

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX110719\
 Data File : VX013345.D
 Acq On : 07 Nov 2019 11:44
 Operator : JC/SP
 Sample : VX1107WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 9:33:08 AM

Quant Time: Nov 07 16:29:30 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	824346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1216778	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1091627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	549865	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	494350	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
35) Dibromofluoromethane	5.48	113	406403	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
50) Toluene-d8	8.71	98	1558129	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	
62) 4-Bromofluorobenzene	11.13	95	550056	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	191492	20.161	ug/l	99
3) Chloromethane	1.31	50	206447	20.043	ug/l	99
4) Vinyl Chloride	1.40	62	235090	20.048	ug/l	100
5) Bromomethane	1.62	94	142578	17.448	ug/l	96
6) Chloroethane	1.71	64	131037	18.805	ug/l	97
7) Trichlorofluoromethane	1.92	101	265238	19.145	ug/l	99
8) Diethyl Ether	2.17	74	118832	19.397	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	163956	21.233	ug/l	98
10) Methyl Iodide	2.50	142	173224	18.120	ug/l	98
11) Tert butyl alcohol	3.02	59	213853	83.080	ug/l	98
12) 1,1-Dichloroethene	2.36	96	159392	21.079	ug/l	100
13) Acrolein	2.28	56	104951	75.230	ug/l	96
14) Allyl chloride	2.72	41	283346	20.623	ug/l	97
15) Acrylonitrile	3.12	53	473134	98.401	ug/l	99
16) Acetone	2.42	43	468180	96.112	ug/l	99
17) Carbon Disulfide	2.56	76	407014	20.110	ug/l	98
18) Methyl Acetate	2.76	43	265555	19.746	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	534145	21.179	ug/l	100
20) Methylene Chloride	2.84	84	177951	19.772	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	165519	20.104	ug/l	97
22) Diisopropyl ether	3.84	45	571922	21.562	ug/l	95
23) Vinyl Acetate	3.80	43	2336155	102.927	ug/l	99
24) 1,1-Dichloroethane	3.68	63	306606	20.663	ug/l	100
25) 2-Butanone	4.65	43	691838	96.813	ug/l	99
26) 2,2-Dichloropropane	4.57	77	250224	21.198	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	191715	20.787	ug/l	99
28) Bromochloromethane	5.00	49	88678	21.048	ug/l	99
29) Tetrahydrofuran	5.11	42	425205	96.556	ug/l	99
30) Chloroform	5.19	83	302737	20.662	ug/l	99
31) Cyclohexane	5.56	56	273683	20.498	ug/l	91
32) 1,1,1-Trichloroethane	5.48	97	254860	20.212	ug/l	99
36) 1,1-Dichloropropene	5.79	75	227135	21.759	ug/l	98
37) Ethyl Acetate	4.81	43	260410	20.189	ug/l	100
38) Carbon Tetrachloride	5.76	117	220428	21.595	ug/l	93

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 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	285251	21.931	ug/l	98
40) Benzene	6.13	78	694286	21.352	ug/l	99
41) Methacrylonitrile	5.02	41	140668	19.457	ug/l	97
42) 1,2-Dichloroethane	6.18	62	250529	21.361	ug/l	99
43) Isopropyl Acetate	6.43	43	419491	20.886	ug/l	99
44) Trichloroethene	7.20	130	184359	20.598	ug/l	96
45) 1,2-Dichloropropane	7.50	63	179742	21.695	ug/l	99
46) Dibromomethane	7.65	93	116837	20.655	ug/l	99
47) Bromodichloromethane	7.89	83	231842	21.735	ug/l	98
48) Methyl methacrylate	7.76	41	209916	20.937	ug/l	99
49) 1,4-Dioxane	7.73	88	87142	379.526	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1327514	100.740	ug/l	99
52) Toluene	8.78	92	438362	21.752	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	255389	21.895	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	287662	22.047	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	178290	21.344	ug/l	99
56) Ethyl methacrylate	9.17	69	281972	20.718	ug/l	98
57) 1,3-Dichloropropane	9.36	76	301849	21.287	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	602028	105.407	ug/l	99
59) 2-Hexanone	9.48	43	1046133	102.730	ug/l	100
60) Dibromochloromethane	9.57	129	186522	21.833	ug/l	99
61) 1,2-Dibromoethane	9.67	107	185863	20.954	ug/l	100
64) Tetrachloroethene	9.33	164	172354	22.055	ug/l	95
65) Chlorobenzene	10.13	112	467784	21.166	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	175293	21.602	ug/l	100
67) Ethyl Benzene	10.25	91	836063	21.919	ug/l	99
68) m/p-Xylenes	10.35	106	634972	44.018	ug/l	99
69) o-Xylene	10.69	106	307137	21.747	ug/l	99
70) Styrene	10.71	104	526173	22.288	ug/l	99
71) Bromoform	10.85	173	140843	20.723	ug/l #	99
73) Isopropylbenzene	11.01	105	833418	22.860	ug/l	100
74) N-amyl acetate	10.89	43	374371	22.144	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	282469	21.238	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	228802m	20.486	ug/l	
77) Bromobenzene	11.25	156	212091	21.822	ug/l	98
78) n-propylbenzene	11.35	91	945258	23.276	ug/l	100
79) 2-Chlorotoluene	11.42	91	552931	22.598	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	704065	23.185	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	88934	20.496	ug/l	98
82) 4-Chlorotoluene	11.51	91	638004	22.275	ug/l	100
83) tert-Butylbenzene	11.76	119	704984	23.063	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	699433	22.961	ug/l	99
85) sec-Butylbenzene	11.94	105	814979	23.198	ug/l	100
86) p-Isopropyltoluene	12.06	119	750674	23.204	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	382169	22.060	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	385110	21.818	ug/l	99
89) n-Butylbenzene	12.38	91	642208	22.751	ug/l	99
90) Hexachloroethane	12.59	117	130418	22.627	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	385504	22.261	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	58522	18.061	ug/l	99

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

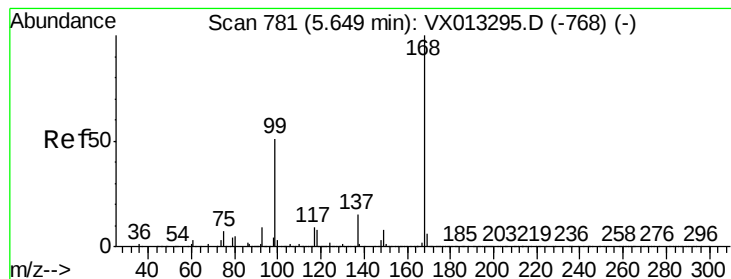
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	266157	22.034	ug/l	100
94) Hexachlorobutadiene	13.77	225	126002	21.321	ug/l	99
95) Naphthalene	13.83	128	815022	21.505	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	271254	22.391	ug/l	97

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



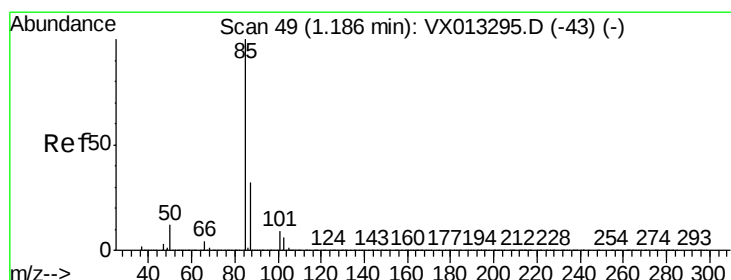
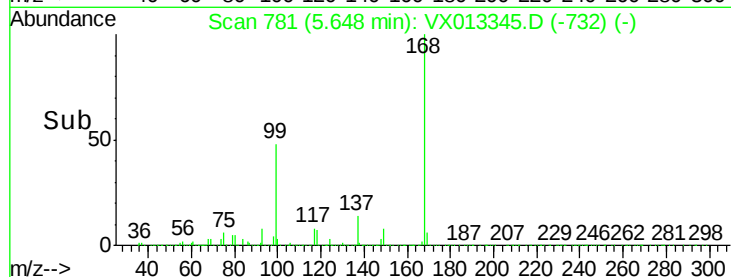
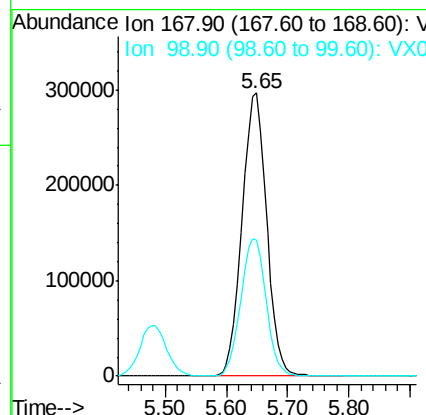
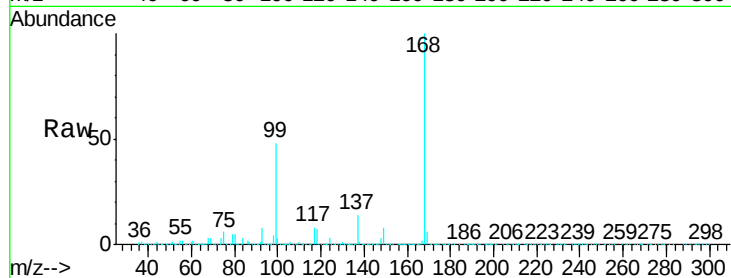
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	824346		
99	48.0	40.8	61.2	

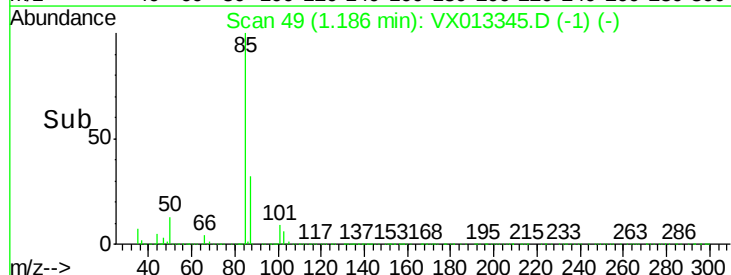
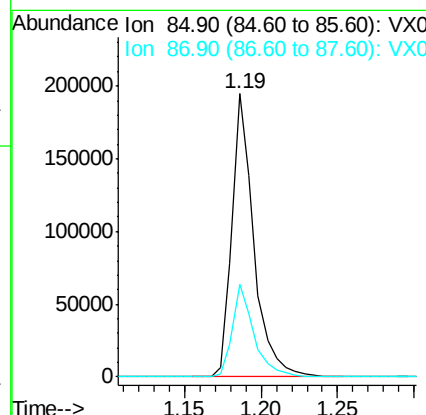
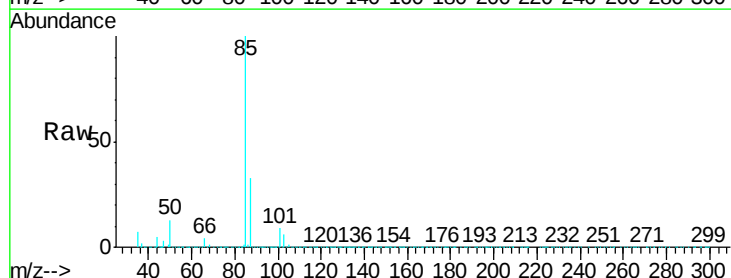
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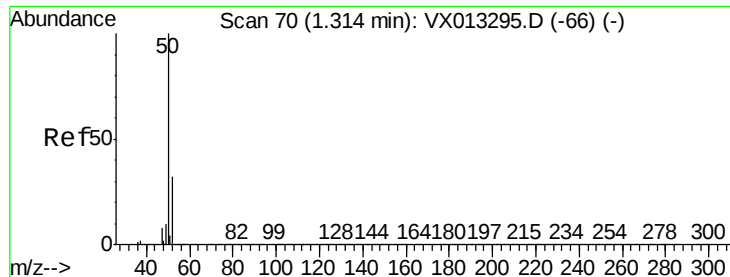
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#2
Dichlorodifluoromethane
Concen: 20.161 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	191492		
87	32.5	15.9	47.6	





#3

Chloromethane

Concen: 20.043 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBS01

Tgt Ion: 50 Resp: 206447

Ion Ratio Lower Upper

50 100

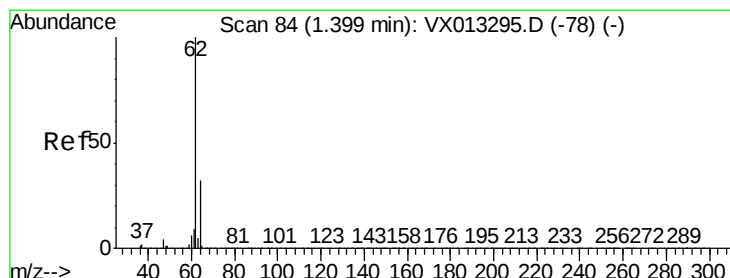
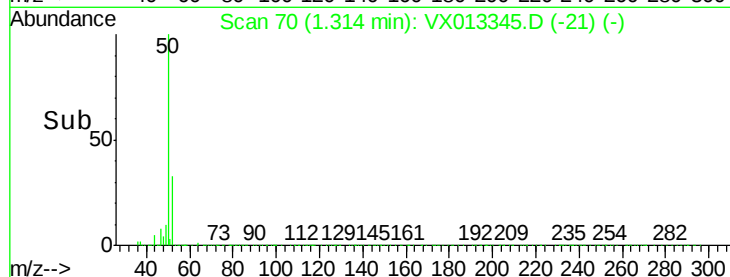
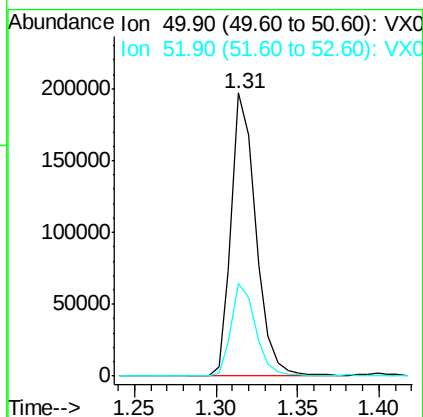
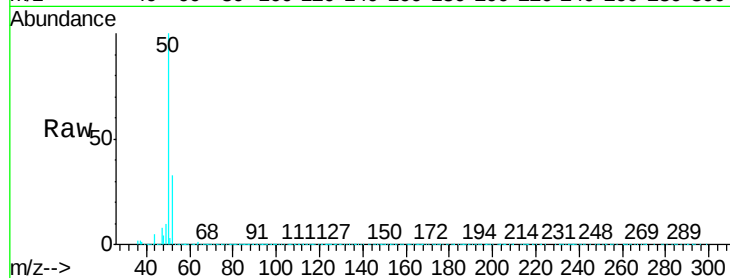
52 32.6 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.048 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013345.D

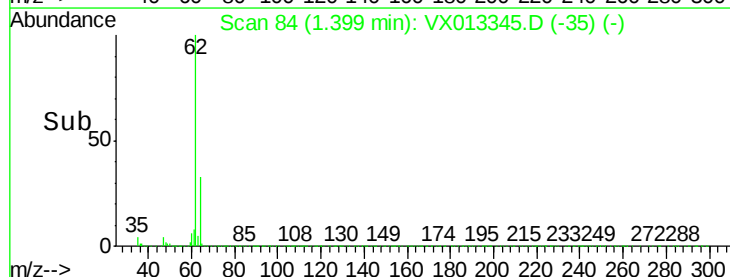
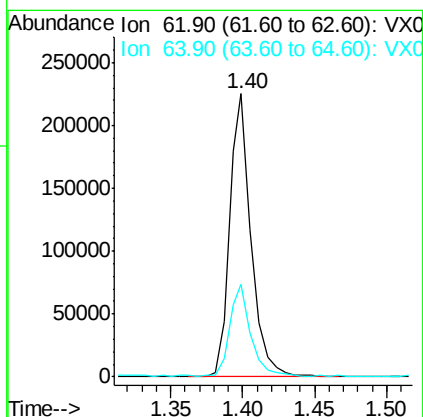
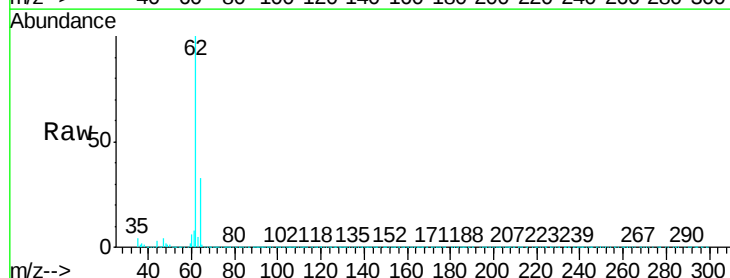
Acq: 07 Nov 2019 11:44

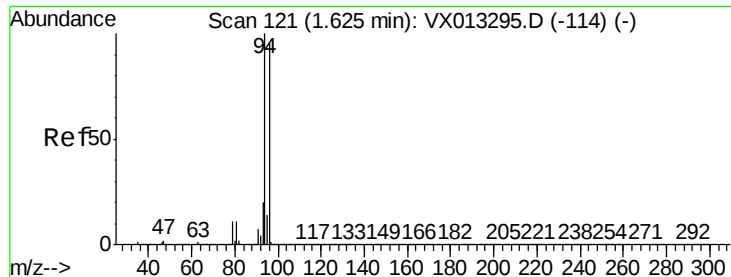
Tgt Ion: 62 Resp: 235090

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4





#5

Bromomethane

Concen: 17.448 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBS01

Tgt Ion: 94 Resp: 142578

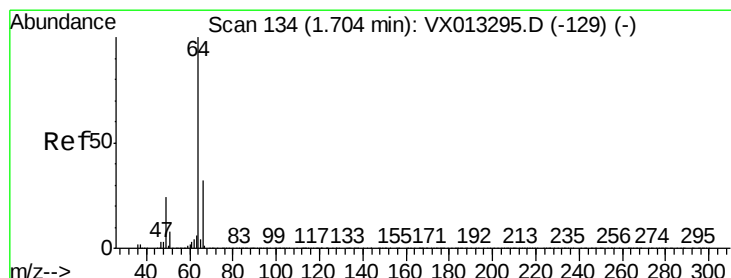
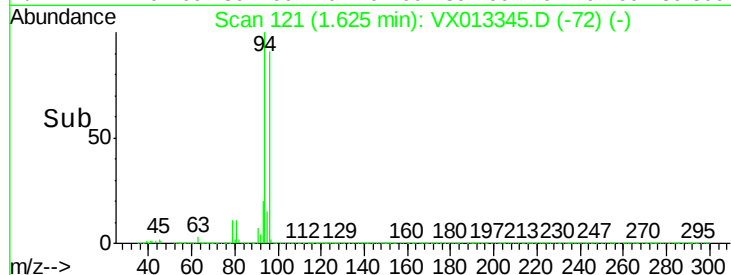
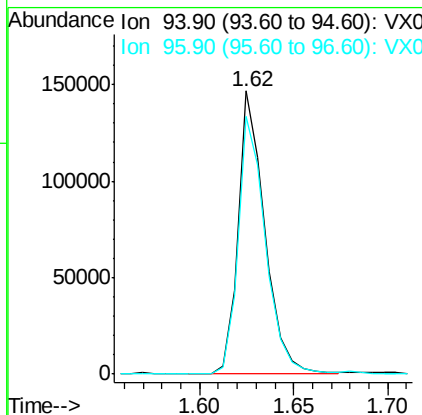
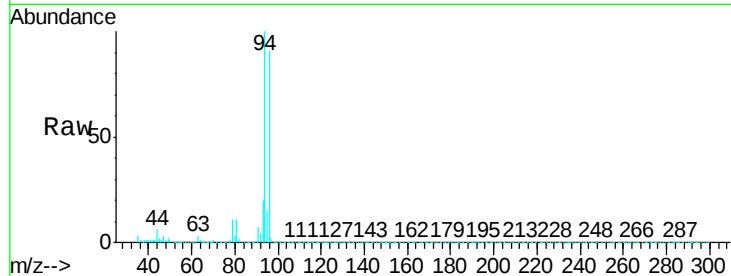
Ion Ratio Lower Upper

94 100

96 90.9 75.8 113.8

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#6

Chloroethane

Concen: 18.805 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013345.D

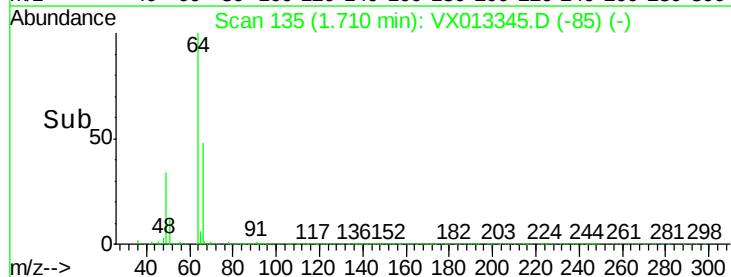
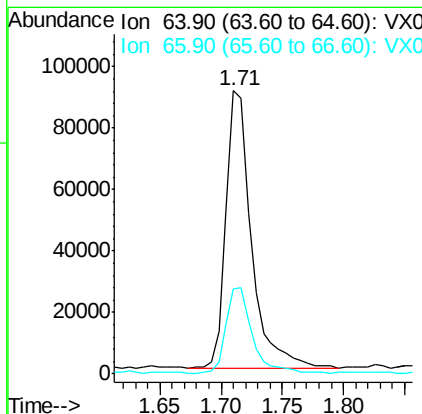
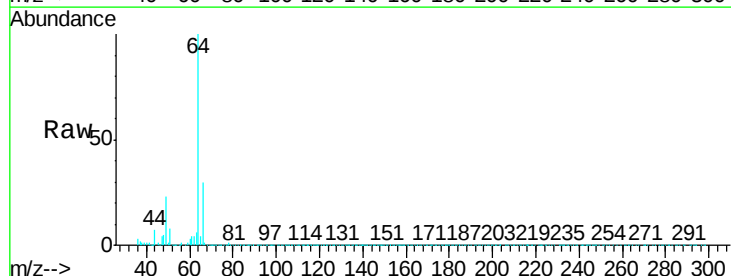
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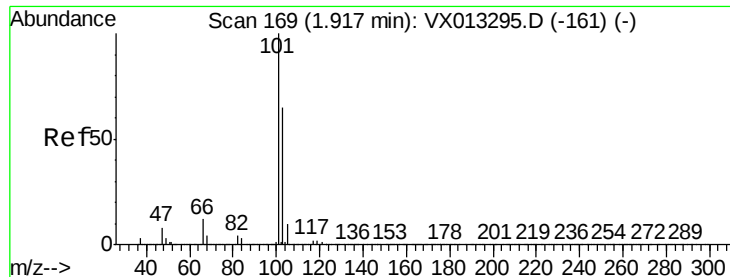
Tgt Ion: 64 Resp: 131037

Ion Ratio Lower Upper

64 100

66 30.2 25.6 38.4





#7

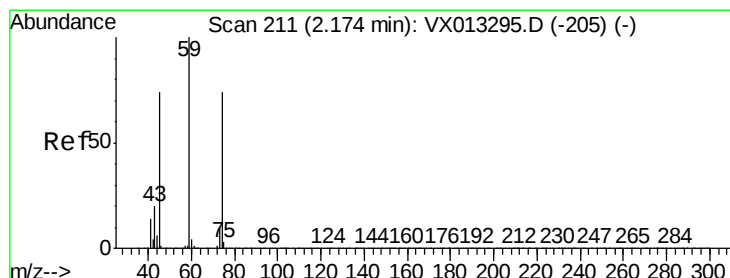
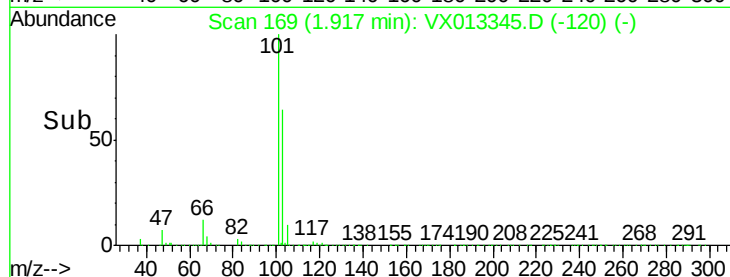
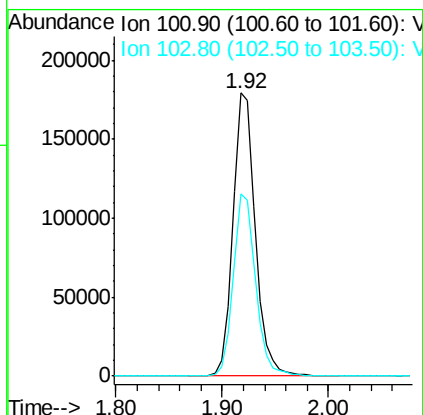
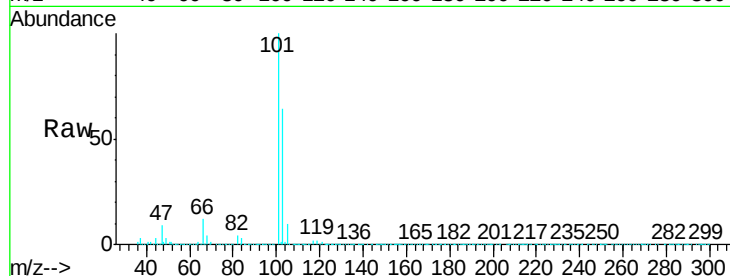
Trichlorofluoromethane
Concen: 19.145 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	265238		
103	64.3	52.3	78.5	

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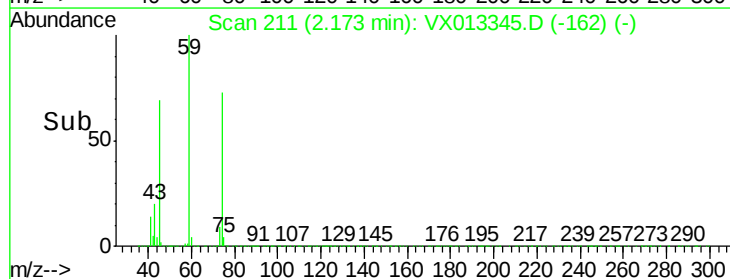
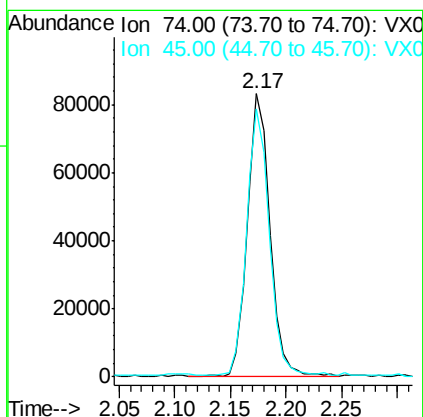
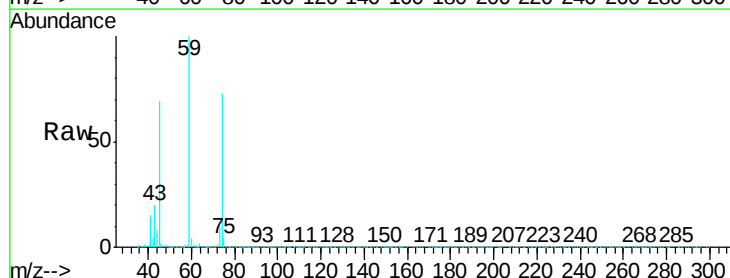
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11/8/2019 9:33:08 AM

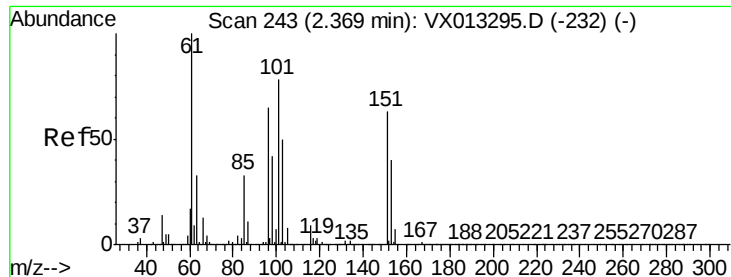


#8

Diethyl Ether
Concen: 19.397 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	118832		
45	93.2	48.5	145.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.233 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Instrument :

MSVOA_X

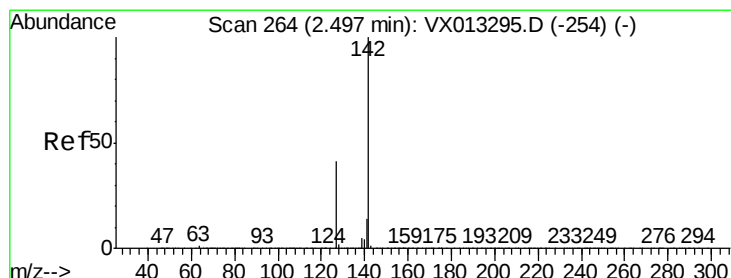
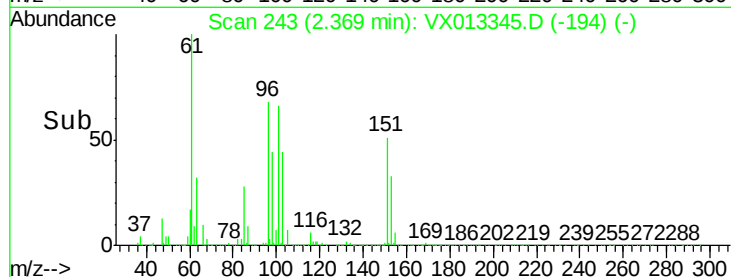
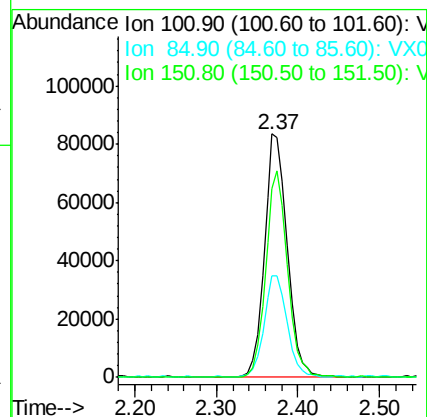
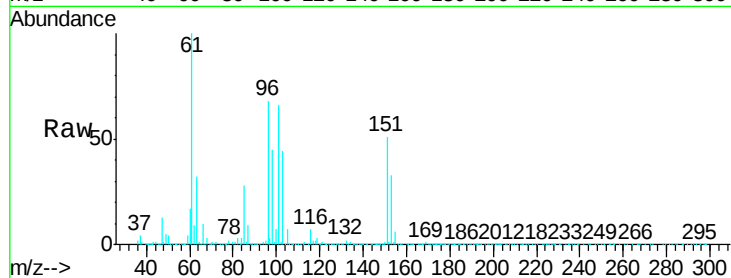
ClientSampleId :

VX1107WBS01

Tgt Ion:	101	Resp:	163956
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.4	51.6
151	80.6	66.4	99.6

Manual Integrations
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#10

Methyl Iodide

Concen: 18.120 ug/l

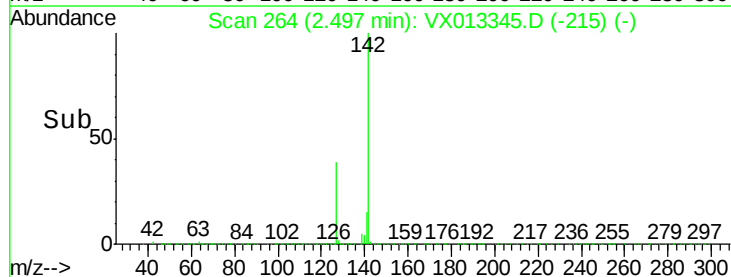
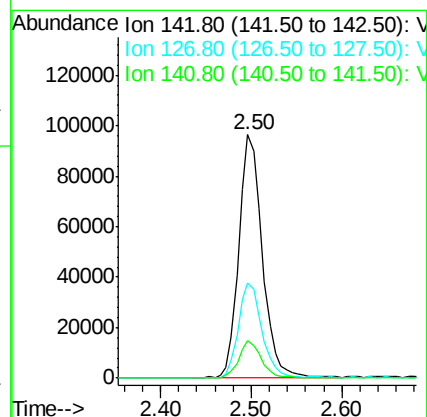
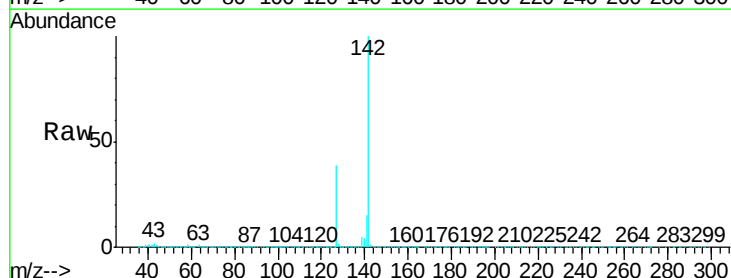
RT: 2.50 min Scan# 264

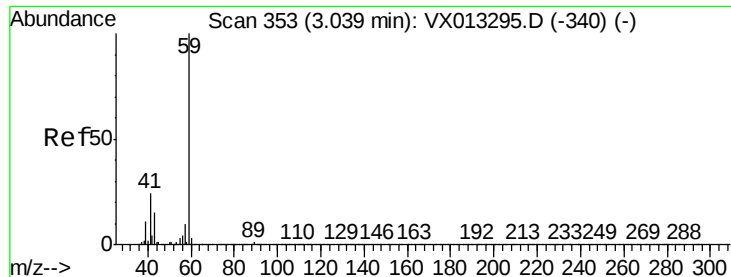
Delta R.T. -0.00 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Tgt Ion:	142	Resp:	173224
Ion Ratio	Lower	Upper	
142	100		
127	39.0	32.6	49.0
141	14.5	11.6	17.4





#11

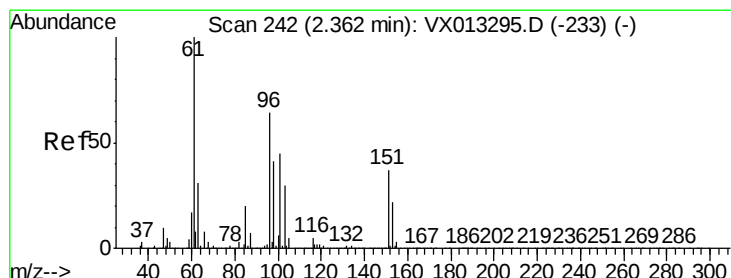
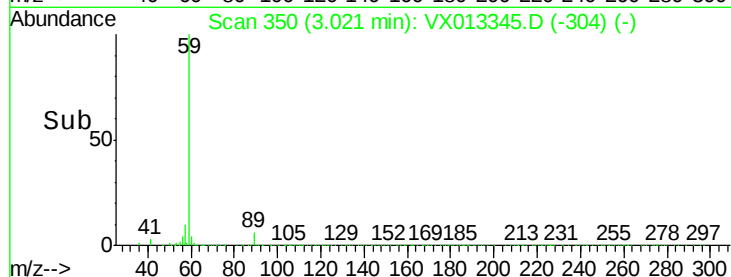
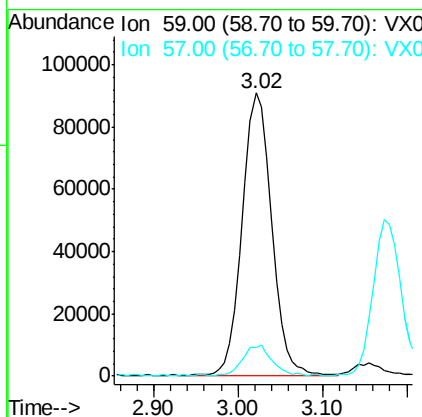
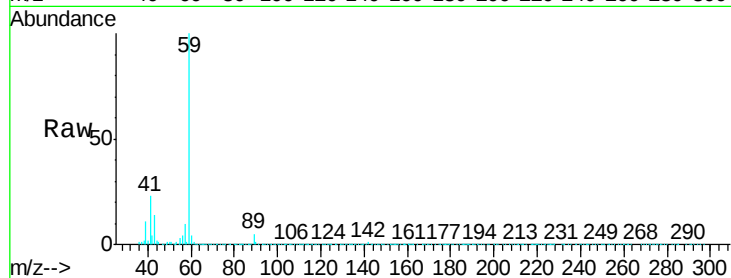
Tert butyl alcohol
Concen: 83.080 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampled :
VX1107WBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.0	12.0

Manual Integrations
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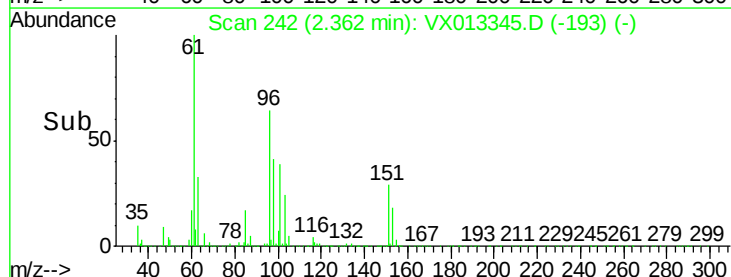
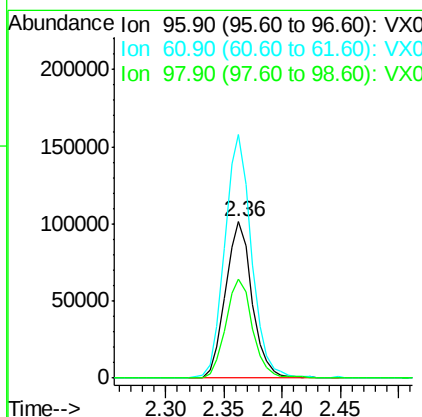
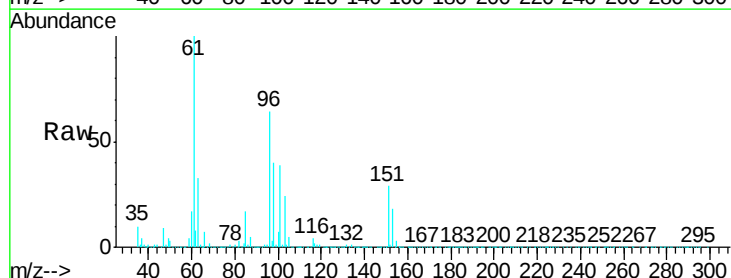
MMDadoda
11/8/2019 9:33:08 AM

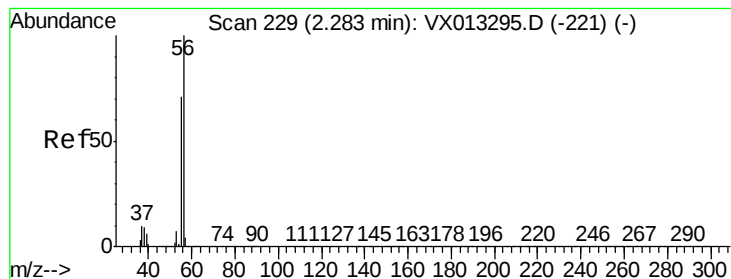


#12

1,1-Dichloroethene
Concen: 21.079 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.7	125.0	187.6
98	63.0	50.7	76.1





#13

Acrolein

Concen: 75.230 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBS01

Tgt Ion: 56 Resp: 104951

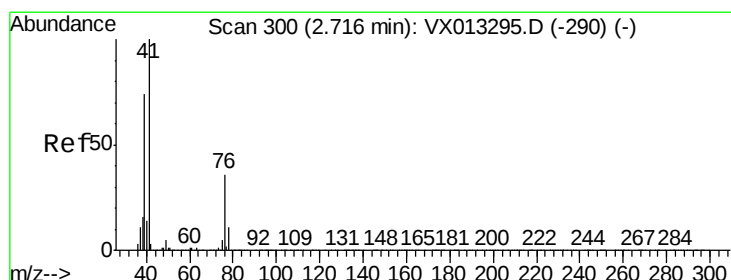
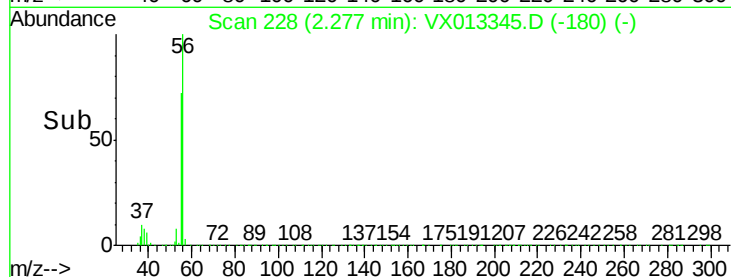
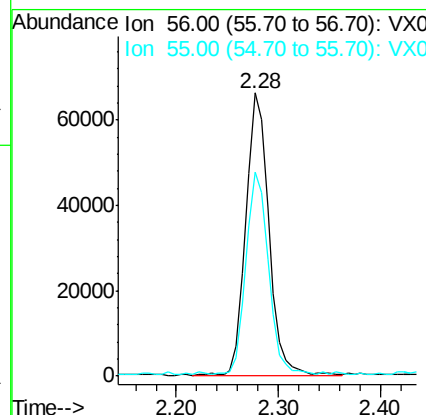
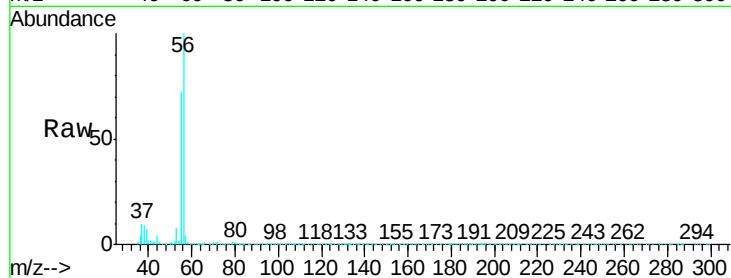
Ion Ratio Lower Upper

56 100

55 68.7 57.4 86.0

Manual Integrations
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#14

Allyl chloride

Concen: 20.623 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

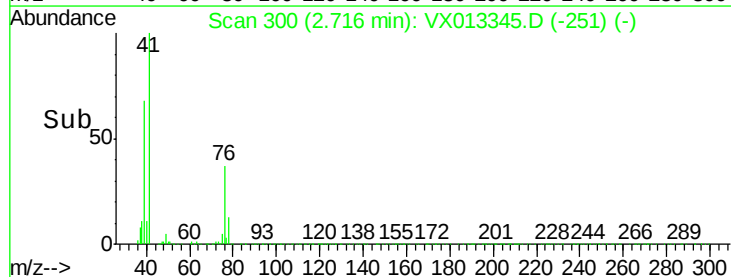
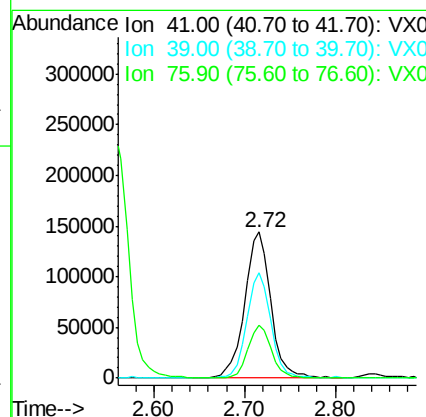
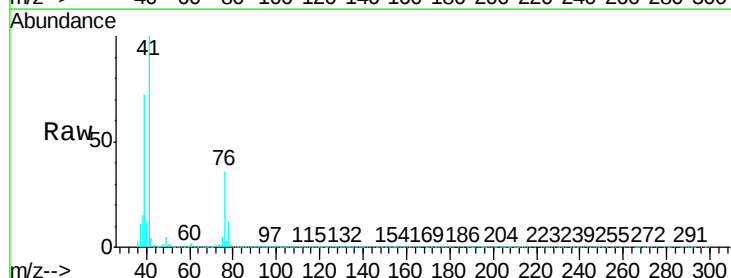
Tgt Ion: 41 Resp: 283346

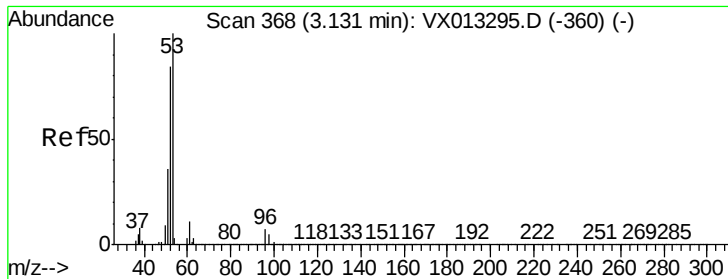
Ion Ratio Lower Upper

41 100

39 66.3 55.8 83.8

76 32.2 26.4 39.6





#15

Acrylonitrile

Concen: 98.401 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Instrument :

MSVOA_X

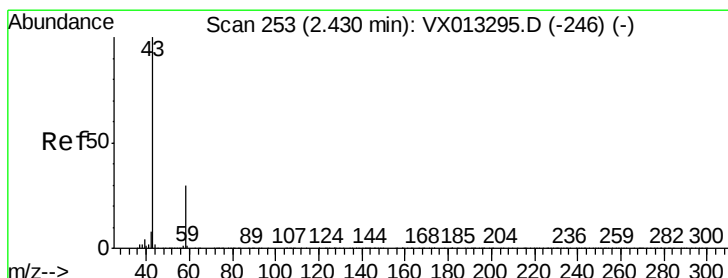
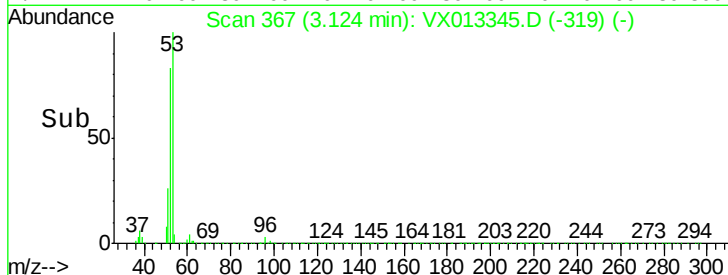
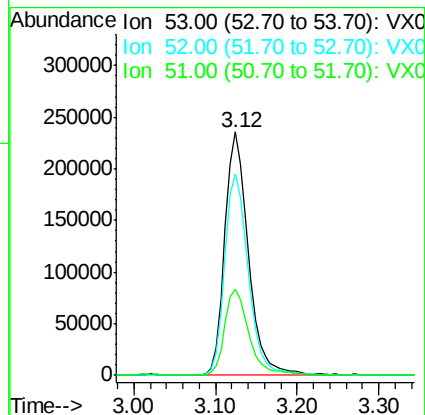
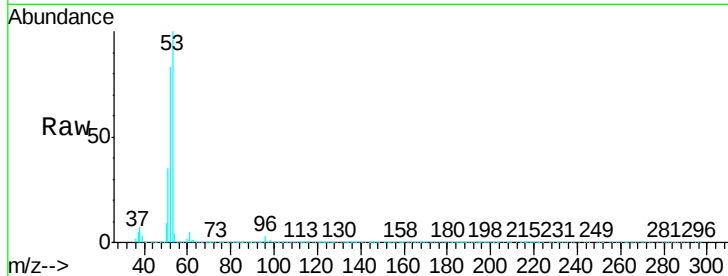
ClientSampleId :

VX1107WBS01

Tgt Ion:	53	Resp:	473134
Ion	Ratio	Lower	Upper
53	100		
52	83.3	67.4	101.0
51	36.2	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 96.112 ug/l

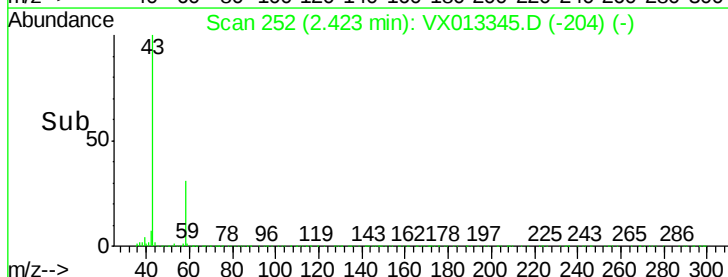
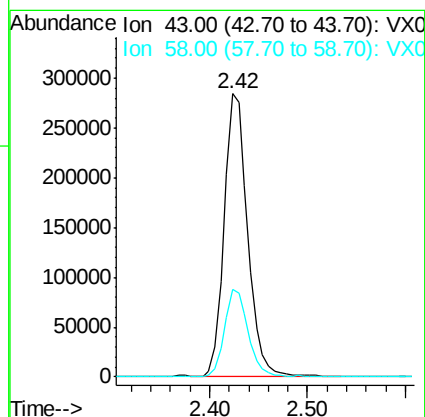
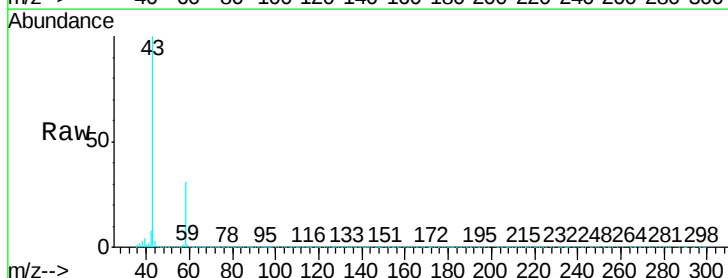
RT: 2.42 min Scan# 252

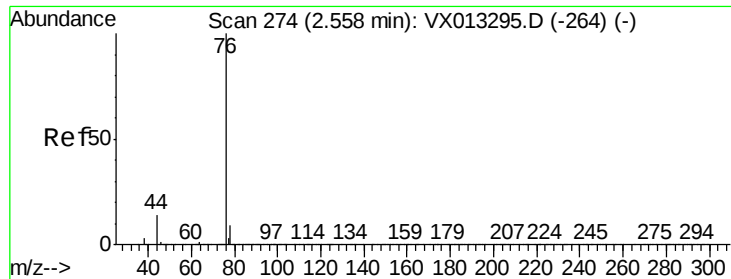
Delta R.T. -0.01 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Tgt Ion:	43	Resp:	468180
Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.3	36.5





#17

Carbon Disulfide

Concen: 20.110 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBS01

Tgt Ion: 76 Resp: 407014

Ion Ratio Lower Upper

76 100

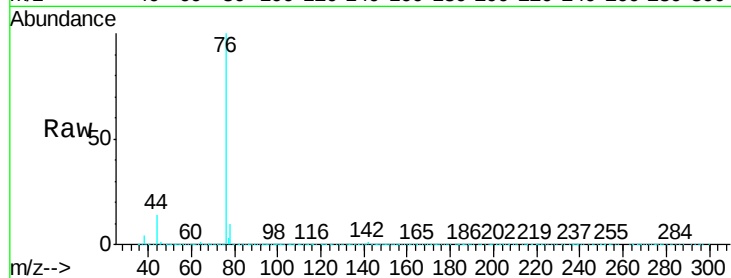
78 9.6 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

50000

0

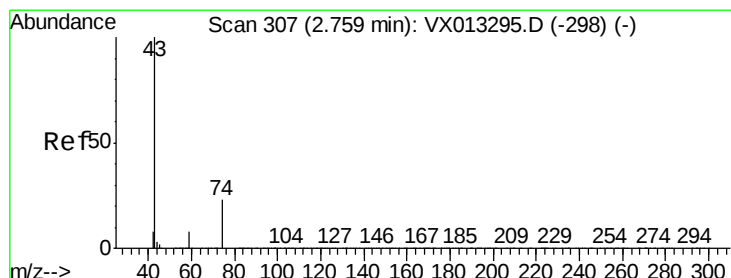
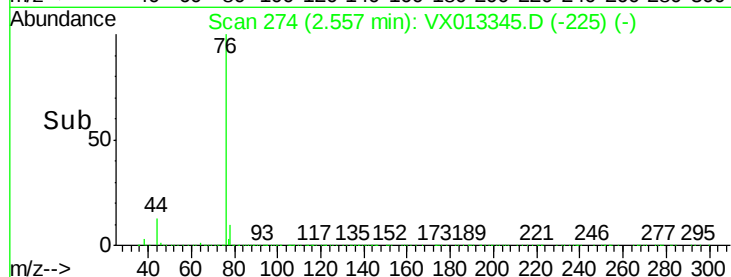
2.56

2.50

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 19.746 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013345.D

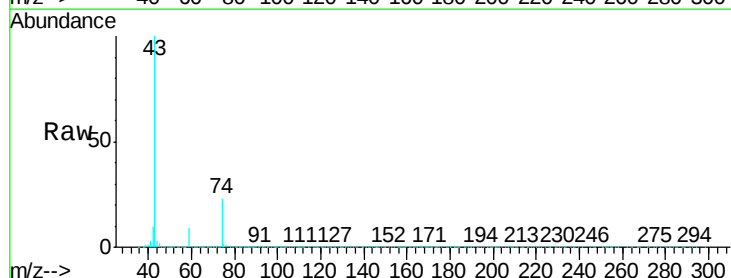
Acq: 07 Nov 2019 11:44

Tgt Ion: 43 Resp: 265555

Ion Ratio Lower Upper

43 100

74 24.1 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

150000

100000

50000

0

2.76

2.65

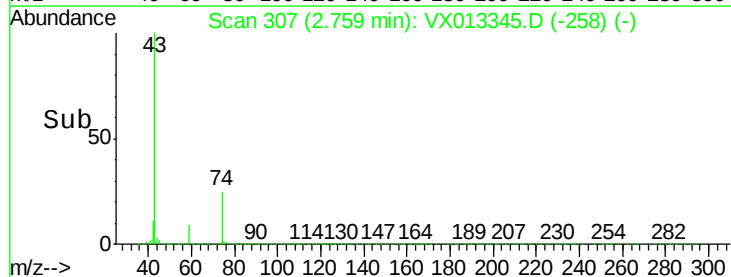
2.70

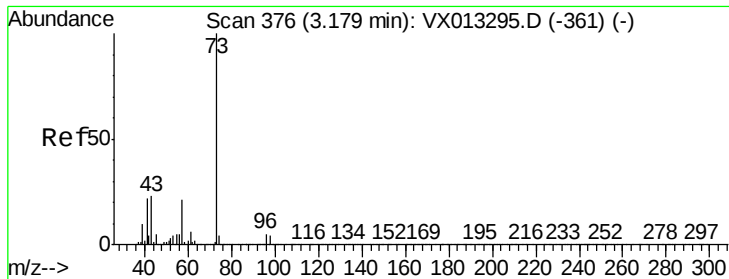
2.75

2.80

2.85

Time-->





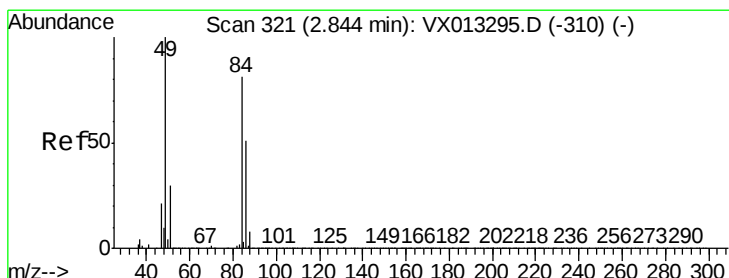
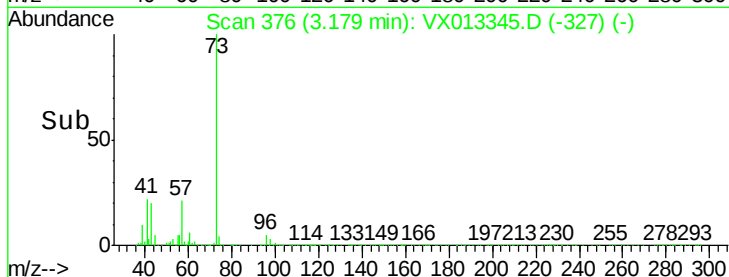
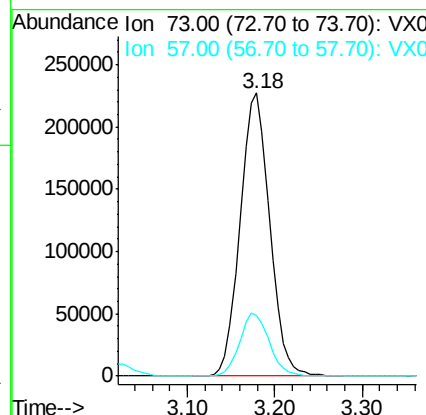
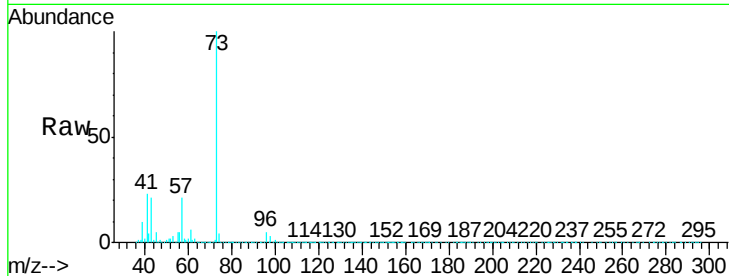
#19
Methyl tert-butyl Ether
Concen: 21.179 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.1	25.7

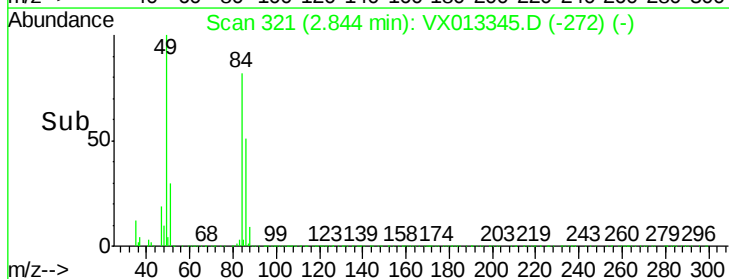
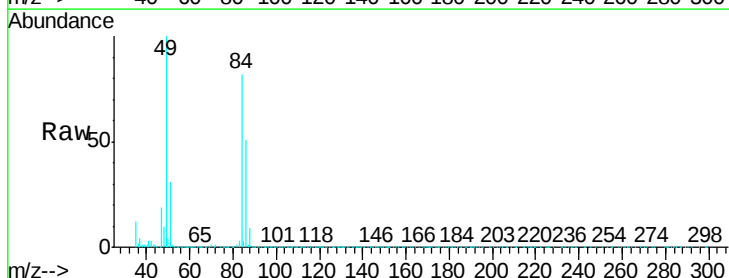
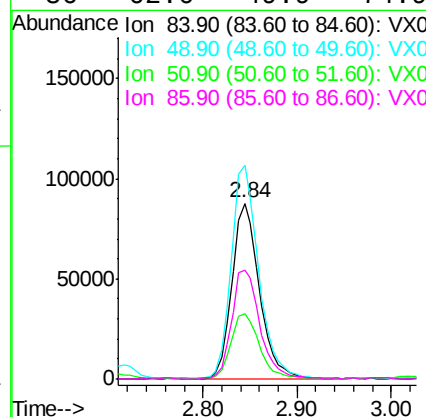
Manual Integrations
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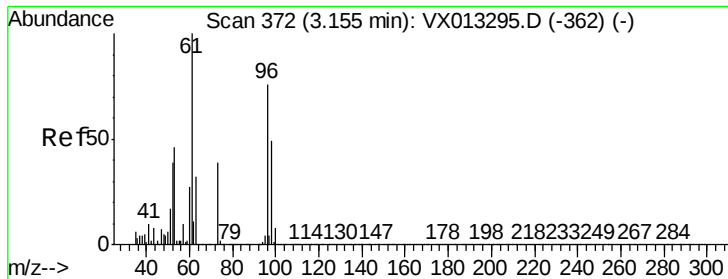
MMDadoda
11/8/2019 9:33:08 AM



#20
Methylene Chloride
Concen: 19.772 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.5	98.2	147.4
51	37.2	29.9	44.9
86	62.0	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 20.104 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBS01

Tgt Ion: 96 Resp: 165519
Ion Ratio Lower Upper

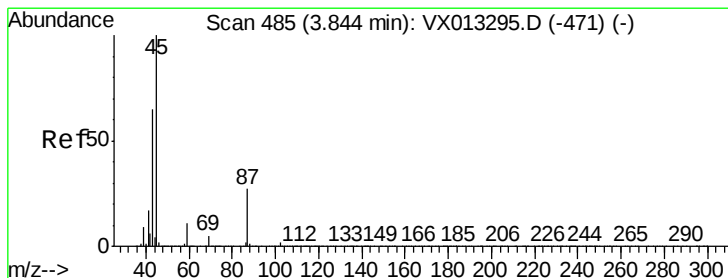
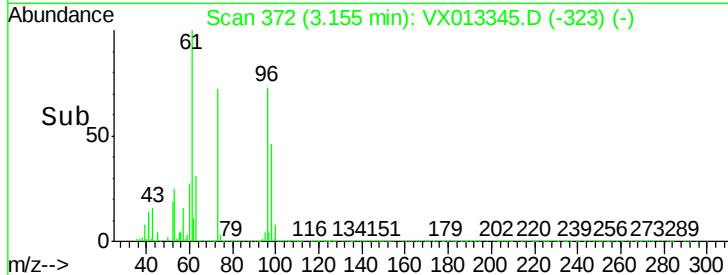
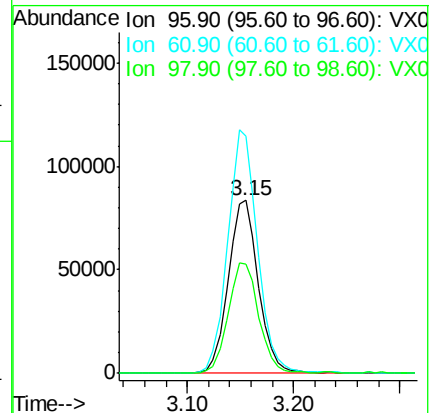
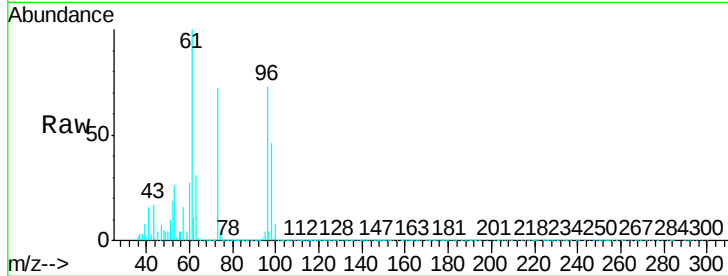
96 100

61 137.4 105.8 158.6

98 63.5 51.8 77.6

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#22

Diisopropyl ether

Concen: 21.562 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

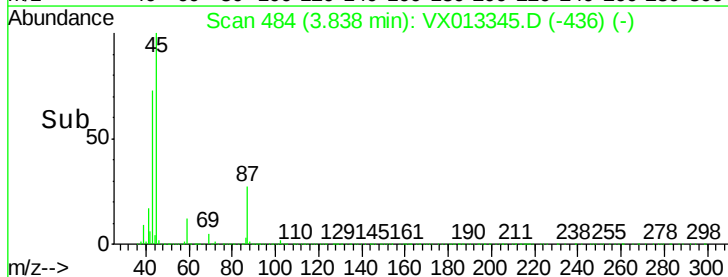
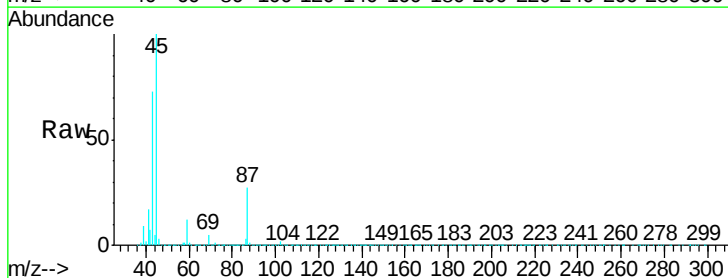
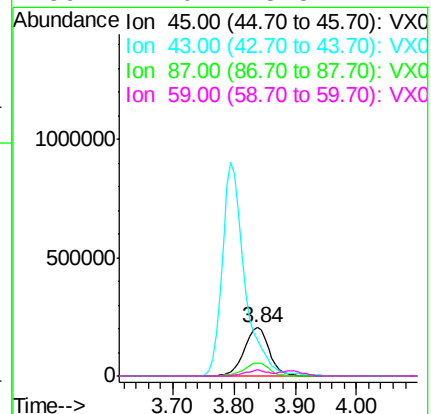
Tgt Ion: 45 Resp: 571922
Ion Ratio Lower Upper

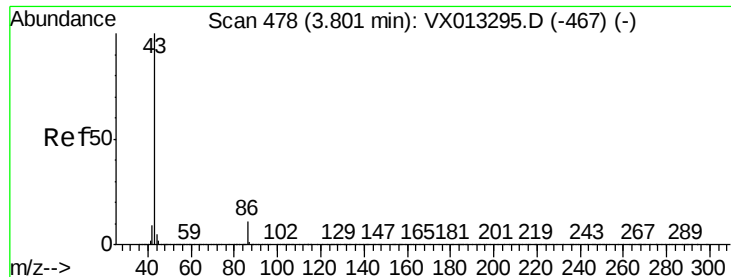
45 100

43 73.1 54.2 81.2

87 27.0 21.8 32.8

59 12.0 8.5 12.7





#23

Vinyl Acetate

Concen: 102.927 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBS01

Tgt Ion: 43 Resp: 2336155

Ion Ratio Lower Upper

43 100

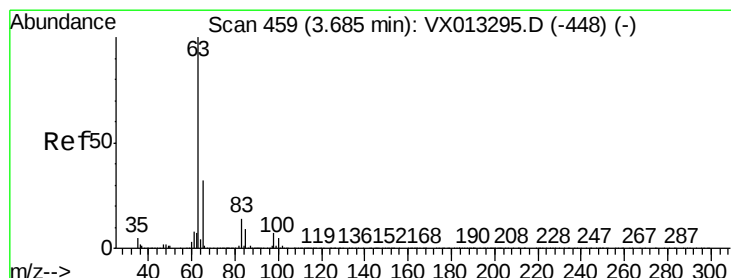
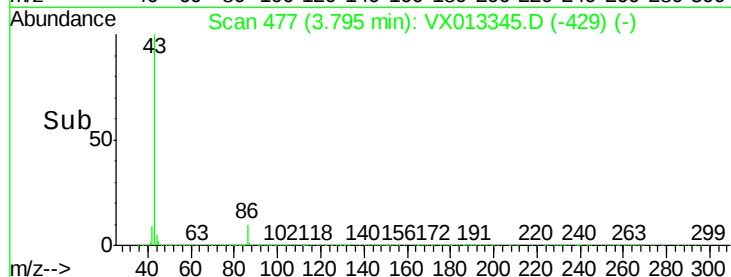
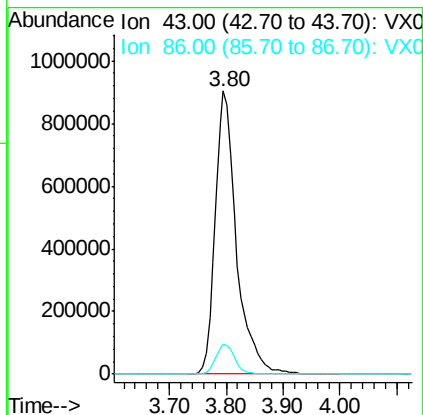
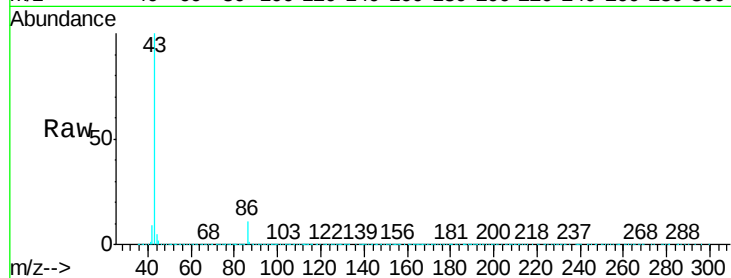
86 10.5 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.663 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

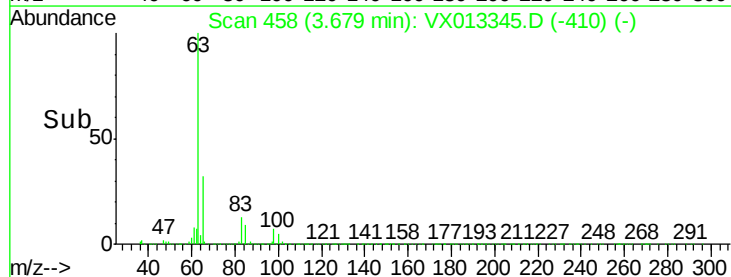
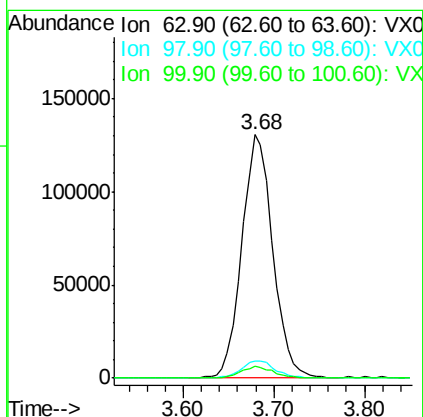
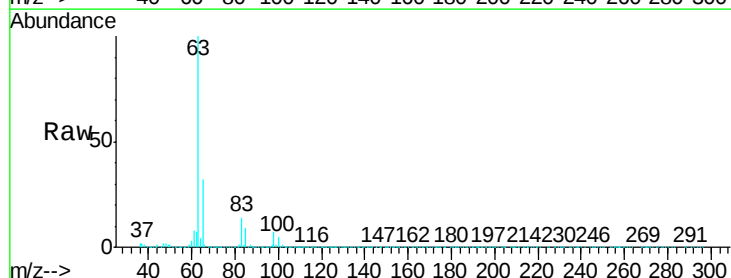
Tgt Ion: 63 Resp: 306606

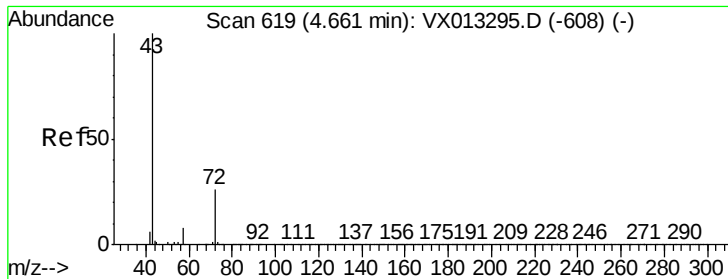
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 96.813 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBS01

Tgt Ion: 43 Resp: 691838

Ion Ratio Lower Upper

43 100

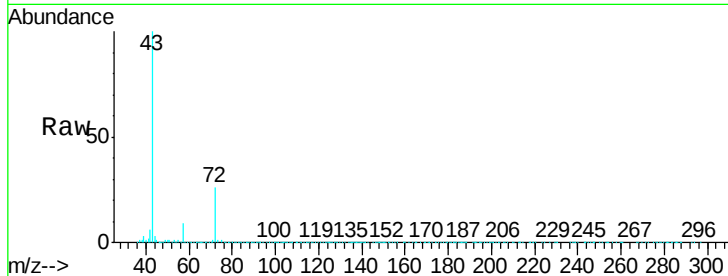
72 25.6 21.0 31.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

100000

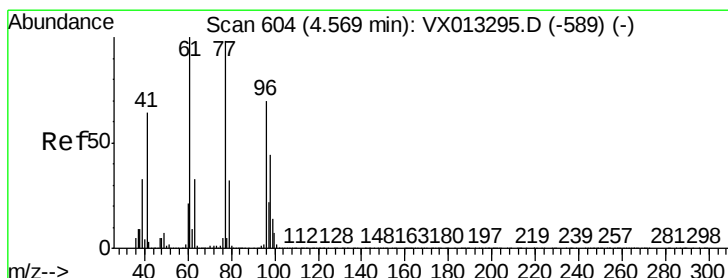
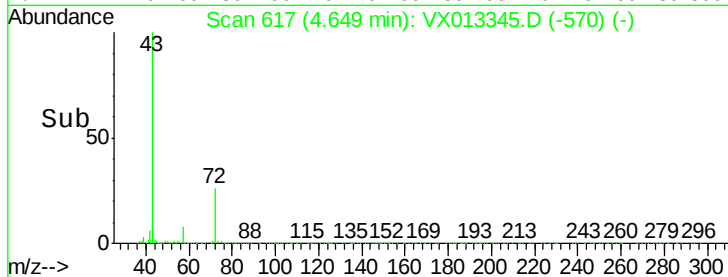
50000

0

4.60

4.70

Time-->



#26

2,2-Dichloropropane

Concen: 21.198 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013345.D

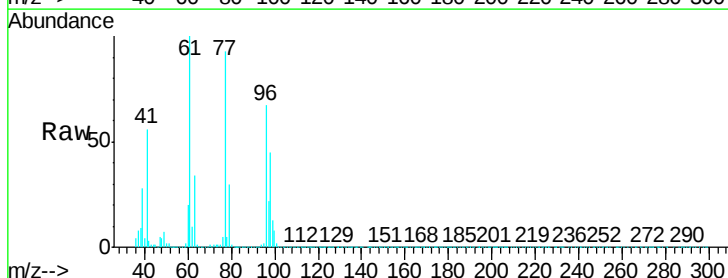
Acq: 07 Nov 2019 11:44

Tgt Ion: 77 Resp: 250224

Ion Ratio Lower Upper

77 100

97 24.1 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

40000

20000

0

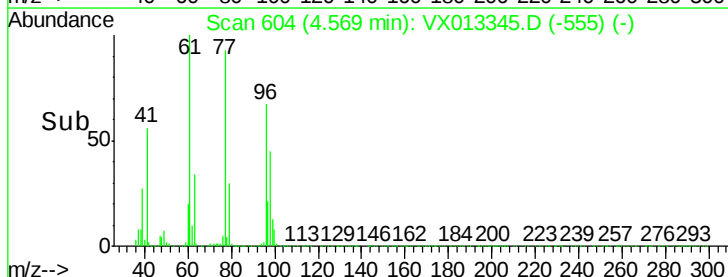
4.40

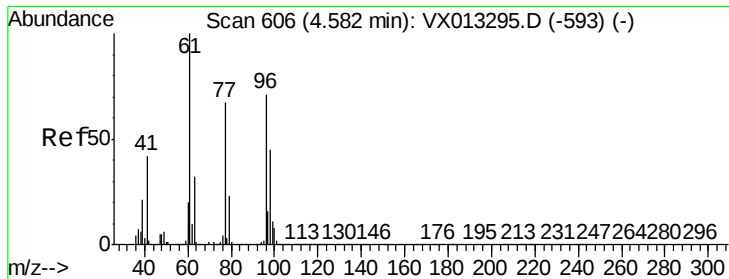
4.50

4.60

4.70

Time-->





#27

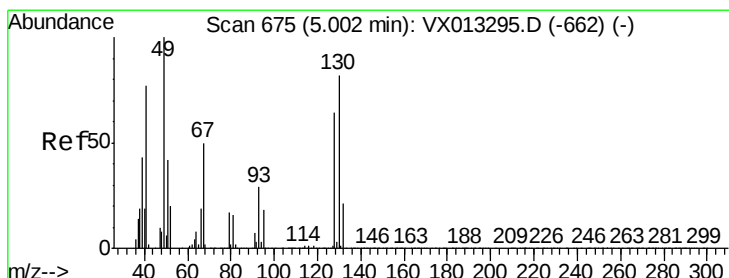
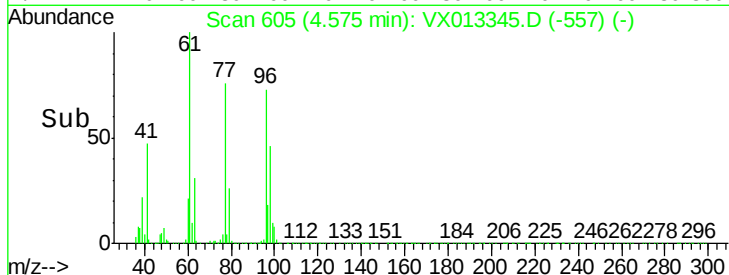
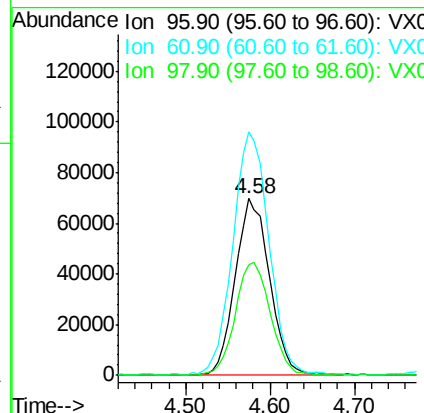
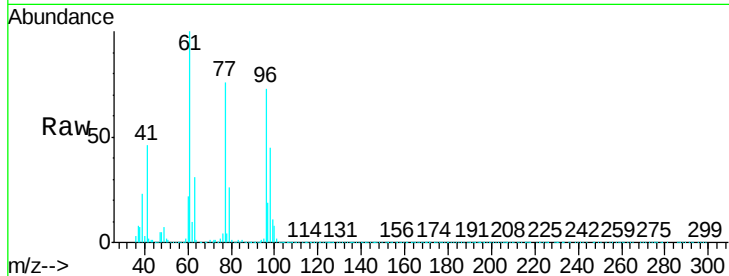
cis-1,2-Dichloroethene
Concen: 20.787 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
96	100		
61	144.8	0.0	288.0
98	65.3	0.0	129.6

Manual Integrations
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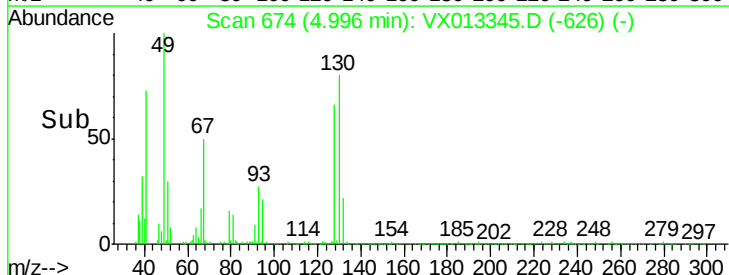
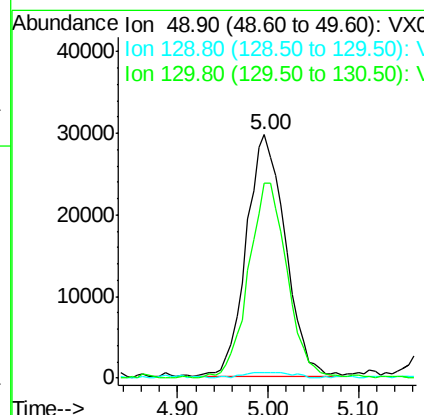
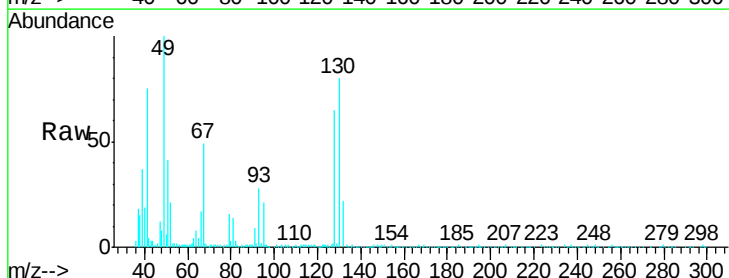
MMDadoda
11/8/2019 9:33:08 AM

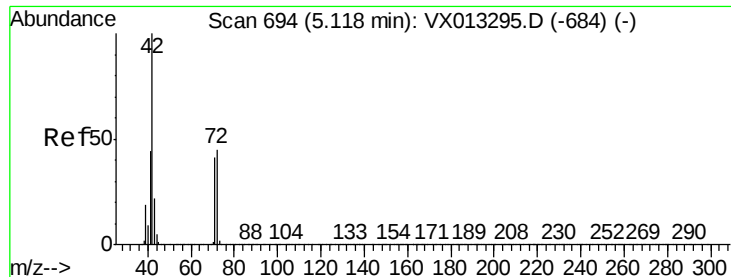


#28

Bromochloromethane
Concen: 21.048 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
49	100		
129	2.9	0.0	5.2
130	78.8	63.8	95.6





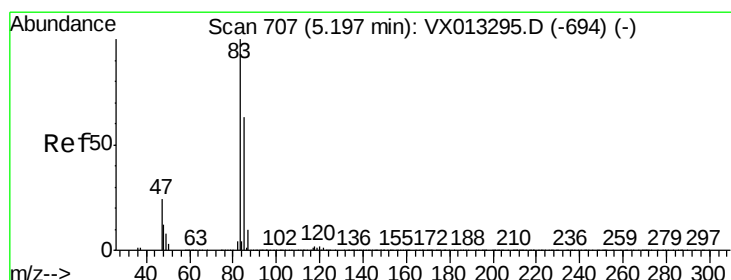
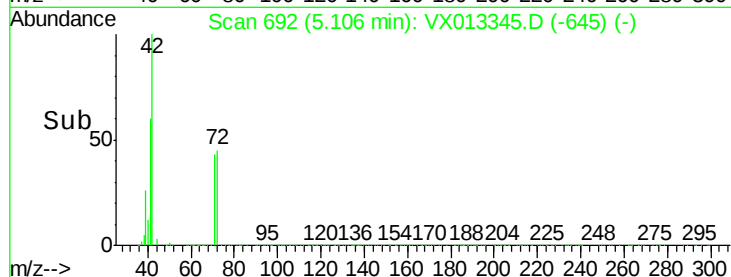
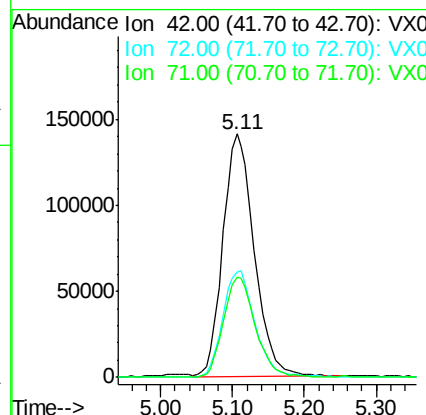
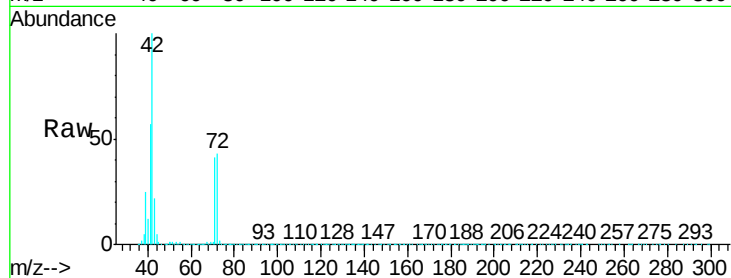
#29
Tetrahydrofuran
Concen: 96.556 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.8	53.8
71	42.3	33.4	50.0

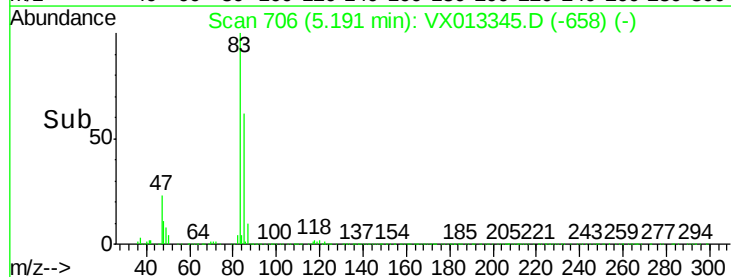
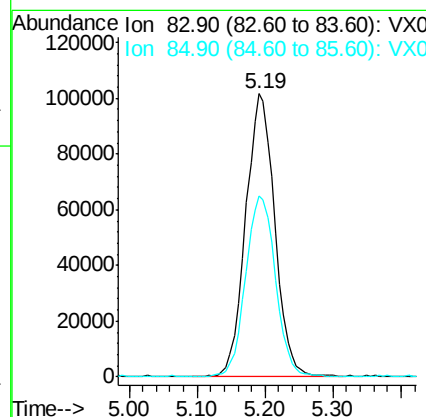
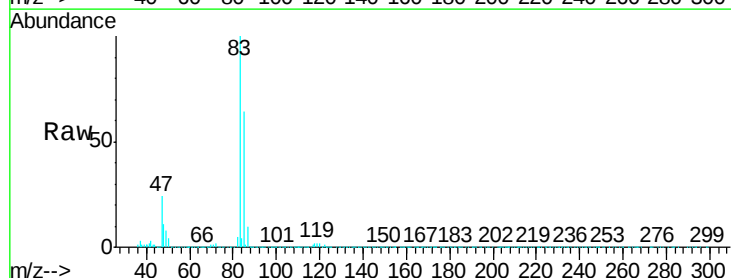
Manual Integrations
APPROVED

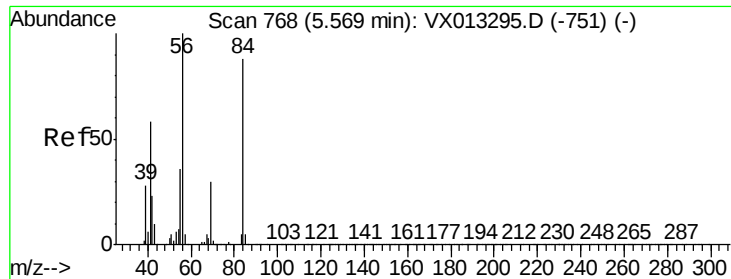
MMDadoda
11/8/2019 9:33:08 AM



#30
Chloroform
Concen: 20.662 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.2	75.4





#31

Cyclohexane

Concen: 20.498 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Instrument :

MSVOA_X

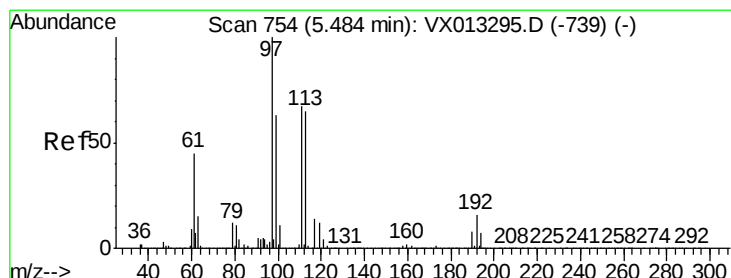
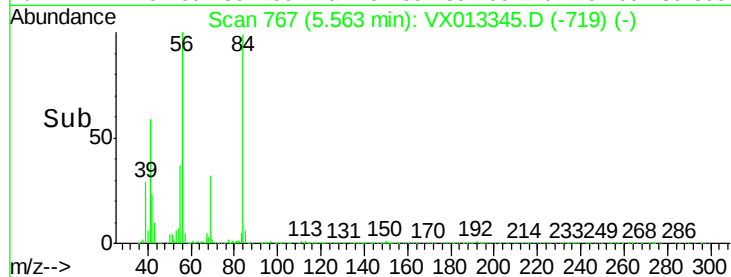
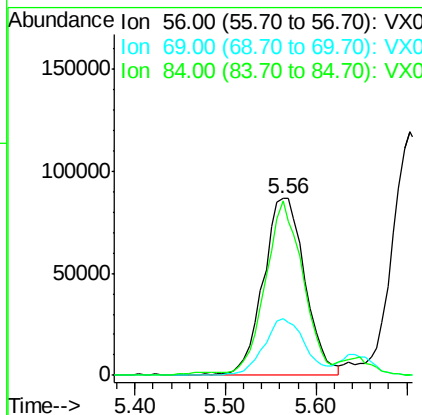
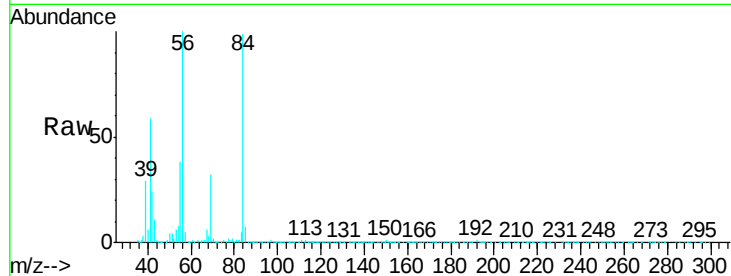
ClientSampleId :

VX1107WBS01

Tgt Ion:	56	Resp:	273683
Ion	Ratio	Lower	Upper
56	100		
69	31.7	23.7	35.5
84	98.0	70.6	105.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.212 ug/l

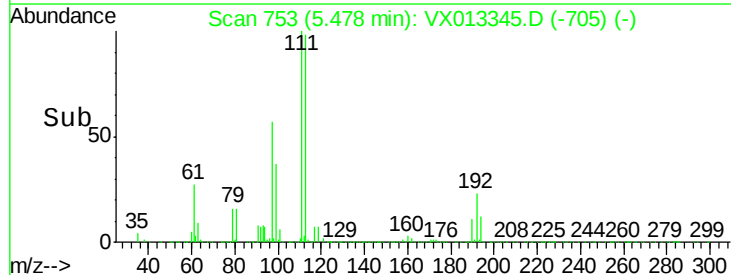
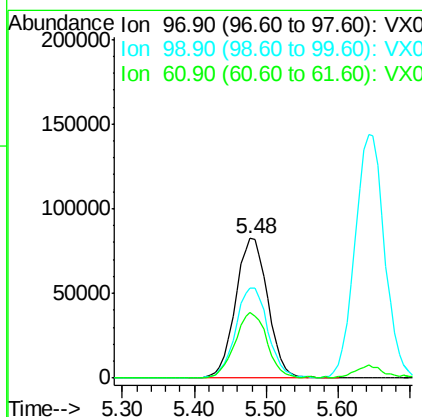
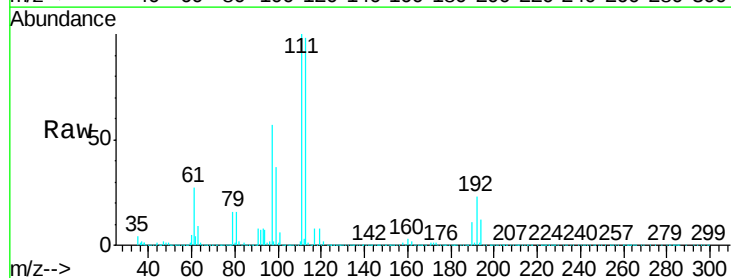
RT: 5.48 min Scan# 753

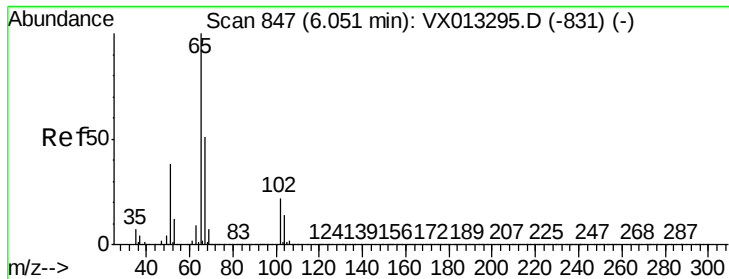
Delta R.T. -0.01 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Tgt Ion:	97	Resp:	254860
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.1	76.7
61	46.3	36.5	54.7





#33

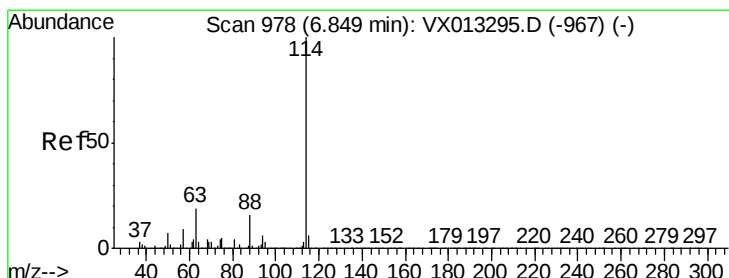
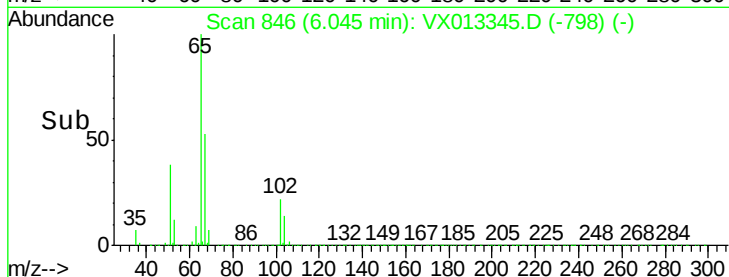
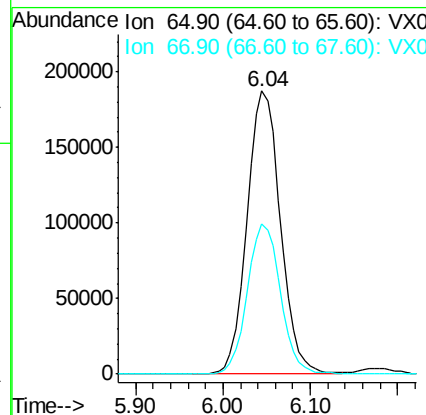
1,2-Dichloroethane-d4
Concen: 50.619 ug/l
RT: 6.04 min Scan# 846
Delta R.T. -0.01 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.2

Manual Integrations
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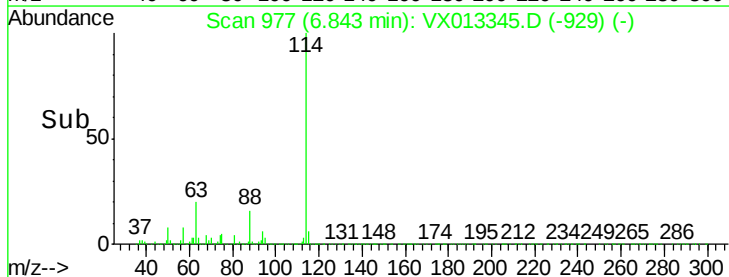
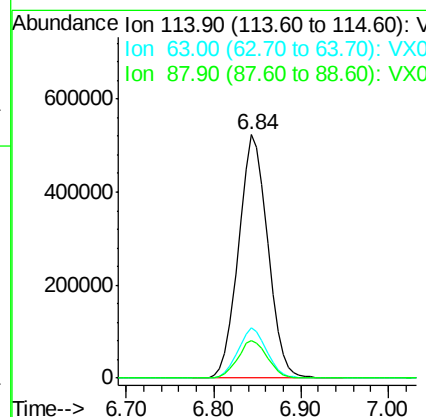
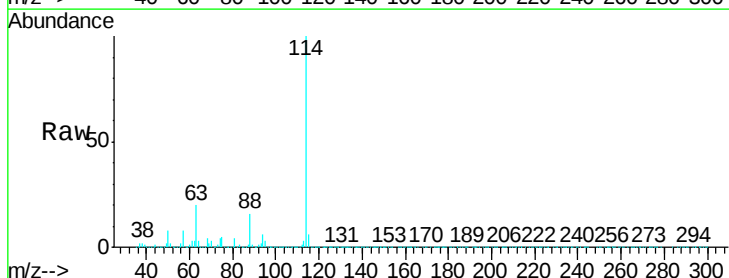
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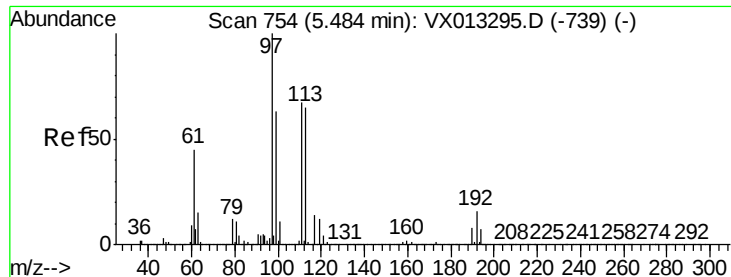


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 977
Delta R.T. -0.01 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	38.4
88	15.7	0.0	32.2





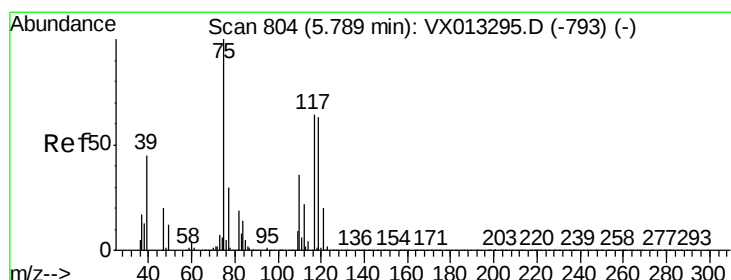
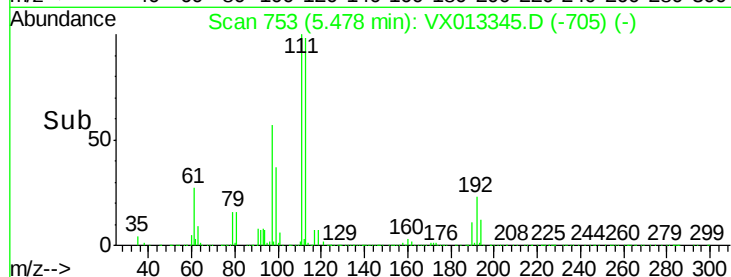
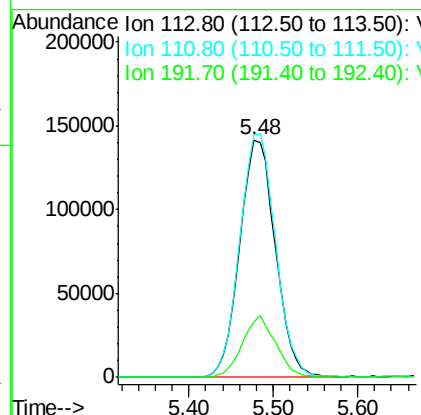
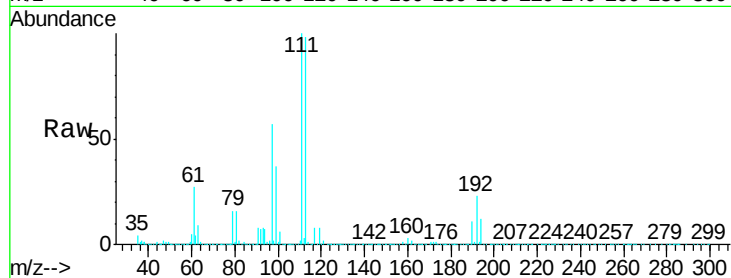
#35
 Dibromofluoromethane
 Concen: 53.251 ug/l
 RT: 5.48 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: VX013345.D
 Acq: 07 Nov 2019 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	406403		
111	102.6	81.9	122.9	
192	24.2	19.1	28.7	

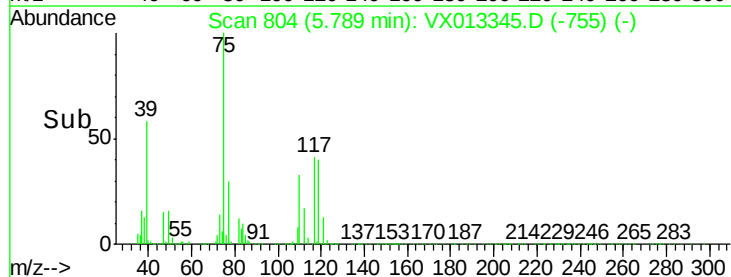
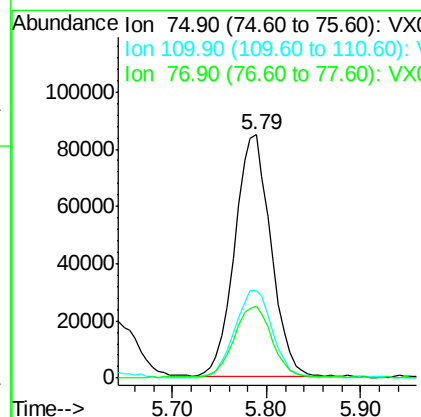
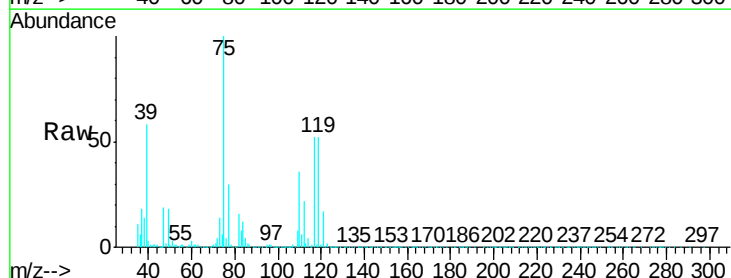
Manual Integrations
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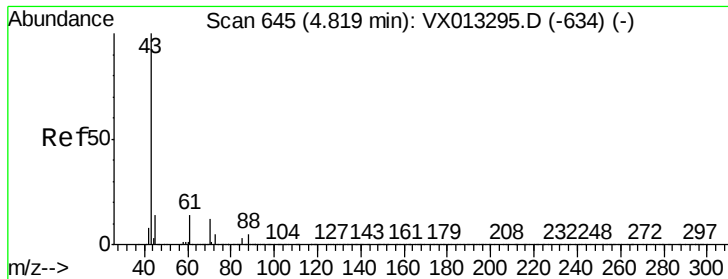
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#36
 1,1-Dichloropropene
 Concen: 21.759 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013345.D
 Acq: 07 Nov 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	227135		
110	37.6	18.1	54.1	
77	29.9	25.0	37.4	





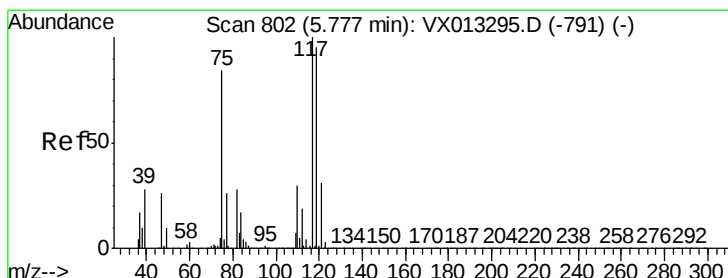
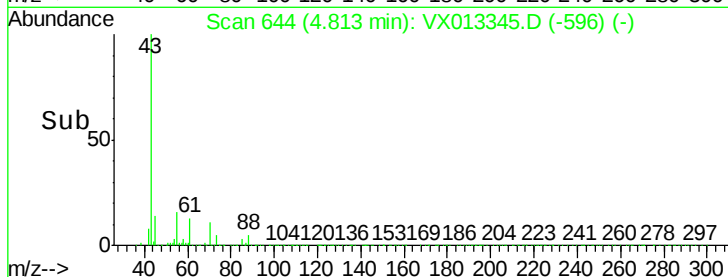
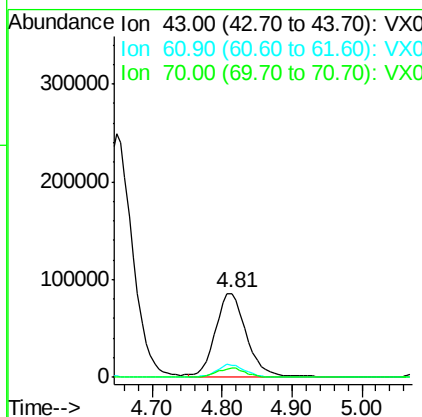
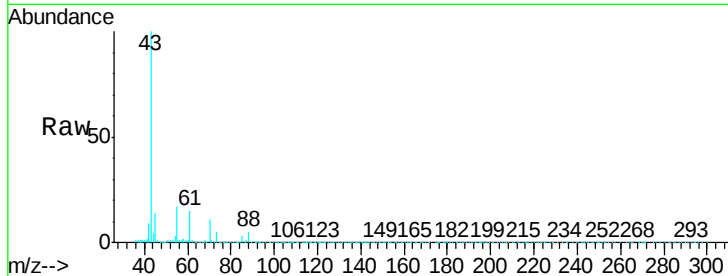
#37
Ethyl Acetate
Concen: 20.189 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	10.8	8.7	13.1

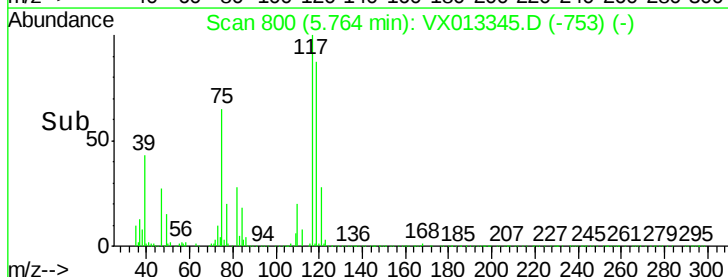
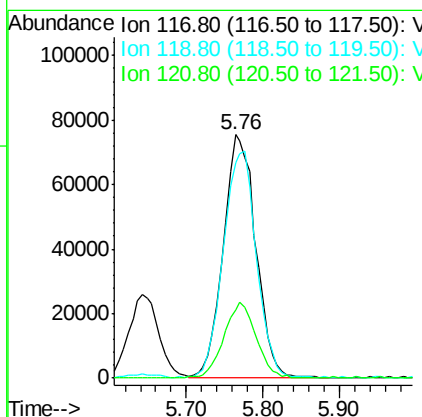
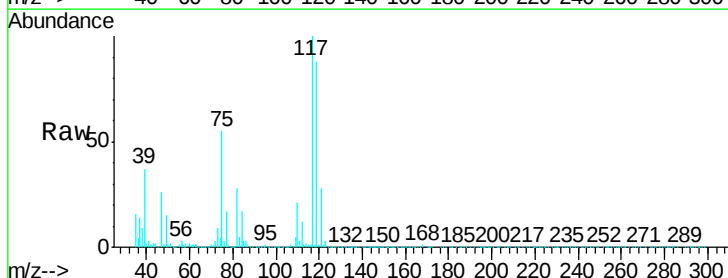
Manual Integrations
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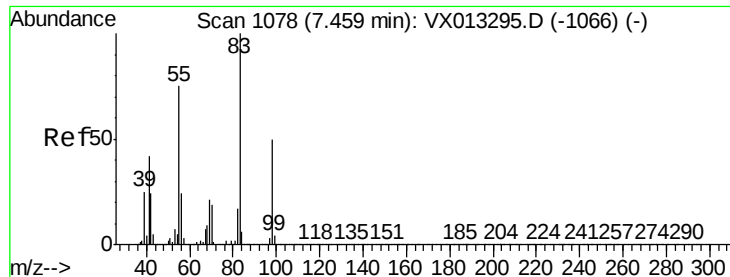
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#38
Carbon Tetrachloride
Concen: 21.595 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.01 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.4	76.1	114.1
121	27.9	24.6	37.0





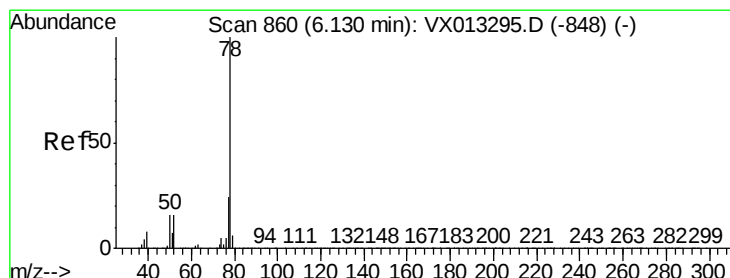
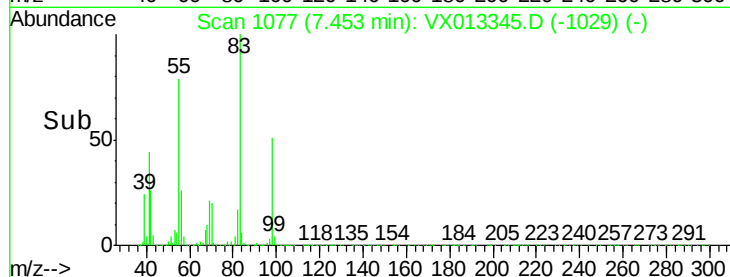
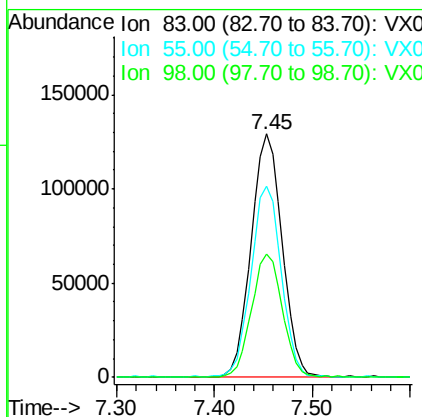
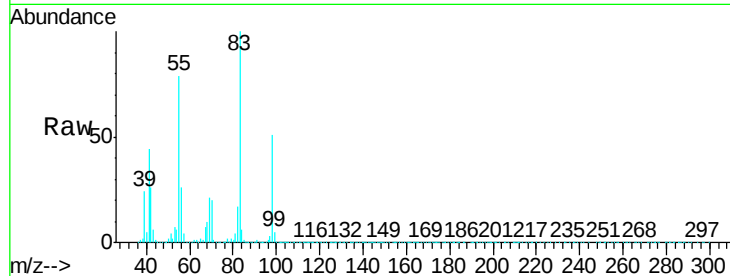
#39
Methylcyclohexane
Concen: 21.931 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
83	100		
55	78.5	60.3	90.5
98	50.5	40.3	60.5

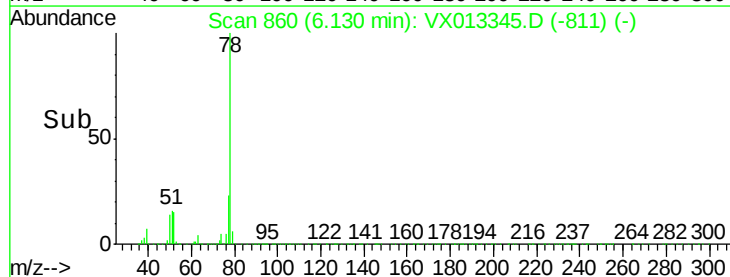
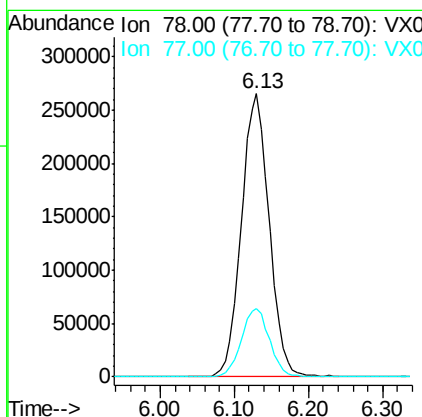
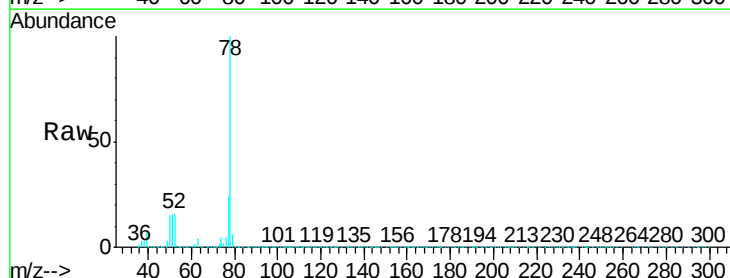
Manual Integrations
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#40
Benzene
Concen: 21.352 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
78	100		
77	24.0	19.5	29.3





#41

Methacrylonitrile

Concen: 19.457 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Instrument :

MSVOA_X

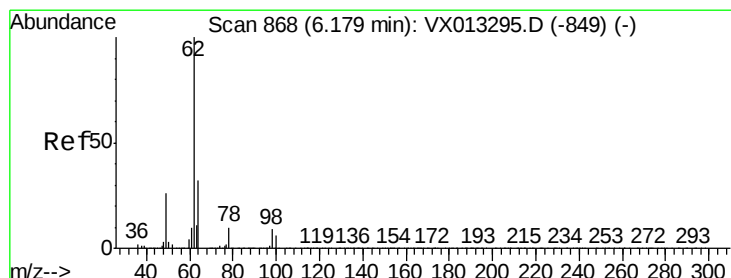
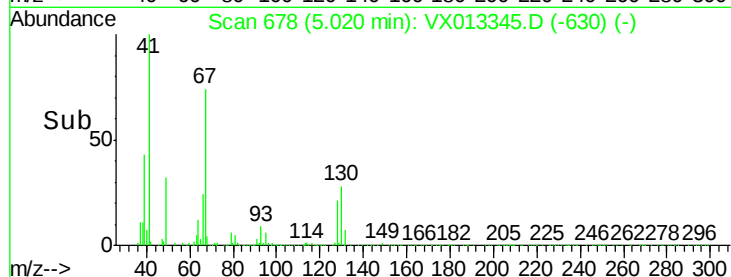
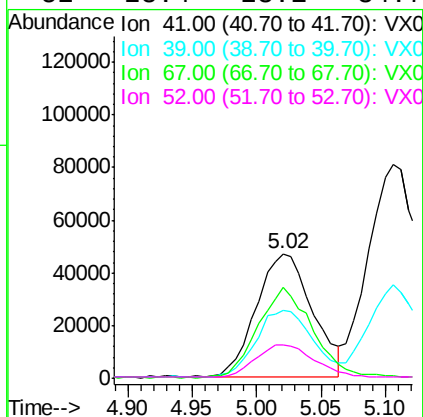
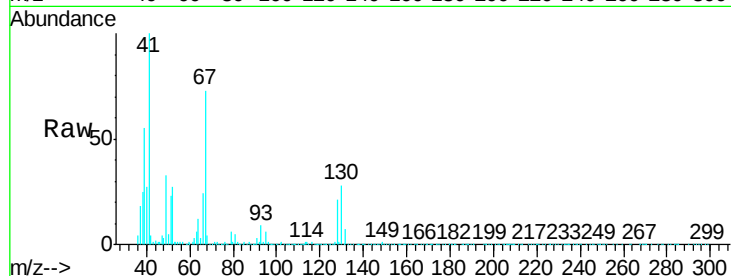
ClientSampleId :

VX1107WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.1	45.0	67.6
67	73.7	55.4	83.2
52	28.4	23.1	34.7

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 21.361 ug/l

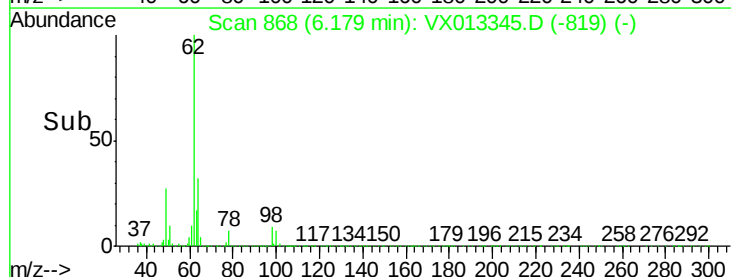
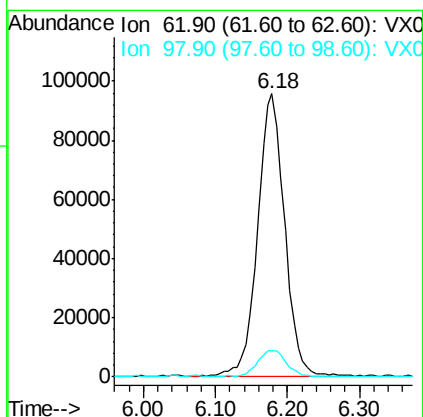
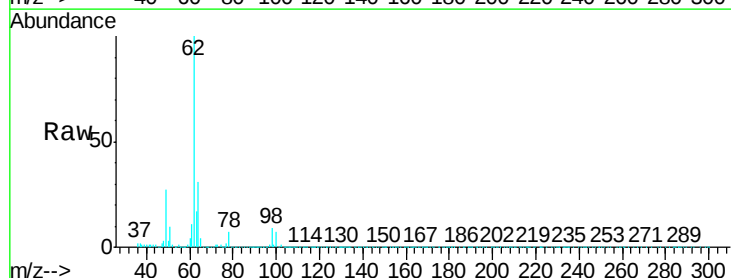
RT: 6.18 min Scan# 868

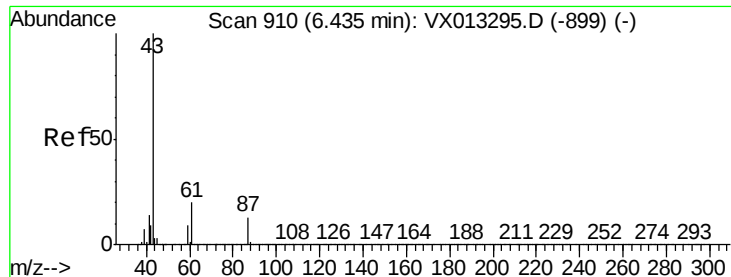
Delta R.T. -0.00 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.4





#43

Isopropyl Acetate

Concen: 20.886 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Instrument :

MSVOA_X

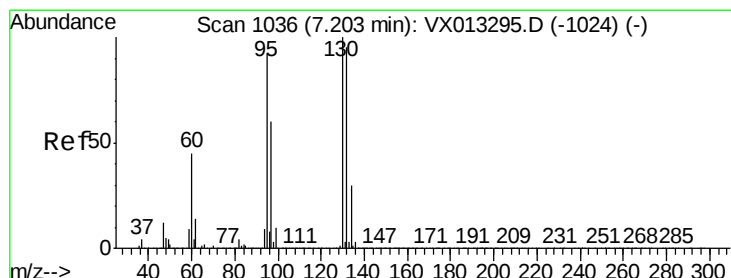
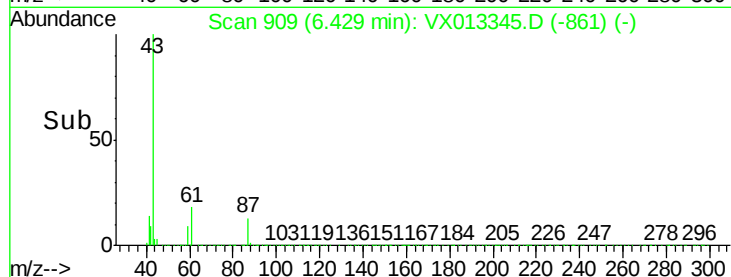
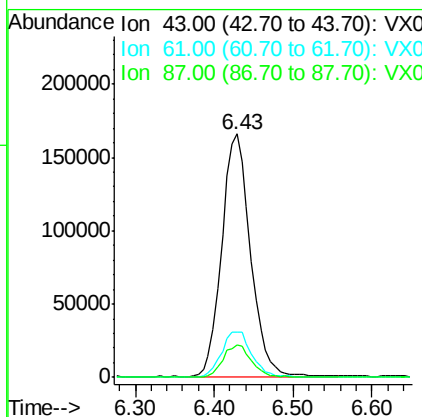
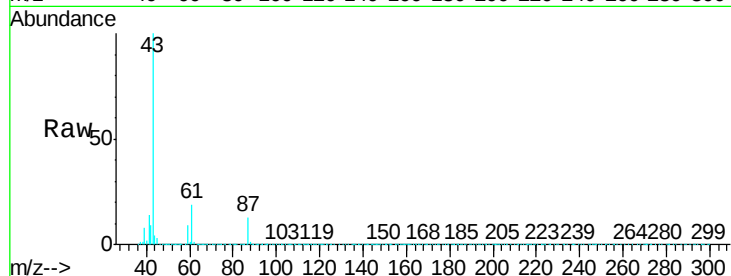
ClientSampleId :

VX1107WBS01

Tgt Ion:	43	Resp:	419491
Ion Ratio		Lower	Upper
43	100		
61	19.4	15.8	23.8
87	13.1	10.4	15.6

Manual Integrations
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#44

Trichloroethene

Concen: 20.598 ug/l

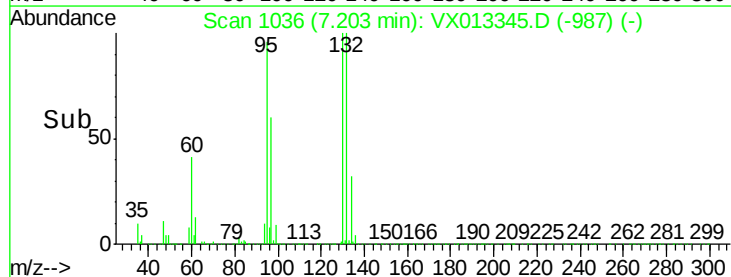
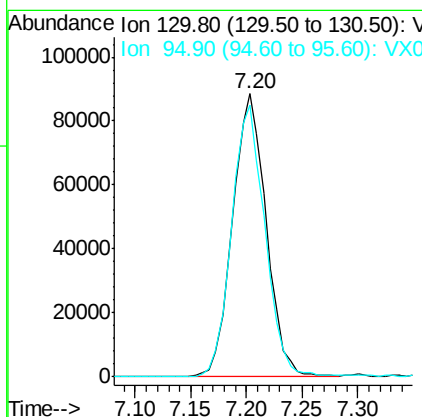
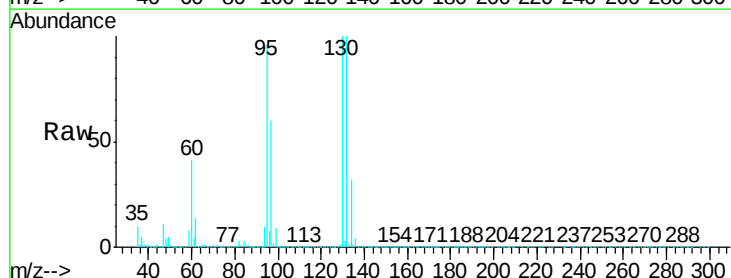
RT: 7.20 min Scan# 1036

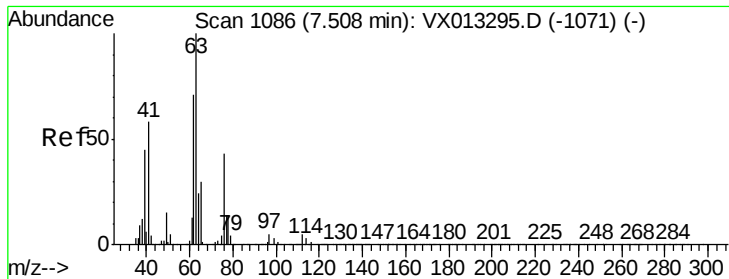
Delta R.T. -0.00 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Tgt Ion:	130	Resp:	184359
Ion Ratio		Lower	Upper
130	100		
95	95.9	0.0	184.8





#45

1,2-Dichloropropane

Concen: 21.695 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBS01

Tgt Ion: 63 Resp: 179742

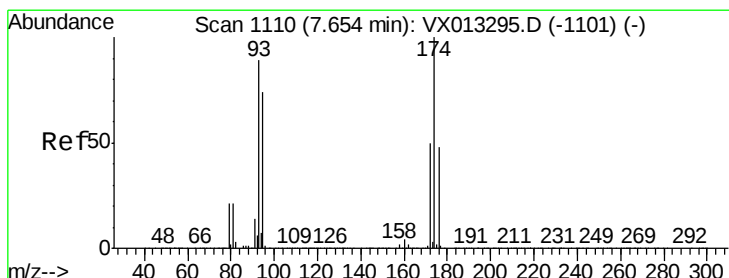
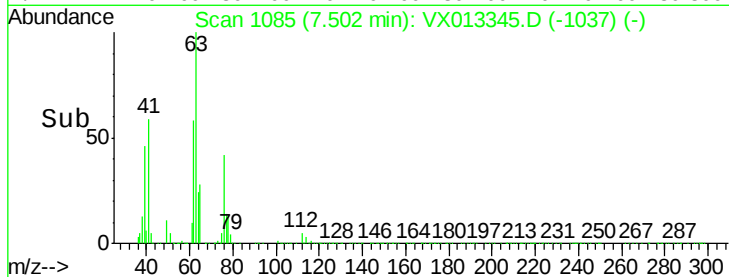
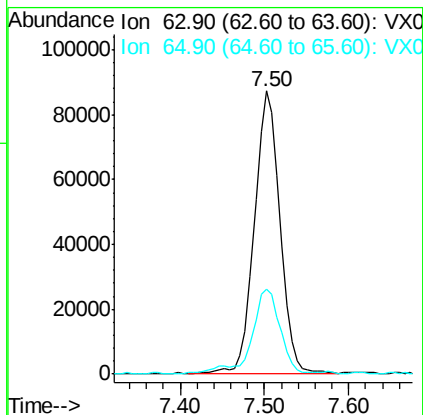
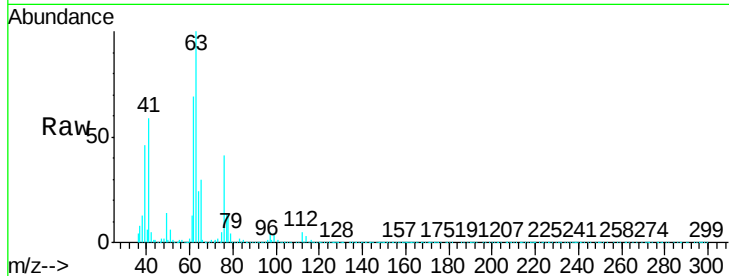
Ion Ratio Lower Upper

63 100

65 29.9 24.3 36.5

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#46

Dibromomethane

Concen: 20.655 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

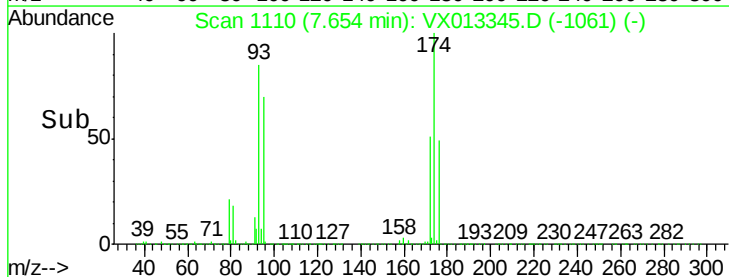
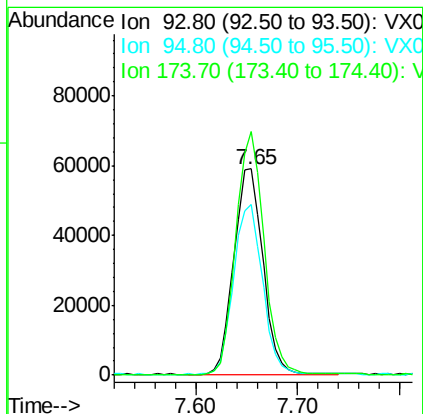
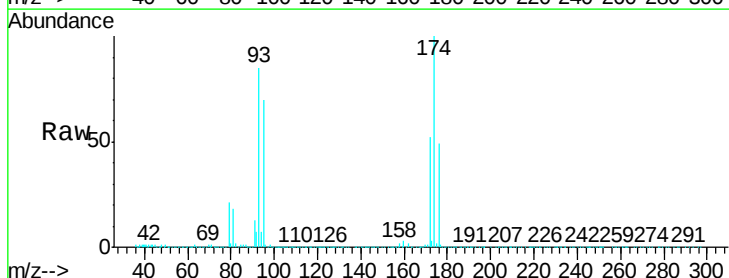
Tgt Ion: 93 Resp: 116837

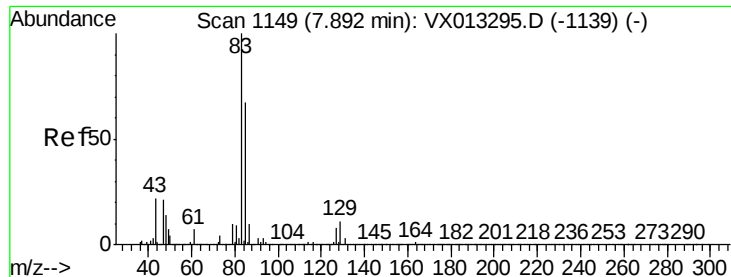
Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.6

174 113.9 90.4 135.6





#47

Bromodichloromethane

Concen: 21.735 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Instrument :

MSVOA_X

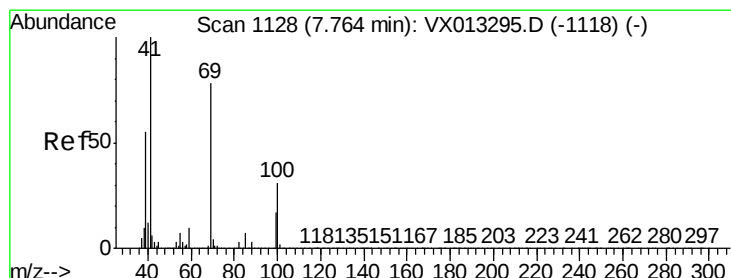
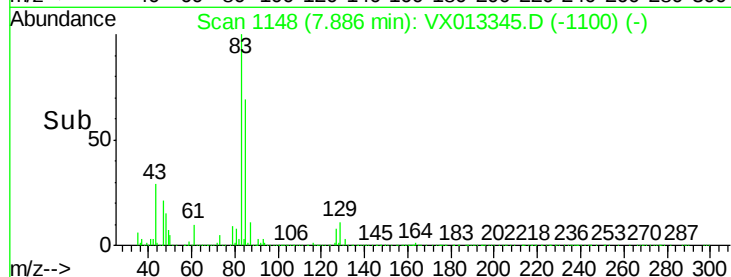
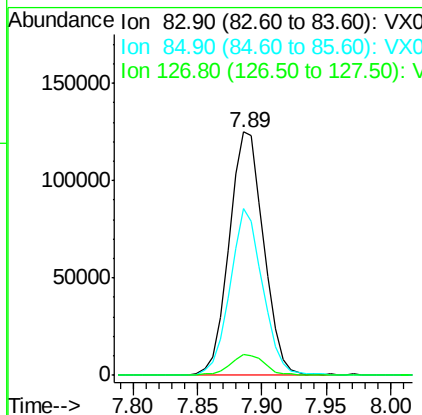
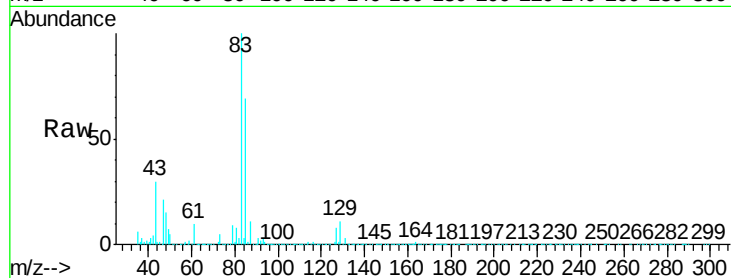
ClientSampleId :

VX1107WBS01

Tgt Ion:	83	Resp:	231842
Ion Ratio	Lower	Upper	
83	100		
85	68.5	53.7	80.5
127	8.3	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.937 ug/l

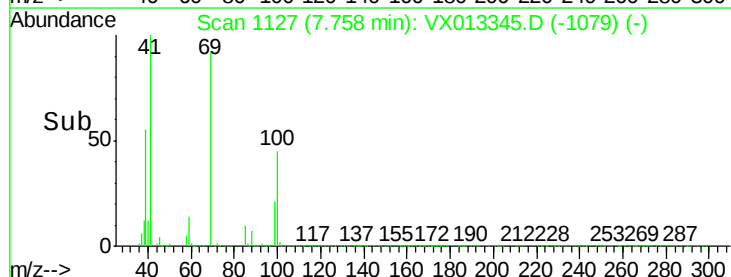
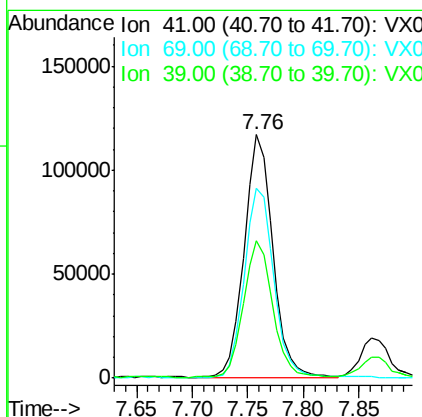
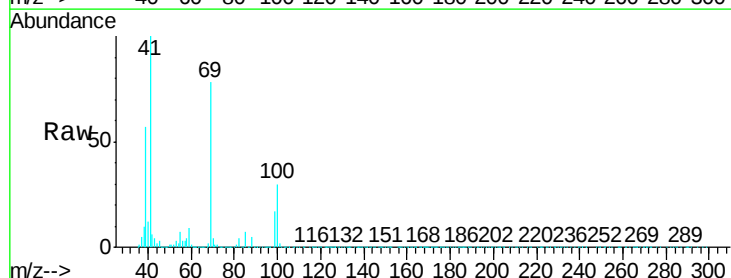
RT: 7.76 min Scan# 1127

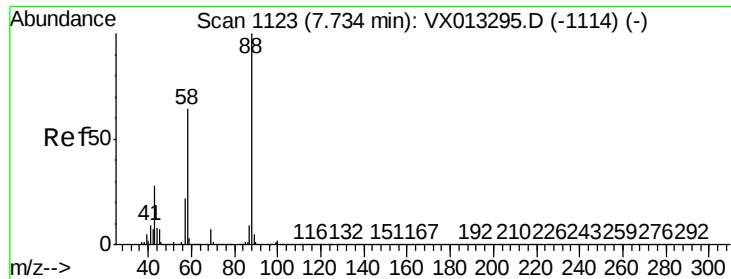
Delta R.T. -0.01 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Tgt Ion:	41	Resp:	209916
Ion Ratio	Lower	Upper	
41	100		
69	80.4	63.0	94.6
39	56.9	45.9	68.9





#49

1,4-Dioxane

Concen: 379.526 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Instrument :

MSVOA_X

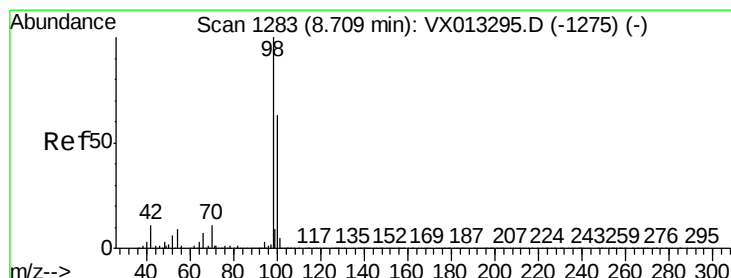
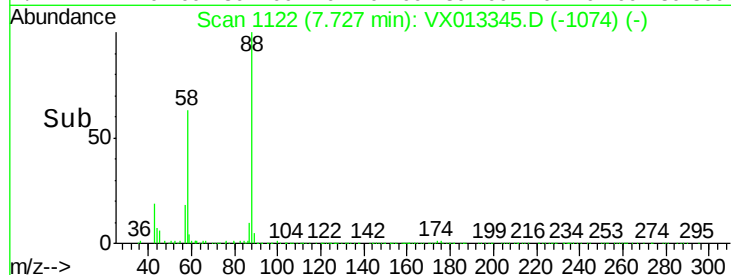
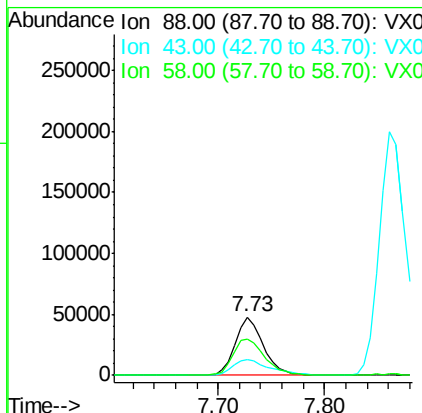
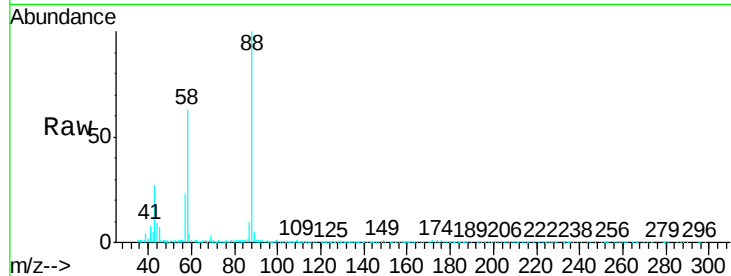
ClientSampleId :

VX1107WBS01

Tgt Ion:	88	Resp:	87142
Ion	Ratio	Lower	Upper
88	100		
43	32.8	26.6	39.8
58	70.4	55.0	82.6

Manual Integrations
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#50

Toluene-d8

Concen: 54.156 ug/l

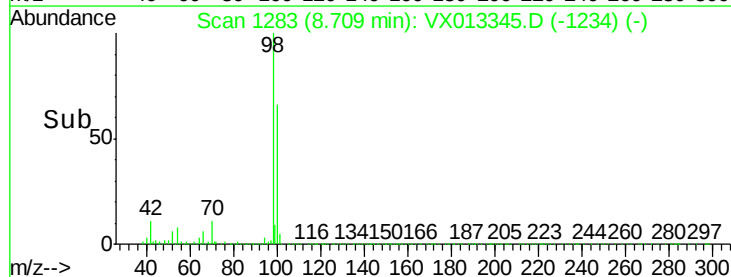
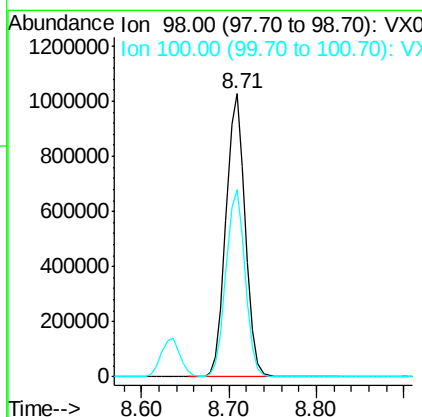
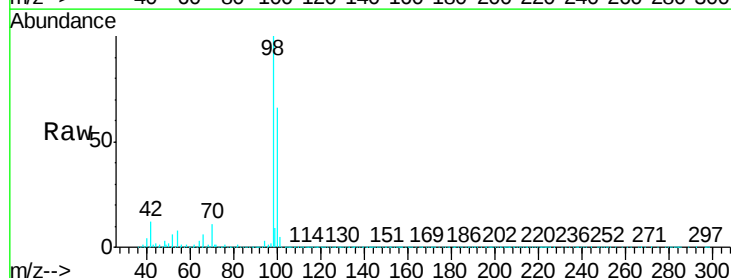
RT: 8.71 min Scan# 1283

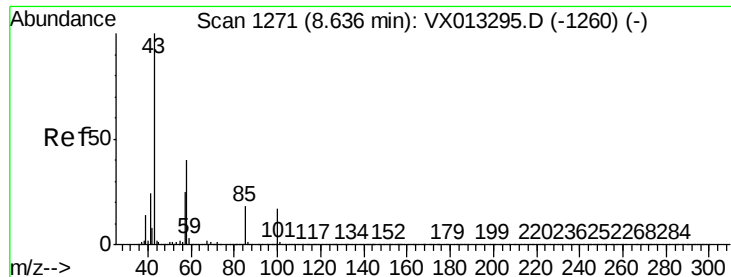
Delta R.T. -0.00 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Tgt Ion:	98	Resp:	1558129
Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.2	78.2





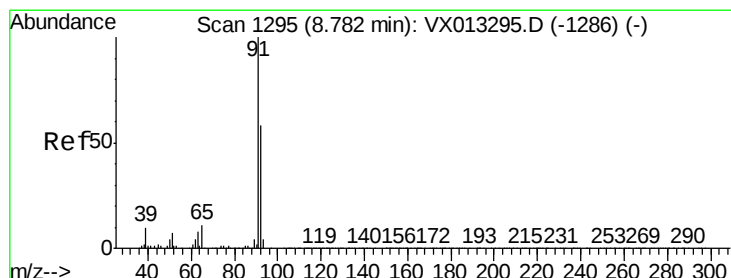
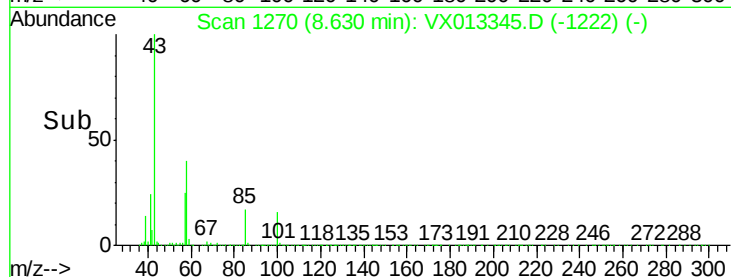
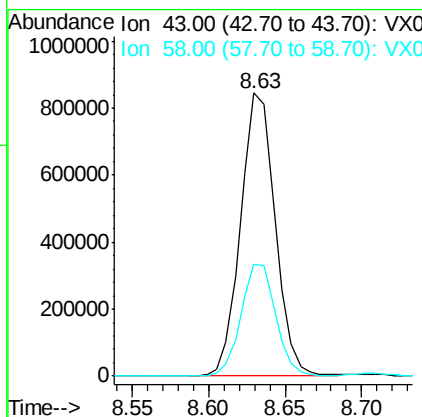
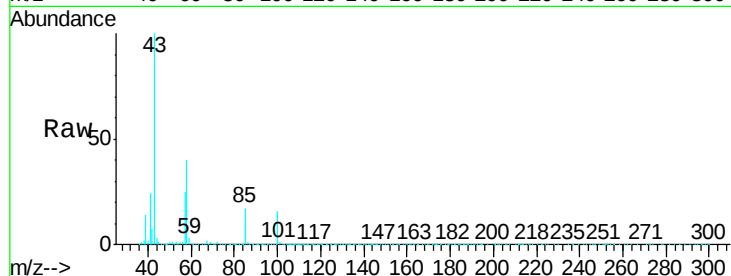
#51
4-Methyl-2-Pentanone
Concen: 100.740 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tgt Ion: 43 Resp: 1327514
Ion Ratio Lower Upper
43 100
58 39.8 31.4 47.0

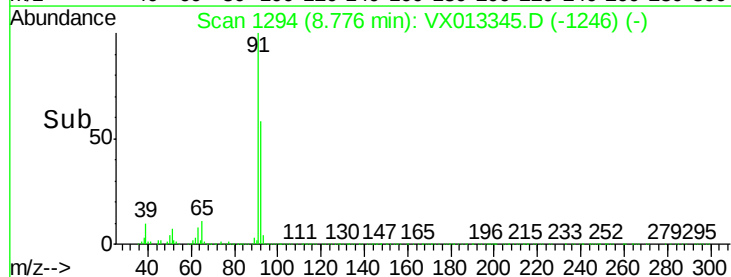
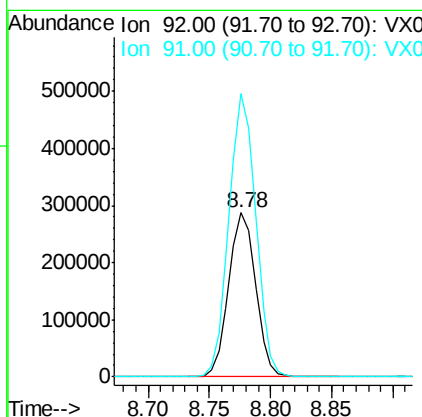
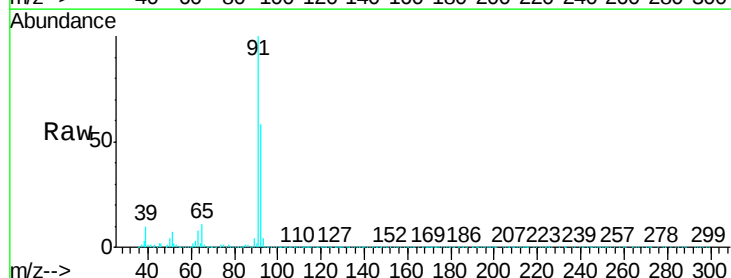
Manual Integrations
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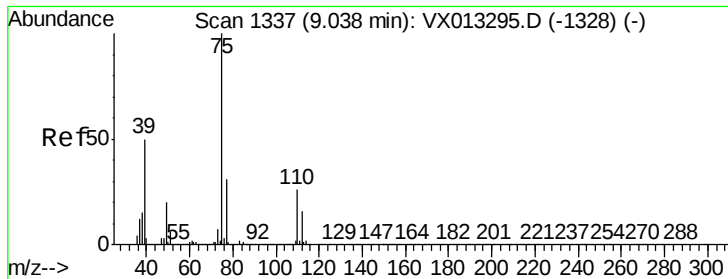
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#52
Toluene
Concen: 21.752 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Tgt Ion: 92 Resp: 438362
Ion Ratio Lower Upper
92 100
91 171.6 138.0 207.0





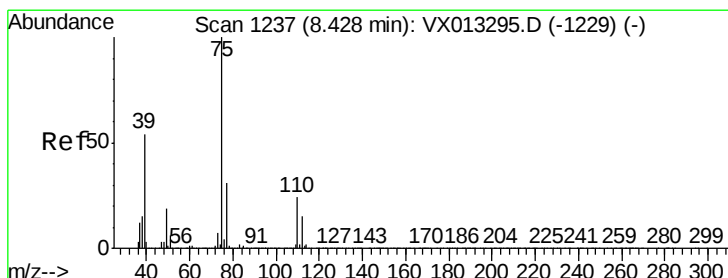
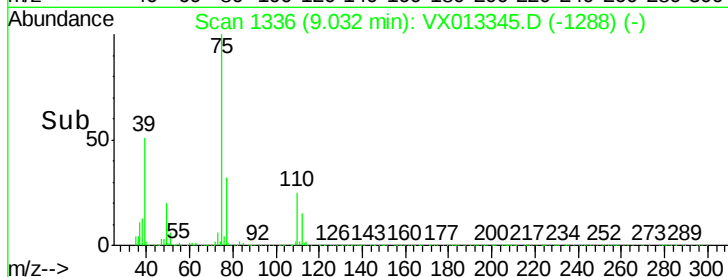
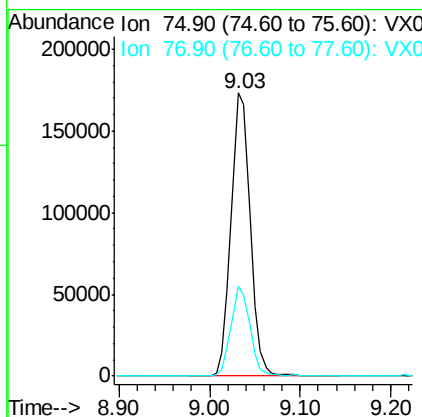
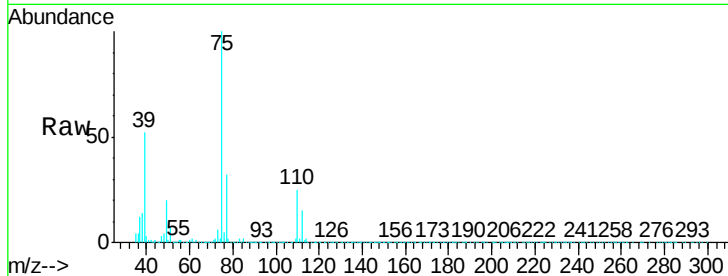
#53
t-1,3-Dichloropropene
Concen: 21.895 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tgt Ion: 75 Resp: 255389
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4

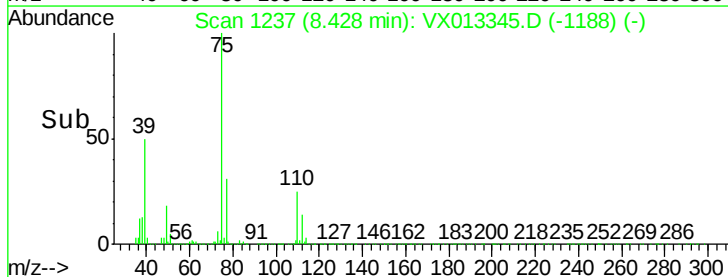
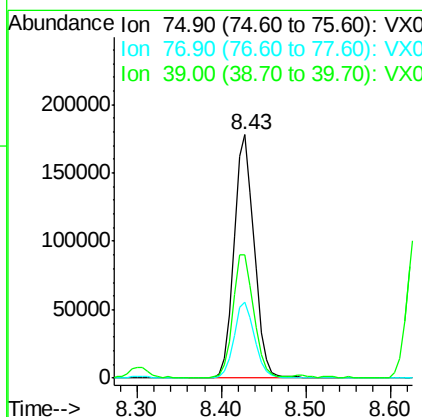
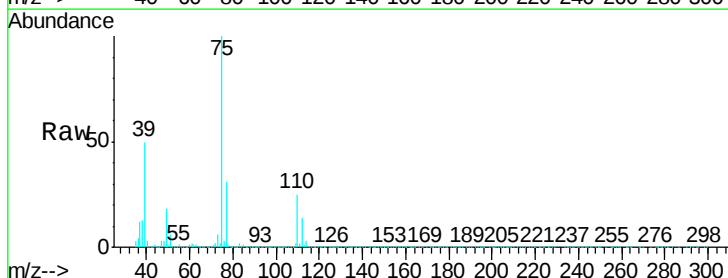
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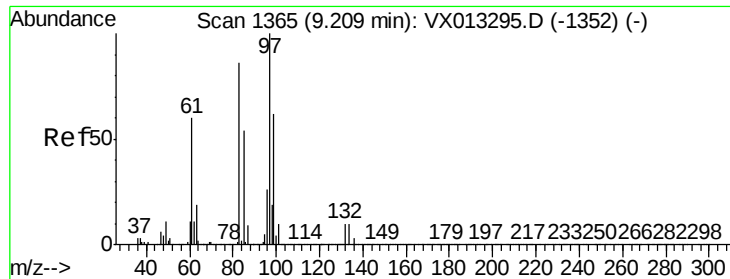
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#54
cis-1,3-Dichloropropene
Concen: 22.047 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Tgt Ion: 75 Resp: 287662
Ion Ratio Lower Upper
75 100
77 31.1 24.7 37.1
39 50.3 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 21.344 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Instrument :

MSVOA_X

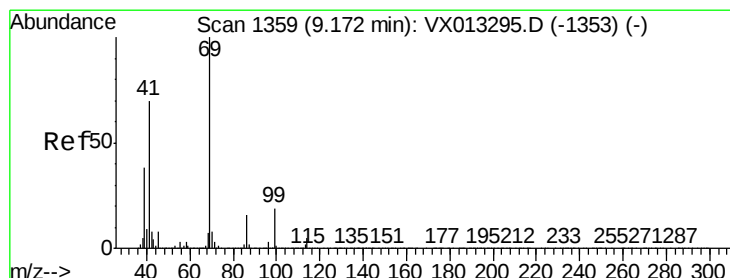
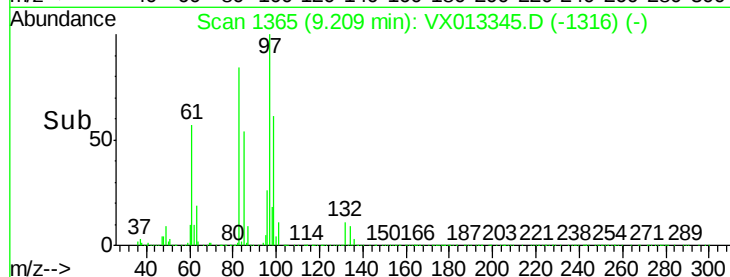
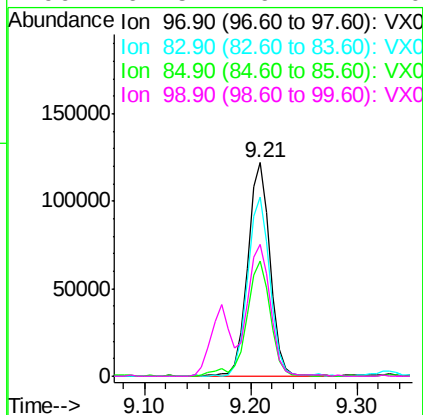
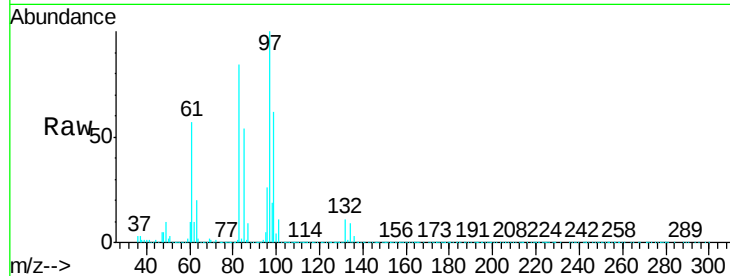
ClientSampleId :

VX1107WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	178290		
83	83.8	68.6	103.0	
85	53.8	43.1	64.7	
99	61.5	49.4	74.0	

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#56

Ethyl methacrylate

Concen: 20.718 ug/l

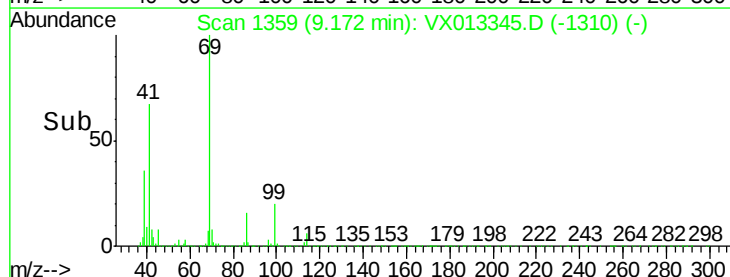
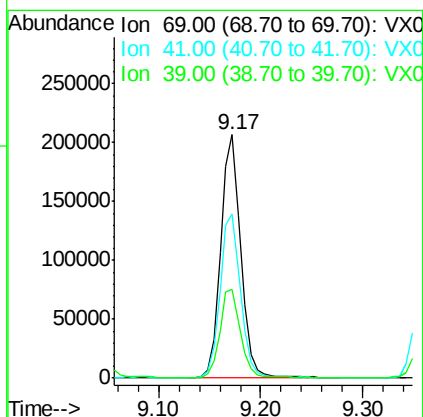
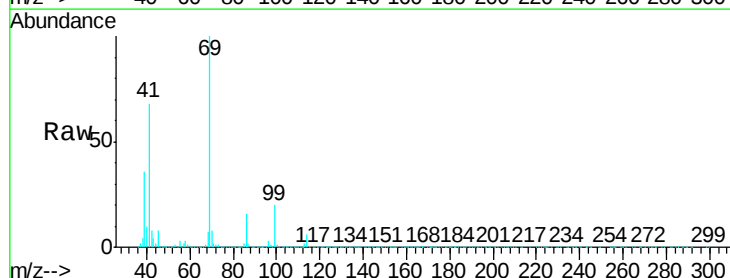
RT: 9.17 min Scan# 1359

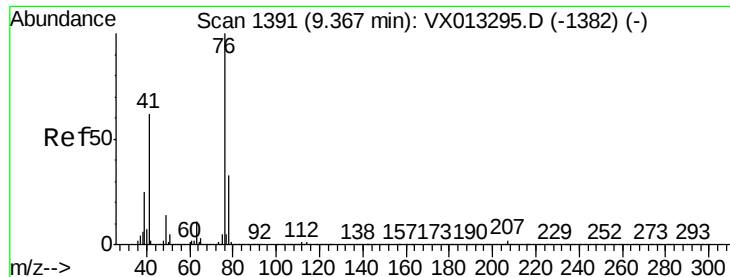
Delta R.T. 0.00 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	281972		
41	69.2	56.2	84.2	
39	37.2	31.1	46.7	





#57

1,3-Dichloropropane

Concen: 21.287 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBS01

Tgt Ion: 76 Resp: 301849

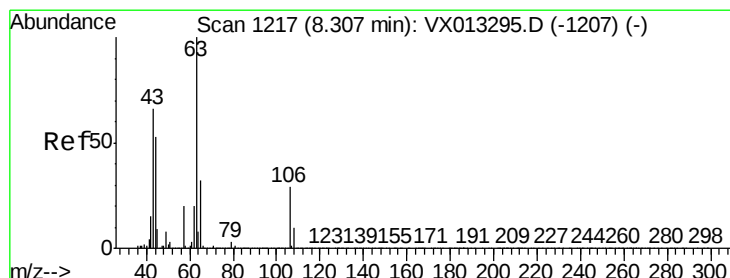
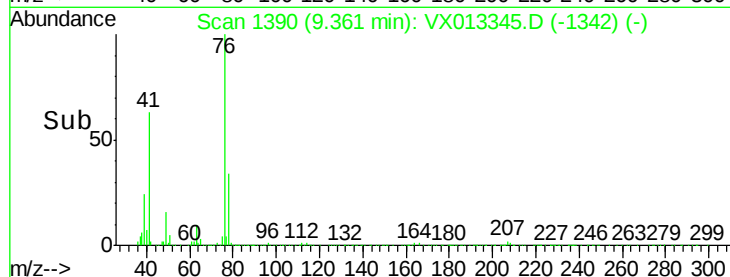
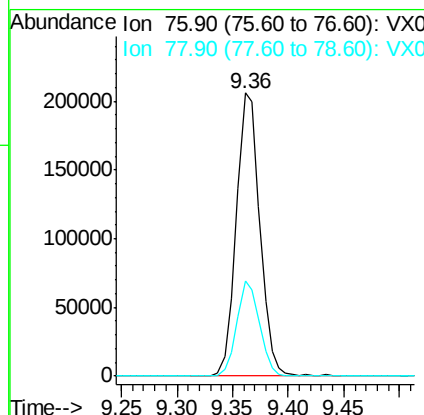
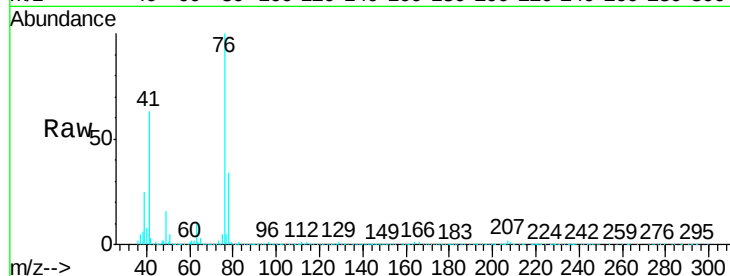
Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 105.407 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013345.D

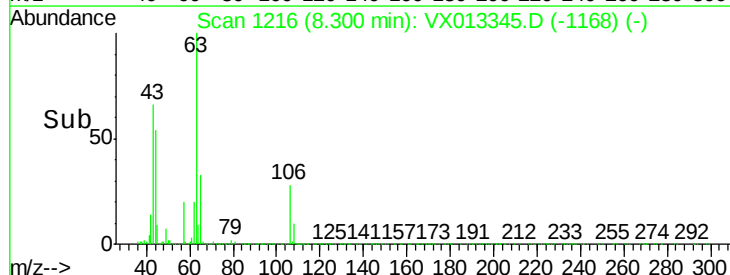
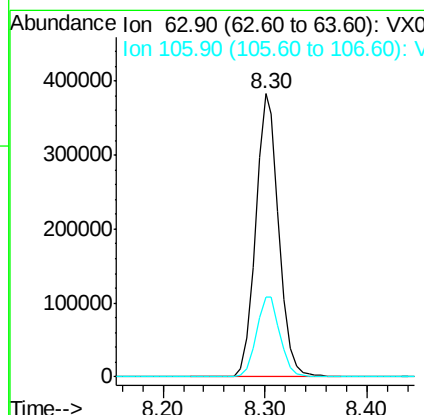
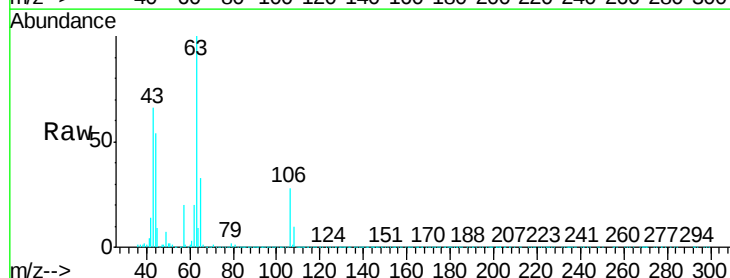
Acq: 07 Nov 2019 11:44

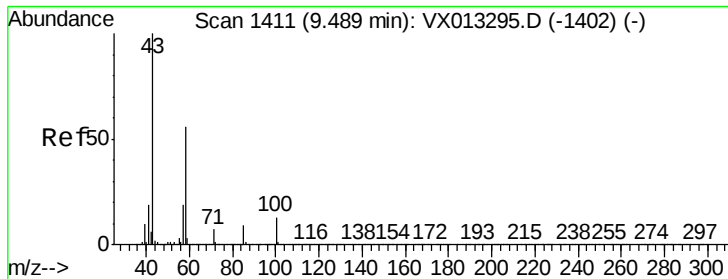
Tgt Ion: 63 Resp: 602028

Ion Ratio Lower Upper

63 100

106 28.8 23.4 35.2





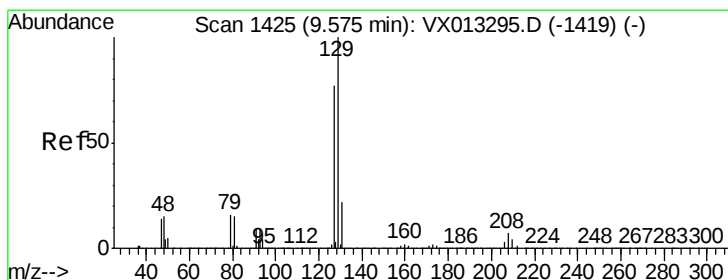
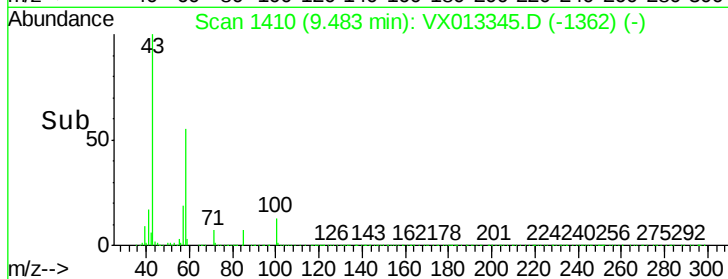
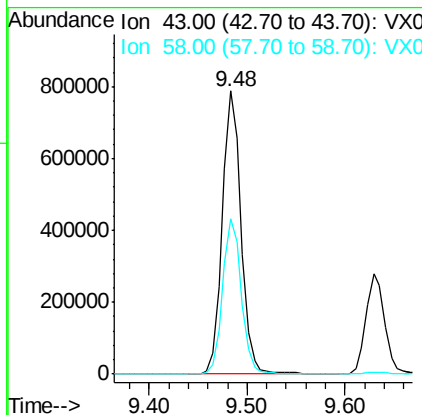
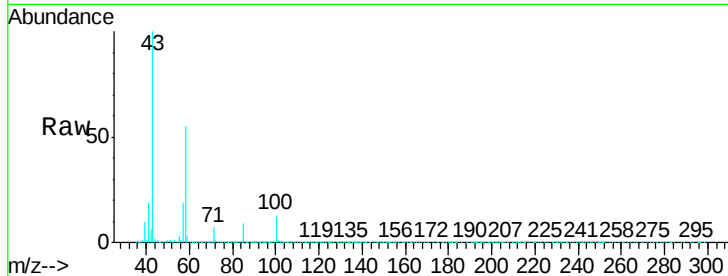
#59
2-Hexanone
Concen: 102.730 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tgt Ion: 43 Resp: 1046133
Ion Ratio Lower Upper
43 100
58 54.8 27.3 81.8

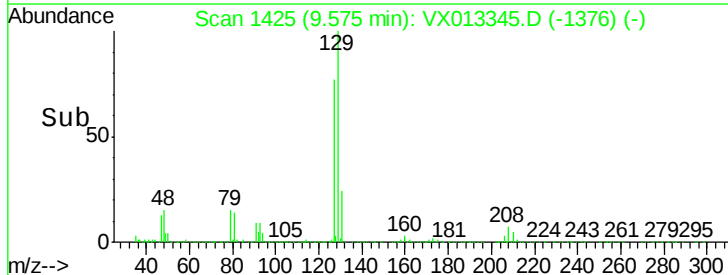
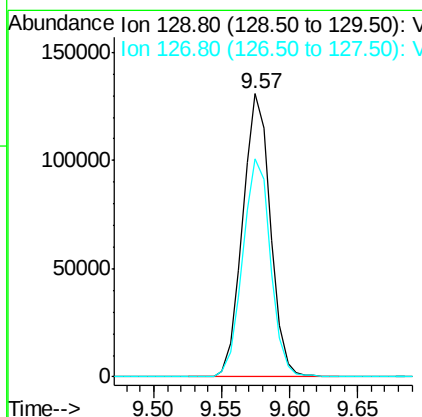
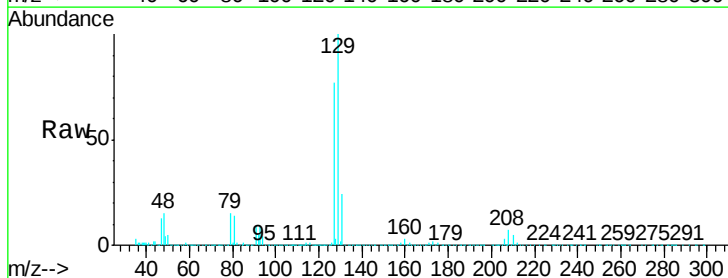
Manual Integrations
APPROVED

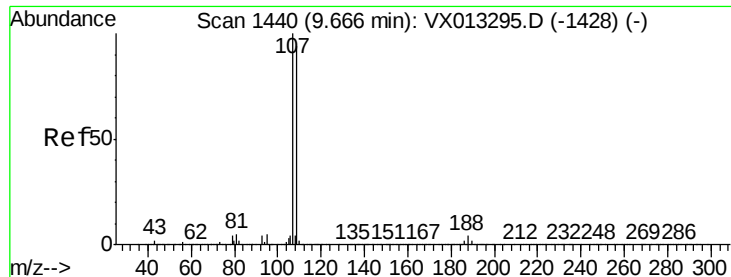
MMDadoda
11/8/2019 9:33:08 AM



#60
Dibromochloromethane
Concen: 21.833 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Tgt Ion: 129 Resp: 186522
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2





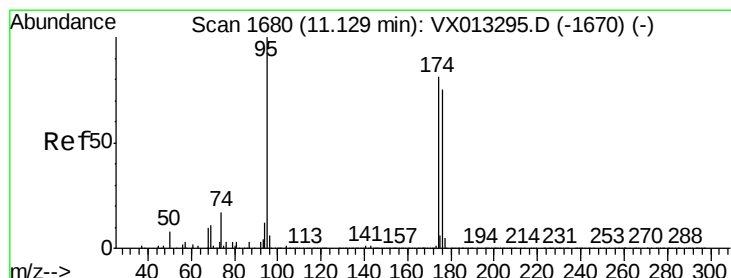
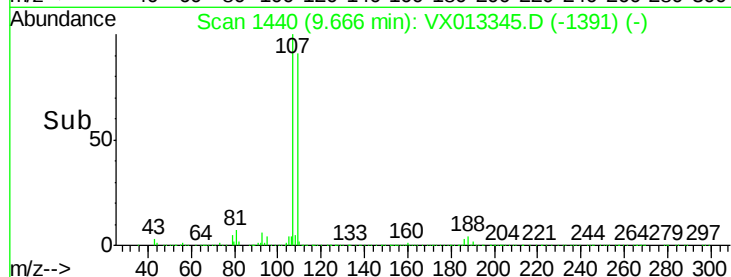
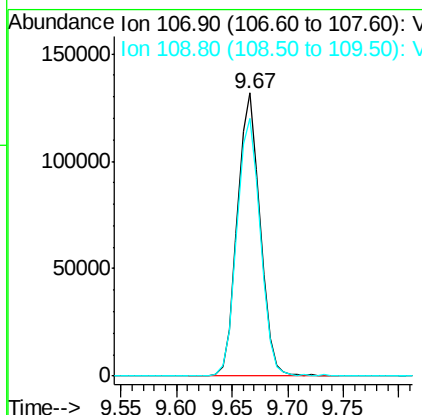
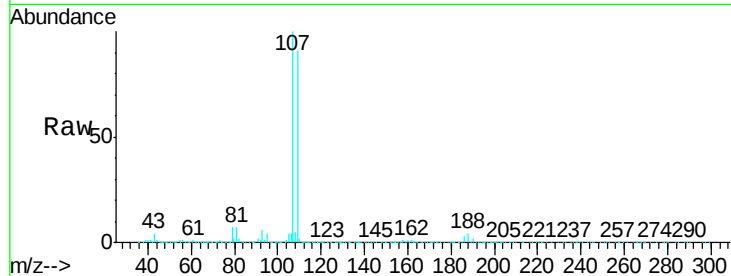
#61
 1,2-Dibromoethane
 Concen: 20.954 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013345.D
 Acq: 07 Nov 2019 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	185863		
109	94.2	75.1	112.7	

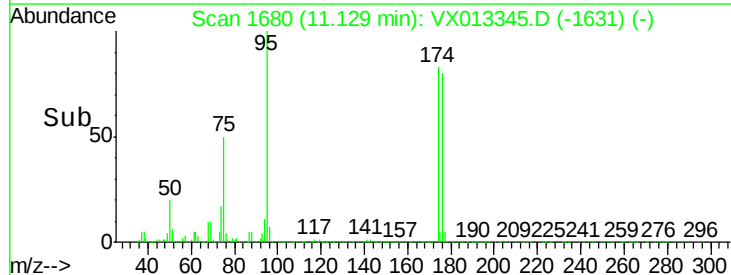
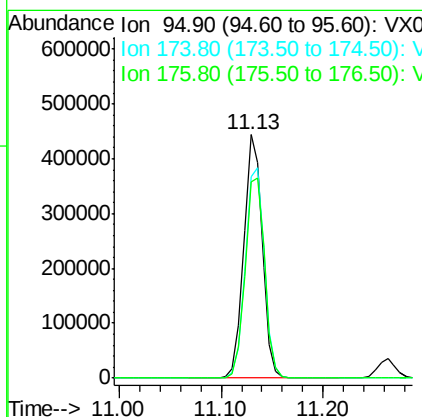
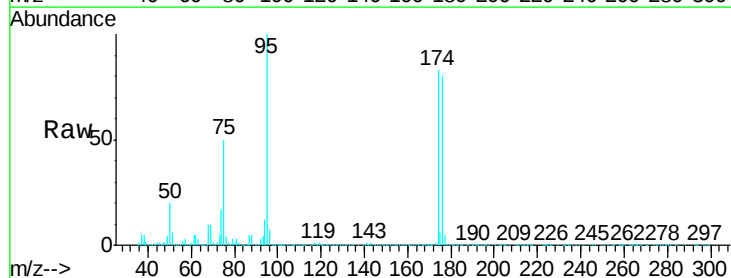
Manual Integrations
 APPROVED

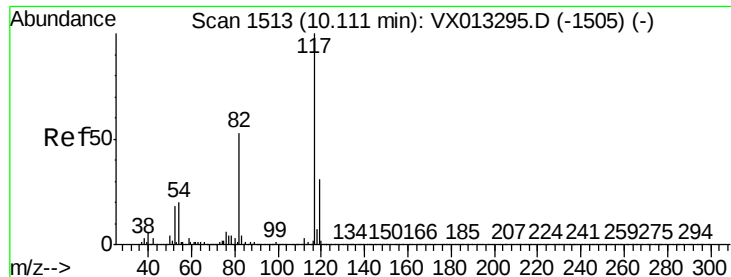
MMDadoda
 11/8/2019 9:33:08 AM



#62
 4-Bromofluorobenzene
 Concen: 52.973 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX013345.D
 Acq: 07 Nov 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	550056		
174	89.9	0.0	179.8	
176	88.0	0.0	173.0	





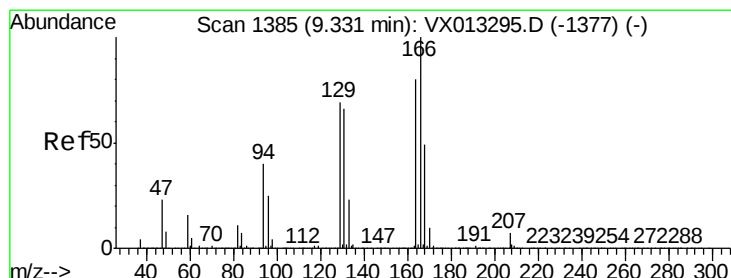
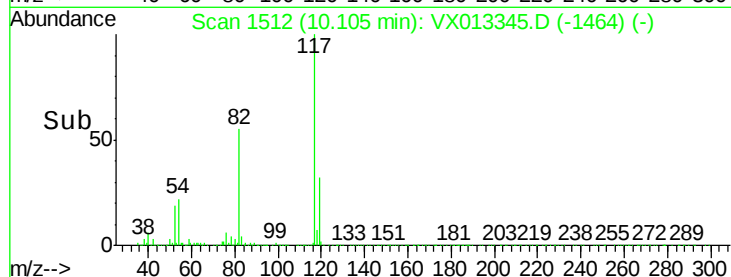
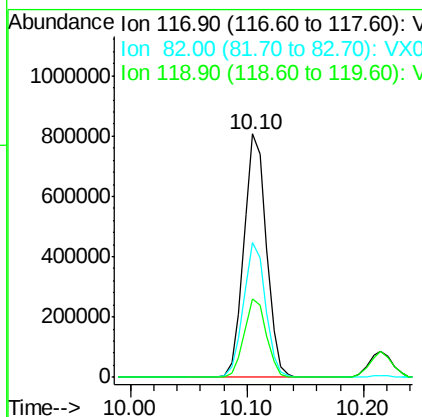
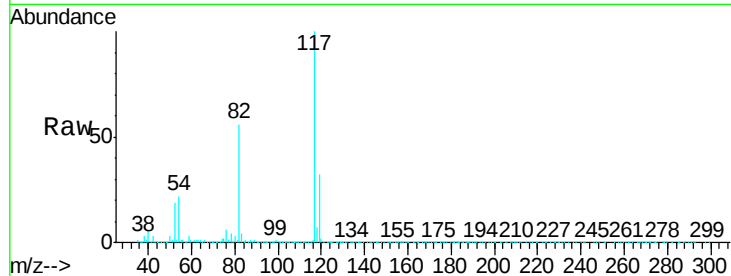
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.5	42.6	64.0
119	32.1	24.8	37.2

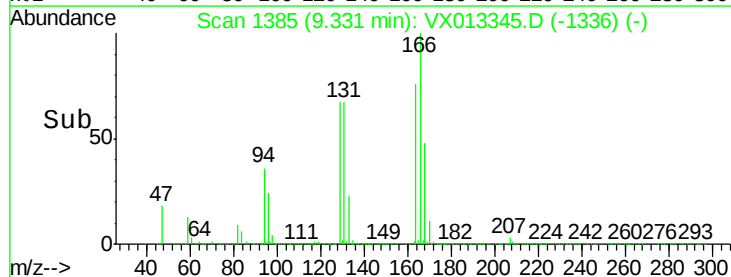
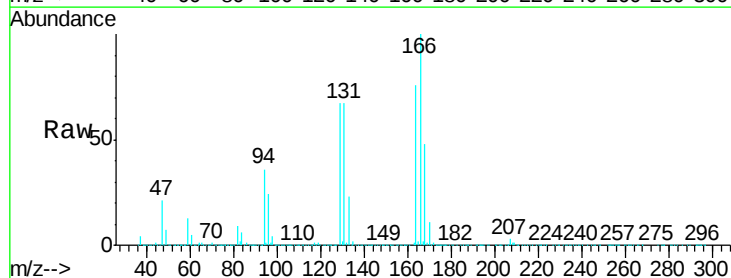
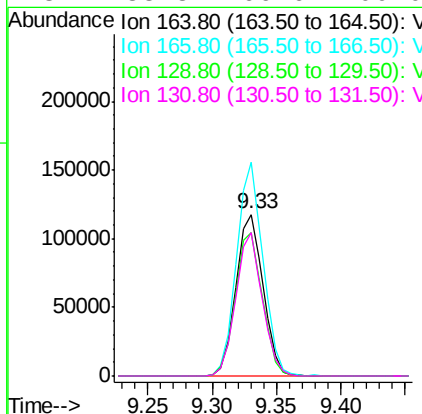
Manual Integrations
APPROVED

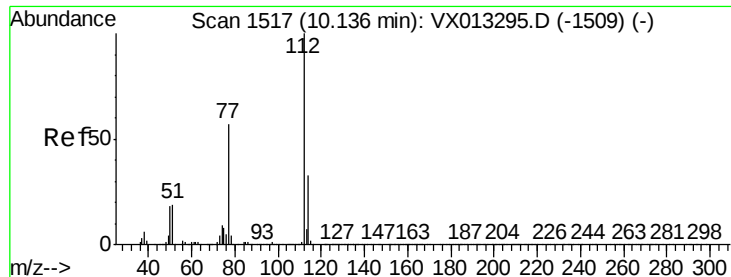
MMDadoda
11/8/2019 9:33:08 AM



#64
Tetrachloroethene
Concen: 22.055 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.2	100.4	150.6
129	88.8	69.4	104.2
131	88.8	66.6	100.0





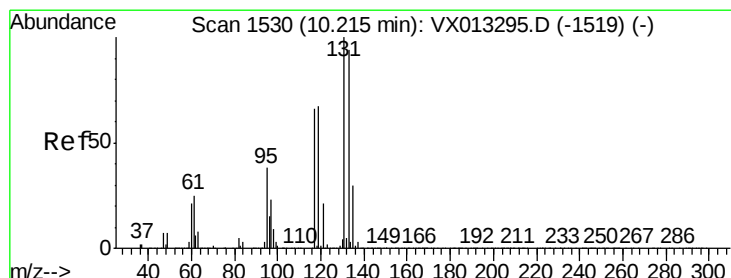
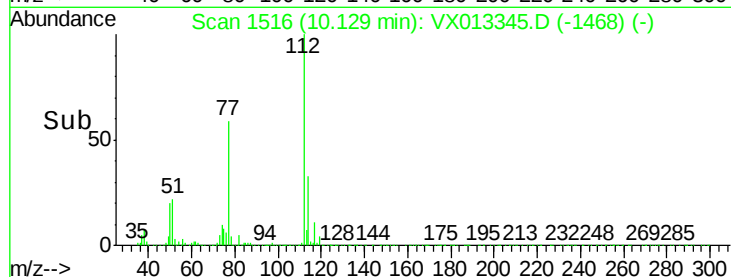
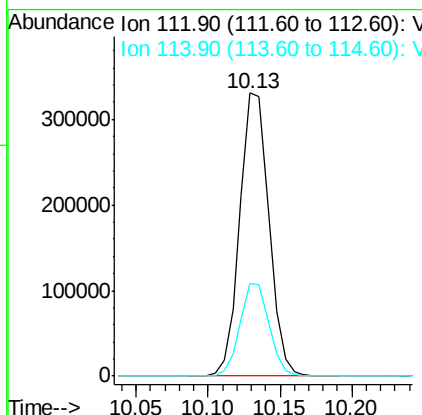
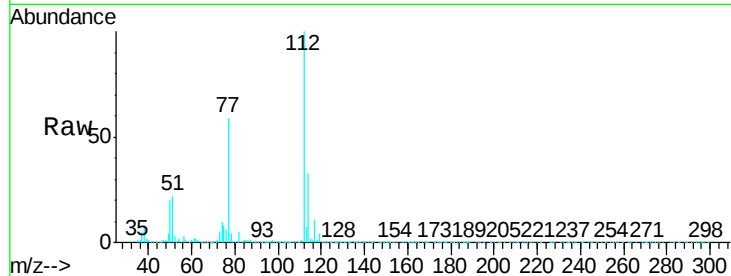
#65
Chlorobenzene
Concen: 21.166 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	467784		
114	32.6	26.4	39.6	

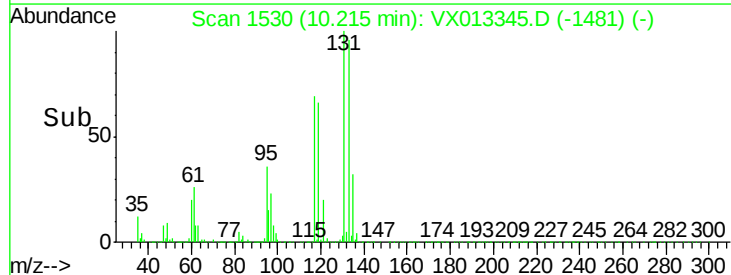
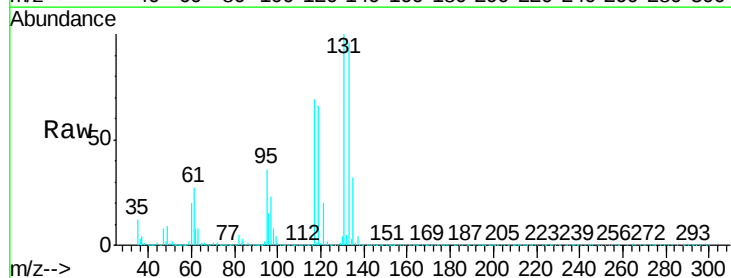
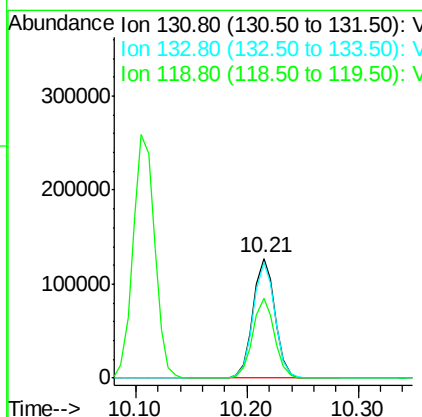
Manual Integrations
APPROVED

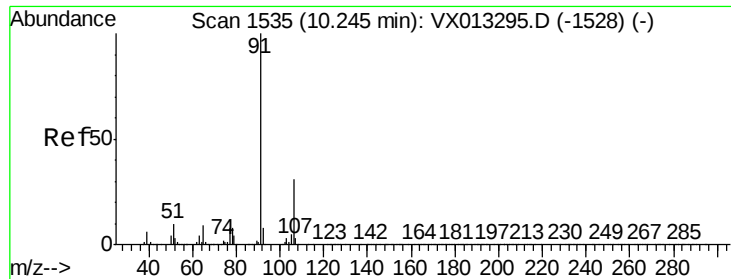
MMDadoda
11/8/2019 9:33:08 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.602 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	175293		
133	96.1	48.0	144.0	
119	65.2	33.0	99.0	





#67

Ethyl Benzene

Concen: 21.919 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBS01

Tgt Ion: 91 Resp: 836063

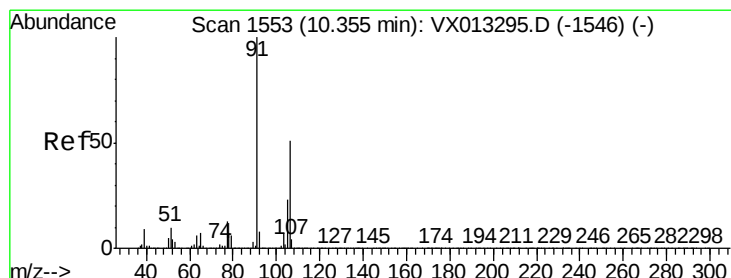
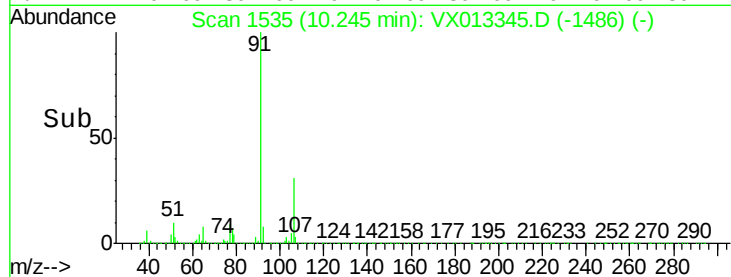
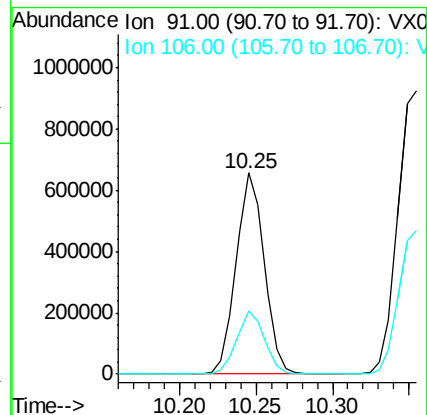
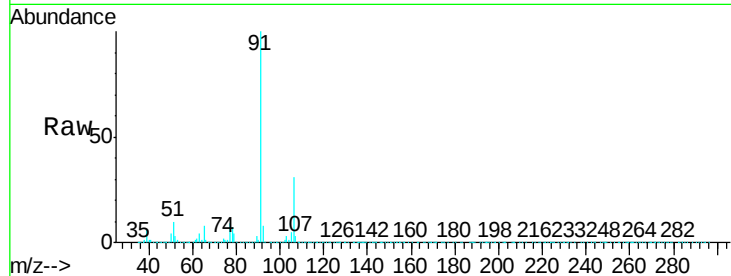
Ion Ratio Lower Upper

91 100

106 31.3 24.6 36.8

Manual Integrations
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#68

m/p-Xylenes

Concen: 44.018 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013345.D

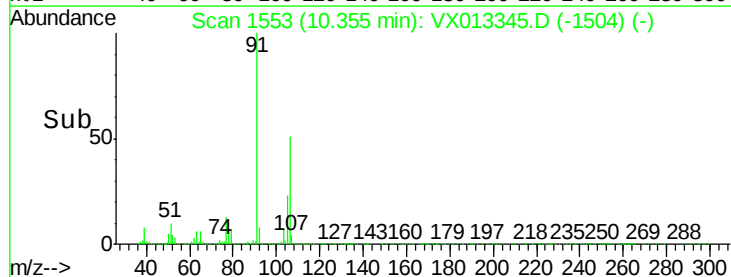
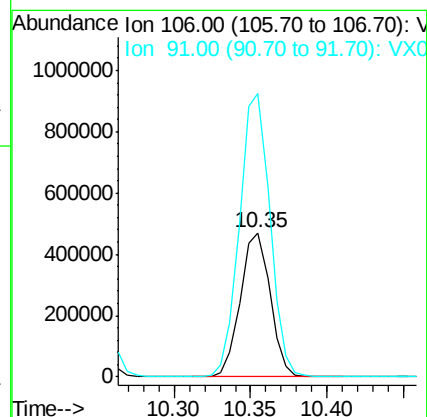
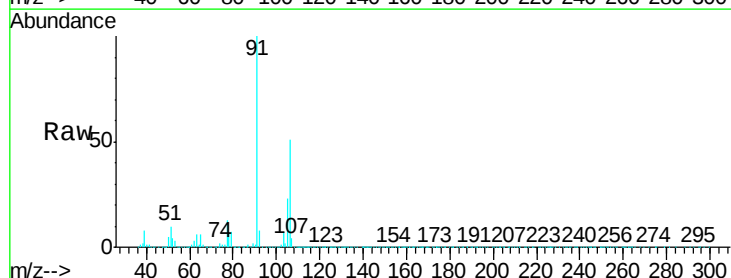
Acq: 07 Nov 2019 11:44

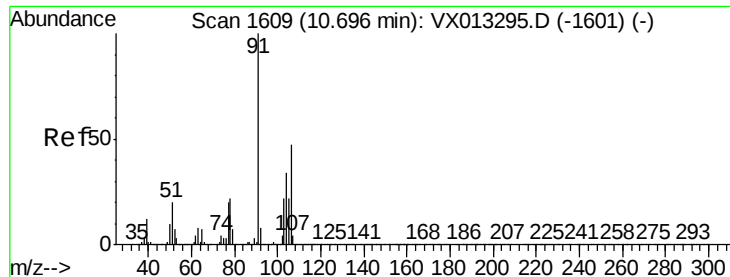
Tgt Ion: 106 Resp: 634972

Ion Ratio Lower Upper

106 100

91 201.2 159.3 238.9





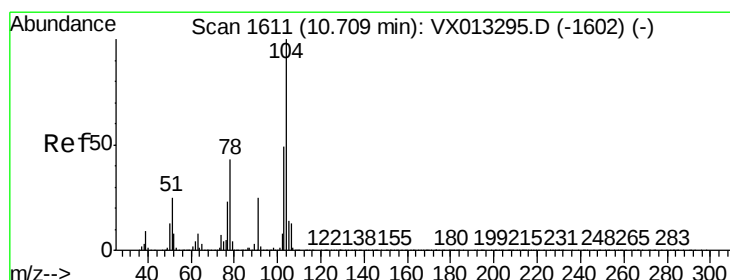
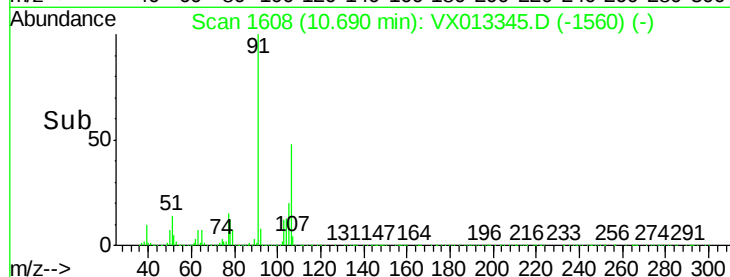
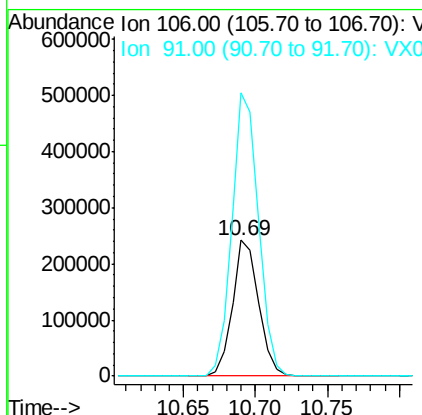
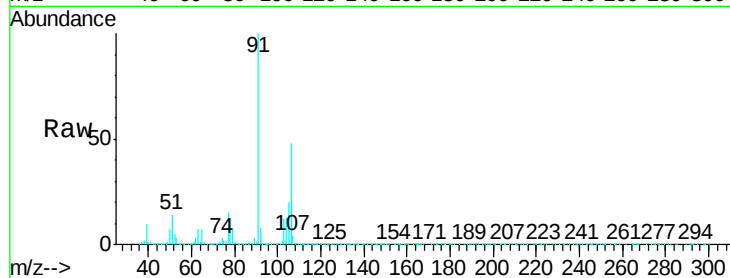
#69
o-Xylene
Concen: 21.747 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	307137		
91	212.8	105.7	317.0	

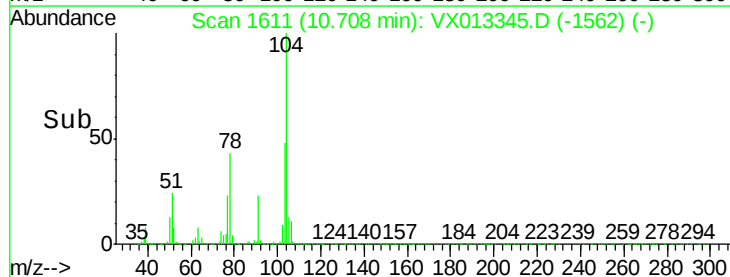
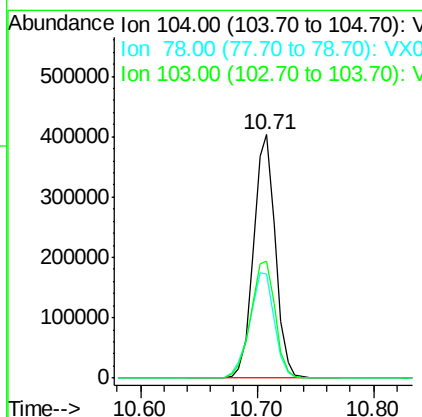
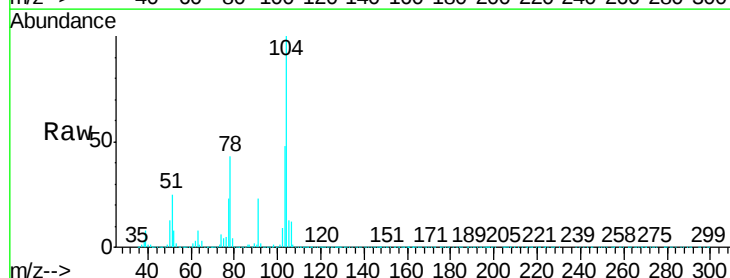
Manual Integrations
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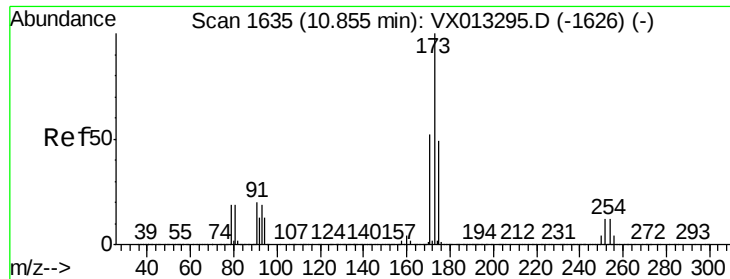
MMDadoda
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#70
Styrene
Concen: 22.288 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	526173		
78	49.1	40.0	60.0	
103	54.1	44.1	66.1	





#71

Bromoform

Concen: 20.723 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBS01

Tgt Ion:173 Resp: 140843
Ion Ratio Lower Upper

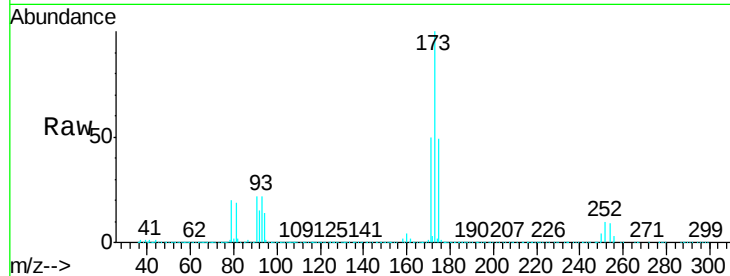
173 100

175 49.2 24.8 74.4

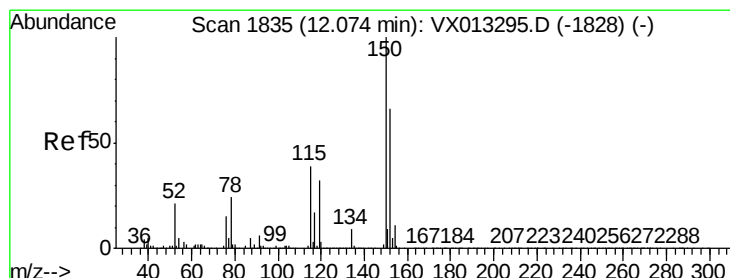
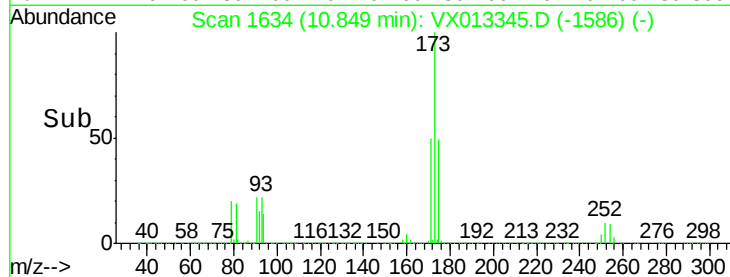
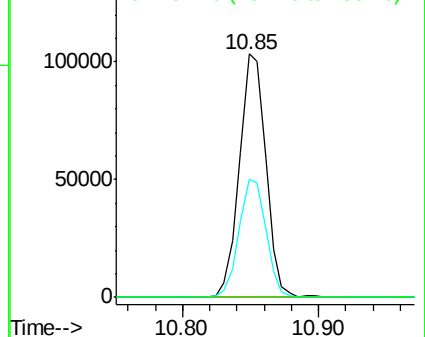
254 0.1 0.2 0.2#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013345.D

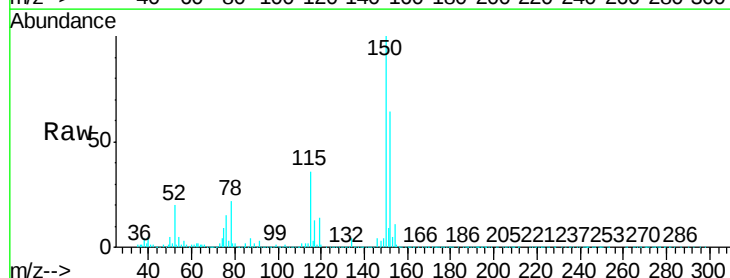
Acq: 07 Nov 2019 11:44

Tgt Ion:152 Resp: 549865
Ion Ratio Lower Upper

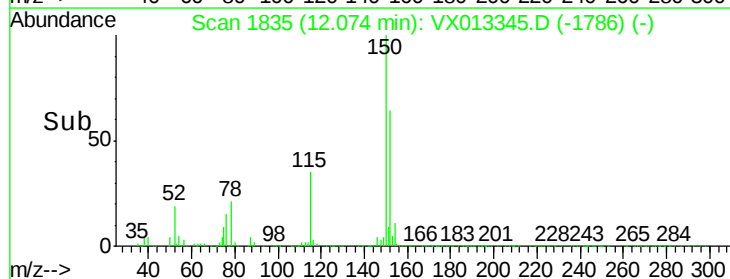
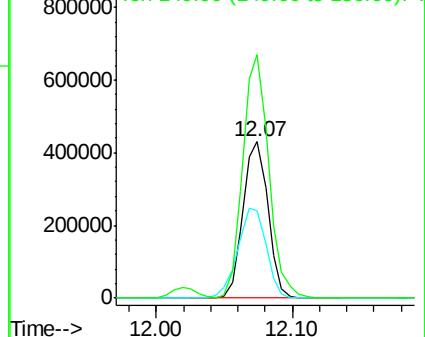
152 100

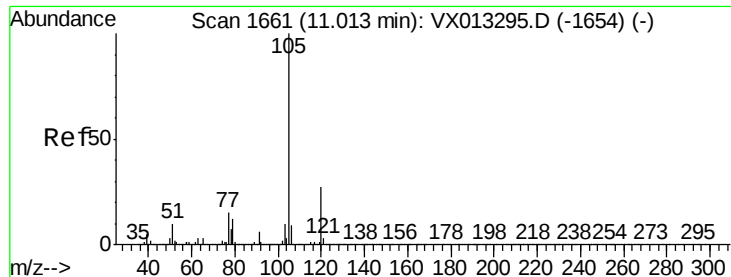
115 65.4 39.5 118.3

150 162.3 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.860 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBS01

Tgt Ion: 105 Resp: 833418

Ion Ratio Lower Upper

105 100

120 27.0

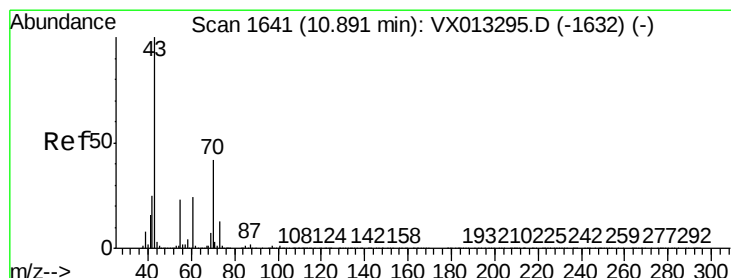
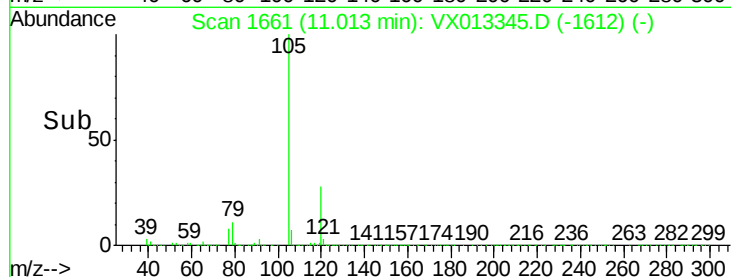
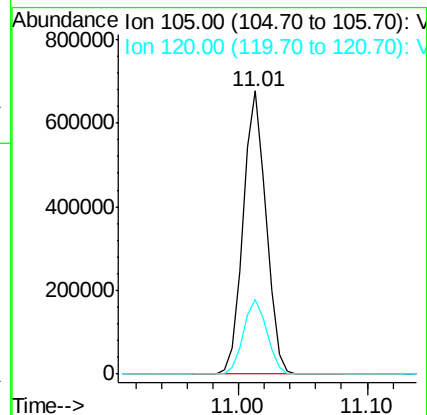
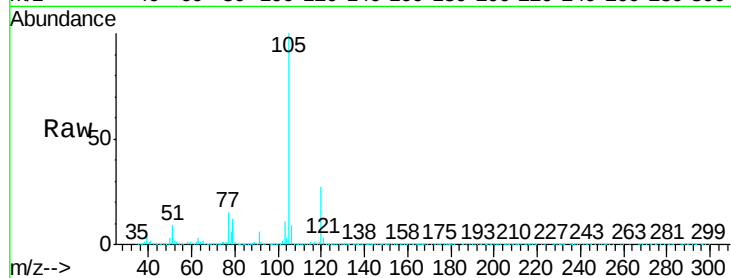
13.5

40.5

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#74

N-ethyl acetate

Concen: 22.144 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Tgt Ion: 43 Resp: 374371

Ion Ratio Lower Upper

43 100

70 42.6

34.1

51.1

55 23.9

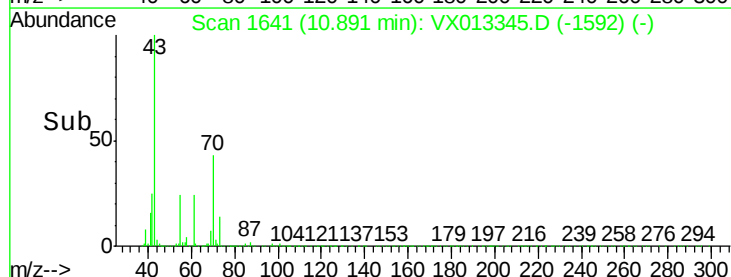
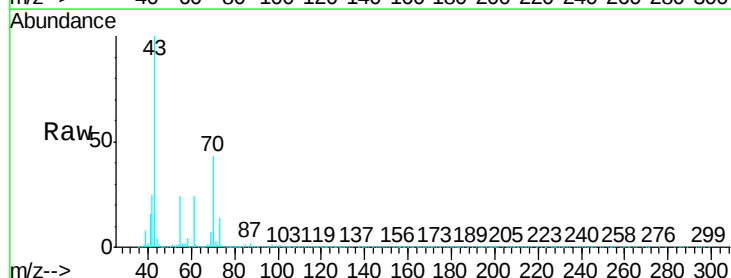
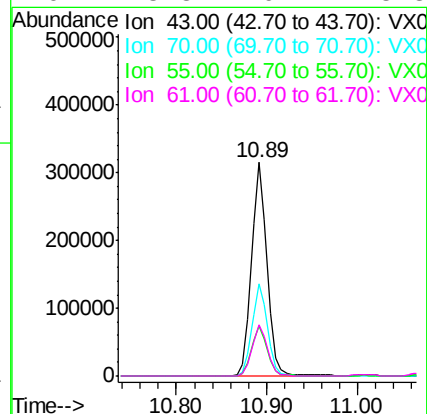
18.9

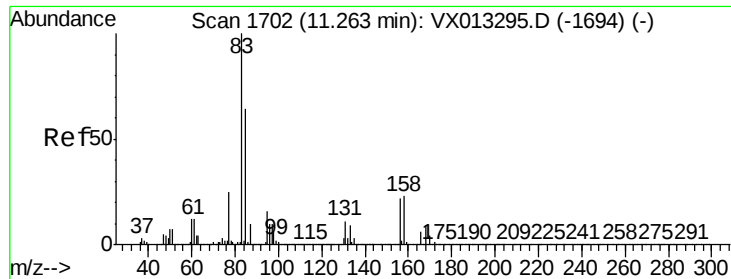
28.3

61 23.8

19.2

28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.238 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Instrument :

MSVOA_X

ClientSampleId :

VX1107WBS01

Tgt Ion: 83 Resp: 282469

Ion Ratio Lower Upper

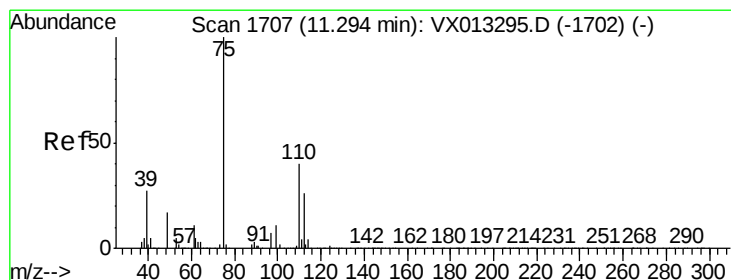
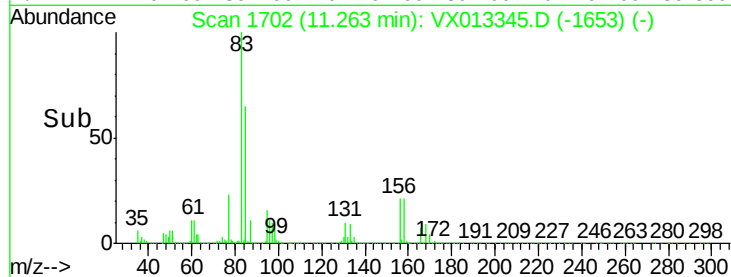
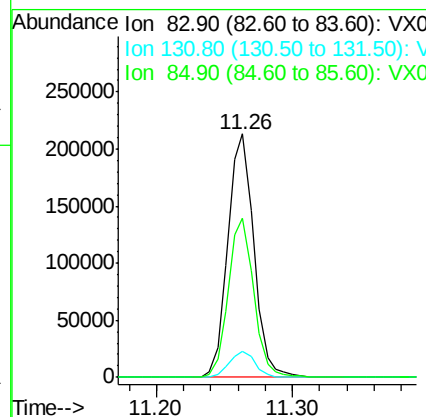
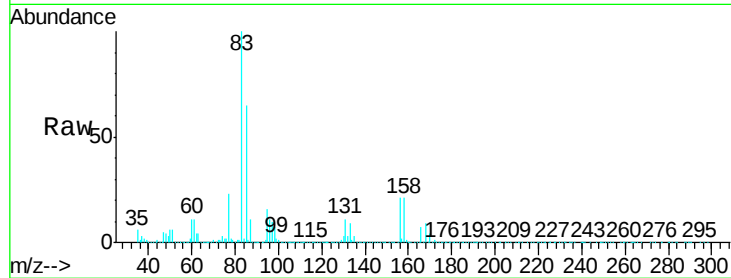
83 100

131 10.6 5.1 15.3

85 64.1 32.3 96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.486 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013345.D

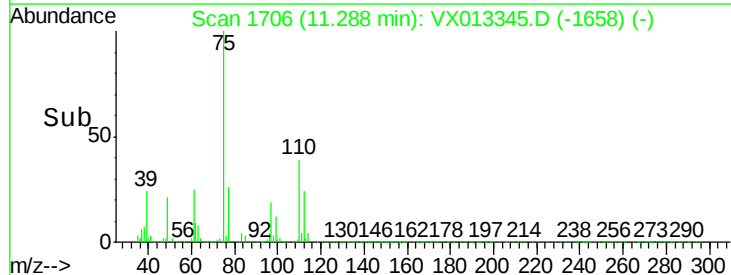
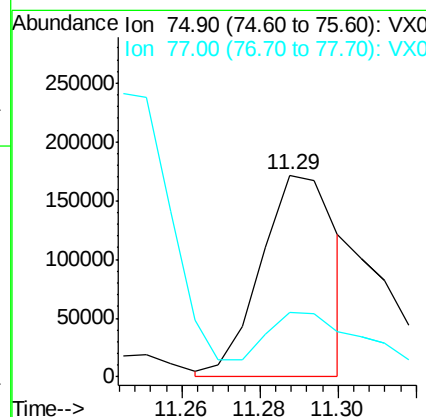
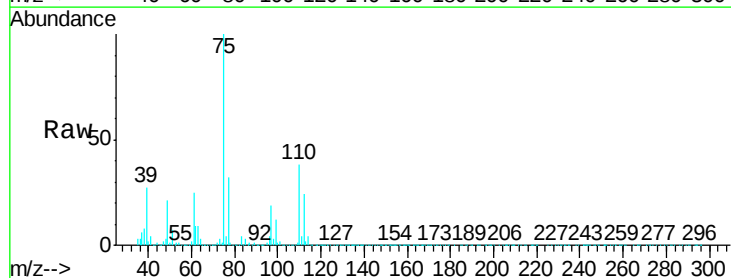
Acq: 07 Nov 2019 11:44

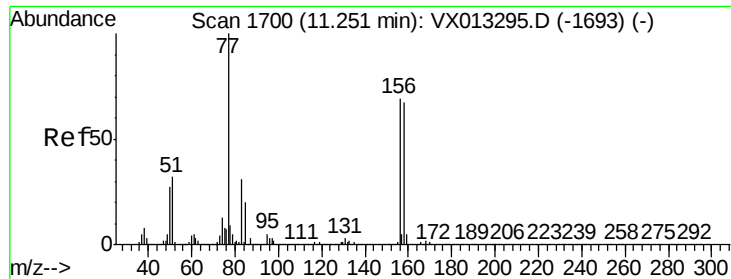
Tgt Ion: 75 Resp: 228802

Ion Ratio Lower Upper

75 100

77 45.0 22.3 66.8





#77

Bromobenzene

Concen: 21.822 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Instrument :

MSVOA_X

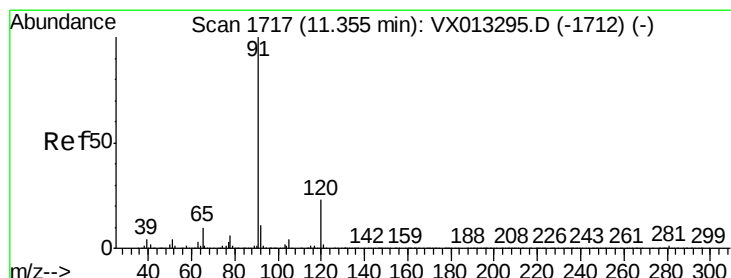
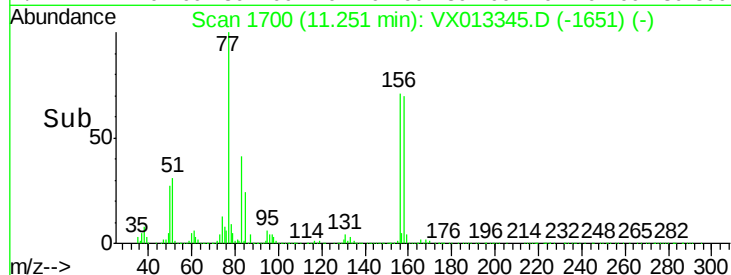
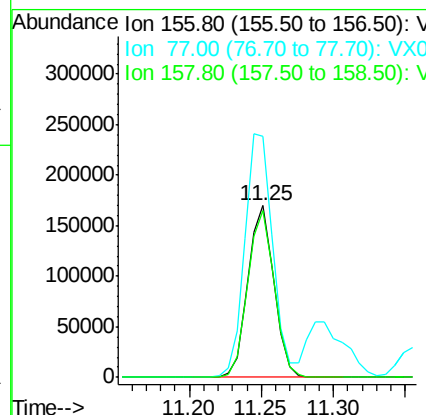
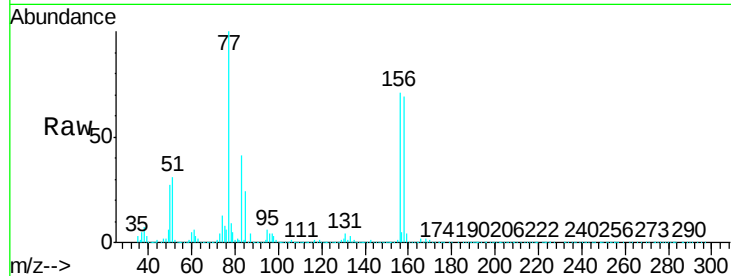
ClientSampleId :

VX1107WBS01

Tgt Ion:	156	Resp:	212091
Ion Ratio	Lower	Upper	
156	100		
77	150.9	75.8	227.4
158	99.2	47.6	142.8

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#78

n-propylbenzene

Concen: 23.276 ug/l

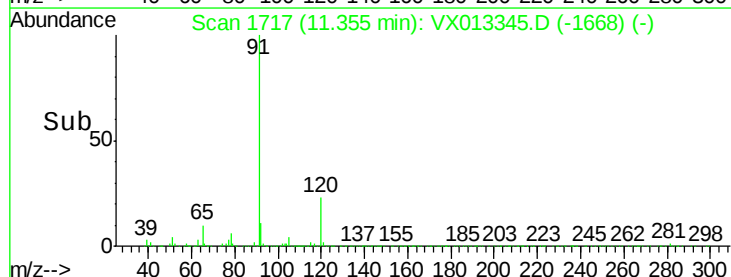
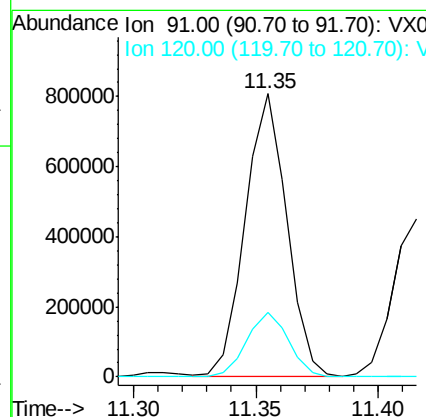
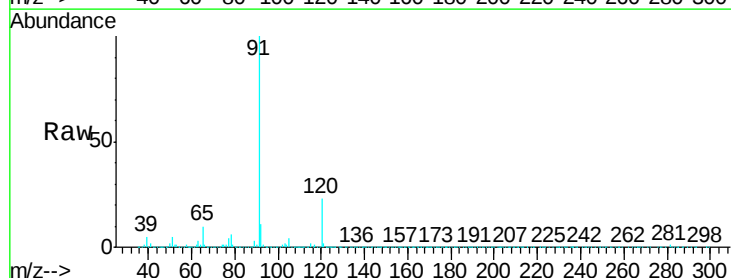
RT: 11.35 min Scan# 1717

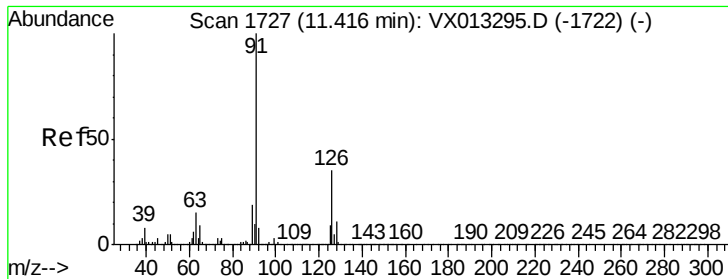
Delta R.T. -0.00 min

Lab File: VX013345.D

Acq: 07 Nov 2019 11:44

Tgt Ion:	91	Resp:	945258
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.6	34.8





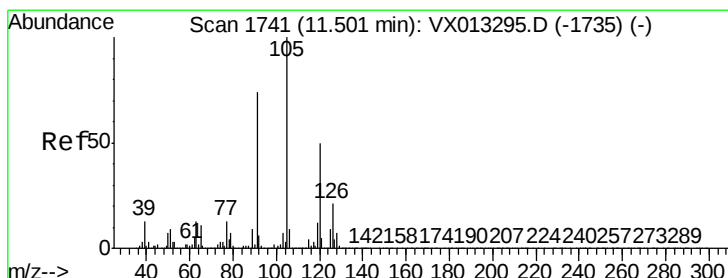
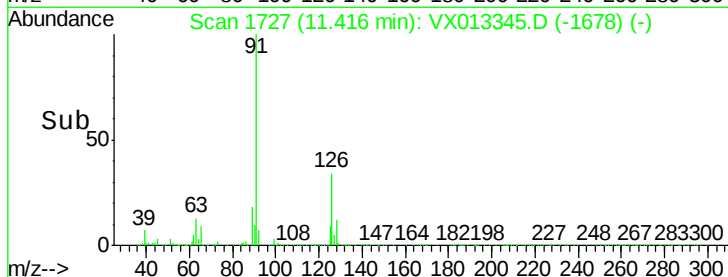
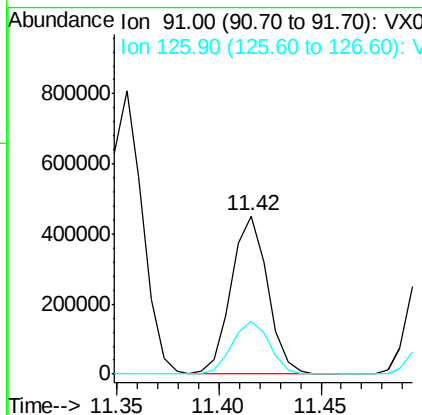
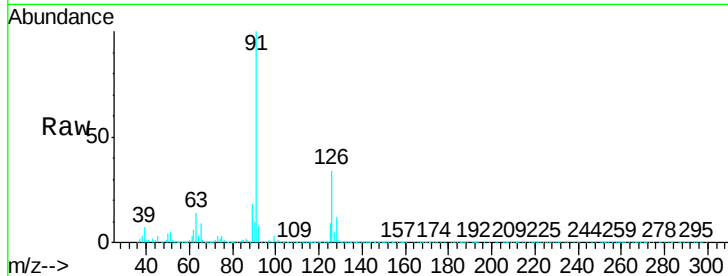
#79
2-Chlorotoluene
Concen: 22.598 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tgt Ion: 91 Resp: 552931
Ion Ratio Lower Upper
91 100
126 34.6 17.3 52.0

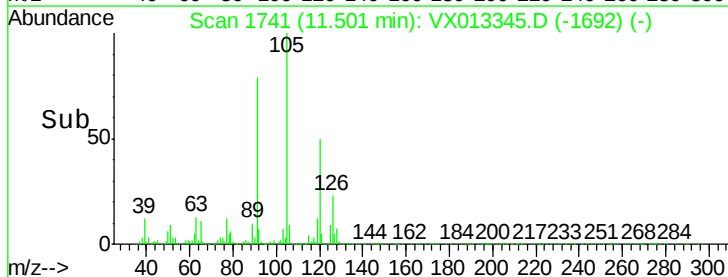
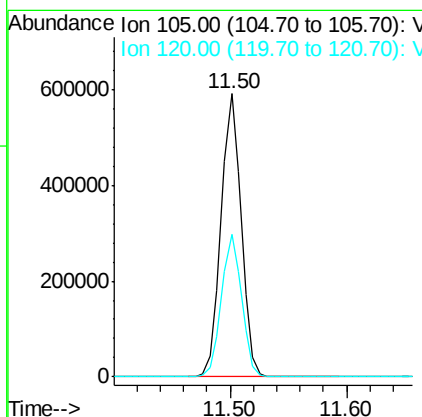
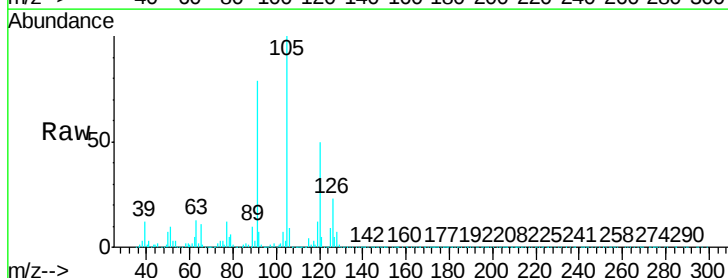
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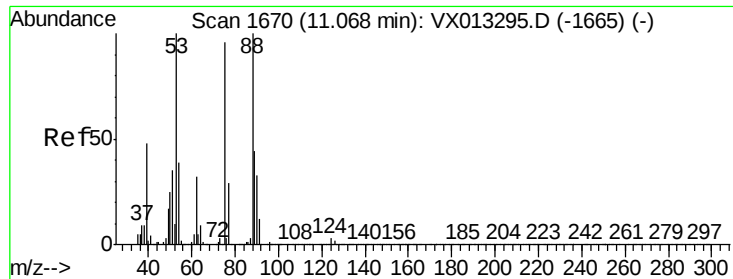
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#80
1,3,5-Trimethylbenzene
Concen: 23.185 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Tgt Ion: 105 Resp: 704065
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.8





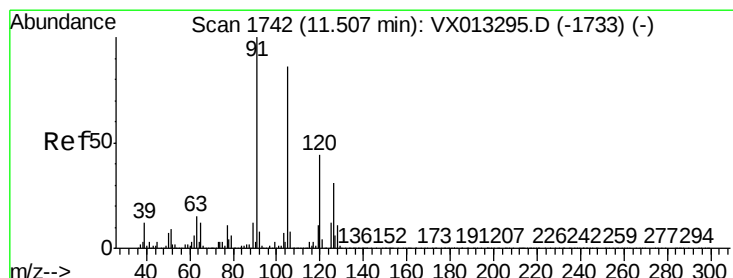
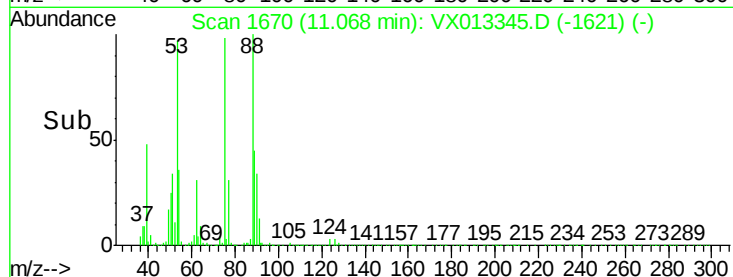
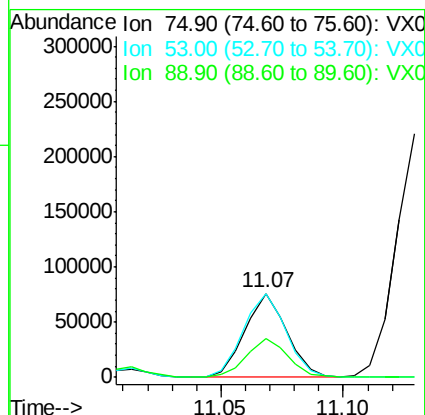
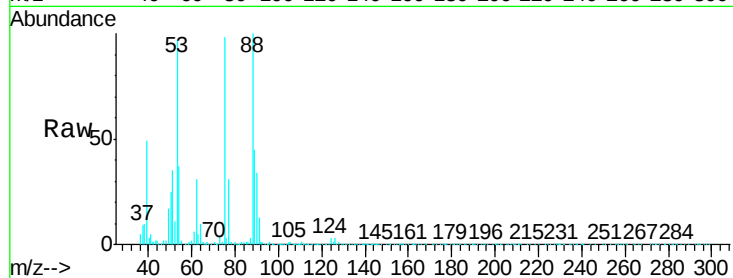
#81
trans-1,4-Dichloro-2-butene
Concen: 20.496 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	102.6	81.0	121.6
89	47.2	36.0	54.0

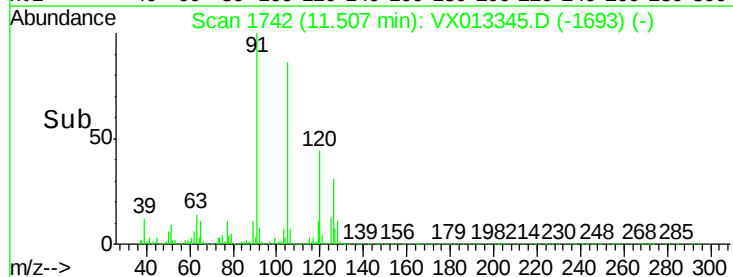
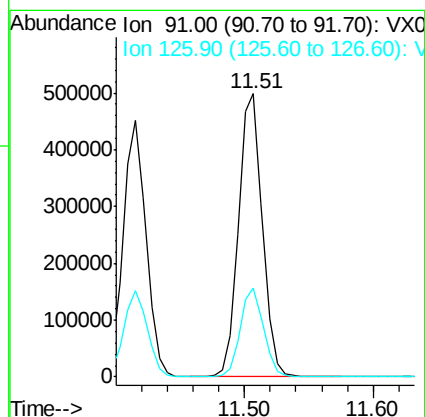
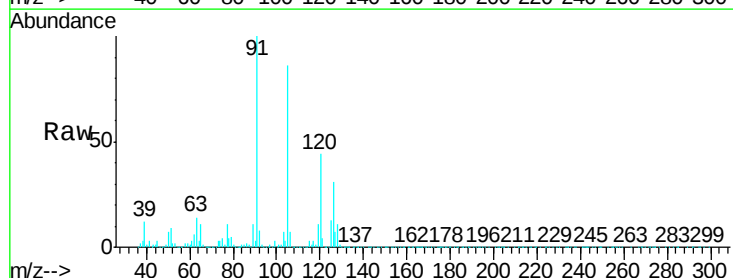
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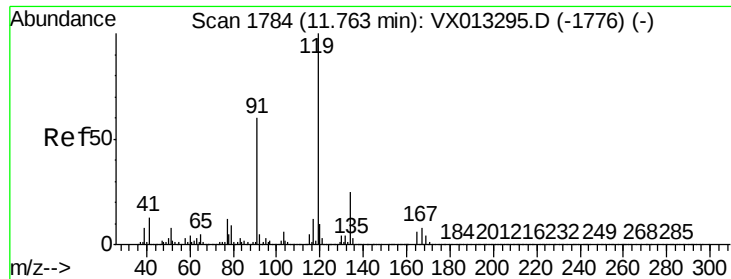
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#82
4-Chlorotoluene
Concen: 22.275 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.3	45.8





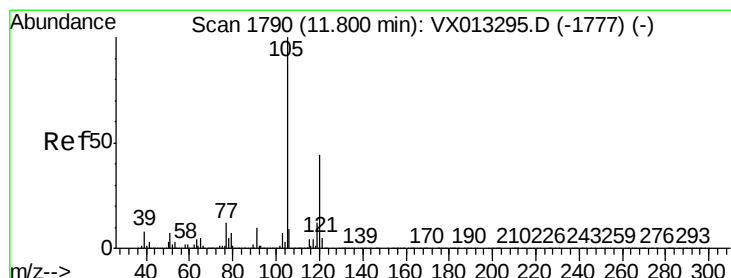
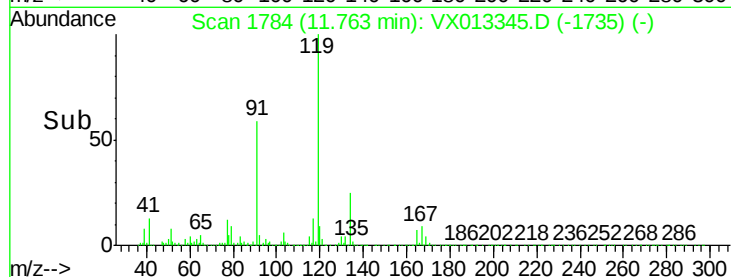
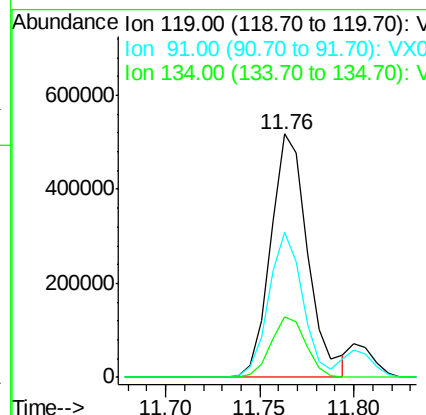
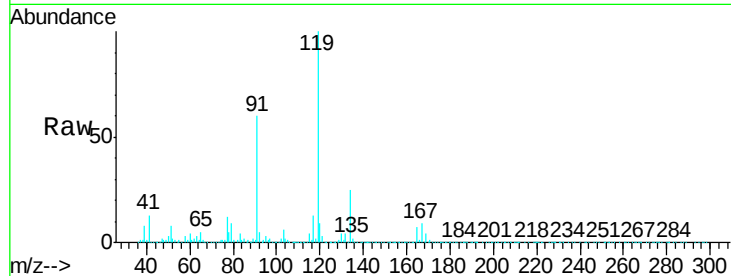
#83
tert-Butylbenzene
Concen: 23.063 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	704984		
91	54.7	26.9	80.7	
134	23.7	11.7	35.1	

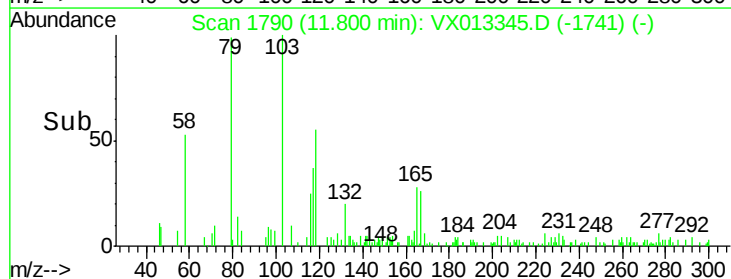
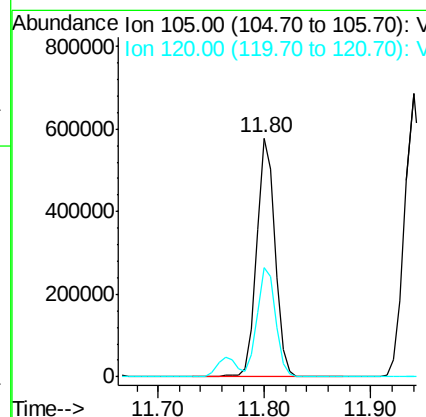
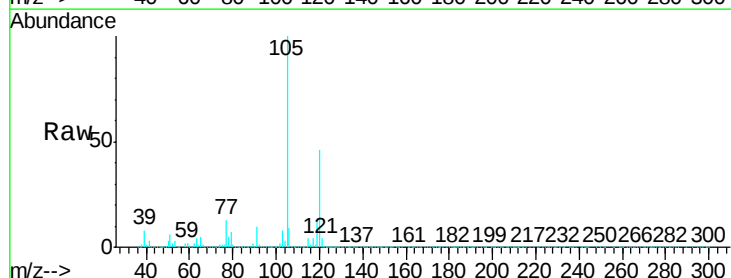
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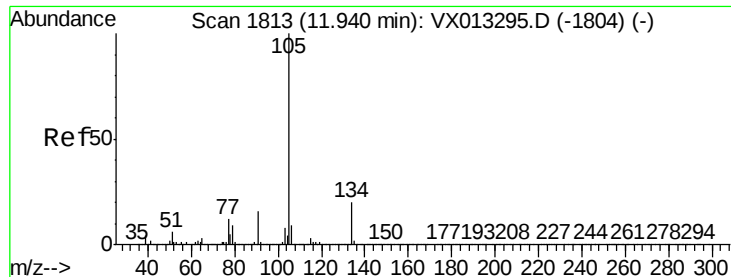
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#84
1,2,4-Trimethylbenzene
Concen: 22.961 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	699433		
120	46.1	22.7	68.1	





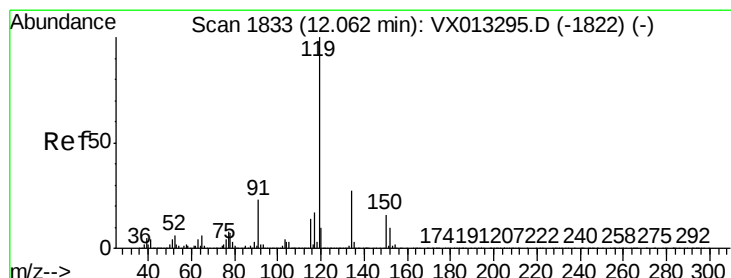
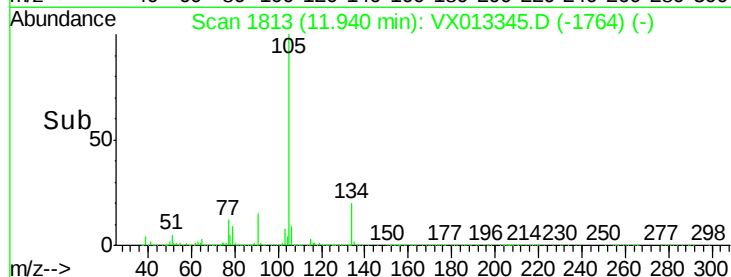
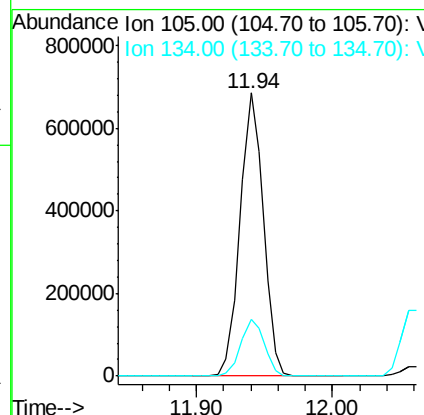
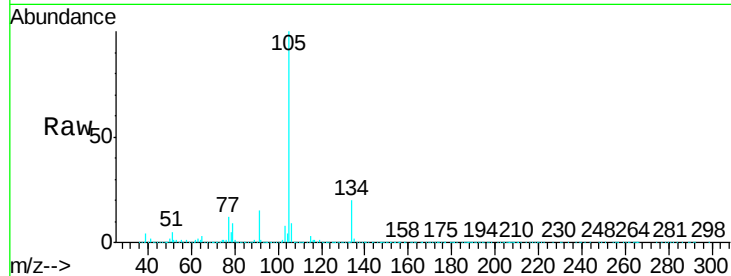
#85
 sec-Butylbenzene
 Concen: 23.198 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013345.D
 Acq: 07 Nov 2019 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBS01

Tgt Ion:105 Resp: 814979
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.9

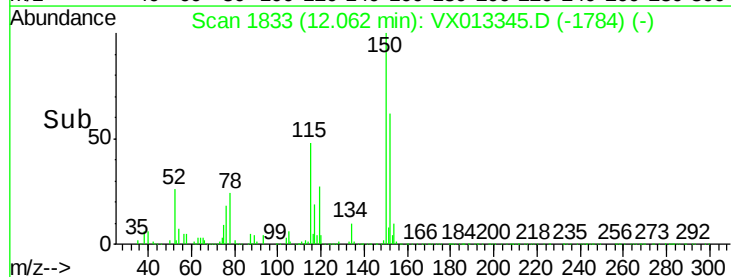
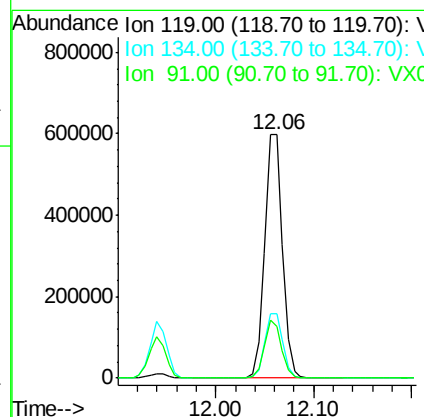
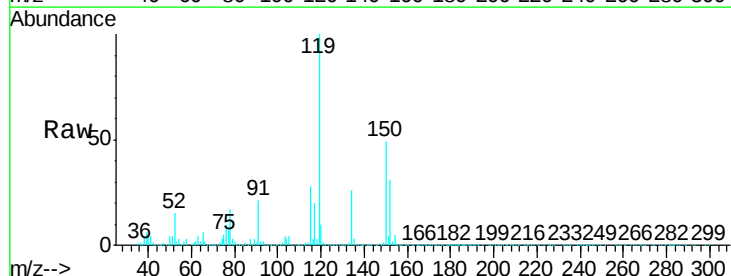
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#86
 p-Isopropyltoluene
 Concen: 23.204 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013345.D
 Acq: 07 Nov 2019 11:44

Tgt Ion:119 Resp: 750674
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 22.8 11.5 34.4





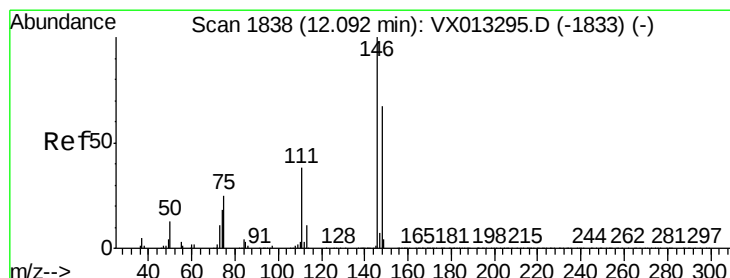
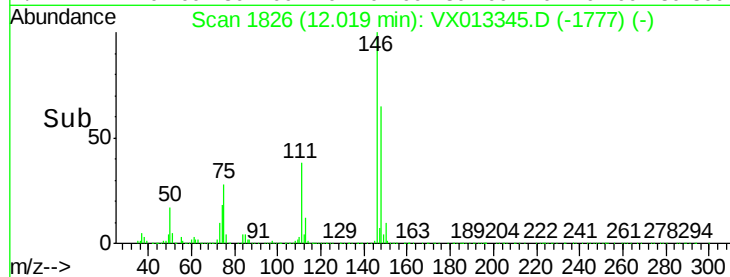
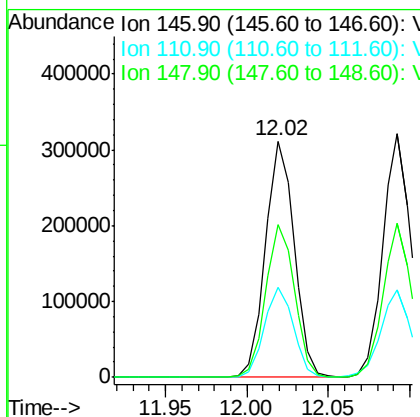
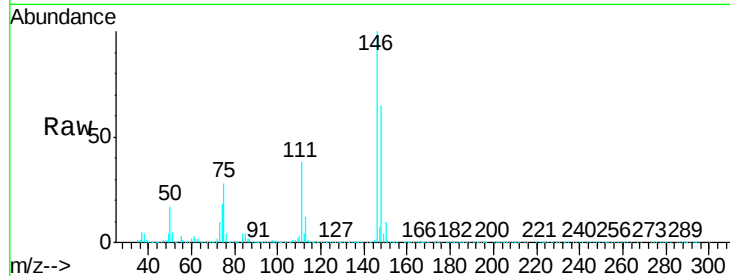
#87
 1,3-Dichlorobenzene
 Concen: 22.060 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013345.D
 Acq: 07 Nov 2019 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.5
148	64.8	31.9	95.7

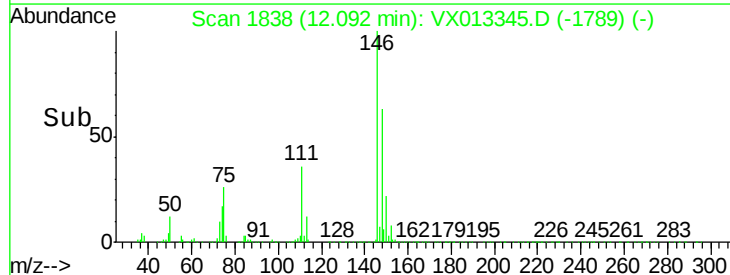
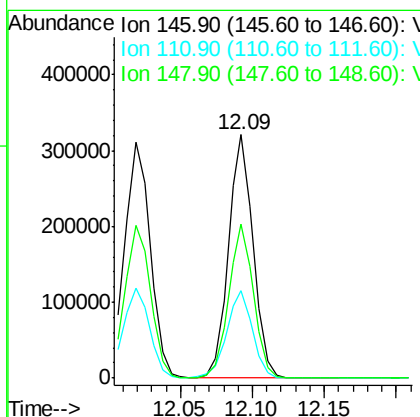
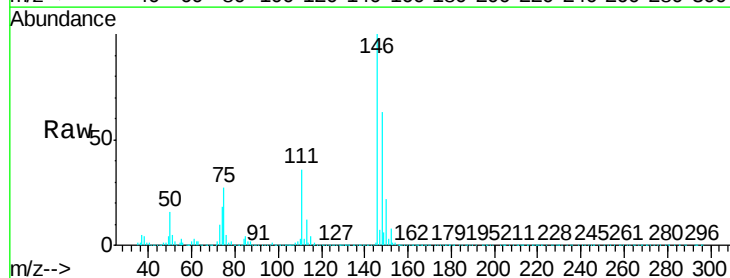
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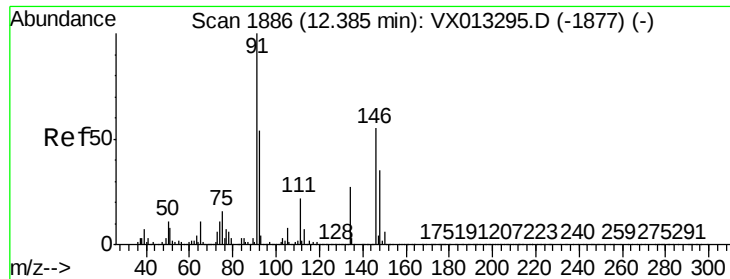
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#88
 1,4-Dichlorobenzene
 Concen: 21.818 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013345.D
 Acq: 07 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.8	56.4
148	63.7	32.4	97.0





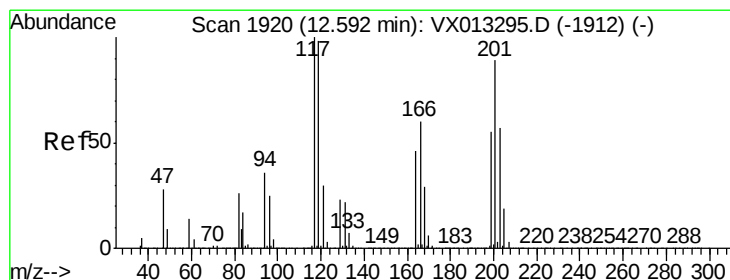
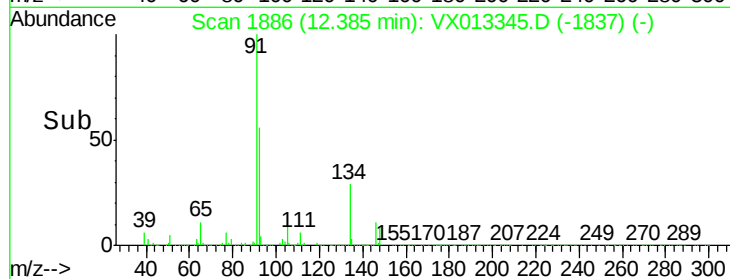
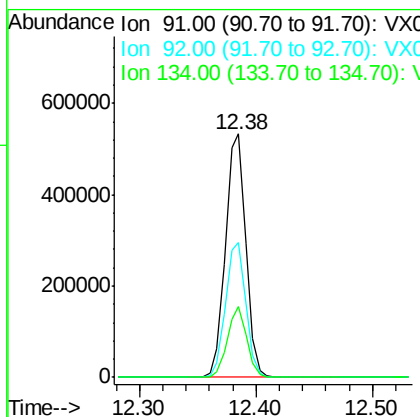
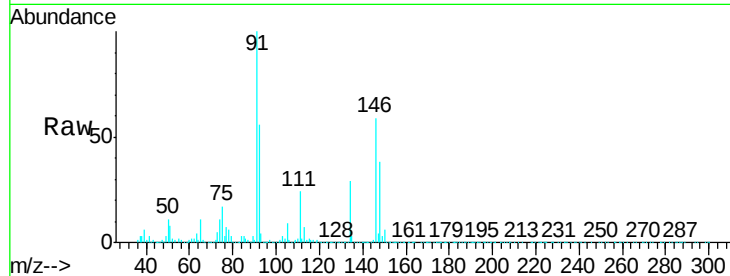
#89
n-Butylbenzene
Concen: 22.751 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	642208		
92	55.2	27.3	81.8	
134	27.4	13.5	40.5	

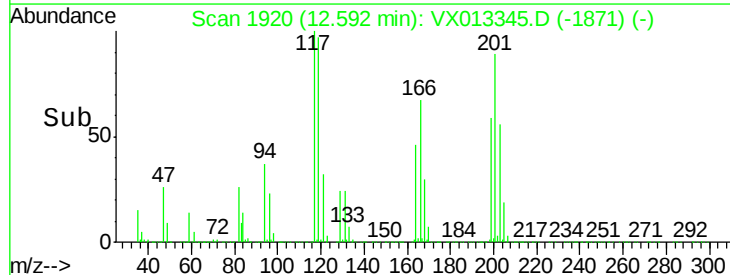
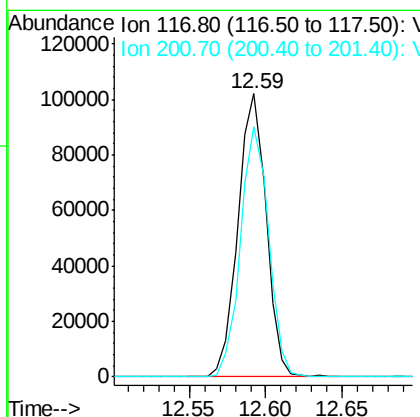
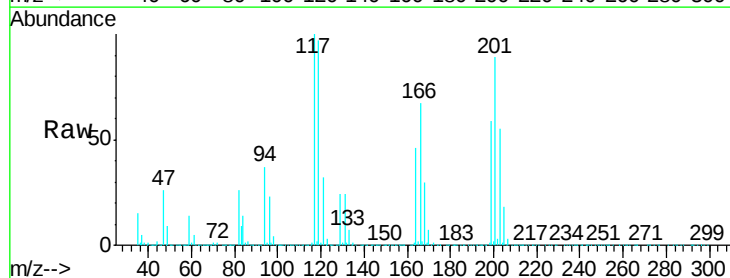
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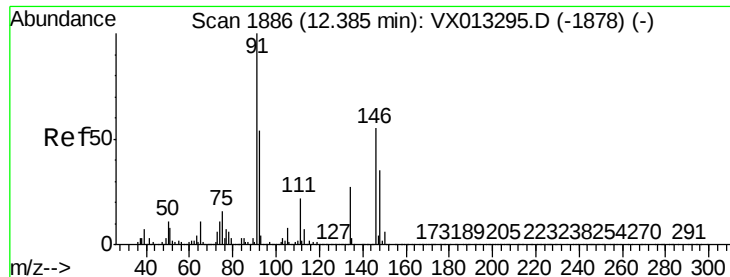
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#90
Hexachloroethane
Concen: 22.627 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	130418		
201	88.4	43.9	131.7	





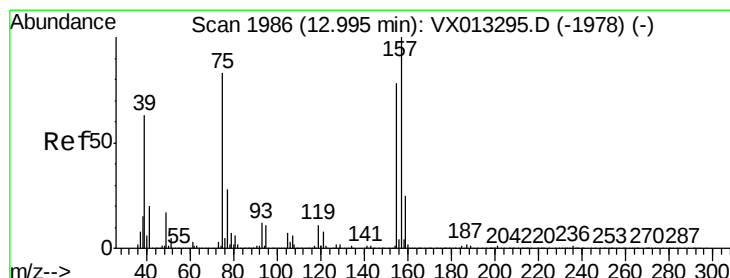
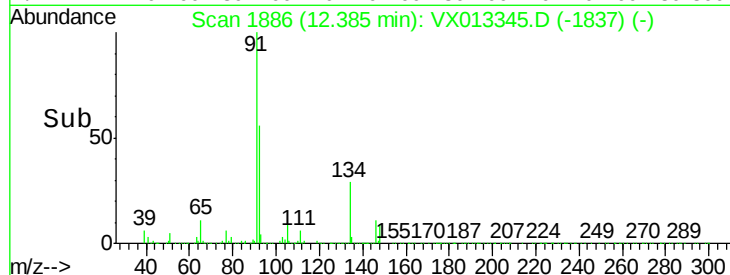
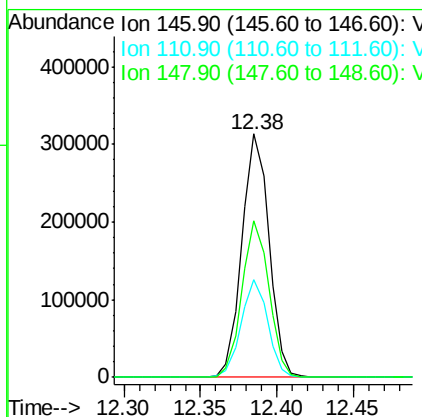
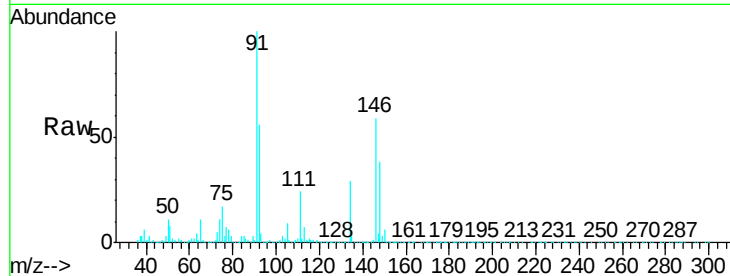
#91
 1,2-Dichlorobenzene
 Concen: 22.261 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013345.D
 Acq: 07 Nov 2019 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	385504		
111	39.7	20.1	60.2	
148	64.3	32.0	96.0	

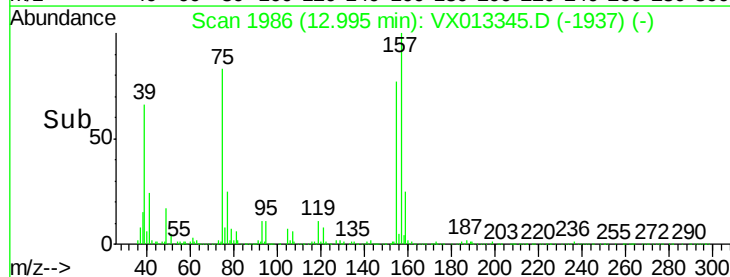
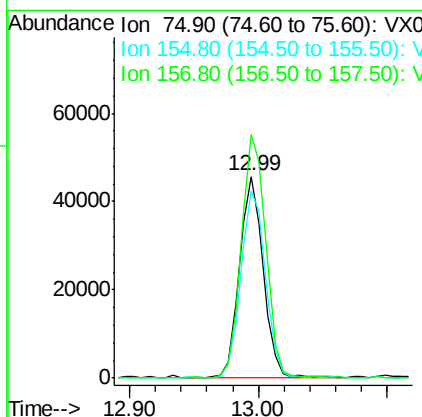
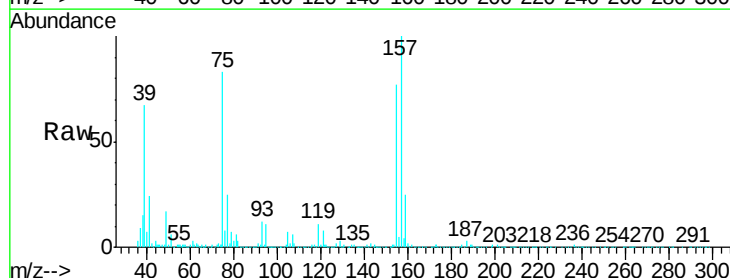
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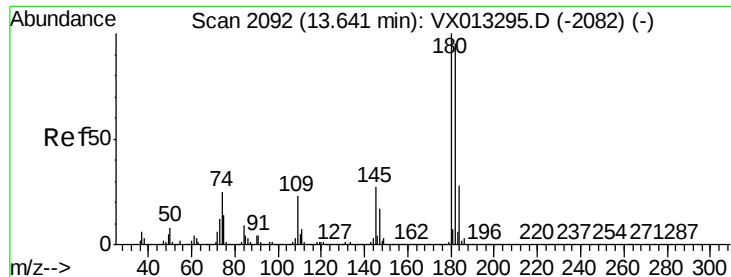
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 11/8/2019 9:33:08 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.061 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013345.D
 Acq: 07 Nov 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	58522		
155	95.4	47.1	141.4	
157	123.9	61.3	183.8	





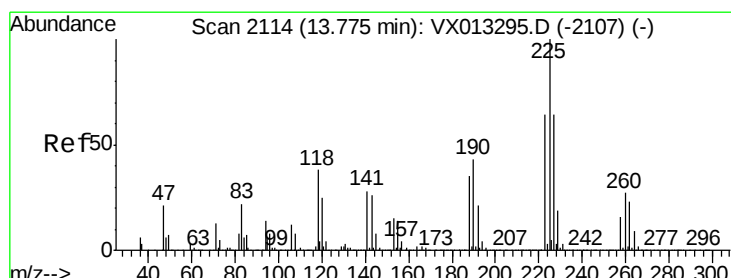
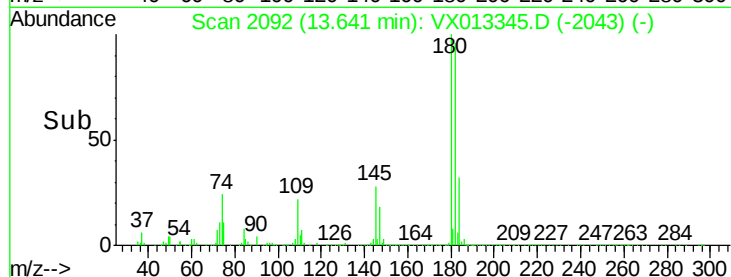
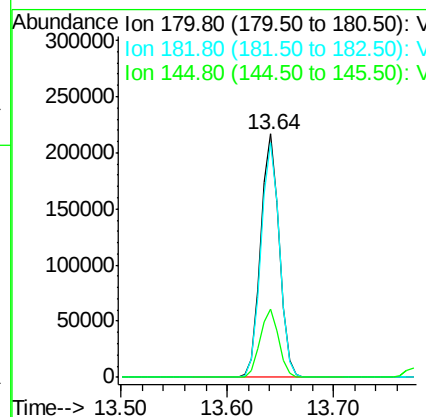
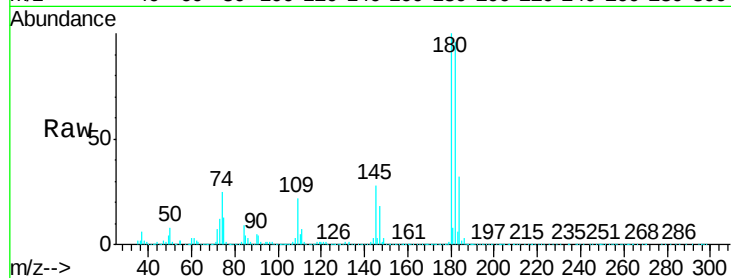
#93
1,2,4-Trichlorobenzene
Concen: 22.034 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.3	48.4	145.0
145	28.0	14.1	42.4

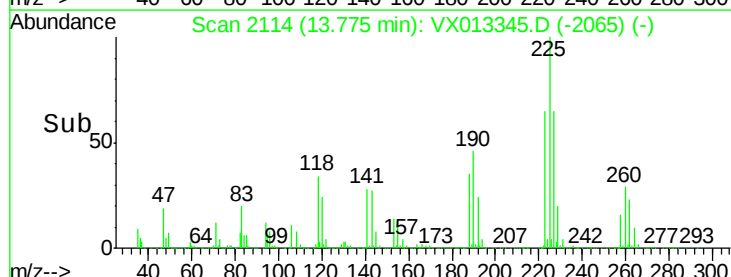
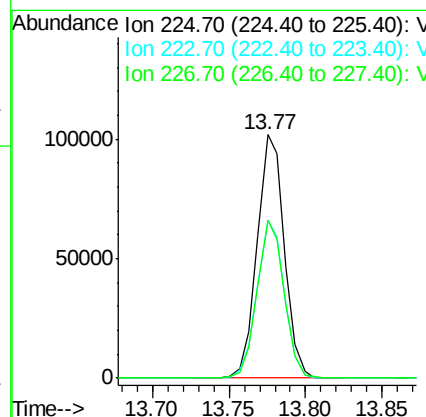
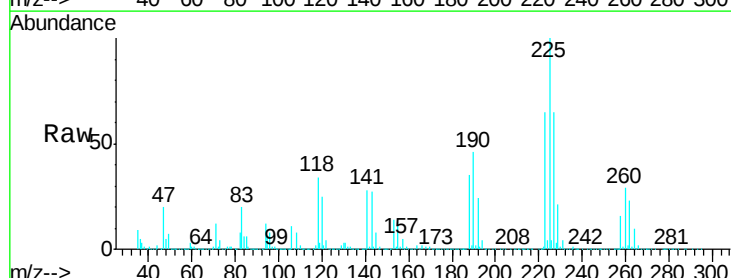
Manual Integrations
APPROVED

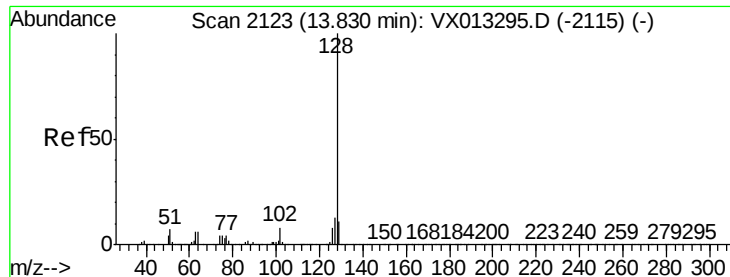
MMDadoda
11/8/2019 9:33:08 AM



#94
Hexachlorobutadiene
Concen: 21.321 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	65.1	31.9	95.7
227	64.2	31.9	95.9





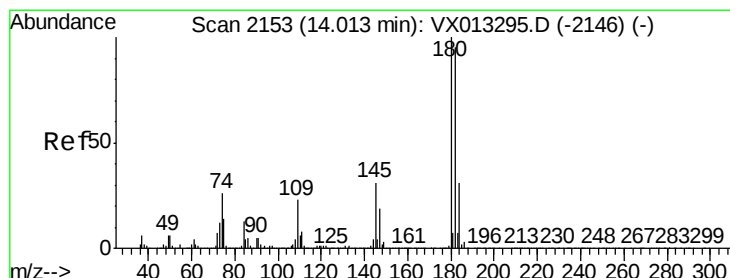
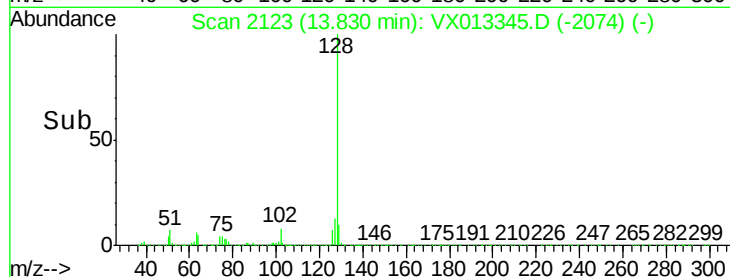
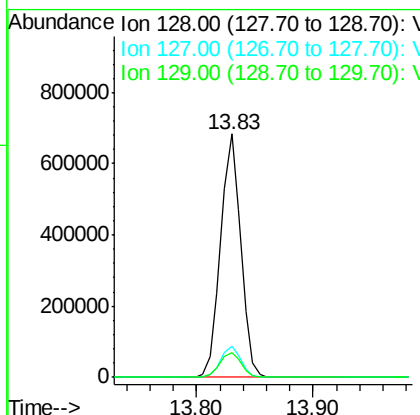
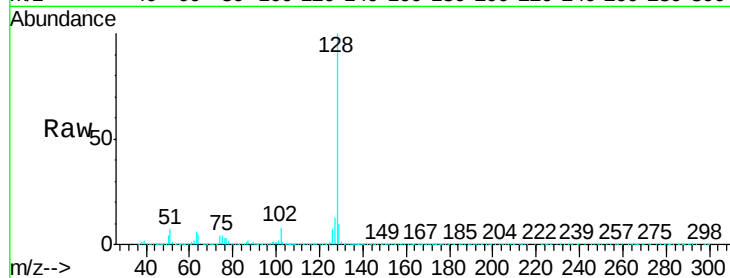
#95
Naphthalene
Concen: 21.505 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBS01

Tgt 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 9:33:08 AM



#96
1,2,3-Trichlorobenzene
Concen: 22.391 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013345.D
Acq: 07 Nov 2019 11:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	48.0	144.2
145	29.9	15.4	46.4

