

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
 Data File : VX012984.D
 Acq On : 10 Oct 2019 10:41
 Operator : JC/SP
 Sample : VX1010WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 1:04:53 PM

Quant Time: Oct 11 05:07:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	182538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	299492	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	269537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	127207	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	111251	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
35) Dibromofluoromethane	5.48	113	87604	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
50) Toluene-d8	8.71	98	335934	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
62) 4-Bromofluorobenzene	11.13	95	130585	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	38925	20.920	ug/l	96
3) Chloromethane	1.32	50	41240	20.366	ug/l	98
4) Vinyl Chloride	1.40	62	40777	19.510	ug/l	98
5) Bromomethane	1.63	94	20570	23.676	ug/l	99
6) Chloroethane	1.72	64	25804	20.431	ug/l	98
7) Trichlorofluoromethane	1.92	101	58207	20.634	ug/l	99
8) Diethyl Ether	2.18	74	22875	20.089	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	38415	21.041	ug/l	98
10) Methyl Iodide	2.50	142	32470	19.185	ug/l	98
11) Tert butyl alcohol	3.03	59	51978	85.942	ug/l	99
12) 1,1-Dichloroethene	2.36	96	37215	20.175	ug/l	96
13) Acrolein	2.28	56	30730	71.497	ug/l	99
14) Allyl chloride	2.72	41	64679	19.689	ug/l	100
15) Acrylonitrile	3.13	53	112939	98.538	ug/l	100
16) Acetone	2.43	43	125061	103.995	ug/l	99
17) Carbon Disulfide	2.56	76	96429	18.333	ug/l	100
18) Methyl Acetate	2.76	43	54484	19.114	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	131549	20.651	ug/l	97
20) Methylene Chloride	2.85	84	43345	19.612	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	39620	20.039	ug/l	99
22) Diisopropyl ether	3.84	45	128836	20.467	ug/l	94
23) Vinyl Acetate	3.80	43	554056	101.959	ug/l	99
24) 1,1-Dichloroethane	3.69	63	71830	20.284	ug/l	99
25) 2-Butanone	4.65	43	164171	98.400	ug/l	96
26) 2,2-Dichloropropane	4.57	77	61301	20.585	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	44464	19.510	ug/l	97
28) Bromochloromethane	5.00	49	21400	19.952	ug/l	99
29) Tetrahydrofuran	5.11	42	99581	96.993	ug/l	99
30) Chloroform	5.20	83	73322	20.179	ug/l	98
31) Cyclohexane	5.57	56	67418	20.360	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	61932	20.116	ug/l	99
36) 1,1-Dichloropropene	5.79	75	53823	20.441	ug/l	98
37) Ethyl Acetate	4.81	43	57678	19.589	ug/l	100
38) Carbon Tetrachloride	5.78	117	52607	20.526	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	69633	21.806	ug/l	99
40) Benzene	6.13	78	164350	21.133	ug/l	98
41) Methacrylonitrile	5.03	41	32567	20.129	ug/l	99
42) 1,2-Dichloroethane	6.18	62	59214	21.219	ug/l	99
43) Isopropyl Acetate	6.43	43	97360	20.602	ug/l	99
44) Trichloroethene	7.20	130	43547	20.193	ug/l	96
45) 1,2-Dichloropropane	7.50	63	42128	21.254	ug/l	100
46) Dibromomethane	7.65	93	28234	21.380	ug/l	97
47) Bromodichloromethane	7.89	83	53298	20.681	ug/l	96
48) Methyl methacrylate	7.76	41	46328	20.117	ug/l	99
49) 1,4-Dioxane	7.73	88	22222	382.044	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	301396	102.292	ug/l	100
52) Toluene	8.78	92	106365	21.378	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	58354	19.526	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	65698	20.727	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	40612	20.626	ug/l	95
56) Ethyl methacrylate	9.17	69	66428	19.982	ug/l	99
57) 1,3-Dichloropropane	9.37	76	71446	20.977	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	140773	97.322	ug/l	99
59) 2-Hexanone	9.48	43	233009	101.591	ug/l	100
60) Dibromochloromethane	9.57	129	39519	19.223	ug/l	98
61) 1,2-Dibromoethane	9.67	107	42989	20.755	ug/l	99
64) Tetrachloroethene	9.33	164	41704	22.307	ug/l	96
65) Chlorobenzene	10.14	112	110492	20.643	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	37676	20.301	ug/l	98
67) Ethyl Benzene	10.25	91	199799	21.014	ug/l	98
68) m/p-Xylenes	10.35	106	152301	42.879	ug/l	98
69) o-Xylene	10.70	106	71961	20.775	ug/l	98
70) Styrene	10.71	104	123905	21.042	ug/l	99
71) Bromoform	10.85	173	25459	18.227	ug/l #	97
73) Isopropylbenzene	11.01	105	198116	21.183	ug/l	100
74) N-amyl acetate	10.89	43	79579	19.757	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	61439	19.751	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	53281m	18.884	ug/l	
77) Bromobenzene	11.25	156	45572	20.678	ug/l	95
78) n-propylbenzene	11.35	91	220091	21.386	ug/l	98
79) 2-Chlorotoluene	11.42	91	134479	20.792	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	164357	21.046	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18040	19.183	ug/l	94
82) 4-Chlorotoluene	11.51	91	159050	21.455	ug/l	99
83) tert-Butylbenzene	11.76	119	153228	20.114	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	167306	21.154	ug/l	98
85) sec-Butylbenzene	11.94	105	192188	21.776	ug/l	97
86) p-Isopropyltoluene	12.06	119	173668	21.217	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	81943	20.022	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	83077	20.043	ug/l	100
89) n-Butylbenzene	12.39	91	149629	21.750	ug/l	99
90) Hexachloroethane	12.59	117	27105	19.240	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	79626	19.846	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13626	18.689	ug/l	93

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	50389	20.048	ug/l	99
94) Hexachlorobutadiene	13.78	225	23289	20.078	ug/l	99
95) Naphthalene	13.83	128	172949	19.850	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	52954	20.388	ug/l	97

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

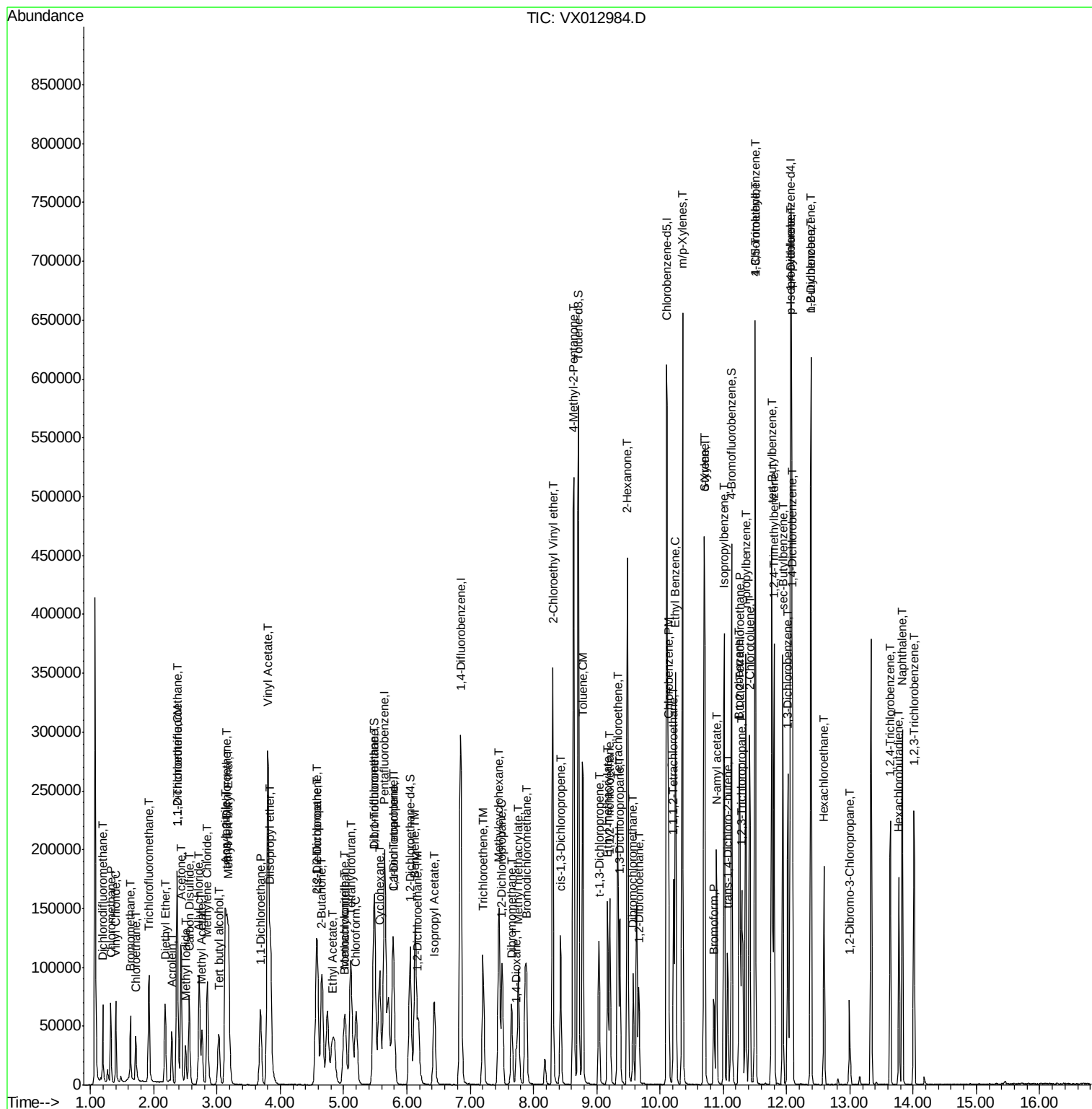
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101019\
Data File : VX012984.D
Acq On : 10 Oct 2019 10:41
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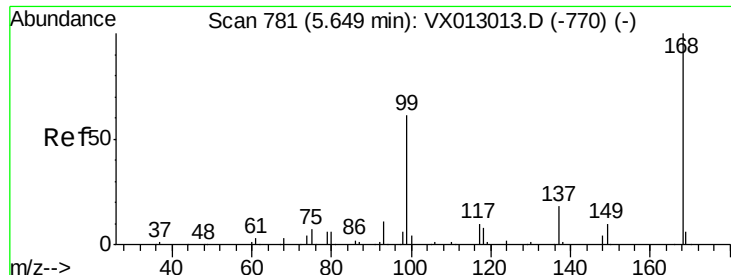
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Manual Integrations APPROVED

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10/14/2019 1:04:53 PM

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Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

Tot Ion:168 Resp: 182538

Ion Ratio Lower Upper

168 100

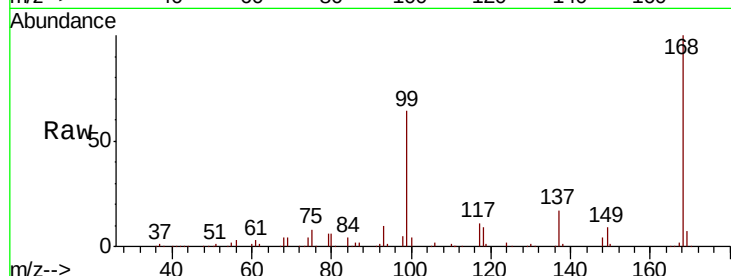
99 63.8 49.4 74.0

Manual Integrations

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10/14/2019 1:04:53 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

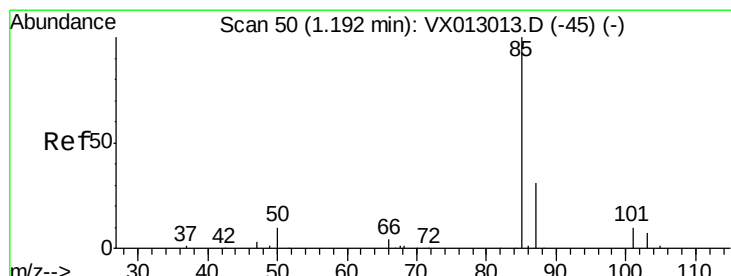
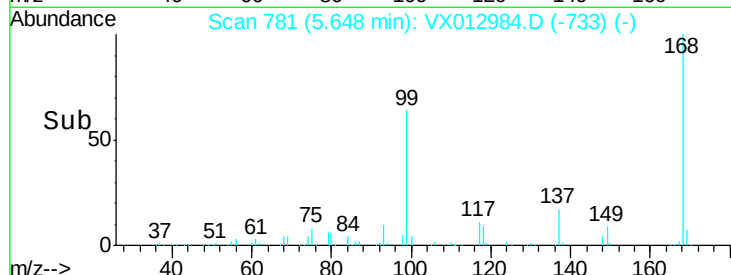
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.920 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX012984.D

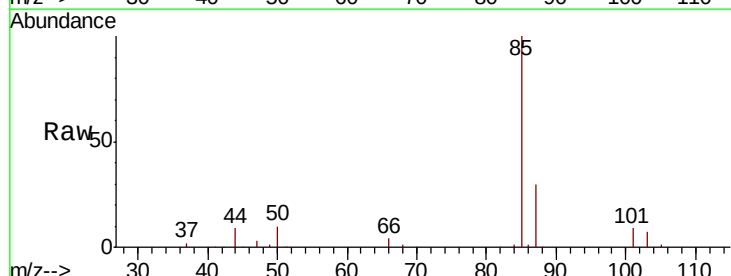
Acq: 10 Oct 2019 10:41

Tgt Ion: 85 Resp: 38925

Ion Ratio Lower Upper

85 100

87 30.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

40000

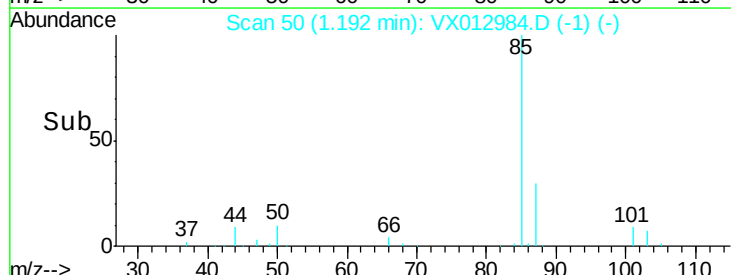
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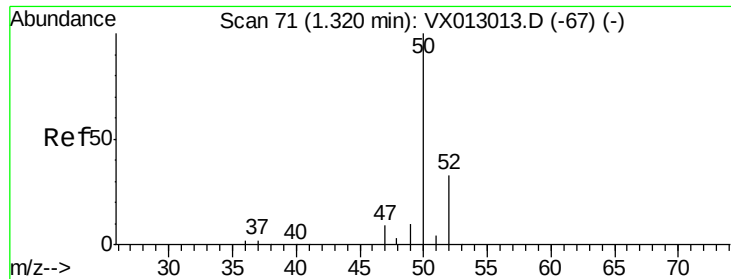
20000

10000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 20.366 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

Tot Ion: 50 Resp: 41240

Ion Ratio Lower Upper

50 100

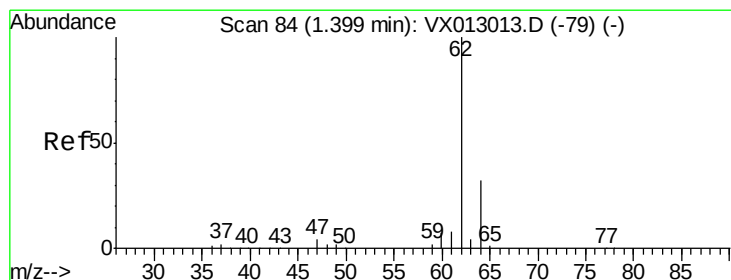
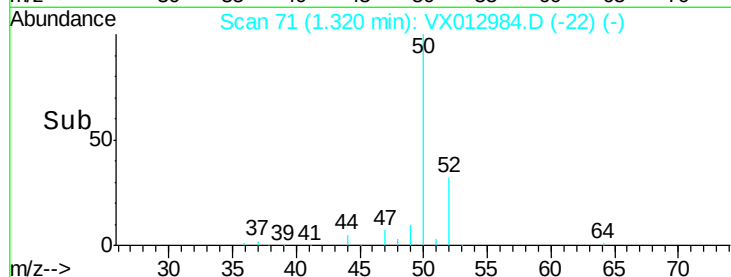
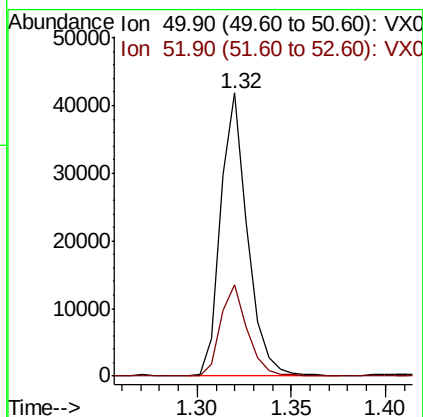
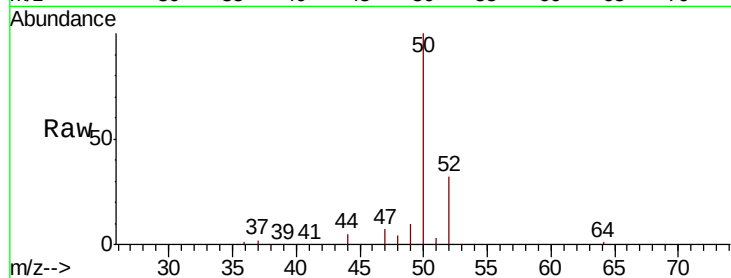
52 32.4 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.510 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012984.D

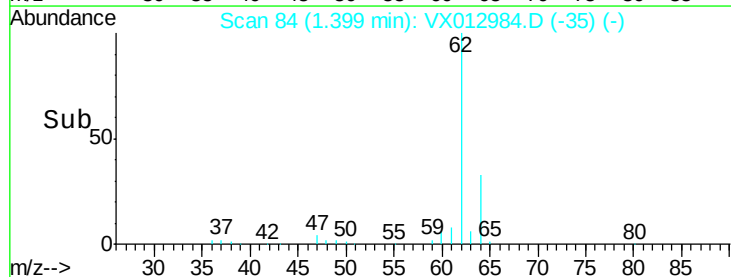
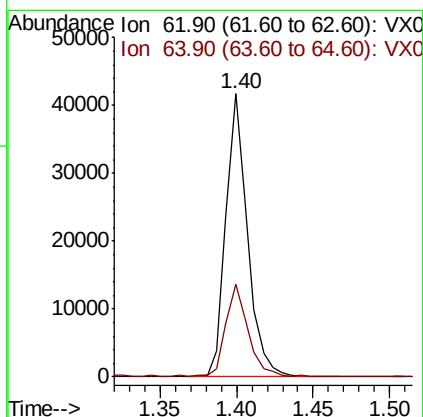
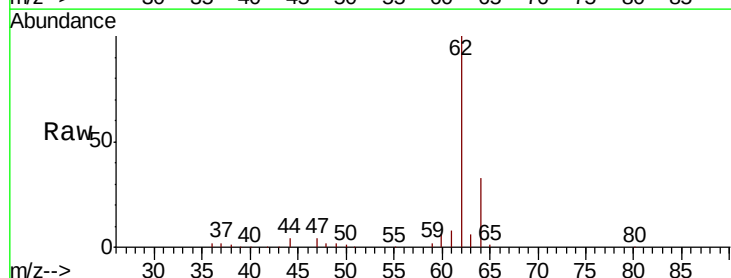
Acq: 10 Oct 2019 10:41

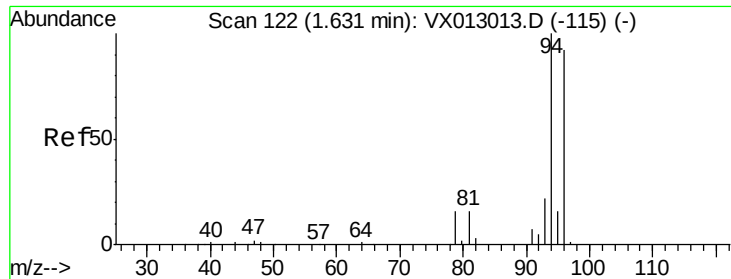
Tgt Ion: 62 Resp: 40777

Ion Ratio Lower Upper

62 100

64 32.8 25.3 37.9





#5

Bromomethane

Concen: 23.676 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

Tot Ion: 94 Resp: 20570

Ion Ratio Lower Upper

94 100

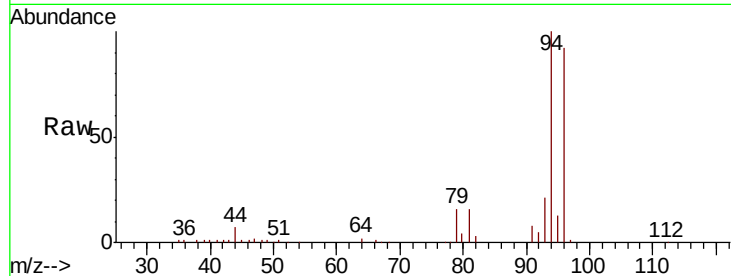
96 92.4 74.7 112.1

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

20000

15000

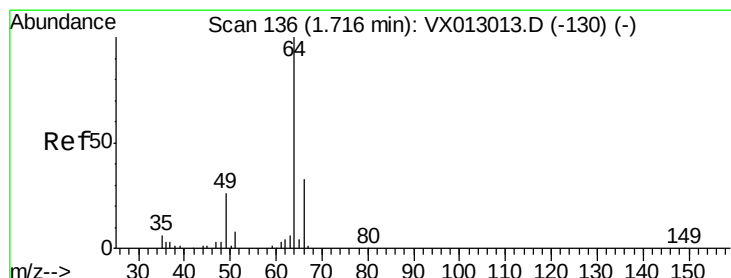
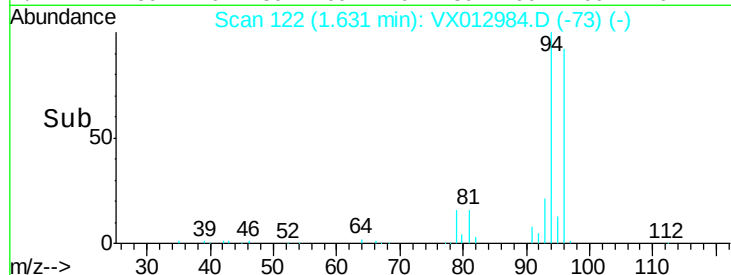
10000

5000

0

Time-->

1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 20.431 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012984.D

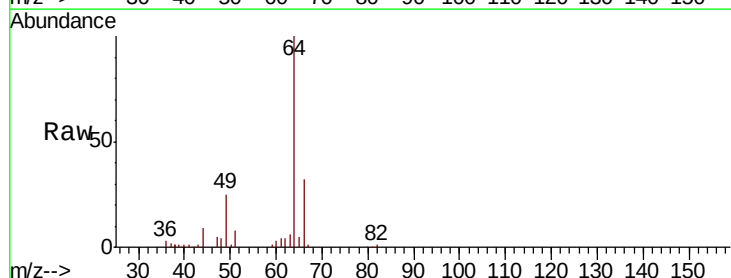
Acq: 10 Oct 2019 10:41

Tgt Ion: 64 Resp: 25804

Ion Ratio Lower Upper

64 100

66 32.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

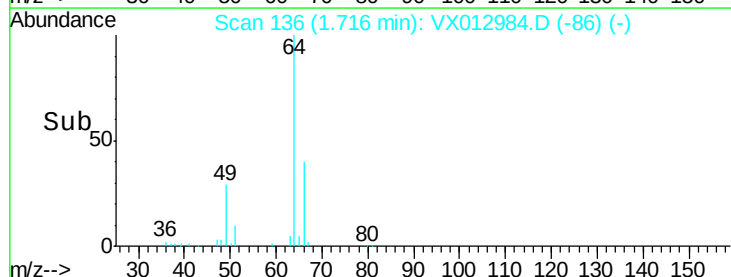
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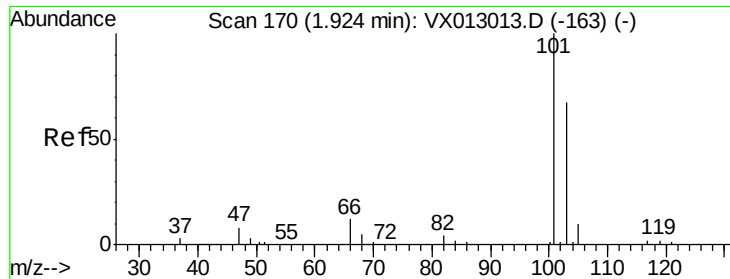
5000

0

Time-->

1.65 1.70 1.75 1.80





#7

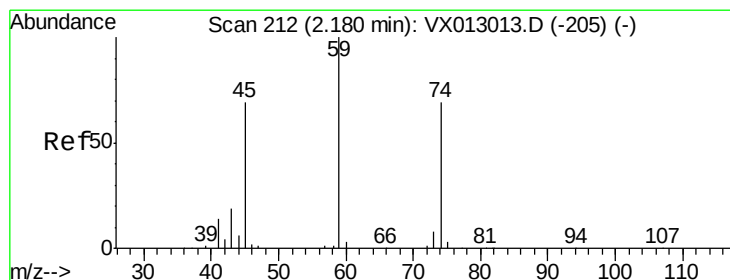
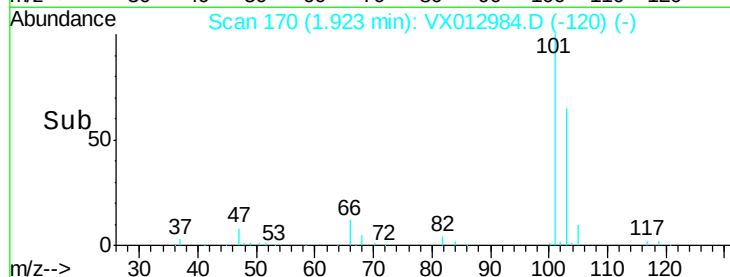
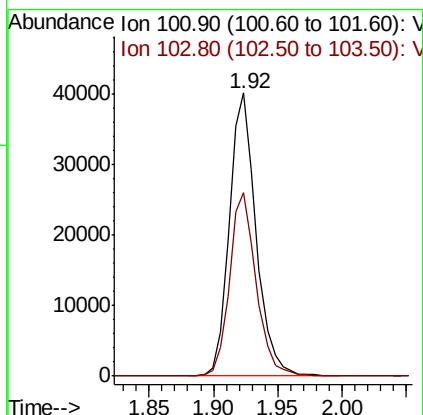
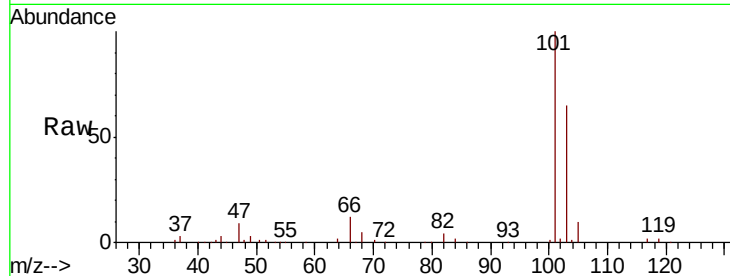
Trichlorofluoromethane
Concen: 20.634 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.5	78.7

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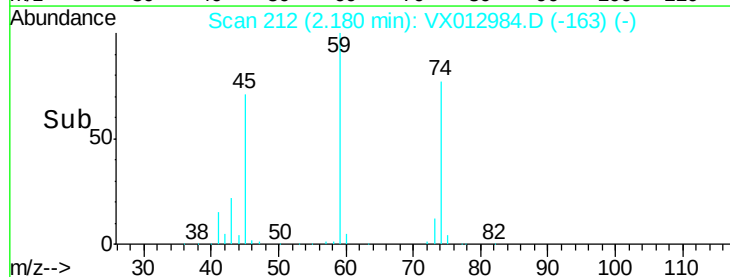
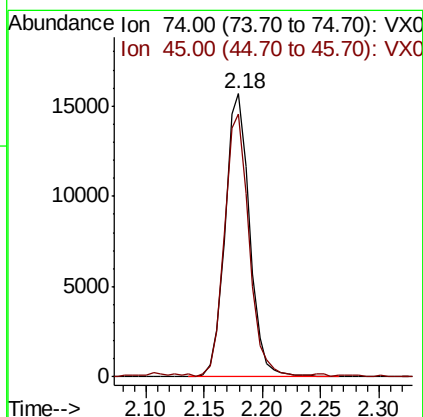
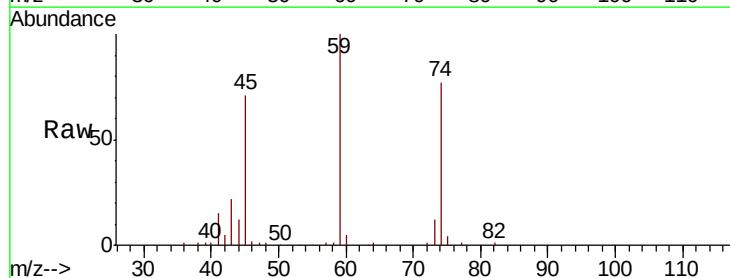
MMDadoda
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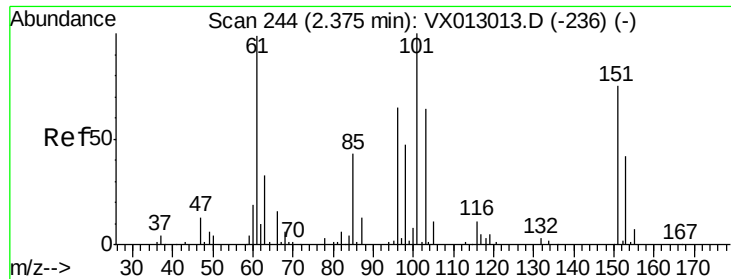


#8

Diethyl Ether
Concen: 20.089 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.6	47.8	143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.041 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

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MSVOA_X

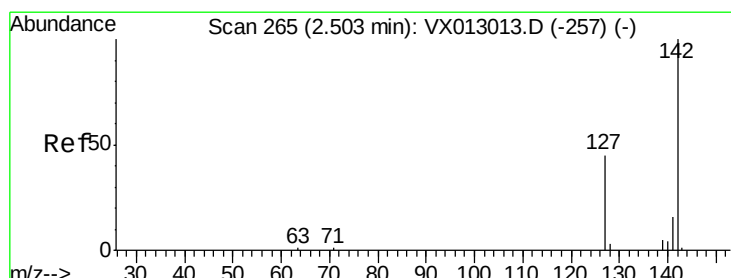
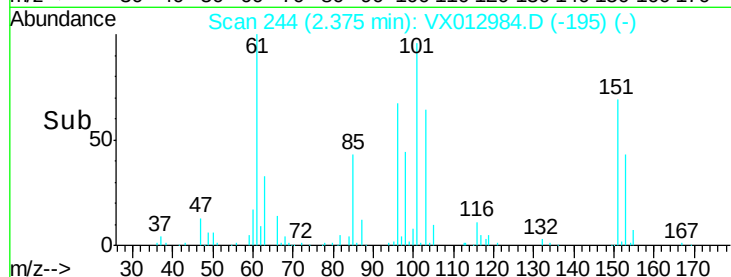
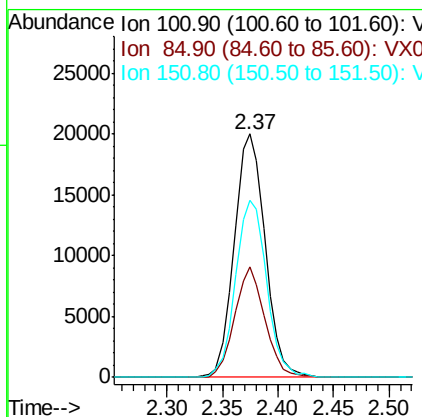
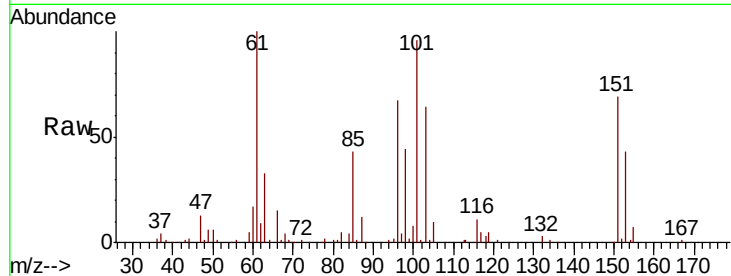
ClientSampleId :

VX1010WBS01

Tot Ion:	101	Resp:	38415
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.2	52.8
151	73.0	60.3	90.5

Manual Integrations
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#10

Methyl Iodide

Concen: 19.185 ug/l

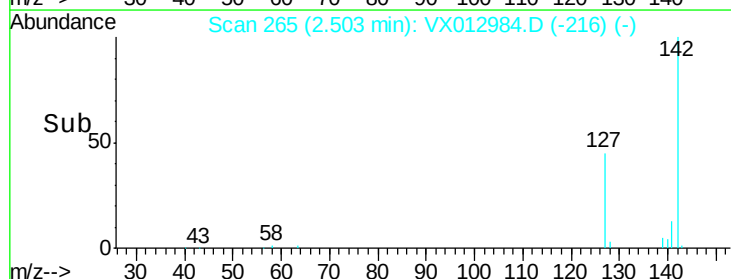
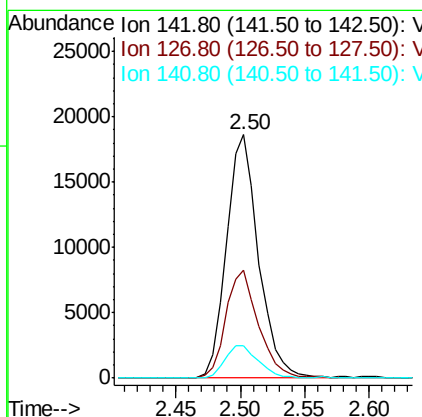
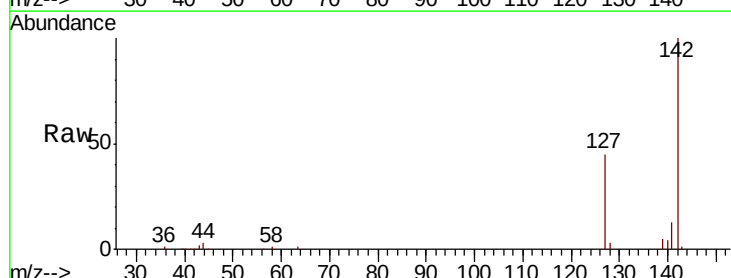
RT: 2.50 min Scan# 265

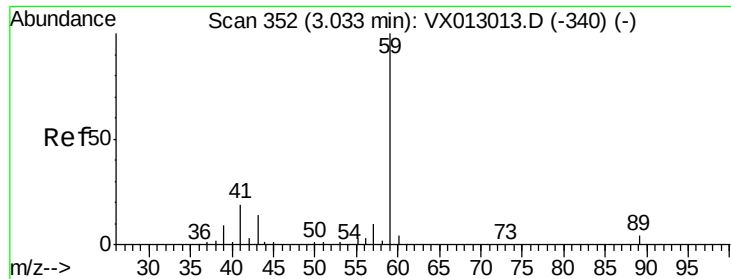
Delta R.T. 0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Tgt Ion:	142	Resp:	32470
Ion Ratio	Lower	Upper	
142	100		
127	44.9	34.9	52.3
141	13.8	11.6	17.4





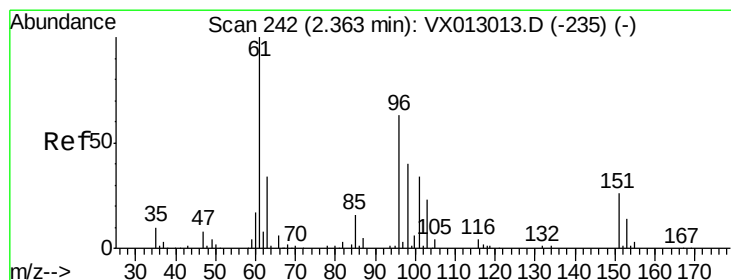
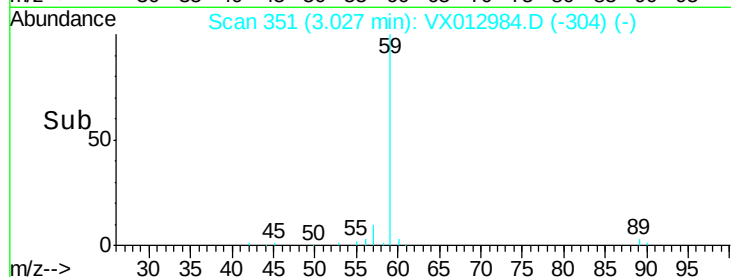
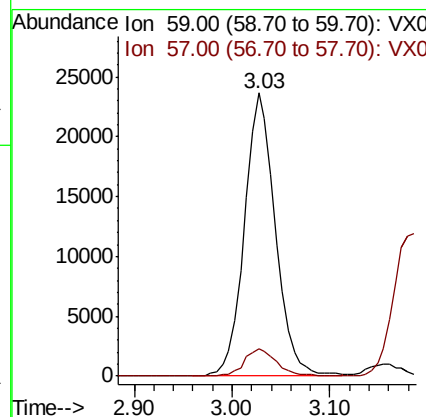
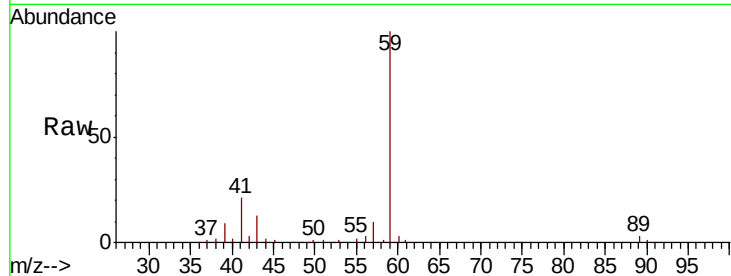
#11
Tert butyl alcohol
Concen: 85.942 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.3	12.5

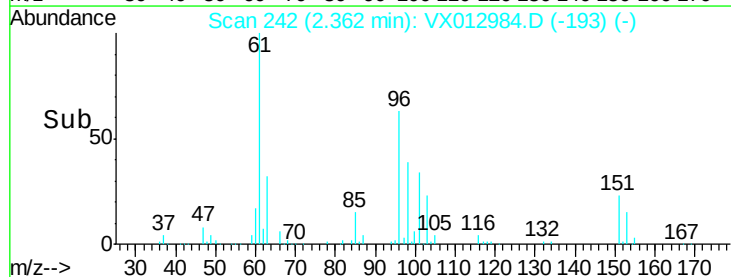
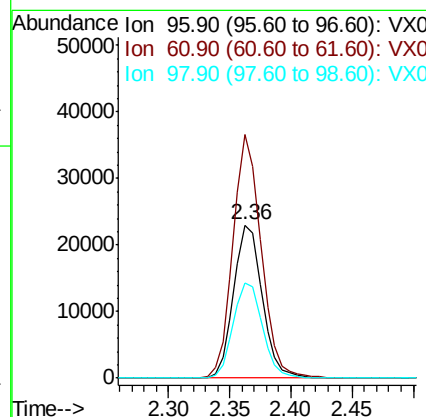
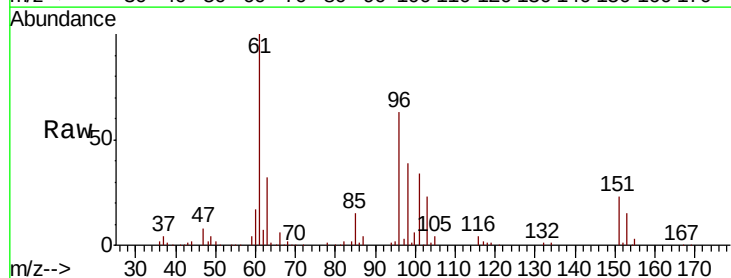
Manual Integrations
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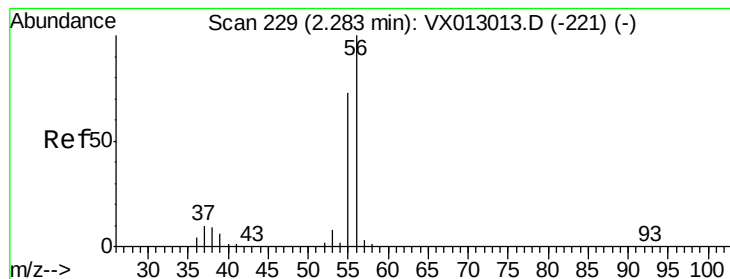
MMDadoda
10/14/2019 1:04:53 PM



#12
1,1-Dichloroethene
Concen: 20.175 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.9	132.2	198.4
98	61.8	50.5	75.7





#13

Acrolein

Concen: 71.497 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

Tot Ion: 56 Resp: 30730

Ion Ratio Lower Upper

56 100

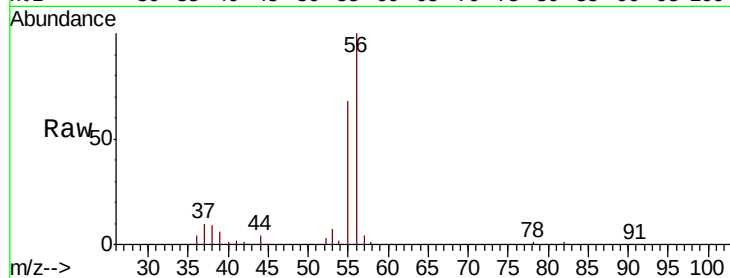
55 69.8 56.6 85.0

Manual Integrations

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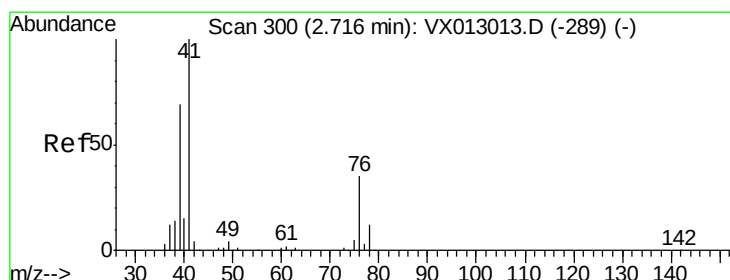
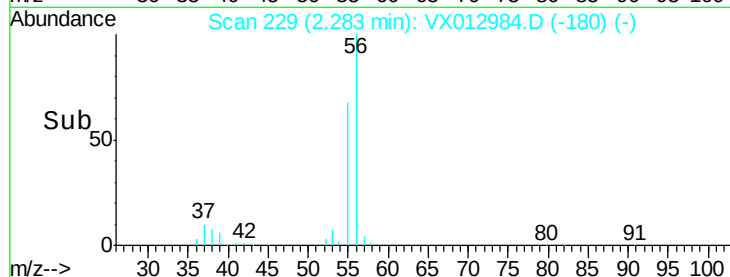
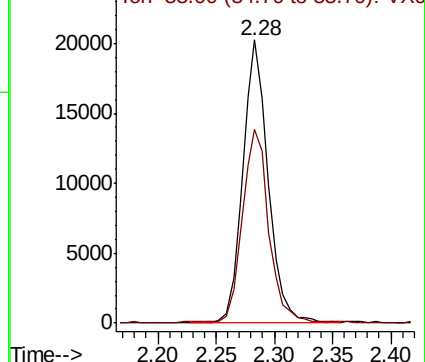
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.689 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

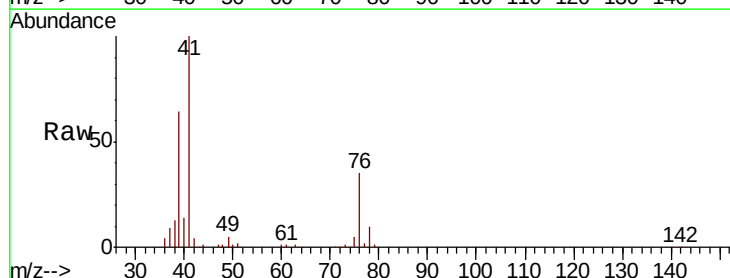
Tgt Ion: 41 Resp: 64679

Ion Ratio Lower Upper

41 100

39 63.4 51.0 76.6

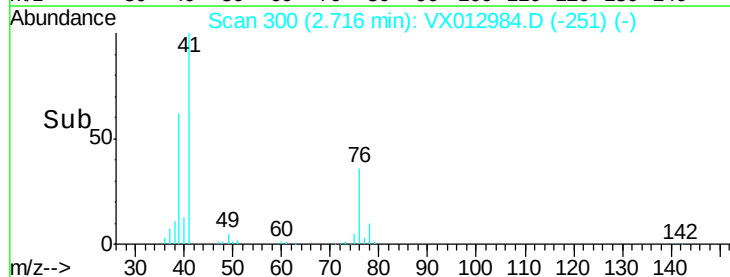
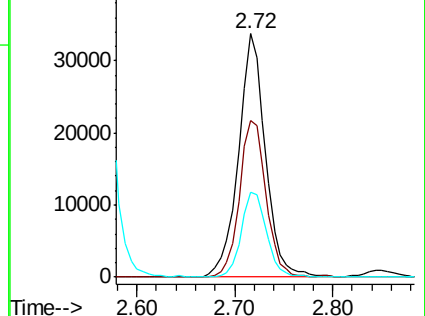
76 32.7 26.2 39.4

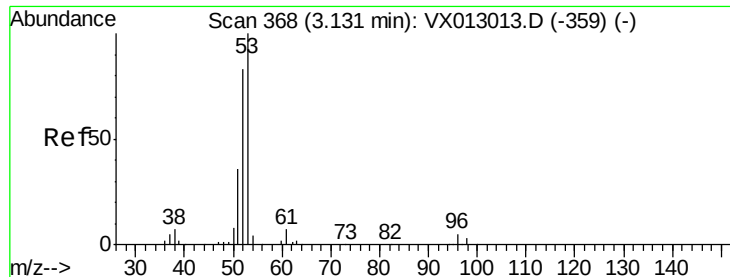


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





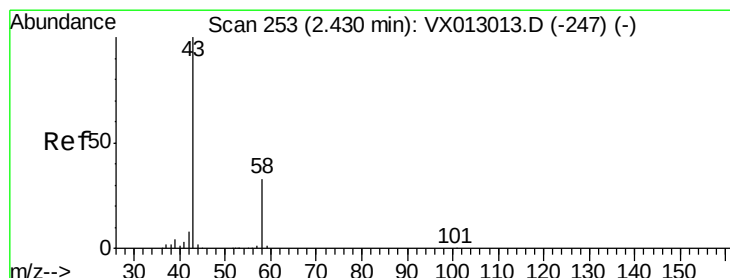
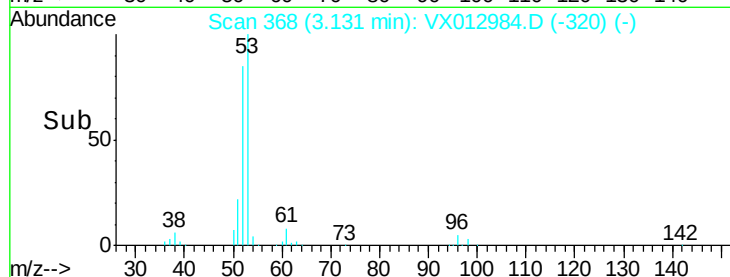
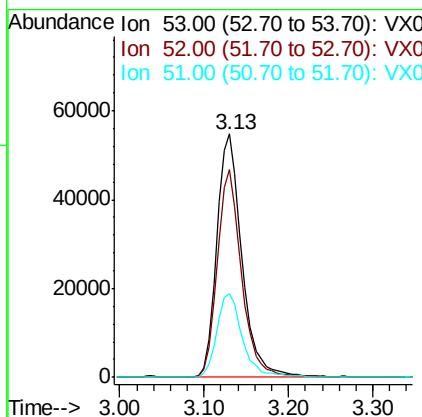
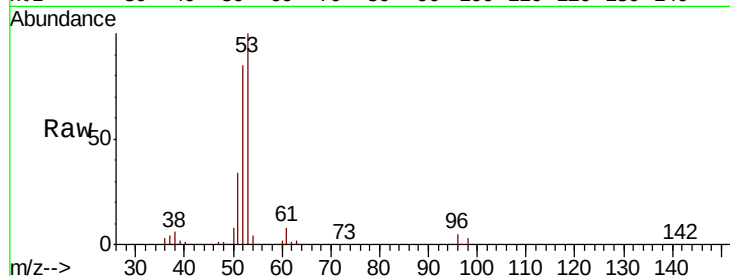
#15
 Acrylonitrile
 Concen: 98.538 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.2	99.2
51	35.3	28.2	42.4

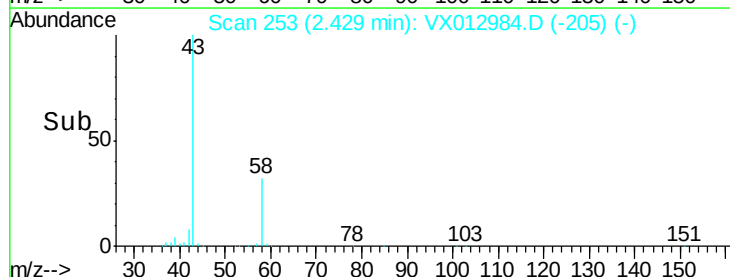
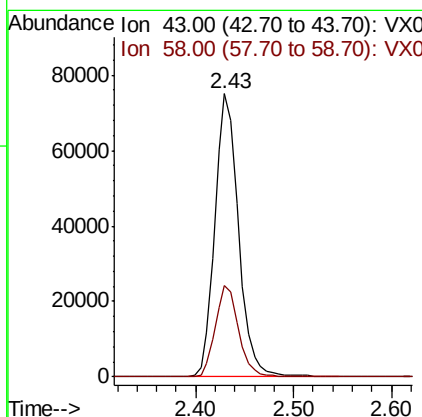
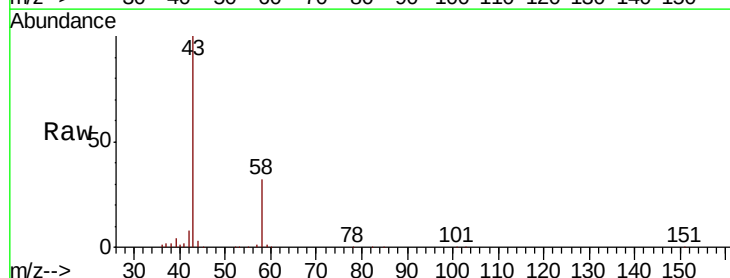
Manual Integrations
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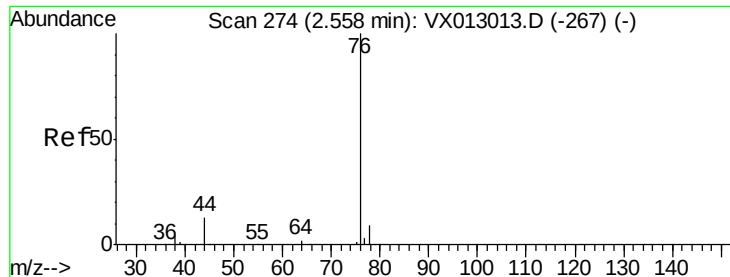
MMDadoda
 10/14/2019 1:04:53 PM



#16
 Acetone
 Concen: 103.995 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.2	25.4	38.2





#17

Carbon Disulfide

Concen: 18.333 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

Tot Ion: 76 Resp: 96429

Ion Ratio Lower Upper

76 100

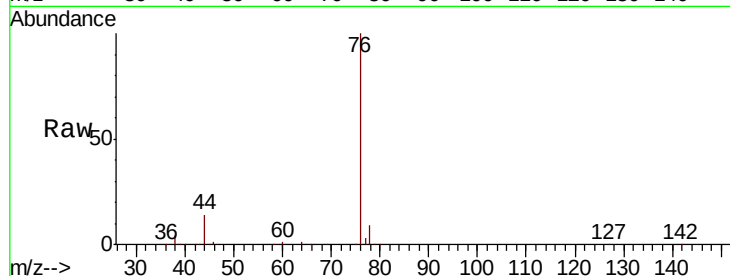
78 9.1 7.1 10.7

Manual Integrations

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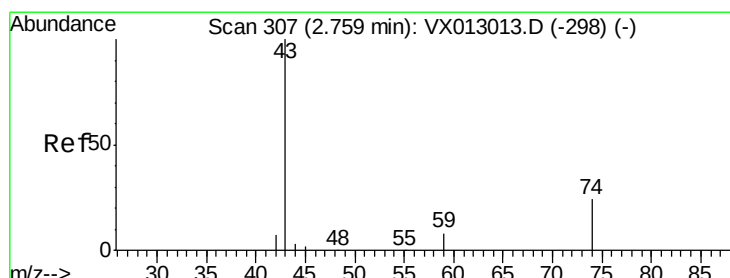
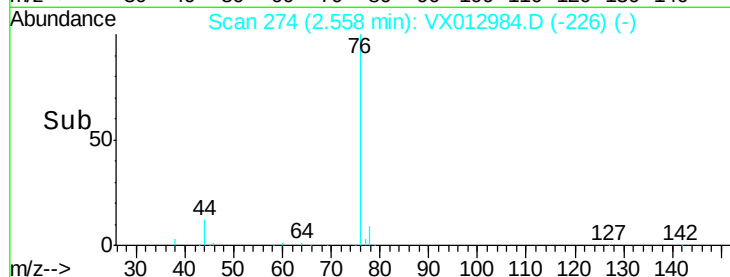
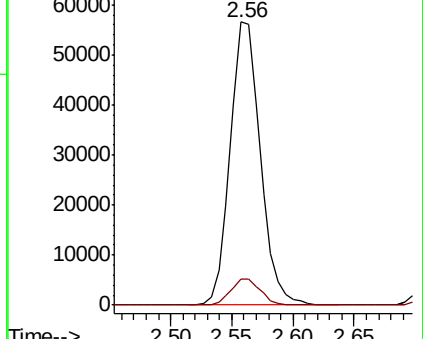
MMDadoda

10/14/2019 1:04:53 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.114 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012984.D

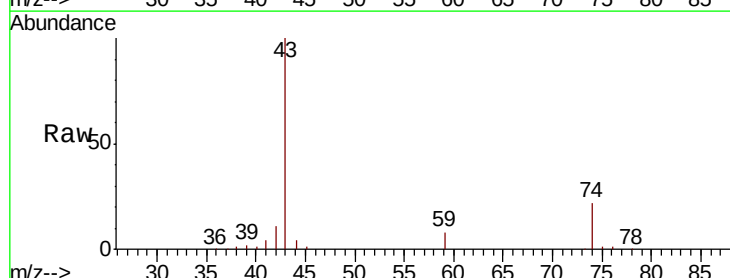
Acq: 10 Oct 2019 10:41

Tgt Ion: 43 Resp: 54484

Ion Ratio Lower Upper

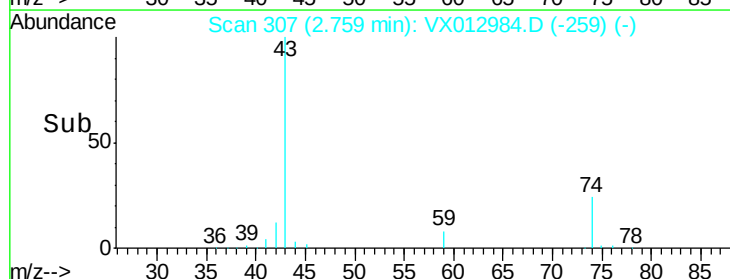
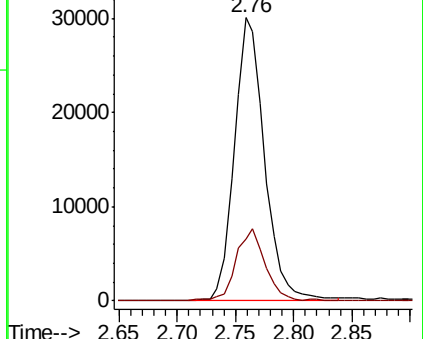
43 100

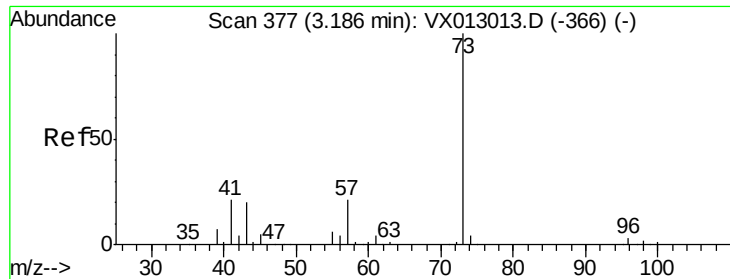
74 25.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





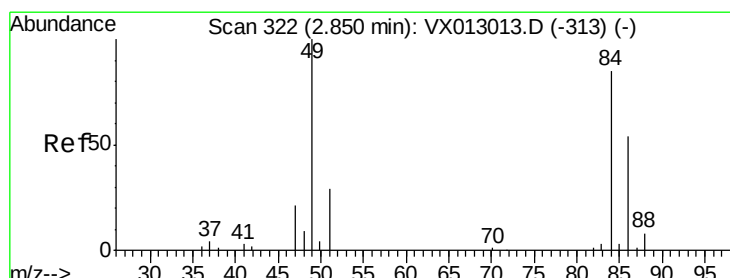
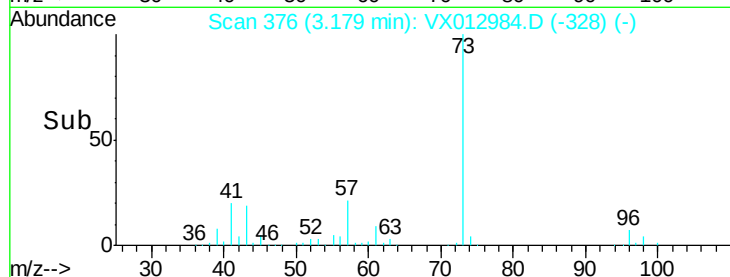
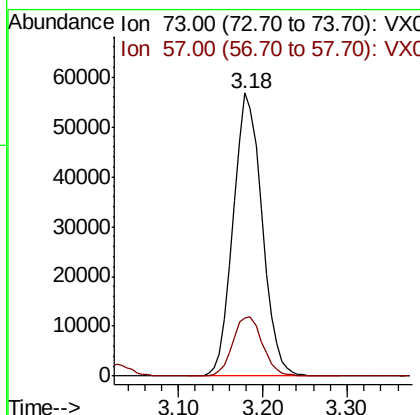
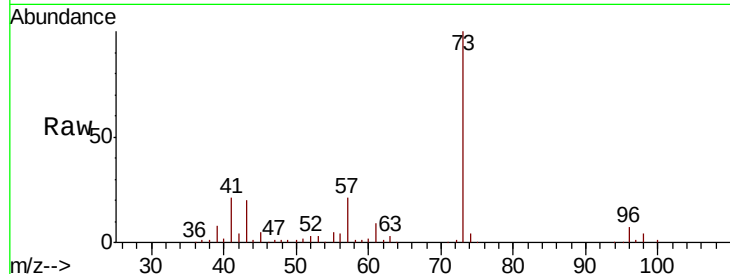
#19
Methyl tert-butyl Ether
Concen: 20.651 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tot Ion: 73 Resp: 131549
Ion Ratio Lower Upper
73 100
57 20.6 17.8 26.6

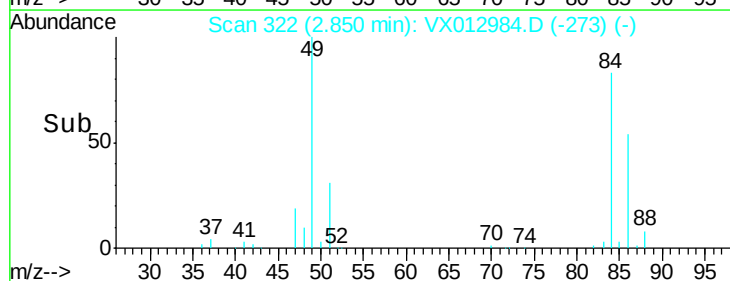
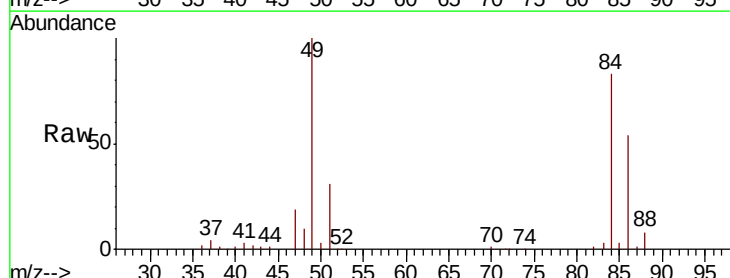
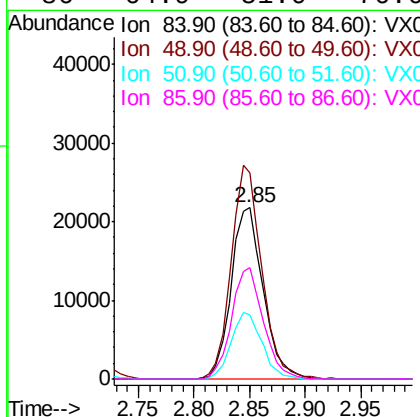
Manual Integrations
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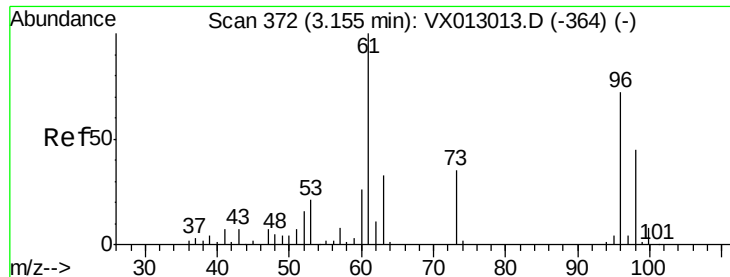
MMDadoda
10/14/2019 1:04:53 PM



#20
Methylene Chloride
Concen: 19.612 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion: 84 Resp: 43345
Ion Ratio Lower Upper
84 100
49 120.8 96.6 144.8
51 37.7 30.7 46.1
86 64.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.039 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

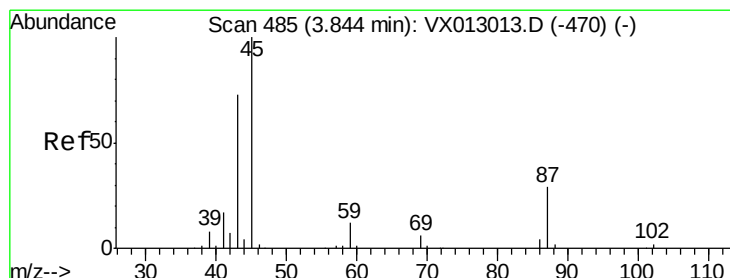
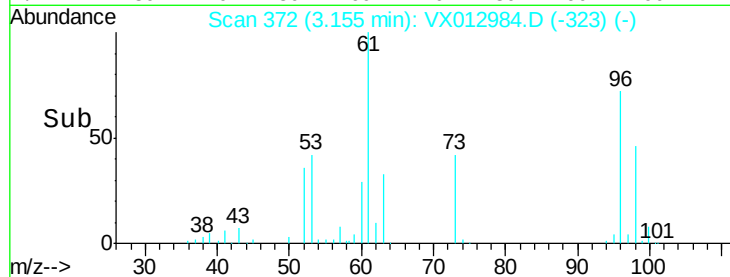
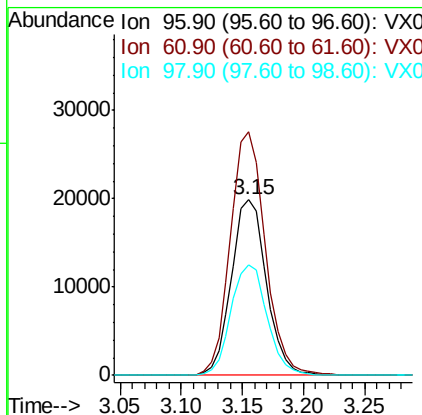
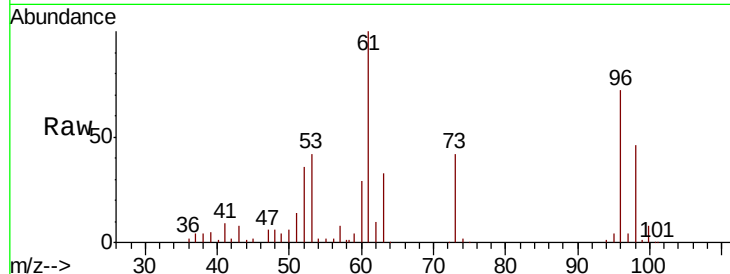
ClientSampleId :

VX1010WBS01

Tot Ion:	96	Resp:	39620
Ion	Ratio	Lower	Upper
96	100		
61	138.7	110.4	165.6
98	63.2	51.5	77.3

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.467 ug/l

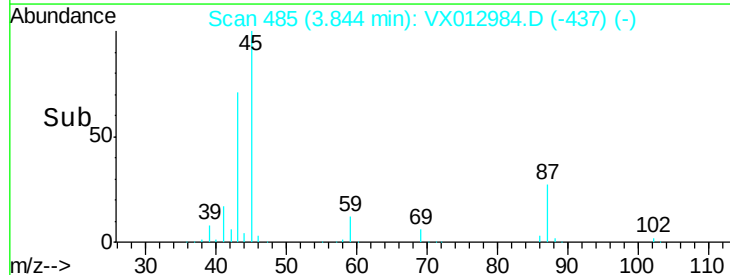
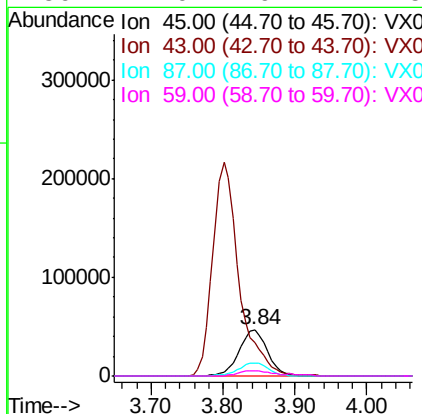
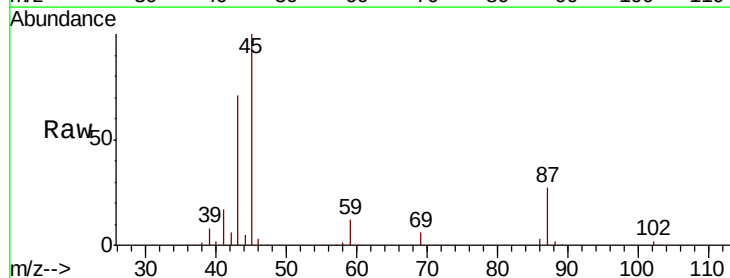
RT: 3.84 min Scan# 485

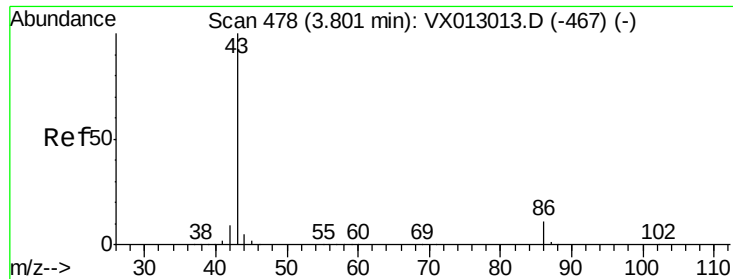
Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Tgt Ion:	45	Resp:	128836
Ion	Ratio	Lower	Upper
45	100		
43	70.5	51.4	77.0
87	27.0	22.5	33.7
59	12.0	9.7	14.5





#23

Vinyl Acetate

Concen: 101.959 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

Tot Ion: 43 Resp: 554056

Ion Ratio Lower Upper

43 100

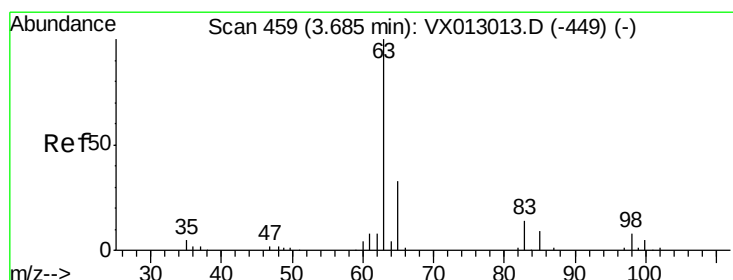
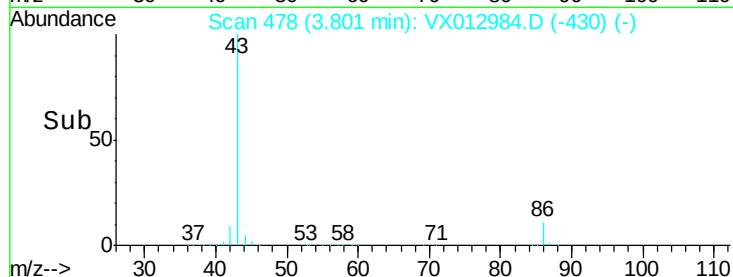
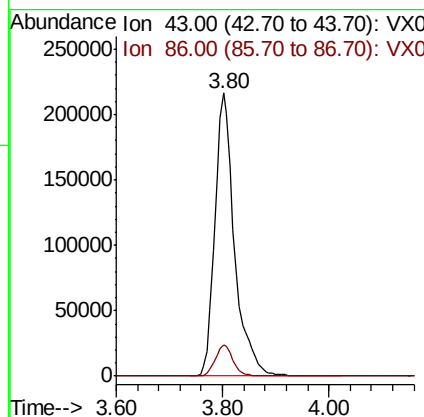
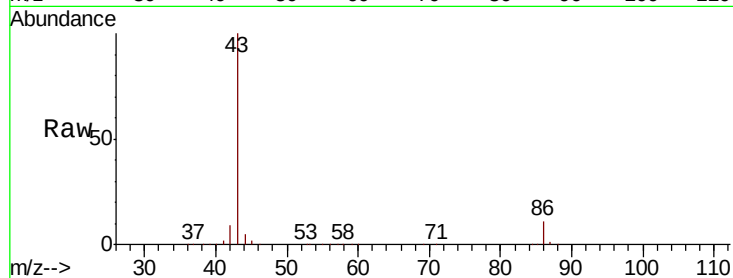
86 11.1 9.0 13.6

Manual Integrations

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10/14/2019 1:04:53 PM



#24

1,1-Dichloroethane

Concen: 20.284 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

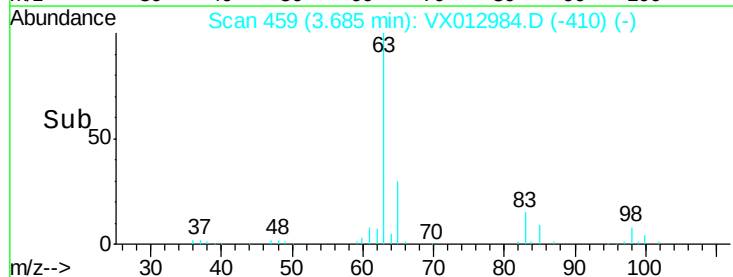
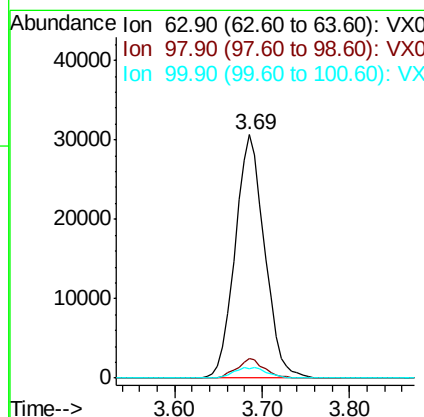
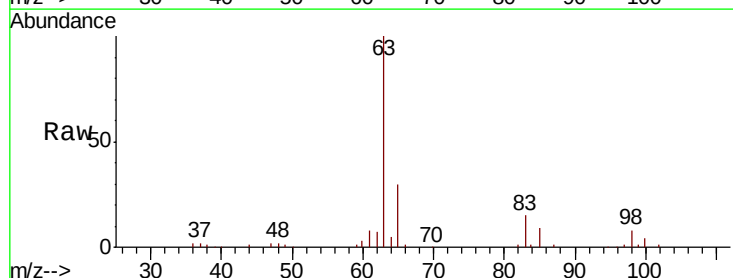
Tgt Ion: 63 Resp: 71830

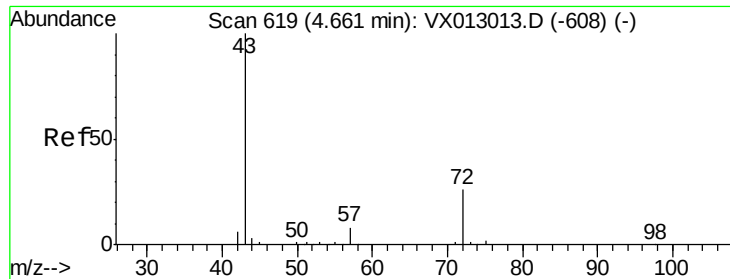
Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.5

100 3.7 2.3 6.9





#25

2-Butanone

Concen: 98.400 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

Tot Ion: 43 Resp: 164171

Ion Ratio Lower Upper

43 100

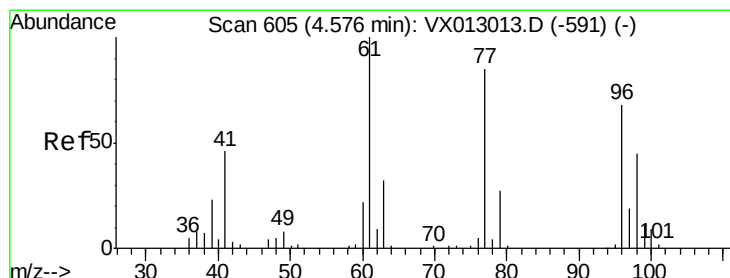
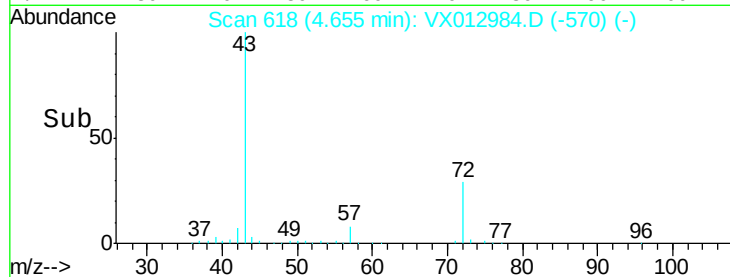
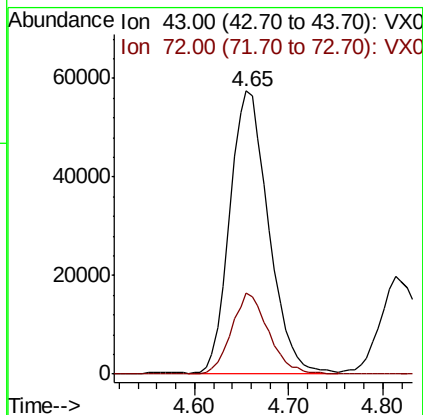
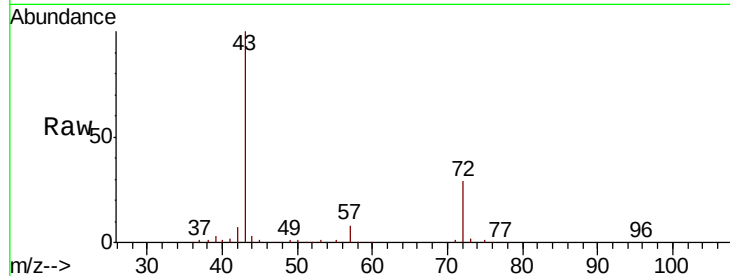
72 28.4 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.585 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012984.D

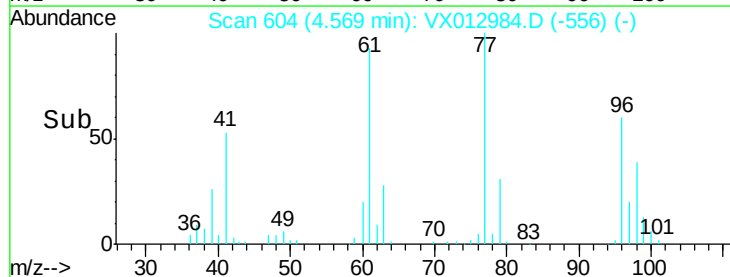
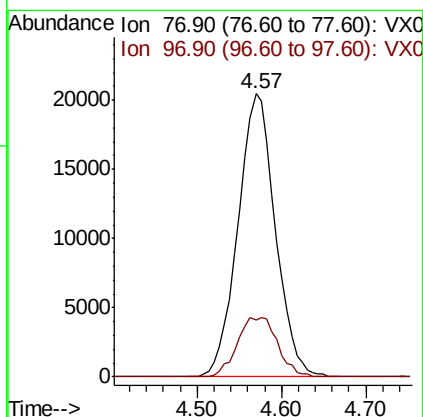
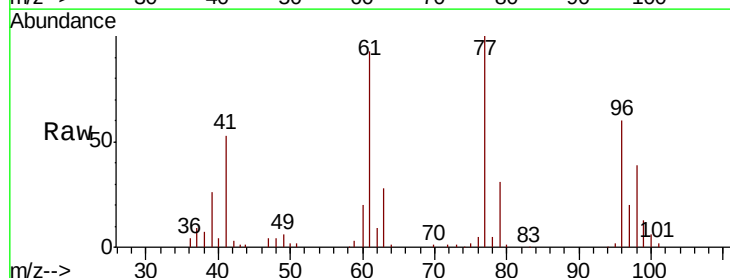
Acq: 10 Oct 2019 10:41

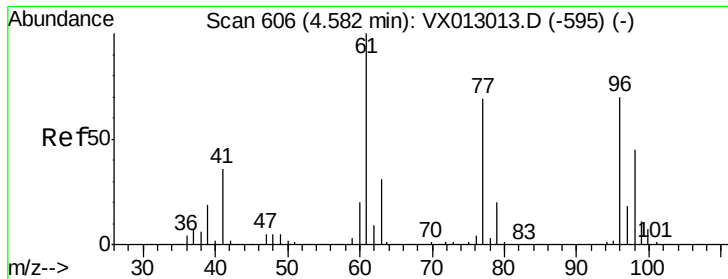
Tgt Ion: 77 Resp: 61301

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.9





#27

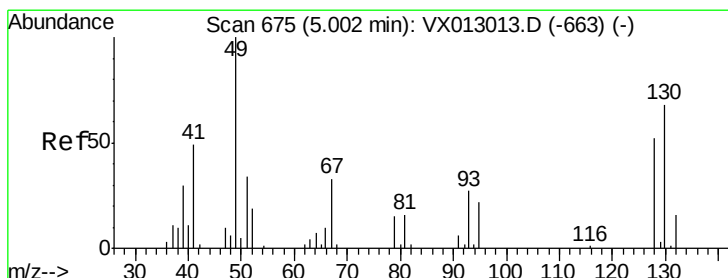
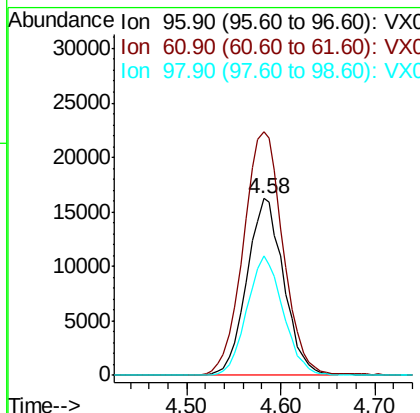
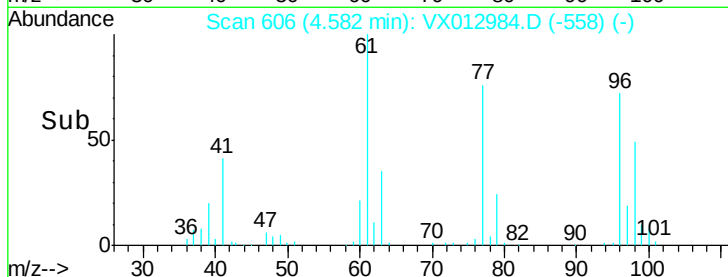
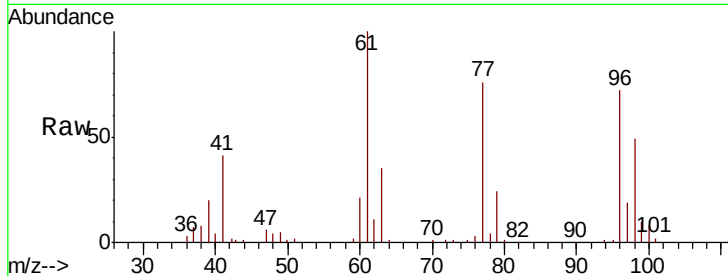
cis-1,2-Dichloroethene
Concen: 19.510 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.1	0.0	290.6
98	66.4	0.0	128.8

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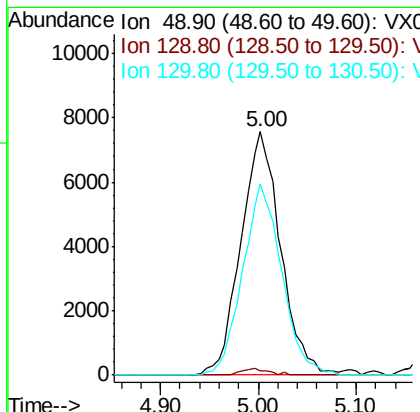
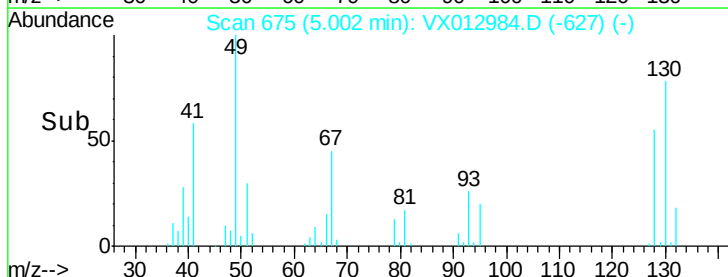
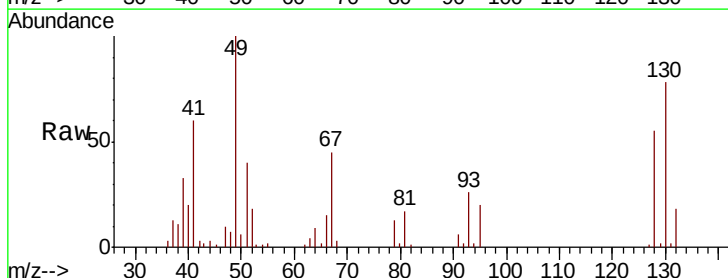
MMDadoda
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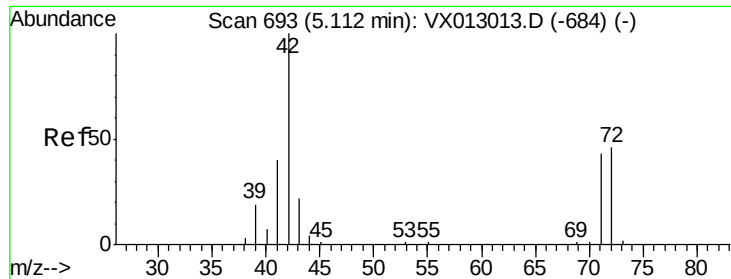


#28

Bromochloromethane
Concen: 19.952 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.2
130	76.9	62.1	93.1





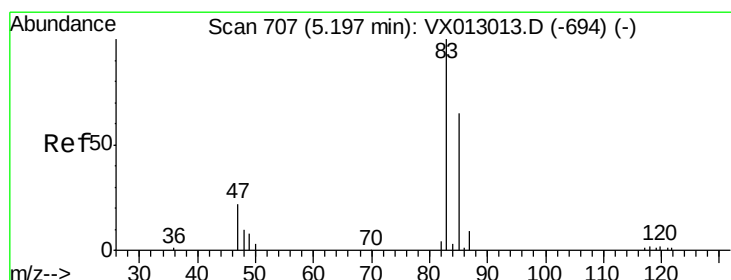
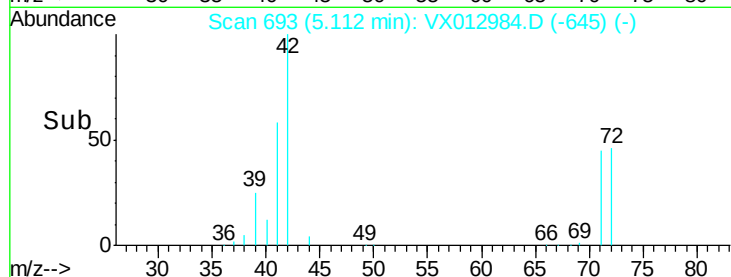
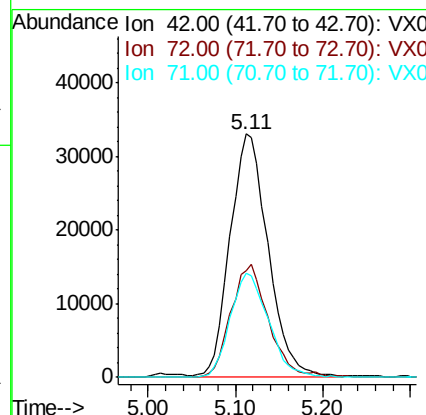
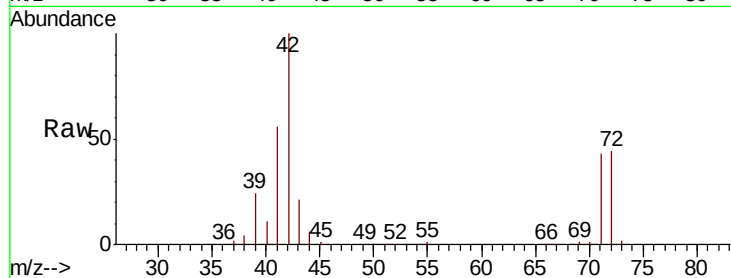
#29
Tetrahydrofuran
Concen: 96.993 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	36.9	55.3
71	43.3	33.5	50.3

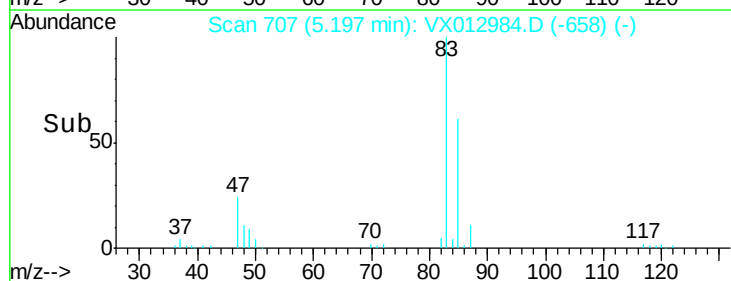
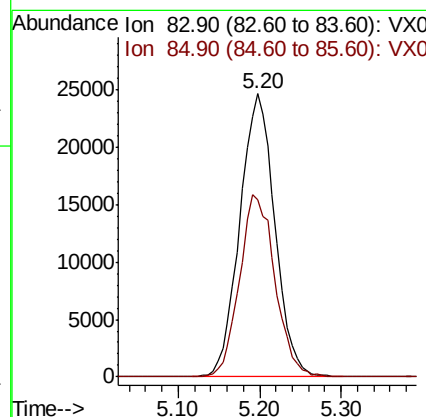
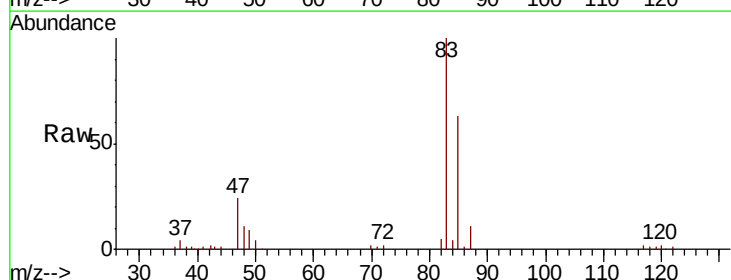
Manual Integrations
APPROVED

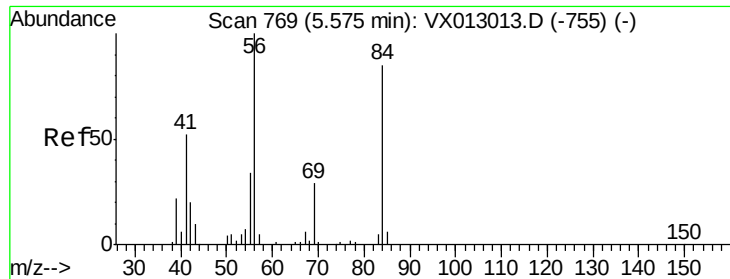
MMDadoda
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#30
Chloroform
Concen: 20.179 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.5	77.3





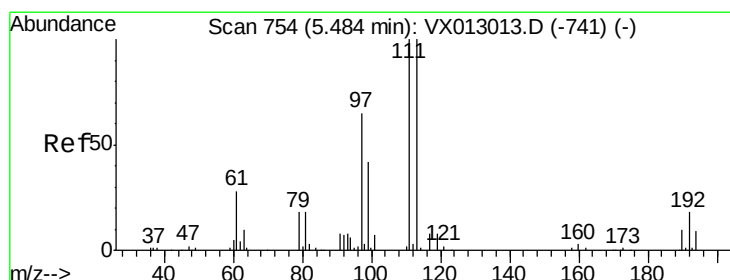
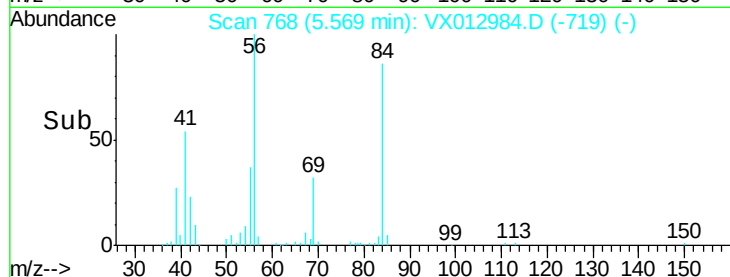
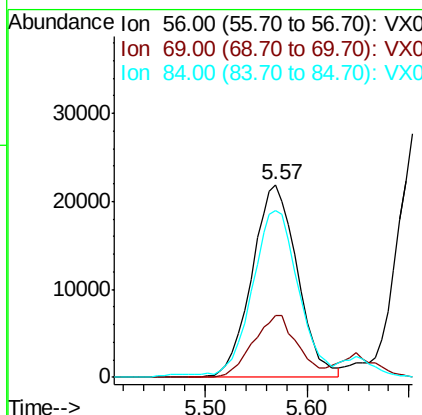
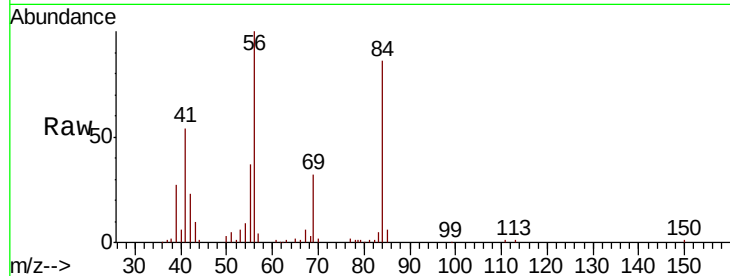
#31
Cyclohexane
Concen: 20.360 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.2	37.8
84	84.7	71.3	106.9

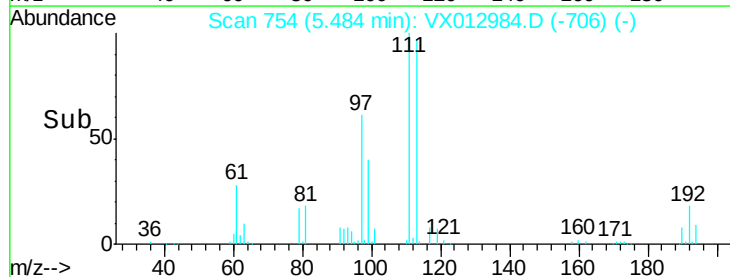
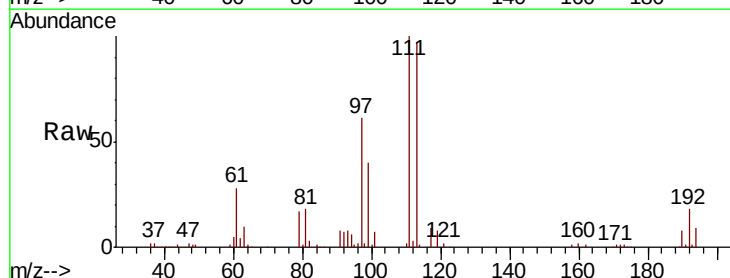
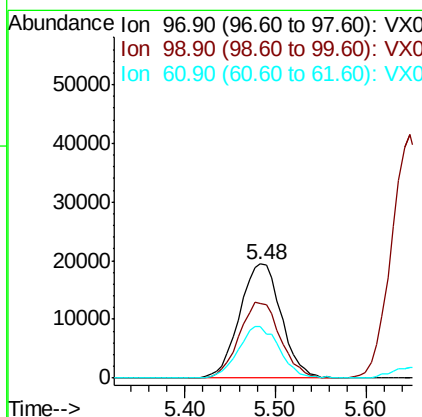
Manual Integrations
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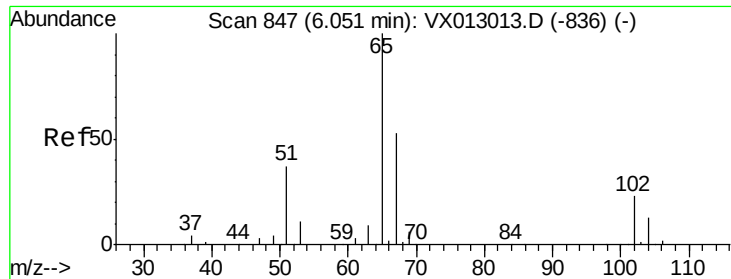
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#32
1,1,1-Trichloroethane
Concen: 20.116 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.7	52.3	78.5
61	44.4	35.0	52.4





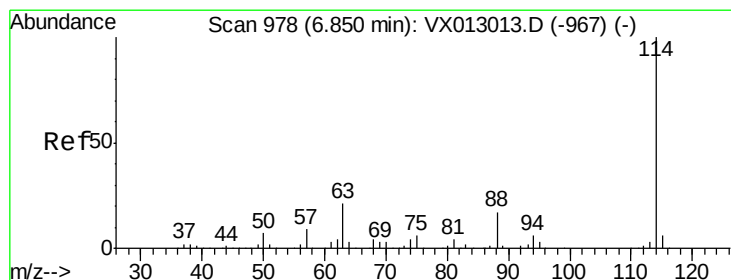
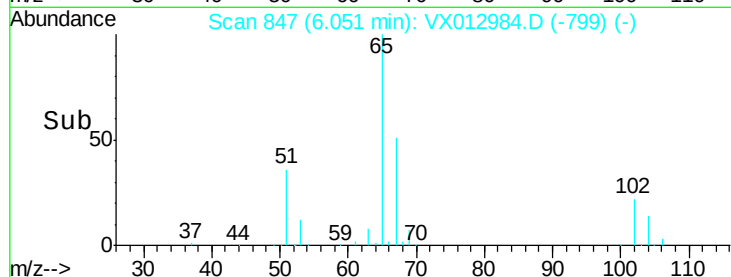
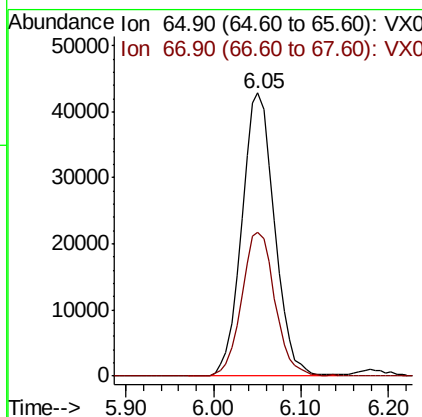
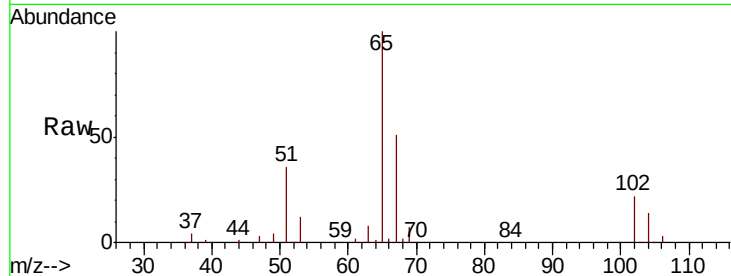
#33
 1,2-Dichloroethane-d4
 Concen: 48.762 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	111251		
67	51.6	0.0	104.4	

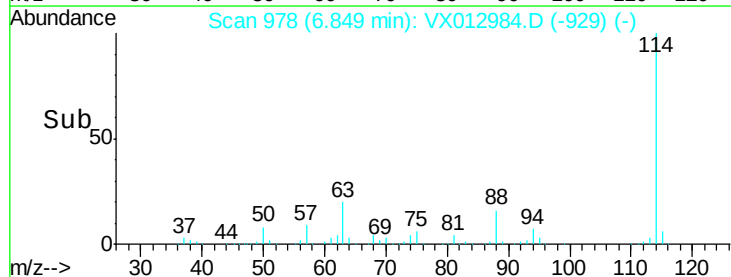
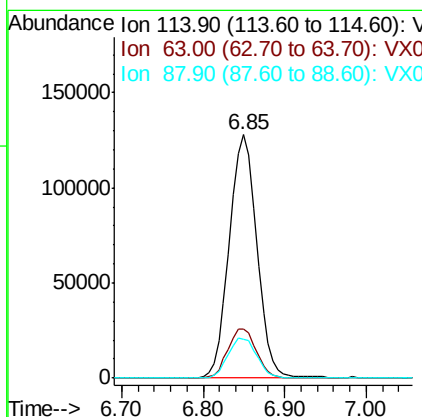
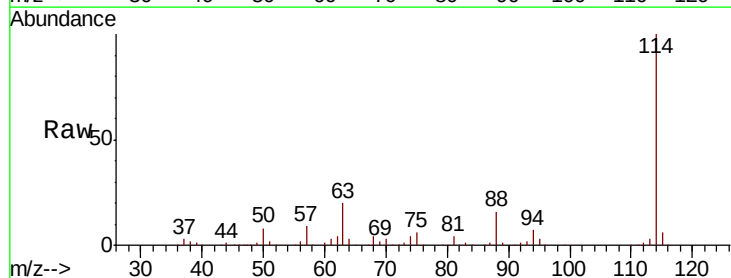
Manual Integrations
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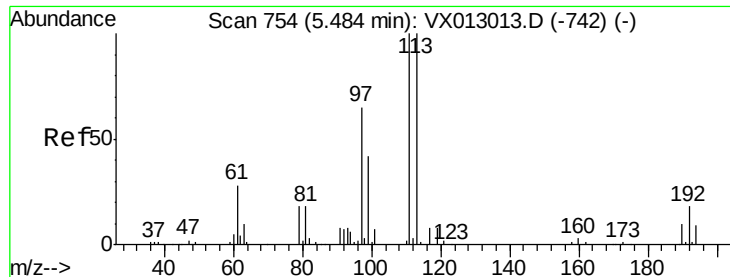
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	299492		
63	20.2	0.0	40.8	
88	16.2	0.0	33.8	





#35

Dibromofluoromethane

Concen: 50.964 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

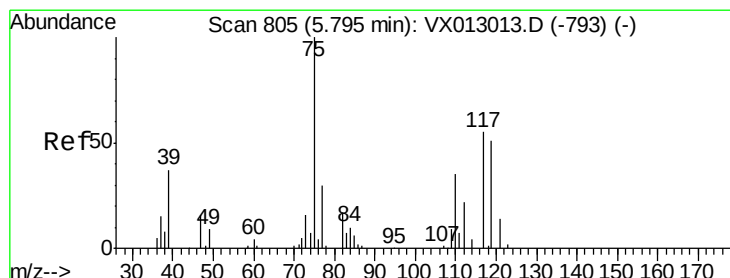
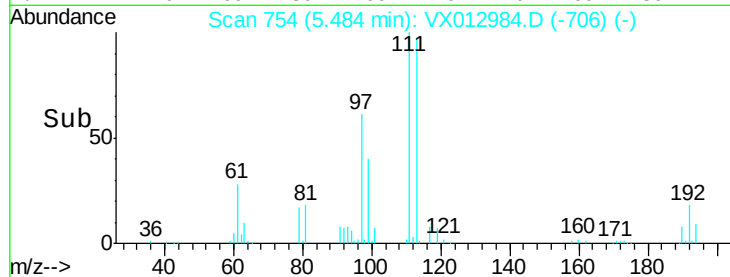
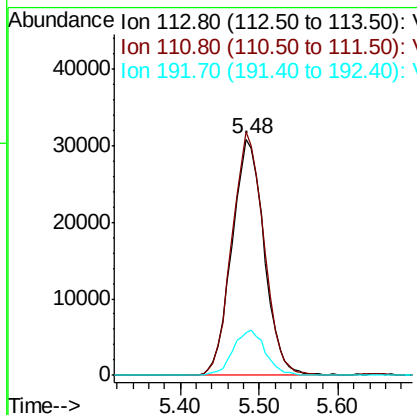
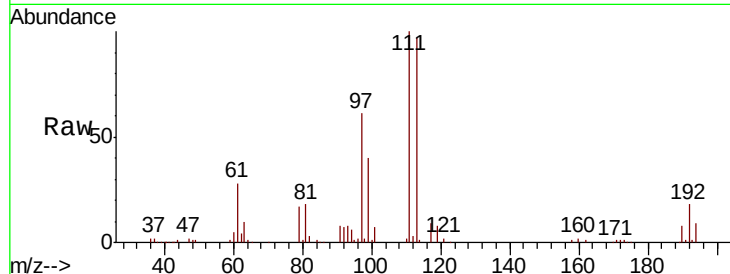
ClientSampleId :

VX1010WBS01

Tot Ion:	113	Resp:	87604
Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.2	124.8
192	19.2	15.4	23.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.441 ug/l

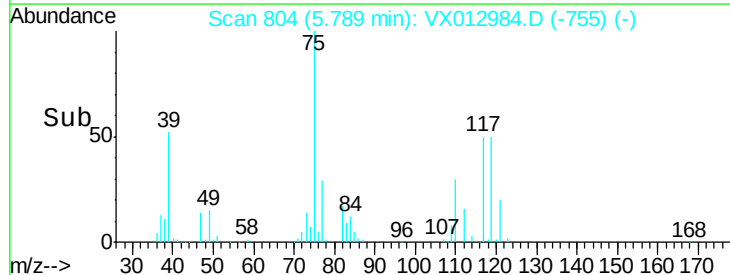
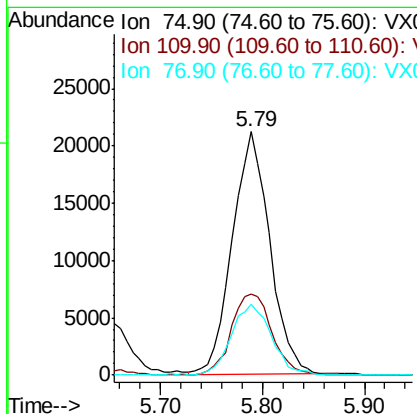
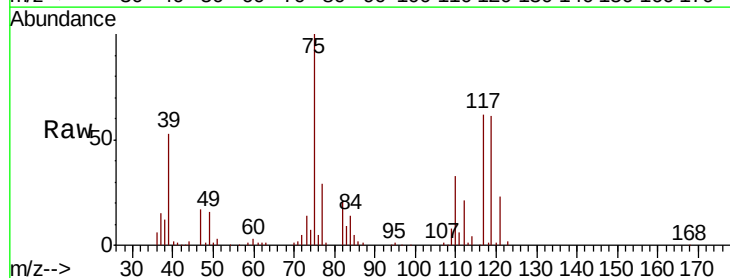
RT: 5.79 min Scan# 804

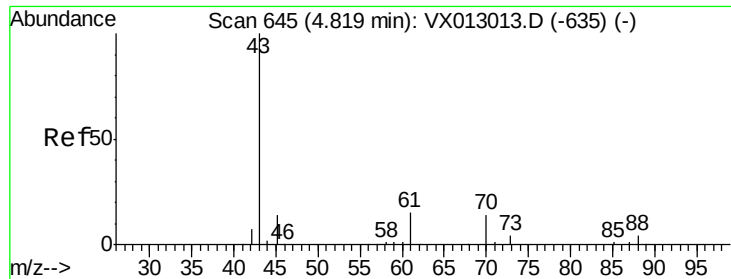
Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Tgt Ion:	75	Resp:	53823
Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.6	52.9
77	31.3	24.4	36.6





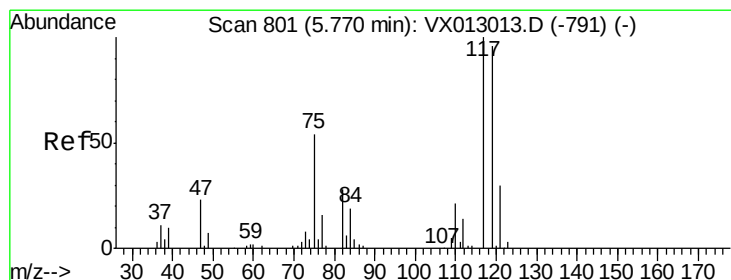
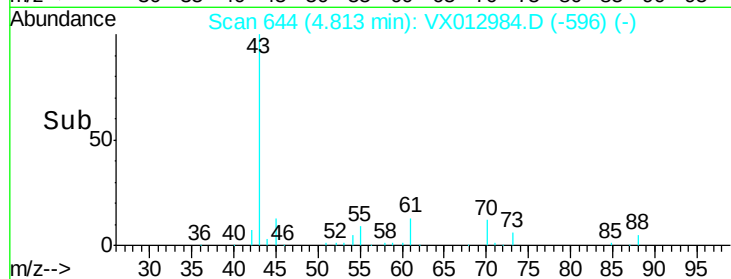
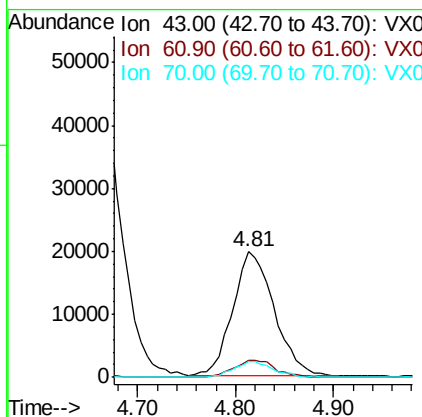
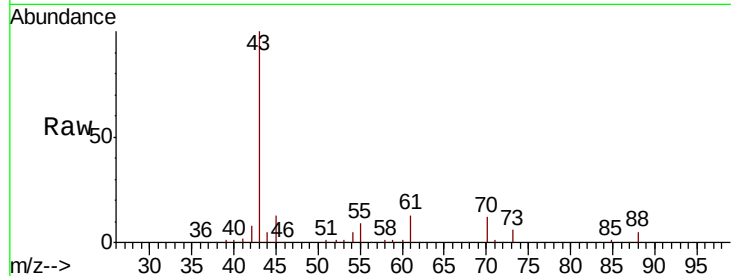
#37
Ethyl Acetate
Concen: 19.589 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.4	17.0
70	12.3	9.8	14.6

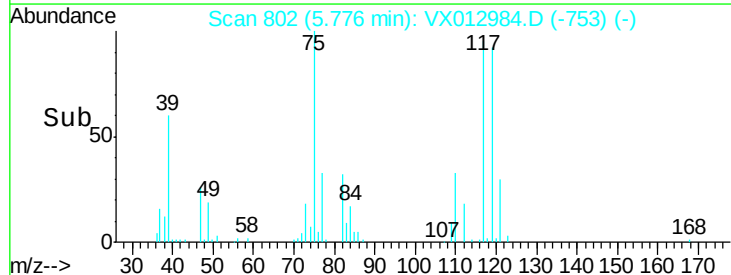
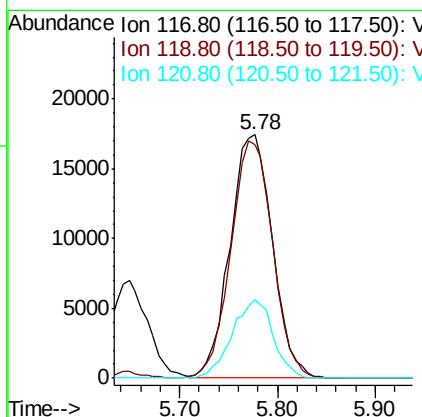
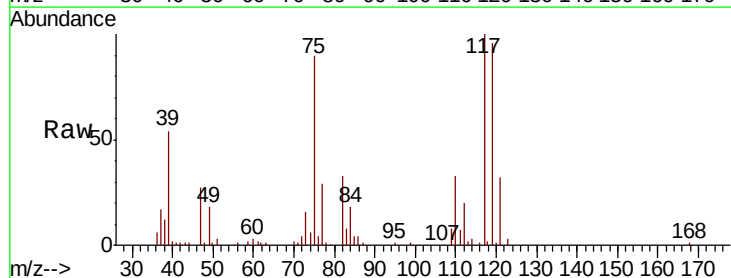
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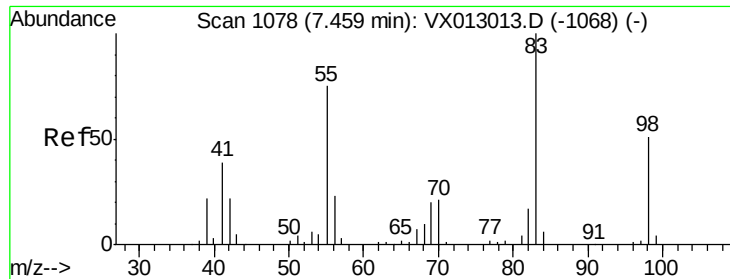
MMDadoda
10/14/2019 1:04:53 PM



#38
Carbon Tetrachloride
Concen: 20.526 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	74.5	111.7
121	32.2	24.2	36.4





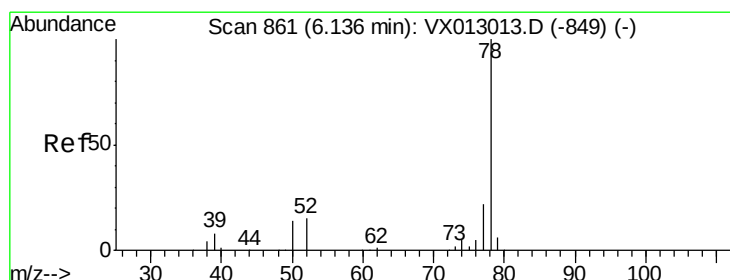
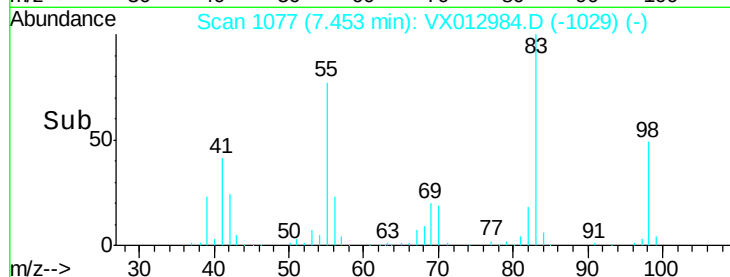
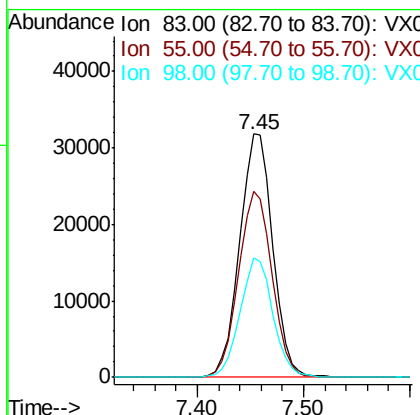
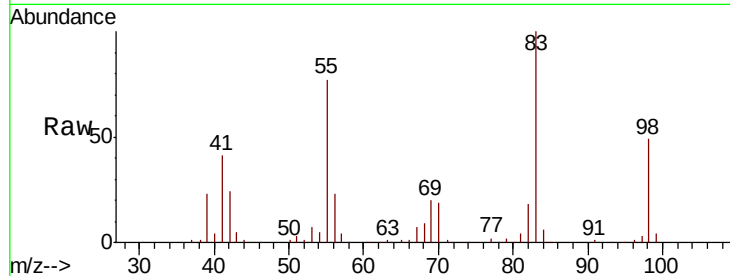
#39
Methylvlcyclohexane
Concen: 21.806 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	60.2	90.4
98	48.9	38.5	57.7

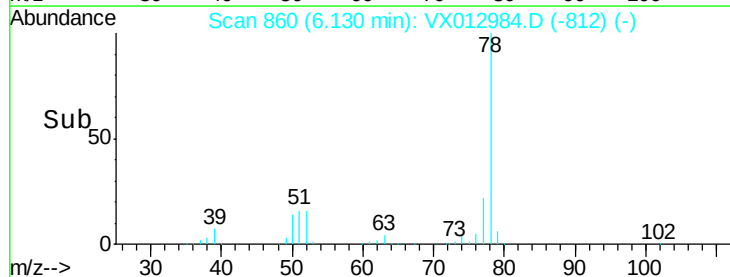
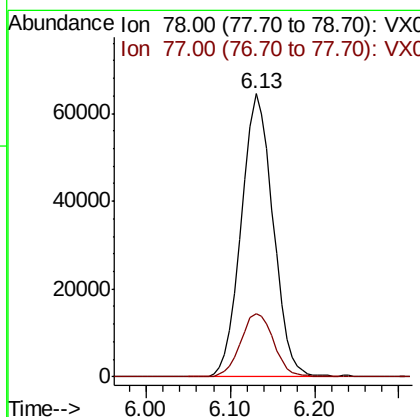
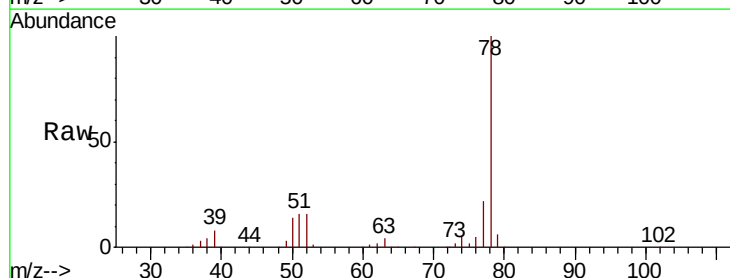
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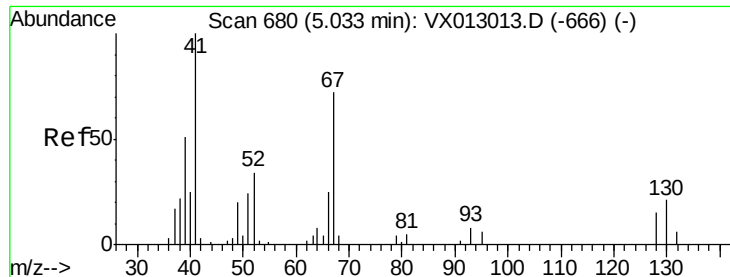
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#40
Benzene
Concen: 21.133 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.0	28.4





#41

Methacrylonitrile

Concen: 20.129 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

Tot Ion: 41 Resp: 32567

Ion Ratio Lower Upper

41 100

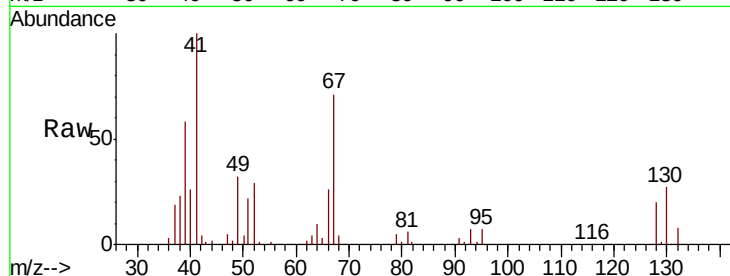
39 55.7 44.0 66.0

67 73.2 58.5 87.7

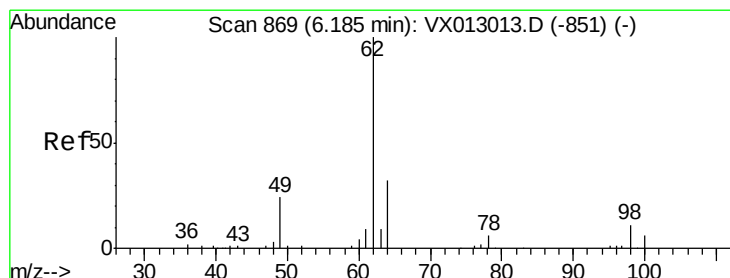
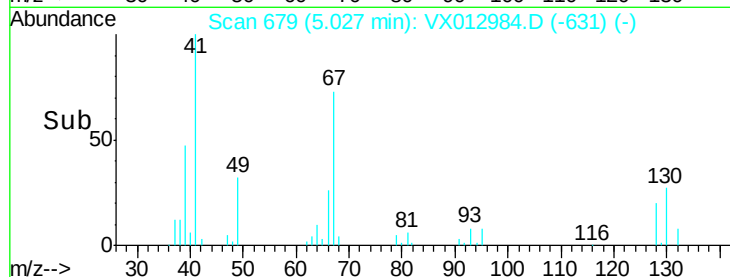
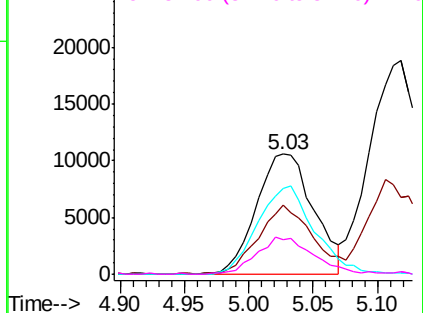
52 30.5 23.8 35.8

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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 21.219 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012984.D

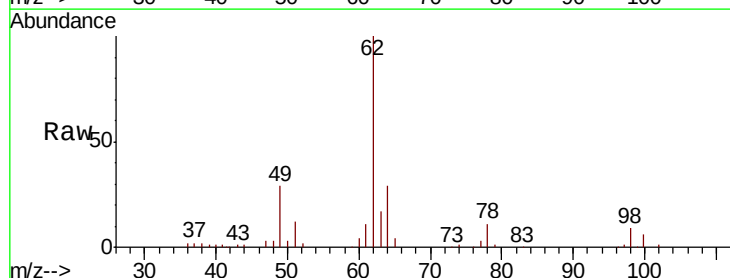
Acq: 10 Oct 2019 10:41

Tgt Ion: 62 Resp: 59214

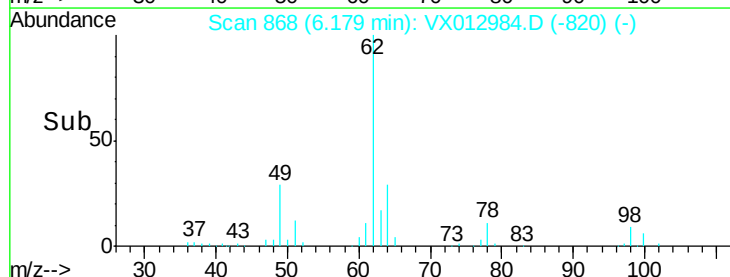
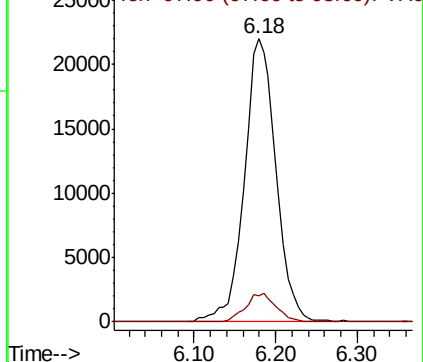
Ion Ratio Lower Upper

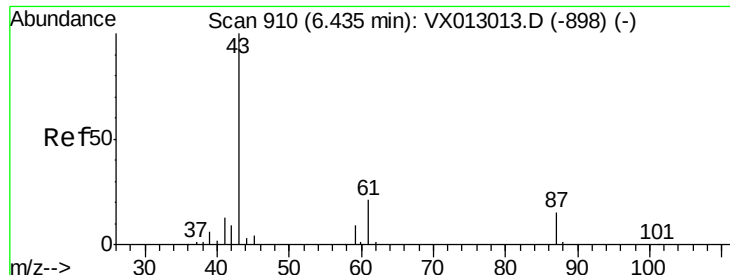
62 100

98 9.8 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.602 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

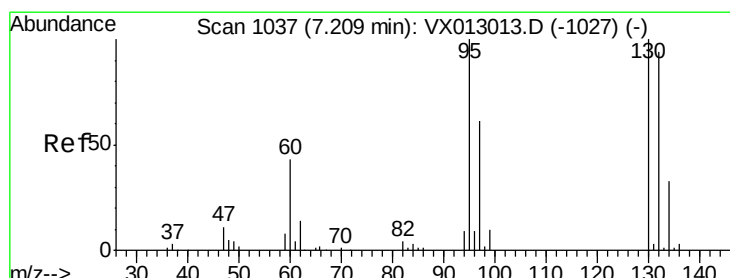
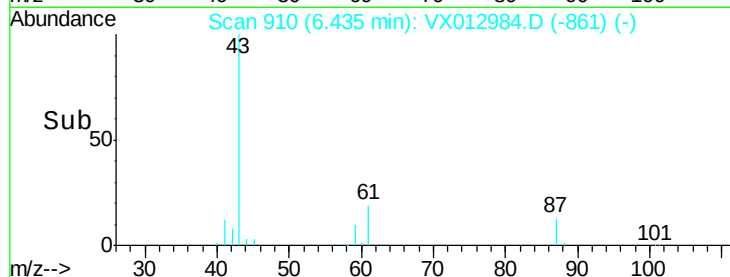
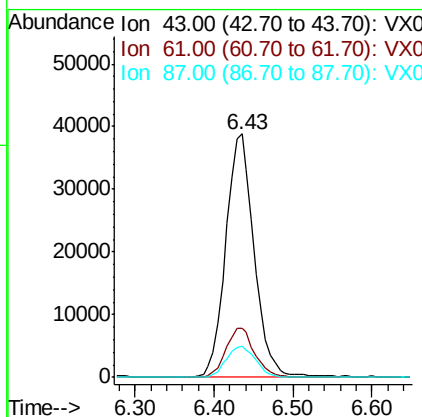
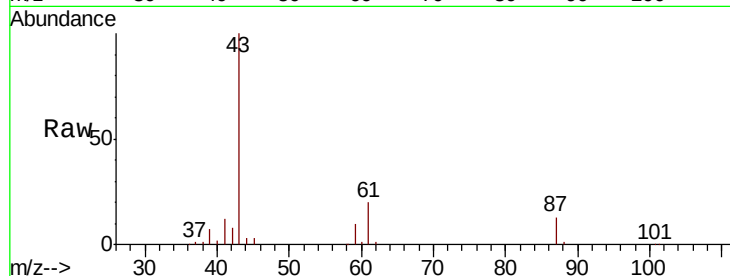
ClientSampleId :

VX1010WBS01

Tot Ion:	43	Resp:	97360
Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.6	24.8
87	13.4	11.0	16.6

Manual Integrations
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#44

Trichloroethene

Concen: 20.193 ug/l

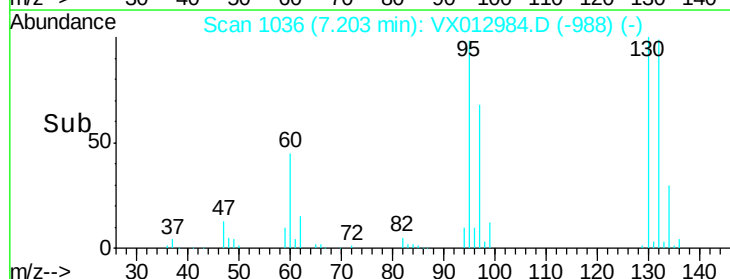
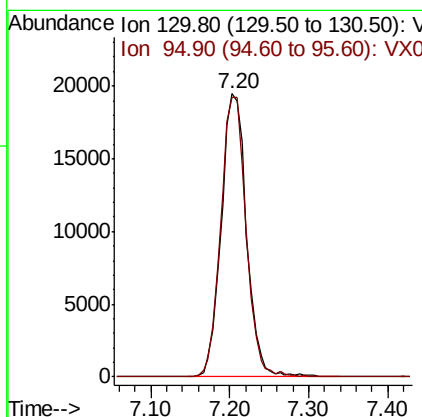
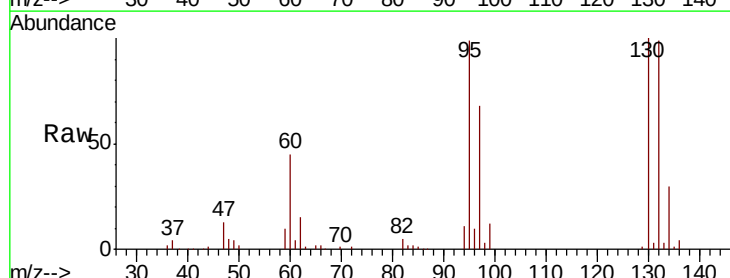
RT: 7.20 min Scan# 1036

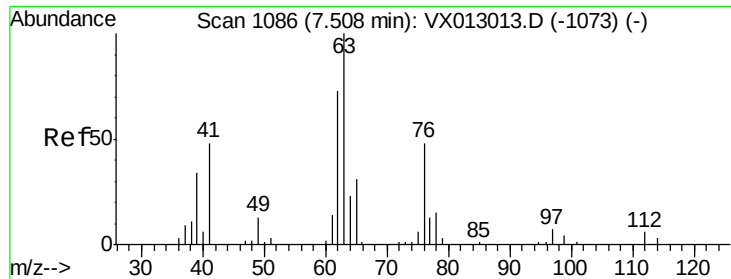
Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Tgt Ion:	130	Resp:	43547
Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	189.2





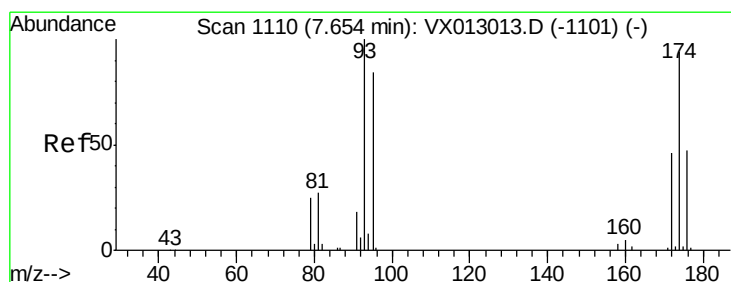
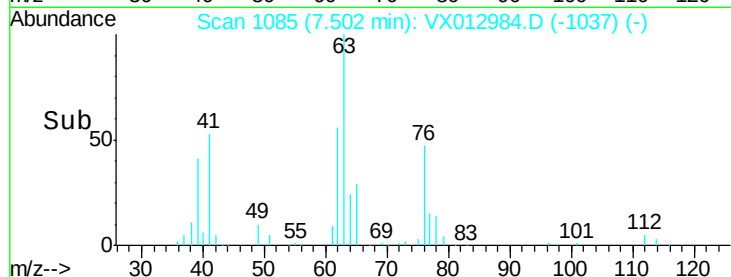
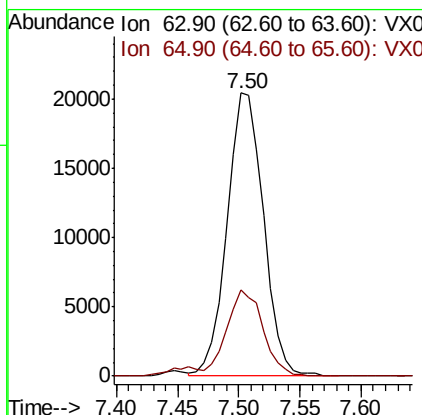
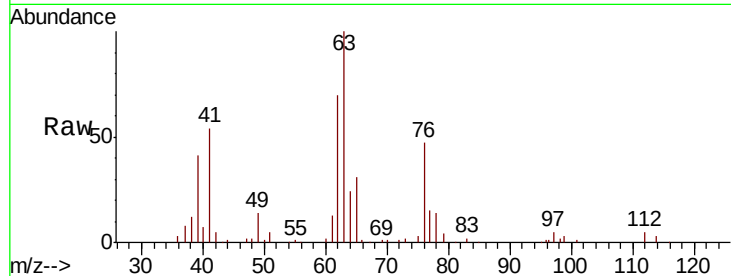
#45
 1,2-Dichloropropane
 Concen: 21.254 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS01

Tot Ion: 63 Resp: 42128
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.6 37.0

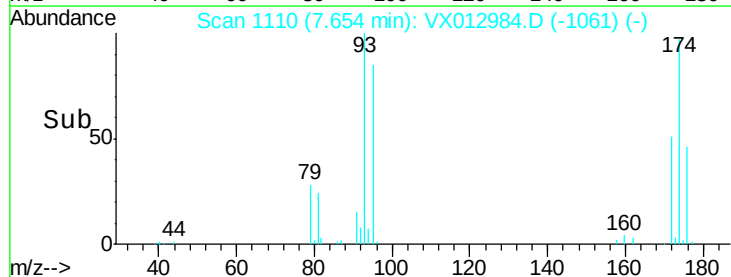
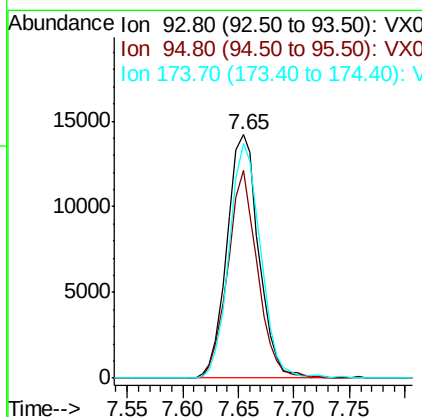
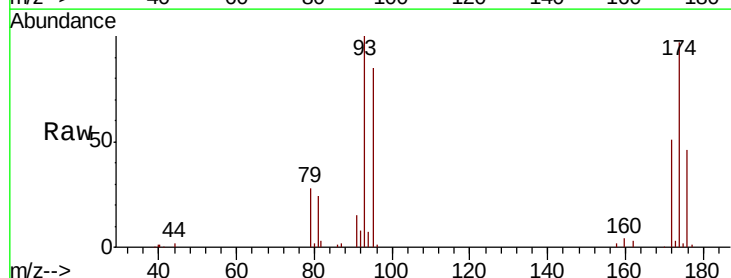
Manual Integrations
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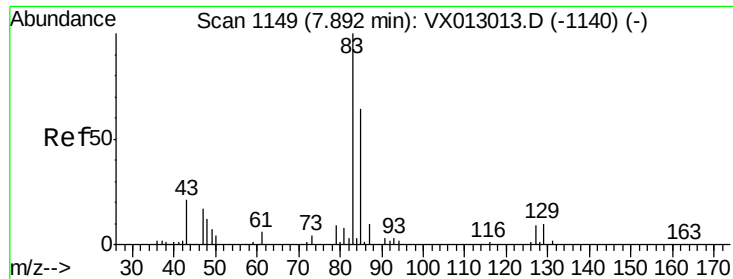
MMDadoda
 10/14/2019 1:04:53 PM



#46
 Dibromomethane
 Concen: 21.380 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Tgt Ion: 93 Resp: 28234
 Ion Ratio Lower Upper
 93 100
 95 79.4 66.3 99.5
 174 94.9 77.8 116.6





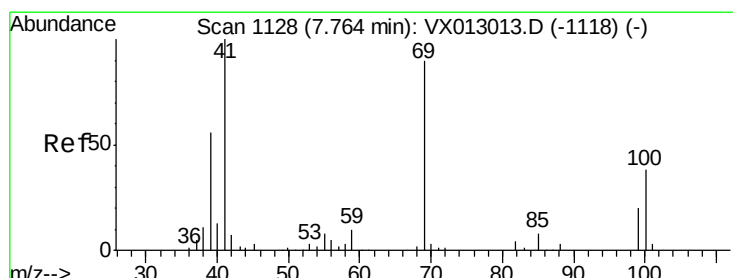
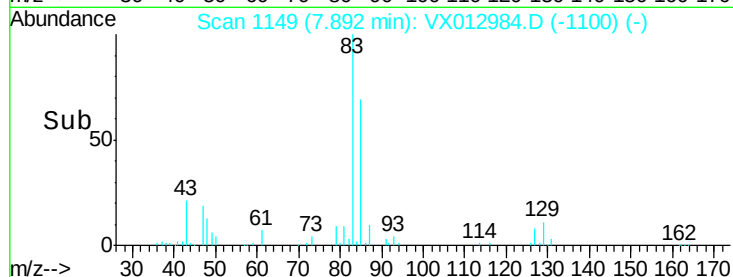
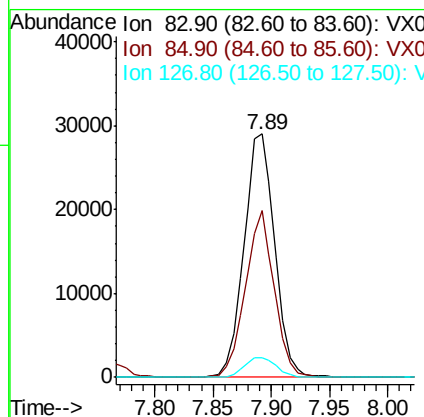
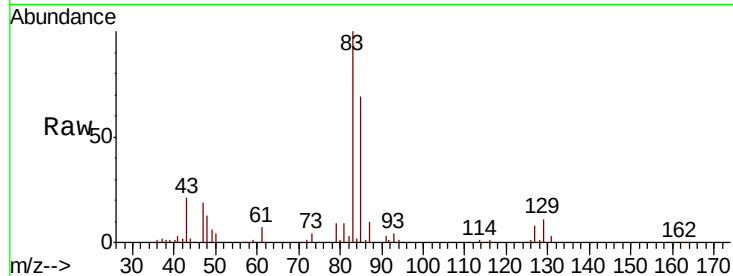
#47
Bromodichloromethane
Concen: 20.681 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tot Ion	83	Resp	53298
Ion Ratio	100	Lower	Upper
83	100		
85	68.7	52.4	78.6
127	7.9	6.6	10.0

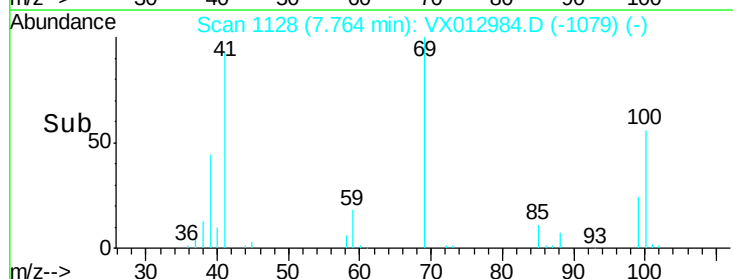
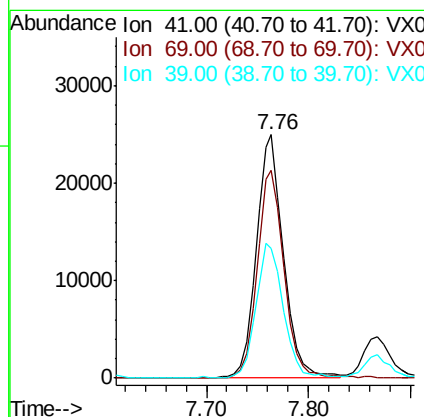
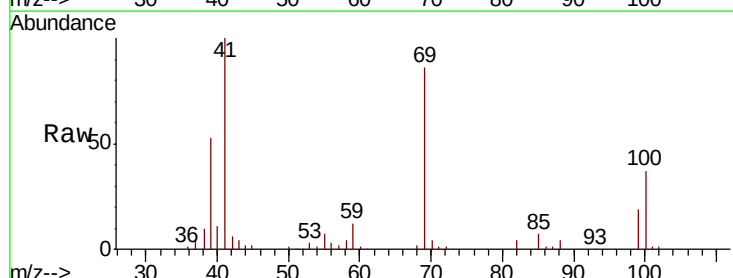
Manual Integrations
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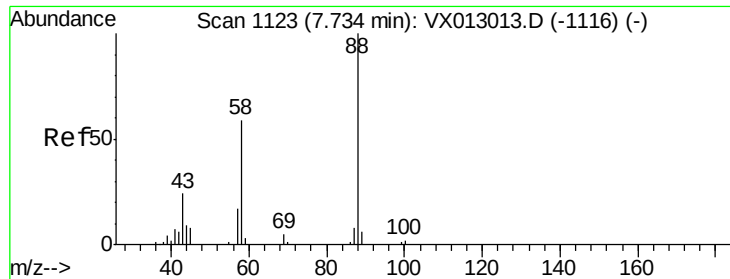
MMDadoda
10/14/2019 1:04:53 PM



#48
Methyl methacrylate
Concen: 20.117 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion	41	Resp	46328
Ion Ratio	100	Lower	Upper
41	100		
69	84.8	68.7	103.1
39	56.0	44.3	66.5





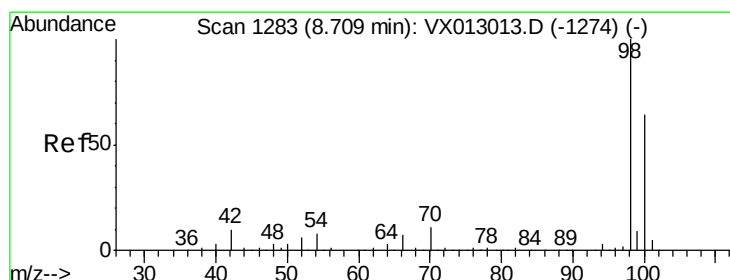
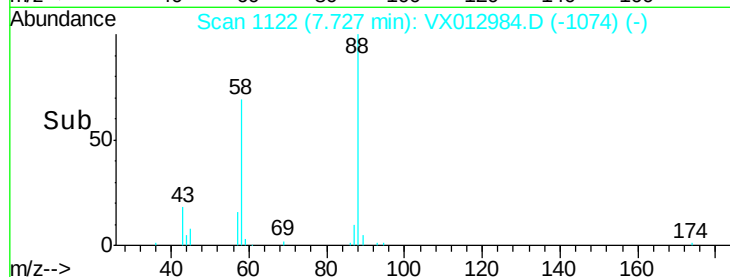
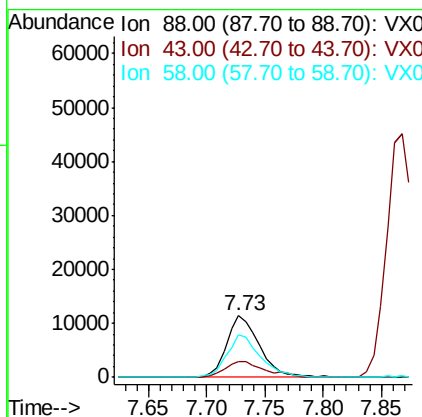
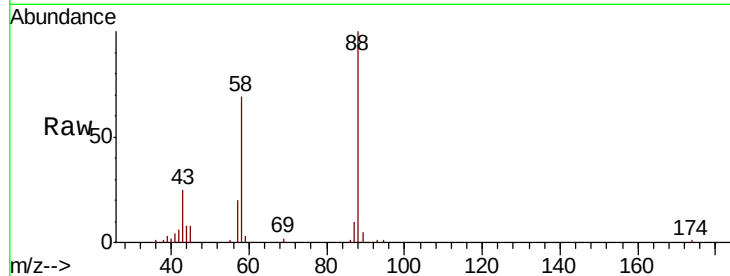
#49
1,4-Dioxane
Concen: 382.044 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	25.0	37.6
58	71.4	55.4	83.2

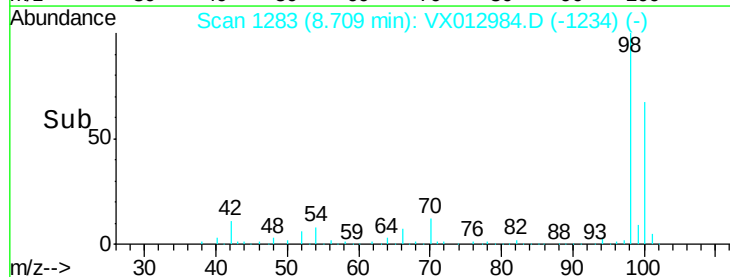
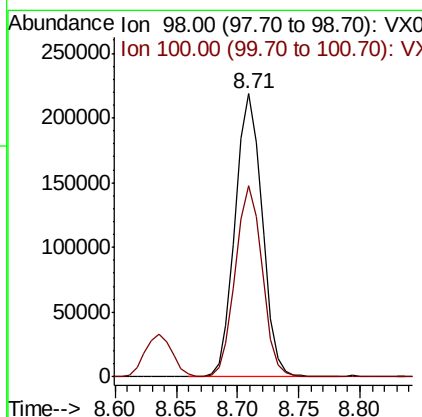
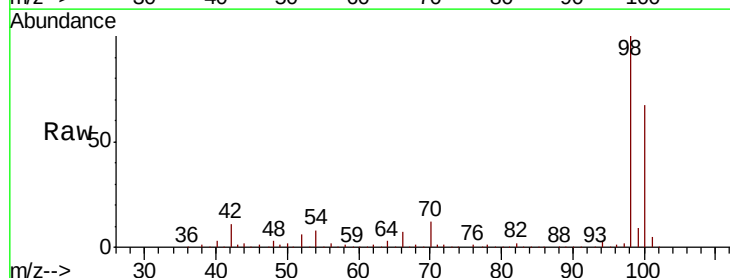
Manual Integrations
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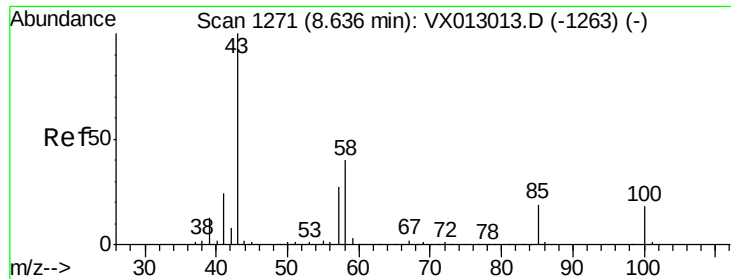
MMDadoda
10/14/2019 1:04:53 PM



#50
Toluene-d8
Concen: 50.108 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 102.292 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

Tot Ion: 43 Resp: 301396

Ion Ratio Lower Upper

43 100

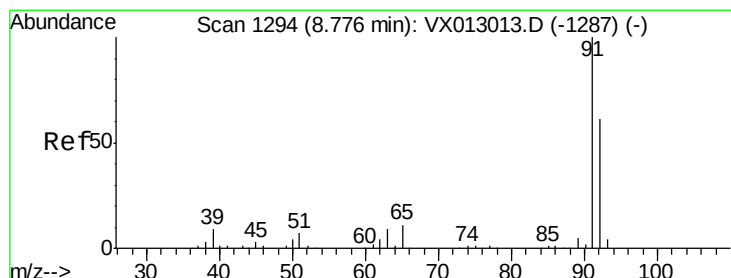
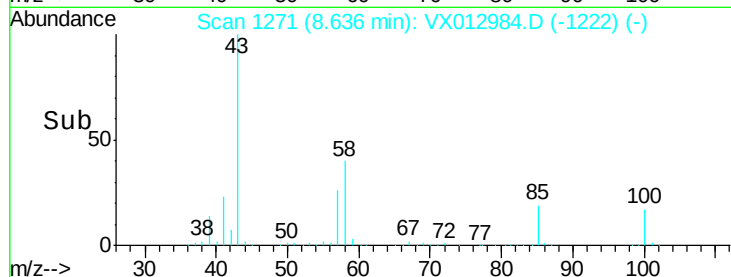
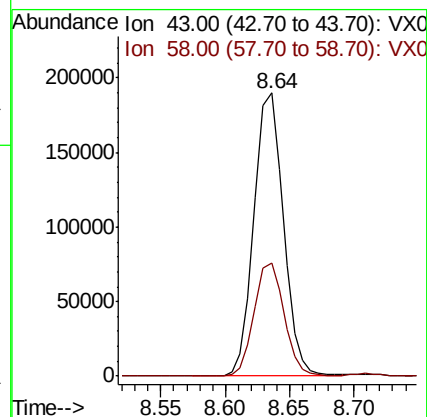
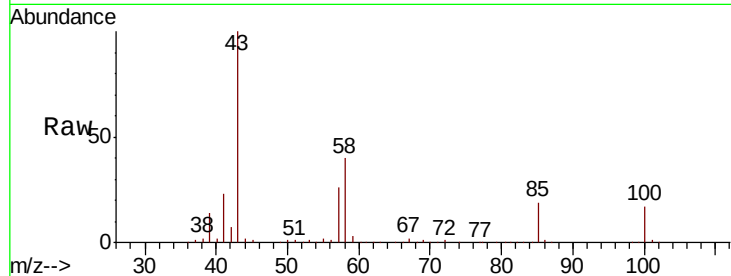
58 40.5 32.4 48.6

Manual Integrations

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10/14/2019 1:04:53 PM



#52

Toluene

Concen: 21.378 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012984.D

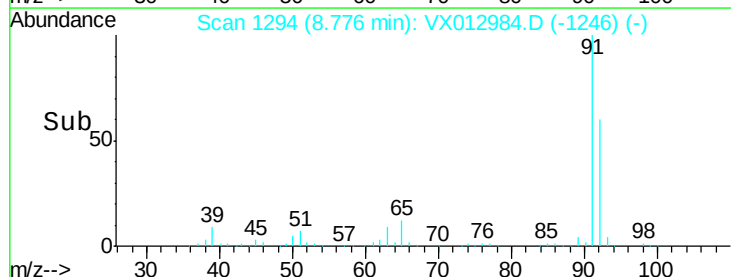
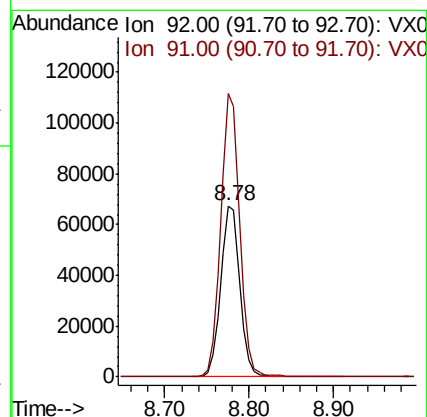
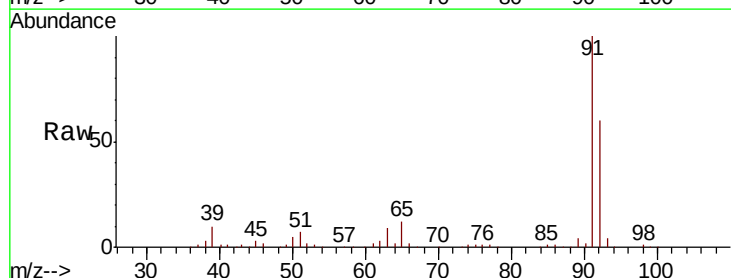
Acq: 10 Oct 2019 10:41

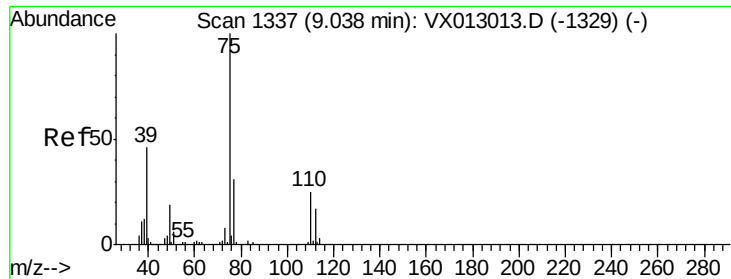
Tgt Ion: 92 Resp: 106365

Ion Ratio Lower Upper

92 100

91 164.1 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 19.526 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

Tot Ion: 75 Resp: 58354

Ion Ratio Lower Upper

75 100

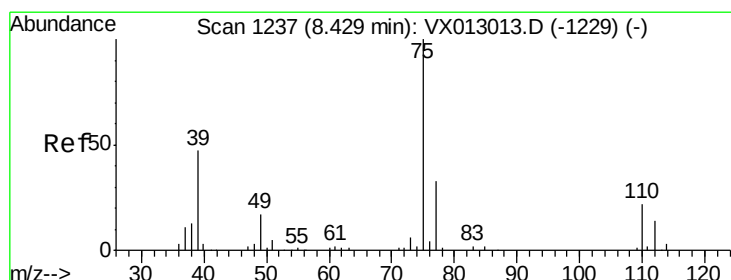
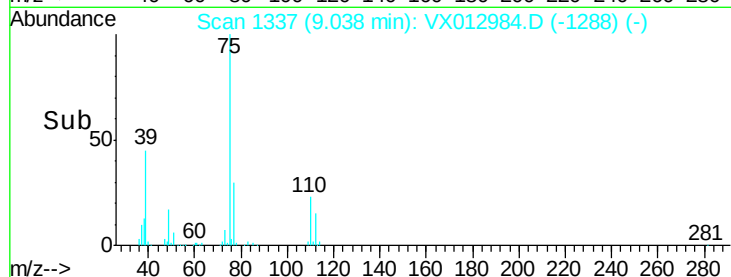
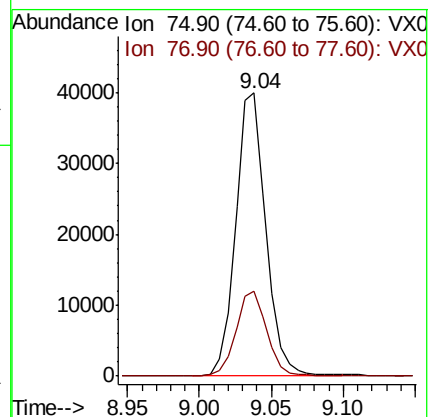
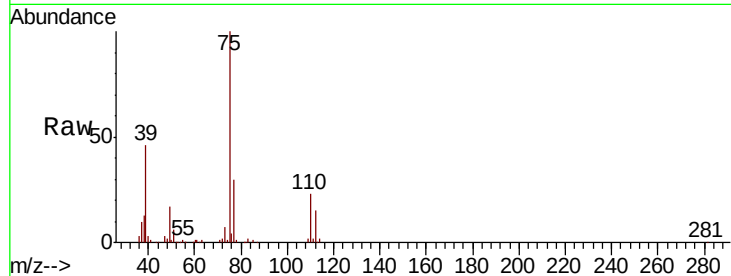
77 30.2 25.8 38.6

Manual Integrations

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MMDadoda

10/14/2019 1:04:53 PM



#54

cis-1,3-Dichloropropene

Concen: 20.727 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

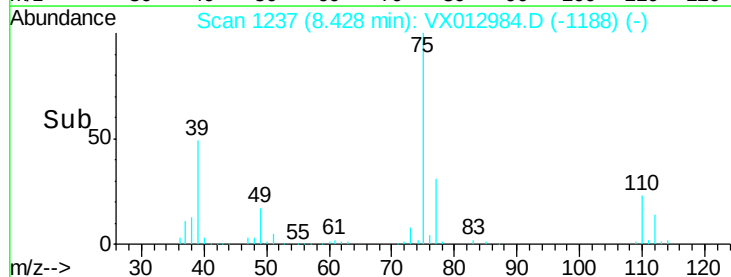
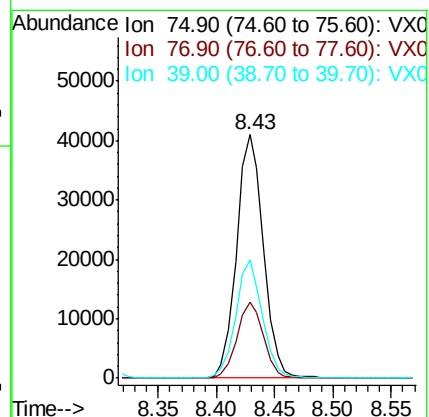
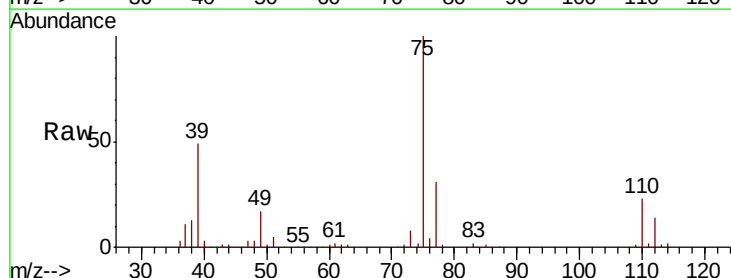
Tgt Ion: 75 Resp: 65698

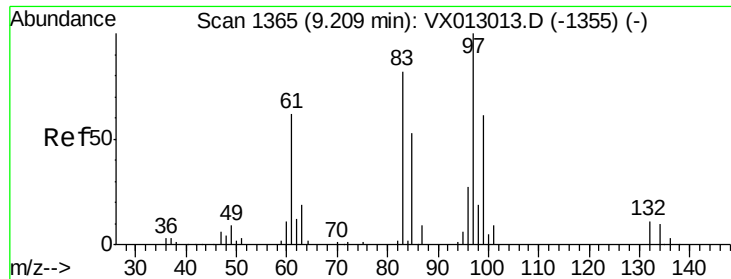
Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.8

39 48.5 38.2 57.2





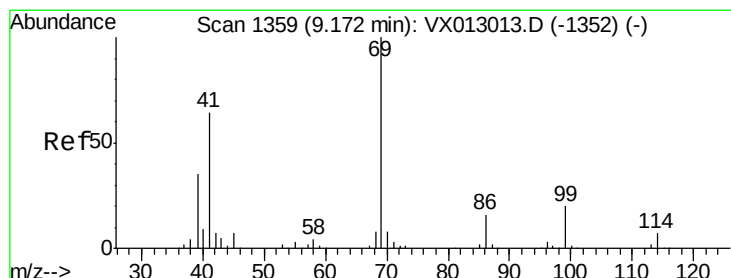
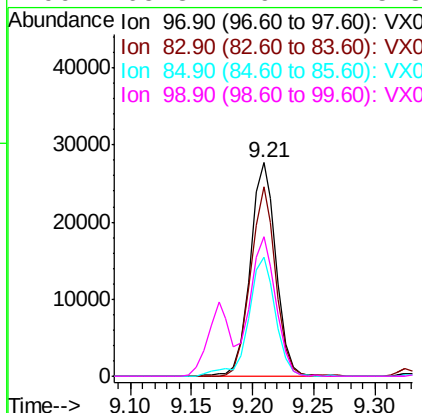
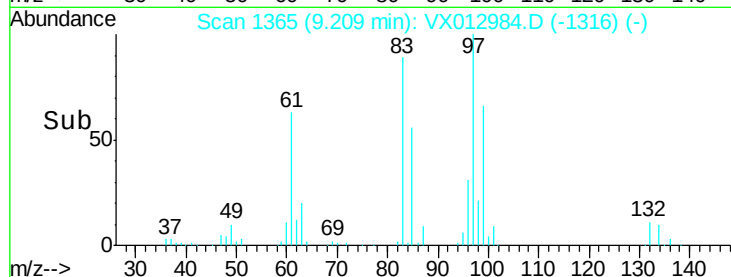
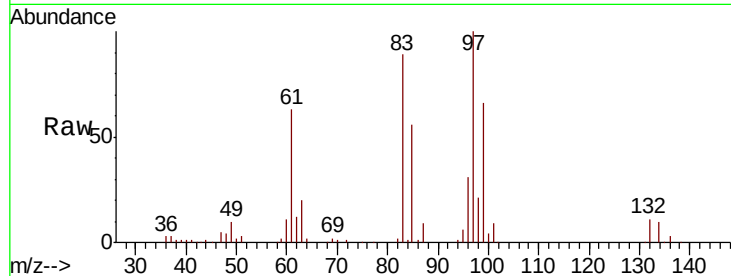
#55
 1,1,2-Trichloroethane
 Concen: 20.626 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		40612		
83	89.0	66.5	99.7		
85	55.6	43.1	64.7		
99	65.3	49.2	73.8		

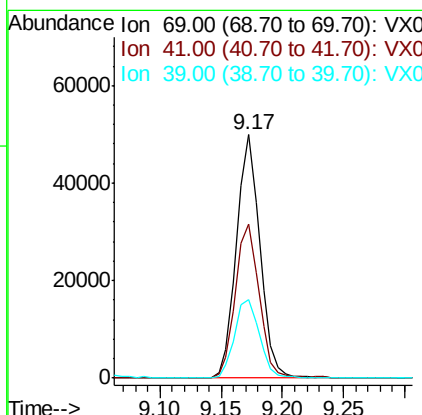
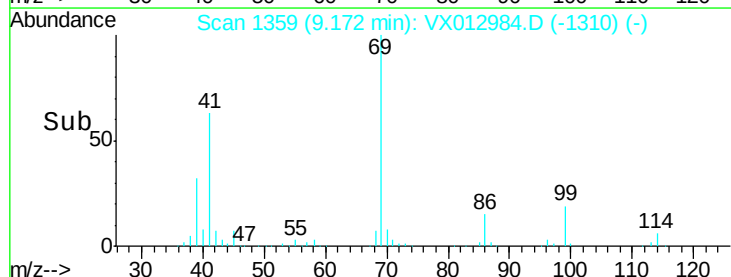
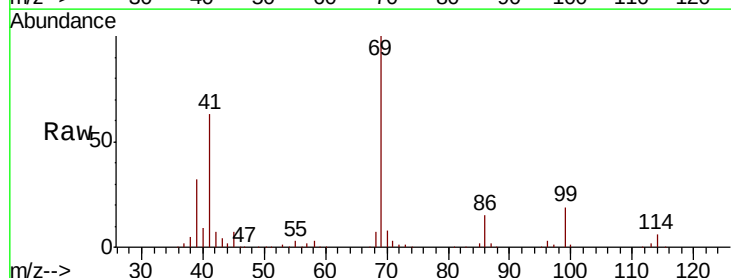
Manual Integrations
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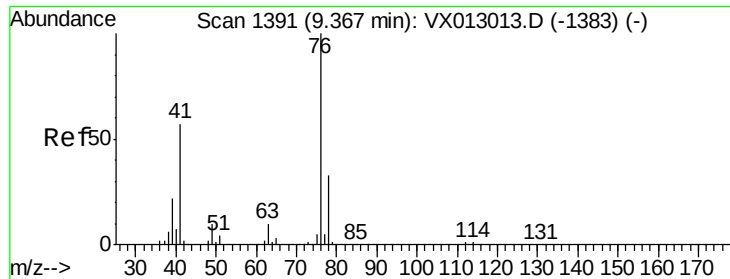
MMDadoda
 10/14/2019 1:04:53 PM



#56
 Ethyl methacrylate
 Concen: 19.982 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		66428		
41	64.1	52.1	78.1		
39	33.8	27.8	41.8		





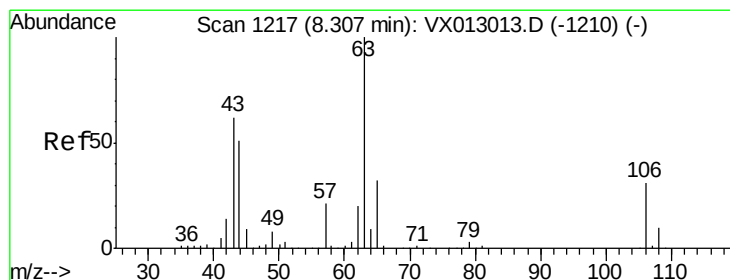
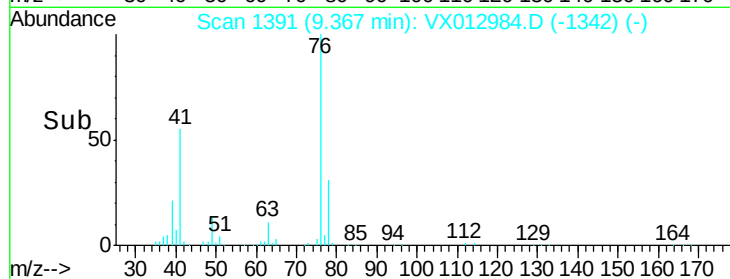
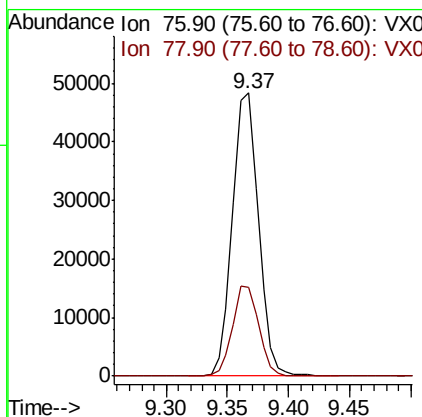
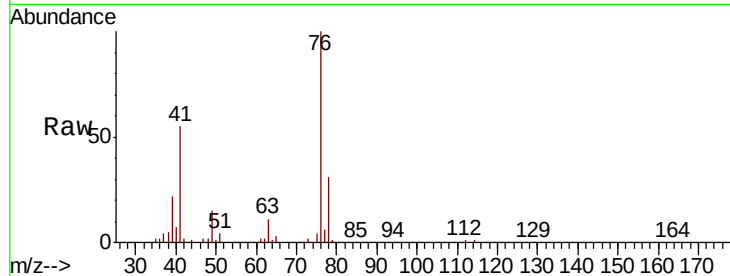
#57
 1,3-Dichloropropane
 Concen: 20.977 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS01

Tot Ion: 76 Resp: 71446
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.1 39.1

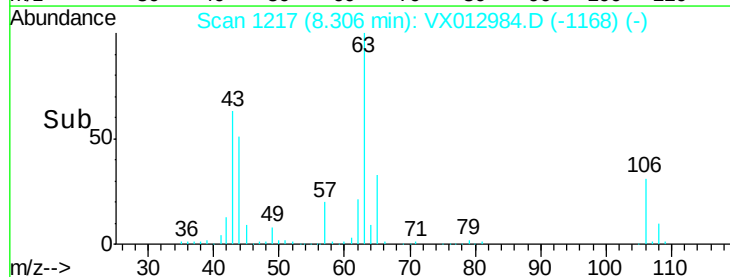
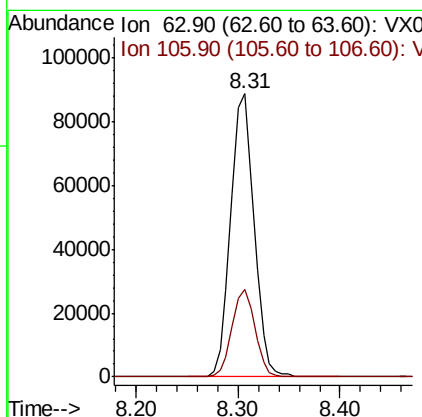
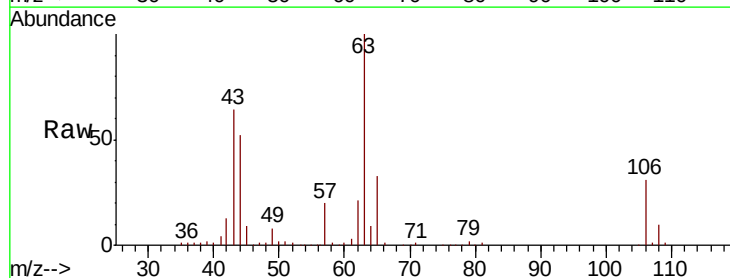
Manual Integrations
 APPROVED

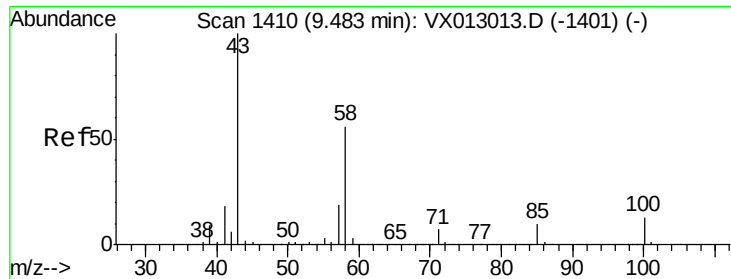
MMDadoda
 10/14/2019 1:04:53 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.322 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Tgt Ion: 63 Resp: 140773
 Ion Ratio Lower Upper
 63 100
 106 30.4 23.8 35.8





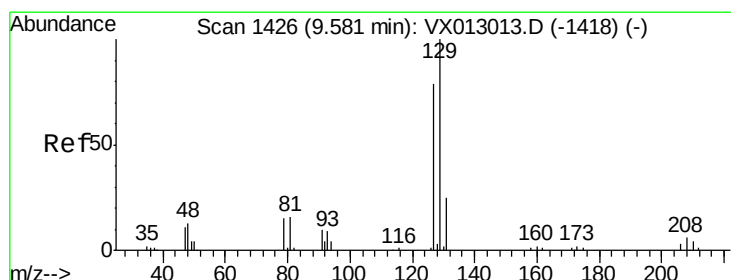
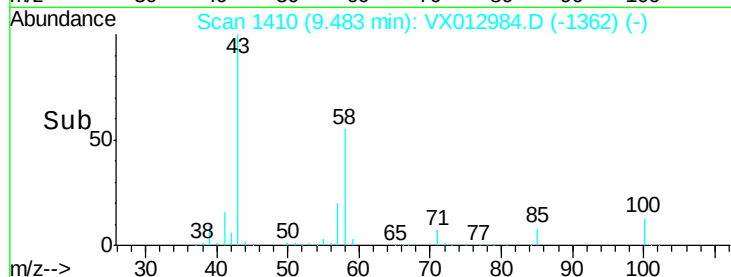
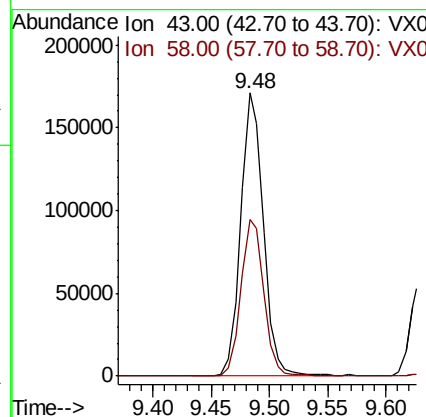
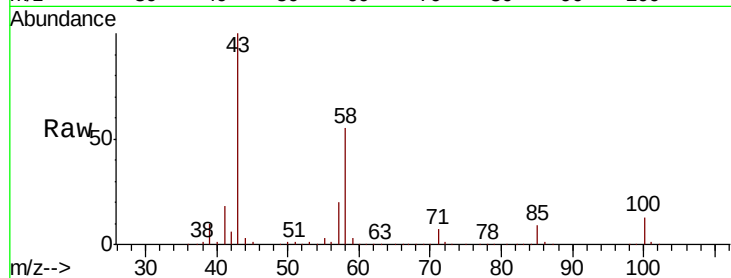
#59
2-Hexanone
Concen: 101.591 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.1	28.1	84.3

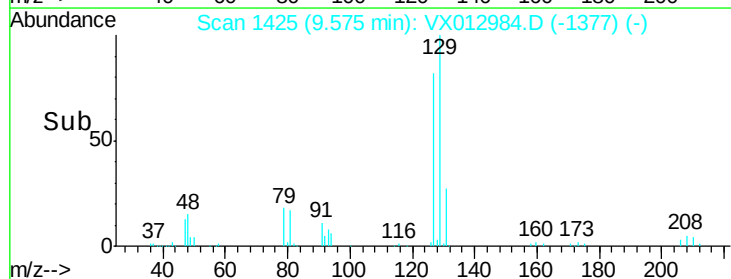
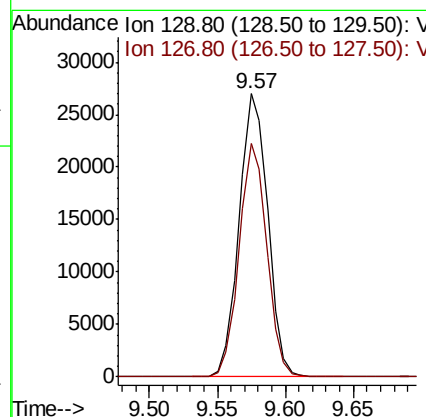
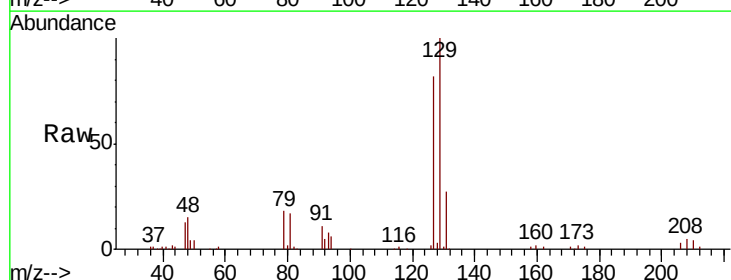
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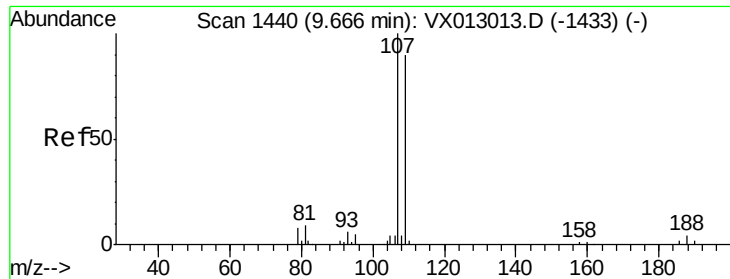
MMDadoda
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#60
Dibromochloromethane
Concen: 19.223 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.8	38.9	116.7





#61

1,2-Dibromoethane

Concen: 20.755 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

Tot Ion:107 Resp: 42989

Ion Ratio Lower Upper

107 100

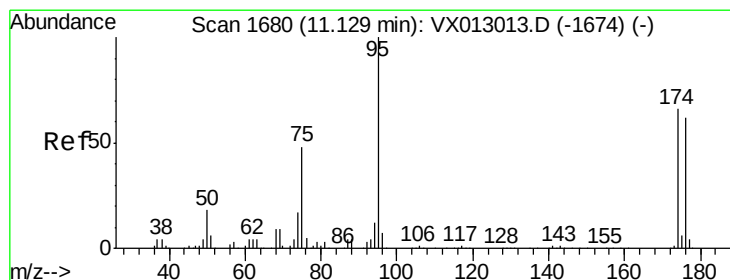
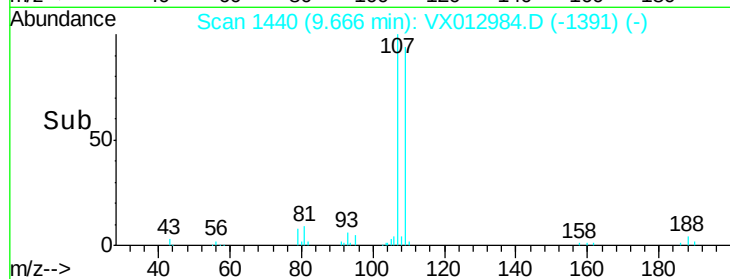
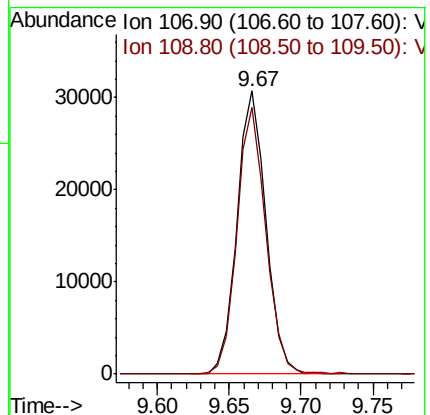
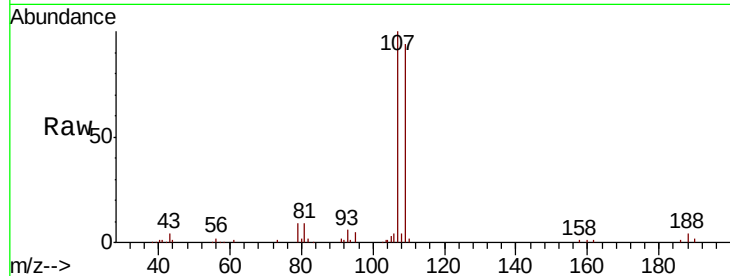
109 94.2 75.8 113.6

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#62

4-Bromofluorobenzene

Concen: 50.129 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

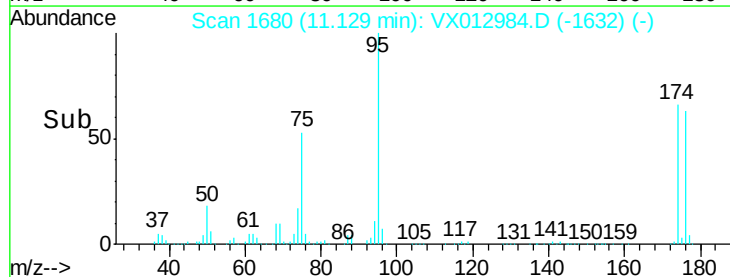
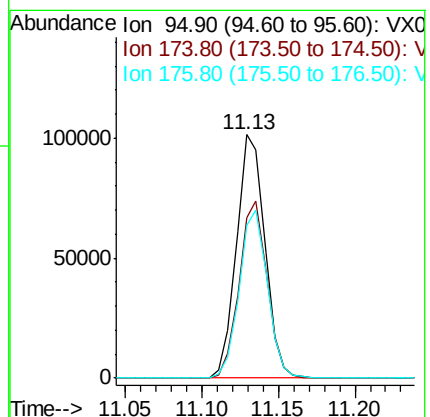
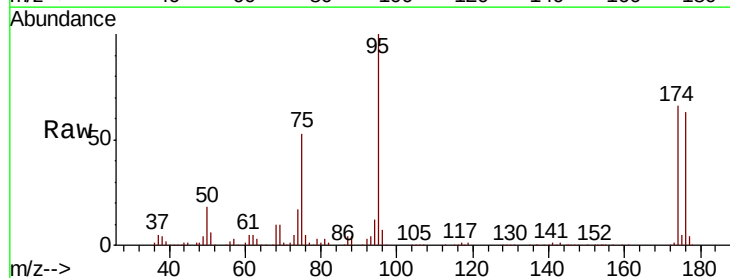
Tgt Ion: 95 Resp: 130585

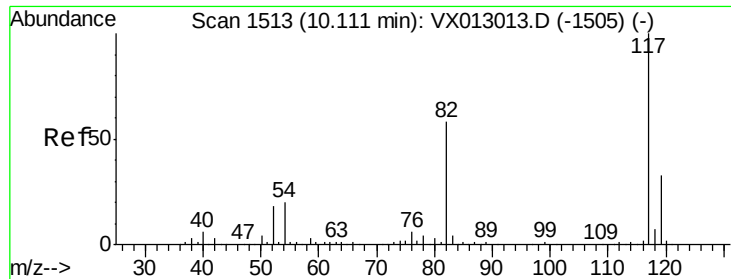
Ion Ratio Lower Upper

95 100

174 71.5 0.0 143.4

176 68.2 0.0 136.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

Tot Ion:117 Resp: 269537

Ion Ratio Lower Upper

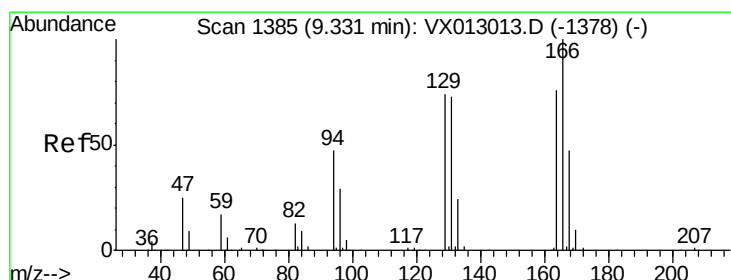
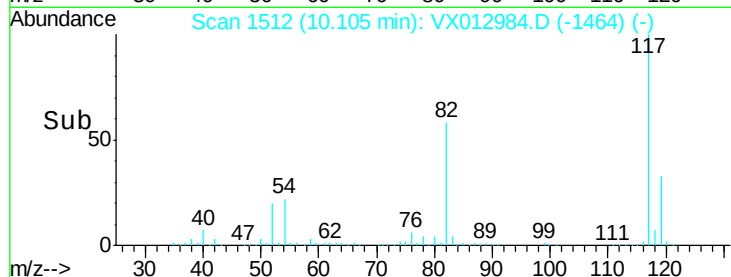
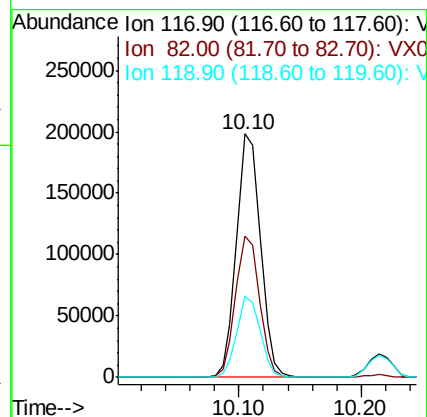
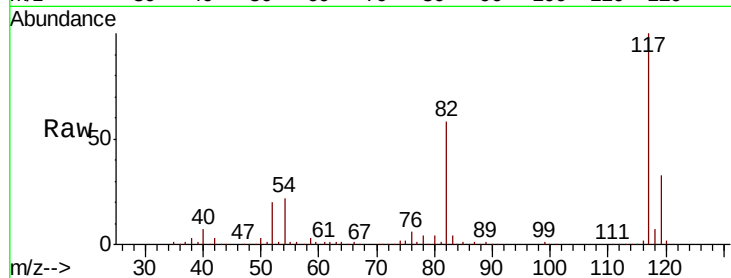
117 100

82 58.3 44.1 66.1

119 33.3 25.8 38.8

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#64

Tetrachloroethene

Concen: 22.307 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Tgt Ion:164 Resp: 41704

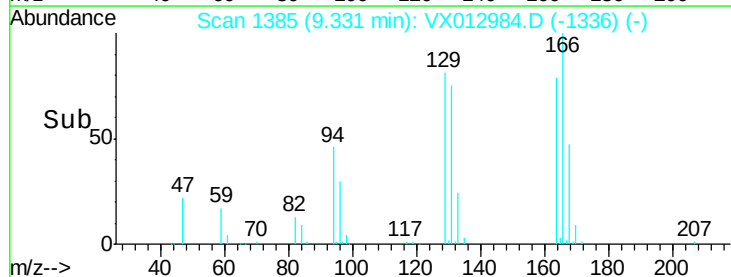
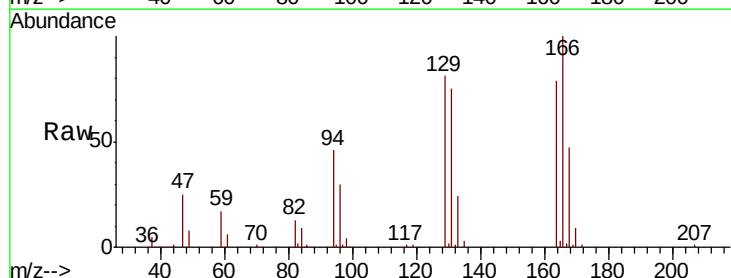
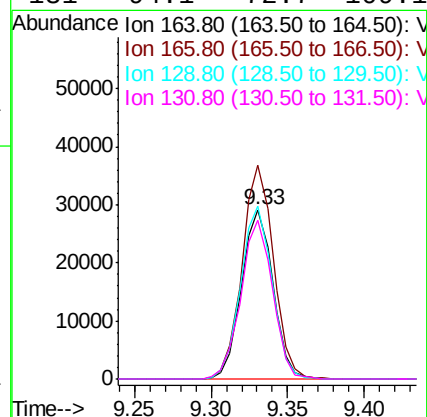
Ion Ratio Lower Upper

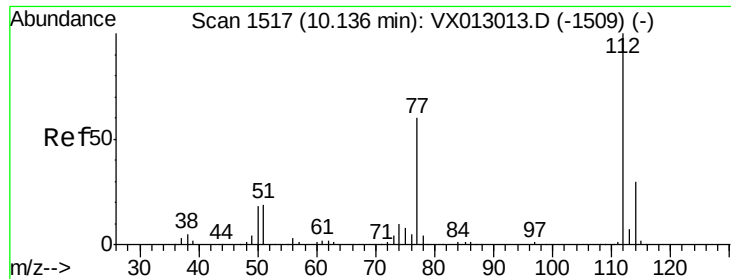
164 100

166 126.2 96.9 145.3

129 102.1 77.9 116.9

131 94.1 72.7 109.1





#65

Chlorobenzene

Concen: 20.643 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

Tot Ion:112 Resp: 110492

Ion Ratio Lower Upper

112 100

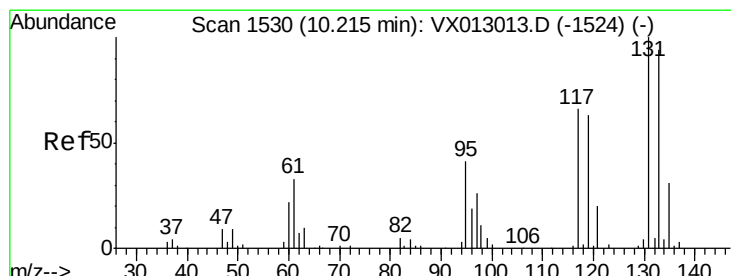
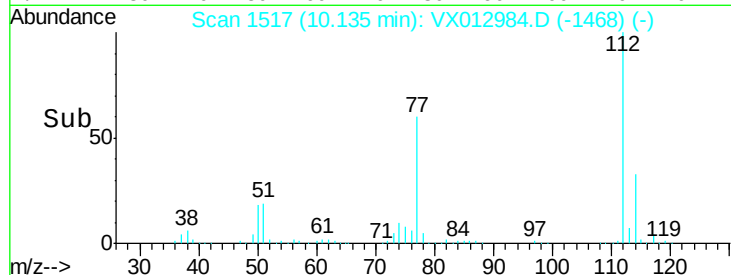
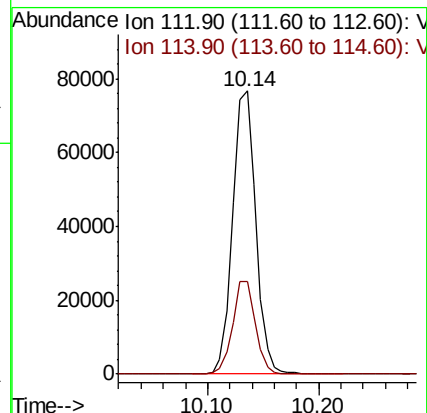
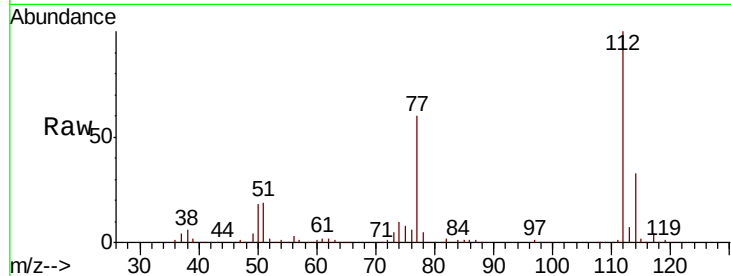
114 32.6 25.7 38.5

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.301 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

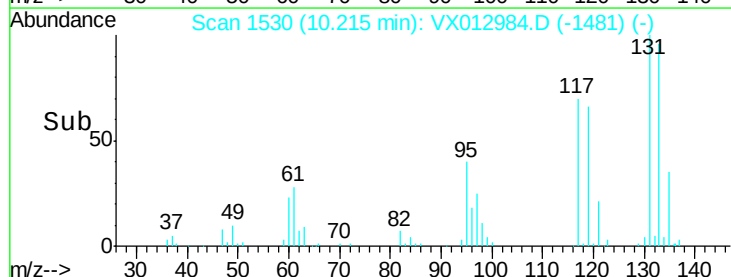
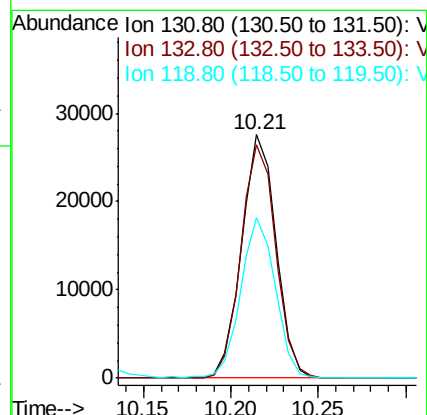
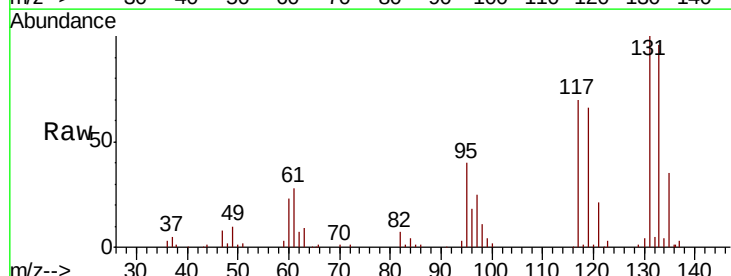
Tgt Ion:131 Resp: 37676

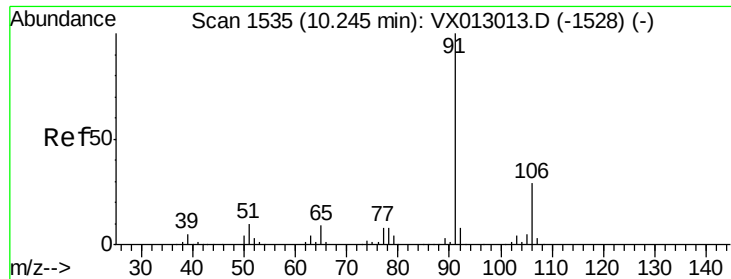
Ion Ratio Lower Upper

131 100

133 97.3 47.2 141.6

119 66.3 32.6 98.0





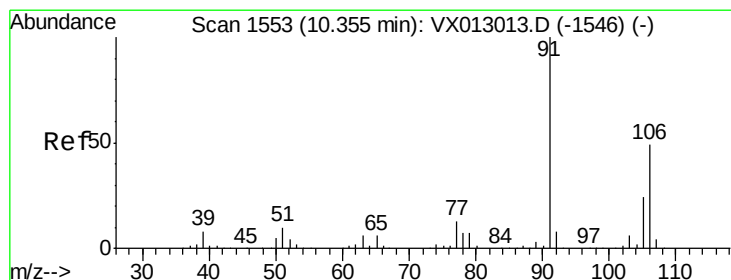
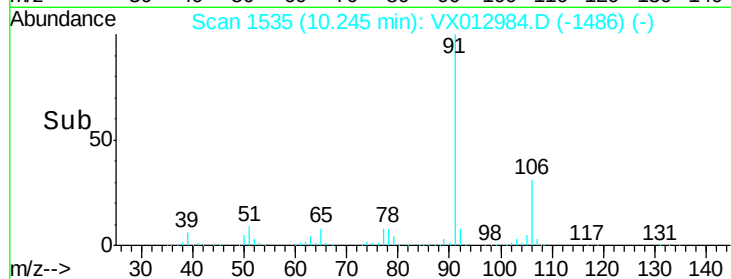
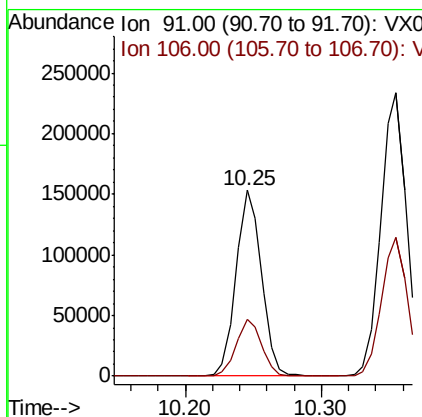
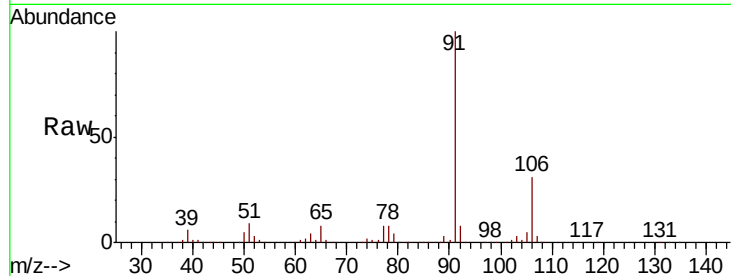
#67
Ethyl Benzene
Concen: 21.014 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tot Ion: 91 Resp: 199799
Ion Ratio Lower Upper
91 100
106 30.9 23.9 35.9

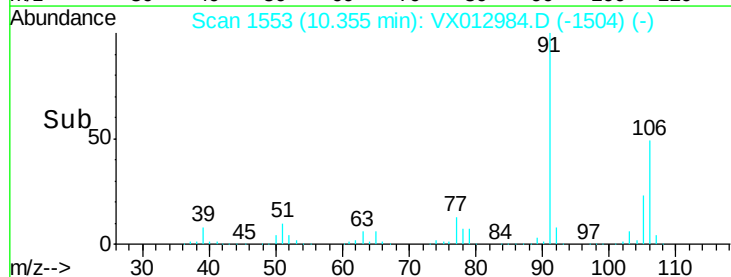
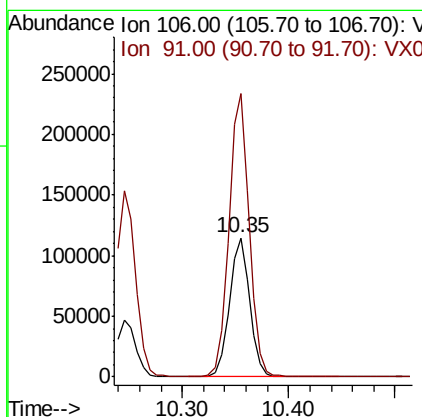
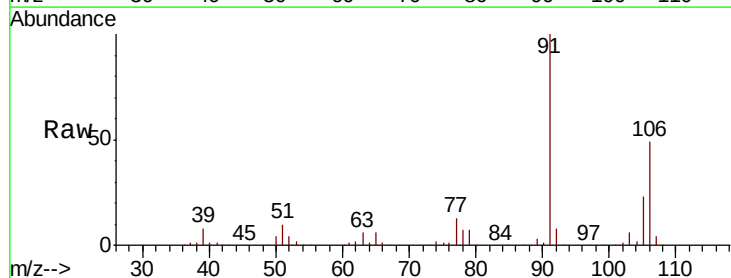
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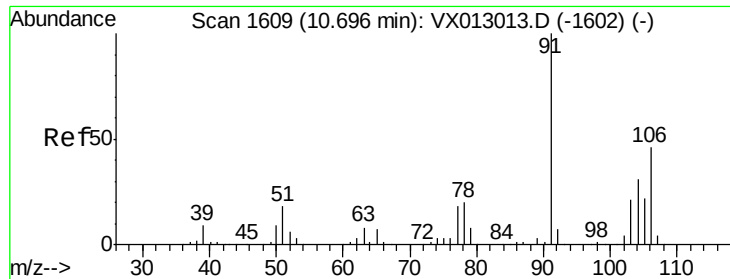
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#68
m/p-Xylenes
Concen: 42.879 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion: 106 Resp: 152301
Ion Ratio Lower Upper
106 100
91 203.6 165.3 247.9





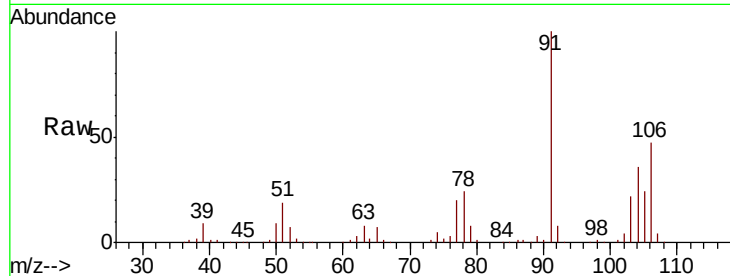
#69
o-Xylene
Concen: 20.775 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

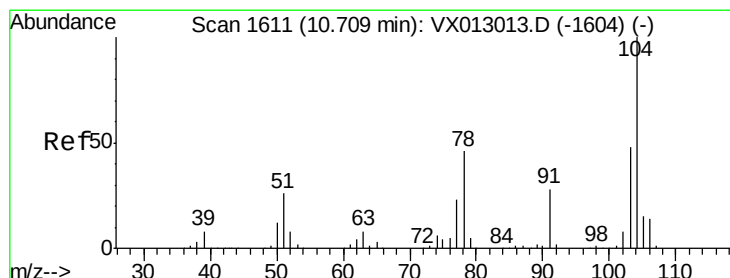
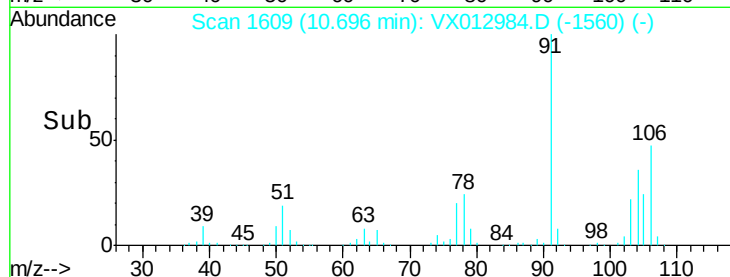
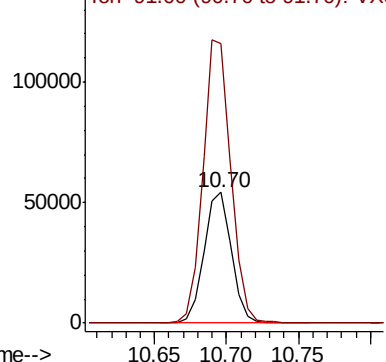
Tot Ion:106 Resp: 71961
Ion Ratio Lower Upper
106 100
91 221.1 109.1 327.3

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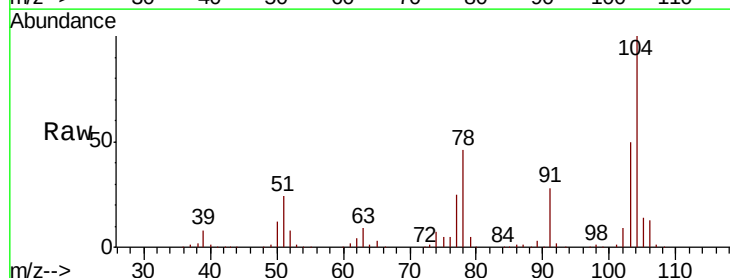


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

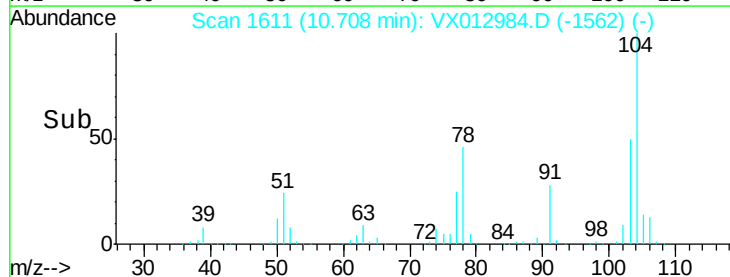
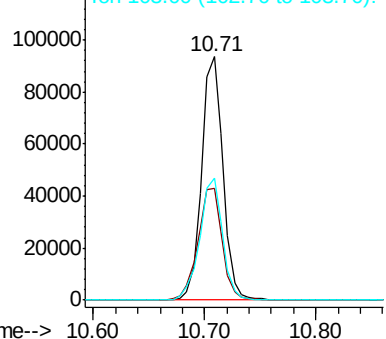


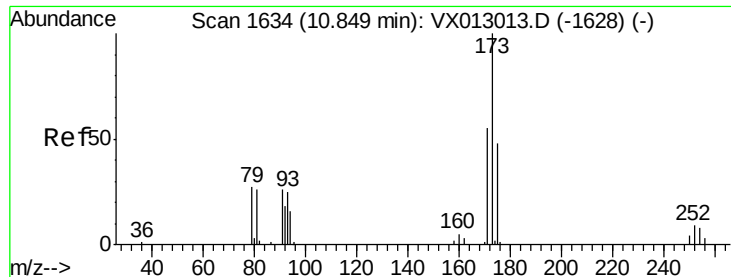
#70
Styrene
Concen: 21.042 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion:104 Resp: 123905
Ion Ratio Lower Upper
104 100
78 52.2 41.2 61.8
103 53.6 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: 18.227 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

Tot Ion:173 Resp: 25459

Ion Ratio Lower Upper

173 100

175 50.2 24.1 72.3

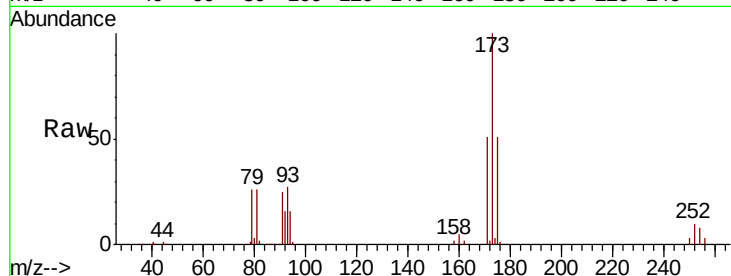
254 0.0 0.1 0.1#

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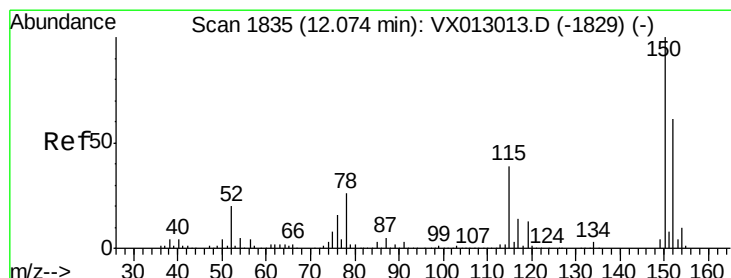
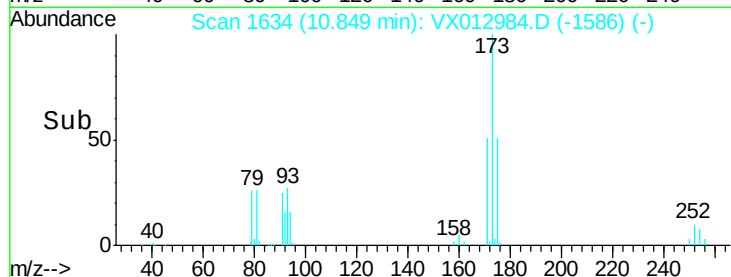
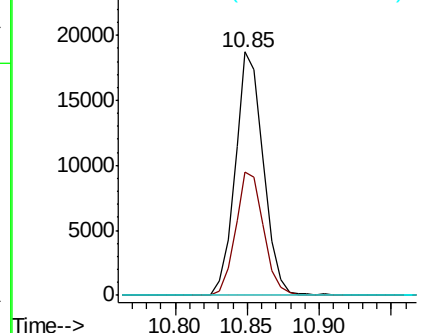
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX012984.D

Acq: 10 Oct 2019 10:41

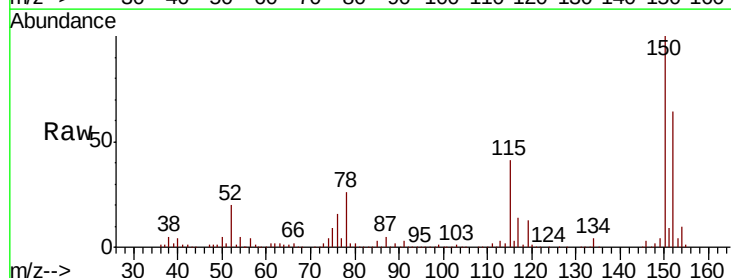
Tgt Ion:152 Resp: 127207

Ion Ratio Lower Upper

152 100

115 73.8 44.5 133.5

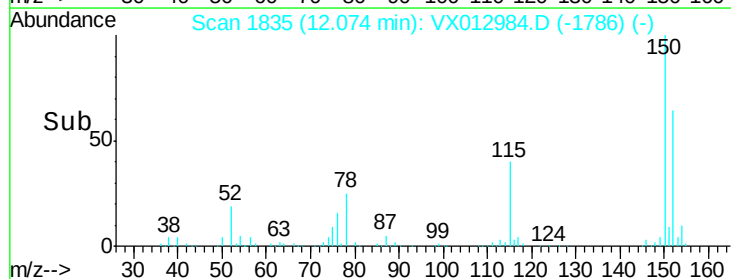
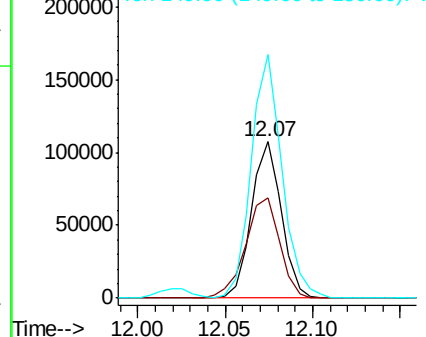
150 161.1 0.0 353.4

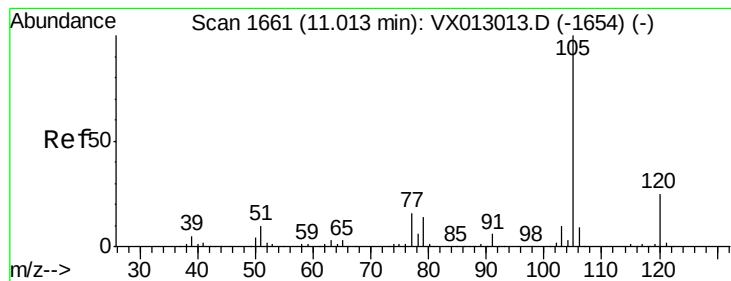


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.183 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS01

Tot Ion: 105 Resp: 198116

Ion Ratio Lower Upper

105 100

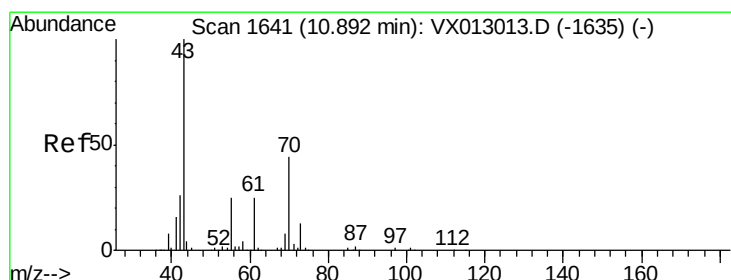
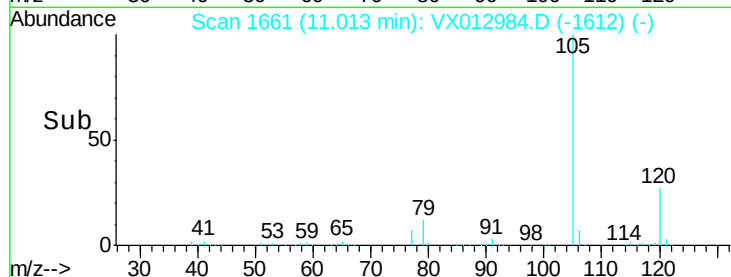
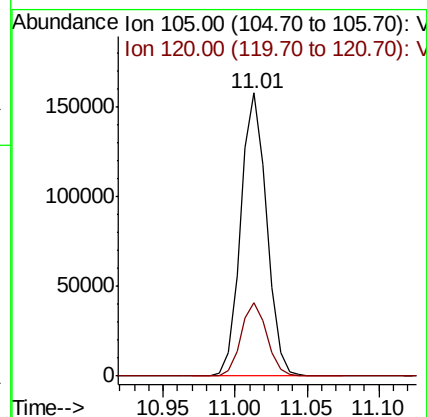
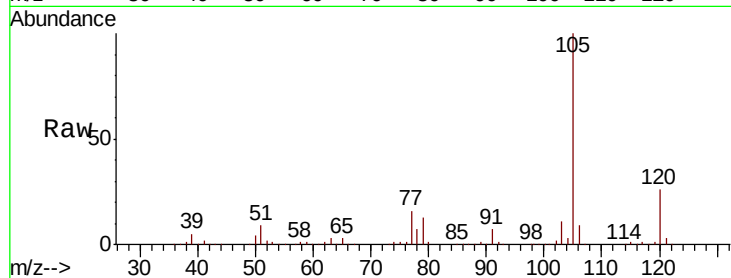
120 25.8 13.0 39.0

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#74

N-ethyl acetate

Concen: 19.757 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Tgt Ion: 43 Resp: 79579

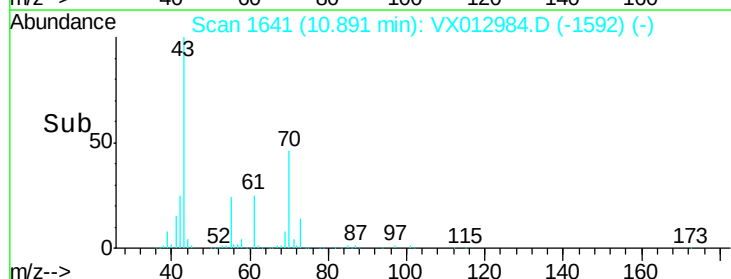
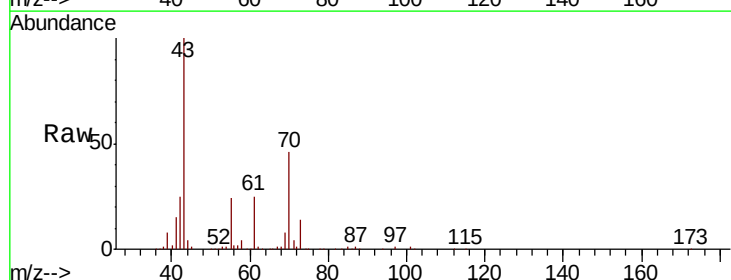
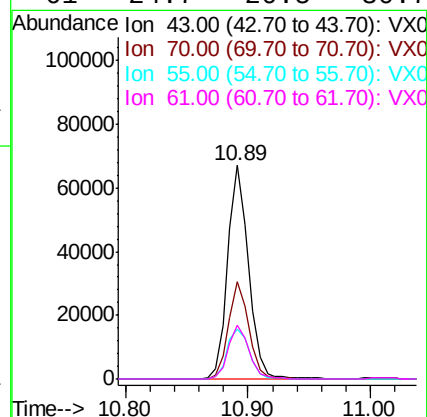
Ion Ratio Lower Upper

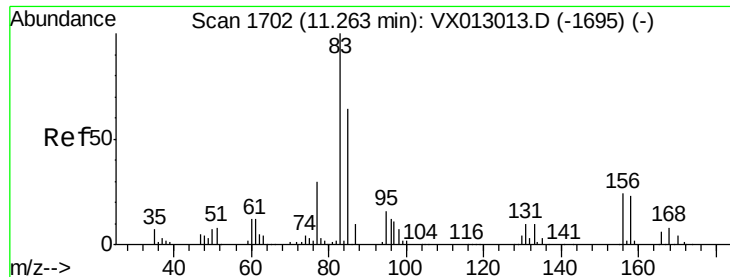
43 100

70 44.6 36.4 54.6

55 25.3 20.2 30.2

61 24.7 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.751 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

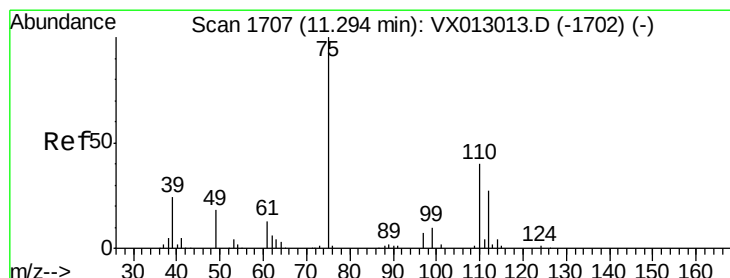
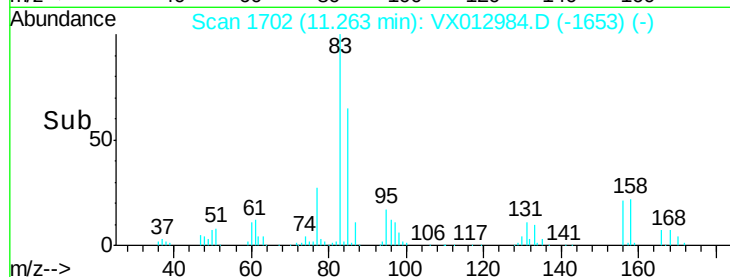
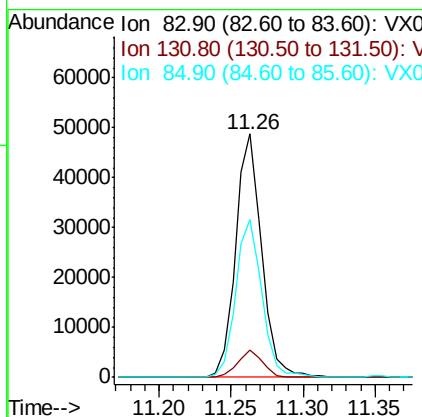
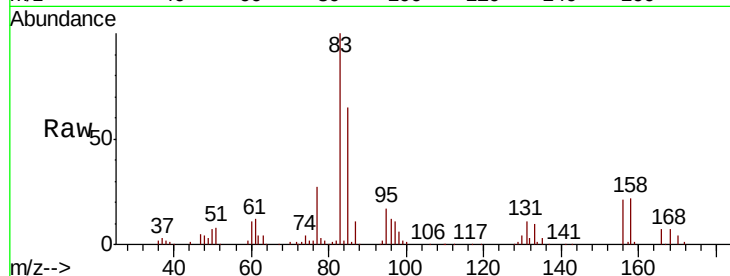
ClientSampleId :

VX1010WBS01

Tot Ion:	83	Resp:	61439
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.1	15.3
85	65.5	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.884 ug/l m

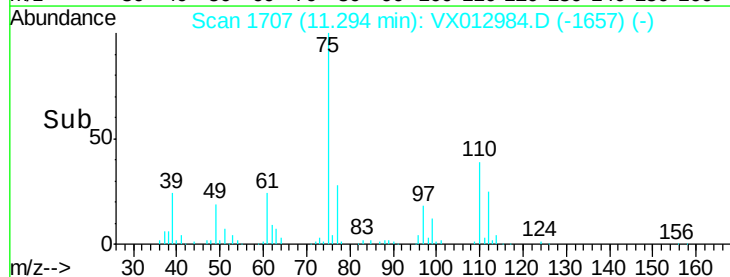
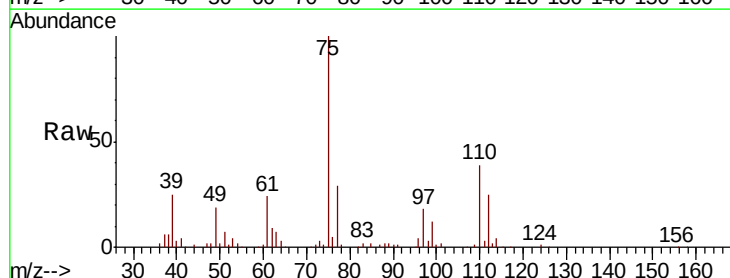
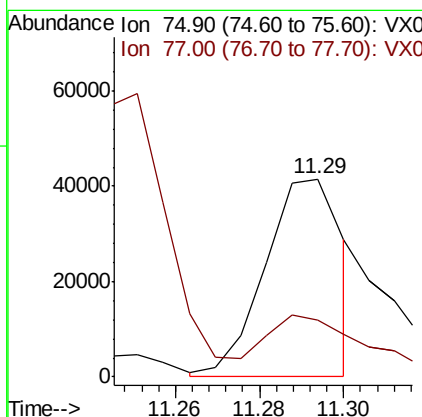
RT: 11.29 min Scan# 1707

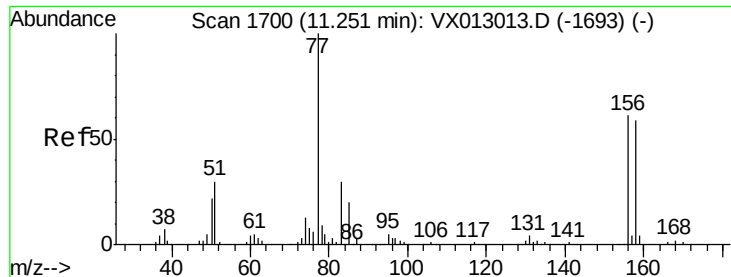
Delta R.T. 0.01 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Tgt Ion:	75	Resp:	53281
Ion	Ratio	Lower	Upper
75	100		
77	39.6	22.9	68.8





#77

Bromobenzene

Concen: 20.678 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Instrument :

MSVOA_X

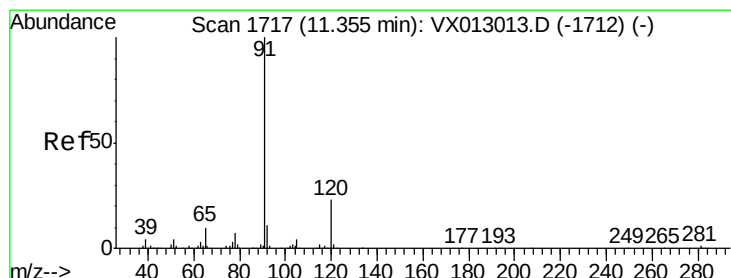
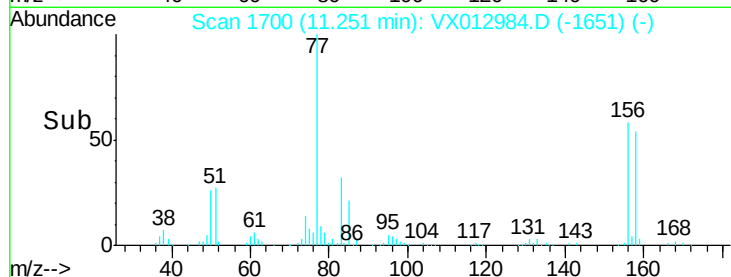
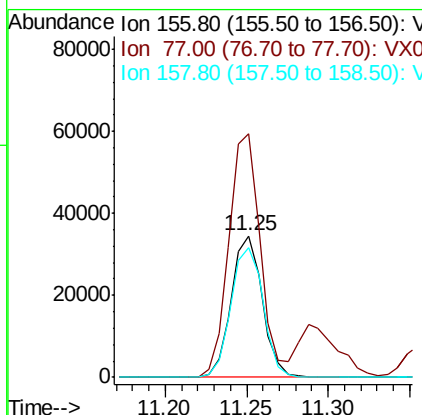
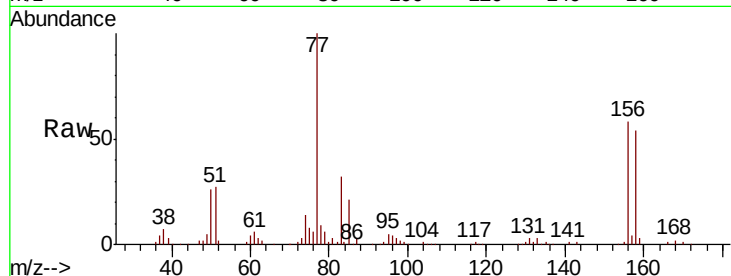
ClientSampleId :

VX1010WBS01

Tot Ion	156	Resp	45572
Ion Ratio	Lower	Upper	
156	100		
77	175.9	83.7	251.0
158	95.7	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 21.386 ug/l

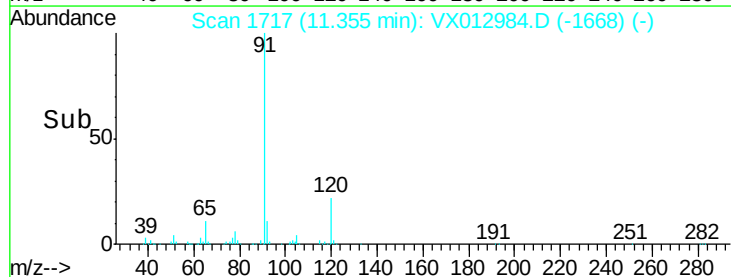
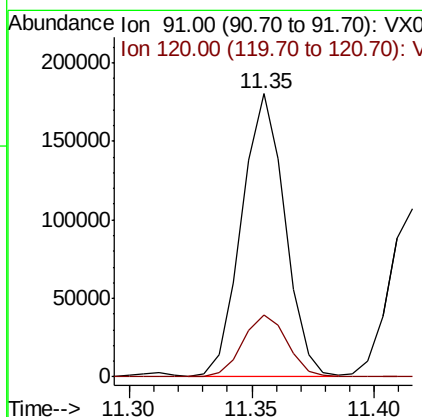
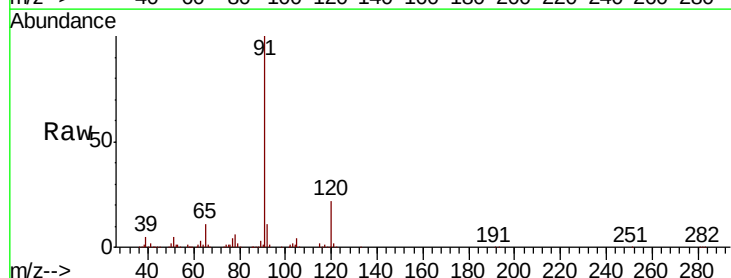
RT: 11.35 min Scan# 1717

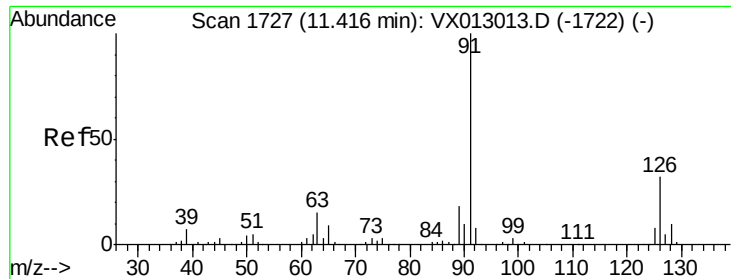
Delta R.T. -0.00 min

Lab File: VX012984.D

Acq: 10 Oct 2019 10:41

Tgt Ion	91	Resp	220091
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.7	35.1





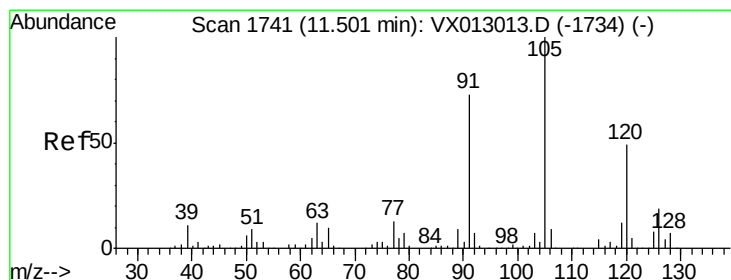
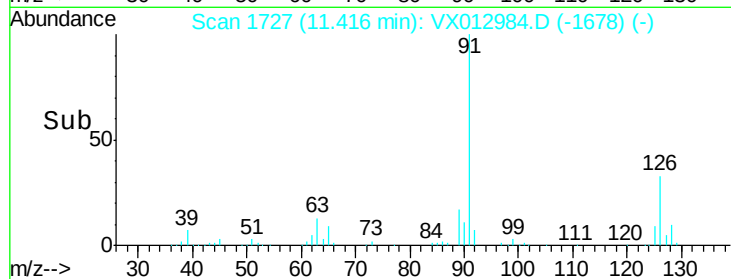
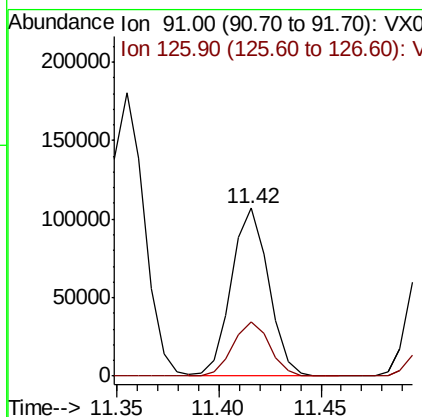
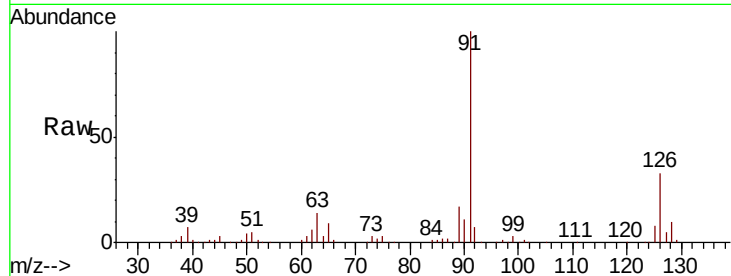
#79
 2-Chlorotoluene
 Concen: 20.792 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS01

Tot Ion: 91 Resp: 134479
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.3 48.8

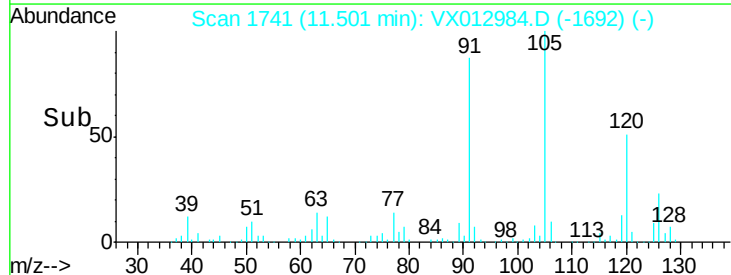
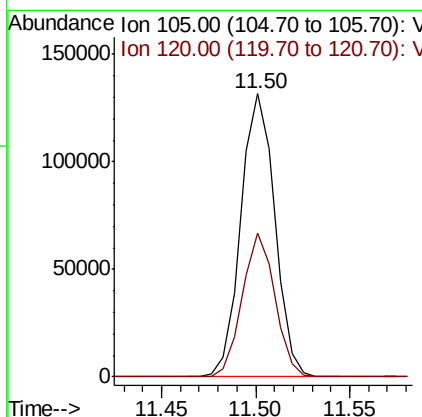
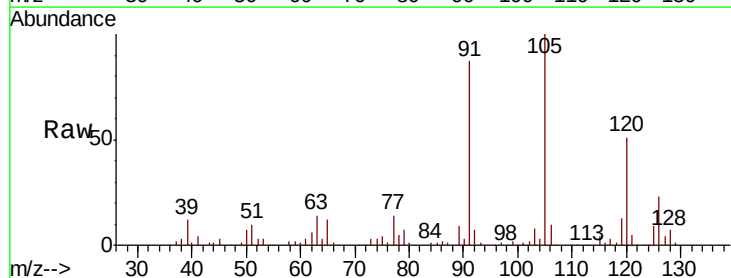
Manual Integrations
 APPROVED

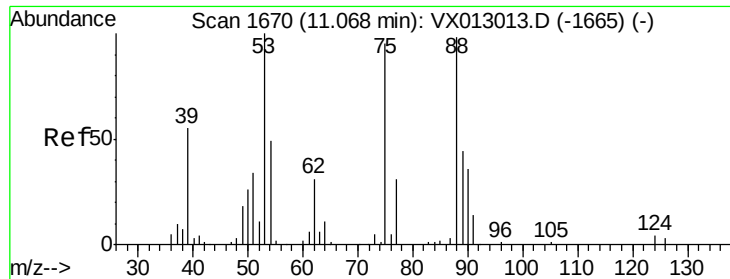
MMDadoda
 10/14/2019 1:04:53 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.046 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Tgt Ion: 105 Resp: 164357
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.8 74.3





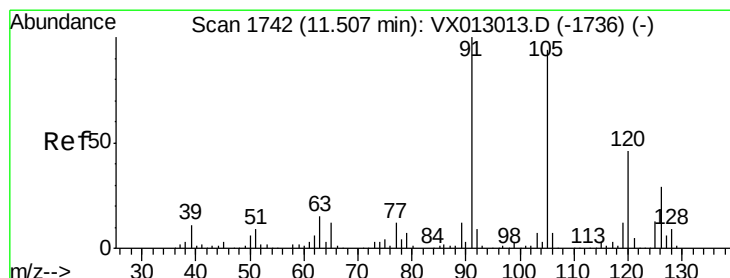
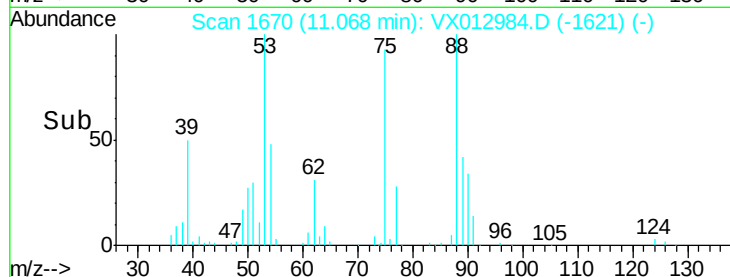
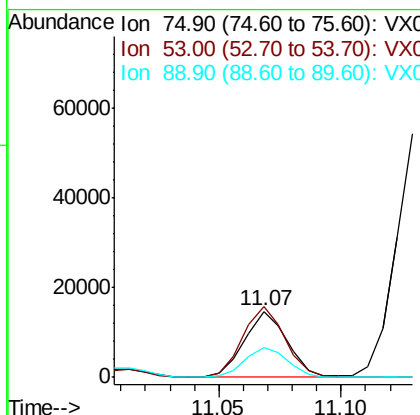
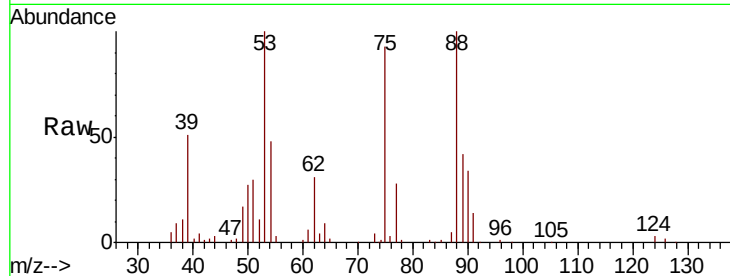
#81
trans-1,4-Dichloro-2-butene
Concen: 19.183 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tot Ion: 75 Resp: 18040
Ion Ratio Lower Upper
75 100
53 105.8 78.5 117.7
89 45.1 37.4 56.2

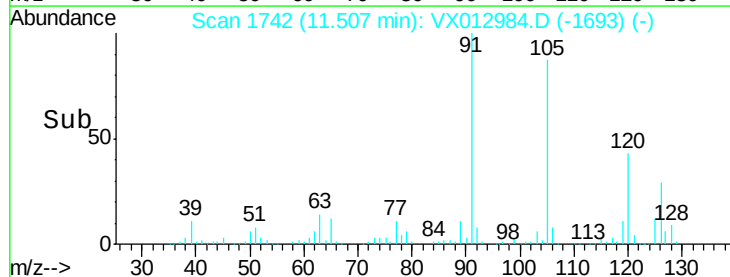
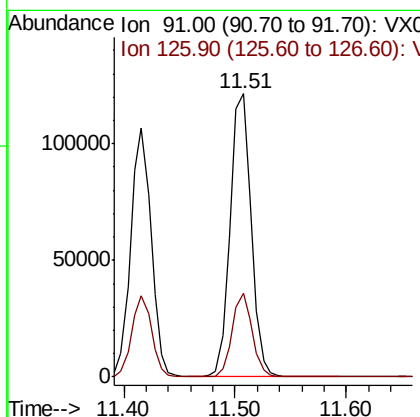
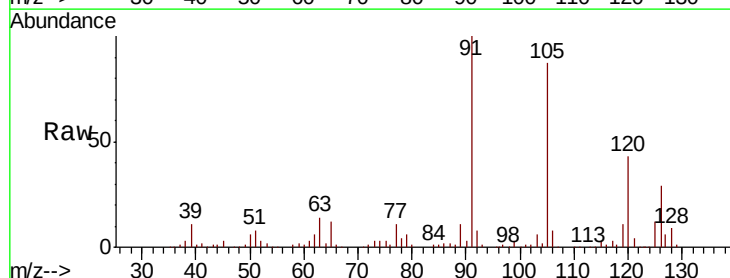
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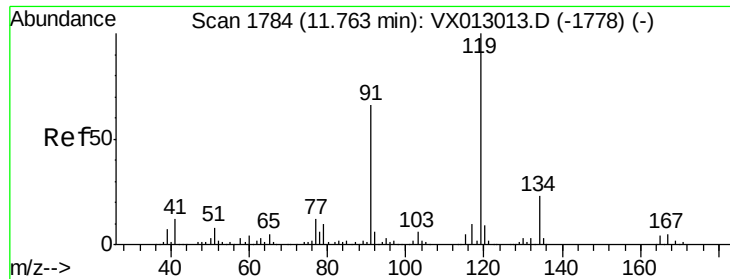
MMDadoda
10/14/2019 1:04:53 PM



#82
4-Chlorotoluene
Concen: 21.455 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion: 91 Resp: 159050
Ion Ratio Lower Upper
91 100
126 28.0 14.2 42.6





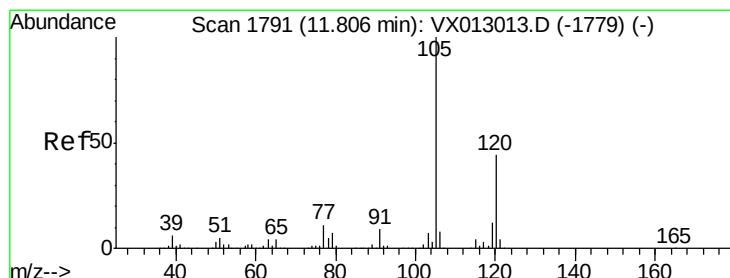
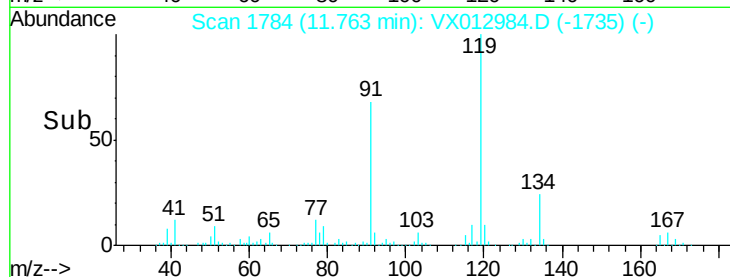
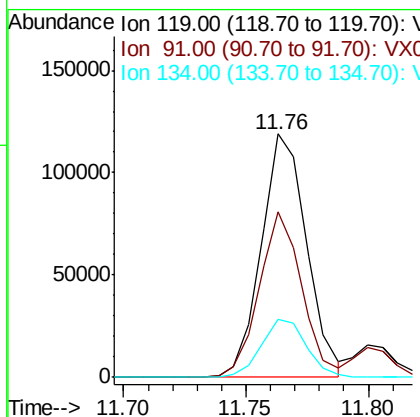
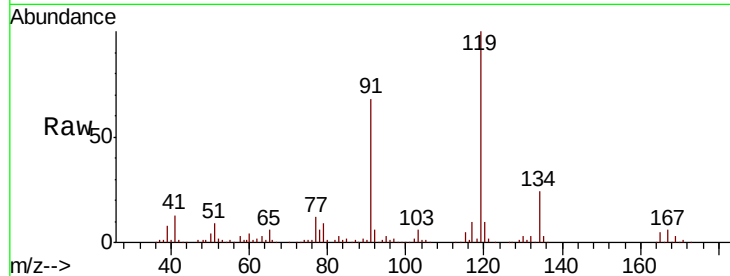
#83
tert-Butylbenzene
Concen: 20.114 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	153228		
91	63.9	29.3	87.9	
134	23.7	11.5	34.4	

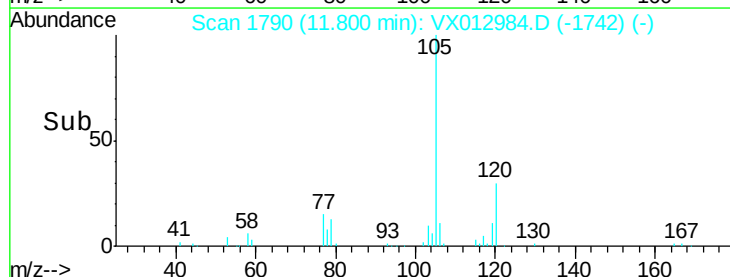
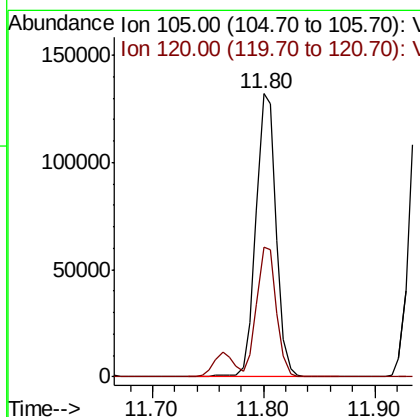
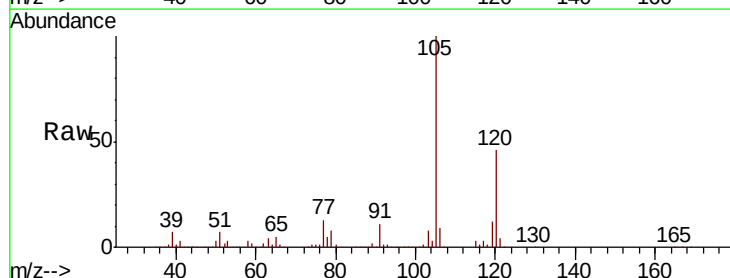
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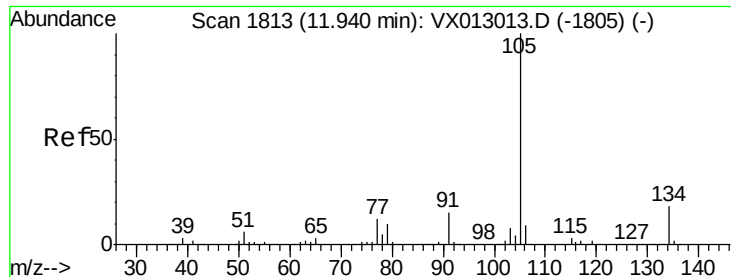
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 21.154 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	167306		
120	44.8	21.8	65.3	





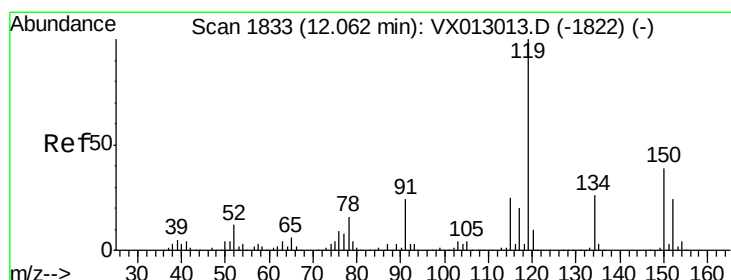
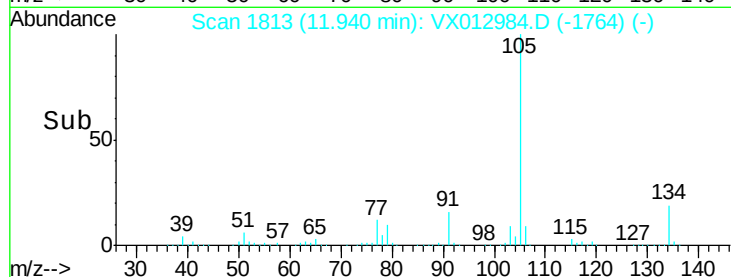
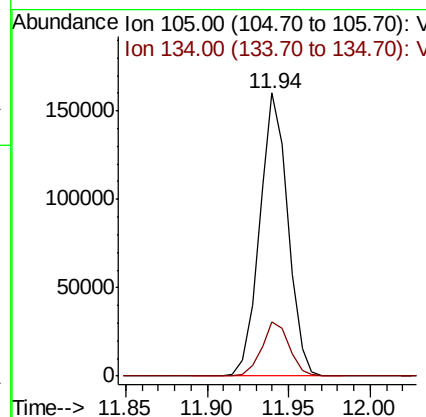
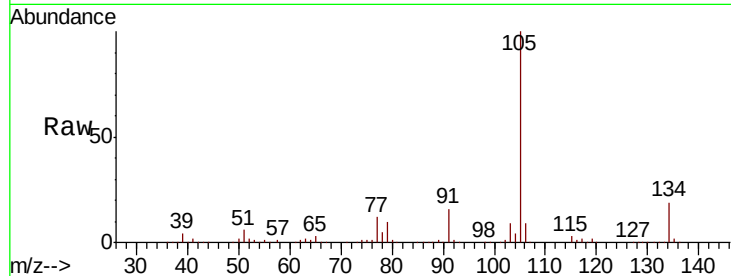
#85
 sec-Butylbenzene
 Concen: 21.776 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS01

Tot Ion:105 Resp: 192188
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.0 30.0

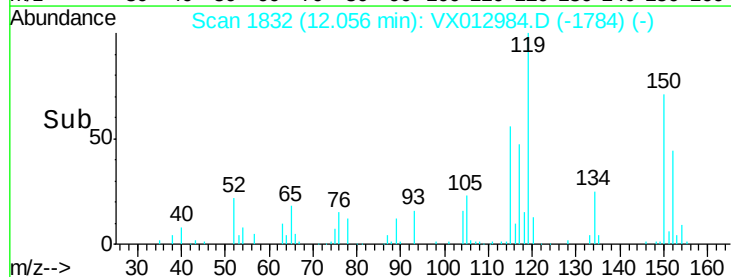
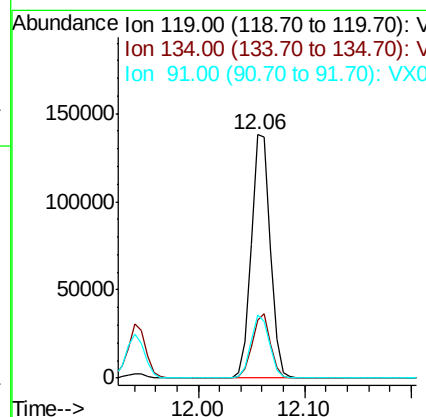
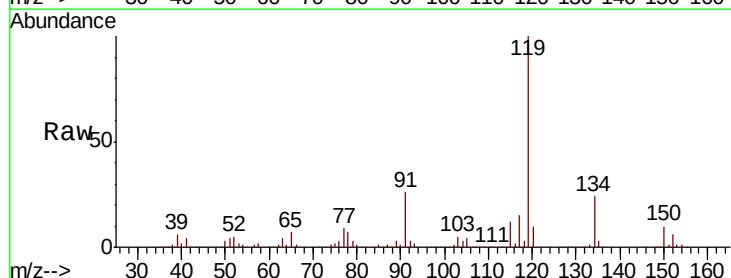
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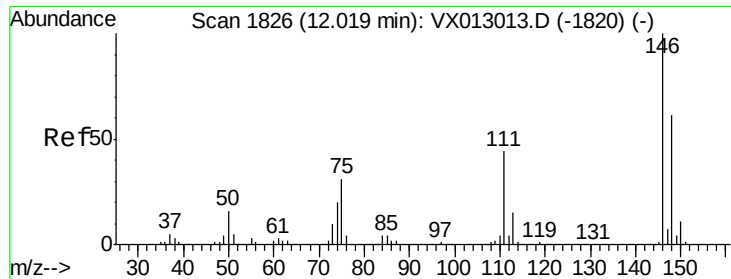
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 10/14/2019 1:04:53 PM



#86
 p-Isopropyltoluene
 Concen: 21.217 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Tgt Ion:119 Resp: 173668
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 25.3 12.4 37.4





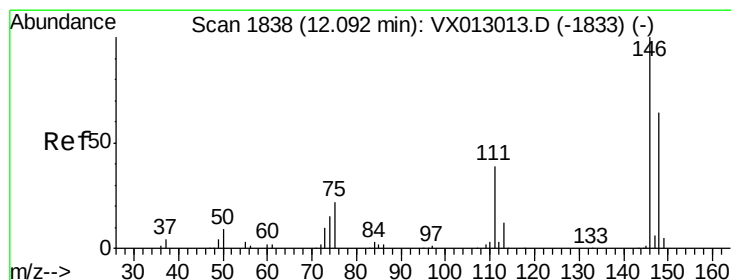
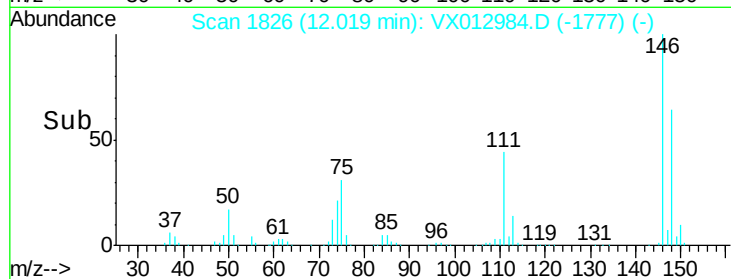
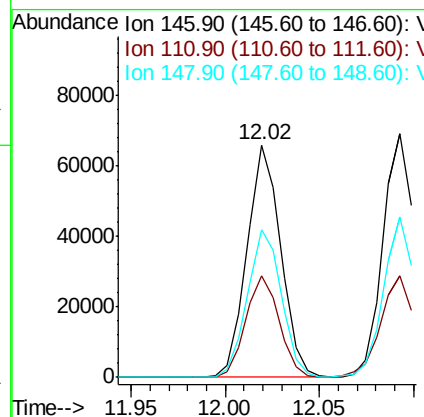
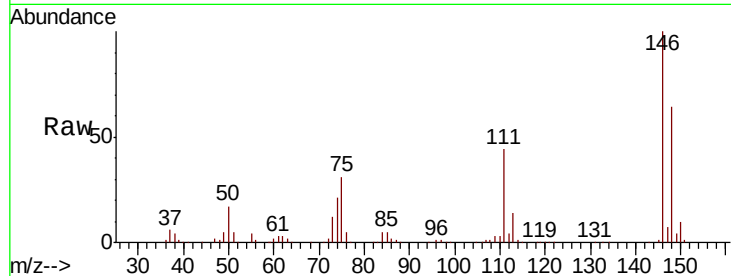
#87
 1,3-Dichlorobenzene
 Concen: 20.022 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.1	63.4
148	64.3	31.6	95.0

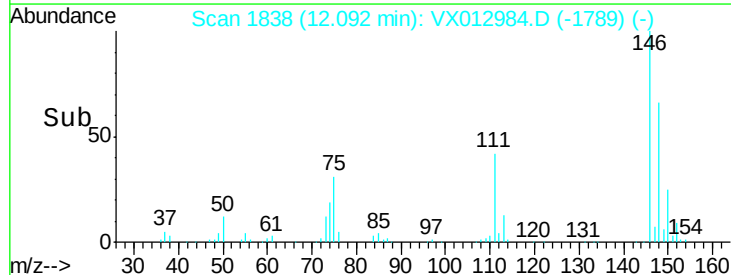
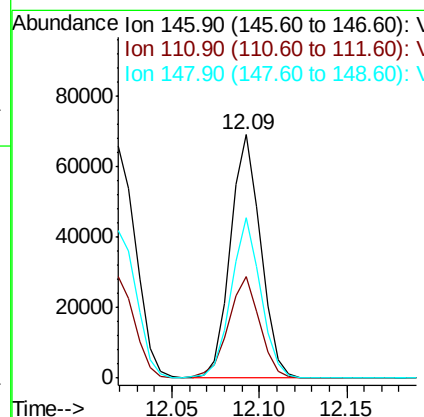
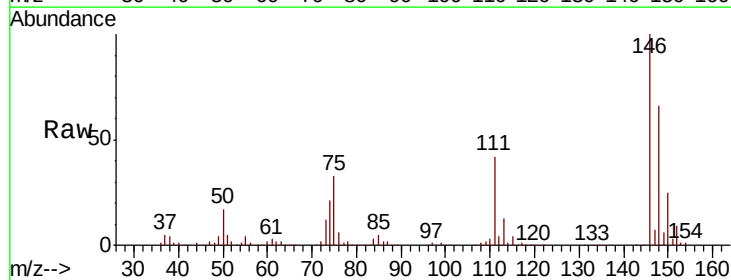
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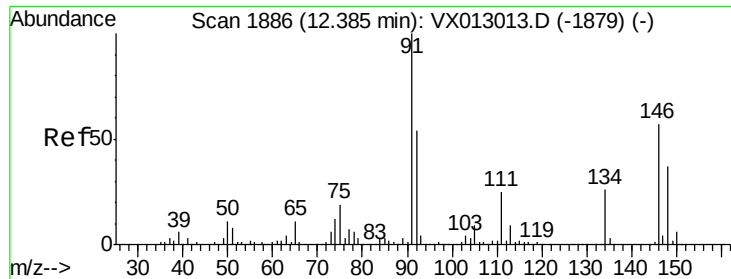
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#88
 1,4-Dichlorobenzene
 Concen: 20.043 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.4	64.3
148	64.4	32.1	96.5





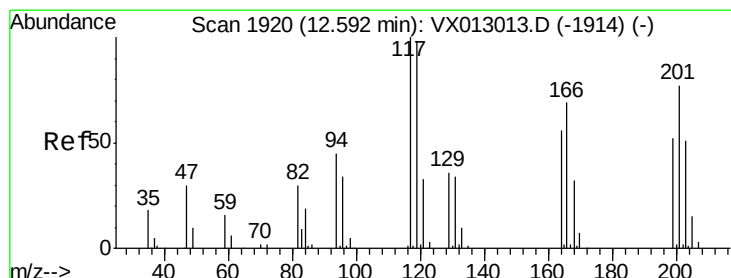
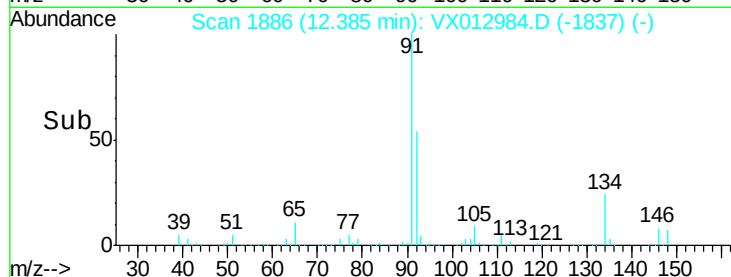
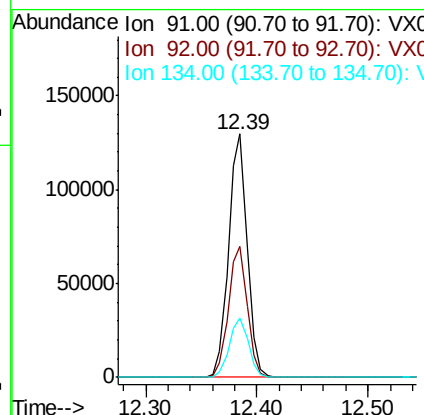
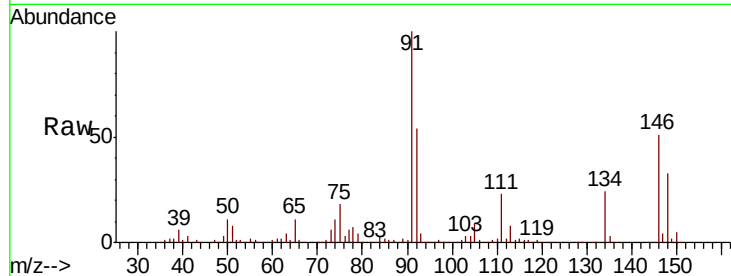
#89
n-Butylbenzene
Concen: 21.750 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.5	82.5
134	24.9	12.9	38.7

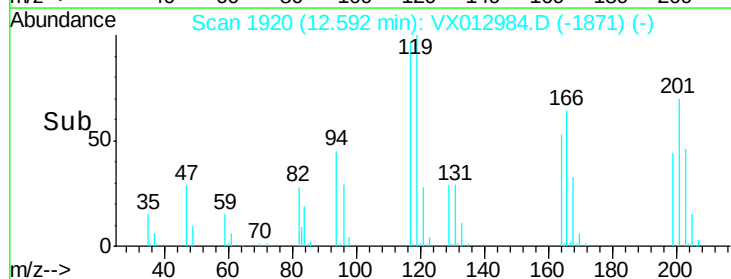
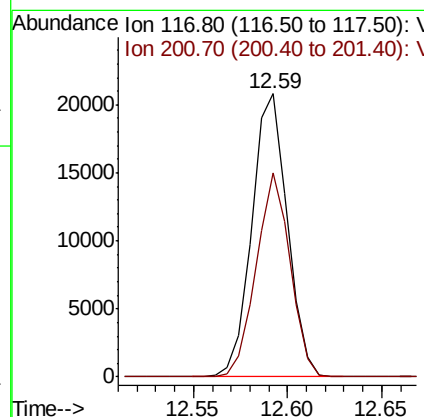
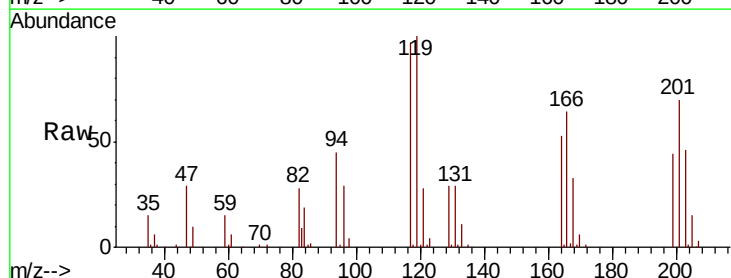
Manual Integrations
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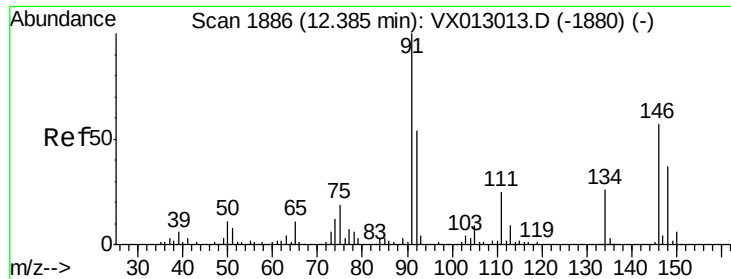
MMDadoda
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#90
Hexachloroethane
Concen: 19.240 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.0	36.9	110.7





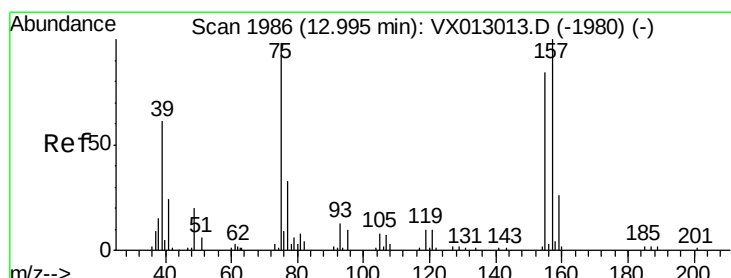
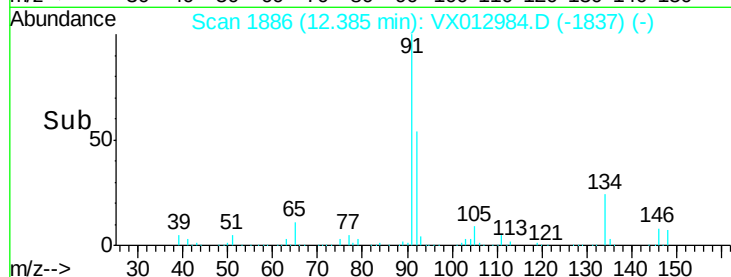
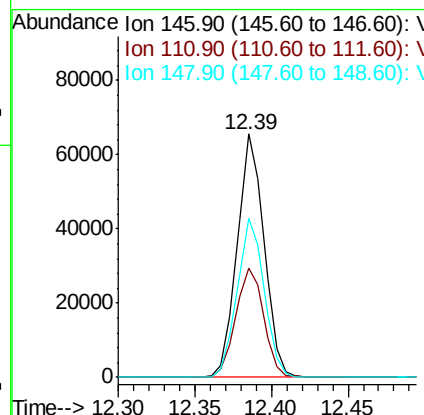
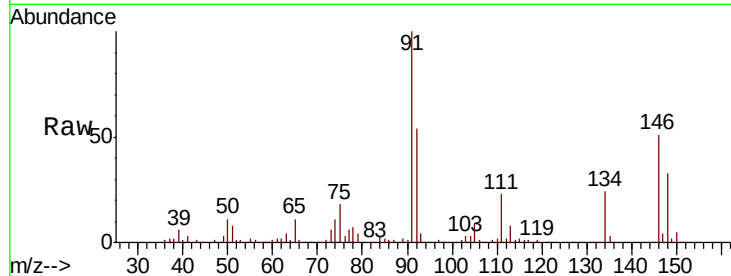
#91
 1,2-Dichlorobenzene
 Concen: 19.846 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.7	22.7	68.0
148	65.7	31.6	94.7

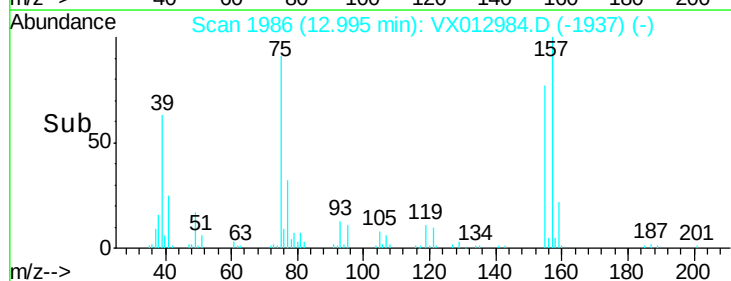
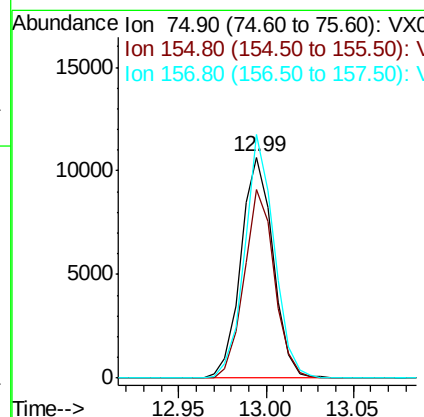
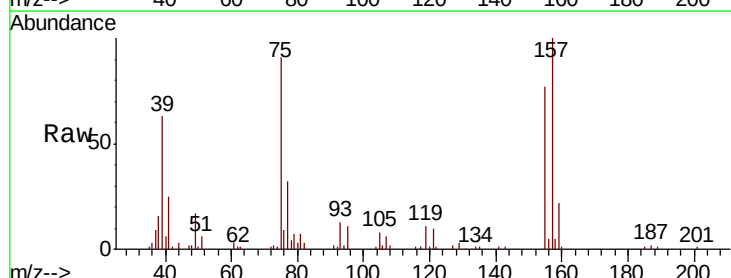
Manual Integrations
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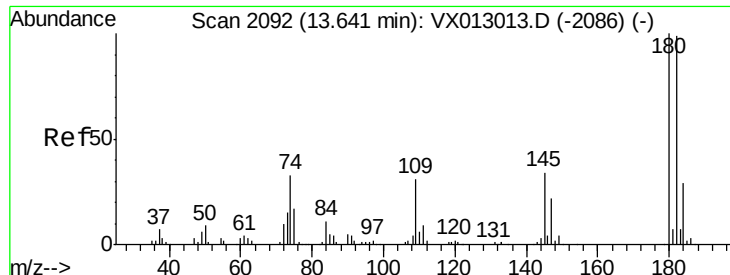
MMDadoda
 10/14/2019 1:04:53 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.689 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.2	43.0	128.8
157	101.1	54.1	162.3





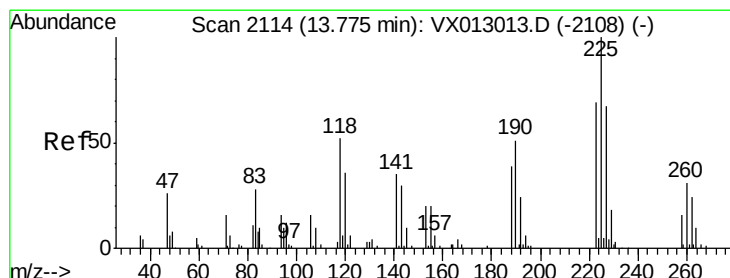
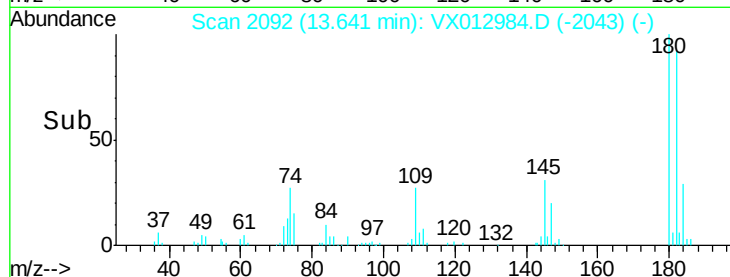
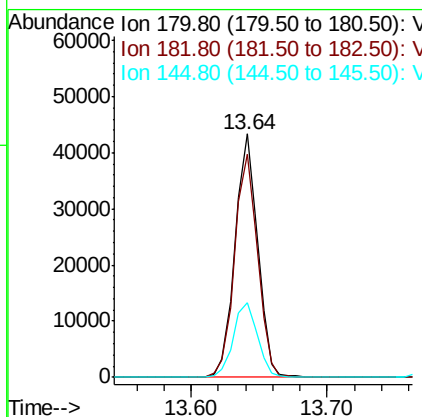
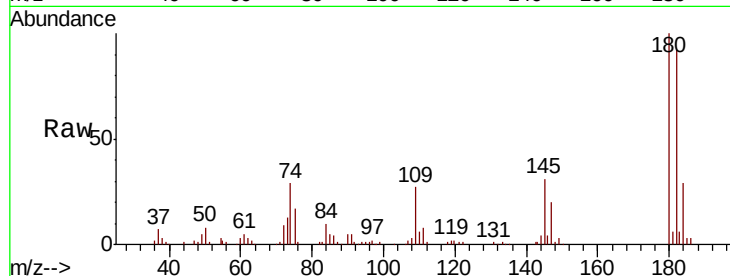
#93
 1,2,4-Trichlorobenzene
 Concen: 20.048 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	50389		
182	93.0		46.8	140.4
145	32.6		16.2	48.6

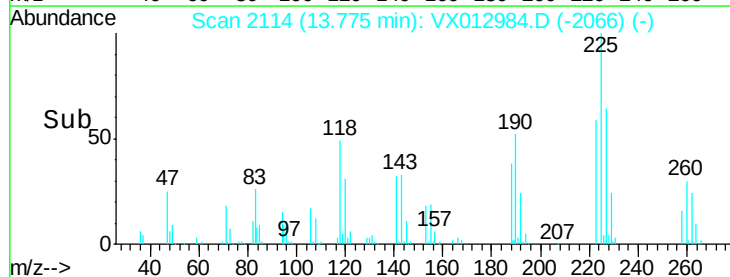
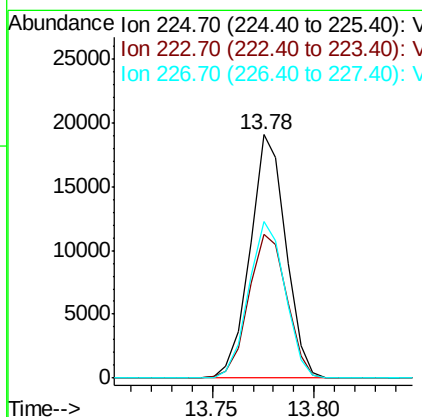
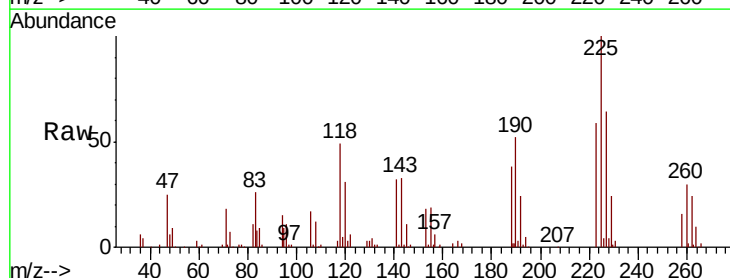
Manual Integrations
 APPROVED

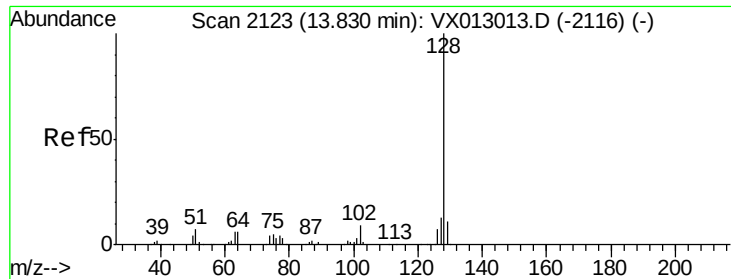
MMDadoda
 10/14/2019 1:04:53 PM



#94
 Hexachlorobutadiene
 Concen: 20.078 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012984.D
 Acq: 10 Oct 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	23289		
223	62.9		31.1	93.2
227	65.4		32.3	96.9





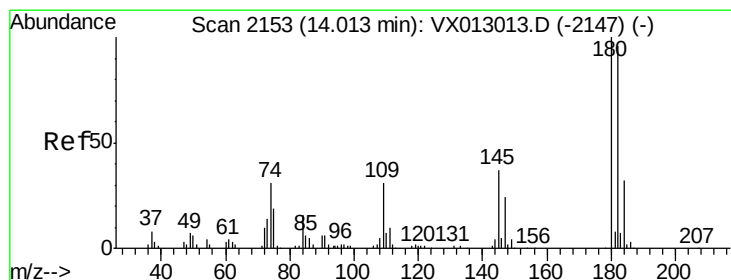
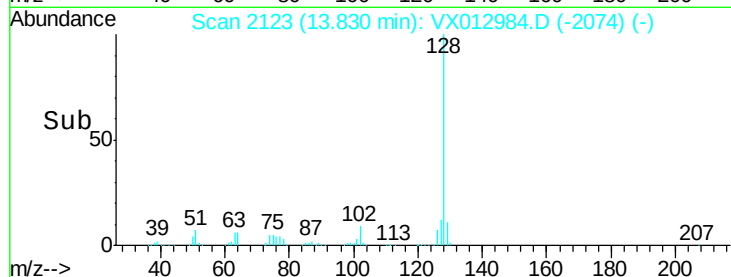
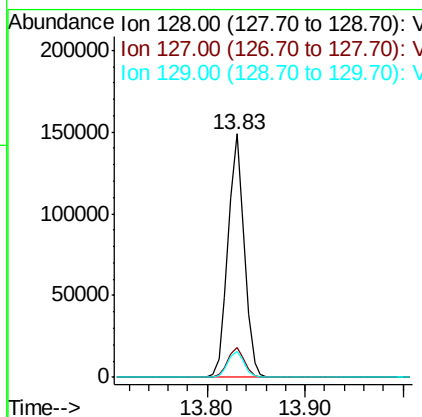
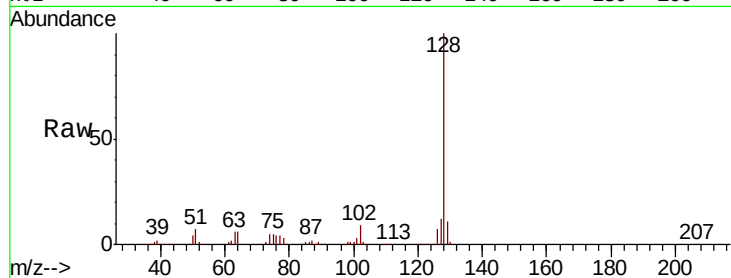
#95
Naphthalene
Concen: 19.850 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/14/2019 1:04:53 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.388 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012984.D
Acq: 10 Oct 2019 10:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	47.5	142.5
145	33.8	17.4	52.3

