

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
 Data File : VX013123.D
 Acq On : 18 Oct 2019 13:10
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/21/2019 11:02:54 AM

Quant Time: Oct 19 03:32:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	157710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	251754	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	227098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	110991	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	93657	47.51	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	95.02%	
35) Dibromofluoromethane	5.48	113	76598	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
50) Toluene-d8	8.71	98	282186	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.13	95	114504	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	92980	57.839	ug/l 99
3) Chloromethane	1.32	50	86077	49.200	ug/l 94
4) Vinyl Chloride	1.40	62	87976	48.719	ug/l 100
5) Bromomethane	1.62	94	40706	54.228	ug/l 98
6) Chloroethane	1.71	64	55606	50.409	ug/l 97
7) Trichlorofluoromethane	1.92	101	136165	55.867	ug/l 97
8) Diethyl Ether	2.18	74	49700	50.519	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	85267	54.055	ug/l 98
10) Methyl Iodide	2.50	142	99847	55.276	ug/l 99
11) Tert butyl alcohol	3.03	59	110987	212.399	ug/l 98
12) 1,1-Dichloroethene	2.36	96	80782	50.687	ug/l 91
13) Acrolein	2.28	56	96448	259.725	ug/l 99
14) Allyl chloride	2.72	41	135490	47.738	ug/l 96
15) Acrylonitrile	3.13	53	236798	239.129	ug/l 100
16) Acetone	2.43	43	258029	248.343	ug/l 99
17) Carbon Disulfide	2.56	76	220610	48.546	ug/l 99
18) Methyl Acetate	2.76	43	112582	45.714	ug/l 96
19) Methyl tert-butyl Ether	3.18	73	290601	52.801	ug/l 98
20) Methylene Chloride	2.84	84	93415	48.922	ug/l 97
21) trans-1,2-Dichloroethene	3.15	96	89998	52.686	ug/l 100
22) Diisopropyl ether	3.84	45	267214	49.133	ug/l 89
23) Vinyl Acetate	3.80	43	1170184	249.242	ug/l 98
24) 1,1-Dichloroethane	3.69	63	158316	51.744	ug/l 99
25) 2-Butanone	4.65	43	335893	233.020	ug/l 96
26) 2,2-Dichloropropane	4.57	77	140728	54.697	ug/l 100
27) cis-1,2-Dichloroethene	4.58	96	102976	52.298	ug/l 98
28) Bromochloromethane	5.00	49	42413	46.352	ug/l 93
29) Tetrahydrofuran	5.11	42	202916	228.758	ug/l 96
30) Chloroform	5.20	83	163331	52.026	ug/l 99
31) Cyclohexane	5.56	56	140469	49.099	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	145217	54.592	ug/l 98
36) 1,1-Dichloropropene	5.79	75	123917	55.984	ug/l 98
37) Ethyl Acetate	4.81	43	124526	50.313	ug/l 99
38) Carbon Tetrachloride	5.77	117	126015	58.491	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	153125	57.045	ug/l	99
40) Benzene	6.13	78	362006	55.374	ug/l	98
41) Methacrylonitrile	5.03	41	69128	50.829	ug/l	99
42) 1,2-Dichloroethane	6.18	62	131559	56.082	ug/l	99
43) Isopropyl Acetate	6.43	43	204159	51.393	ug/l	99
44) Trichloroethene	7.20	130	99999	55.162	ug/l	97
45) 1,2-Dichloropropane	7.50	63	90892	54.551	ug/l	99
46) Dibromomethane	7.65	93	62949	56.706	ug/l	96
47) Bromodichloromethane	7.89	83	127668	58.932	ug/l	98
48) Methyl methacrylate	7.76	41	101091	52.220	ug/l	98
49) 1,4-Dioxane	7.73	88	46335	895.711	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	634462	256.164	ug/l	99
52) Toluene	8.78	92	236716	56.599	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	141743	52.323	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	154812	58.103	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	93130	56.267	ug/l	98
56) Ethyl methacrylate	9.17	69	151269	51.000	ug/l	97
57) 1,3-Dichloropropane	9.37	76	156359	54.612	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	316168	260.028	ug/l	98
59) 2-Hexanone	9.48	43	501440	260.081	ug/l	98
60) Dibromochloromethane	9.57	129	100022	54.144	ug/l	100
61) 1,2-Dibromoethane	9.67	107	99384	57.080	ug/l	99
64) Tetrachloroethene	9.33	164	94047	59.707	ug/l	95
65) Chlorobenzene	10.13	112	253181	56.140	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	92377	59.078	ug/l	100
67) Ethyl Benzene	10.25	91	458401	57.223	ug/l	100
68) m/p-Xylenes	10.36	106	345406	115.418	ug/l	100
69) o-Xylene	10.70	106	166621	57.094	ug/l	100
70) Styrene	10.71	104	291266	58.708	ug/l	100
71) Bromoform	10.85	173	71245	53.266	ug/l #	99
73) Isopropylbenzene	11.01	105	448842	55.003	ug/l	99
74) N-amyl acetate	10.89	43	182751	52.000	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	145560	53.631	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	138875m	56.413	ug/l	
77) Bromobenzene	11.25	156	108440	56.393	ug/l	98
78) n-propylbenzene	11.35	91	511838	57.002	ug/l	98
79) 2-Chlorotoluene	11.42	91	299832	53.131	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	377548	55.409	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47306	49.462	ug/l	98
82) 4-Chlorotoluene	11.51	91	345755	53.454	ug/l	100
83) tert-Butylbenzene	11.76	119	364254	54.801	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	384441	55.709	ug/l	99
85) sec-Butylbenzene	11.94	105	432970	56.225	ug/l	98
86) p-Isopropyltoluene	12.06	119	402381	56.341	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	199606	55.898	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	201367	55.680	ug/l	97
89) n-Butylbenzene	12.39	91	342542	57.067	ug/l	99
90) Hexachloroethane	12.59	117	68655	51.822	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	191581	54.725	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	34335	53.974	ug/l	99

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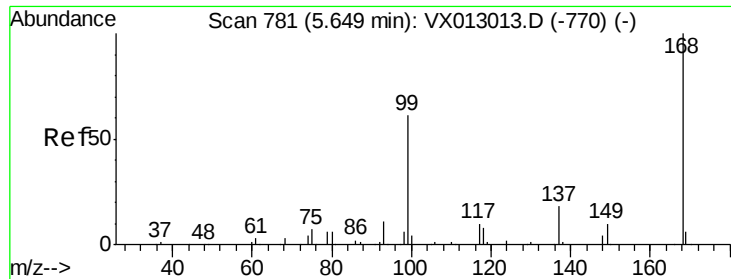
Manual Integrations
APPROVED

MMDadoda
10/21/2019 11:02:54 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	127996	58.366	ug/l	98
94) Hexachlorobutadiene	13.78	225	59580	58.870	ug/l	99
95) Naphthalene	13.83	128	389218	51.200	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	124616	54.989	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 157710

Ion Ratio Lower Upper

168 100

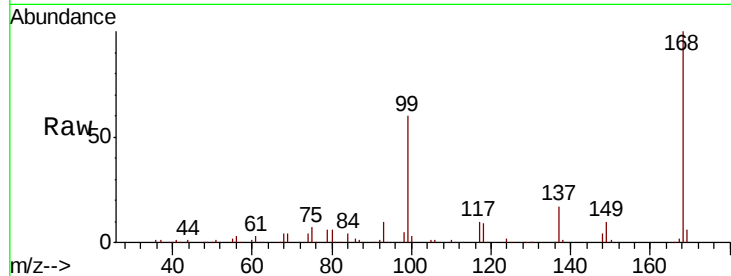
99 60.4 49.4 74.0

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

50000

40000

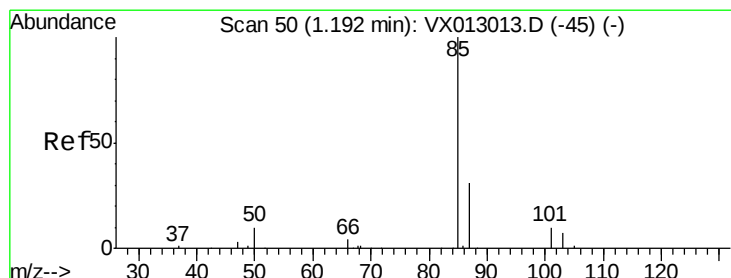
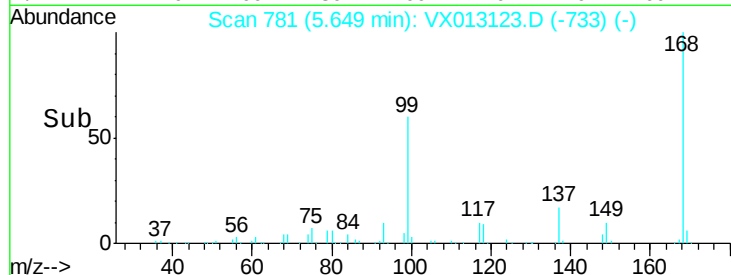
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 57.839 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX013123.D

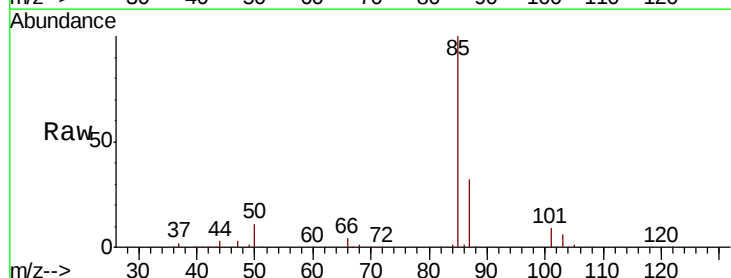
Acq: 18 Oct 2019 13:10

Tgt Ion: 85 Resp: 92980

Ion Ratio Lower Upper

85 100

87 32.4 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

100000

80000

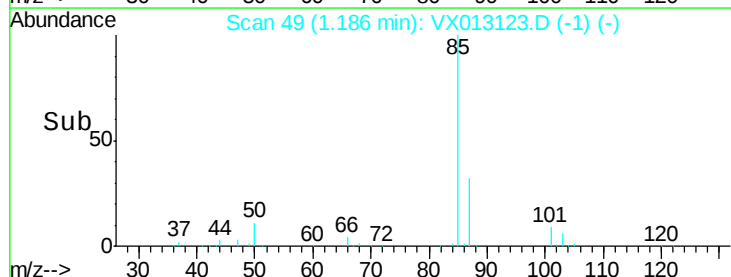
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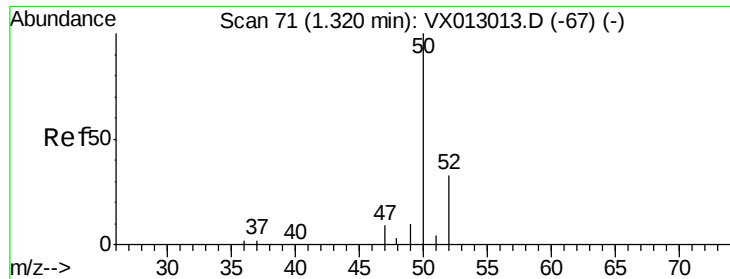
40000

20000

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Time-->





#3

Chloromethane

Concen: 49.200 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 86077

Ion Ratio Lower Upper

50 100

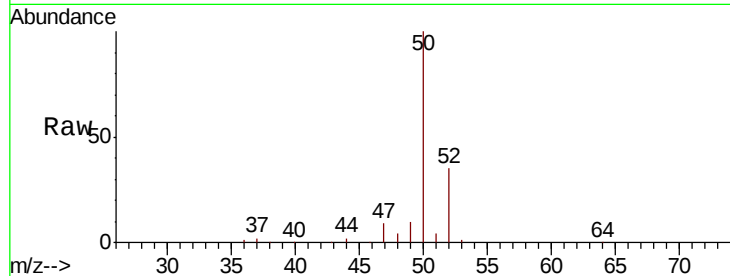
52 34.8 25.2 37.8

Manual Integrations

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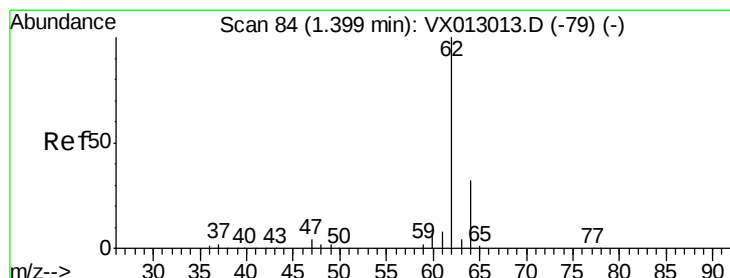
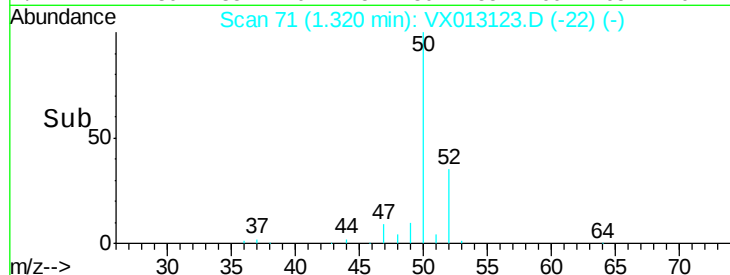
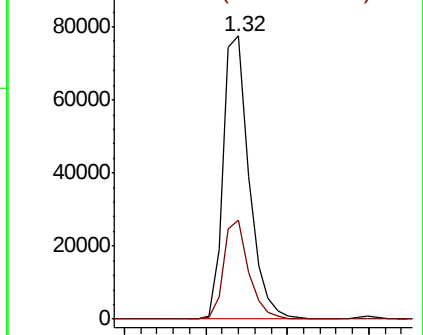
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.719 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013123.D

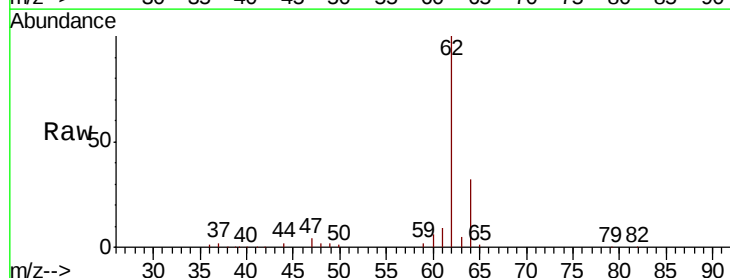
Acq: 18 Oct 2019 13:10

Tgt Ion: 62 Resp: 87976

Ion Ratio Lower Upper

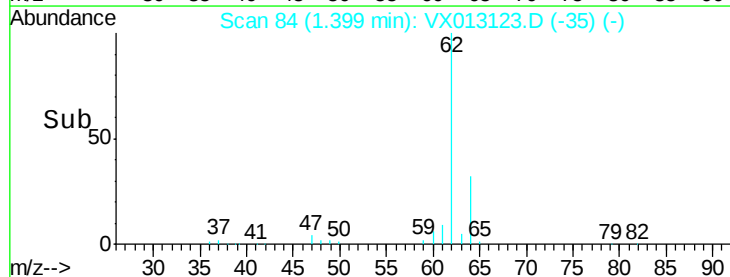
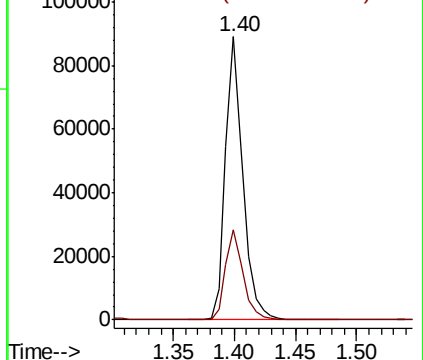
62 100

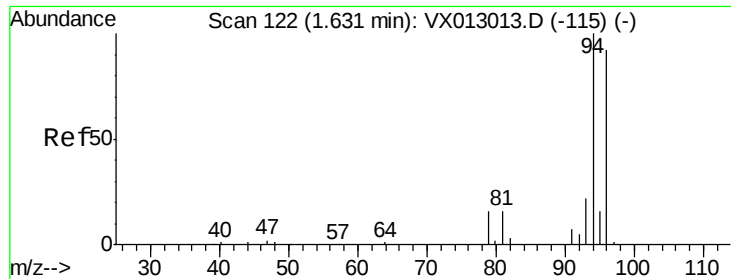
64 31.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 54.228 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 40706

Ion Ratio Lower Upper

94 100

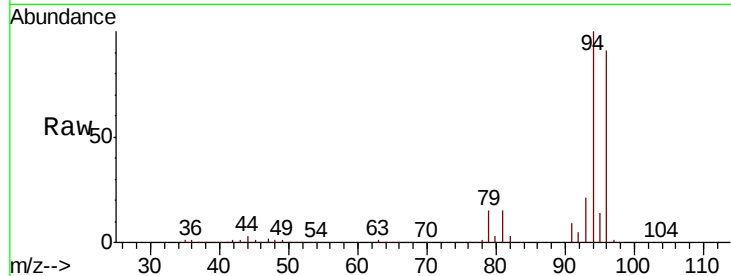
96 91.5 74.7 112.1

Manual Integrations

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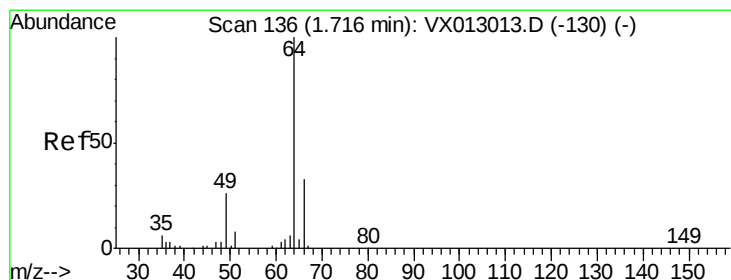
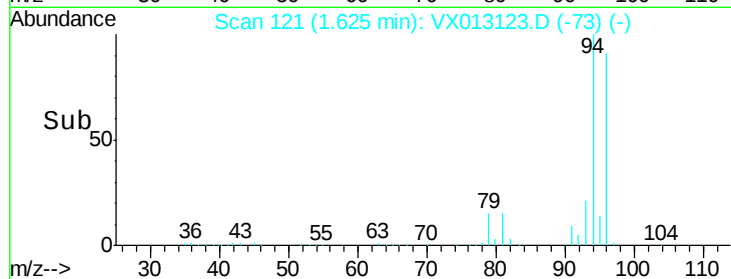
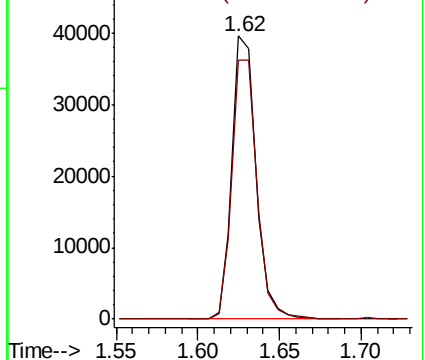
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.409 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013123.D

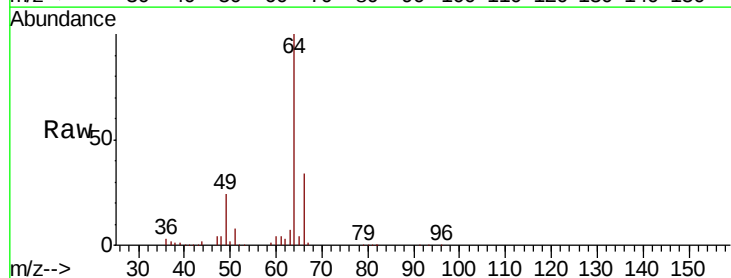
Acq: 18 Oct 2019 13:10

Tgt Ion: 64 Resp: 55606

Ion Ratio Lower Upper

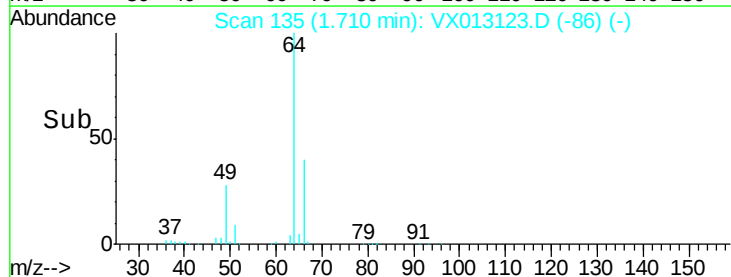
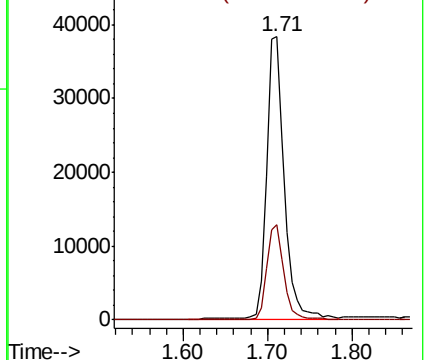
64 100

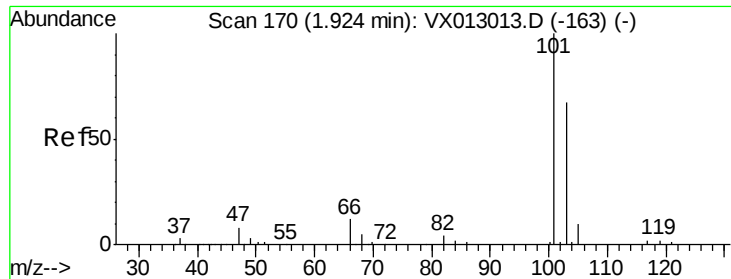
66 33.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

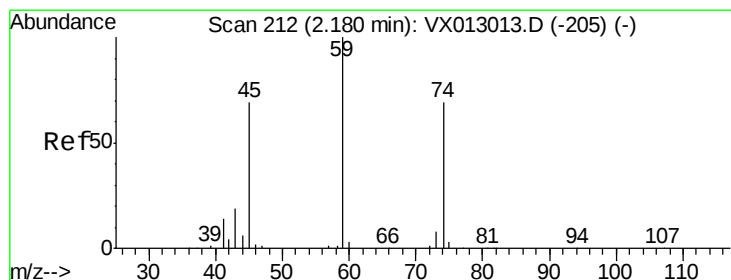
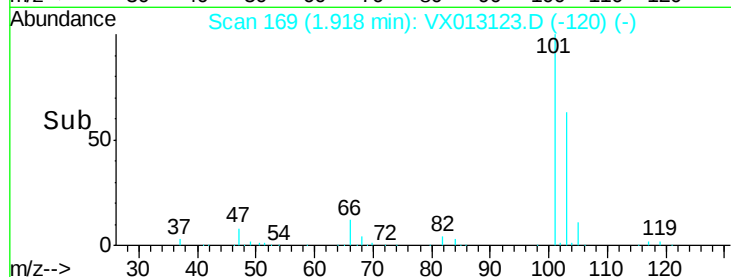
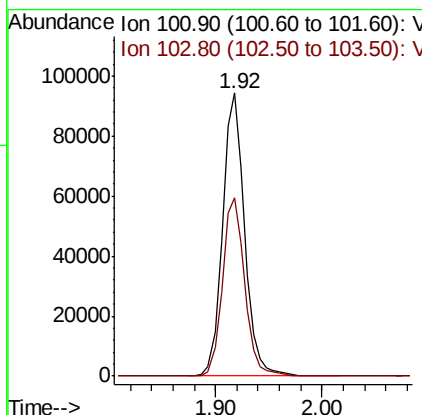
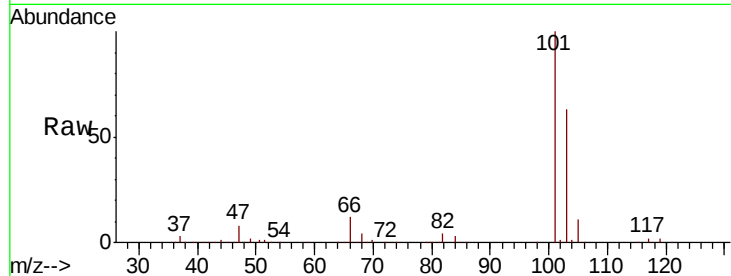
Trichlorofluoromethane
 Concen: 55.867 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Instrument :
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 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		136165		
103	62.9	52.5	78.7		

Manual Integrations
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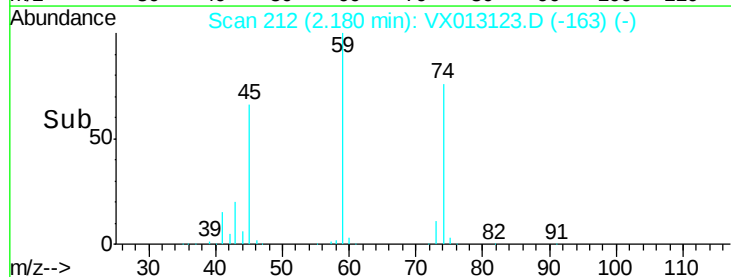
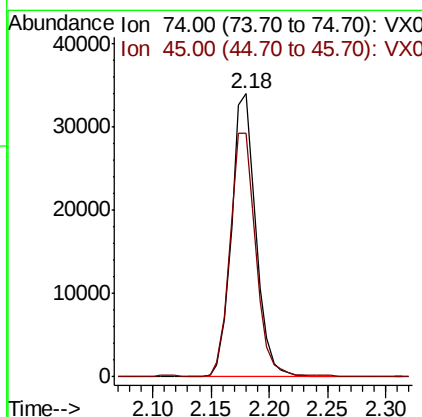
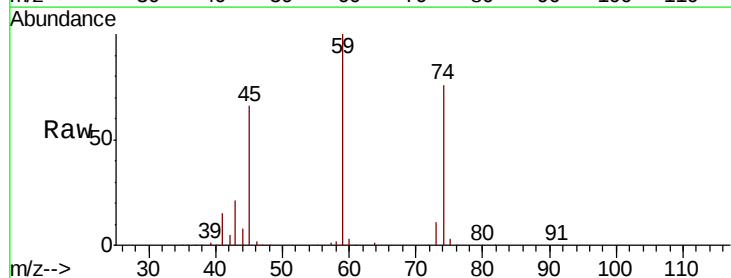
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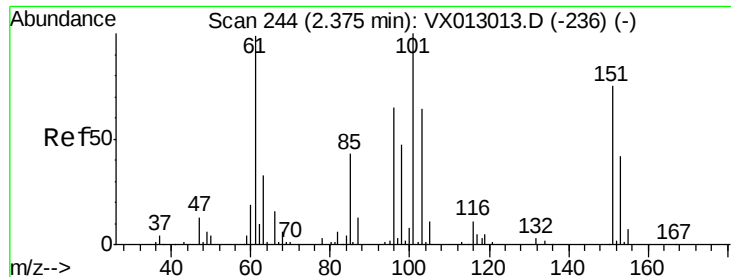


#8

Diethyl Ether
 Concen: 50.519 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		49700		
45	90.3	47.8	143.4		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.055 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

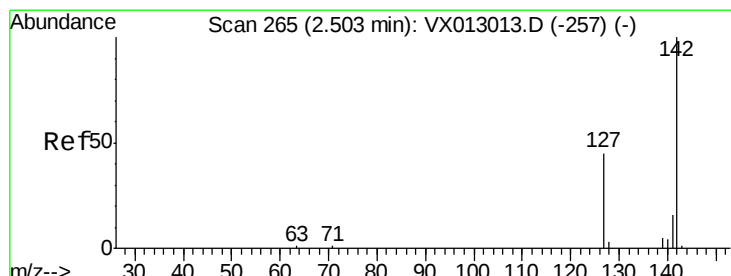
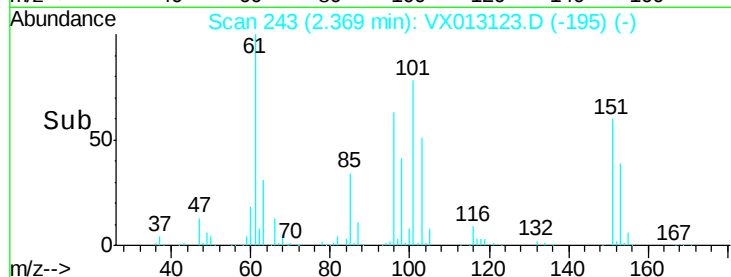
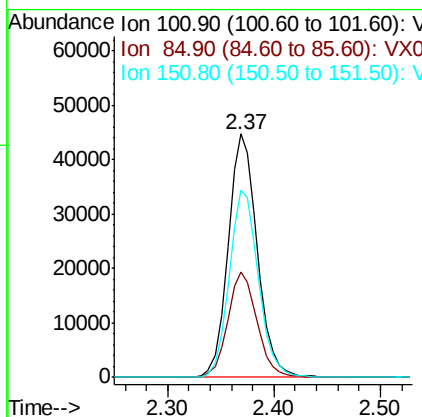
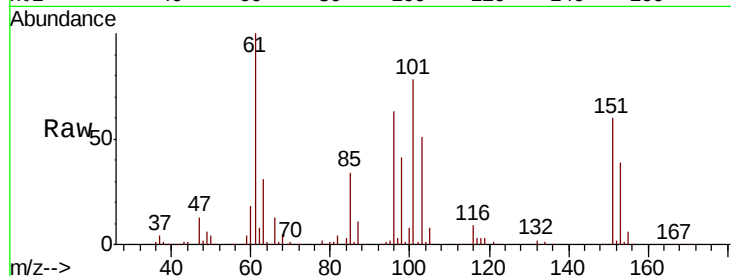
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	85267
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.2	52.8
151	77.5	60.3	90.5

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#10

Methyl Iodide

Concen: 55.276 ug/l

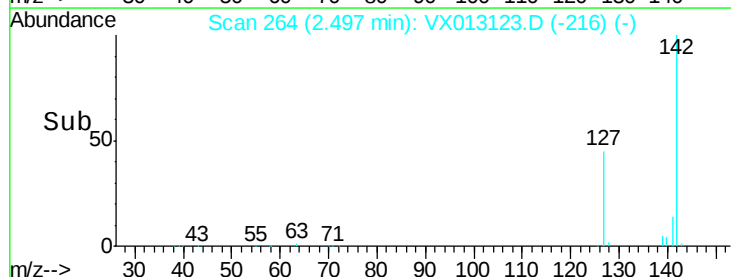
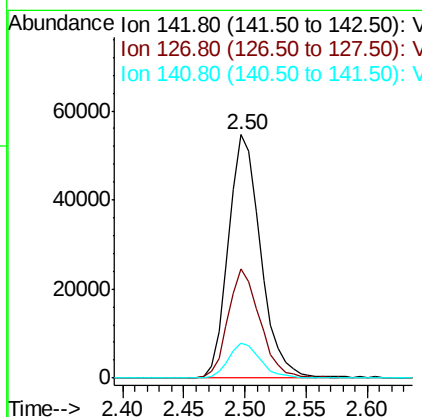
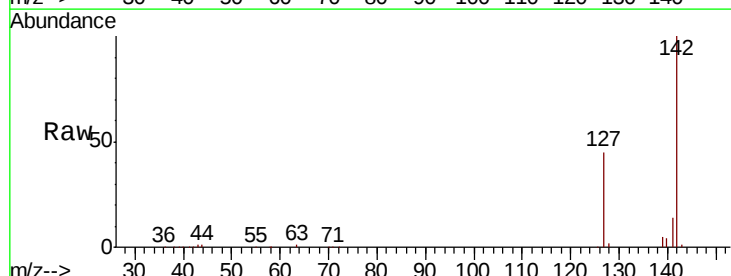
RT: 2.50 min Scan# 264

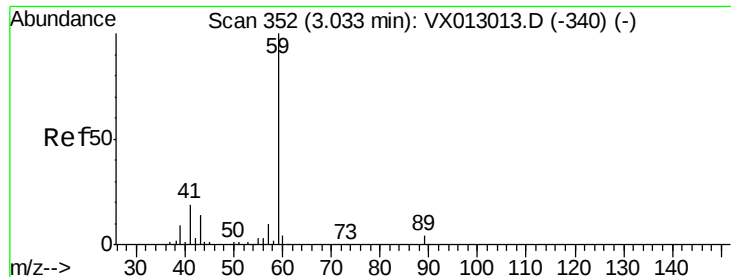
Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Tgt Ion:	142	Resp:	99847
Ion Ratio	Lower	Upper	
142	100		
127	44.4	34.9	52.3
141	14.4	11.6	17.4





#11

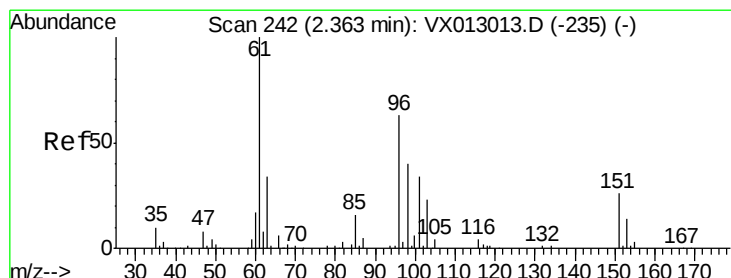
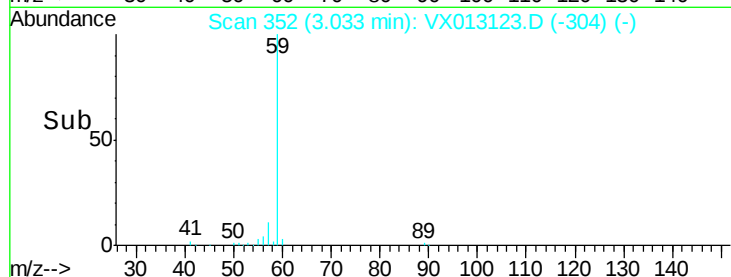
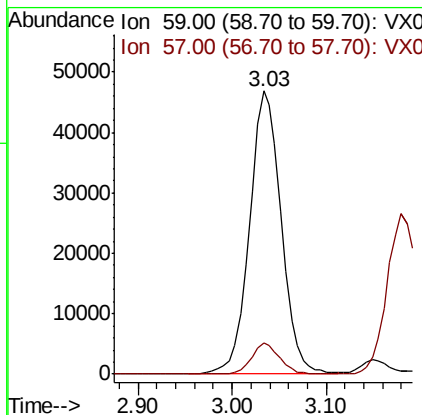
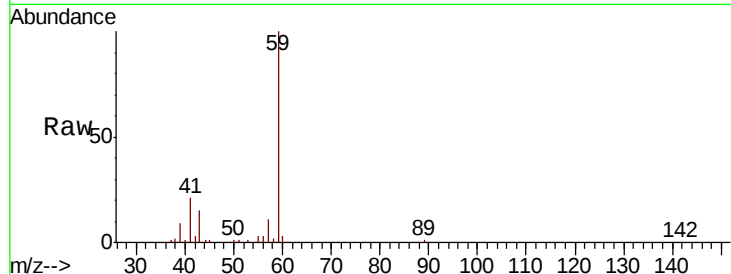
Tert butyl alcohol
Concen: 212.399 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.3	12.5

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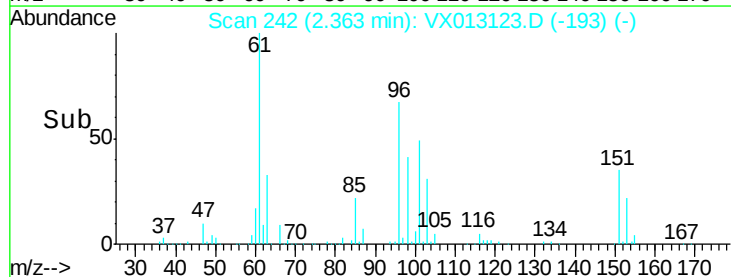
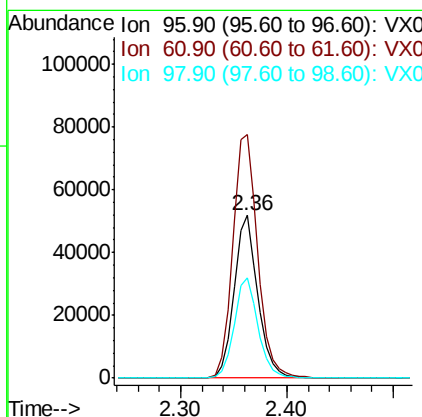
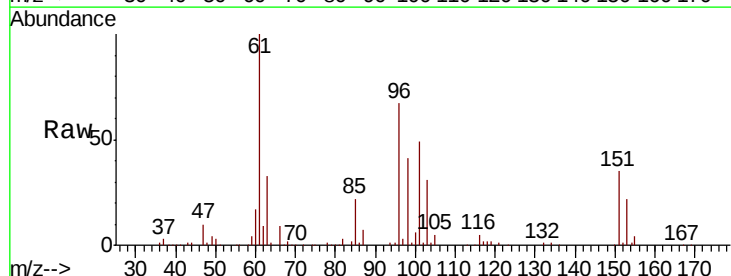
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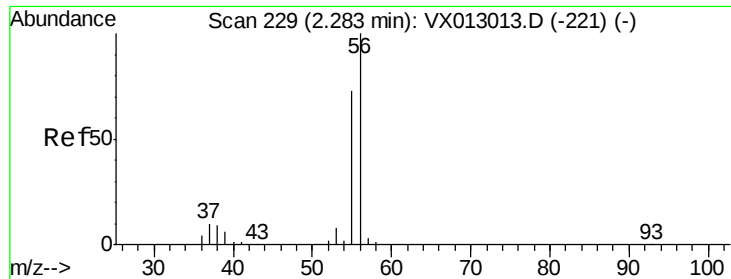


#12

1,1-Dichloroethene
Concen: 50.687 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.9	132.2	198.4
98	61.9	50.5	75.7





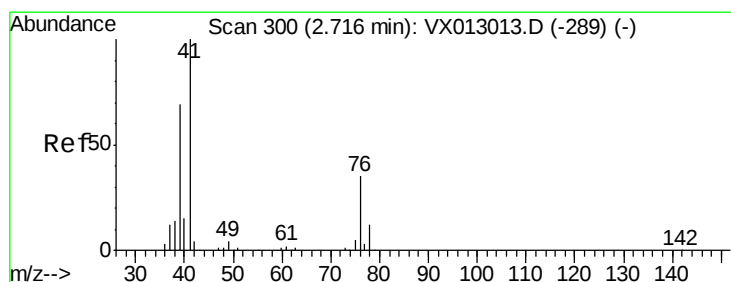
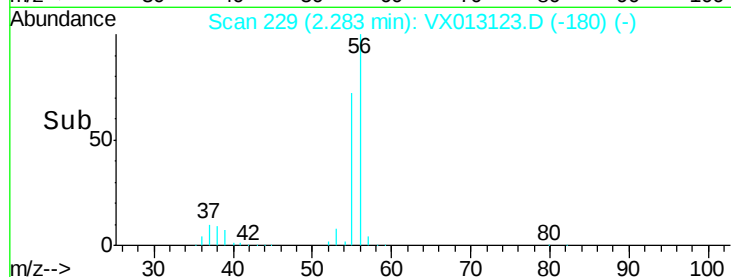
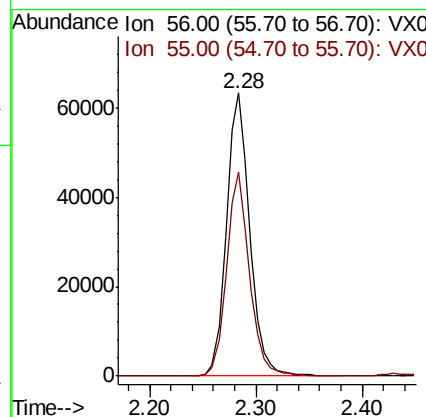
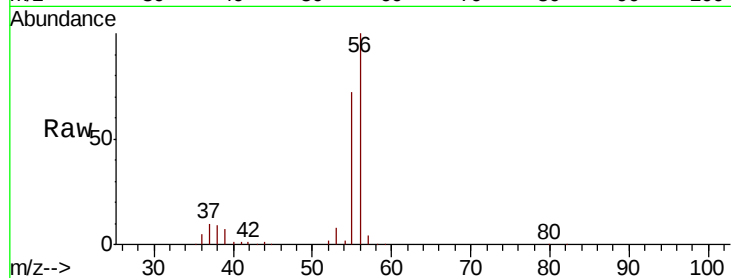
#13
Acrolein
Concen: 259.725 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.5	56.6	85.0

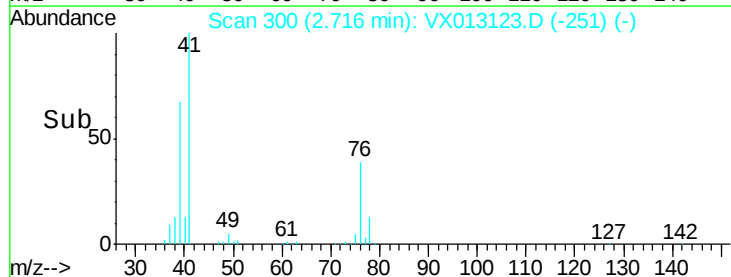
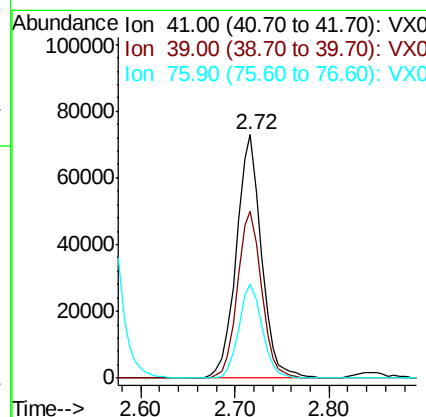
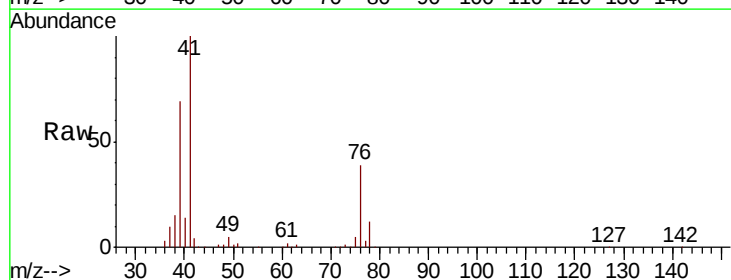
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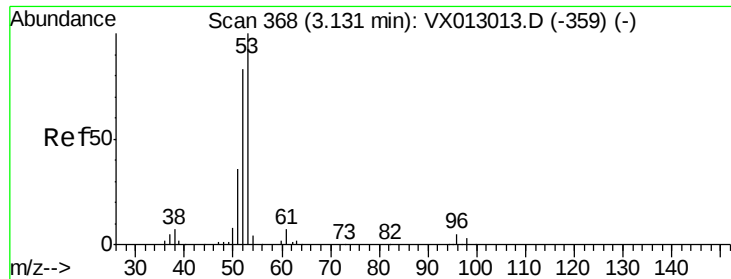
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#14
Allyl chloride
Concen: 47.738 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.2	51.0	76.6
76	36.2	26.2	39.4





#15

Acrylonitrile

Concen: 239.129 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

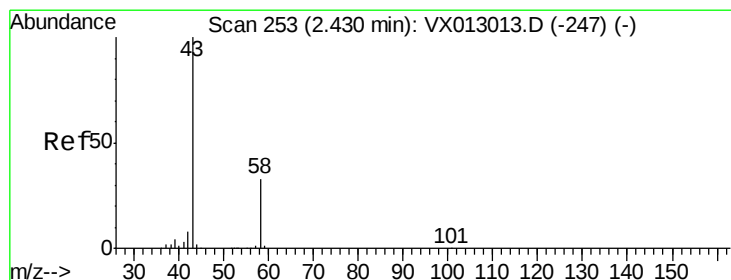
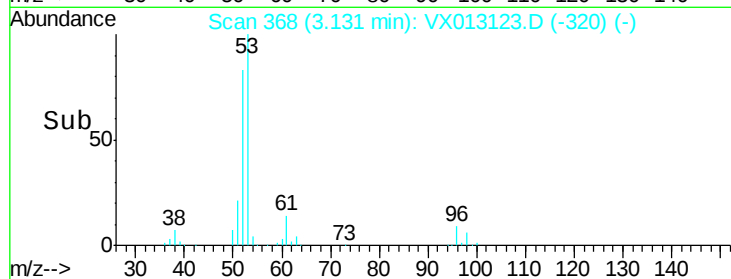
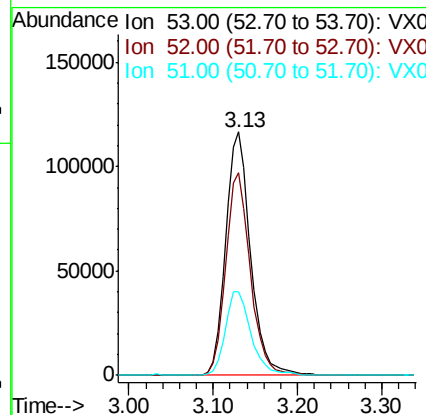
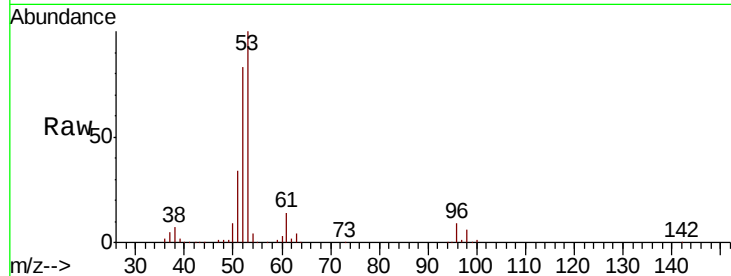
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	236798
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.2	99.2
51	35.9	28.2	42.4

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#16

Acetone

Concen: 248.343 ug/l

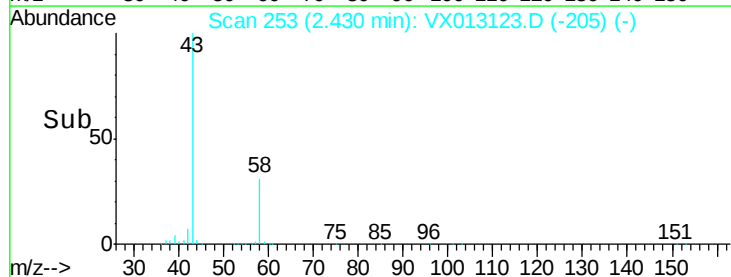
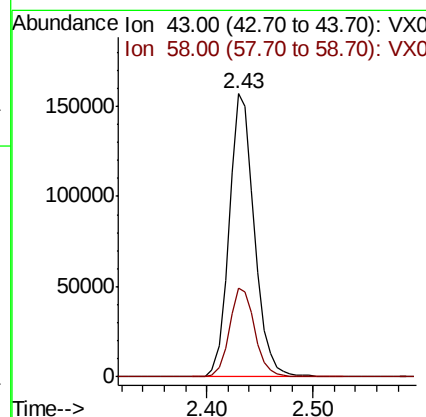
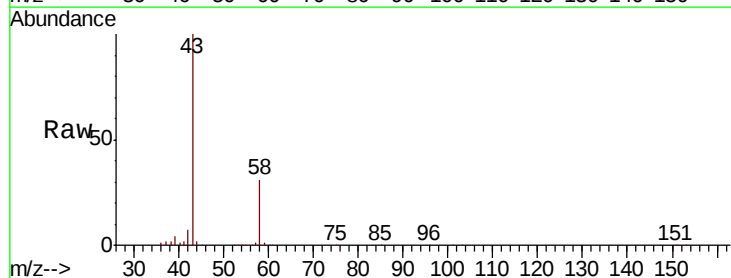
RT: 2.43 min Scan# 253

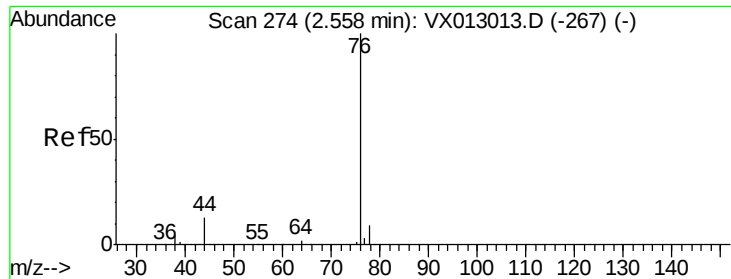
Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Tgt Ion:	43	Resp:	258029
Ion Ratio	Lower	Upper	
43	100		
58	31.3	25.4	38.2





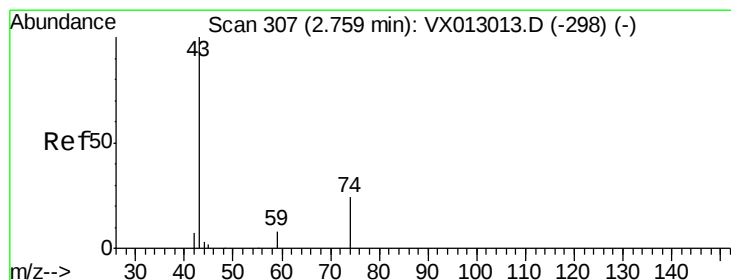
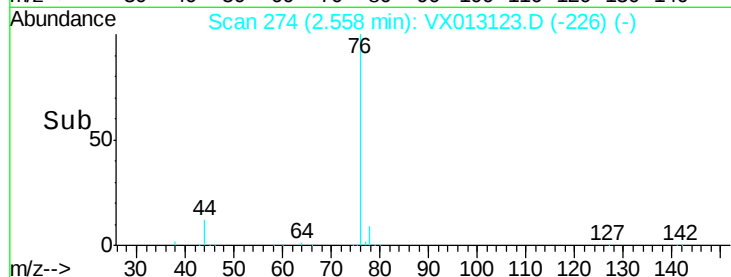
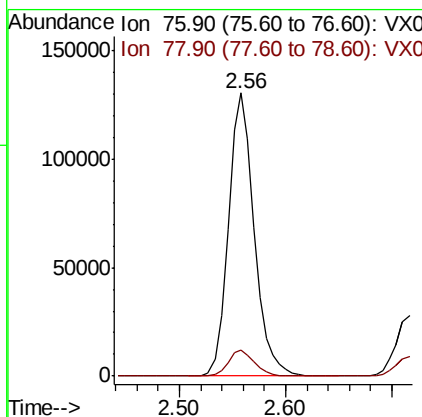
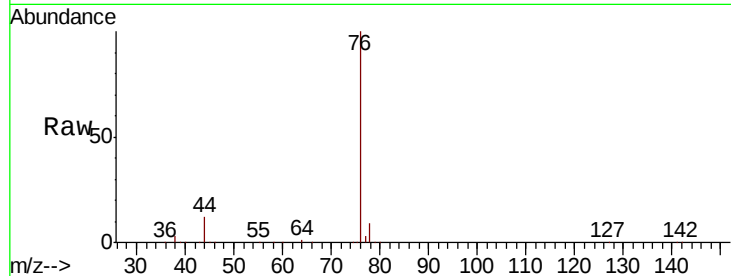
#17
Carbon Disulfide
Concen: 48.546 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

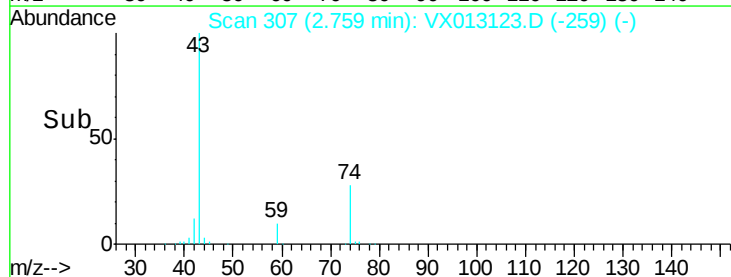
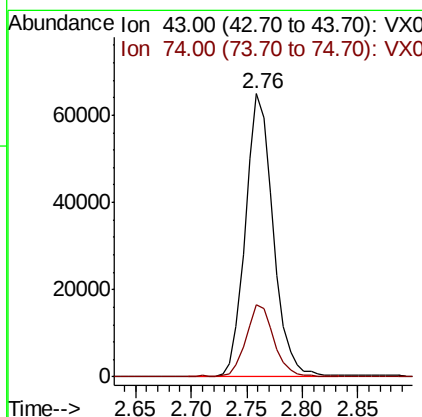
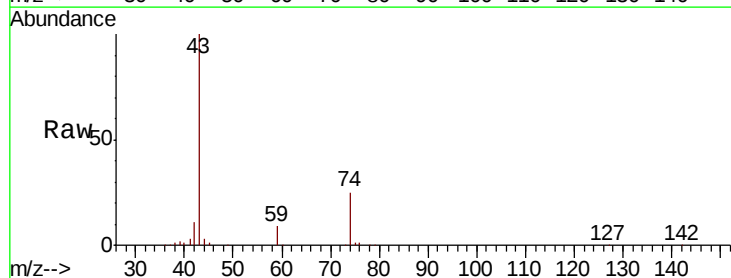
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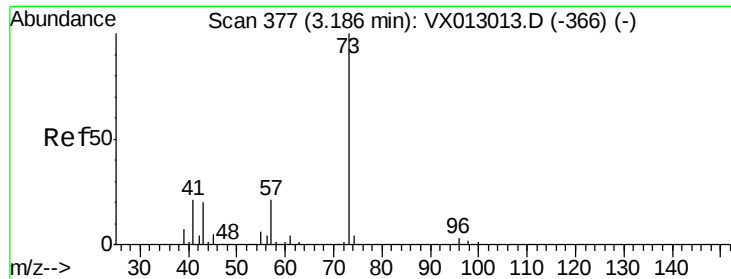
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#18
Methyl Acetate
Concen: 45.714 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.9	19.2	28.8





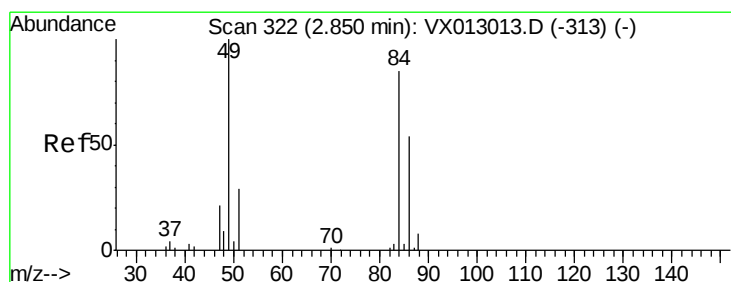
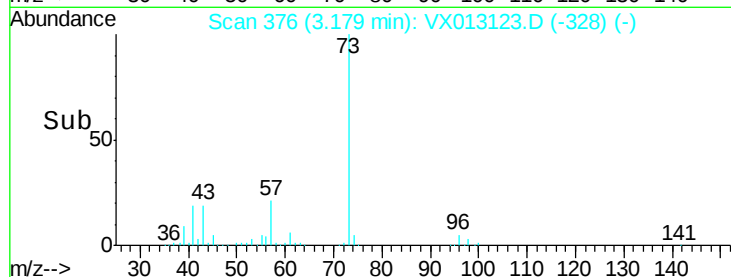
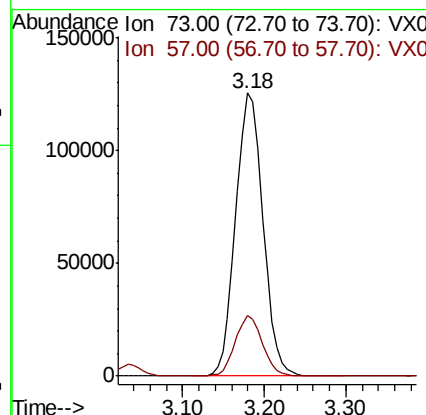
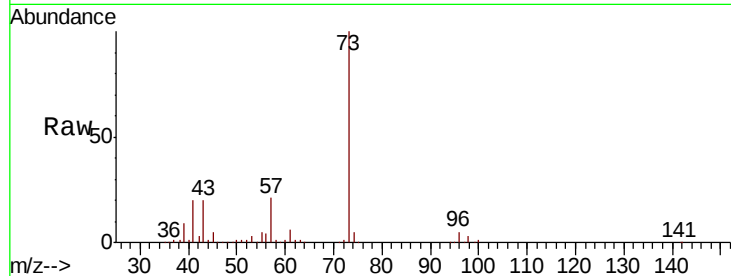
#19
Methyl tert-butyl Ether
Concen: 52.801 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.8	26.6

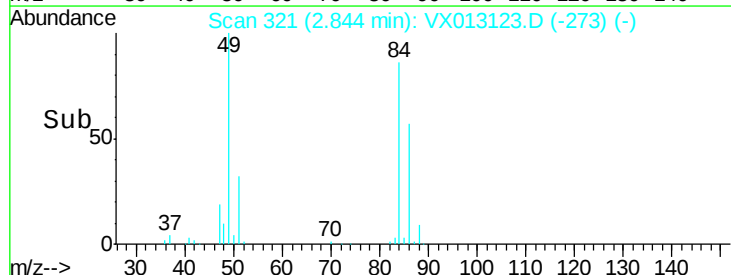
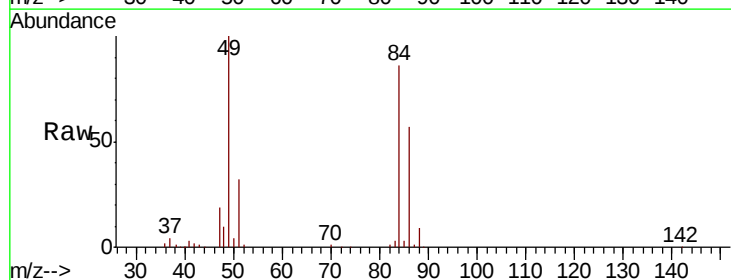
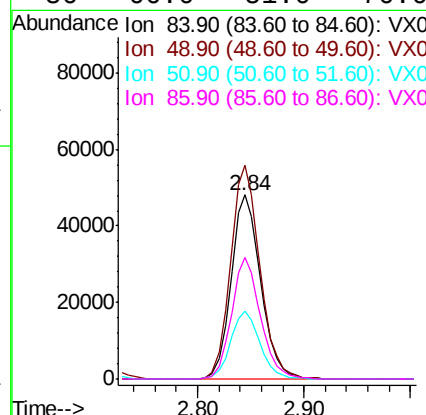
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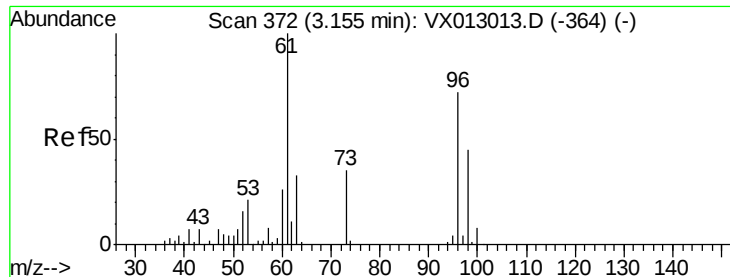
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#20
Methylene Chloride
Concen: 48.922 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.2	96.6	144.8
51	36.8	30.7	46.1
86	66.0	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 52.686 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

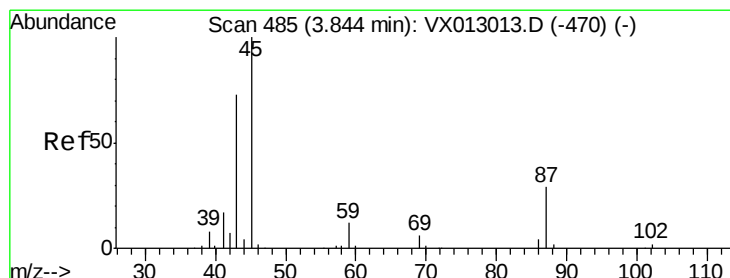
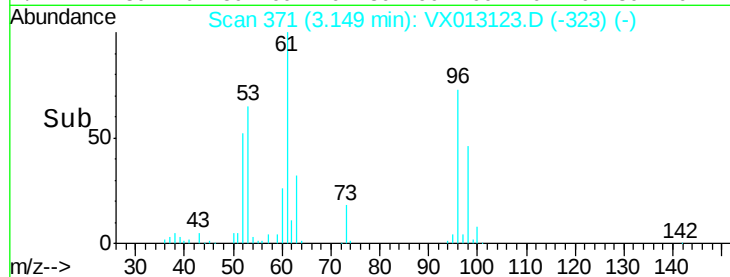
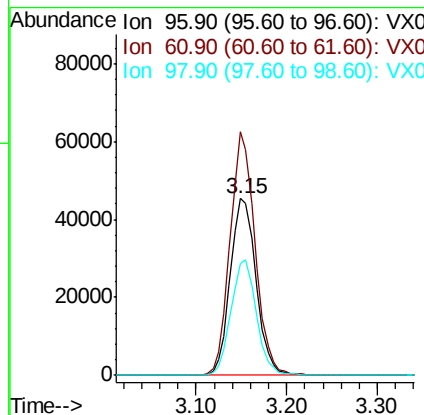
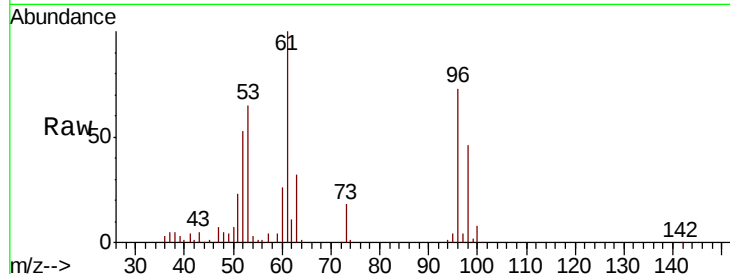
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	89998
Ion	Ratio	Lower	Upper
96	100		
61	137.8	110.4	165.6
98	63.6	51.5	77.3

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#22

Diisopropyl ether

Concen: 49.133 ug/l

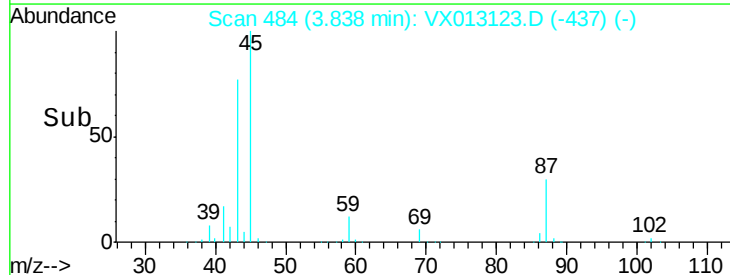
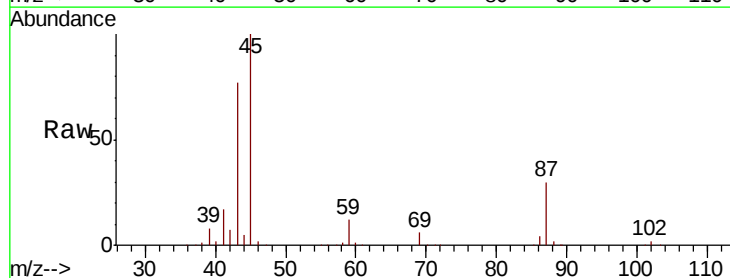
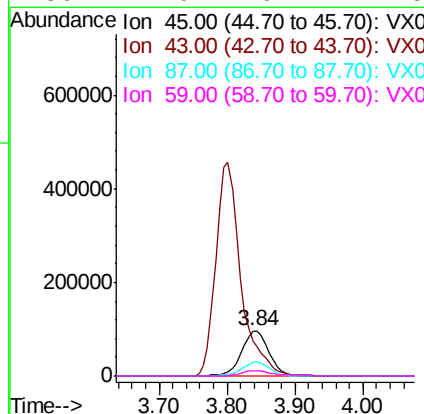
RT: 3.84 min Scan# 484

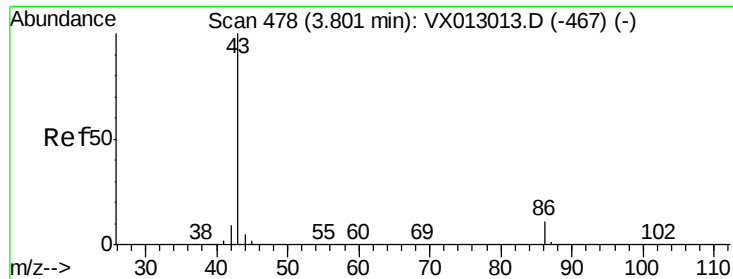
Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Tgt Ion:	45	Resp:	267214
Ion	Ratio	Lower	Upper
45	100		
43	76.9	51.4	77.0
87	30.4	22.5	33.7
59	11.9	9.7	14.5





#23

Vinyl Acetate

Concen: 249.242 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1170184

Ion Ratio Lower Upper

43 100

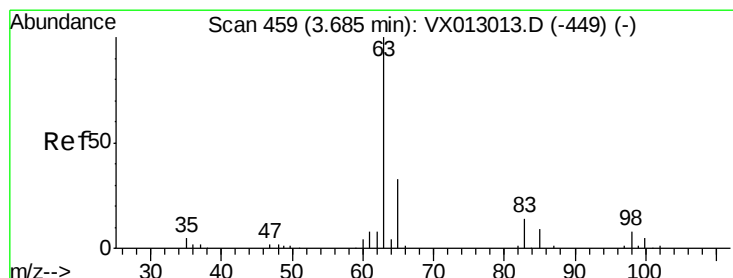
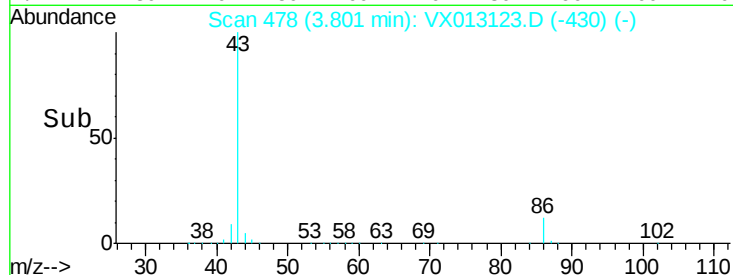
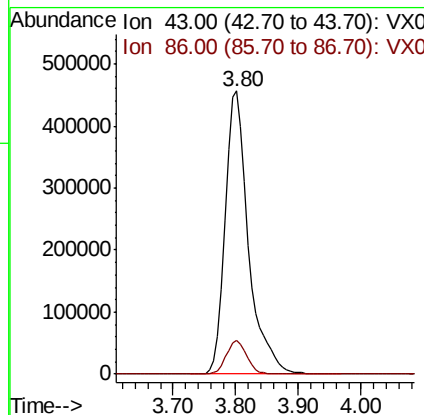
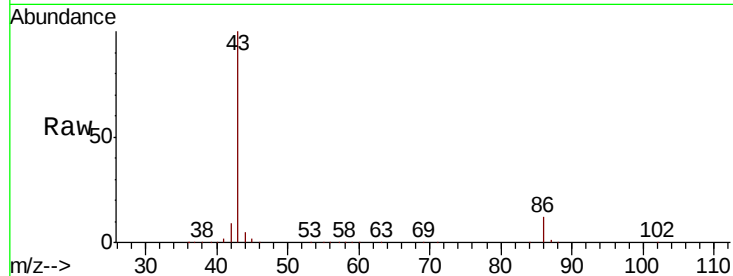
86 11.9 9.0 13.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.744 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

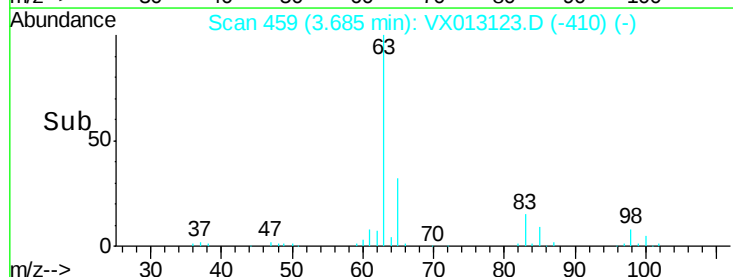
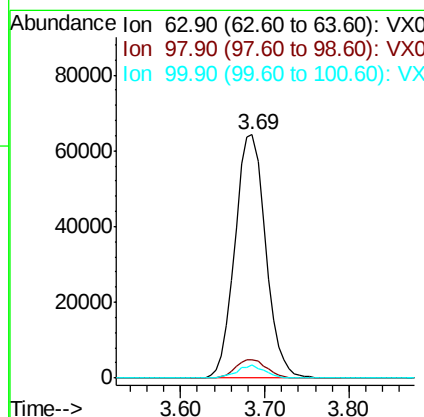
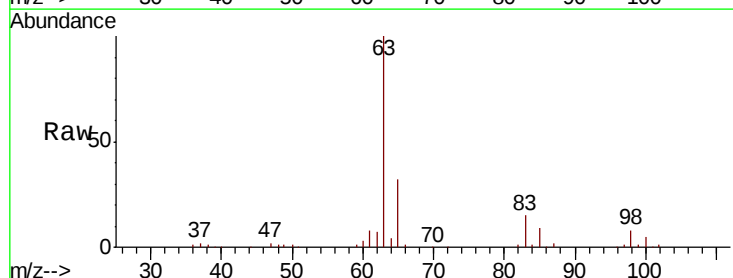
Tgt Ion: 63 Resp: 158316

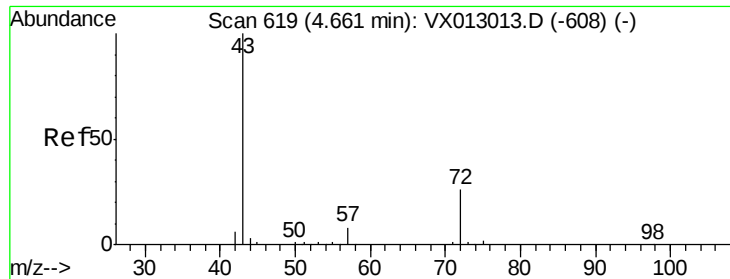
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

100 5.3 2.3 6.9





#25

2-Butanone

Concen: 233.020 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 335893

Ion Ratio Lower Upper

43 100

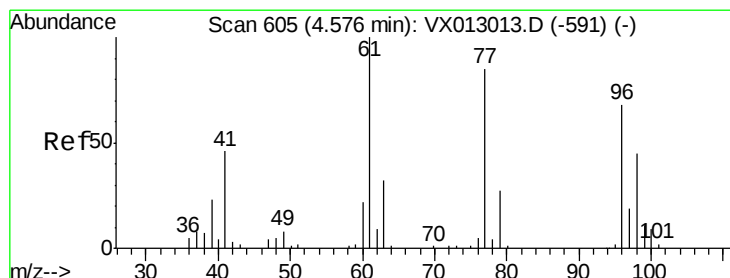
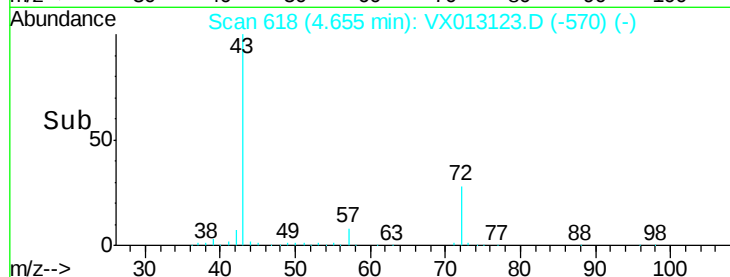
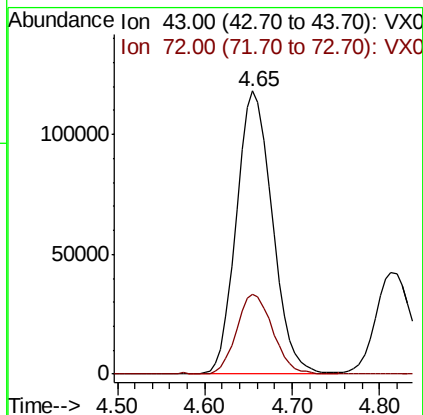
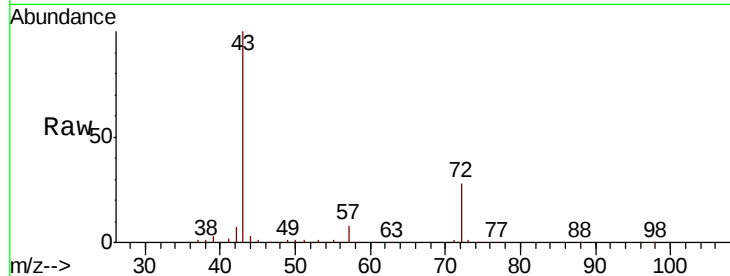
72 28.2 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 54.697 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX013123.D

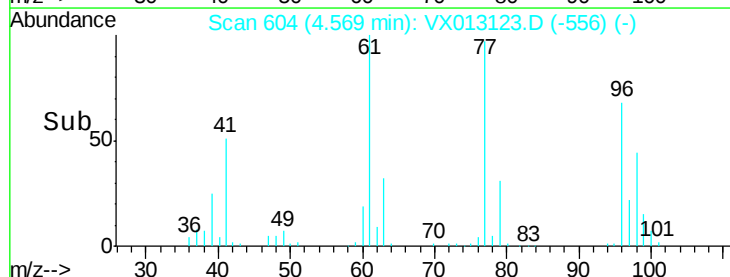
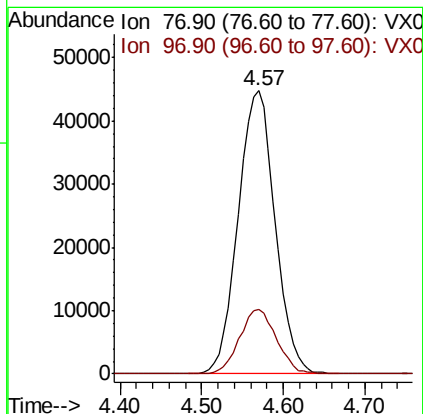
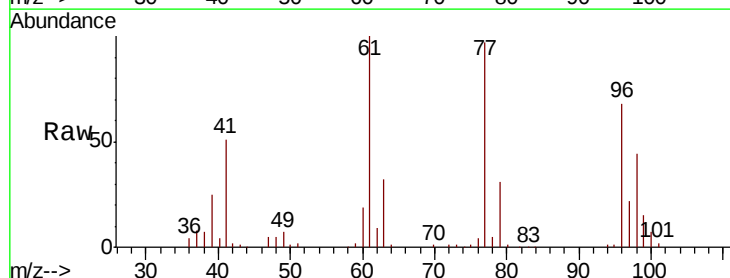
Acq: 18 Oct 2019 13:10

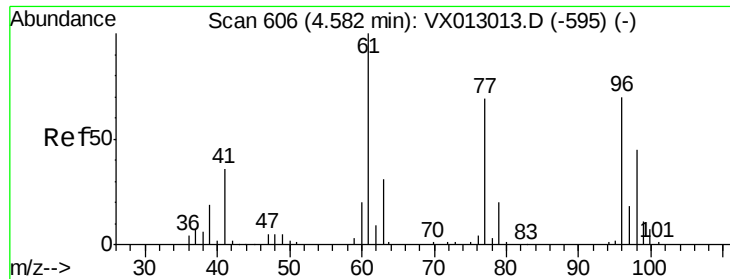
Tgt Ion: 77 Resp: 140728

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.9





#27

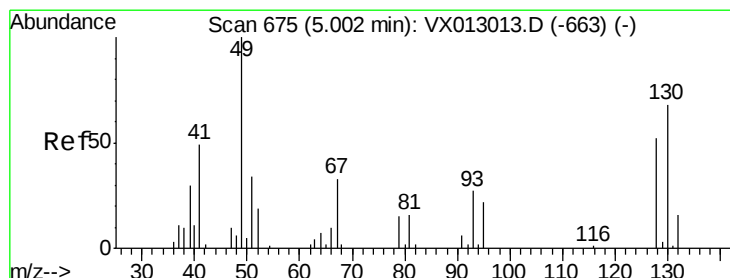
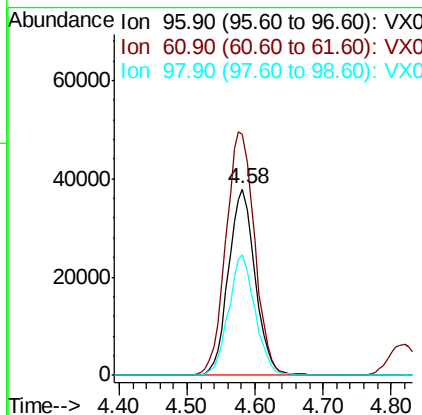
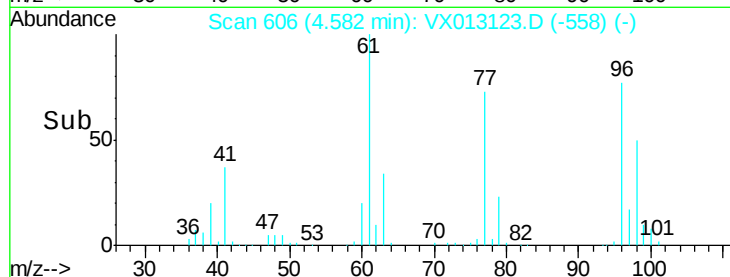
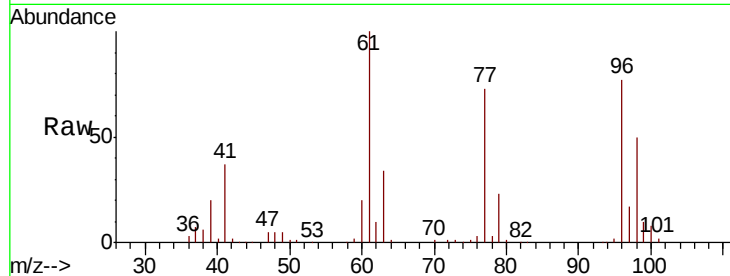
cis-1,2-Dichloroethene
Concen: 52.298 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	102976		
61	141.6		0.0	290.6
98	64.5		0.0	128.8

Manual Integrations
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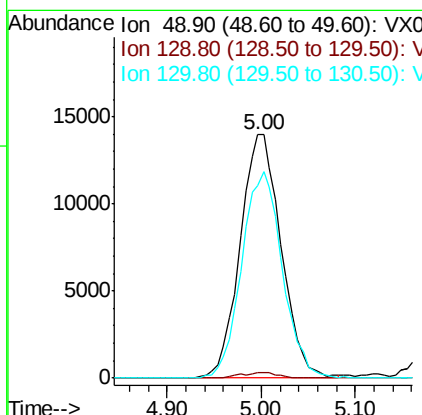
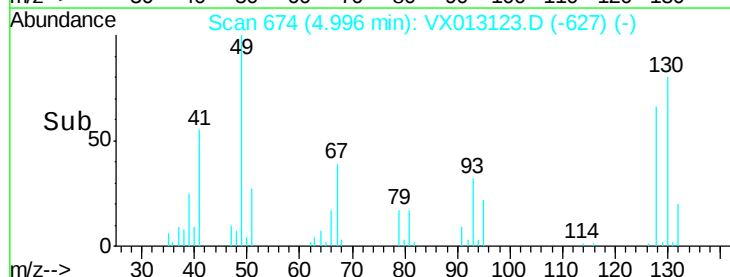
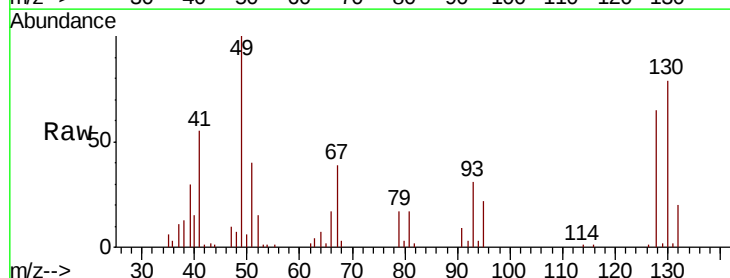
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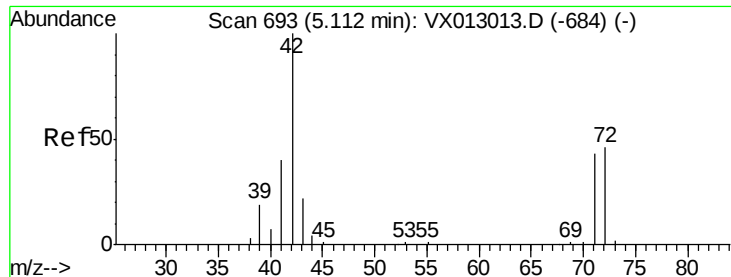


#28

Bromochloromethane
Concen: 46.352 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	42413		
129	2.1		0.0	4.2
130	84.0		62.1	93.1





#29

Tetrahydrofuran

Concen: 228.758 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

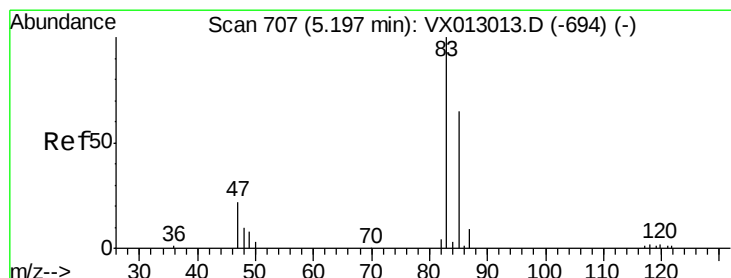
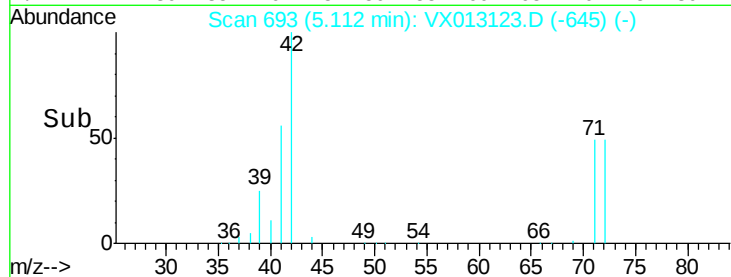
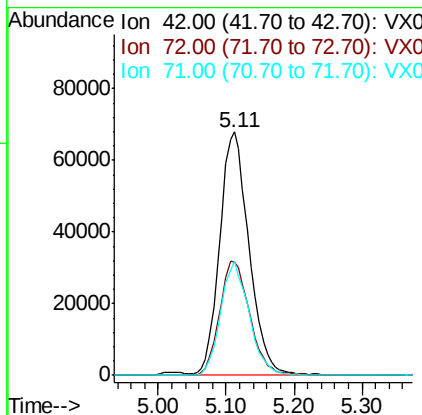
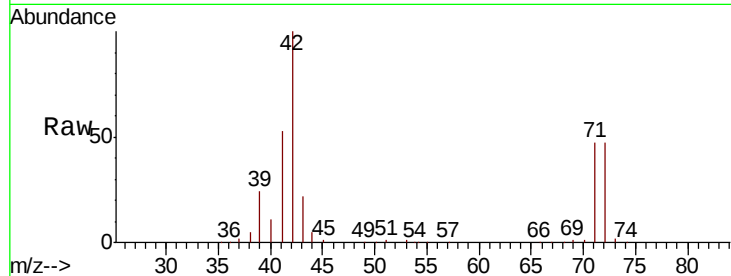
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	202916
Ion	Ratio	Lower	Upper
42	100		
72	48.4	36.9	55.3
71	45.3	33.5	50.3

Manual Integrations
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#30

Chloroform

Concen: 52.026 ug/l

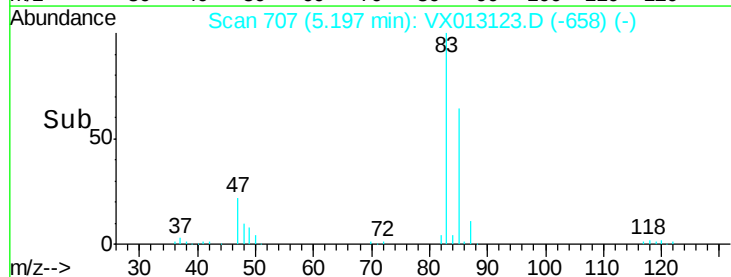
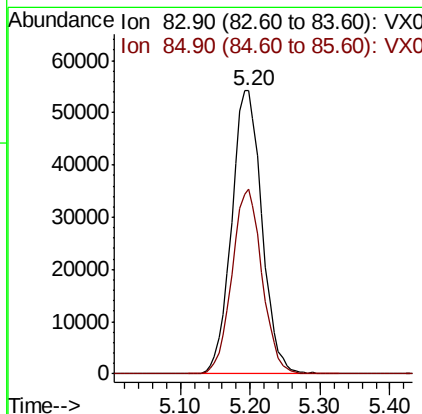
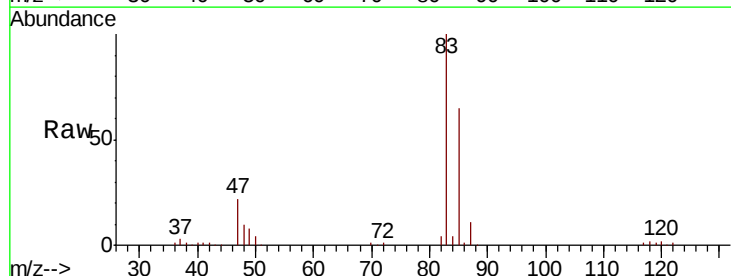
RT: 5.20 min Scan# 707

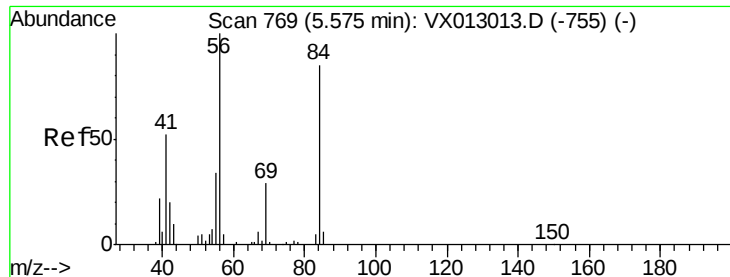
Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Tgt Ion:	83	Resp:	163331
Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.5	77.3





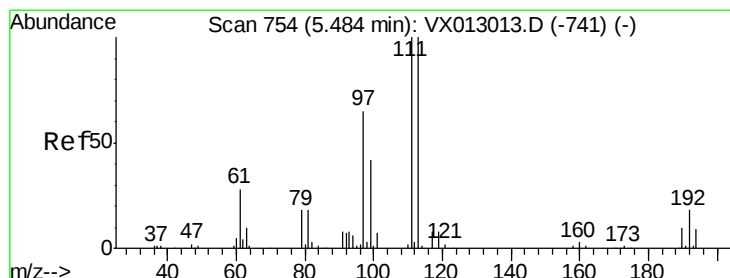
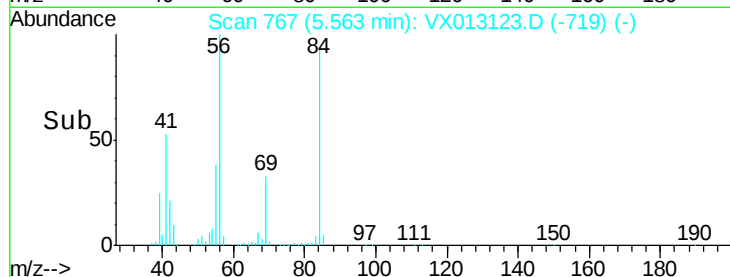
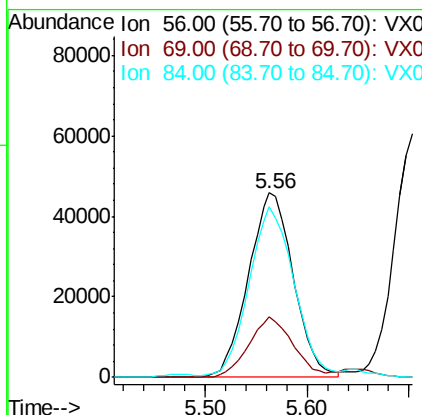
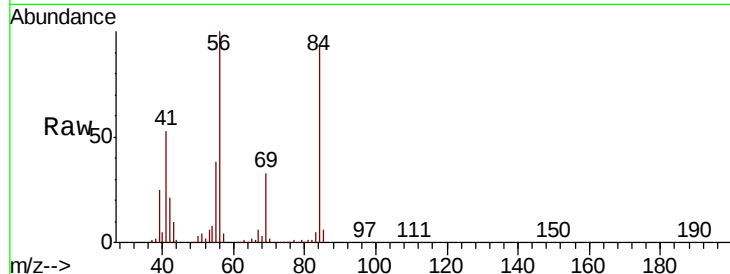
#31
Cyclohexane
Concen: 49.099 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	25.2	37.8
84	90.9	71.3	106.9

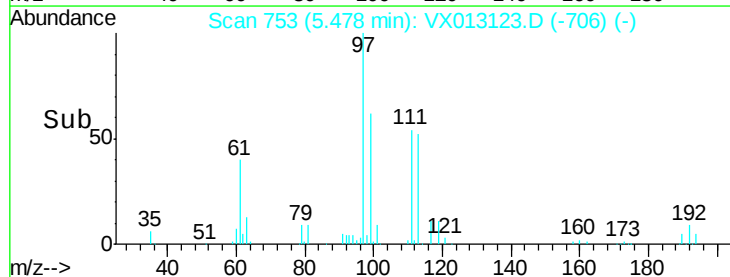
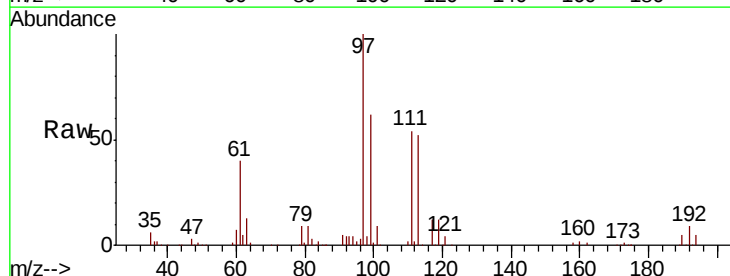
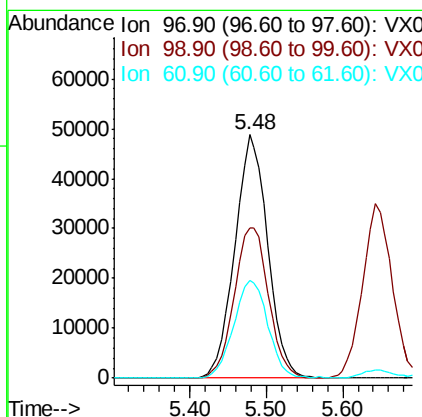
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#32
1,1,1-Trichloroethane
Concen: 54.592 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.3	78.5
61	41.7	35.0	52.4





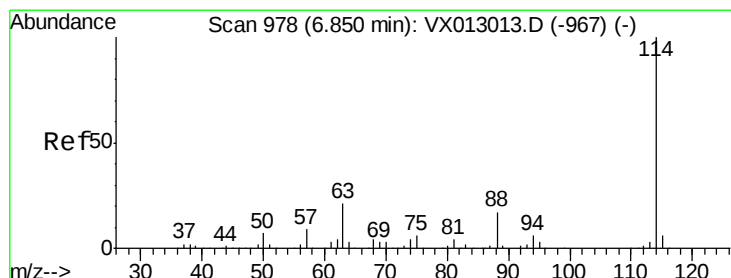
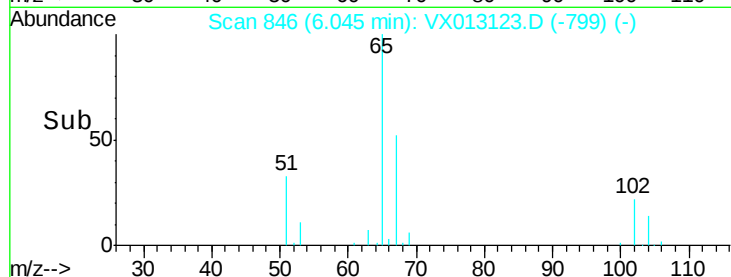
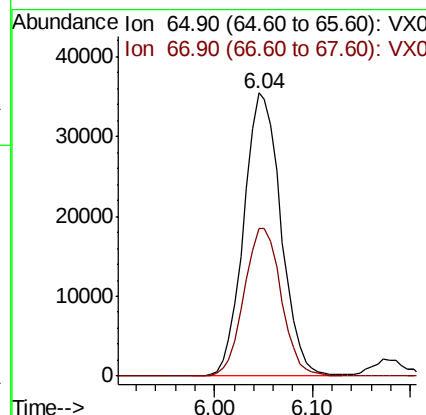
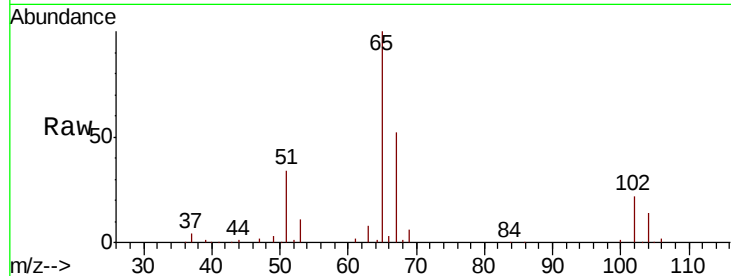
#33
 1,2-Dichloroethane-d4
 Concen: 47.513 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.4

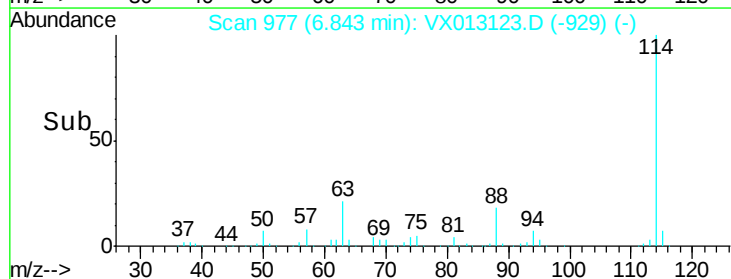
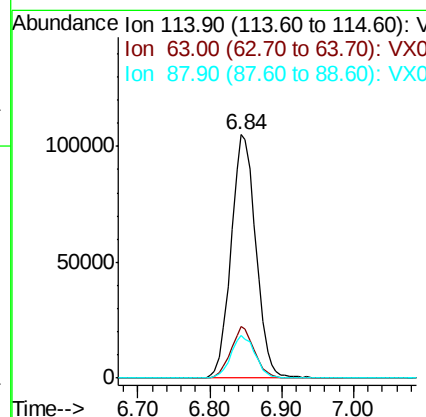
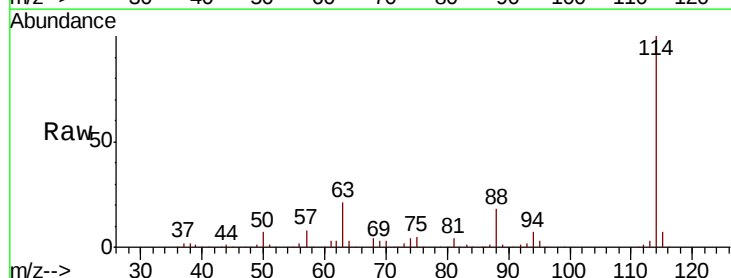
Manual Integrations
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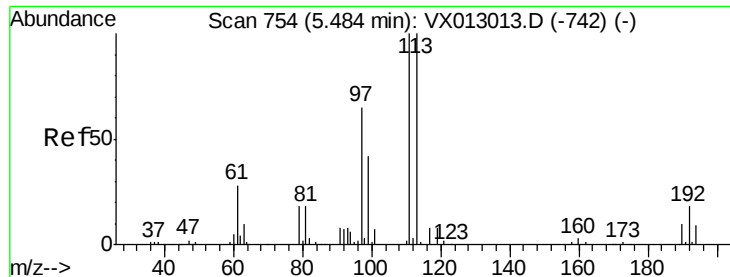
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.8
88	17.6	0.0	33.8





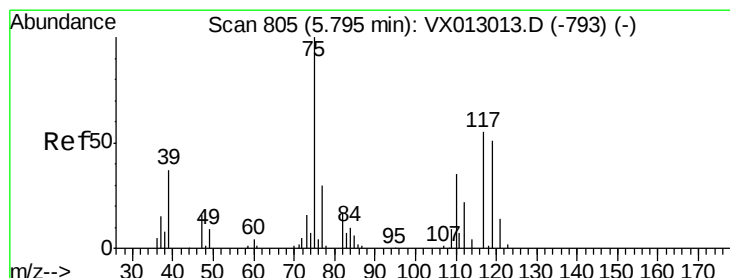
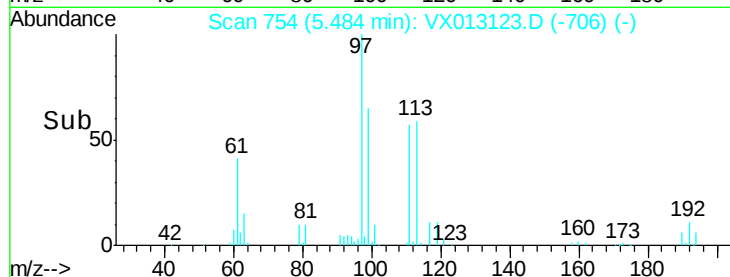
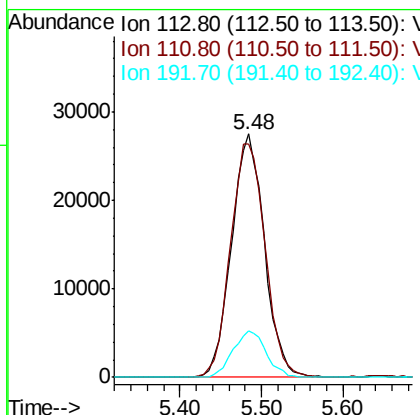
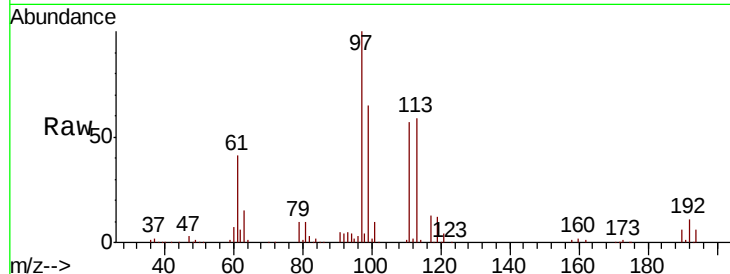
#35
 Dibromofluoromethane
 Concen: 53.011 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	76598		
111	101.2		83.2	124.8
192	19.3		15.4	23.2

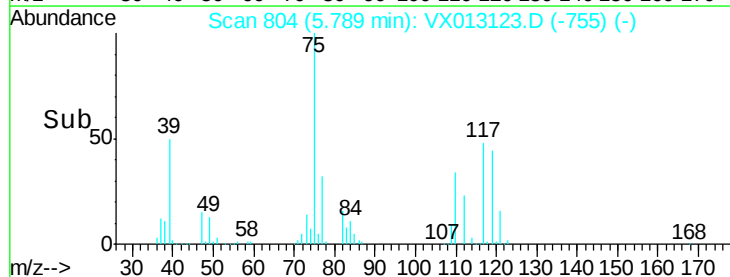
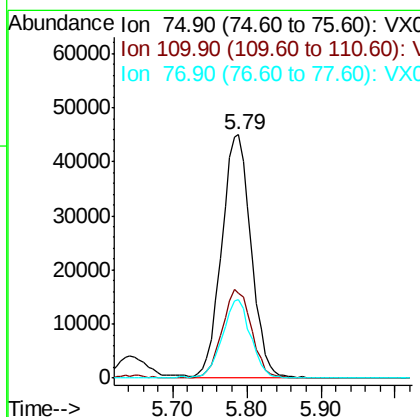
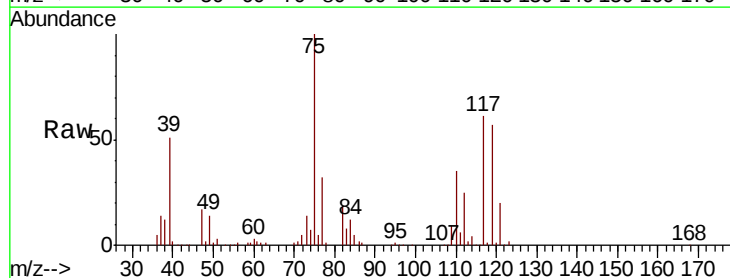
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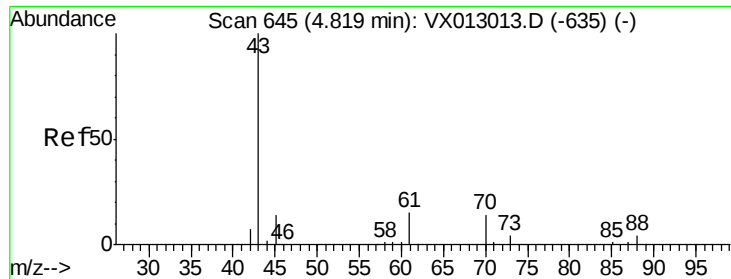
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#36
 1,1-Dichloropropene
 Concen: 55.984 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	123917		
110	36.4		17.6	52.9
77	31.1		24.4	36.6





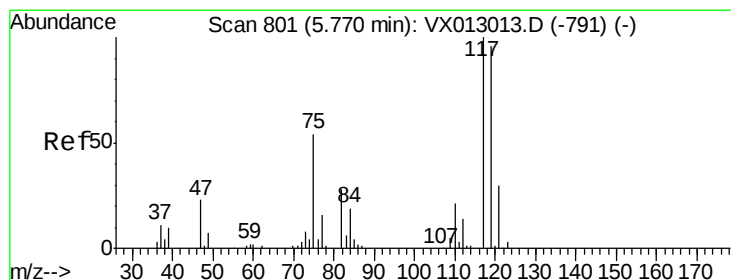
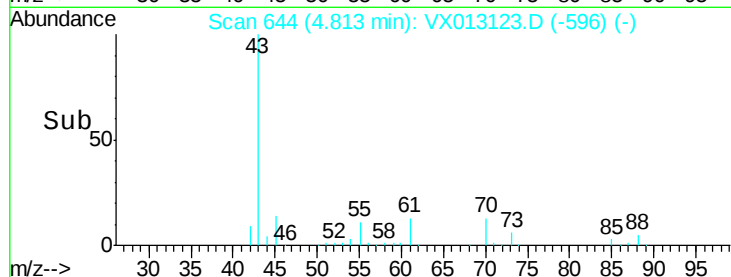
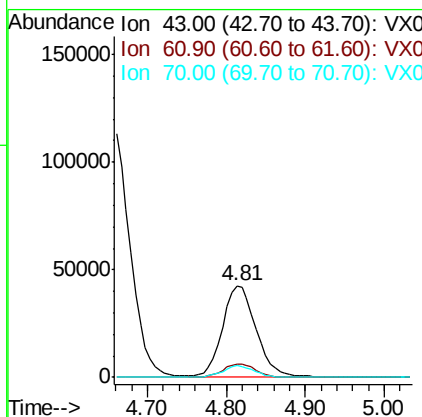
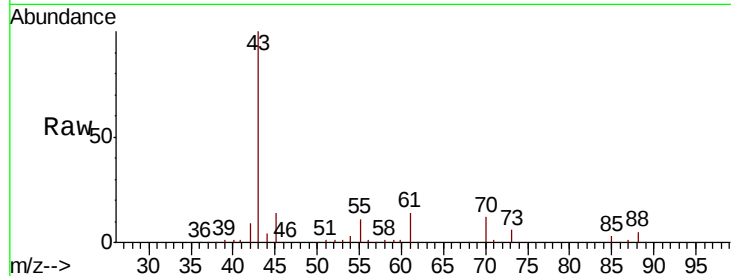
#37
Ethyl Acetate
Concen: 50.313 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.4	17.0
70	12.5	9.8	14.6

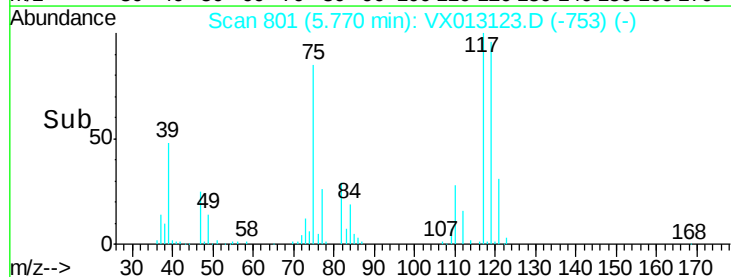
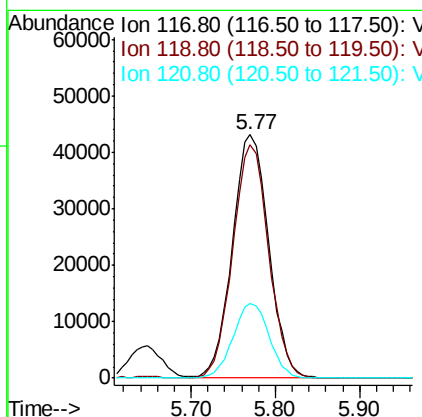
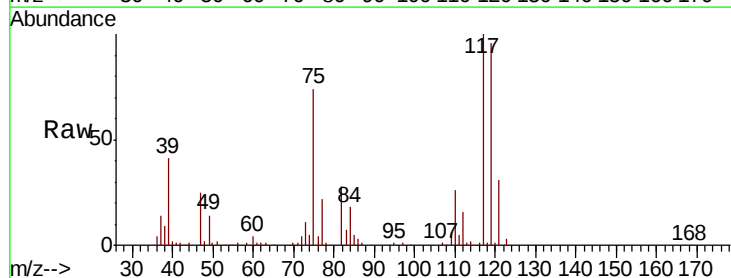
Manual Integrations
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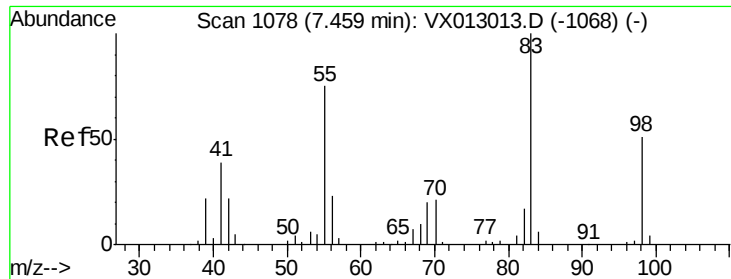
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#38
Carbon Tetrachloride
Concen: 58.491 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	74.5	111.7
121	30.5	24.2	36.4





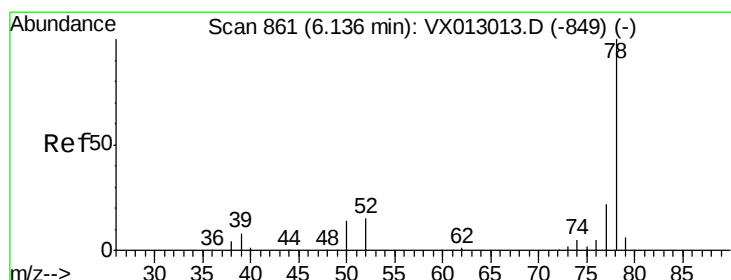
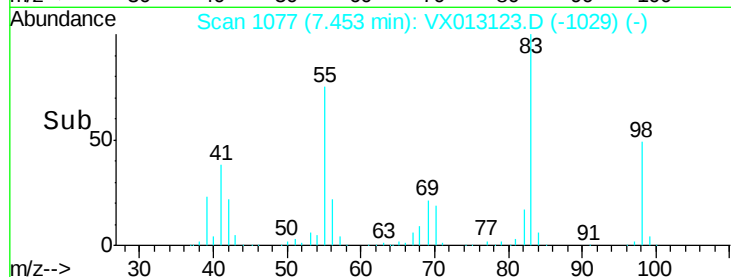
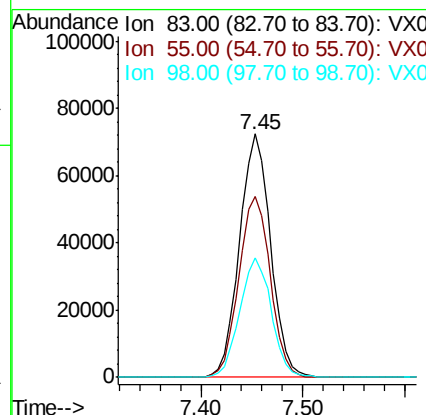
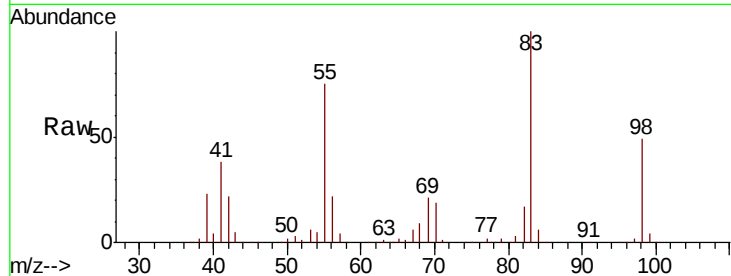
#39
Methvlcvclohexane
Concen: 57.045 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	74.5	60.2	90.4	
98	48.8	38.5	57.7	

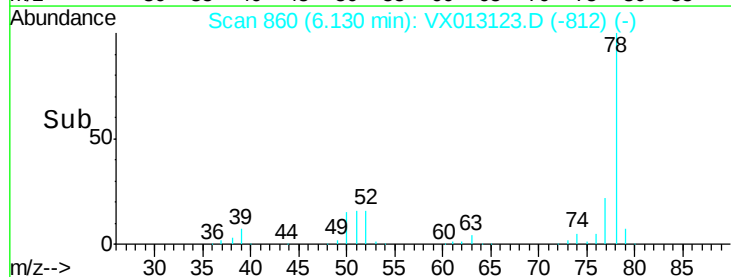
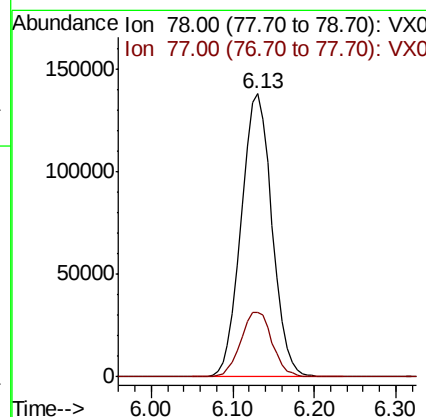
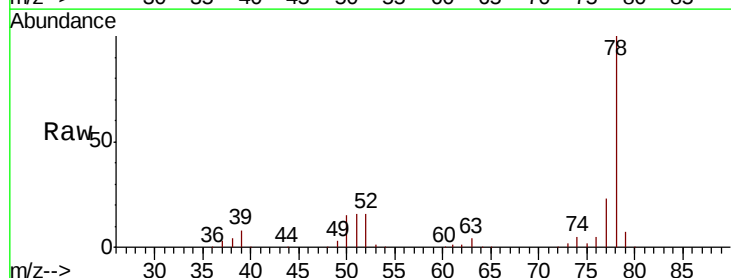
Manual Integrations
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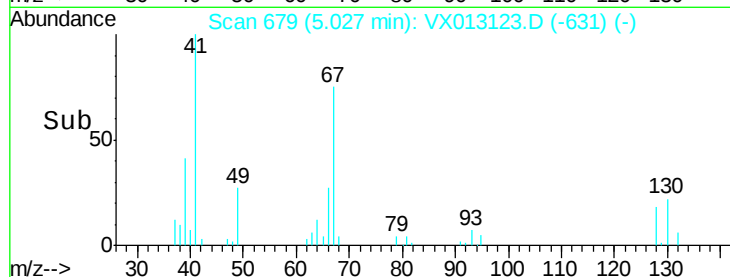
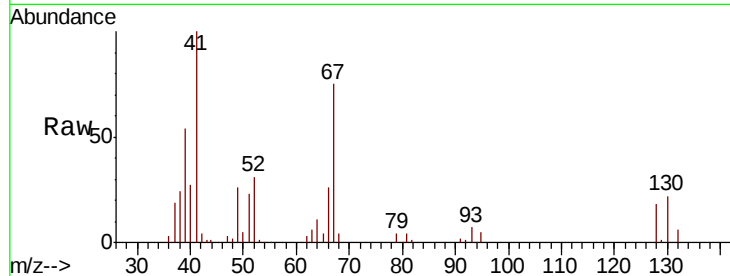
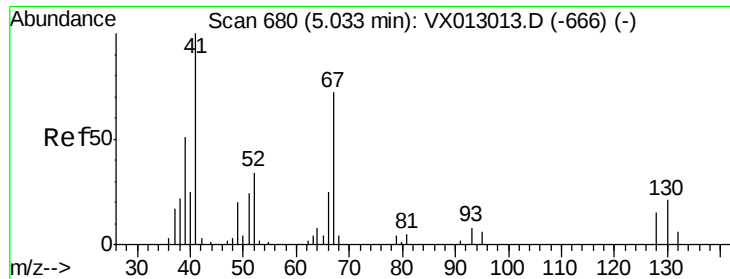
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#40
Benzene
Concen: 55.374 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.6	19.0	28.4	





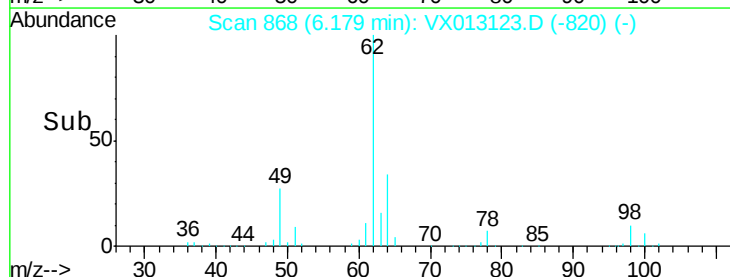
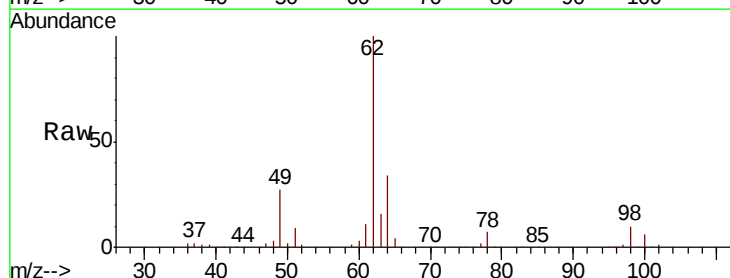
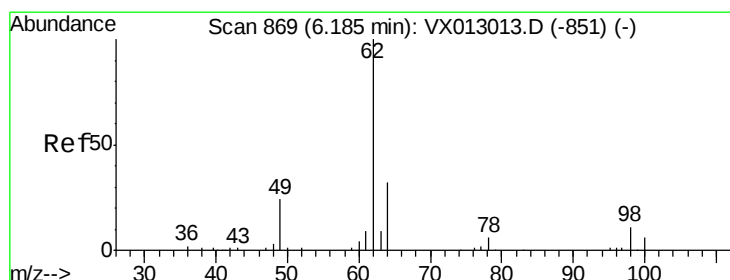
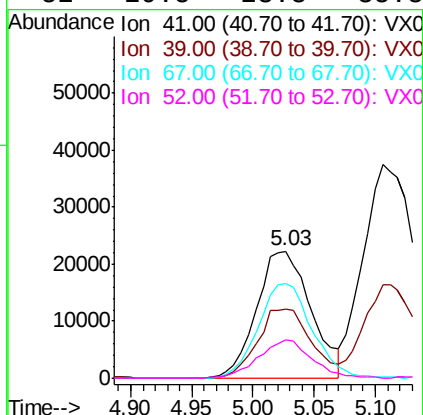
#41
Methacrylonitrile
Concen: 50.829 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		69128		
39	54.0	44.0	66.0		
67	73.9	58.5	87.7		
52	29.5	23.8	35.8		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

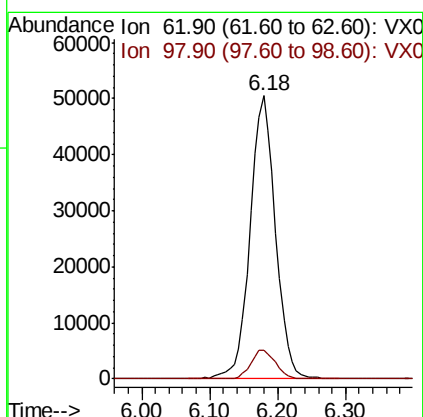
Manual Integrations
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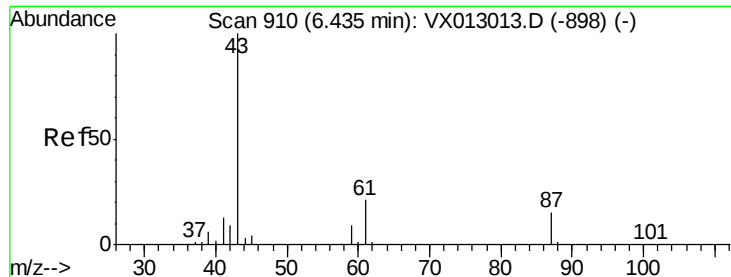
MMDadoda
10/21/2019 11:02:54 AM



#42
1,2-Dichloroethane
Concen: 56.082 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		131559		
98	9.9	0.0	20.4		





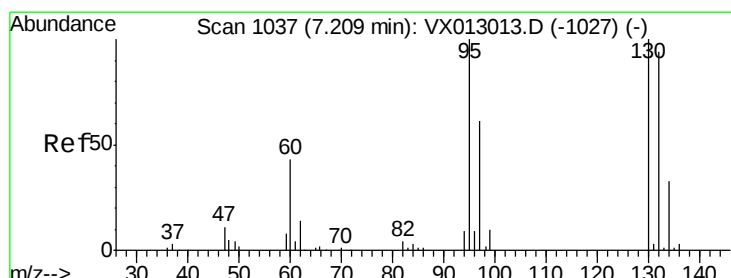
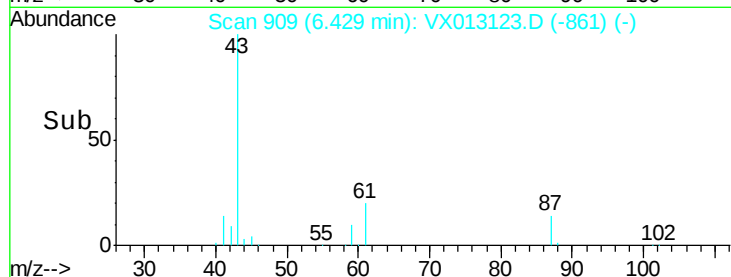
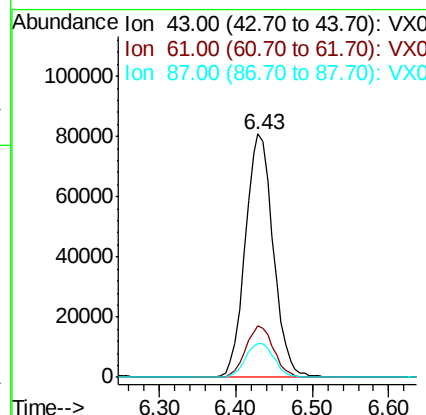
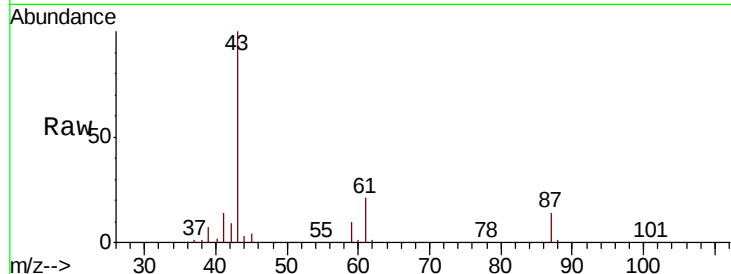
#43
Isopropyl Acetate
Concen: 51.393 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

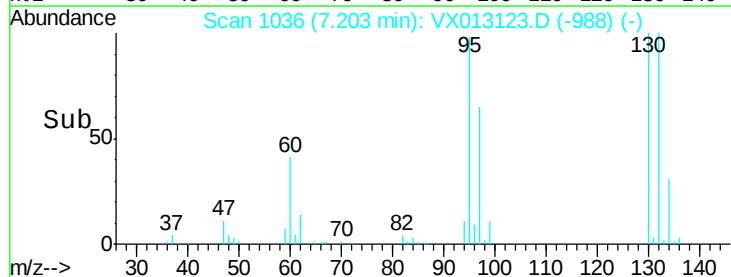
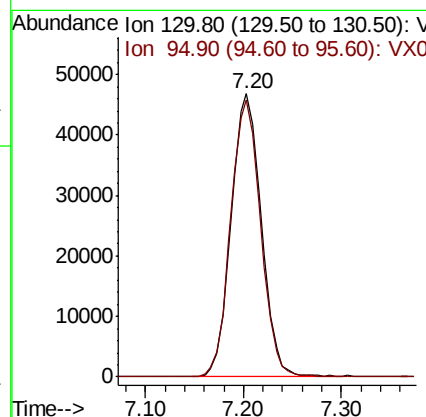
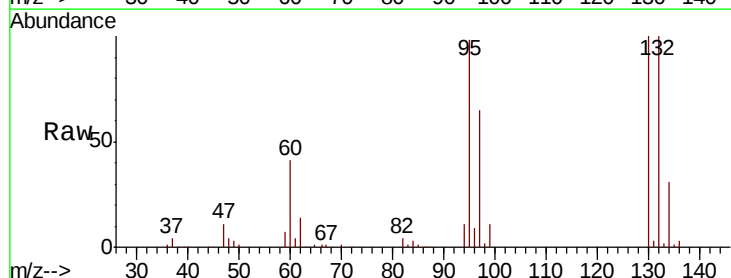
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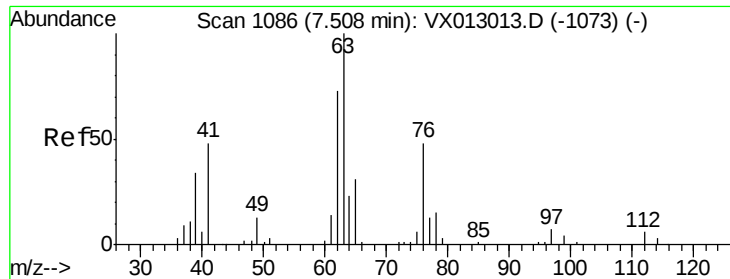
MMDadoda
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#44
Trichloroethene
Concen: 55.162 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	189.2





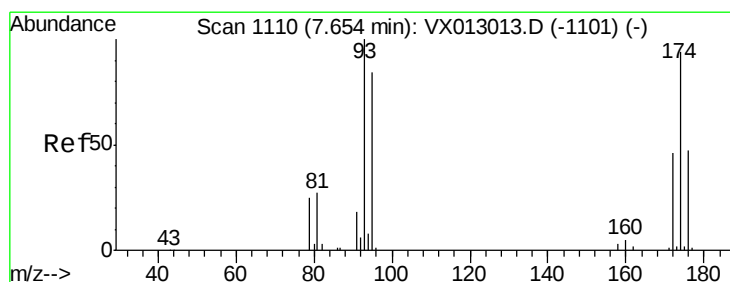
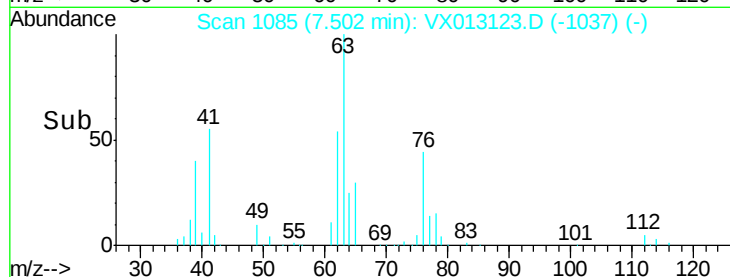
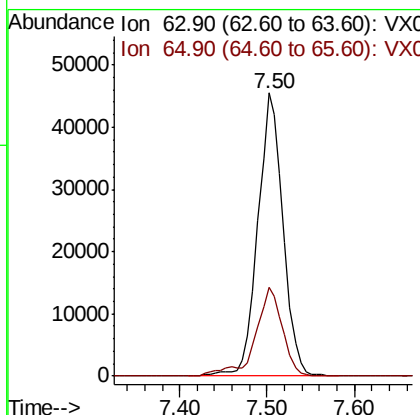
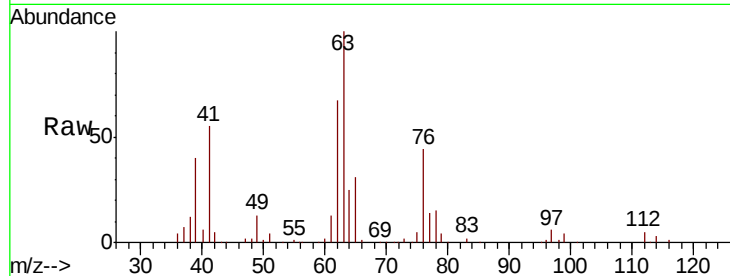
#45
 1,2-Dichloropropane
 Concen: 54.551 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 90892
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.6 37.0

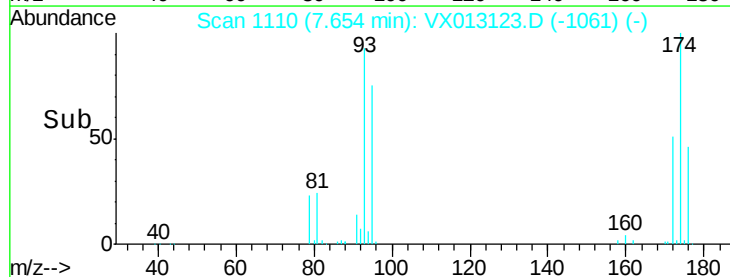
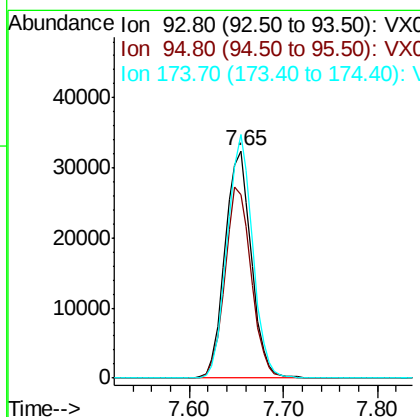
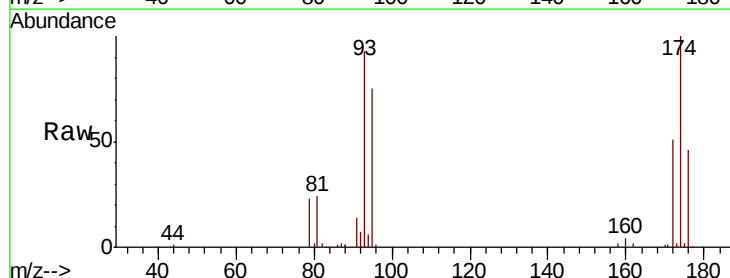
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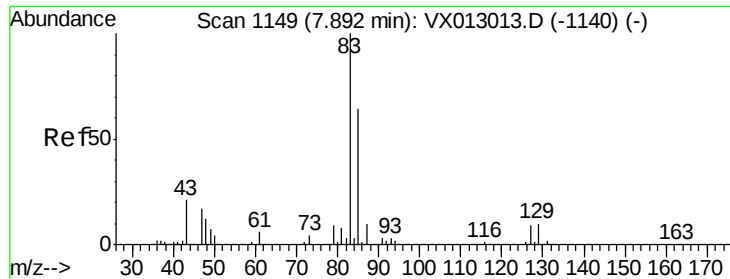
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#46
 Dibromomethane
 Concen: 56.706 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Tgt Ion: 93 Resp: 62949
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.3 99.5
 174 103.8 77.8 116.6





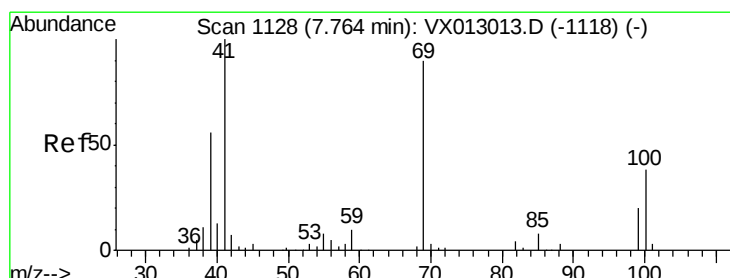
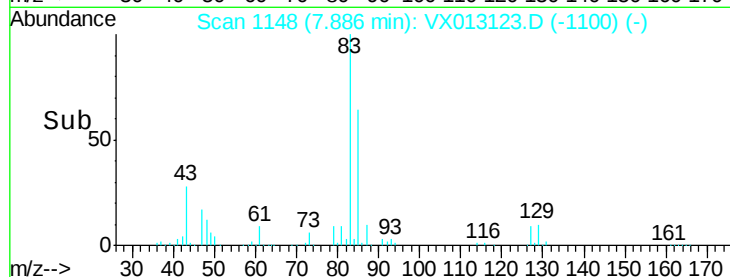
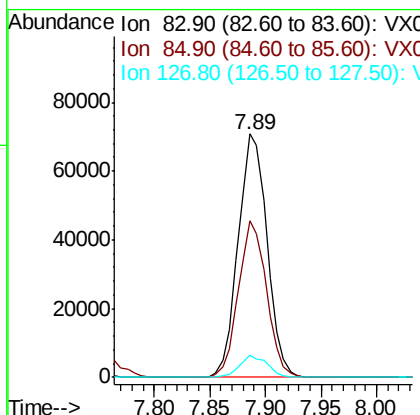
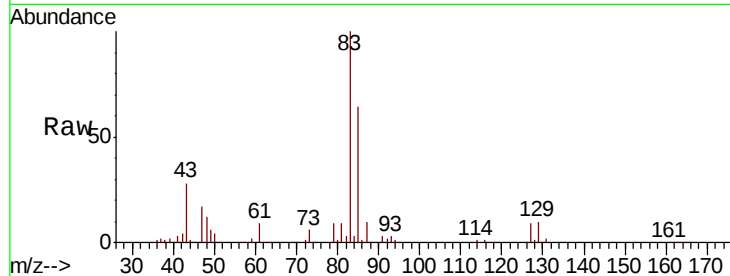
#47
Bromodichloromethane
Concen: 58.932 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	127668
Ion Ratio	100	Lower	Upper
83	100		
85	64.2	52.4	78.6
127	9.0	6.6	10.0

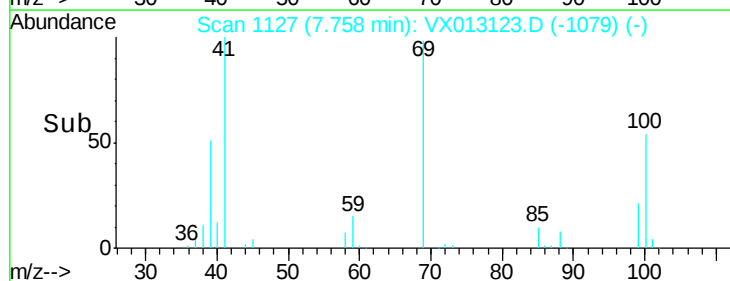
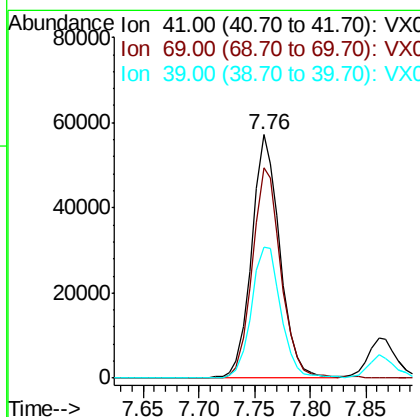
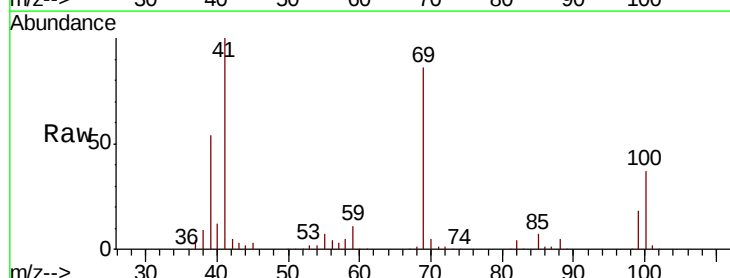
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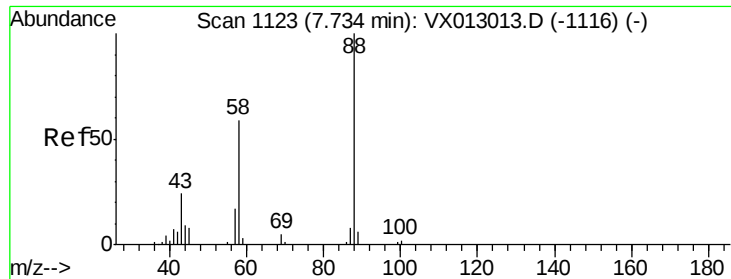
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#48
Methyl methacrylate
Concen: 52.220 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion	41	Resp	101091
Ion Ratio	100	Lower	Upper
41	100		
69	87.7	68.7	103.1
39	56.4	44.3	66.5





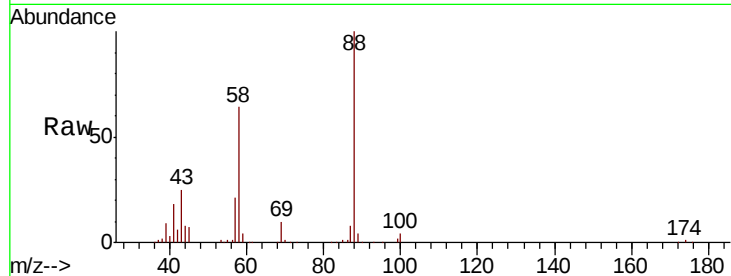
#49
1,4-Dioxane
Concen: 895.711 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

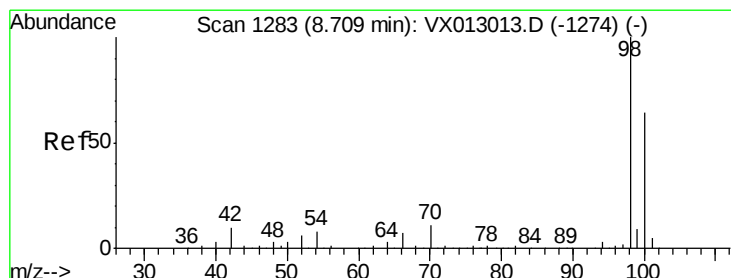
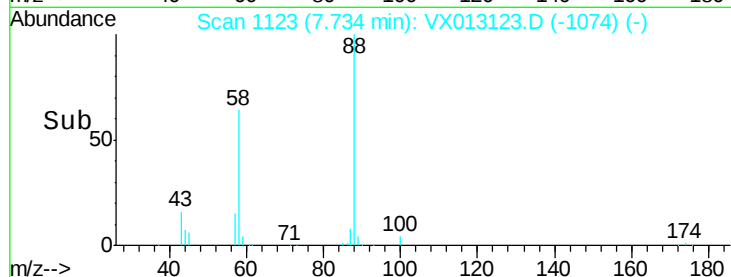
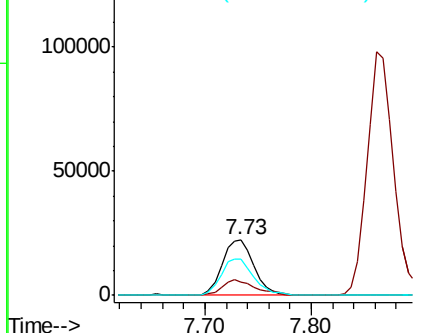
Tot Ion	Ratio	Lower	Upper
88	100		
43	31.7	25.0	37.6
58	68.7	55.4	83.2

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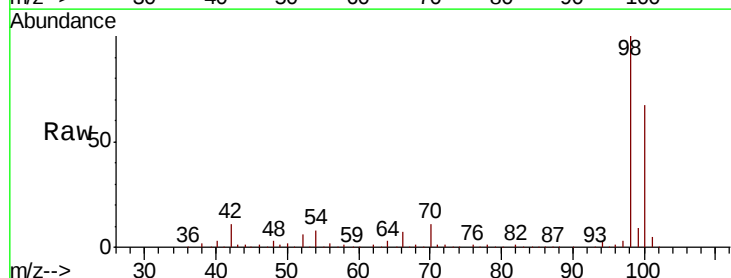


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

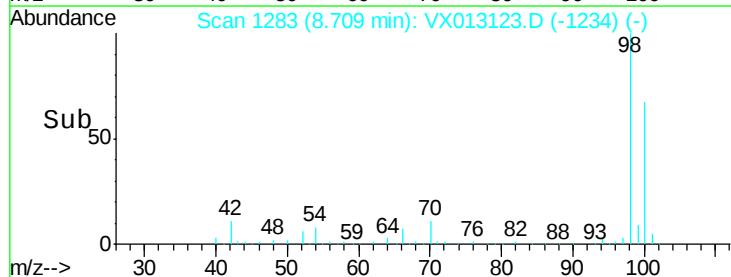
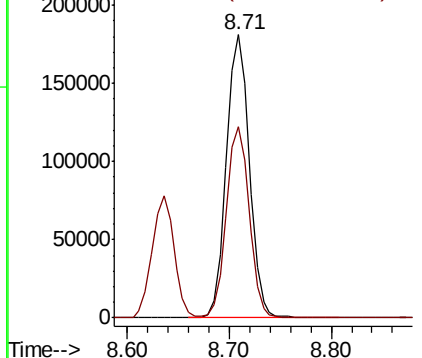


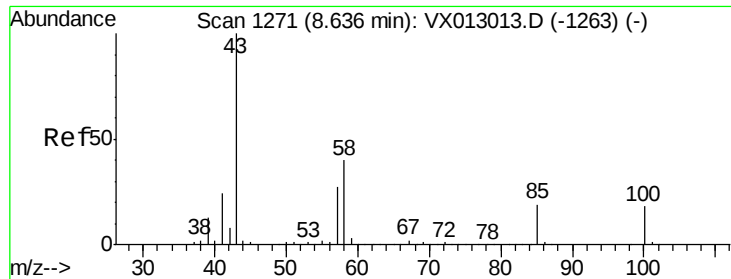
#50
Toluene-d8
Concen: 50.072 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.4	80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 256.164 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 634462

Ion Ratio Lower Upper

43 100

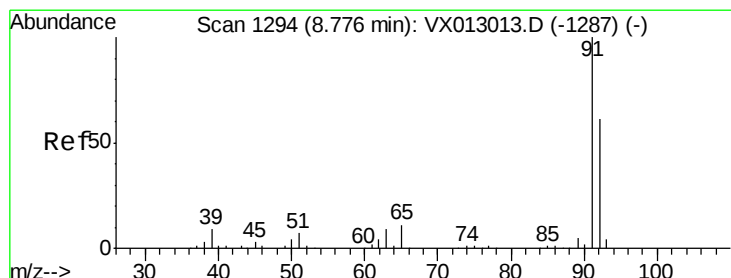
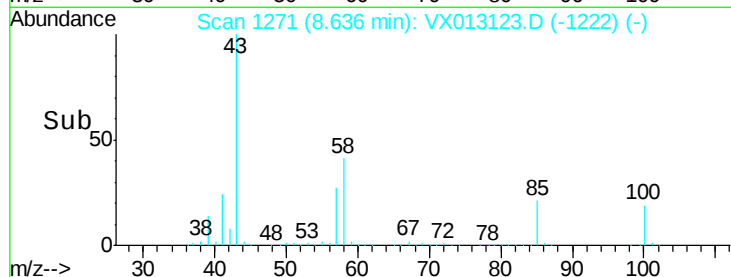
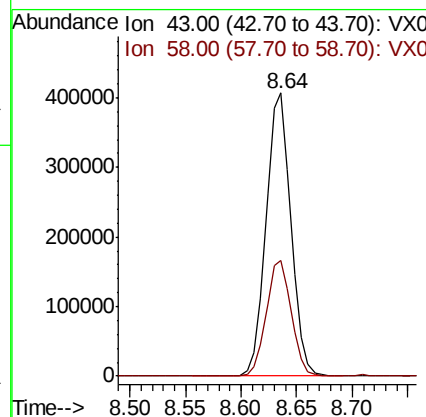
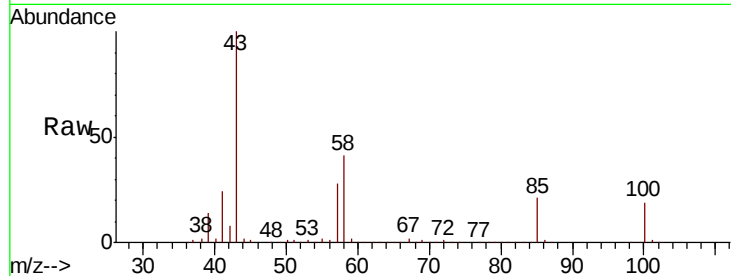
58 41.1 32.4 48.6

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#52

Toluene

Concen: 56.599 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013123.D

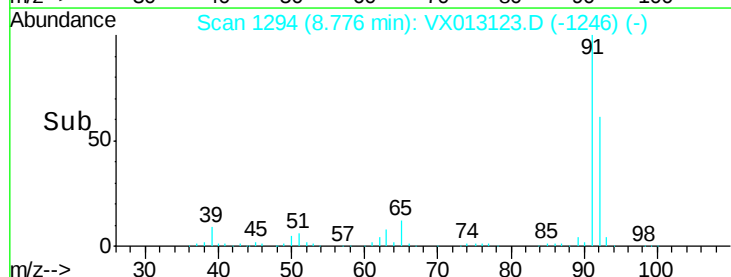
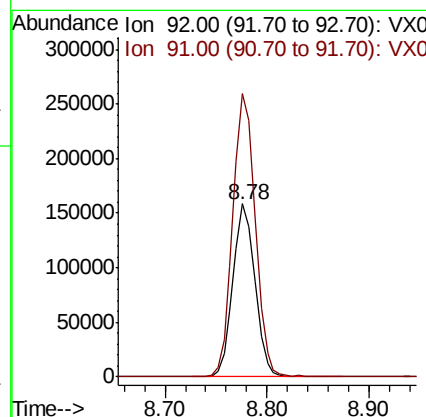
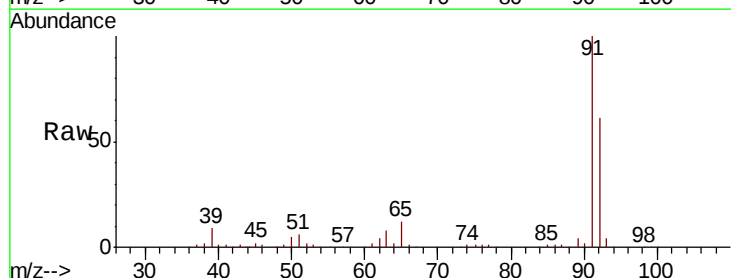
Acq: 18 Oct 2019 13:10

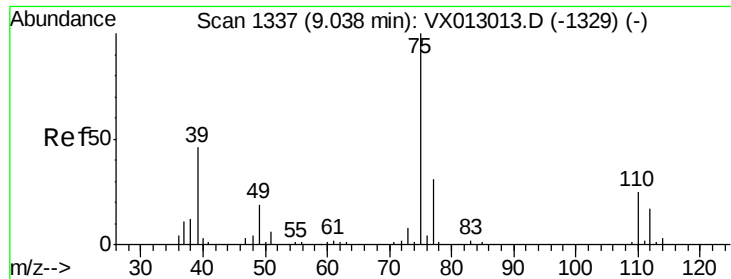
Tgt Ion: 92 Resp: 236716

Ion Ratio Lower Upper

92 100

91 167.4 135.9 203.9





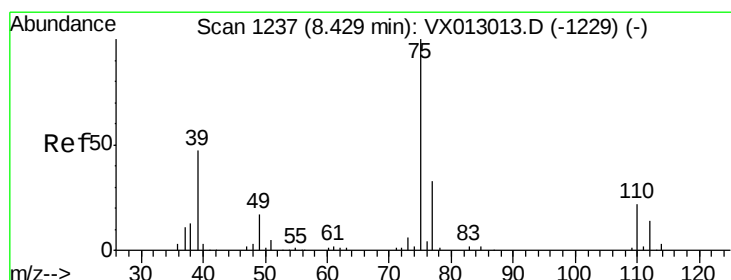
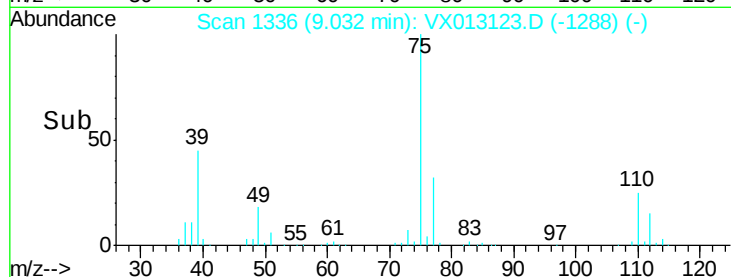
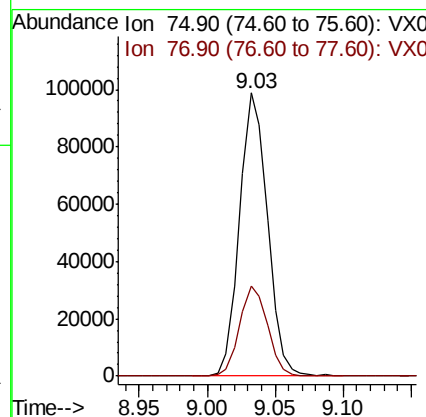
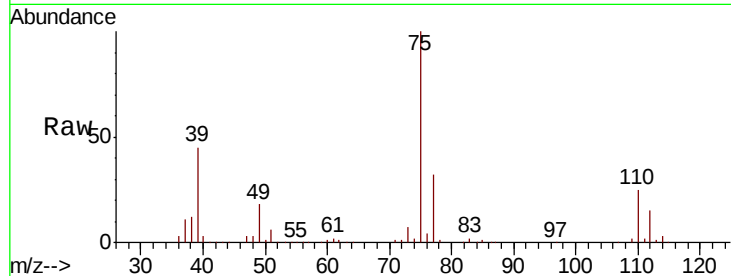
#53
t-1,3-Dichloropropene
Concen: 52.323 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 141743
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.6

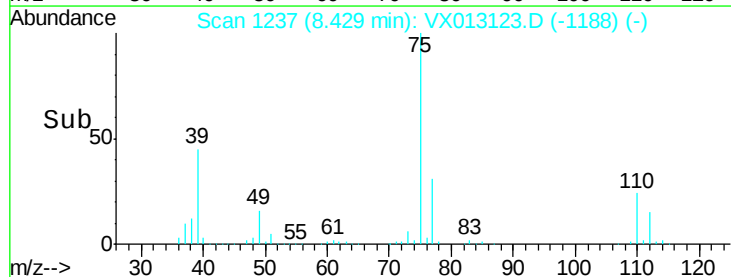
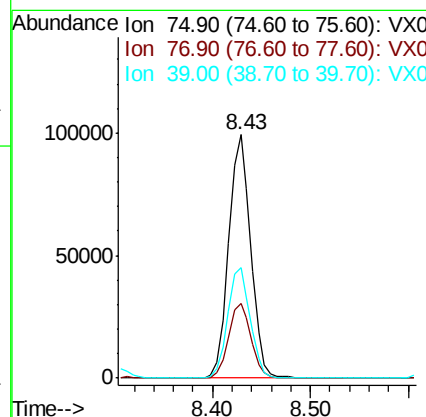
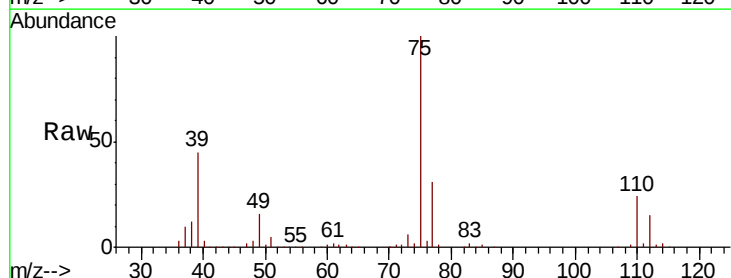
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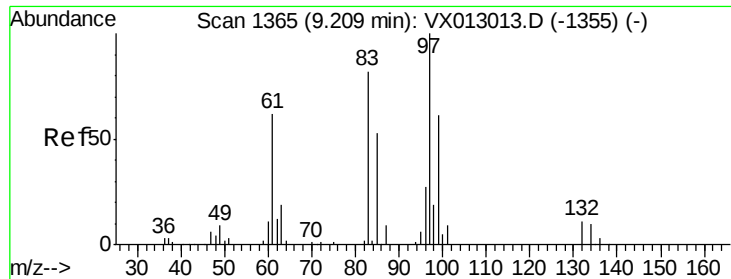
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#54
cis-1,3-Dichloropropene
Concen: 58.103 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion: 75 Resp: 154812
Ion Ratio Lower Upper
75 100
77 30.8 25.8 38.8
39 45.3 38.2 57.2





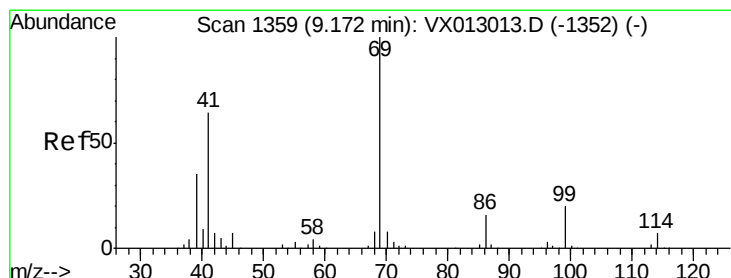
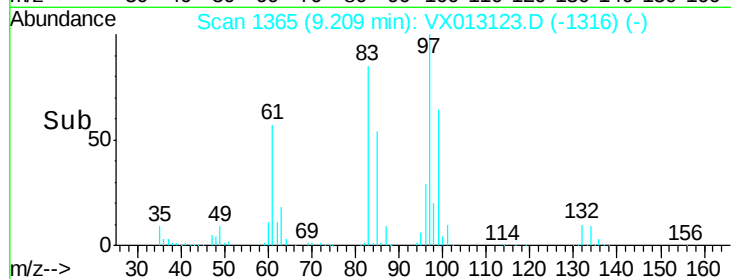
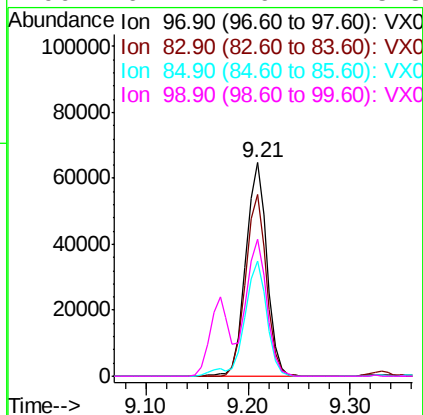
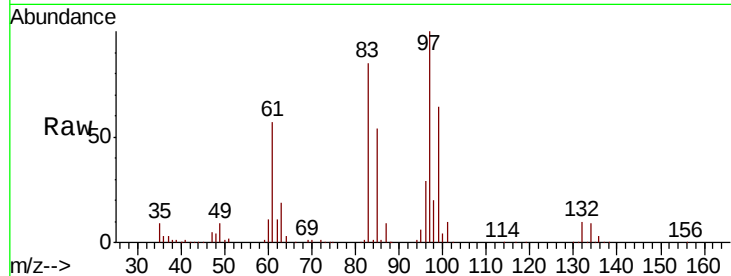
#55
 1,1,2-Trichloroethane
 Concen: 56.267 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	93130
Ion	Ratio	Lower	Upper
97	100		
83	84.9	66.5	99.7
85	54.2	43.1	64.7
99	64.2	49.2	73.8

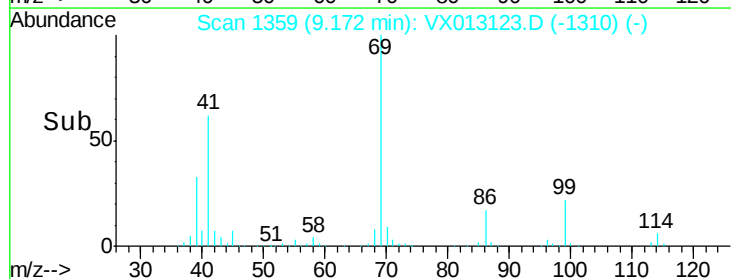
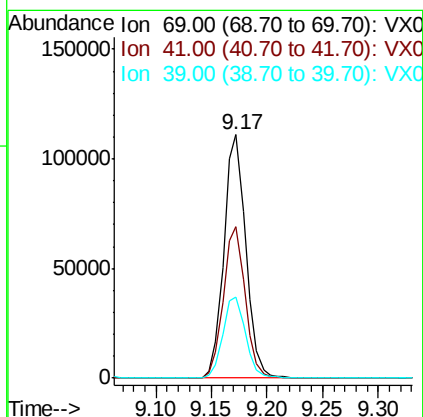
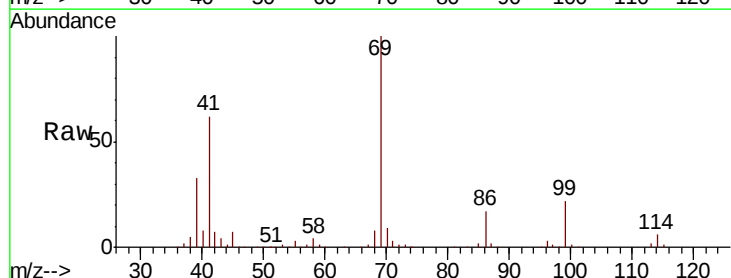
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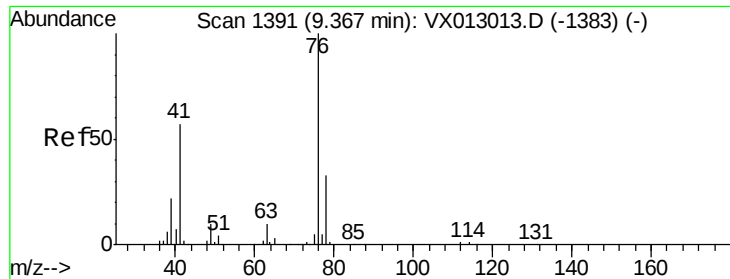
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#56
 Ethyl methacrylate
 Concen: 51.000 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Tgt Ion:	69	Resp:	151269
Ion	Ratio	Lower	Upper
69	100		
41	61.9	52.1	78.1
39	34.4	27.8	41.8





#57

1,3-Dichloropropane

Concen: 54.612 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 156359

Ion Ratio Lower Upper

76 100

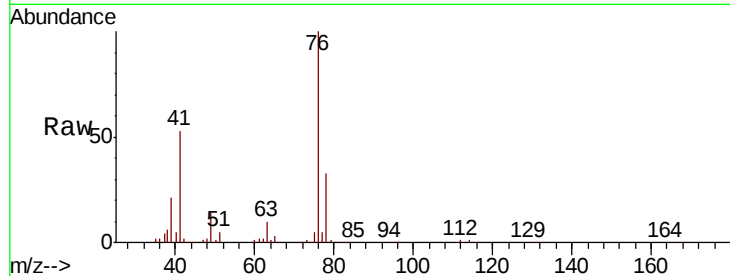
78 33.0 26.1 39.1

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

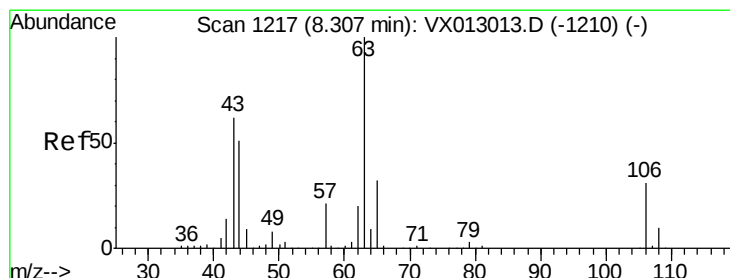
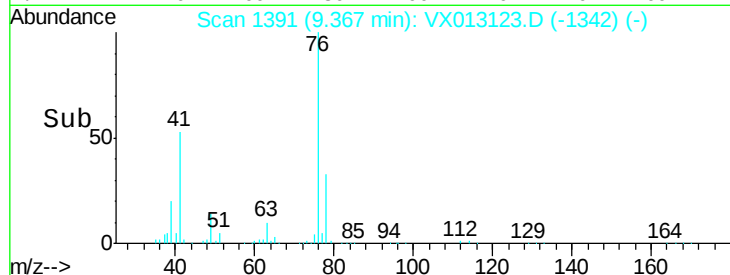
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 260.028 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013123.D

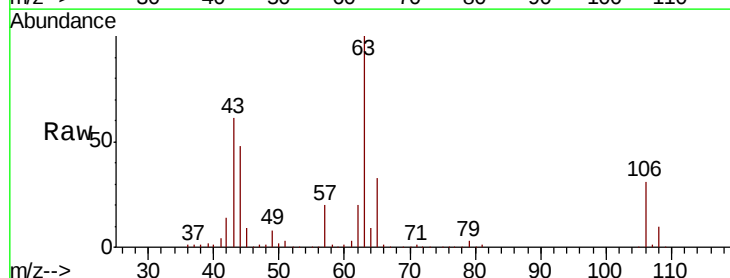
Acq: 18 Oct 2019 13:10

Tgt Ion: 63 Resp: 316168

Ion Ratio Lower Upper

63 100

106 31.0 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

200000

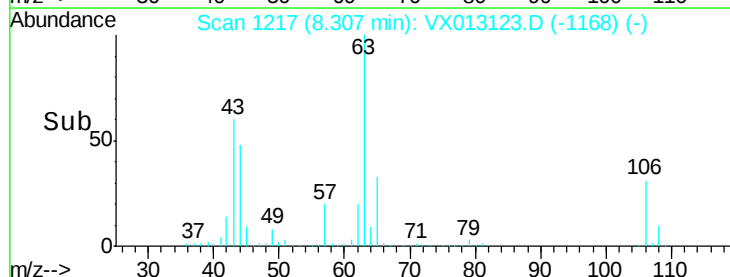
150000

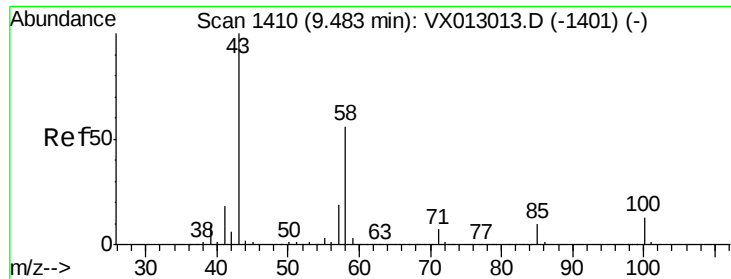
100000

50000

0

Time-->





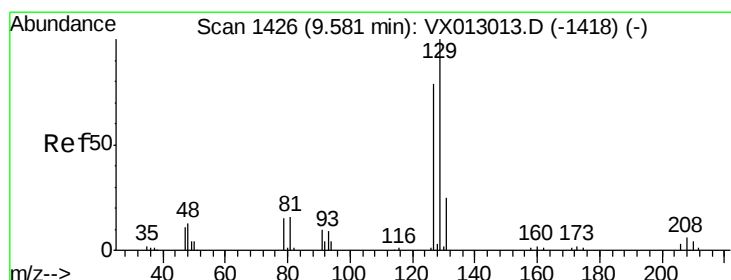
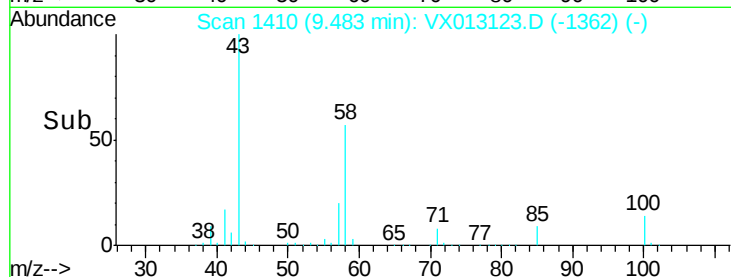
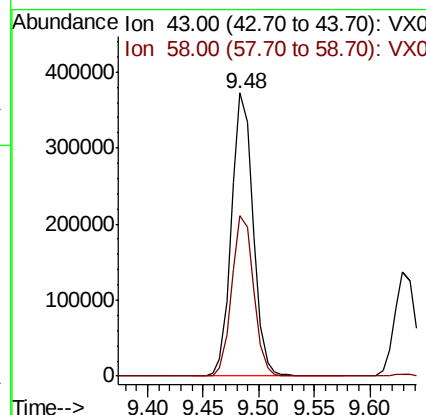
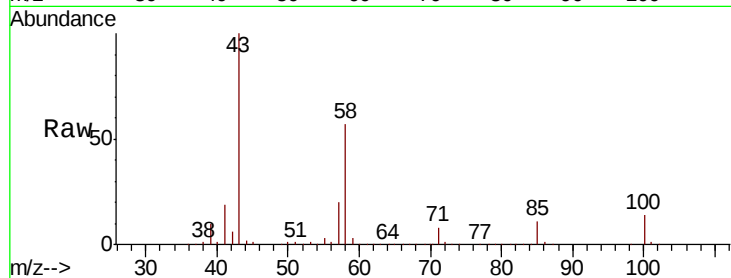
#59
2-Hexanone
Concen: 260.081 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 501440
Ion Ratio Lower Upper
43 100
58 57.7 28.1 84.3

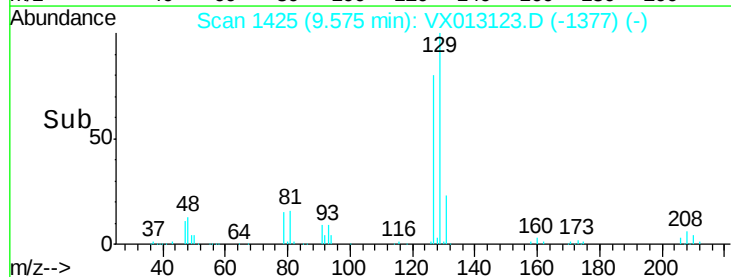
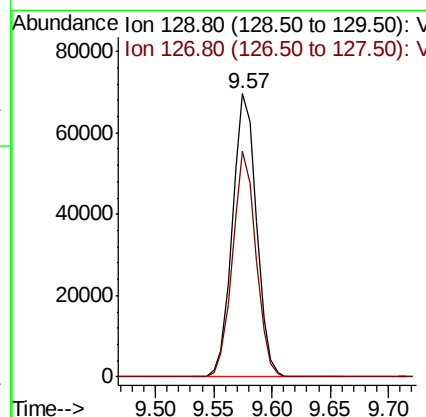
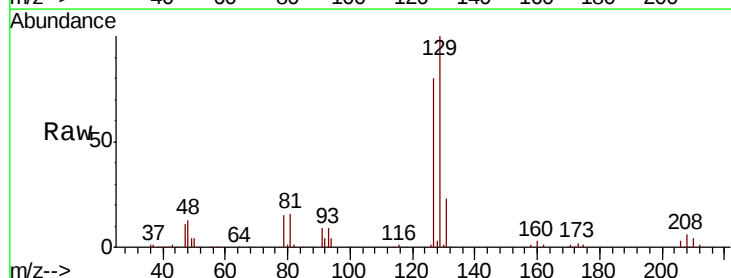
Manual Integrations
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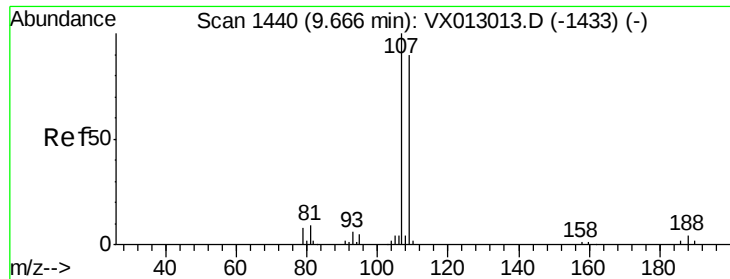
MMDadoda
10/21/2019 11:02:54 AM



#60
Dibromochloromethane
Concen: 54.144 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion: 129 Resp: 100022
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.7





#61

1,2-Dibromoethane

Concen: 57.080 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 99384

Ion Ratio Lower Upper

107 100

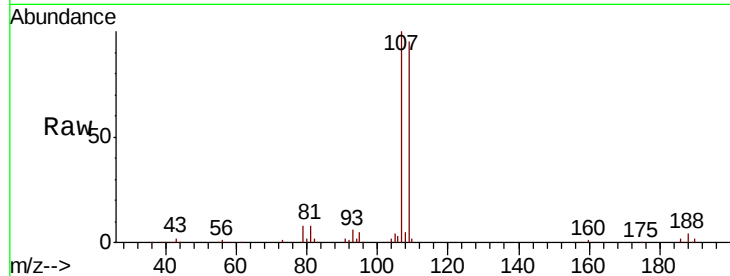
109 93.4 75.8 113.6

Manual Integrations

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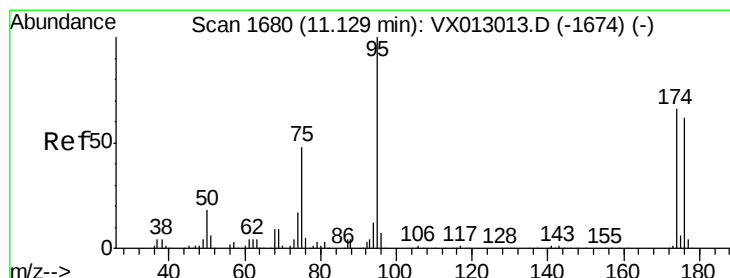
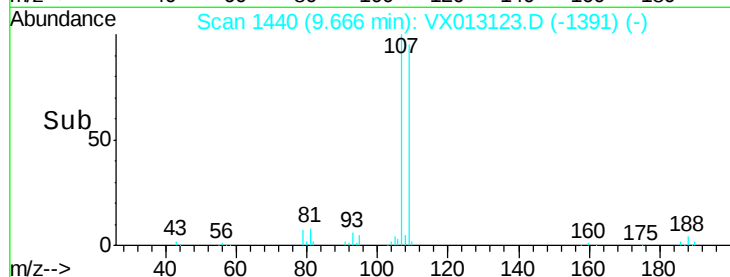
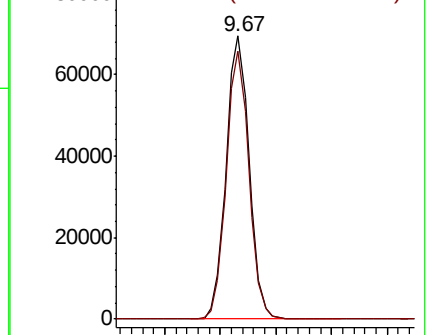
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.291 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

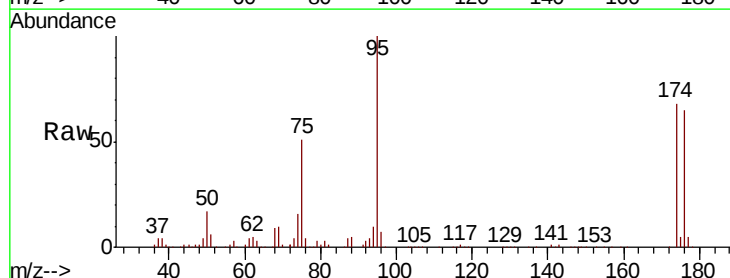
Tgt Ion: 95 Resp: 114504

Ion Ratio Lower Upper

95 100

174 75.7 0.0 143.4

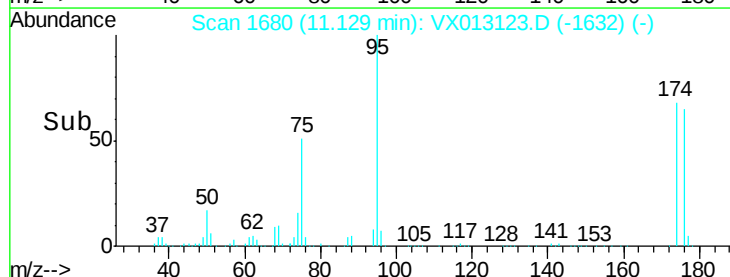
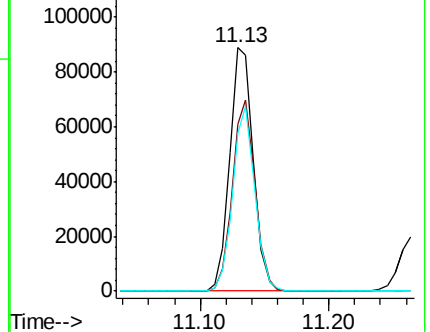
176 71.5 0.0 136.0

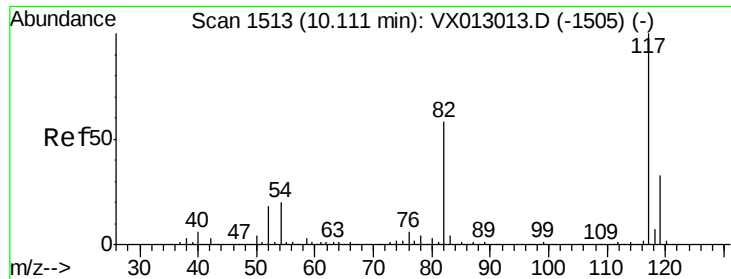


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





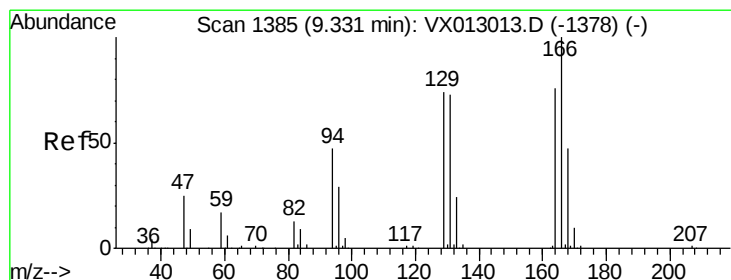
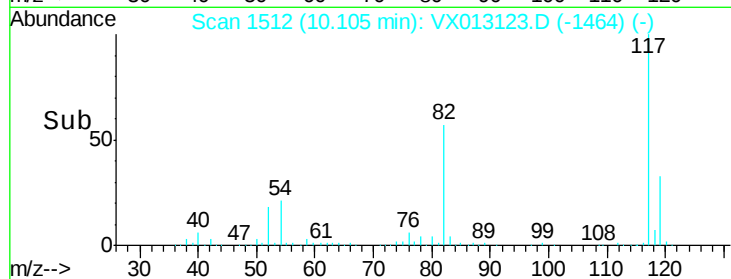
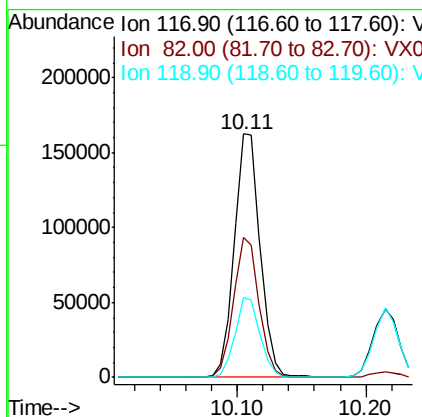
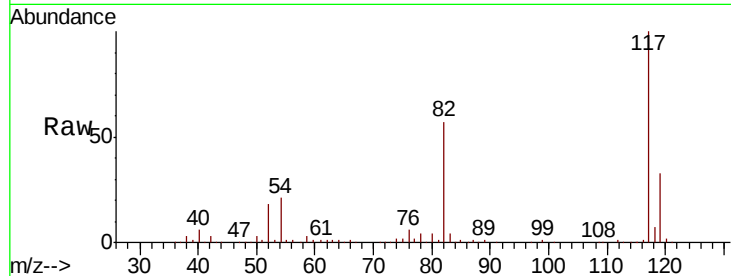
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.1	66.1
119	32.5	25.8	38.8

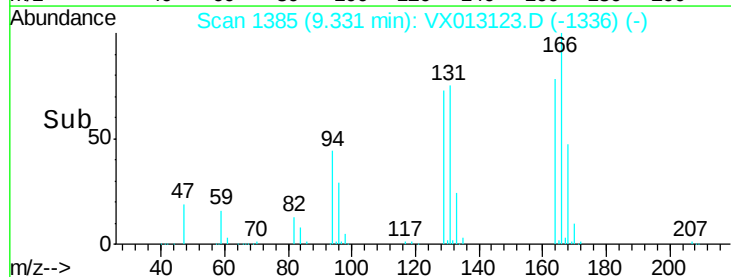
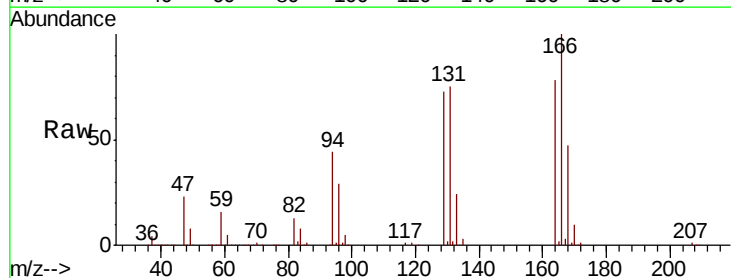
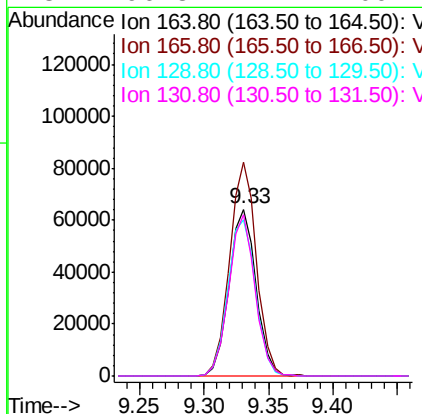
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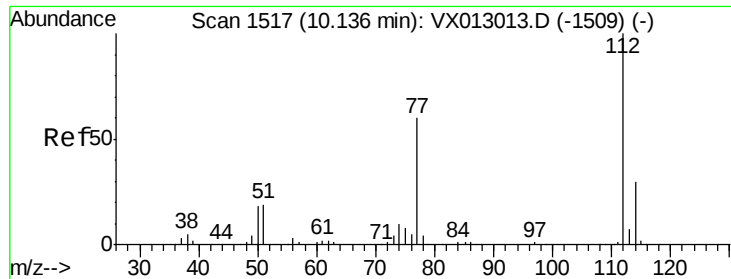
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#64
Tetrachloroethene
Concen: 59.707 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	96.9	145.3
129	93.7	77.9	116.9
131	96.8	72.7	109.1





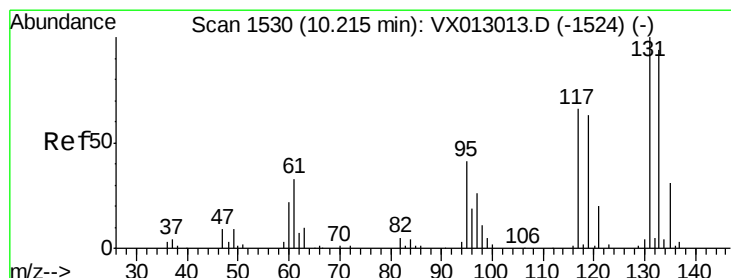
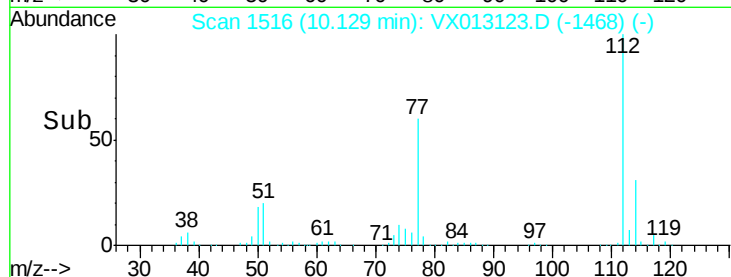
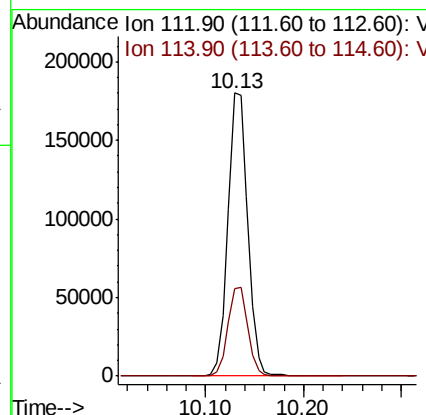
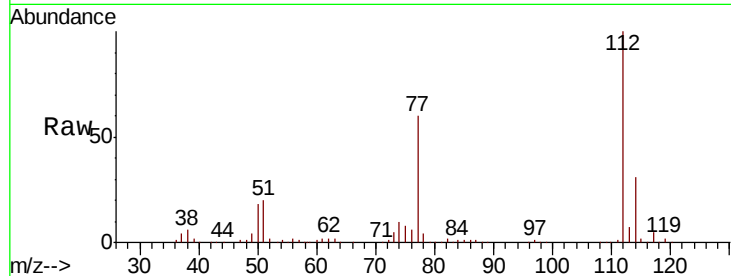
#65
Chlorobenzene
Concen: 56.140 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 253181
Ion Ratio Lower Upper
112 100
114 30.9 25.7 38.5

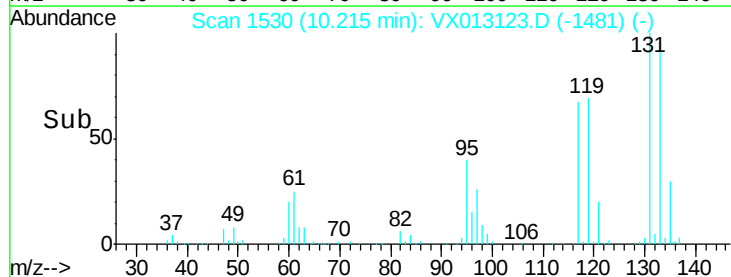
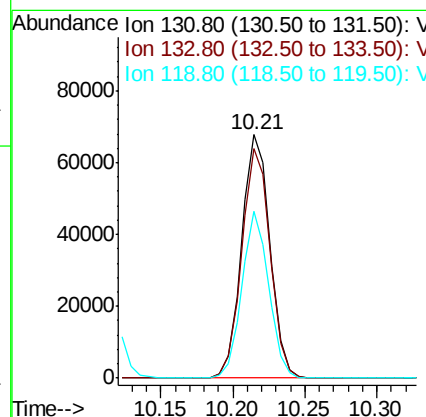
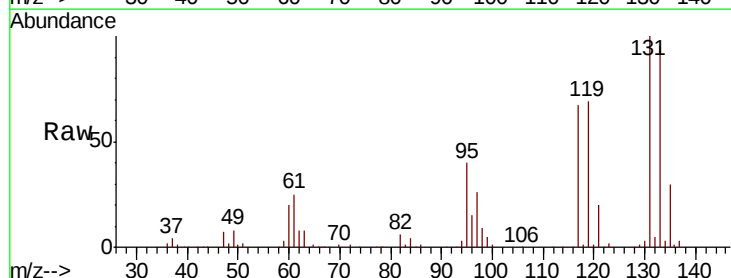
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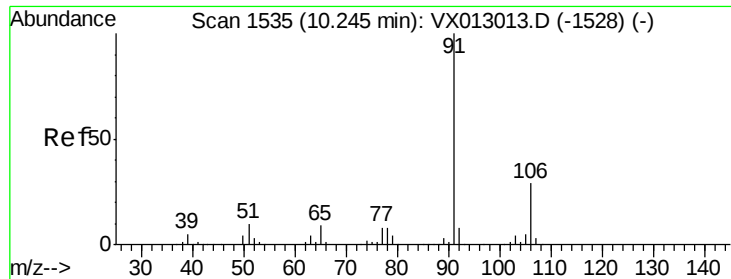
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#66
1,1,1,2-Tetrachloroethane
Concen: 59.078 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion:131 Resp: 92377
Ion Ratio Lower Upper
131 100
133 94.3 47.2 141.6
119 65.2 32.6 98.0





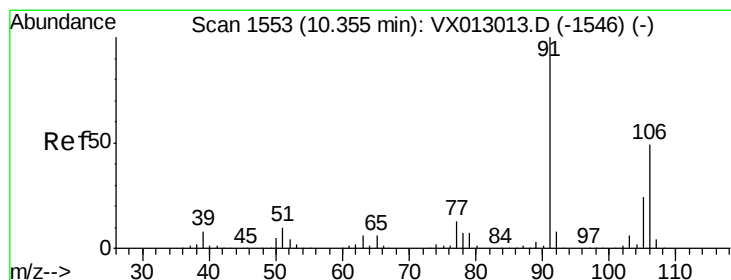
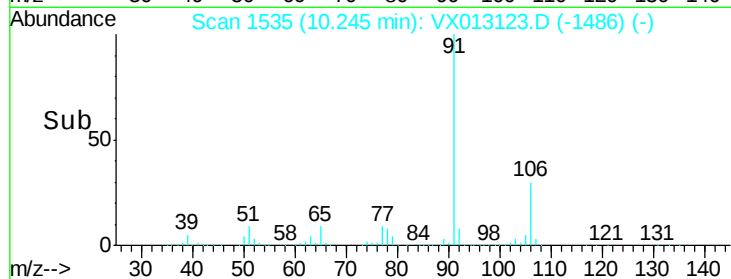
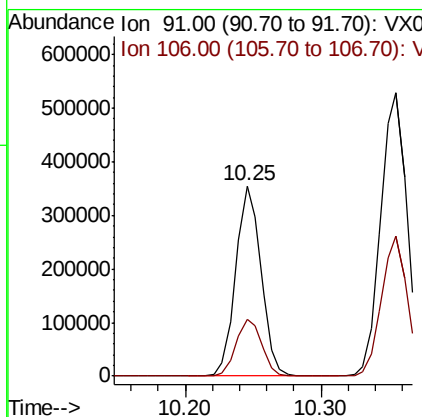
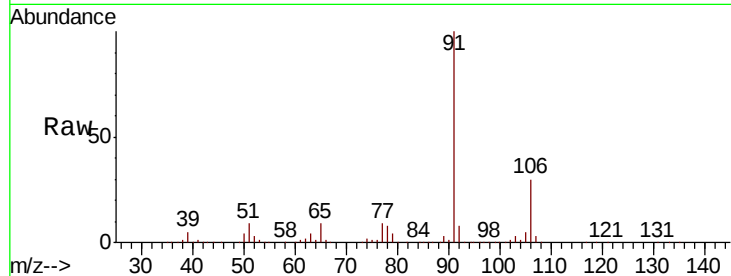
#67
Ethyl Benzene
Concen: 57.223 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 458401
Ion Ratio Lower Upper
91 100
106 29.7 23.9 35.9

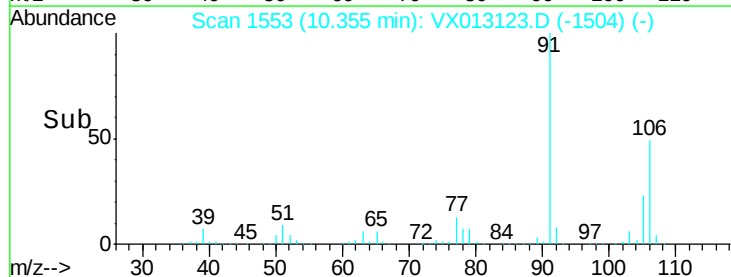
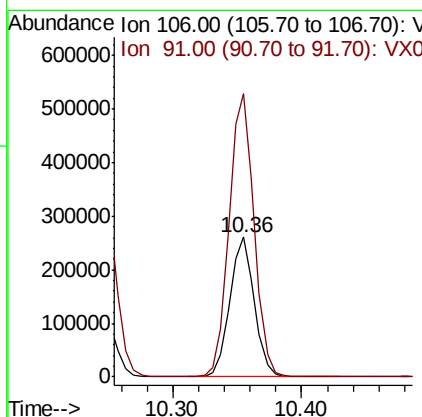
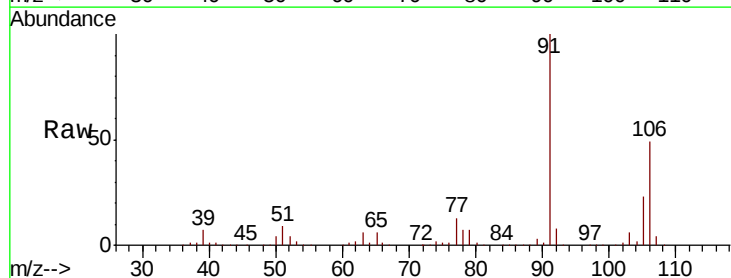
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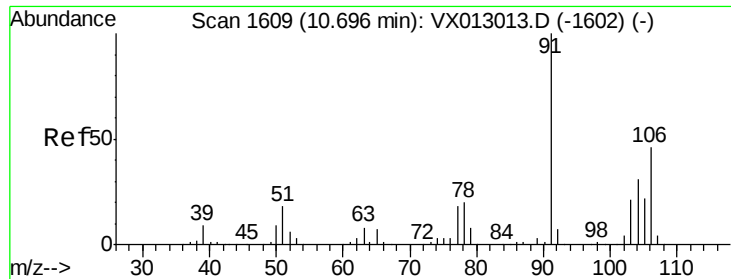
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#68
m/p-Xylenes
Concen: 115.418 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion: 106 Resp: 345406
Ion Ratio Lower Upper
106 100
91 207.2 165.3 247.9





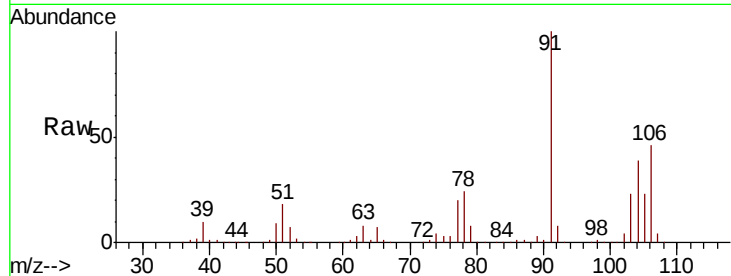
#69
o-Xylene
Concen: 57.094 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

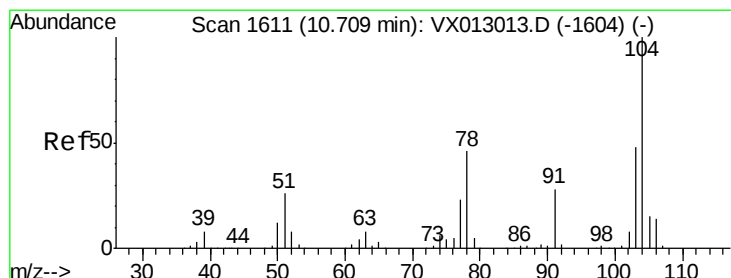
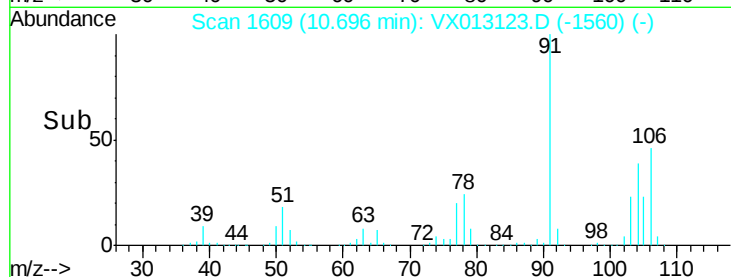
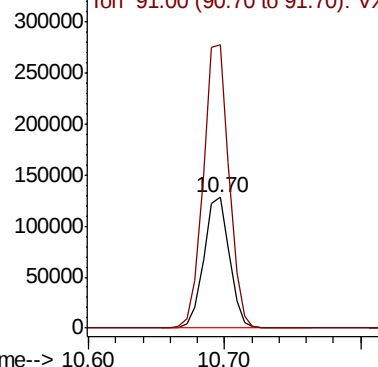
Tot Ion:106 Resp: 166621
Ion Ratio Lower Upper
106 100
91 217.8 109.1 327.3

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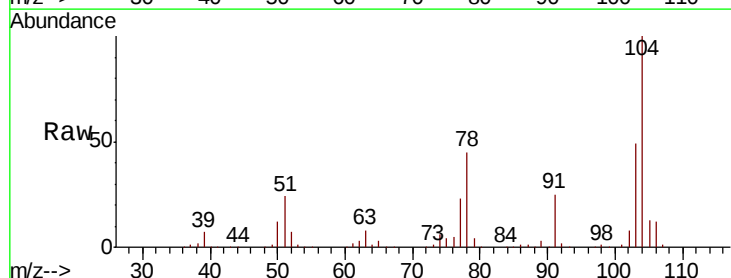


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

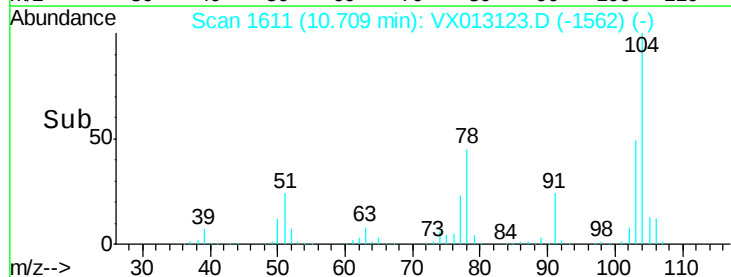
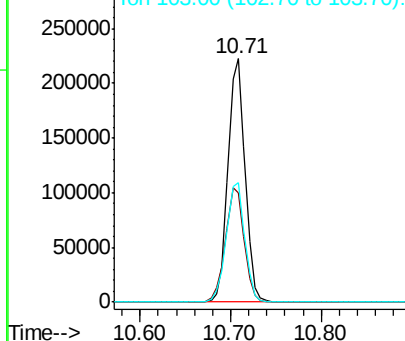


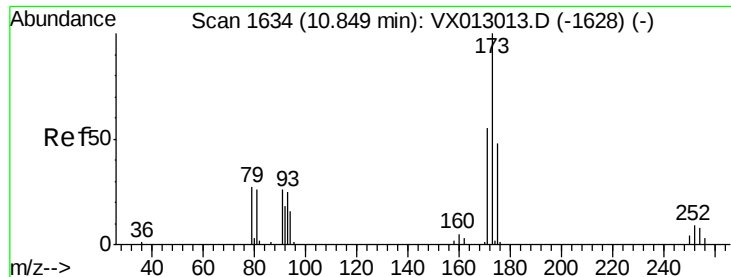
#70
Styrene
Concen: 58.708 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion:104 Resp: 291266
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 53.3 43.0 64.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 53.266 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 71245

Ion Ratio Lower Upper

173 100

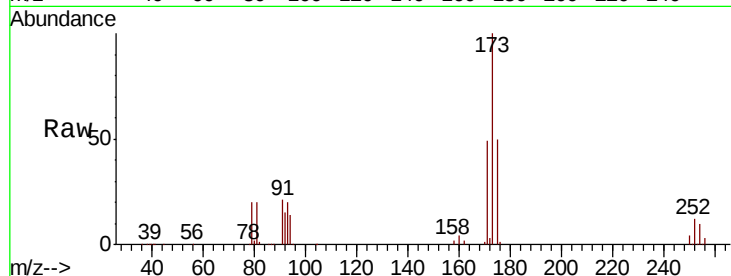
175 47.7 24.1 72.3

254 0.1 0.1 0.1#

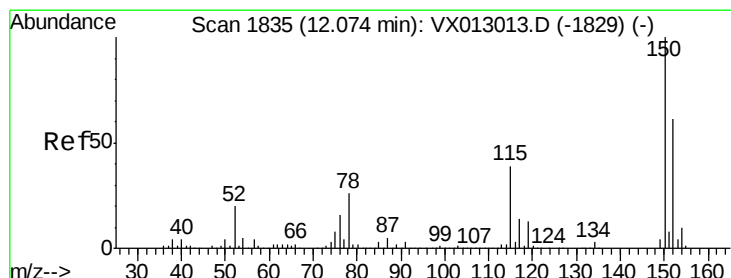
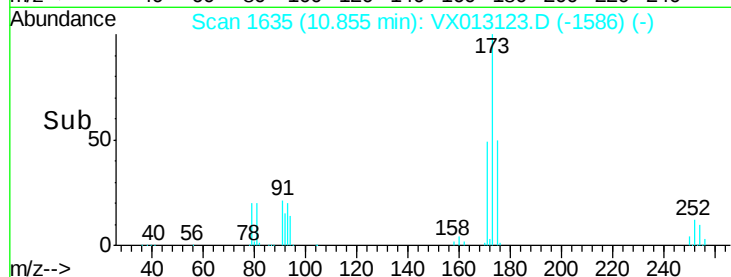
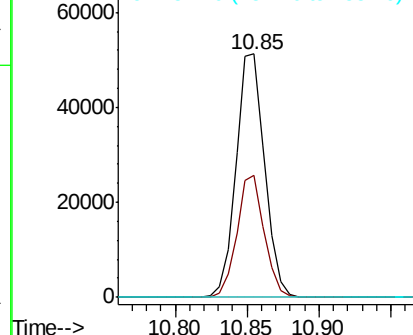
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

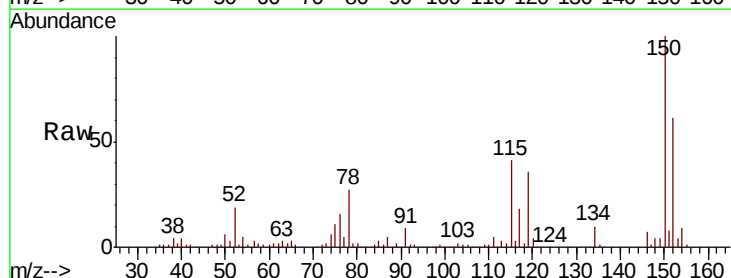
Tgt Ion:152 Resp: 110991

Ion Ratio Lower Upper

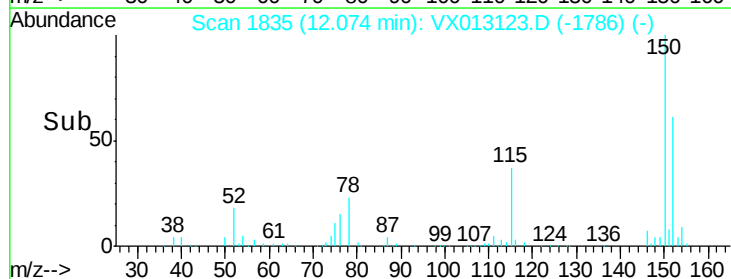
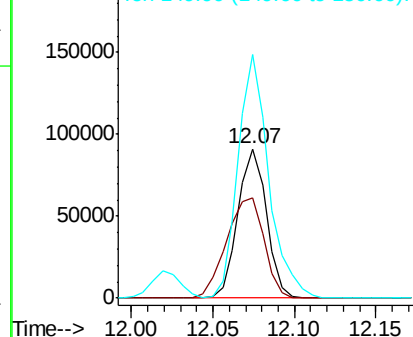
152 100

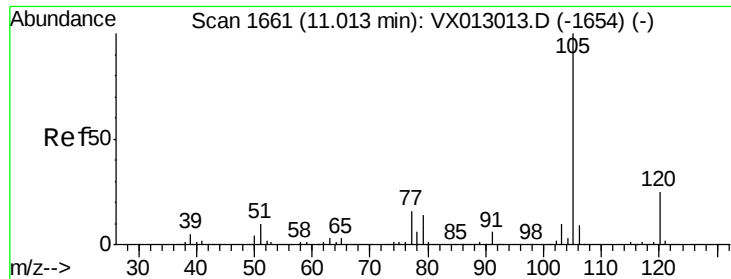
115 88.2 44.5 133.5

150 176.1 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: 55.003 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 448842

Ion Ratio Lower Upper

105 100

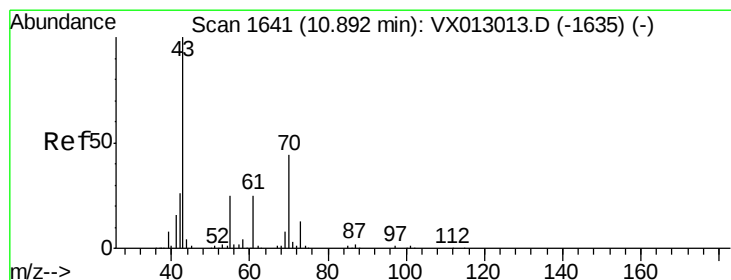
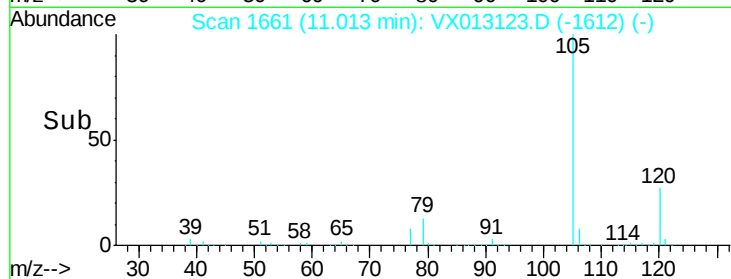
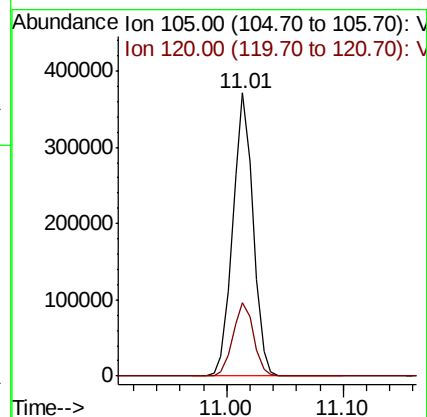
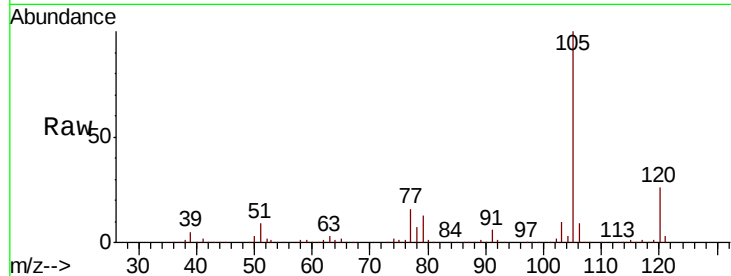
120 26.5 13.0 39.0

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#74

N-ethyl acetate

Concen: 52.000 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Tgt Ion: 43 Resp: 182751

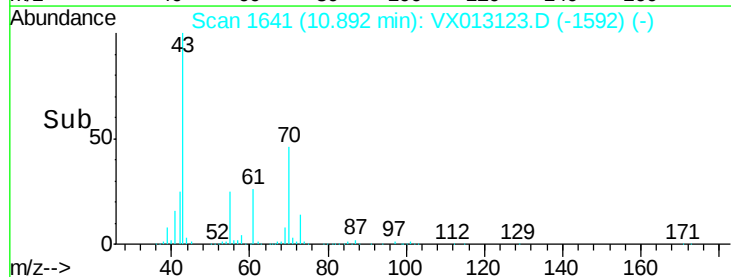
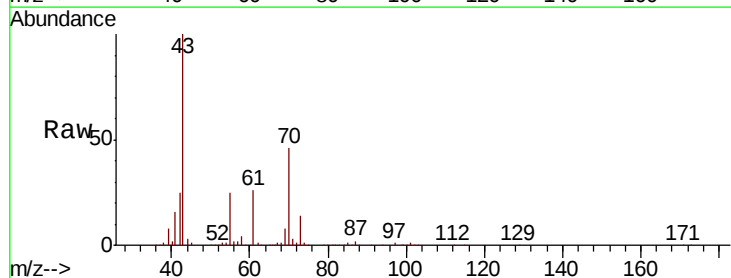
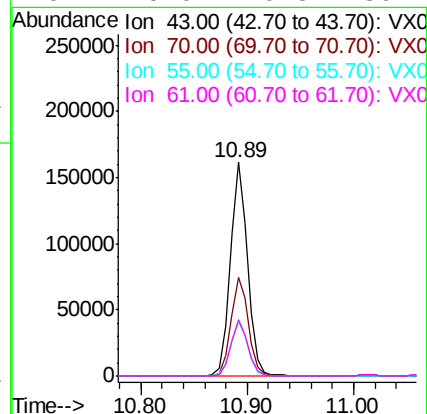
Ion Ratio Lower Upper

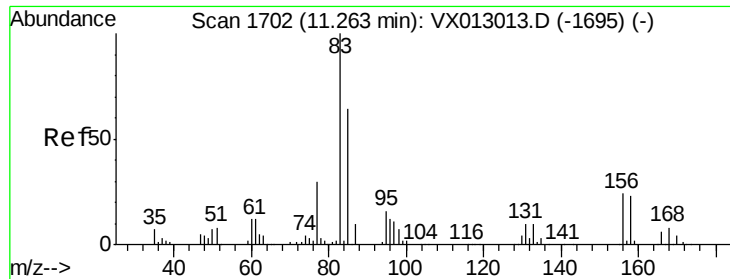
43 100

70 47.0 36.4 54.6

55 25.5 20.2 30.2

61 26.0 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 53.631 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 145560

Ion Ratio Lower Upper

83 100

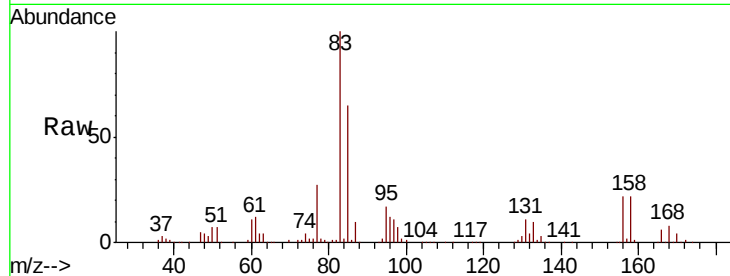
131 10.4 5.1 15.3

85 64.0 32.1 96.5

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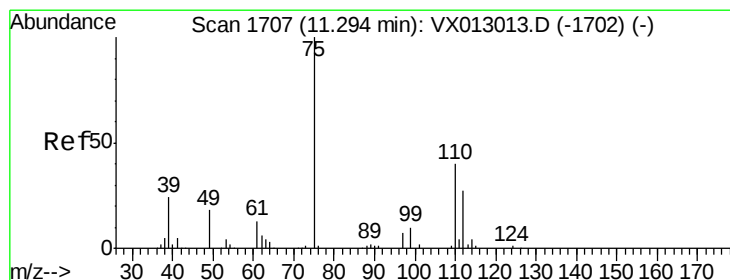
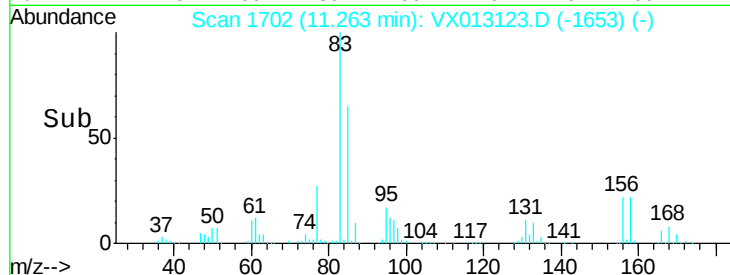
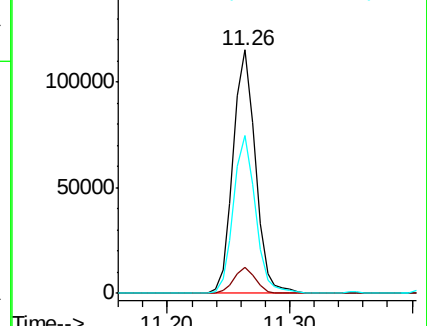
10/21/2019 11:02:54 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 56.413 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX013123.D

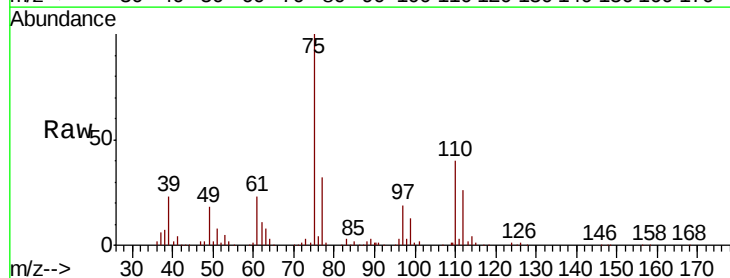
Acq: 18 Oct 2019 13:10

Tgt Ion: 75 Resp: 138875

Ion Ratio Lower Upper

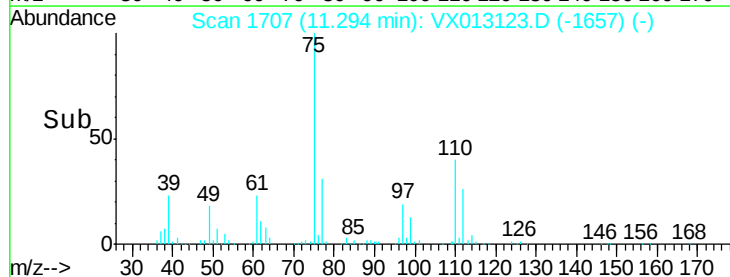
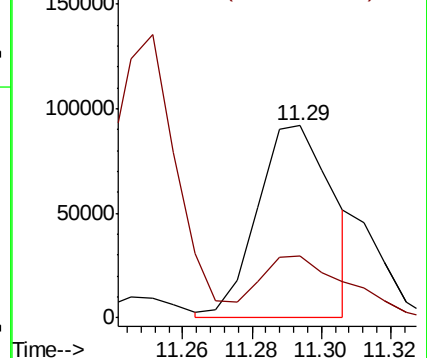
75 100

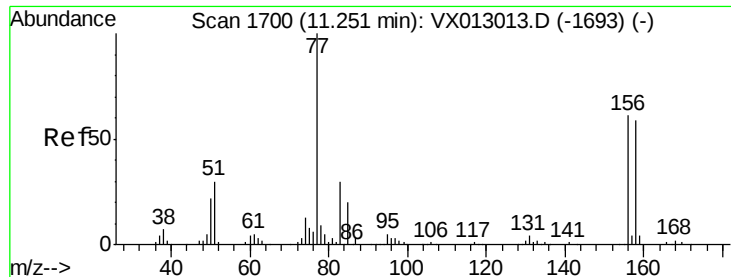
77 37.0 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 56.393 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

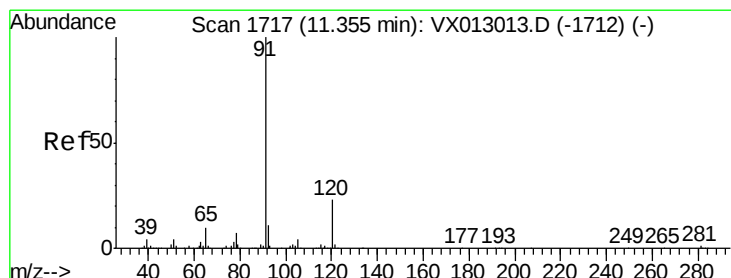
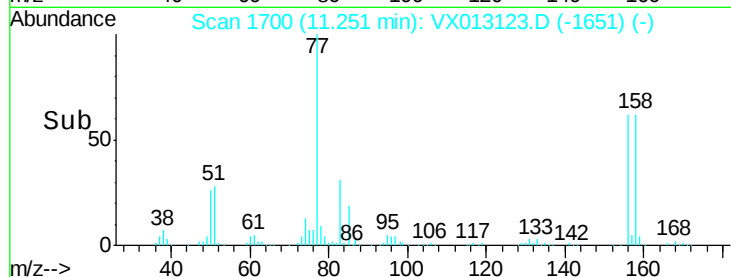
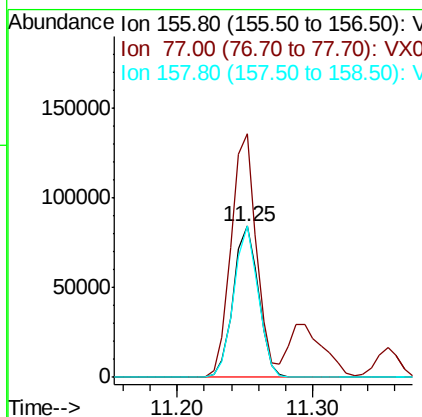
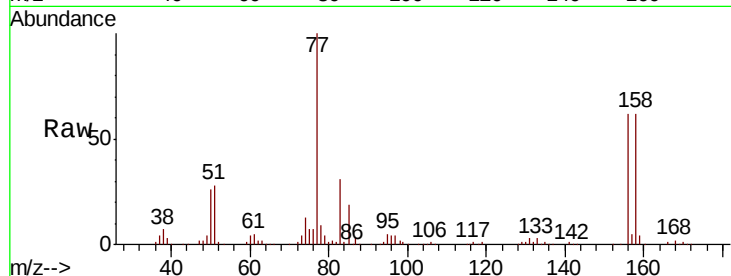
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		108440		
77	163.1	83.7	251.0		
158	97.1	48.6	145.9		

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#78

n-propylbenzene

Concen: 57.002 ug/l

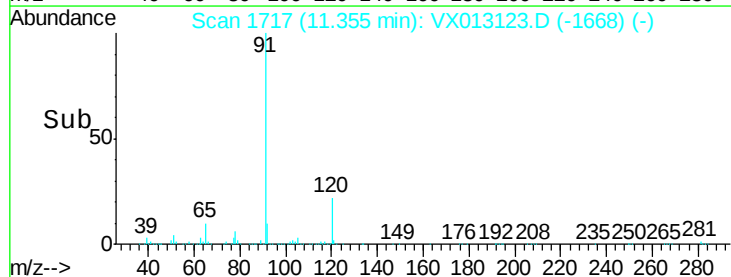
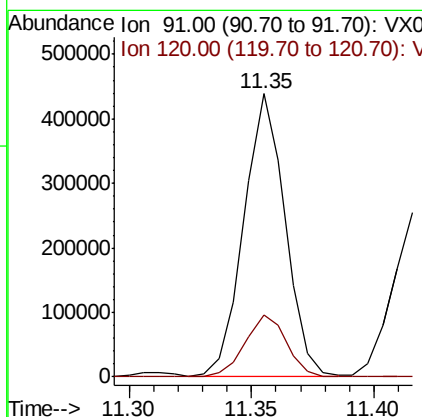
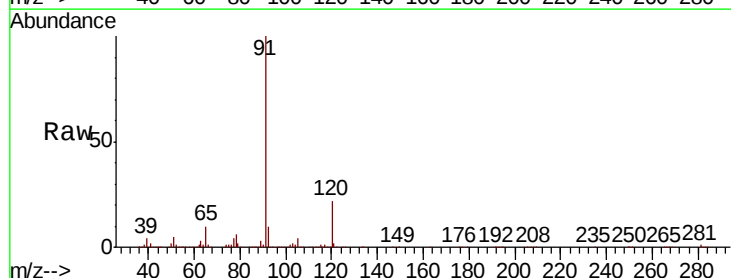
RT: 11.35 min Scan# 1717

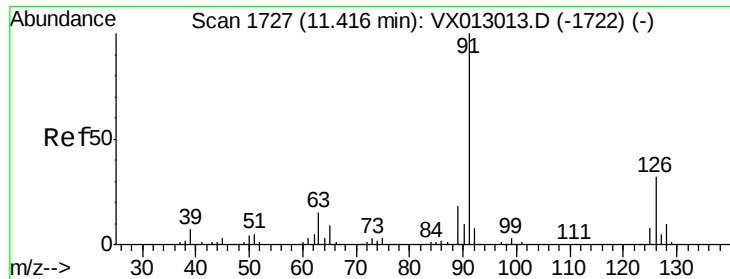
Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		511838		
120	22.3	11.7	35.1		





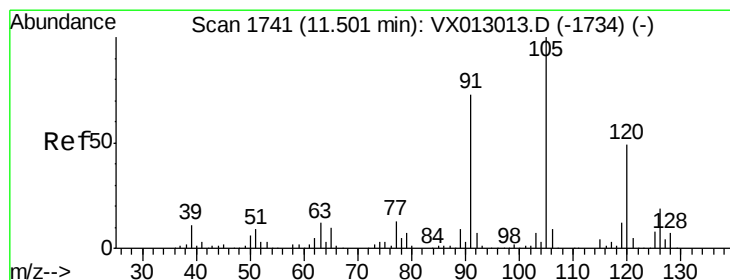
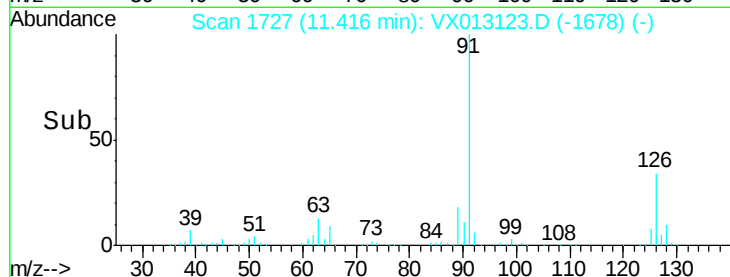
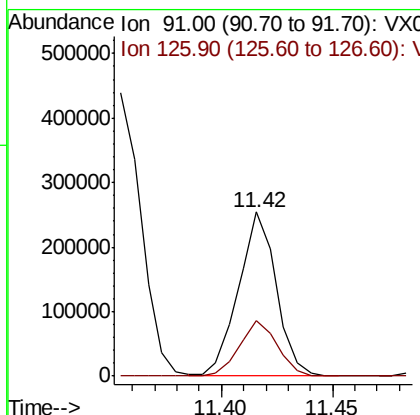
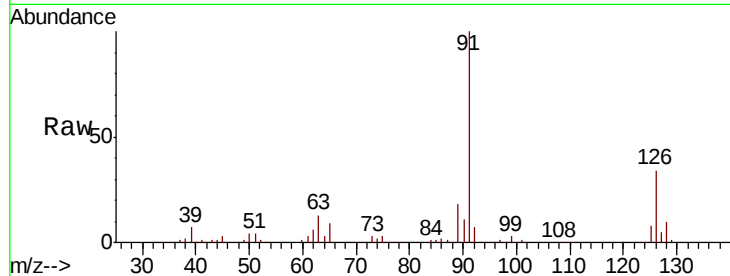
#79
2-Chlorotoluene
Concen: 53.131 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 299832
Ion Ratio Lower Upper
91 100
126 34.3 16.3 48.8

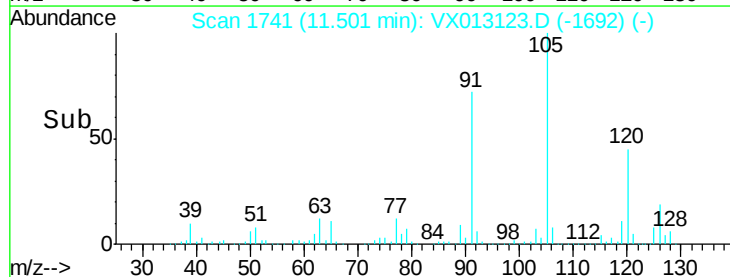
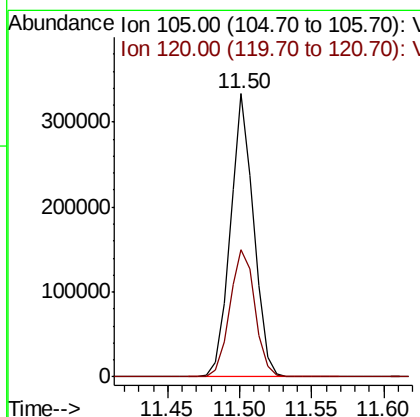
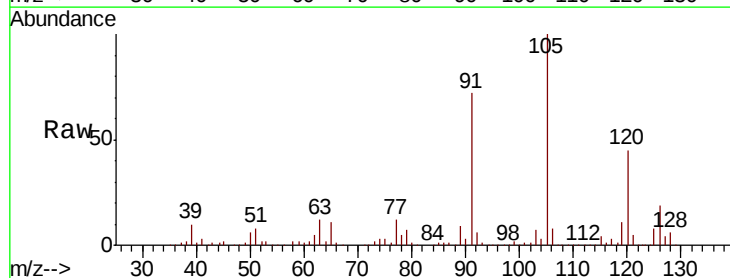
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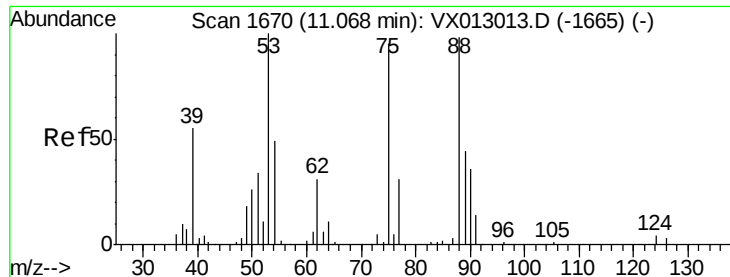
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#80
1,3,5-Trimethylbenzene
Concen: 55.409 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion: 105 Resp: 377548
Ion Ratio Lower Upper
105 100
120 48.6 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 49.462 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 47306

Ion Ratio Lower Upper

75 100

53 95.3 78.5 117.7

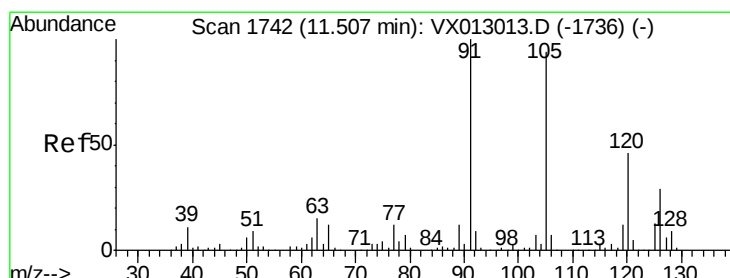
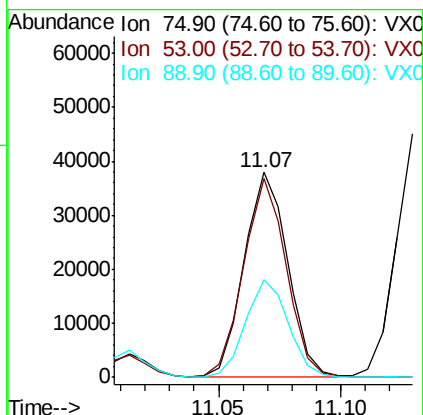
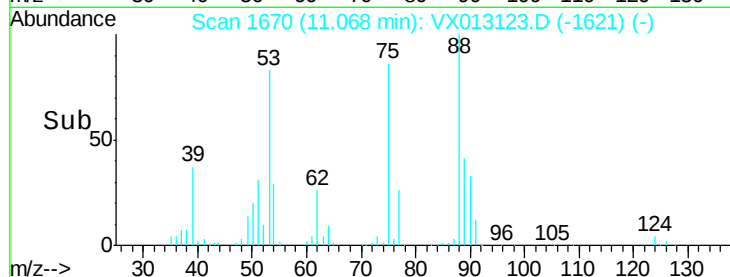
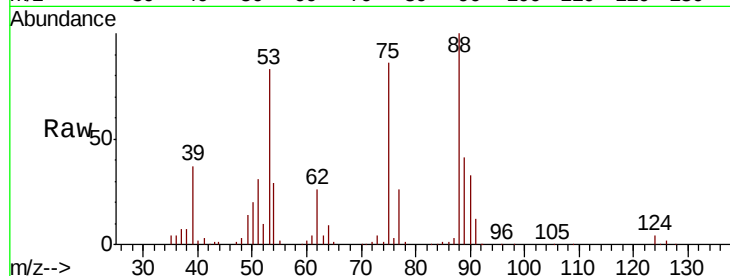
89 46.8 37.4 56.2

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#82

4-Chlorotoluene

Concen: 53.454 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013123.D

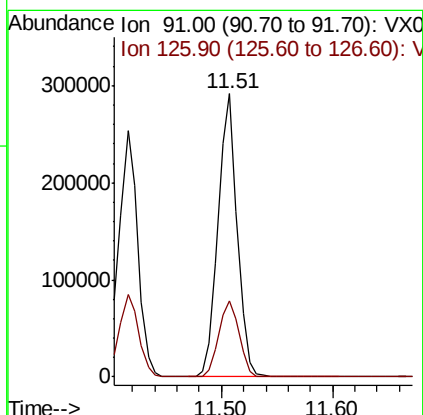
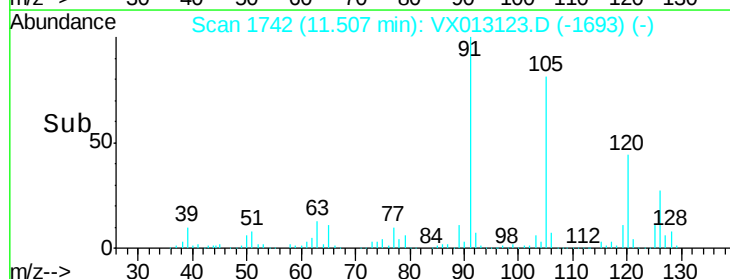
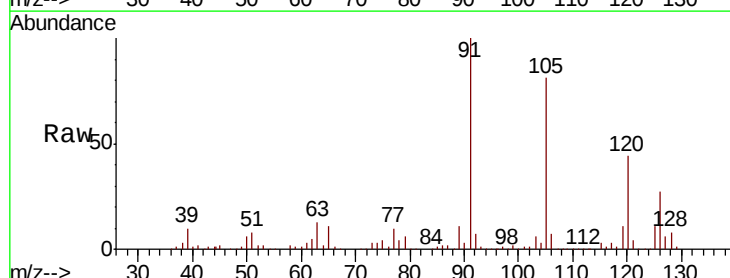
Acq: 18 Oct 2019 13:10

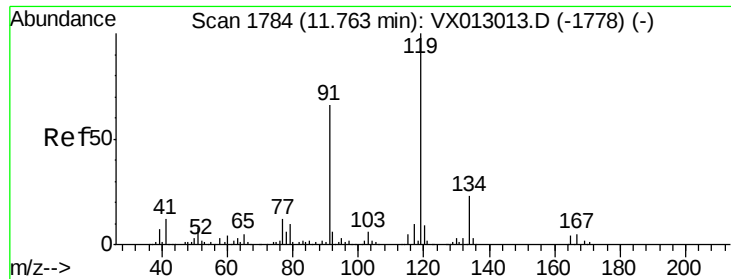
Tgt Ion: 91 Resp: 345755

Ion Ratio Lower Upper

91 100

126 28.5 14.2 42.6





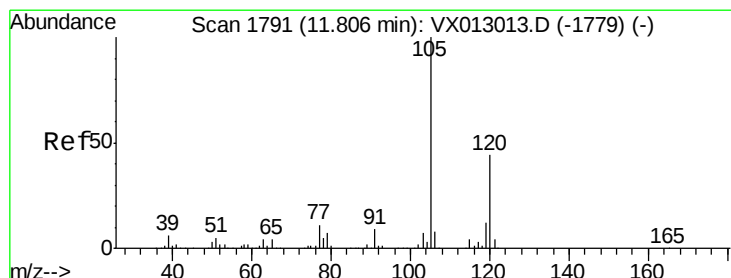
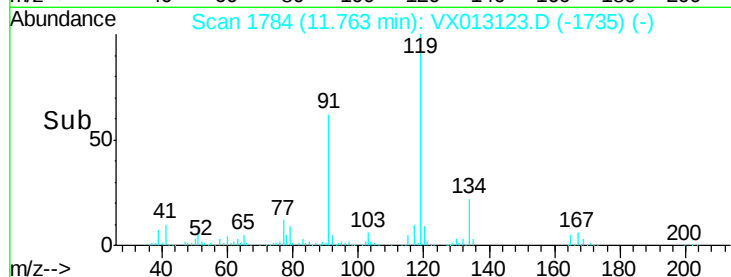
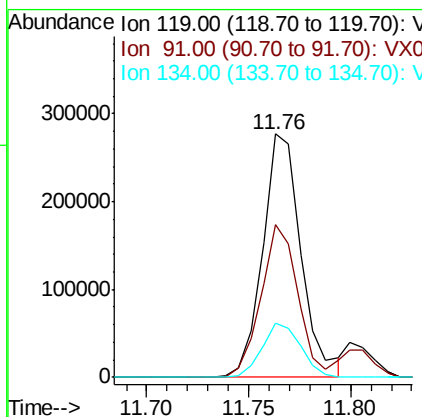
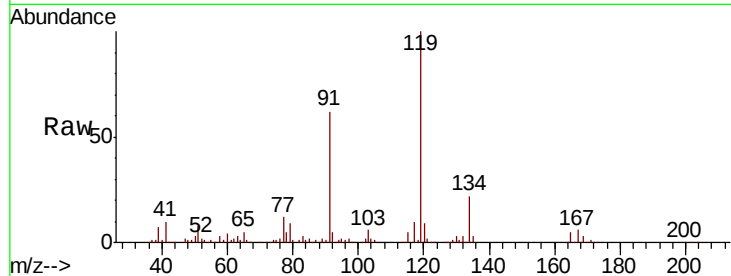
#83
 tert-Butylbenzene
 Concen: 54.801 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.9	29.3	87.9
134	22.2	11.5	34.4

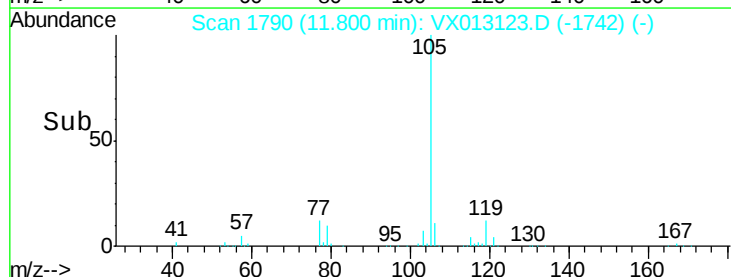
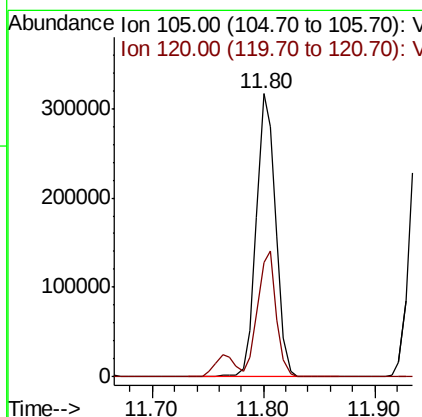
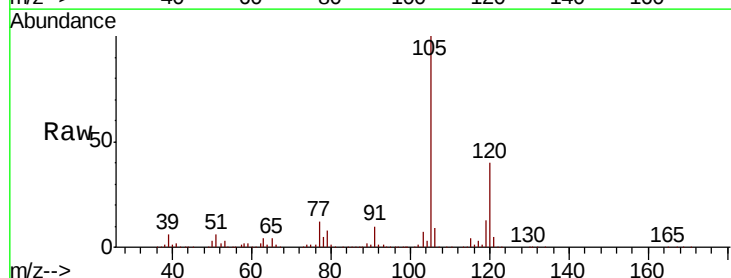
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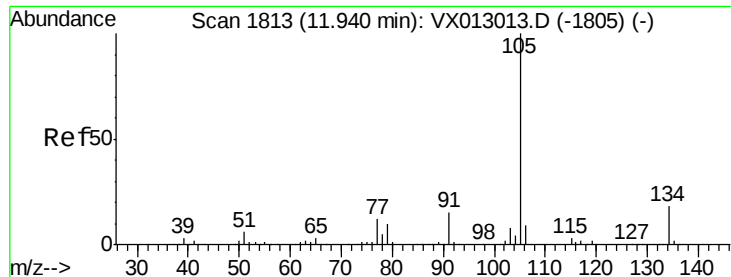
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.709 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.6	21.8	65.3





#85

sec-Butylbenzene

Concen: 56.225 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 432970

Ion Ratio Lower Upper

105 100

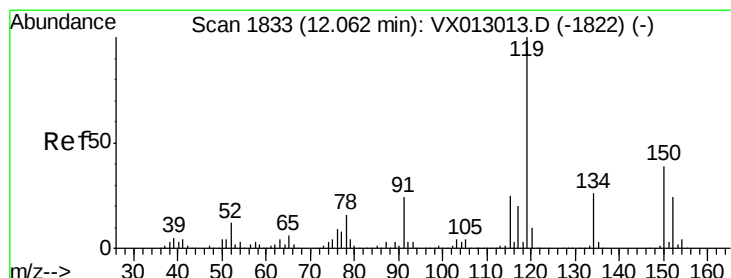
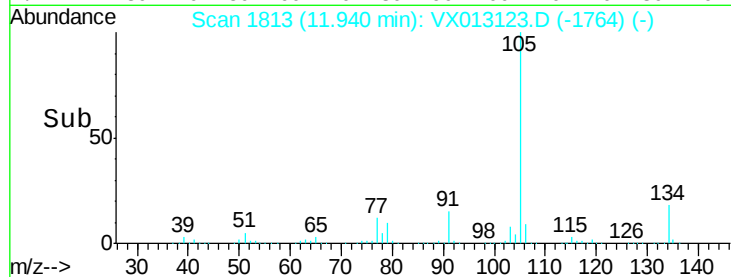
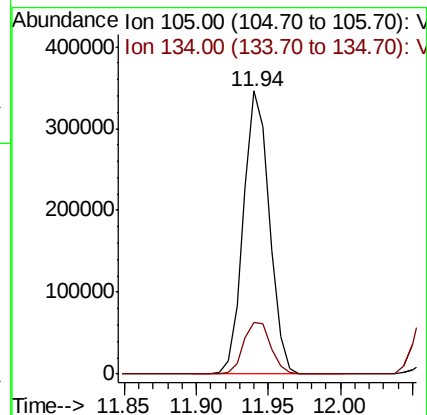
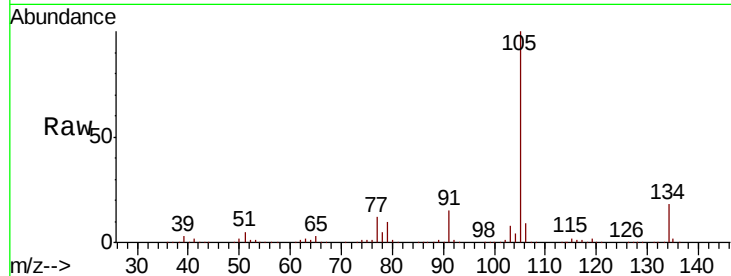
134 19.2 10.0 30.0

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 56.341 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013123.D

Acq: 18 Oct 2019 13:10

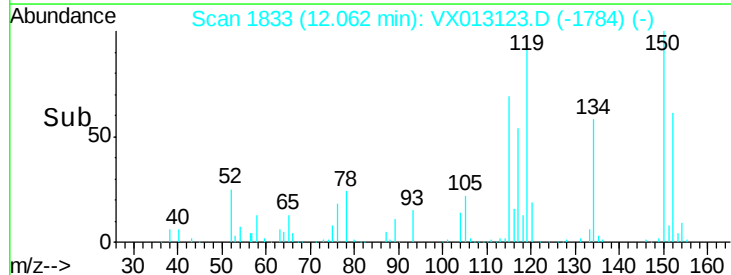
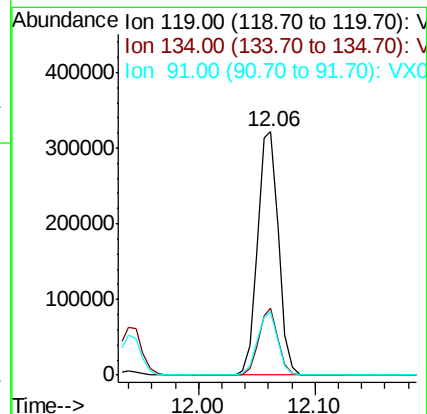
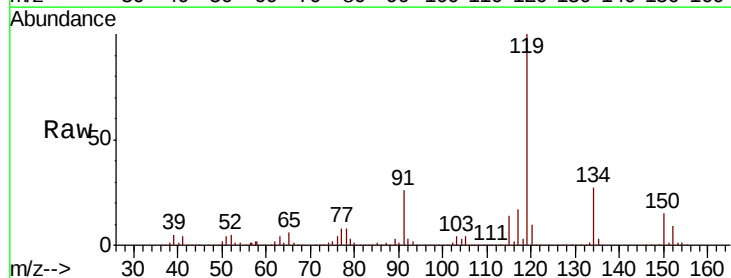
Tgt Ion:119 Resp: 402381

Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.8

91 25.1 12.4 37.4





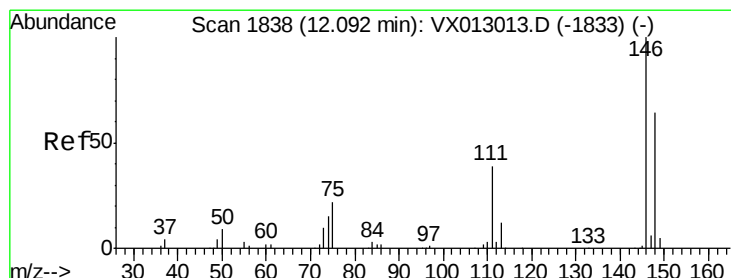
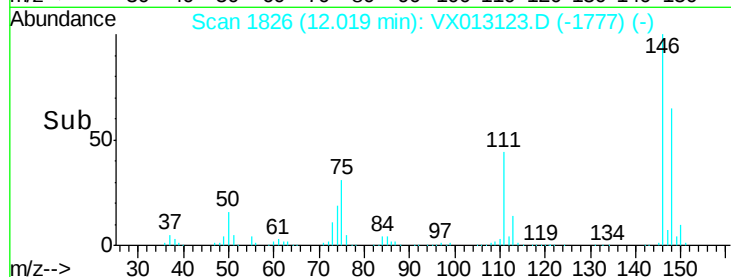
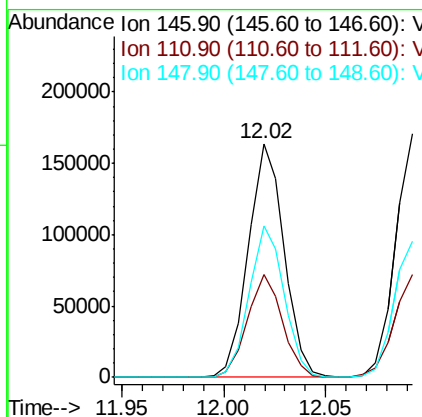
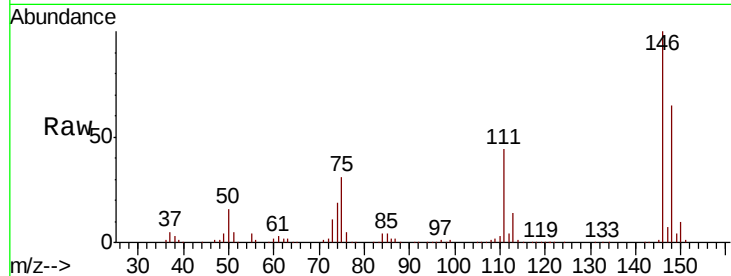
#87
 1,3-Dichlorobenzene
 Concen: 55.898 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.1	63.4
148	63.4	31.6	95.0

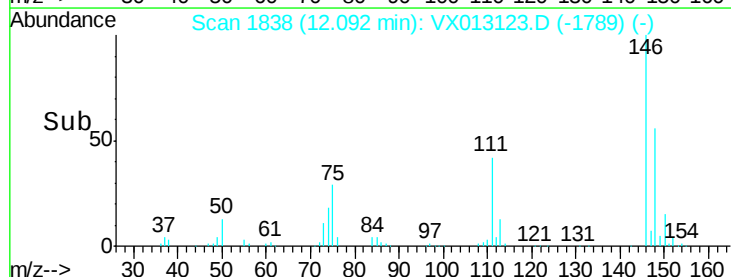
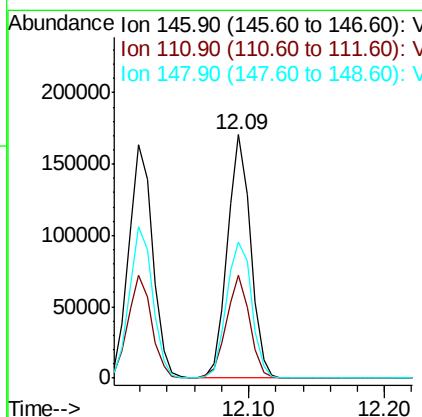
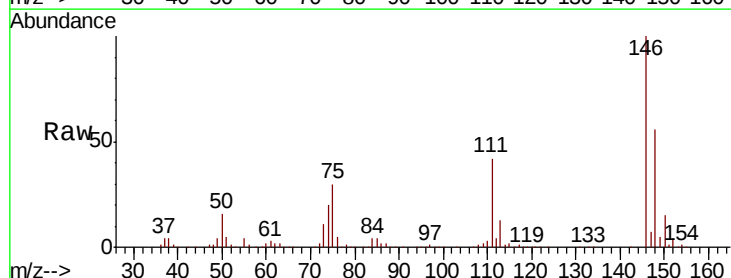
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#88
 1,4-Dichlorobenzene
 Concen: 55.680 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.4	64.3
148	60.8	32.1	96.5





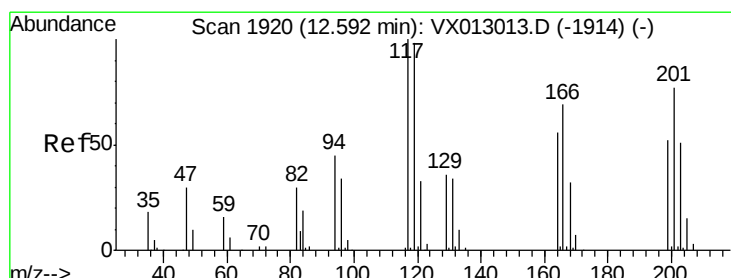
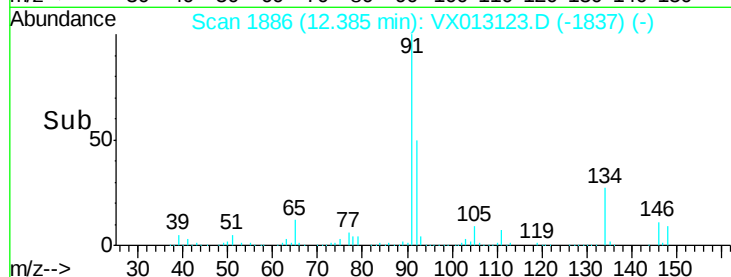
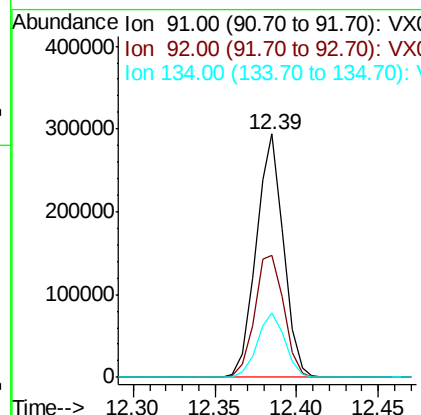
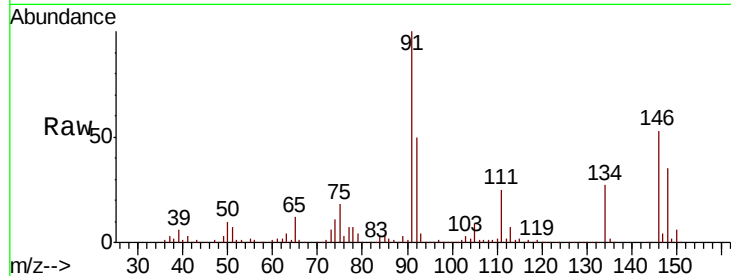
#89
n-Butylbenzene
Concen: 57.067 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.5	82.5
134	26.8	12.9	38.7

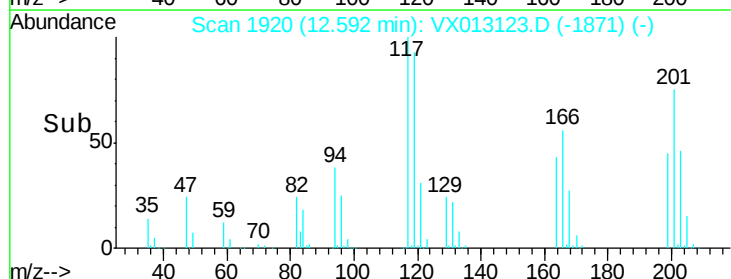
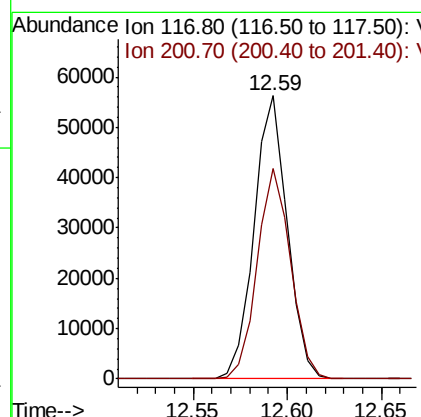
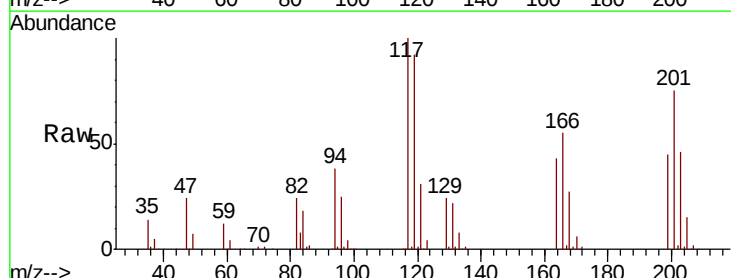
Manual Integrations
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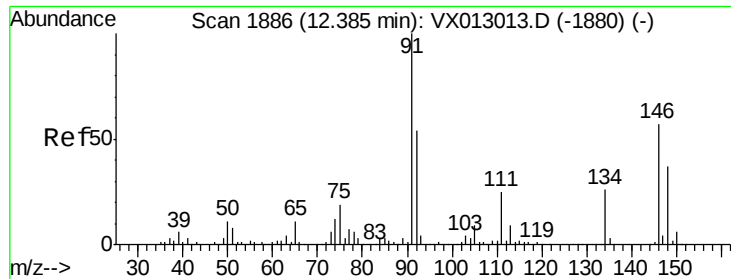
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#90
Hexachloroethane
Concen: 51.822 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.7	36.9	110.7





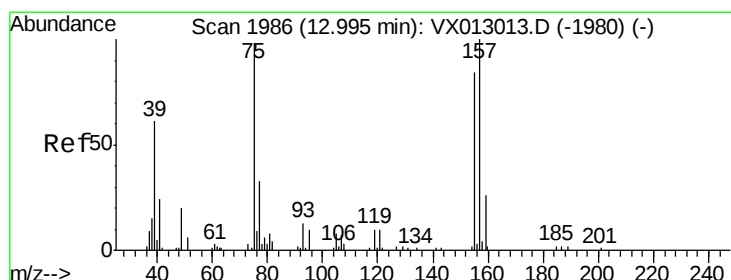
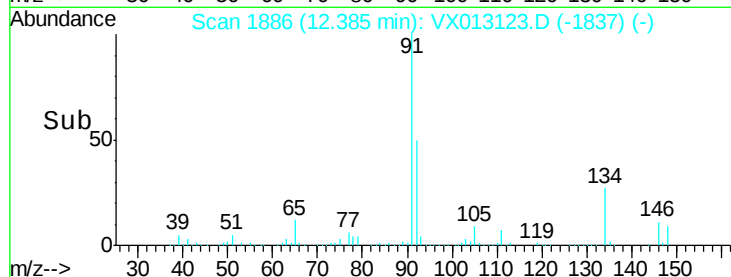
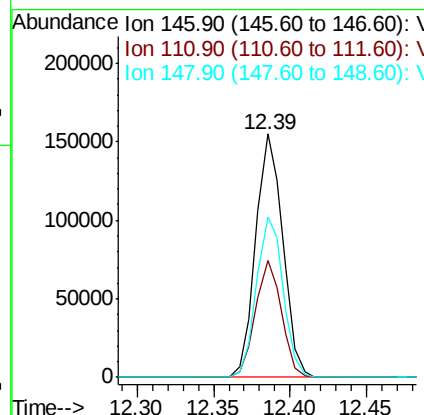
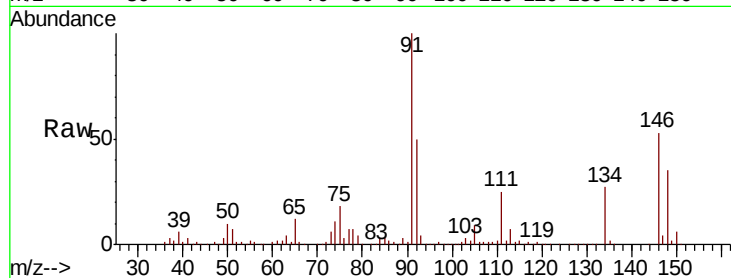
#91
 1,2-Dichlorobenzene
 Concen: 54.725 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.0	22.7	68.0
148	65.0	31.6	94.7

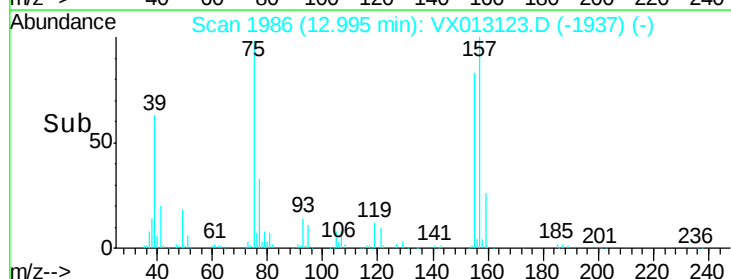
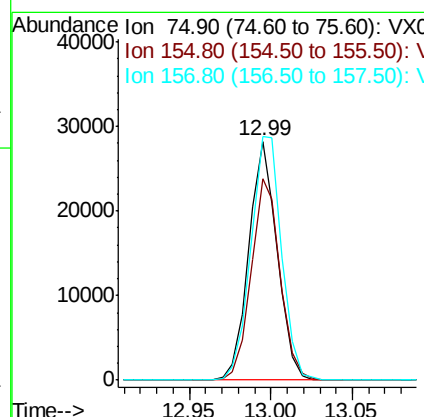
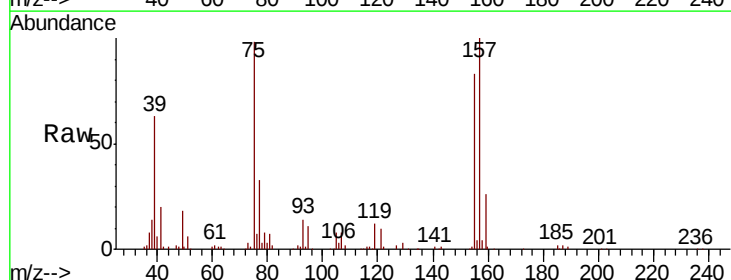
Manual Integrations
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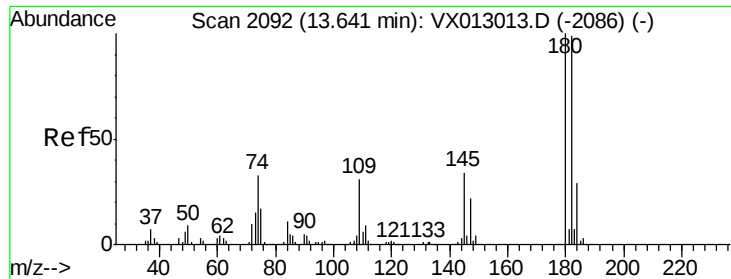
MMDadoda
 10/21/2019 11:02:54 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.974 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.3	43.0	128.8
157	110.1	54.1	162.3





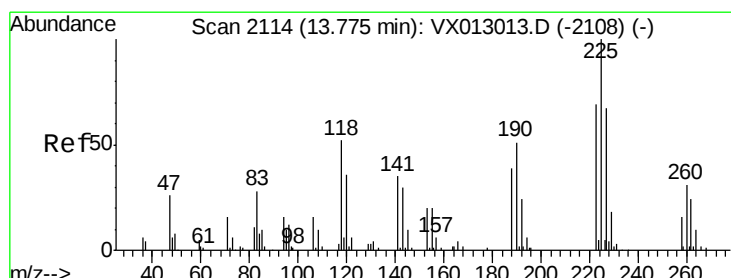
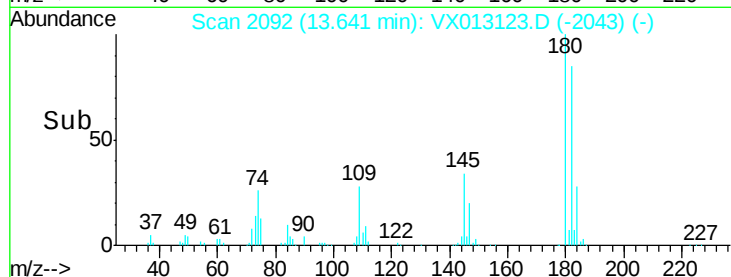
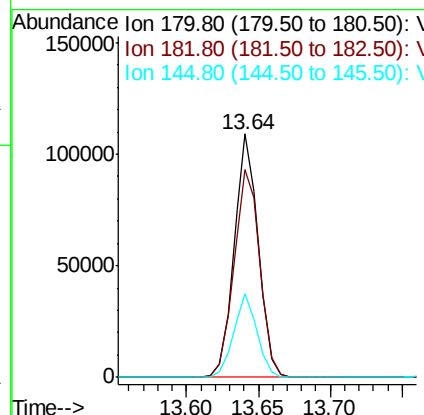
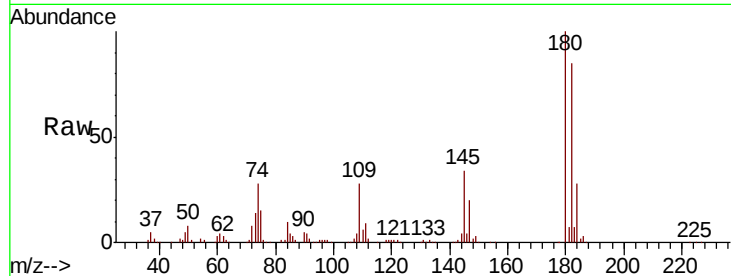
#93
 1,2,4-Trichlorobenzene
 Concen: 58.366 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	127996		
182	91.6	46.8	140.4	
145	33.3	16.2	48.6	

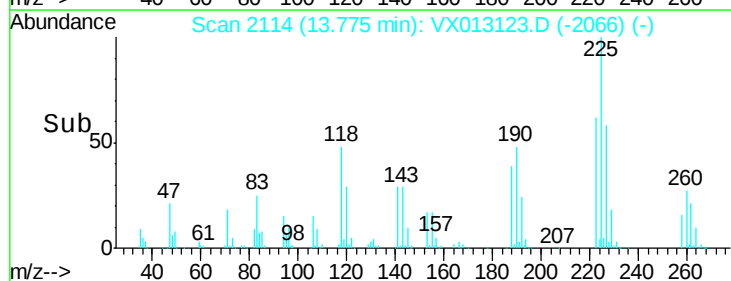
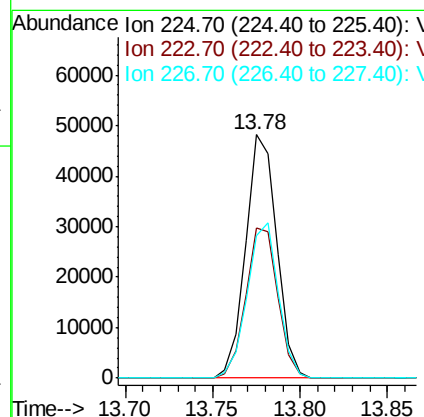
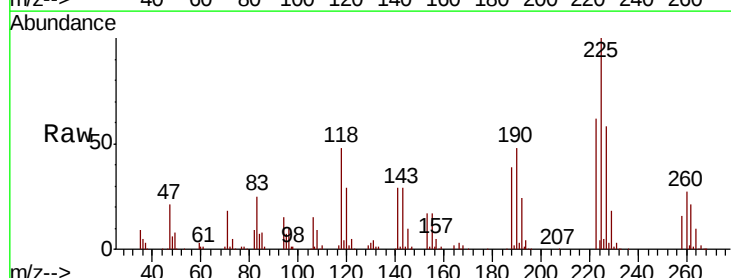
Manual Integrations
 APPROVED

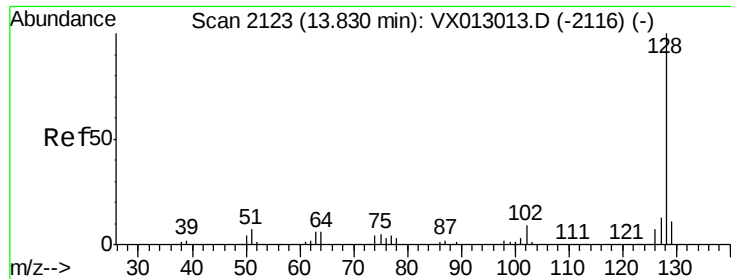
MMDadoda
 10/21/2019 11:02:54 AM



#94
 Hexachlorobutadiene
 Concen: 58.870 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX013123.D
 Acq: 18 Oct 2019 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59580		
223	63.4	31.1	93.2	
227	63.8	32.3	96.9	





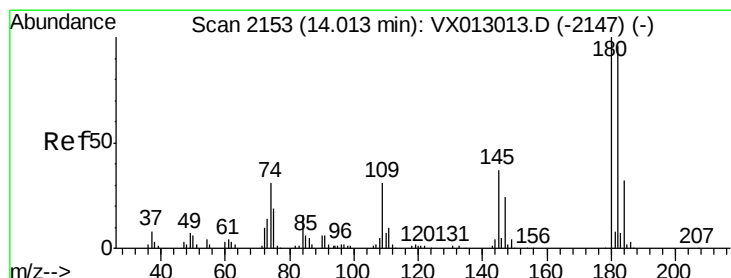
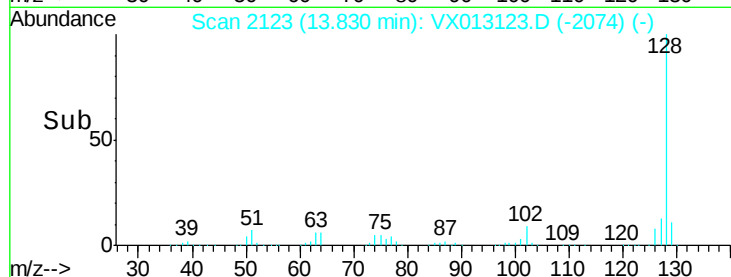
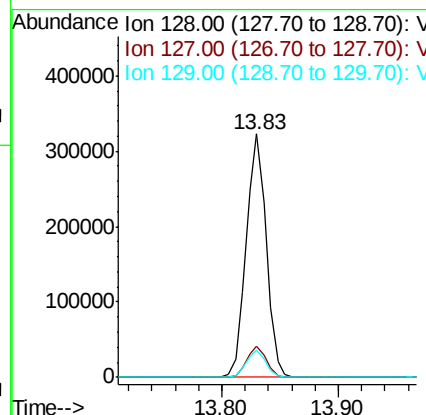
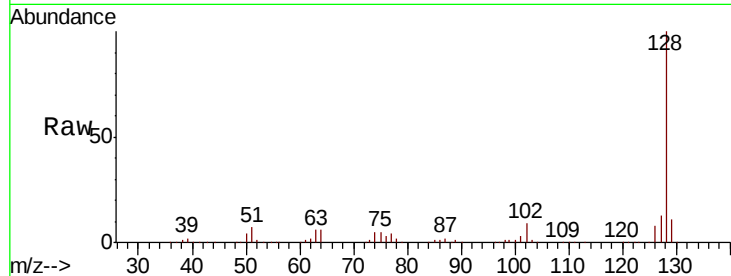
#95
Naphthalene
Concen: 51.200 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/21/2019 11:02:54 AM



#96
1,2,3-Trichlorobenzene
Concen: 54.989 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013123.D
Acq: 18 Oct 2019 13:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.5	142.5
145	34.7	17.4	52.3

