

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013551.D
 Acq On : 22 Nov 2019 22:57
 Operator : JC/SP
 Sample : VX1122WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS03

Manual Integrations
 APPROVED

MMDadoda
 11/25/2019 10:39:48 AM

Quant Time: Nov 23 01:02:59 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	633769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	966485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	869472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	426373	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	349634	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	
35) Dibromofluoromethane	5.49	113	278330	45.91	ug/l	0.00
Spiked Amount			Recovery	=	91.82%	
50) Toluene-d8	8.71	98	1084969	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	
62) 4-Bromofluorobenzene	11.13	95	388517	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	119580	16.376	ug/l	100
3) Chloromethane	1.32	50	138038	17.432	ug/l	99
4) Vinyl Chloride	1.40	62	160721	17.828	ug/l	97
5) Bromomethane	1.63	94	99509	15.839	ug/l	100
6) Chloroethane	1.72	64	93176	17.301	ug/l	99
7) Trichlorofluoromethane	1.92	101	185849	17.449	ug/l	99
8) Diethyl Ether	2.18	74	88885	18.871	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	115158	19.398	ug/l	100
10) Methyl Iodide	2.50	142	118230	16.086	ug/l	98
11) Tert butyl alcohol	3.03	59	171492	86.657	ug/l	98
12) 1,1-Dichloroethene	2.36	96	111351	19.154	ug/l	96
13) Acrolein	2.28	56	89073	83.048	ug/l	98
14) Allyl chloride	2.72	41	199739	18.910	ug/l	95
15) Acrylonitrile	3.13	53	389010	105.234	ug/l	99
16) Acetone	2.43	43	370678	98.979	ug/l	97
17) Carbon Disulfide	2.56	76	250151	16.077	ug/l	100
18) Methyl Acetate	2.76	43	240153	23.227	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	406294	20.954	ug/l	99
20) Methylene Chloride	2.84	84	132541	19.155	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	121810	19.244	ug/l	99
22) Diisopropyl ether	3.84	45	426505	20.915	ug/l	91
23) Vinyl Acetate	3.80	43	858204	49.181	ug/l	98
24) 1,1-Dichloroethane	3.69	63	232415	20.373	ug/l	99
25) 2-Butanone	4.65	43	559701	101.875	ug/l	99
26) 2,2-Dichloropropane	4.58	77	148513	16.365	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	147389	20.786	ug/l	97
28) Bromochloromethane	5.00	49	69560	21.475	ug/l	98
29) Tetrahydrofuran	5.11	42	349921	103.354	ug/l	100
30) Chloroform	5.20	83	225246	19.996	ug/l	99
31) Cyclohexane	5.57	56	188954	18.407	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	189429	19.540	ug/l	99
36) 1,1-Dichloropropene	5.79	75	163330	19.699	ug/l	100
37) Ethyl Acetate	4.82	43	203672	19.880	ug/l	99
38) Carbon Tetrachloride	5.78	117	157744	19.456	ug/l	99

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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	7.46	83	189457	18.339	ug/l	96
40) Benzene	6.13	78	516263	19.989	ug/l	99
41) Methacrylonitrile	5.03	41	113798	19.817	ug/l	98
42) 1,2-Dichloroethane	6.19	62	186230	19.990	ug/l	99
43) Isopropyl Acetate	6.44	43	325705	20.416	ug/l	97
44) Trichloroethene	7.20	130	153916	21.650	ug/l	98
45) 1,2-Dichloropropane	7.51	63	137342	20.871	ug/l	96
46) Dibromomethane	7.65	93	90187	20.072	ug/l	98
47) Bromodichloromethane	7.89	83	172423	20.351	ug/l	96
48) Methyl methacrylate	7.76	41	161360	20.262	ug/l	97
49) 1,4-Dioxane	7.73	88	64302	352.578	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1077384	102.932	ug/l	98
52) Toluene	8.78	92	328045	20.493	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	181697	19.612	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	202890	19.577	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	138190	20.828	ug/l	99
56) Ethyl methacrylate	9.17	69	215787	20.018	ug/l	97
57) 1,3-Dichloropropane	9.37	76	234291	20.802	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	425731	93.843	ug/l	99
59) 2-Hexanone	9.48	43	844241	104.374	ug/l	99
60) Dibromochloromethane	9.57	129	137047	20.196	ug/l	100
61) 1,2-Dibromoethane	9.67	107	141967	20.150	ug/l	99
64) Tetrachloroethene	9.33	164	212380	34.121	ug/l	98
65) Chlorobenzene	10.14	112	354507	20.139	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	135663	20.990	ug/l	98
67) Ethyl Benzene	10.25	91	612510	20.161	ug/l	99
68) m/p-Xylenes	10.36	106	465253	40.493	ug/l	99
69) o-Xylene	10.70	106	227501	20.225	ug/l	100
70) Styrene	10.71	104	385407	20.496	ug/l	100
71) Bromoform	10.86	173	104433	19.513	ug/l #	98
73) Isopropylbenzene	11.01	105	618149	21.867	ug/l	100
74) N-amyl acetate	10.89	43	280555	21.402	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	192424	18.658	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	177525m	20.499	ug/l	
77) Bromobenzene	11.25	156	160990	21.362	ug/l	97
78) n-propylbenzene	11.35	91	674298	21.413	ug/l	99
79) 2-Chlorotoluene	11.42	91	405201	21.357	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	509497	21.638	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	60044	17.846	ug/l	95
82) 4-Chlorotoluene	11.51	91	460439	20.732	ug/l	99
83) tert-Butylbenzene	11.76	119	436908	18.432	ug/l	88
84) 1,2,4-Trimethylbenzene	11.80	105	515707	21.833	ug/l	99
85) sec-Butylbenzene	11.94	105	588095	21.588	ug/l	99
86) p-Isopropyltoluene	12.06	119	537657	21.433	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	278308	20.718	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	275514	20.130	ug/l	99
89) n-Butylbenzene	12.39	91	449763	20.548	ug/l	100
90) Hexachloroethane	12.59	117	89541	20.034	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	285499	21.261	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46282	18.420	ug/l	98

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ClientSampleId :
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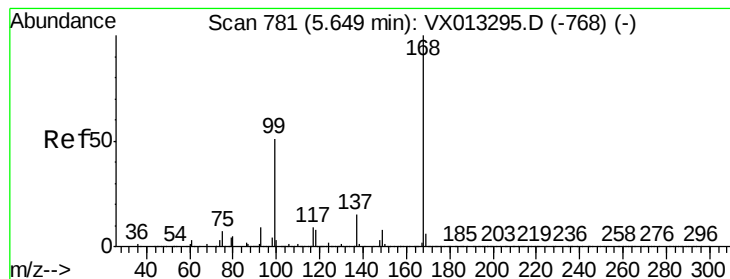
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	193135	20.620	ug/l	98
94) Hexachlorobutadiene	13.78	225	91963	20.068	ug/l	98
95) Naphthalene	13.83	128	601264	20.460	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	195447	20.807	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

Tot Ion:168 Resp: 633769

Ion Ratio Lower Upper

168 100

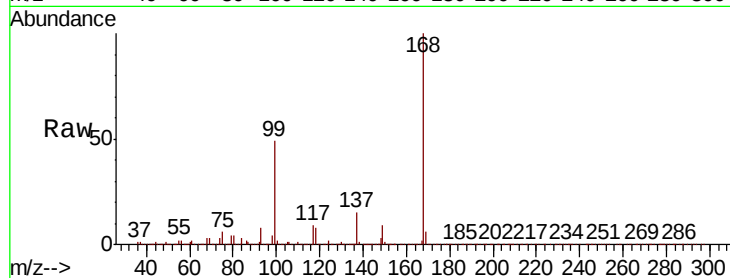
99 48.9 40.8 61.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

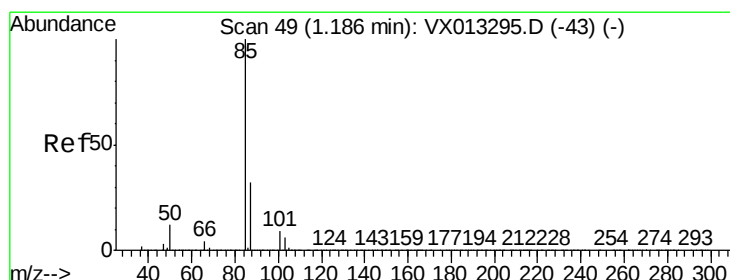
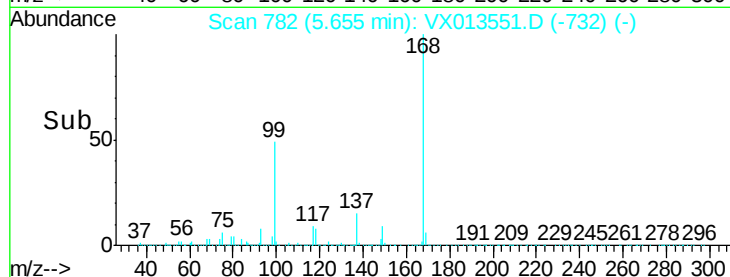
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.376 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013551.D

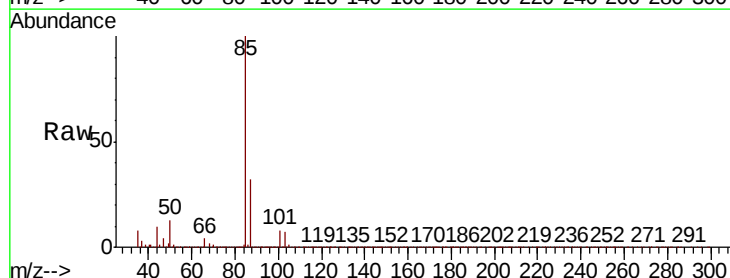
Acq: 22 Nov 2019 22:57

Tgt Ion: 85 Resp: 119580

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

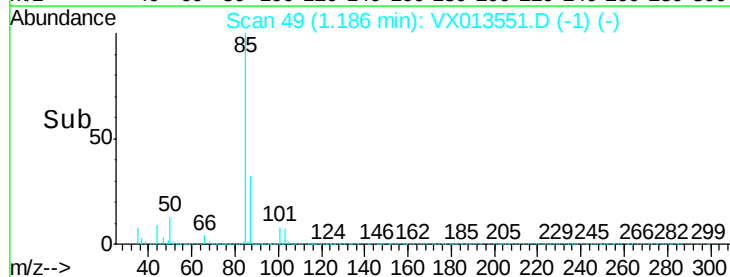
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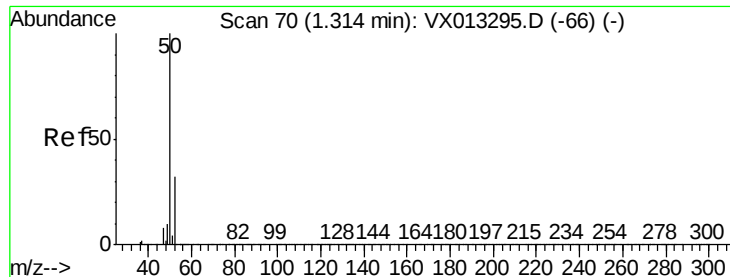
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.432 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

Tot Ion: 50 Resp: 138038

Ion Ratio Lower Upper

50 100

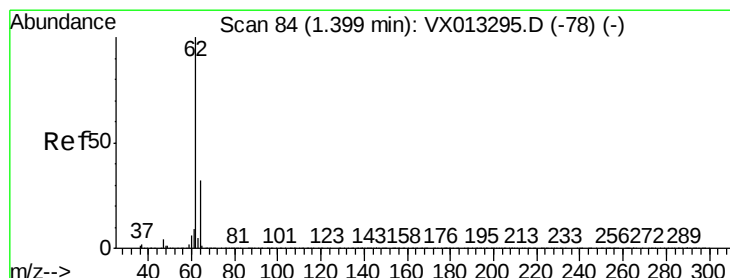
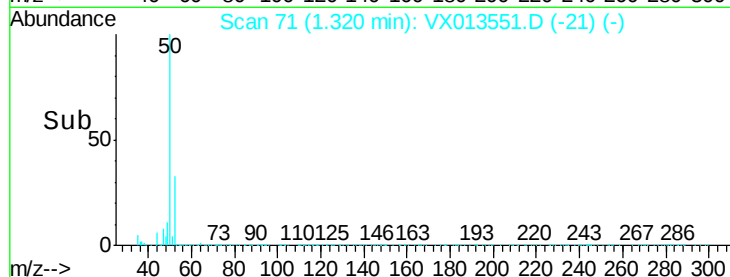
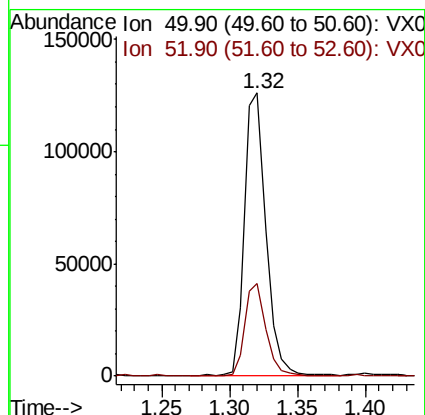
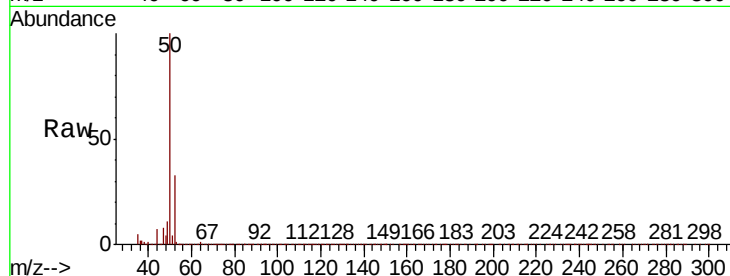
52 32.5 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.828 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013551.D

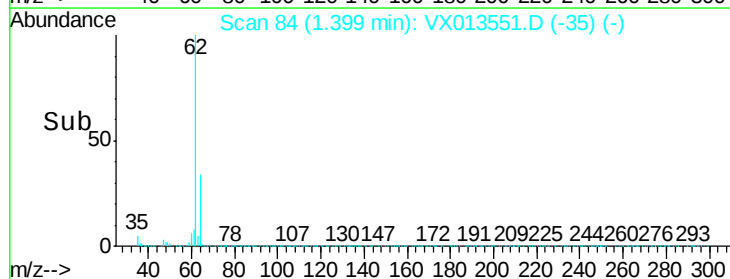
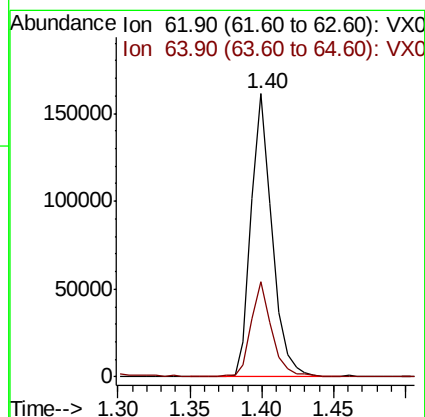
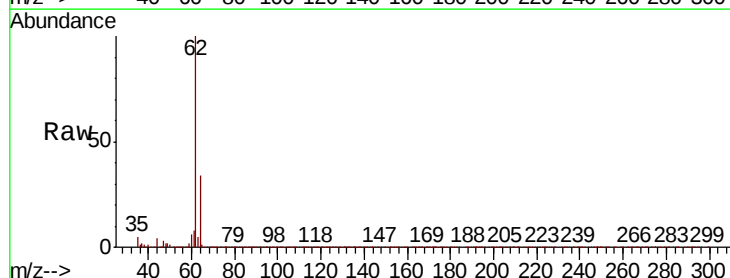
Acq: 22 Nov 2019 22:57

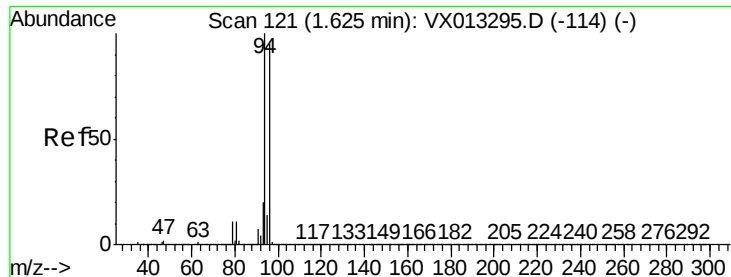
Tgt Ion: 62 Resp: 160721

Ion Ratio Lower Upper

62 100

64 33.6 25.6 38.4





#5

Bromomethane

Concen: 15.839 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

Tot Ion: 94 Resp: 99509

Ion Ratio Lower Upper

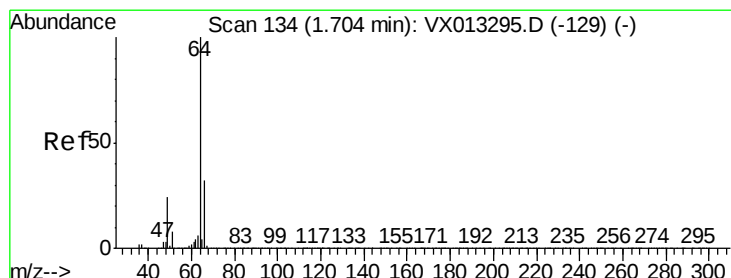
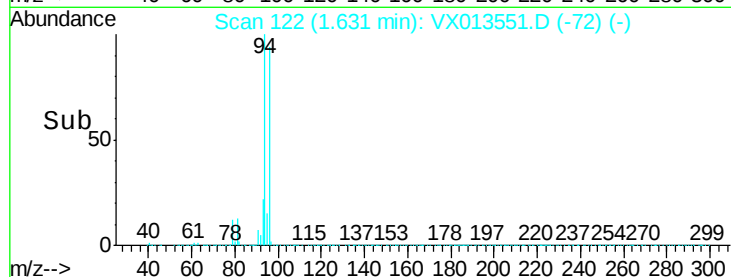
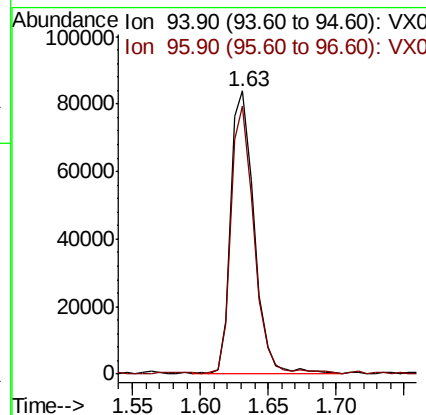
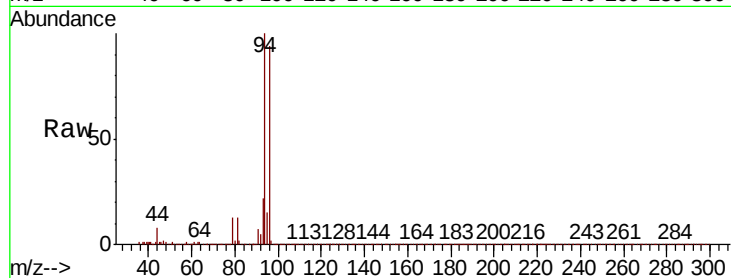
94 100

96 94.5 75.8 113.8

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#6

Chloroethane

Concen: 17.301 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013551.D

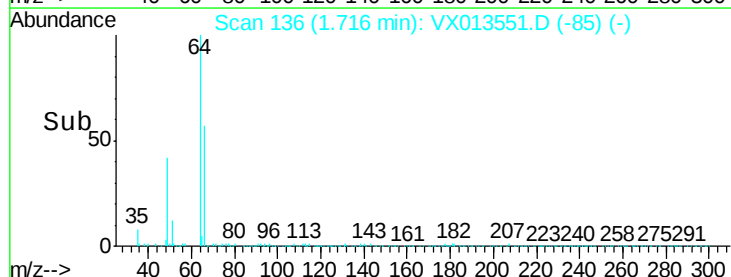
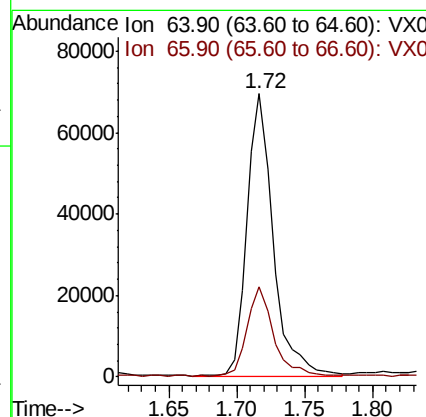
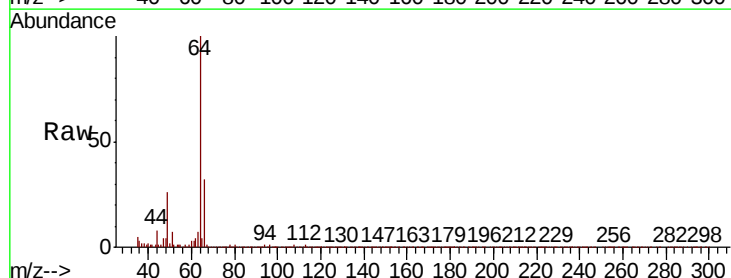
Acq: 22 Nov 2019 22:57

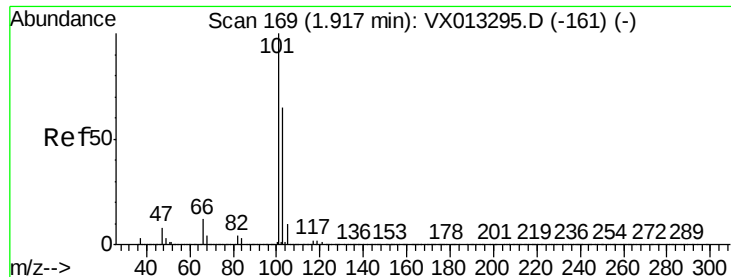
Tgt Ion: 64 Resp: 93176

Ion Ratio Lower Upper

64 100

66 31.4 25.6 38.4





#7

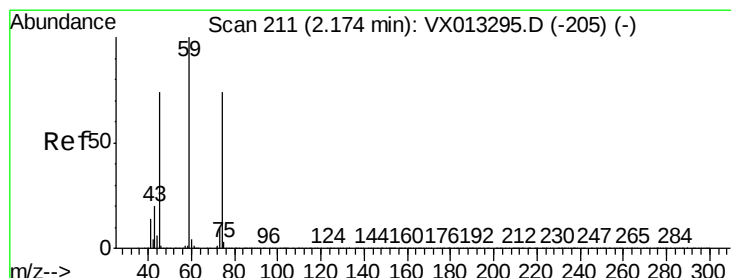
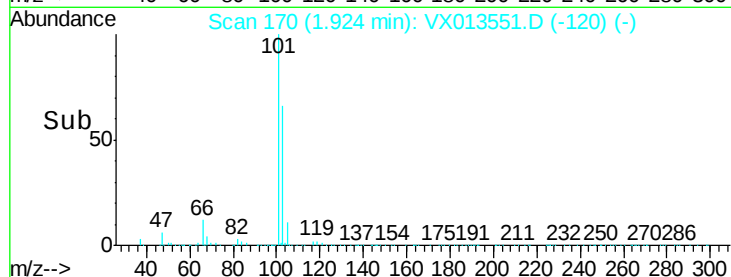
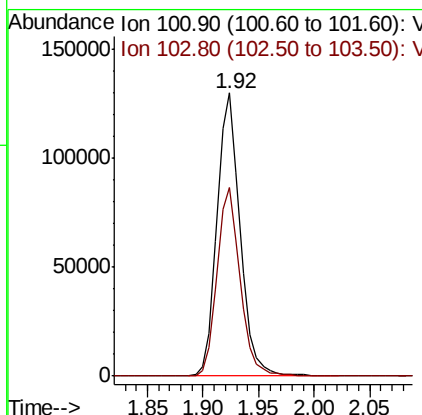
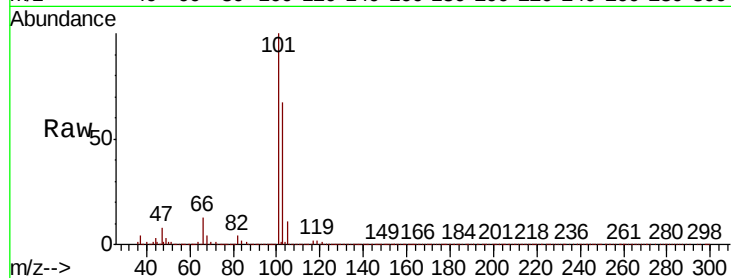
Trichlorofluoromethane
Concen: 17.449 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	185849		
103	66.4	52.3	78.5	

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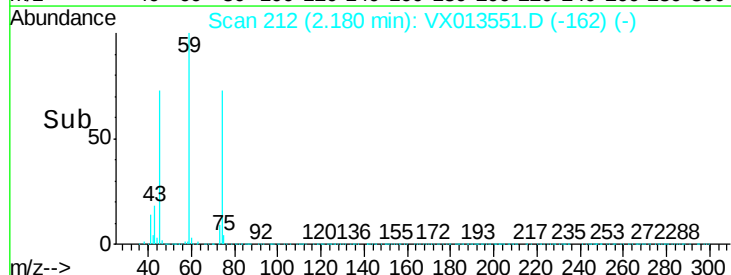
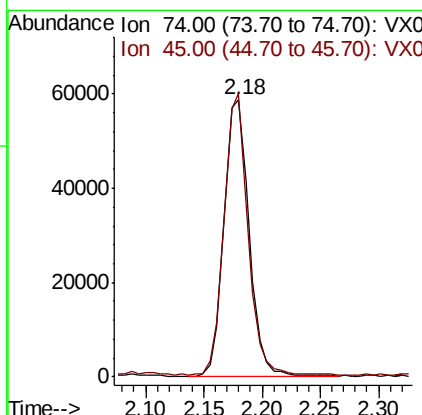
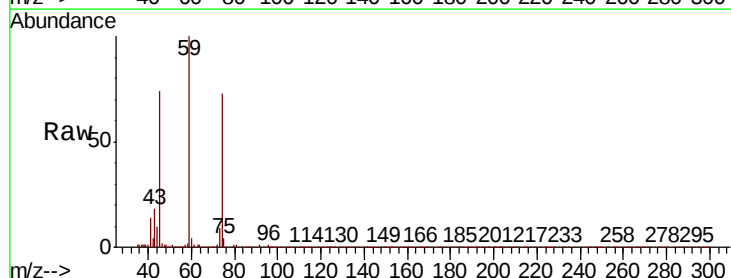
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11/25/2019 10:39:48 AM

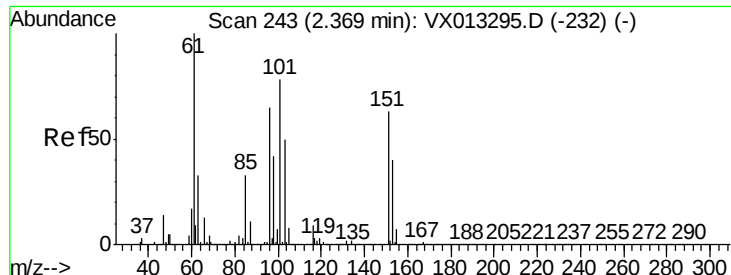


#8

Diethyl Ether
Concen: 18.871 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	88885		
45	94.9	48.5	145.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.398 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

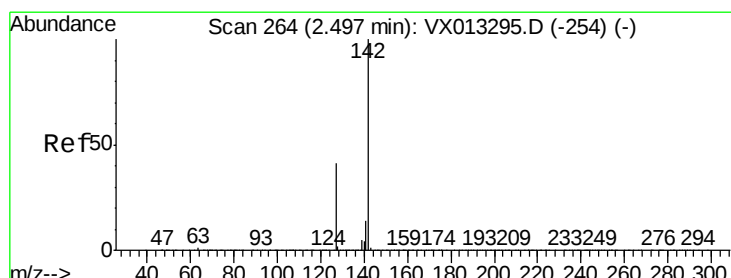
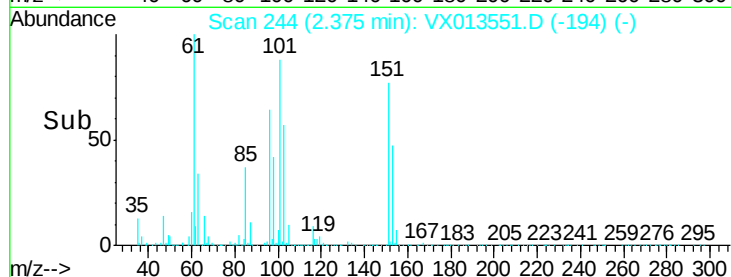
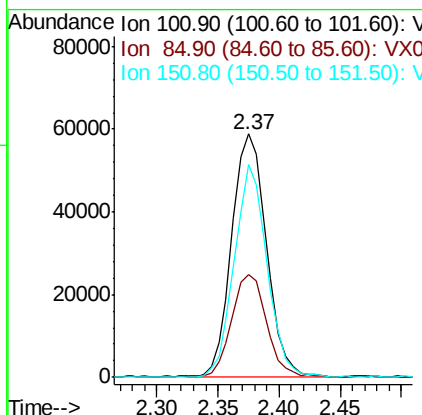
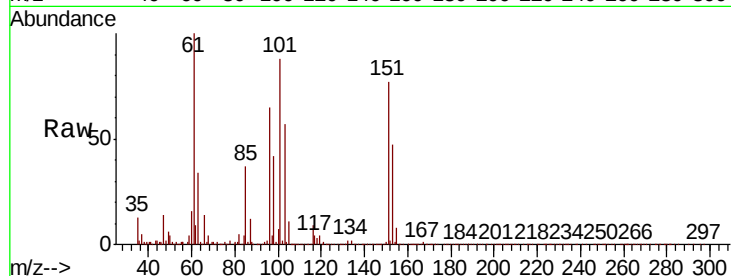
ClientSampleId :

VX1122WBS03

Tot Ion:	101	Resp:	115158
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.4	51.6
151	83.0	66.4	99.6

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#10

Methyl Iodide

Concen: 16.086 ug/l

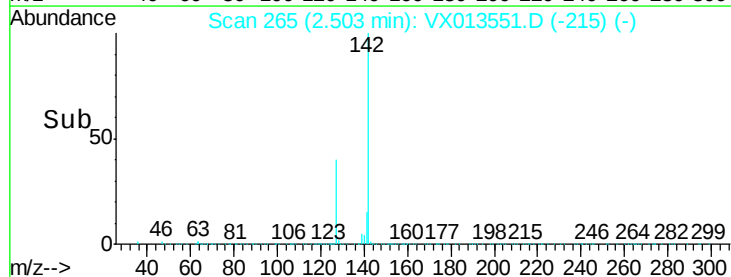
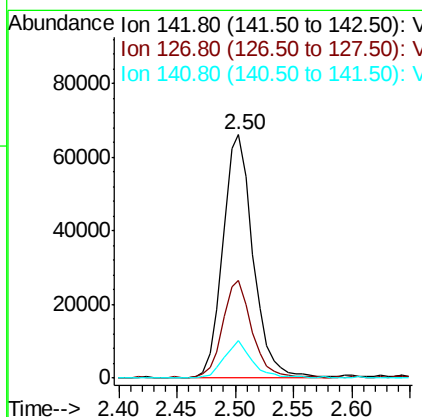
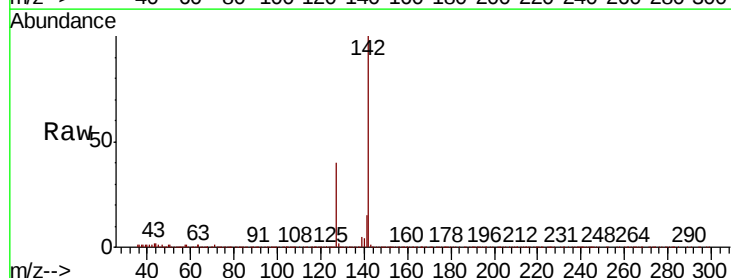
RT: 2.50 min Scan# 265

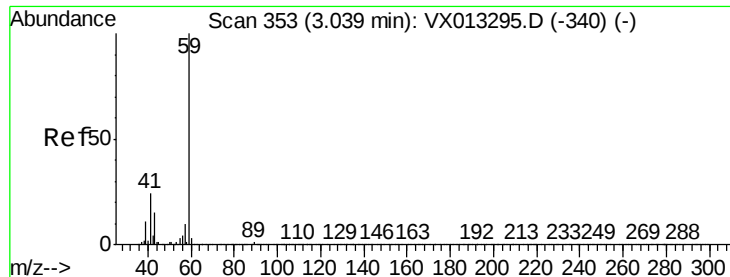
Delta R.T. 0.01 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Tgt Ion:	142	Resp:	118230
Ion Ratio	Lower	Upper	
142	100		
127	39.3	32.6	49.0
141	15.1	11.6	17.4





#11

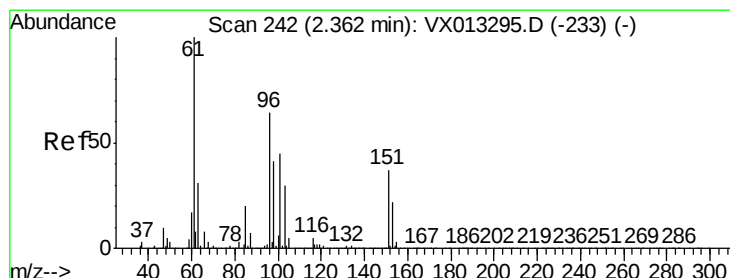
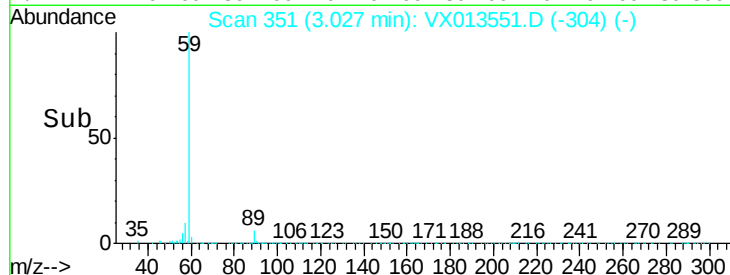
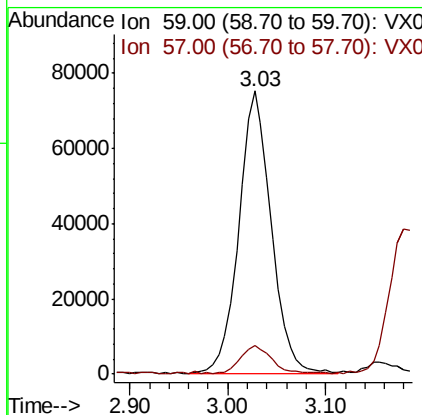
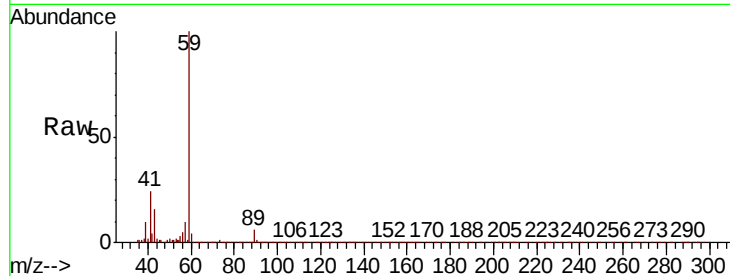
Tert butyl alcohol
Concen: 86.657 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.0	12.0

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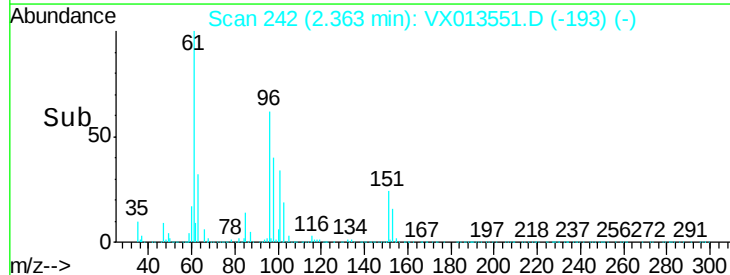
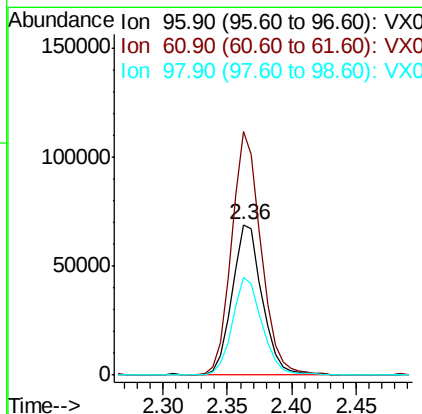
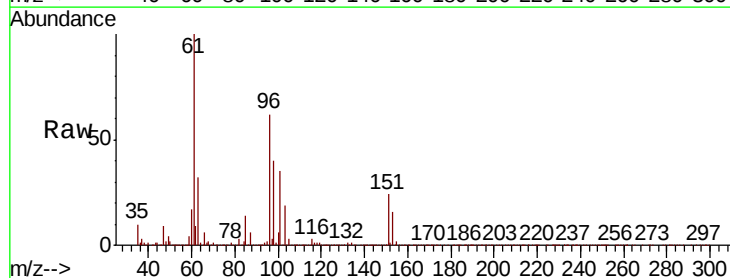
MMDadoda
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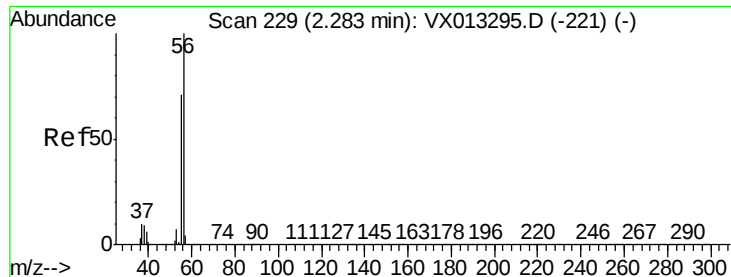


#12

1,1-Dichloroethene
Concen: 19.154 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.0	125.0	187.6
98	64.5	50.7	76.1





#13

Acrolein

Concen: 83.048 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

Tot Ion: 56 Resp: 89073

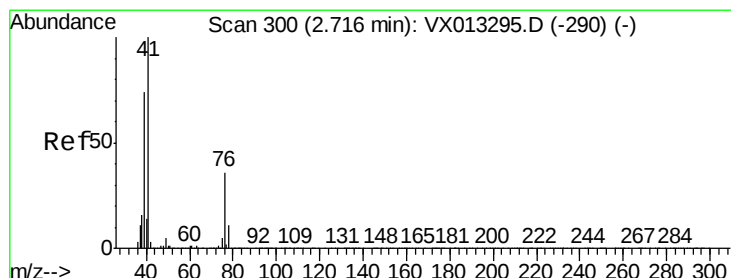
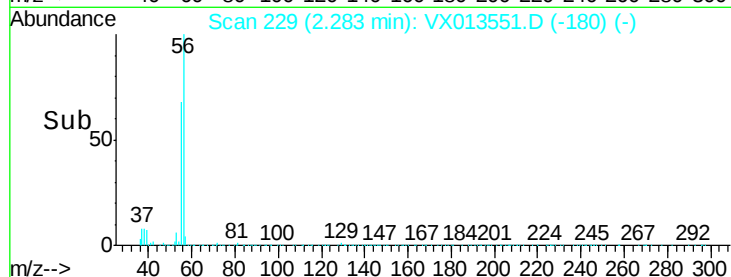
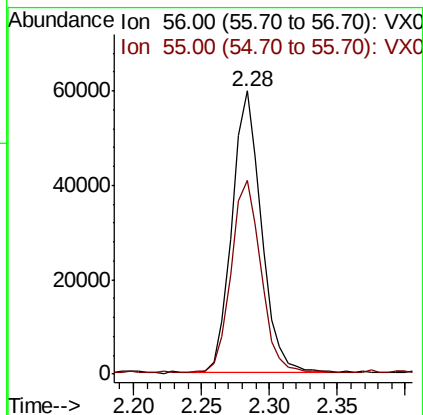
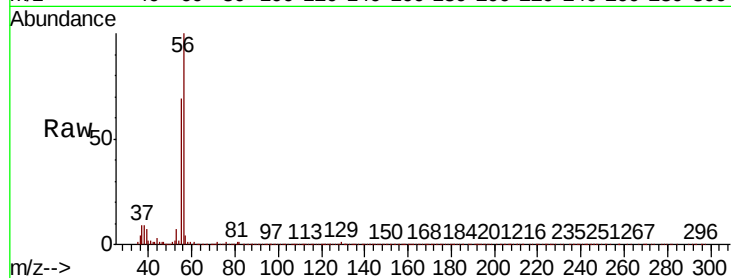
Ion Ratio Lower Upper

56 100

55 69.9 57.4 86.0

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#14

Allyl chloride

Concen: 18.910 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

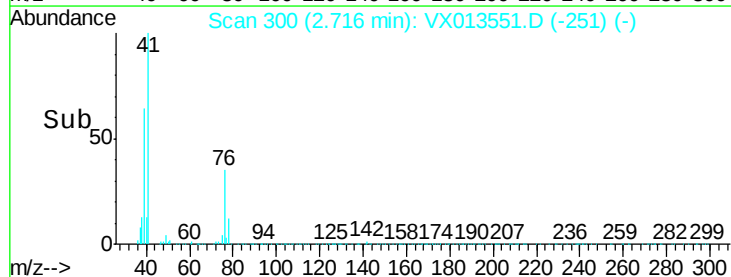
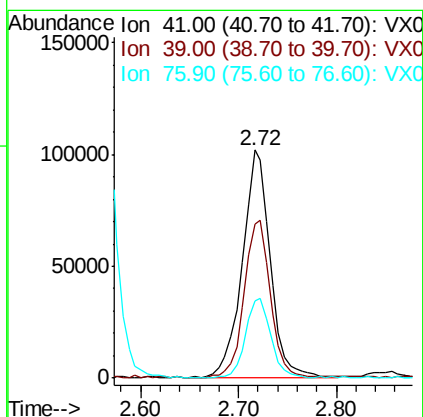
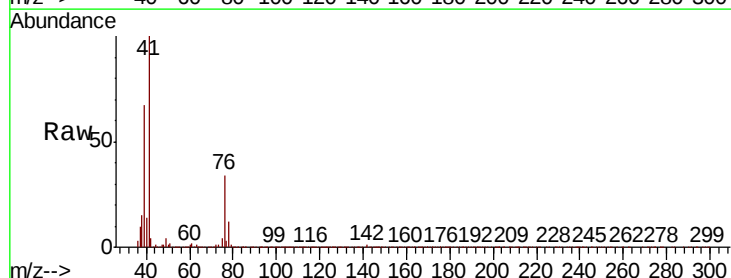
Tgt Ion: 41 Resp: 199739

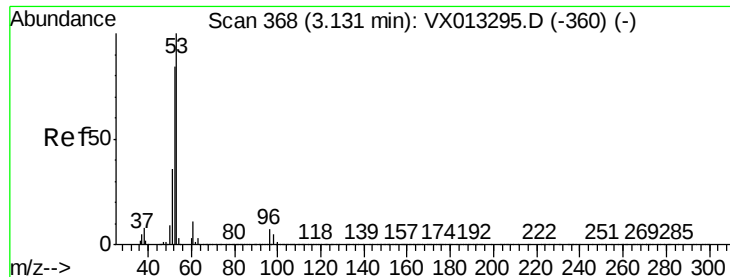
Ion Ratio Lower Upper

41 100

39 65.1 55.8 83.8

76 31.3 26.4 39.6





#15

Acrylonitrile

Concen: 105.234 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

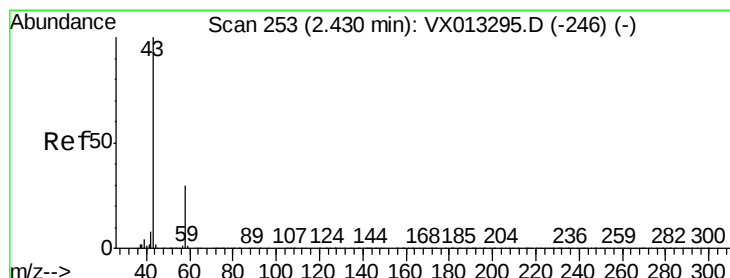
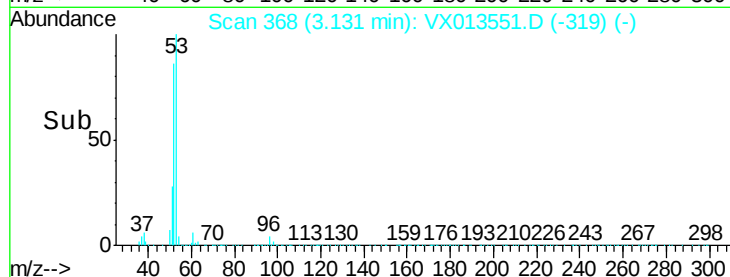
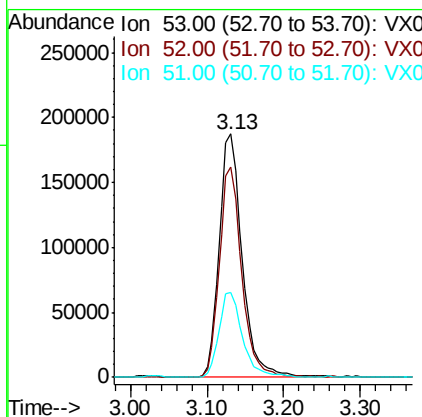
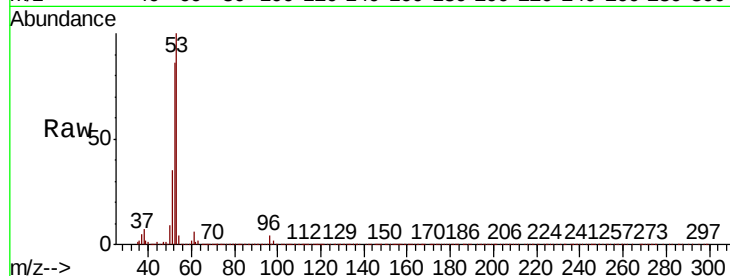
ClientSampleId :

VX1122WBS03

Tot Ion:	53	Resp:	389010
Ion Ratio		Lower	Upper
53	100		
52	83.7	67.4	101.0
51	35.6	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 98.979 ug/l

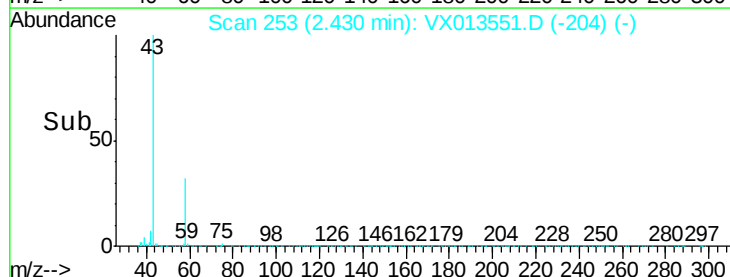
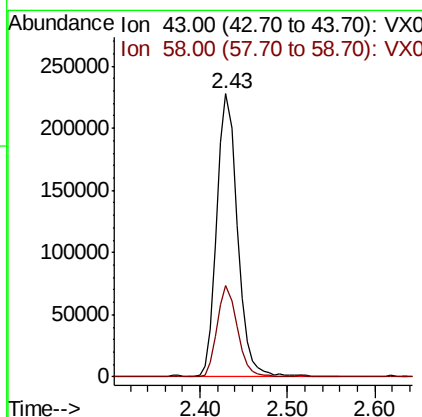
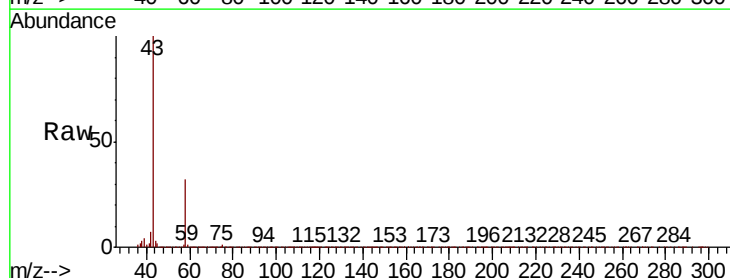
RT: 2.43 min Scan# 253

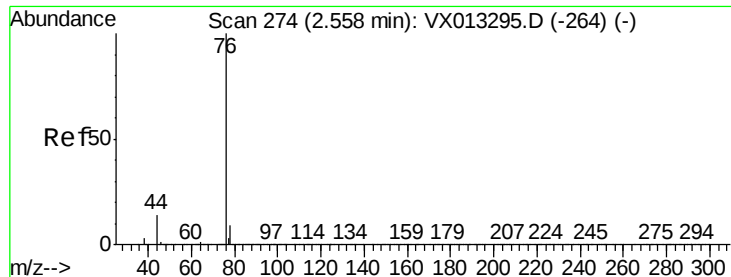
Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Tgt Ion:	43	Resp:	370678
Ion Ratio		Lower	Upper
43	100		
58	32.2	24.3	36.5





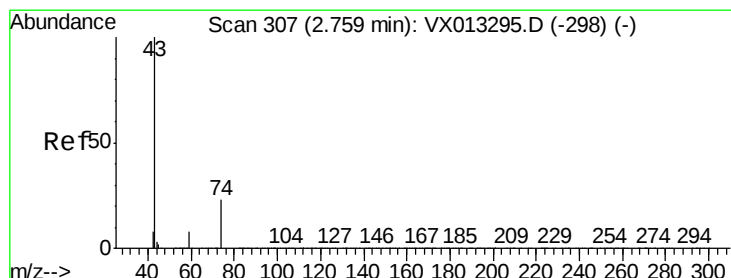
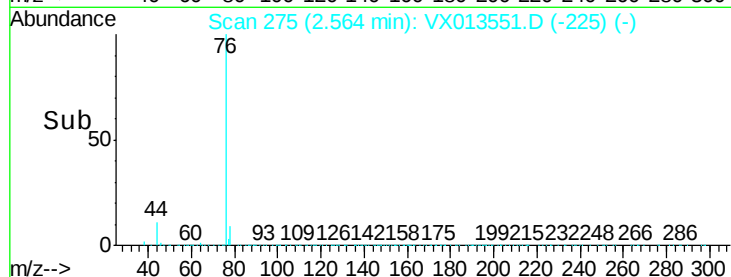
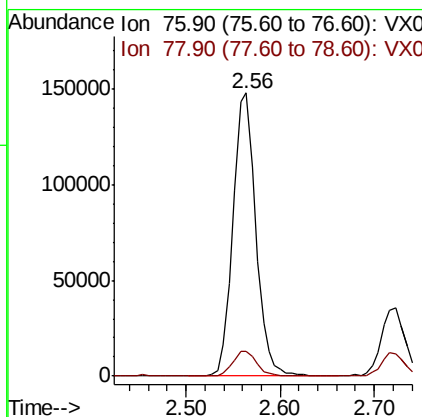
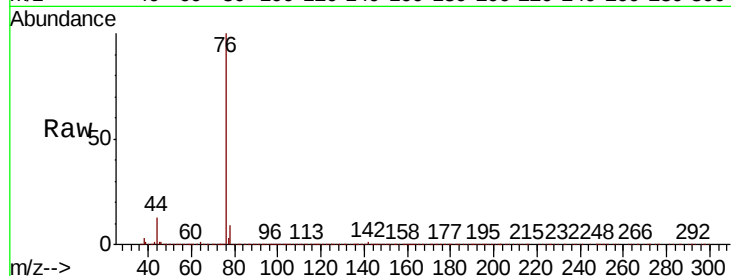
#17
Carbon Disulfide
Concen: 16.077 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.6

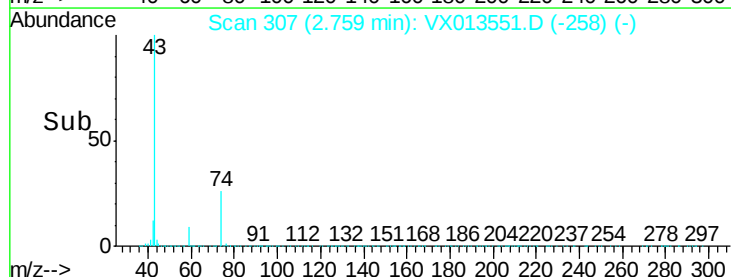
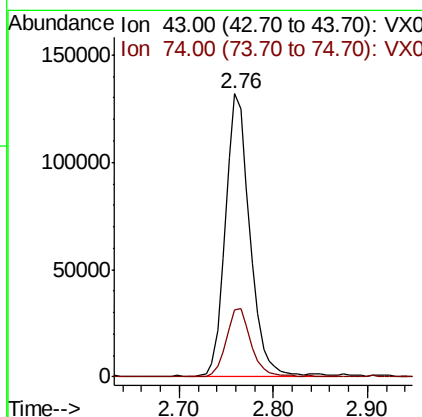
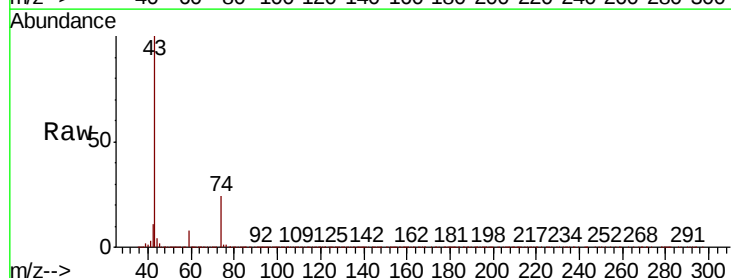
Manual Integrations
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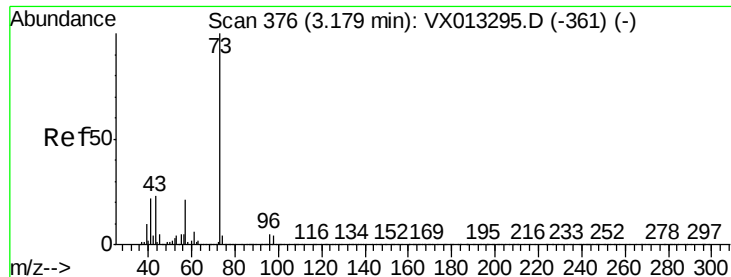
MMDadoda
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#18
Methyl Acetate
Concen: 23.227 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	19.0	28.6





#19

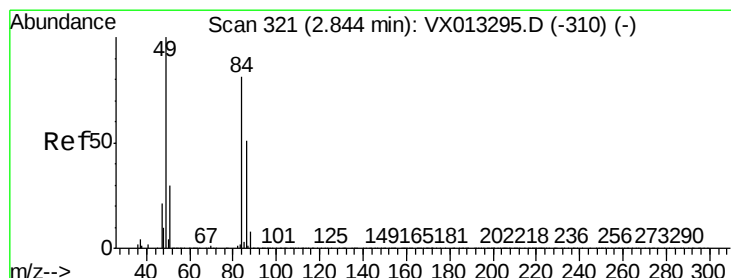
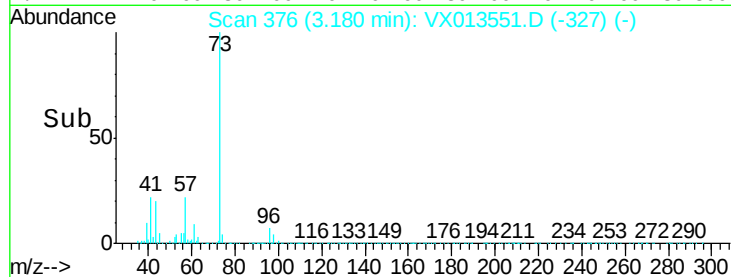
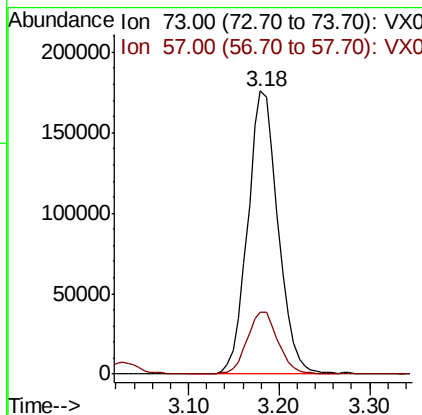
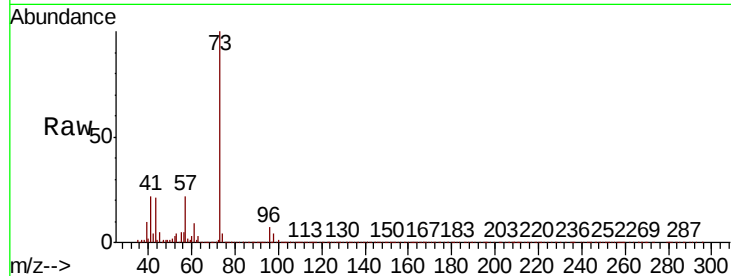
Methvl tert-butvl Ether
Concen: 20.954 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.1	25.7

Manual Integrations
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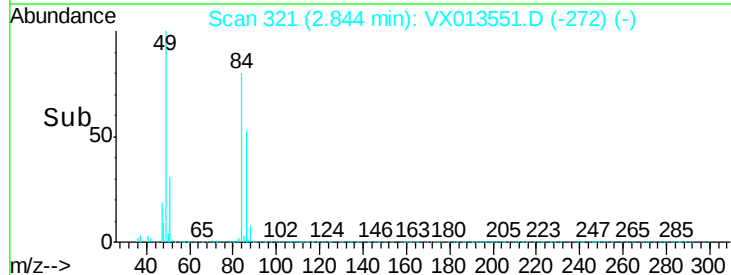
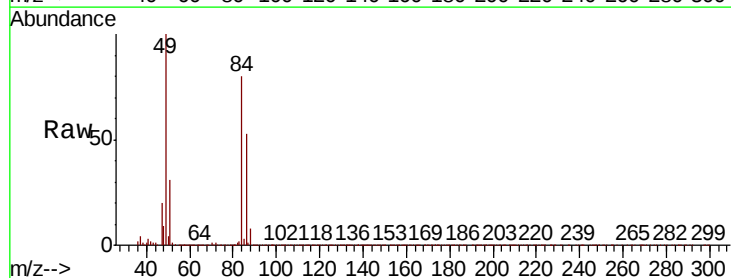
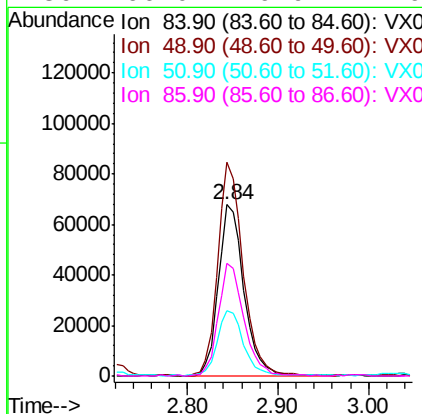
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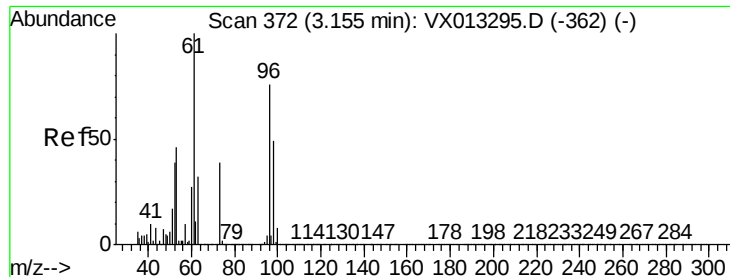


#20

Methylene Chloride
Concen: 19.155 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.7	98.2	147.4
51	38.1	29.9	44.9
86	66.0	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 19.244 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

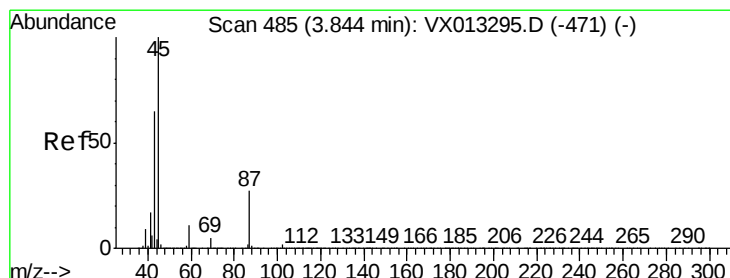
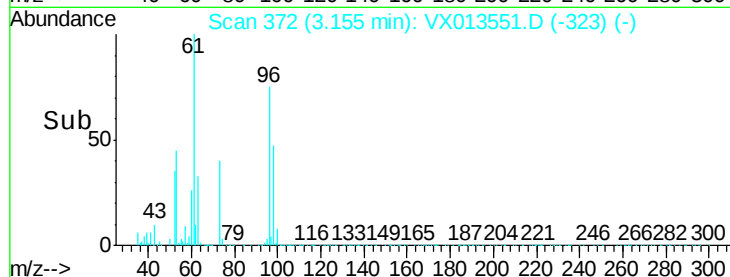
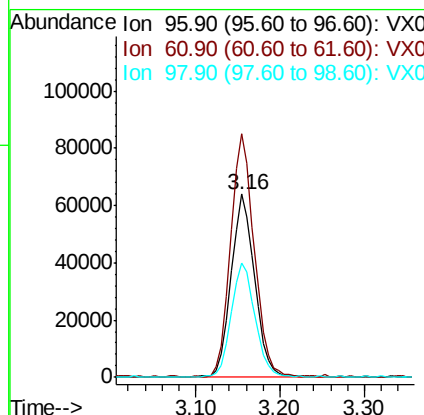
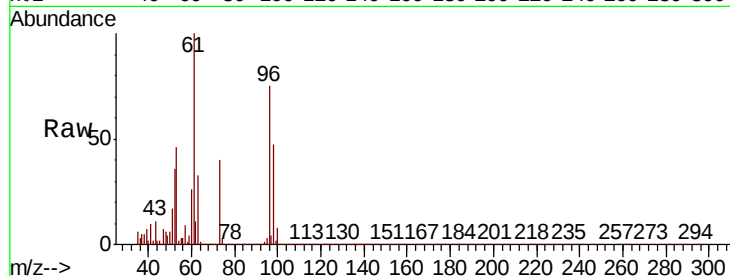
ClientSampleId :

VX1122WBS03

Tot Ion:	96	Resp:	121810
Ion	Ratio	Lower	Upper
96	100		
61	132.6	105.8	158.6
98	62.1	51.8	77.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.915 ug/l

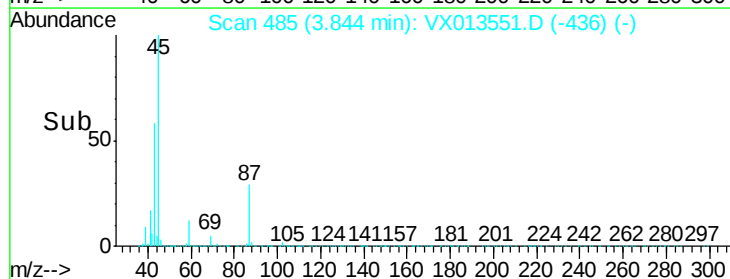
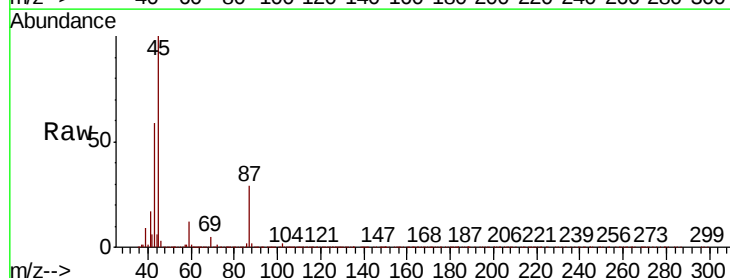
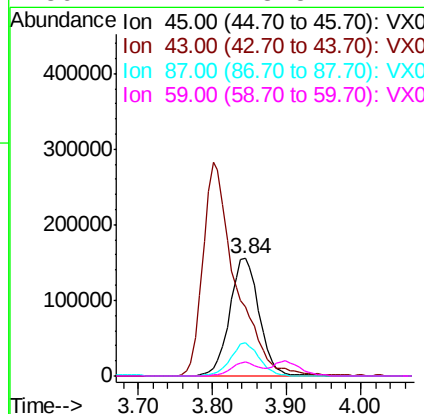
RT: 3.84 min Scan# 485

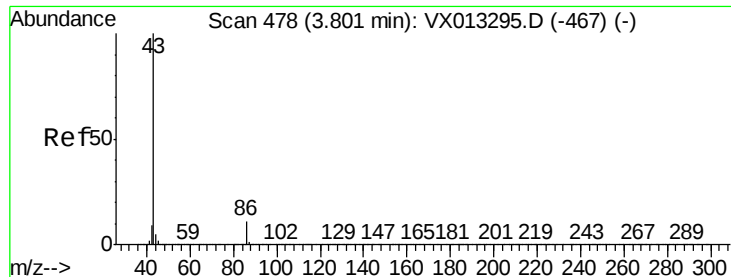
Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Tgt Ion:	45	Resp:	426505
Ion	Ratio	Lower	Upper
45	100		
43	58.0	54.2	81.2
87	28.8	21.8	32.8
59	12.1	8.5	12.7





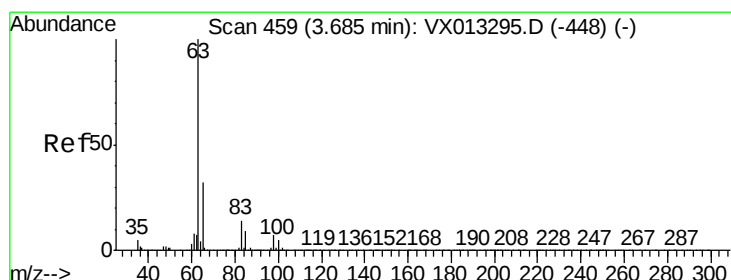
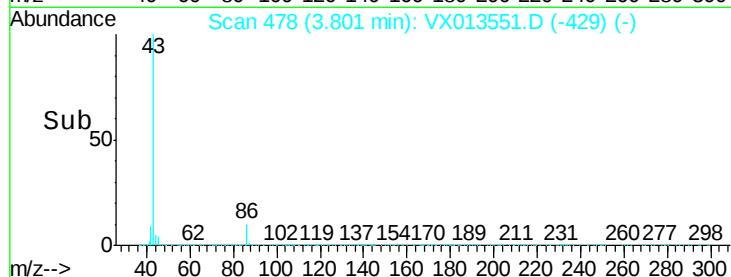
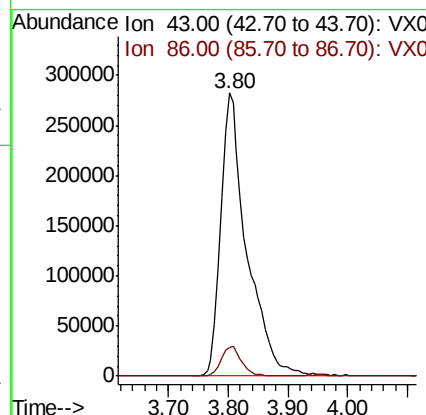
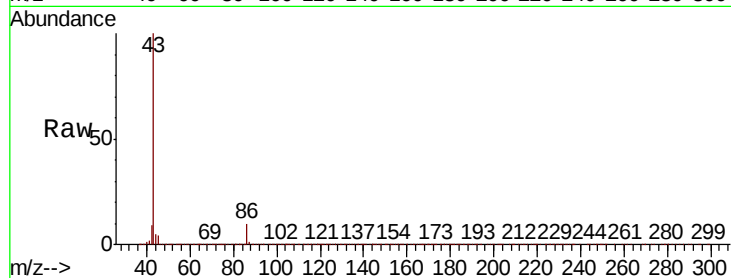
#23
 Vinyl Acetate
 Concen: 49.181 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX013551.D
 Acq: 22 Nov 2019 22:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS03

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.1	8.6	13.0

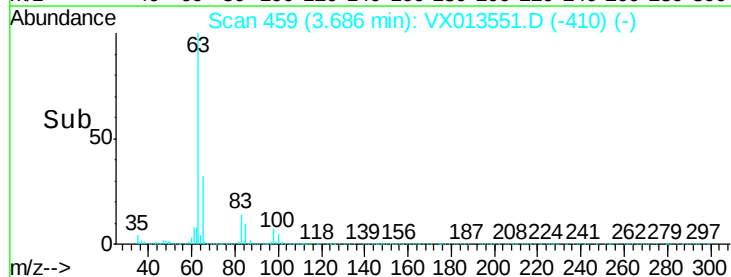
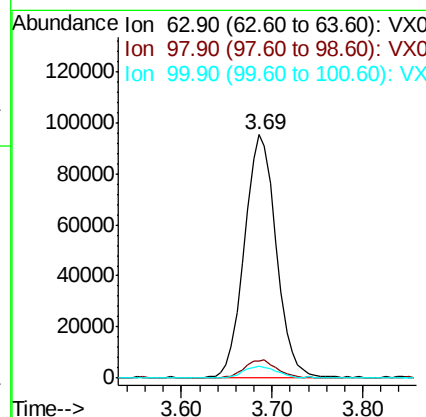
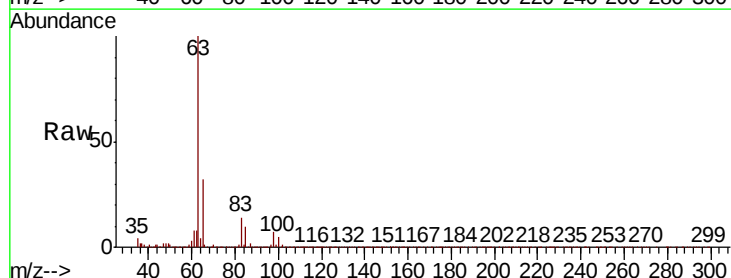
Manual Integrations
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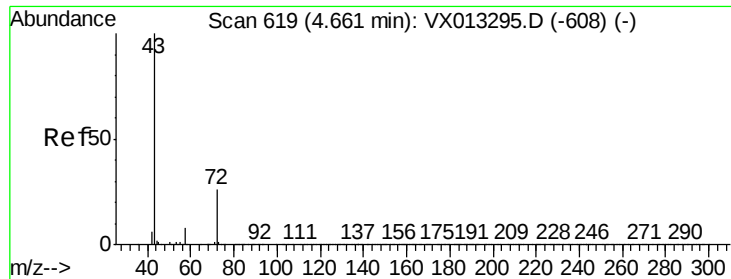
MMDadoda
 11/25/2019 10:39:48 AM



#24
 1,1-Dichloroethane
 Concen: 20.373 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX013551.D
 Acq: 22 Nov 2019 22:57

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.5	10.4
100	5.0	2.4	7.2





#25

2-Butanone

Concen: 101.875 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

Tot Ion: 43 Resp: 559701

Ion Ratio Lower Upper

43 100

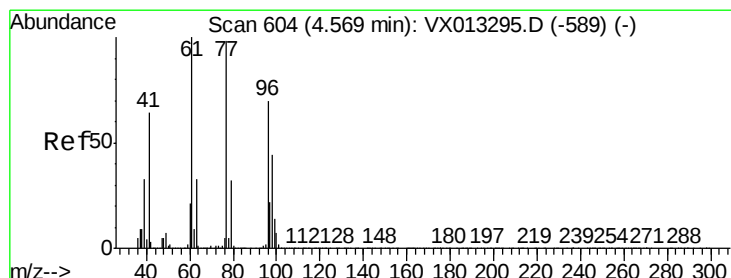
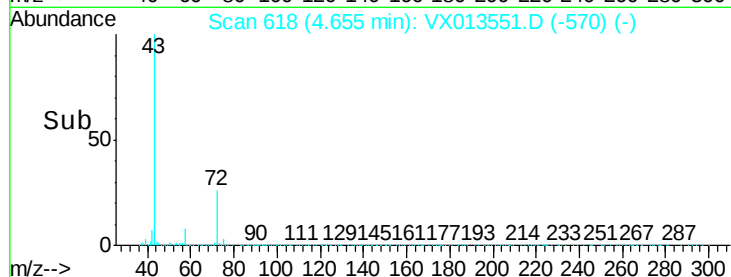
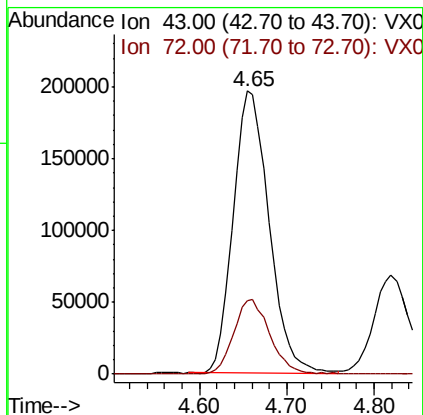
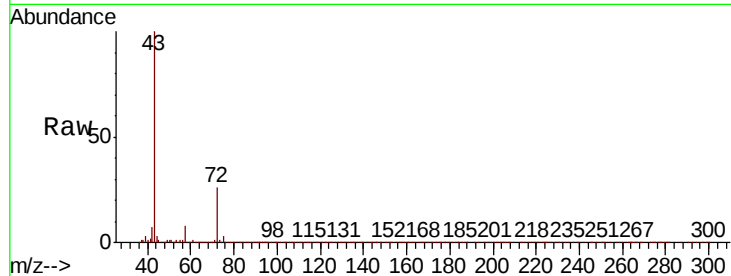
72 25.9 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.365 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX013551.D

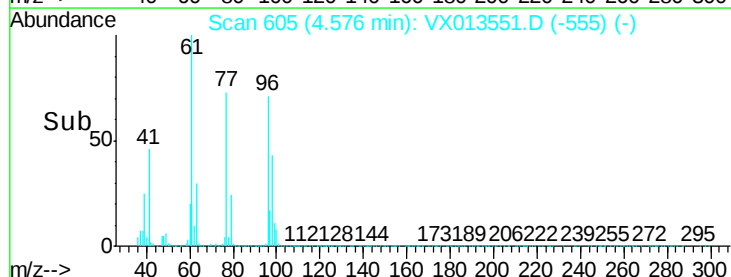
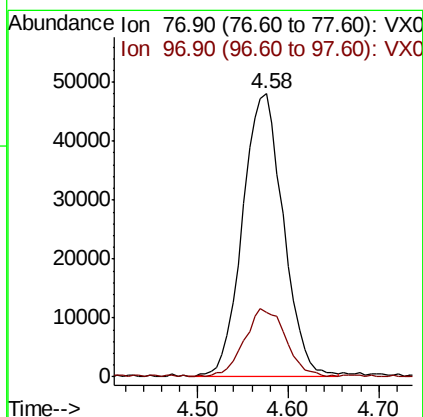
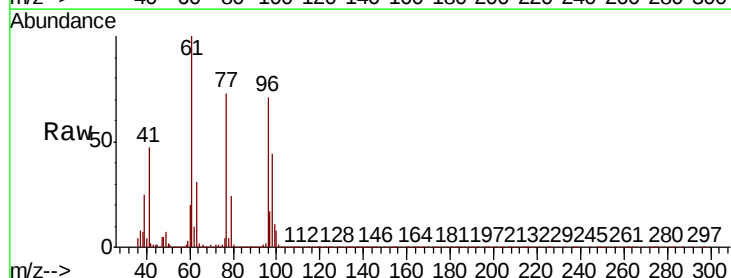
Acq: 22 Nov 2019 22:57

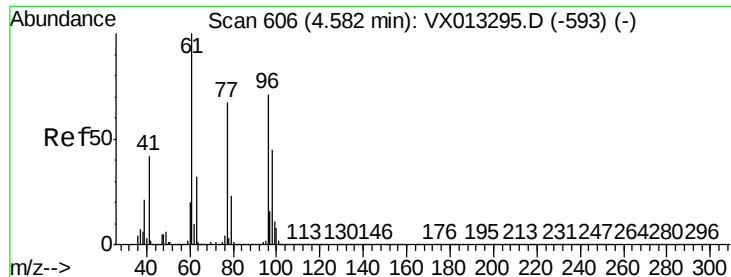
Tgt Ion: 77 Resp: 148513

Ion Ratio Lower Upper

77 100

97 24.0 11.3 33.8





#27

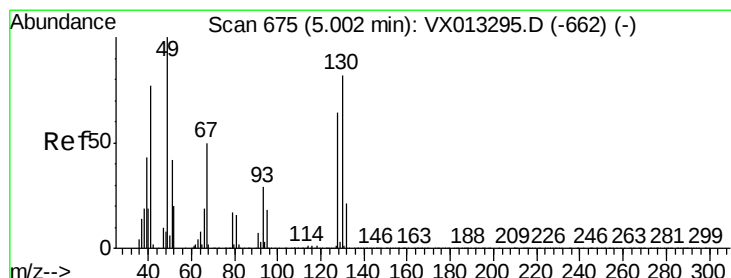
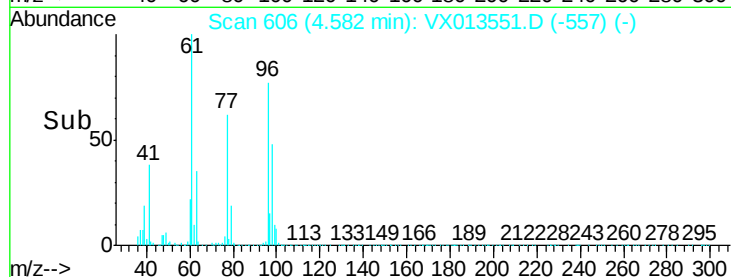
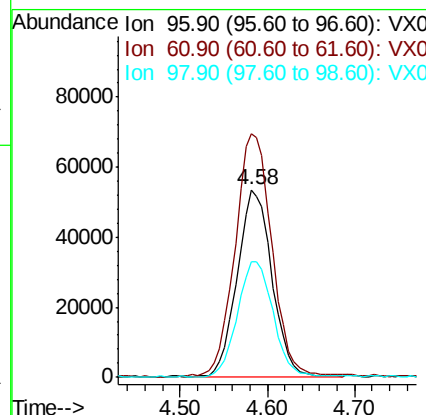
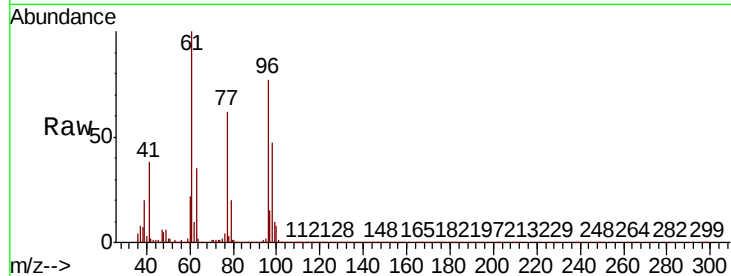
cis-1,2-Dichloroethene
Concen: 20.786 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

Tot Ion	Ratio	Resp	Lower	Upper
96	100	147389		
61	139.3	0.0	288.0	
98	63.3	0.0	129.6	

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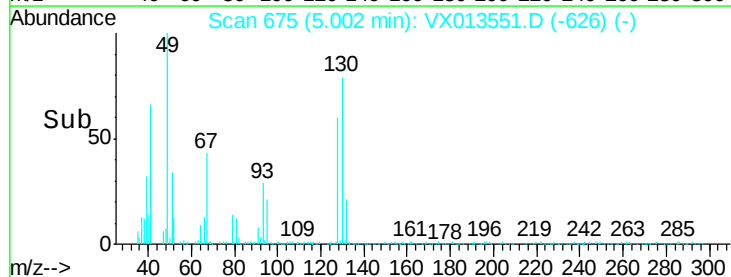
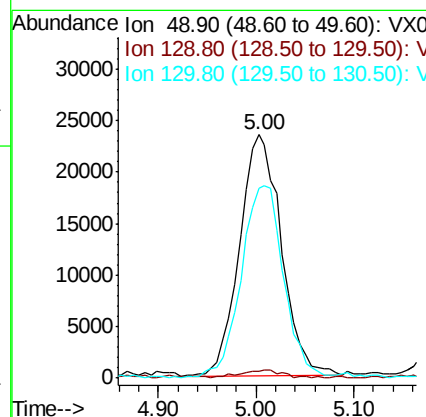
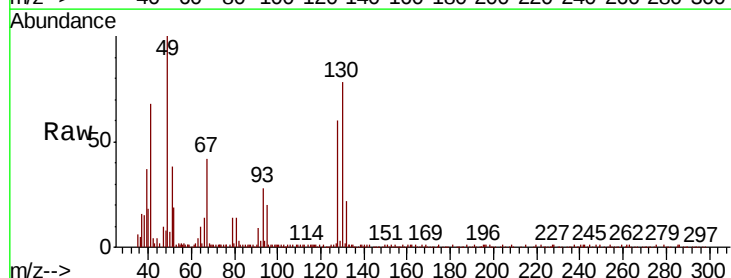
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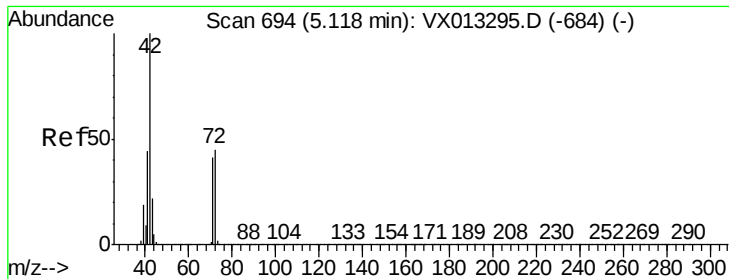


#28

Bromochloromethane
Concen: 21.475 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	69560		
129	3.5	0.0	5.2	
130	81.4	63.8	95.6	





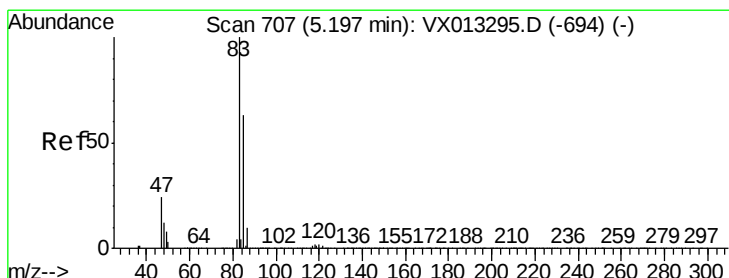
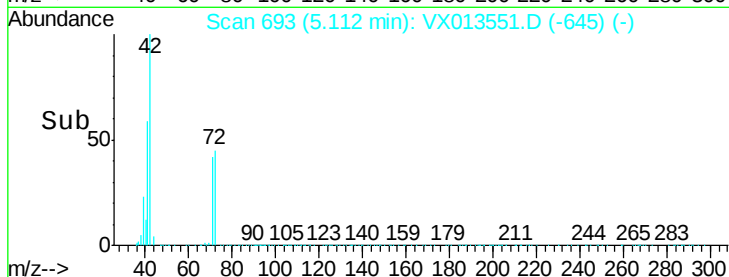
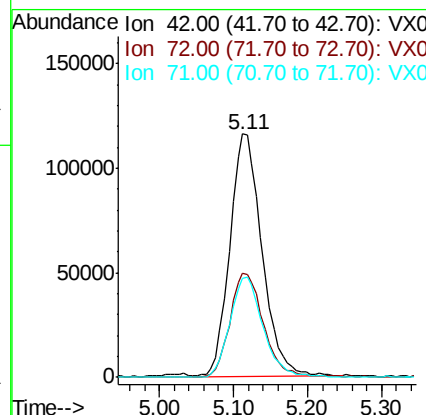
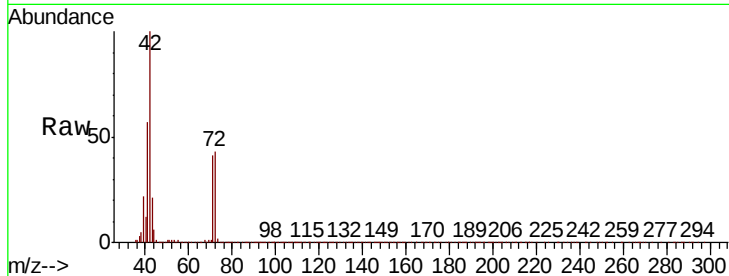
#29
Tetrahydrofuran
Concen: 103.354 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	35.8	53.8
71	42.0	33.4	50.0

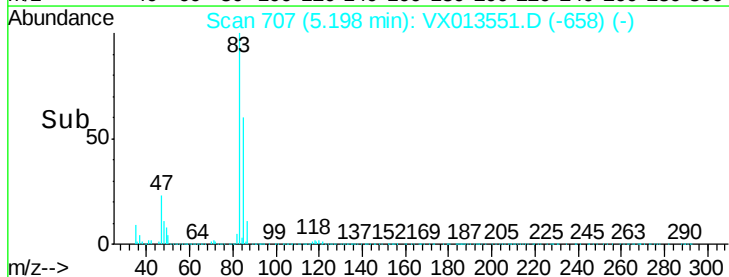
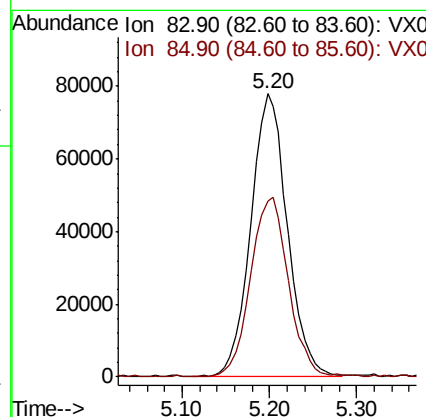
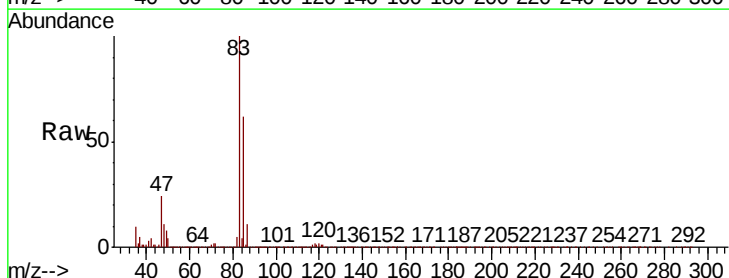
Manual Integrations
APPROVED

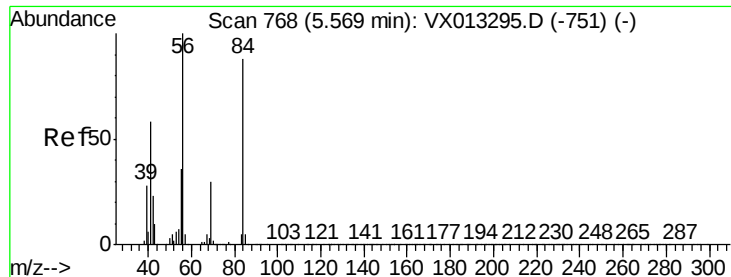
MMDadoda
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#30
Chloroform
Concen: 19.996 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.2	75.4





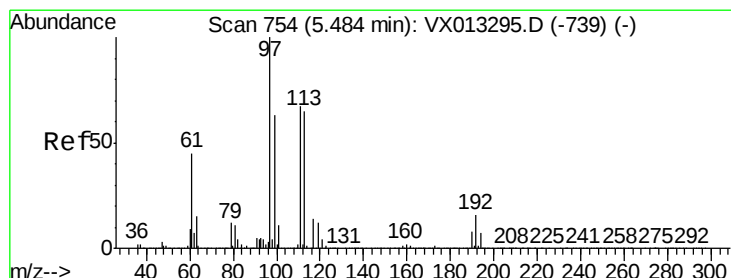
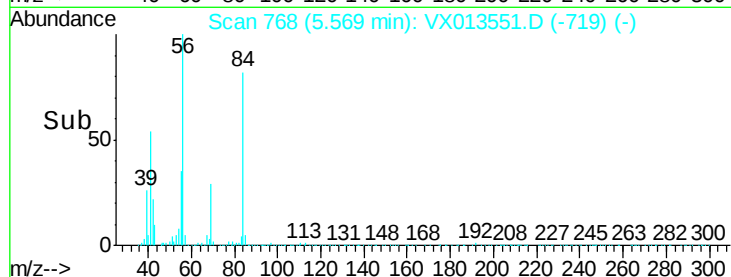
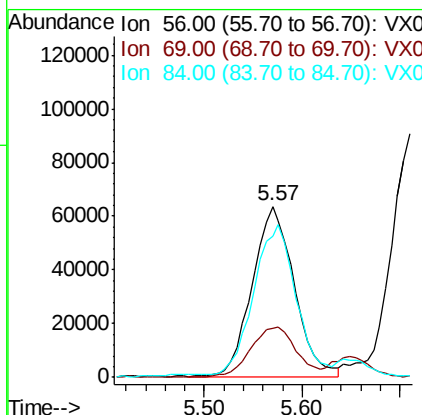
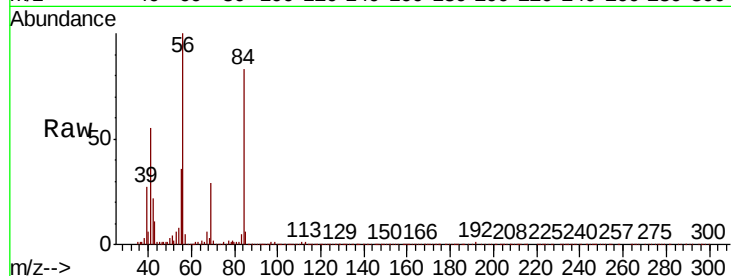
#31
Cyclohexane
Concen: 18.407 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.5	23.7	35.5
84	81.2	70.6	105.8

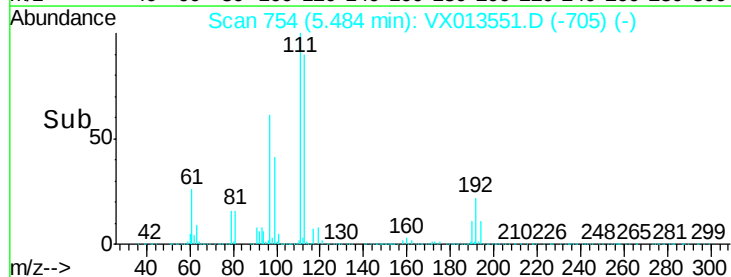
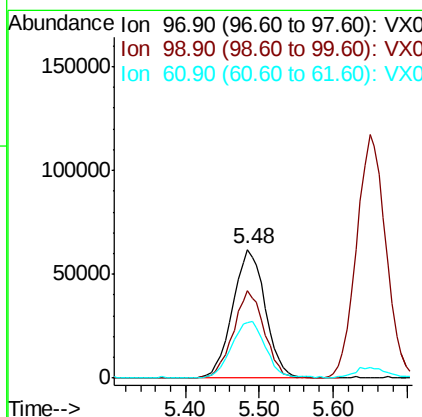
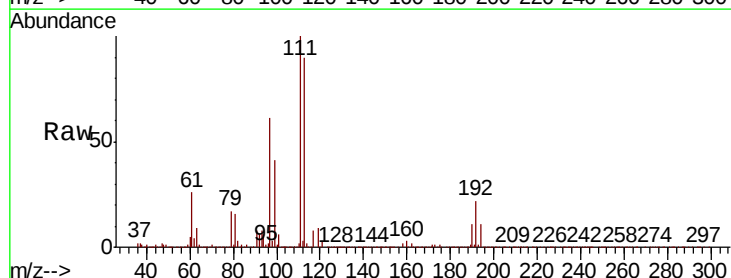
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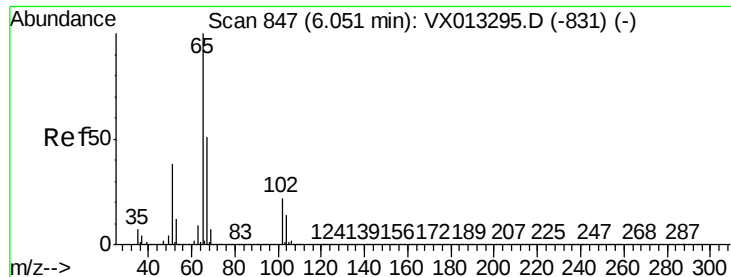
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#32
1,1,1-Trichloroethane
Concen: 19.540 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.1	76.7
61	45.4	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 46.566 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

Tot Ion: 65 Resp: 349634

Ion Ratio Lower Upper

65 100

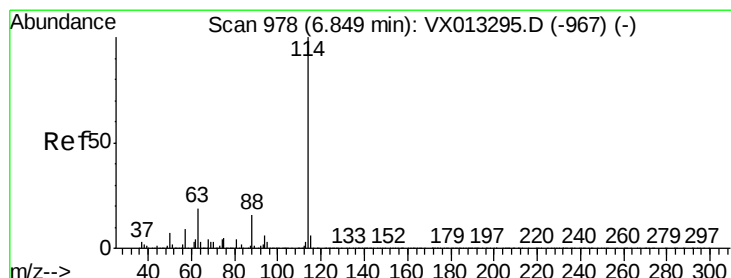
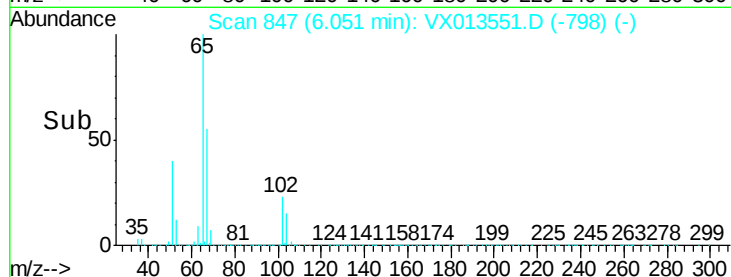
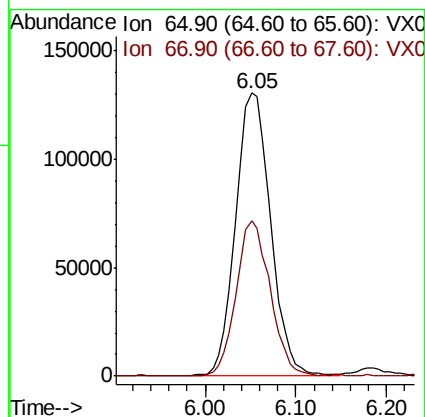
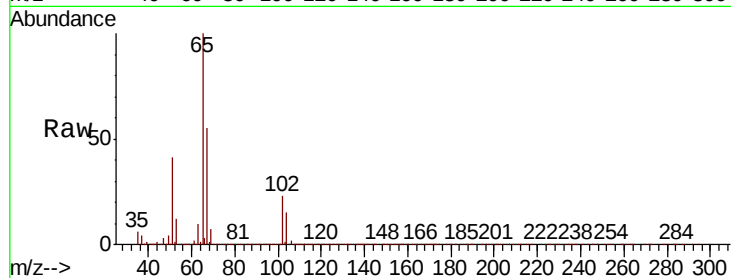
67 53.2 0.0 104.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

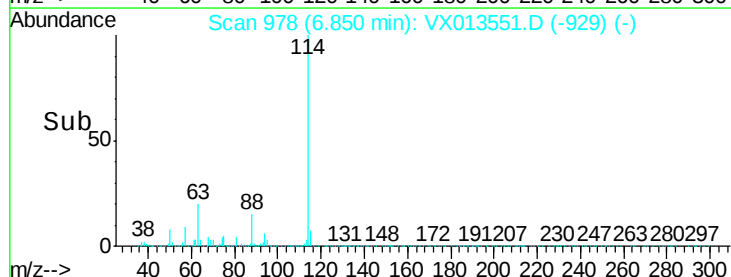
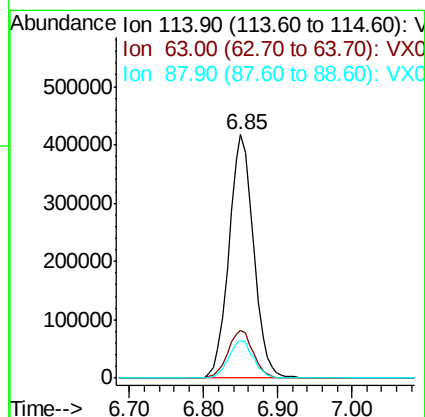
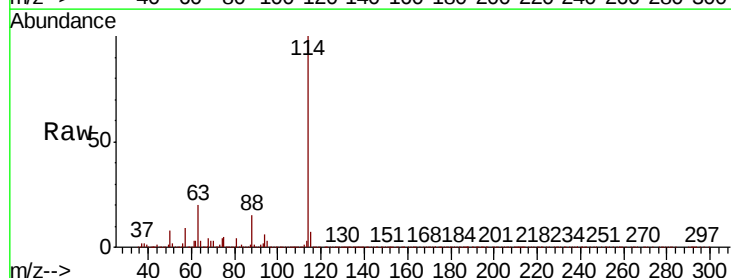
Tgt Ion: 114 Resp: 966485

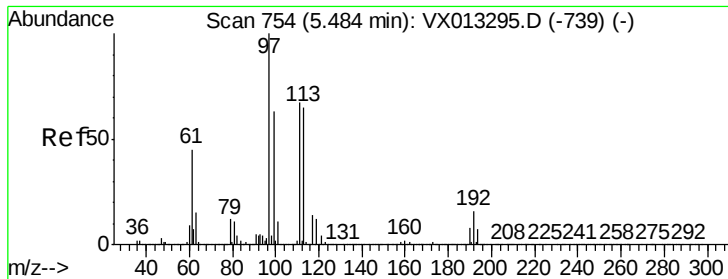
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

88 15.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 45.915 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

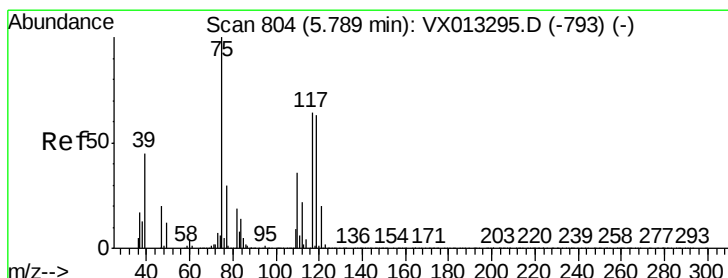
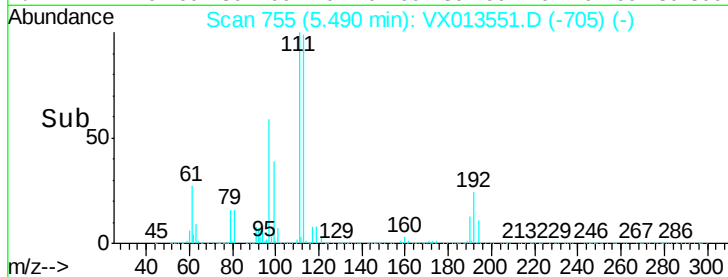
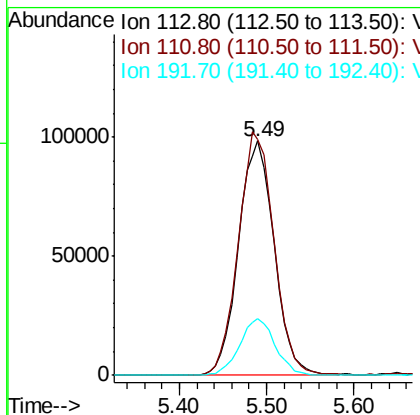
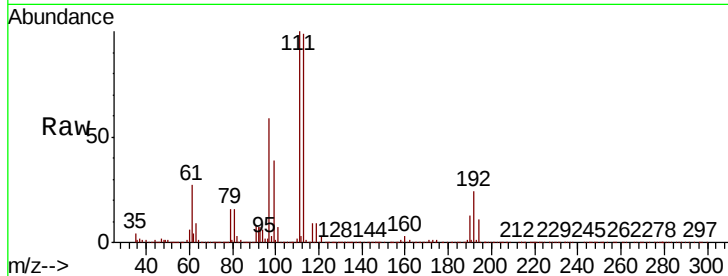
ClientSampleId :

VX1122WBS03

Tot Ion:	113	Resp:	278330
Ion Ratio	Lower	Upper	
113	100		
111	104.0	81.9	122.9
192	23.7	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 19.699 ug/l

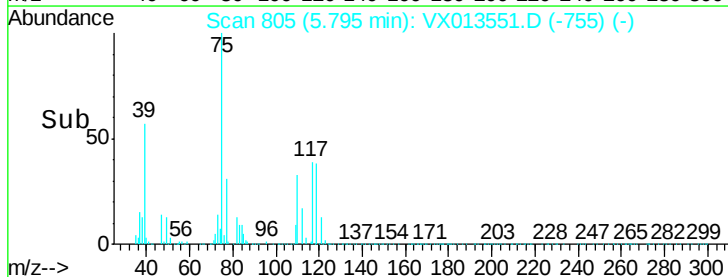
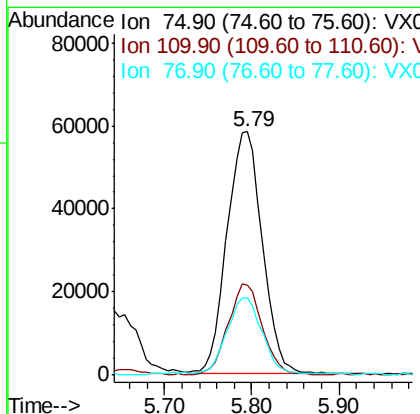
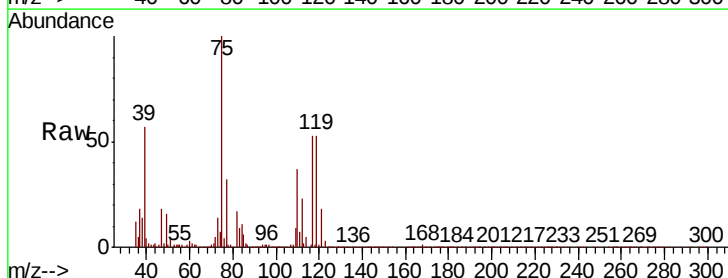
RT: 5.79 min Scan# 805

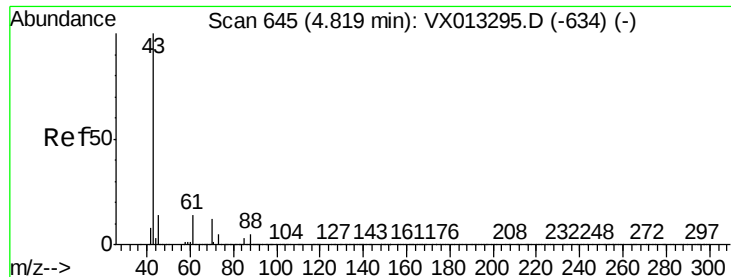
Delta R.T. 0.01 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Tgt Ion:	75	Resp:	163330
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.1	54.1
77	31.3	25.0	37.4





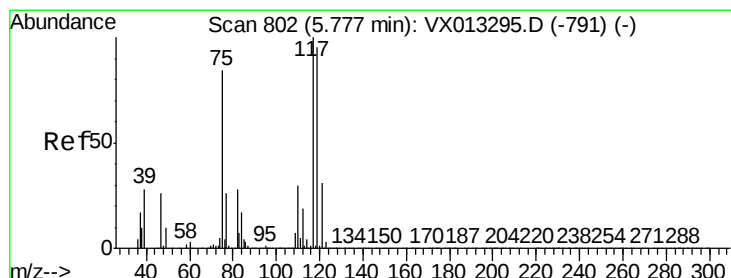
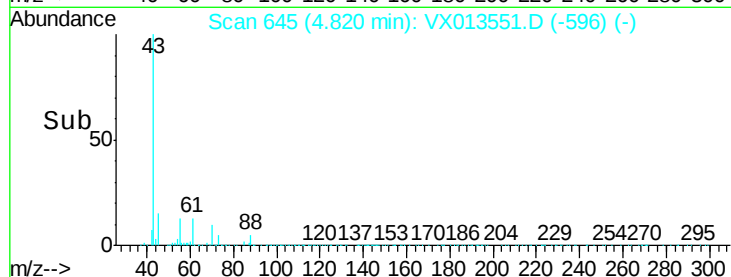
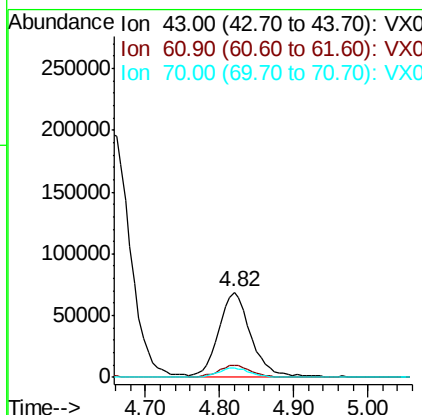
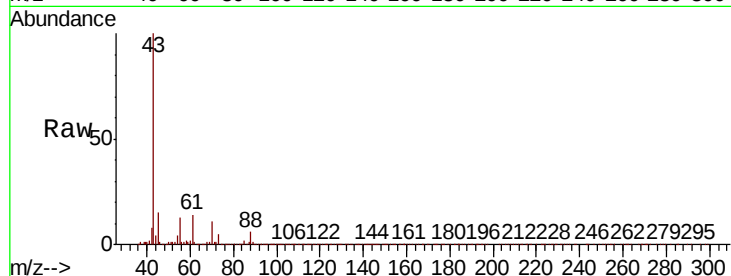
#37
Ethyl Acetate
Concen: 19.880 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

Tot Ion	43	Resp	203672
Ion Ratio	Lower	Upper	
43	100		
61	12.9	10.7	16.1
70	10.6	8.7	13.1

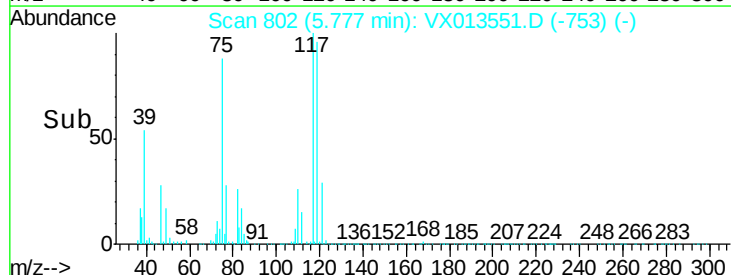
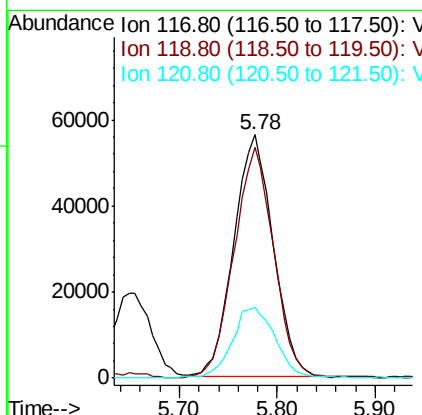
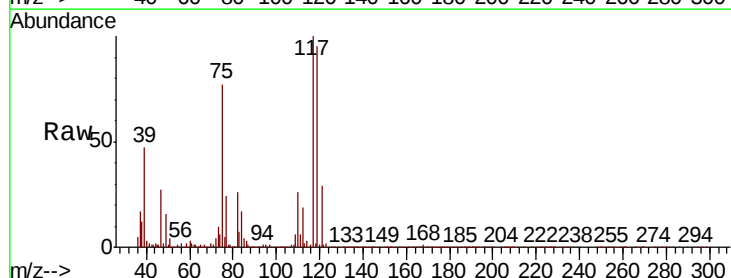
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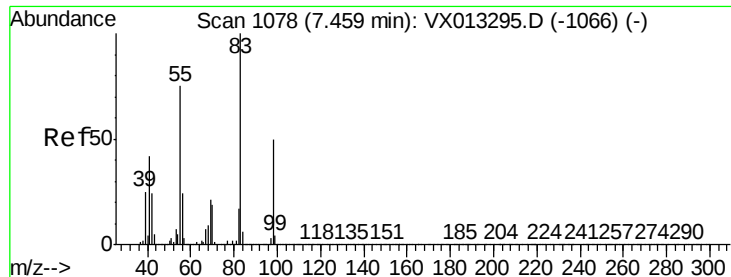
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#38
Carbon Tetrachloride
Concen: 19.456 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion	117	Resp	157744
Ion Ratio	Lower	Upper	
117	100		
119	94.9	76.1	114.1
121	28.9	24.6	37.0





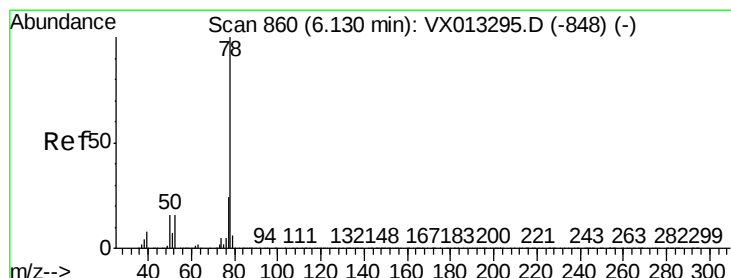
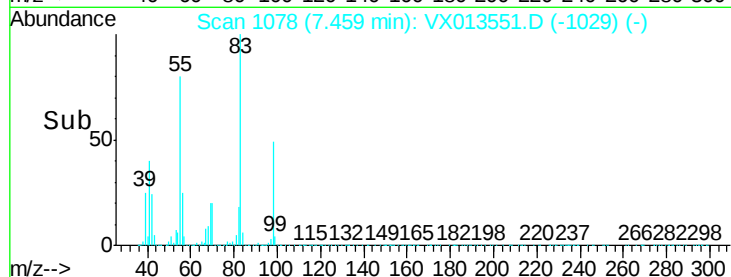
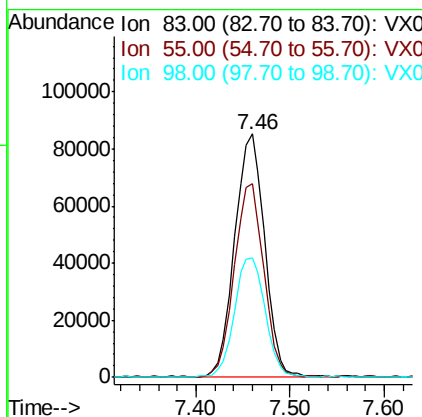
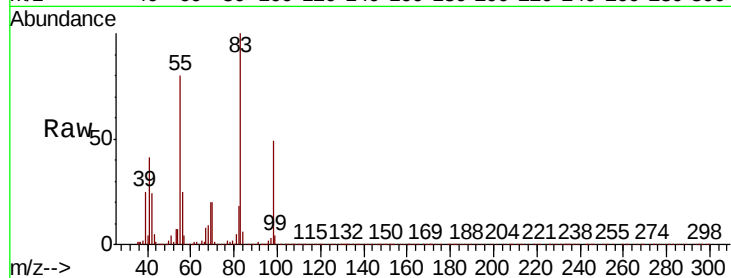
#39
Methvlcvclohexane
Concen: 18.339 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.5	60.3	90.5
98	48.8	40.3	60.5

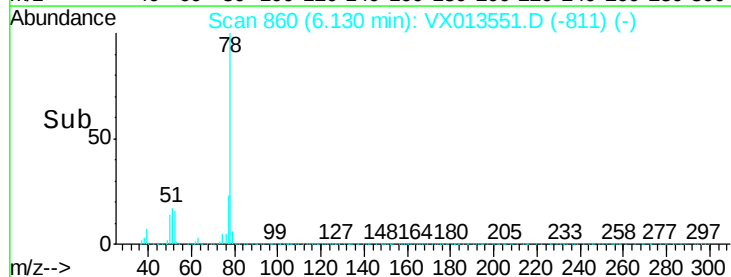
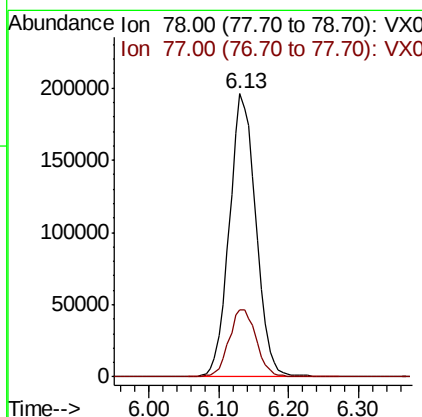
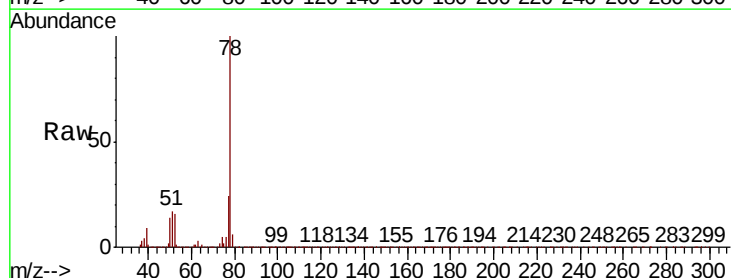
Manual Integrations
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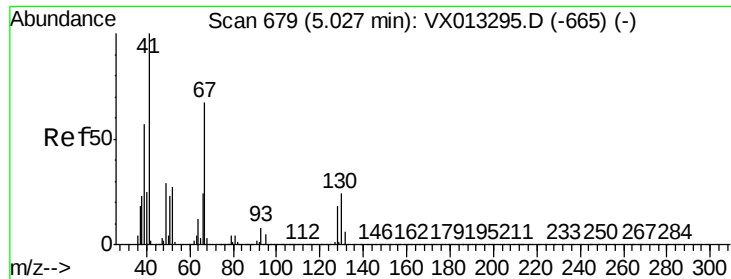
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#40
Benzene
Concen: 19.989 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.5	29.3





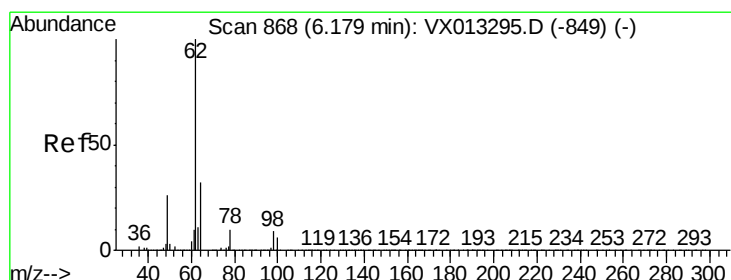
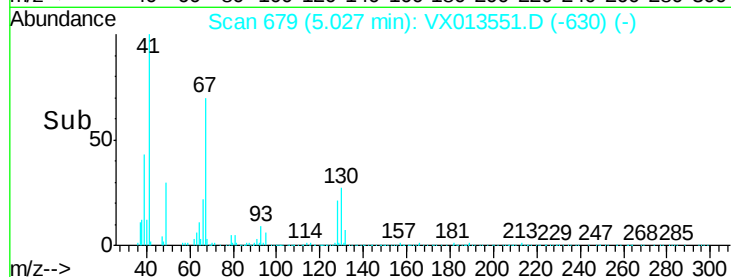
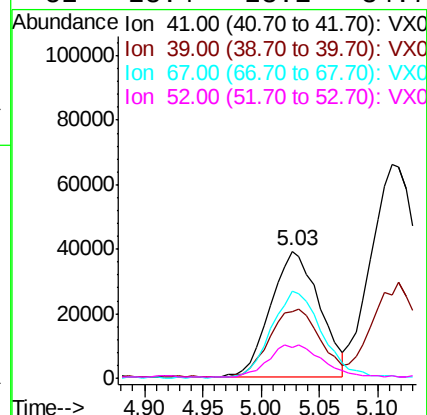
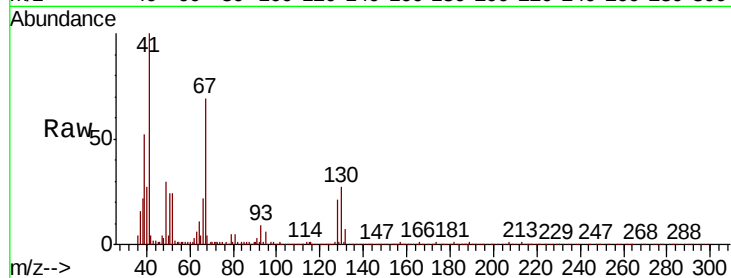
#41
Methacrylonitrile
Concen: 19.817 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.3	45.0	67.6		
67	71.3	55.4	83.2		
52	28.4	23.1	34.7		

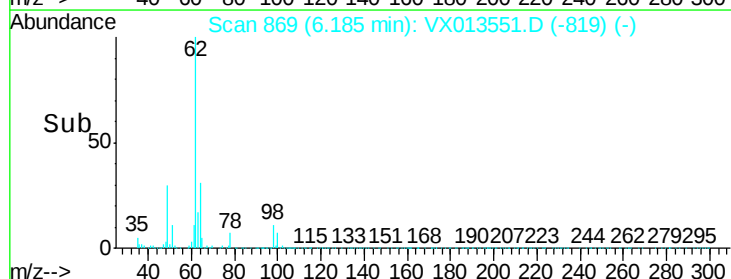
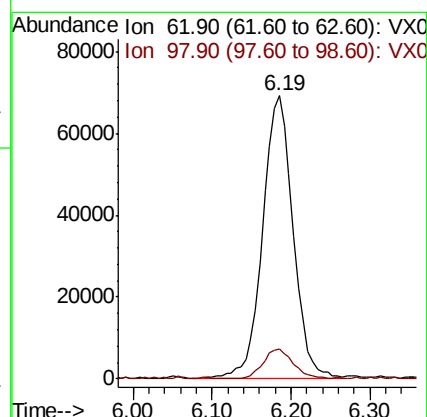
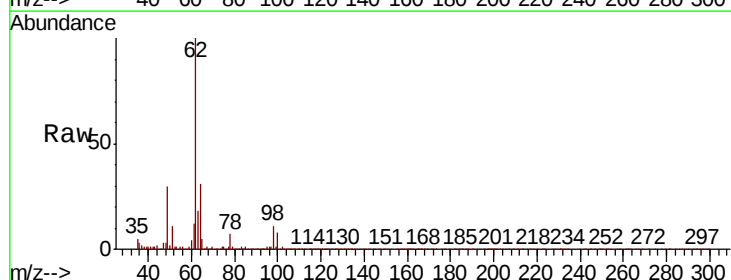
Manual Integrations
APPROVED

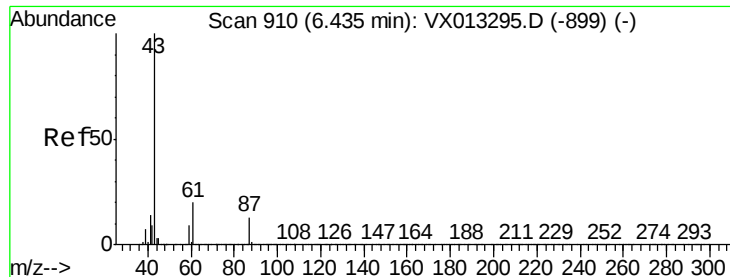
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11/25/2019 10:39:48 AM



#42
1,2-Dichloroethane
Concen: 19.990 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.0	0.0	19.4		





#43

Isopropyl Acetate

Concen: 20.416 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

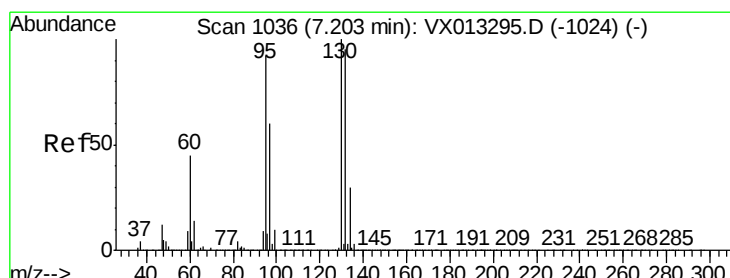
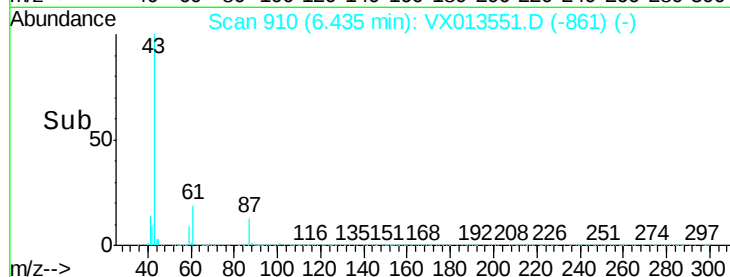
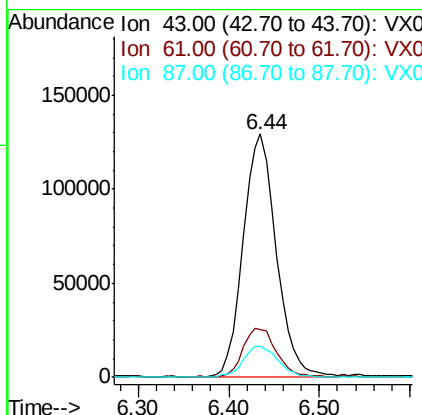
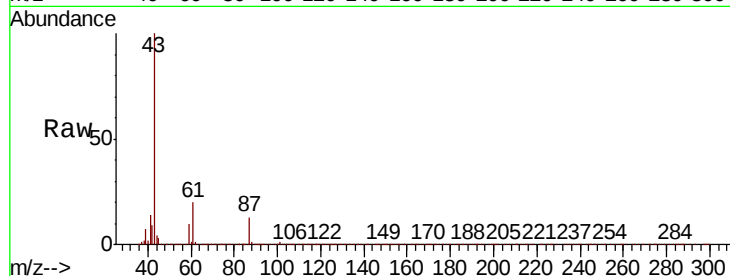
ClientSampleId :

VX1122WBS03

Tot Ion:	43	Resp:	325705
Ion	Ratio	Lower	Upper
43	100		
61	21.0	15.8	23.8
87	14.0	10.4	15.6

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#44

Trichloroethene

Concen: 21.650 ug/l

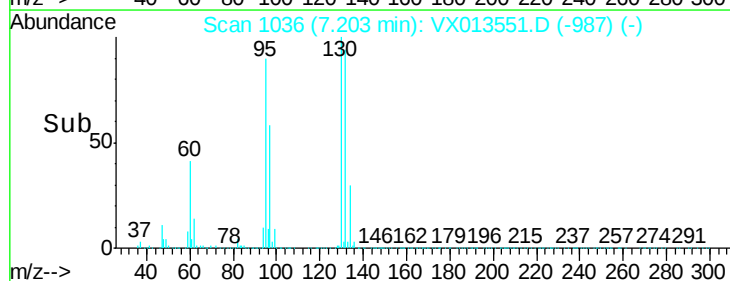
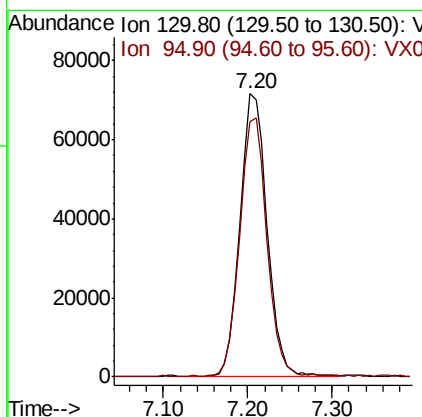
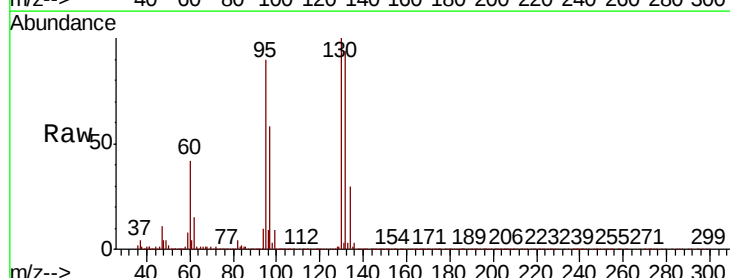
RT: 7.20 min Scan# 1036

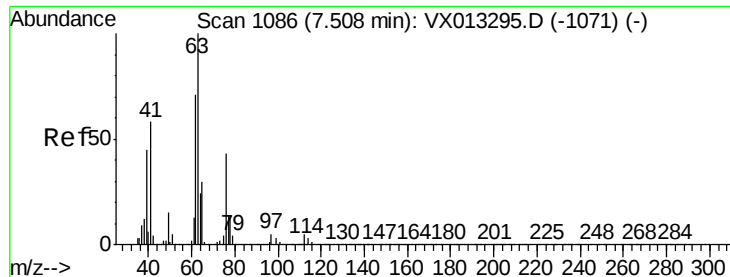
Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Tgt Ion:	130	Resp:	153916
Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	184.8





#45

1,2-Dichloropropane

Concen: 20.871 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

Tot Ion: 63 Resp: 137342

Ion Ratio Lower Upper

63 100

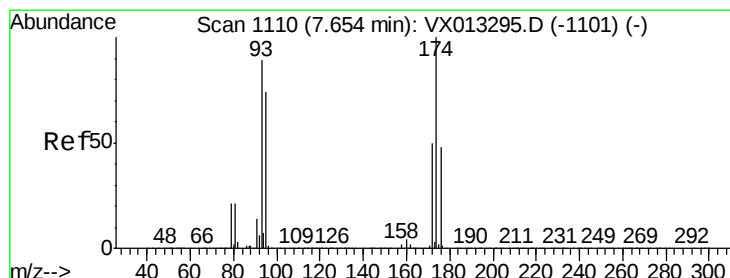
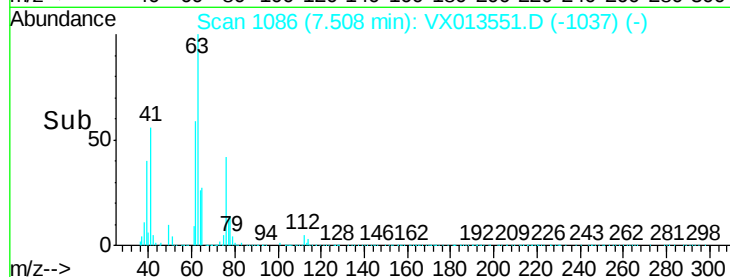
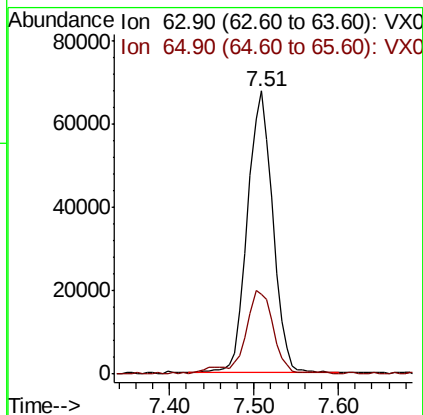
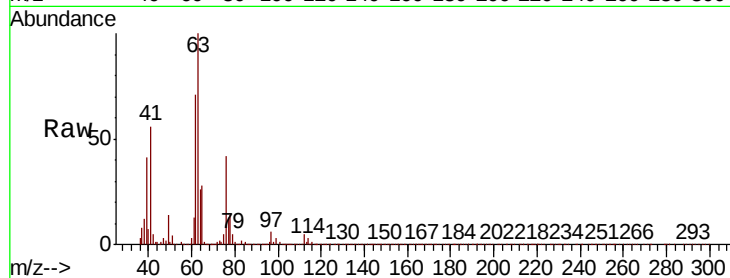
65 28.3 24.3 36.5

Manual Integrations

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#46

Dibromomethane

Concen: 20.072 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

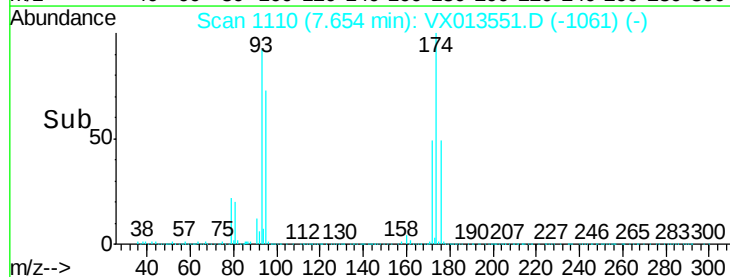
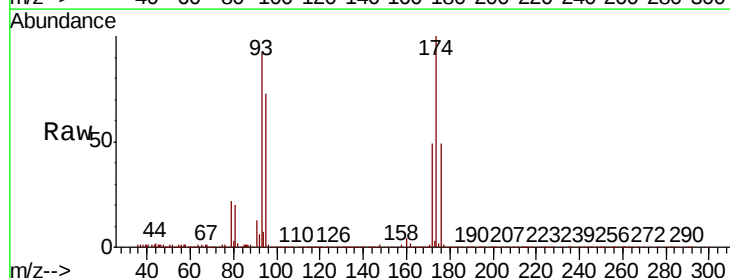
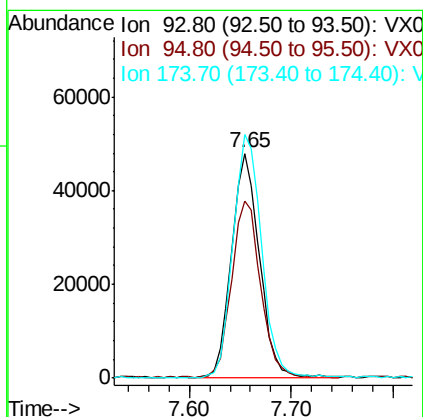
Tgt Ion: 93 Resp: 90187

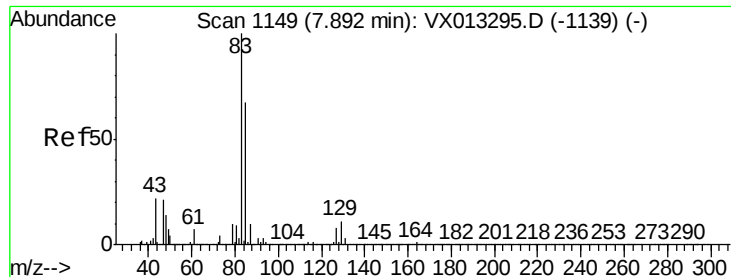
Ion Ratio Lower Upper

93 100

95 82.2 65.8 98.6

174 110.2 90.4 135.6





#47

Bromodichloromethane

Concen: 20.351 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

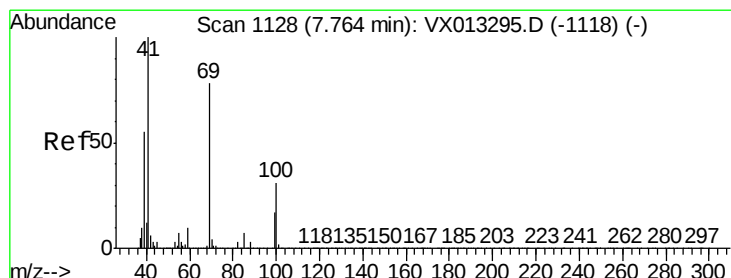
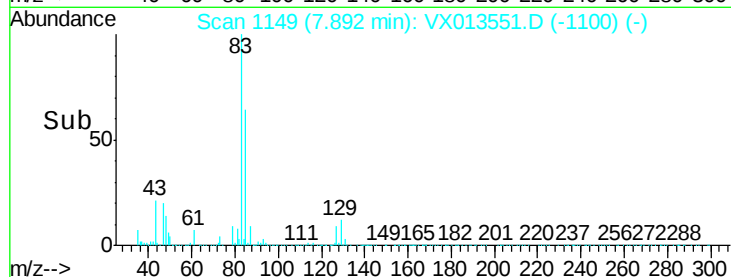
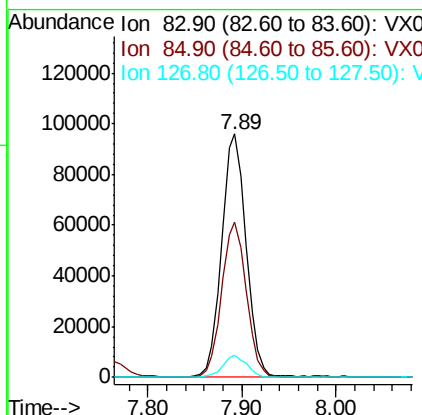
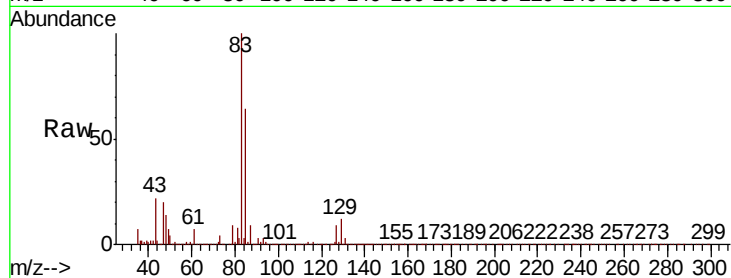
ClientSampleId :

VX1122WBS03

Tot Ion:	83	Resp:	172423
Ion Ratio	Lower	Upper	
83	100		
85	63.7	53.7	80.5
127	9.3	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.262 ug/l

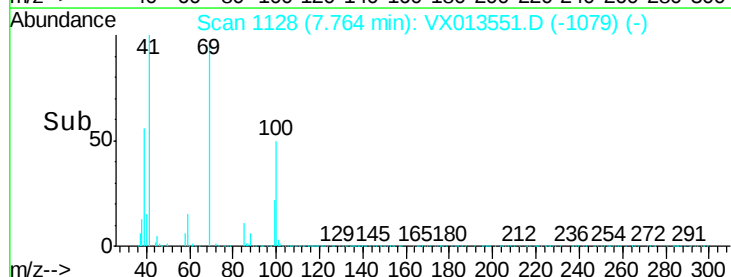
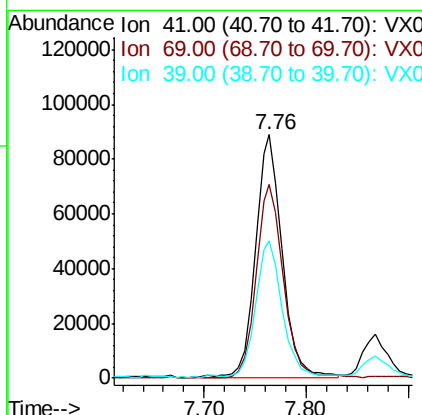
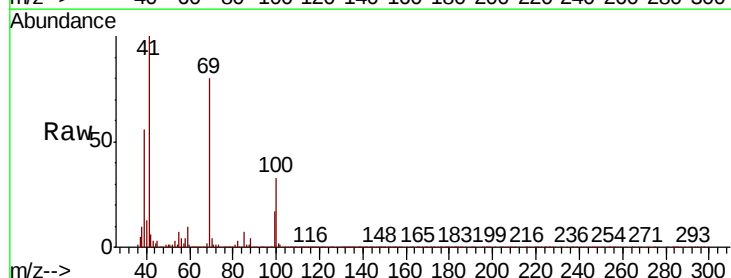
RT: 7.76 min Scan# 1128

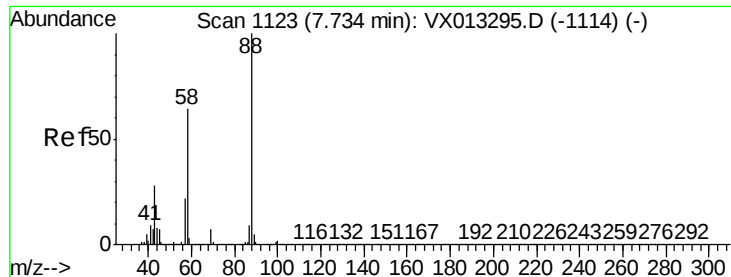
Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Tgt Ion:	41	Resp:	161360
Ion Ratio	Lower	Upper	
41	100		
69	81.0	63.0	94.6
39	55.4	45.9	68.9





#49

1,4-Dioxane

Concen: 352.578 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

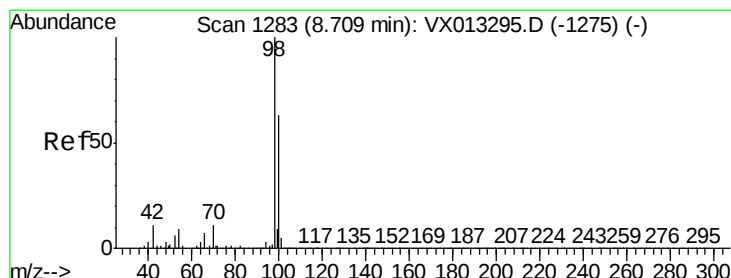
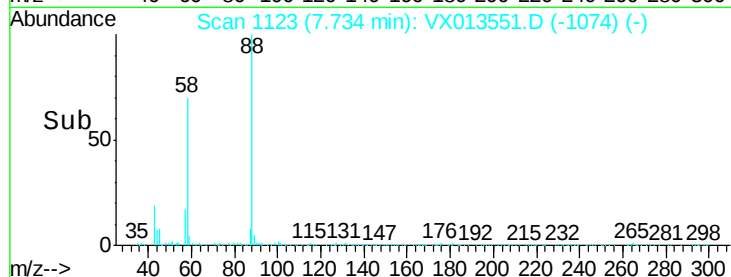
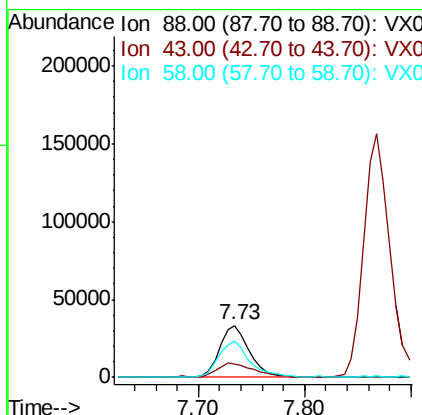
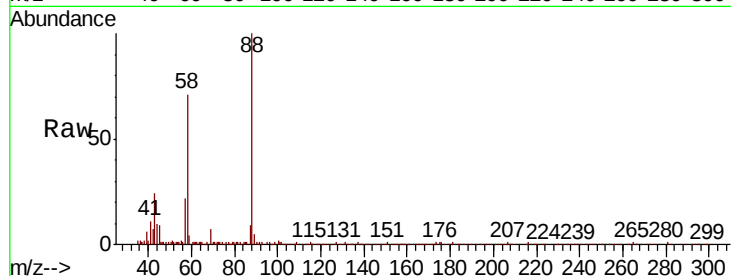
ClientSampleId :

VX1122WBS03

Tot Ion:	88	Resp:	64302
Ion Ratio	Lower	Upper	
88	100		
43	33.2	26.6	39.8
58	71.3	55.0	82.6

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#50

Toluene-d8

Concen: 47.476 ug/l

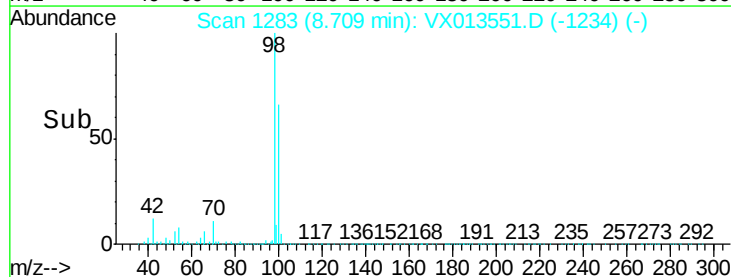
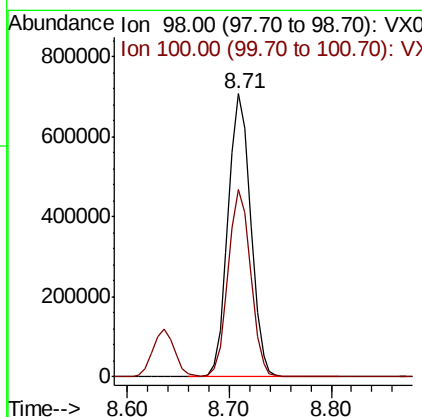
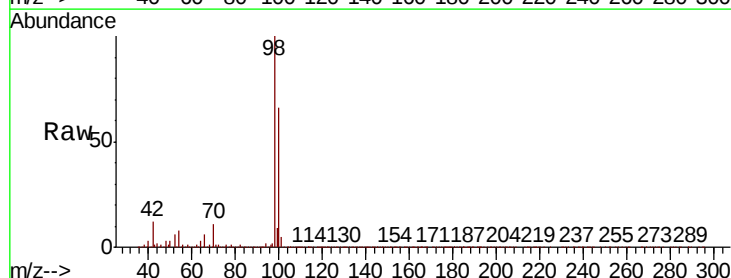
RT: 8.71 min Scan# 1283

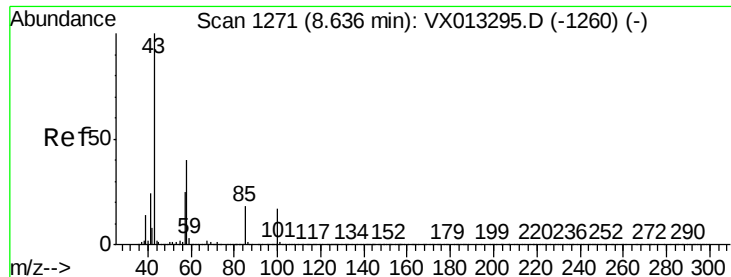
Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Tgt Ion:	98	Resp:	1084969
Ion Ratio	Lower	Upper	
98	100		
100	65.6	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 102.932 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

Tot Ion: 43 Resp: 1077384

Ion Ratio Lower Upper

43 100

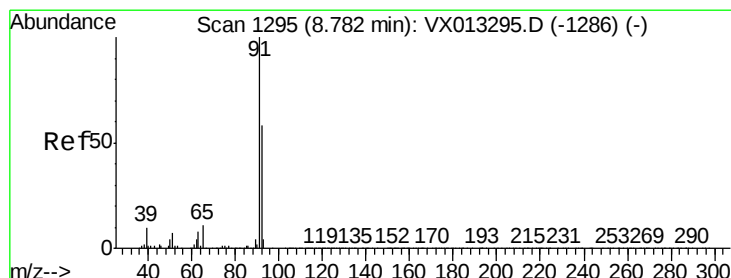
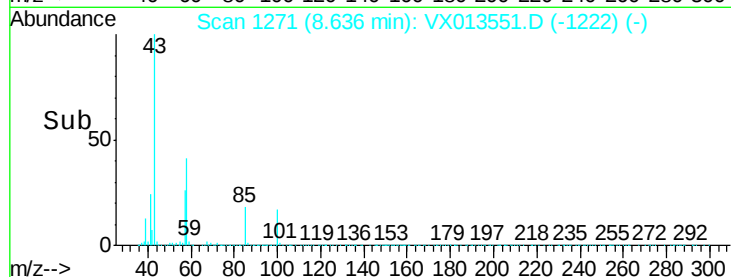
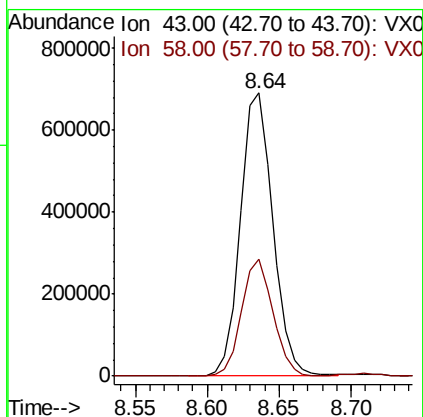
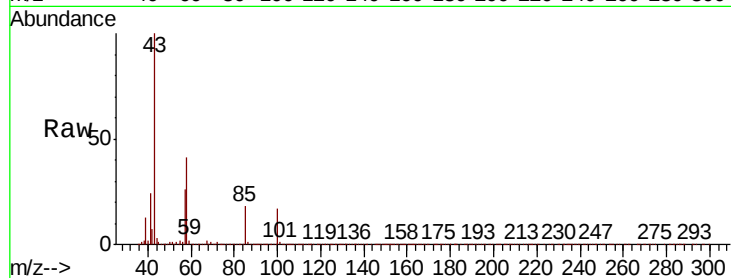
58 40.1 31.4 47.0

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#52

Toluene

Concen: 20.493 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013551.D

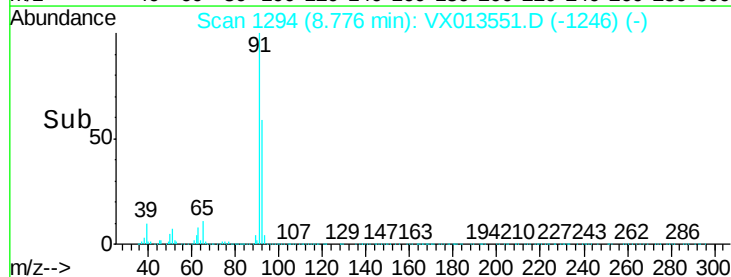
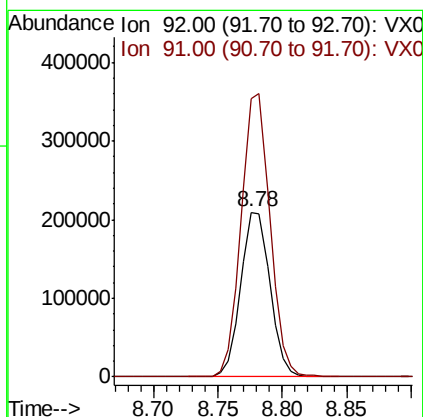
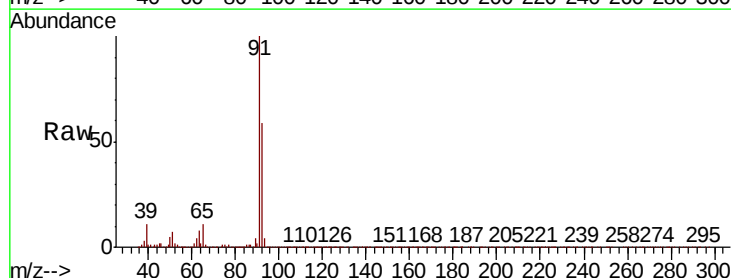
Acq: 22 Nov 2019 22:57

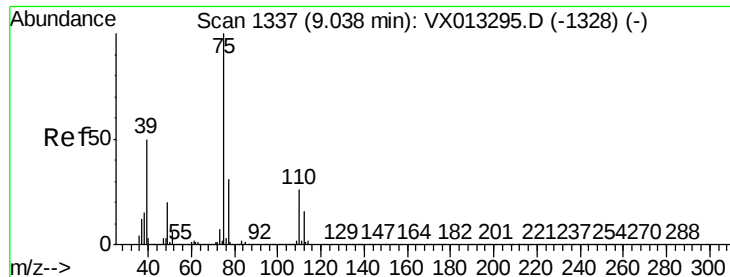
Tgt Ion: 92 Resp: 328045

Ion Ratio Lower Upper

92 100

91 170.0 138.0 207.0





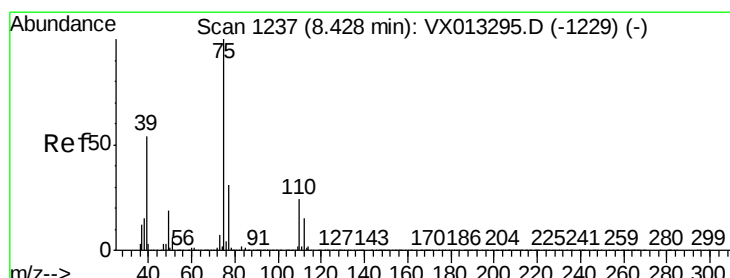
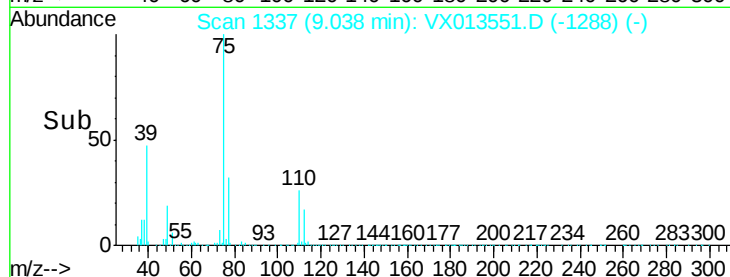
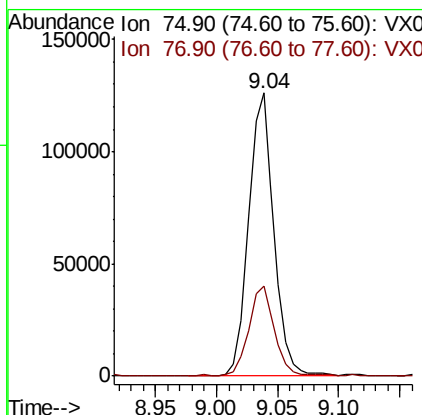
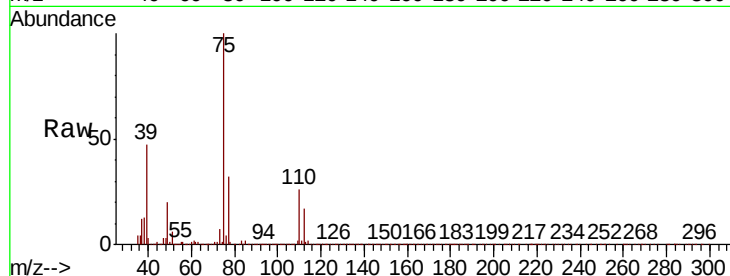
#53
t-1,3-Dichloropropene
Concen: 19.612 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.0	37.4

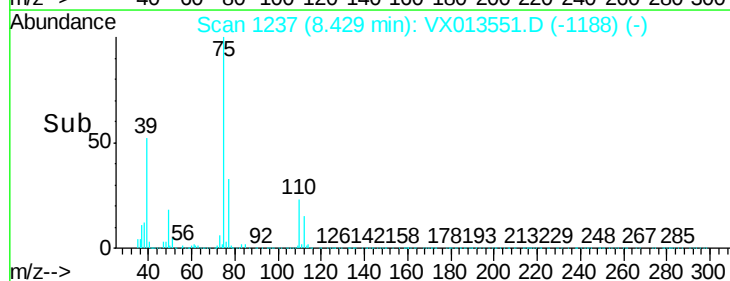
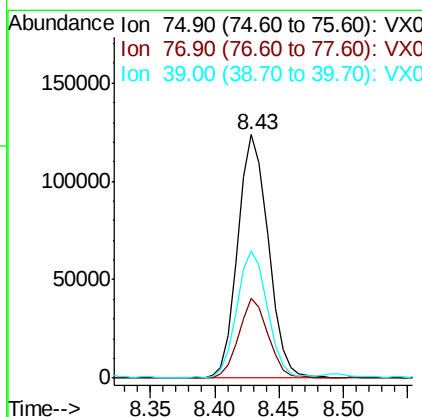
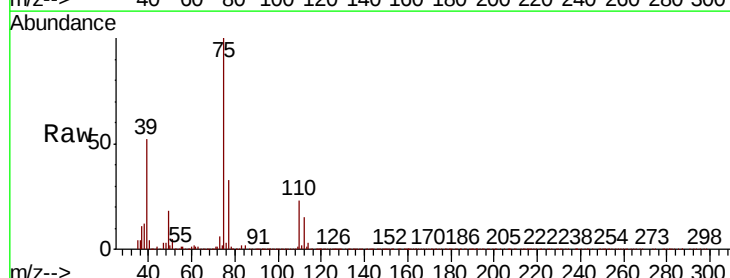
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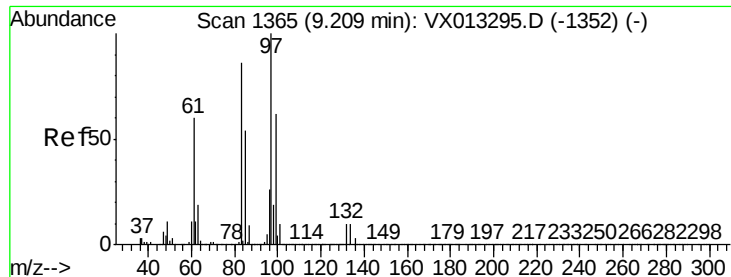
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#54
cis-1,3-Dichloropropene
Concen: 19.577 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.7	37.1
39	51.8	43.0	64.6





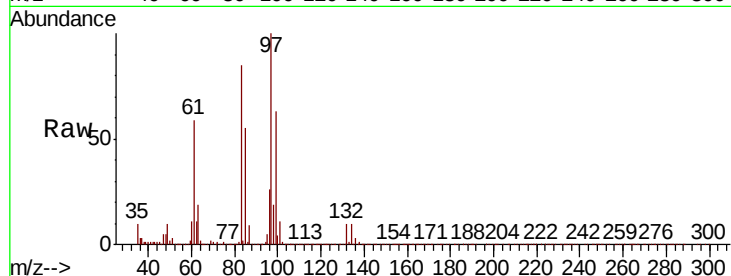
#55
 1,1,2-Trichloroethane
 Concen: 20.828 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013551.D
 Acq: 22 Nov 2019 22:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS03

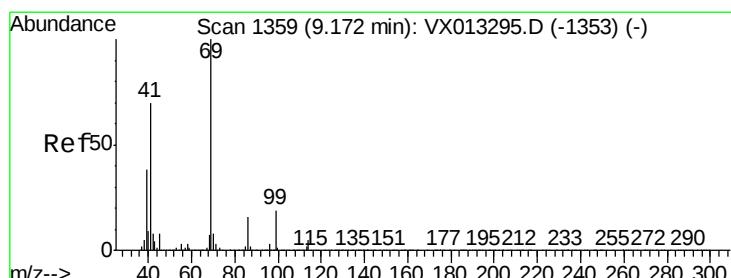
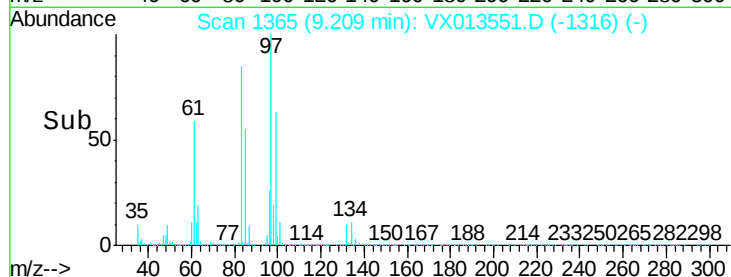
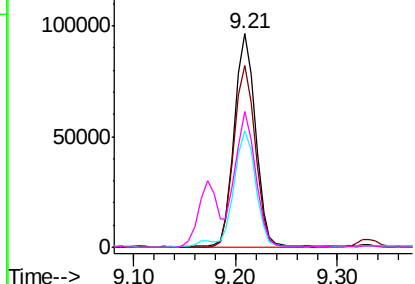
Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		138190		
83	85.2	68.6	103.0		
85	54.4	43.1	64.7		
99	63.1	49.4	74.0		

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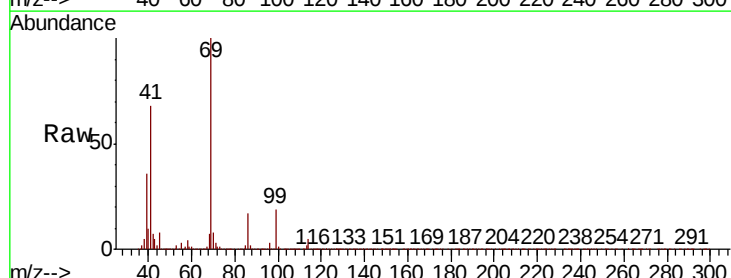


Abundance Ion 96.90 (96.60 to 97.60): VX0
 150000 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

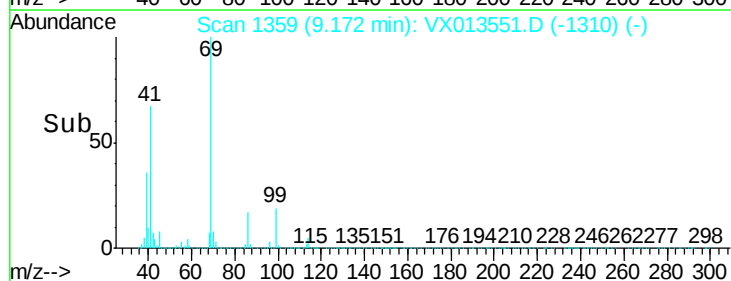
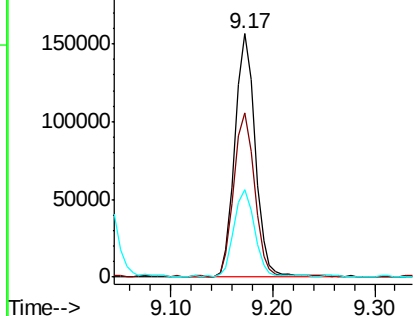


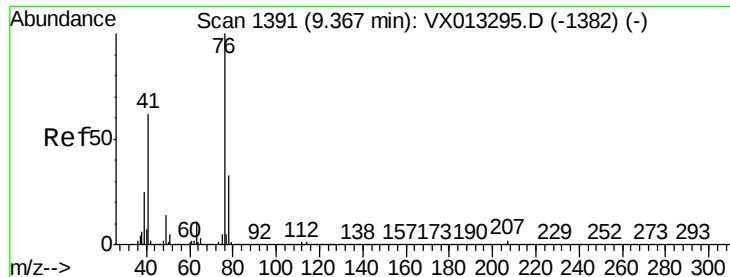
#56
 Ethyl methacrylate
 Concen: 20.018 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013551.D
 Acq: 22 Nov 2019 22:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		215787		
41	68.5	56.2	84.2		
39	36.5	31.1	46.7		



Abundance Ion 69.00 (68.70 to 69.70): VX0
 200000 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.802 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

Tot Ion: 76 Resp: 234291

Ion Ratio Lower Upper

76 100

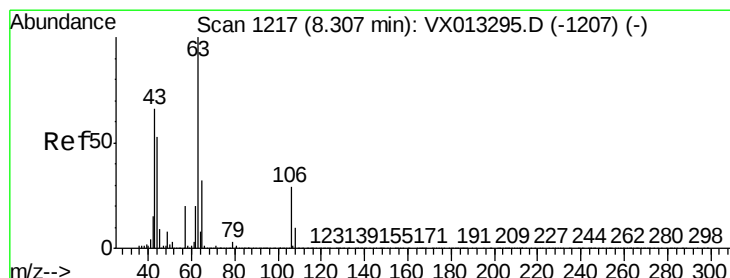
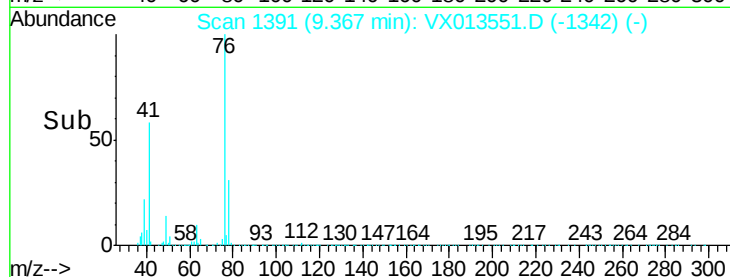
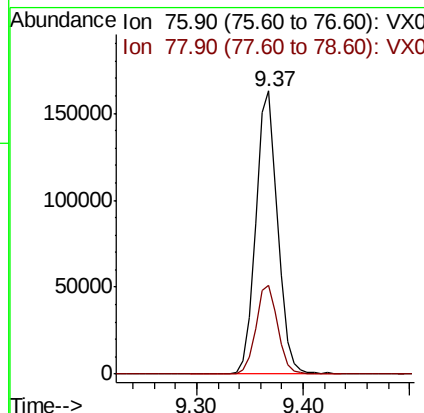
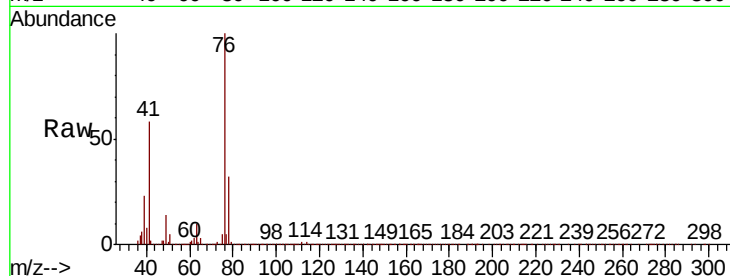
78 31.1 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 93.843 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013551.D

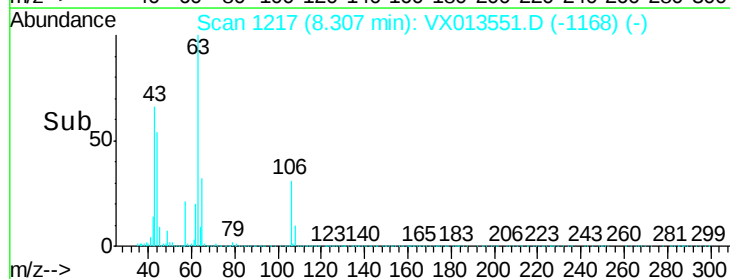
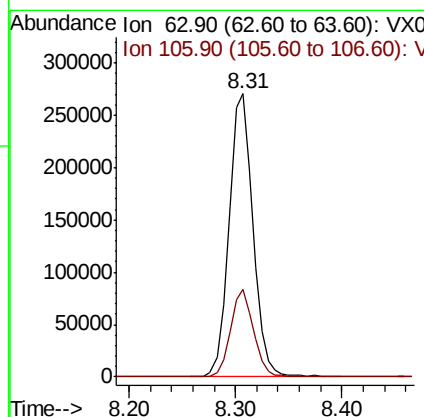
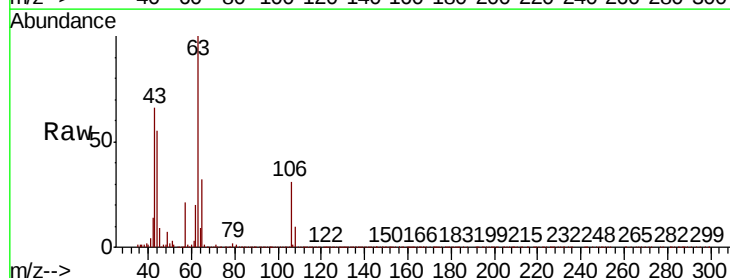
Acq: 22 Nov 2019 22:57

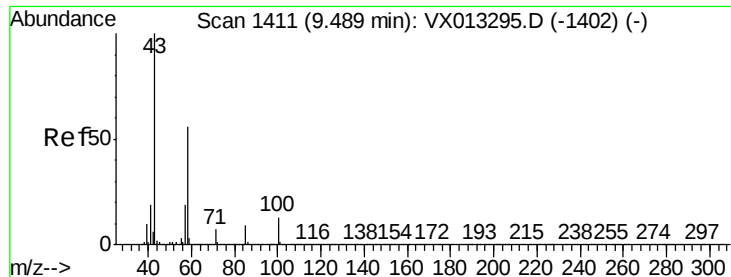
Tgt Ion: 63 Resp: 425731

Ion Ratio Lower Upper

63 100

106 29.9 23.4 35.2





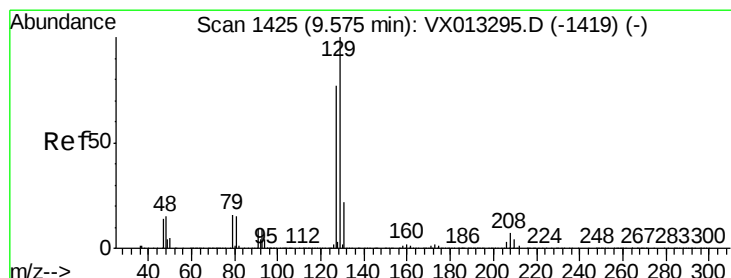
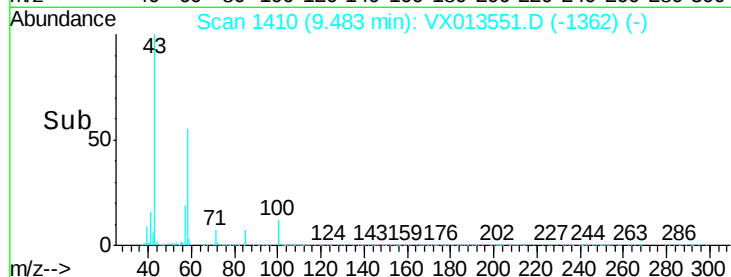
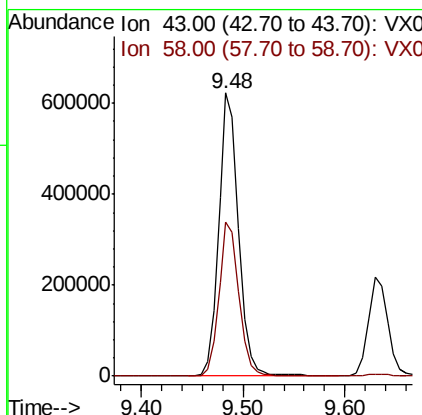
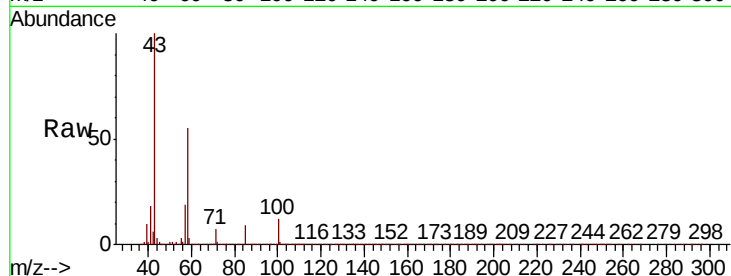
#59
2-Hexanone
Concen: 104.374 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.1	27.3	81.8

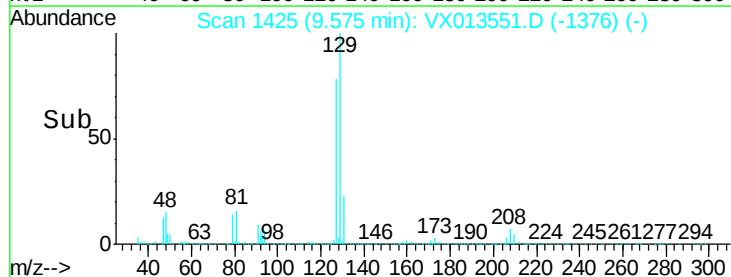
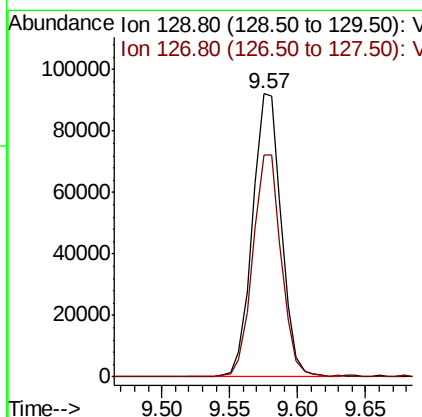
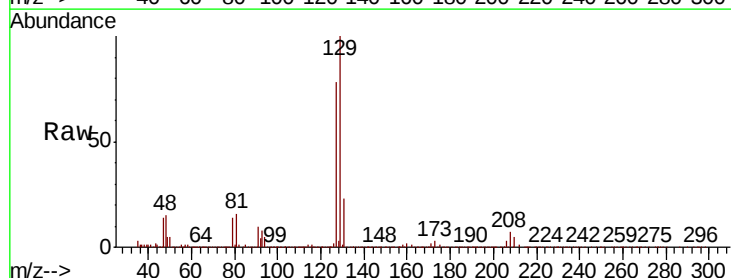
Manual Integrations
APPROVED

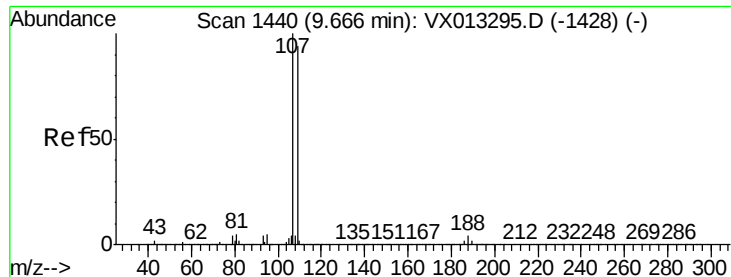
MMDadoda
11/25/2019 10:39:48 AM



#60
Dibromochloromethane
Concen: 20.196 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.1	117.2





#61

1,2-Dibromoethane

Concen: 20.150 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

Tot Ion: 107 Resp: 141967

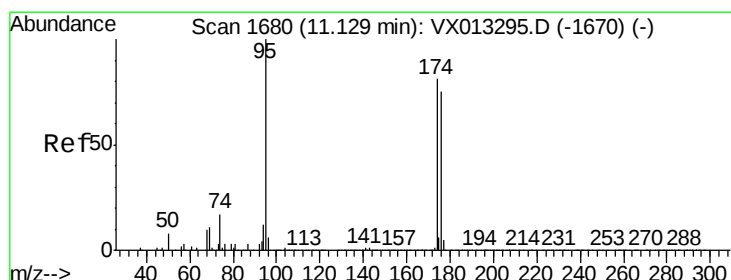
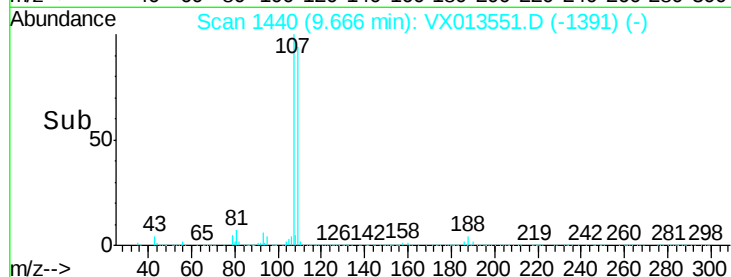
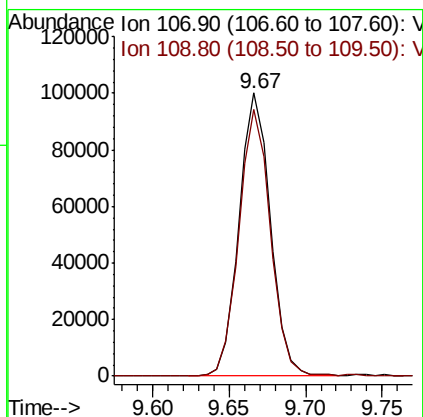
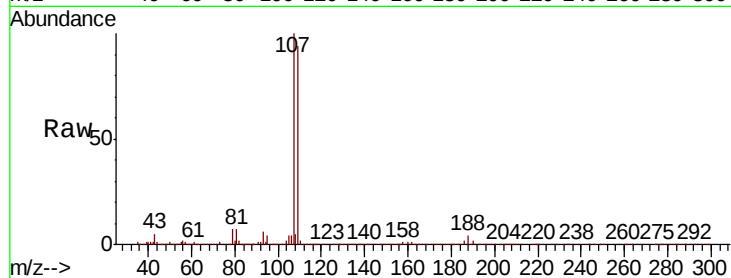
Ion Ratio Lower Upper

107 100

109 95.0 75.1 112.7

Manual Integrations
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MMDadoda
11/25/2019 10:39:48 AM



#62

4-Bromofluorobenzene

Concen: 47.106 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

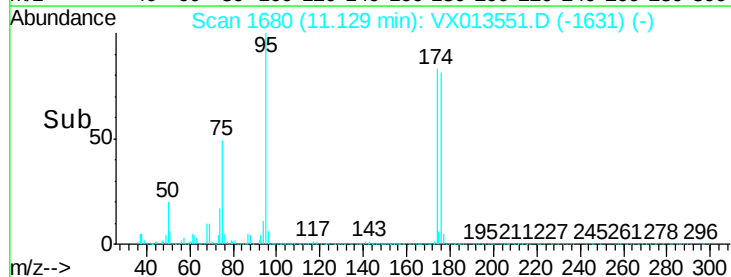
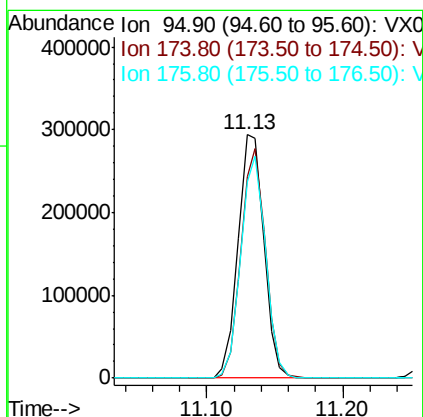
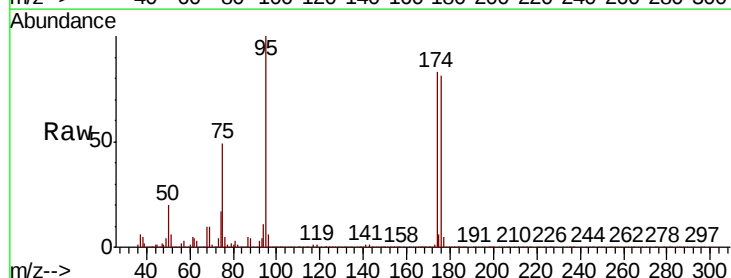
Tgt Ion: 95 Resp: 388517

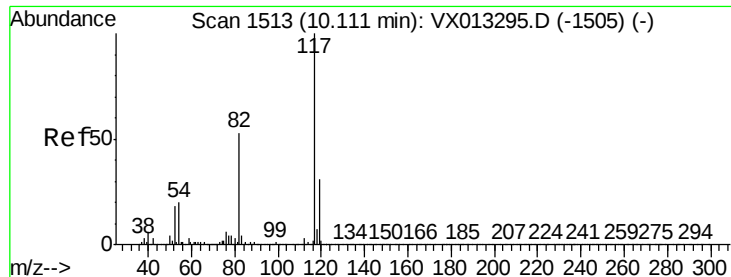
Ion Ratio Lower Upper

95 100

174 89.9 0.0 179.8

176 87.8 0.0 173.0





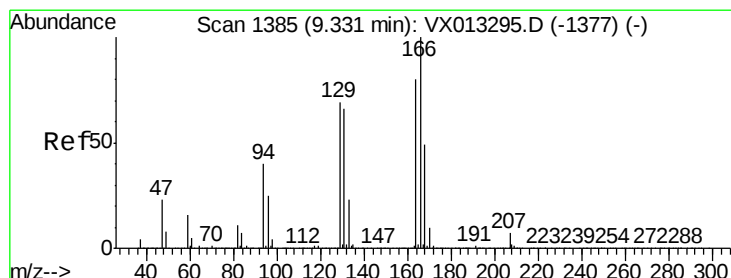
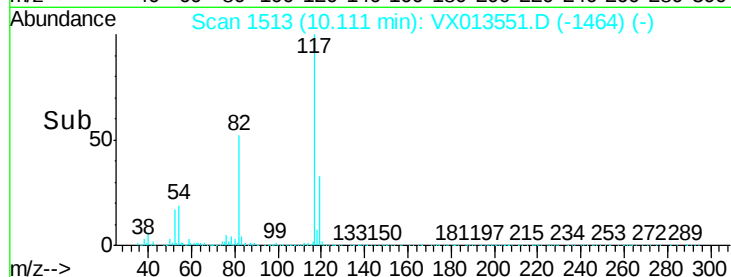
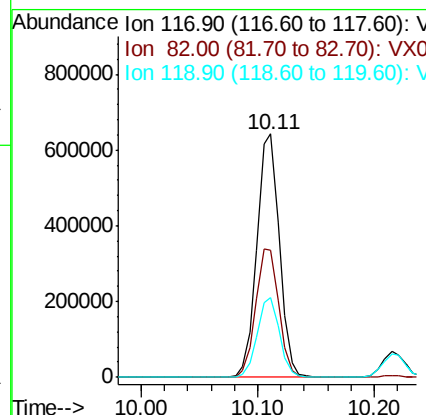
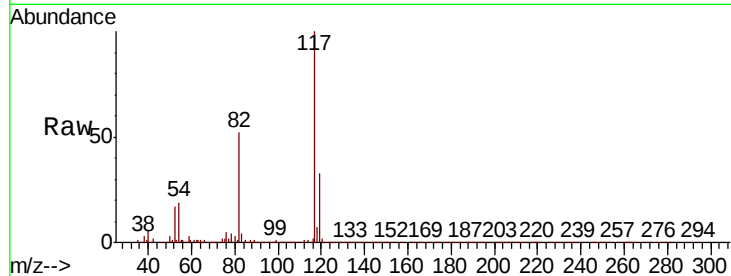
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

Tot Ion	Ratio	Resp	Lower	Upper
117	100	869472		
82	52.3		42.6	64.0
119	32.6		24.8	37.2

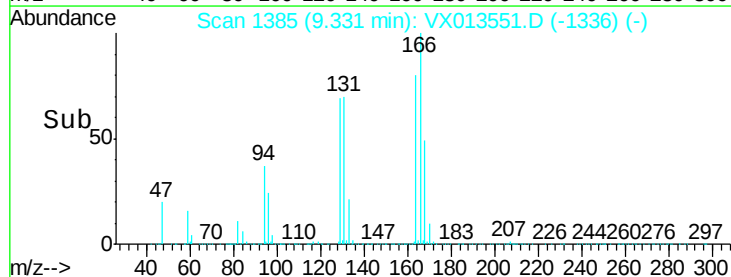
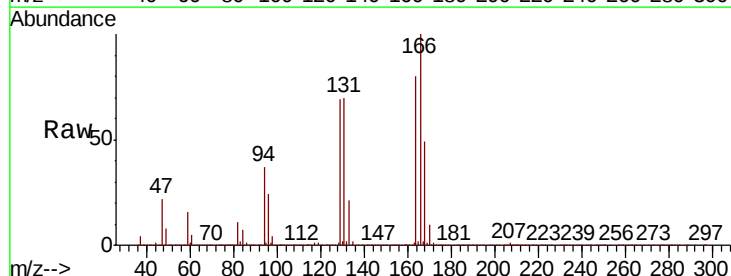
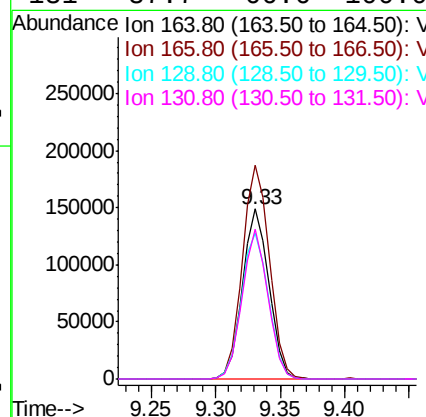
Manual Integrations
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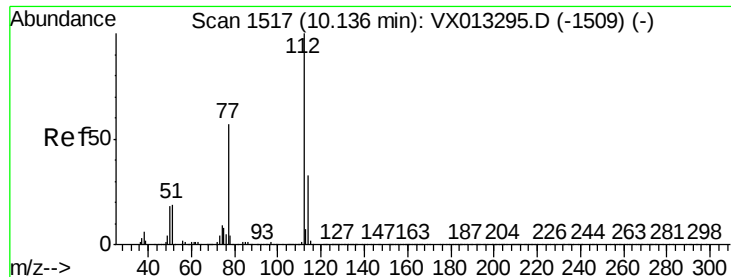
MMDadoda
11/25/2019 10:39:48 AM



#64
Tetrachloroethene
Concen: 34.121 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	212380		
166	125.3		100.4	150.6
129	86.0		69.4	104.2
131	87.7		66.6	100.0





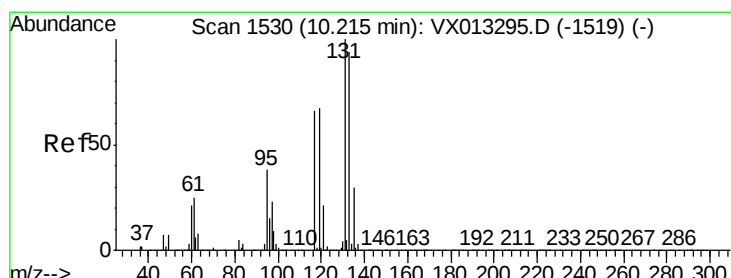
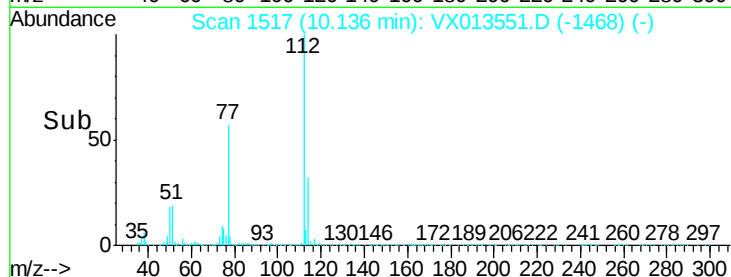
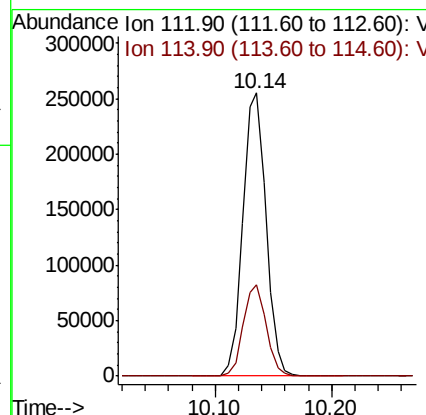
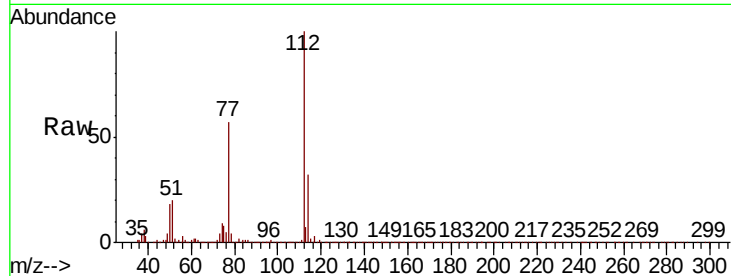
#65
Chlorobenzene
Concen: 20.139 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	26.4	39.6

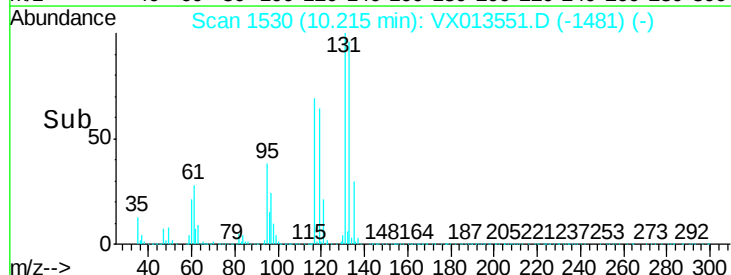
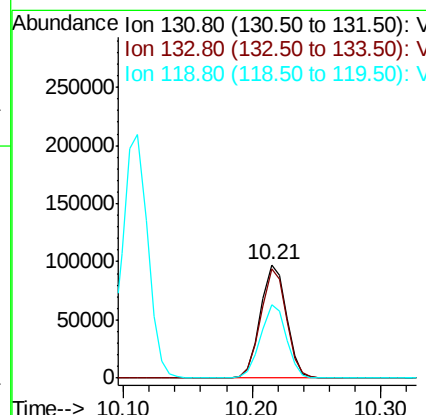
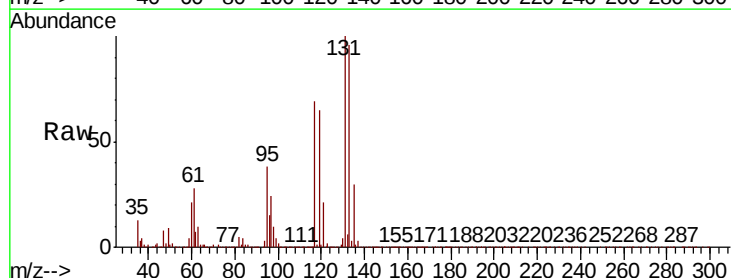
Manual Integrations
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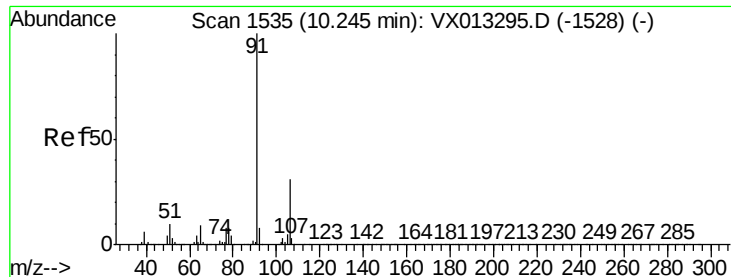
MMDadoda
11/25/2019 10:39:48 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.990 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.7	48.0	144.0
119	64.1	33.0	99.0





#67

Ethyl Benzene

Concen: 20.161 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

Tot Ion: 91 Resp: 612510

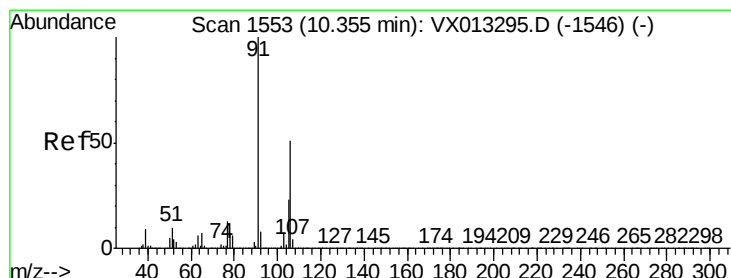
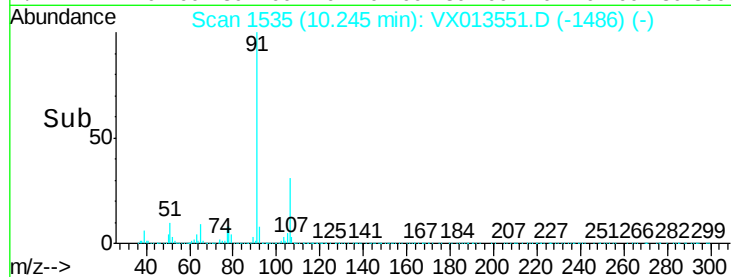
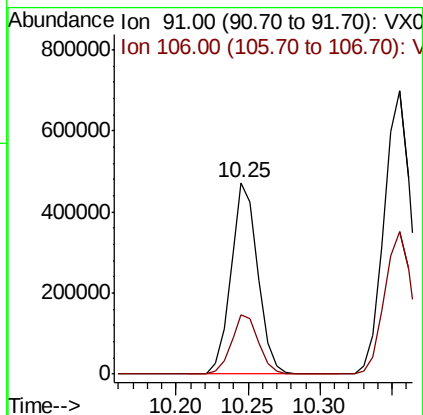
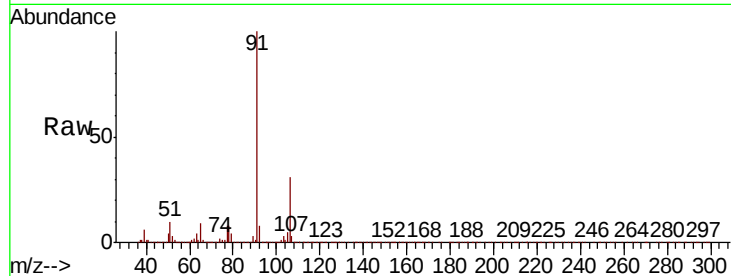
Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8

Manual Integrations
APPROVED

MMDadoda
11/25/2019 10:39:48 AM



#68

m/p-Xylenes

Concen: 40.493 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013551.D

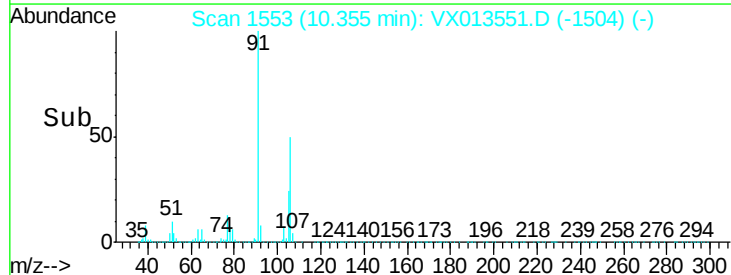
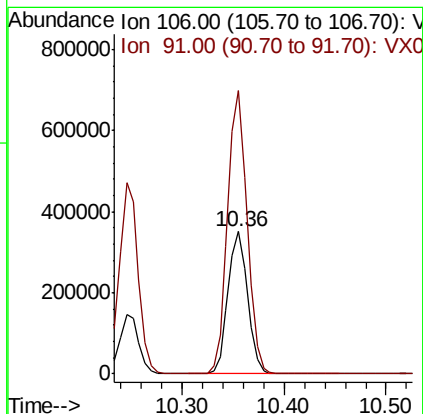
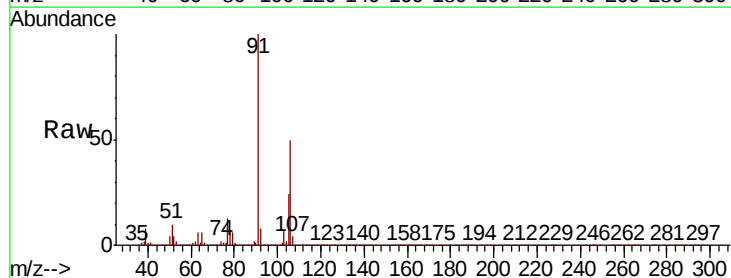
Acq: 22 Nov 2019 22:57

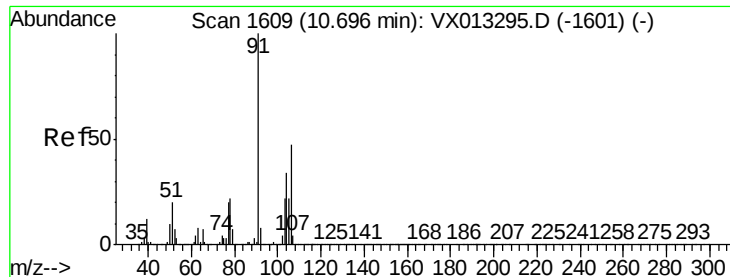
Tgt Ion: 106 Resp: 465253

Ion Ratio Lower Upper

106 100

91 198.2 159.3 238.9





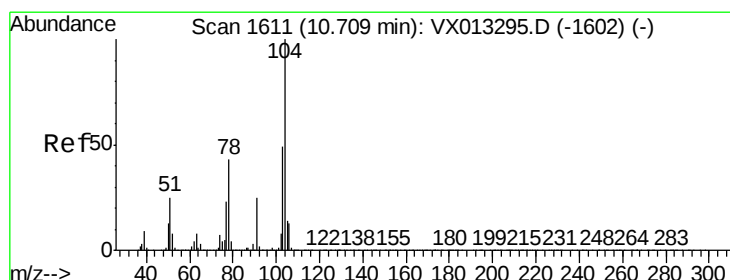
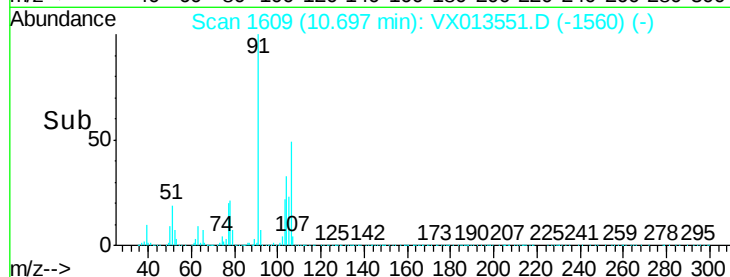
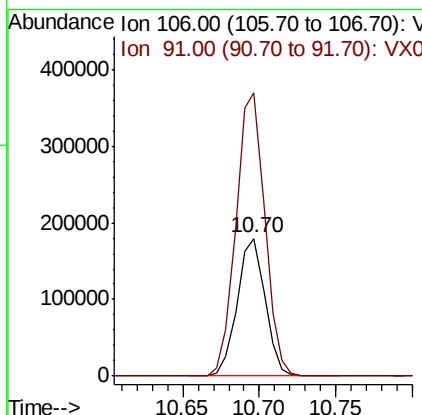
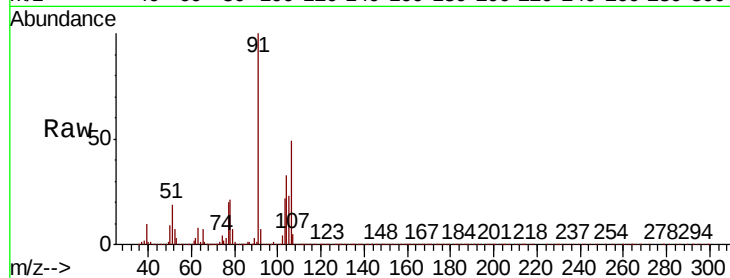
#69
o-Xylene
Concen: 20.225 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.0	105.7	317.0

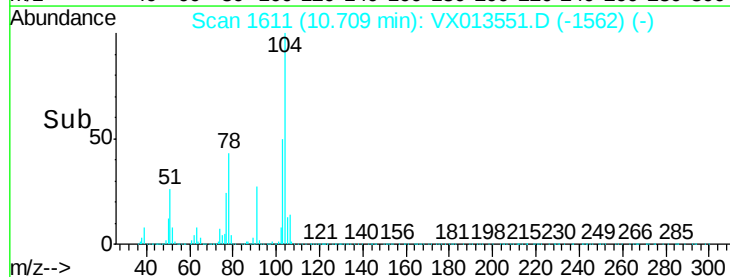
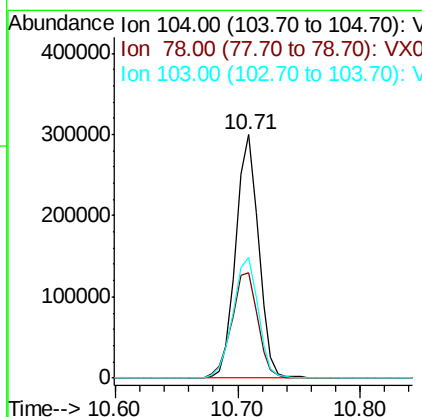
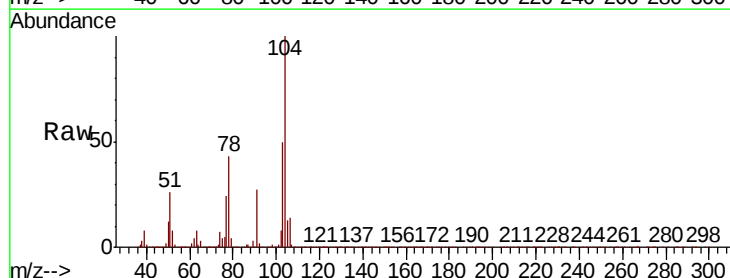
Manual Integrations
APPROVED

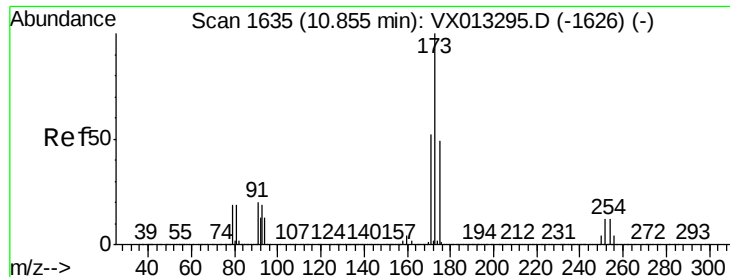
MMDadoda
11/25/2019 10:39:48 AM



#70
Styrene
Concen: 20.496 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.3	40.0	60.0
103	55.1	44.1	66.1





#71

Bromoform

Concen: 19.513 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

Tot Ion:173 Resp: 104433

Ion Ratio Lower Upper

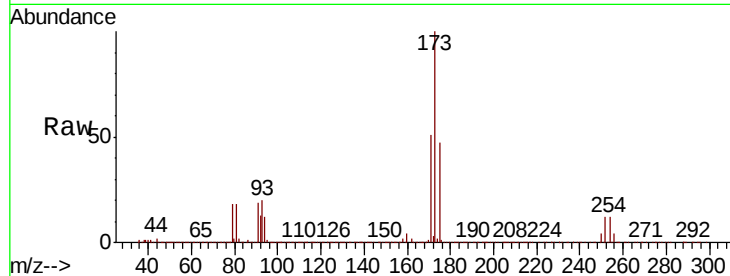
173 100

175 48.3 24.8 74.4

254 0.4 0.2 0.2#

Manual Integrations
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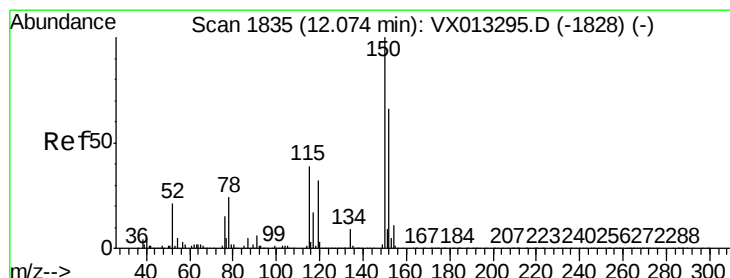
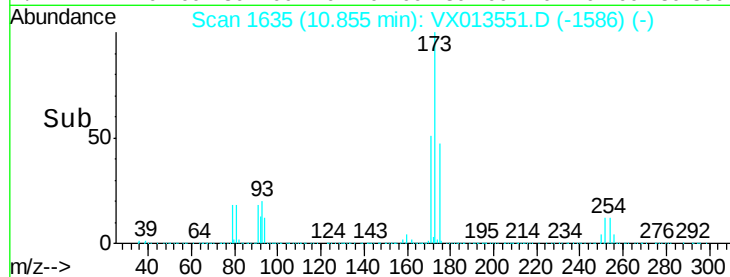
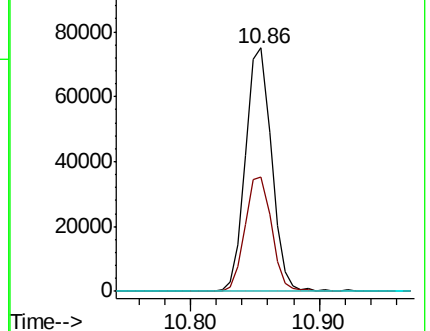
MMDadoda
11/25/2019 10:39:48 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

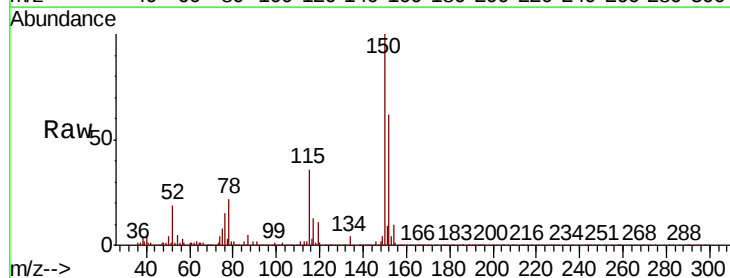
Tgt Ion:152 Resp: 426373

Ion Ratio Lower Upper

152 100

115 65.3 39.5 118.3

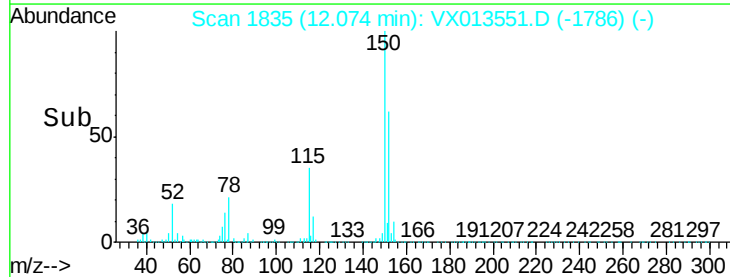
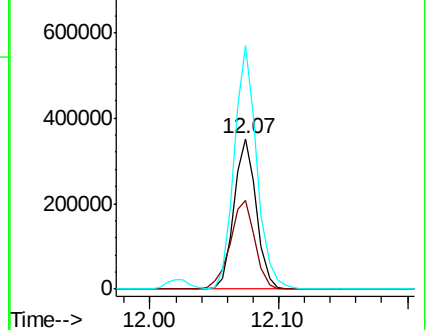
150 163.8 0.0 344.4

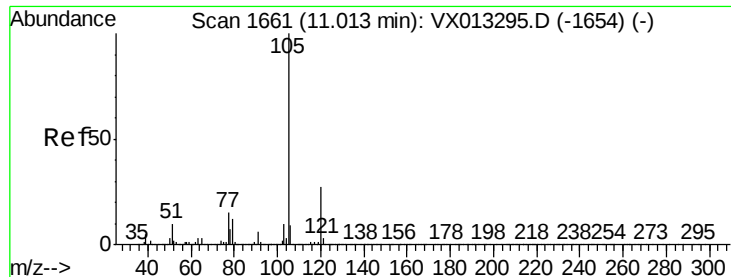


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.867 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

Tot Ion: 105 Resp: 618149

Ion Ratio Lower Upper

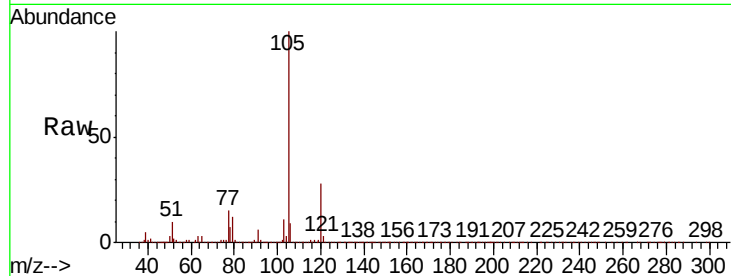
105 100

120 26.8 13.5 40.5

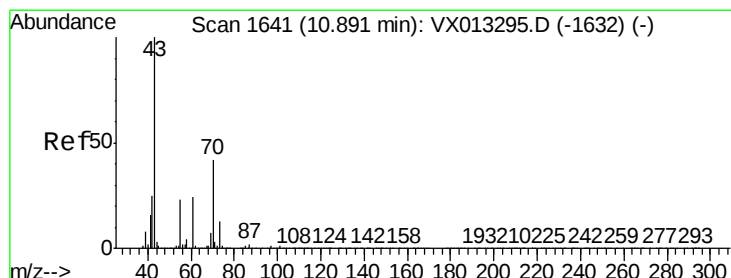
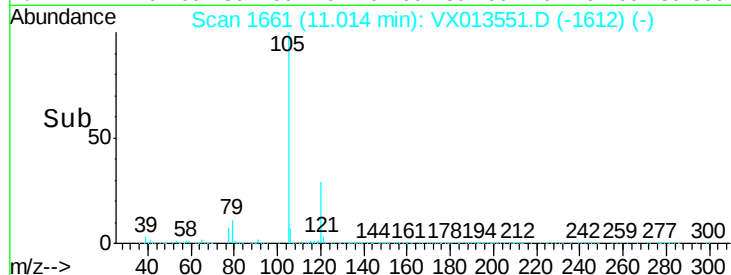
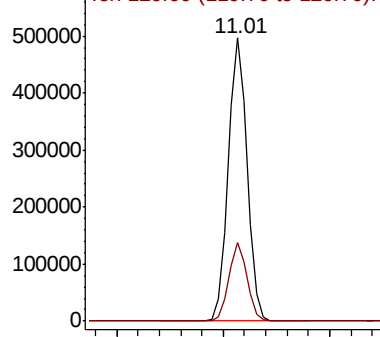
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V



#74

N-ethyl acetate

Concen: 21.402 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Tgt Ion: 43 Resp: 280555

Ion Ratio Lower Upper

43 100

70 42.9 34.1 51.1

55 24.2 18.9 28.3

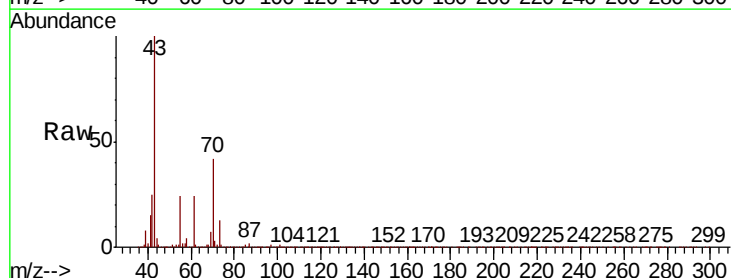
61 24.5 19.2 28.8

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

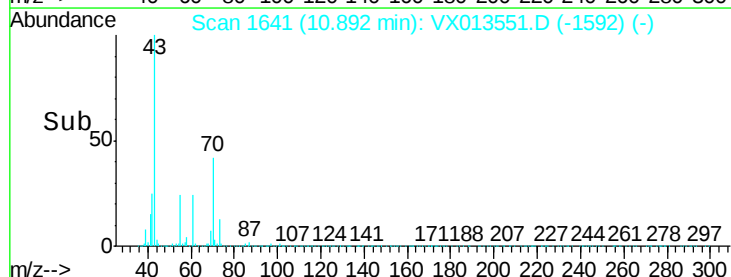


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

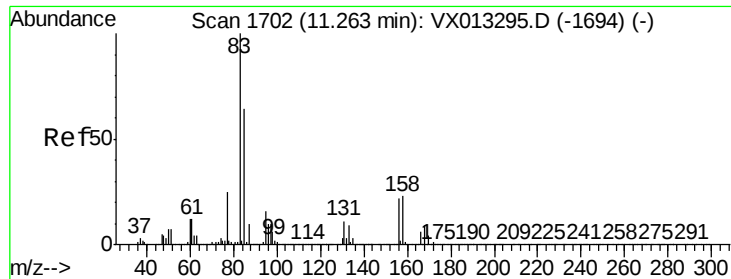
Ion 61.00 (60.70 to 61.70): VX0

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 18.658 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

Tot Ion: 83 Resp: 192424

Ion Ratio Lower Upper

83 100

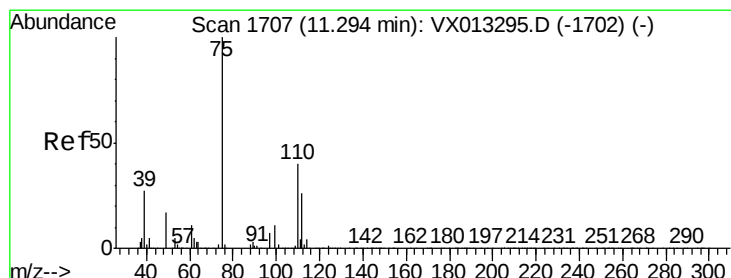
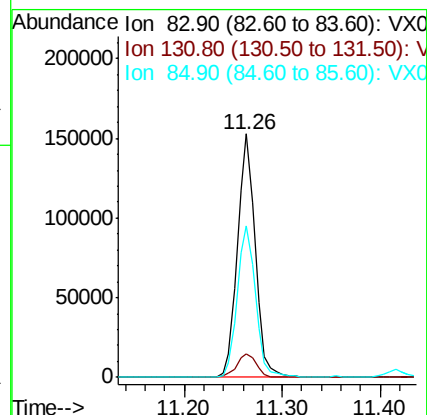
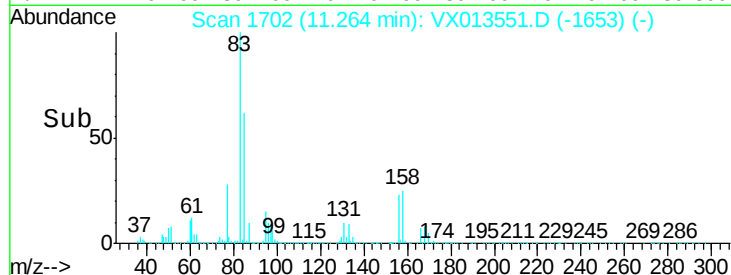
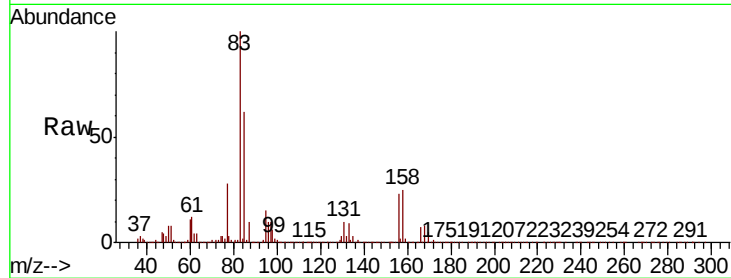
131 10.6 5.1 15.3

85 64.2 32.3 96.8

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#76

1,2,3-Trichloropropane

Concen: 20.499 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013551.D

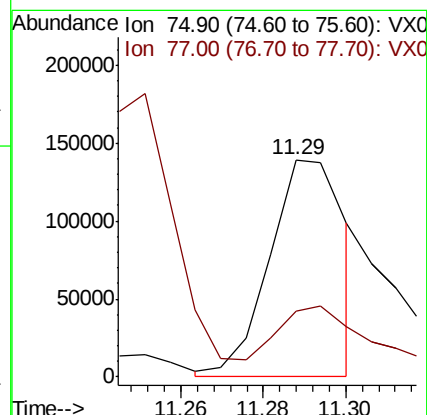
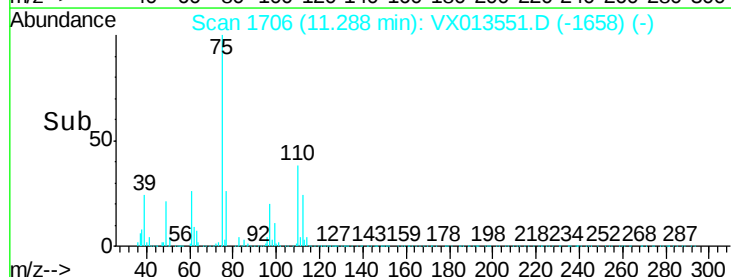
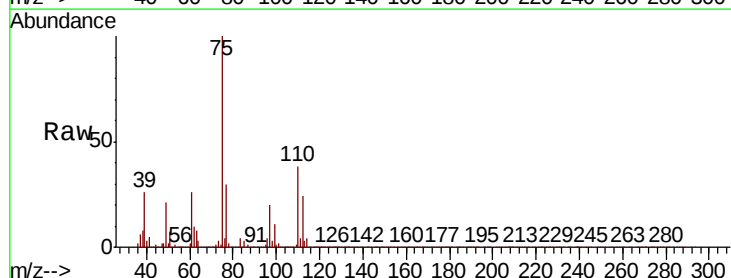
Acq: 22 Nov 2019 22:57

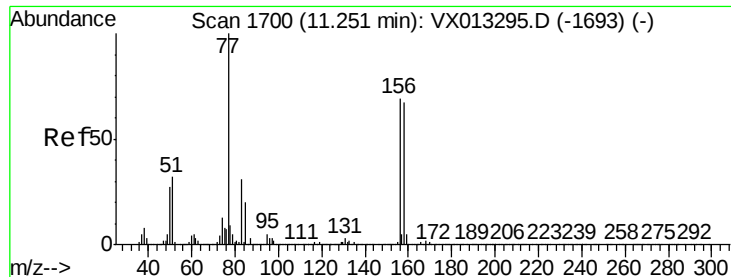
Tgt Ion: 75 Resp: 177525

Ion Ratio Lower Upper

75 100

77 41.4 22.3 66.8





#77

Bromobenzene

Concen: 21.362 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

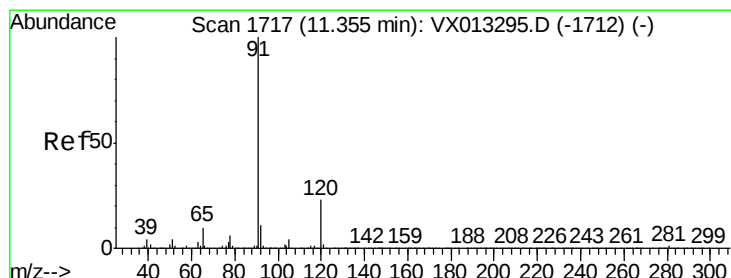
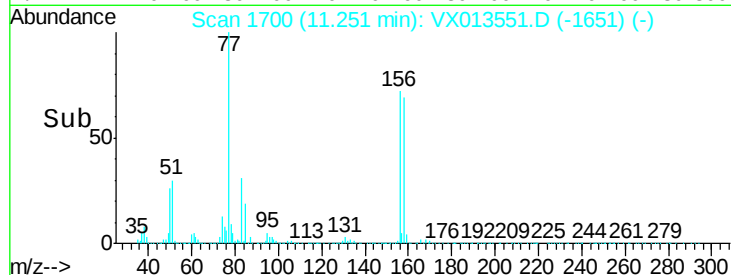
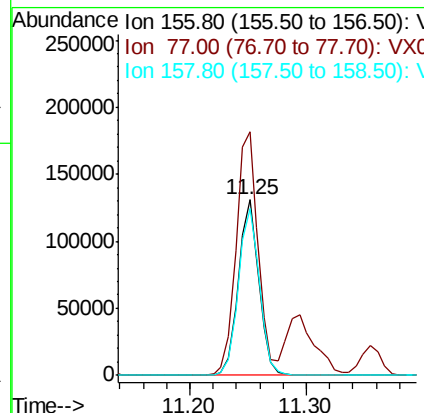
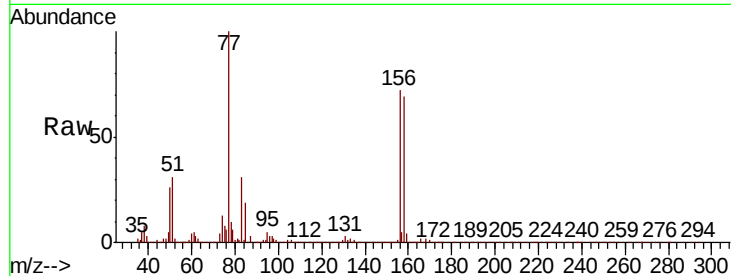
ClientSampleId :

VX1122WBS03

Tot Ion:	156	Resp:	160990
Ion Ratio	Lower	Upper	
156	100		
77	148.7	75.8	227.4
158	98.0	47.6	142.8

Manual Integrations
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#78

n-propylbenzene

Concen: 21.413 ug/l

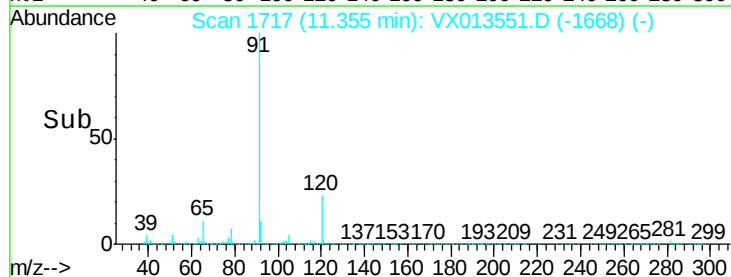
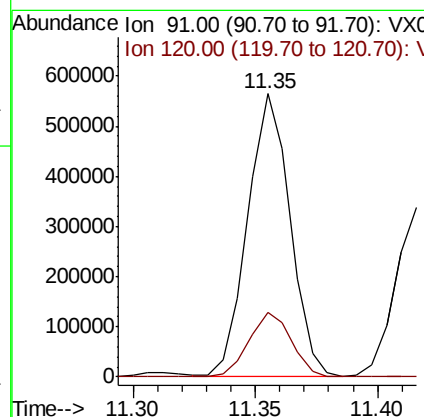
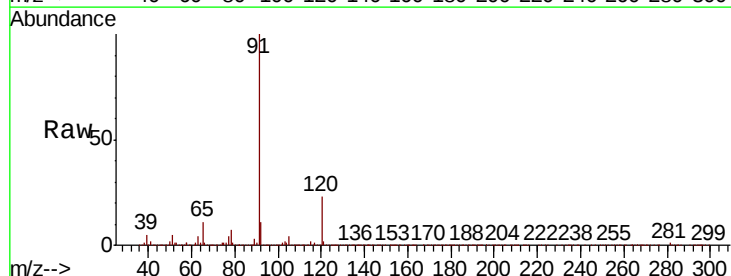
RT: 11.35 min Scan# 1717

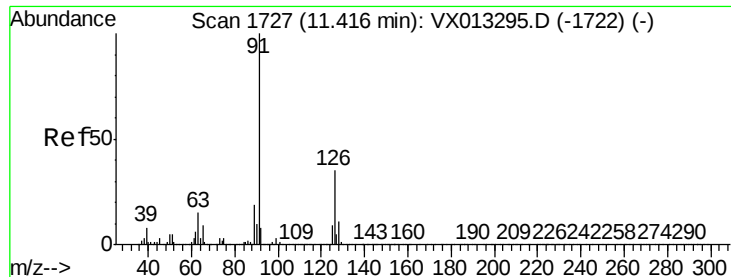
Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Tgt Ion:	91	Resp:	674298
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.6	34.8





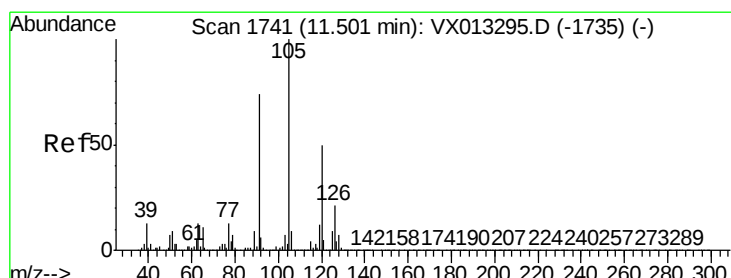
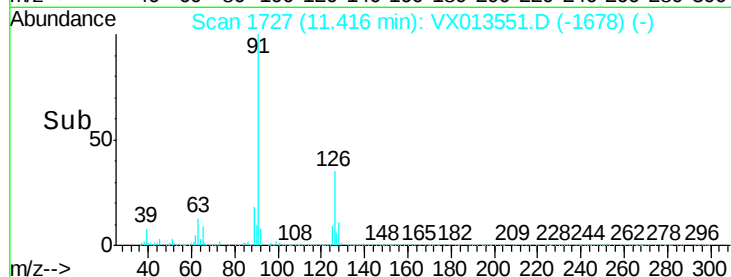
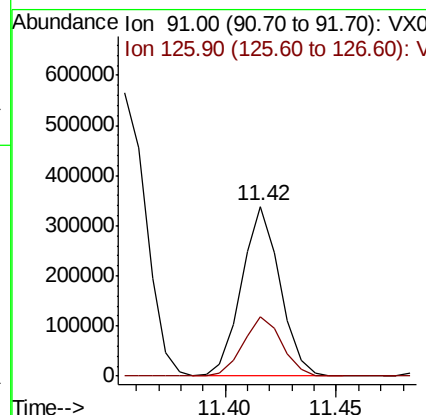
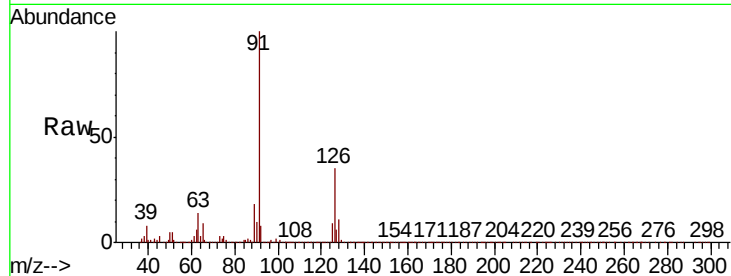
#79
2-Chlorotoluene
Concen: 21.357 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

Tot Ion: 91 Resp: 405201
Ion Ratio Lower Upper
91 100
126 35.7 17.3 52.0

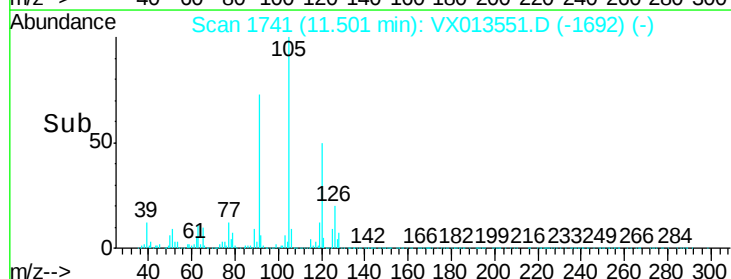
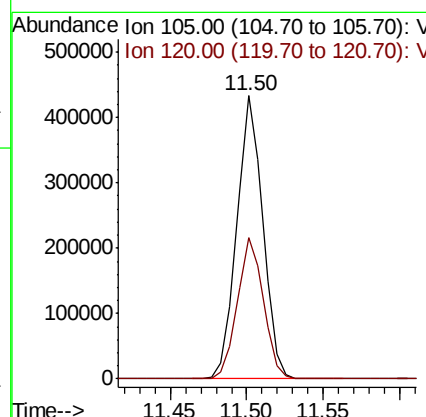
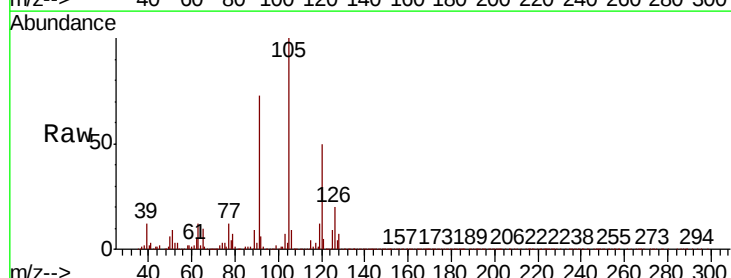
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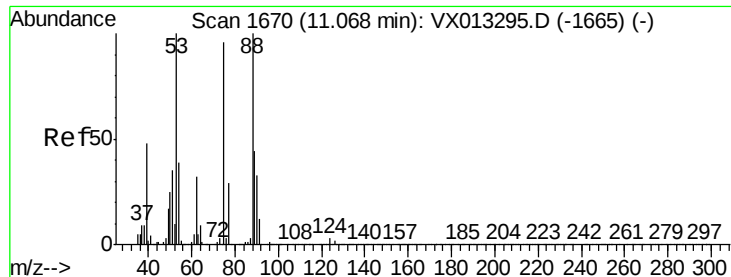
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#80
1,3,5-Trimethylbenzene
Concen: 21.638 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion: 105 Resp: 509497
Ion Ratio Lower Upper
105 100
120 49.8 24.9 74.8





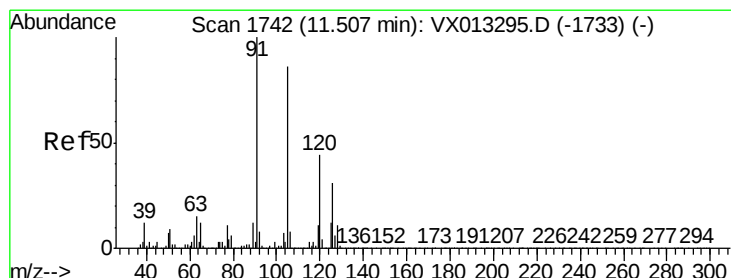
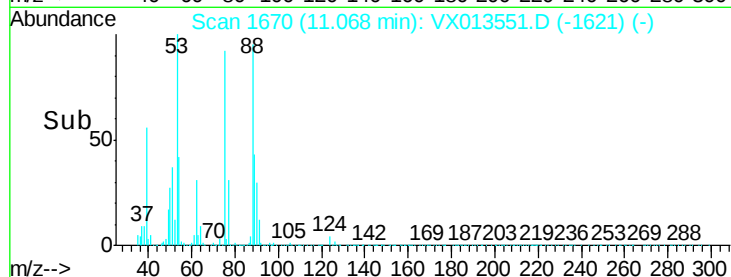
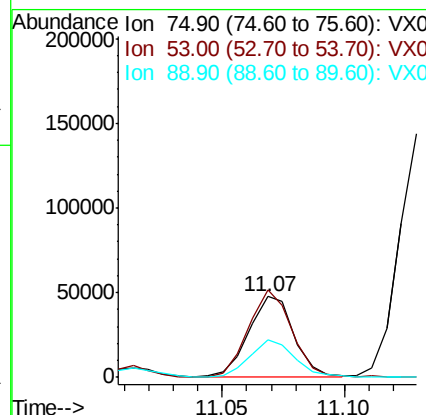
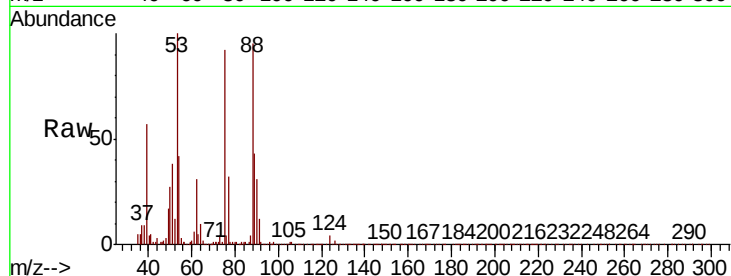
#81
trans-1,4-Dichloro-2-butene
Concen: 17.846 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.4	81.0	121.6
89	48.8	36.0	54.0

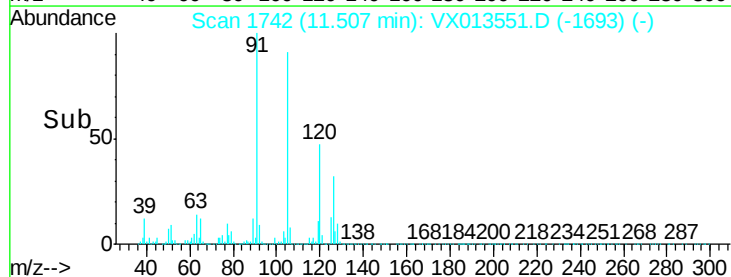
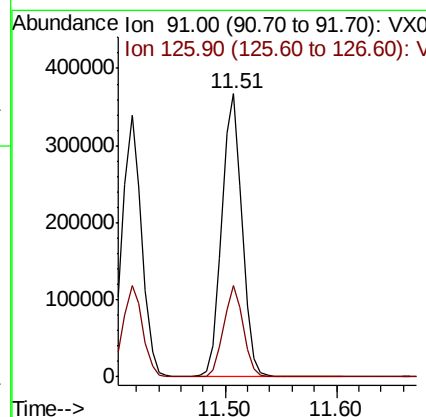
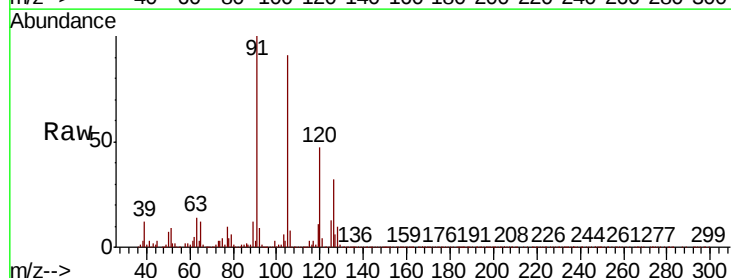
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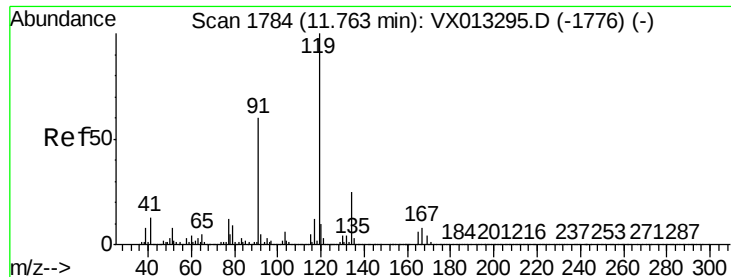
MMDadoda
11/25/2019 10:39:48 AM



#82
4-Chlorotoluene
Concen: 20.732 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.3	45.8





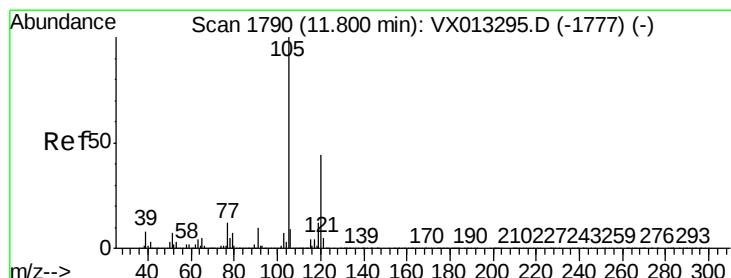
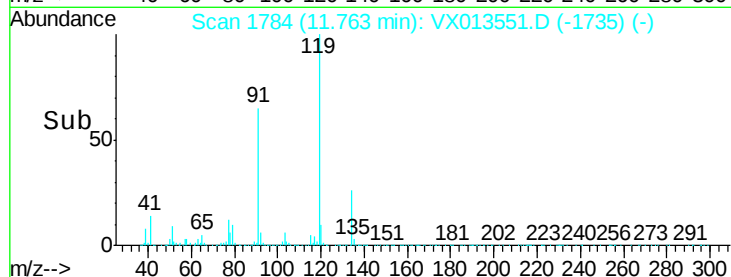
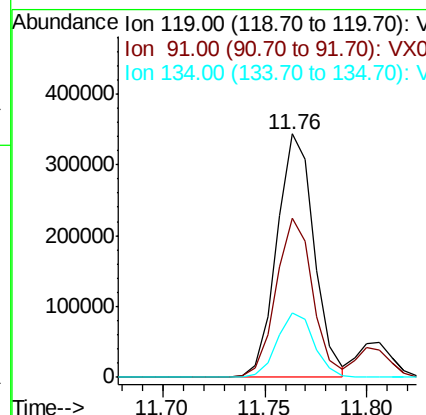
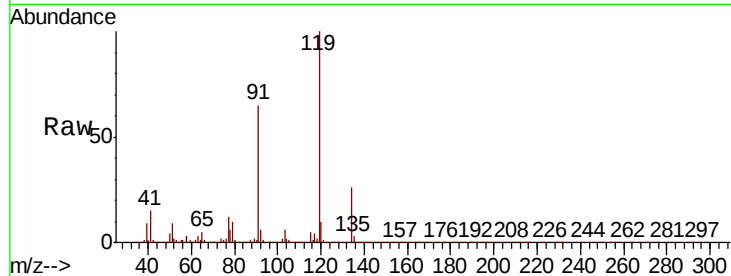
#83
tert-Butylbenzene
Concen: 18.432 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

Tot Ion	Ratio	Resp	Lower	Upper
119	100	436908		
91	64.2	26.9	80.7	
134	26.2	11.7	35.1	

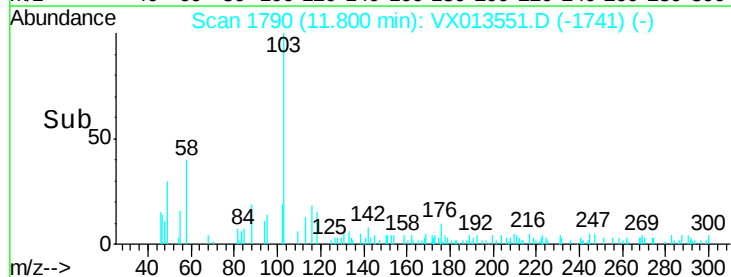
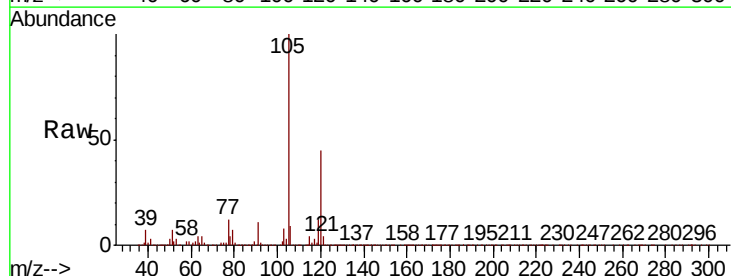
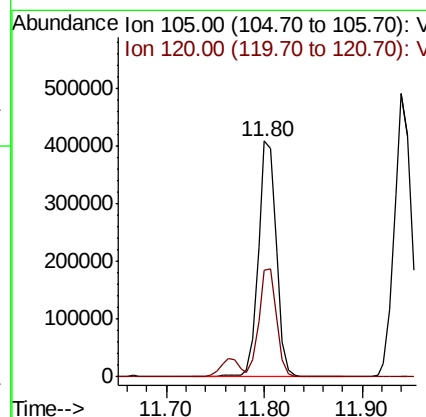
Manual Integrations
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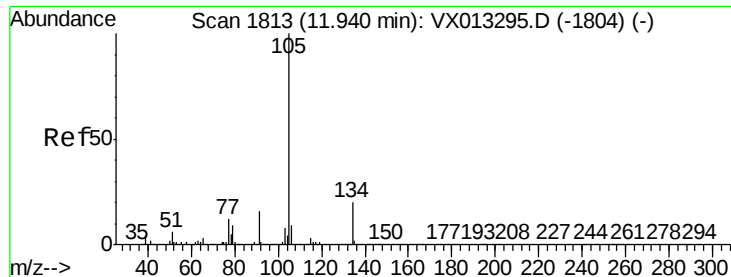
MMDadoda
11/25/2019 10:39:48 AM



#84
1,2,4-Trimethylbenzene
Concen: 21.833 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	515707		
120	45.0	22.7	68.1	





#85

sec-Butylbenzene

Concen: 21.588 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS03

Tot Ion:105 Resp: 588095

Ion Ratio Lower Upper

105 100

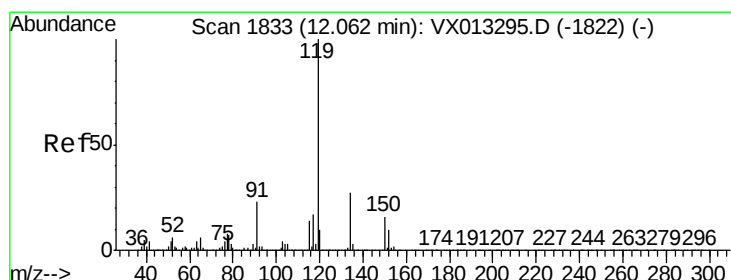
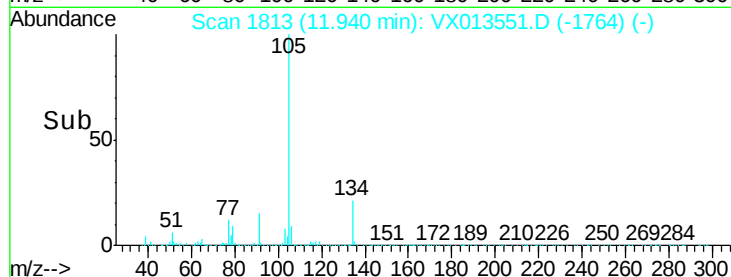
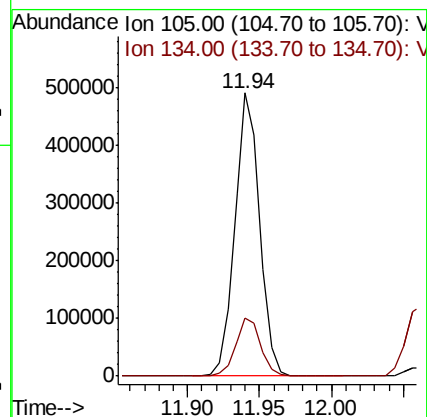
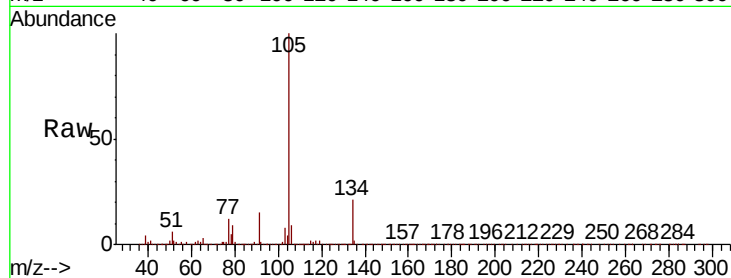
134 21.1 10.3 30.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.433 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

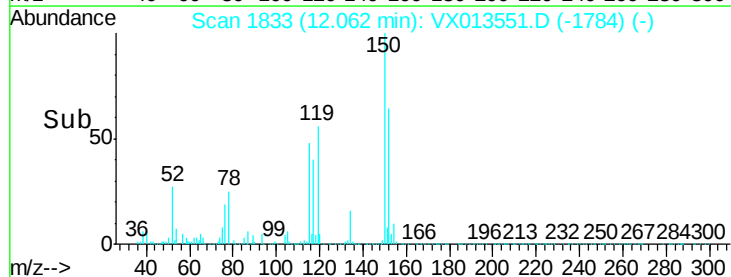
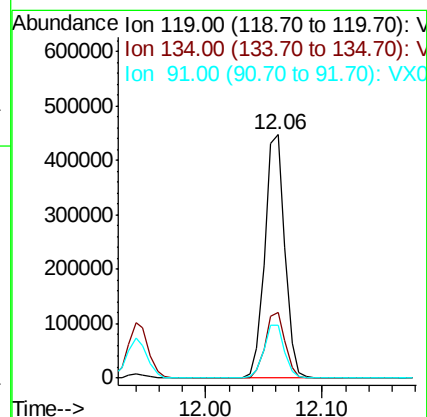
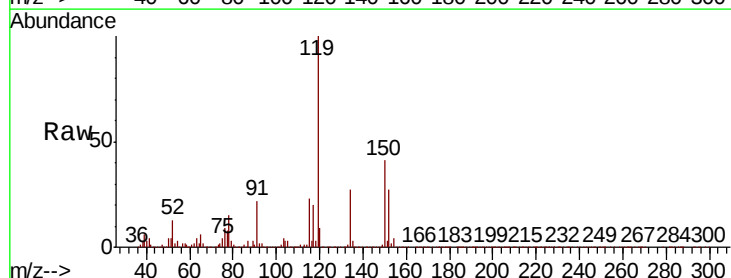
Tgt Ion:119 Resp: 537657

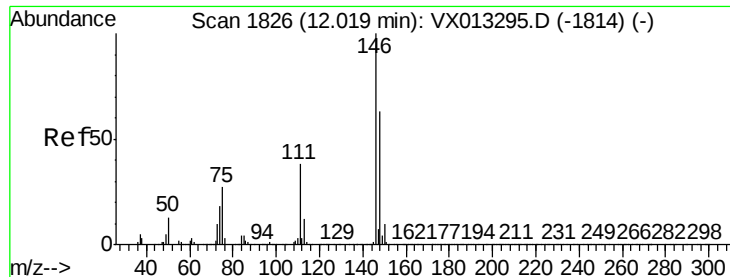
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.4 11.5 34.4





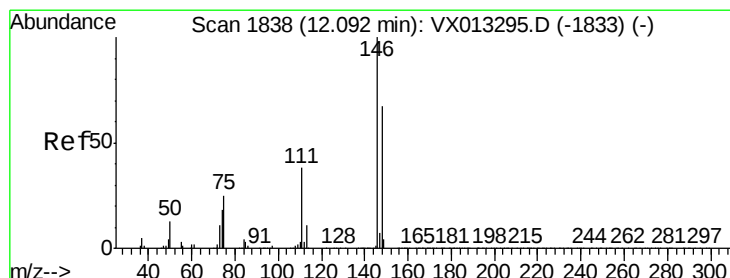
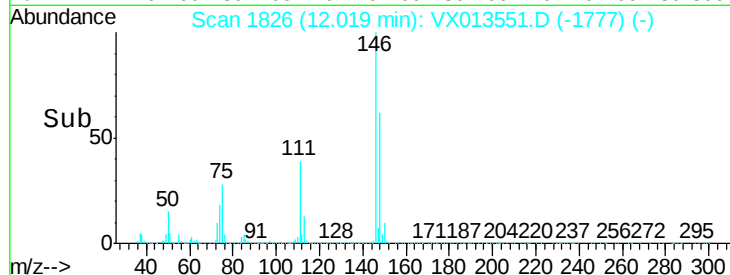
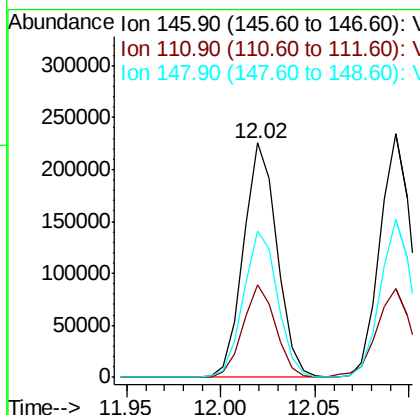
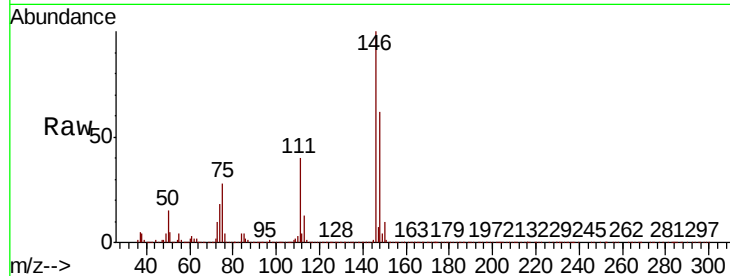
#87
 1,3-Dichlorobenzene
 Concen: 20.718 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013551.D
 Acq: 22 Nov 2019 22:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS03

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.5
148	63.8	31.9	95.7

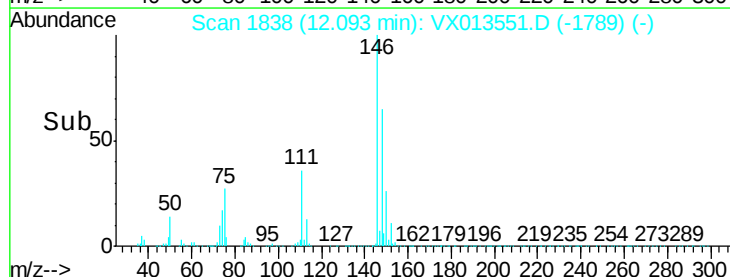
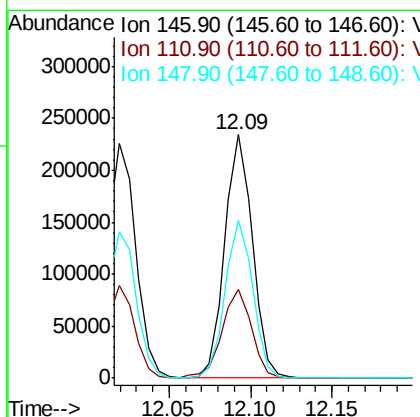
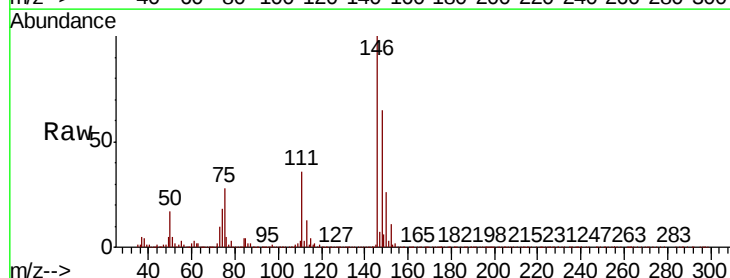
Manual Integrations
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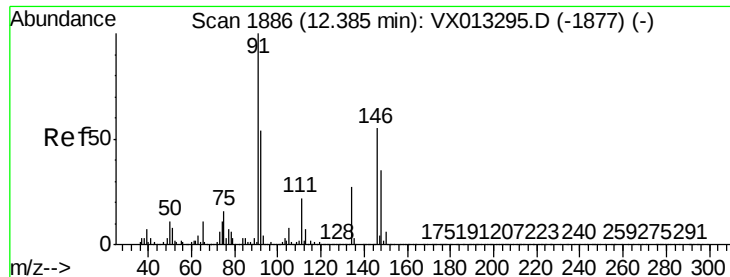
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 11/25/2019 10:39:48 AM



#88
 1,4-Dichlorobenzene
 Concen: 20.130 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013551.D
 Acq: 22 Nov 2019 22:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.8	56.4
148	64.9	32.4	97.0





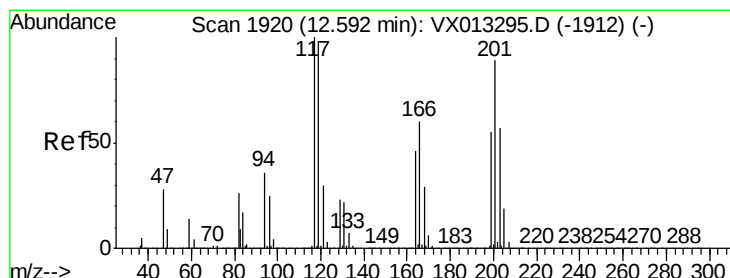
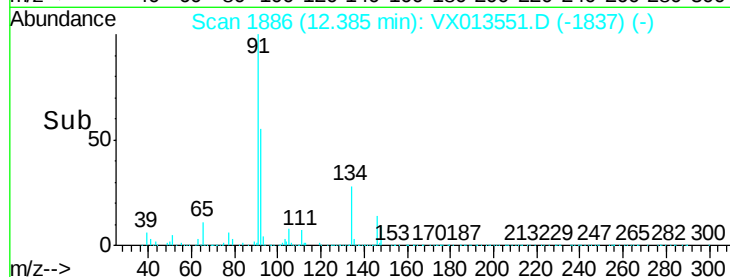
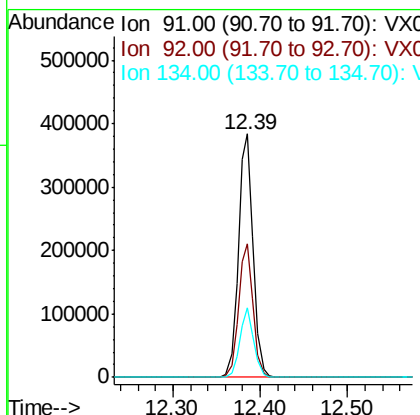
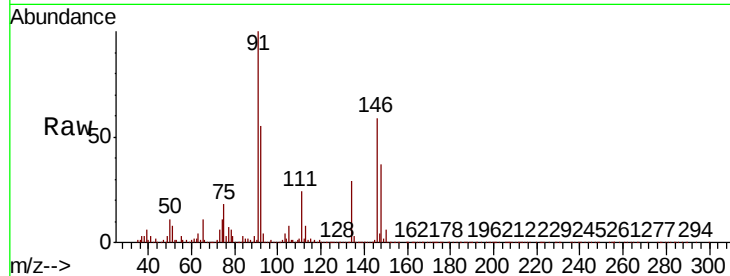
#89
n-Butylbenzene
Concen: 20.548 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS03

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.3	81.8
134	26.9	13.5	40.5

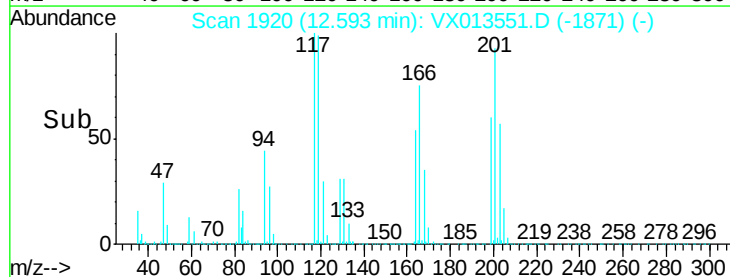
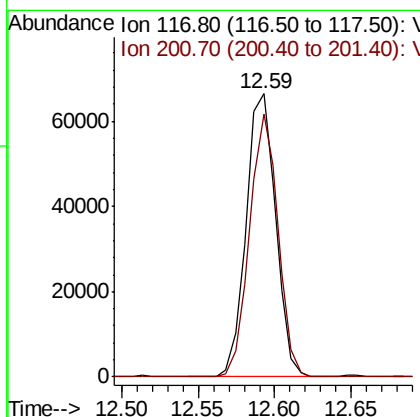
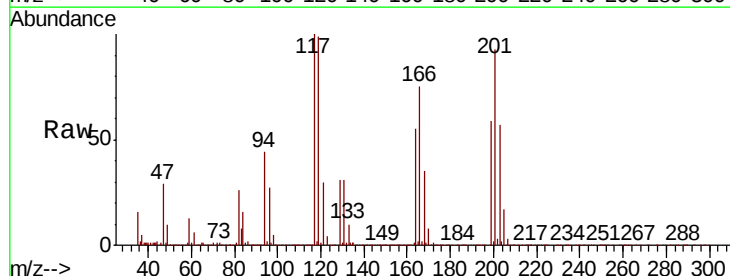
Manual Integrations
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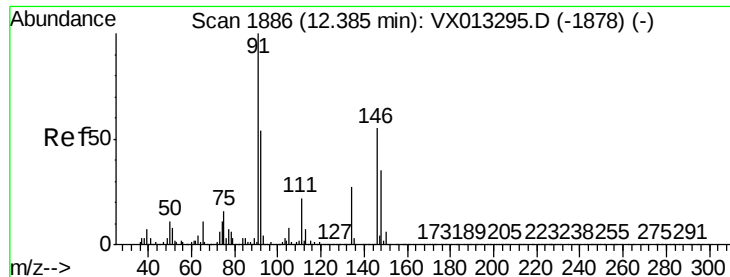
MMDadoda
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#90
Hexachloroethane
Concen: 20.034 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013551.D
Acq: 22 Nov 2019 22:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.1	43.9	131.7





#91

1,2-Dichlorobenzene

Concen: 21.261 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

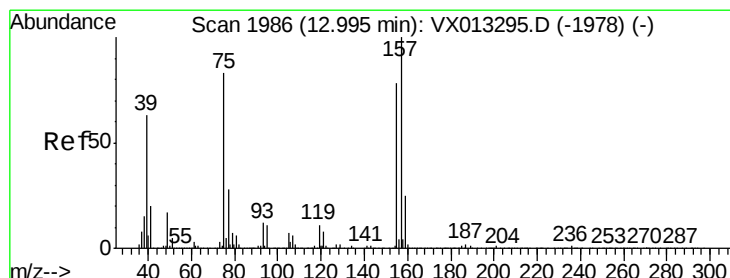
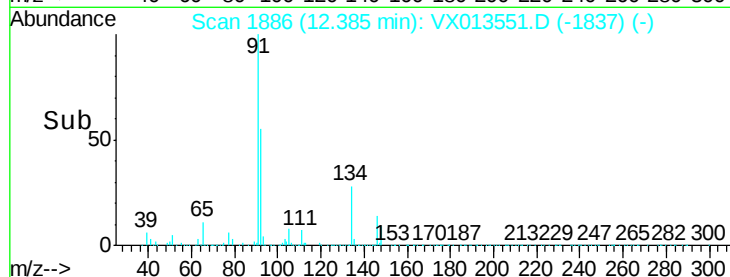
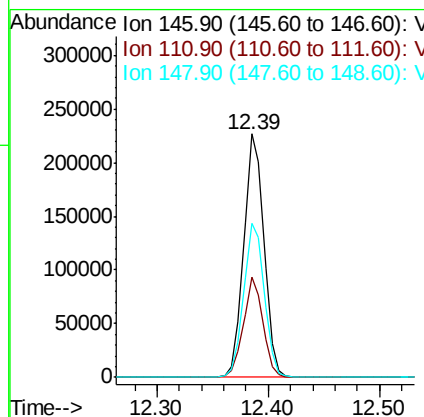
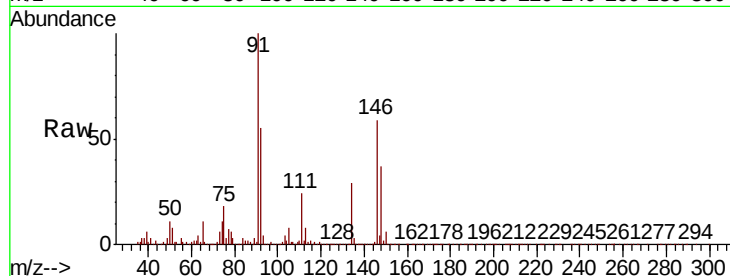
ClientSampleId :

VX1122WBS03

Tot Ion:	146	Resp:	285499
Ion Ratio	Lower	Upper	
146	100		
111	39.6	20.1	60.2
148	64.1	32.0	96.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.420 ug/l

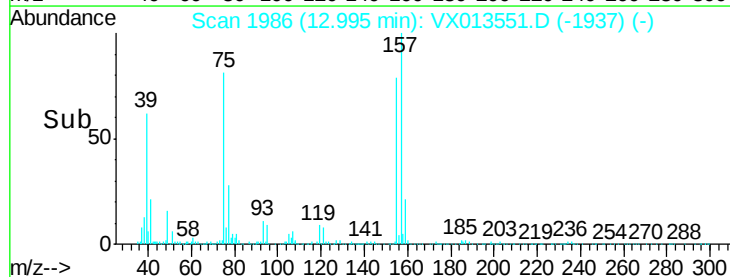
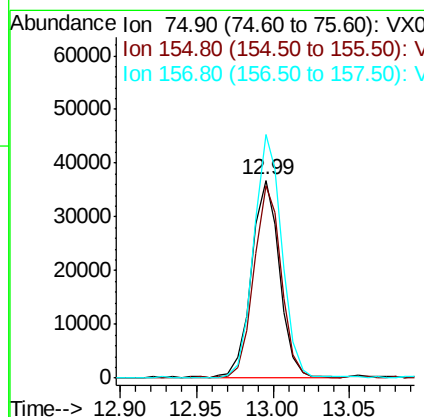
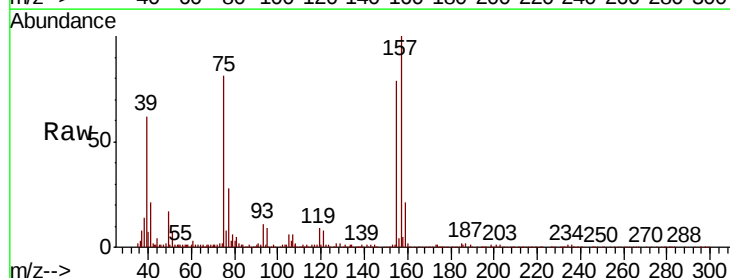
RT: 12.99 min Scan# 1886

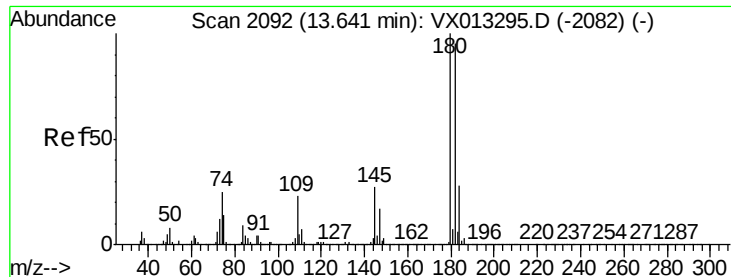
Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Tgt Ion:	75	Resp:	46282
Ion Ratio	Lower	Upper	
75	100		
155	96.3	47.1	141.4
157	124.5	61.3	183.8





#93

1,2,4-Trichlorobenzene

Concen: 20.620 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

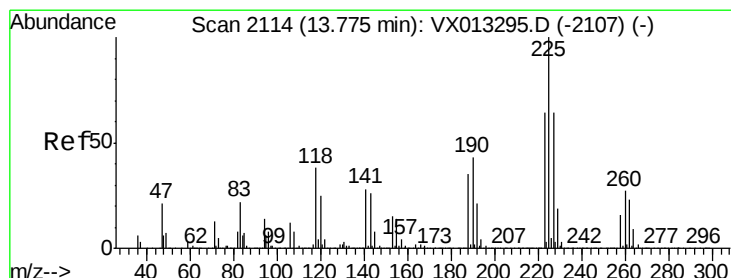
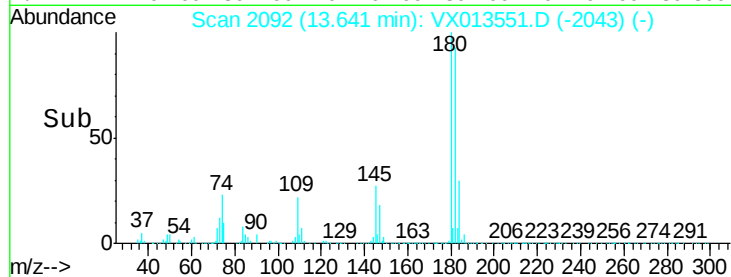
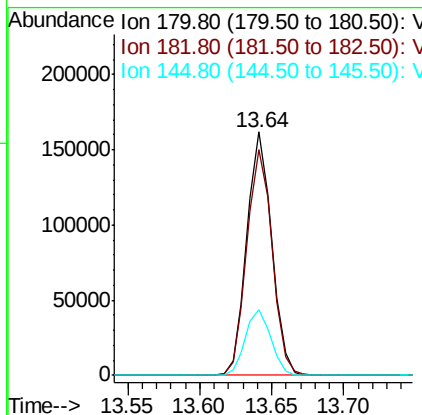
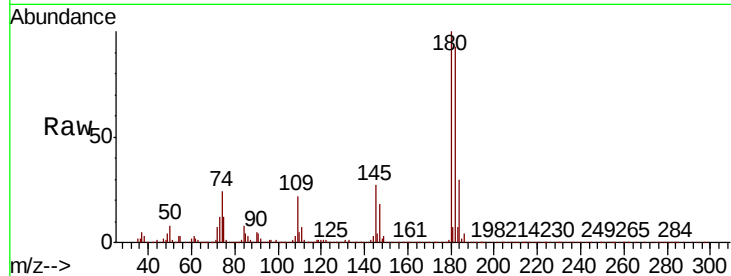
ClientSampleId :

VX1122WBS03

Tot Ion:	180	Resp:	193135
Ion Ratio	Lower	Upper	
180	100		
182	94.6	48.4	145.0
145	28.2	14.1	42.4

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 20.068 ug/l

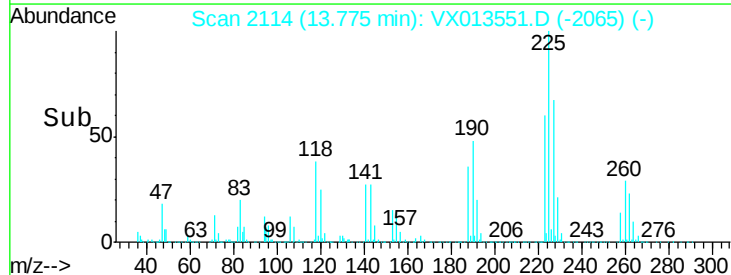
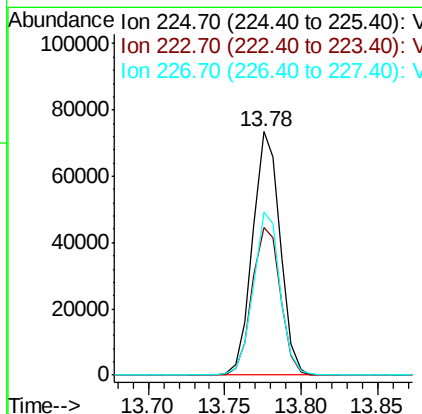
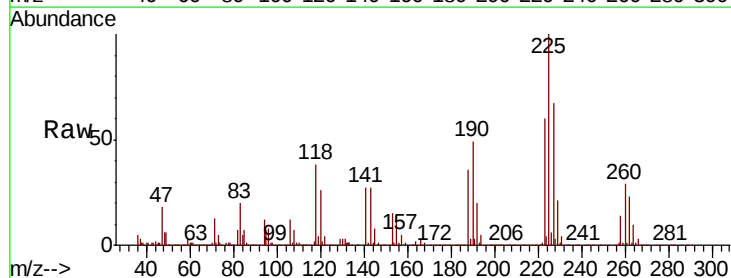
RT: 13.78 min Scan# 2114

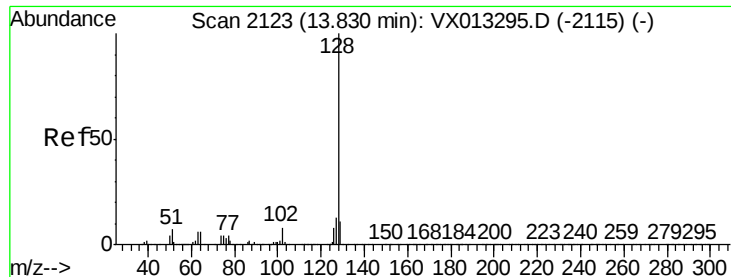
Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Tgt Ion:	225	Resp:	91963
Ion Ratio	Lower	Upper	
225	100		
223	62.7	31.9	95.7
227	65.7	31.9	95.9





#95

Naphthalene

Concen: 20.460 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Instrument :

MSVOA_X

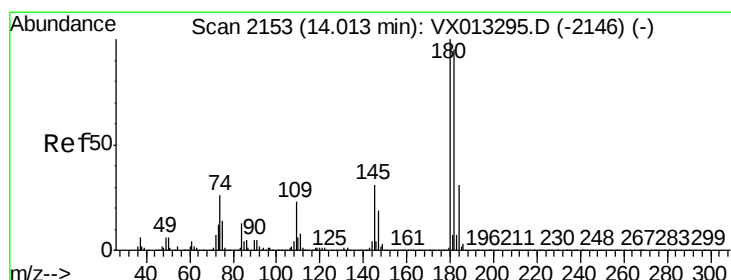
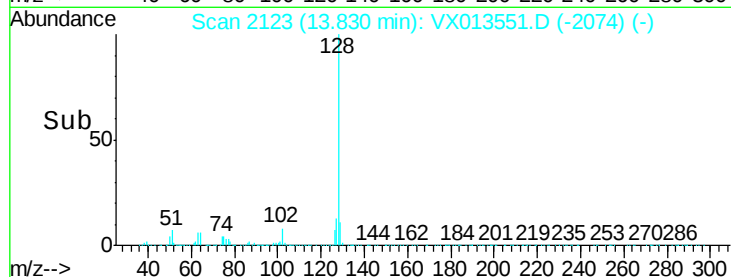
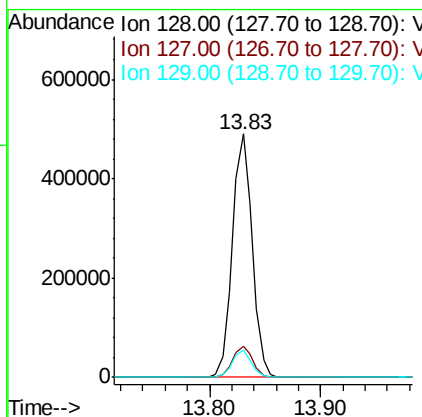
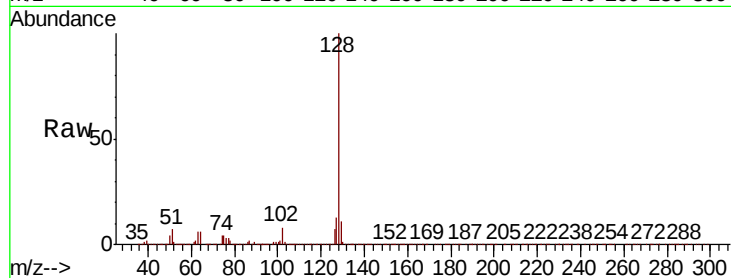
ClientSampleId :

VX1122WBS03

Tot Ion:	128	Resp:	601264
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.2
129	11.1	8.5	12.7

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.807 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX013551.D

Acq: 22 Nov 2019 22:57

Tgt Ion:	180	Resp:	195447
Ion Ratio	Lower	Upper	
180	100		
182	97.7	48.0	144.2
145	30.1	15.4	46.4

