

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110719\
 Data File : VX013348.D
 Acq On : 07 Nov 2019 13:14
 Operator : JC/SP
 Sample : VX1107WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 9:33:13 AM

Quant Time: Nov 07 16:36:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	732782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1095531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	986385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	483466	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	389613	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	
35) Dibromofluoromethane	5.48	113	324128	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
50) Toluene-d8	8.71	98	1236238	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
62) 4-Bromofluorobenzene	11.13	95	435547	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	159166	18.852	ug/l	98
3) Chloromethane	1.31	50	175678	19.187	ug/l	99
4) Vinyl Chloride	1.40	62	199648	19.153	ug/l	99
5) Bromomethane	1.62	94	125020	17.211	ug/l	99
6) Chloroethane	1.72	64	109626	17.627	ug/l	98
7) Trichlorofluoromethane	1.92	101	218707	17.759	ug/l	96
8) Diethyl Ether	2.18	74	98933	18.167	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	131509	19.159	ug/l	99
10) Methyl Iodide	2.50	142	150517	17.712	ug/l	97
11) Tert butyl alcohol	3.03	59	195124	85.276	ug/l	98
12) 1,1-Dichloroethene	2.36	96	129637	19.286	ug/l	96
13) Acrolein	2.28	56	105173	84.810	ug/l	99
14) Allyl chloride	2.72	41	245414	20.094	ug/l	95
15) Acrylonitrile	3.13	53	430525	100.728	ug/l	97
16) Acetone	2.43	43	437438	101.022	ug/l	98
17) Carbon Disulfide	2.56	76	339643	18.879	ug/l	100
18) Methyl Acetate	2.76	43	237439	19.862	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	453091	20.210	ug/l	98
20) Methylene Chloride	2.84	84	153636	19.203	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	142980	19.536	ug/l	94
22) Diisopropyl ether	3.84	45	488531	20.719	ug/l #	89
23) Vinyl Acetate	3.80	43	2013246	99.783	ug/l	99
24) 1,1-Dichloroethane	3.69	63	261152	19.799	ug/l	99
25) 2-Butanone	4.65	43	631058	99.343	ug/l	98
26) 2,2-Dichloropropane	4.57	77	209302	19.947	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	165444	20.180	ug/l	99
28) Bromochloromethane	5.00	49	74856	19.988	ug/l	98
29) Tetrahydrofuran	5.11	42	384433	98.206	ug/l	99
30) Chloroform	5.20	83	256928	19.727	ug/l	100
31) Cyclohexane	5.57	56	227930	19.204	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	217328	19.389	ug/l	100
36) 1,1-Dichloropropene	5.79	75	190106	20.228	ug/l	99
37) Ethyl Acetate	4.82	43	232711	20.039	ug/l	99
38) Carbon Tetrachloride	5.77	117	182468	19.854	ug/l	99

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 Misc : 5.0mL/MSVOA_X/WATER
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Manual Integrations
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MMDadoda
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Quant Time: Nov 07 16:36:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	232163	19.825	ug/l	99
40) Benzene	6.13	78	595990	20.358	ug/l	99
41) Methacrylonitrile	5.03	41	128096	19.679	ug/l	99
42) 1,2-Dichloroethane	6.18	62	216191	20.473	ug/l	99
43) Isopropyl Acetate	6.43	43	361889	20.012	ug/l	99
44) Trichloroethene	7.21	130	156899	19.470	ug/l	96
45) 1,2-Dichloropropane	7.51	63	155026	20.783	ug/l	99
46) Dibromomethane	7.65	93	99484	19.534	ug/l	98
47) Bromodichloromethane	7.89	83	196702	20.482	ug/l	92
48) Methyl methacrylate	7.76	41	181409	20.096	ug/l	97
49) 1,4-Dioxane	7.73	88	80145	387.683	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1186412	99.997	ug/l	100
52) Toluene	8.78	92	373039	20.559	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	210106	20.007	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	241820	20.585	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	156891	20.861	ug/l	95
56) Ethyl methacrylate	9.17	69	240387	19.700	ug/l	98
57) 1,3-Dichloropropane	9.37	76	256789	20.114	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	506641	98.523	ug/l	100
59) 2-Hexanone	9.48	43	918237	100.150	ug/l	99
60) Dibromochloromethane	9.57	129	157407	20.464	ug/l	99
61) 1,2-Dibromoethane	9.67	107	161081	20.170	ug/l	99
64) Tetrachloroethene	9.33	164	142500	20.181	ug/l	98
65) Chlorobenzene	10.14	112	401961	20.128	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	151163	20.616	ug/l	98
67) Ethyl Benzene	10.25	91	696386	20.205	ug/l	99
68) m/p-Xylenes	10.35	106	534343	40.994	ug/l	99
69) o-Xylene	10.70	106	260092	20.381	ug/l	98
70) Styrene	10.71	104	439096	20.584	ug/l	98
71) Bromoform	10.85	173	118122	19.464	ug/l #	98
73) Isopropylbenzene	11.01	105	684804	21.364	ug/l	100
74) N-amyl acetate	10.89	43	316559	21.296	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	247421	21.158	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	191293m	19.480	ug/l	
77) Bromobenzene	11.25	156	179494	21.005	ug/l	98
78) n-propylbenzene	11.35	91	759958	21.283	ug/l	99
79) 2-Chlorotoluene	11.42	91	457329	21.258	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	574657	21.523	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	78030	20.453	ug/l	99
82) 4-Chlorotoluene	11.51	91	522008	20.728	ug/l	100
83) tert-Butylbenzene	11.76	119	583642	21.715	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	575728	21.495	ug/l	99
85) sec-Butylbenzene	11.94	105	658677	21.324	ug/l	99
86) p-Isopropyltoluene	12.06	119	602861	21.195	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	312937	20.544	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	314932	20.293	ug/l	99
89) n-Butylbenzene	12.38	91	505735	20.377	ug/l	100
90) Hexachloroethane	12.59	117	106023	20.921	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	313780	20.608	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	51242	17.986	ug/l	98

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

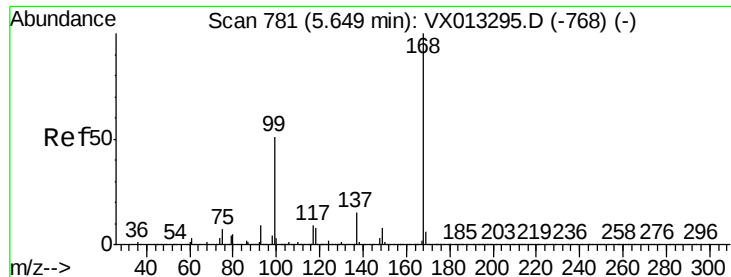
Manual Integrations
APPROVED

MMDadoda
11/8/2019 9:33:13 AM

Quant Time: Nov 07 16:36:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	209666	19.741	ug/l	100
94) Hexachlorobutadiene	13.78	225	100388	19.320	ug/l	98
95) Naphthalene	13.83	128	667041	20.018	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	213993	20.091	ug/l	99

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



#1

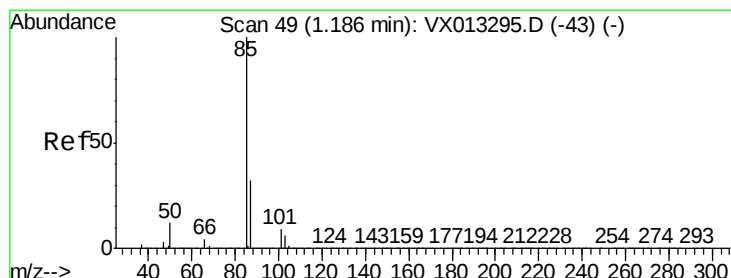
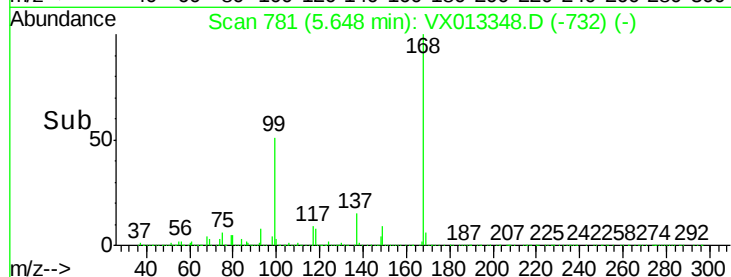
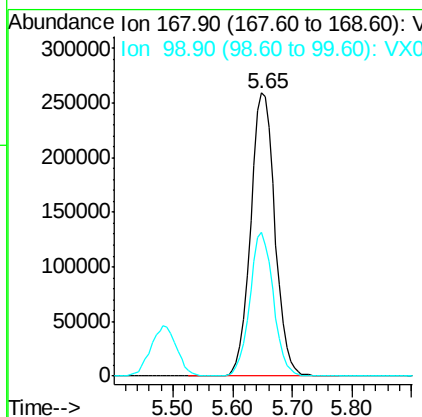
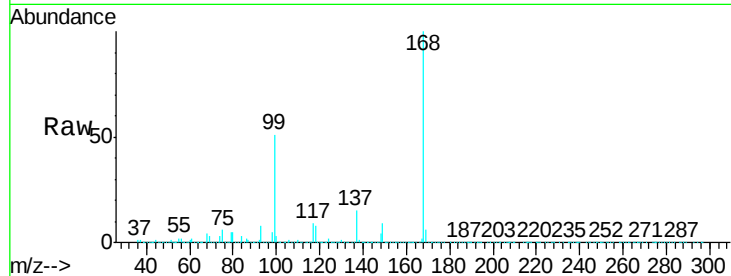
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion	Ratio	Lower	Upper
168	100		
99	50.4	40.8	61.2

Manual Integrations
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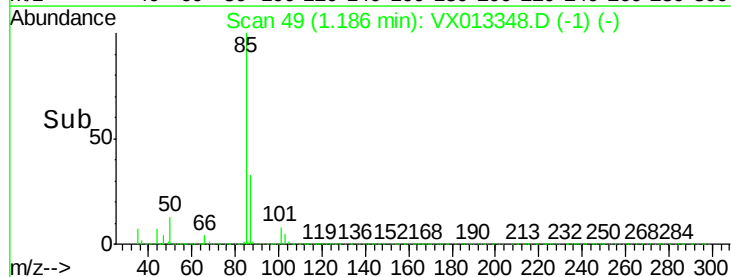
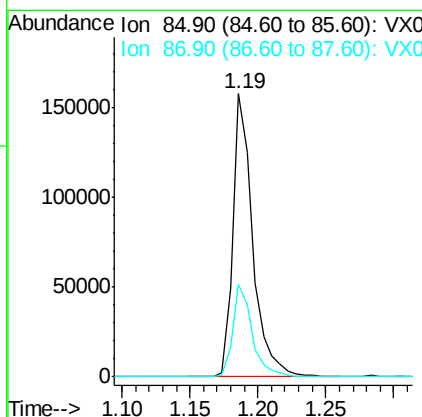
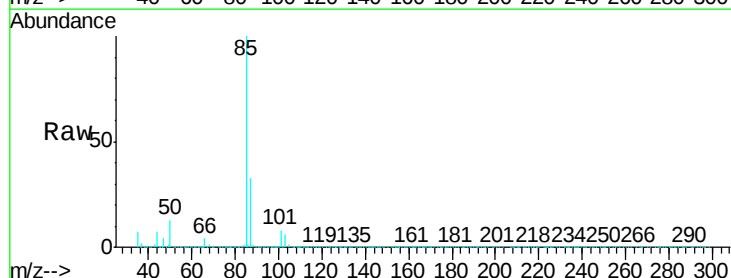
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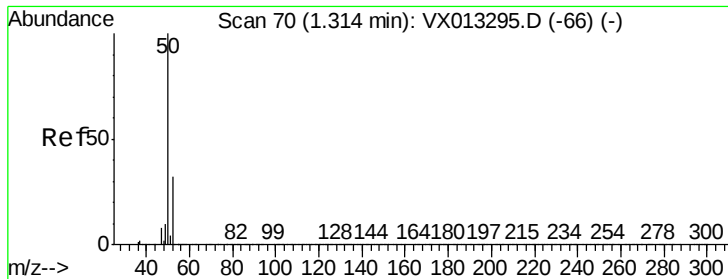


#2

Dichlorodifluoromethane
Concen: 18.852 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.8	15.9	47.6





#3

Chloromethane

Concen: 19.187 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

Tgt Ion: 50 Resp: 175678

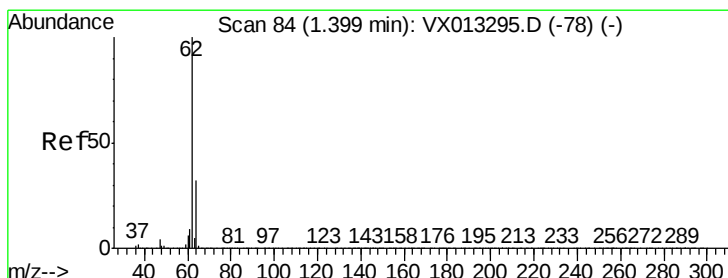
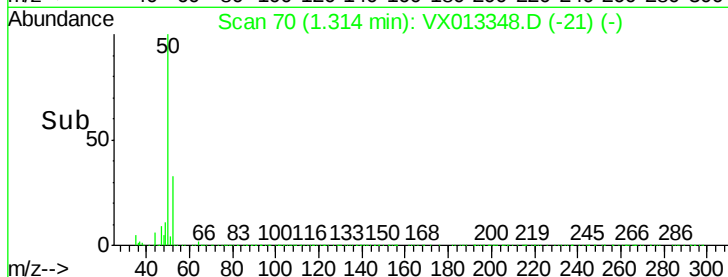
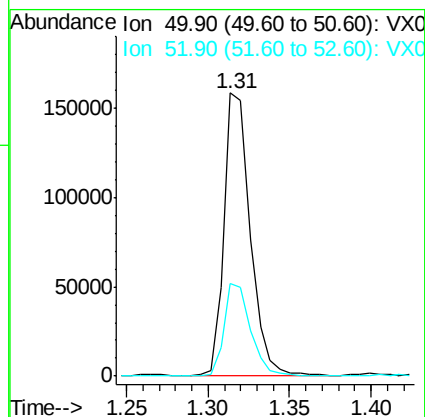
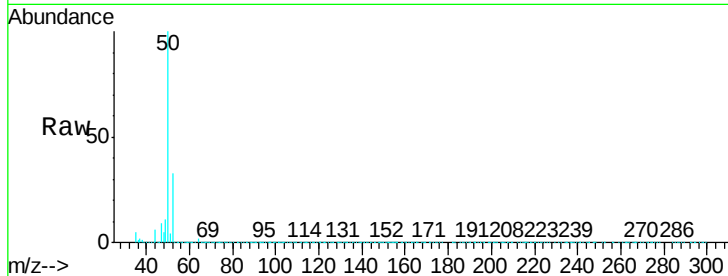
Ion Ratio Lower Upper

50 100

52 32.5 25.5 38.3

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.153 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013348.D

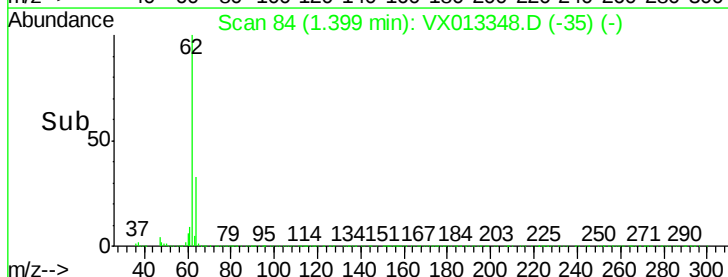
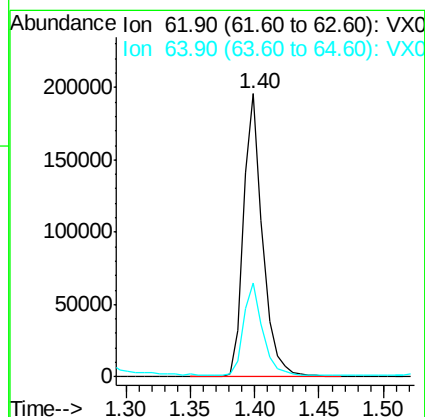
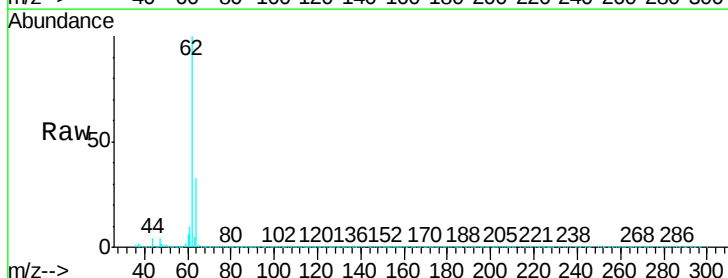
Acq: 07 Nov 2019 13:14

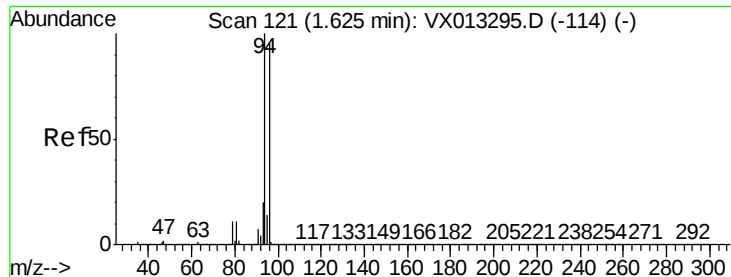
Tgt Ion: 62 Resp: 199648

Ion Ratio Lower Upper

62 100

64 32.6 25.6 38.4





#5

Bromomethane

Concen: 17.211 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

Tgt Ion: 94 Resp: 125020

Ion Ratio Lower Upper

94 100

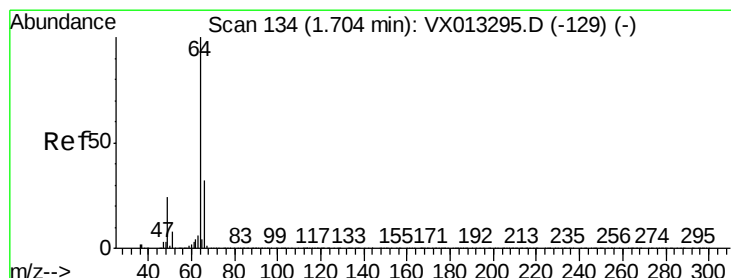
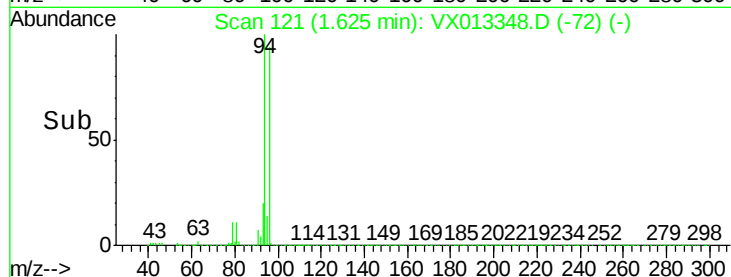
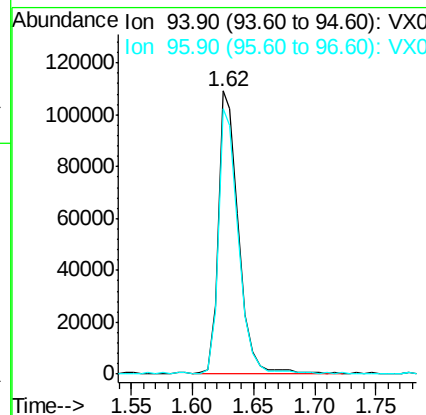
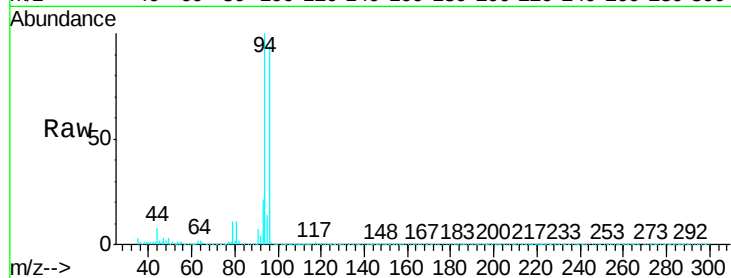
96 93.5 75.8 113.8

Manual Integrations

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#6

Chloroethane

Concen: 17.627 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013348.D

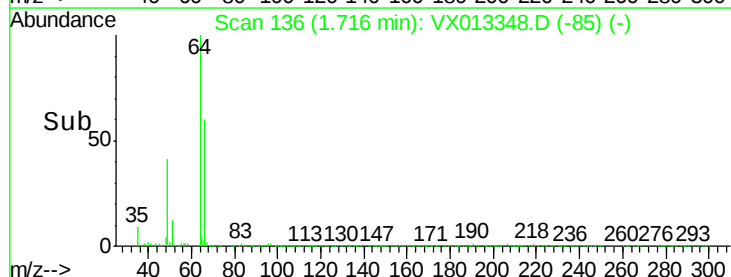
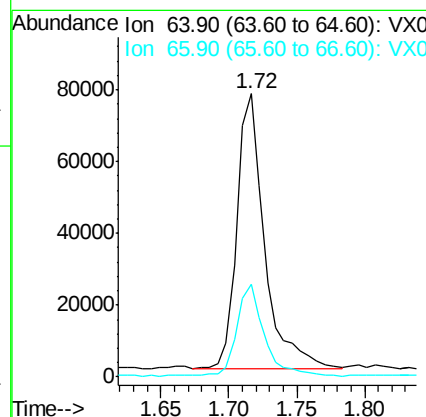
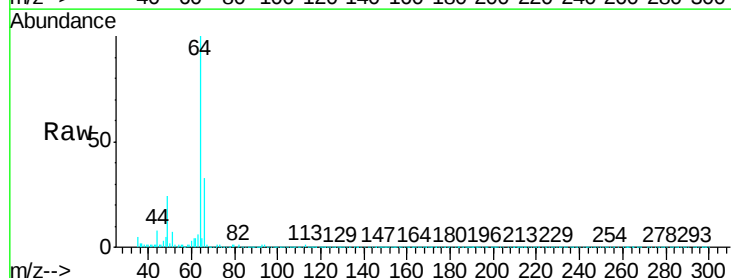
Acq: 07 Nov 2019 13:14

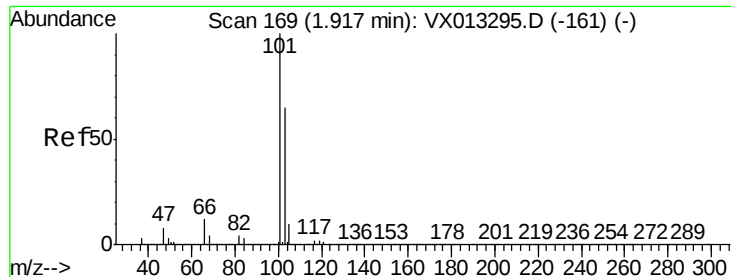
Tgt Ion: 64 Resp: 109626

Ion Ratio Lower Upper

64 100

66 33.0 25.6 38.4





#7

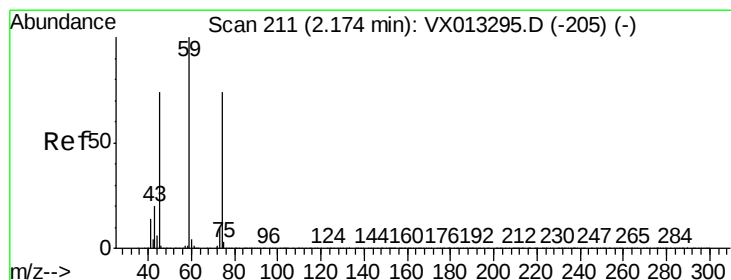
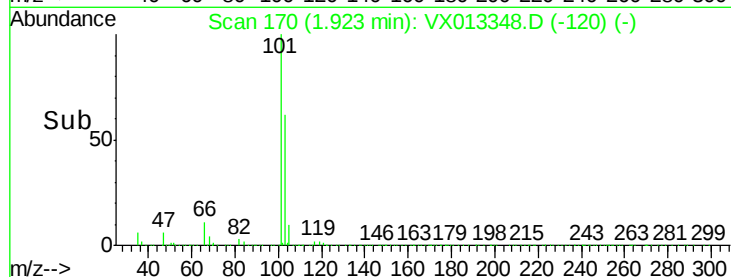
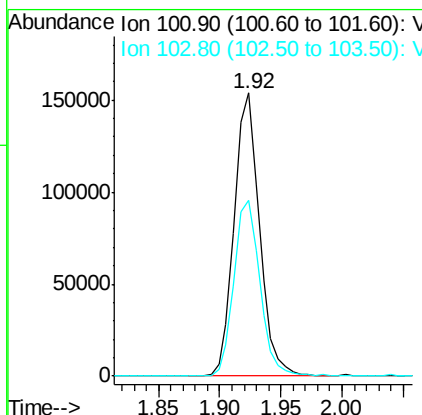
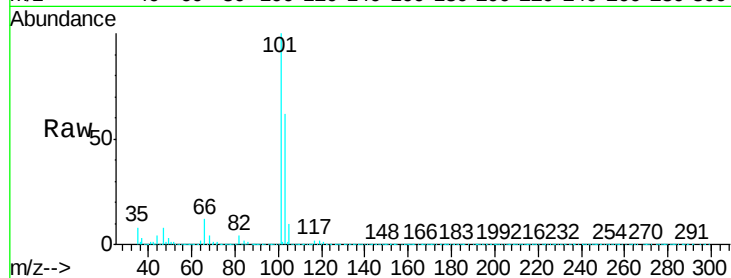
Trichlorofluoromethane
Concen: 17.759 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
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ClientSampleId :
VX1107WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	218707		
103	62.1	52.3	78.5	

Manual Integrations
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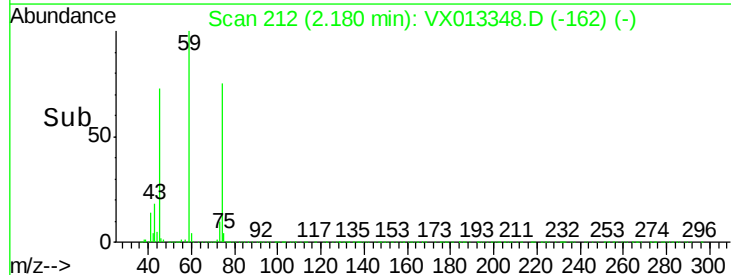
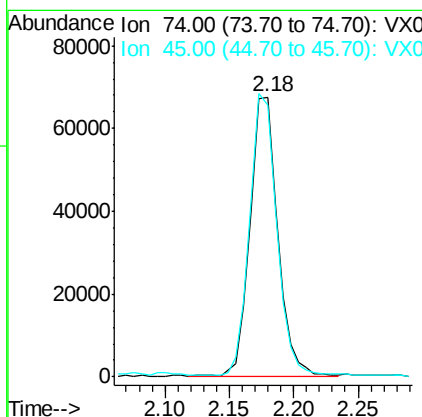
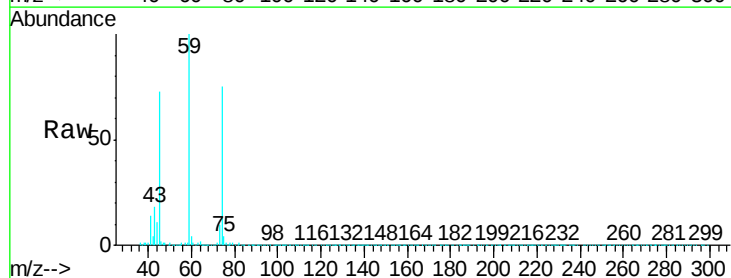
MMDadoda
11/8/2019 9:33:13 AM

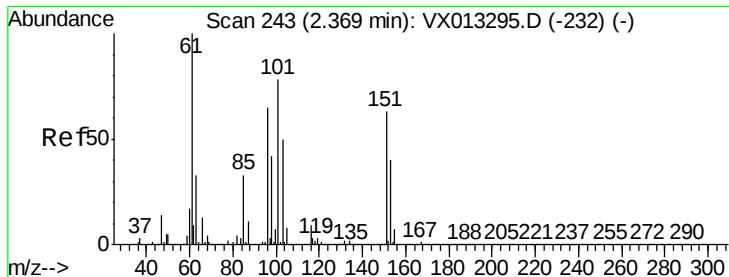


#8

Diethyl Ether
Concen: 18.167 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	98933		
45	99.5	48.5	145.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.159 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

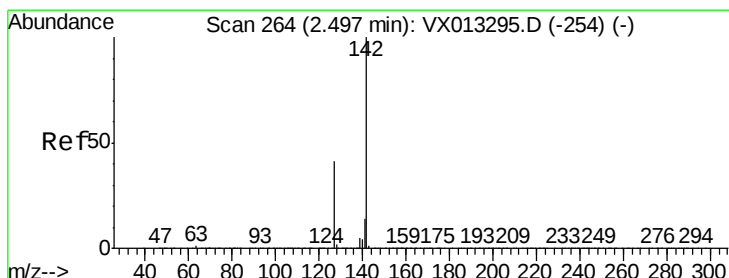
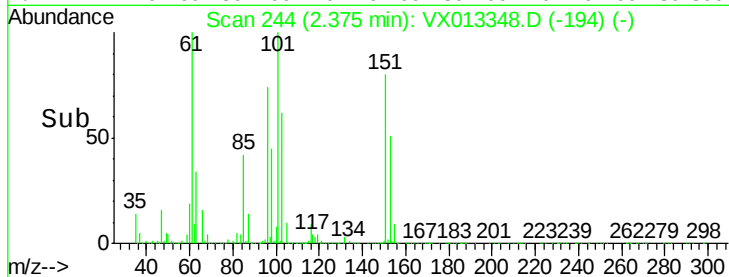
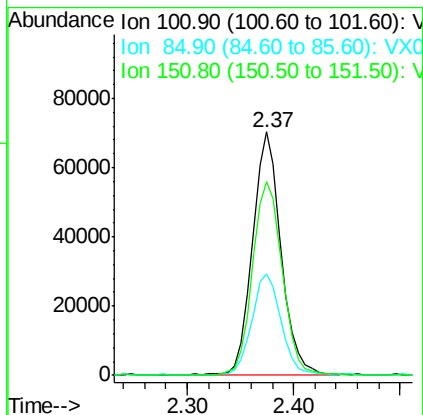
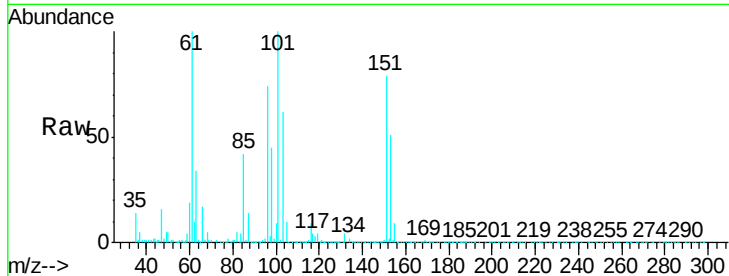
ClientSampleId :

VX1107WBSD01

Tgt Ion:	101	Resp:	131509
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.4	51.6
151	83.7	66.4	99.6

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#10

Methyl Iodide

Concen: 17.712 ug/l

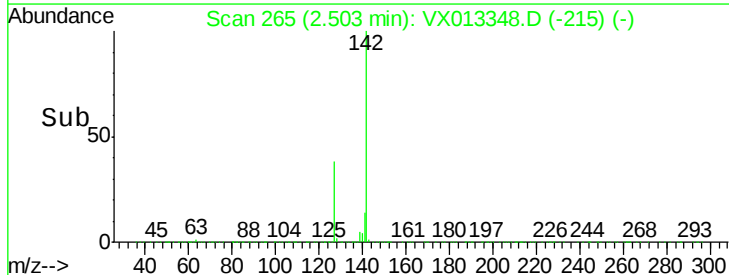
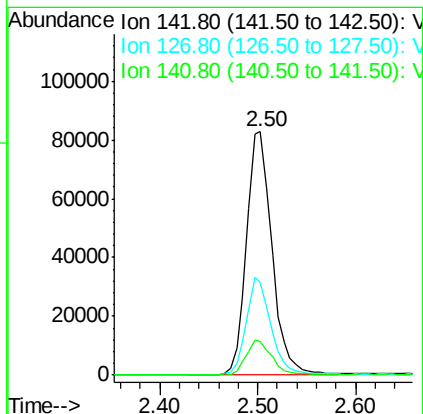
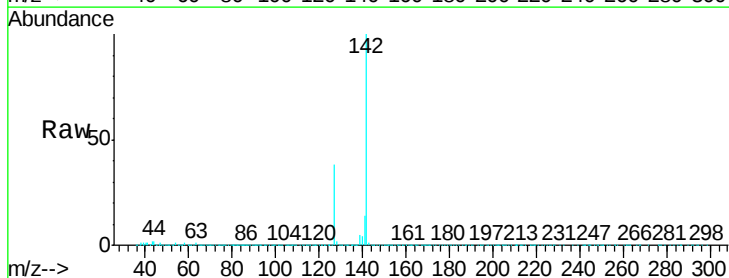
RT: 2.50 min Scan# 265

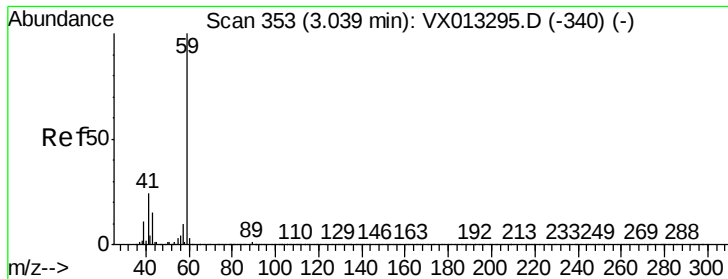
Delta R.T. 0.01 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Tgt Ion:	142	Resp:	150517
Ion Ratio	Lower	Upper	
142	100		
127	38.2	32.6	49.0
141	14.1	11.6	17.4





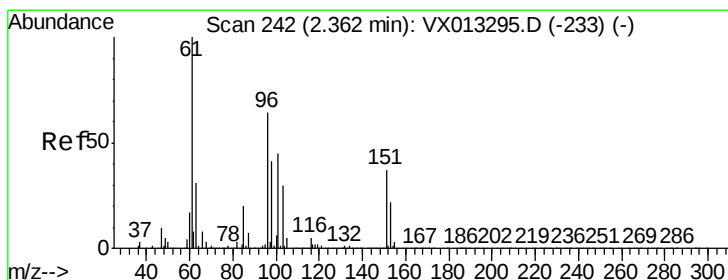
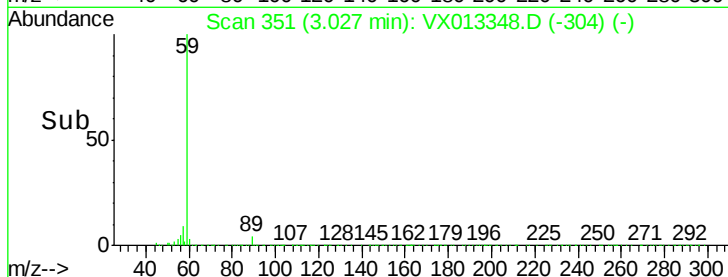
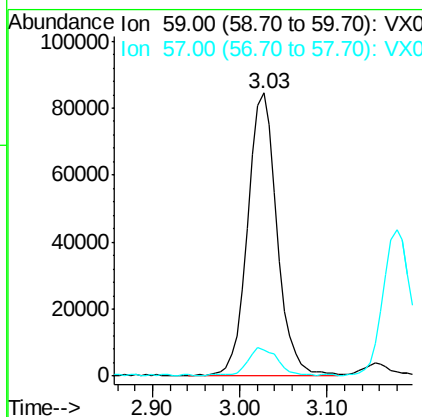
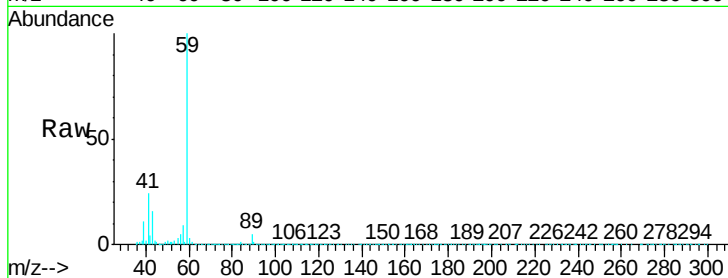
#11
Tert butyl alcohol
Concen: 85.276 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.0	12.0

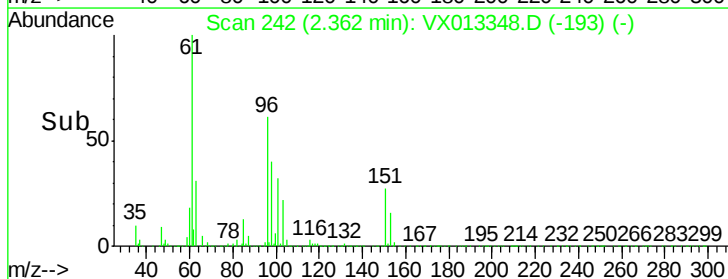
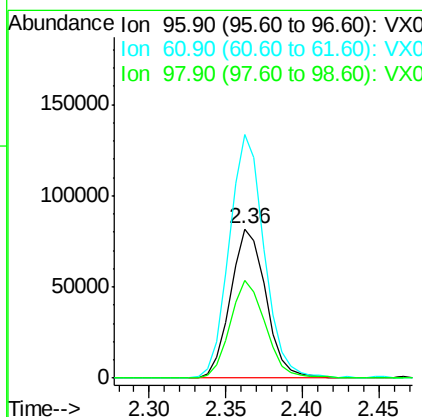
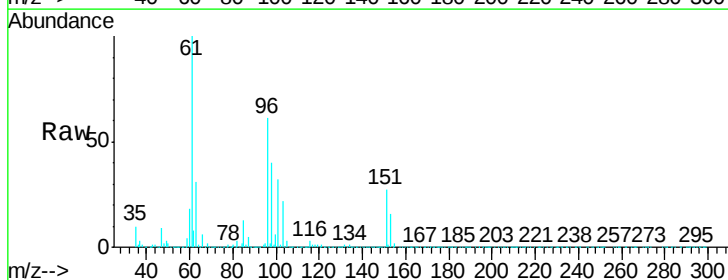
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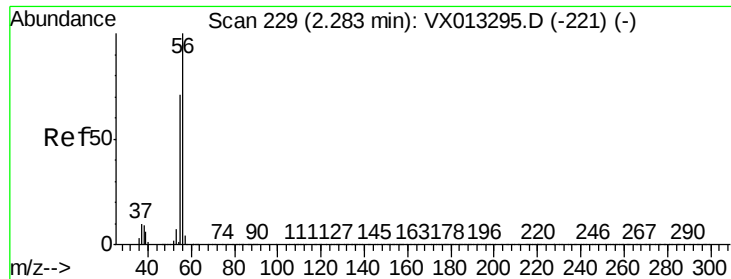
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11/8/2019 9:33:13 AM



#12
1,1-Dichloroethene
Concen: 19.286 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.3	125.0	187.6
98	65.2	50.7	76.1





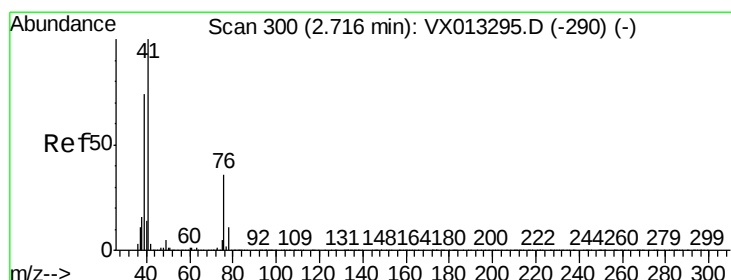
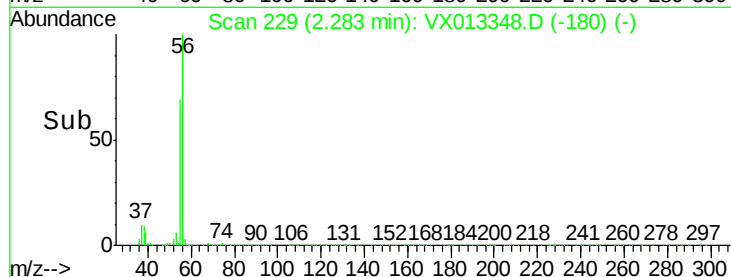
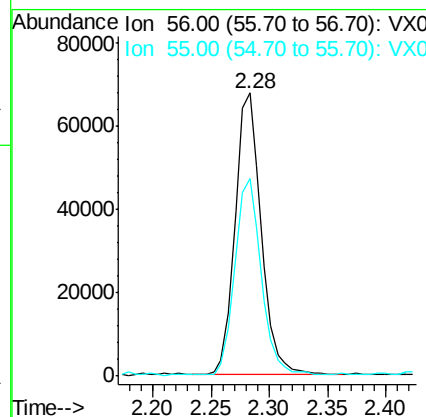
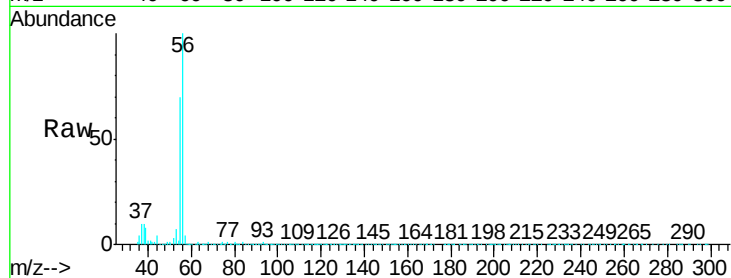
#13
Acrolein
Concen: 84.810 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion: 56 Resp: 105173
Ion Ratio Lower Upper
56 100
55 70.9 57.4 86.0

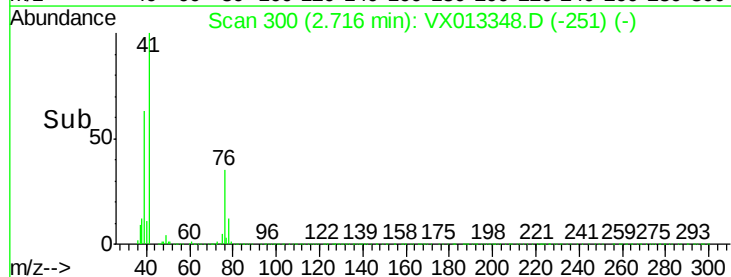
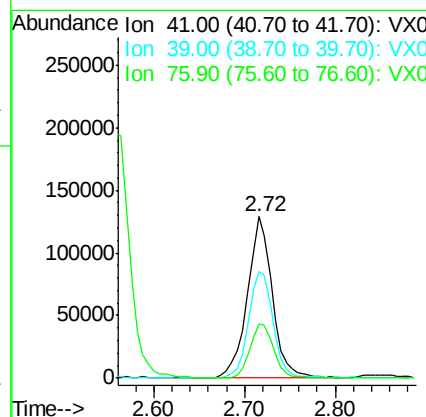
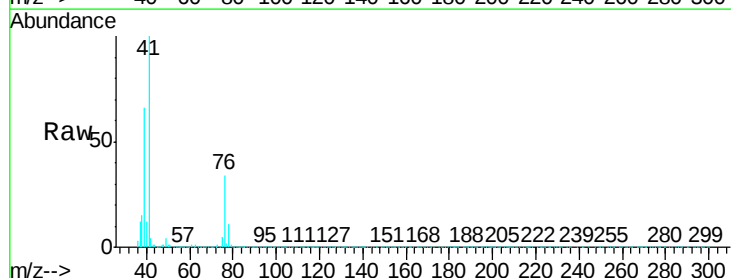
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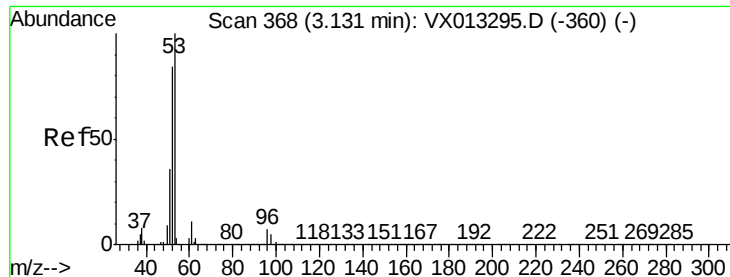
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#14
Allyl chloride
Concen: 20.094 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion: 41 Resp: 245414
Ion Ratio Lower Upper
41 100
39 64.3 55.8 83.8
76 31.9 26.4 39.6





#15

Acrylonitrile

Concen: 100.728 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

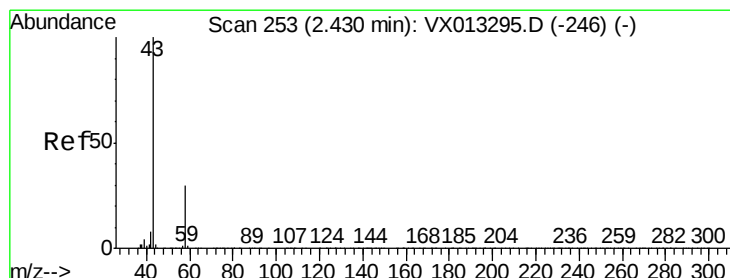
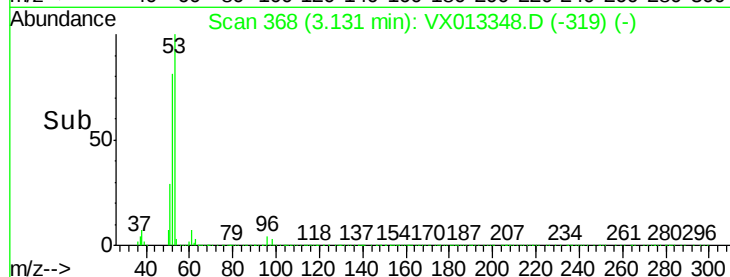
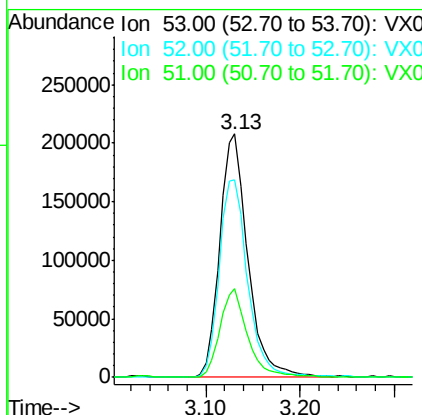
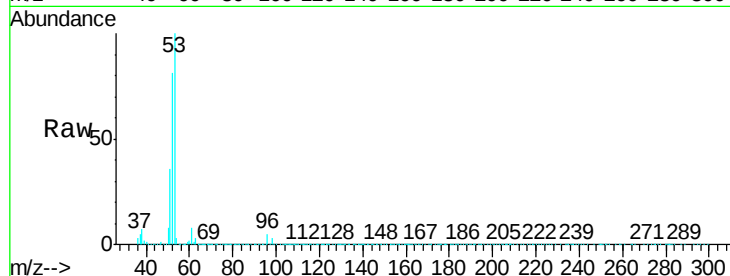
ClientSampleId :

VX1107WBSD01

Tgt Ion:	53	Resp:	430525
Ion	Ratio	Lower	Upper
53	100		
52	81.9	67.4	101.0
51	35.3	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 101.022 ug/l

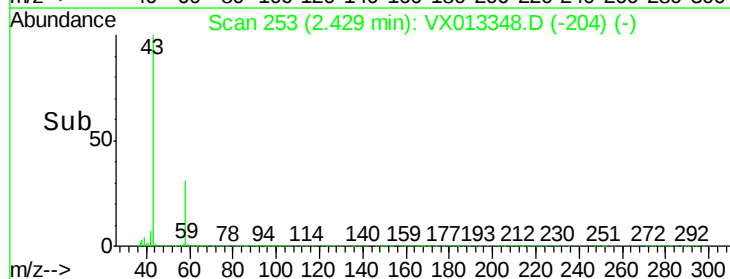
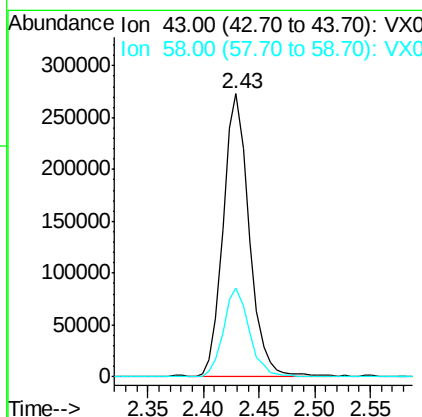
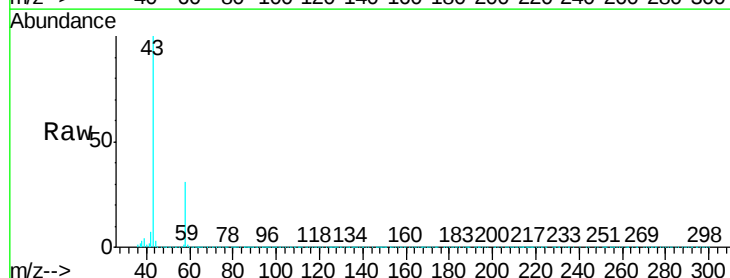
RT: 2.43 min Scan# 253

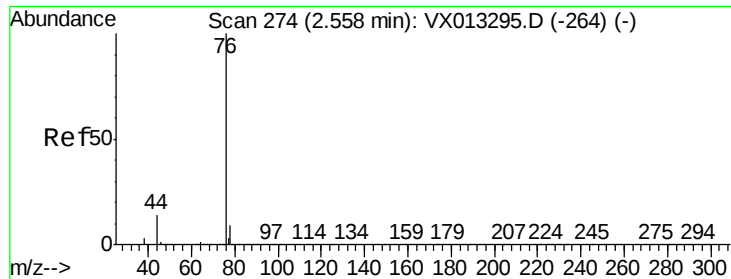
Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Tgt Ion:	43	Resp:	437438
Ion	Ratio	Lower	Upper
43	100		
58	31.3	24.3	36.5





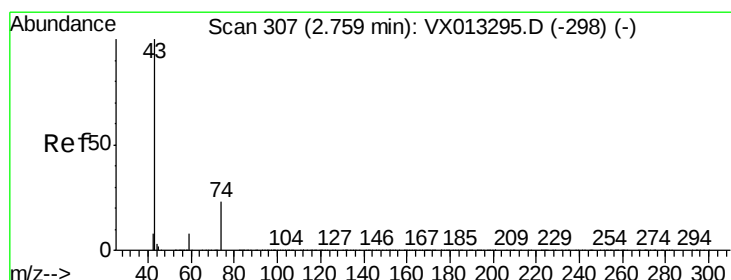
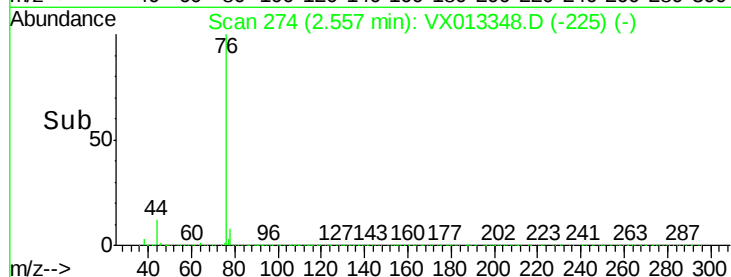
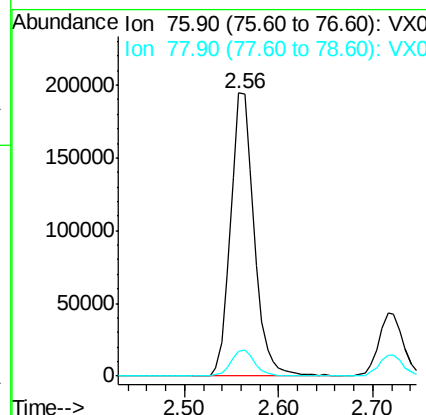
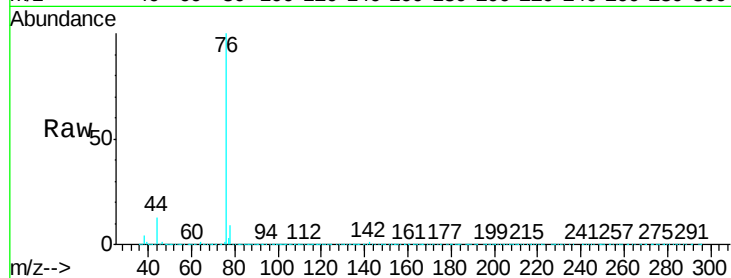
#17
Carbon Disulfide
Concen: 18.879 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion: 76 Resp: 339643
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6

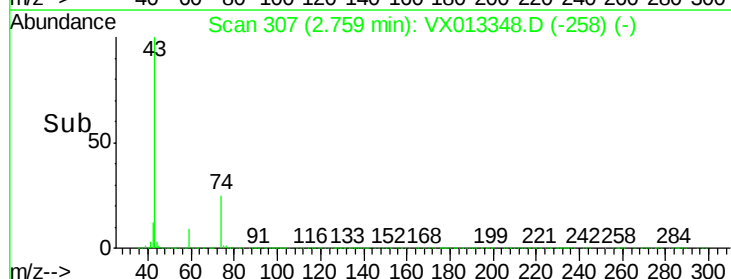
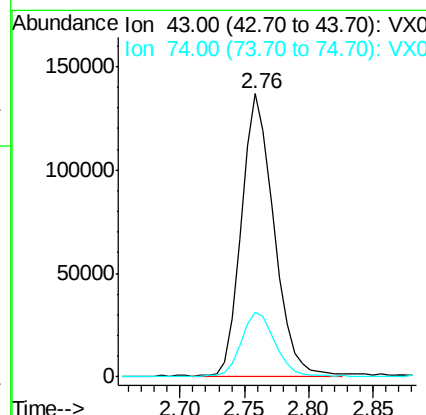
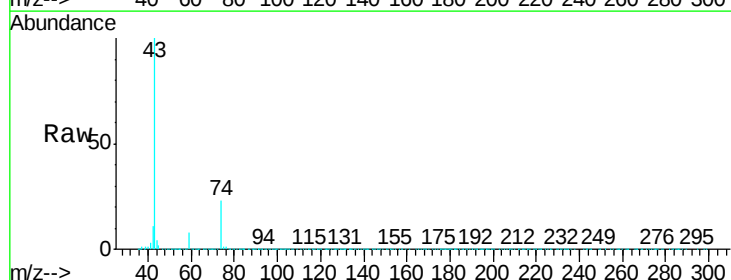
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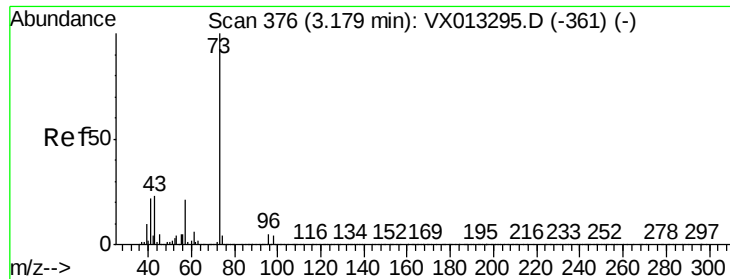
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#18
Methyl Acetate
Concen: 19.862 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion: 43 Resp: 237439
Ion Ratio Lower Upper
43 100
74 24.9 19.0 28.6





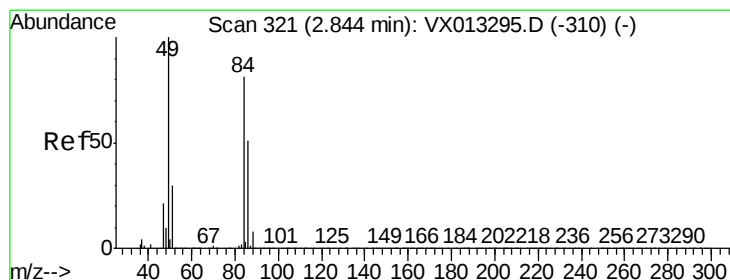
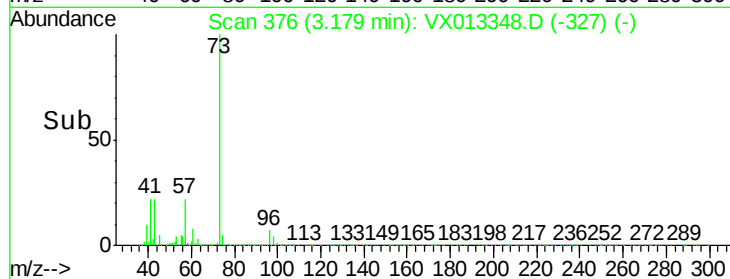
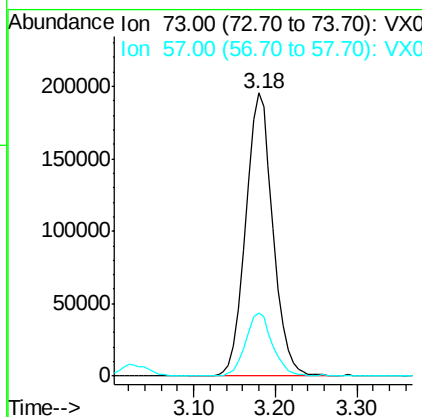
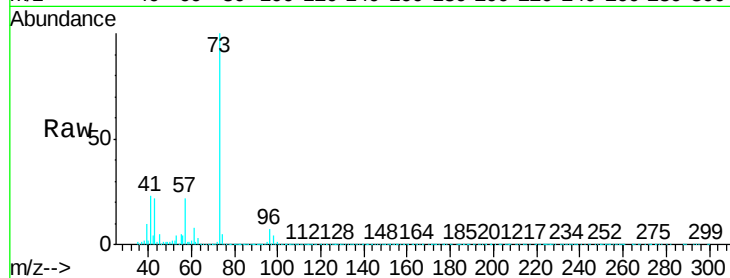
#19
Methyl tert-butyl Ether
Concen: 20.210 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.1	25.7

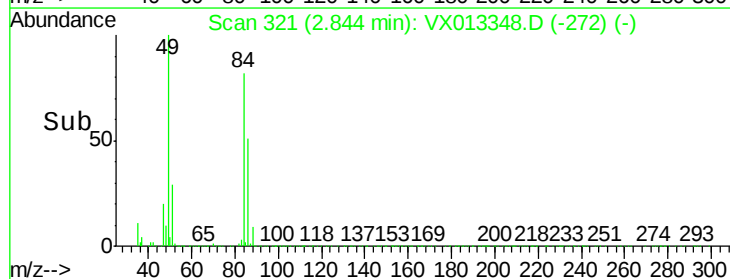
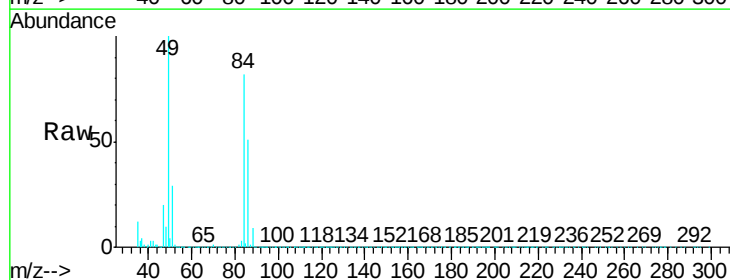
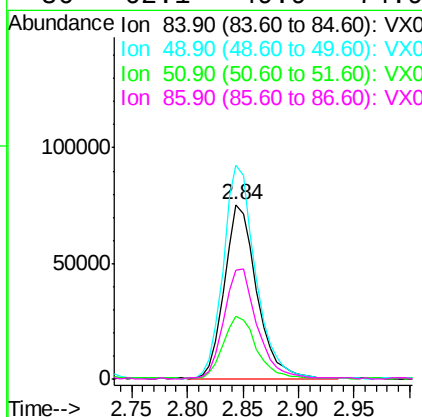
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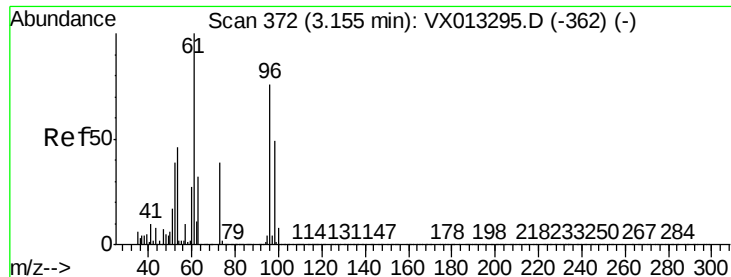
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#20
Methylene Chloride
Concen: 19.203 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.9	98.2	147.4
51	35.1	29.9	44.9
86	62.1	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 19.536 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

Tgt Ion: 96 Resp: 142980

Ion Ratio Lower Upper

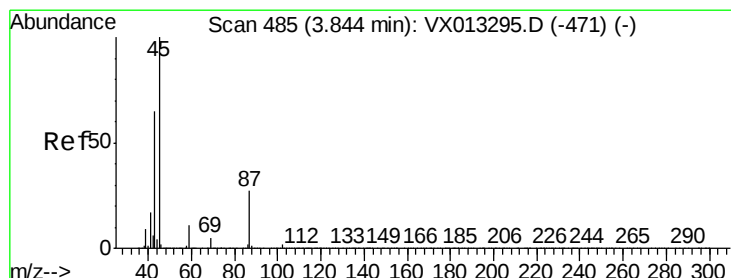
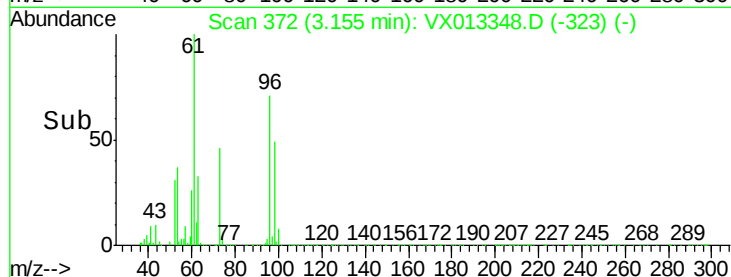
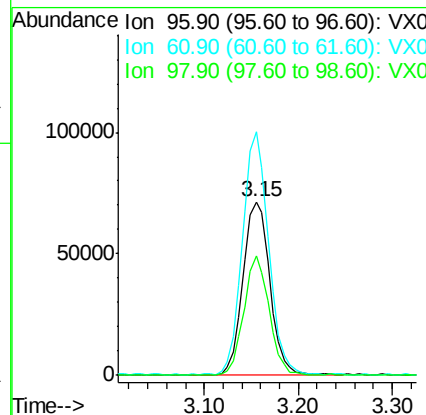
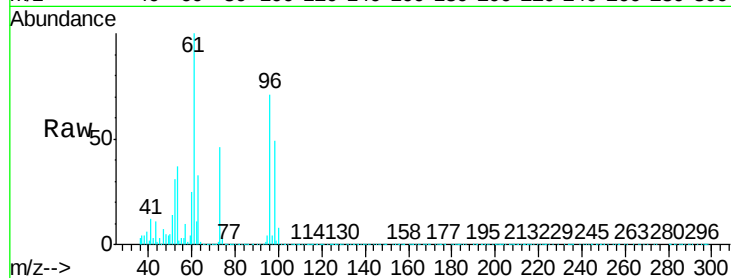
96 100

61 139.9 105.8 158.6

98 69.1 51.8 77.6

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#22

Diisopropyl ether

Concen: 20.719 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Tgt Ion: 45 Resp: 488531

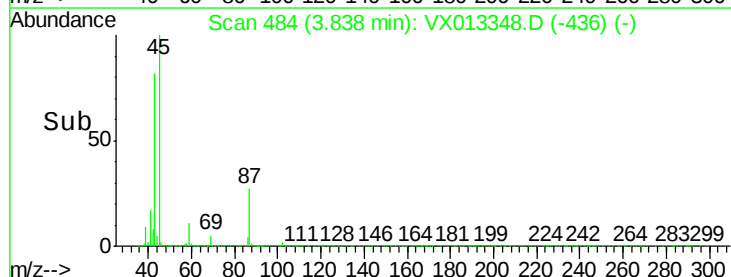
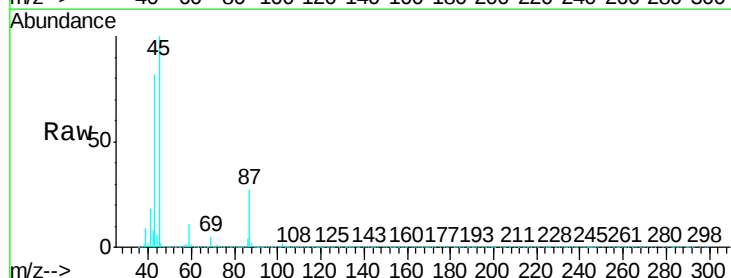
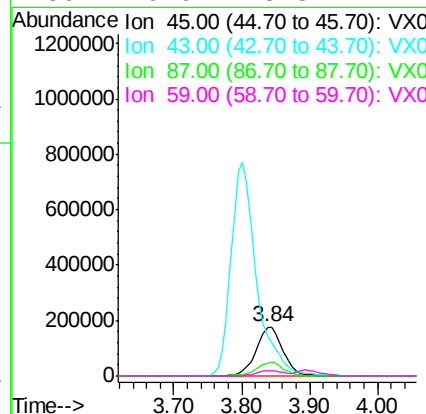
Ion Ratio Lower Upper

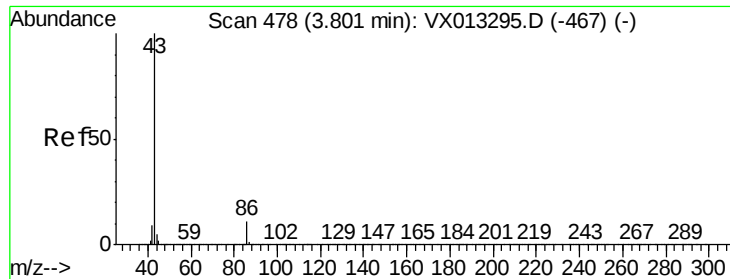
45 100

43 81.8 54.2 81.2#

87 27.2 21.8 32.8

59 10.9 8.5 12.7





#23

Vinyl Acetate

Concen: 99.783 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

Tgt Ion: 43 Resp: 2013246

Ion Ratio Lower Upper

43 100

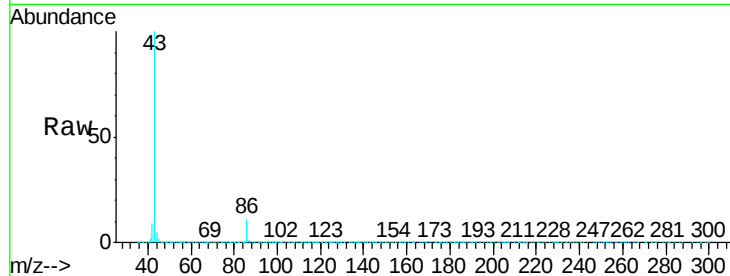
86 10.5 8.6 13.0

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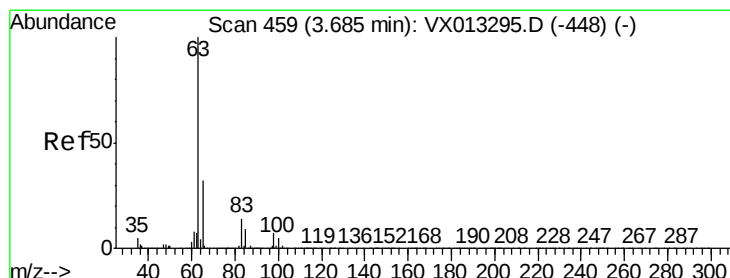
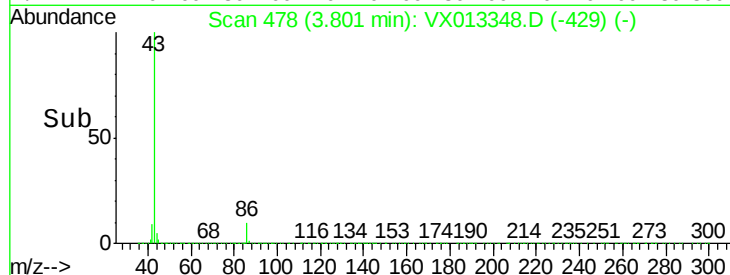
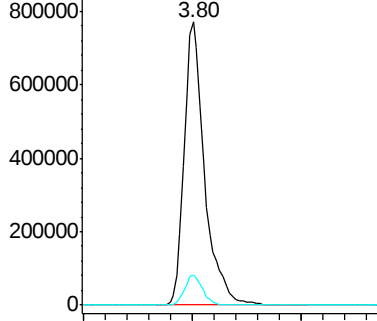
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.799 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

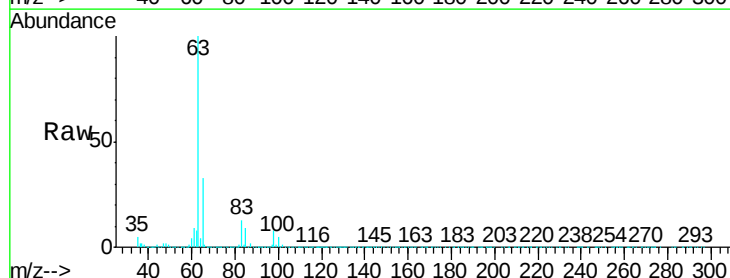
Tgt Ion: 63 Resp: 261152

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.4

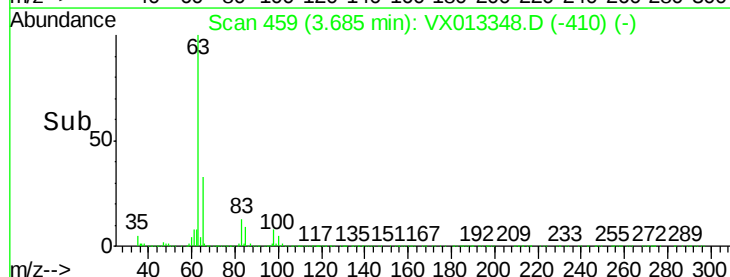
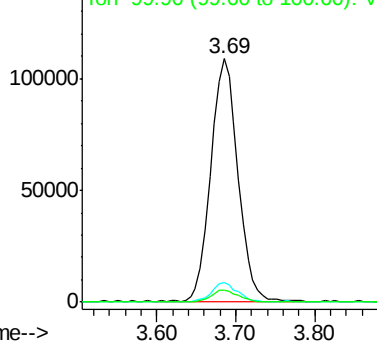
100 4.8 2.4 7.2

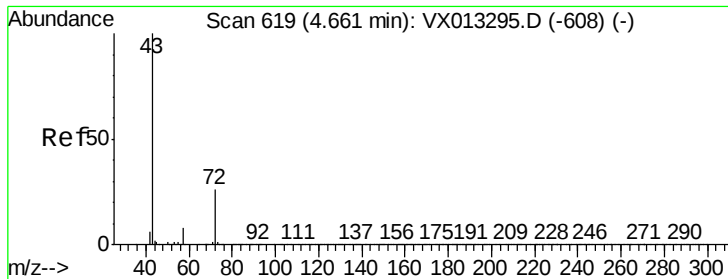


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 99.343 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

Tgt Ion: 43 Resp: 631058

Ion Ratio Lower Upper

43 100

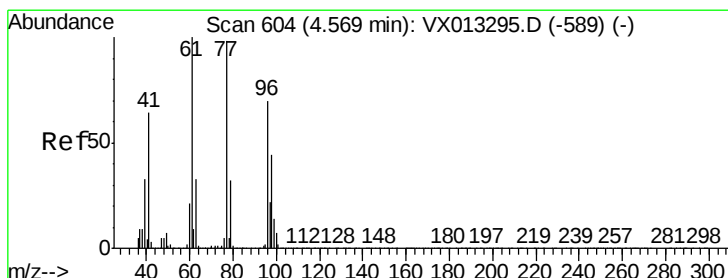
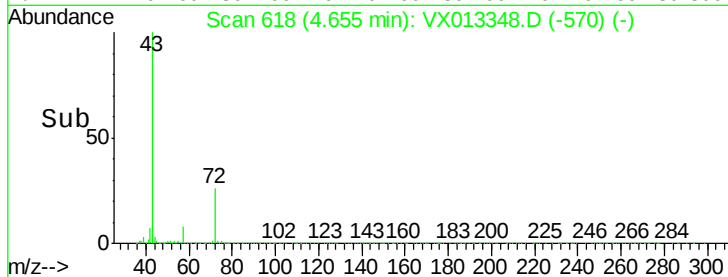
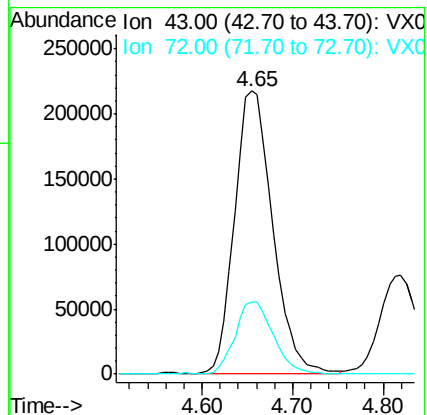
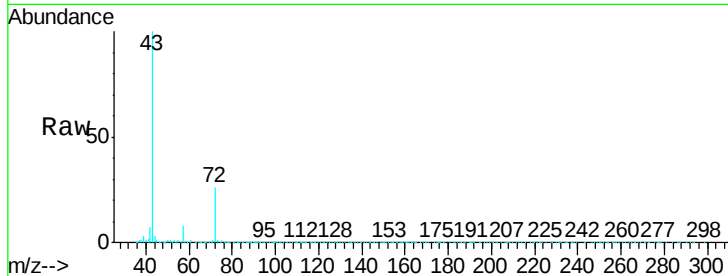
72 25.5 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.947 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013348.D

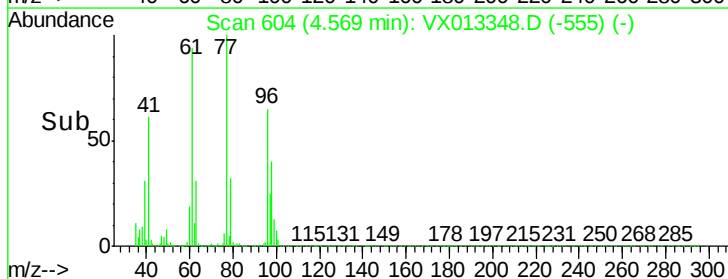
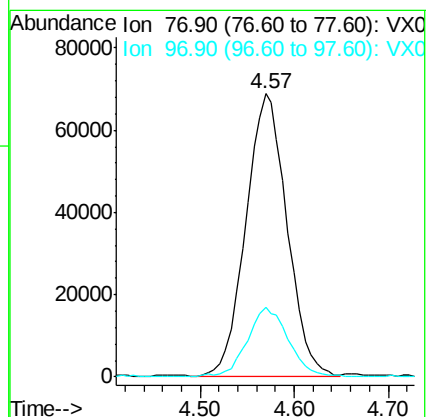
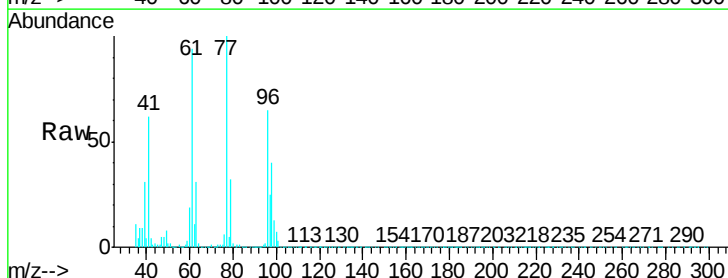
Acq: 07 Nov 2019 13:14

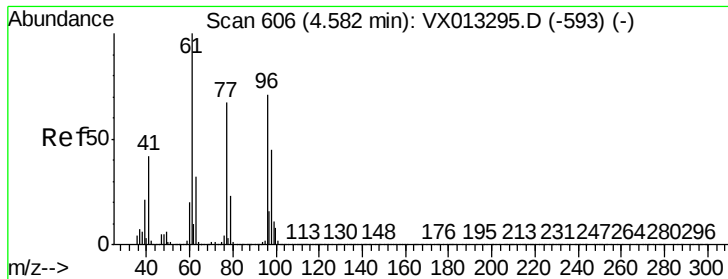
Tgt Ion: 77 Resp: 209302

Ion Ratio Lower Upper

77 100

97 24.8 11.3 33.8





#27

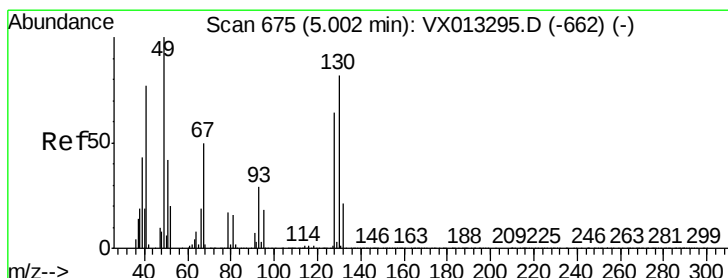
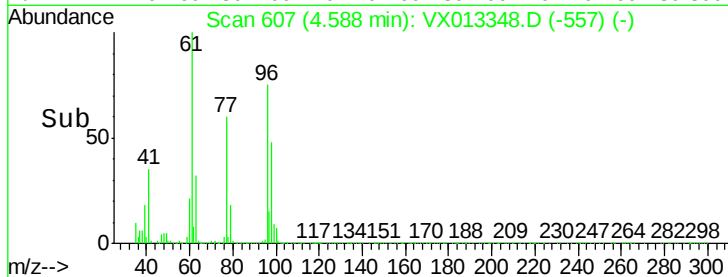
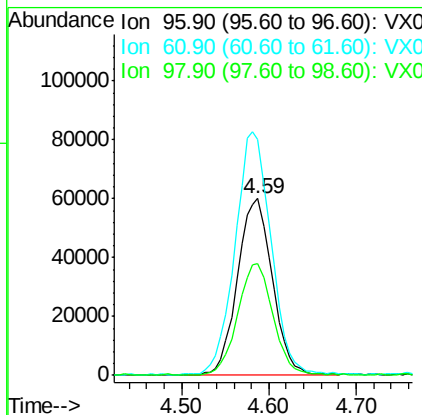
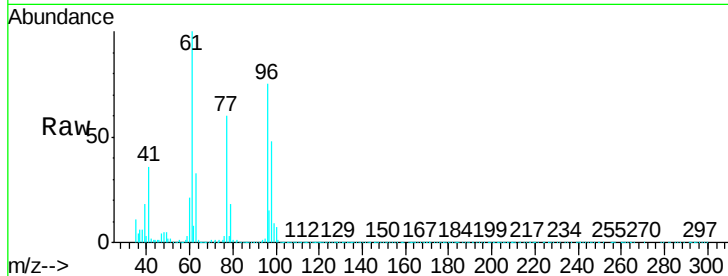
cis-1,2-Dichloroethene
Concen: 20.180 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	165444		
61	143.7	0.0	288.0	
98	63.8	0.0	129.6	

Manual Integrations
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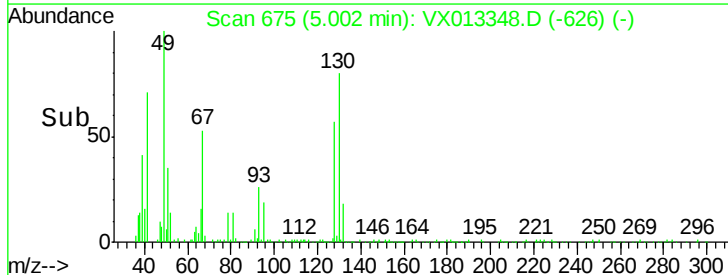
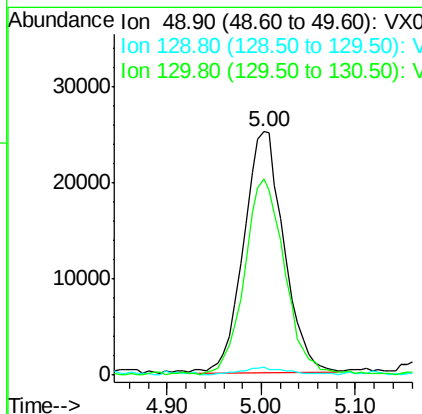
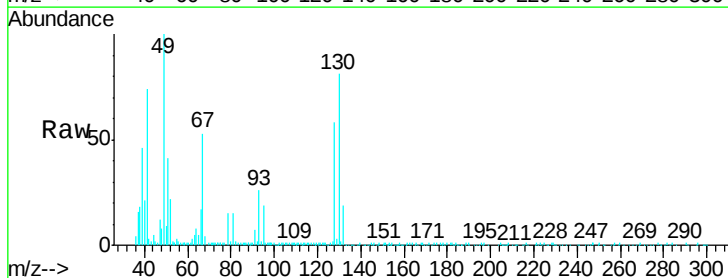
MMDadoda
11/8/2019 9:33:13 AM

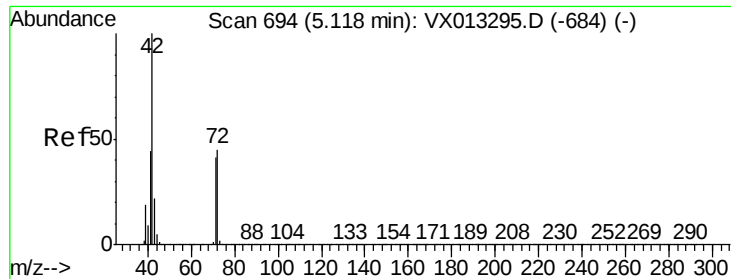


#28

Bromochloromethane
Concen: 19.988 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	74856		
129	2.8	0.0	5.2	
130	81.7	63.8	95.6	





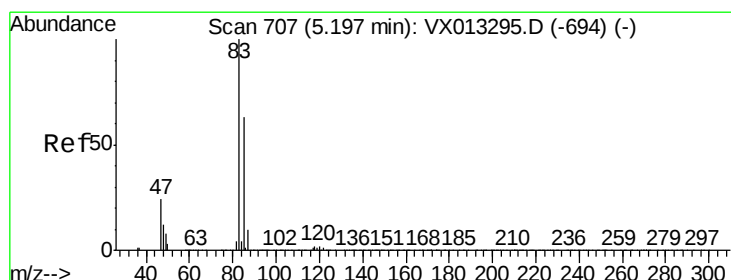
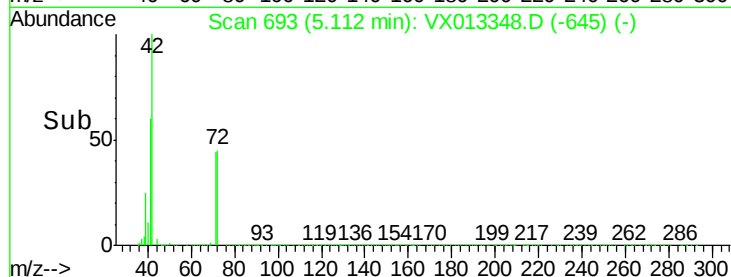
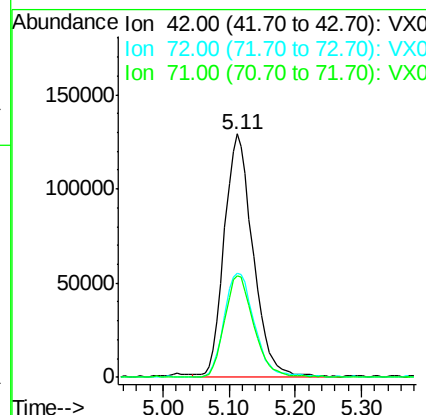
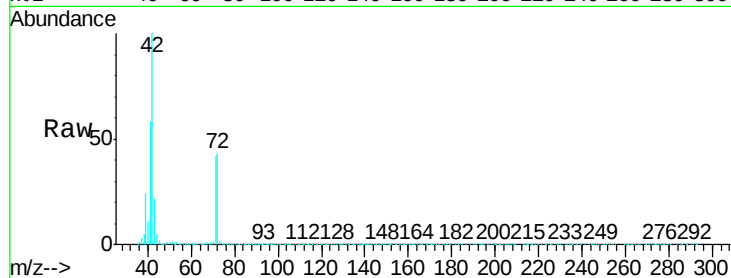
#29
Tetrahydrofuran
Concen: 98.206 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	384433		
72	45.5	35.8	53.8	
71	42.0	33.4	50.0	

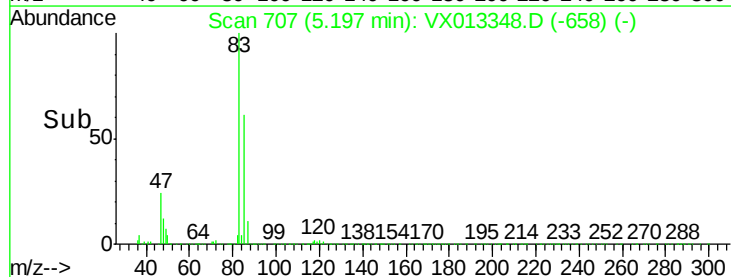
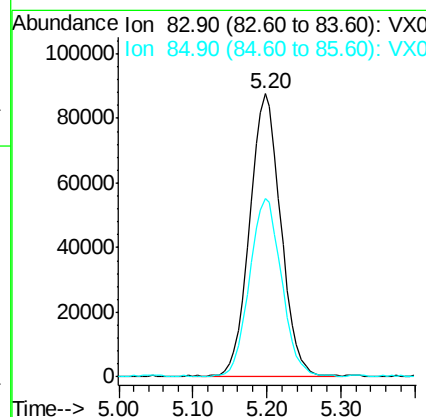
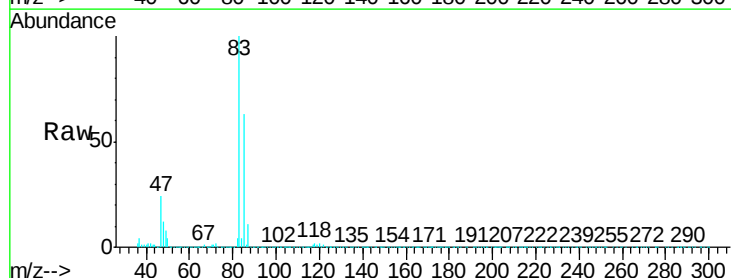
Manual Integrations
APPROVED

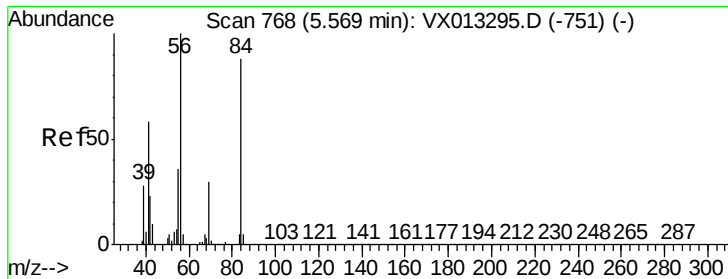
MMDadoda
11/8/2019 9:33:13 AM



#30
Chloroform
Concen: 19.727 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	256928		
85	63.0	50.2	75.4	





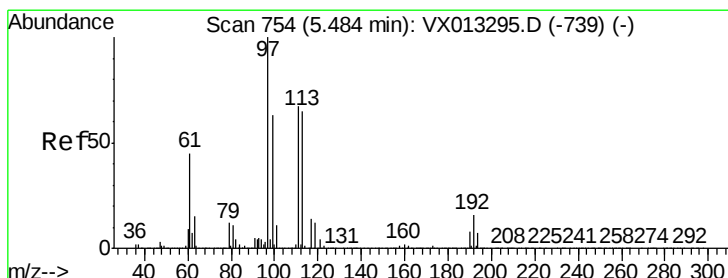
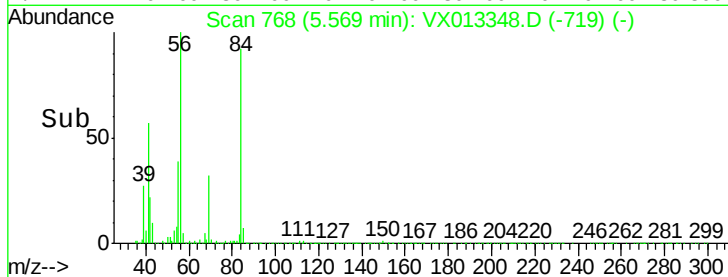
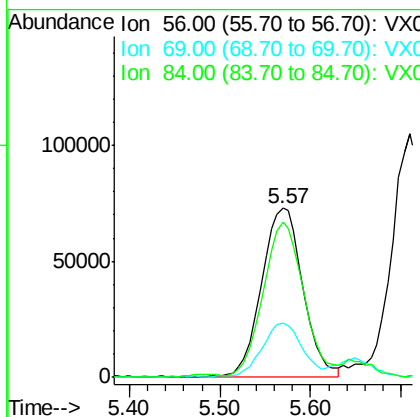
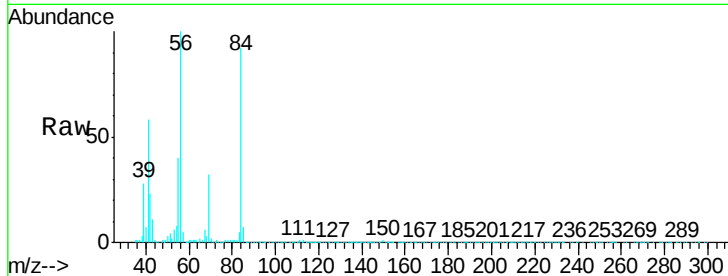
#31
Cyclohexane
Concen: 19.204 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.1	23.7	35.5
84	91.2	70.6	105.8

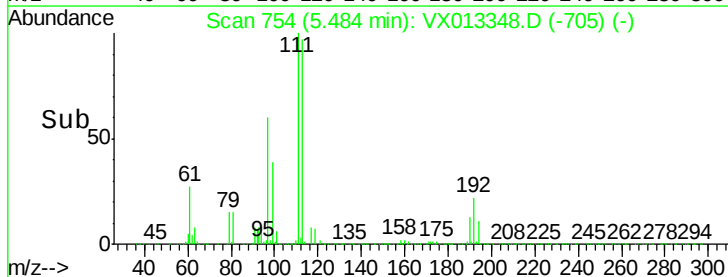
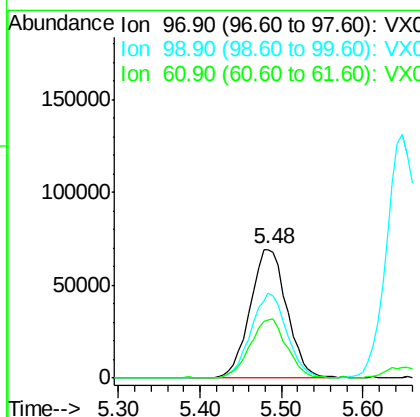
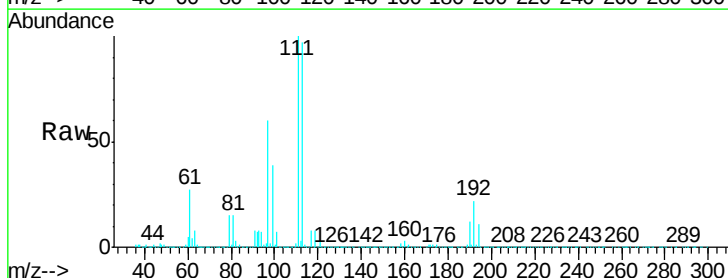
Manual Integrations
APPROVED

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#32
1,1,1-Trichloroethane
Concen: 19.389 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.1	76.7
61	45.2	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 44.880 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

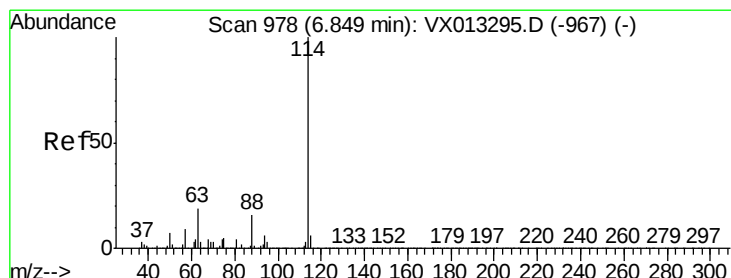
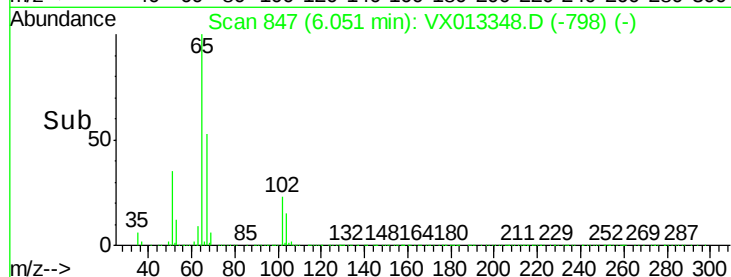
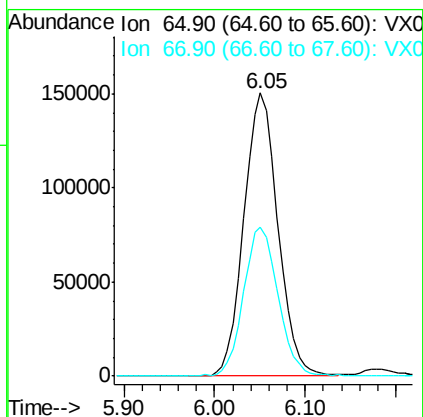
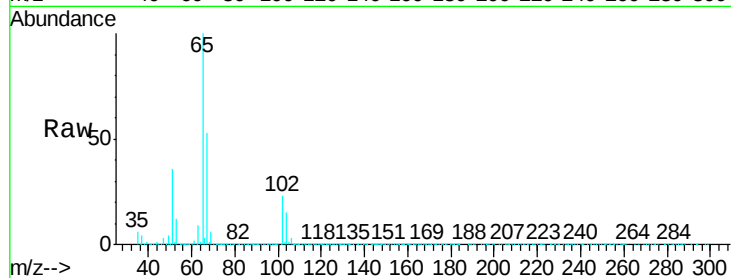
Tgt Ion: 65 Resp: 389613
Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.2

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013348.D

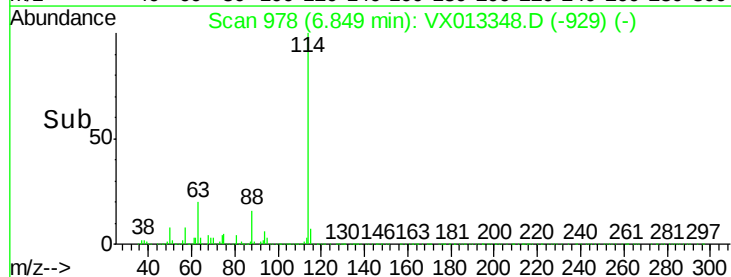
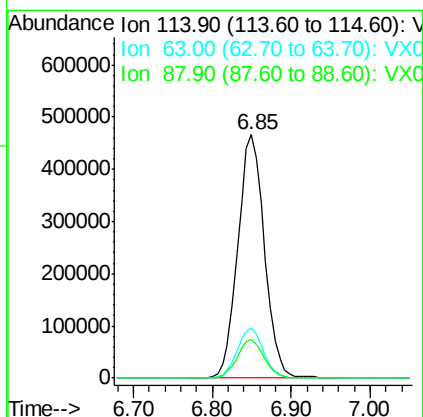
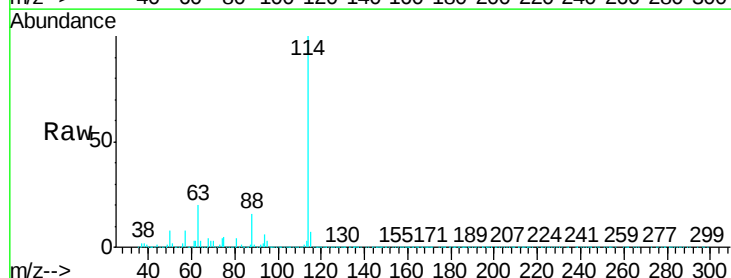
Acq: 07 Nov 2019 13:14

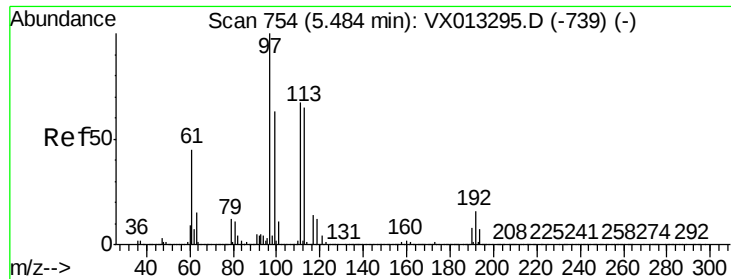
Tgt Ion: 114 Resp: 1095531
Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.4

88 16.1 0.0 32.2





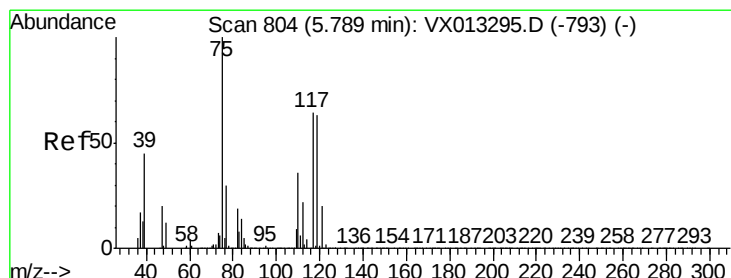
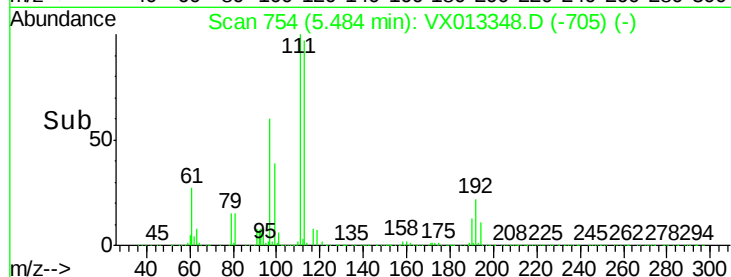
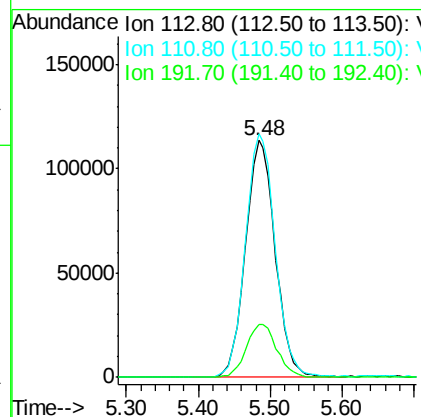
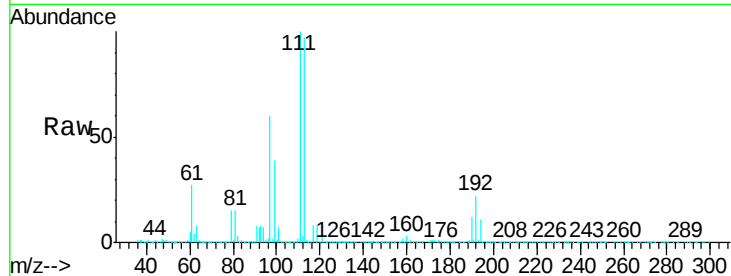
#35
 Dibromofluoromethane
 Concen: 47.171 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	324128		
111	102.9	81.9	122.9	
192	23.3	19.1	28.7	

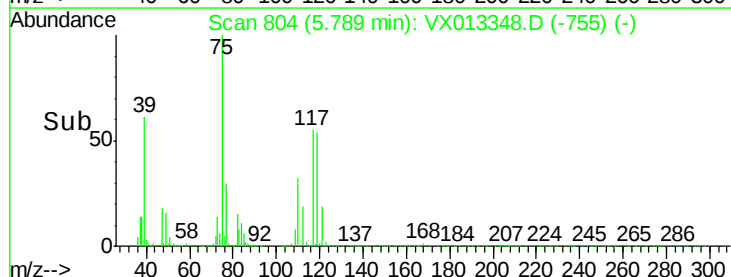
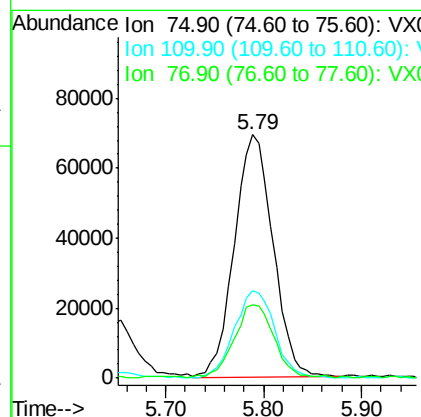
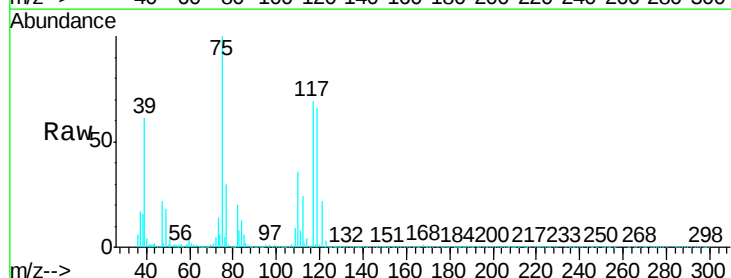
Manual Integrations
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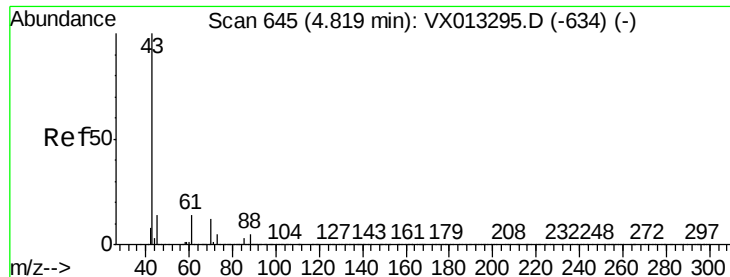
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 20.228 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	190106		
110	36.9	18.1	54.1	
77	30.4	25.0	37.4	





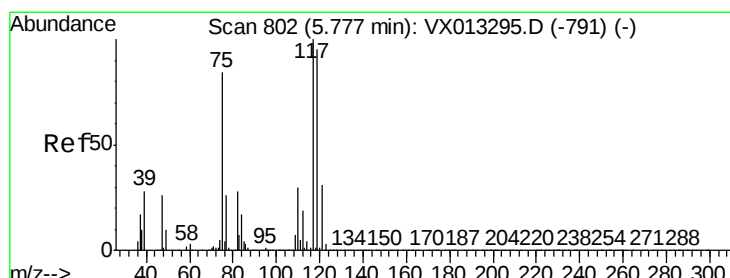
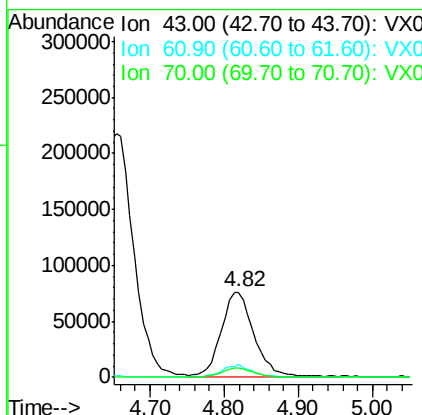
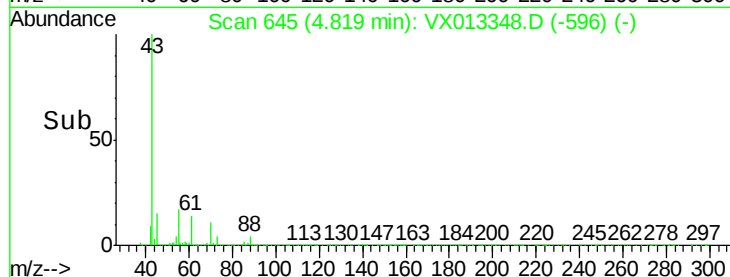
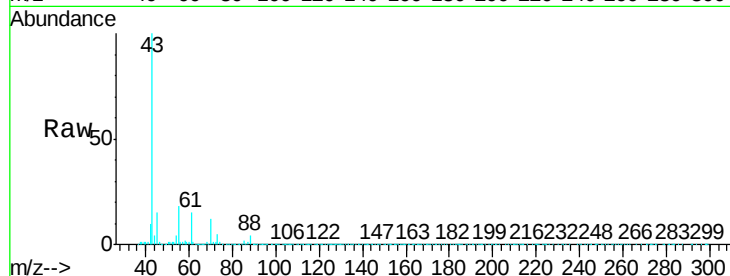
#37
Ethyl Acetate
Concen: 20.039 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.7	16.1
70	10.5	8.7	13.1

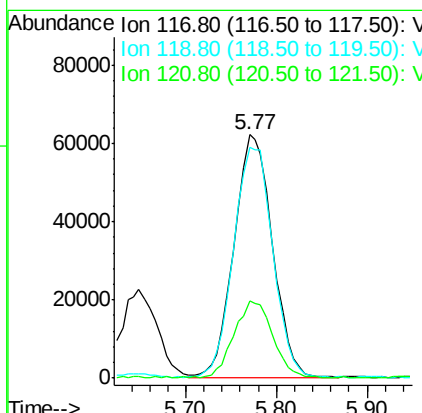
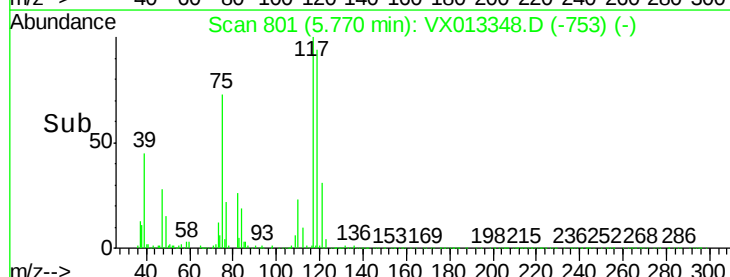
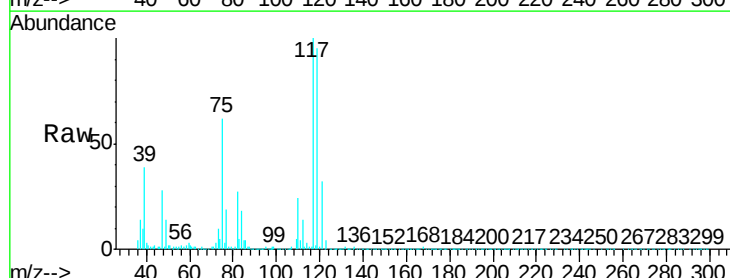
Manual Integrations
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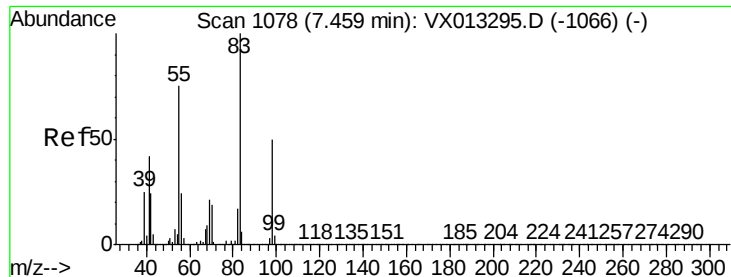
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#38
Carbon Tetrachloride
Concen: 19.854 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.1	114.1
121	31.4	24.6	37.0





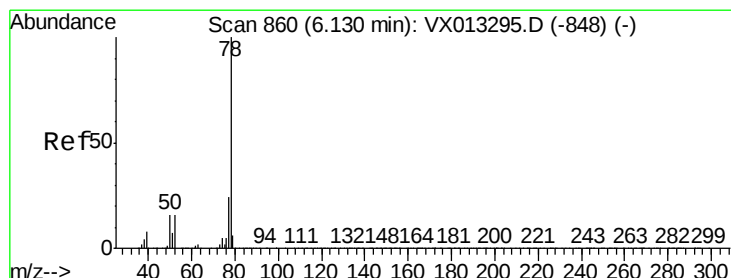
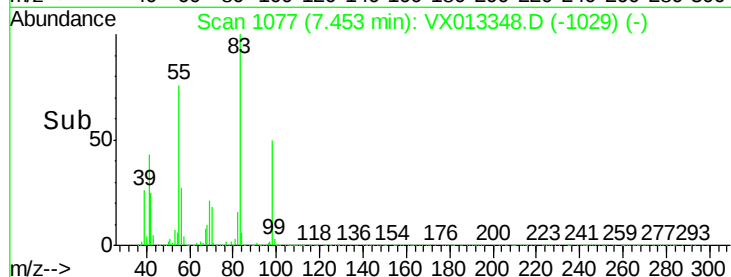
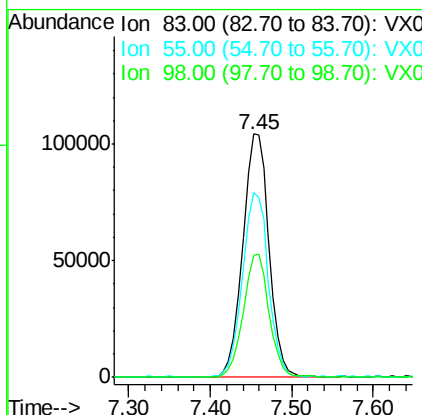
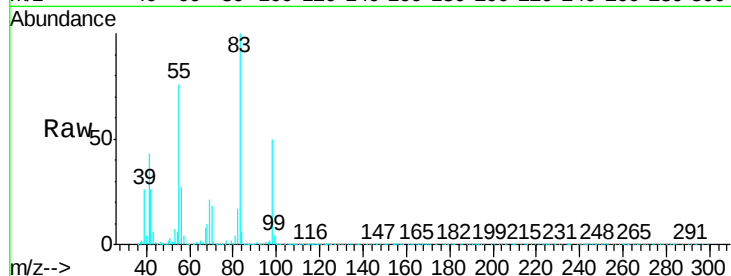
#39
Methylcyclohexane
Concen: 19.825 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion	Ratio	Resp Lower	Resp Upper
83	100		
55	75.9	60.3	90.5
98	50.0	40.3	60.5

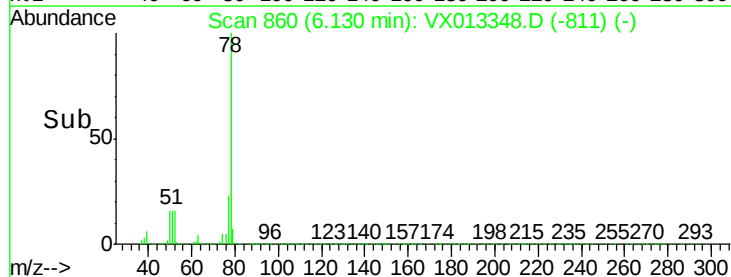
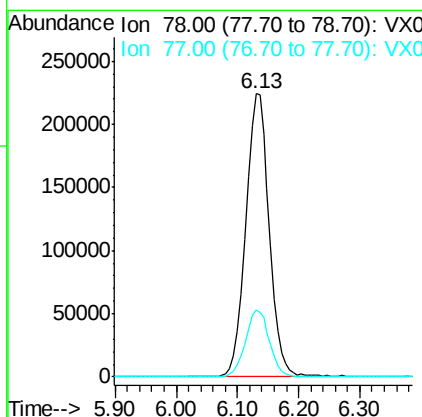
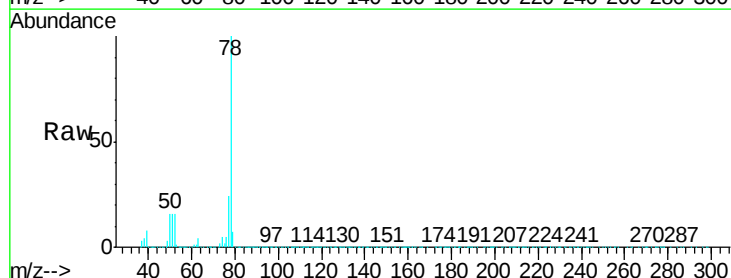
Manual Integrations
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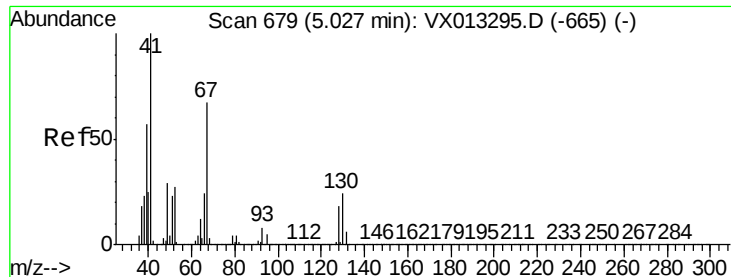
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11/8/2019 9:33:13 AM



#40
Benzene
Concen: 20.358 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
78	100		
77	23.8	19.5	29.3





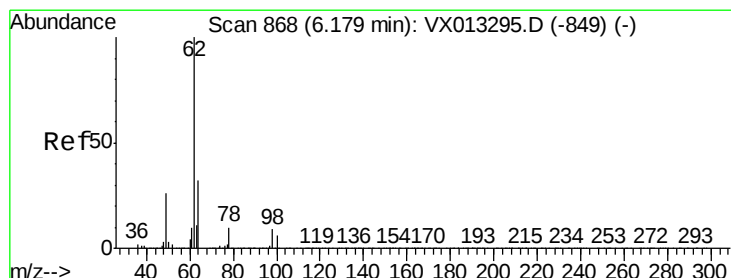
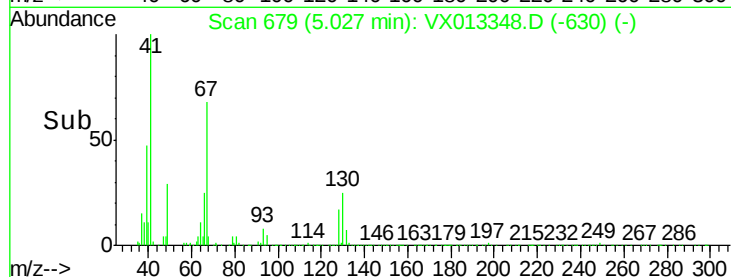
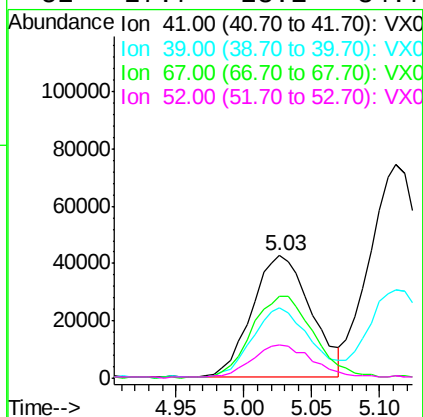
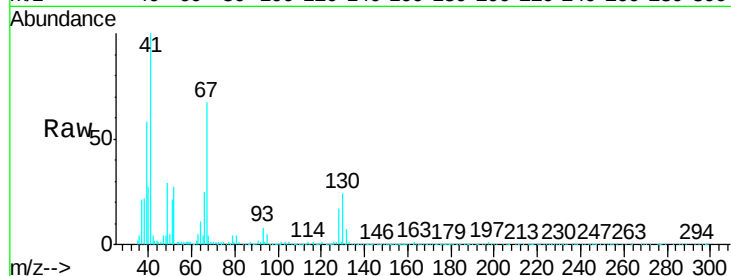
#41
Methacrylonitrile
Concen: 19.679 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.3	45.0	67.6
67	70.2	55.4	83.2
52	27.7	23.1	34.7

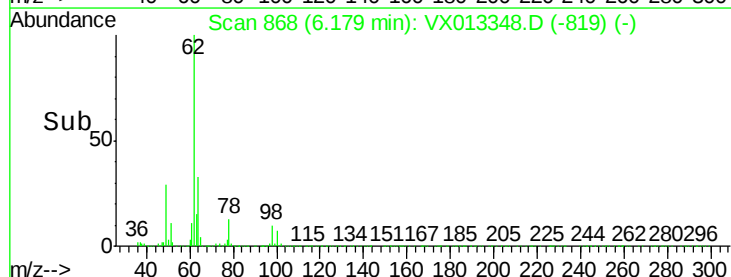
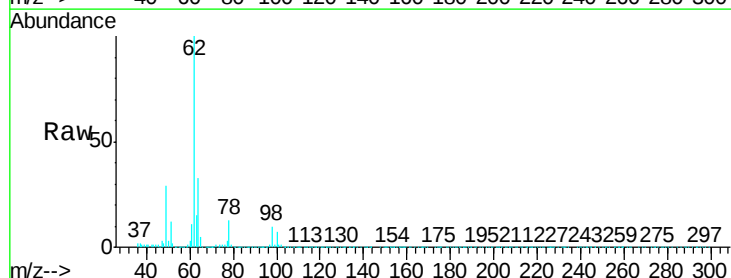
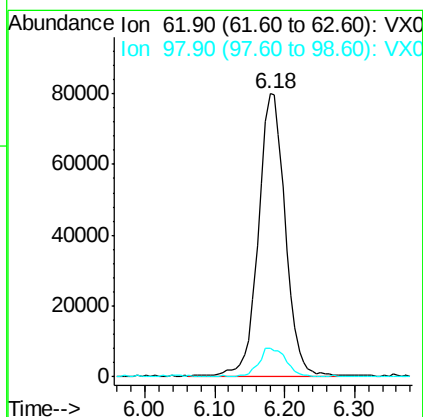
Manual Integrations
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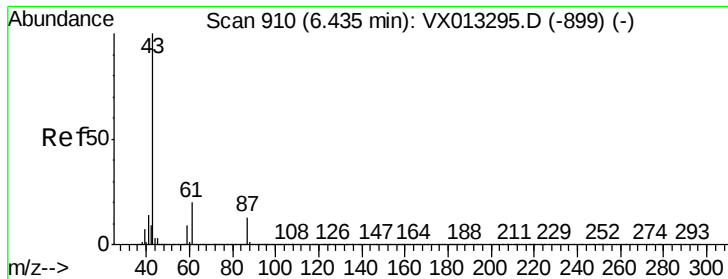
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#42
1,2-Dichloroethane
Concen: 20.473 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.4





#43

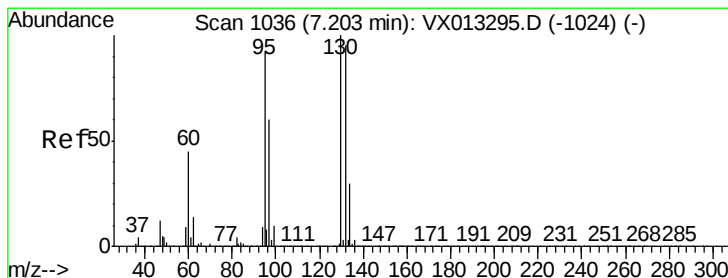
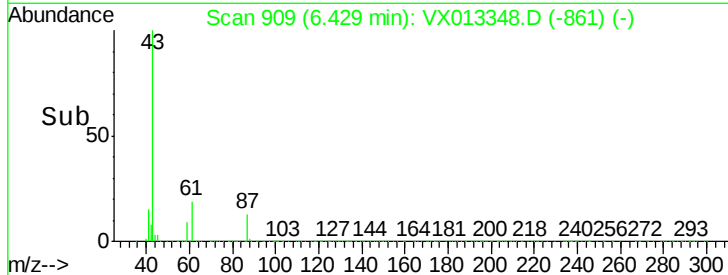
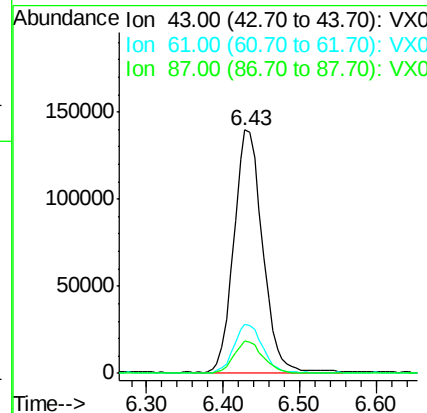
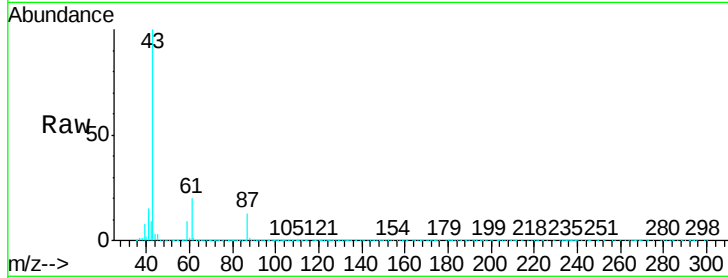
Isopropyl Acetate
 Concen: 20.012 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.8	23.8
87	13.4	10.4	15.6

Manual Integrations
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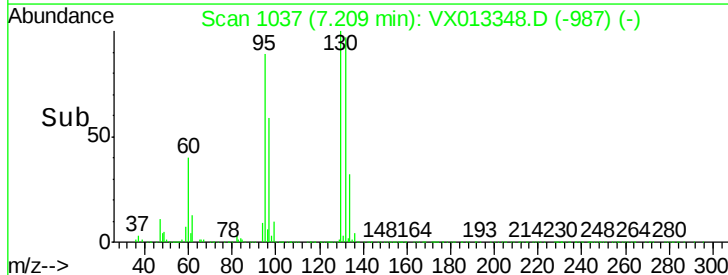
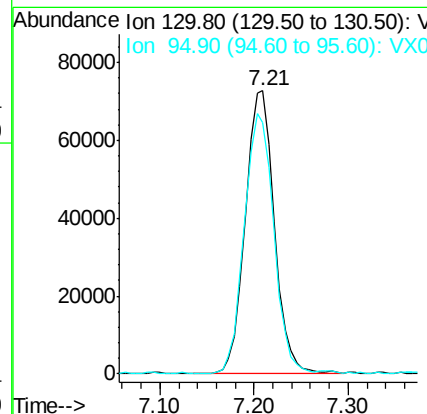
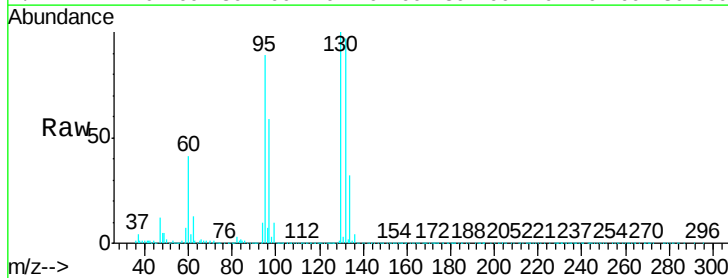
MMDadoda
 11/8/2019 9:33:13 AM

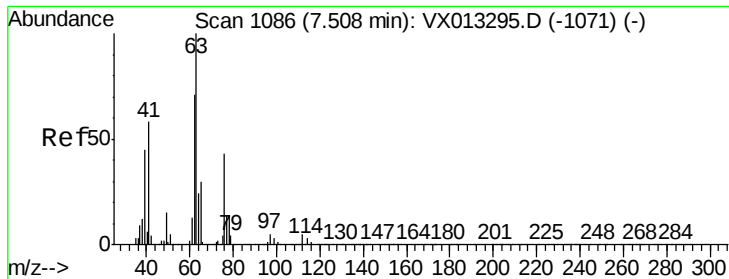


#44

Trichloroethene
 Concen: 19.470 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.4	0.0	184.8





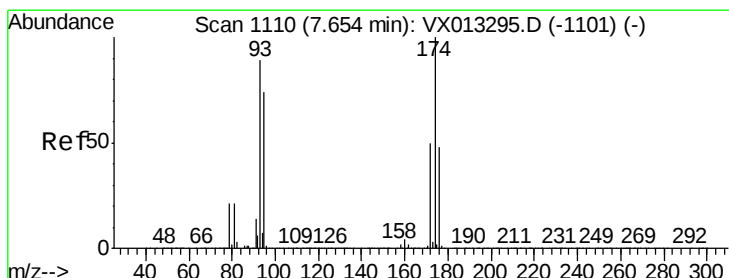
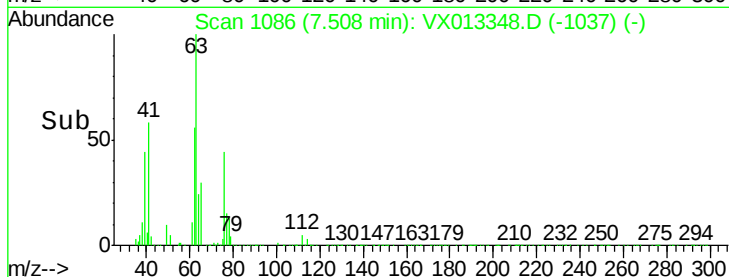
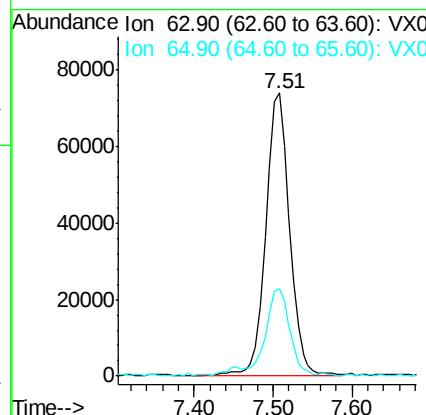
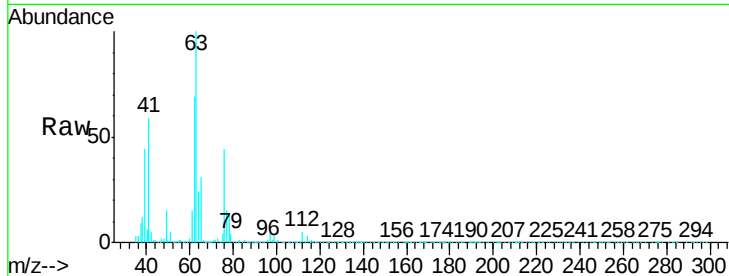
#45
 1,2-Dichloropropane
 Concen: 20.783 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Tgt Ion: 63 Resp: 155026
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.3 36.5

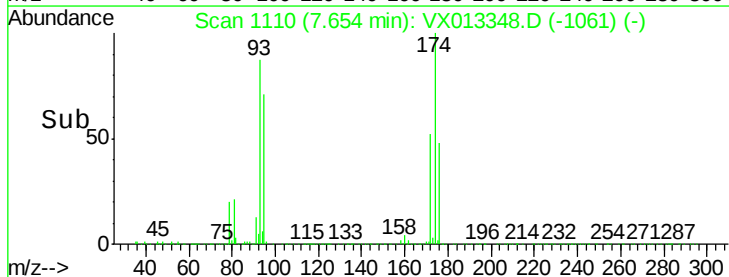
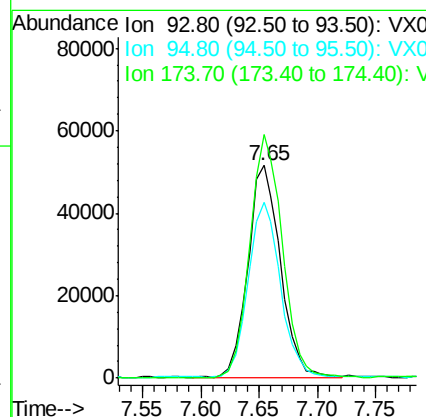
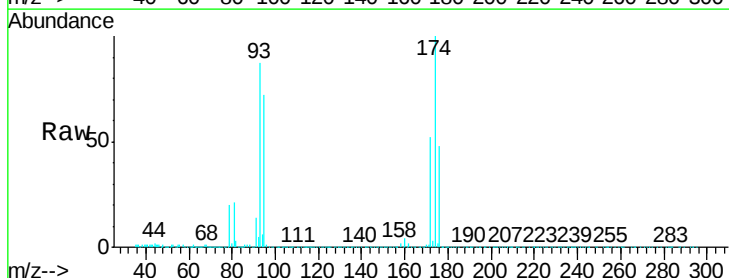
Manual Integrations
 APPROVED

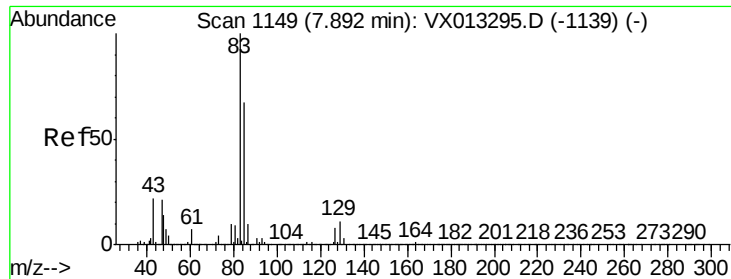
MMDadoda
 11/8/2019 9:33:13 AM



#46
 Dibromomethane
 Concen: 19.534 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Tgt Ion: 93 Resp: 99484
 Ion Ratio Lower Upper
 93 100
 95 82.3 65.8 98.6
 174 116.2 90.4 135.6





#47

Bromodichloromethane

Concen: 20.482 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

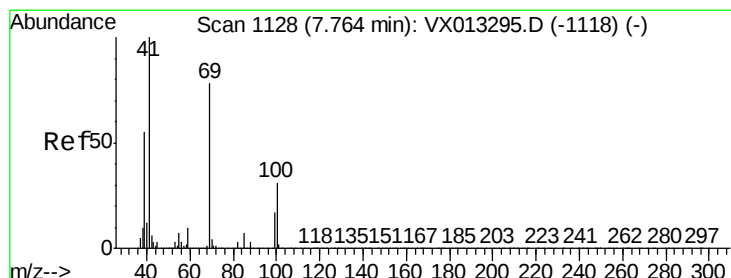
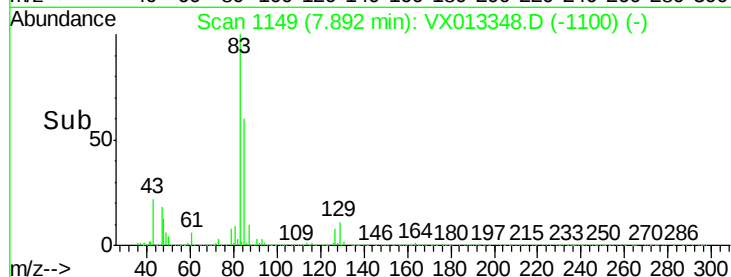
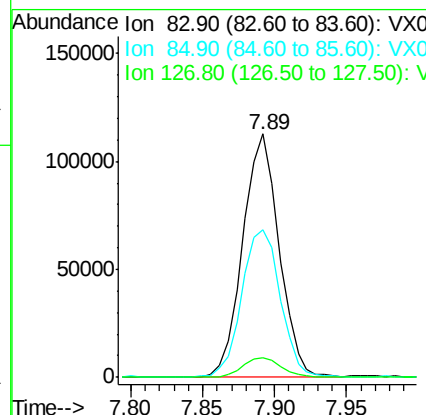
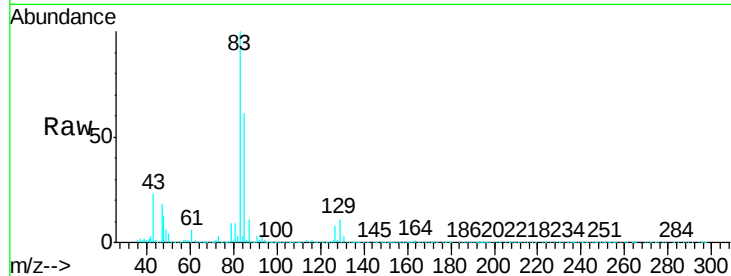
ClientSampleId :

VX1107WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.3	53.7	80.5
127	7.9	6.4	9.6

Manual Integrations
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MMDadoda
11/8/2019 9:33:13 AM



#48

Methyl methacrylate

Concen: 20.096 ug/l

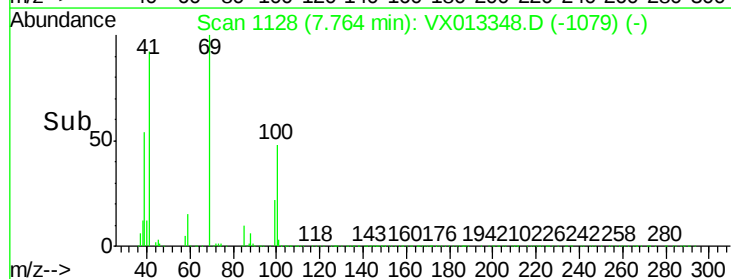
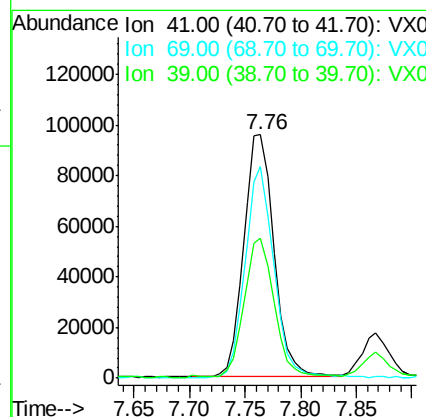
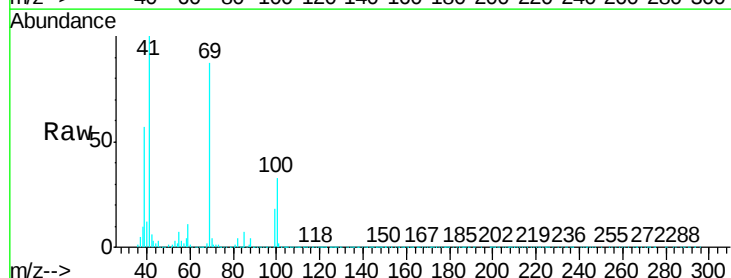
RT: 7.76 min Scan# 1128

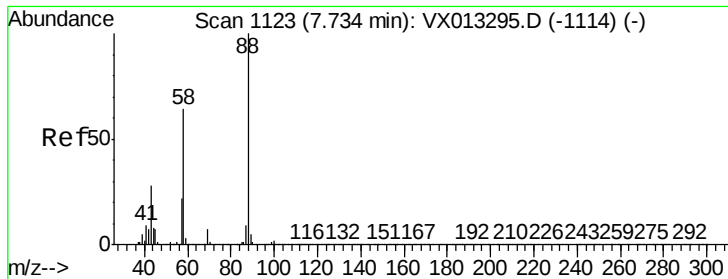
Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.6	63.0	94.6
39	56.2	45.9	68.9





#49

1,4-Dioxane

Concen: 387.683 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

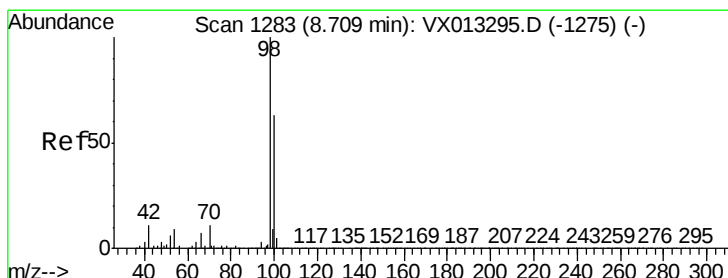
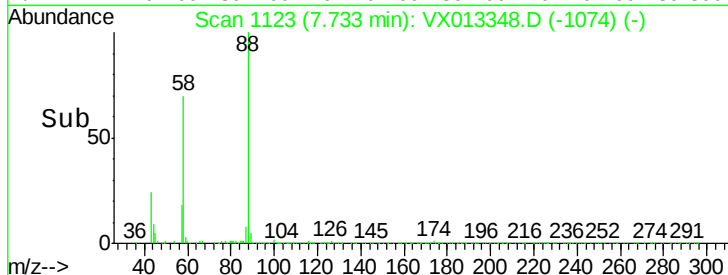
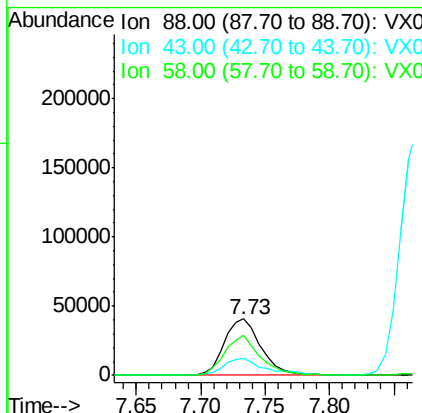
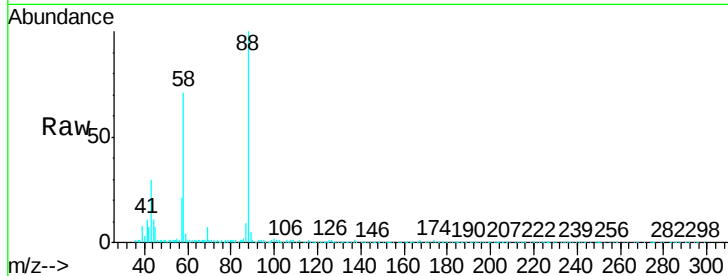
ClientSampleId :

VX1107WBSD01

Tgt Ion:	88	Resp:	80145
Ion	Ratio	Lower	Upper
88	100		
43	33.8	26.6	39.8
58	68.3	55.0	82.6

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#50

Toluene-d8

Concen: 47.724 ug/l

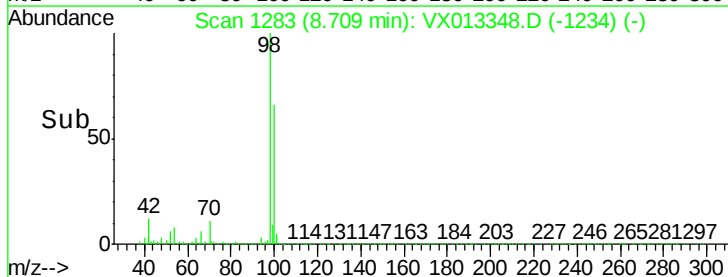
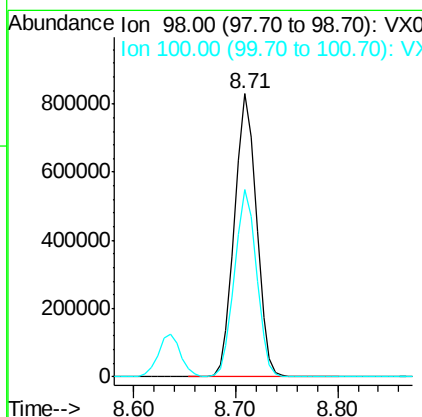
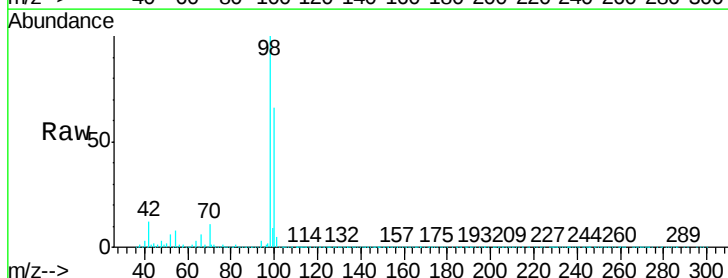
RT: 8.71 min Scan# 1283

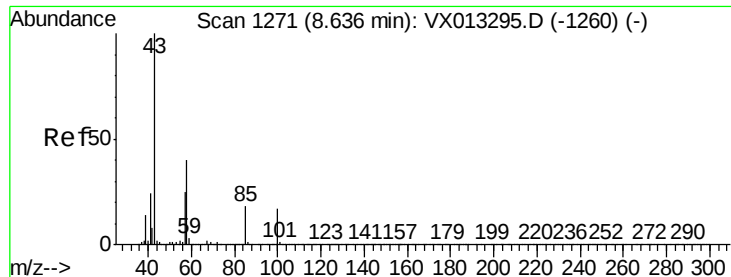
Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Tgt Ion:	98	Resp:	1236238
Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.2	78.2





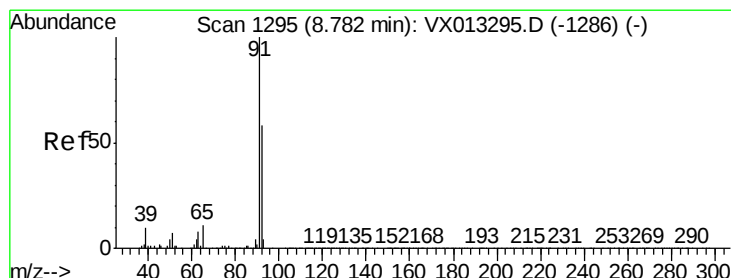
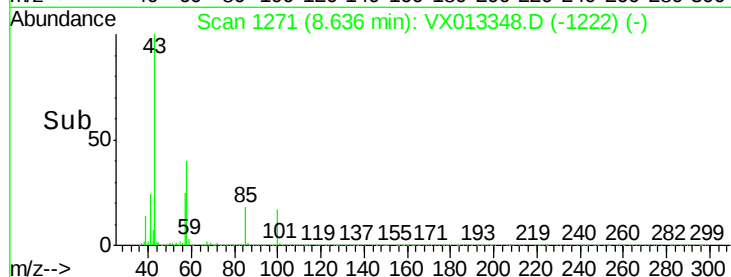
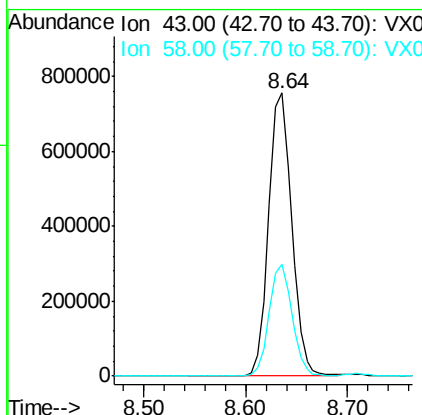
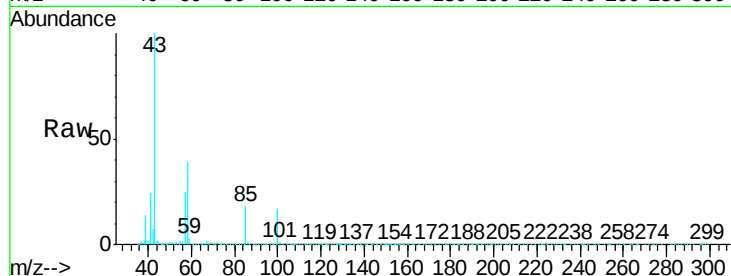
#51
4-Methyl-2-Pentanone
Concen: 99.997 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion: 43 Resp: 1186412
Ion Ratio Lower Upper
43 100
58 39.2 31.4 47.0

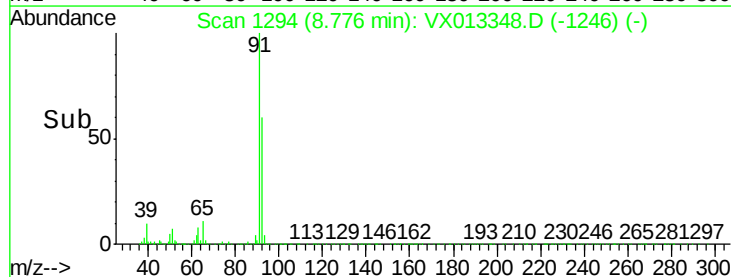
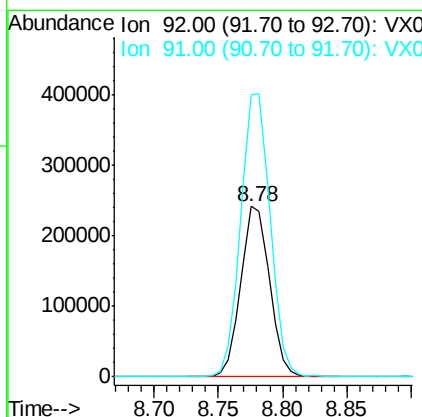
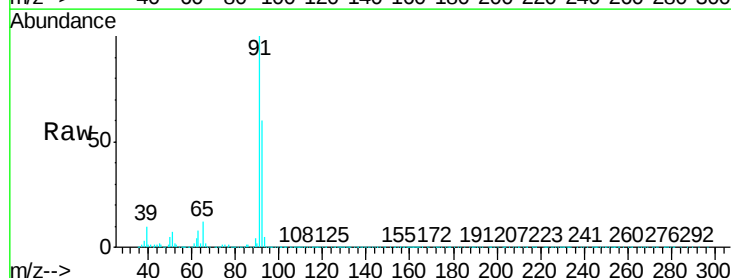
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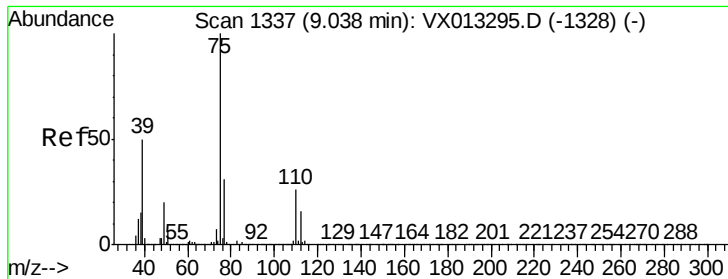
MMDadoda
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#52
Toluene
Concen: 20.559 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion: 92 Resp: 373039
Ion Ratio Lower Upper
92 100
91 170.8 138.0 207.0





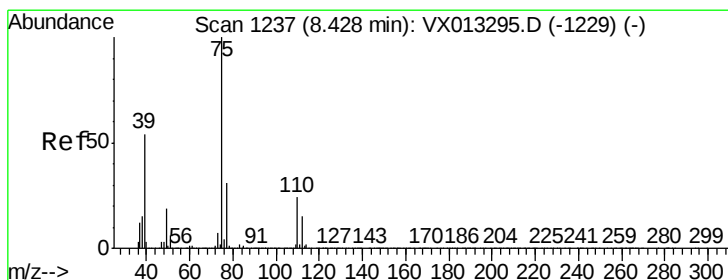
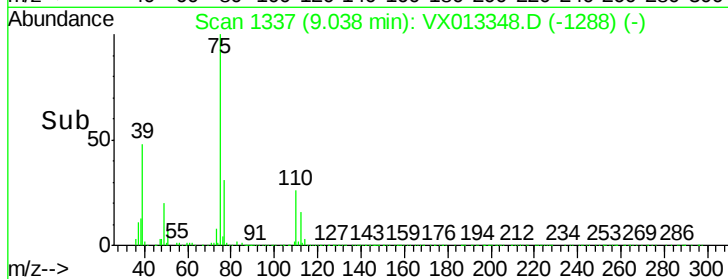
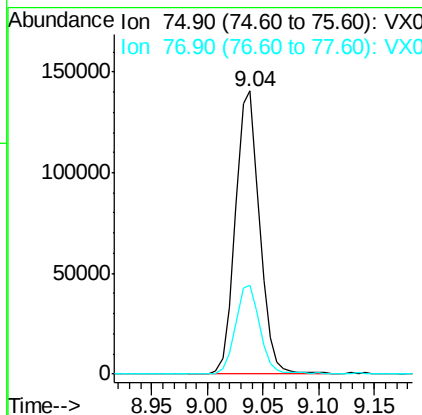
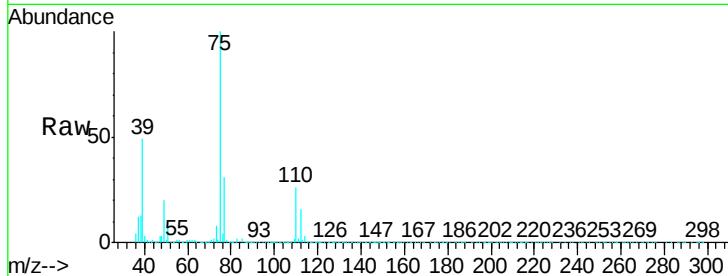
#53
t-1,3-Dichloropropene
Concen: 20.007 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	210106		
77	31.1	25.0	37.4	

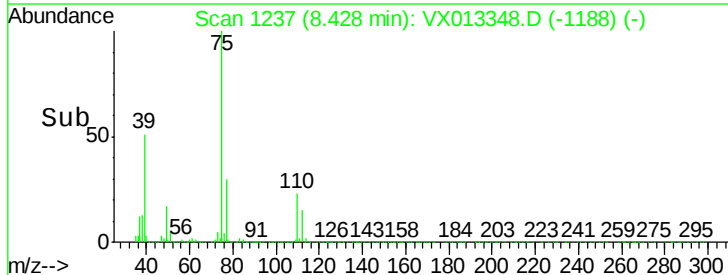
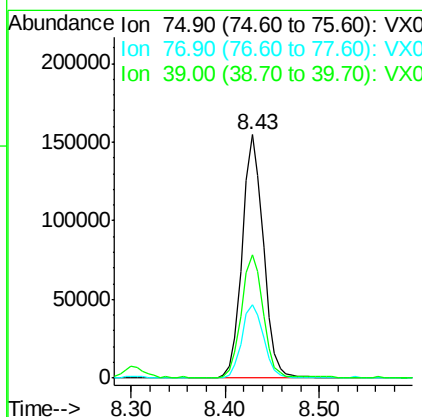
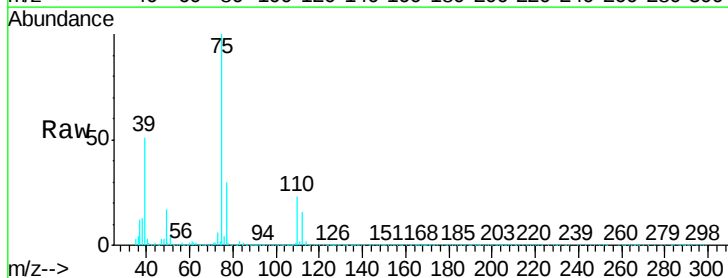
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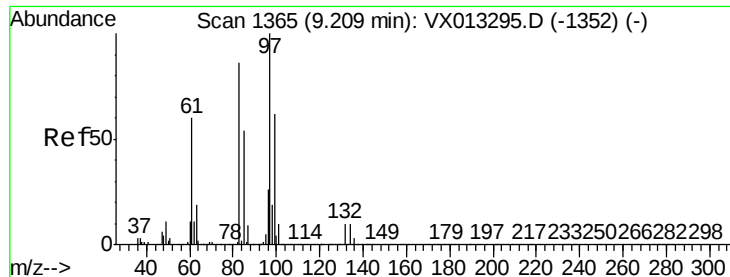
MMDadoda
11/8/2019 9:33:13 AM



#54
cis-1,3-Dichloropropene
Concen: 20.585 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	241820		
77	30.0	24.7	37.1	
39	50.4	43.0	64.6	





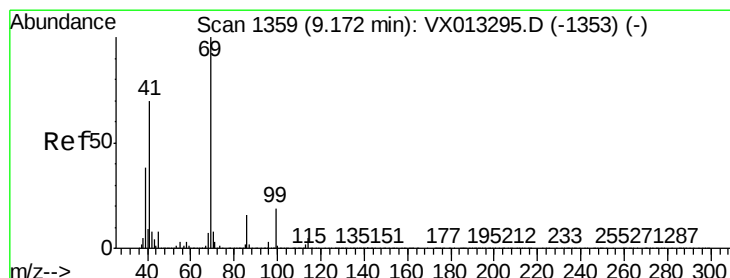
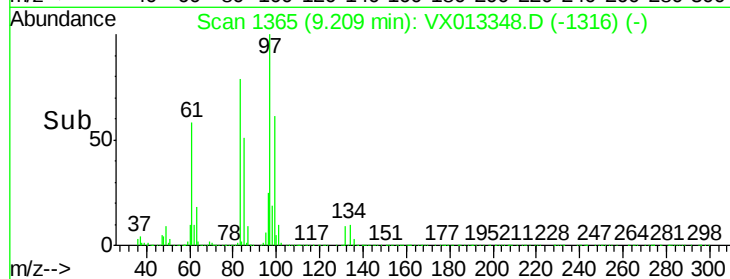
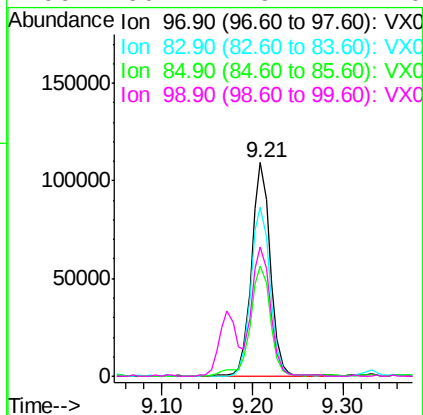
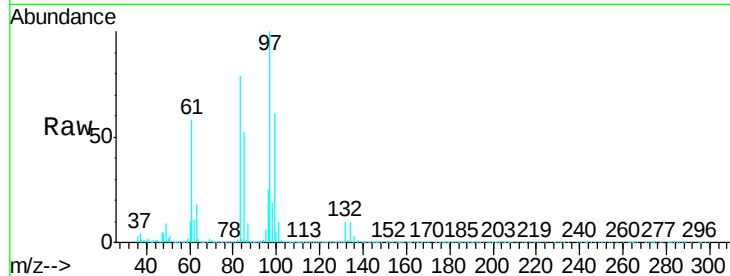
#55
 1,1,2-Trichloroethane
 Concen: 20.861 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	156891		
83	79.0	68.6	103.0	
85	51.4	43.1	64.7	
99	60.4	49.4	74.0	

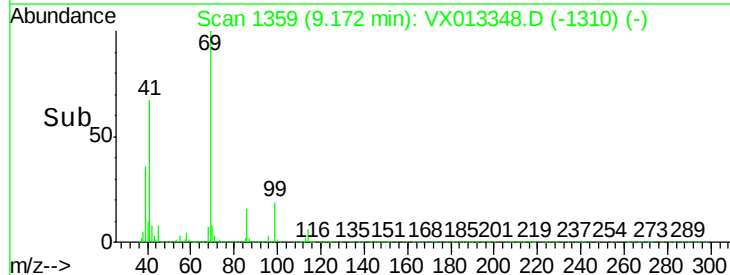
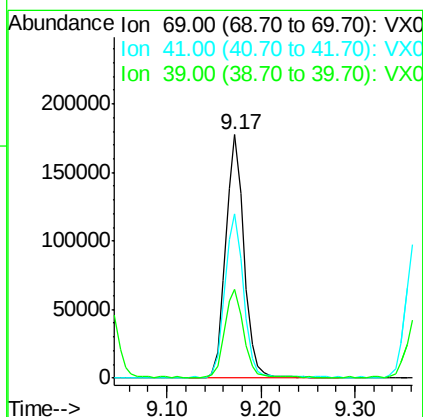
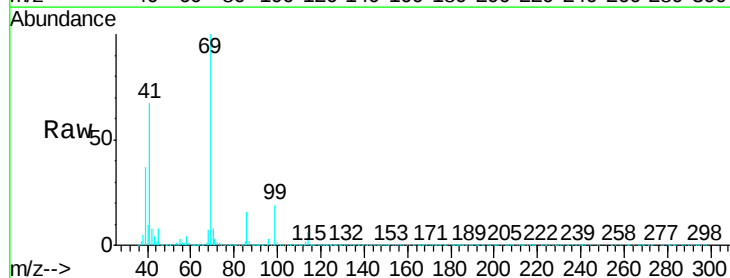
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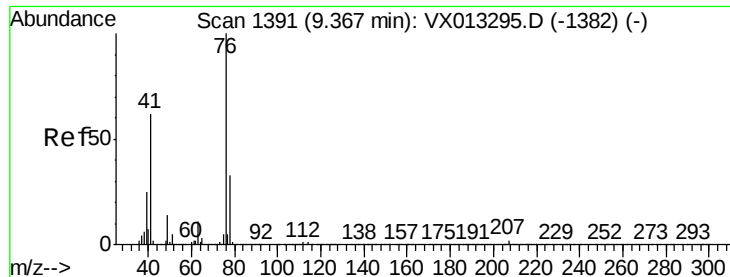
MMDadoda
 11/8/2019 9:33:13 AM



#56
 Ethyl methacrylate
 Concen: 19.700 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	240387		
41	68.3	56.2	84.2	
39	37.2	31.1	46.7	





#57

1,3-Dichloropropane

Concen: 20.114 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

Tgt Ion: 76 Resp: 256789

Ion Ratio Lower Upper

76 100

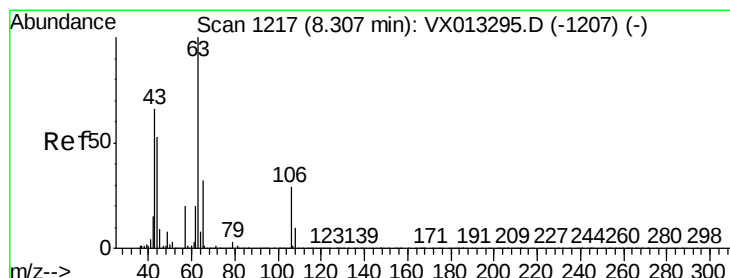
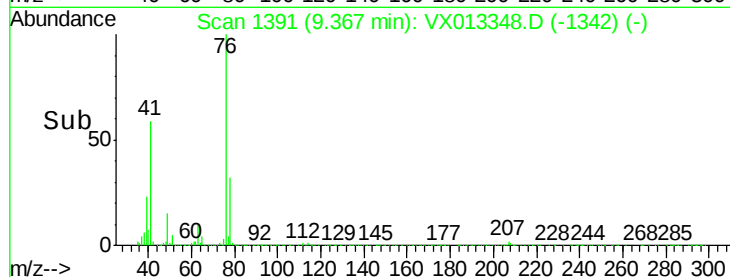
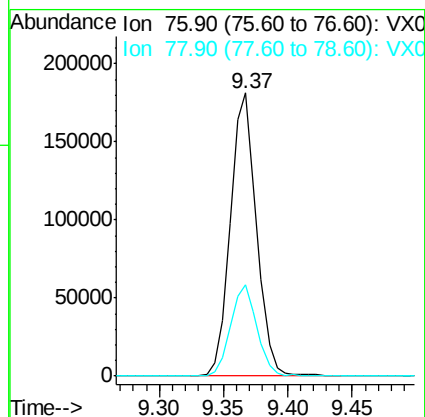
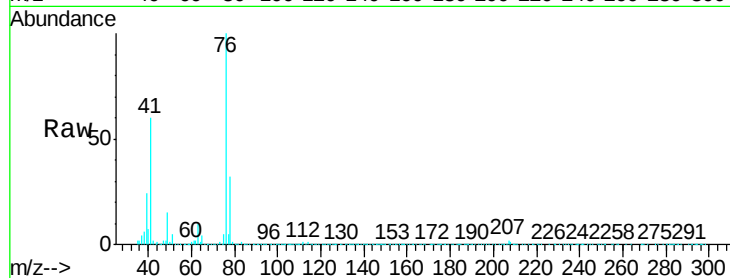
78 32.2 25.8 38.6

Manual Integrations

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MMDadoda

11/8/2019 9:33:13 AM



#58

2-Chloroethyl Vinyl ether

Concen: 98.523 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013348.D

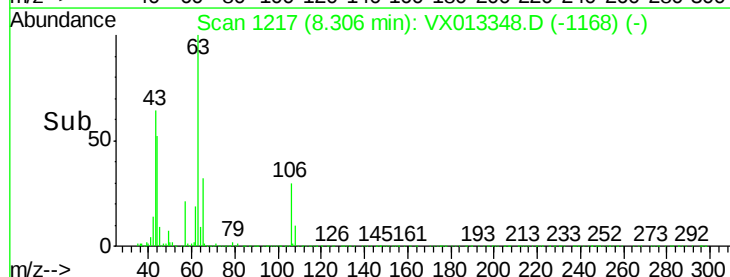
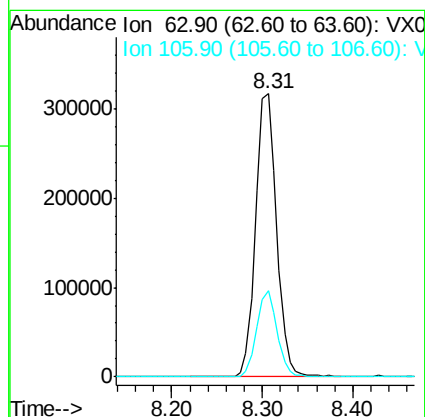
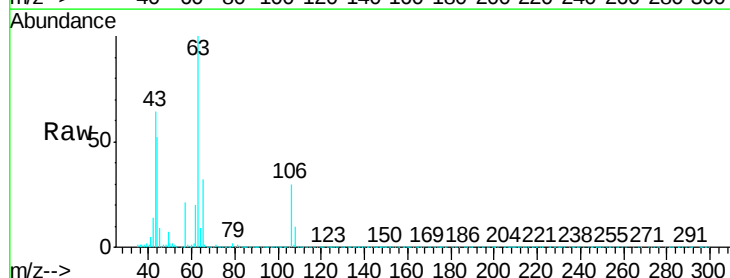
Acq: 07 Nov 2019 13:14

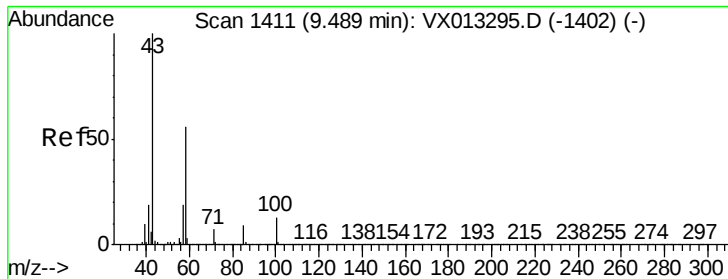
Tgt Ion: 63 Resp: 506641

Ion Ratio Lower Upper

63 100

106 29.5 23.4 35.2





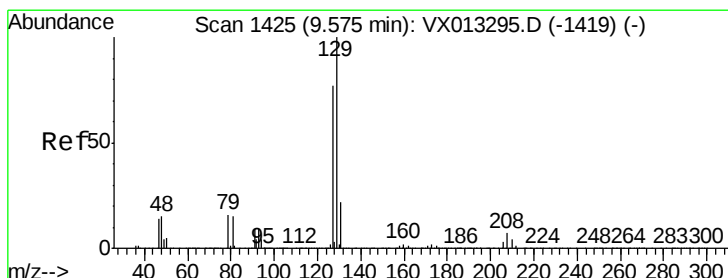
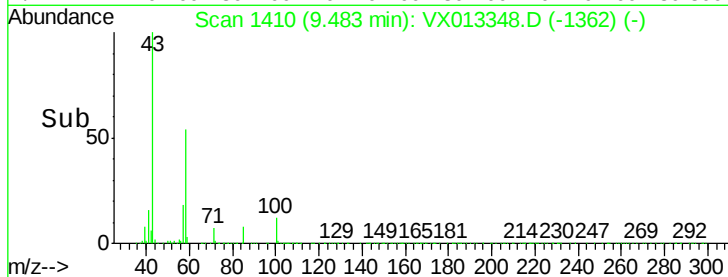
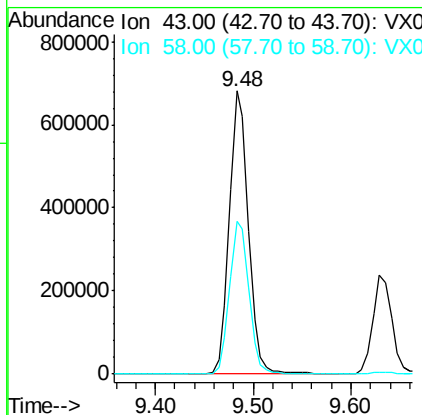
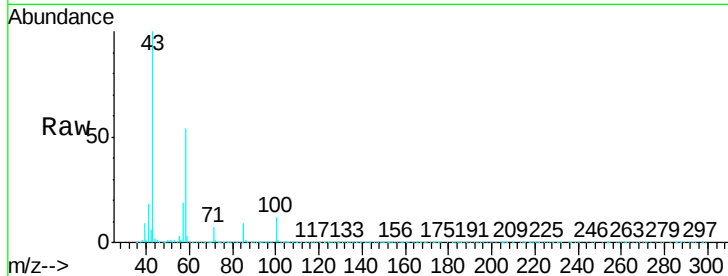
#59
2-Hexanone
Concen: 100.150 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion: 43 Resp: 918237
Ion Ratio Lower Upper
43 100
58 55.4 27.3 81.8

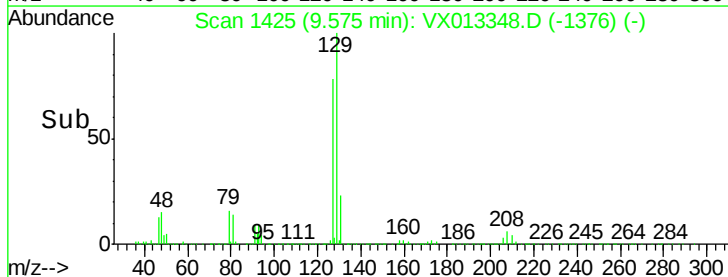
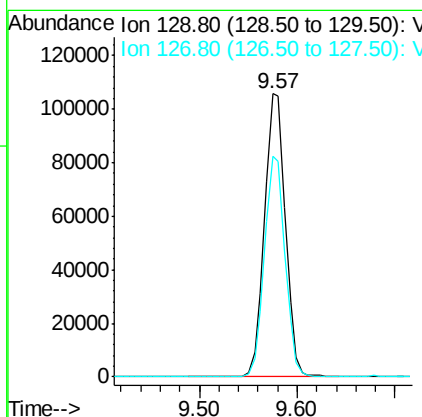
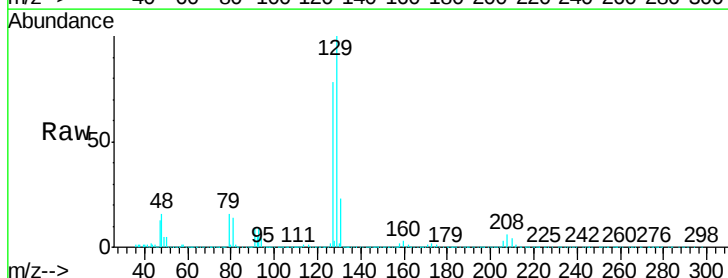
Manual Integrations
APPROVED

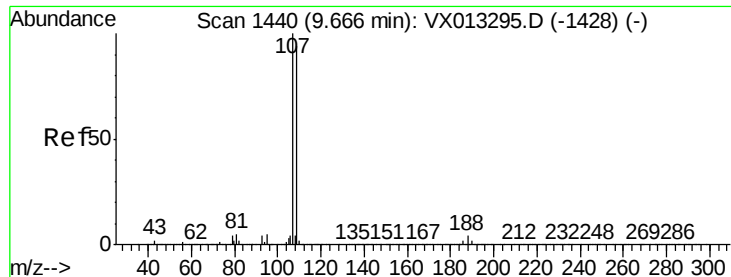
MMDadoda
11/8/2019 9:33:13 AM



#60
Dibromochloromethane
Concen: 20.464 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion: 129 Resp: 157407
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.2





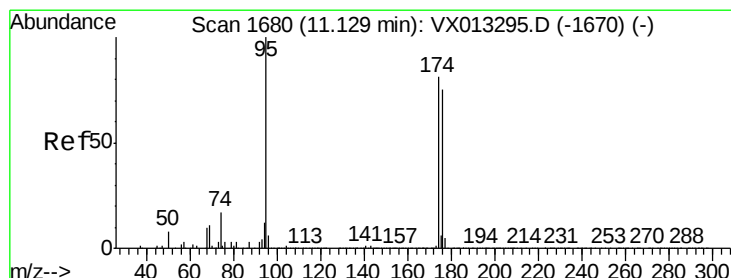
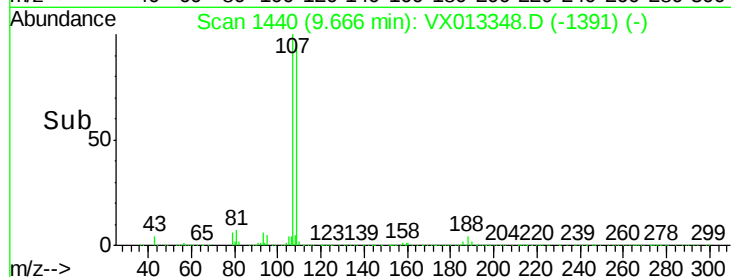
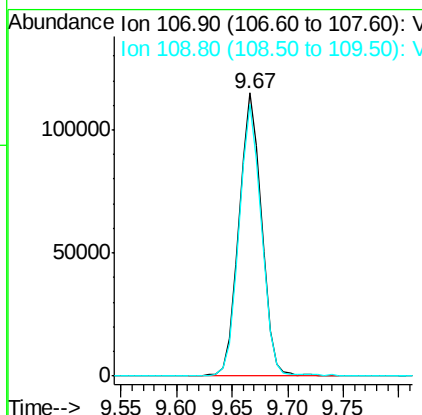
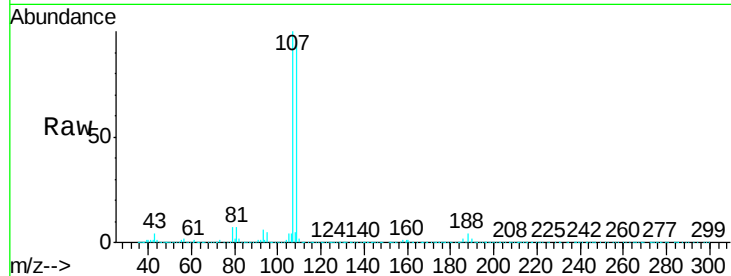
#61
 1,2-Dibromoethane
 Concen: 20.170 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	161081		
109	95.3	75.1	112.7	

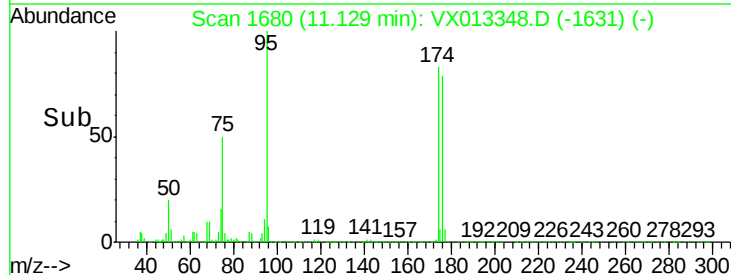
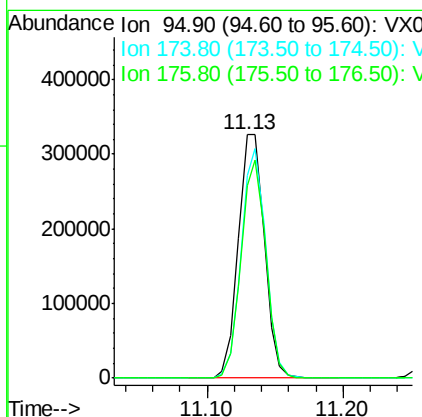
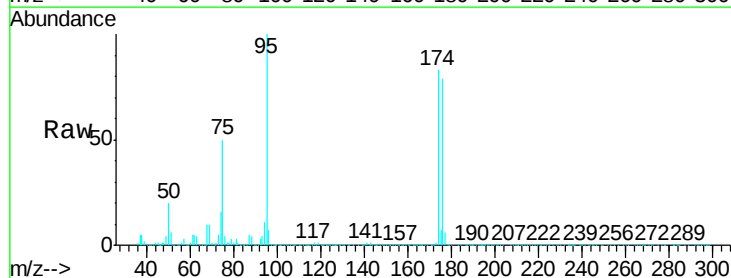
Manual Integrations
 APPROVED

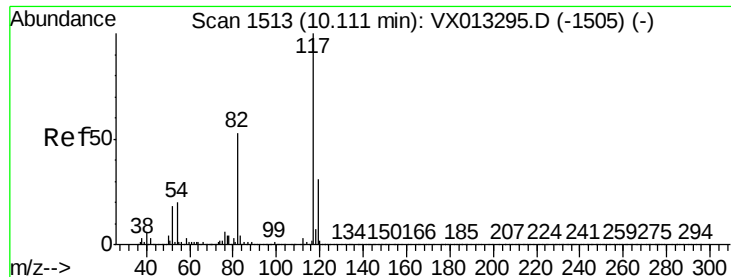
MMDadoda
 11/8/2019 9:33:13 AM



#62
 4-Bromofluorobenzene
 Concen: 46.588 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	435547		
174	89.3	0.0	179.8	
176	85.6	0.0	173.0	





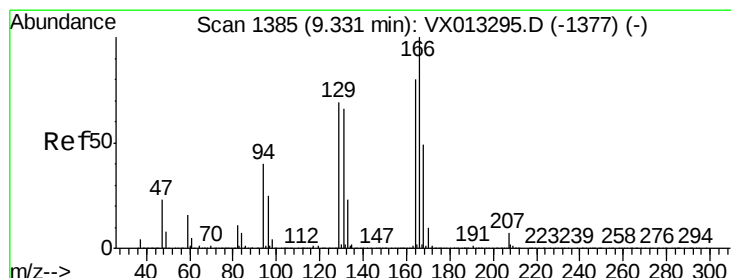
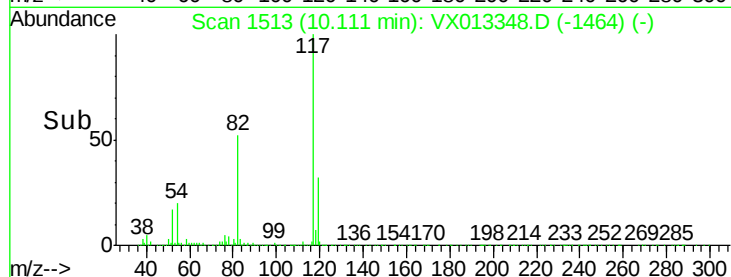
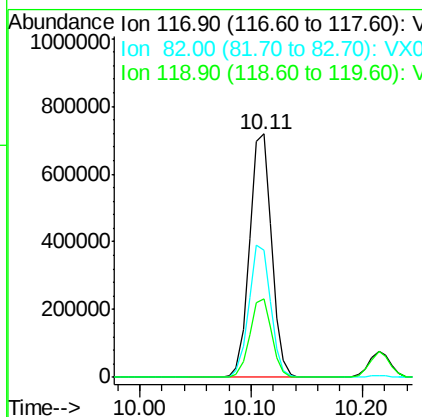
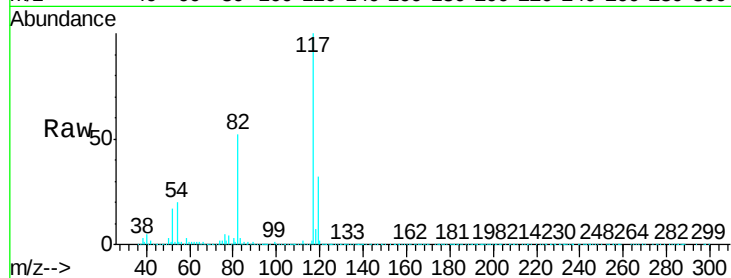
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	52.4	42.6	64.0
119	32.5	24.8	37.2

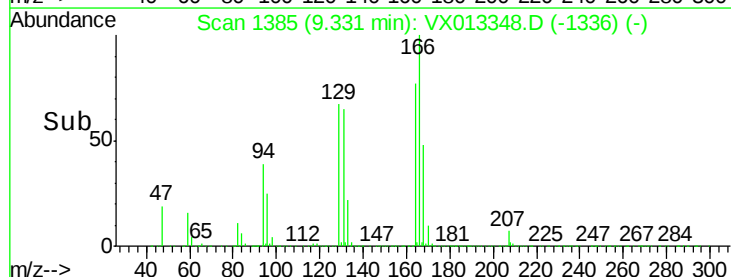
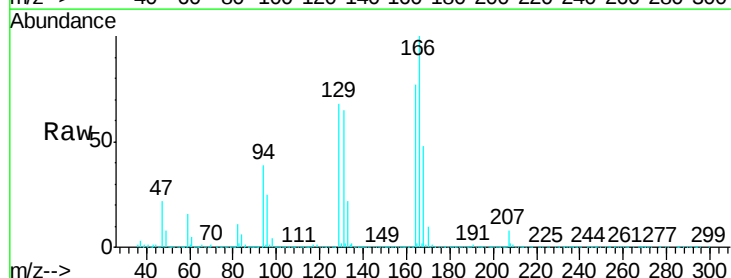
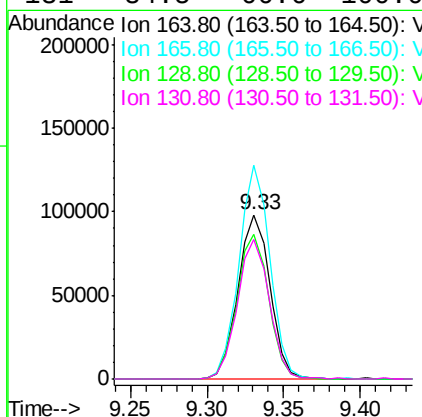
Manual Integrations
APPROVED

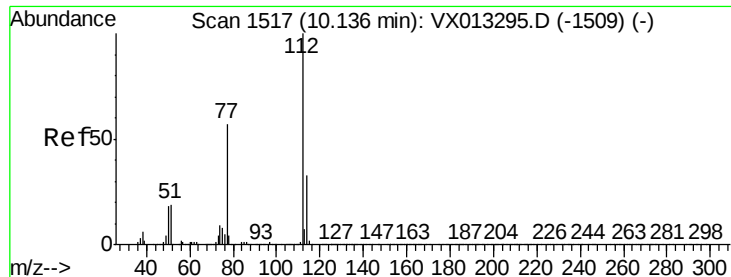
MMDadoda
11/8/2019 9:33:13 AM



#64
Tetrachloroethene
Concen: 20.181 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	129.8	100.4	150.6
129	87.8	69.4	104.2
131	84.5	66.6	100.0





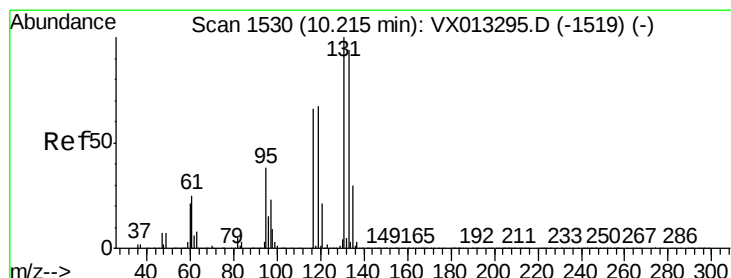
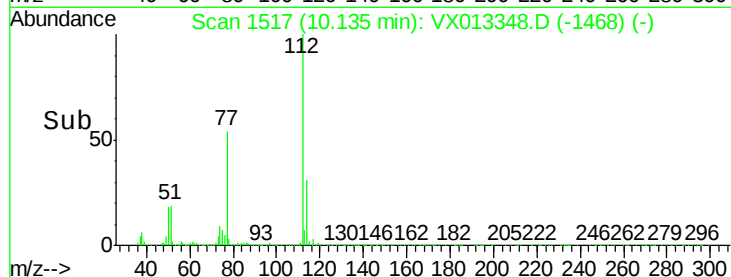
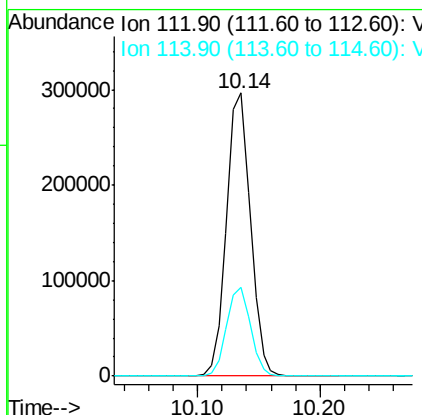
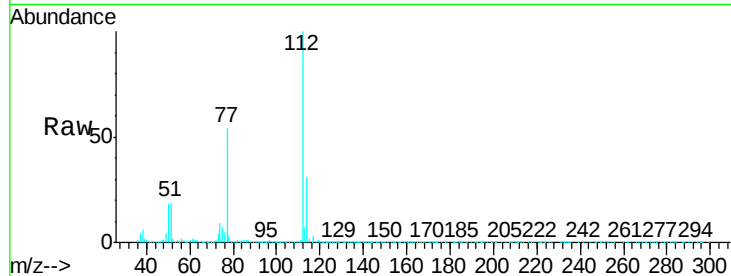
#65
Chlorobenzene
Concen: 20.128 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	401961		
114	31.3	26.4	39.6	

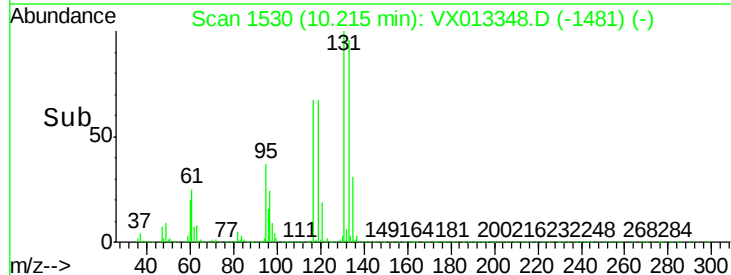
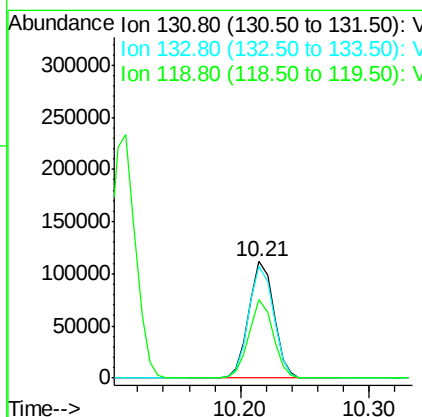
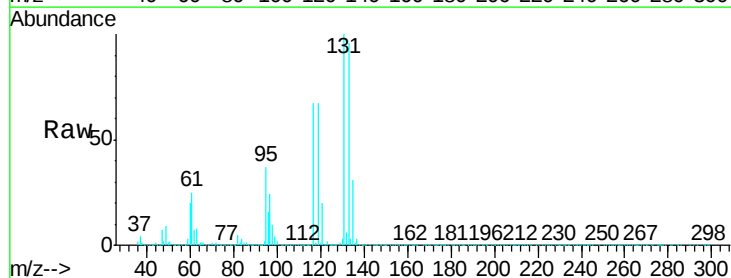
Manual Integrations
APPROVED

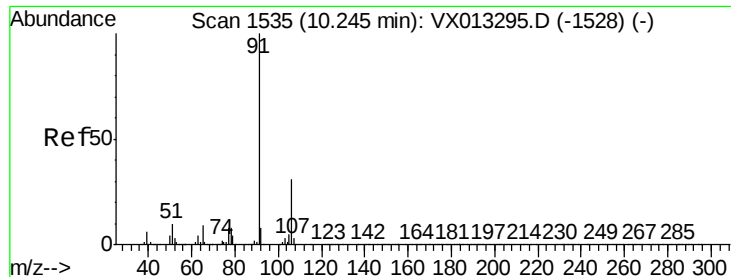
MMDadoda
11/8/2019 9:33:13 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.616 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	151163		
133	94.7	48.0	144.0	
119	63.9	33.0	99.0	





#67

Ethyl Benzene

Concen: 20.205 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

Tgt Ion: 91 Resp: 696386

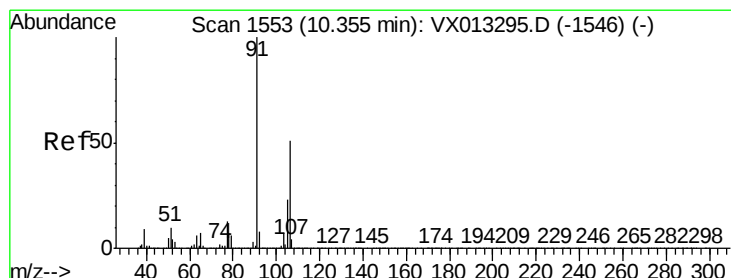
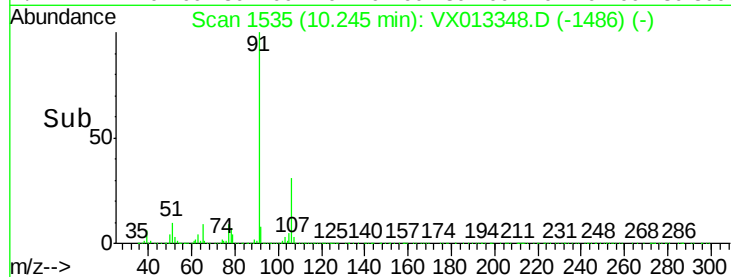
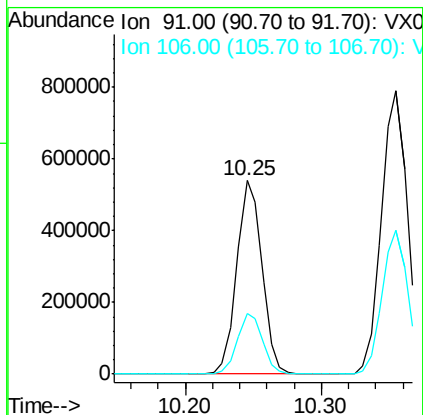
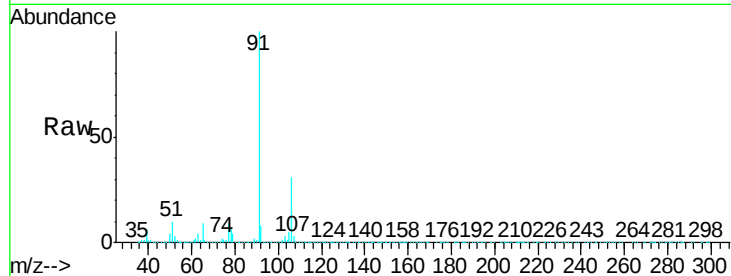
Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8

Manual Integrations
APPROVED

MMDadoda
11/8/2019 9:33:13 AM



#68

m/p-Xylenes

Concen: 40.994 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013348.D

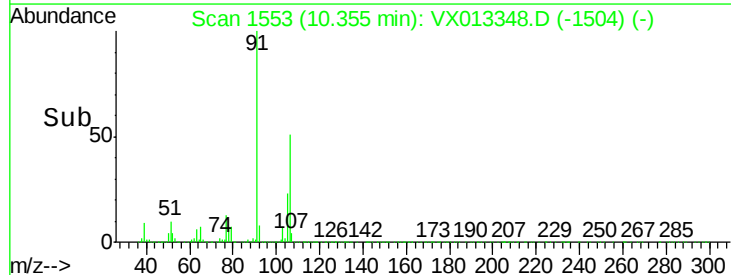
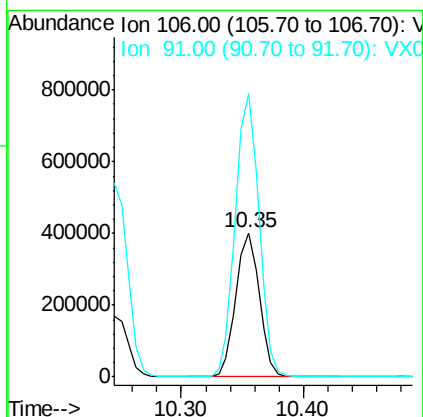
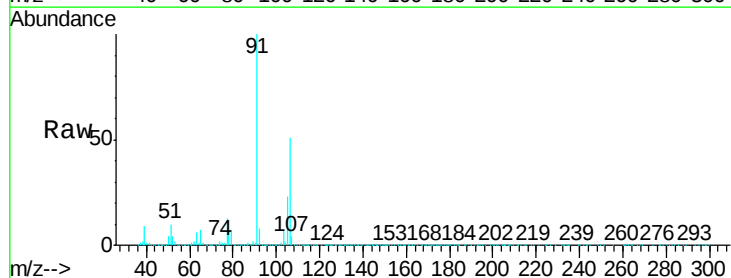
Acq: 07 Nov 2019 13:14

Tgt Ion: 106 Resp: 534343

Ion Ratio Lower Upper

106 100

91 198.1 159.3 238.9





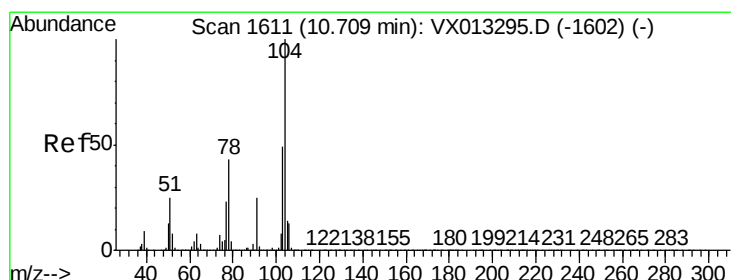
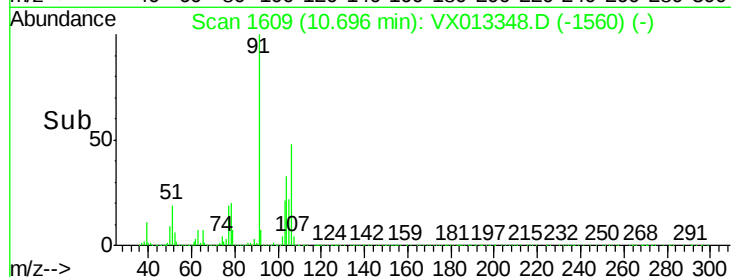
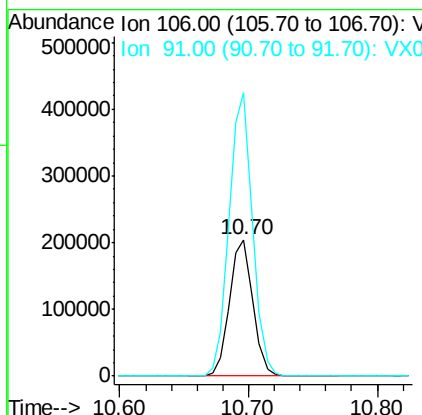
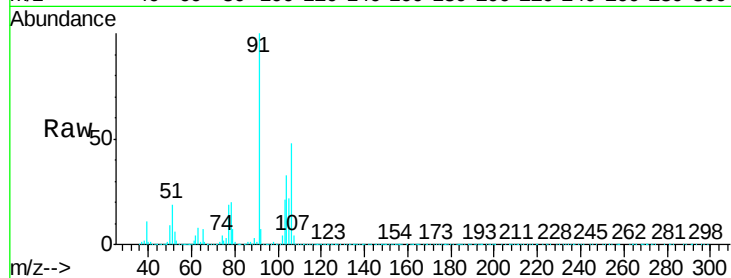
#69
o-Xylene
Concen: 20.381 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion:106 Resp: 260092
Ion Ratio Lower Upper
106 100
91 208.7 105.7 317.0

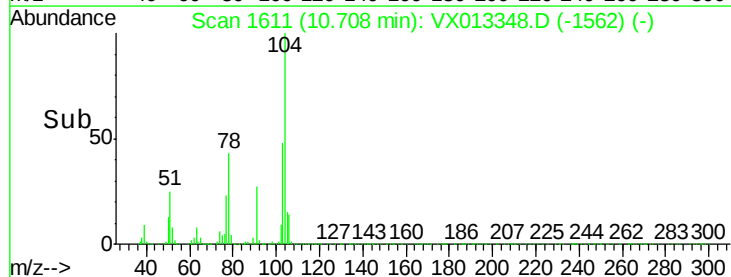
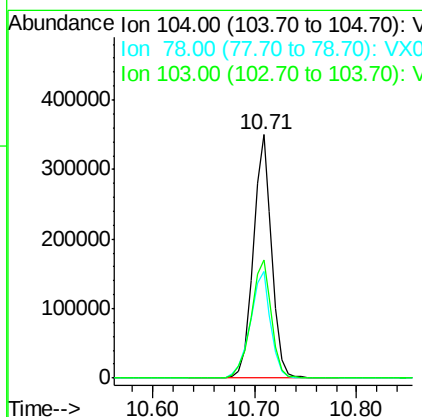
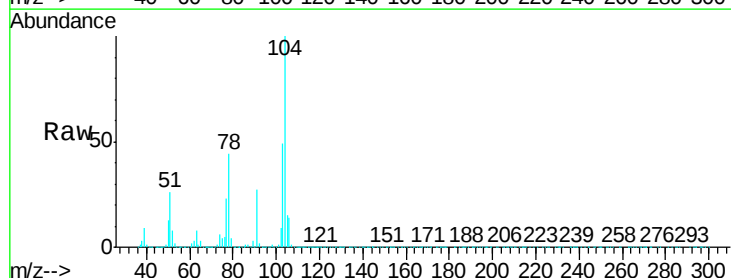
Manual Integrations
APPROVED

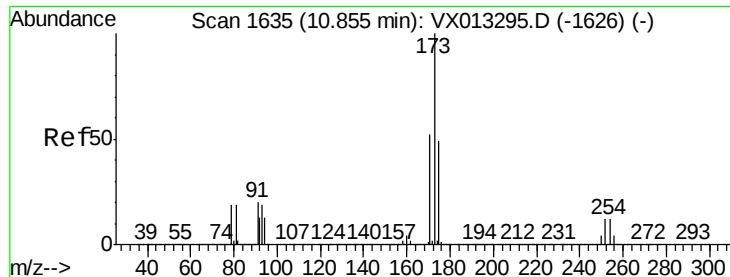
MMDadoda
11/8/2019 9:33:13 AM



#70
Styrene
Concen: 20.584 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion:104 Resp: 439096
Ion Ratio Lower Upper
104 100
78 48.8 40.0 60.0
103 54.1 44.1 66.1





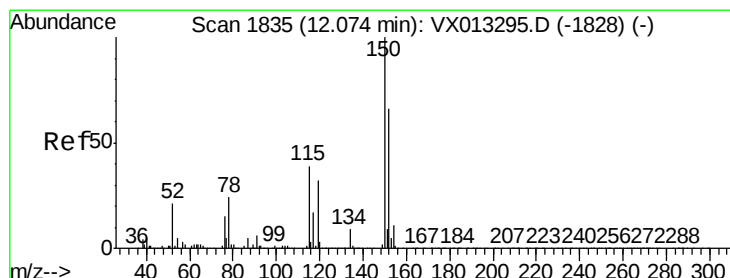
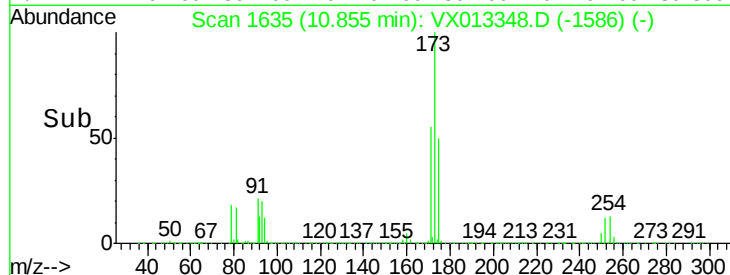
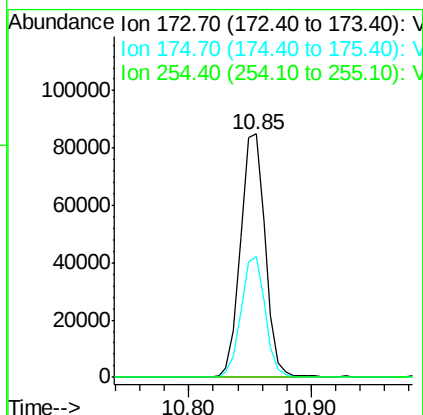
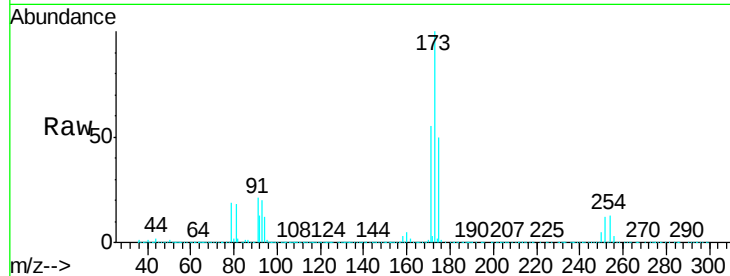
#71
Bromoform
Concen: 19.464 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion	Ratio	Resp Lower	Resp Upper
173	100		
175	48.3	24.8	74.4
254	0.4	0.2	0.2

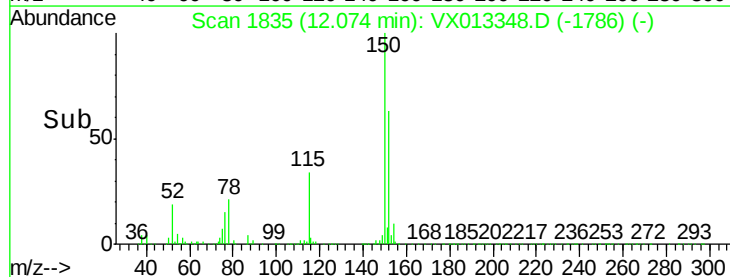
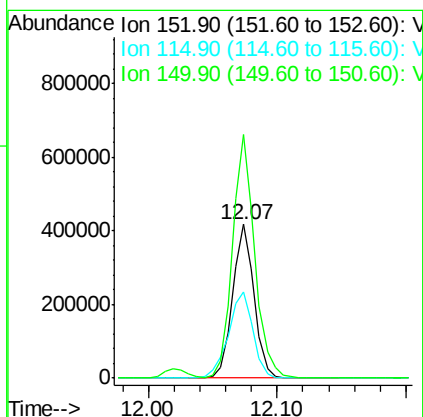
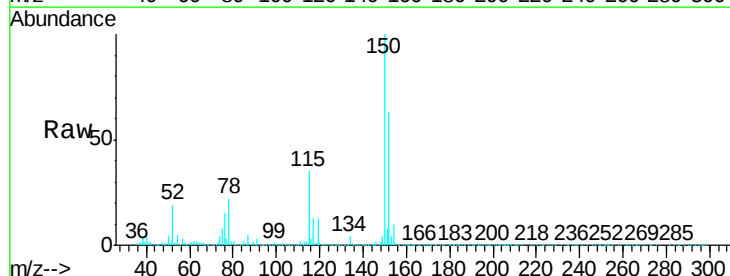
Manual Integrations
APPROVED

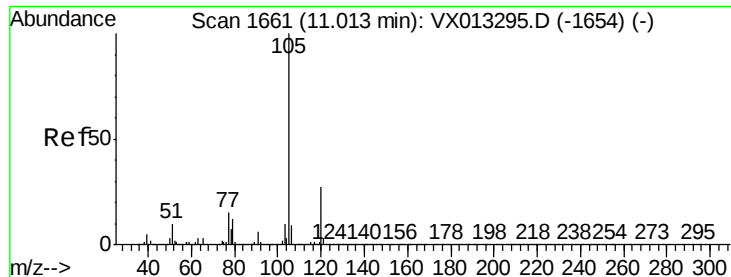
MMDadoda
11/8/2019 9:33:13 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
115	64.4	39.5	118.3
150	163.8	0.0	344.4





#73

Isopropylbenzene

Concen: 21.364 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBSD01

Tgt Ion: 105 Resp: 684804

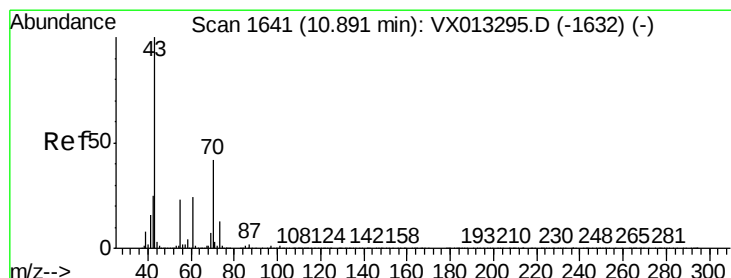
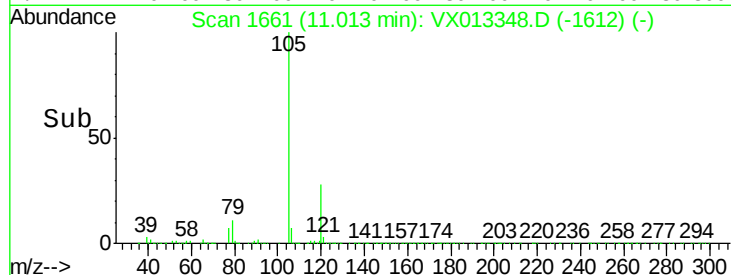
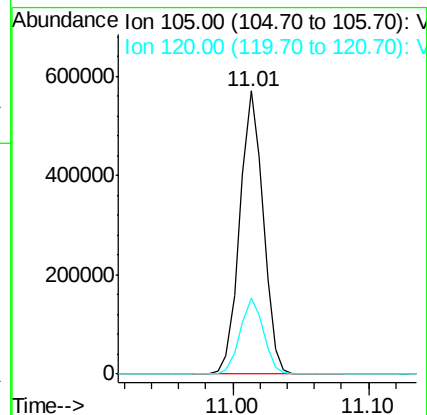
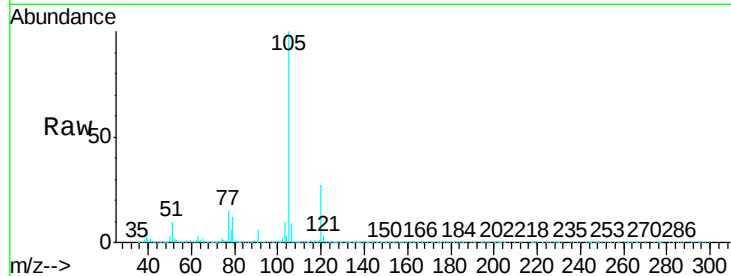
Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5

Manual Integrations
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11/8/2019 9:33:13 AM



#74

N-ethyl acetate

Concen: 21.296 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Tgt Ion: 43 Resp: 316559

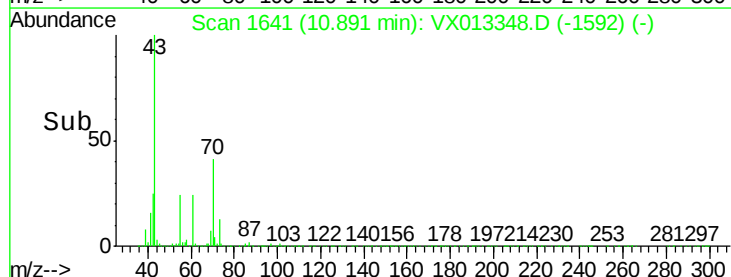
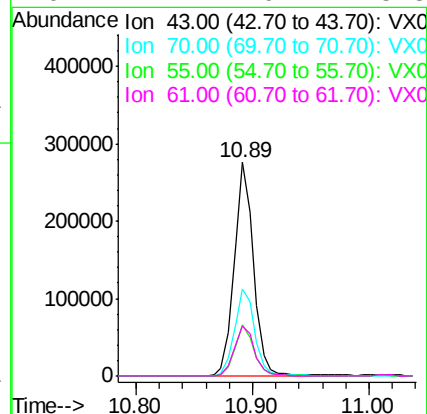
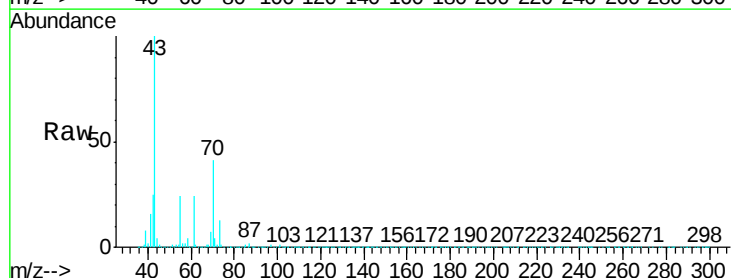
Ion Ratio Lower Upper

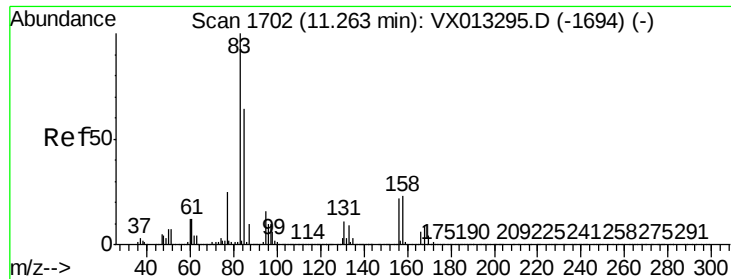
43 100

70 43.2 34.1 51.1

55 23.9 18.9 28.3

61 24.7 19.2 28.8





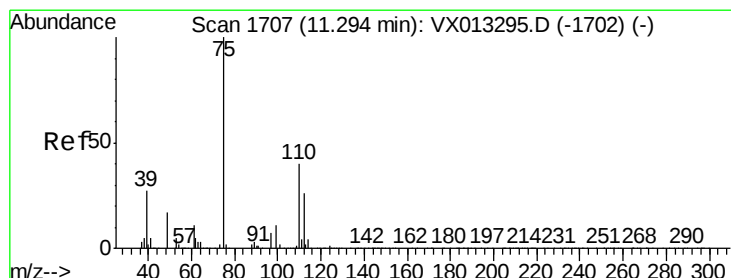
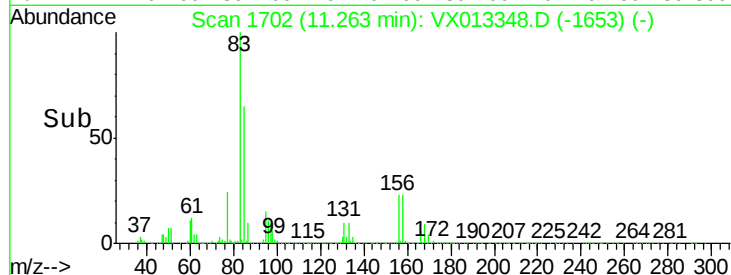
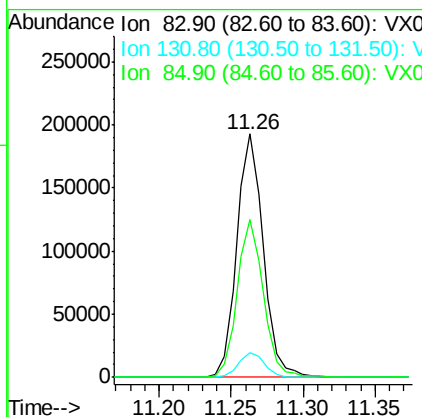
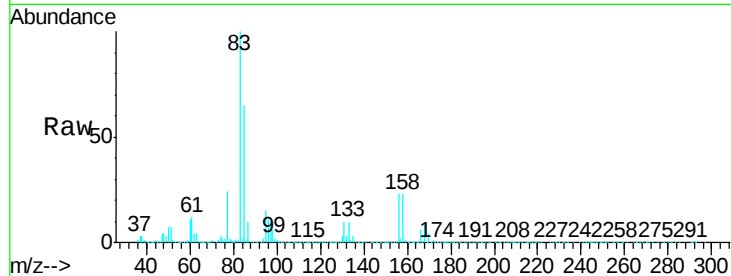
#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.158 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	247421		
131	9.8	5.1	15.3	
85	63.9	32.3	96.8	

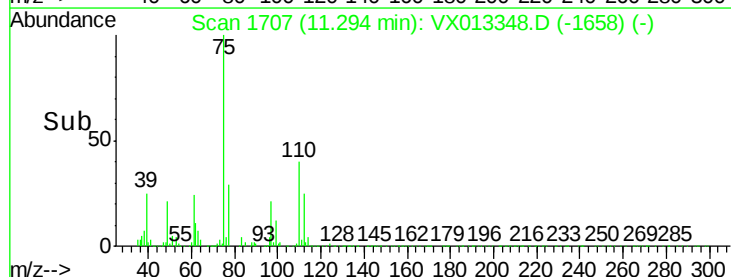
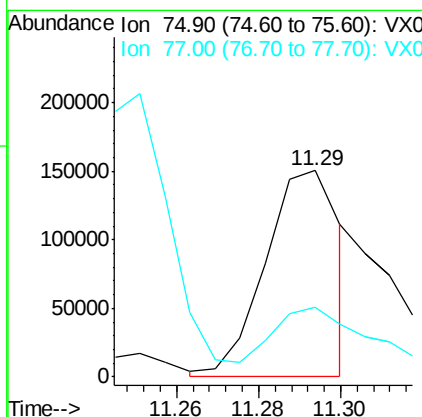
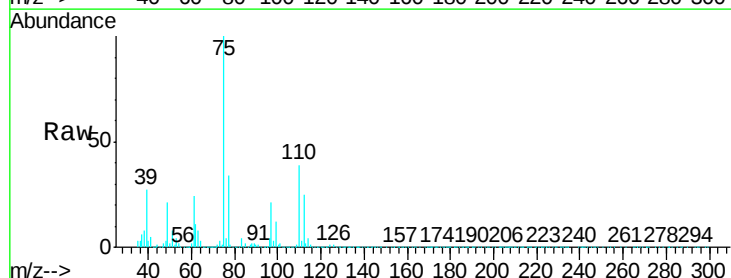
Manual Integrations
 APPROVED

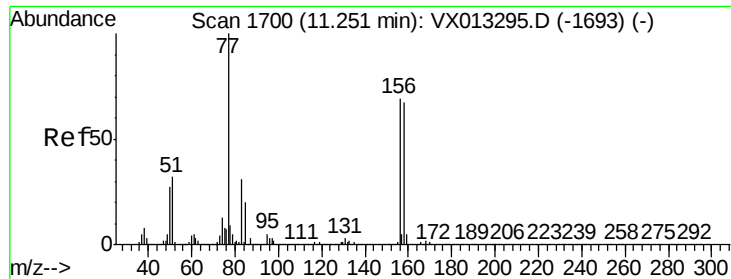
MMDadoda
 11/8/2019 9:33:13 AM



#76
 1,2,3-Trichloropropane
 Concen: 19.480 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	191293		
77	44.9	22.3	66.8	





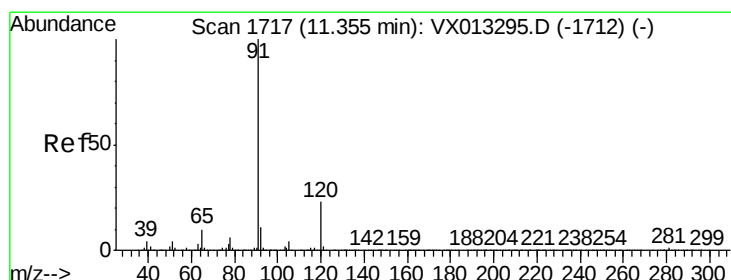
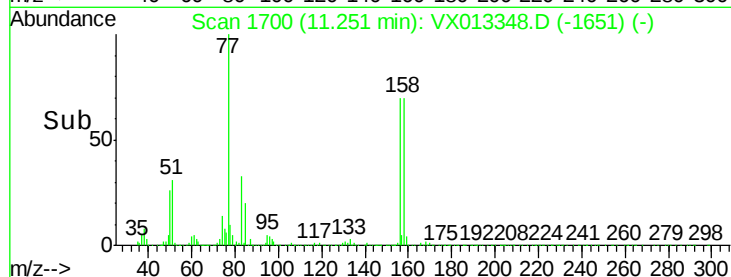
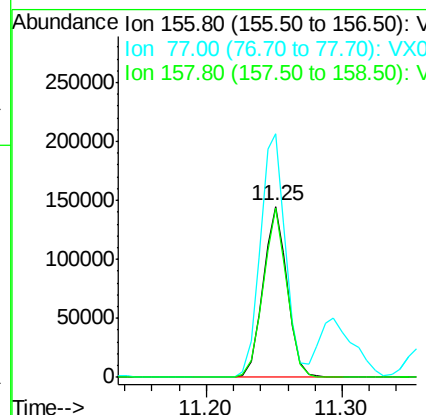
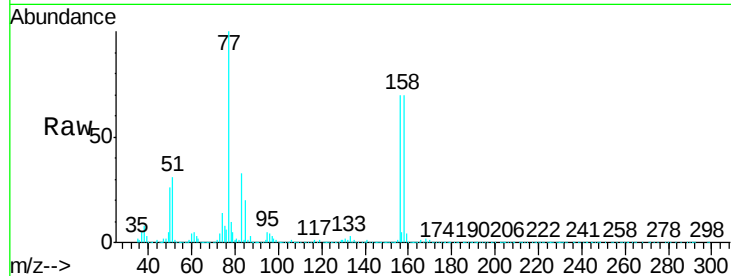
#77
Bromobenzene
Concen: 21.005 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	150.3	75.8	227.4
158	97.5	47.6	142.8

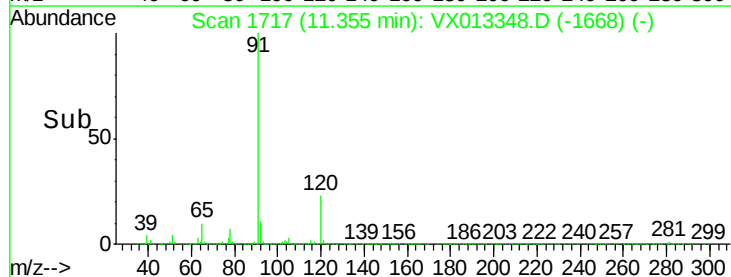
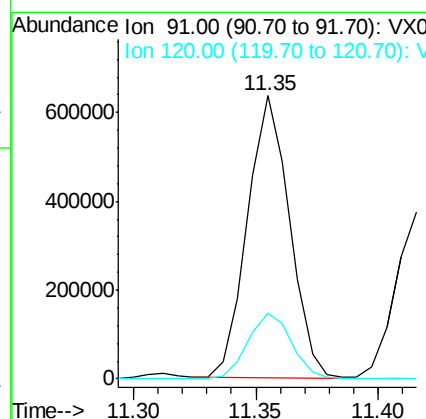
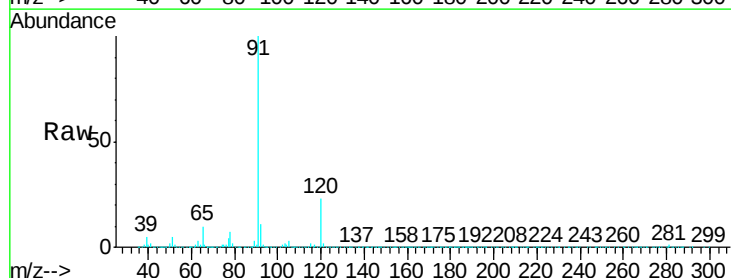
Manual Integrations
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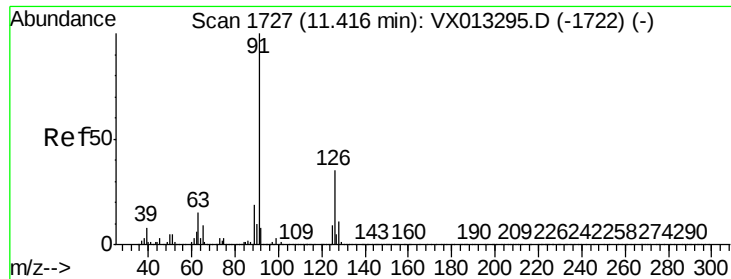
MMDadoda
11/8/2019 9:33:13 AM



#78
n-propylbenzene
Concen: 21.283 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.6	34.8





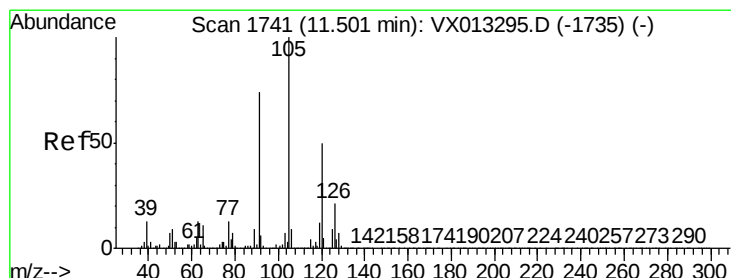
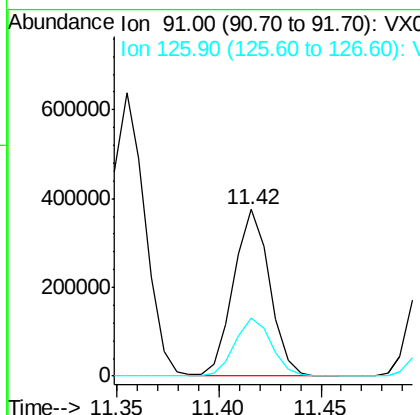
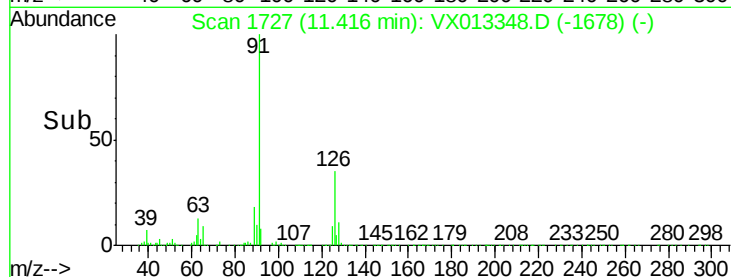
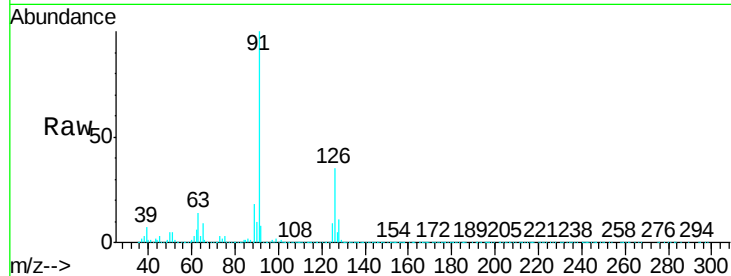
#79
 2-Chlorotoluene
 Concen: 21.258 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Instrument :
 MSVOA_X
 ClientSampled :
 VX1107WBSD01

Tgt Ion: 91 Resp: 457329
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.3 52.0

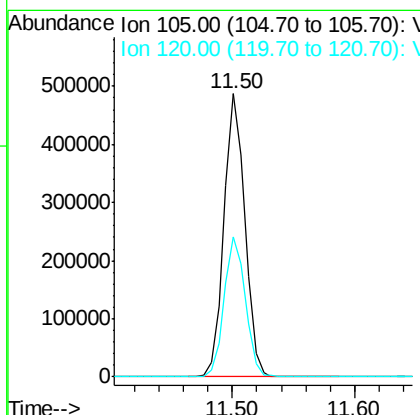
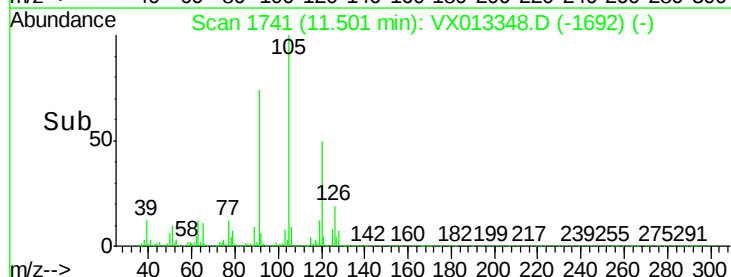
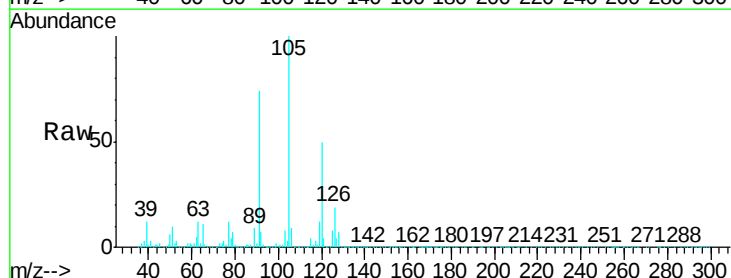
Manual Integrations
 APPROVED

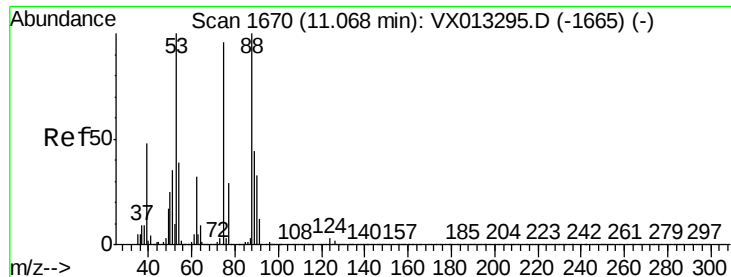
MMDadoda
 11/8/2019 9:33:13 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.523 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Tgt Ion: 105 Resp: 574657
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.9 74.8





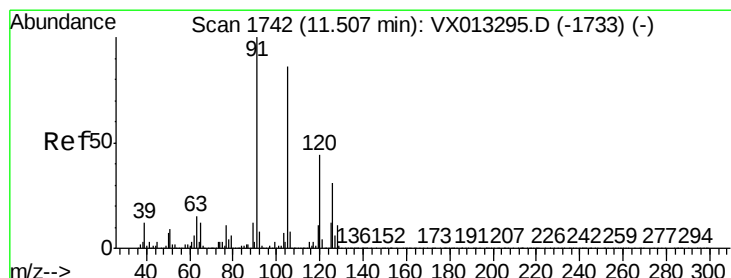
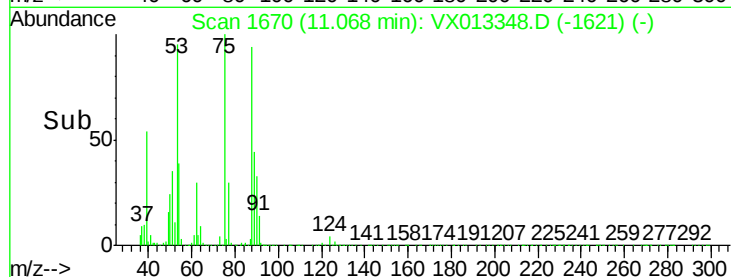
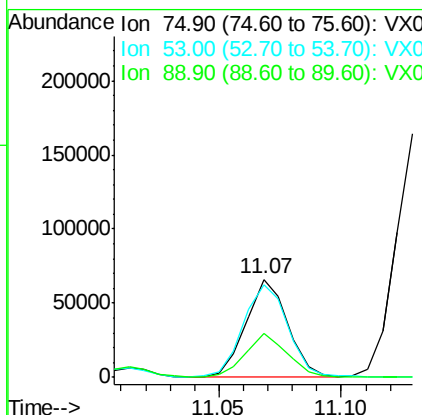
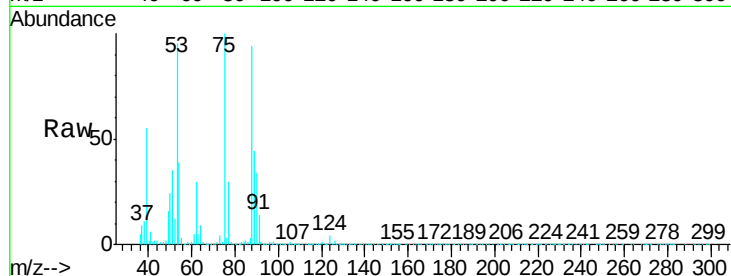
#81
trans-1,4-Dichloro-2-butene
Concen: 20.453 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	102.0	81.0	121.6
89	45.7	36.0	54.0

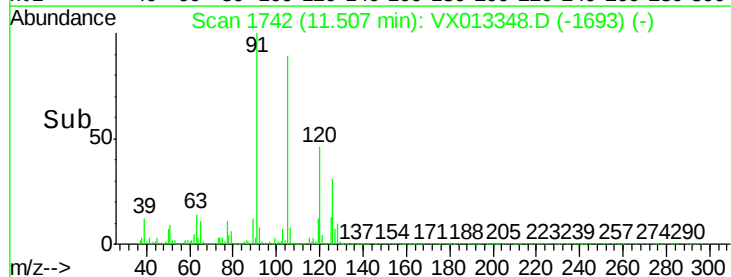
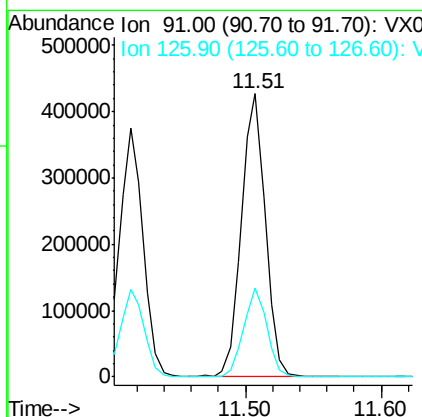
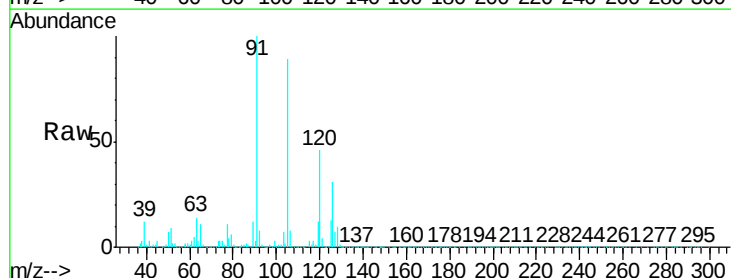
Manual Integrations
APPROVED

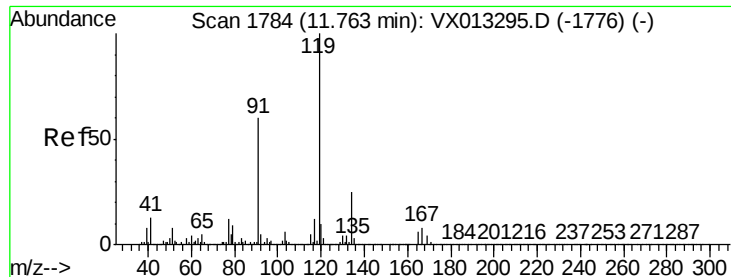
MMDadoda
11/8/2019 9:33:13 AM



#82
4-Chlorotoluene
Concen: 20.728 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.3	45.8





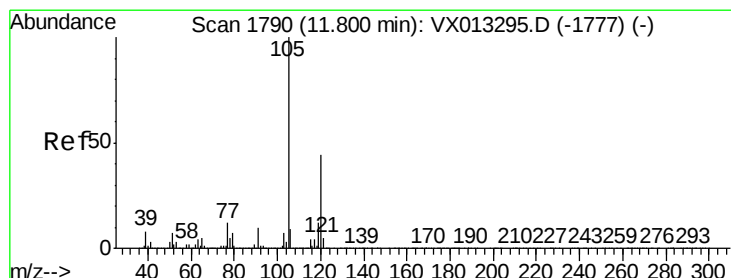
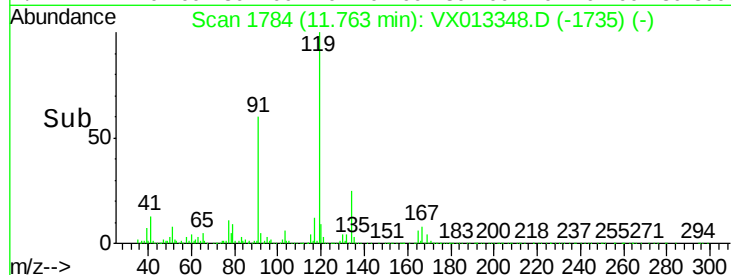
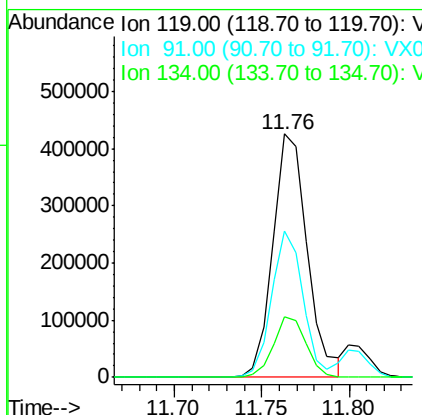
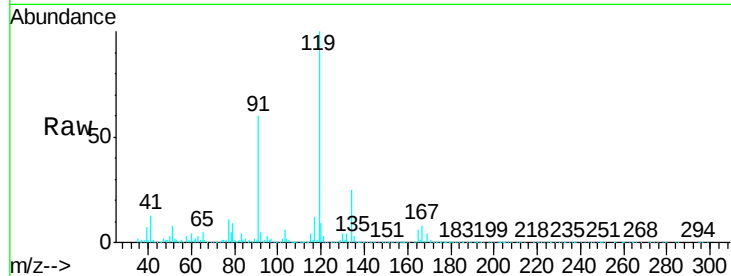
#83
tert-Butylbenzene
Concen: 21.715 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	583642		
91	54.6	26.9	80.7	
134	23.6	11.7	35.1	

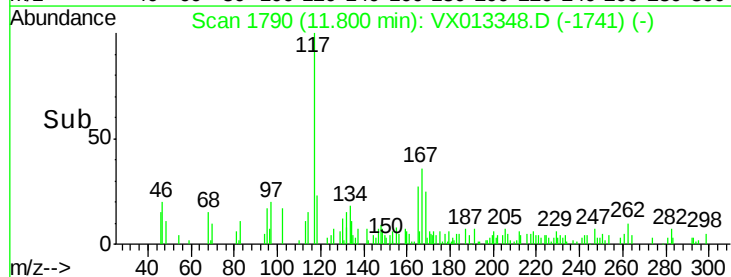
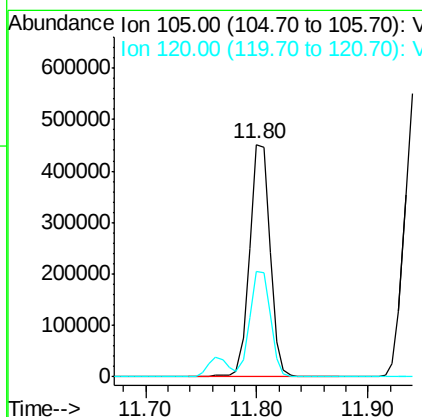
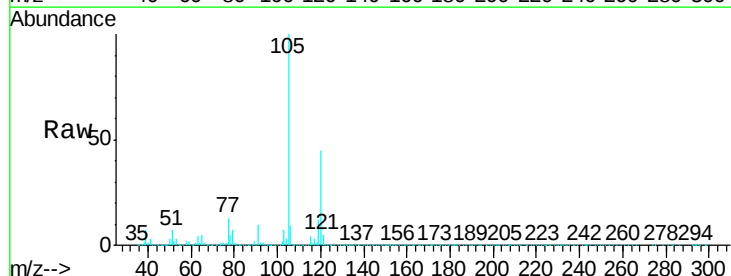
Manual Integrations
APPROVED

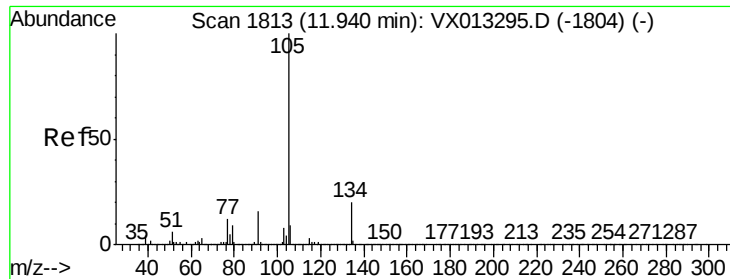
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#84
1,2,4-Trimethylbenzene
Concen: 21.495 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	575728		
120	45.7	22.7	68.1	





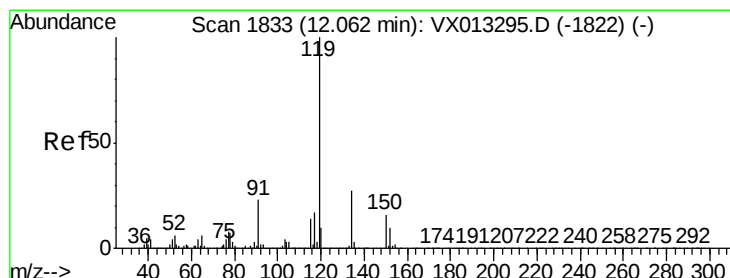
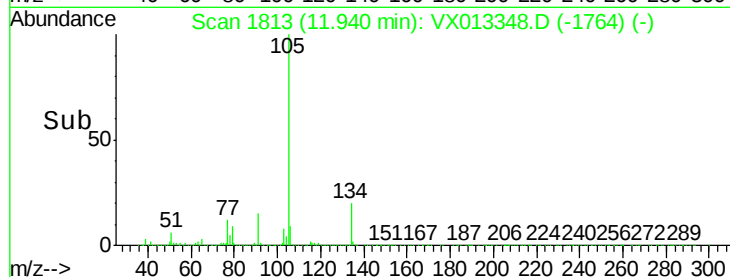
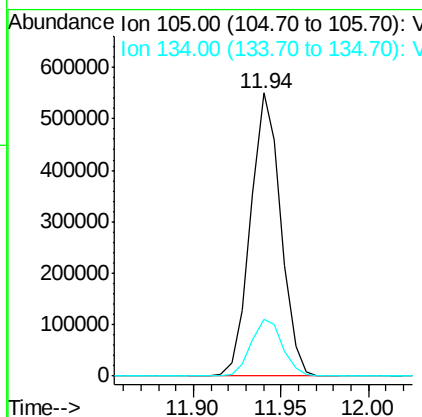
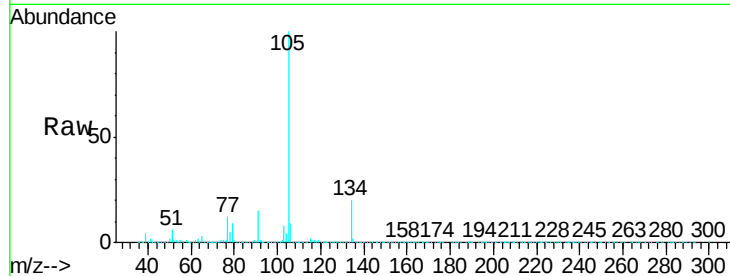
#85
 sec-Butylbenzene
 Concen: 21.324 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.3	30.9

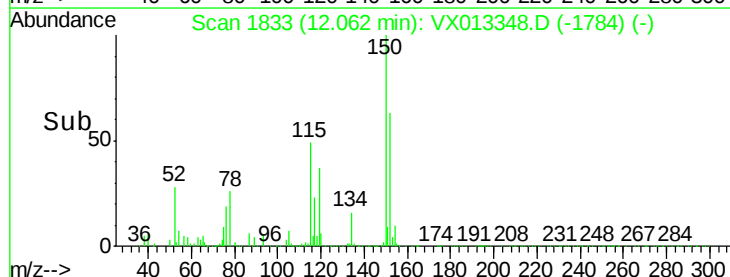
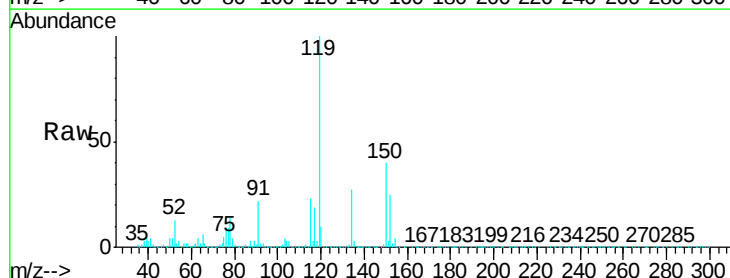
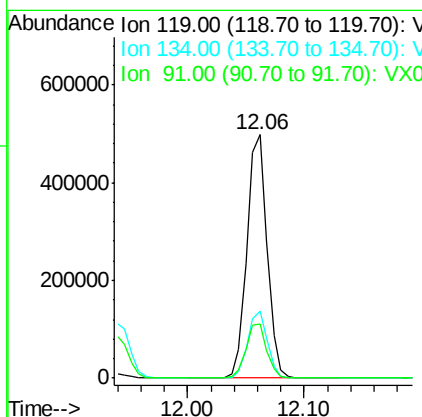
Manual Integrations
 APPROVED

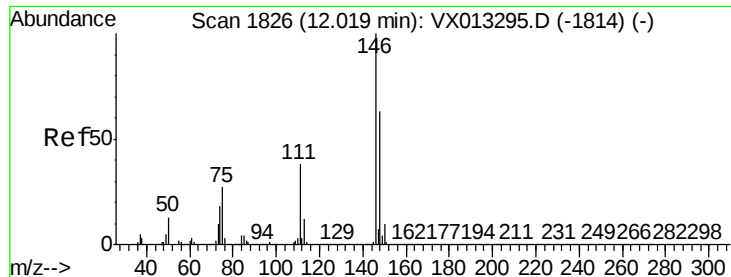
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#86
 p-Isopropyltoluene
 Concen: 21.195 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.3	39.8
91	22.7	11.5	34.4





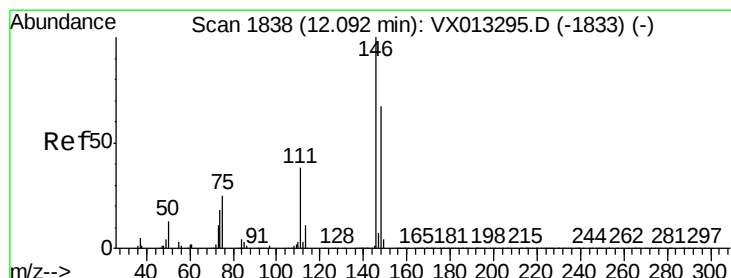
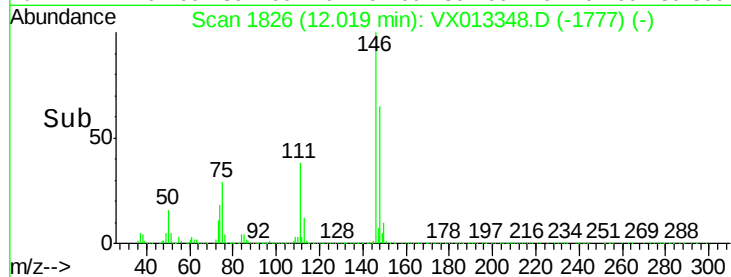
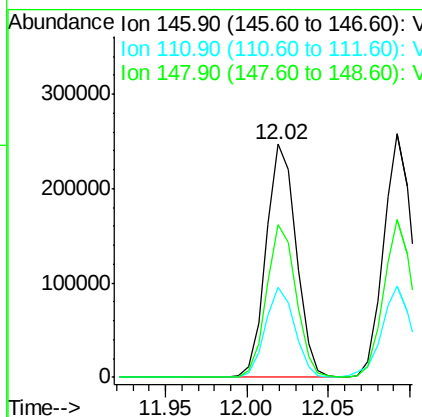
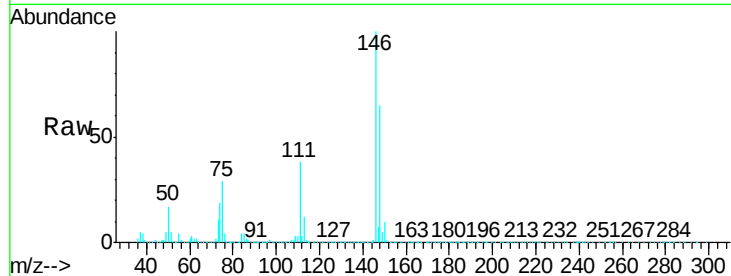
#87
 1,3-Dichlorobenzene
 Concen: 20.544 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Instrument :
 MSVOA_X
 ClientSampled :
 VX1107WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.5
148	64.1	31.9	95.7

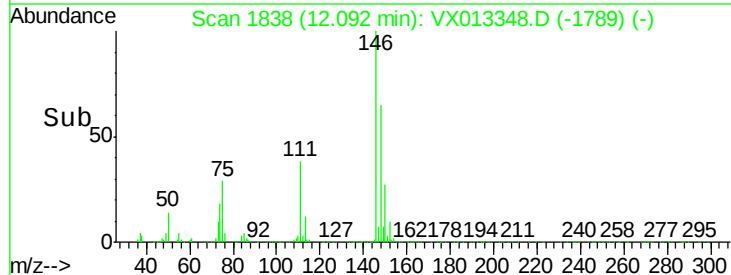
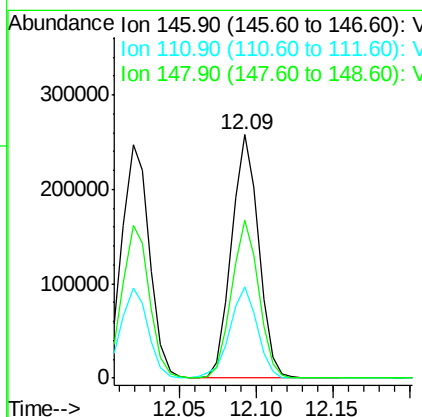
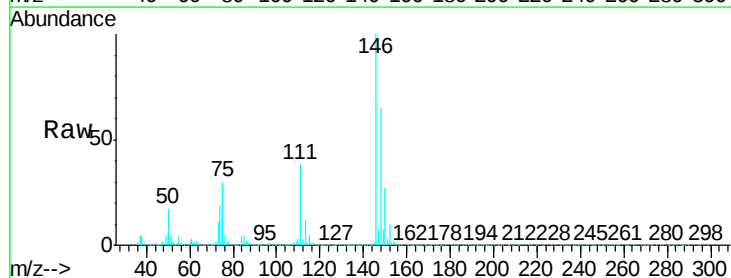
Manual Integrations
 APPROVED

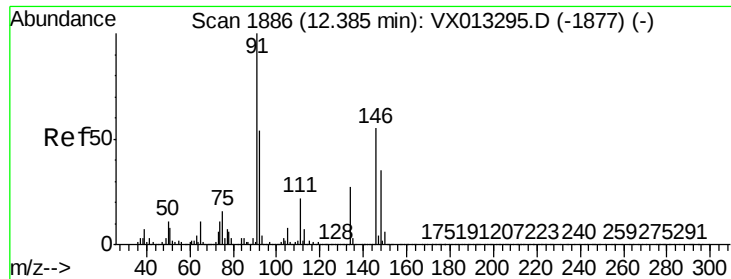
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#88
 1,4-Dichlorobenzene
 Concen: 20.293 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.8	56.4
148	65.1	32.4	97.0





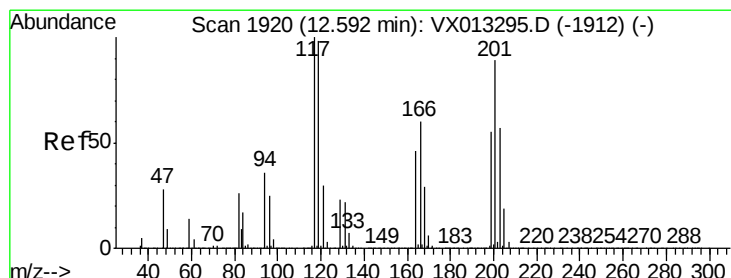
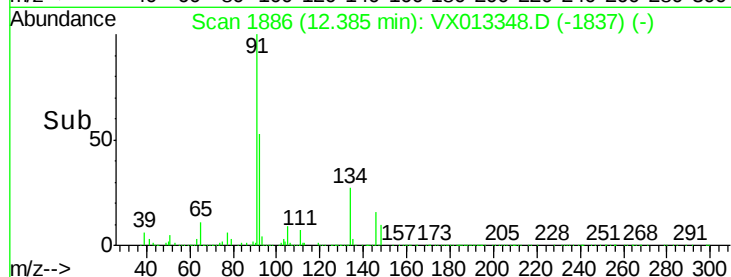
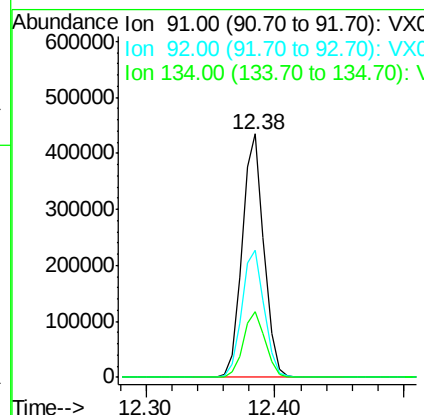
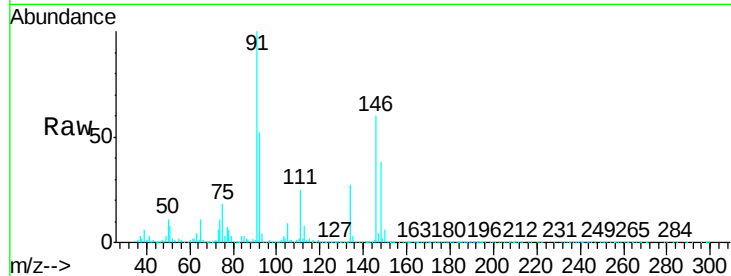
#89
n-Butylbenzene
Concen: 20.377 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion	Ratio	Resp Lower	Upper
91	100		
92	54.1	27.3	81.8
134	27.1	13.5	40.5

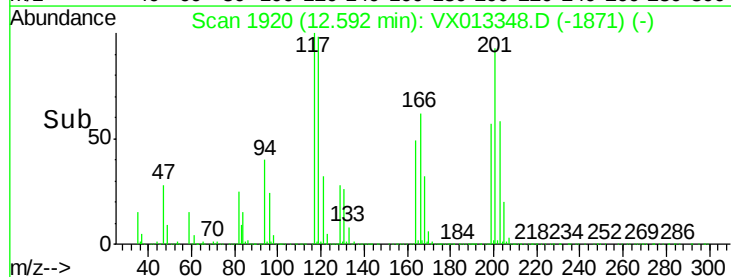
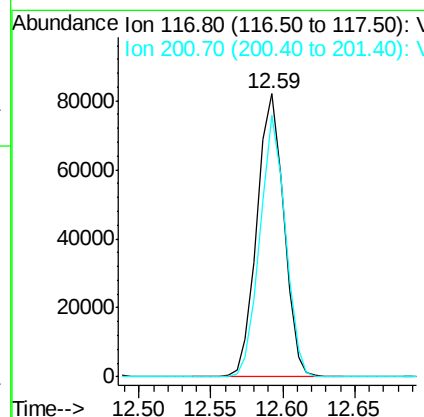
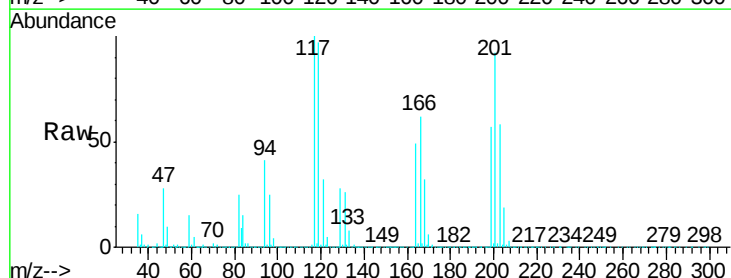
Manual Integrations
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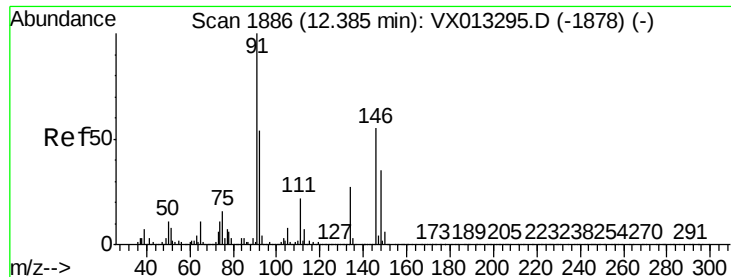
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#90
Hexachloroethane
Concen: 20.921 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
201	86.2	43.9	131.7





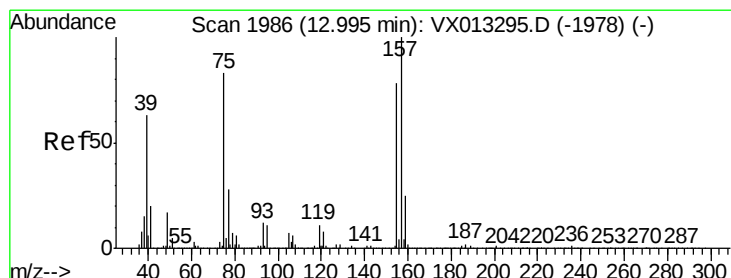
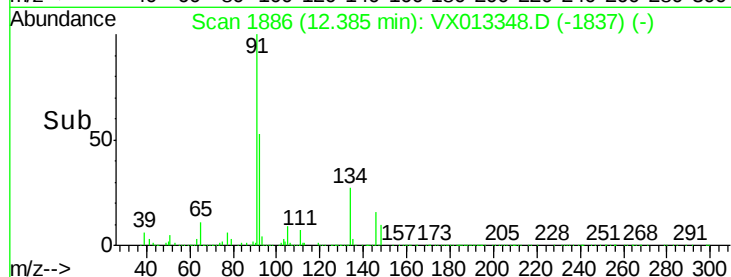
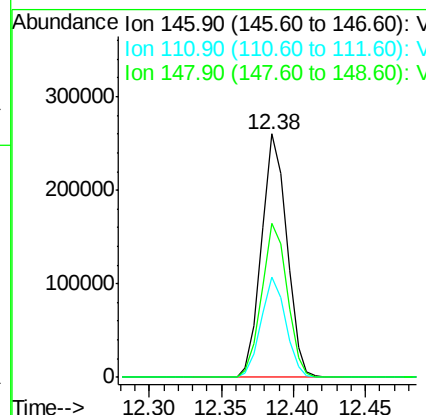
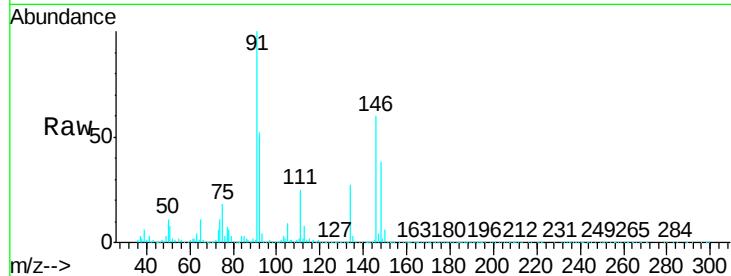
#91
 1,2-Dichlorobenzene
 Concen: 20.608 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	313780		
111	40.1	20.1	60.2	
148	64.1	32.0	96.0	

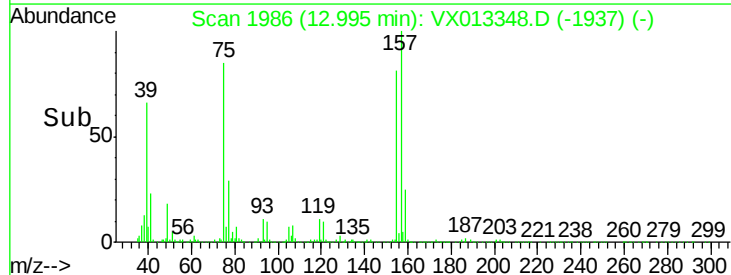
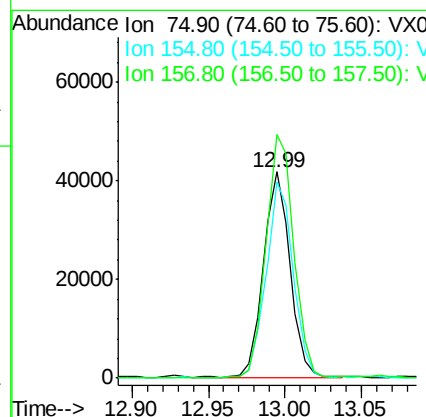
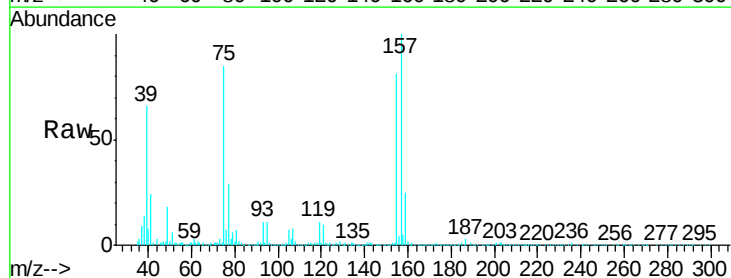
Manual Integrations
 APPROVED

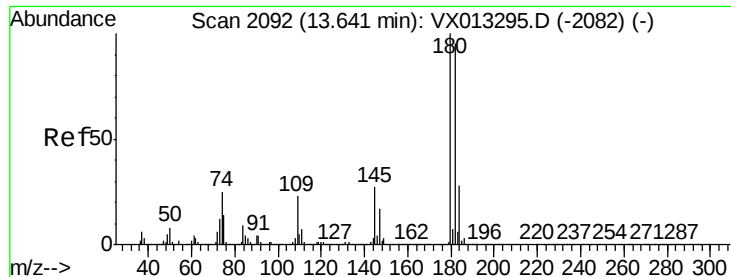
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.986 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013348.D
 Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	51242		
155	96.7	47.1	141.4	
157	124.0	61.3	183.8	





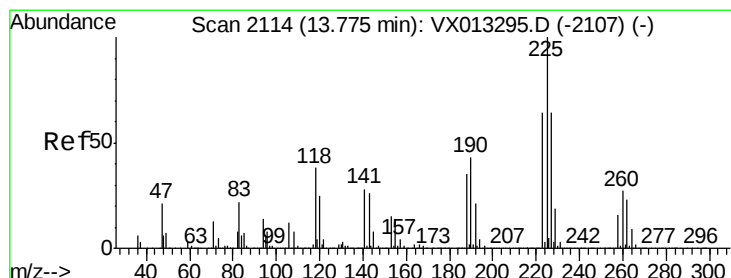
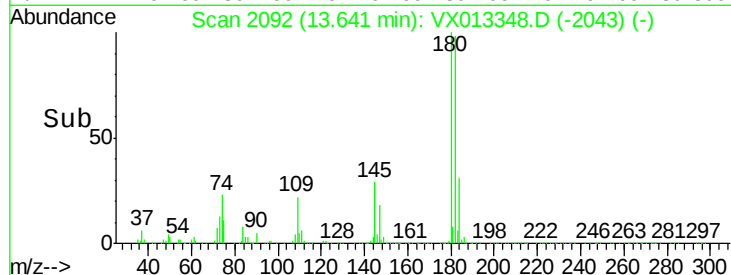
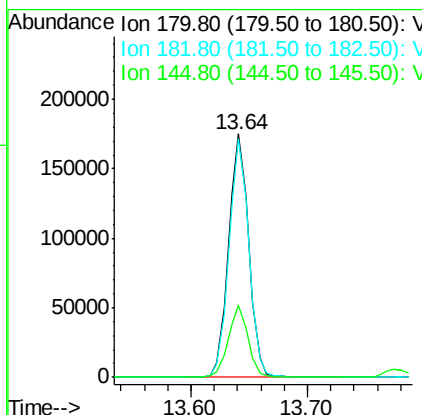
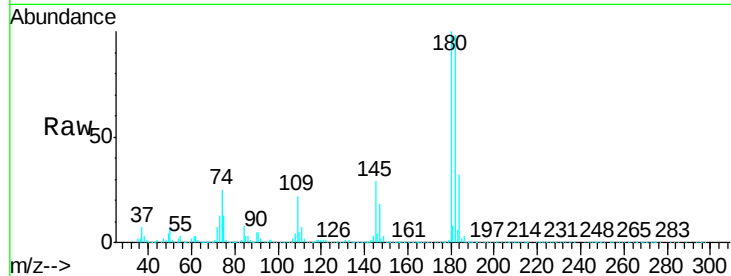
#93
1,2,4-Trichlorobenzene
Concen: 19.741 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	209666		
182	96.2	48.4	145.0	
145	28.5	14.1	42.4	

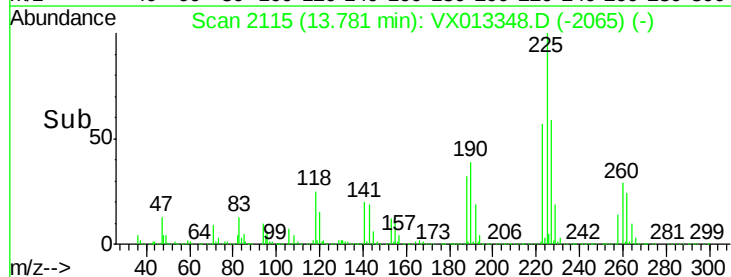
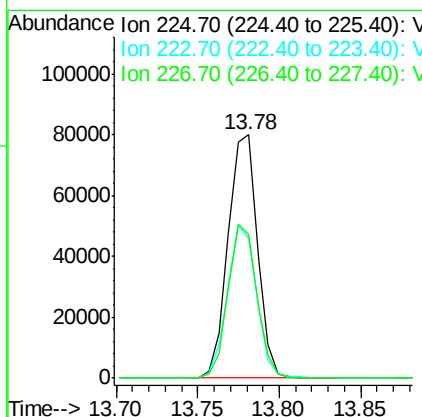
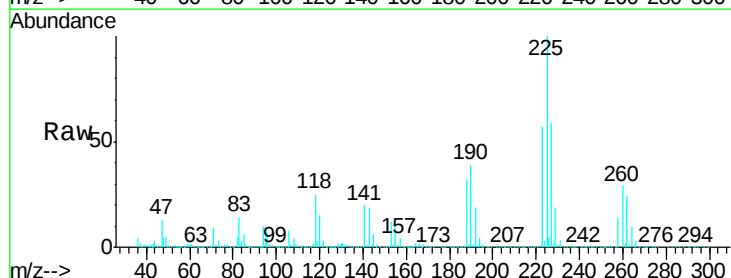
Manual Integrations
APPROVED

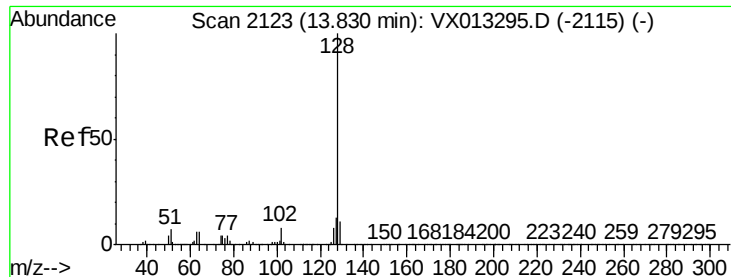
MMDadoda
11/8/2019 9:33:13 AM



#94
Hexachlorobutadiene
Concen: 19.320 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX013348.D
Acq: 07 Nov 2019 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	100388		
223	61.8	31.9	95.7	
227	62.2	31.9	95.9	





#95

Naphthalene

Concen: 20.018 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_X

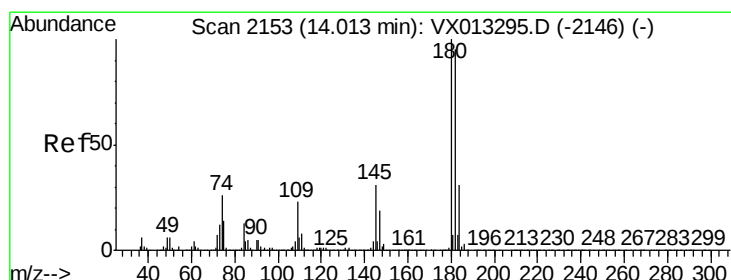
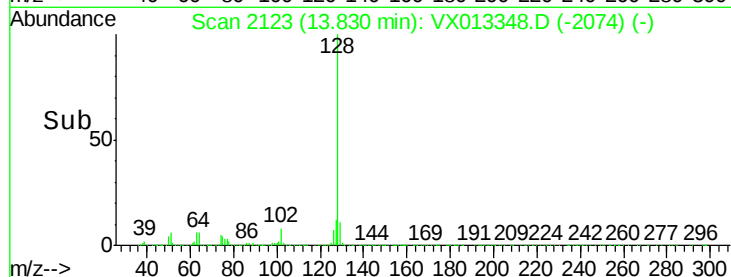
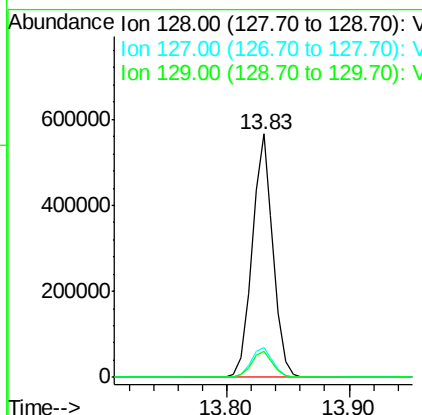
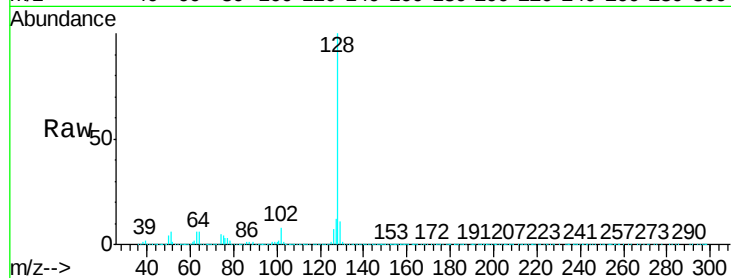
ClientSampleId :

VX1107WBSD01

Tgt Ion:	128	Resp:	667041
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.2
129	10.8	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
11/8/2019 9:33:13 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.091 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013348.D

Acq: 07 Nov 2019 13:14

Tgt Ion:	180	Resp:	213993
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.0	144.2
145	29.9	15.4	46.4

