

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
 Data File : VX013047.D
 Acq On : 14 Oct 2019 13:22
 Operator : JC/SP
 Sample : VX1014WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/21/2019 2:55:04 PM

Quant Time: Oct 15 04:33:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	185693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	304310	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	126615	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	116720	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	5.49	113	93018	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
50) Toluene-d8	8.71	98	350225	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	11.14	95	128787	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	34807	18.389	ug/l 99
3) Chloromethane	1.32	50	37147	18.033	ug/l 94
4) Vinyl Chloride	1.40	62	38384	18.053	ug/l 100
5) Bromomethane	1.63	94	18031	20.401	ug/l 98
6) Chloroethane	1.72	64	27367	21.284	ug/l 100
7) Trichlorofluoromethane	1.92	101	56030	19.524	ug/l 99
8) Diethyl Ether	2.18	74	21865	18.876	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	36418	19.608	ug/l 99
10) Methyl Iodide	2.50	142	32336	18.888	ug/l 100
11) Tert butyl alcohol	3.03	59	56656	92.085	ug/l 98
12) 1,1-Dichloroethene	2.36	96	35193	18.754	ug/l 97
13) Acrolein	2.28	56	27333	62.513	ug/l 97
14) Allyl chloride	2.72	41	61869	18.514	ug/l 98
15) Acrylonitrile	3.13	53	116791	100.168	ug/l 99
16) Acetone	2.43	43	111431	91.086	ug/l 98
17) Carbon Disulfide	2.56	76	87107	16.280	ug/l 99
18) Methyl Acetate	2.76	43	55360	19.092	ug/l 99
19) Methyl tert-butyl Ether	3.19	73	131082	20.228	ug/l 99
20) Methylene Chloride	2.85	84	42151	18.748	ug/l 96
21) trans-1,2-Dichloroethene	3.15	96	38631	19.207	ug/l 95
22) Diisopropyl ether	3.84	45	128911	20.131	ug/l 91
23) Vinyl Acetate	3.80	43	548114	99.152	ug/l 100
24) 1,1-Dichloroethane	3.69	63	71077	19.730	ug/l 99
25) 2-Butanone	4.66	43	165595	97.567	ug/l 99
26) 2,2-Dichloropropane	4.58	77	59623	19.682	ug/l 97
27) cis-1,2-Dichloroethene	4.58	96	46291	19.967	ug/l 98
28) Bromochloromethane	5.01	49	24825	22.815	ug/l 99
29) Tetrahydrofuran	5.11	42	102729	98.359	ug/l 98
30) Chloroform	5.20	83	74480	20.149	ug/l 99
31) Cyclohexane	5.57	56	62453	18.540	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	62440	19.936	ug/l 100
36) 1,1-Dichloropropene	5.79	75	53704	20.072	ug/l 98
37) Ethyl Acetate	4.82	43	60069	20.078	ug/l 99
38) Carbon Tetrachloride	5.78	117	52670	20.225	ug/l 96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	63875	19.686	ug/l	99
40) Benzene	6.14	78	162782	20.600	ug/l	98
41) Methacrylonitrile	5.03	41	33298	20.255	ug/l	99
42) 1,2-Dichloroethane	6.18	62	57487	20.274	ug/l	99
43) Isopropyl Acetate	6.43	43	97245	20.252	ug/l	99
44) Trichloroethene	7.21	130	42622	19.451	ug/l	94
45) 1,2-Dichloropropane	7.51	63	41832	20.771	ug/l	99
46) Dibromomethane	7.65	93	28541	21.270	ug/l	98
47) Bromodichloromethane	7.89	83	53914	20.589	ug/l	100
48) Methyl methacrylate	7.76	41	46527	19.883	ug/l	100
49) 1,4-Dioxane	7.73	88	23280	392.809	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	306452	102.361	ug/l	99
52) Toluene	8.78	92	104652	20.701	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	58154	19.192	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	66223	20.562	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	42592	21.289	ug/l	99
56) Ethyl methacrylate	9.17	69	67274	19.922	ug/l	99
57) 1,3-Dichloropropane	9.37	76	71045	20.529	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	154424	105.070	ug/l	100
59) 2-Hexanone	9.48	43	235478	101.042	ug/l	99
60) Dibromochloromethane	9.58	129	41461	19.788	ug/l	100
61) 1,2-Dibromoethane	9.67	107	43411	20.627	ug/l	100
64) Tetrachloroethene	9.33	164	40056	21.046	ug/l	97
65) Chlorobenzene	10.14	112	108636	19.936	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	39499	20.906	ug/l	98
67) Ethyl Benzene	10.25	91	195671	20.215	ug/l	100
68) m/p-Xylenes	10.35	106	149298	41.287	ug/l	97
69) o-Xylene	10.70	106	72527	20.567	ug/l	99
70) Styrene	10.71	104	123741	20.641	ug/l	100
71) Bromoform	10.85	173	27202	18.974	ug/l #	99
73) Isopropylbenzene	11.01	105	190666	20.482	ug/l	100
74) N-amyl acetate	10.89	43	79790	19.902	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	62223	20.097	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	61065m	21.744	ug/l	
77) Bromobenzene	11.25	156	46319	21.115	ug/l	96
78) n-propylbenzene	11.35	91	214083	20.900	ug/l	100
79) 2-Chlorotoluene	11.42	91	131050	20.357	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	161439	20.769	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	17506	18.805	ug/l	93
82) 4-Chlorotoluene	11.51	91	154958	21.001	ug/l	99
83) tert-Butylbenzene	11.76	119	158862	20.951	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	165163	20.980	ug/l	100
85) sec-Butylbenzene	11.94	105	180369	20.532	ug/l	100
86) p-Isopropyltoluene	12.06	119	168975	20.740	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	82772	20.319	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	80080	19.410	ug/l	99
89) n-Butylbenzene	12.38	91	134928	19.705	ug/l	97
90) Hexachloroethane	12.59	117	27121	19.330	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	82485	20.654	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14336	19.755	ug/l	97

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Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:48:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	49051	19.607	ug/l	99
94) Hexachlorobutadiene	13.77	225	22016	19.069	ug/l	98
95) Naphthalene	13.83	128	176855	20.394	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	51644	19.977	ug/l	98

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

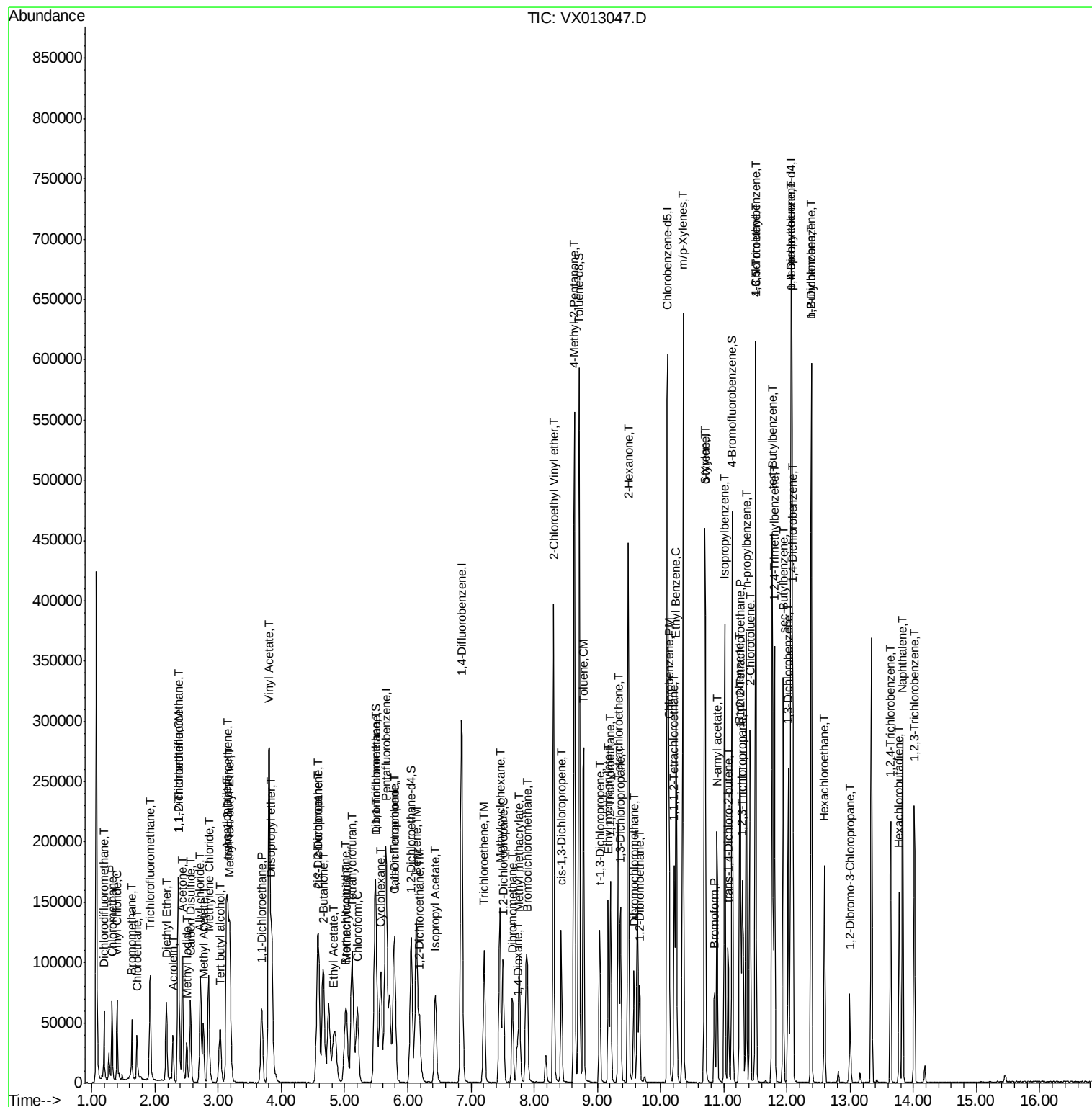
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Data File : VX013047.D
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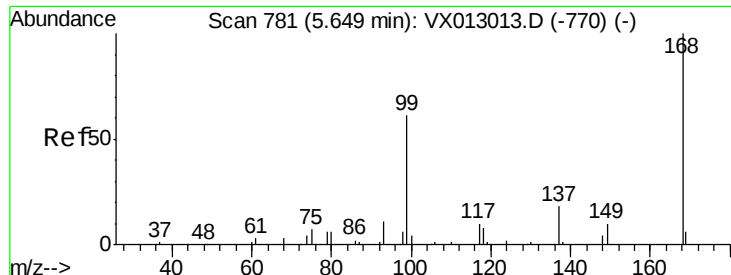
Instrument :
MSVOA_X
Client Sampled :
VX1014WBS01

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:48:22 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBS01

Tot Ion:168 Resp: 185693

Ion Ratio Lower Upper

168 100

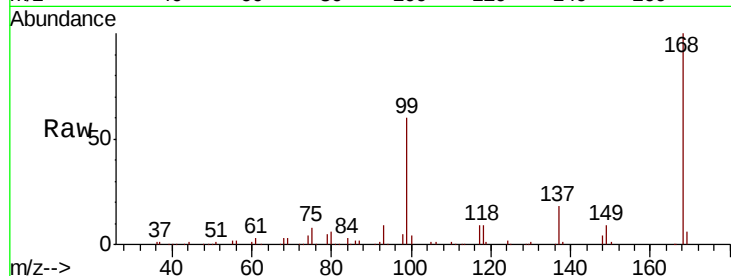
99 59.6 49.4 74.0

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

5.65

60000

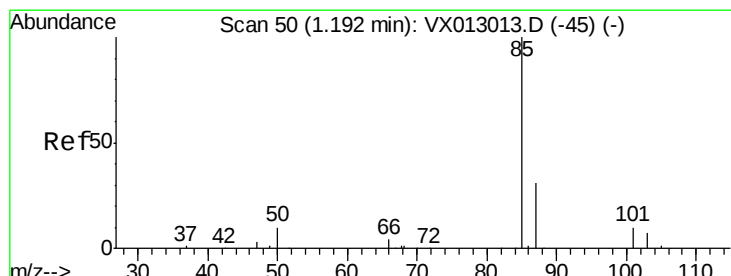
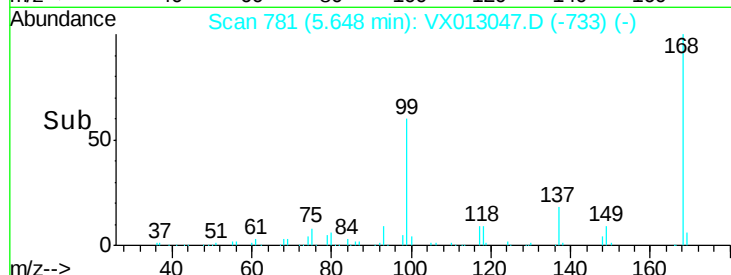
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.389 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX013047.D

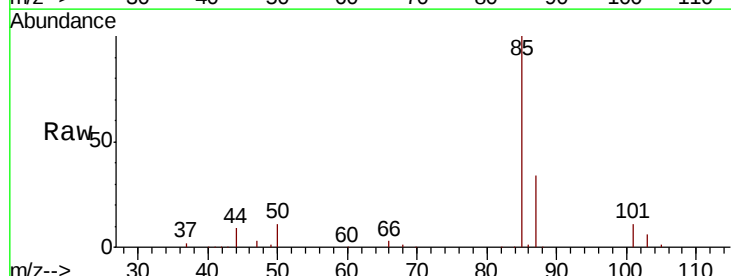
Acq: 14 Oct 2019 13:22

Tgt Ion: 85 Resp: 34807

Ion Ratio Lower Upper

85 100

87 33.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

30000

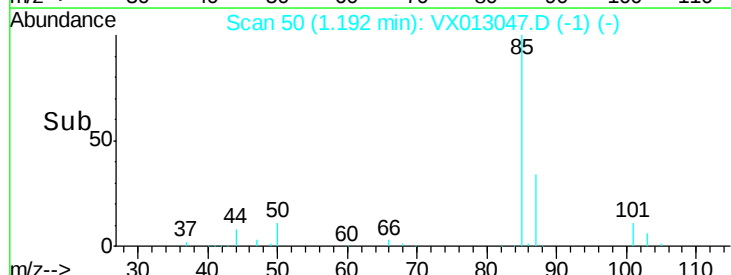
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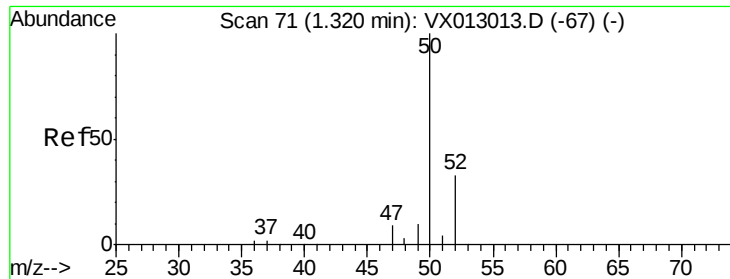
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Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 18.033 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBS01

Tot Ion: 50 Resp: 37147

Ion Ratio Lower Upper

50 100

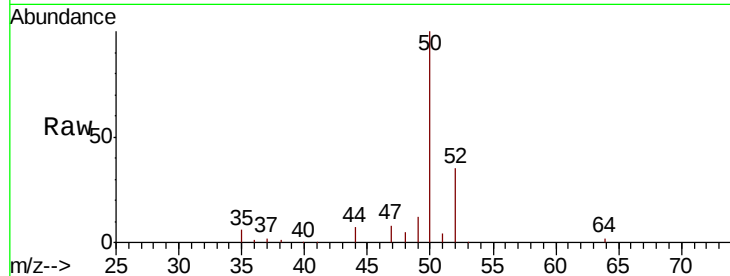
52 35.0 25.2 37.8

Manual Integrations

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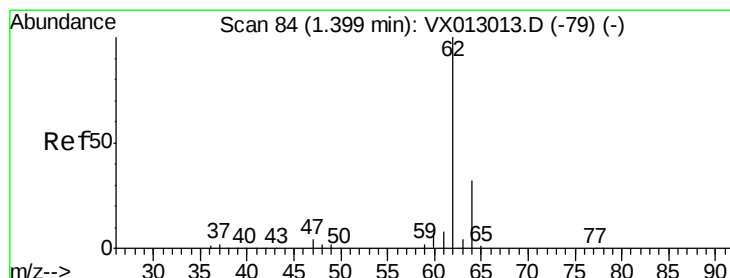
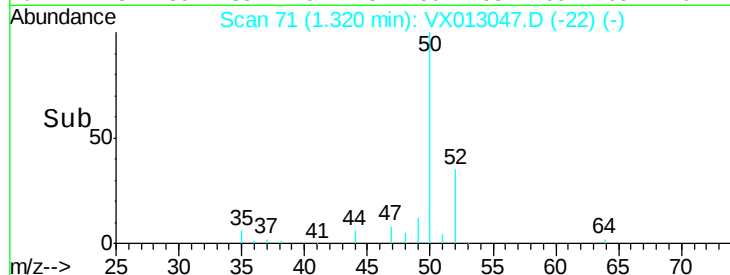
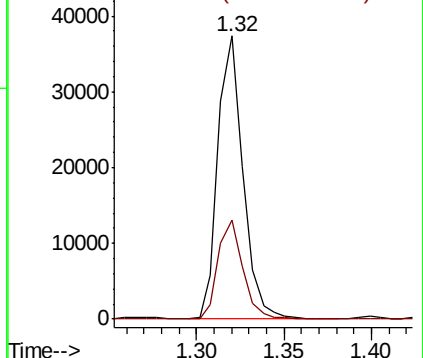
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.053 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013047.D

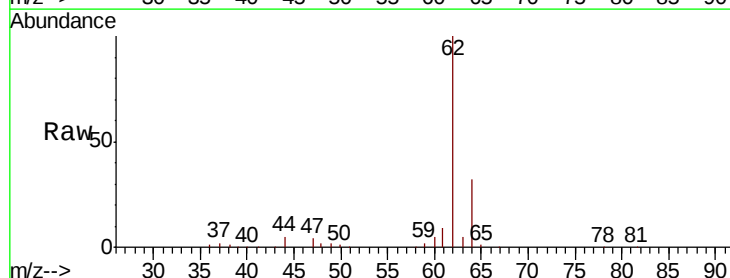
Acq: 14 Oct 2019 13:22

Tgt Ion: 62 Resp: 38384

Ion Ratio Lower Upper

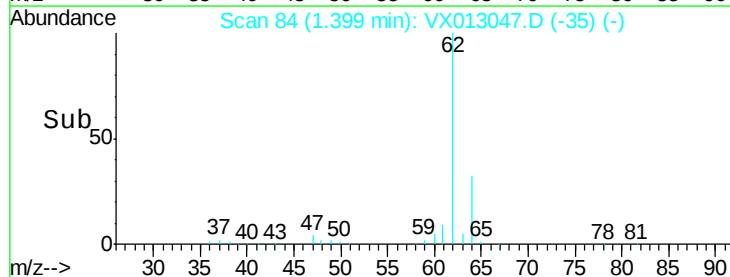
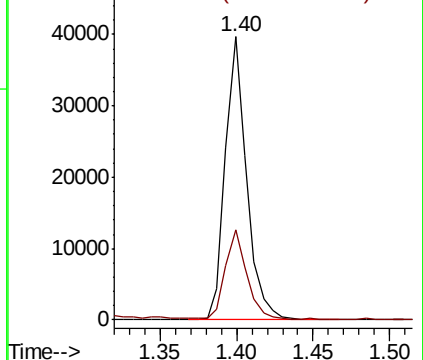
62 100

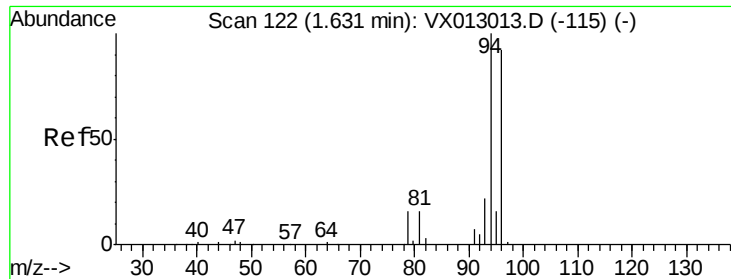
64 31.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.401 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBS01

Tot Ion: 94 Resp: 18031

Ion Ratio Lower Upper

94 100

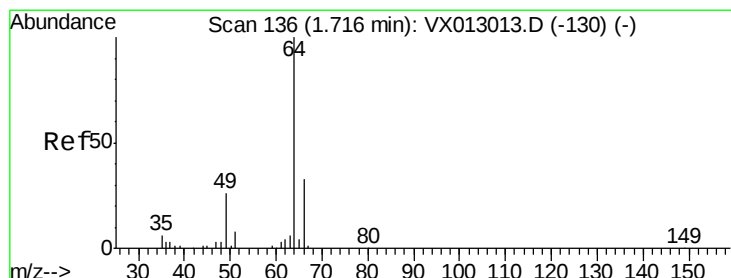
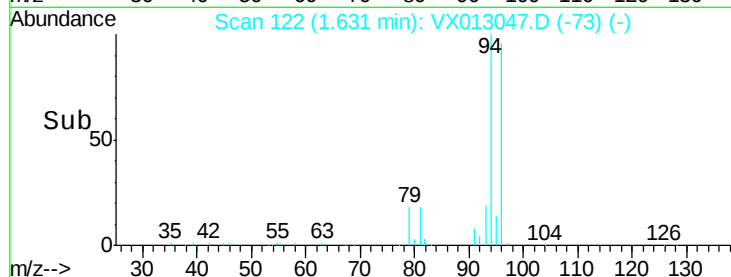
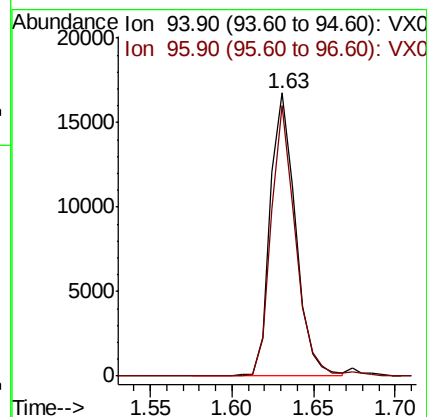
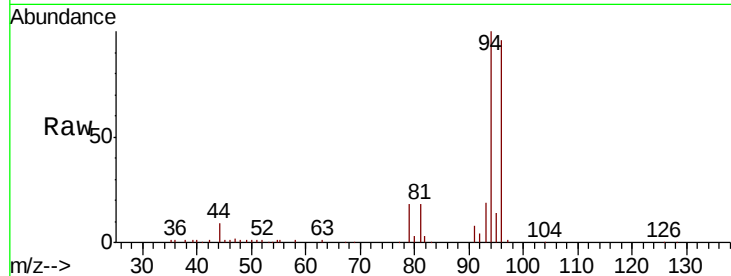
96 95.6 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 21.284 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013047.D

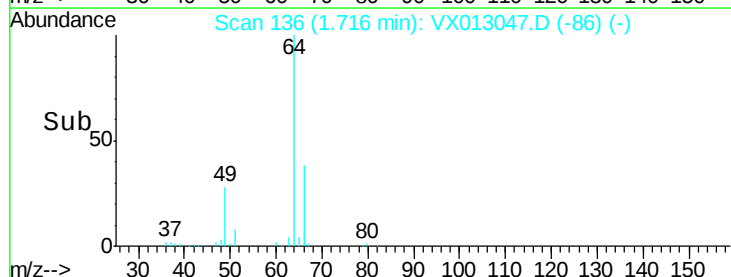
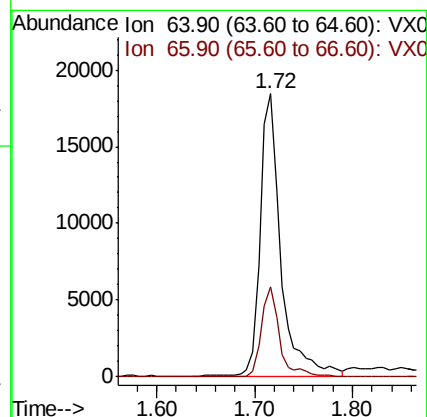
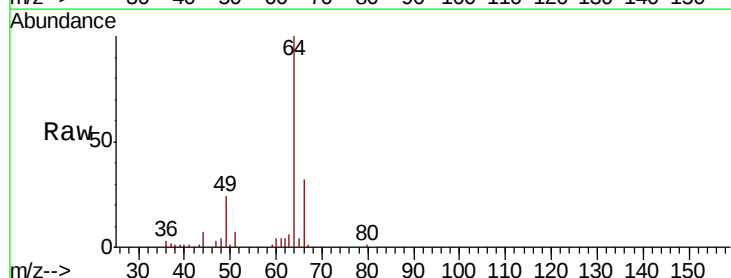
Acq: 14 Oct 2019 13:22

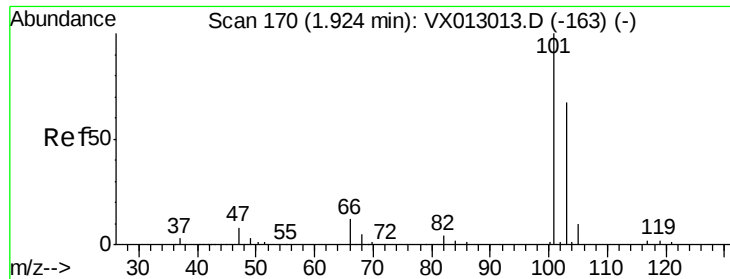
Tgt Ion: 64 Resp: 27367

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4





#7

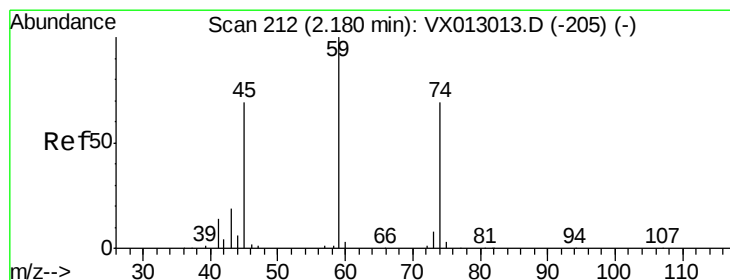
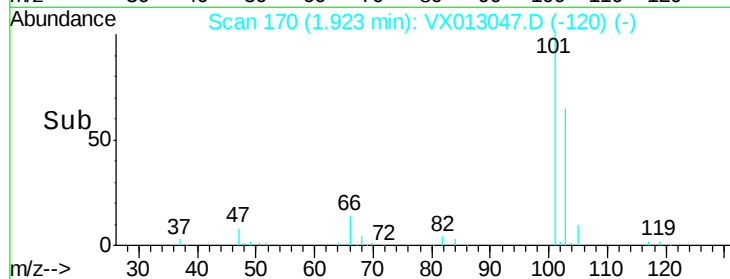
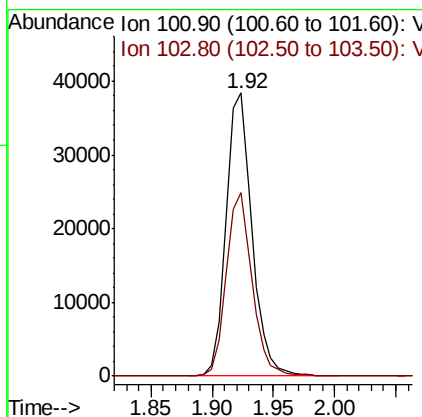
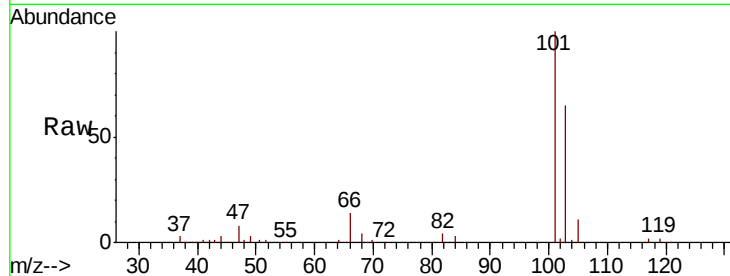
Trichlorofluoromethane
Concen: 19.524 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	64.9	52.5	78.7	

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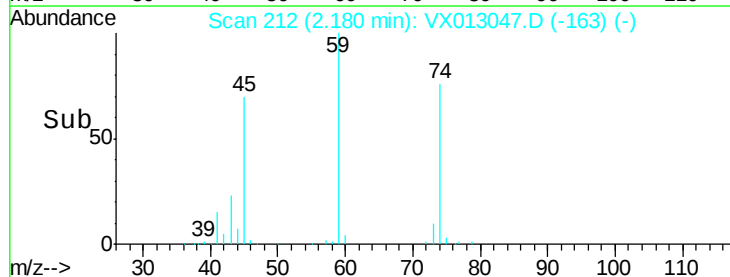
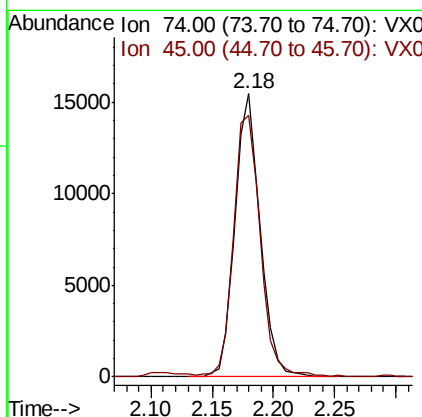
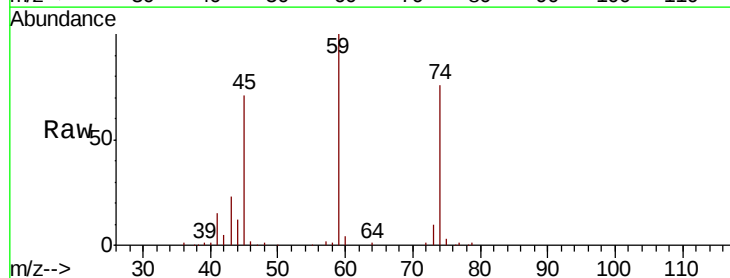
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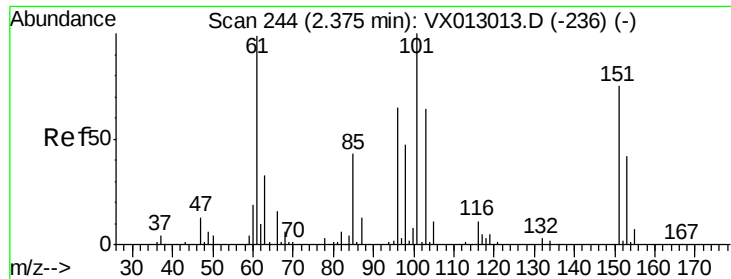


#8

Diethyl Ether
Concen: 18.876 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	98.6	47.8	143.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.608 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

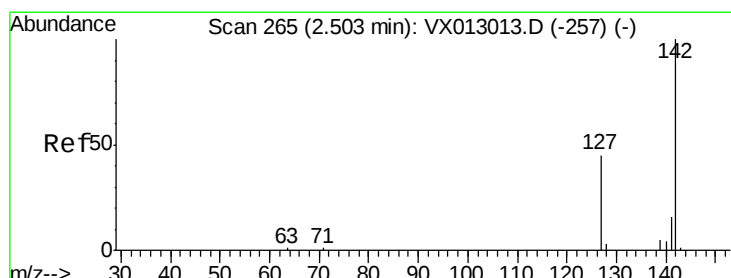
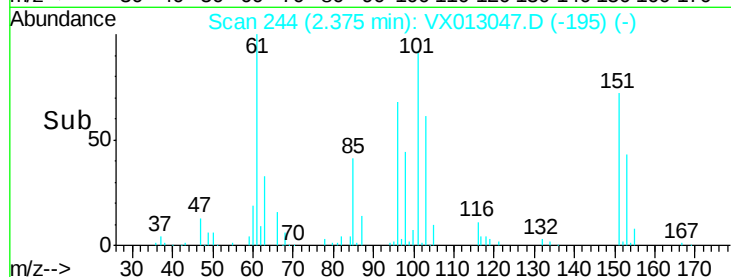
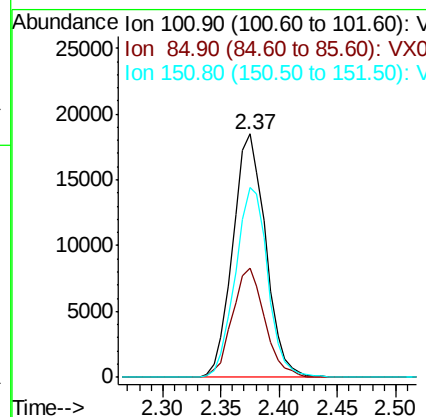
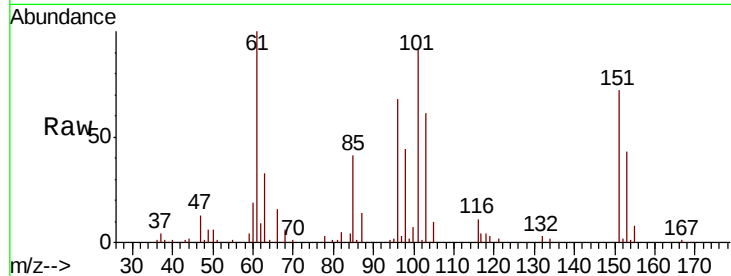
ClientSampleId :

VX1014WBS01

Tot Ion:	101	Resp:	36418
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.2	52.8
151	77.3	60.3	90.5

Manual Integrations
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#10

Methyl Iodide

Concen: 18.888 ug/l

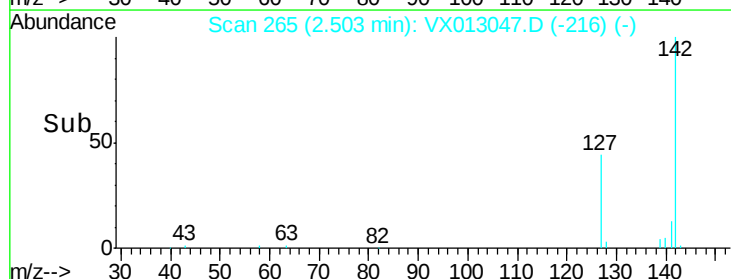
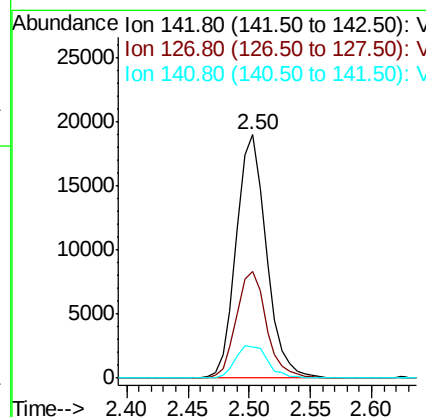
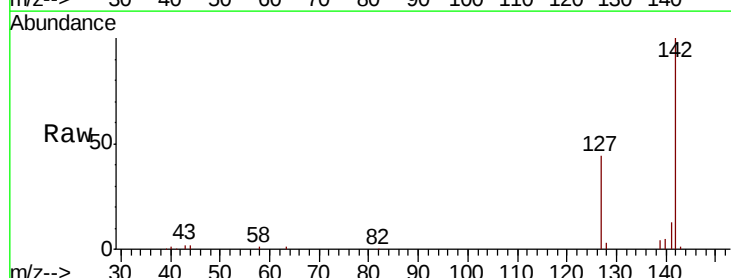
RT: 2.50 min Scan# 265

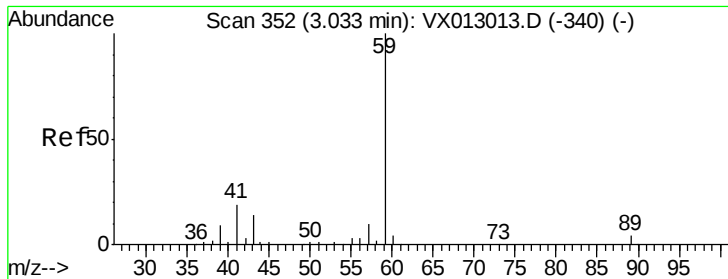
Delta R.T. 0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Tgt Ion:	142	Resp:	32336
Ion Ratio	Lower	Upper	
142	100		
127	43.6	34.9	52.3
141	14.1	11.6	17.4





#11

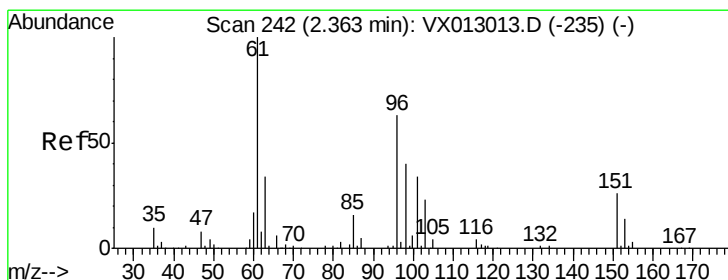
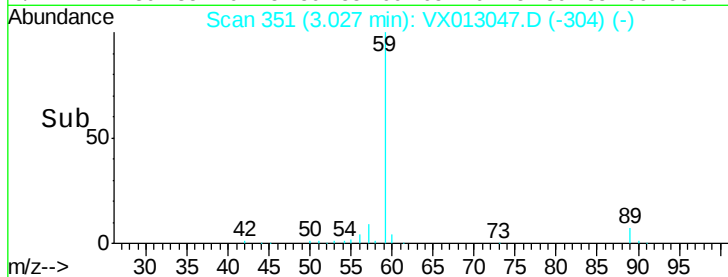
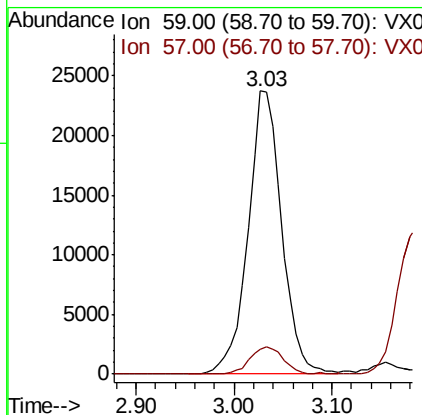
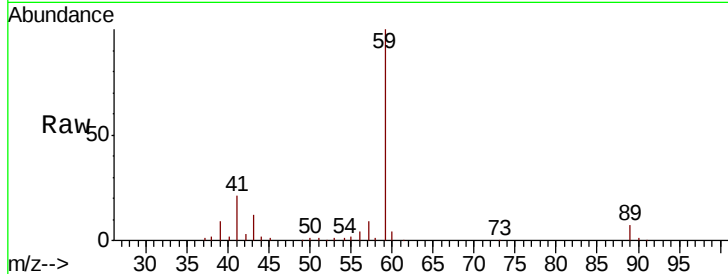
Tert butyl alcohol
Concen: 92.085 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.3	12.5

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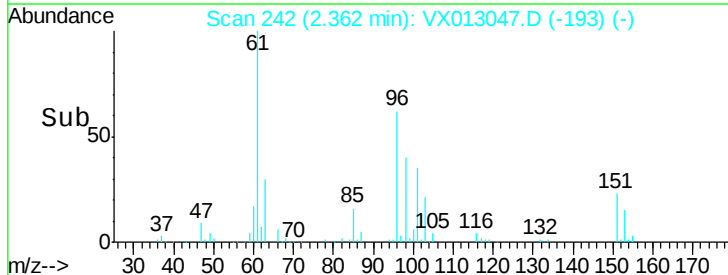
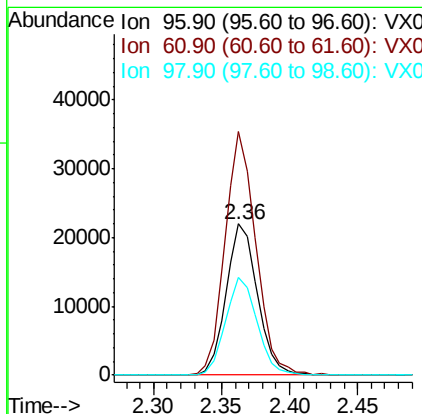
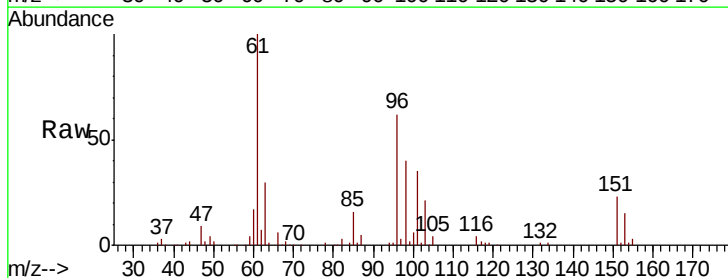
MMDadoda
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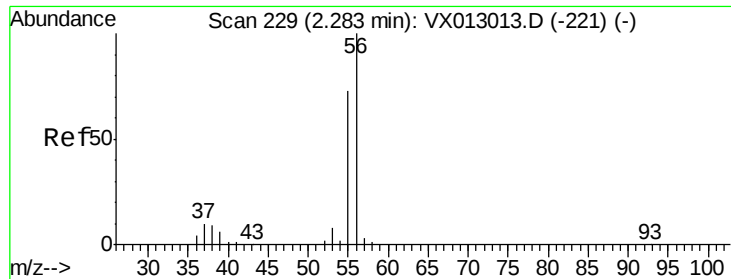


#12

1,1-Dichloroethene
Concen: 18.754 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.7	132.2	198.4
98	64.4	50.5	75.7





#13

Acrolein

Concen: 62.513 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBS01

Tot Ion: 56 Resp: 27333

Ion Ratio Lower Upper

56 100

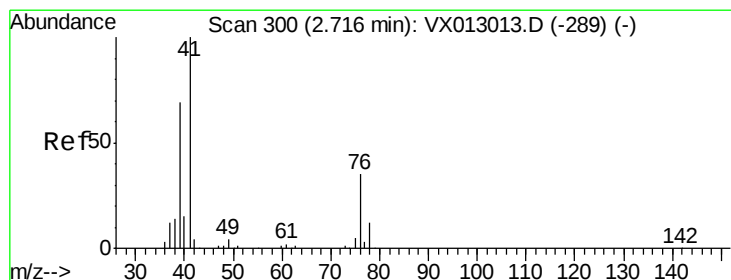
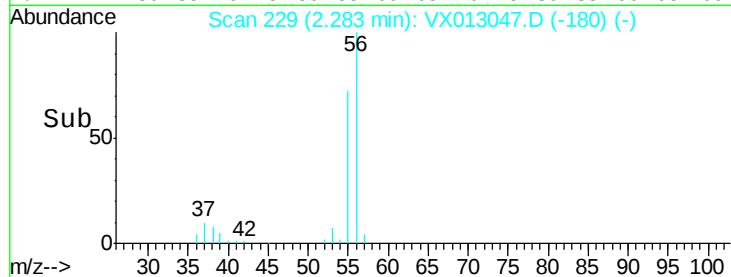
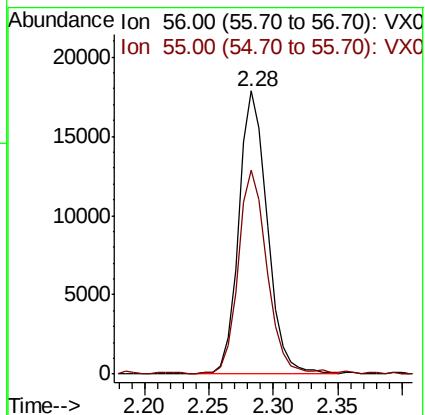
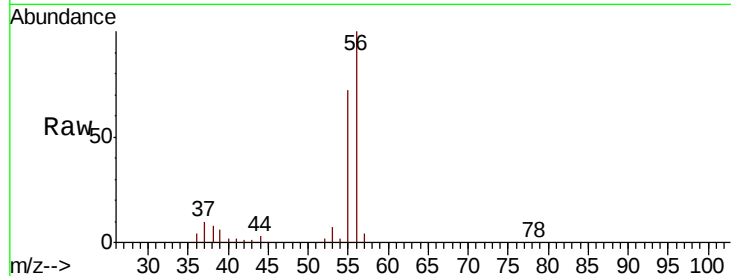
55 73.6 56.6 85.0

Manual Integrations

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#14

Allyl chloride

Concen: 18.514 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

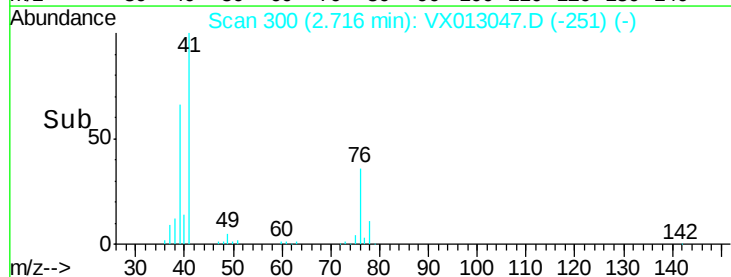
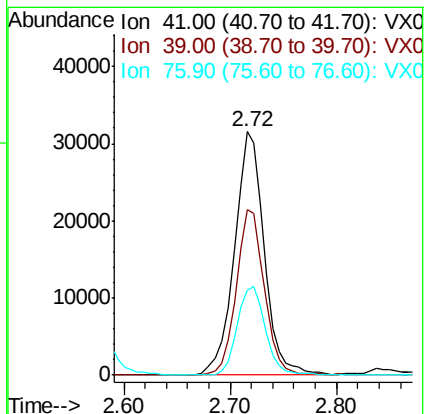
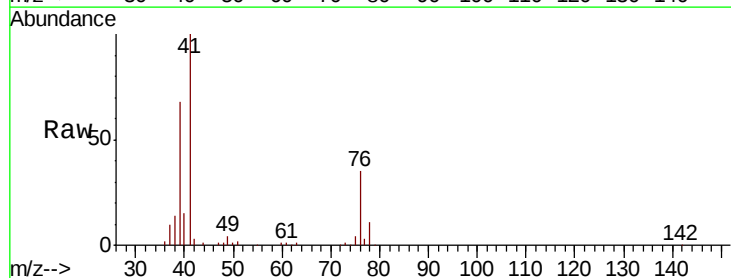
Tgt Ion: 41 Resp: 61869

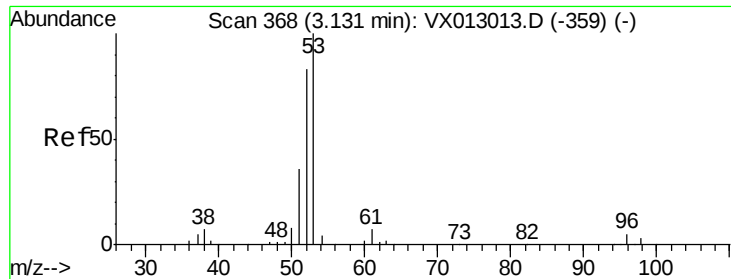
Ion Ratio Lower Upper

41 100

39 64.6 51.0 76.6

76 34.5 26.2 39.4





#15

Acrylonitrile

Concen: 100.168 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

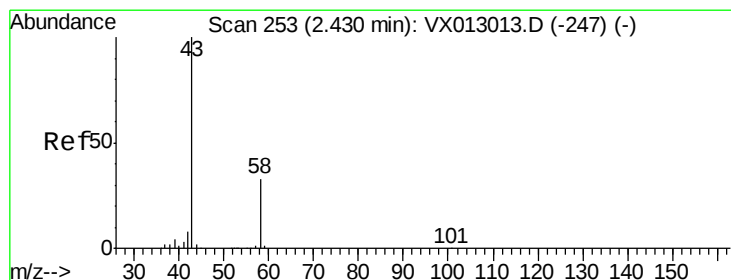
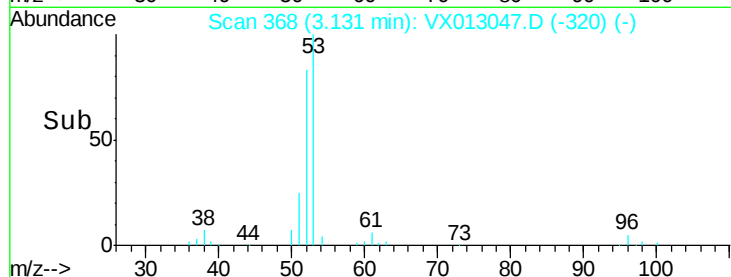
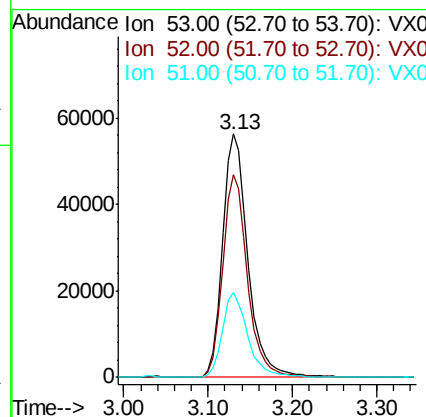
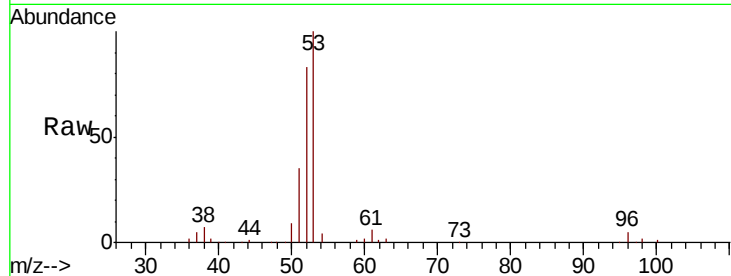
ClientSampleId :

VX1014WBS01

Tot Ion:	53	Resp:	116791
Ion Ratio	Lower	Upper	
53	100		
52	81.6	66.2	99.2
51	35.4	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 91.086 ug/l

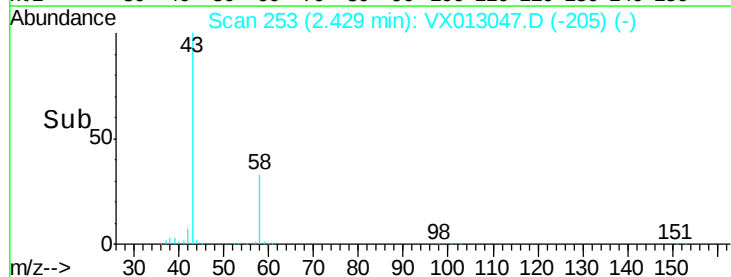
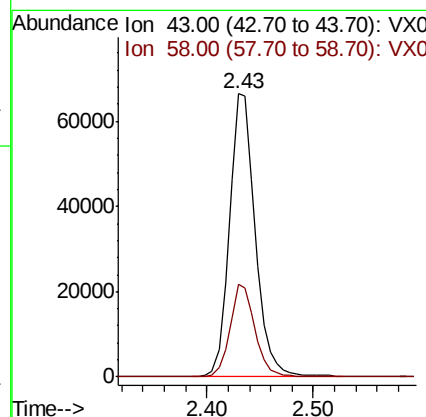
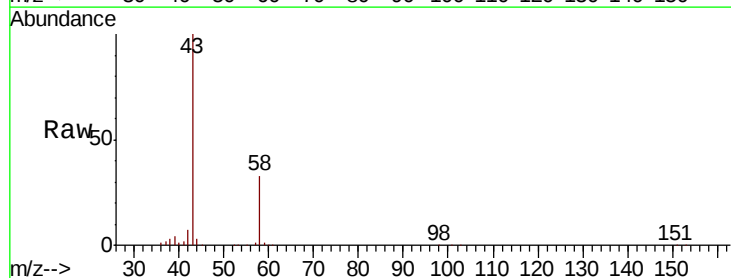
RT: 2.43 min Scan# 253

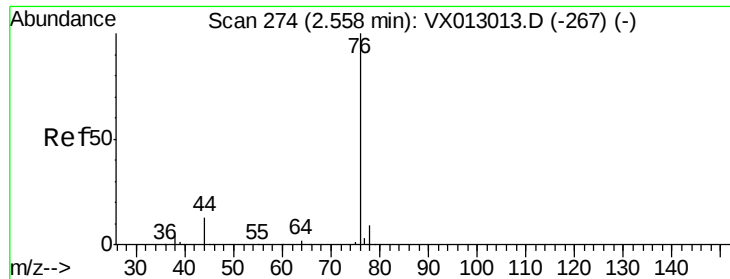
Delta R.T. -0.01 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Tgt Ion:	43	Resp:	111431
Ion Ratio	Lower	Upper	
43	100		
58	32.6	25.4	38.2





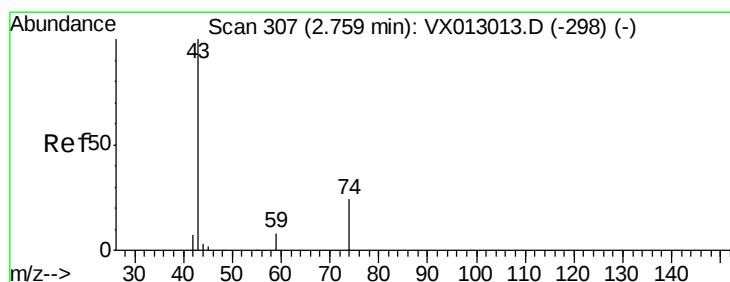
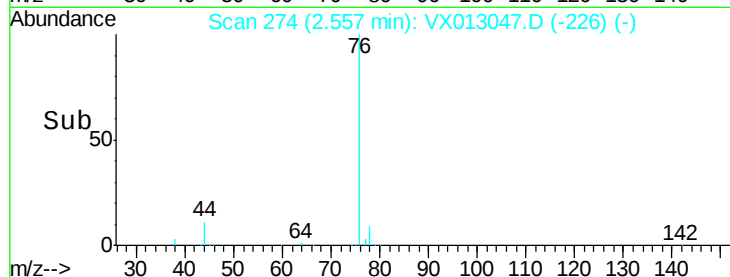
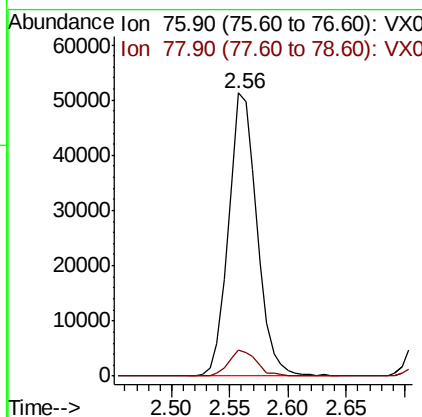
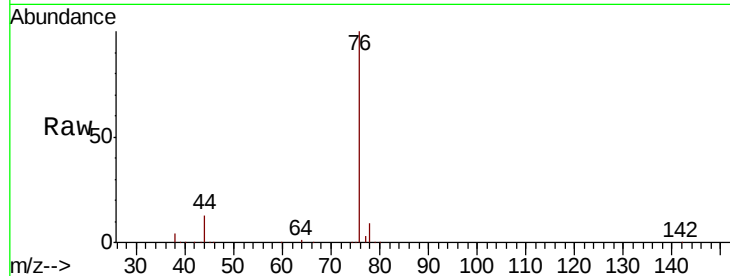
#17
Carbon Disulfide
Concen: 16.280 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.1	10.7

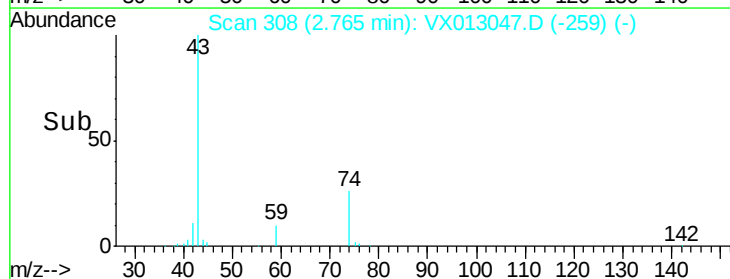
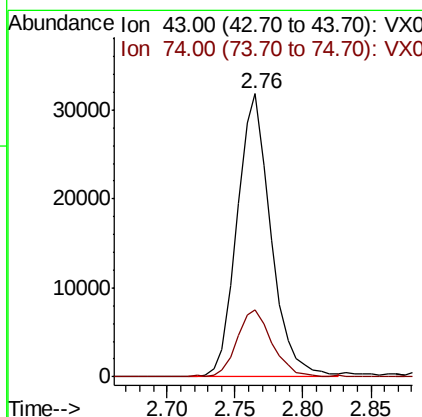
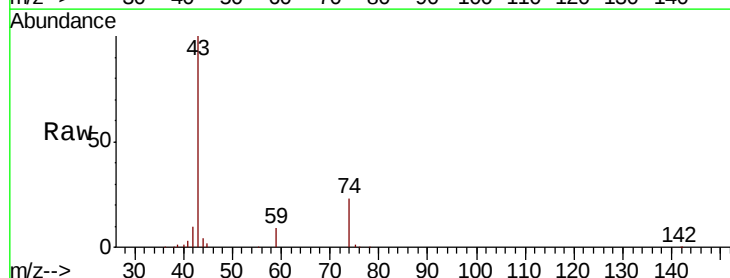
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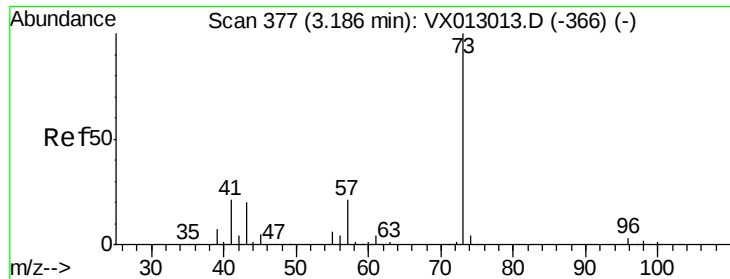
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#18
Methyl Acetate
Concen: 19.092 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.2	28.8





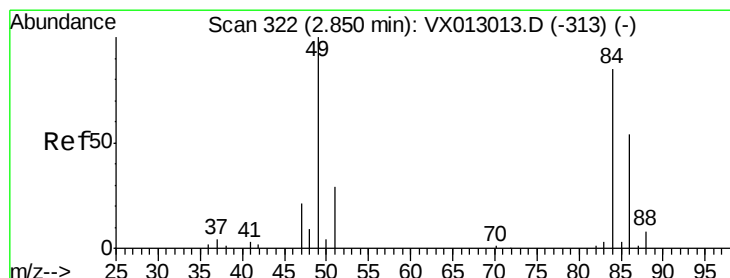
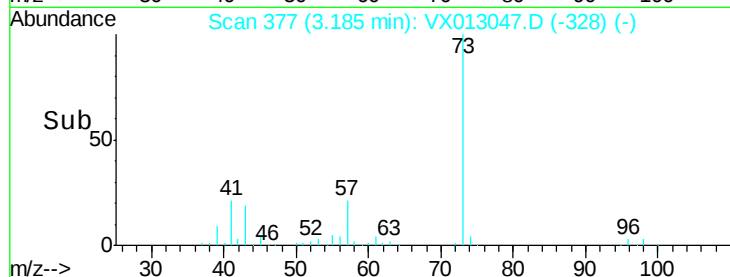
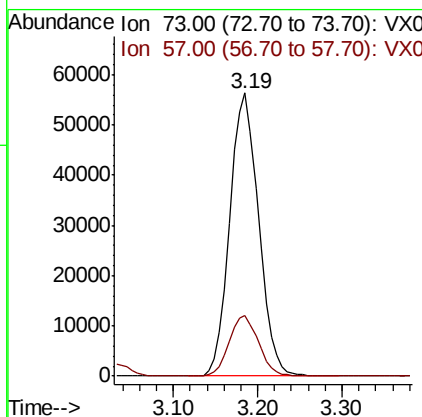
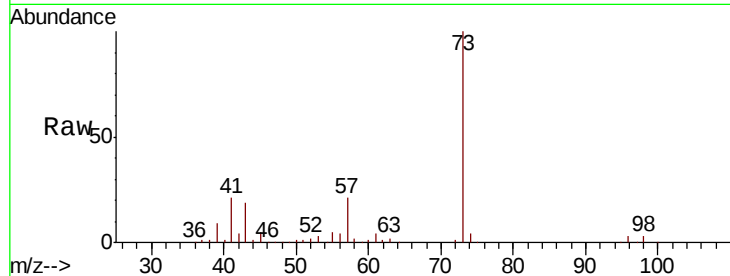
#19
Methyl tert-butyl Ether
Concen: 20.228 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Tot Ion: 73 Resp: 131082
Ion Ratio Lower Upper
73 100
57 21.5 17.8 26.6

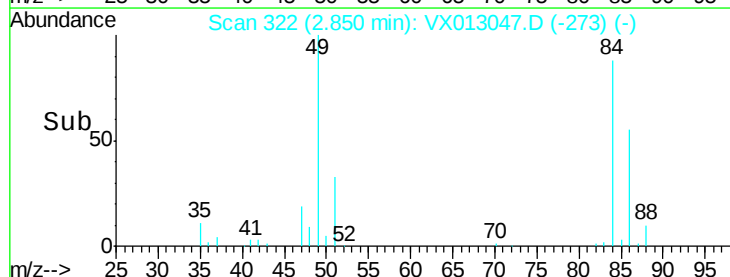
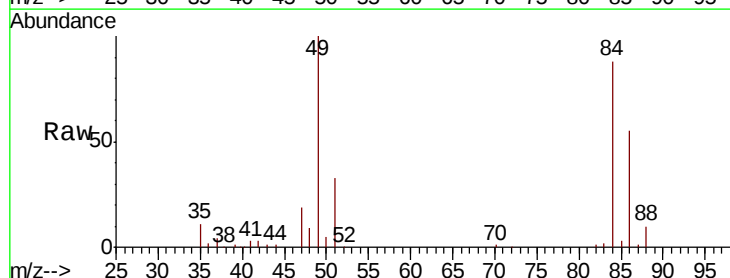
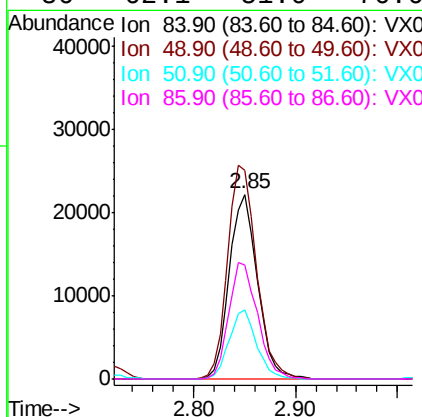
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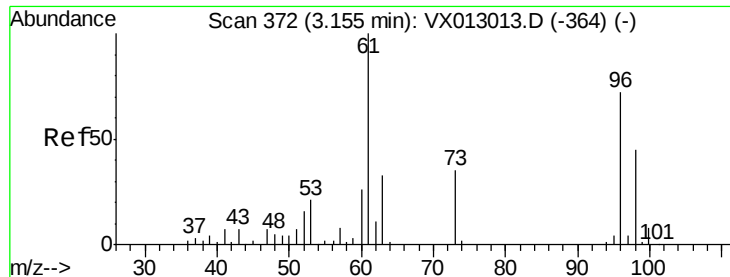
MMDadoda
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#20
Methylene Chloride
Concen: 18.748 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion: 84 Resp: 42151
Ion Ratio Lower Upper
84 100
49 113.3 96.6 144.8
51 37.6 30.7 46.1
86 62.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.207 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

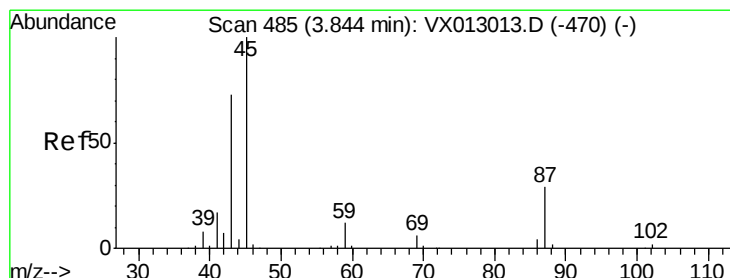
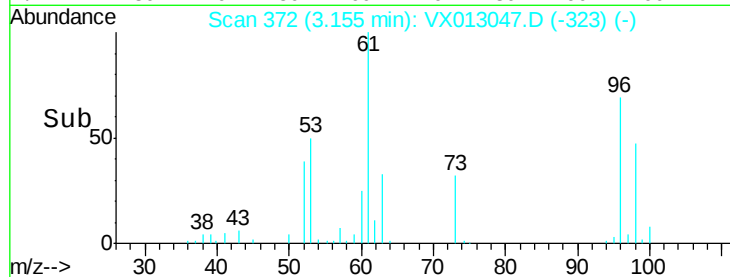
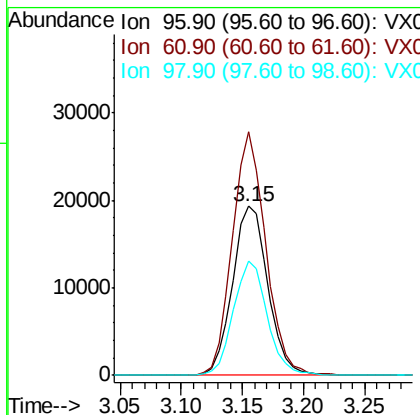
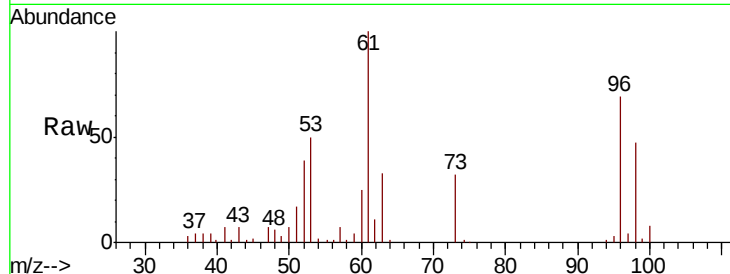
ClientSampleId :

VX1014WBS01

Tot Ion:	96	Resp:	38631
Ion	Ratio	Lower	Upper
96	100		
61	143.9	110.4	165.6
98	67.7	51.5	77.3

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#22

Diisopropyl ether

Concen: 20.131 ug/l

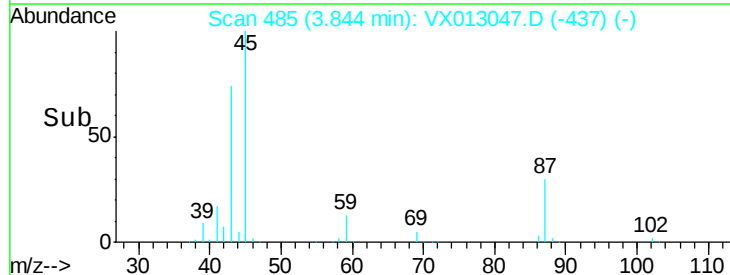
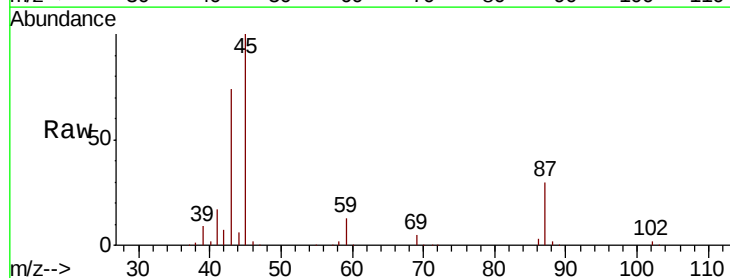
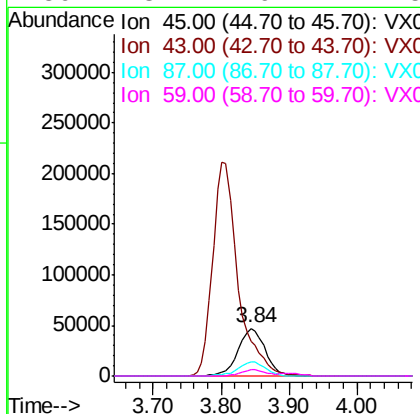
RT: 3.84 min Scan# 485

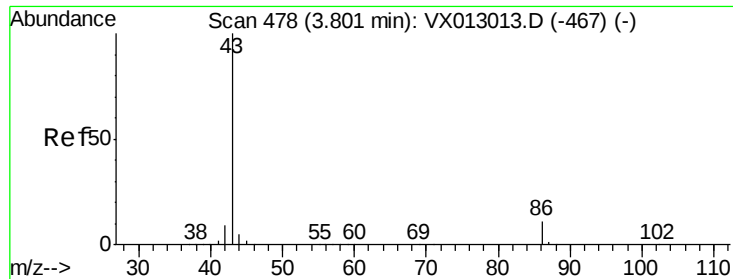
Delta R.T. -0.01 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Tgt Ion:	45	Resp:	128911
Ion	Ratio	Lower	Upper
45	100		
43	73.8	51.4	77.0
87	29.9	22.5	33.7
59	13.2	9.7	14.5





#23

Vinyl Acetate

Concen: 99.152 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBS01

Tot Ion: 43 Resp: 548114

Ion Ratio Lower Upper

43 100

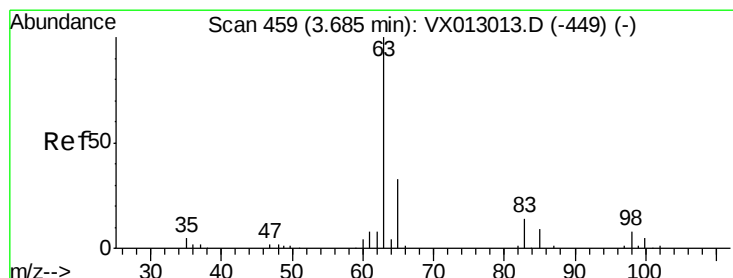
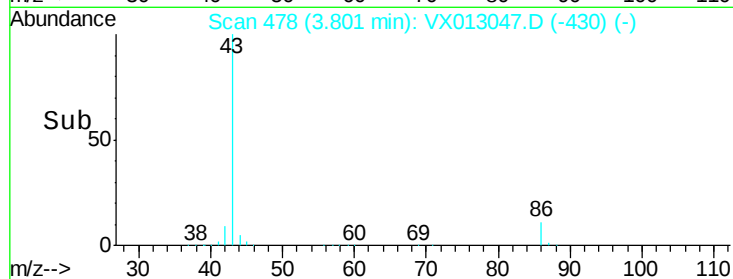
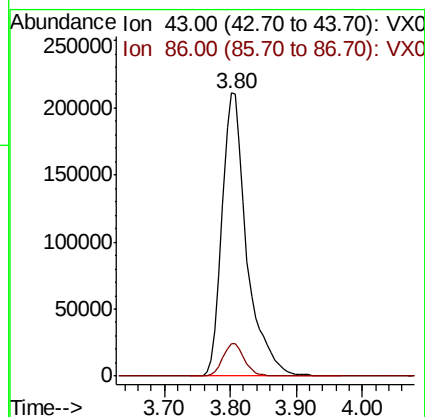
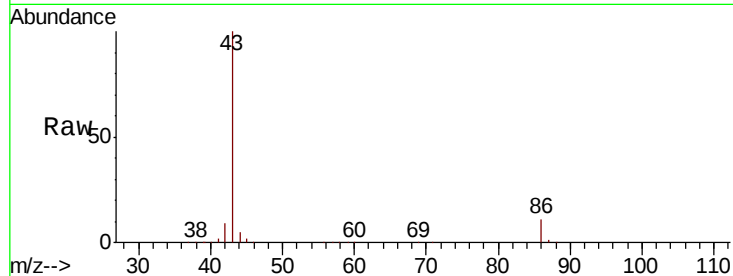
86 11.5 9.0 13.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.730 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

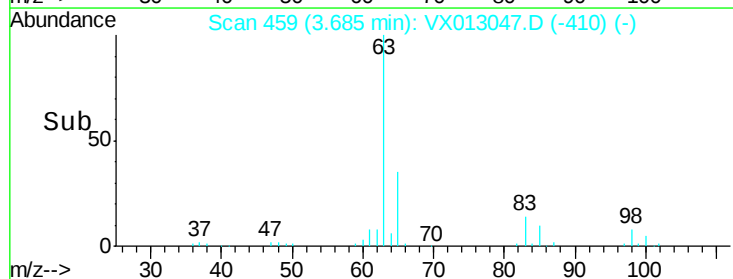
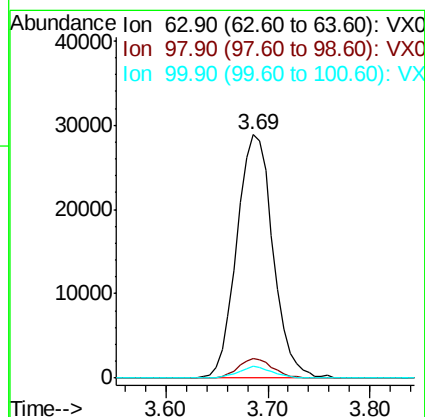
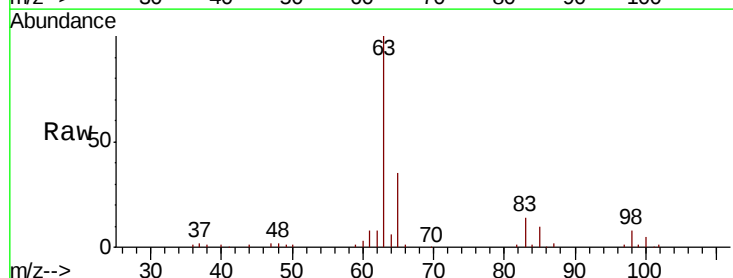
Tgt Ion: 63 Resp: 71077

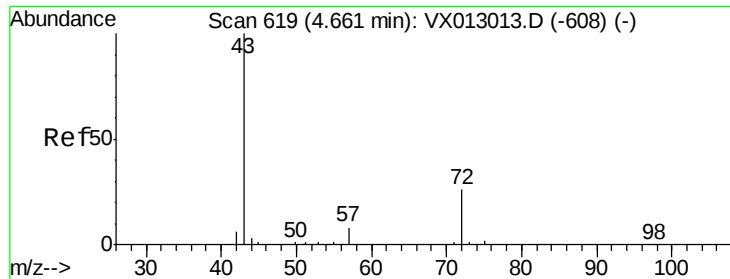
Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.5

100 4.9 2.3 6.9





#25

2-Butanone

Concen: 97.567 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBS01

Tot Ion: 43 Resp: 165595

Ion Ratio Lower Upper

43 100

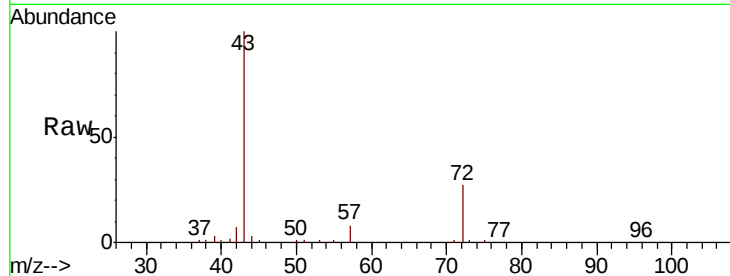
72 27.0 21.0 31.6

Manual Integrations

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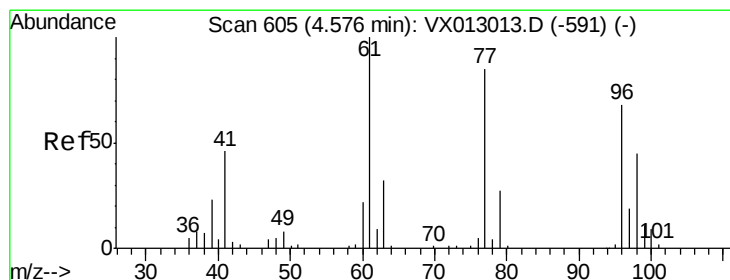
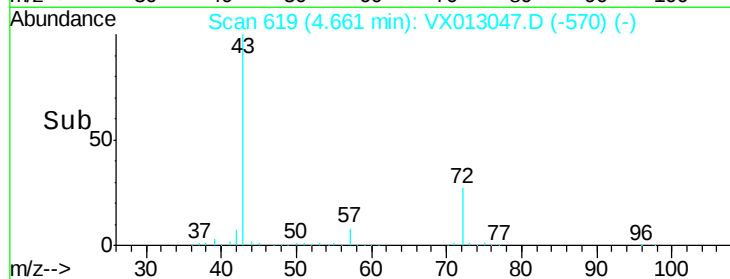
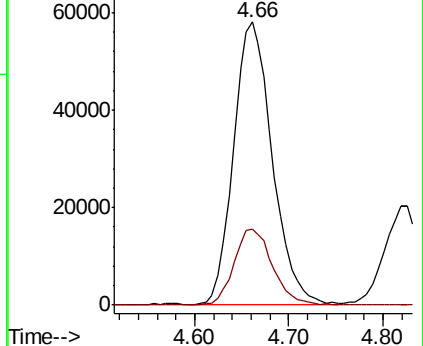
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.682 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX013047.D

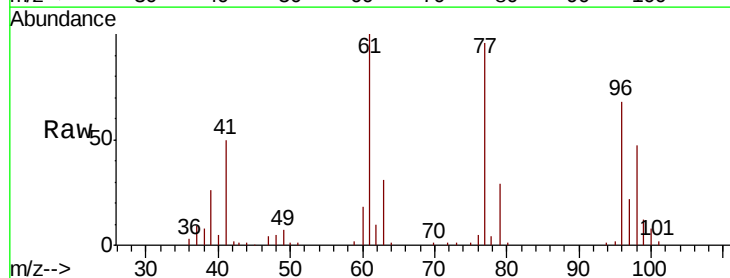
Acq: 14 Oct 2019 13:22

Tgt Ion: 77 Resp: 59623

Ion Ratio Lower Upper

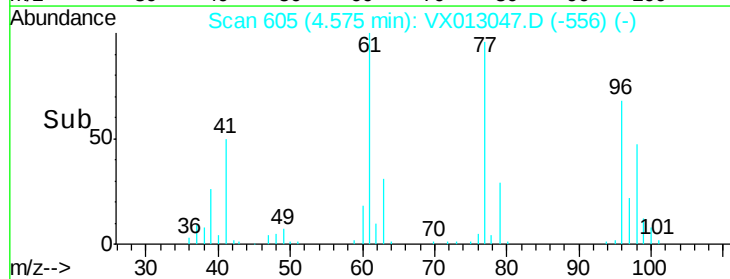
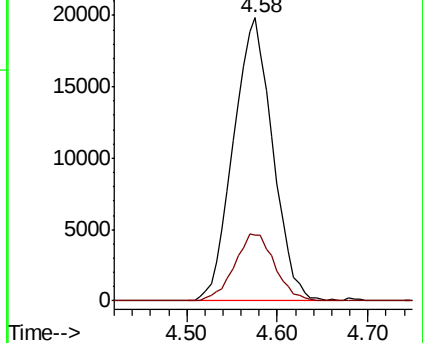
77 100

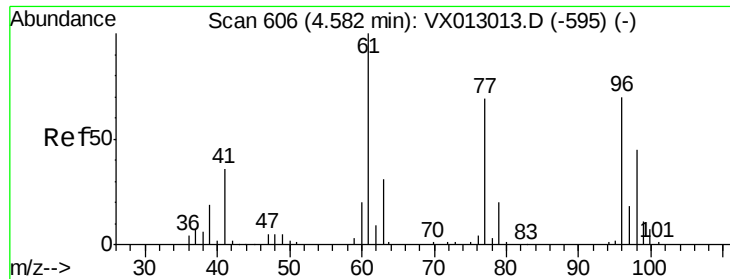
97 24.2 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

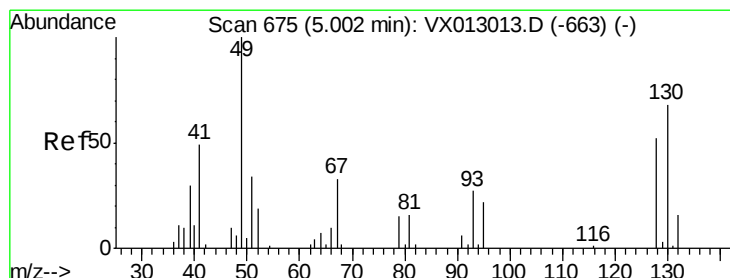
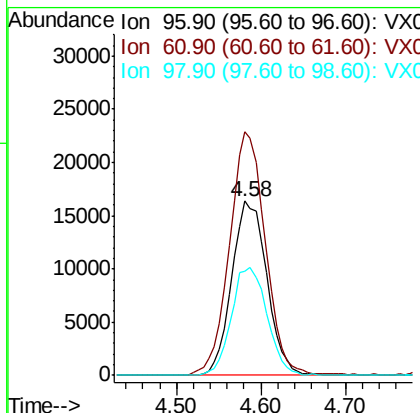
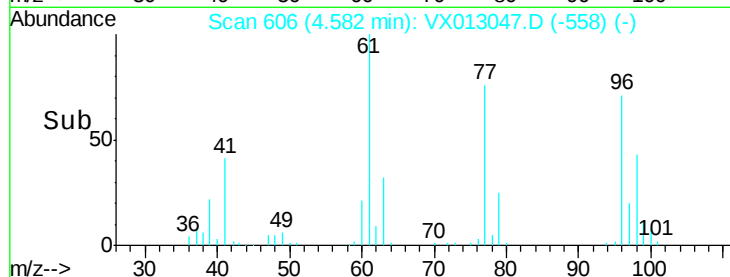
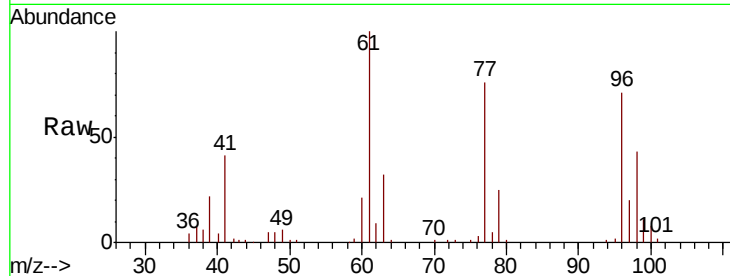
cis-1,2-Dichloroethene
Concen: 19.967 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	46291		
61	142.3	0.0	290.6	
98	62.6	0.0	128.8	

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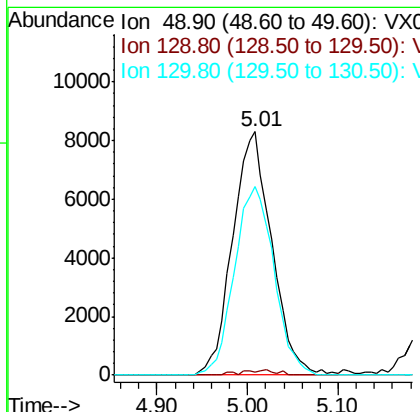
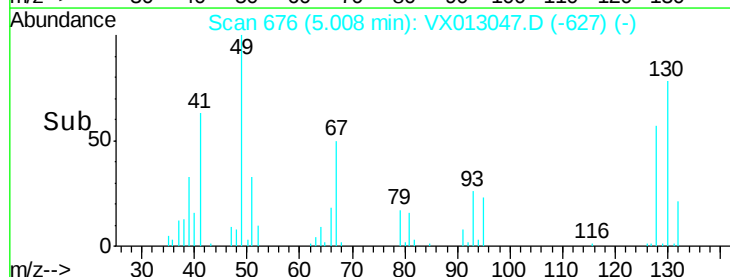
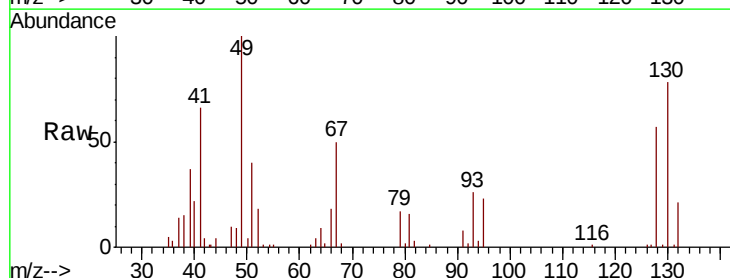
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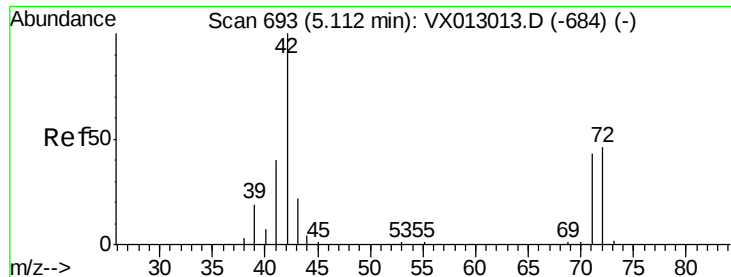


#28

Bromochloromethane
Concen: 22.815 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	24825		
129	0.9	0.0	4.2	
130	78.2	62.1	93.1	





#29

Tetrahydrofuran

Concen: 98.359 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

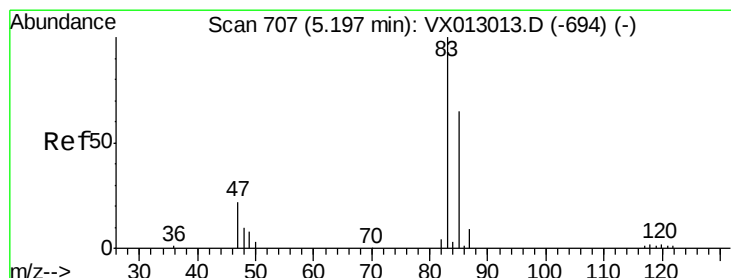
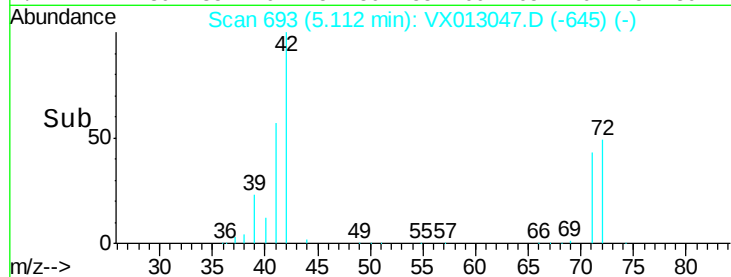
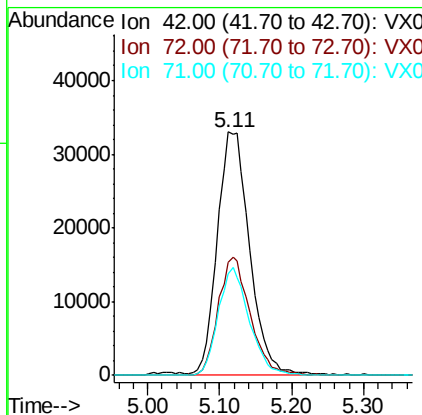
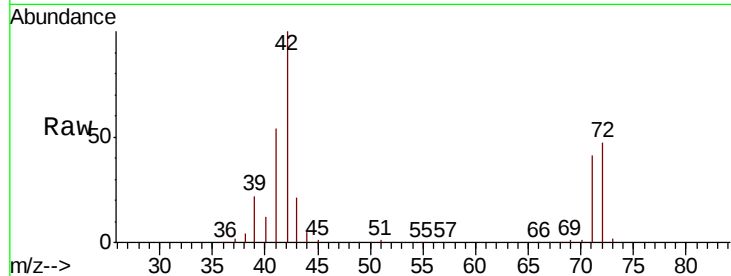
ClientSampleId :

VX1014WBS01

Tot Ion:	42	Resp:	102729
Ion	Ratio	Lower	Upper
42	100		
72	48.1	36.9	55.3
71	42.6	33.5	50.3

Manual Integrations
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#30

Chloroform

Concen: 20.149 ug/l

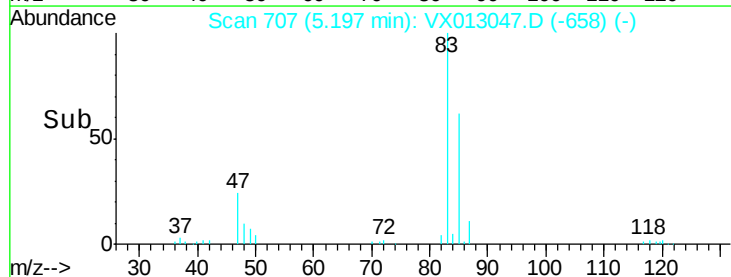
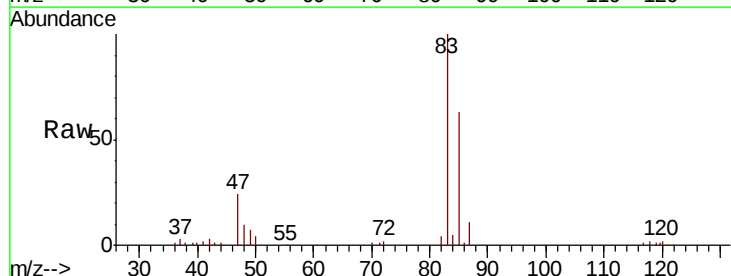
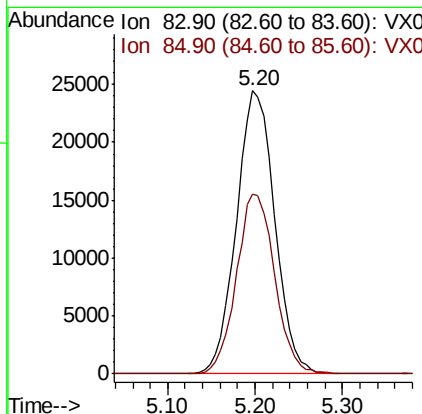
RT: 5.20 min Scan# 707

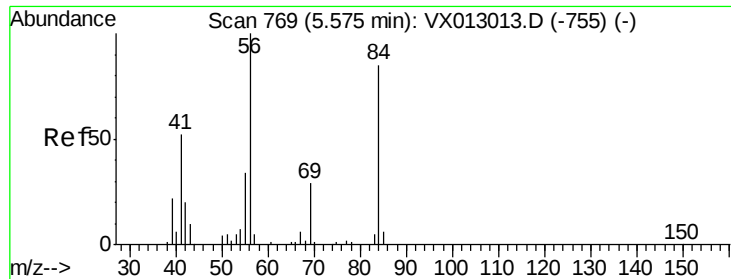
Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Tgt Ion:	83	Resp:	74480
Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.5	77.3





#31

Cyclohexane

Concen: 18.540 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

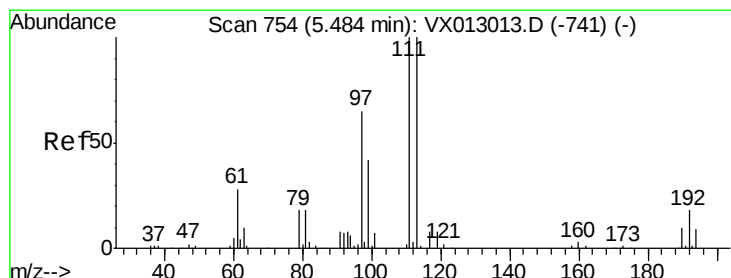
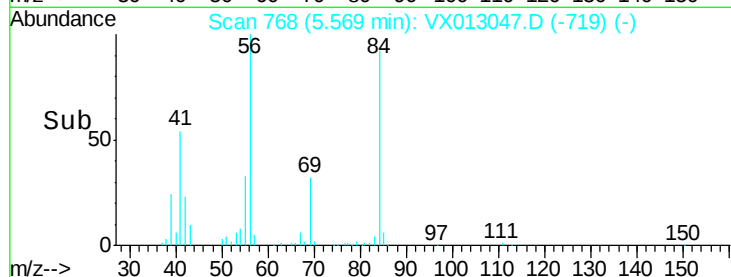
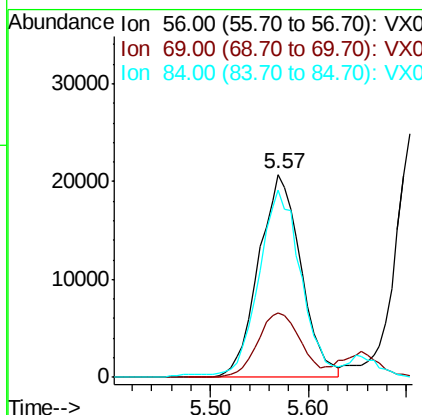
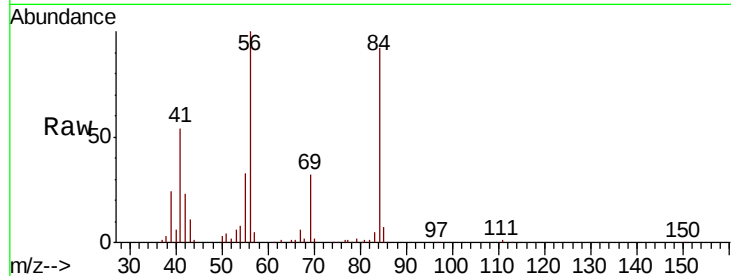
ClientSampleId :

VX1014WBS01

Tot Ion:	56	Resp:	62453
Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.2	37.8
84	91.1	71.3	106.9

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#32

1,1,1-Trichloroethane

Concen: 19.936 ug/l

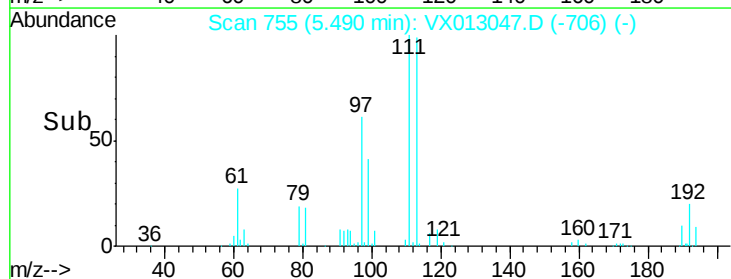
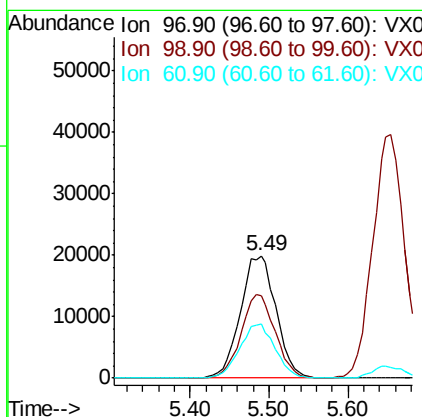
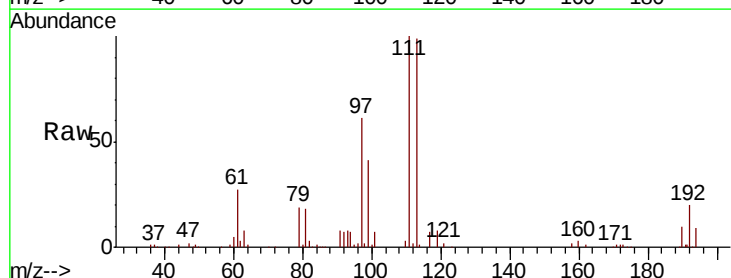
RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Tgt Ion:	97	Resp:	62440
Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.3	78.5
61	43.9	35.0	52.4





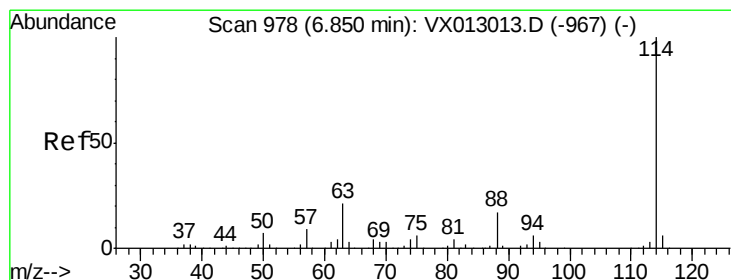
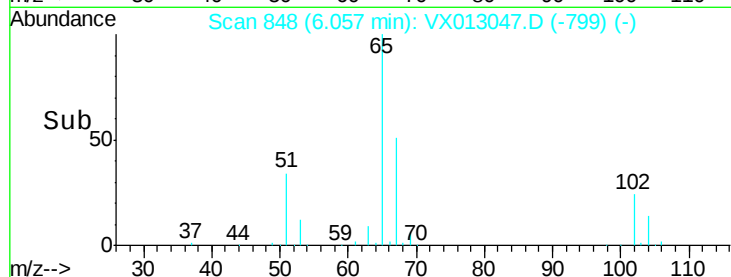
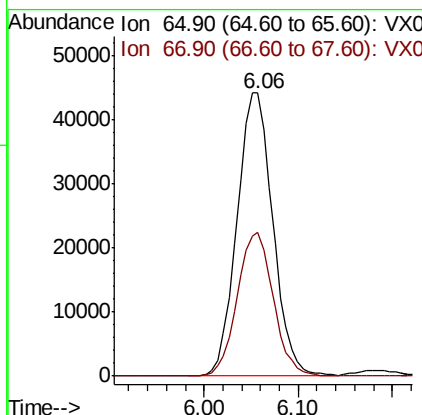
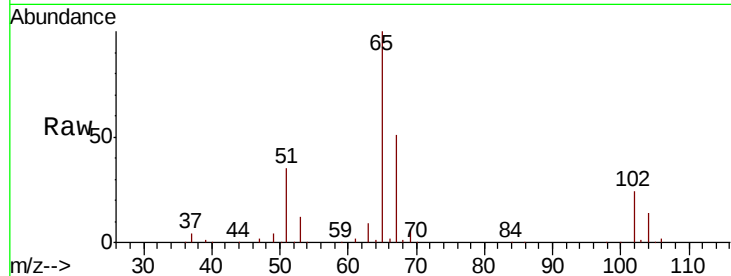
#33
 1,2-Dichloroethane-d4
 Concen: 50.290 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	104.4

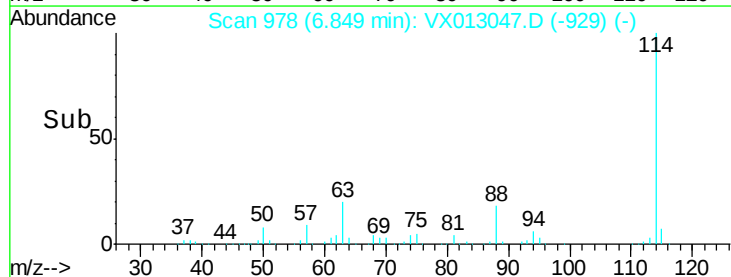
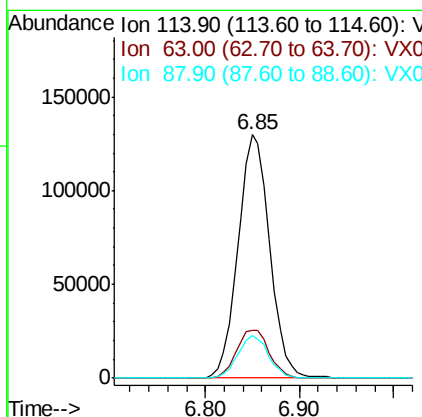
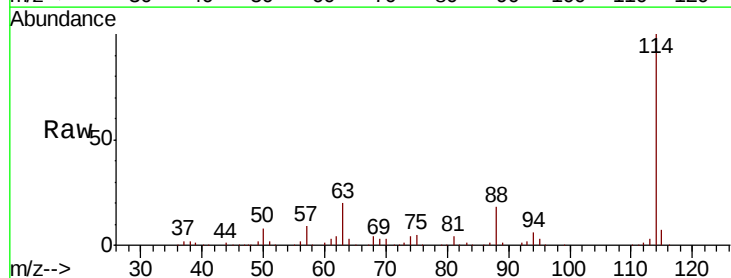
Manual Integrations
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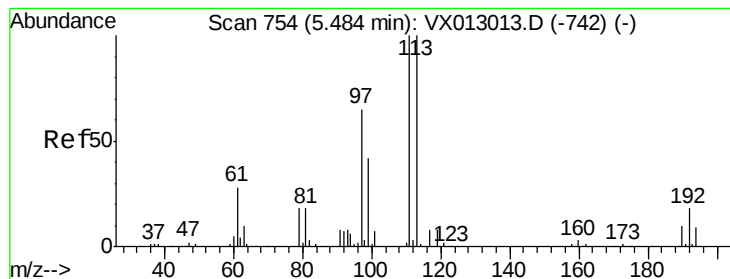
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.8
88	17.6	0.0	33.8





#35

Dibromofluoromethane

Concen: 53.257 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

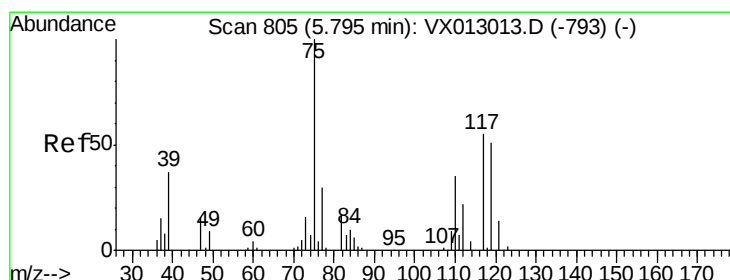
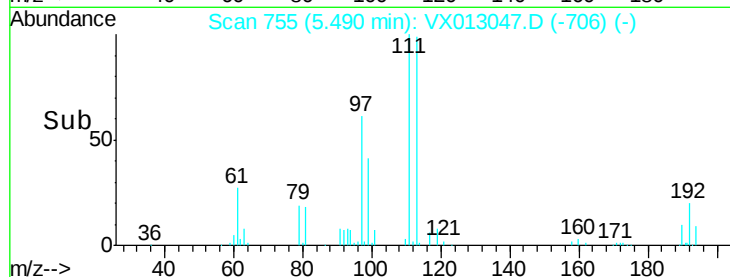
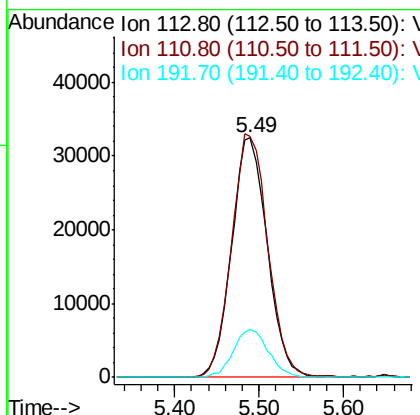
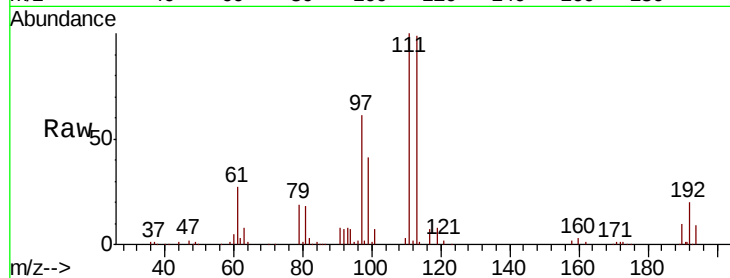
ClientSampleId :

VX1014WBS01

Tot Ion:	113	Resp:	93018
Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.2	124.8
192	19.6	15.4	23.2

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#36

1,1-Dichloropropene

Concen: 20.072 ug/l

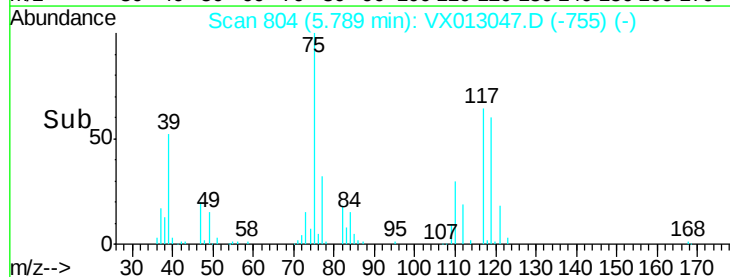
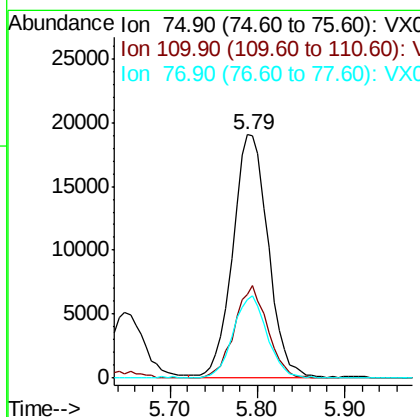
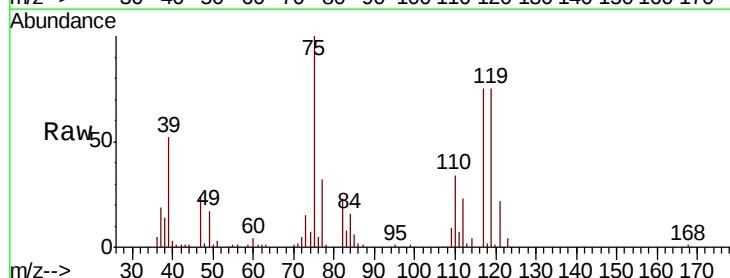
RT: 5.79 min Scan# 804

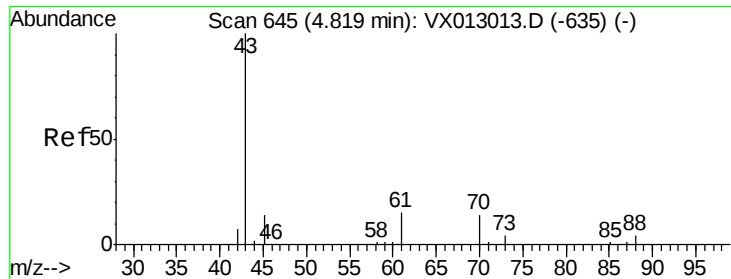
Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Tgt Ion:	75	Resp:	53704
Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.6	52.9
77	32.3	24.4	36.6





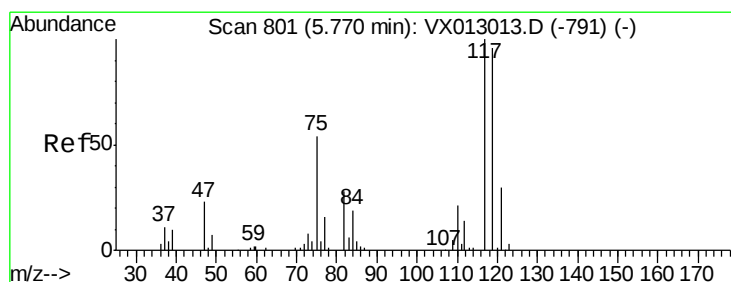
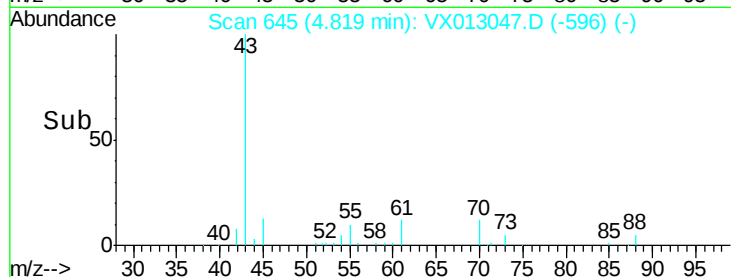
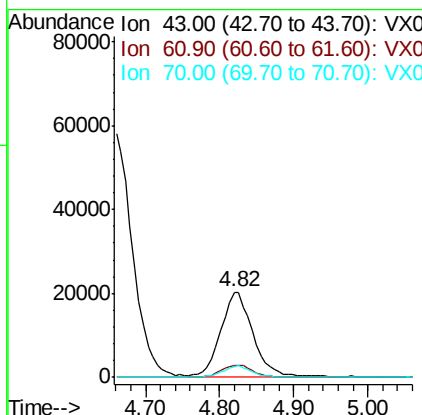
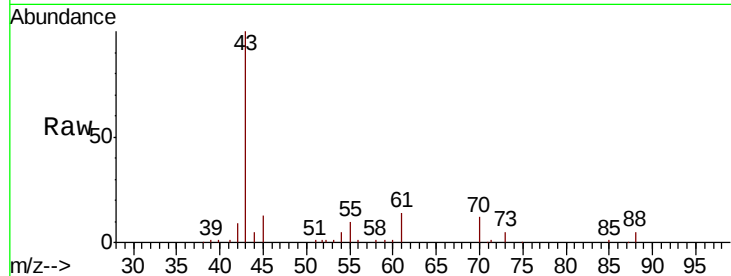
#37
Ethyl Acetate
Concen: 20.078 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.4	17.0
70	12.1	9.8	14.6

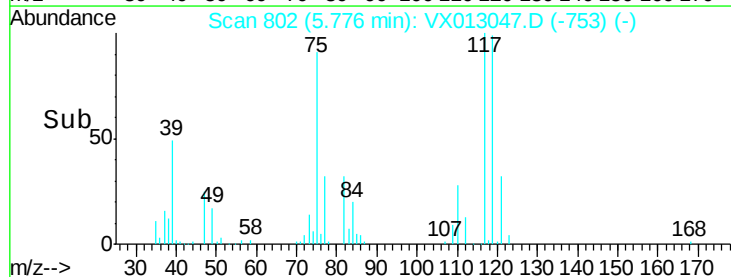
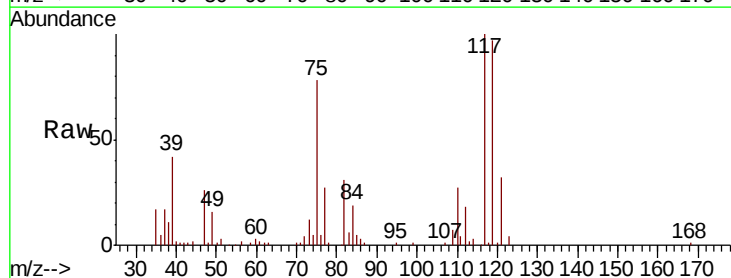
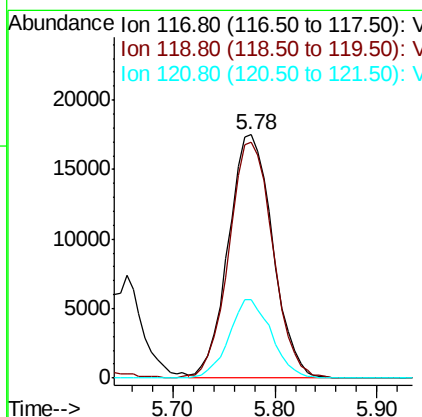
Manual Integrations
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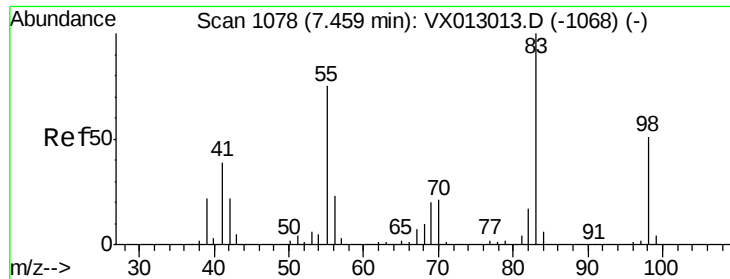
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#38
Carbon Tetrachloride
Concen: 20.225 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	74.5	111.7
121	32.4	24.2	36.4





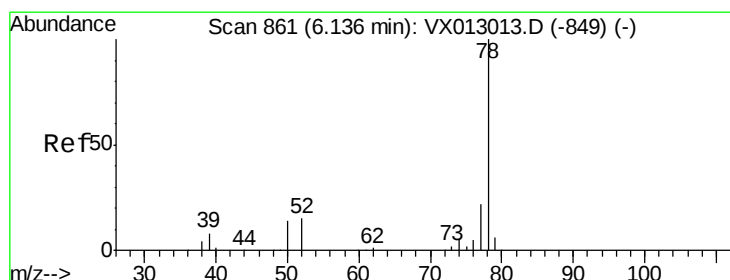
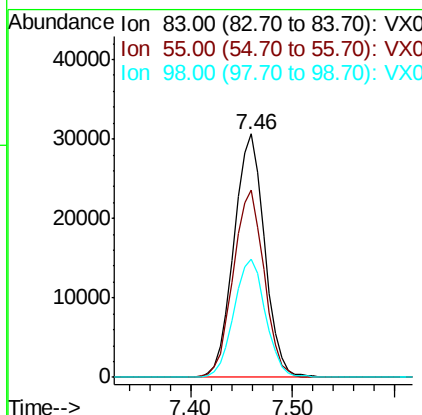
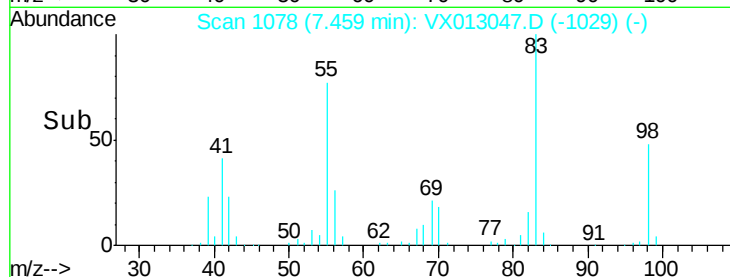
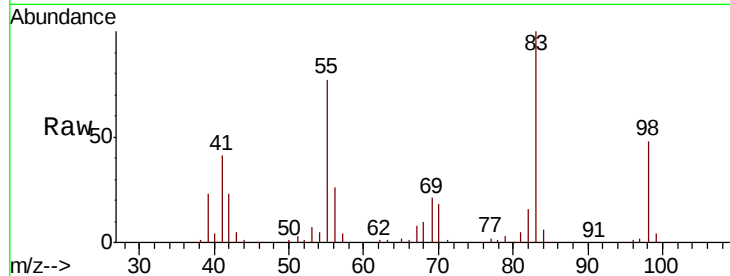
#39
Methvlcvclohexane
Concen: 19.686 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	60.2	90.4
98	48.4	38.5	57.7

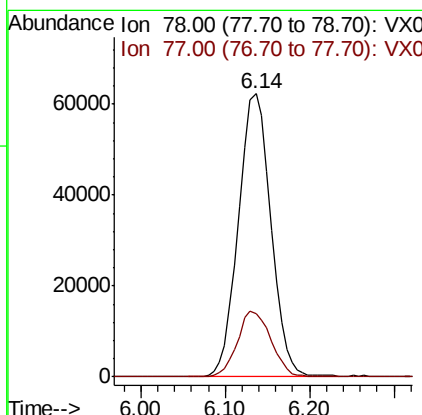
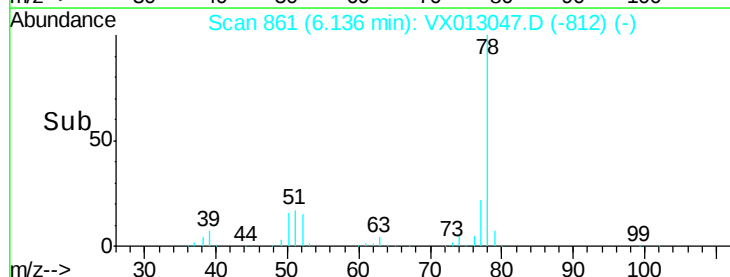
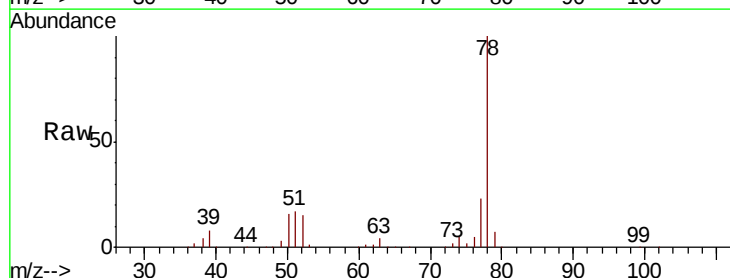
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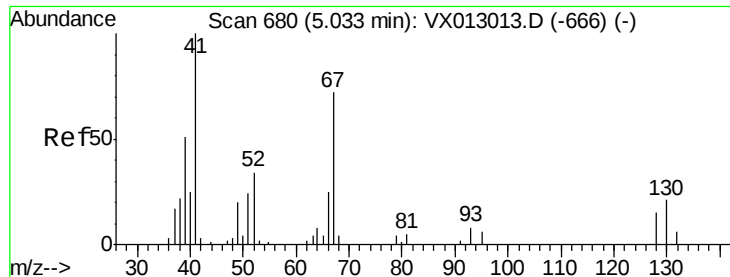
MMDadoda
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#40
Benzene
Concen: 20.600 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.0	28.4





#41

Methacrylonitrile

Concen: 20.255 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBS01

Tot Ion: 41 Resp: 33298

Ion Ratio Lower Upper

41 100

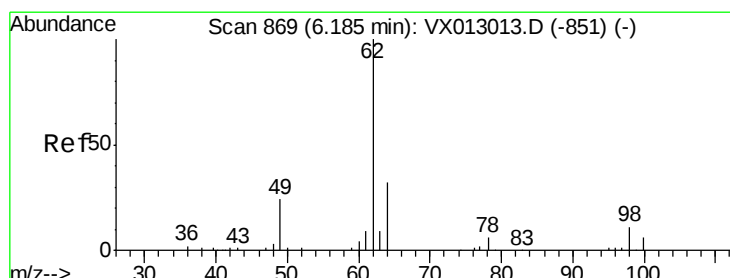
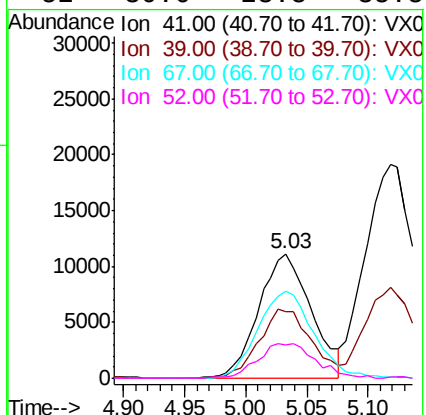
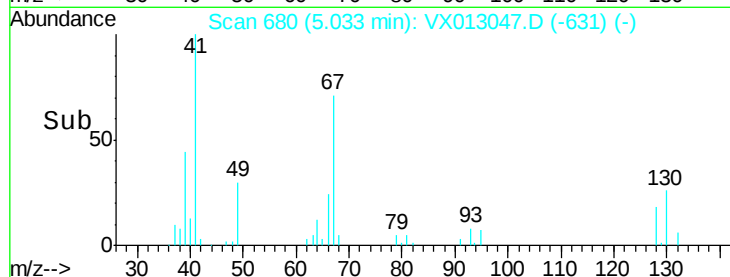
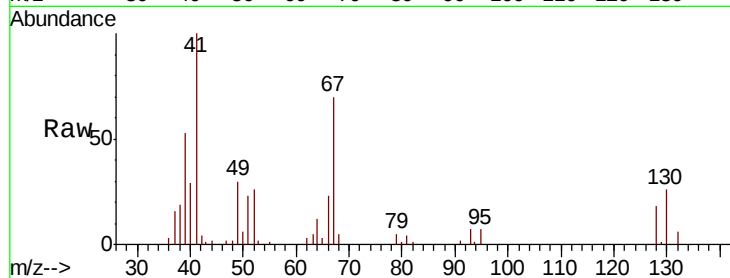
39 54.9 44.0 66.0

67 74.2 58.5 87.7

52 30.6 23.8 35.8

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.274 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX013047.D

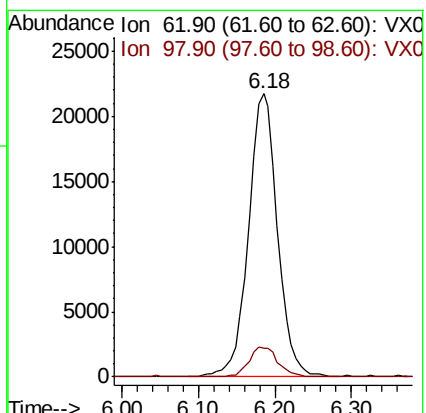
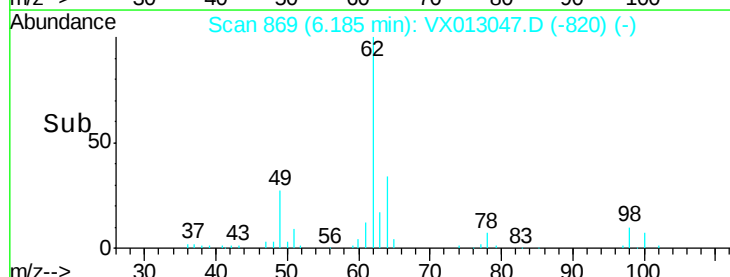
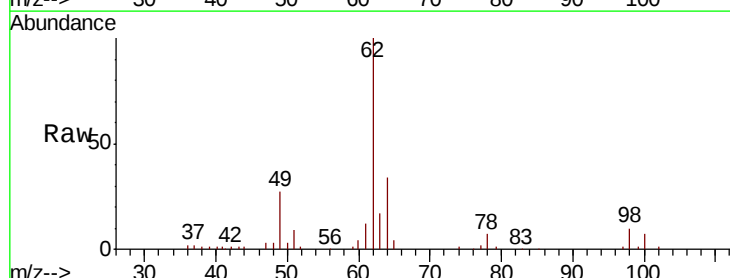
Acq: 14 Oct 2019 13:22

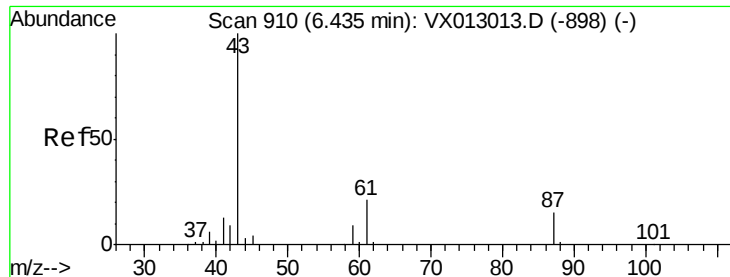
Tgt Ion: 62 Resp: 57487

Ion Ratio Lower Upper

62 100

98 10.5 0.0 20.4





#43

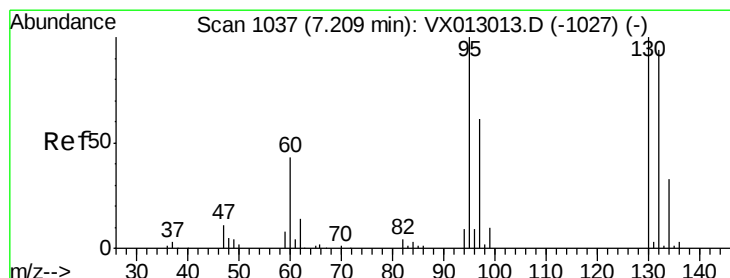
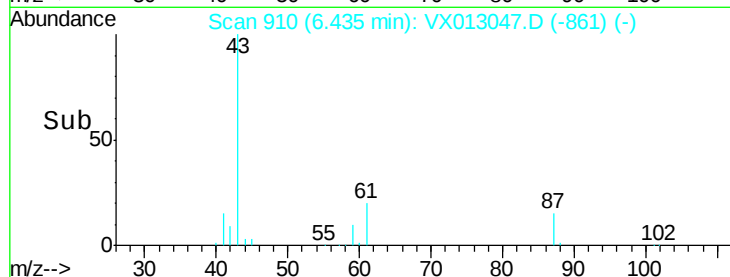
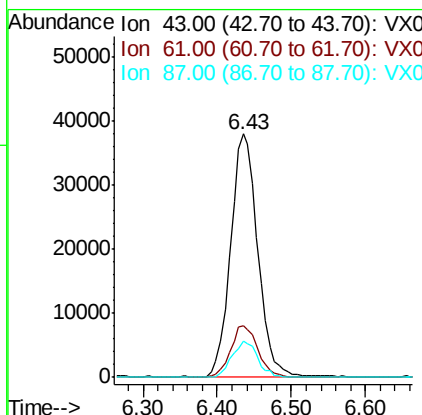
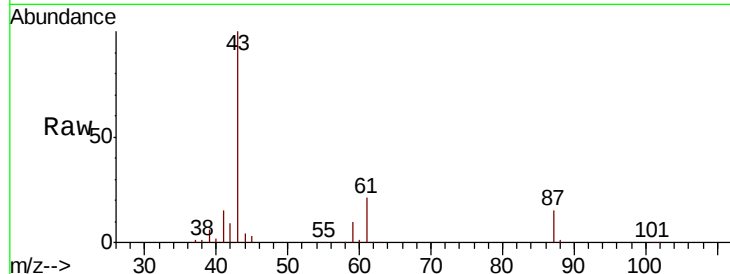
Isopropyl Acetate
 Concen: 20.252 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.6	24.8
87	14.2	11.0	16.6

Manual Integrations
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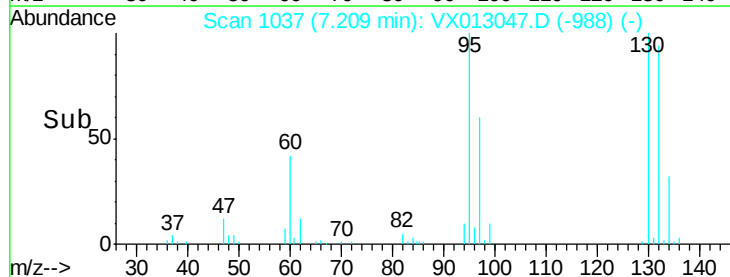
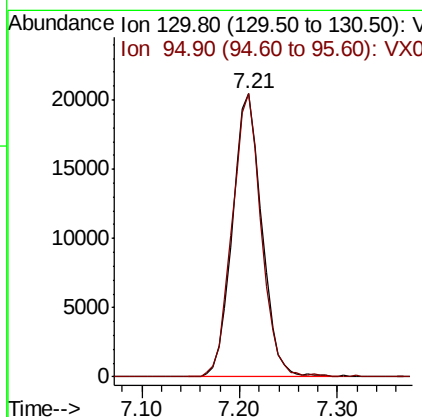
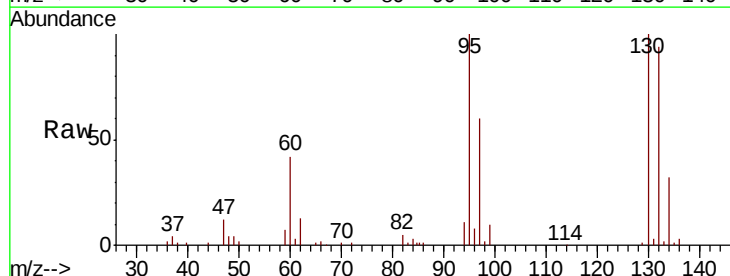
MMDadoda
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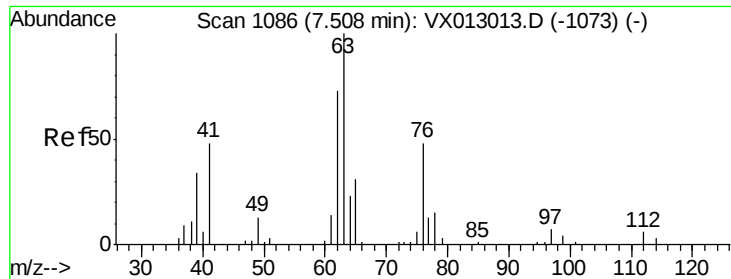


#44

Trichloroethene
 Concen: 19.451 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	189.2





#45

1,2-Dichloropropane

Concen: 20.771 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBS01

Tot Ion: 63 Resp: 41832

Ion Ratio Lower Upper

63 100

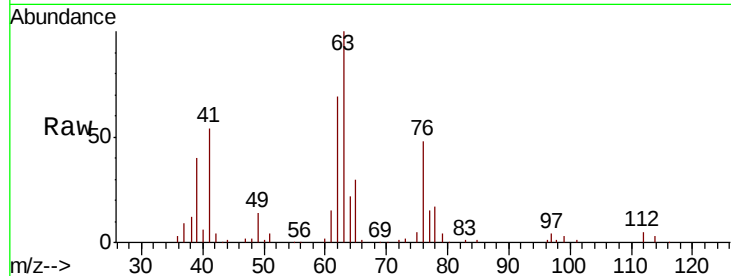
65 30.3 24.6 37.0

Manual Integrations

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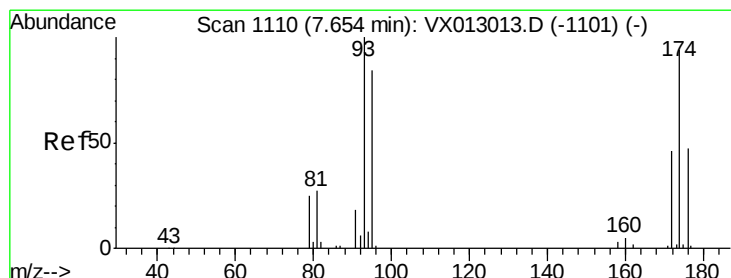
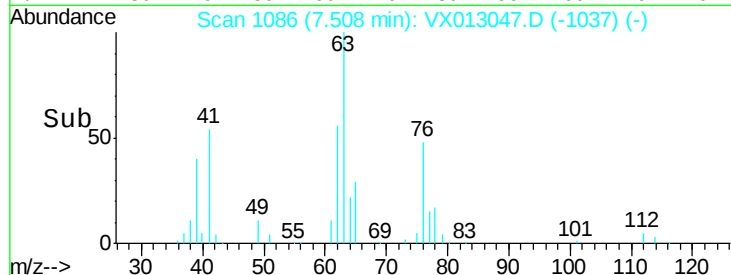
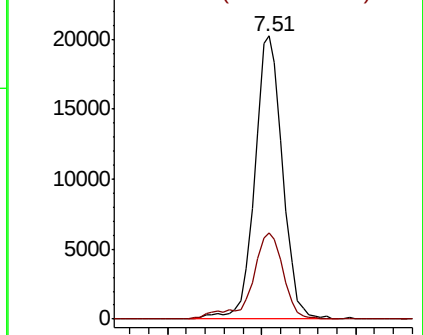
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.270 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

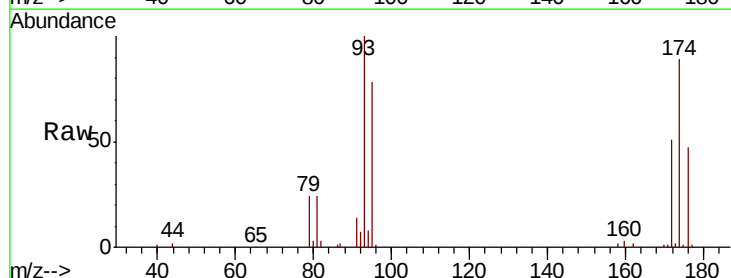
Tgt Ion: 93 Resp: 28541

Ion Ratio Lower Upper

93 100

95 81.3 66.3 99.5

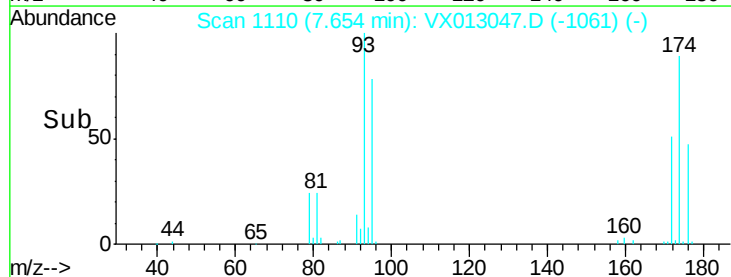
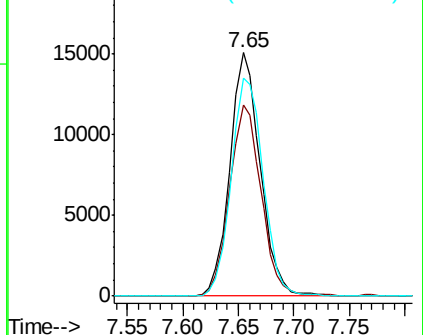
174 94.2 77.8 116.6

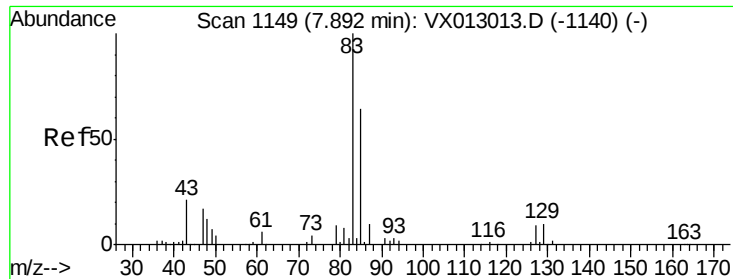


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





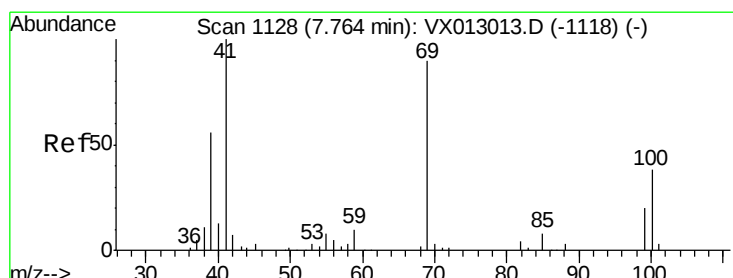
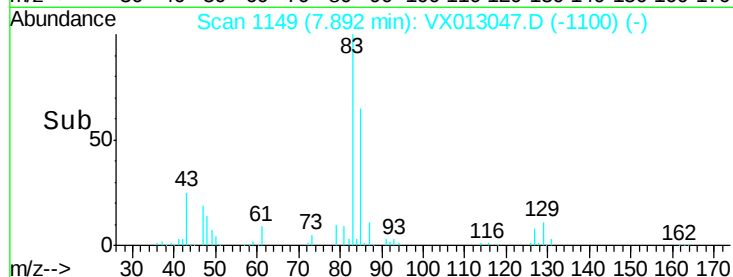
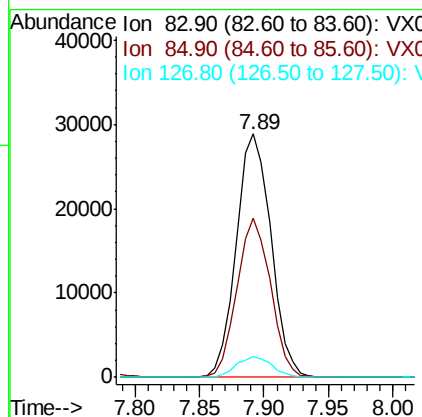
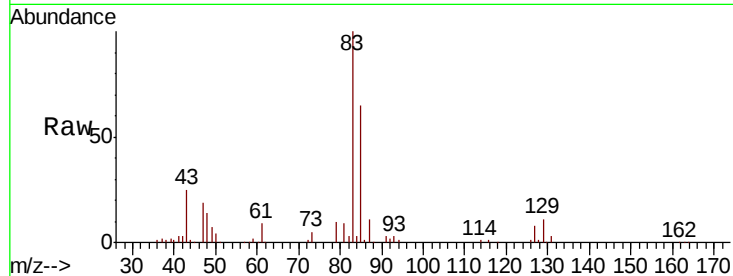
#47
Bromodichloromethane
Concen: 20.589 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Tot Ion	83	Resp	53914
Ion Ratio	100	Lower	Upper
83	100		
85	65.2	52.4	78.6
127	8.5	6.6	10.0

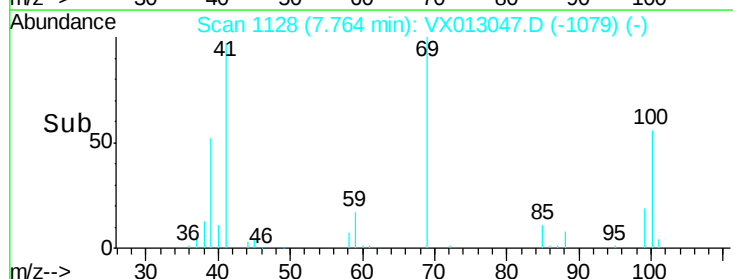
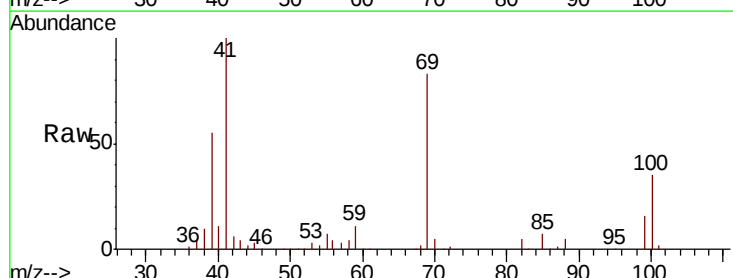
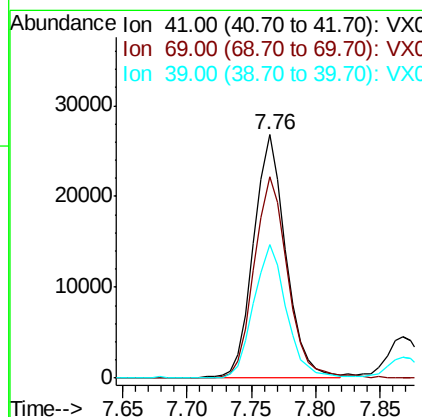
Manual Integrations
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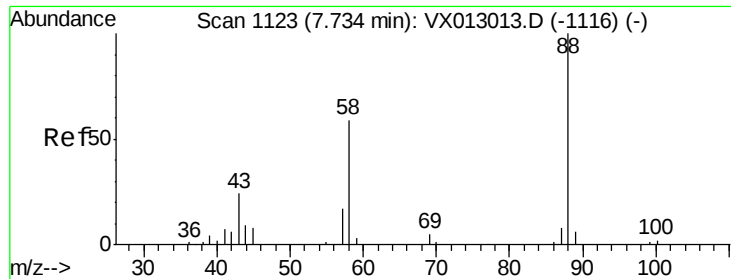
MMDadoda
10/21/2019 2:55:04 PM



#48
Methyl methacrylate
Concen: 19.883 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion	41	Resp	46527
Ion Ratio	100	Lower	Upper
41	100		
69	86.0	68.7	103.1
39	55.9	44.3	66.5





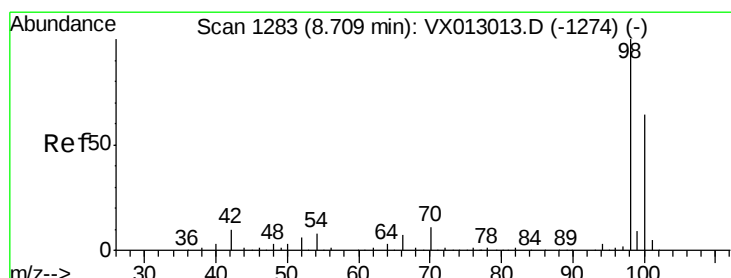
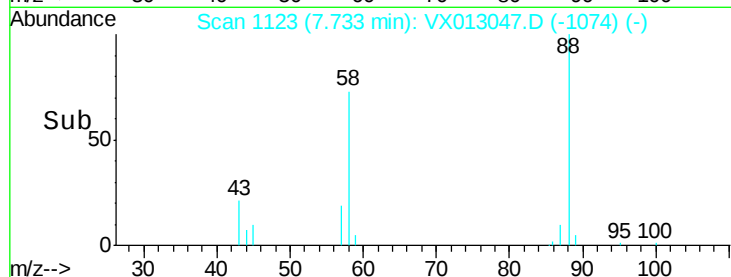
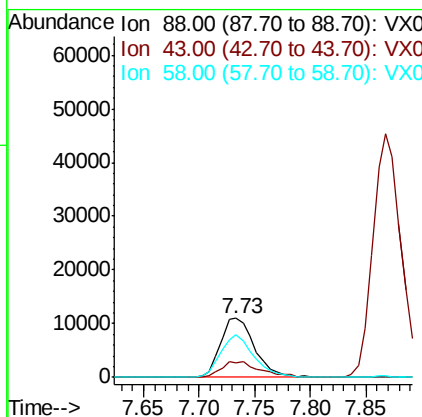
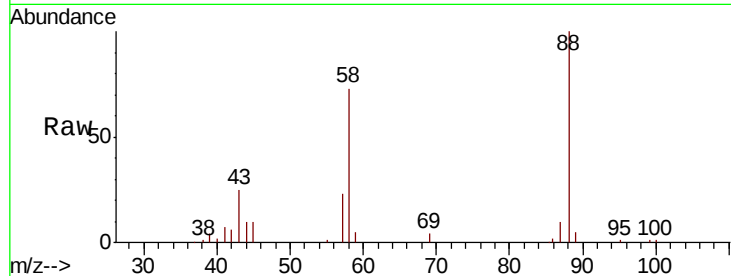
#49
1,4-Dioxane
Concen: 392.809 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.0	25.0	37.6
58	70.1	55.4	83.2

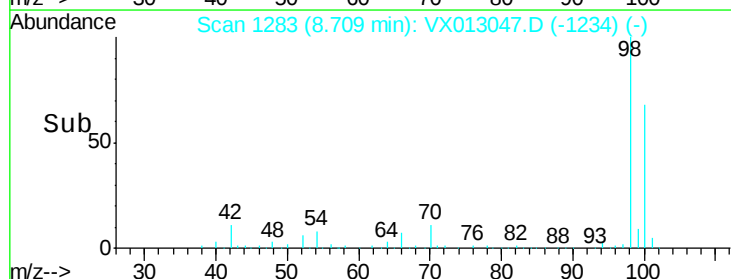
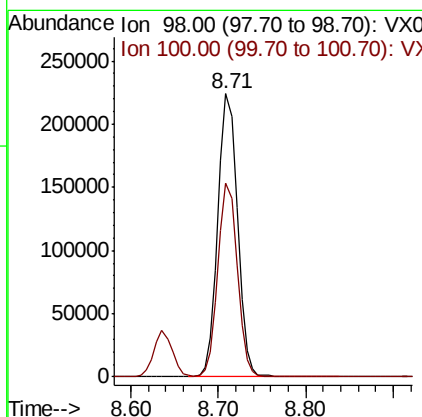
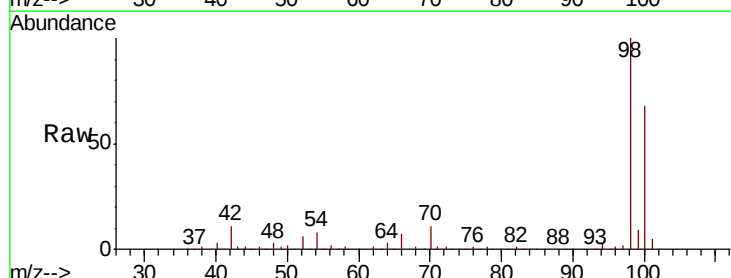
Manual Integrations
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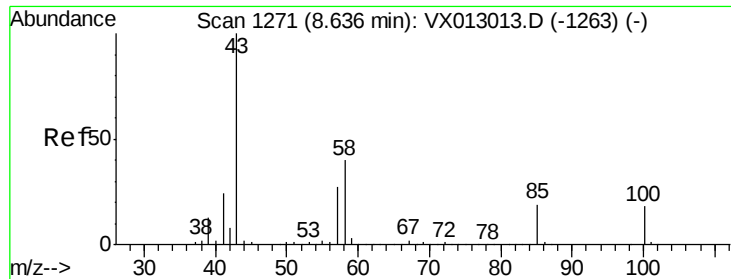
MMDadoda
10/21/2019 2:55:04 PM



#50
Toluene-d8
Concen: 51.412 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 102.361 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampled :

VX1014WBS01

Tot Ion: 43 Resp: 306452

Ion Ratio Lower Upper

43 100

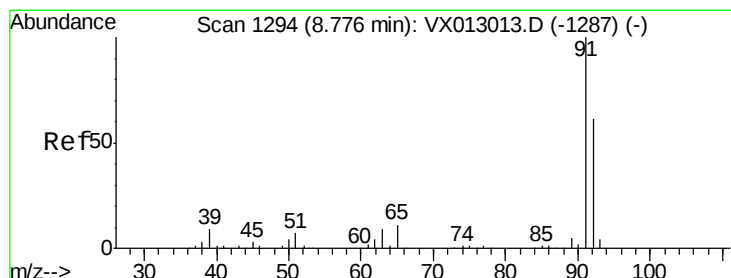
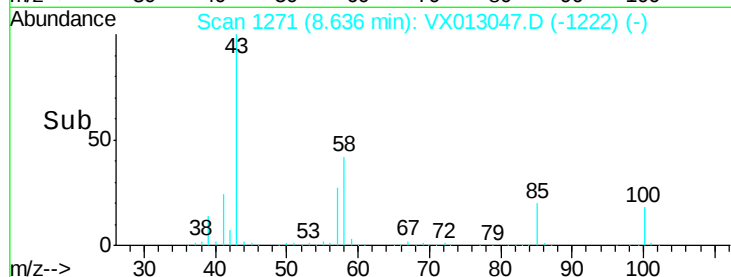
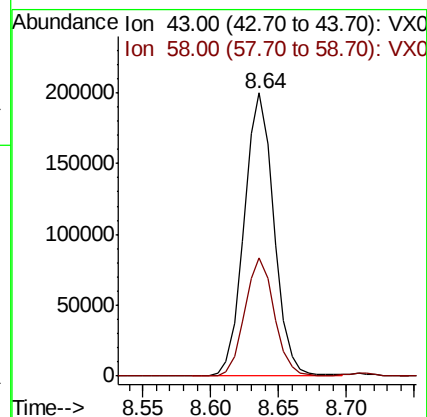
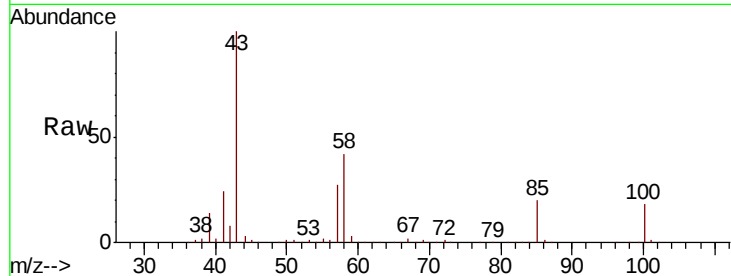
58 41.1 32.4 48.6

Manual Integrations

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MMDadoda

10/21/2019 2:55:04 PM



#52

Toluene

Concen: 20.701 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013047.D

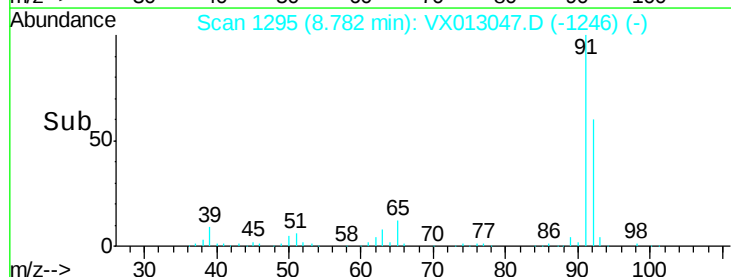
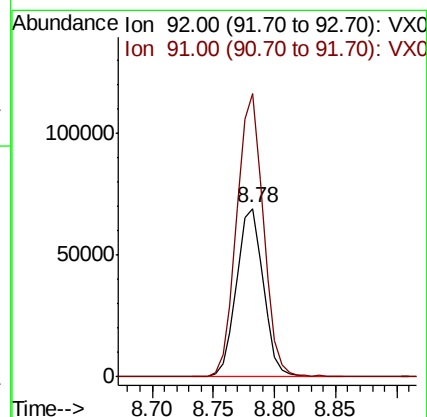
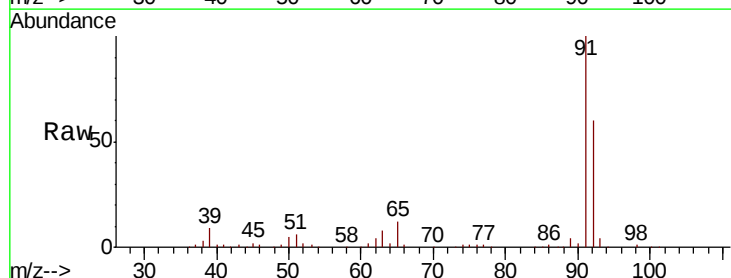
Acq: 14 Oct 2019 13:22

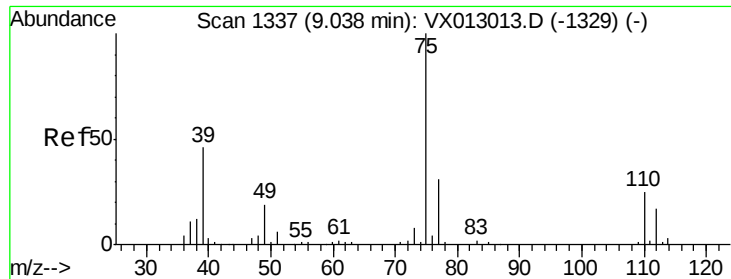
Tgt Ion: 92 Resp: 104652

Ion Ratio Lower Upper

92 100

91 167.1 135.9 203.9





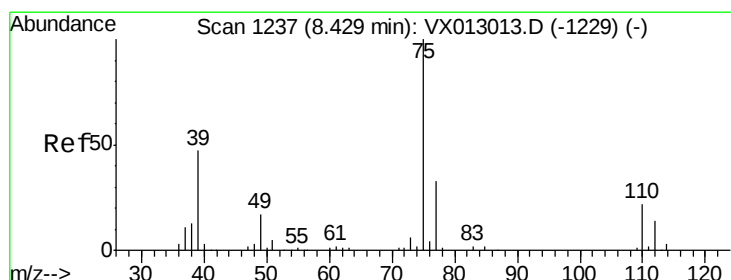
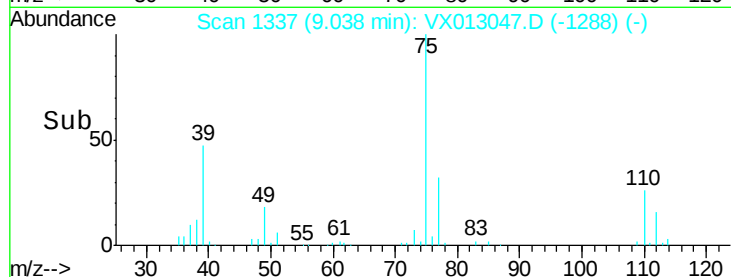
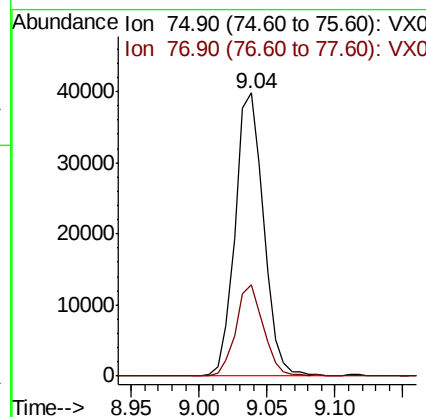
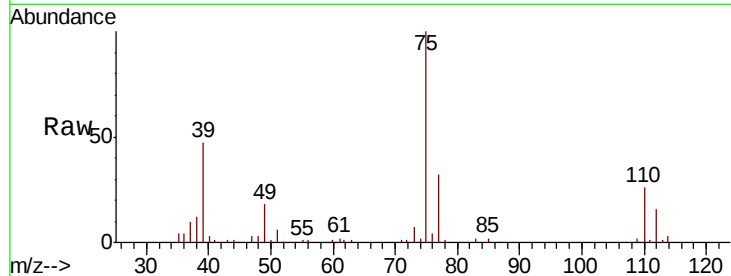
#53
t-1,3-Dichloropropene
Concen: 19.192 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Tot Ion: 75 Resp: 58154
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6

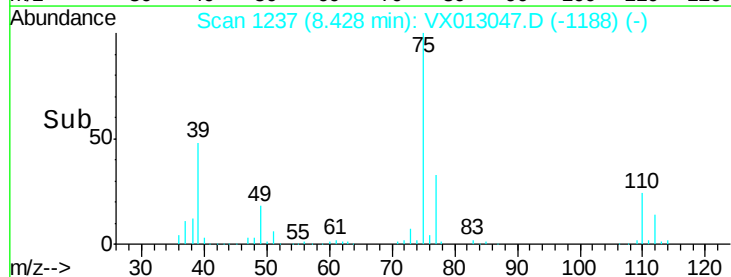
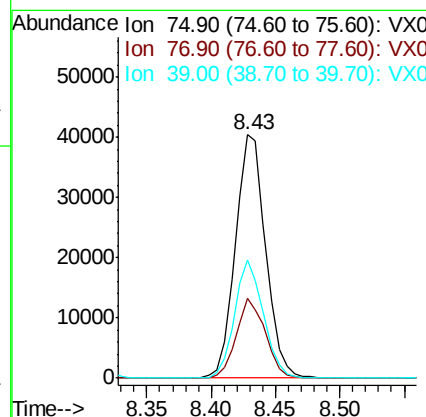
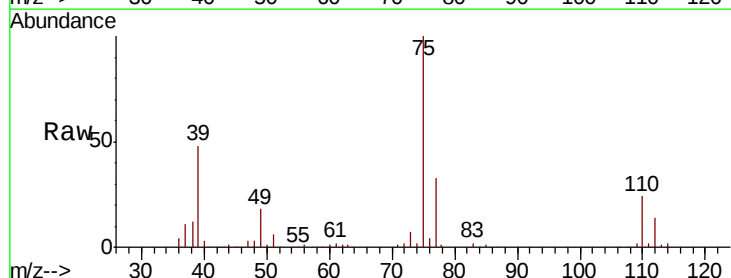
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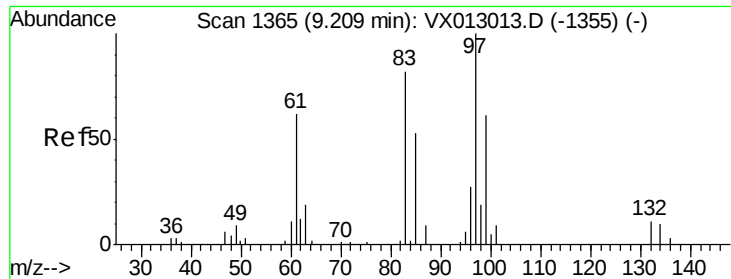
MMDadoda
10/21/2019 2:55:04 PM



#54
cis-1,3-Dichloropropene
Concen: 20.562 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion: 75 Resp: 66223
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.8
39 48.3 38.2 57.2





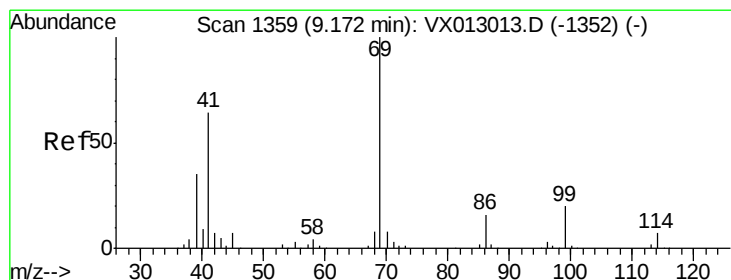
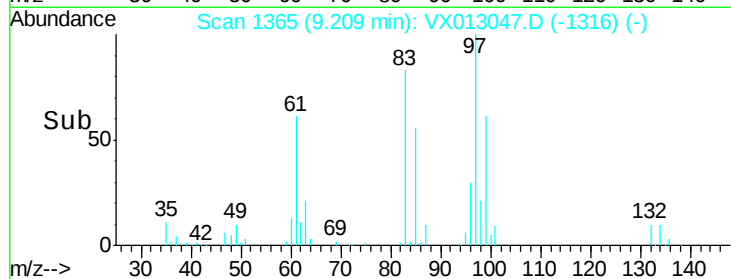
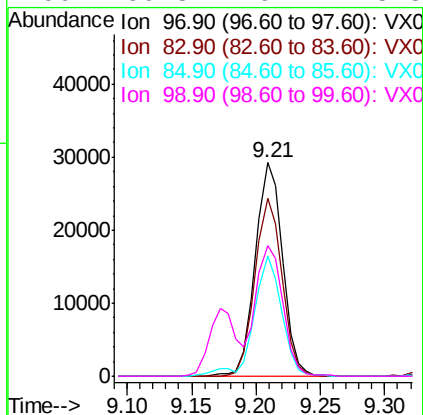
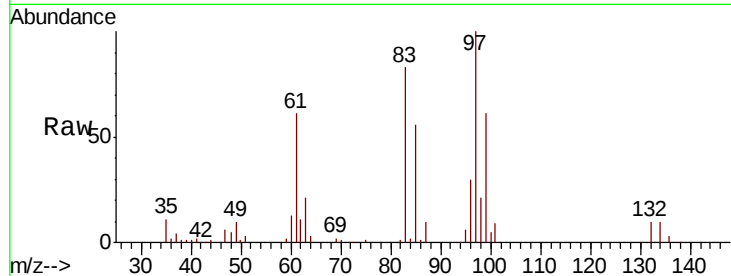
#55
 1,1,2-Trichloroethane
 Concen: 21.289 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBS01

Tot Ion:	97	Resp:	42592
Ion	Ratio	Lower	Upper
97	100		
83	83.5	66.5	99.7
85	56.2	43.1	64.7
99	60.8	49.2	73.8

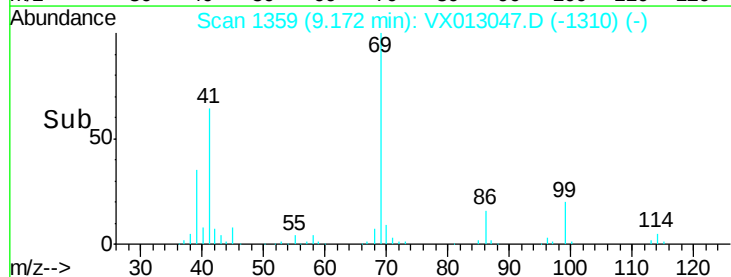
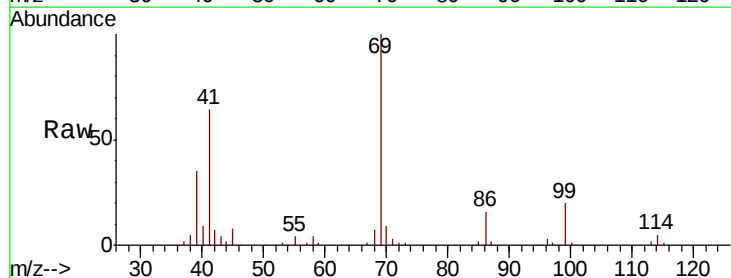
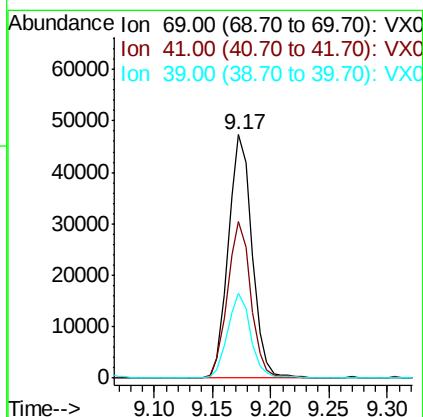
Manual Integrations
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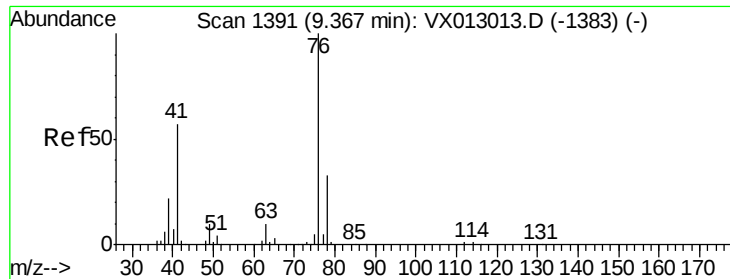
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 10/21/2019 2:55:04 PM



#56
 Ethyl methacrylate
 Concen: 19.922 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Tgt Ion:	69	Resp:	67274
Ion	Ratio	Lower	Upper
69	100		
41	63.9	52.1	78.1
39	34.1	27.8	41.8





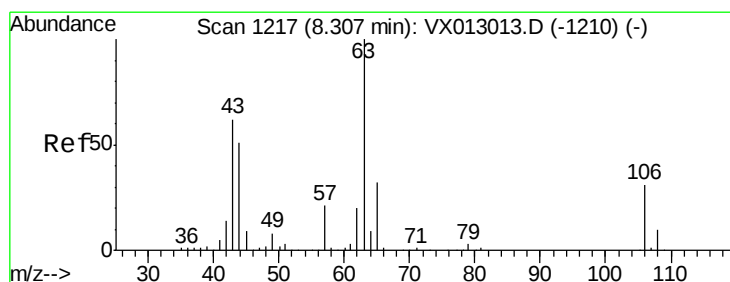
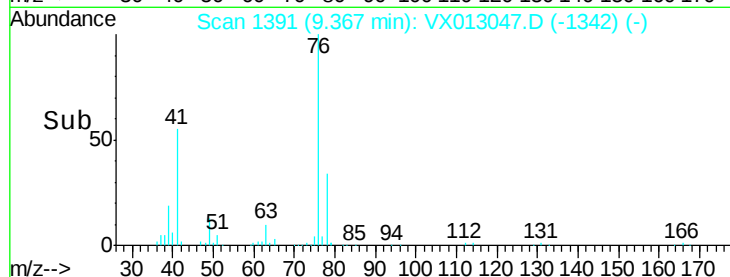
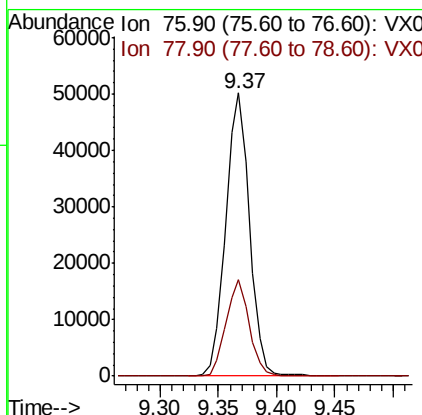
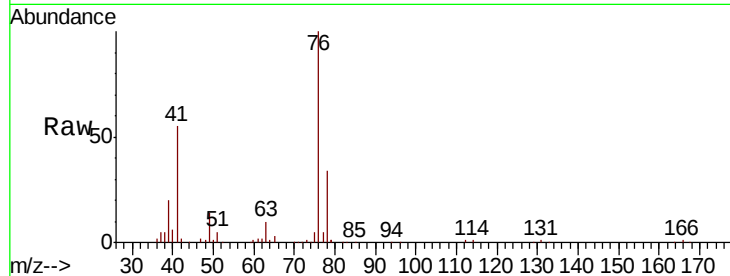
#57
 1,3-Dichloropropane
 Concen: 20.529 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBS01

Tot Ion: 76 Resp: 71045
 Ion Ratio Lower Upper
 76 100
 78 33.3 26.1 39.1

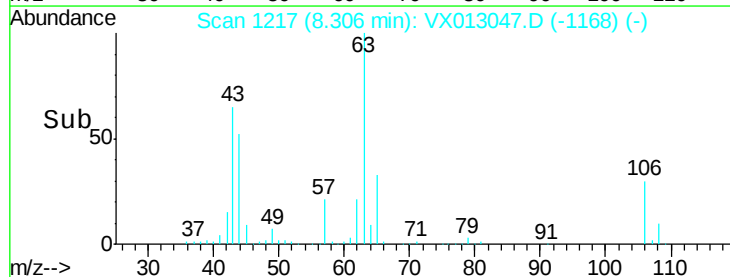
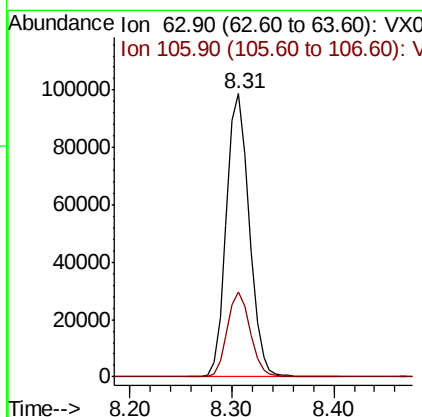
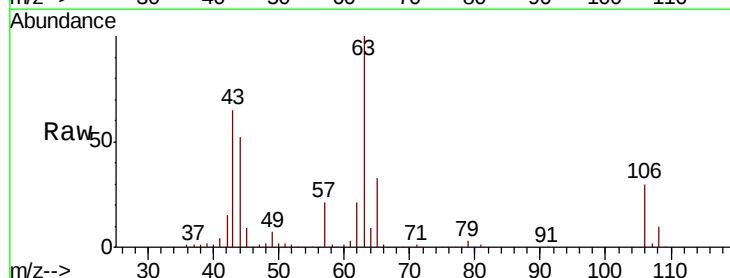
Manual Integrations
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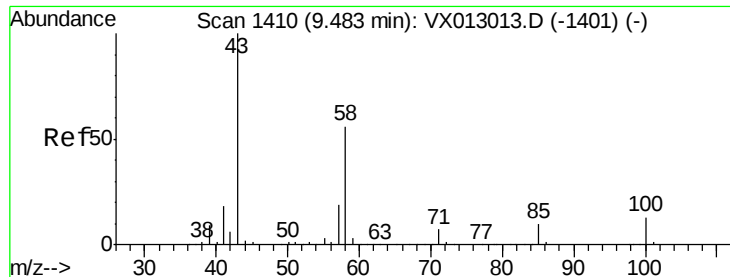
MMDadoda
 10/21/2019 2:55:04 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.070 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Tgt Ion: 63 Resp: 154424
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.8 35.8





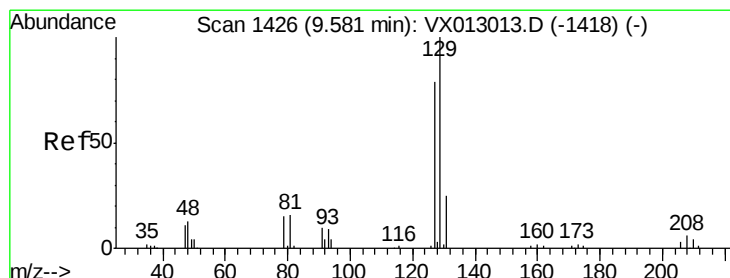
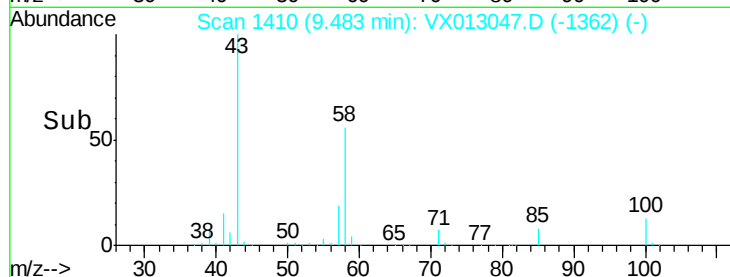
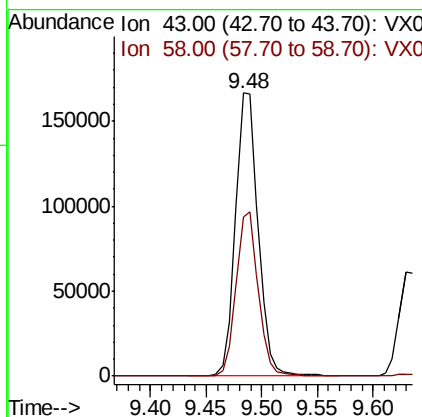
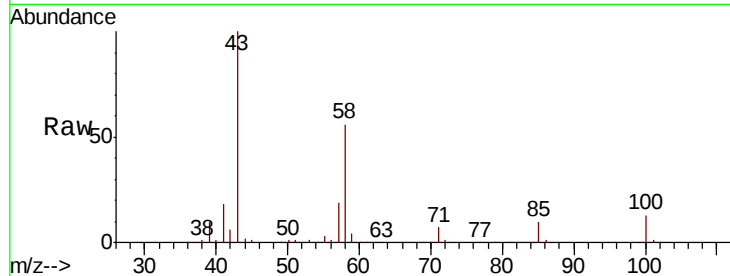
#59
2-Hexanone
Concen: 101.042 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.8	28.1	84.3

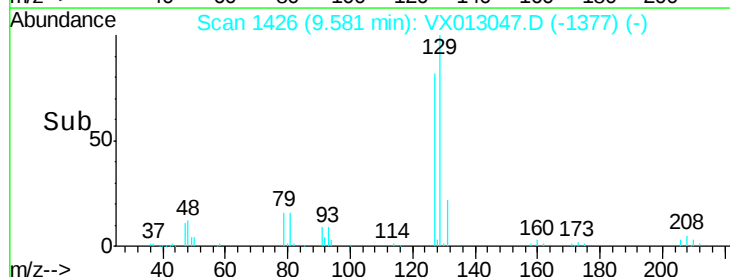
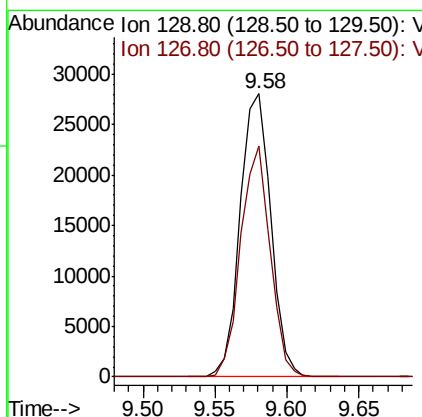
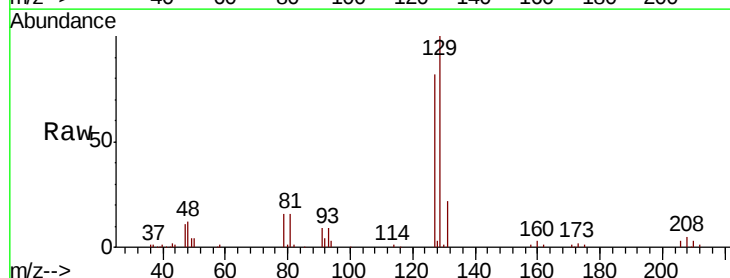
Manual Integrations
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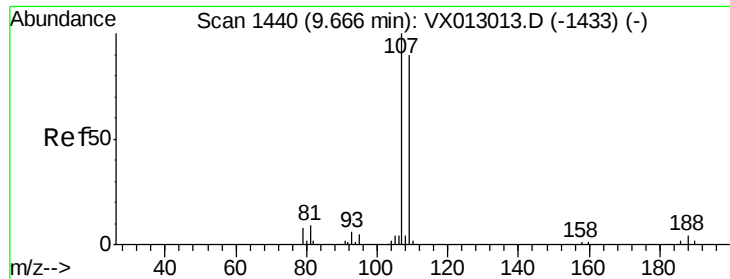
MMDadoda
10/21/2019 2:55:04 PM



#60
Dibromochloromethane
Concen: 19.788 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.9	116.7





#61

1,2-Dibromoethane

Concen: 20.627 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBS01

Tot Ion: 107 Resp: 43411

Ion Ratio Lower Upper

107 100

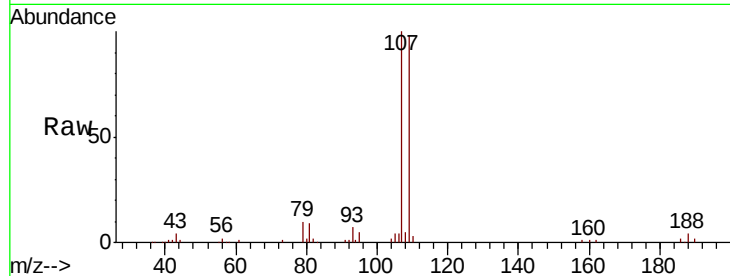
109 94.6 75.8 113.6

Manual Integrations

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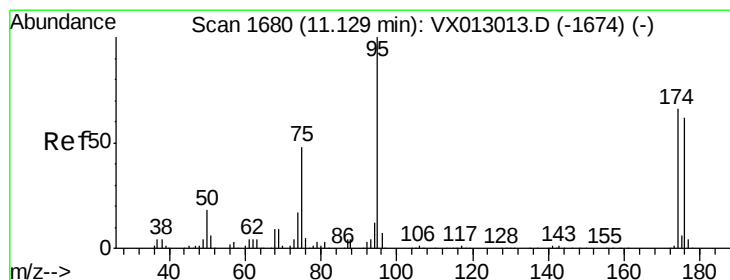
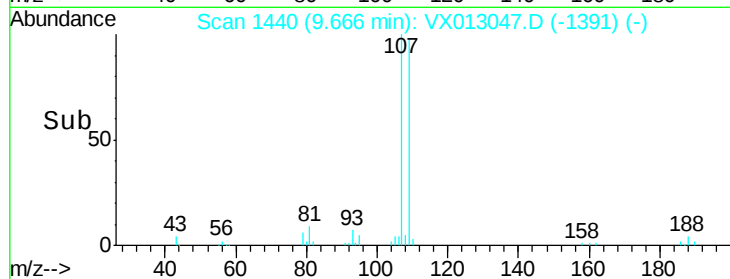
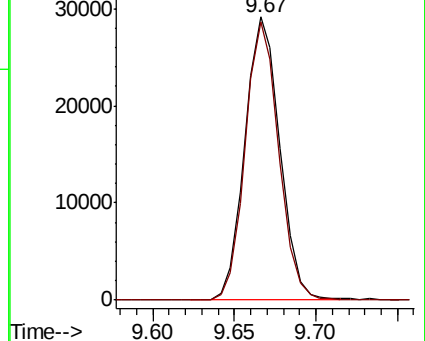
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.656 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

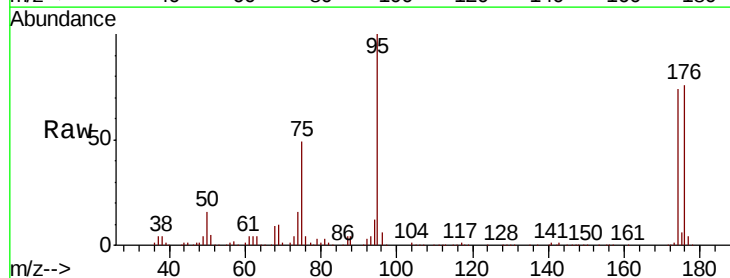
Tgt Ion: 95 Resp: 128787

Ion Ratio Lower Upper

95 100

174 75.1 0.0 143.4

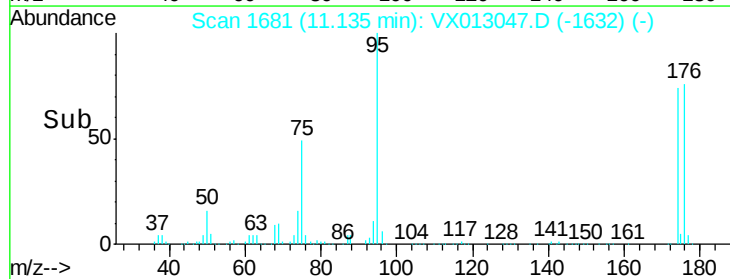
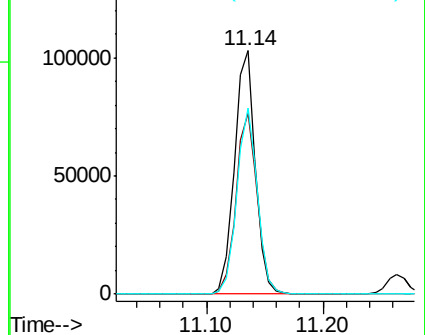
176 75.0 0.0 136.0

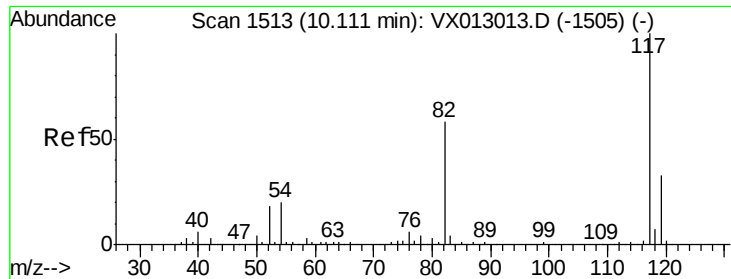


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

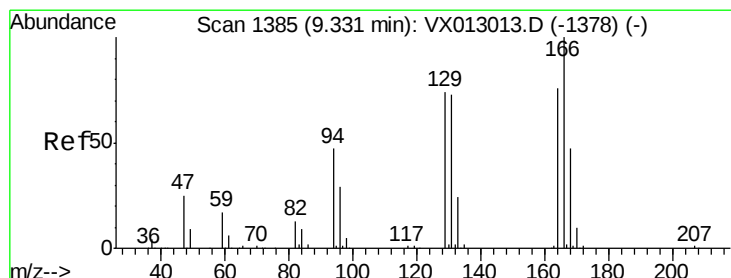
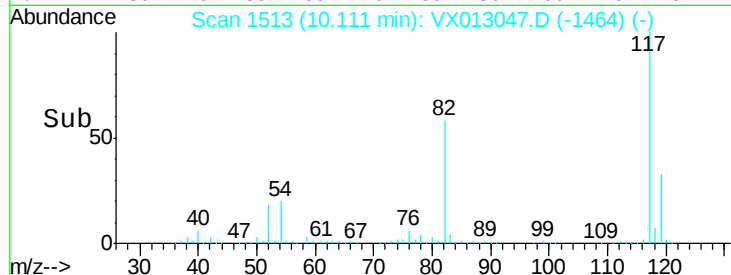
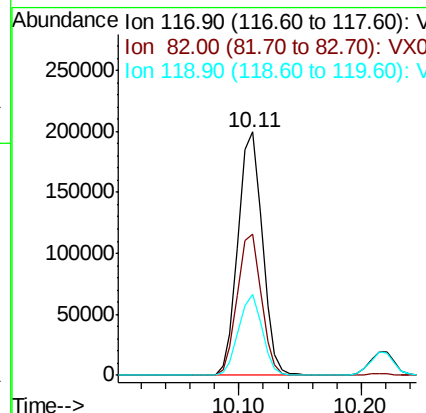
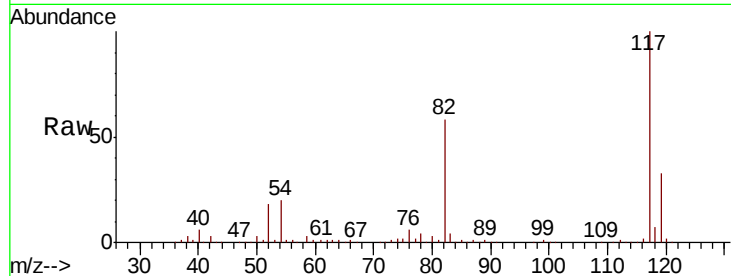
ClientSampleId :

VX1014WBS01

Tot Ion:	117	Resp:	274406
Ion Ratio	Lower	Upper	
117	100		
82	58.0	44.1	66.1
119	33.5	25.8	38.8

Manual Integrations
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#64

Tetrachloroethene

Concen: 21.046 ug/l

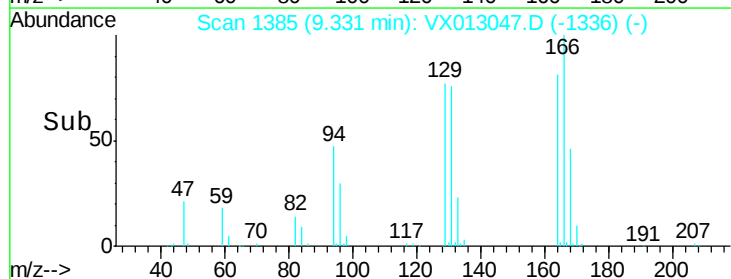
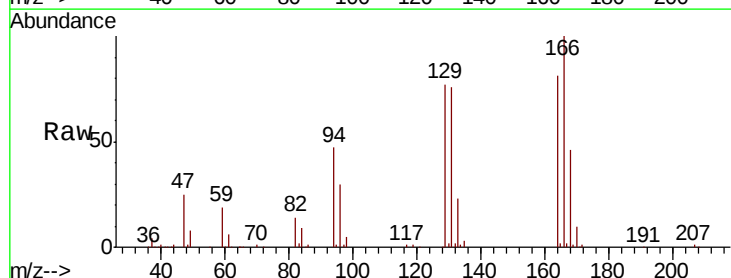
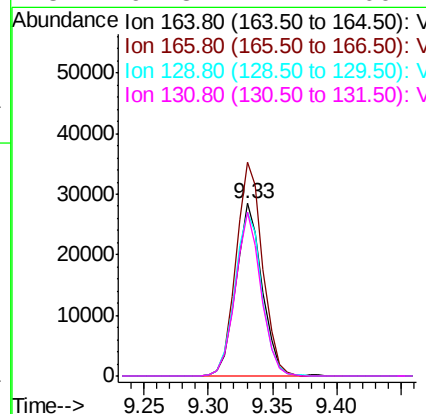
RT: 9.33 min Scan# 1385

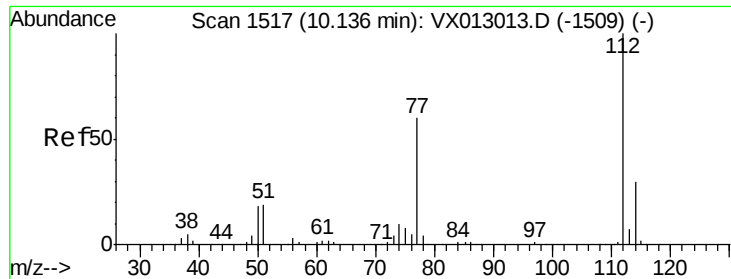
Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Tgt Ion:	164	Resp:	40056
Ion Ratio	Lower	Upper	
164	100		
166	124.0	96.9	145.3
129	95.0	77.9	116.9
131	94.8	72.7	109.1





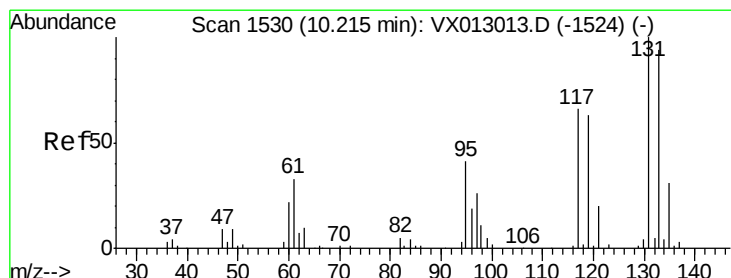
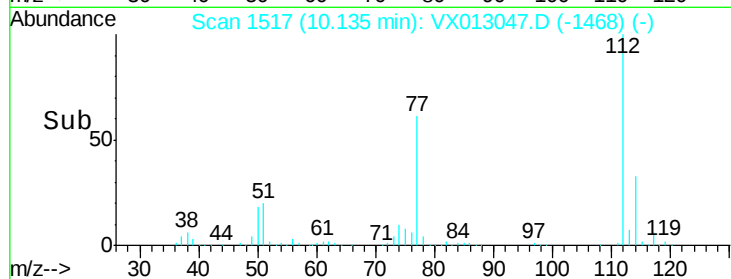
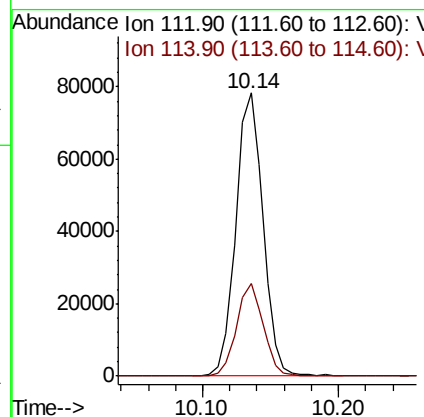
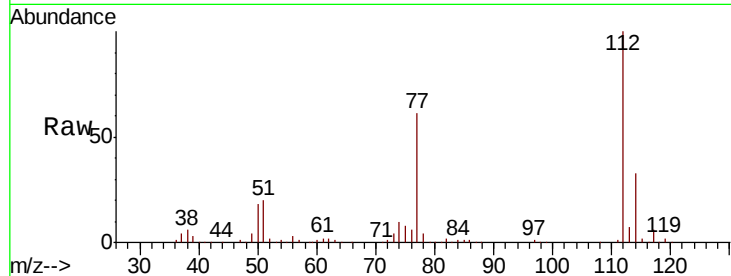
#65
Chlorobenzene
Concen: 19.936 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Tot Ion:112 Resp: 108636
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

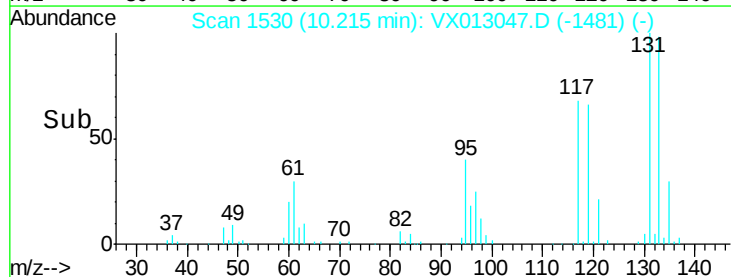
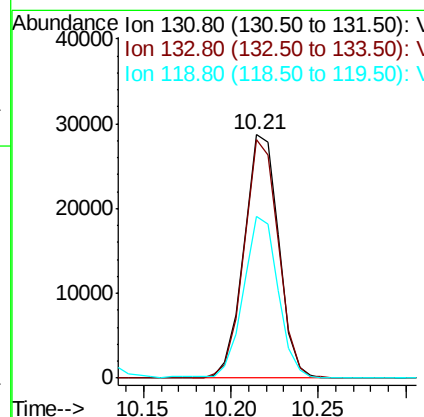
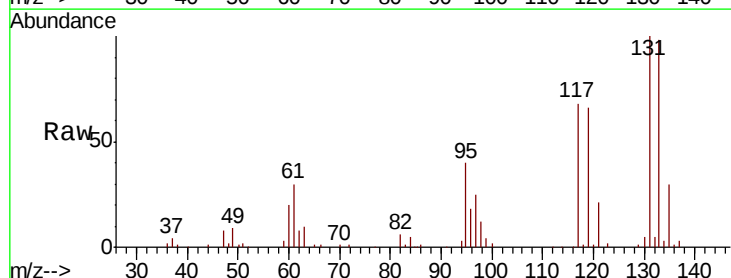
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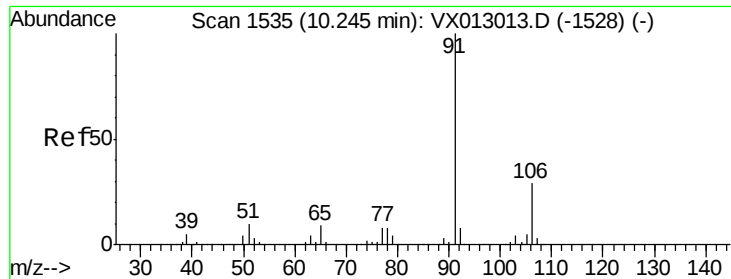
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.906 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion:131 Resp: 39499
Ion Ratio Lower Upper
131 100
133 96.6 47.2 141.6
119 66.1 32.6 98.0





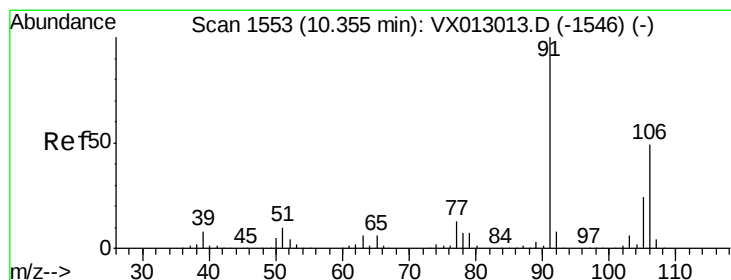
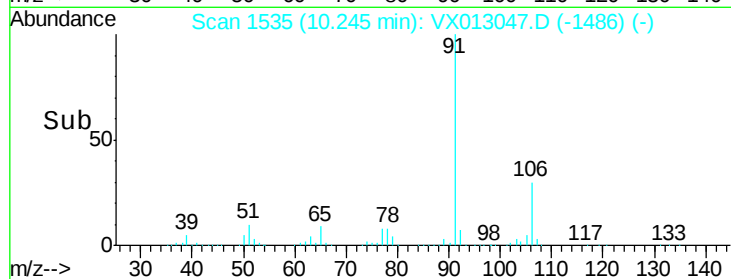
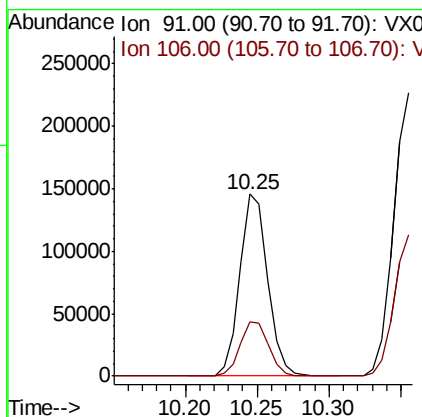
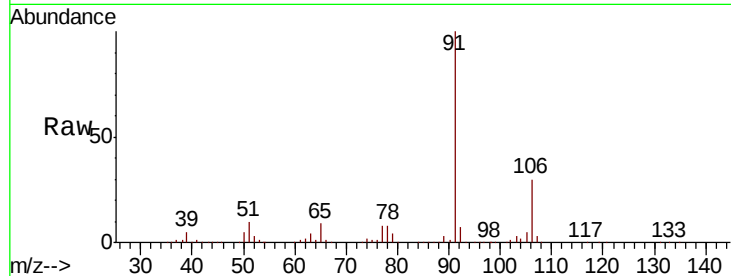
#67
Ethyl Benzene
Concen: 20.215 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Tot Ion: 91 Resp: 195671
Ion Ratio Lower Upper
91 100
106 30.0 23.9 35.9

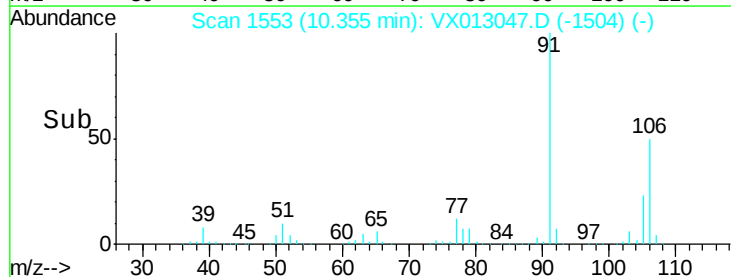
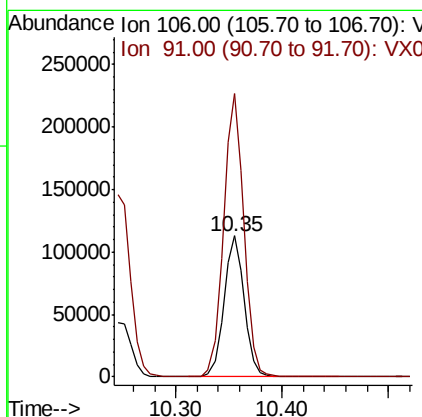
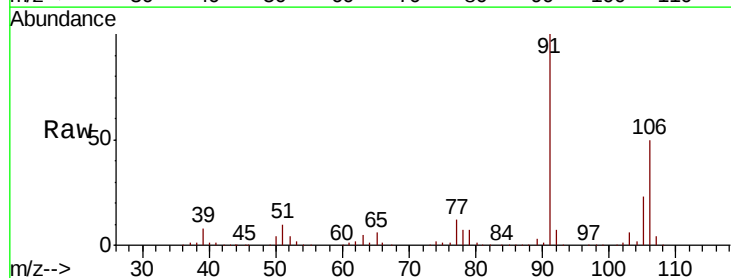
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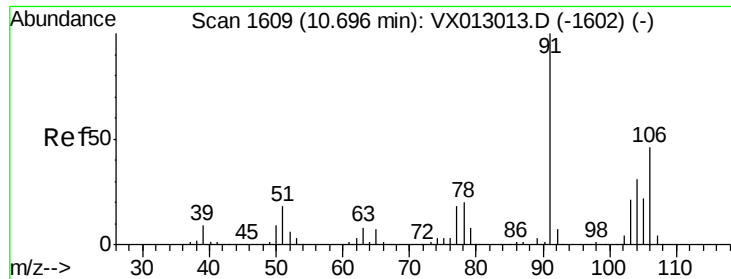
MMDadoda
10/21/2019 2:55:04 PM



#68
m/p-Xylenes
Concen: 41.287 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion: 106 Resp: 149298
Ion Ratio Lower Upper
106 100
91 201.4 165.3 247.9





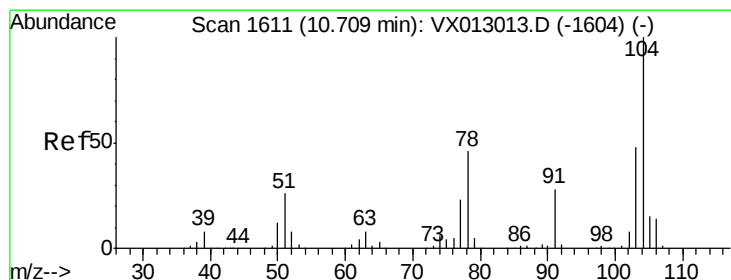
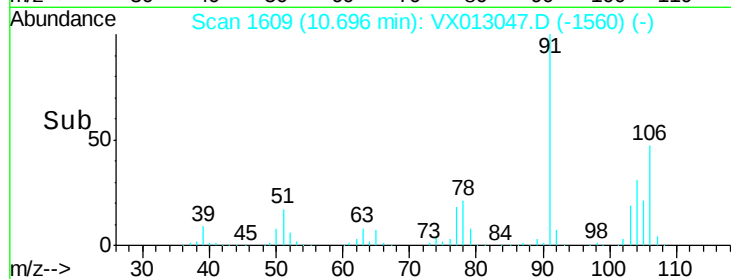
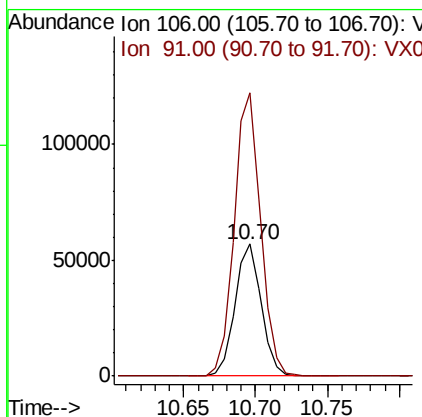
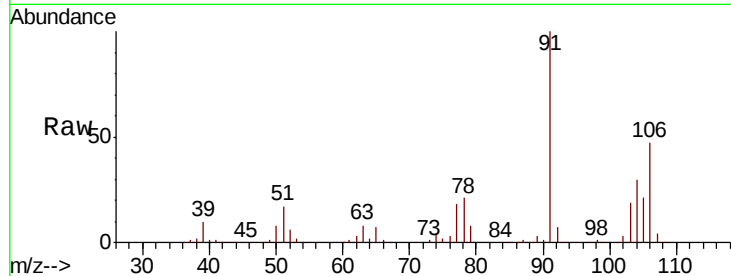
#69
o-Xylene
Concen: 20.567 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Tot Ion:106 Resp: 72527
Ion Ratio Lower Upper
106 100
91 216.0 109.1 327.3

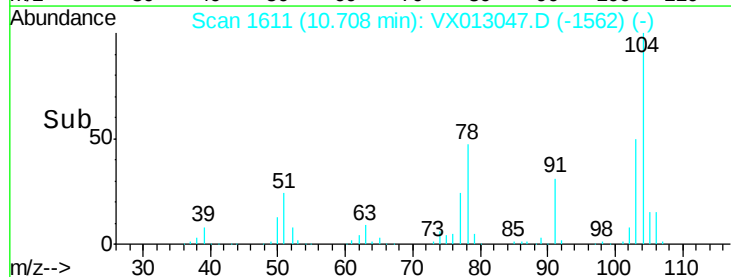
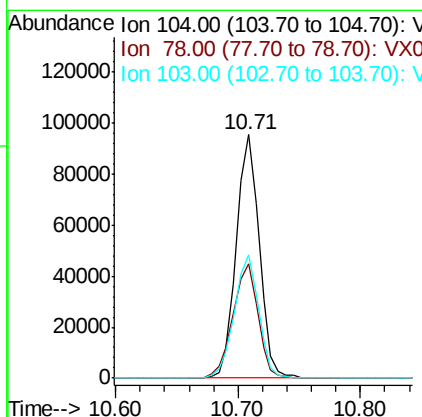
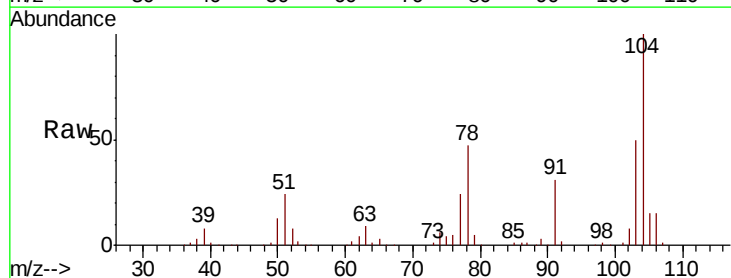
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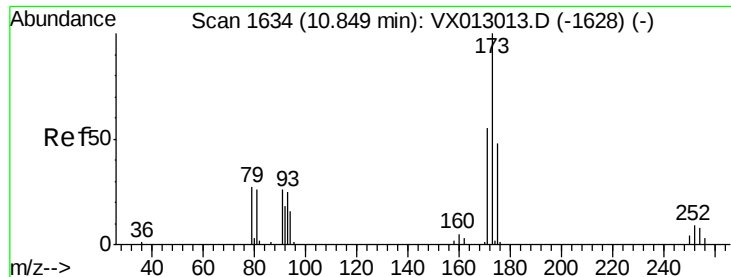
MMDadoda
10/21/2019 2:55:04 PM



#70
Styrene
Concen: 20.641 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion:104 Resp: 123741
Ion Ratio Lower Upper
104 100
78 51.5 41.2 61.8
103 53.8 43.0 64.4





#71

Bromoform

Concen: 18.974 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBS01

Tot Ion:173 Resp: 27202

Ion Ratio Lower Upper

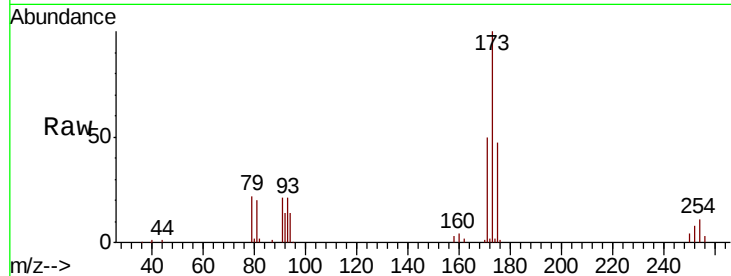
173 100

175 47.8 24.1 72.3

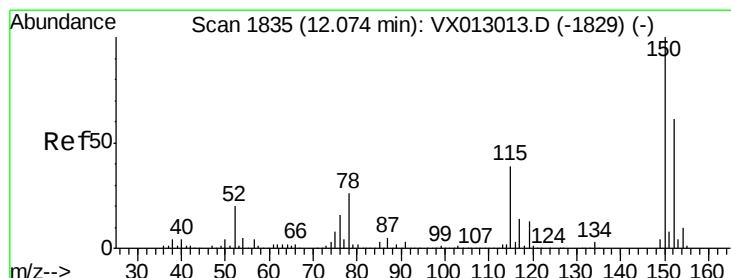
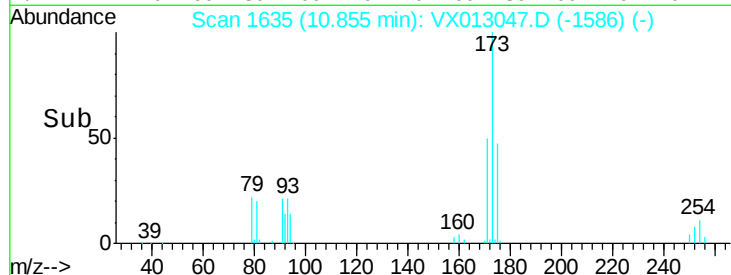
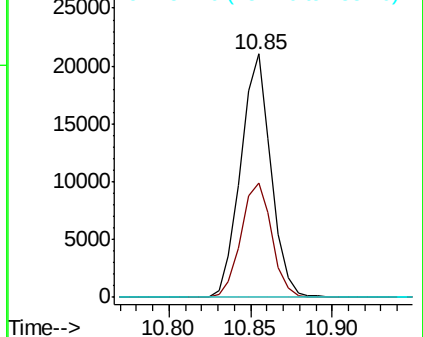
254 0.1 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

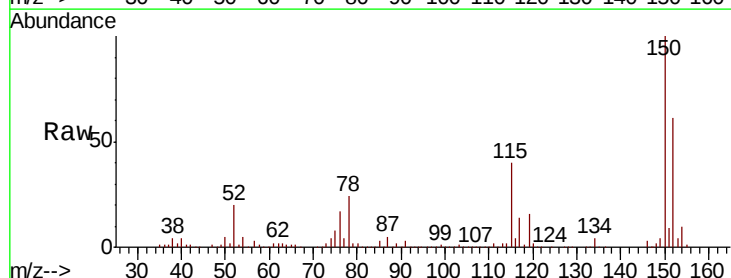
Tgt Ion:152 Resp: 126615

Ion Ratio Lower Upper

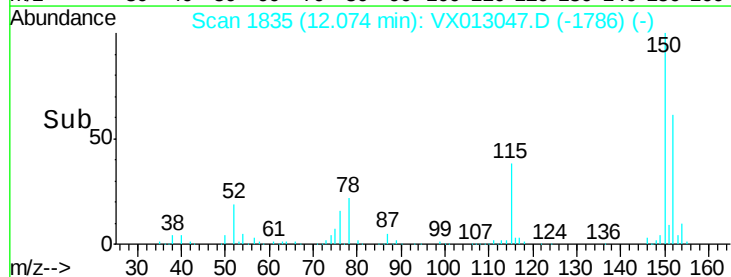
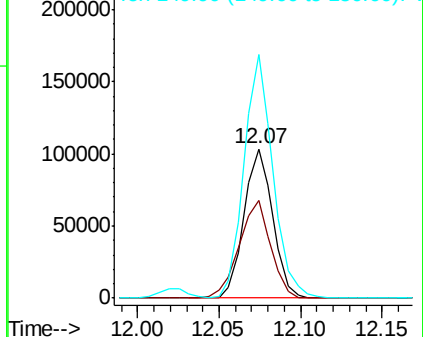
152 100

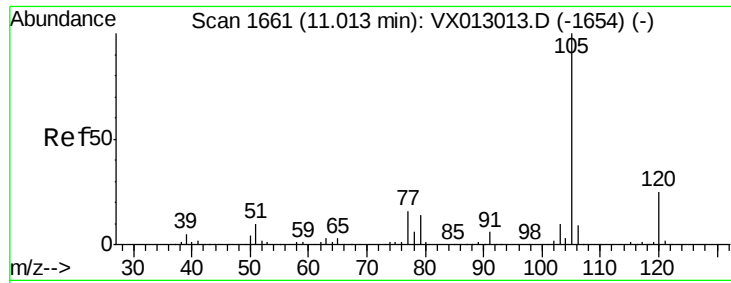
115 72.0 44.5 133.5

150 165.5 0.0 353.4



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





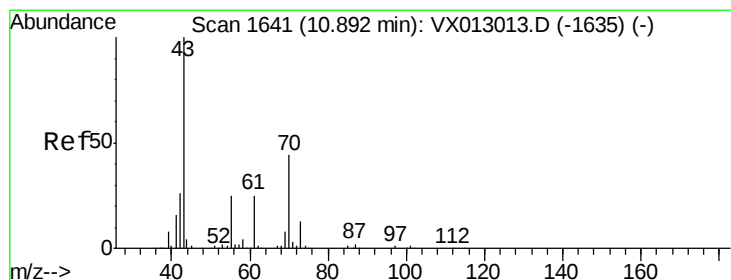
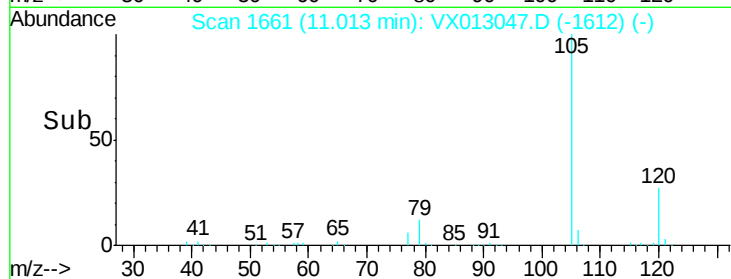
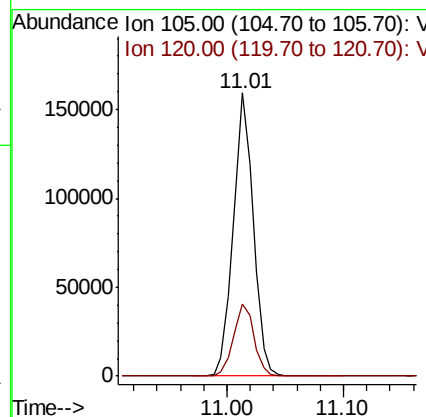
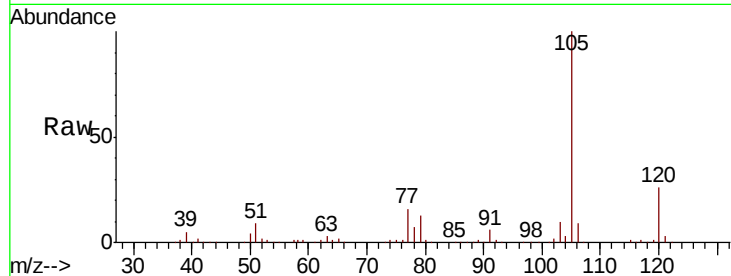
#73
Isopropylbenzene
Concen: 20.482 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Tot Ion:105 Resp: 190666
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0

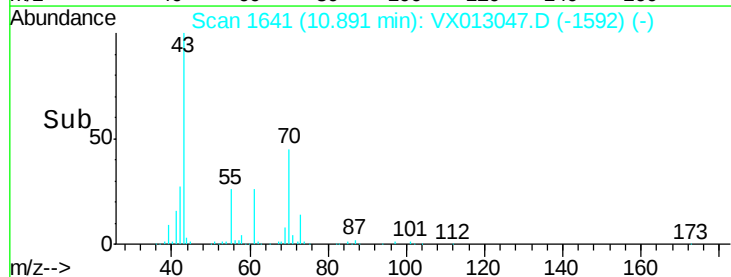
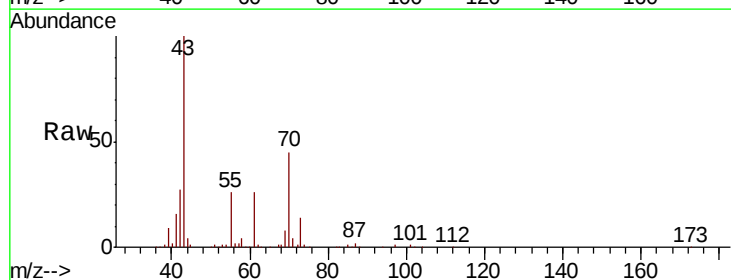
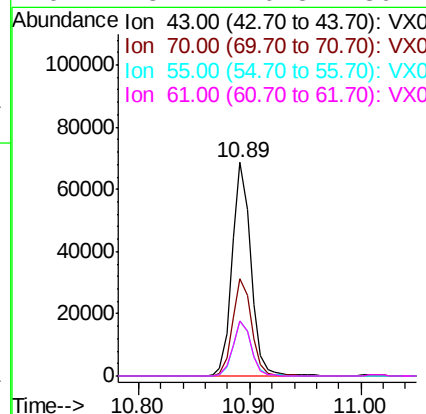
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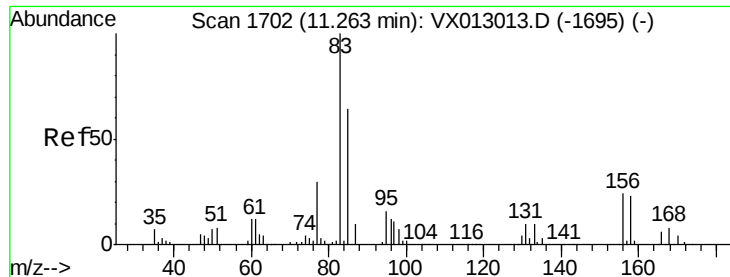
MMDadoda
10/21/2019 2:55:04 PM



#74
N-ethyl acetate
Concen: 19.902 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion: 43 Resp: 79790
Ion Ratio Lower Upper
43 100
70 46.6 36.4 54.6
55 25.4 20.2 30.2
61 25.4 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.097 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

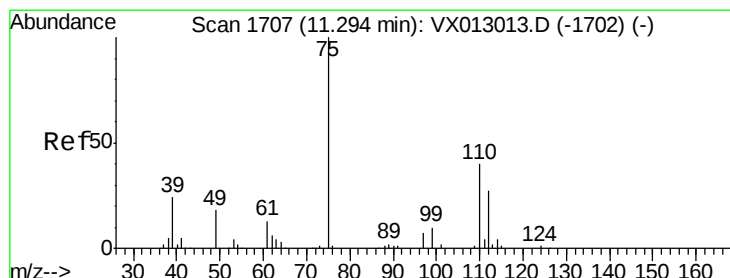
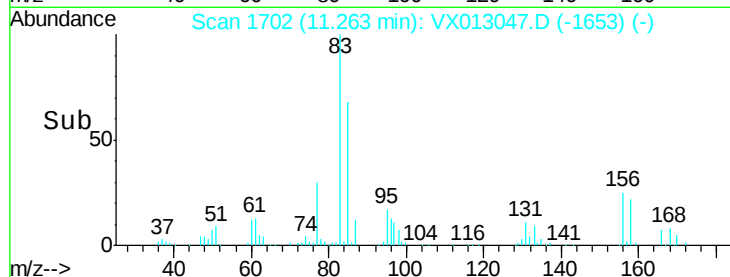
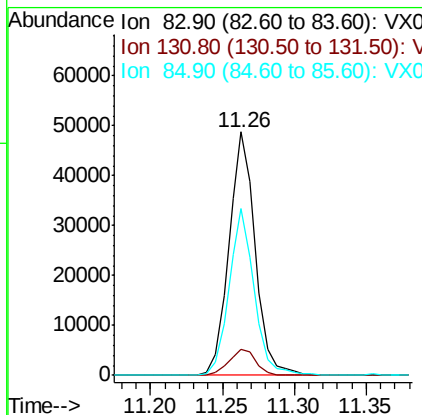
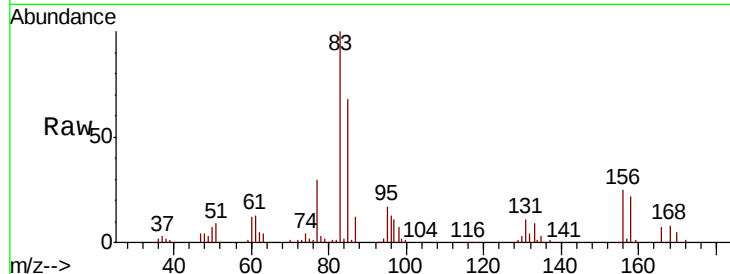
ClientSampleId :

VX1014WBS01

Tot Ion:	83	Resp:	62223
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.1	15.3
85	65.7	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.744 ug/l m

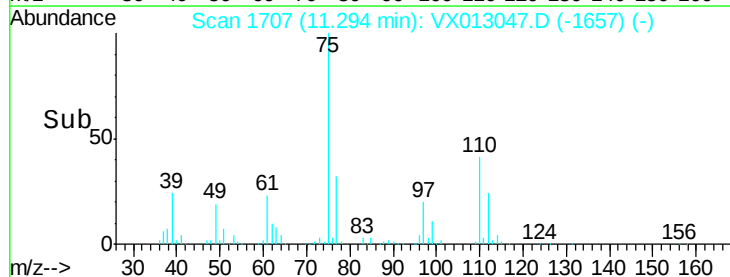
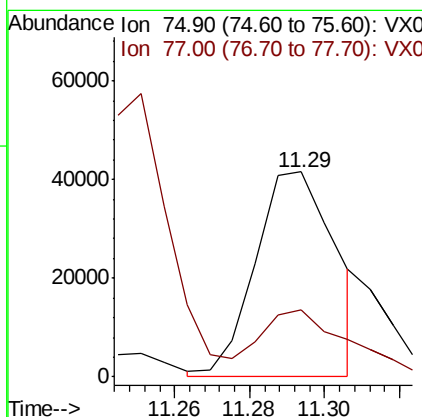
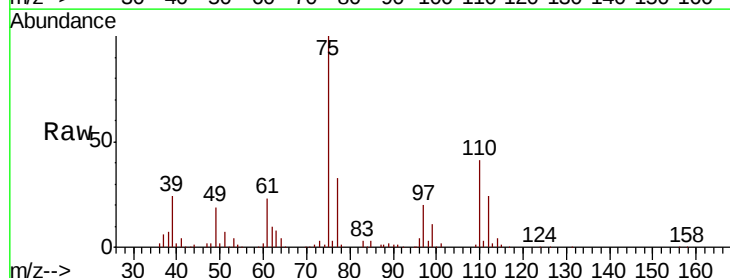
RT: 11.29 min Scan# 1707

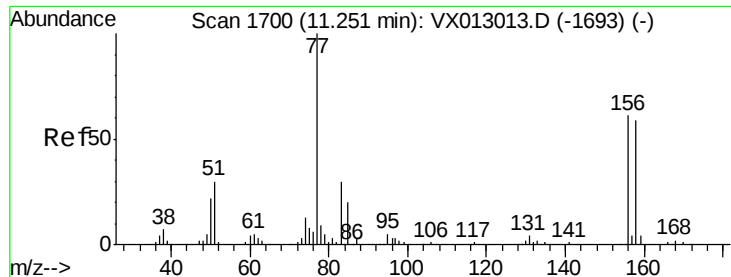
Delta R.T. 0.01 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Tgt Ion:	75	Resp:	61065
Ion	Ratio	Lower	Upper
75	100		
77	36.1	22.9	68.8





#77

Bromobenzene

Concen: 21.115 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBS01

Tot Ion:156 Resp: 46319

Ion Ratio Lower Upper

156 100

77 161.4 83.7 251.0

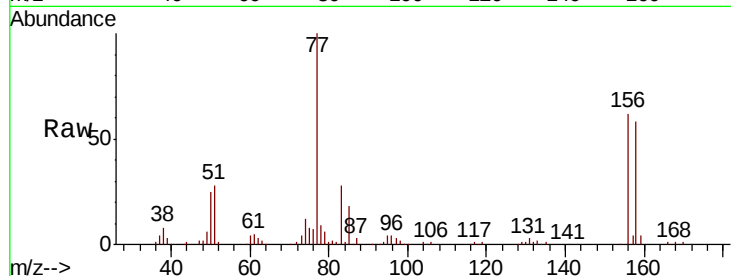
158 94.2 48.6 145.9

Manual Integrations

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MMDadoda

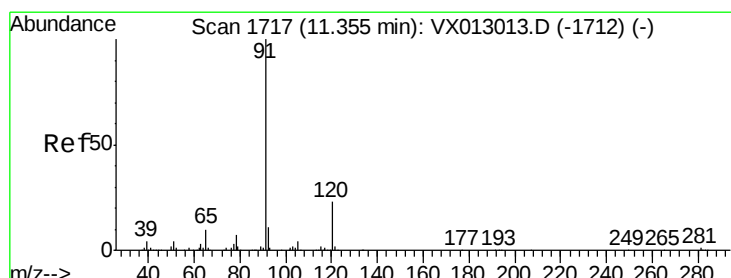
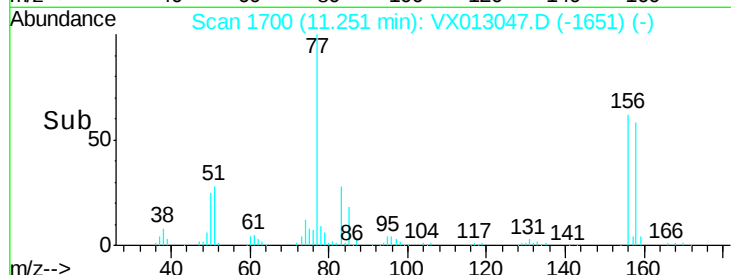
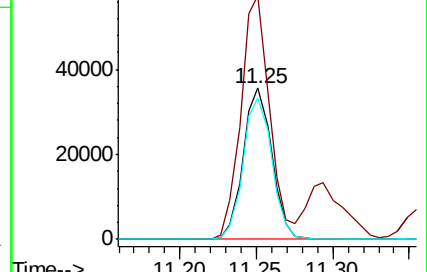
10/21/2019 2:55:04 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.900 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013047.D

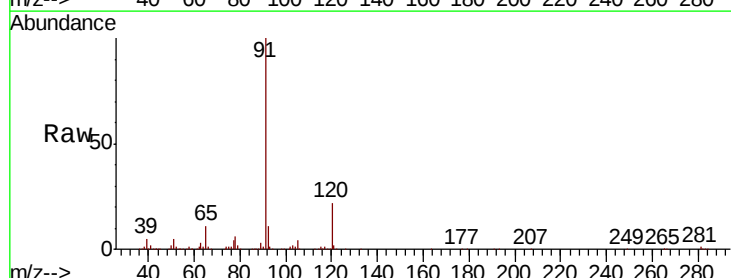
Acq: 14 Oct 2019 13:22

Tgt Ion: 91 Resp: 214083

Ion Ratio Lower Upper

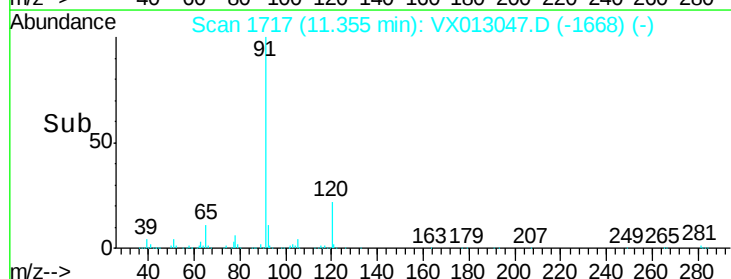
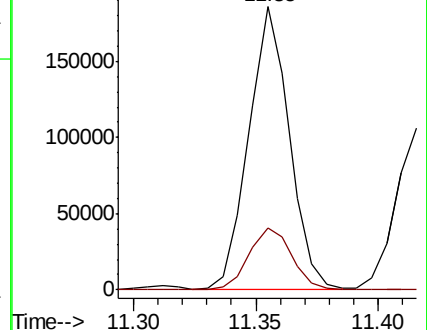
91 100

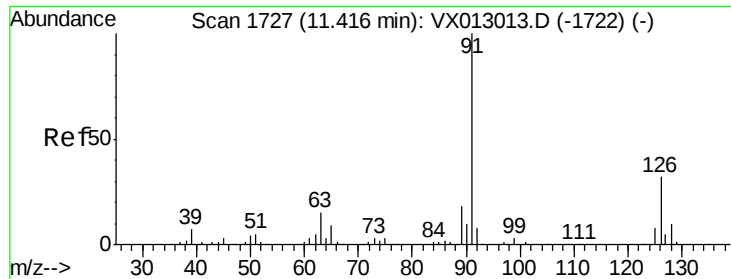
120 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





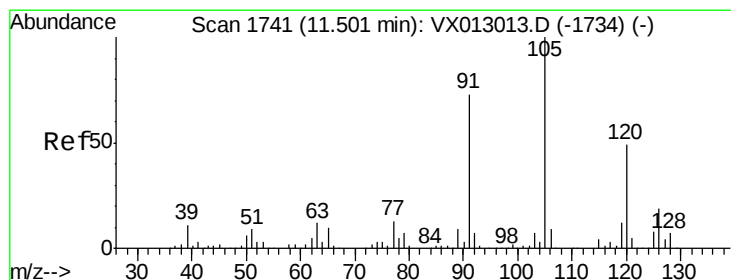
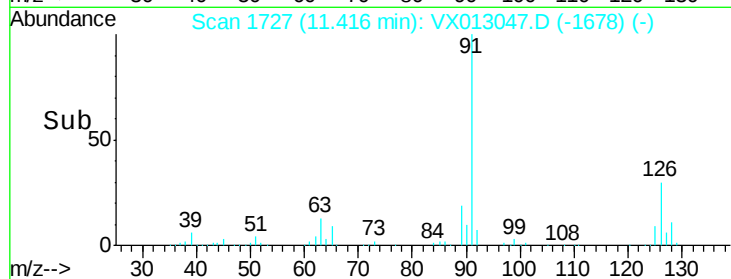
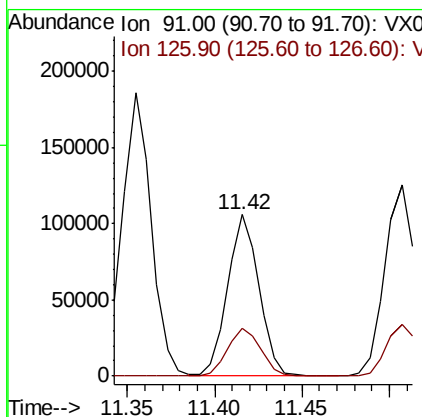
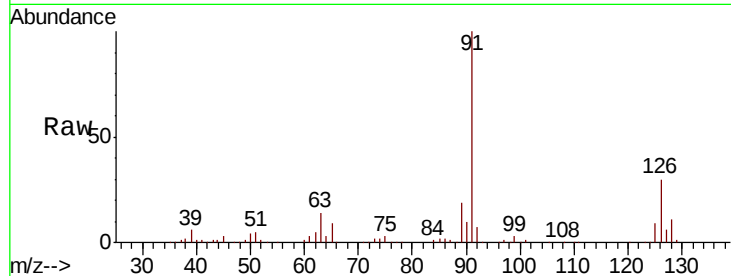
#79
 2-Chlorotoluene
 Concen: 20.357 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBS01

Tot Ion: 91 Resp: 131050
 Ion Ratio Lower Upper
 91 100
 126 31.8 16.3 48.8

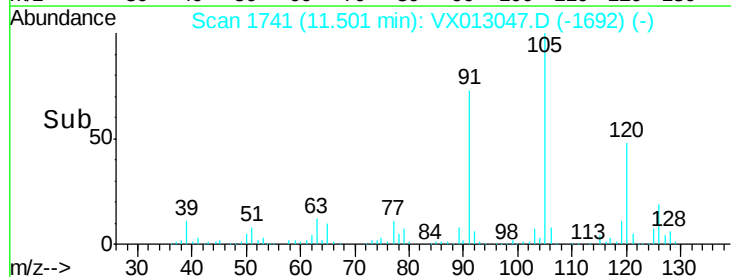
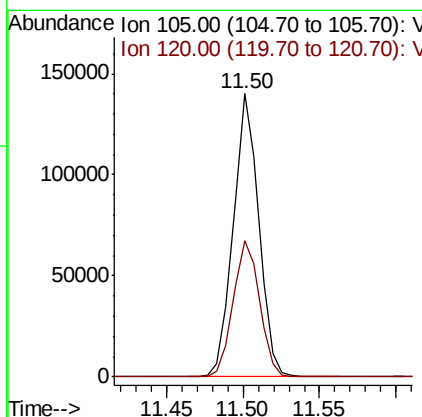
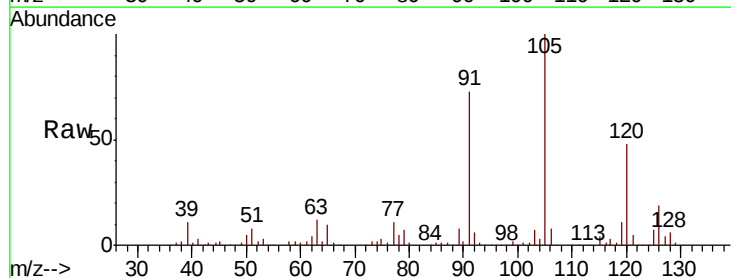
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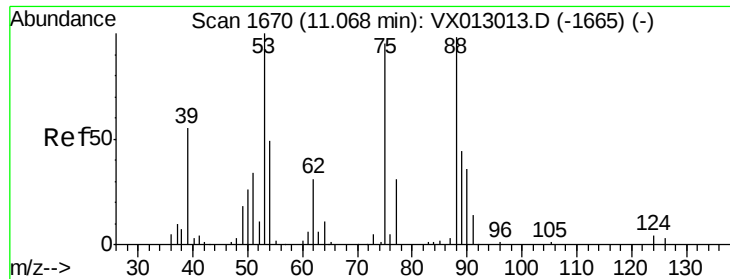
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.769 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Tgt Ion: 105 Resp: 161439
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.805 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBS01

Tot Ion: 75 Resp: 17506

Ion Ratio Lower Upper

75 100

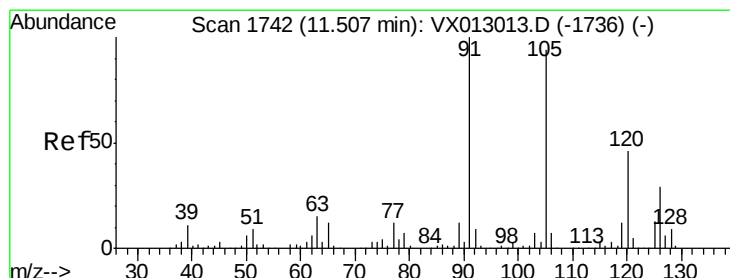
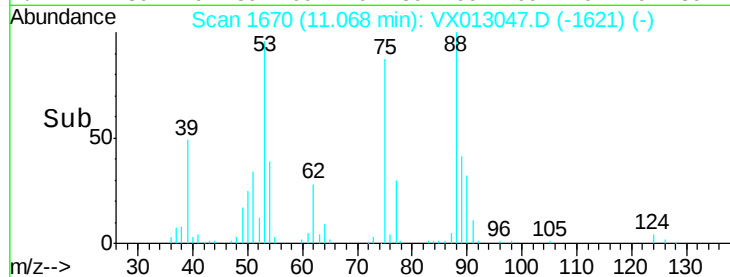
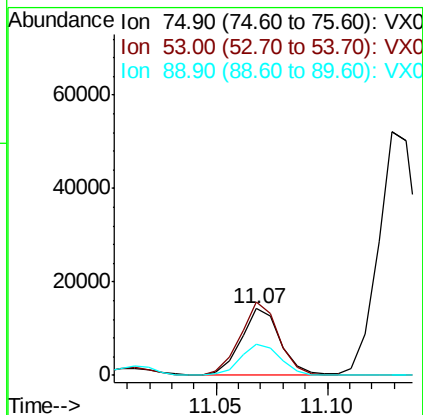
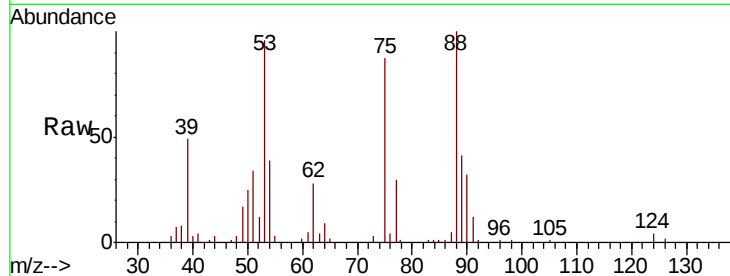
53 108.4 78.5 117.7

89 47.5 37.4 56.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.001 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013047.D

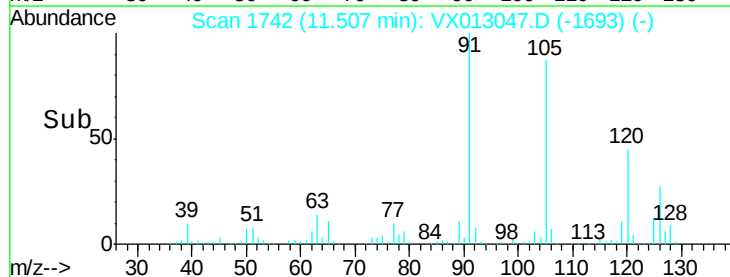
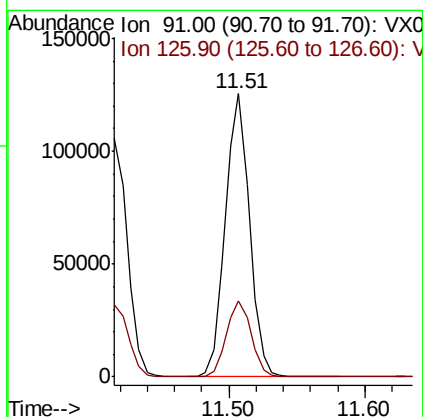
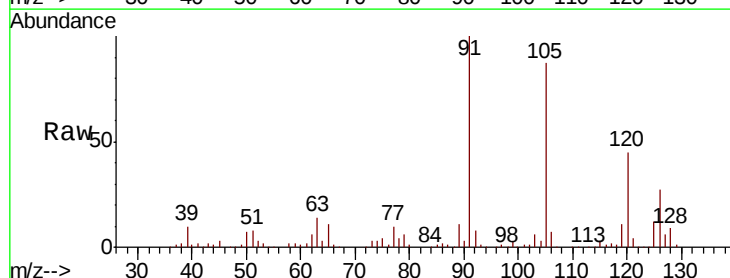
Acq: 14 Oct 2019 13:22

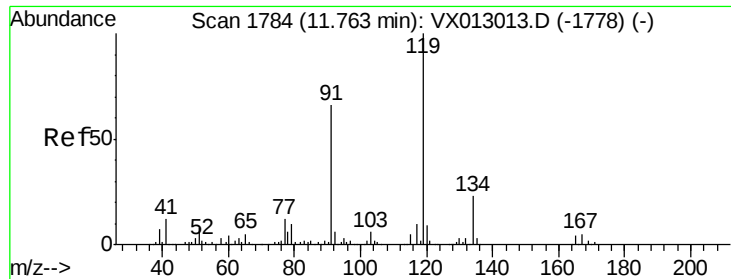
Tgt Ion: 91 Resp: 154958

Ion Ratio Lower Upper

91 100

126 27.6 14.2 42.6





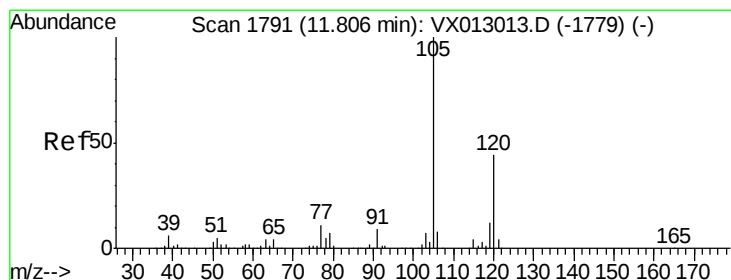
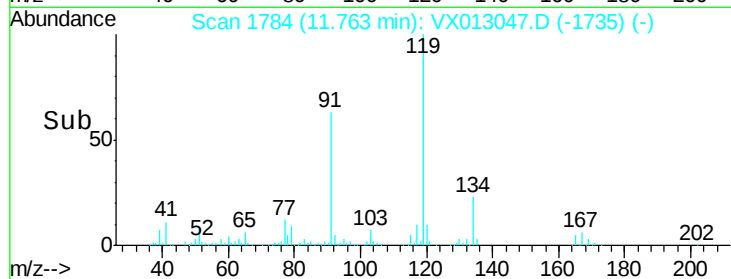
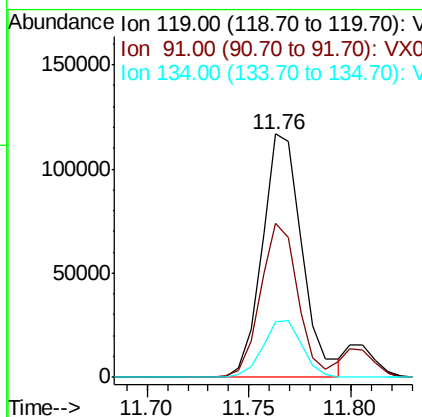
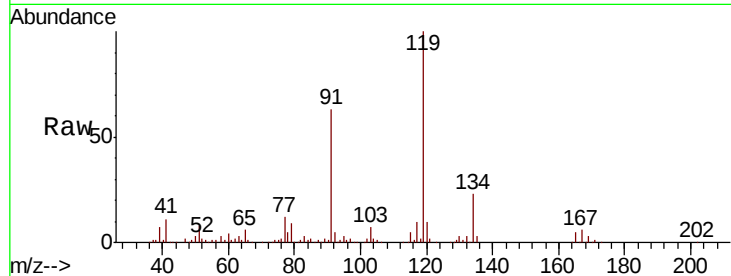
#83
 tert-Butylbenzene
 Concen: 20.951 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	158862		
91	59.2	29.3	87.9	
134	23.1	11.5	34.4	

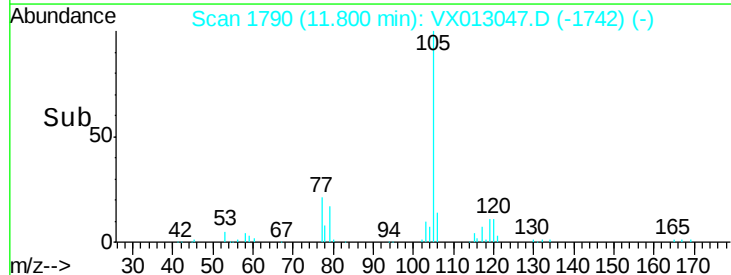
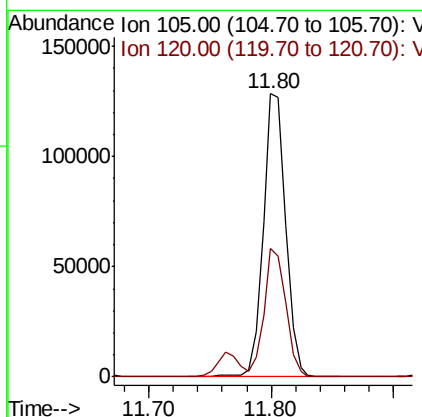
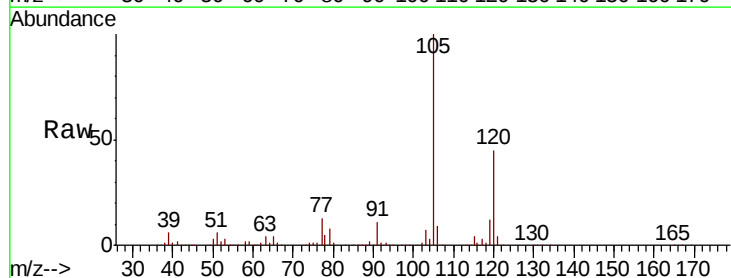
Manual Integrations
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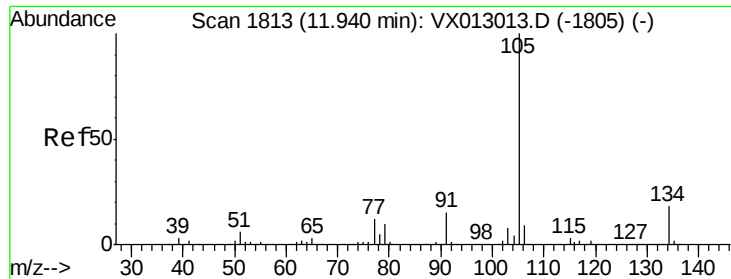
MMDadoda
 10/21/2019 2:55:04 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.980 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	165163		
120	43.8	21.8	65.3	





#85

sec-Butylbenzene

Concen: 20.532 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1014WBS01

Tot Ion:105 Resp: 180369

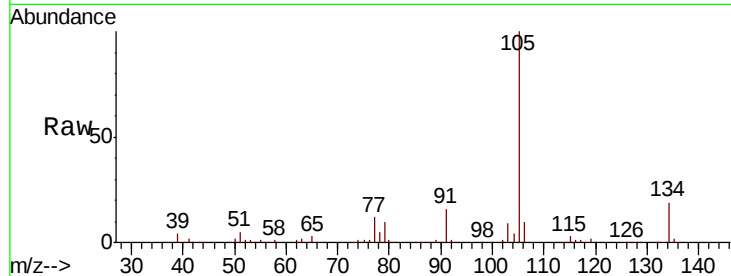
Ion Ratio Lower Upper

105 100

134 20.0 10.0 30.0

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

Ion 134.00 (133.70 to 134.70): V

11.94

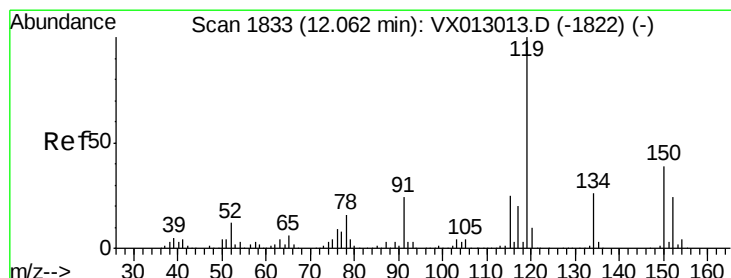
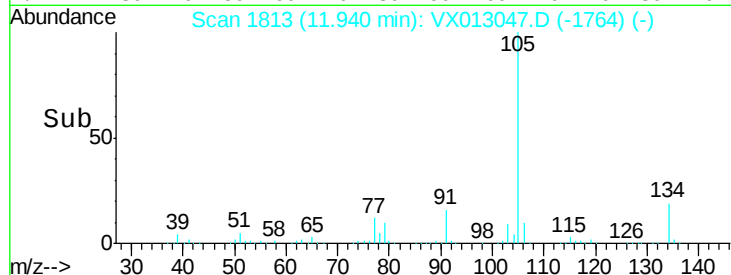
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.740 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

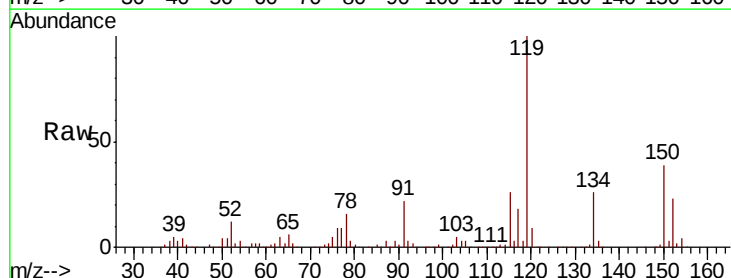
Tgt Ion:119 Resp: 168975

Ion Ratio Lower Upper

119 100

134 24.6 12.6 37.8

91 24.1 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

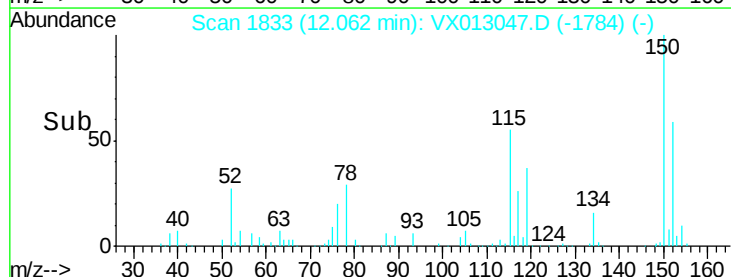
150000

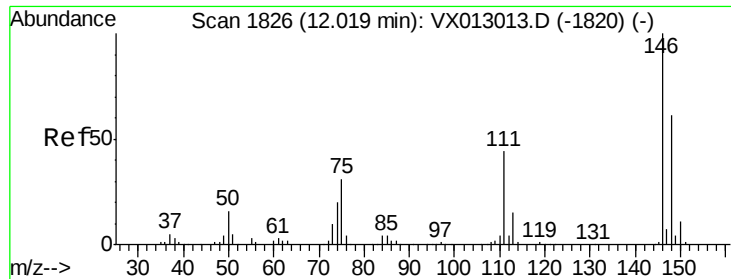
100000

50000

0

Time-->





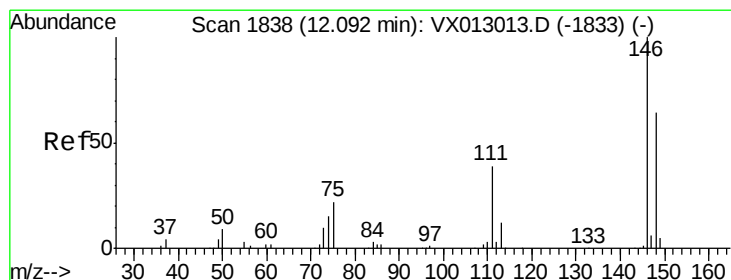
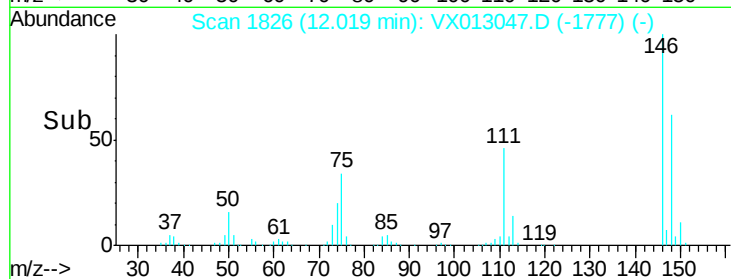
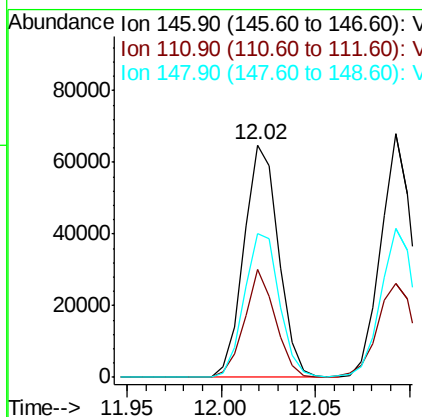
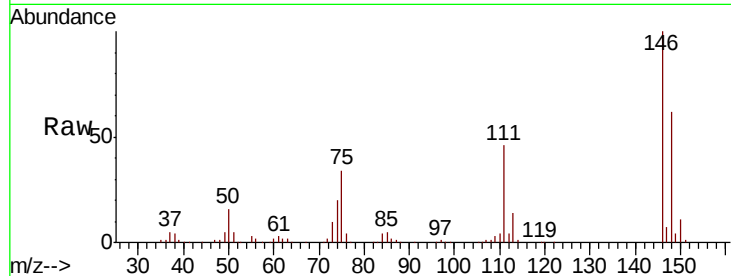
#87
 1,3-Dichlorobenzene
 Concen: 20.319 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.1	63.4
148	62.7	31.6	95.0

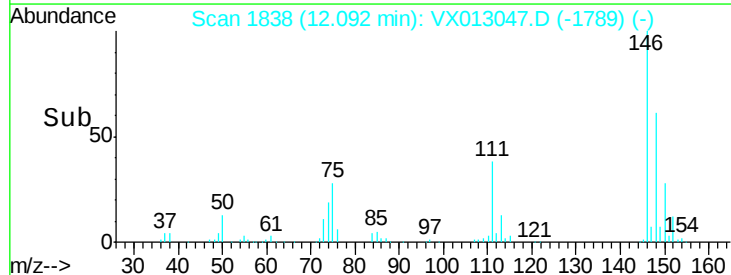
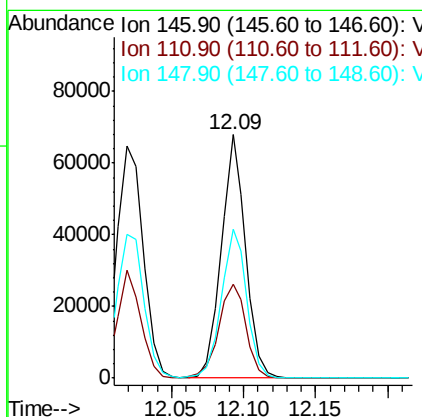
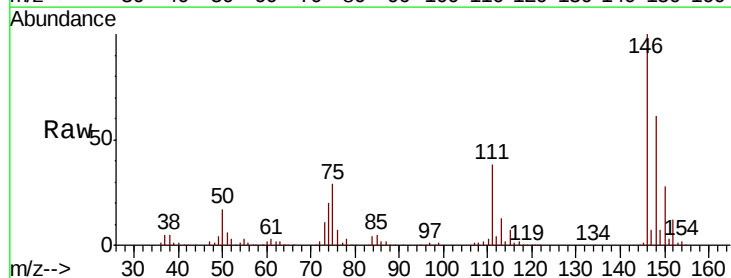
Manual Integrations
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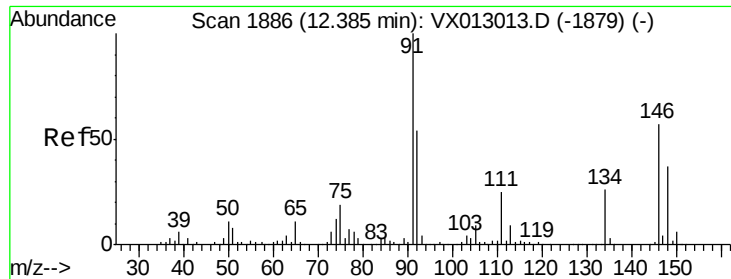
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 19.410 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.4	64.3
148	64.5	32.1	96.5





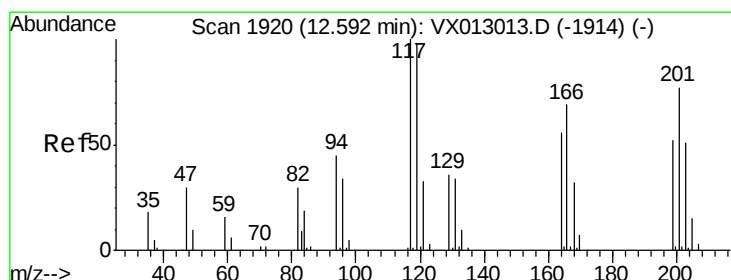
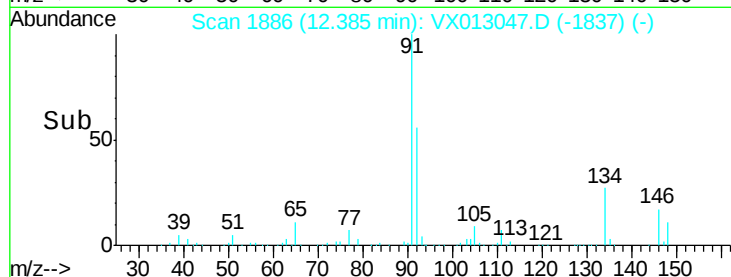
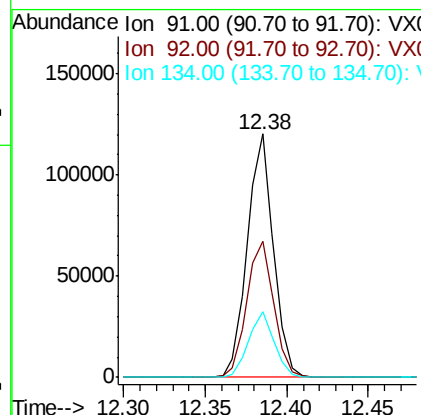
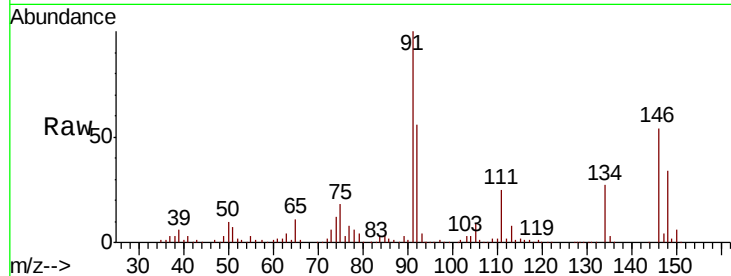
#89
n-Butylbenzene
Concen: 19.705 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	57.6	27.5	82.5
134	26.4	12.9	38.7

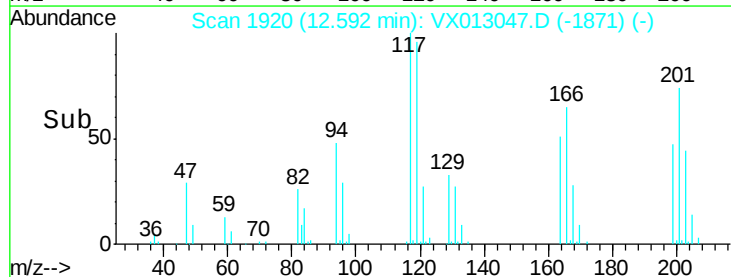
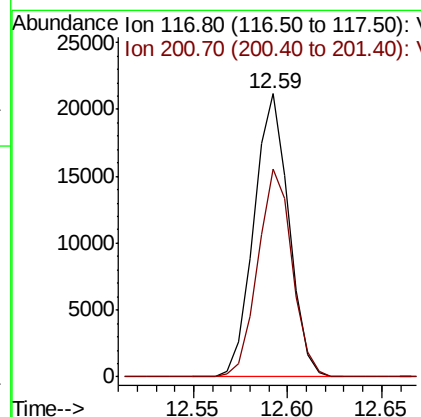
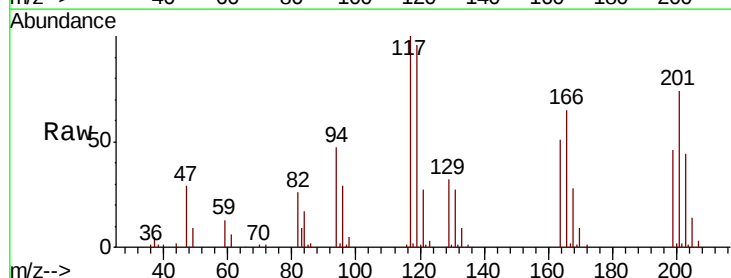
Manual Integrations
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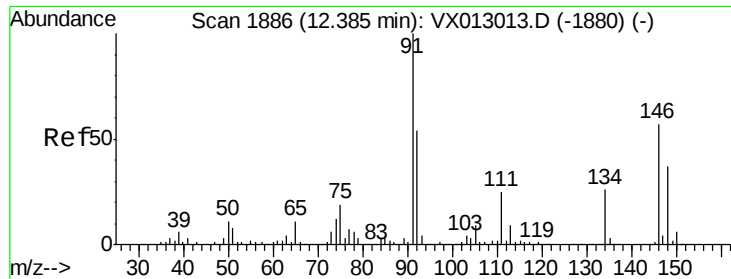
MMDadoda
10/21/2019 2:55:04 PM



#90
Hexachloroethane
Concen: 19.330 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.2	36.9	110.7





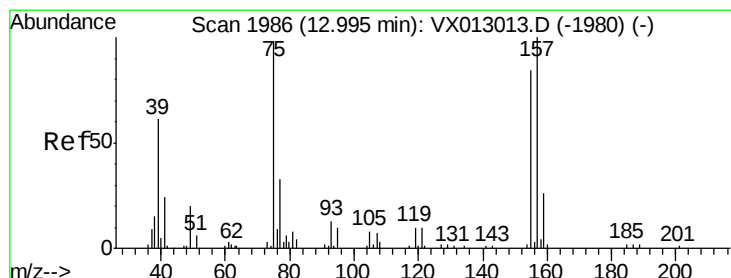
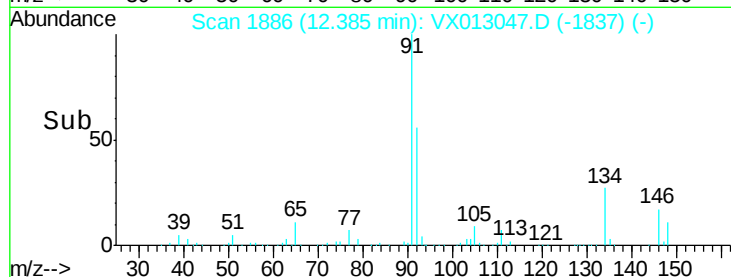
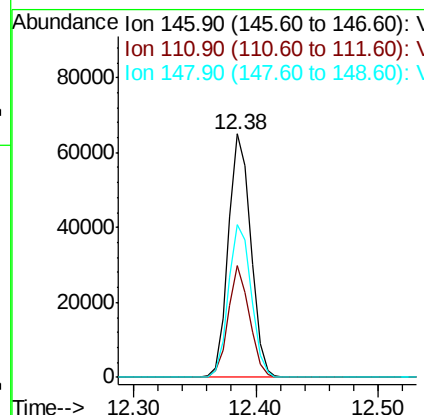
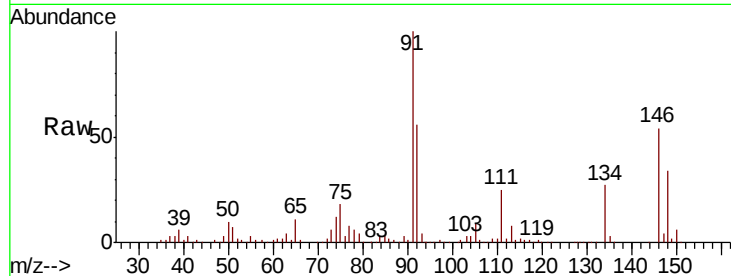
#91
 1,2-Dichlorobenzene
 Concen: 20.654 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	22.7	68.0
148	63.6	31.6	94.7

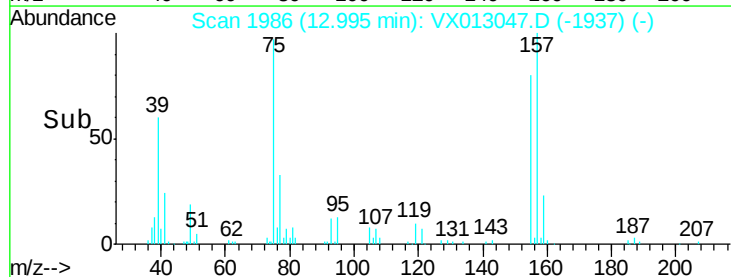
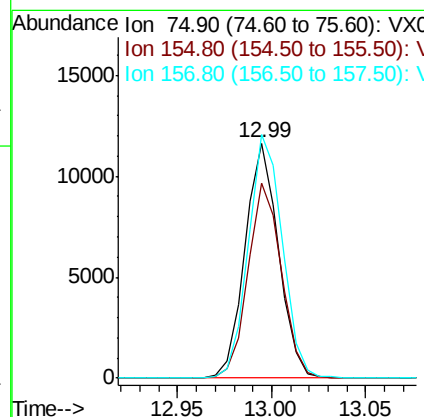
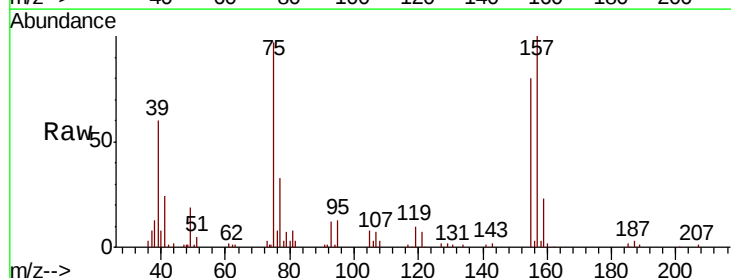
Manual Integrations
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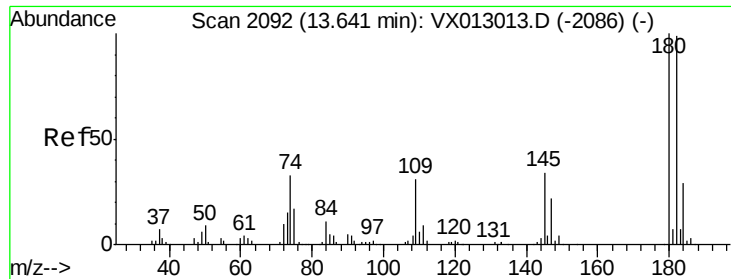
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.755 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.8	43.0	128.8
157	105.1	54.1	162.3





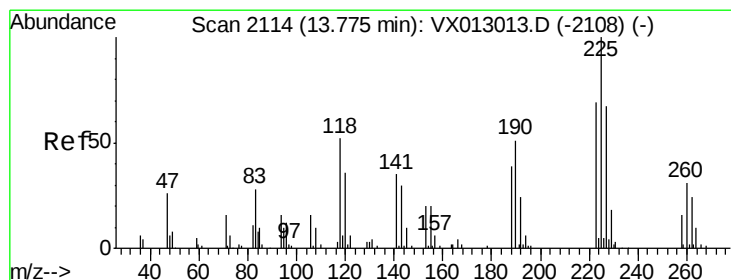
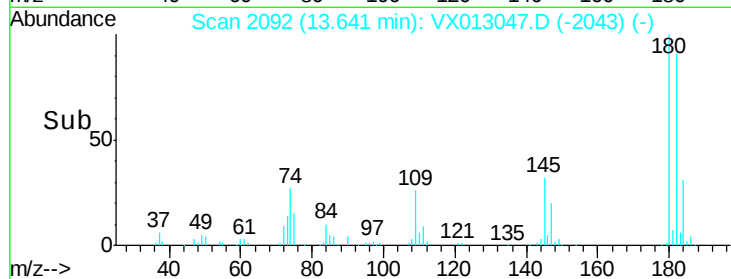
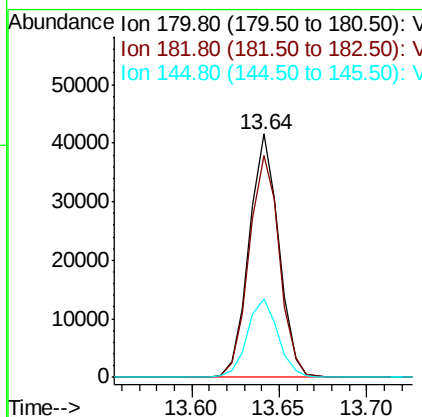
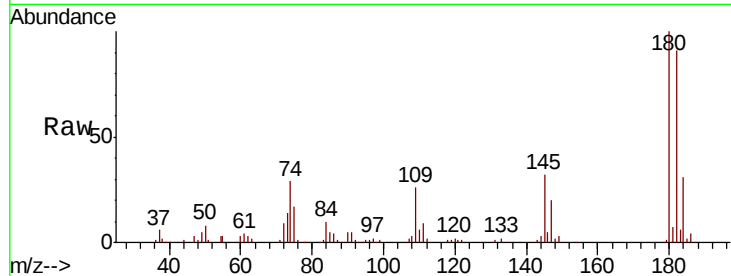
#93
 1,2,4-Trichlorobenzene
 Concen: 19.607 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	49051		
182	93.2	46.8	140.4	
145	33.0	16.2	48.6	

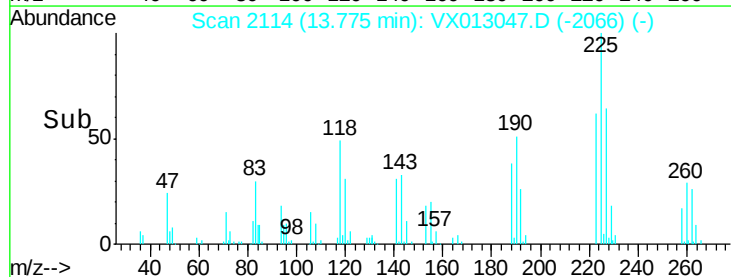
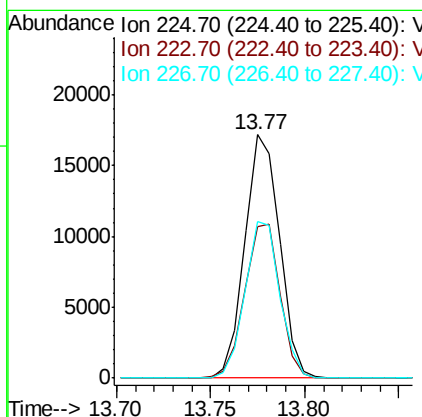
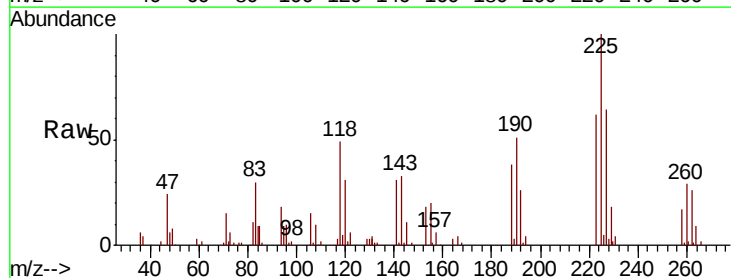
Manual Integrations
 APPROVED

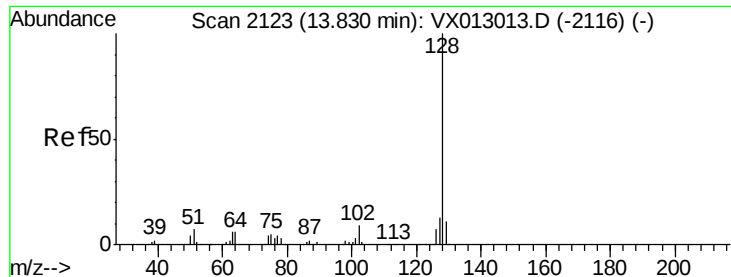
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#94
 Hexachlorobutadiene
 Concen: 19.069 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	22016		
223	64.2	31.1	93.2	
227	64.3	32.3	96.9	





#95

Naphthalene

Concen: 20.394 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

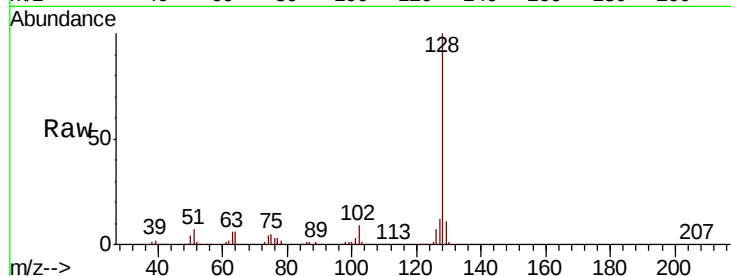
ClientSampleId :

VX1014WBS01

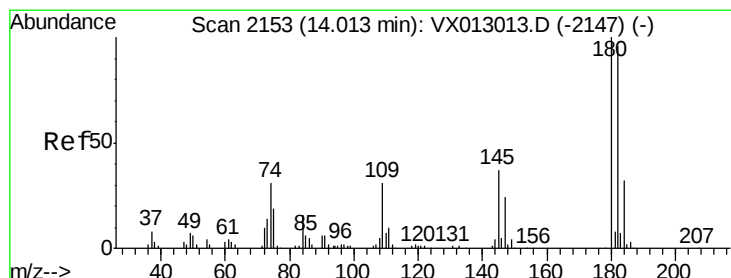
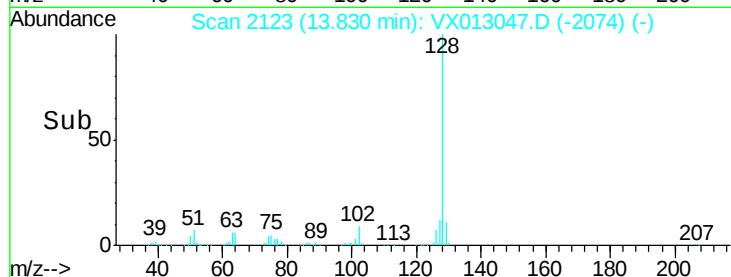
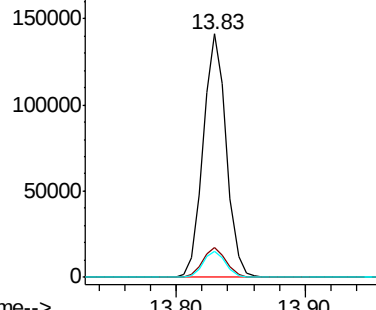
Tot Ion:	128	Resp:	176855
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.2	15.4
129	10.4	8.8	13.2

Manual Integrations
APPROVED

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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.977 ug/l

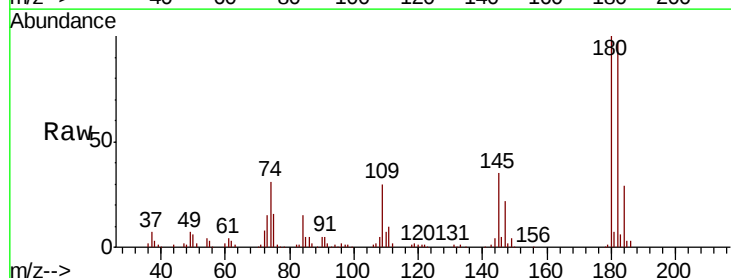
RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Tgt Ion:	180	Resp:	51644
Ion Ratio	Lower	Upper	
180	100		
182	93.1	47.5	142.5
145	34.7	17.4	52.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

