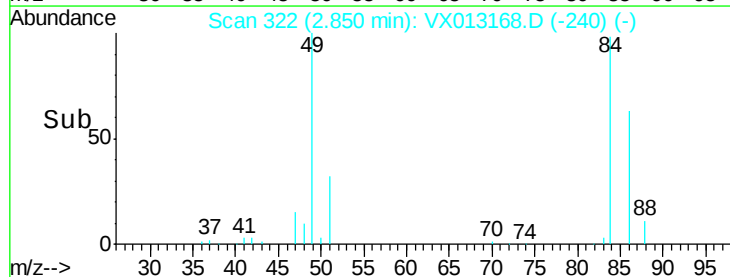
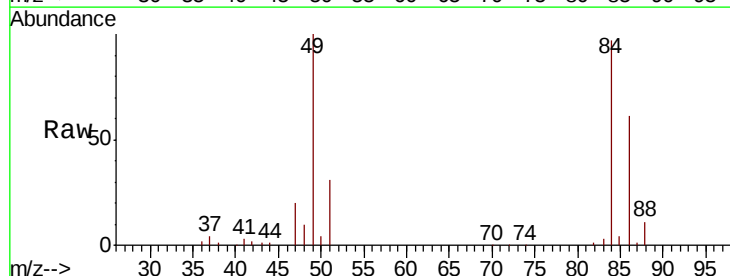
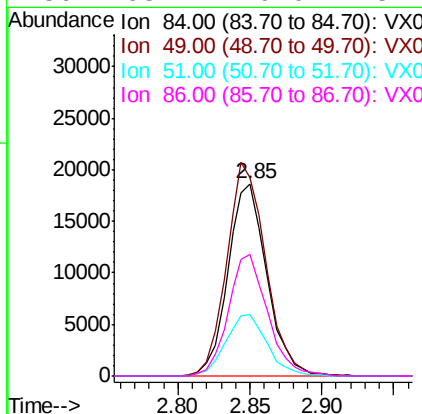
RT: 2.85 min Scan# 322

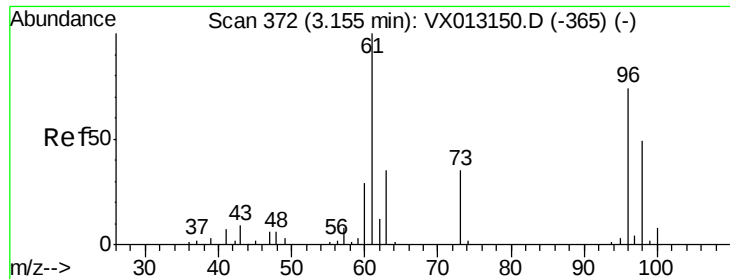
Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Tgt Ion:	84	Resp:	35179
Ion	Ratio	Lower	Upper
84	100		
49	102.9	90.3	135.5
51	31.9	29.9	44.9
86	63.4	49.0	73.4





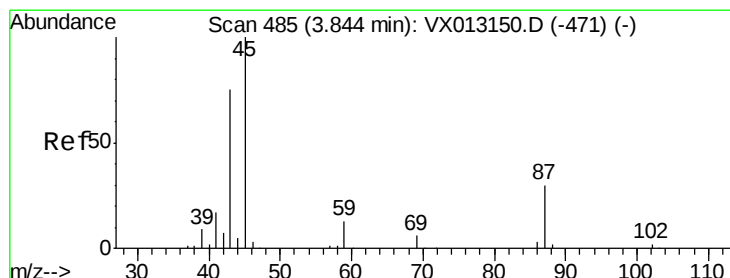
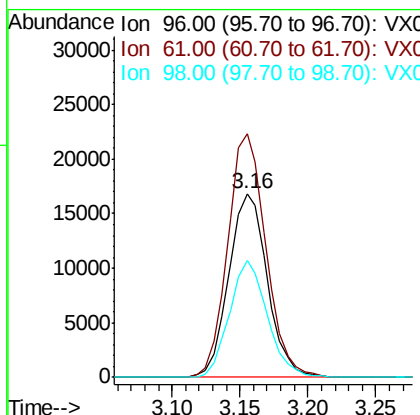
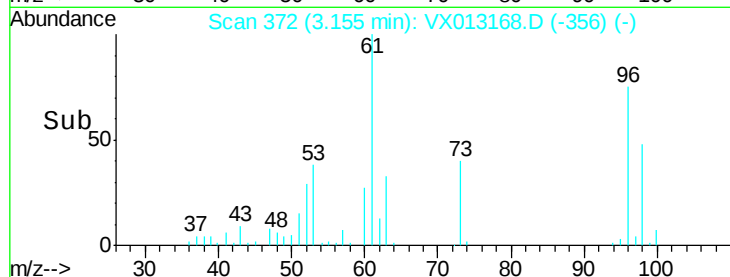
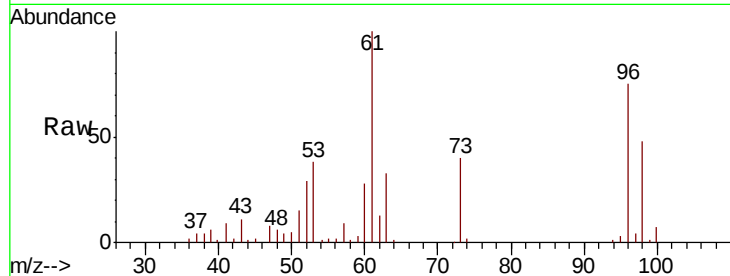
#19
trans-1,2-Dichloroethene
Concen: 19.110 ug/l
RT: 3.16 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.3	108.6	162.8
98	64.0	53.4	80.0

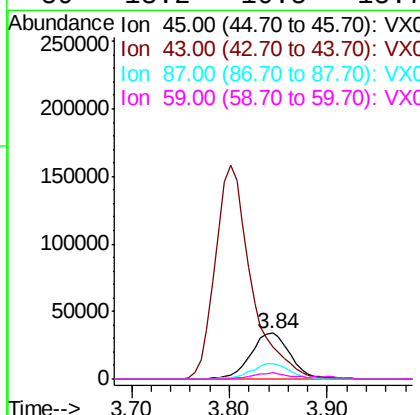
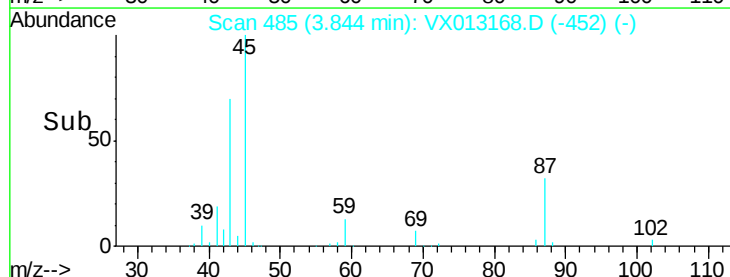
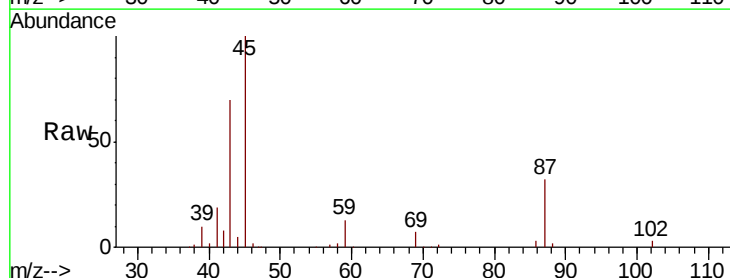
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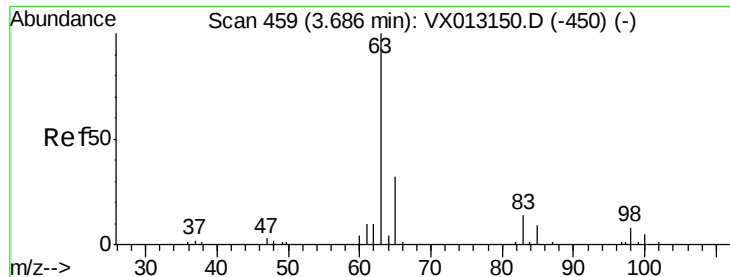
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#20
Diisopropyl ether
Concen: 18.850 ug/l
RT: 3.84 min Scan# 485
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.7	60.6	91.0
87	32.4	24.2	36.2
59	13.2	10.5	15.7





#21

1,1-Dichloroethane

Concen: 18.686 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

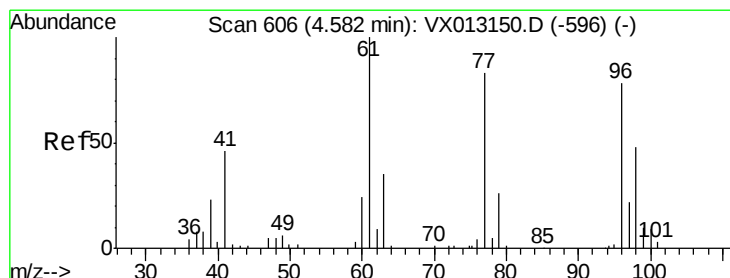
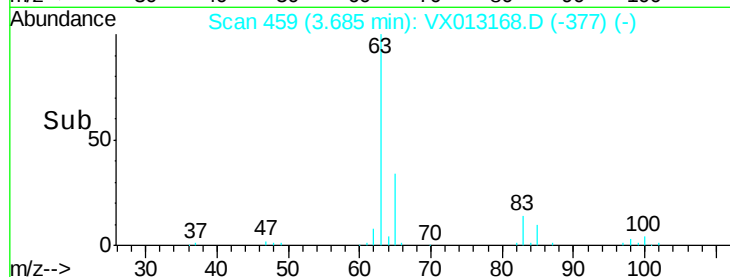
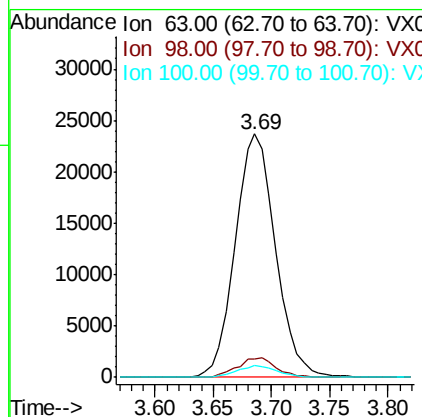
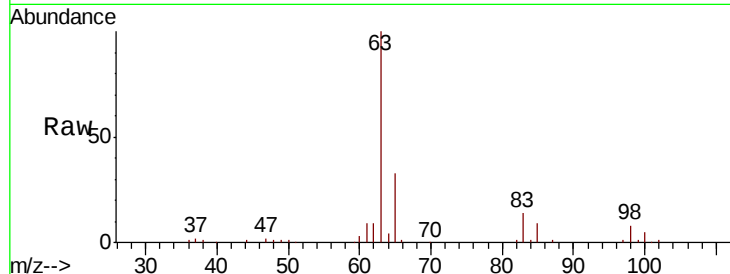
ClientSampleId :

VSTDCCC020

Tot Ion:	63	Resp:	57058
Ion	Ratio	Lower	Upper
63	100		
98	7.7	4.2	12.4
100	5.0	2.4	7.2

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 19.185 ug/l

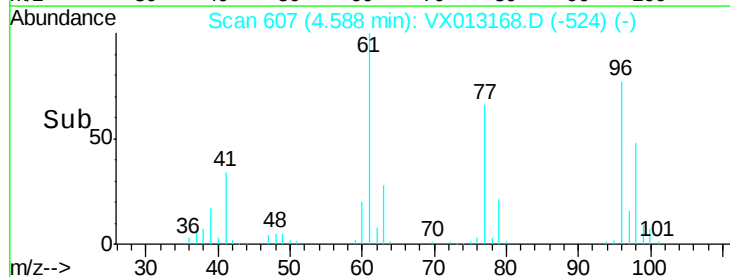
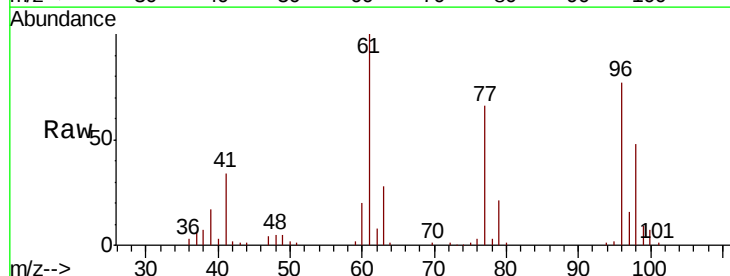
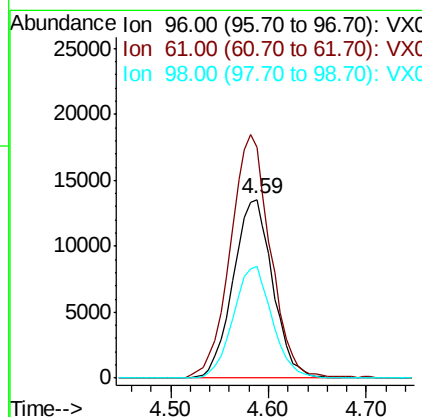
RT: 4.59 min Scan# 607

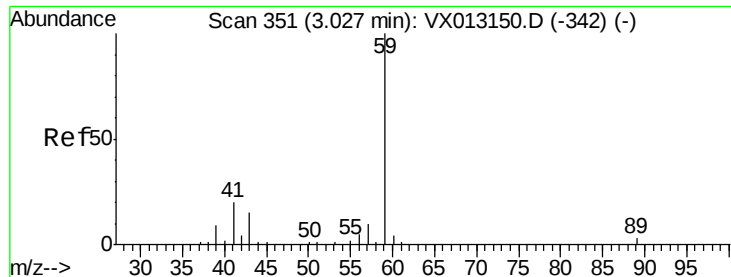
Delta R.T. 0.01 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Tgt Ion:	96	Resp:	37948
Ion	Ratio	Lower	Upper
96	100		
61	138.4	112.5	168.7
98	61.6	51.2	76.8





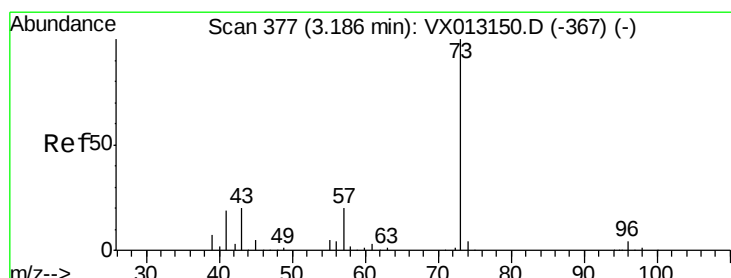
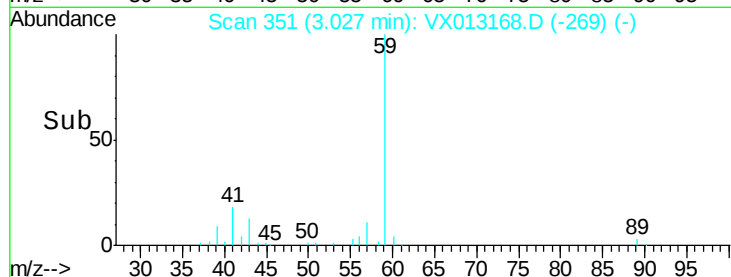
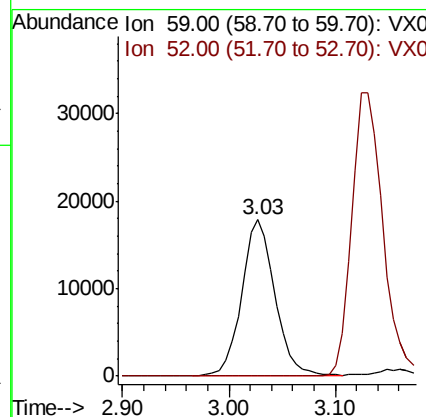
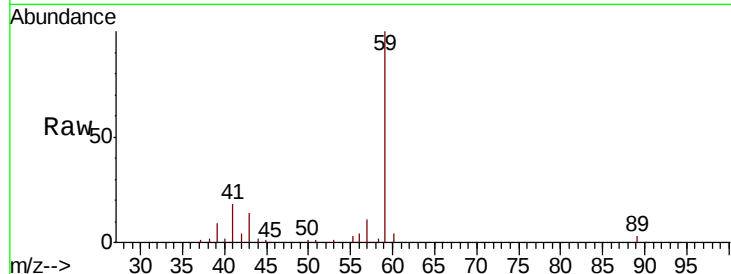
#23
tert-Butyl Alcohol
Concen: 84.711 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 59 Resp: 39400
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#

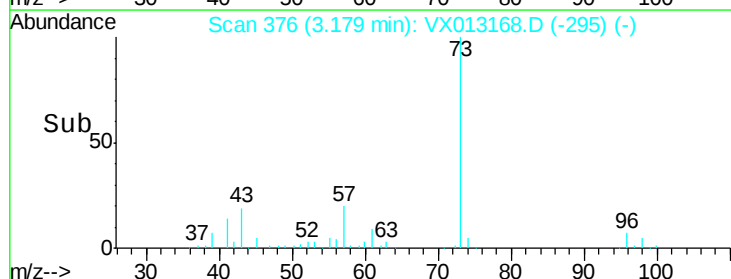
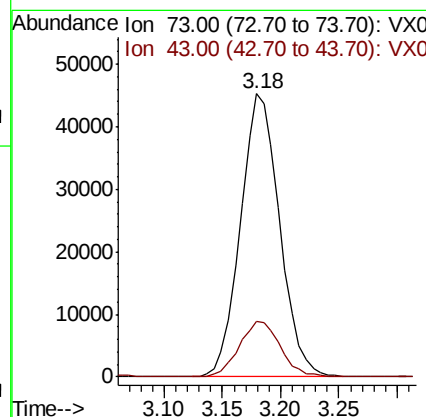
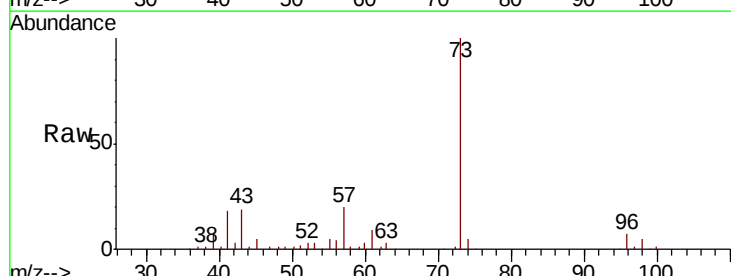
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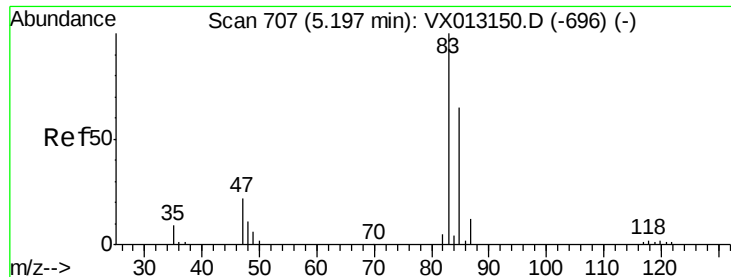
MMDadoda
10/23/2019 3:10:18 PM



#24
Methyl tert-Butyl Ether
Concen: 18.806 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion: 73 Resp: 106024
Ion Ratio Lower Upper
73 100
43 20.6 17.1 25.7





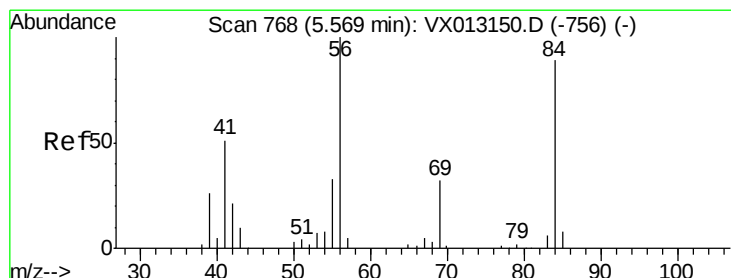
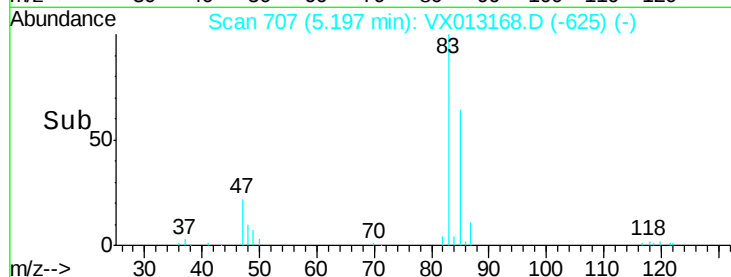
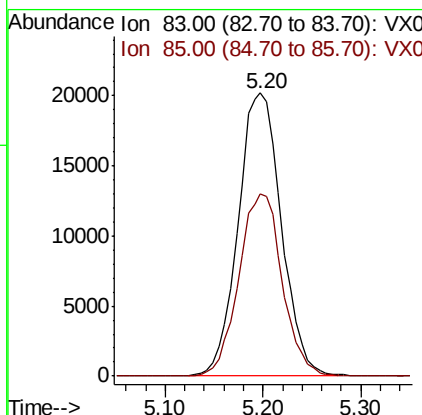
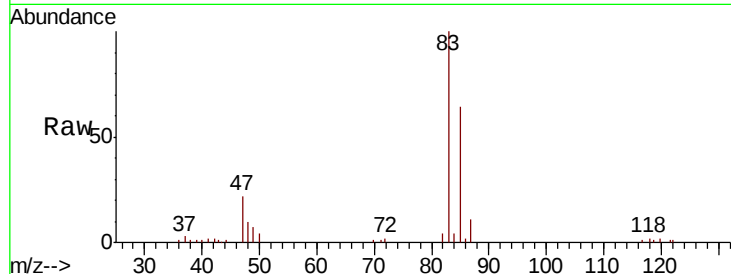
#25
Chloroform
Concen: 19.280 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	83	Resp	61865
Ion Ratio	100	Lower	Upper
85	64.4	52.0	78.0

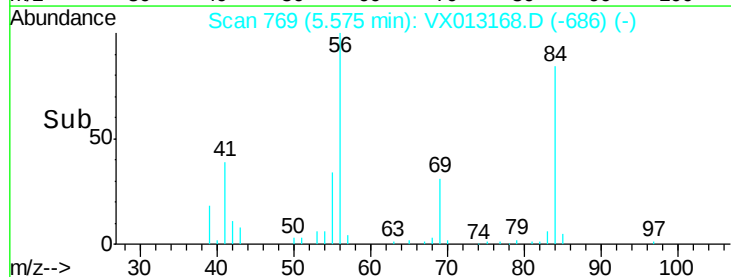
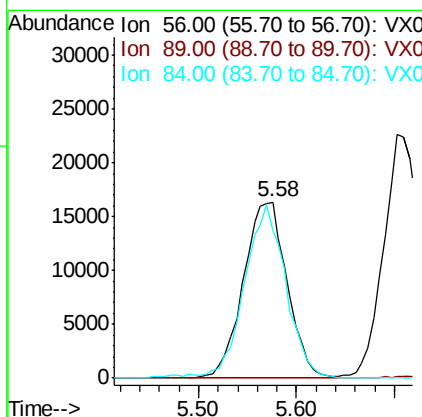
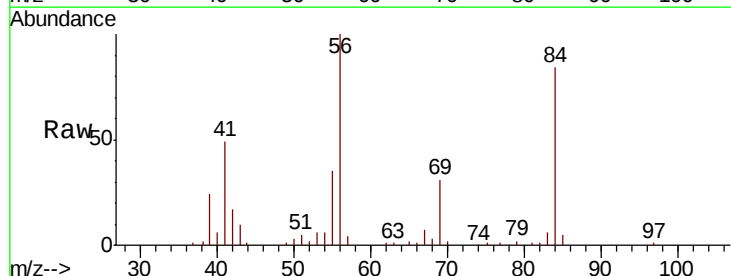
Manual Integrations
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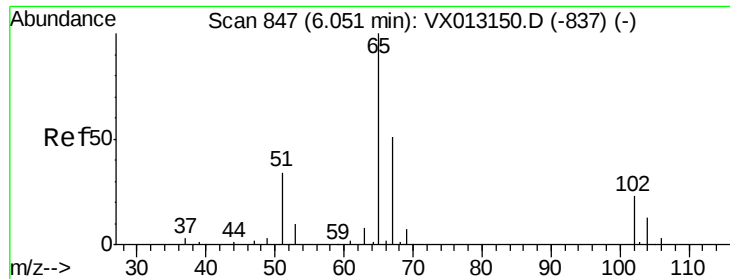
MMDadoda
10/23/2019 3:10:18 PM



#26
Cyclohexane
Concen: 19.011 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion	56	Resp	50938
Ion Ratio	100	Lower	Upper
89	0.0	0.2	0.2#
84	92.1	74.0	111.0





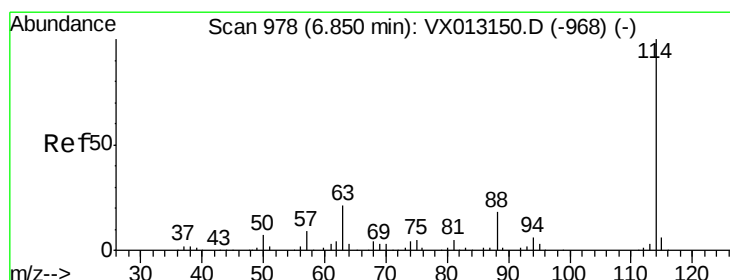
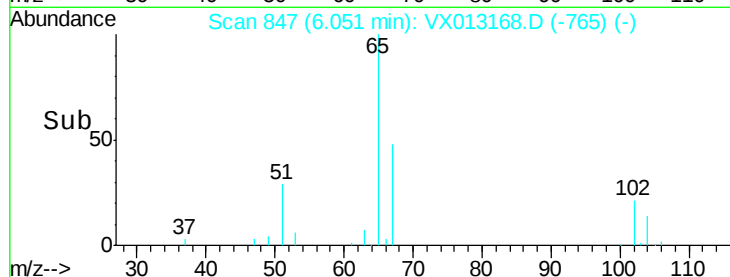
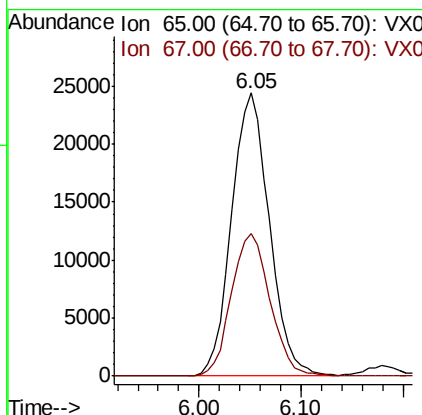
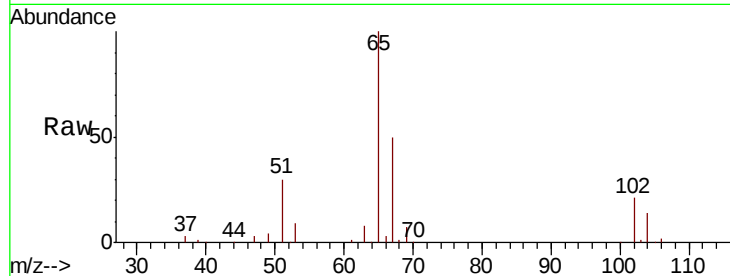
#27
 1,2-Dichloroethane-d4
 Concen: 29.900 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion: 65 Resp: 62720
 Ion Ratio Lower Upper
 65 100
 67 51.5 42.2 63.4

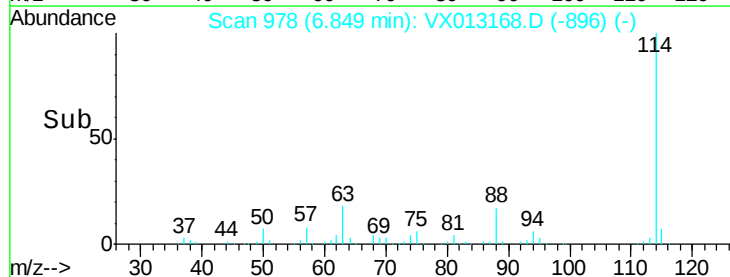
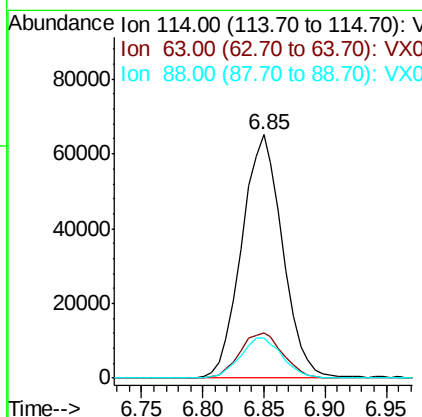
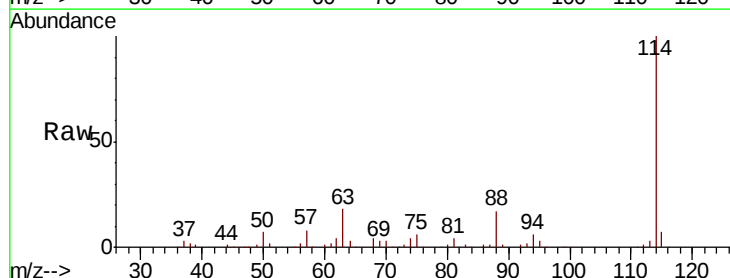
Manual Integrations
 APPROVED

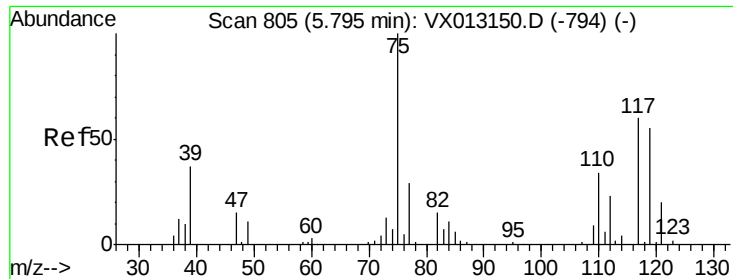
MMDadoda
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Tgt Ion: 114 Resp: 151292
 Ion Ratio Lower Upper
 114 100
 63 19.6 16.1 24.1
 88 17.0 13.7 20.5





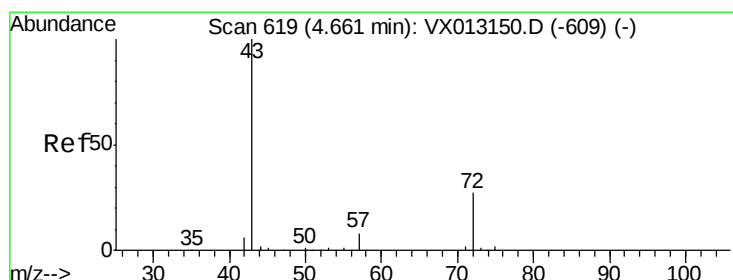
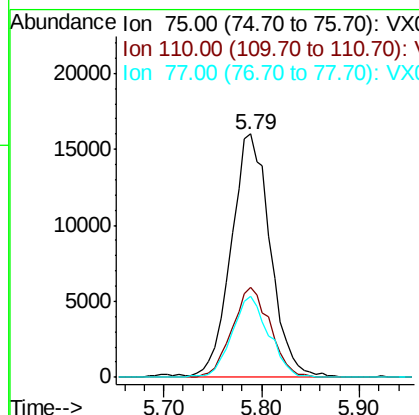
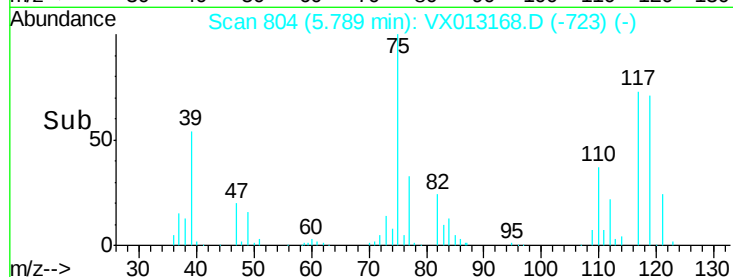
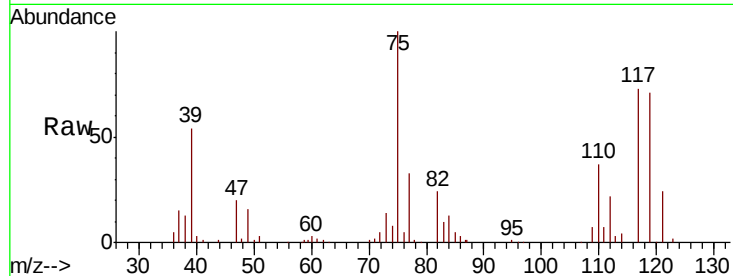
#29
 1,1-Dichloropropene
 Concen: 18.835 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.9	0.0	68.4
77	31.3	0.0	30.8

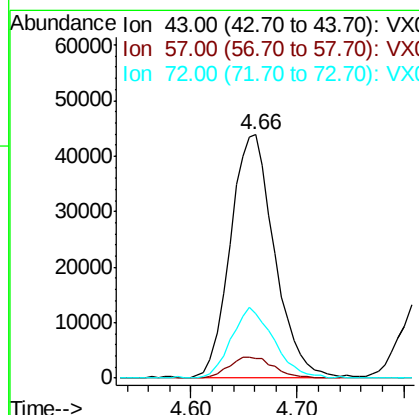
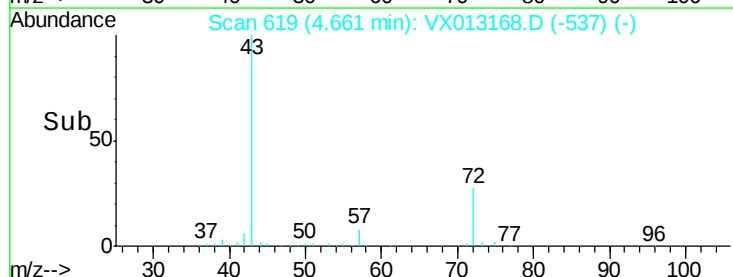
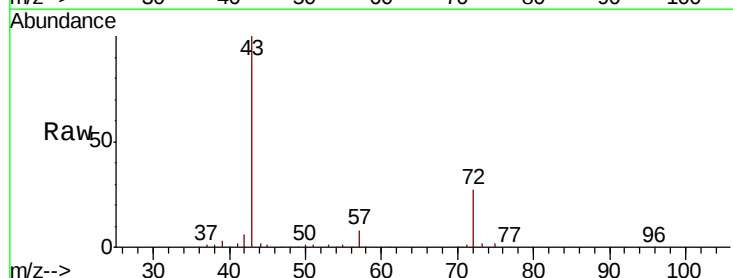
Manual Integrations
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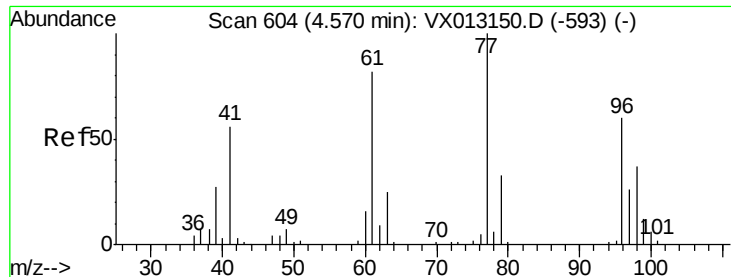
MMDadoda
 10/23/2019 3:10:18 PM



#30
 2-Butanone
 Concen: 102.756 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.8	7.0	10.6
72	27.9	23.4	35.2





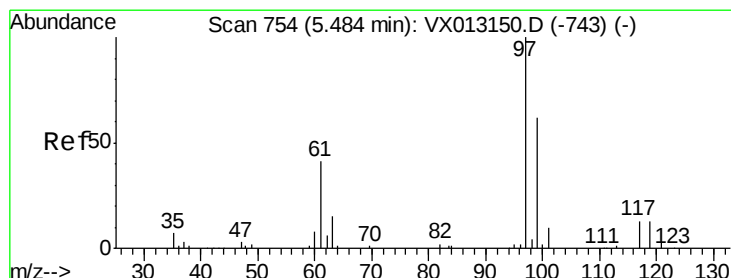
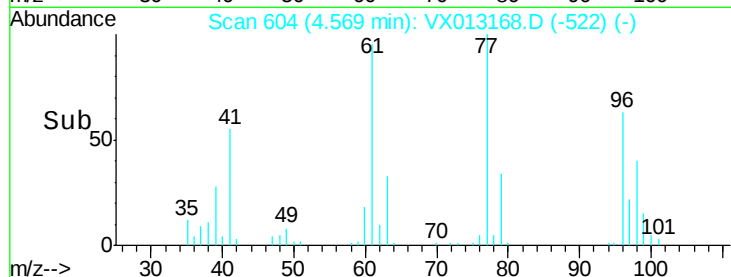
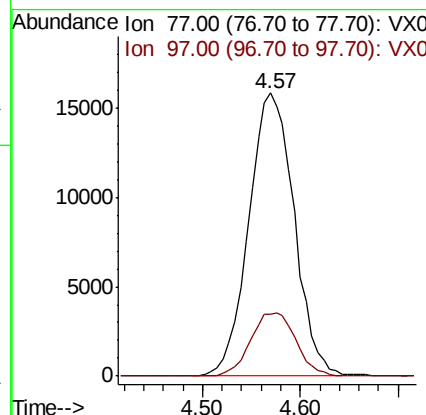
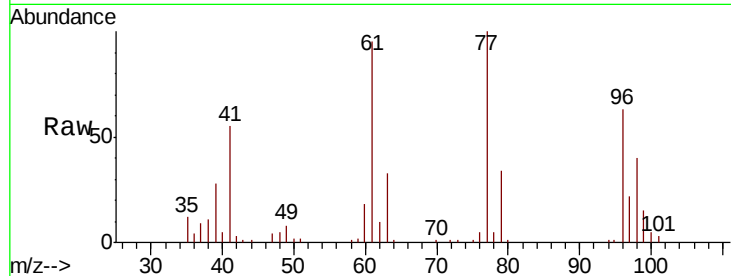
#31
 2,2-Dichloropropane
 Concen: 18.724 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion: 77 Resp: 50879
 Ion Ratio Lower Upper
 77 100
 97 22.4 19.1 28.7

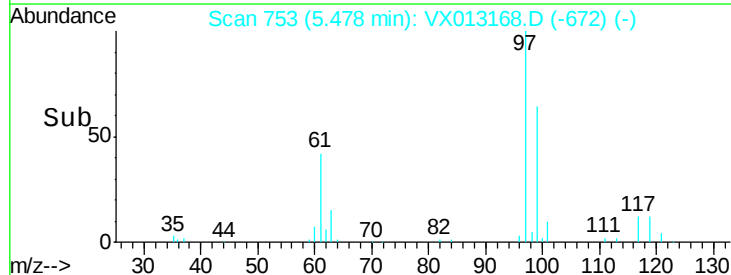
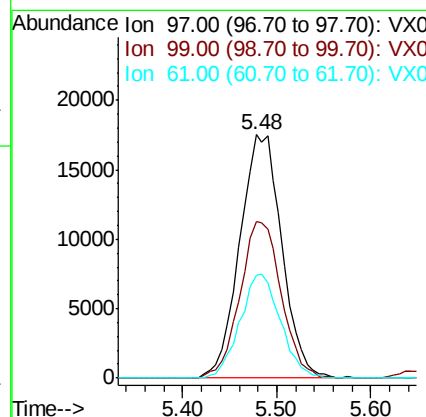
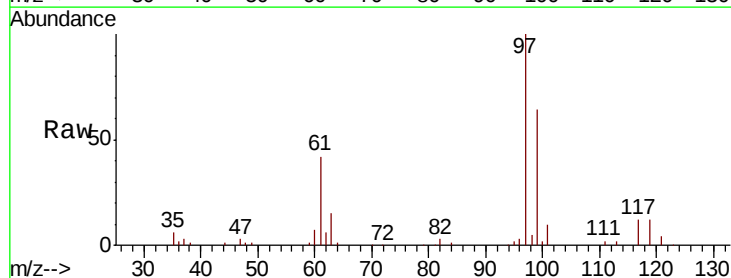
Manual Integrations
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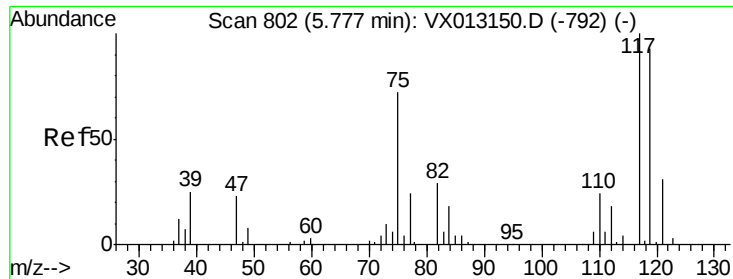
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#32
 1,1,1-Trichloroethane
 Concen: 19.263 ug/l
 RT: 5.48 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Tgt Ion: 97 Resp: 54785
 Ion Ratio Lower Upper
 97 100
 99 63.0 51.8 77.8
 61 41.0 33.5 50.3





#33

Carbon Tetrachloride

Concen: 19.451 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

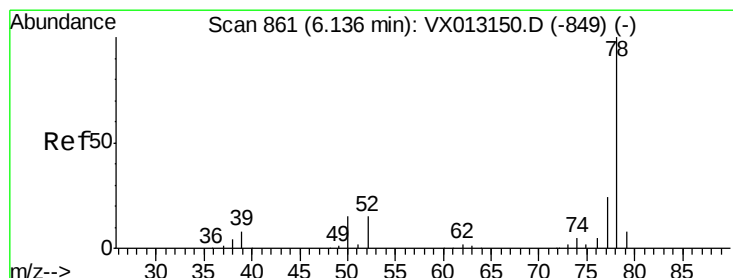
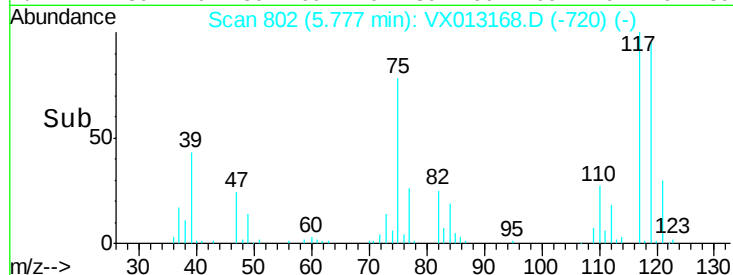
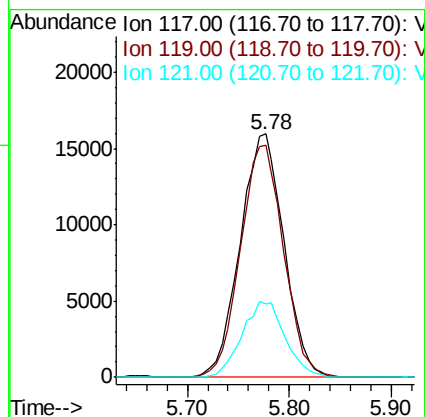
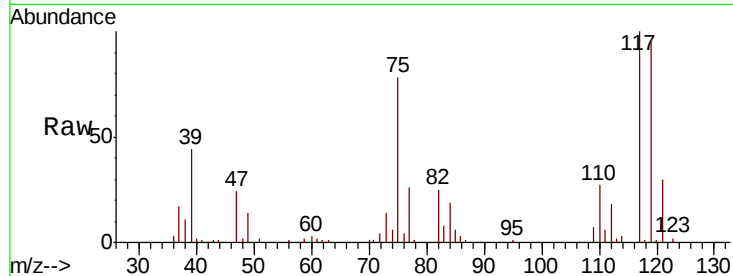
ClientSampleId :

VSTDCCC020

Tot Ion:117 Resp: 47547
 Ion Ratio Lower Upper
 117 100
 119 95.4 74.9 112.3
 121 29.9 25.0 37.4

Manual Integrations
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MMDadoda
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#34

Benzene

Concen: 19.245 ug/l

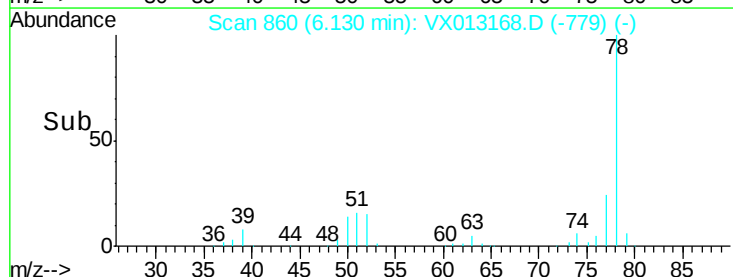
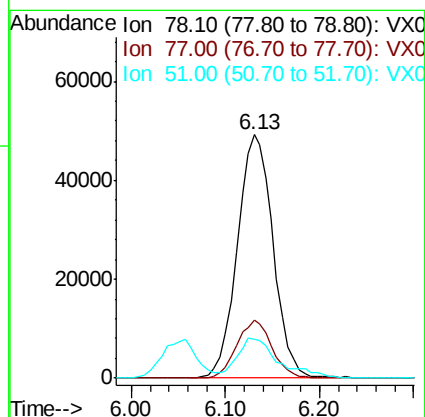
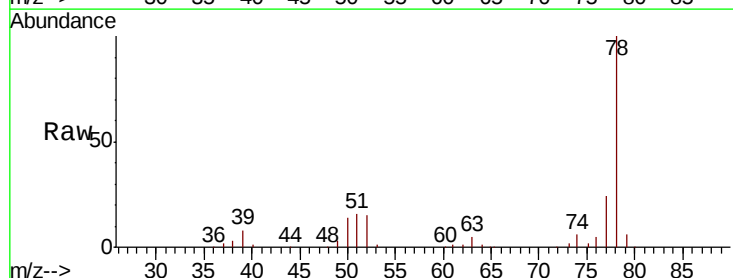
RT: 6.13 min Scan# 860

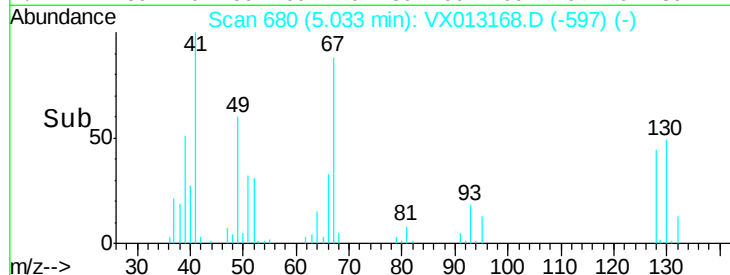
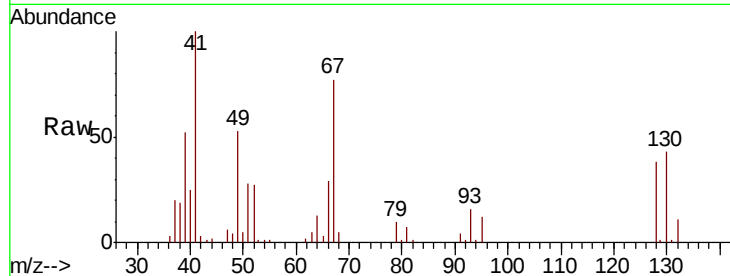
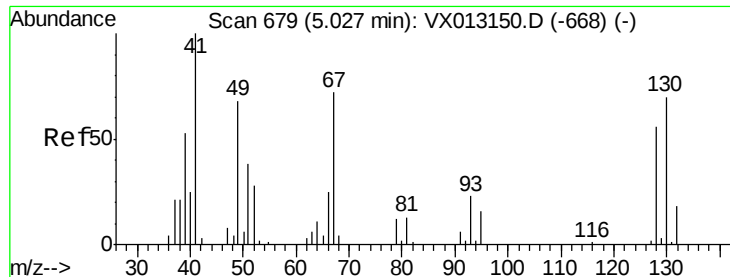
Delta R.T. -0.01 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

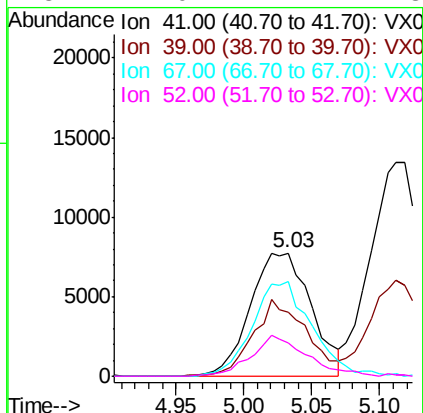
Tgt Ion: 78 Resp: 130219
 Ion Ratio Lower Upper
 78 100
 77 23.9 19.3 28.9
 51 15.4 11.4 17.2





#35
Methacrylonitrile
Concen: 19.170 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

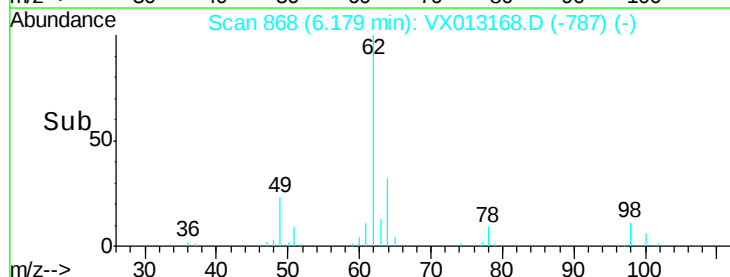
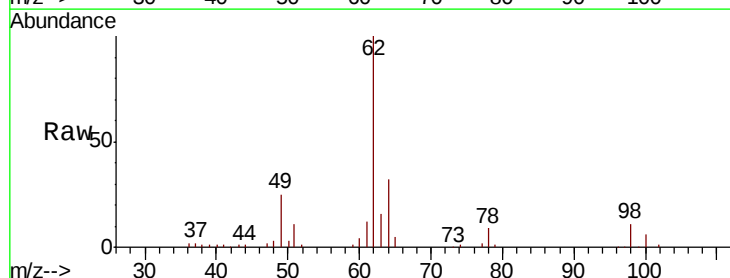
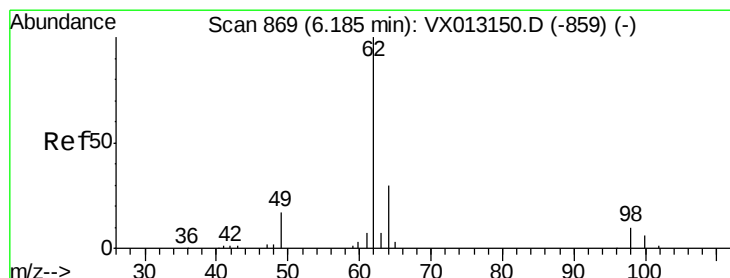
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	50.8	26.3	78.9	
67	77.1	35.8	107.4	
52	27.0	14.1	42.3	



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

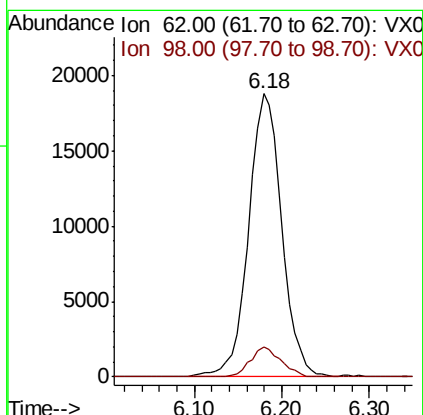
Manual Integrations
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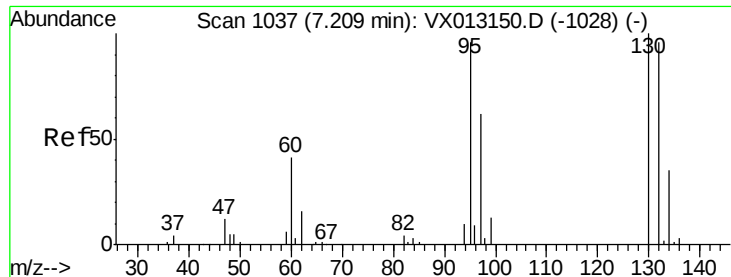
MMDadoda
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#36
1,2-Dichloroethane
Concen: 19.354 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.8	8.0	12.0	





#37

Trichloroethene

Concen: 19.963 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:130 Resp: 37466

Ion Ratio Lower Upper

130 100

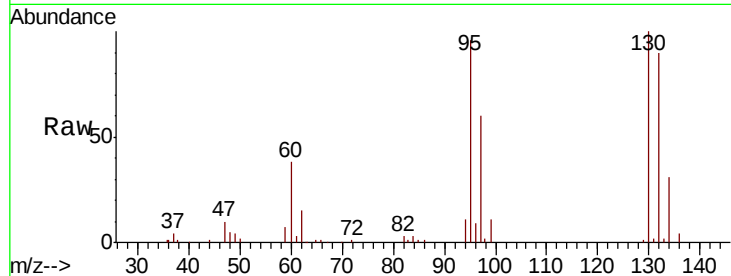
95 95.5 77.0 115.6

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

20000

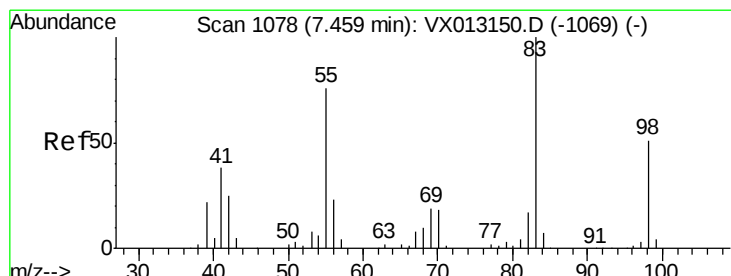
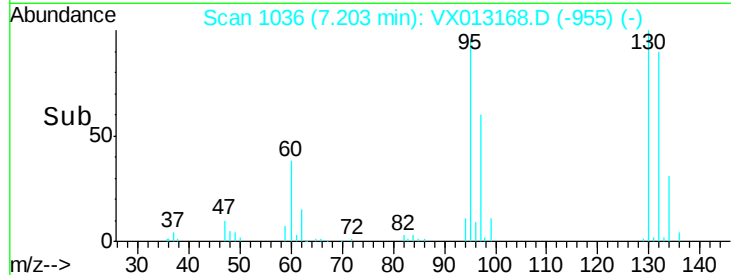
15000

10000

5000

0

Time-->



#38

Methylcyclohexane

Concen: 19.598 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

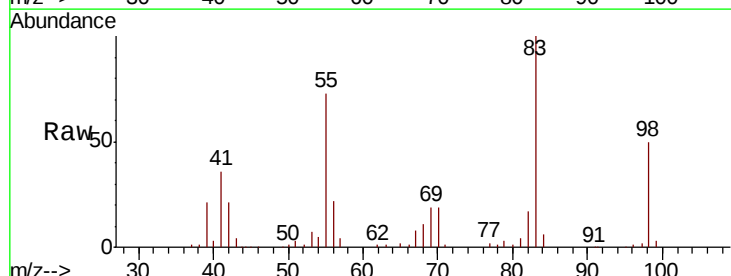
Tgt Ion: 83 Resp: 56174

Ion Ratio Lower Upper

83 100

55 73.4 37.5 112.5

98 49.3 25.4 76.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.46

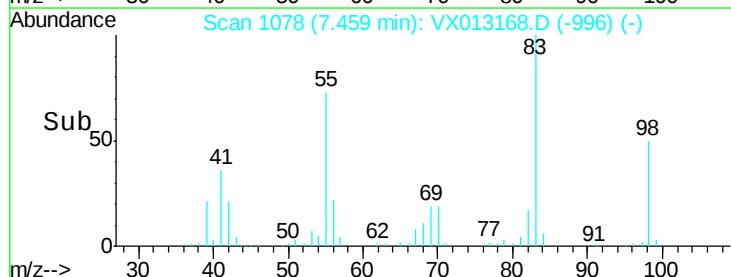
30000

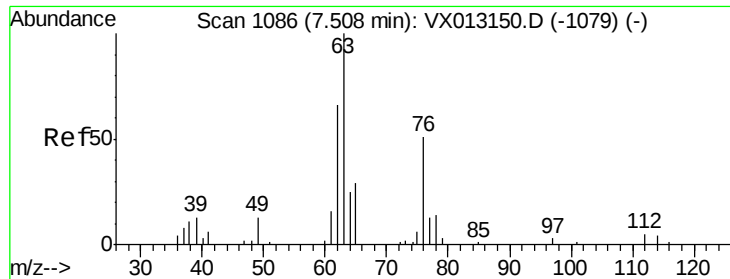
20000

10000

0

Time-->





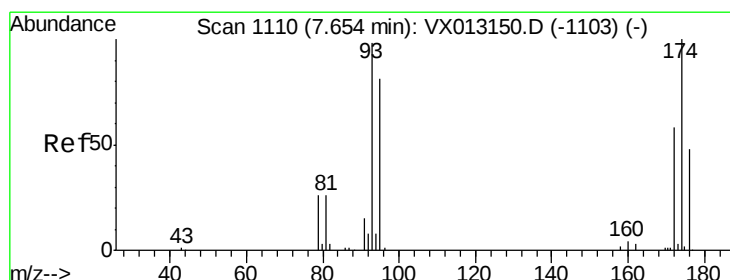
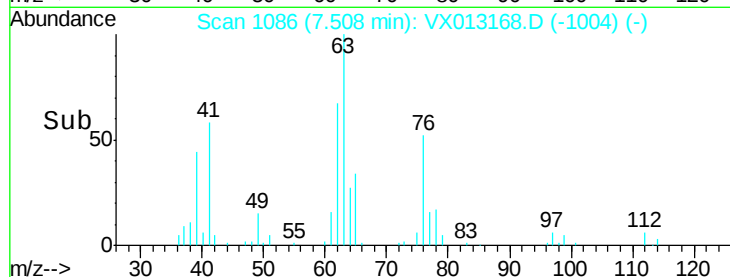
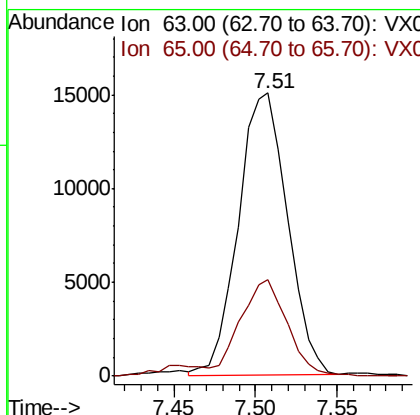
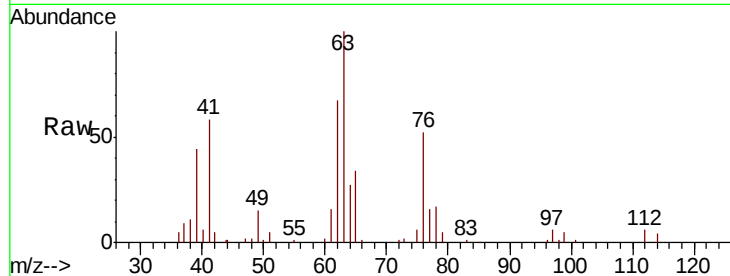
#39
 1,2-Dichloropropane
 Concen: 19.021 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion: 63 Resp: 31589
 Ion Ratio Lower Upper
 63 100
 65 33.6 24.8 37.2

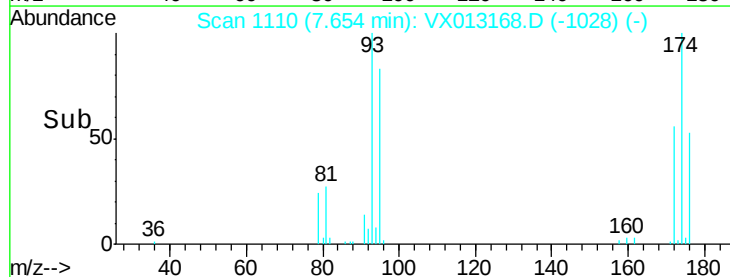
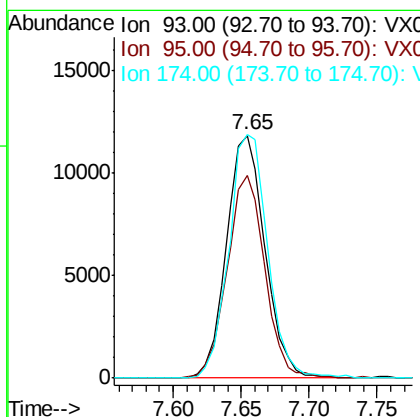
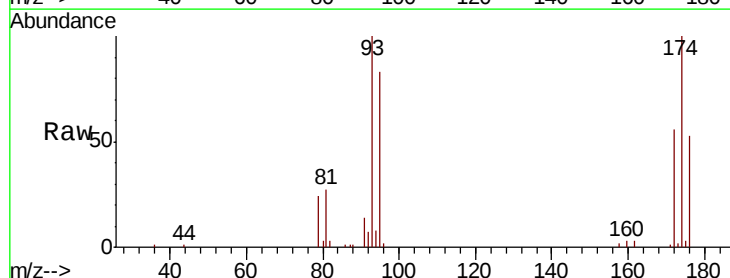
Manual Integrations
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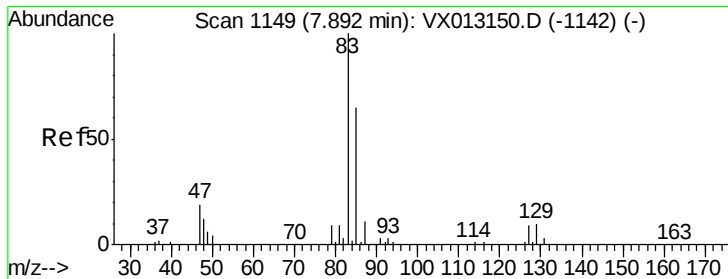
MMDadoda
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#40
 Dibromomethane
 Concen: 19.650 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Tgt Ion: 93 Resp: 23310
 Ion Ratio Lower Upper
 93 100
 95 81.7 0.0 166.0
 174 101.7 0.0 208.8





#41

Bromodichloromethane

Concen: 19.276 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

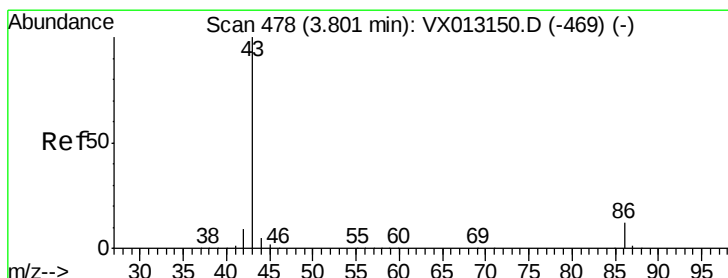
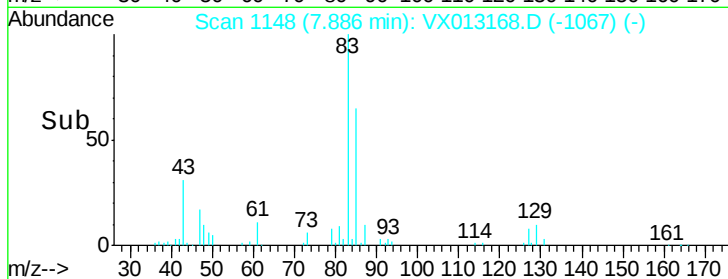
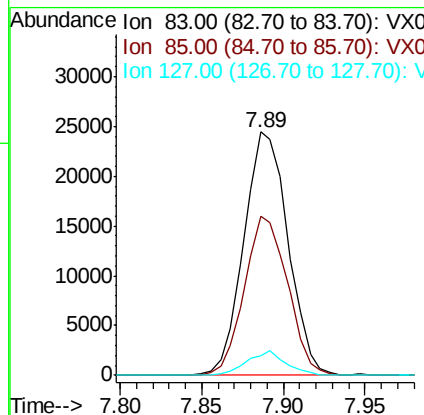
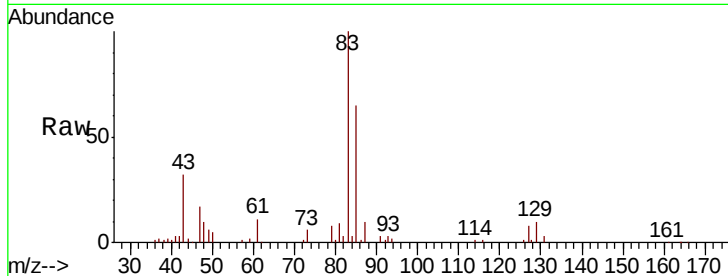
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	46106
Ion Ratio	Lower	Upper	
83	100		
85	65.2	52.1	78.1
127	8.2	7.5	11.3

Manual Integrations
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#42

Vinyl Acetate

Concen: 94.805 ug/l

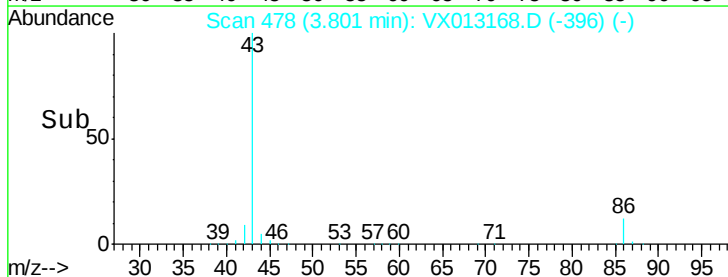
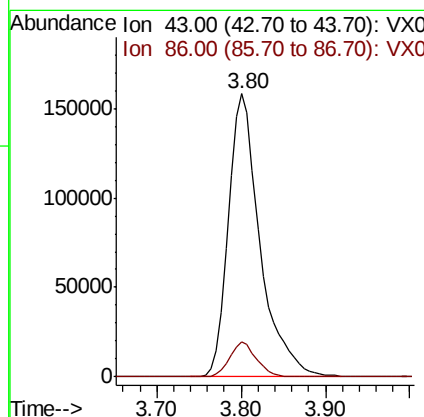
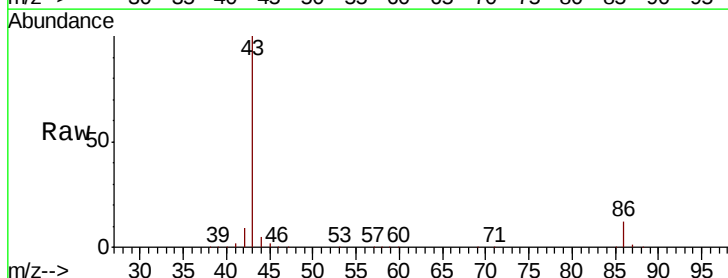
RT: 3.80 min Scan# 478

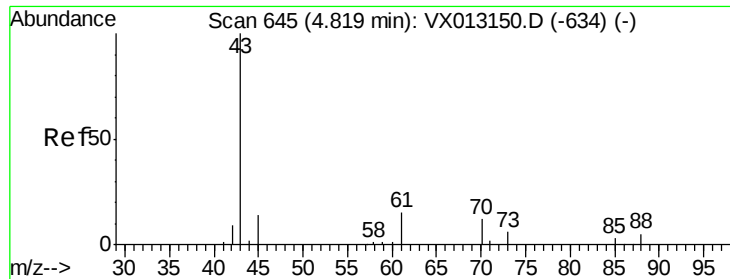
Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Tgt Ion:	43	Resp:	405312
Ion Ratio	Lower	Upper	
43	100		
86	10.4	8.6	12.8





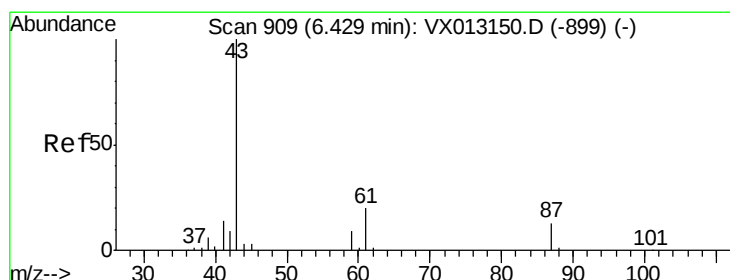
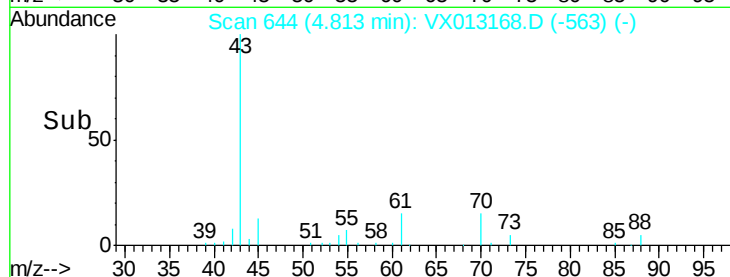
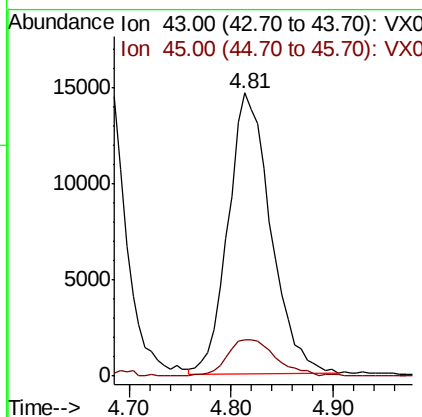
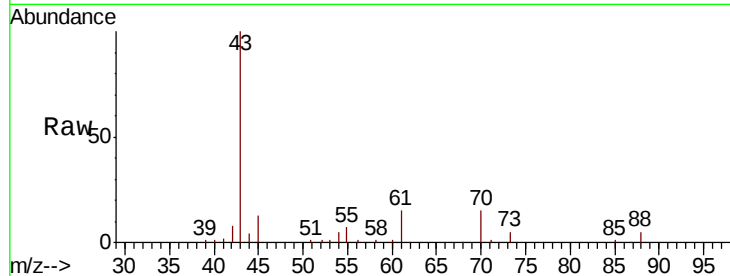
#43
Ethyl Acetate
Concen: 18.851 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 43 Resp: 42390
Ion Ratio Lower Upper
43 100
45 14.9 12.6 18.8

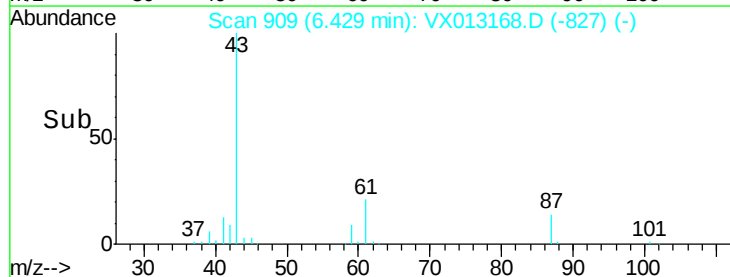
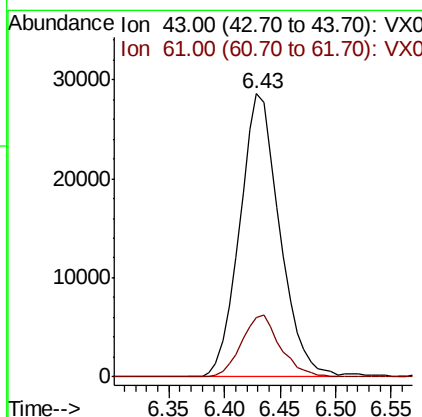
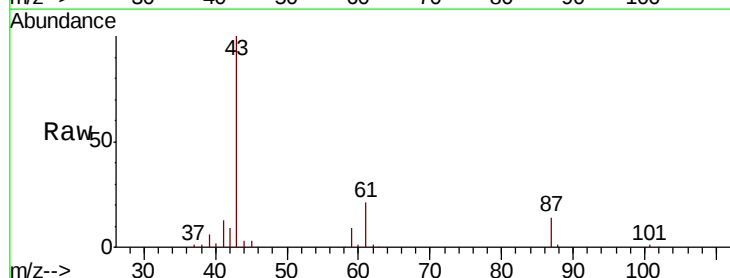
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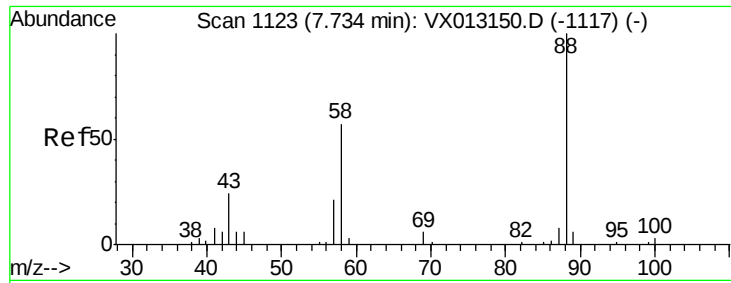
MMDadoda
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#44
Isopropyl Acetate
Concen: 18.835 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion: 43 Resp: 71181
Ion Ratio Lower Upper
43 100
61 21.3 16.8 25.2





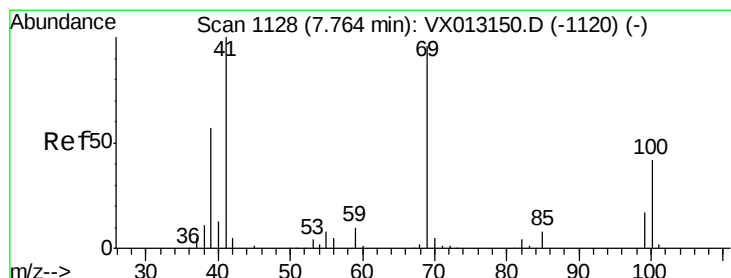
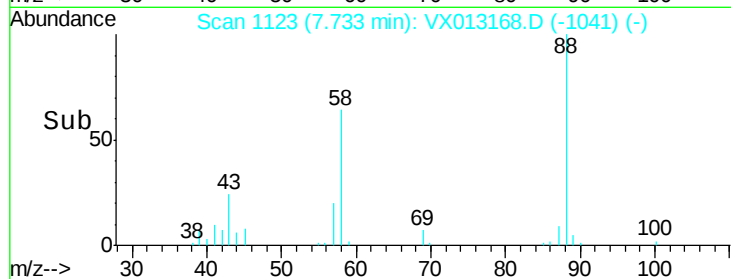
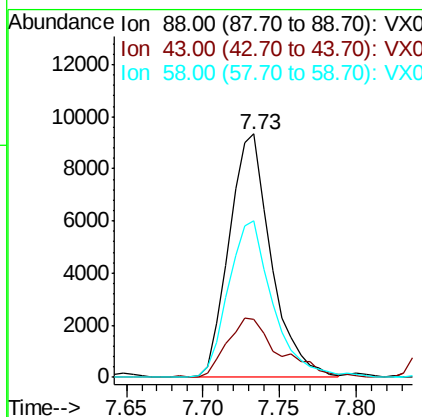
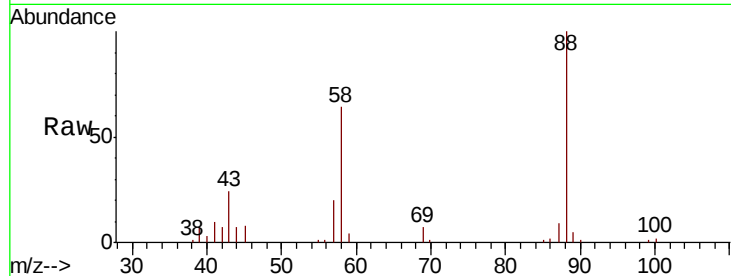
#45
 1,4-Dioxane
 Concen: 372.436 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	24.3	24.0	36.0
58	68.2	52.8	79.2

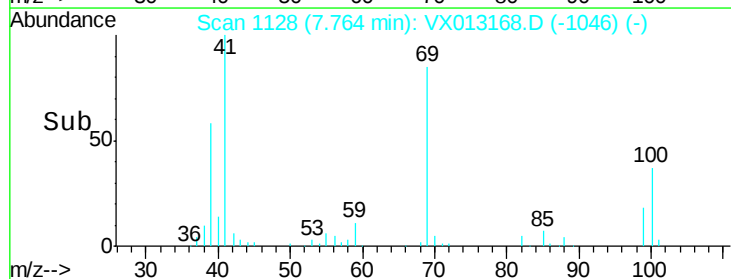
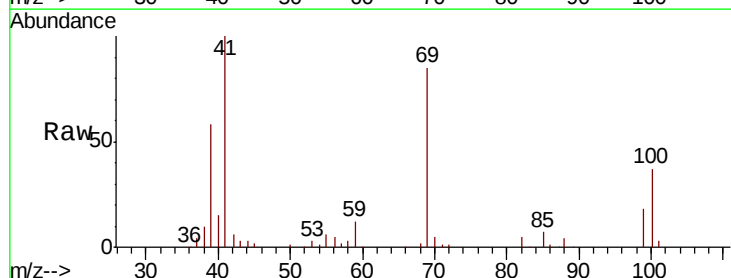
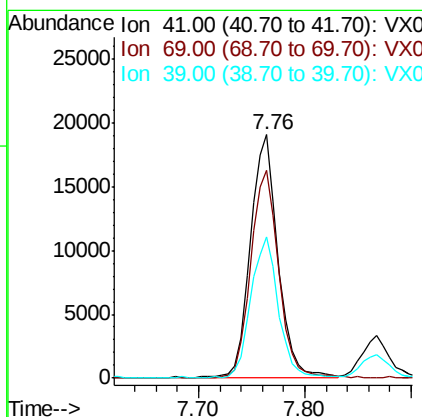
Manual Integrations
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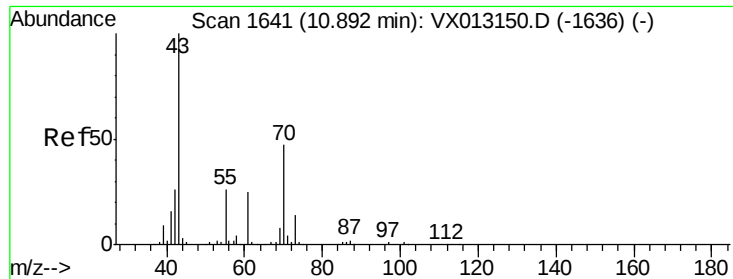
MMDadoda
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#46
 Methyl methacrylate
 Concen: 18.764 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Tgt Ion	Ratio	Lower	Upper
41	100		
69	85.1	47.8	143.3
39	57.9	28.5	85.5





#47

n-amvl Acetate

Concen: 18.320 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 58361

Ion Ratio Lower Upper

43 100

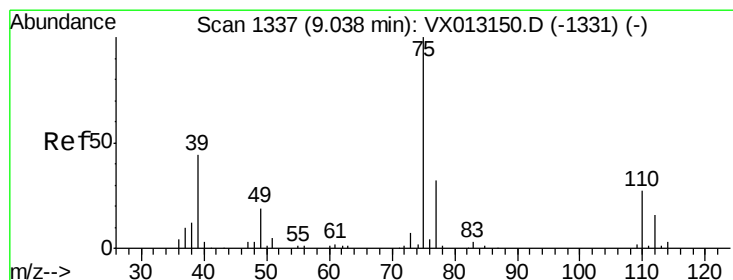
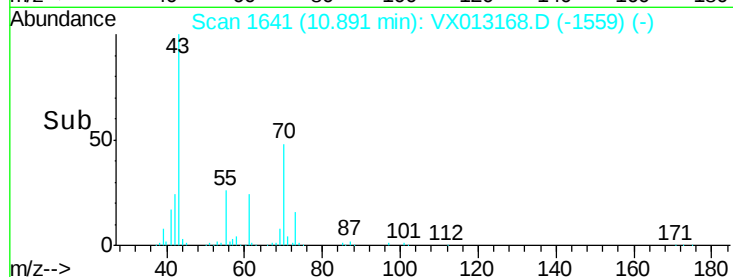
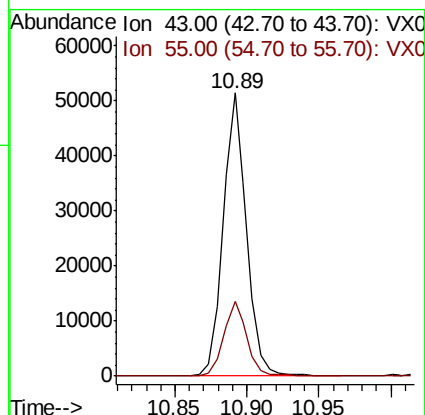
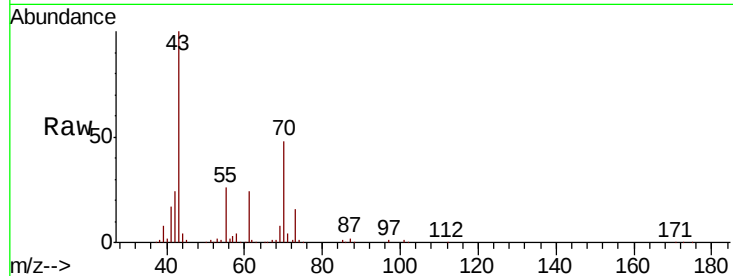
55 26.5 20.9 31.3

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 18.195 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013168.D

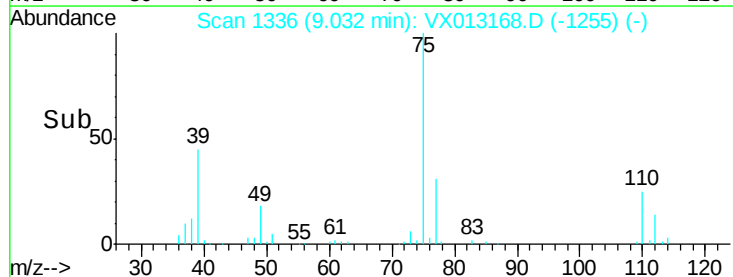
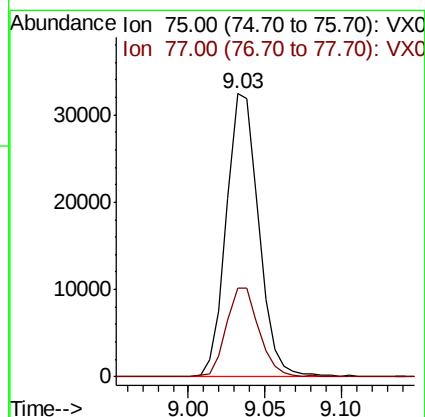
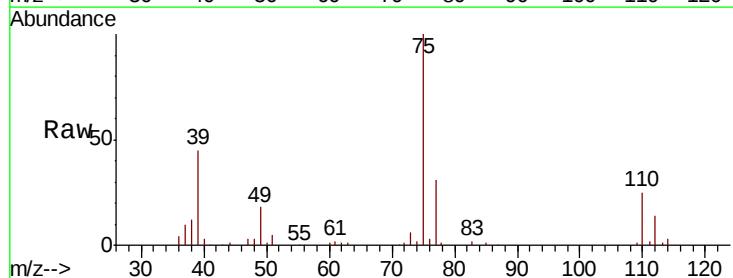
Acq: 22 Oct 2019 09:44

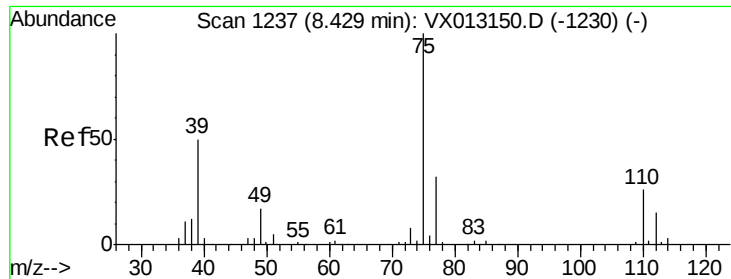
Tgt Ion: 75 Resp: 47741

Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4





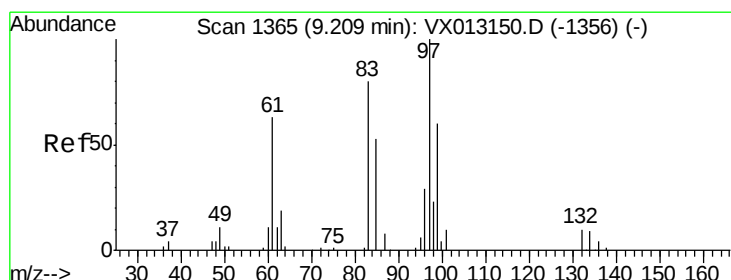
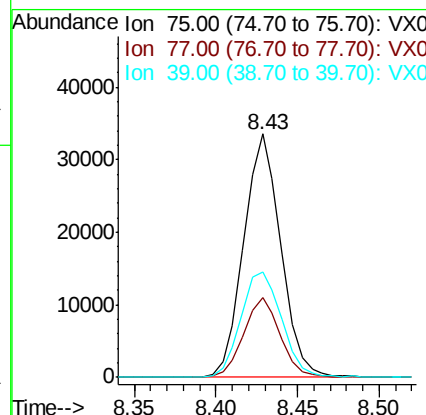
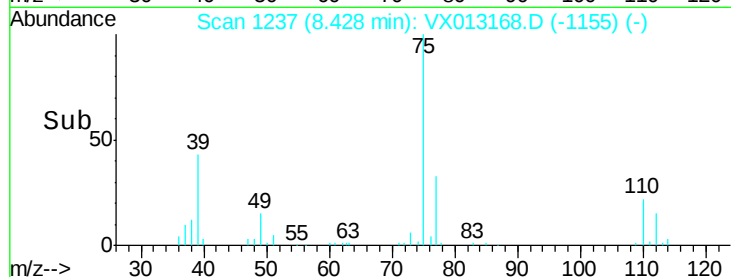
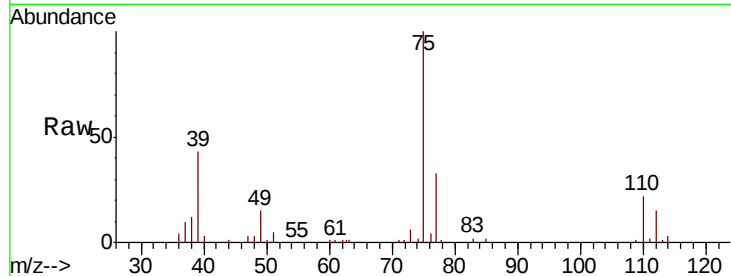
#49
 cis-1,3-Dichloropropene
 Concen: 18.647 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.8	38.8
39	43.2	39.7	59.5

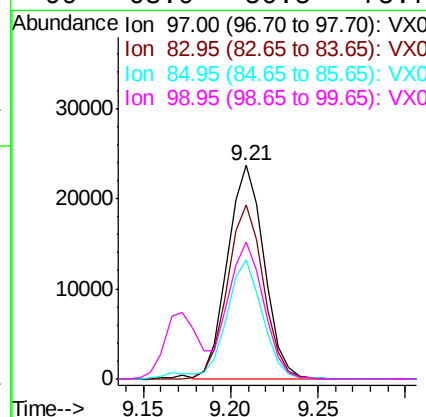
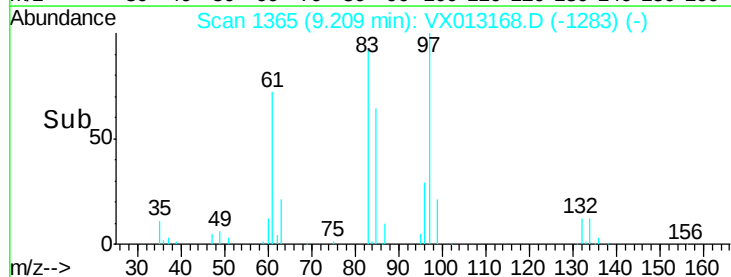
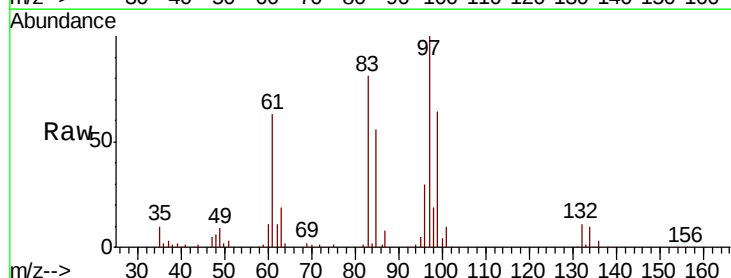
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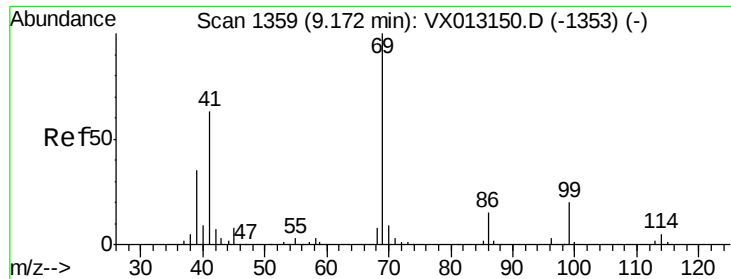
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#50
 1,1,2-Trichloroethane
 Concen: 19.705 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.5	64.2	96.4
85	55.6	42.7	64.1
99	63.9	50.5	75.7





#51

Ethyl methacrylate

Concen: 18.615 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

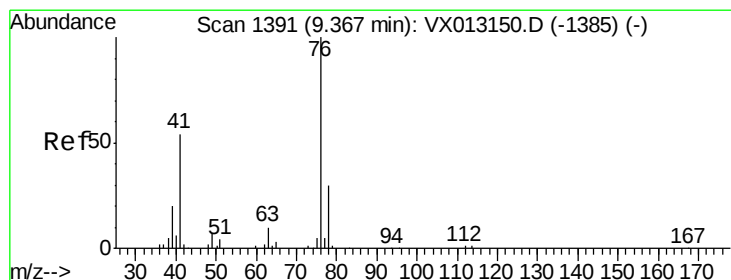
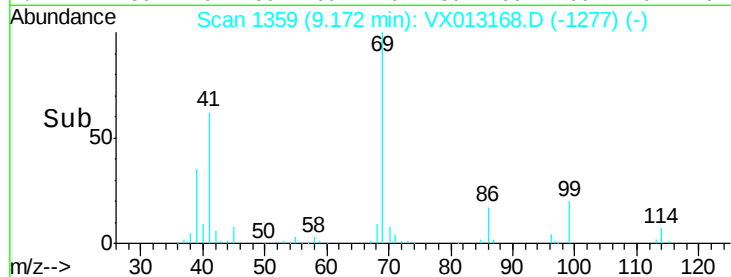
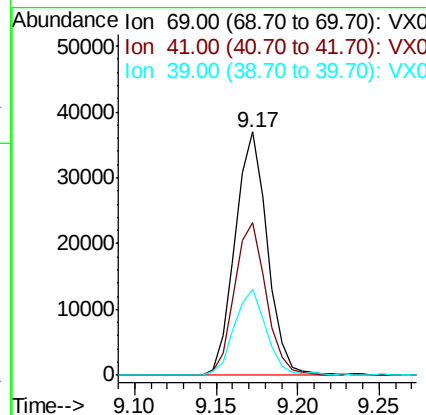
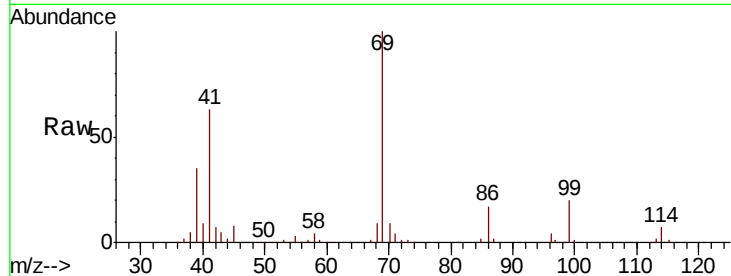
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	51133
Ion	Ratio	Lower	Upper
69	100		
41	62.9	31.6	95.0
39	35.1	17.7	53.1

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#52

1,3-Dichloropropane

Concen: 19.442 ug/l

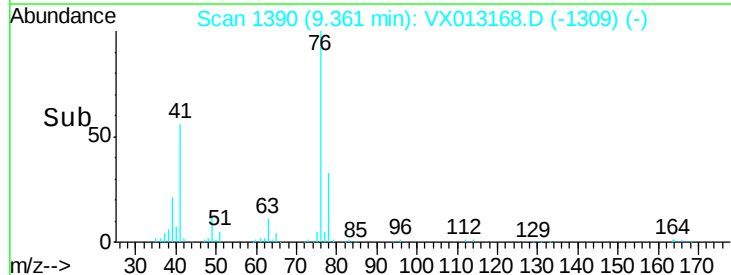
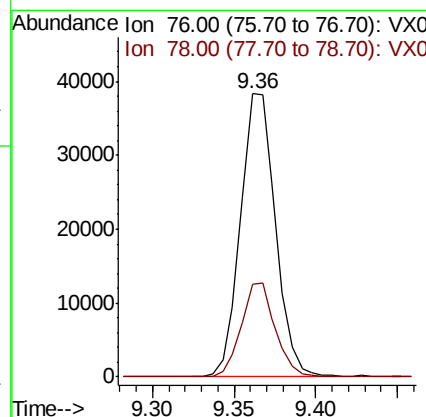
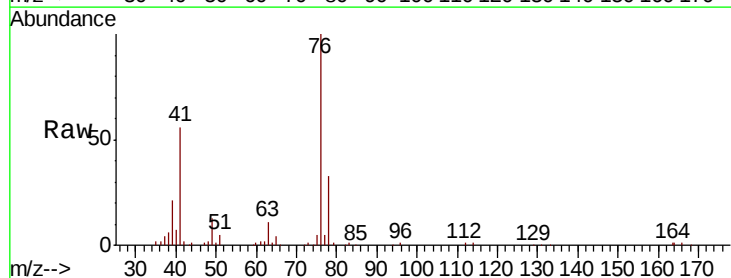
RT: 9.36 min Scan# 1390

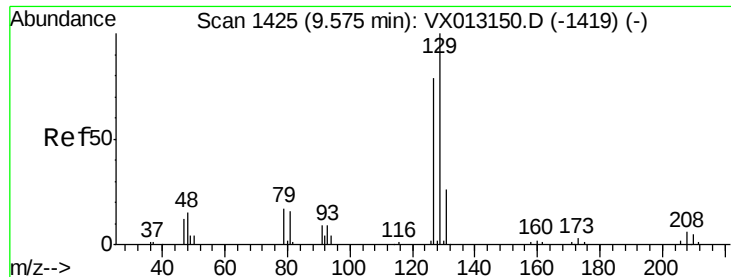
Delta R.T. -0.01 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Tgt Ion:	76	Resp:	57358
Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	64.6





#53

Dibromochloromethane

Concen: 18.723 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:129 Resp: 35381

Ion Ratio Lower Upper

129 100

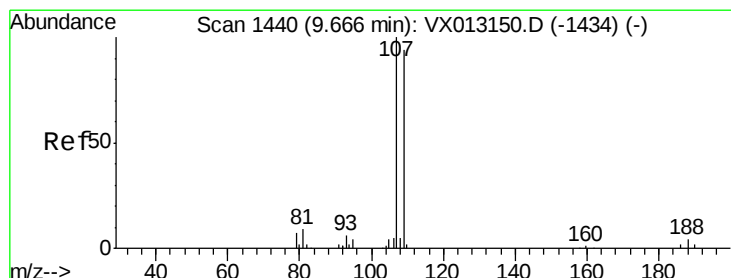
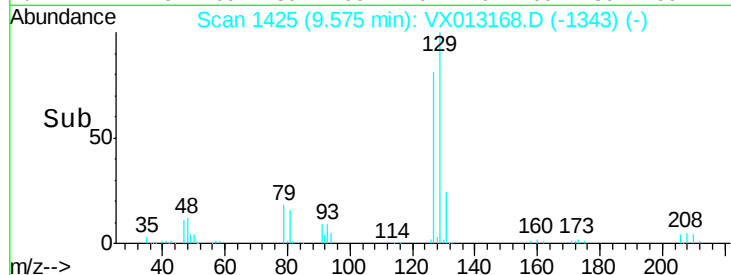
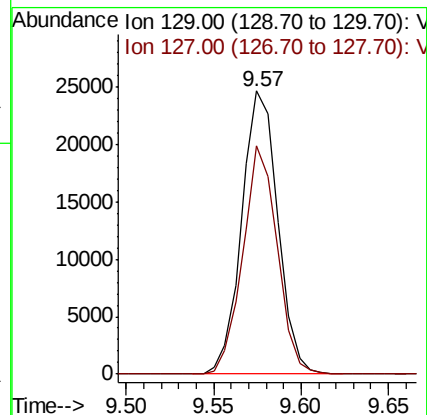
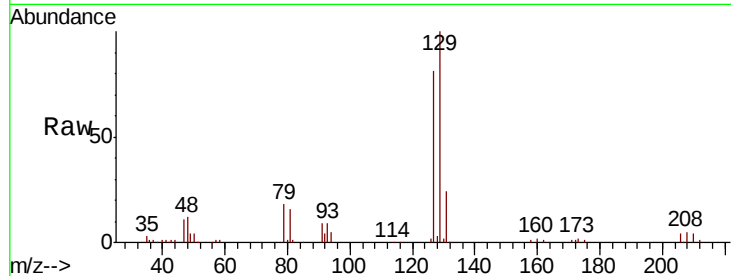
127 77.0 39.4 118.2

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#54

1,2-Dibromoethane

Concen: 19.020 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013168.D

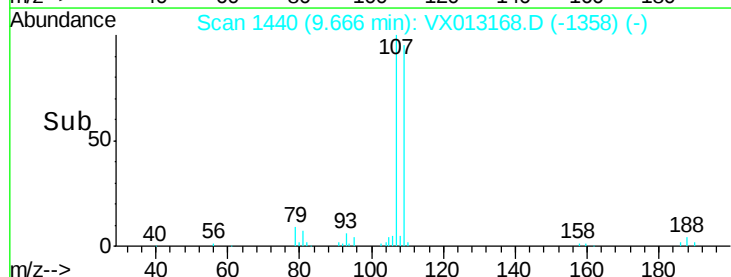
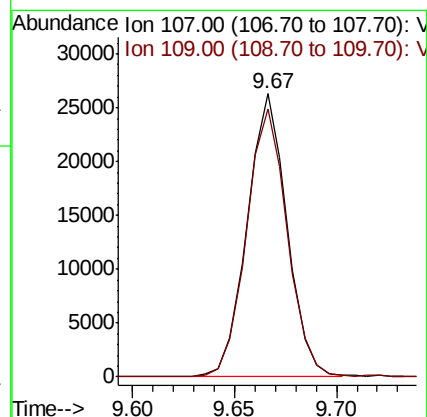
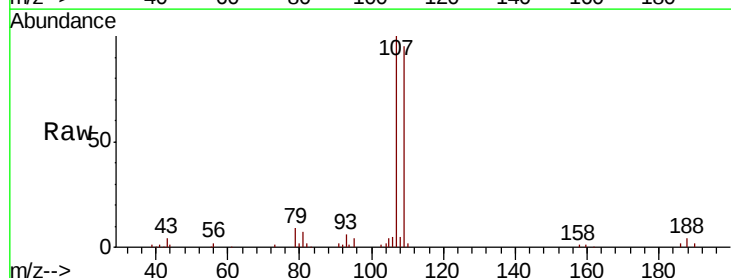
Acq: 22 Oct 2019 09:44

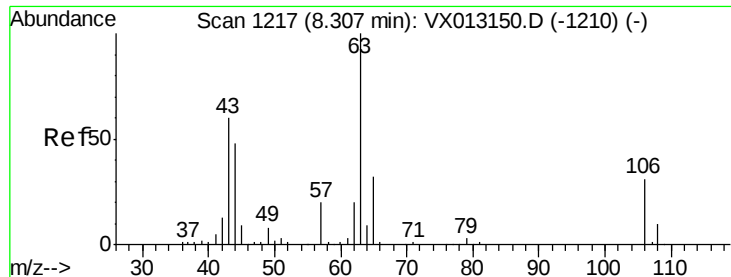
Tgt Ion:107 Resp: 35626

Ion Ratio Lower Upper

107 100

109 97.0 75.4 113.0





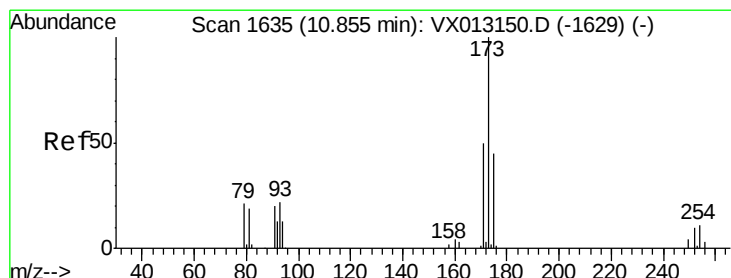
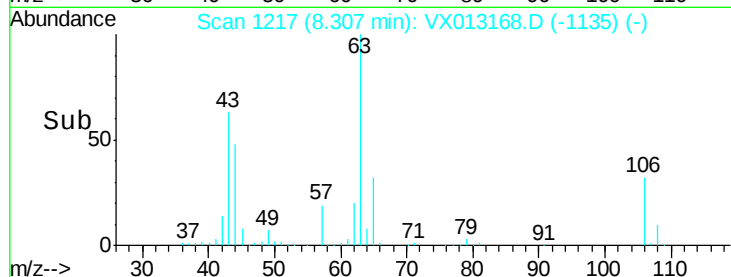
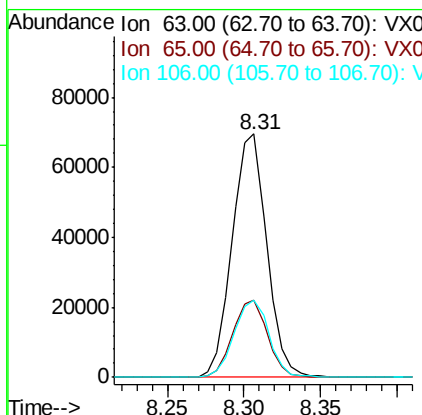
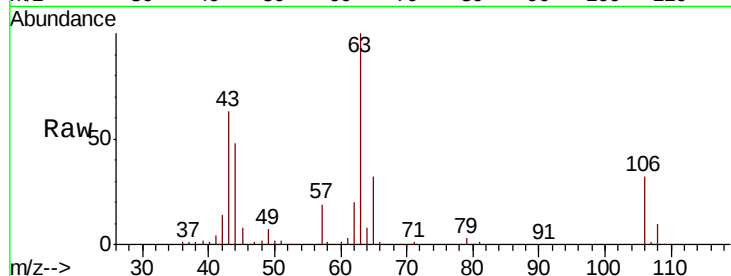
#55
2-Chloroethyl vinyl ether
Concen: 98.269 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.5	38.3
106	31.9	24.8	37.2

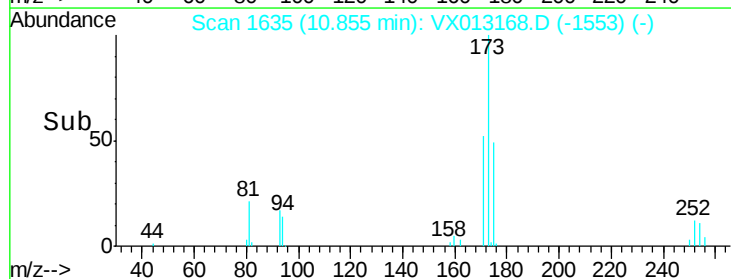
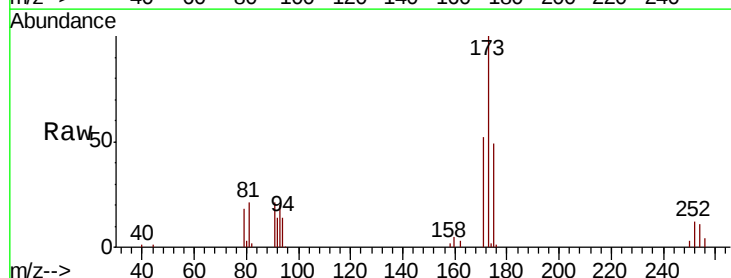
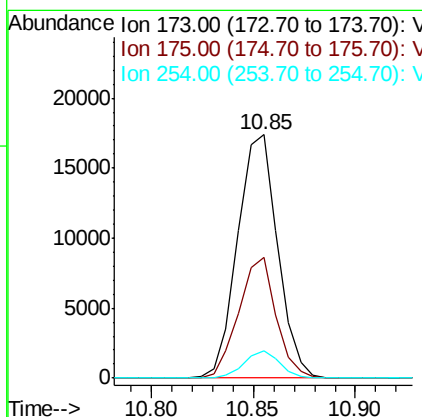
Manual Integrations
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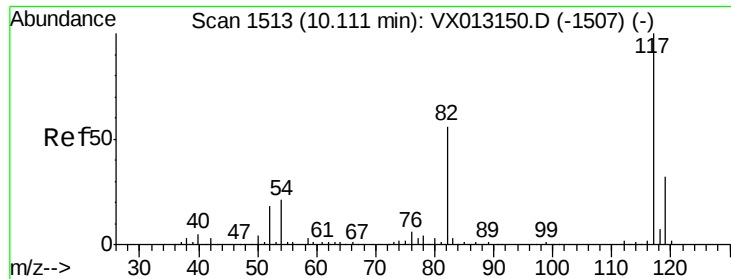
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#56
Bromoform
Concen: 17.674 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.1	39.0	58.4
254	10.0	8.1	12.1





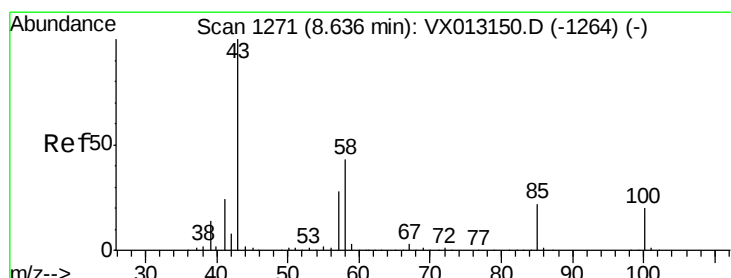
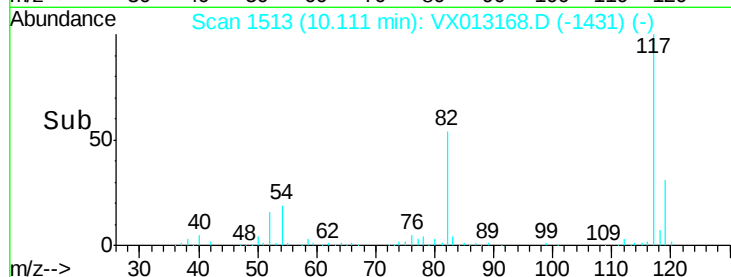
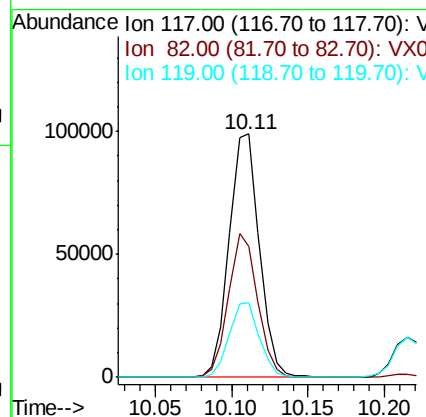
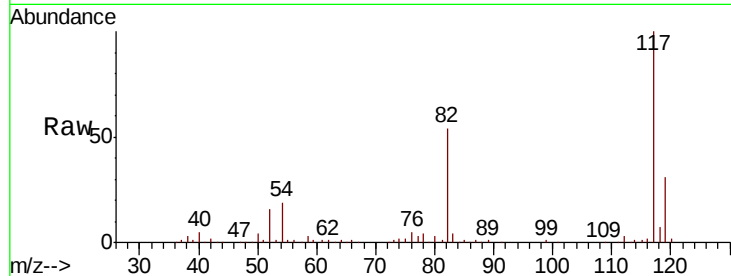
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	46.0	69.0
119	30.7	25.4	38.0

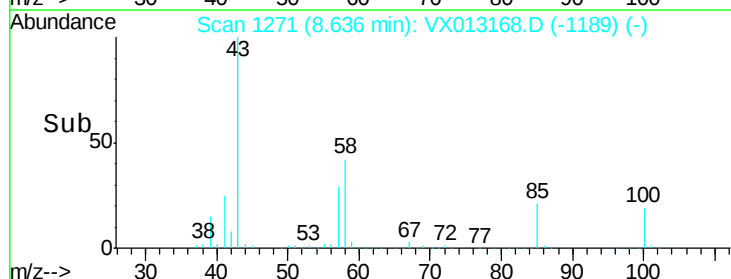
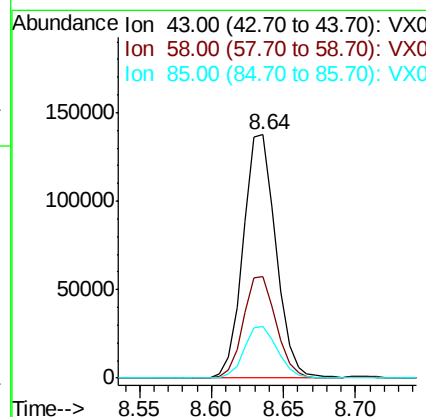
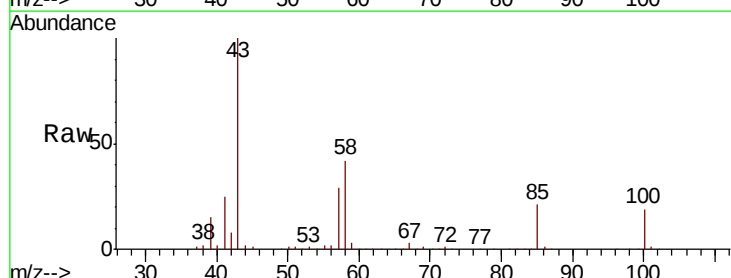
Manual Integrations
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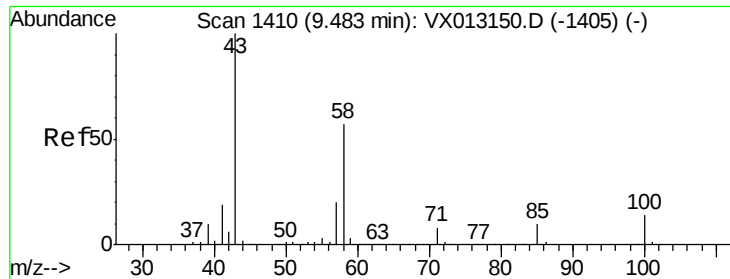
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 94.822 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.9	33.8	50.8
85	21.3	16.8	25.2





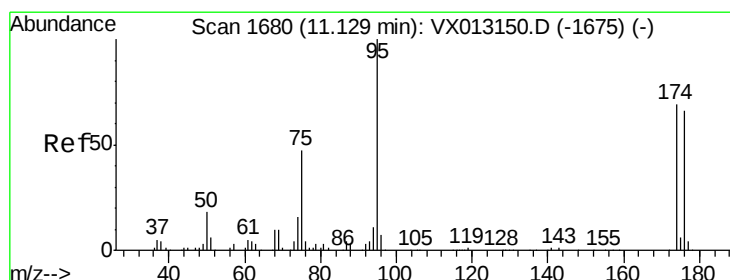
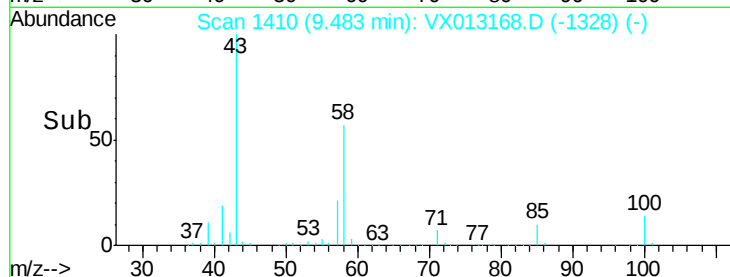
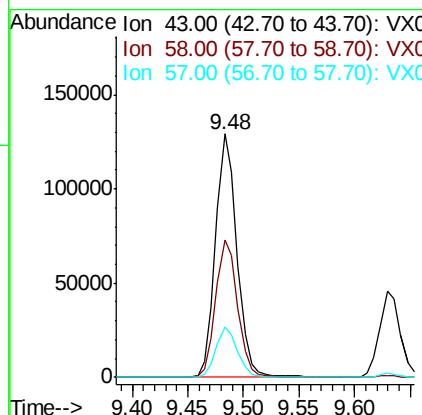
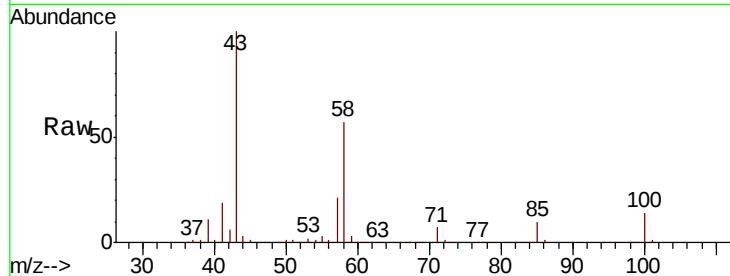
#59
2-Hexanone
Concen: 95.891 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.8	46.6	69.8
57	20.9	16.9	25.3

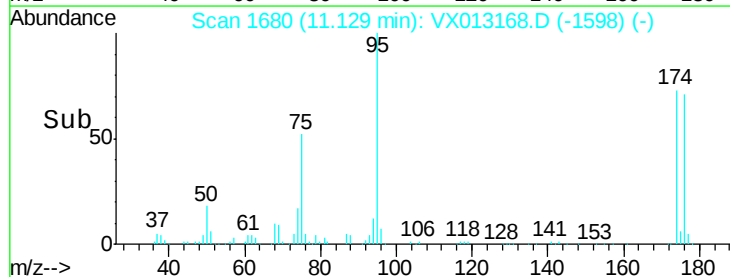
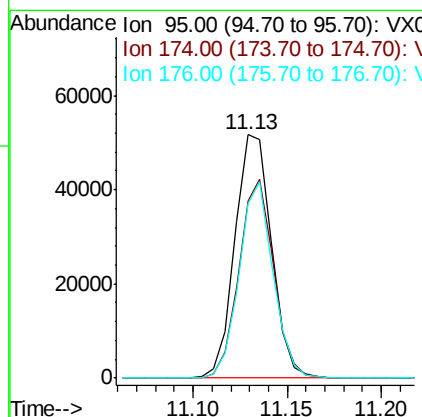
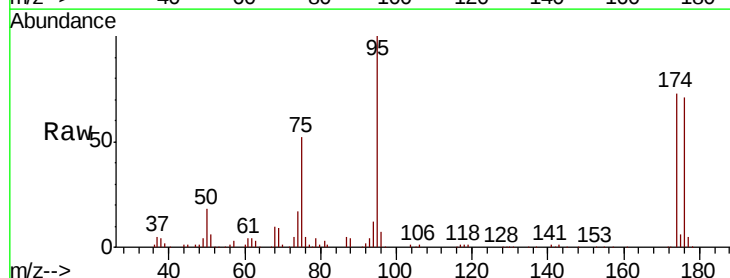
Manual Integrations
APPROVED

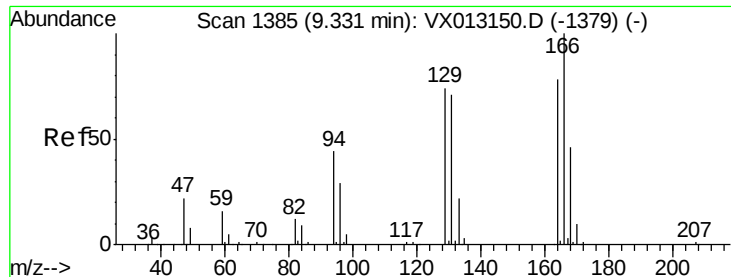
MMDadoda
10/23/2019 3:10:18 PM



#60
4-Bromofluorobenzene
Concen: 29.452 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.3	60.0	90.0
176	74.4	58.5	87.7





#61

Tetrachloroethene

Concen: 20.870 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:164 Resp: 37608

Ion Ratio Lower Upper

164 100

166 122.6 102.6 153.8

129 88.0 75.7 113.5

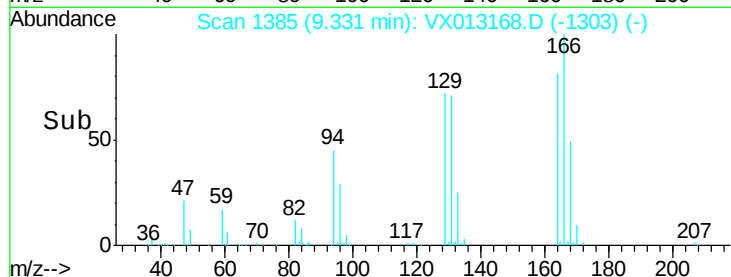
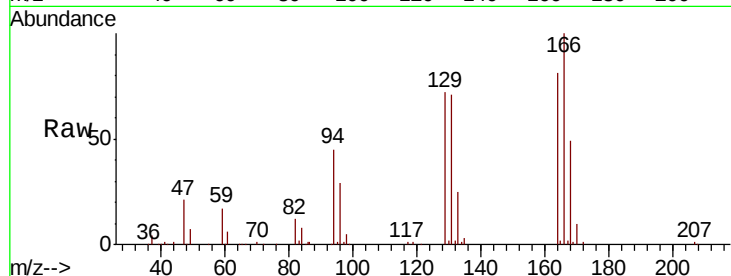
131 87.5 72.4 108.6

Manual Integrations

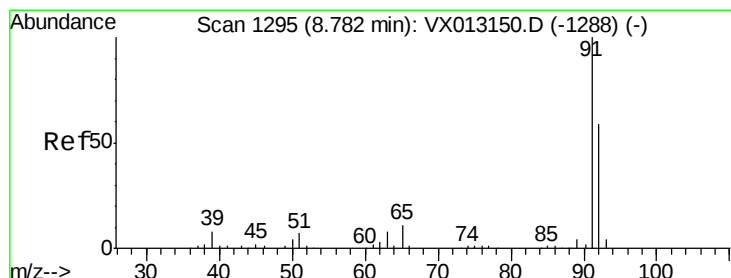
APPROVED

MMDadoda

10/23/2019 3:10:18 PM



Time-->



#62

Toluene

Concen: 19.549 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013168.D

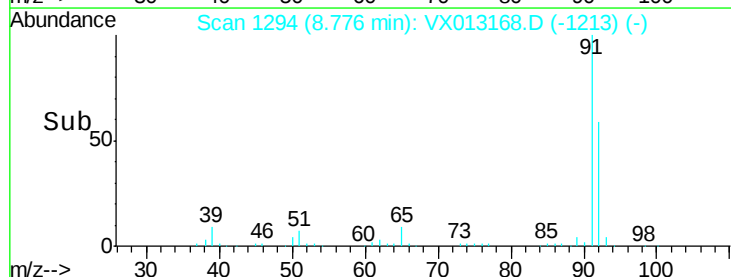
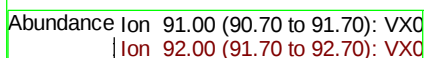
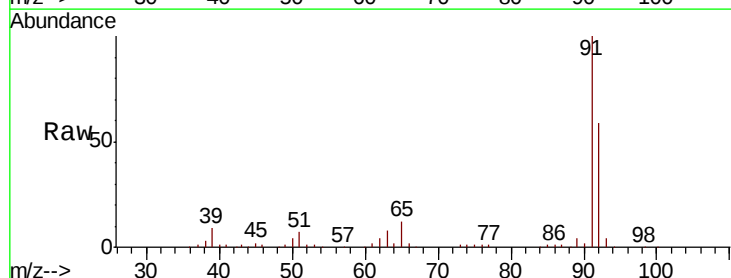
Acq: 22 Oct 2019 09:44

Tgt Ion: 91 Resp: 143450

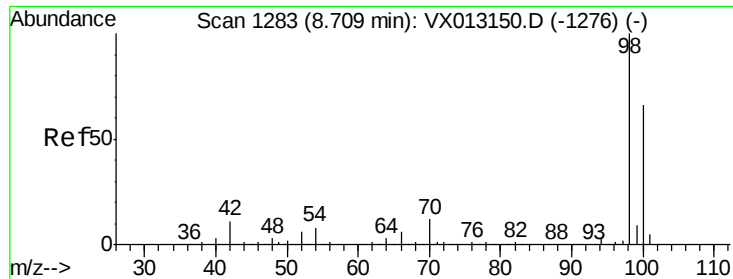
Ion Ratio Lower Upper

91 100

92 59.1 47.7 71.5



Time-->



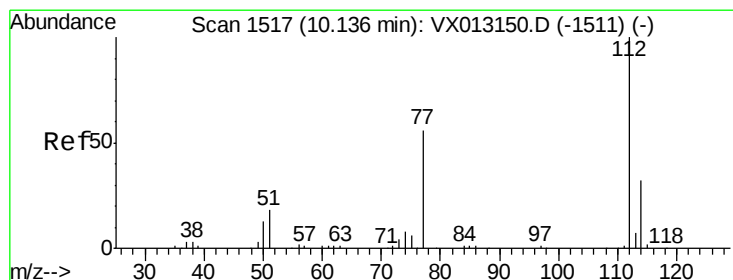
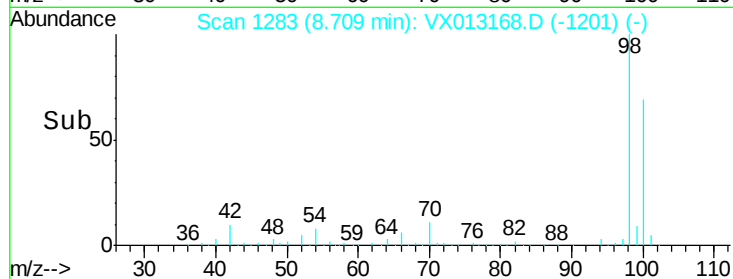
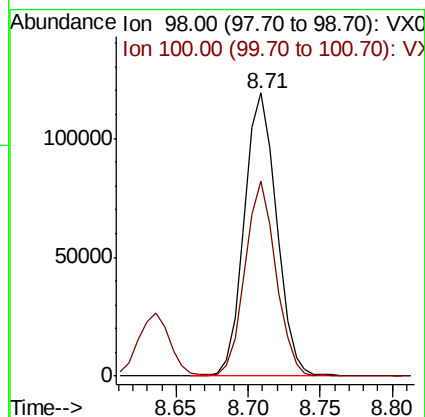
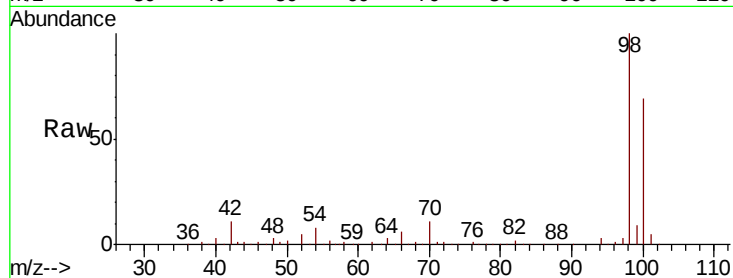
#63
Toluene-d8
Concen: 30.570 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 98 Resp: 184818
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

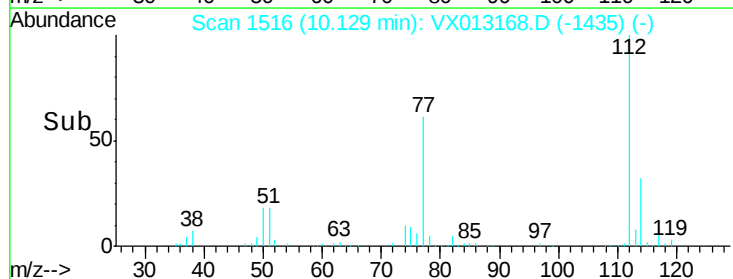
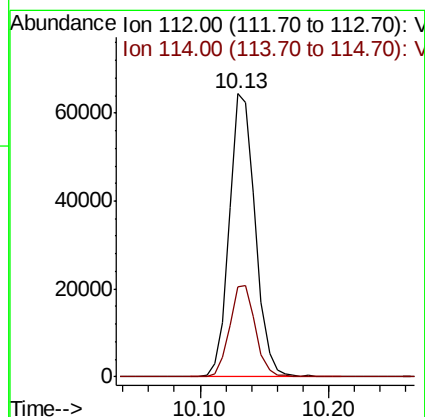
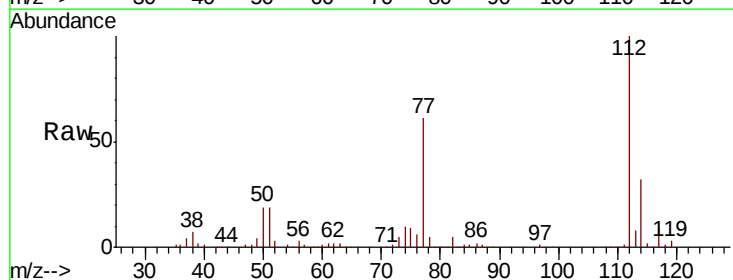
Manual Integrations
APPROVED

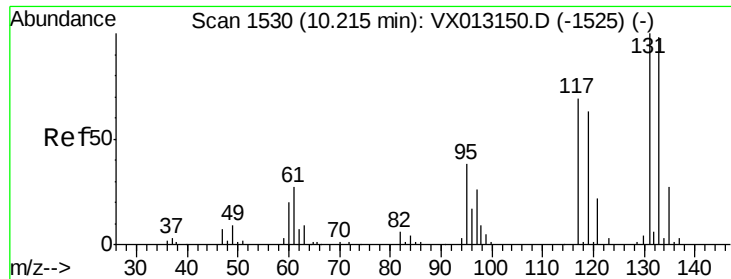
MMDadoda
10/23/2019 3:10:18 PM



#64
Chlorobenzene
Concen: 19.340 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion: 112 Resp: 90996
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3





#65

1,1,1,2-Tetrachloroethane

Concen: 18.904 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

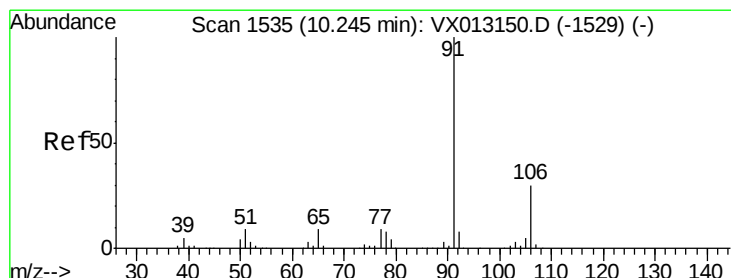
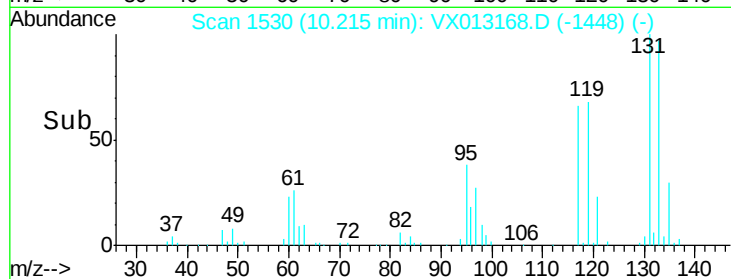
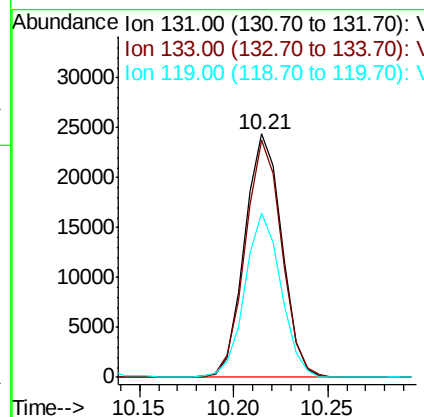
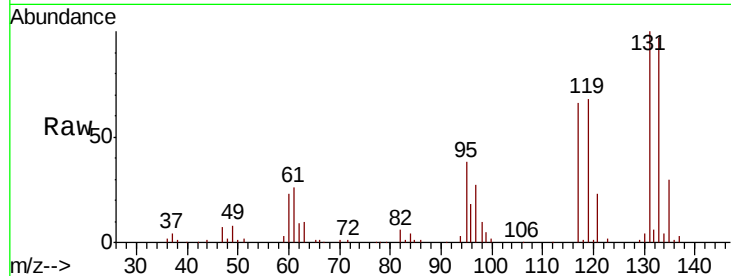
ClientSampleId :

VSTDCCC020

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.2	0.0	191.0
119	66.0	0.0	125.6

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.282 ug/l

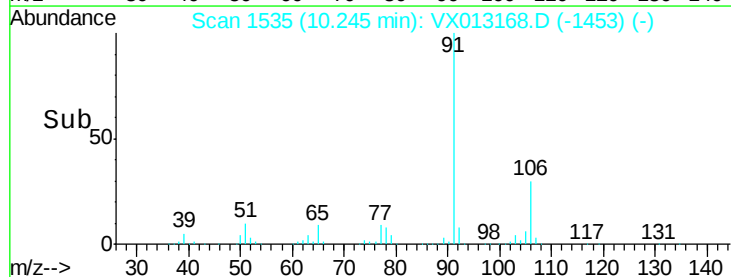
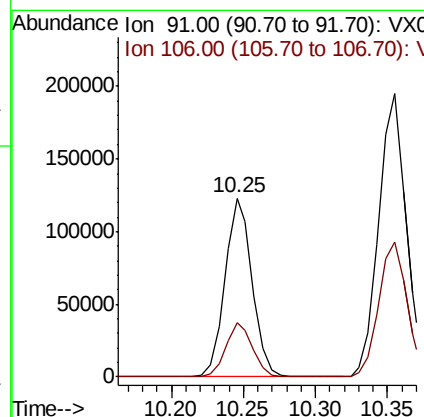
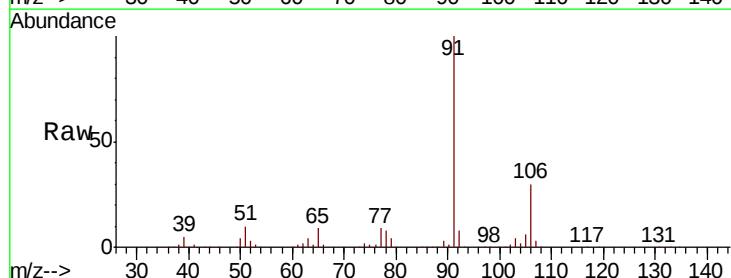
RT: 10.25 min Scan# 1535

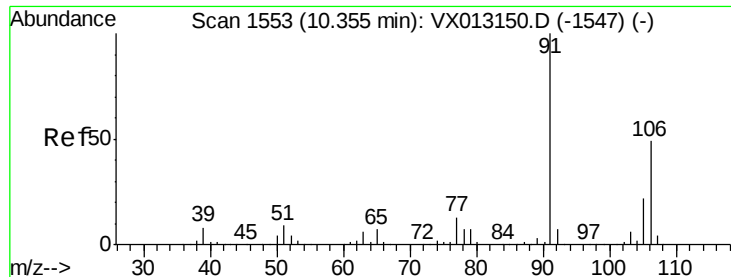
Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.5	23.8	35.6





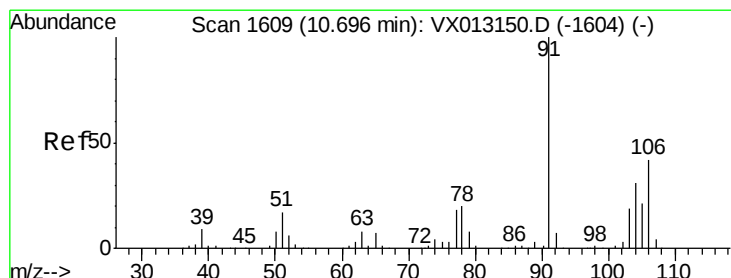
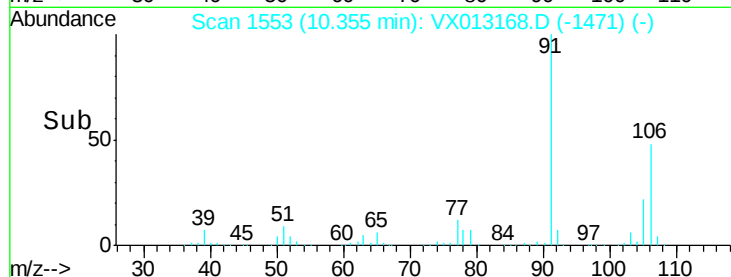
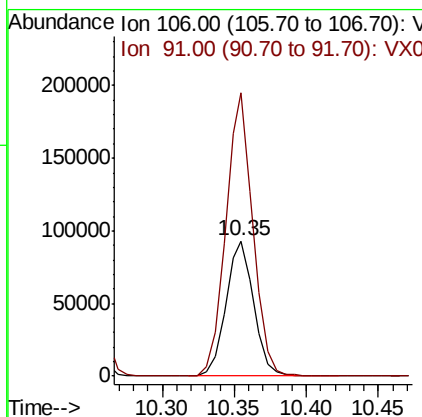
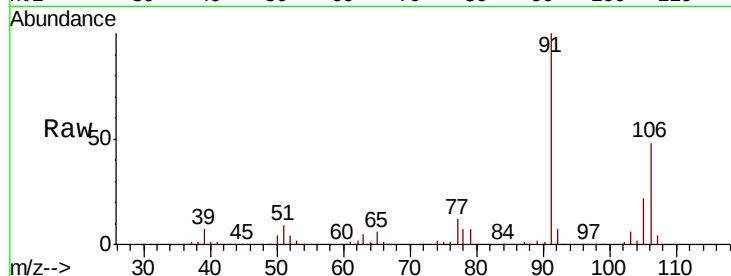
#67
m/p-Xylenes
Concen: 39.022 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:106 Resp: 125254
Ion Ratio Lower Upper
106 100
91 204.7 163.7 245.5

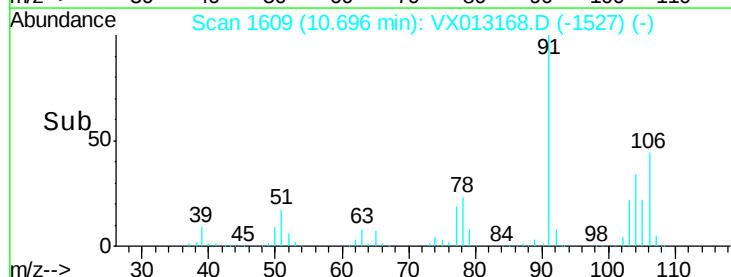
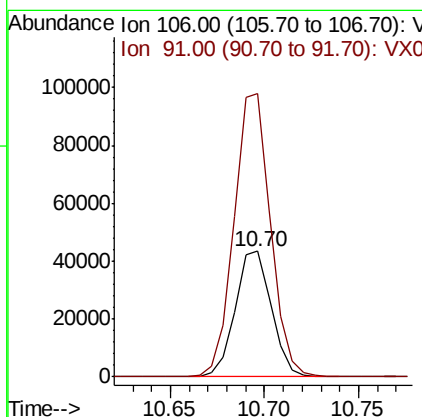
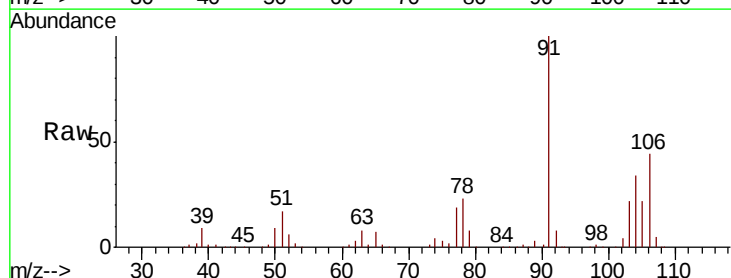
Manual Integrations
APPROVED

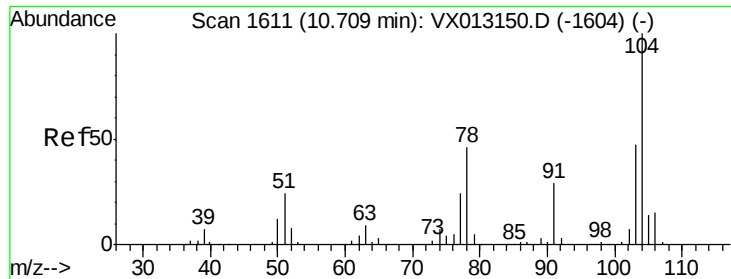
MMDadoda
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#68
o-Xylene
Concen: 18.907 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion:106 Resp: 57934
Ion Ratio Lower Upper
106 100
91 226.5 113.6 340.8





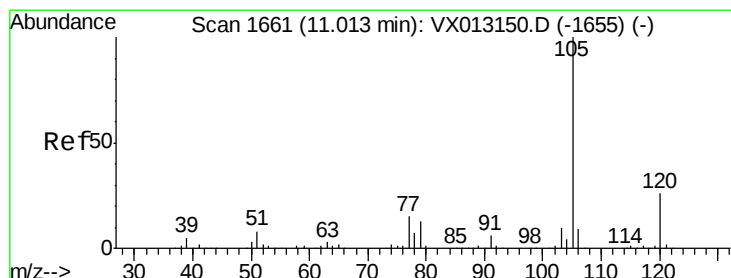
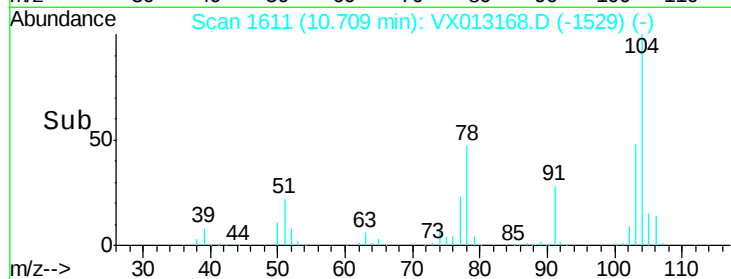
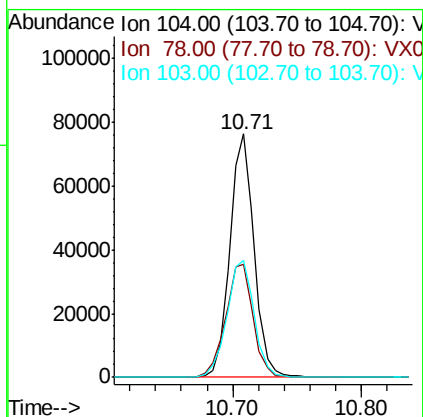
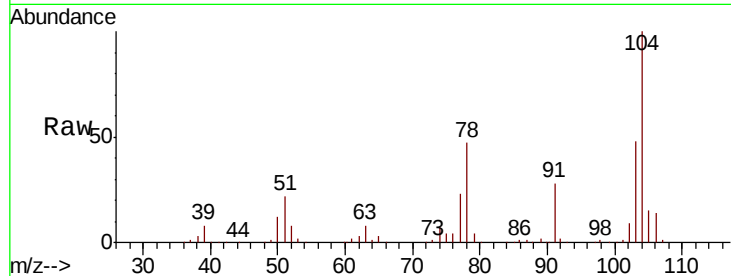
#69
Stvrene
Concen: 19.081 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.7	42.3	63.5
103	54.3	42.2	63.2

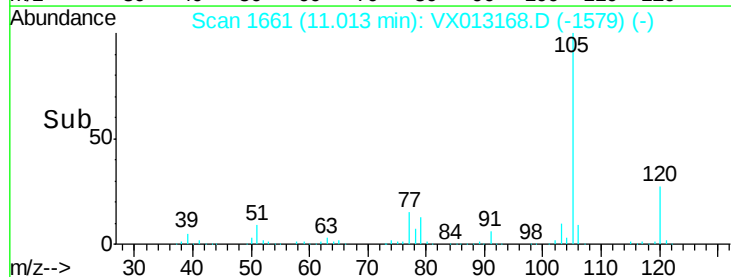
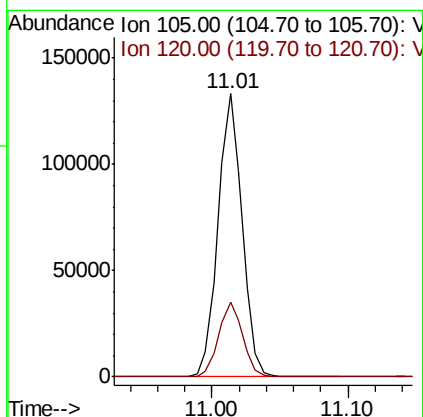
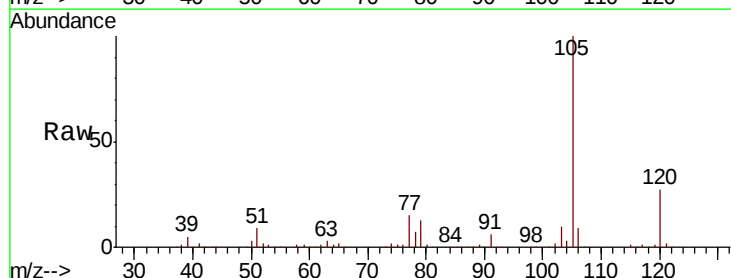
Manual Integrations
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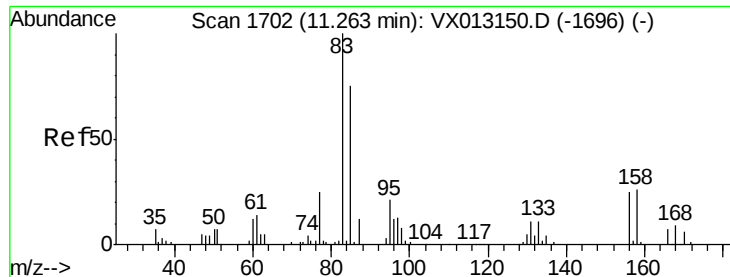
MMDadoda
10/23/2019 3:10:18 PM



#70
Isopropylbenzene
Concen: 19.430 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	18.1	33.7





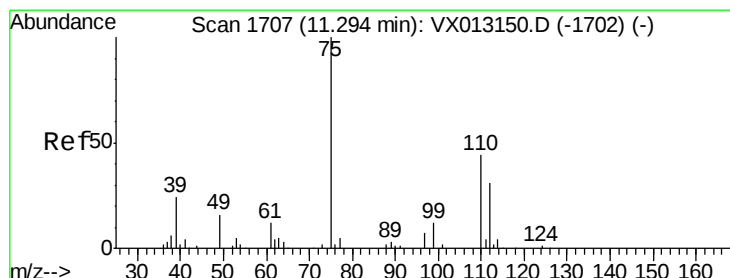
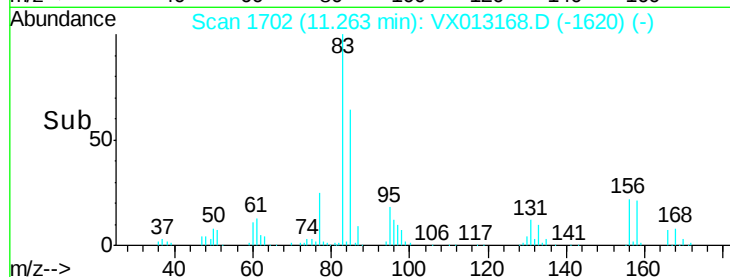
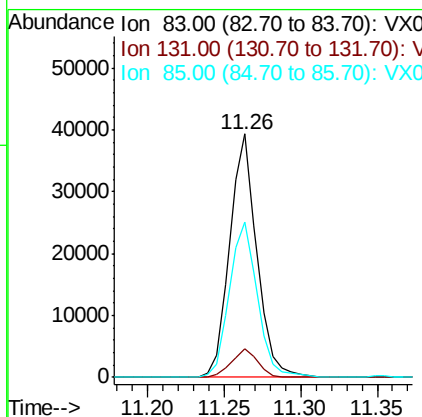
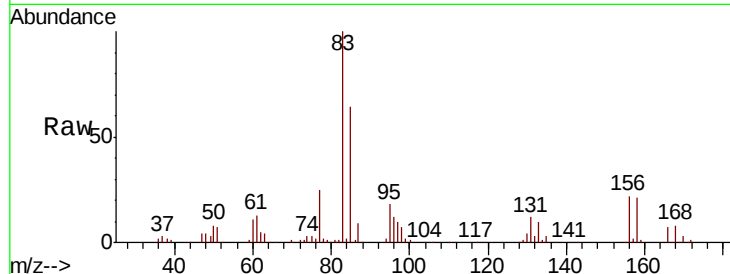
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.762 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	83	Resp	48339
Ion Ratio	100	Lower	Upper
83	100		
131	11.6	5.5	16.4
85	65.7	32.9	98.6

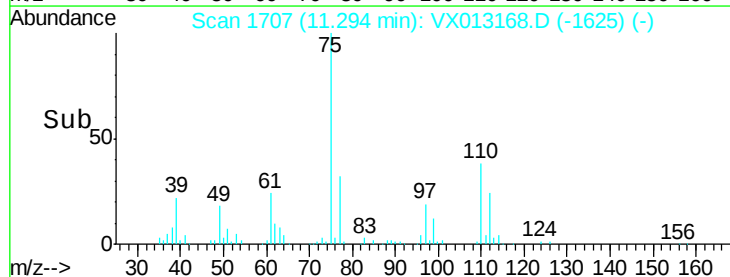
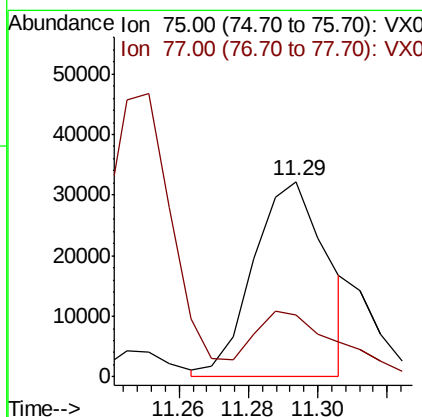
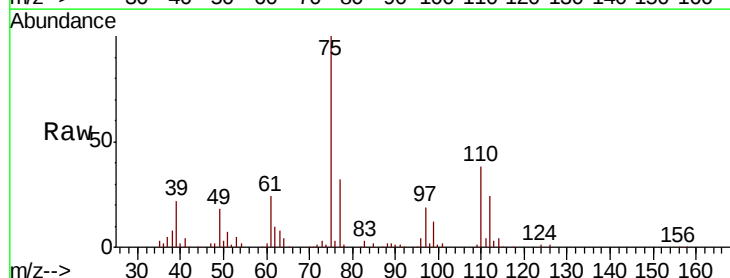
Manual Integrations
 APPROVED

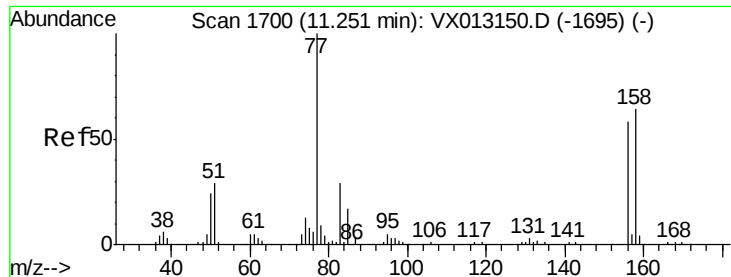
MMDadoda
 10/23/2019 3:10:18 PM



#72
 1,2,3-Trichloropropane
 Concen: 21.116 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Tgt Ion	75	Resp	47252
Ion Ratio	100	Lower	Upper
75	100		
77	38.1	0.0	74.0





#73

Bromobenzene

Concen: 19.440 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

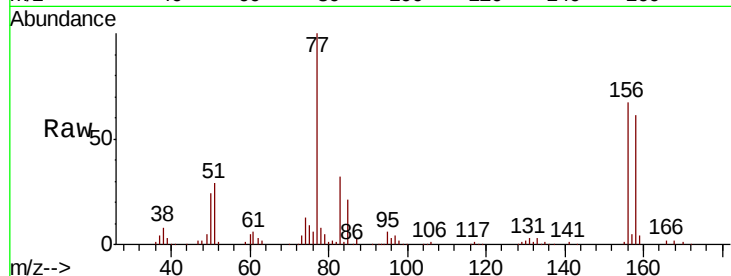
ClientSampleId :

VSTDCCC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	159.0	0.0	328.0
158	95.9	0.0	196.2

Manual Integrations
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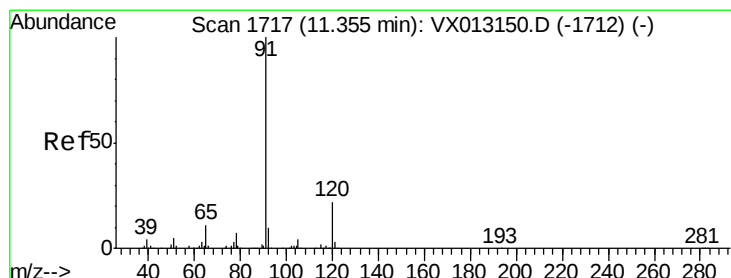
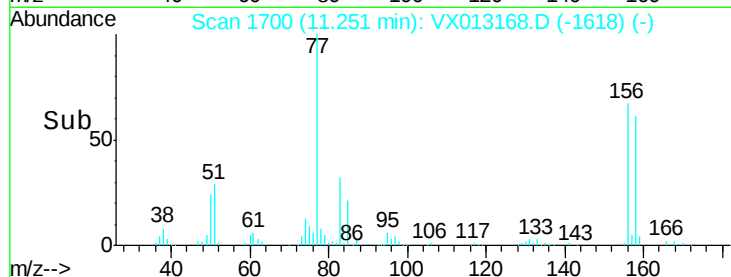
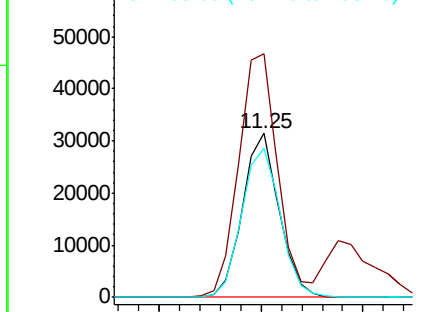


Abundance

Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.784 ug/l

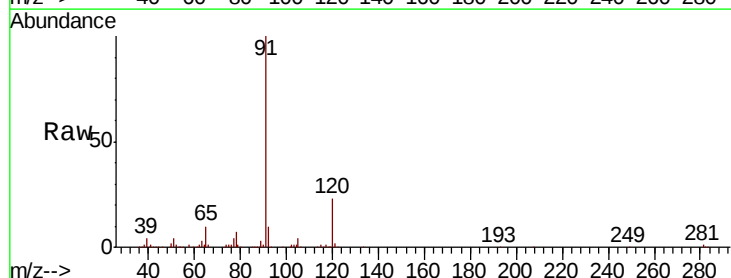
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

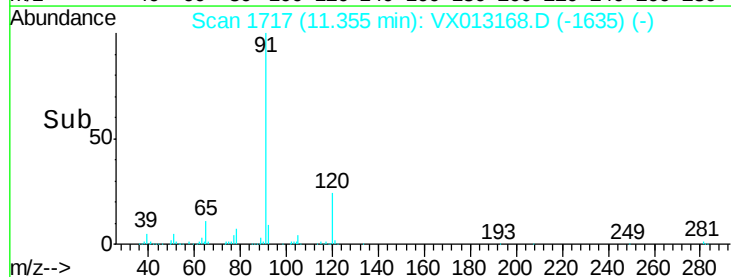
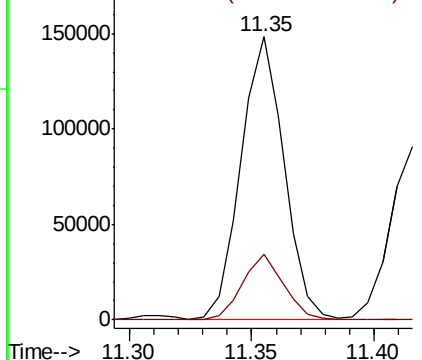
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	0.0	45.2

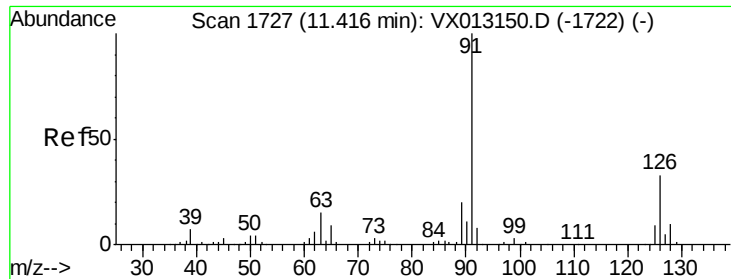


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.244 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 111127

Ion Ratio Lower Upper

91 100

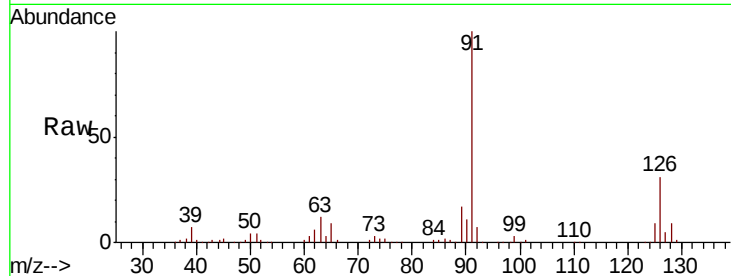
126 32.1 0.0 63.8

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX013150.D (-1722) (-)

Ion 126.00 (125.70 to 126.70): VX013150.D (-1722) (-)

150000

100000

50000

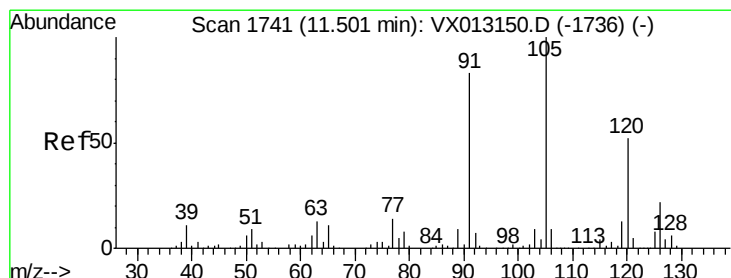
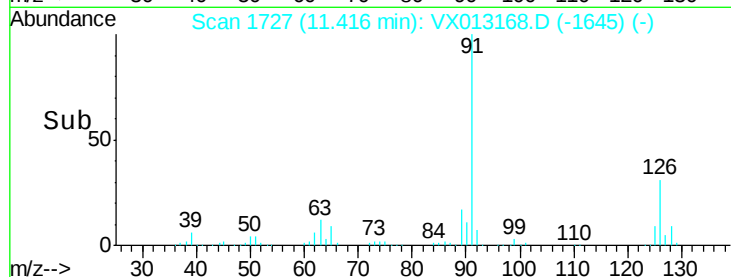
0

11.42

11.40

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.794 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013168.D

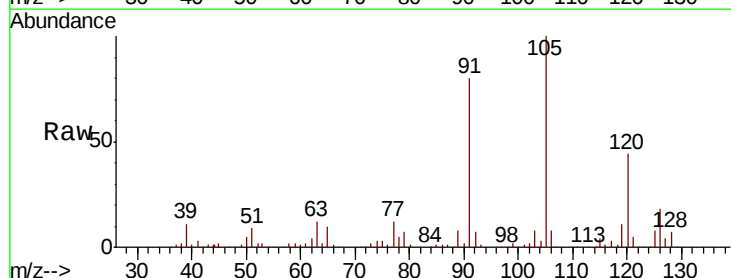
Acq: 22 Oct 2019 09:44

Tgt Ion: 105 Resp: 132649

Ion Ratio Lower Upper

105 100

120 48.1 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): VX013150.D (-1736) (-)

Ion 120.00 (119.70 to 120.70): VX013150.D (-1736) (-)

100000

50000

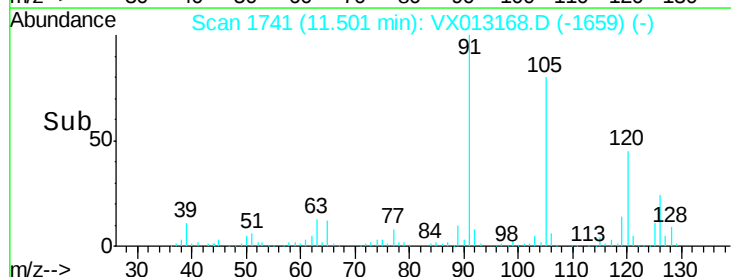
0

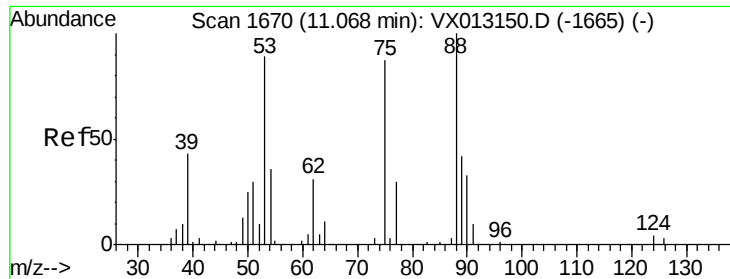
11.50

11.45

11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 17.538 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 75 Resp: 15238

Ion Ratio Lower Upper

75 100

53 101.4 51.1 153.4

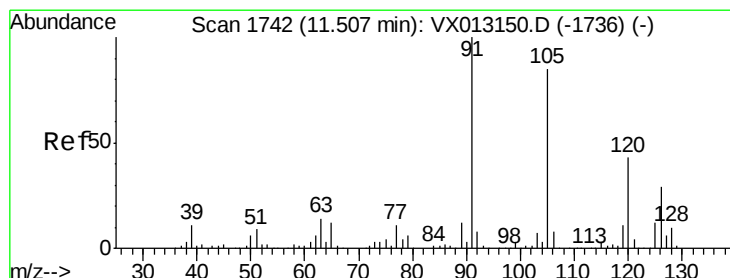
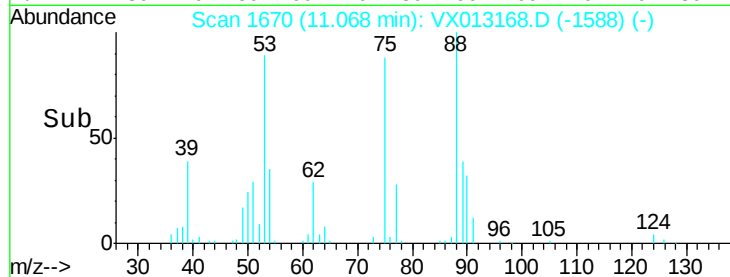
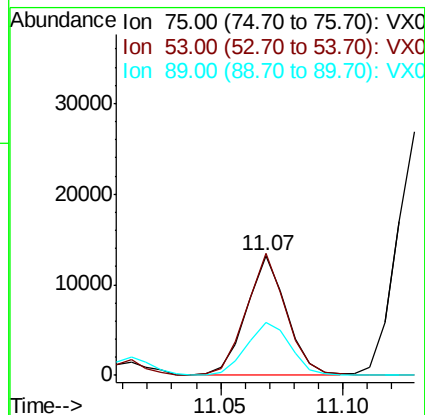
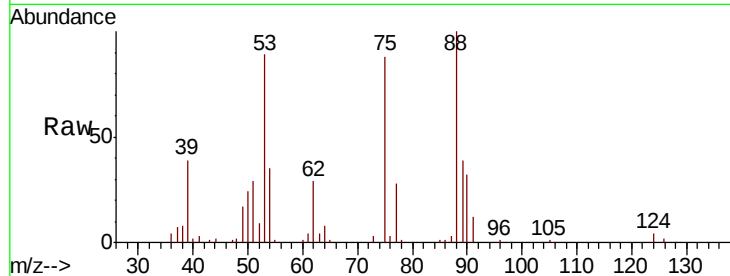
89 44.2 24.1 72.4

Manual Integrations

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#78

4-Chlorotoluene

Concen: 19.099 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013168.D

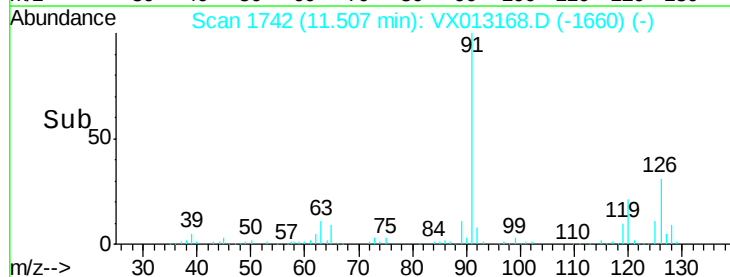
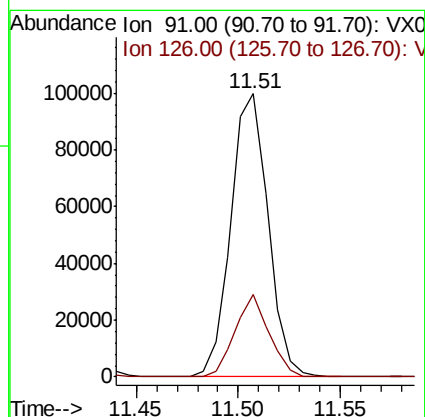
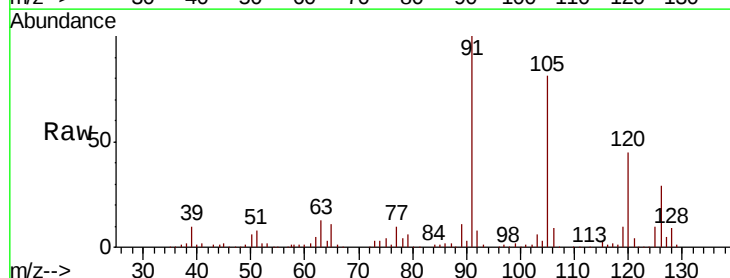
Acq: 22 Oct 2019 09:44

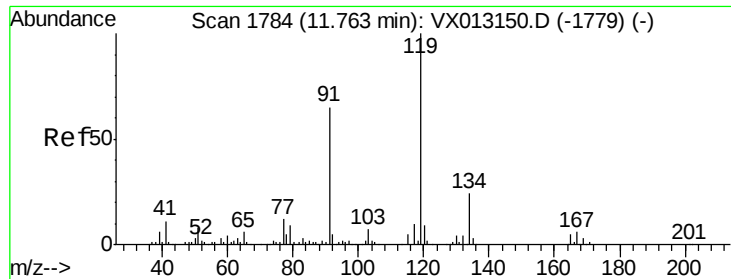
Tgt Ion: 91 Resp: 126021

Ion Ratio Lower Upper

91 100

126 26.6 0.0 58.4





#79

tert-butylbenzene

Concen: 18.743 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

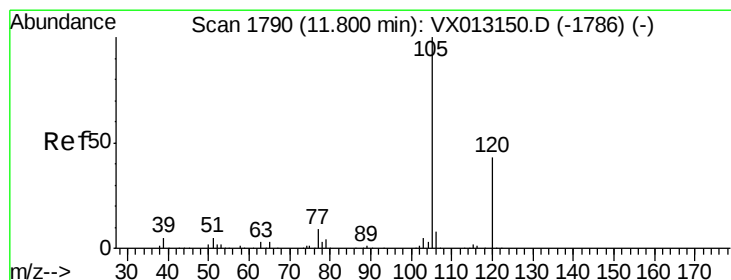
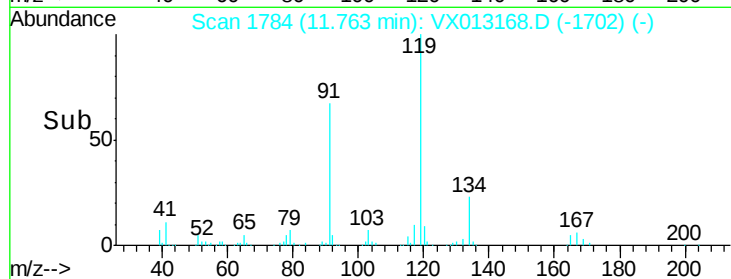
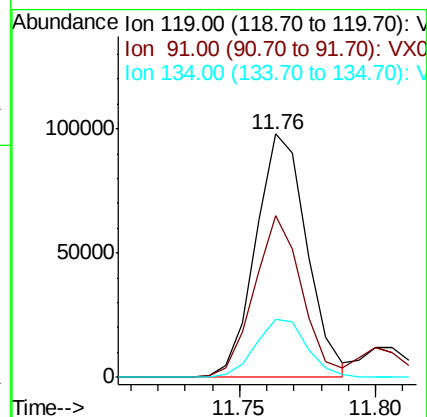
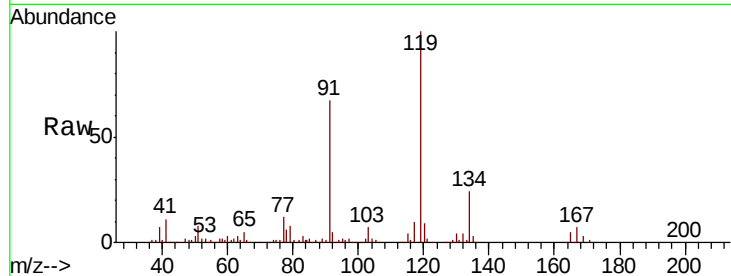
ClientSampleId :

VSTDCCC020

Tot Ion:	119	Resp:	127378
Ion Ratio	Lower	Upper	
119	100		
91	62.2	0.0	128.4
134	23.9	0.0	49.0

Manual Integrations
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#80

1,2,4-Trimethylbenzene

Concen: 19.352 ug/l

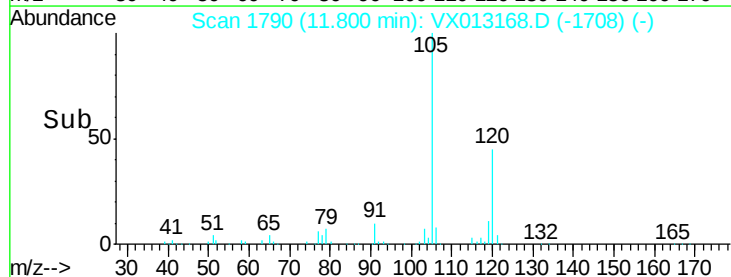
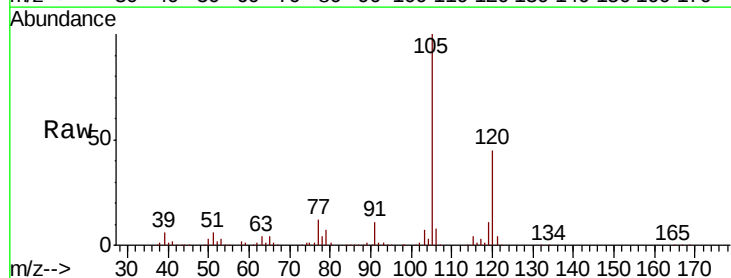
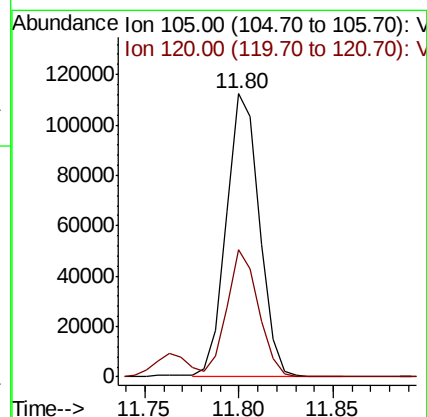
RT: 11.80 min Scan# 1790

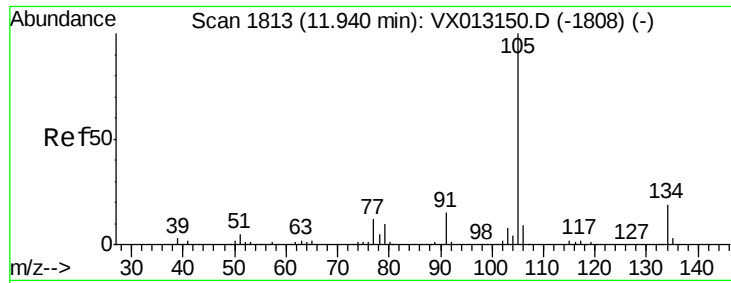
Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Tgt Ion:	105	Resp:	136449
Ion Ratio	Lower	Upper	
105	100		
120	43.0	0.0	87.4





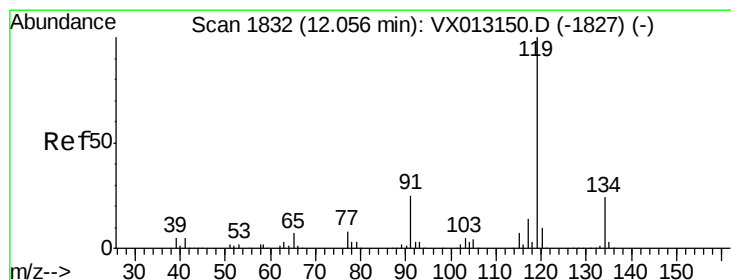
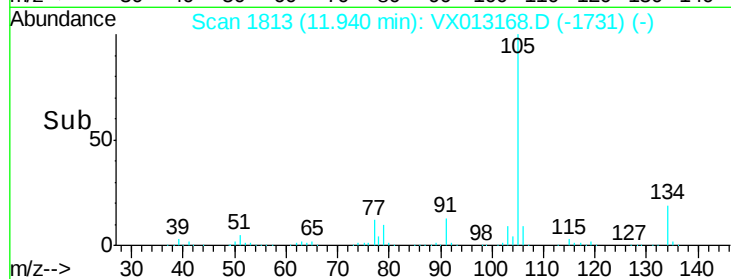
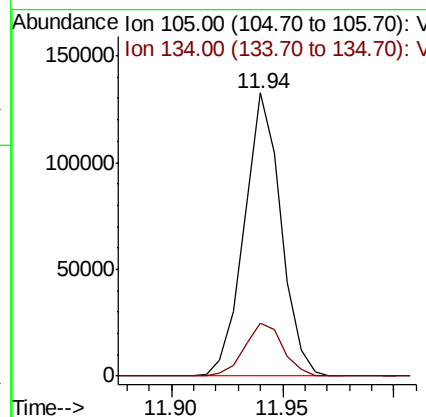
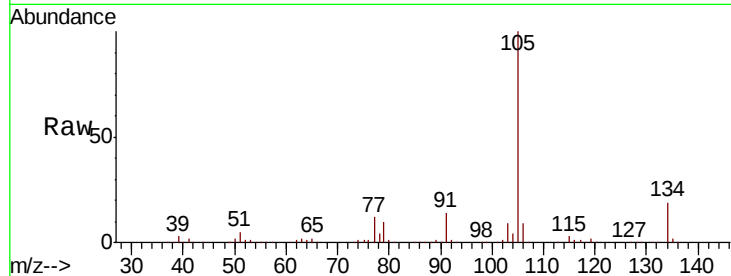
#81
 sec-Butylbenzene
 Concen: 18.818 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	0.0	39.2

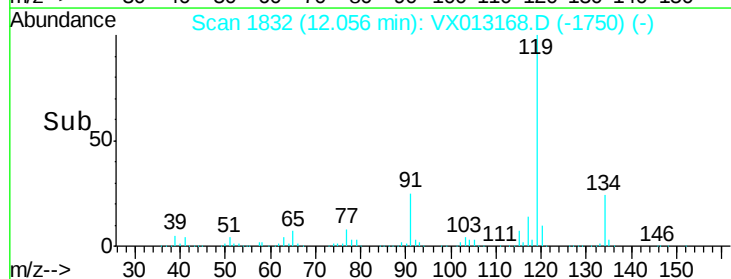
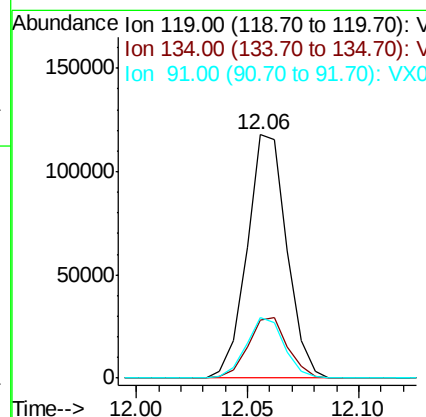
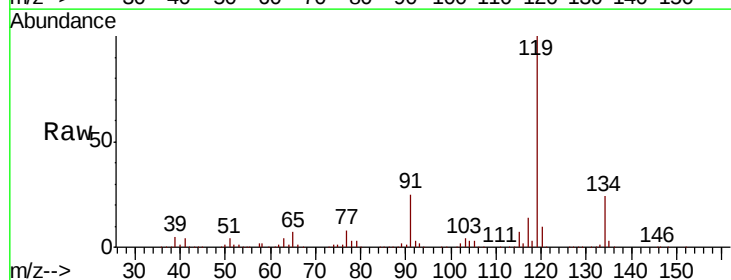
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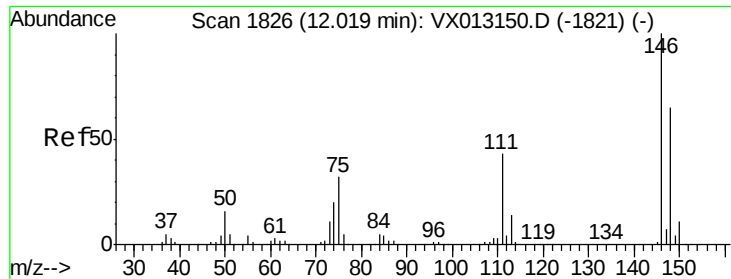
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#82
 p-Isopropyltoluene
 Concen: 19.842 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.4	0.0	51.6
91	24.0	0.0	50.0





#83

1,3-Dichlorobenzene

Concen: 19.089 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Instrument :

MSVOA_X

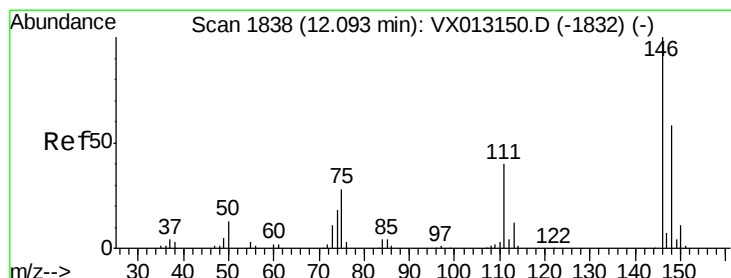
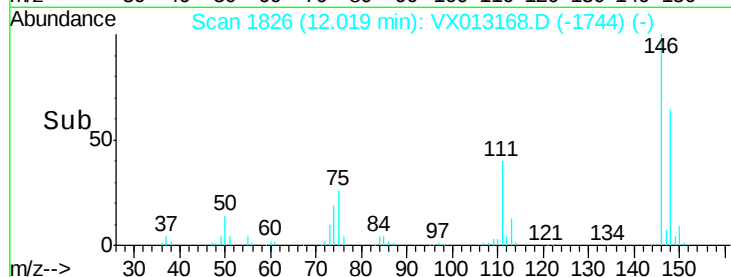
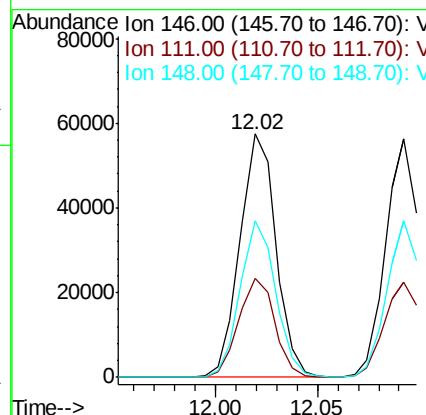
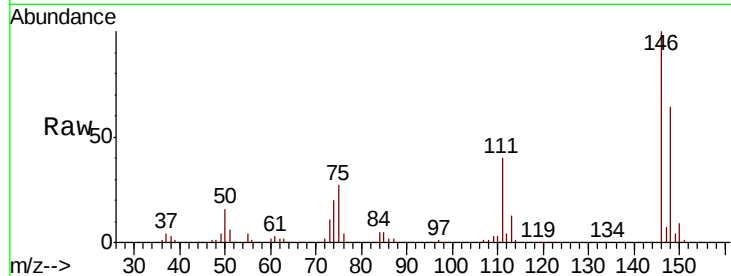
ClientSampleId :

VSTDCCC020

Tot Ion:	146	Resp:	70341
Ion Ratio	Lower	Upper	
146	100		
111	41.1	21.8	65.4
148	63.4	31.2	93.6

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#84

1,4-Dichlorobenzene

Concen: 18.766 ug/l

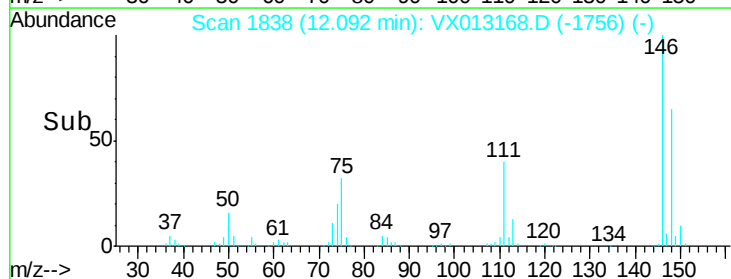
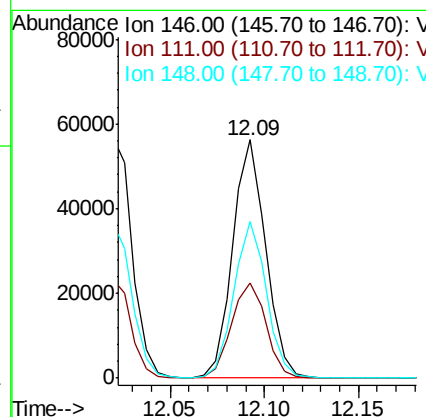
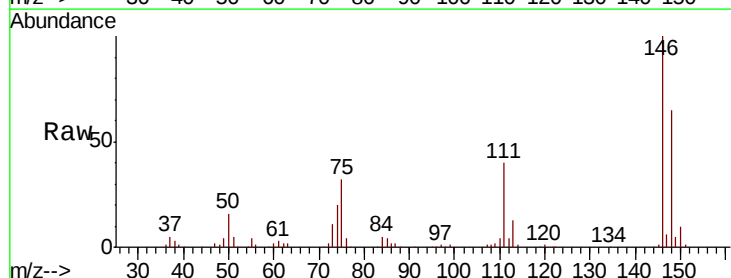
RT: 12.09 min Scan# 1838

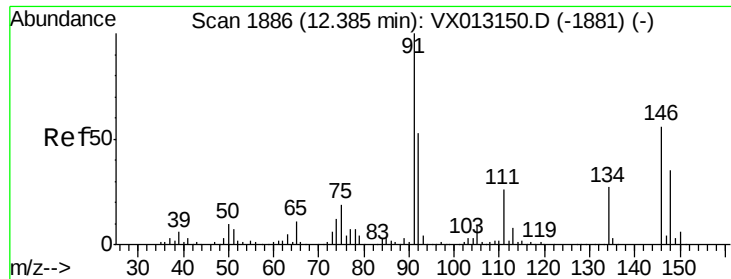
Delta R.T. -0.00 min

Lab File: VX013168.D

Acq: 22 Oct 2019 09:44

Tgt Ion:	146	Resp:	68389
Ion Ratio	Lower	Upper	
146	100		
111	42.1	20.3	60.9
148	64.8	31.4	94.2





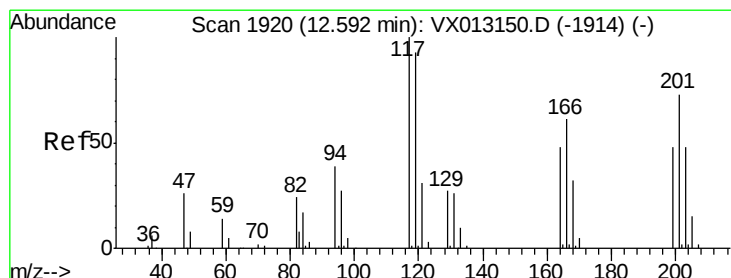
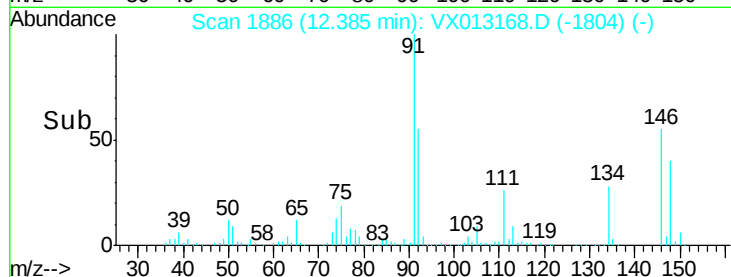
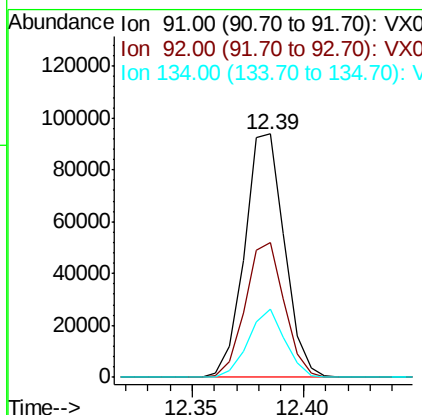
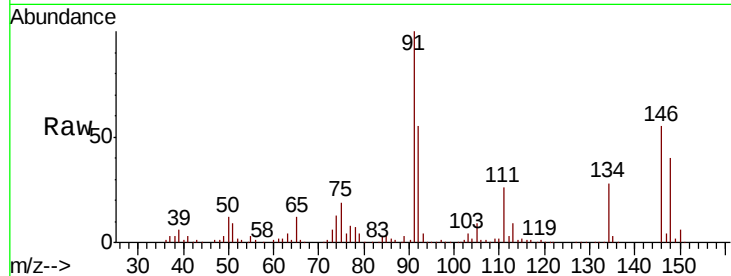
#85
n-Butylbenzene
Concen: 18.688 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		117513		
92	54.1	0.0	106.8		
134	25.9	0.0	52.4		

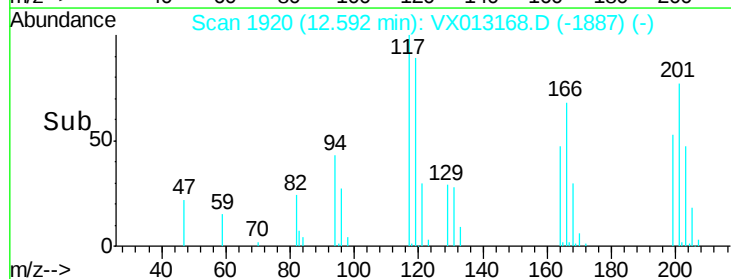
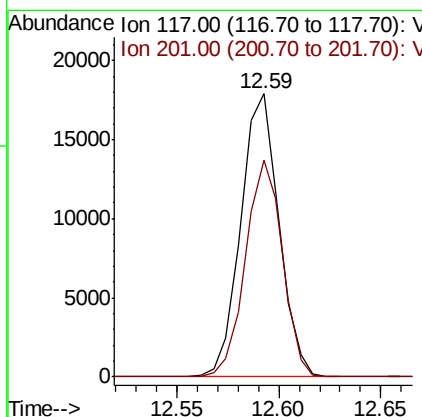
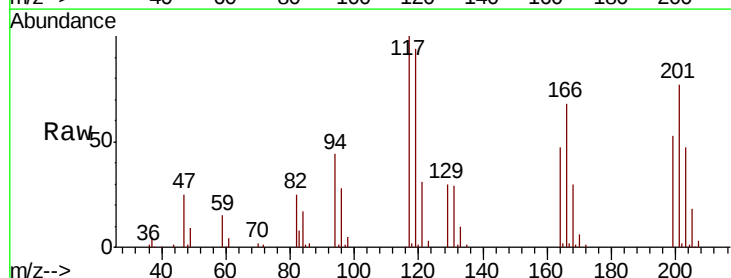
Manual Integrations
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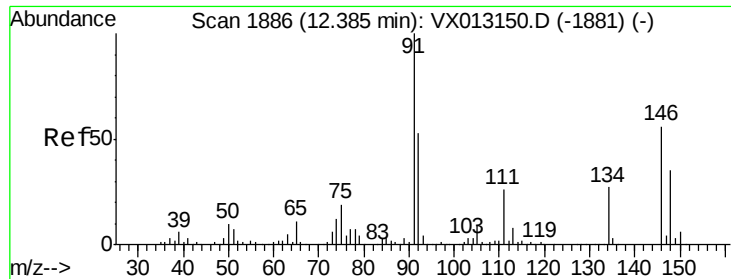
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#86
Hexachloroethane
Concen: 17.993 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		23248		
201	73.9	35.9	107.5		





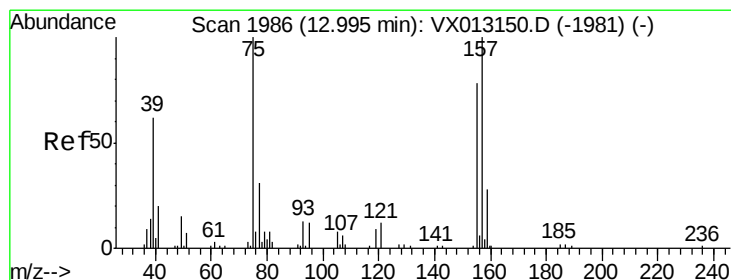
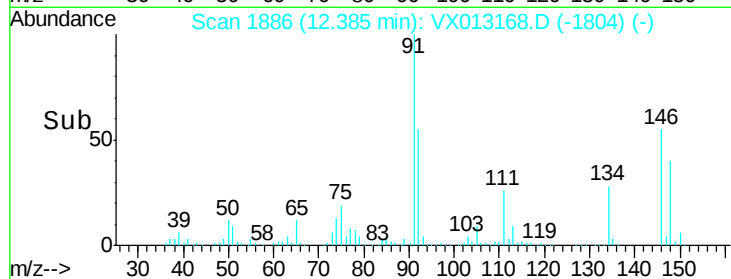
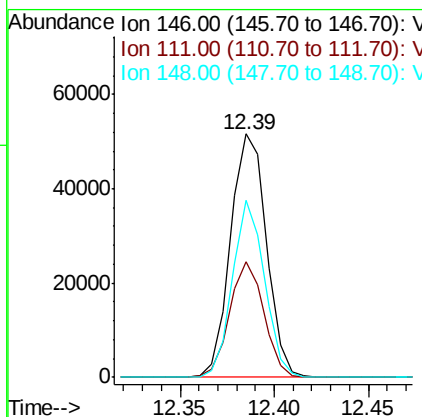
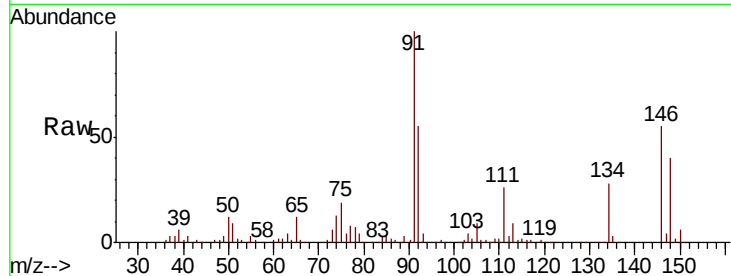
#87
 1,2-Dichlorobenzene
 Concen: 19.104 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.4	22.5	67.5
148	65.4	31.4	94.2

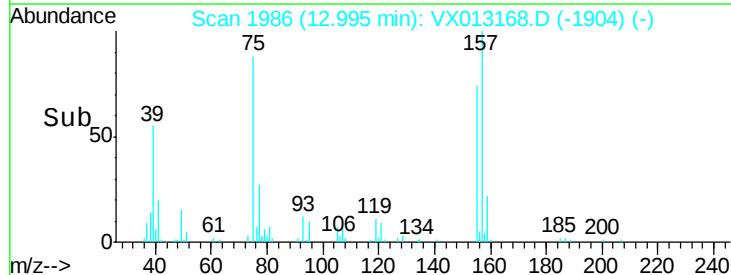
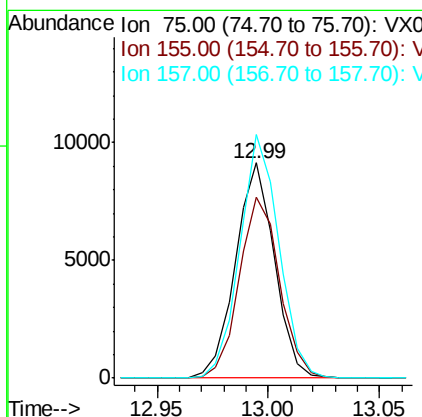
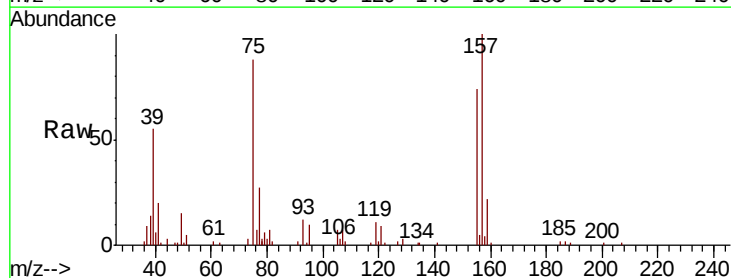
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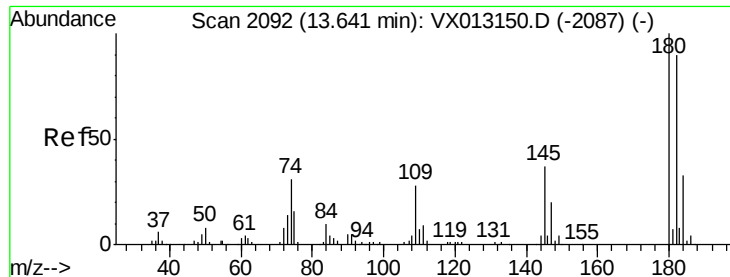
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.595 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.8	65.4	98.0
157	113.4	84.1	126.1





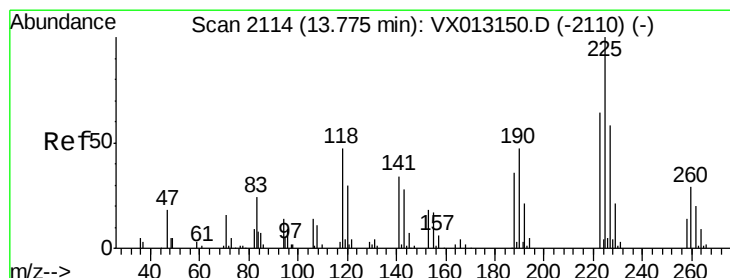
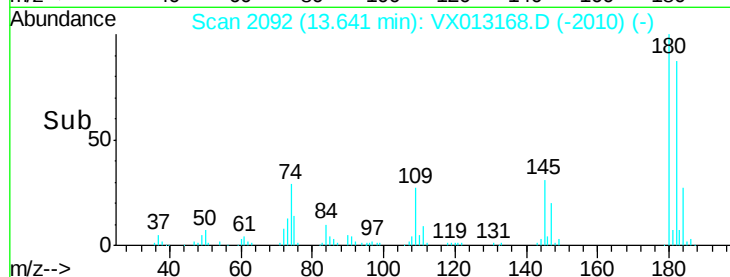
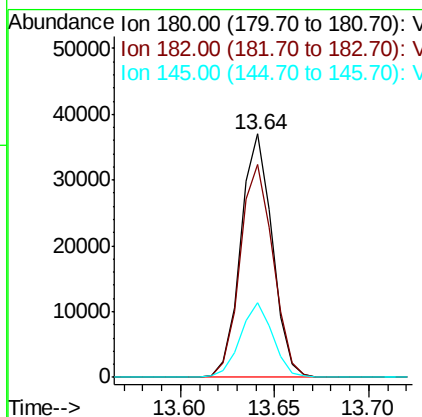
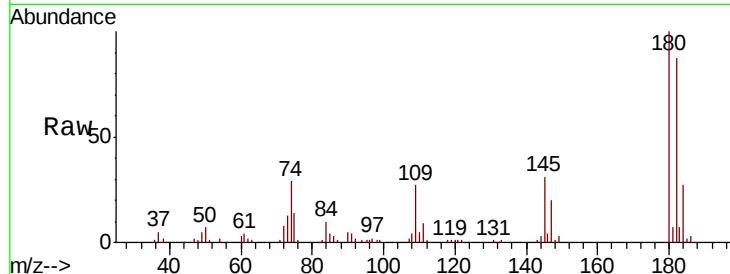
#89
 1,2,4-Trichlorobenzene
 Concen: 19.405 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.2	76.1	114.1
145	31.0	27.4	41.2

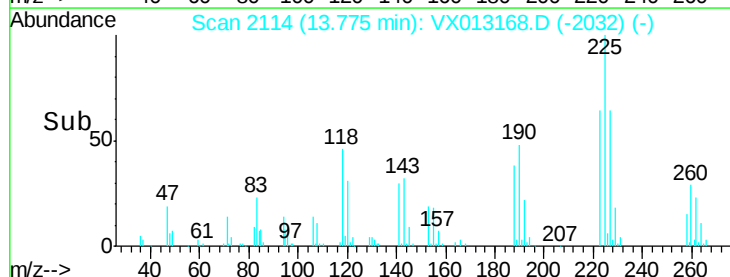
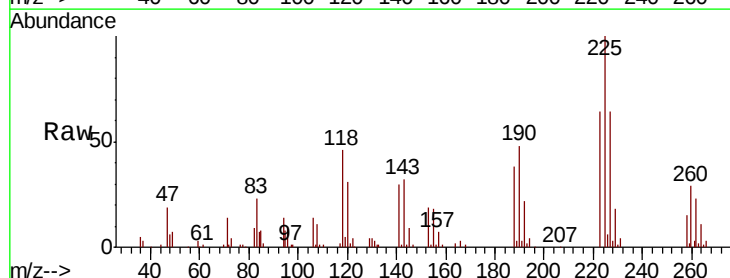
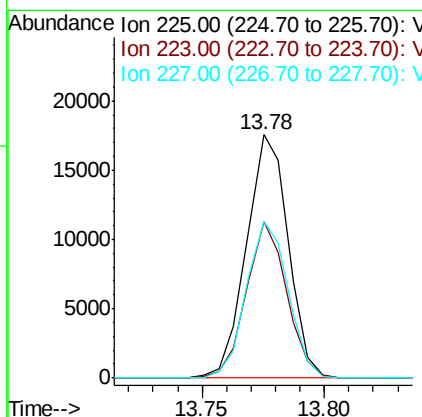
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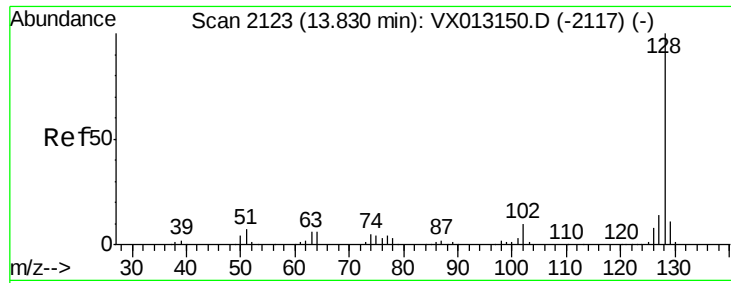
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#90
 Hexachlorobutadiene
 Concen: 18.603 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013168.D
 Acq: 22 Oct 2019 09:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	0.0	131.2
227	64.1	0.0	127.0





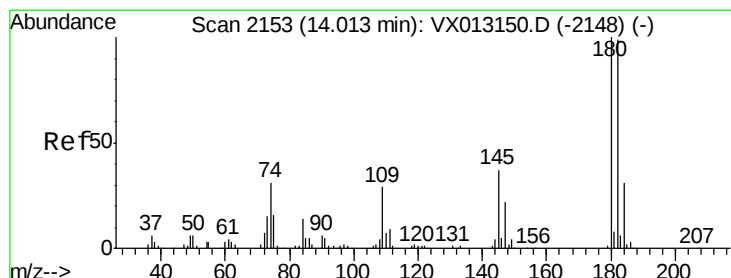
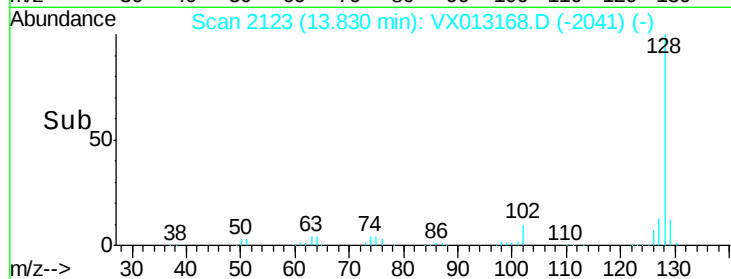
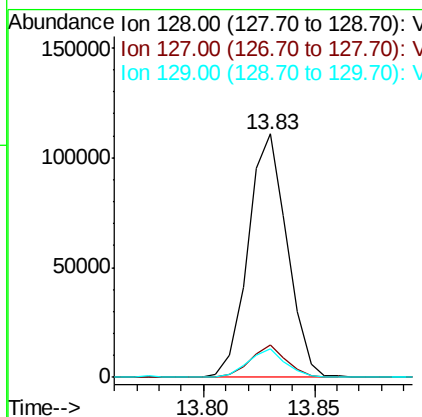
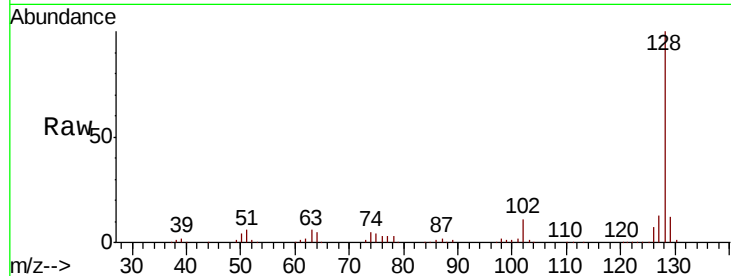
#91
Naphthalene
Concen: 18.713 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.5	15.7
129	11.2	8.6	12.8

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#92
1,2,3-Trichlorobenzene
Concen: 19.156 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013168.D
Acq: 22 Oct 2019 09:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	0.0	194.4
145	32.9	0.0	71.2

