

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
 Data File : VX013104.D
 Acq On : 17 Oct 2019 14:01
 Operator : JC/SP
 Sample : VX1017MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 10:05:36 AM

Quant Time: Oct 18 08:53:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	158674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	265882	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	107405	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	99710	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
35) Dibromofluoromethane	5.48	113	79551	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
50) Toluene-d8	8.71	98	295974	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	11.14	95	113923	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	26839	16.594	ug/l	93
3) Chloromethane	1.32	50	27844	15.818	ug/l	98
4) Vinyl Chloride	1.40	62	29733	16.365	ug/l	98
5) Bromomethane	1.63	94	14260	18.882	ug/l	97
6) Chloroethane	1.71	64	18729	17.120	ug/l	97
7) Trichlorofluoromethane	1.92	101	46707	19.047	ug/l	94
8) Diethyl Ether	2.18	74	16559	16.730	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	29748	18.744	ug/l	98
10) Methyl Iodide	2.50	142	29977	20.060	ug/l	98
11) Tert butyl alcohol	3.03	59	44324	84.309	ug/l	100
12) 1,1-Dichloroethene	2.36	96	29402	18.336	ug/l	96
13) Acrolein	2.28	56	37091	99.276	ug/l	98
14) Allyl chloride	2.72	41	50078	17.537	ug/l	98
15) Acrylonitrile	3.13	53	94879	95.231	ug/l	98
16) Acetone	2.43	43	91169	87.213	ug/l	98
17) Carbon Disulfide	2.56	76	67001	14.654	ug/l	99
18) Methyl Acetate	2.76	43	46376	18.717	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	106987	19.321	ug/l	96
20) Methylene Chloride	2.85	84	34220	17.812	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	30945	18.006	ug/l	97
22) Diisopropyl ether	3.84	45	102489	18.730	ug/l	94
23) Vinyl Acetate	3.80	43	433448	91.761	ug/l	99
24) 1,1-Dichloroethane	3.69	63	57320	18.621	ug/l	98
25) 2-Butanone	4.66	43	132000	91.016	ug/l	99
26) 2,2-Dichloropropane	4.58	77	48223	18.629	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	37278	18.817	ug/l	99
28) Bromochloromethane	5.01	49	17261	18.481	ug/l	93
29) Tetrahydrofuran	5.12	42	80975	90.733	ug/l	97
30) Chloroform	5.20	83	59789	18.929	ug/l	95
31) Cyclohexane	5.58	56	49873	17.326	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	51793	19.352	ug/l	99
36) 1,1-Dichloropropene	5.79	75	43004	18.396	ug/l	99
37) Ethyl Acetate	4.82	43	46465	17.776	ug/l	97
38) Carbon Tetrachloride	5.78	117	43588	19.157	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	51528	18.176	ug/l	98
40) Benzene	6.14	78	131771	19.085	ug/l	97
41) Methacrylonitrile	5.03	41	27288	18.998	ug/l	99
42) 1,2-Dichloroethane	6.18	62	48675	19.647	ug/l	100
43) Isopropyl Acetate	6.43	43	78838	18.791	ug/l	98
44) Trichloroethene	7.21	130	36007	18.807	ug/l	94
45) 1,2-Dichloropropane	7.51	63	33800	19.208	ug/l	99
46) Dibromomethane	7.65	93	23094	19.698	ug/l	98
47) Bromodichloromethane	7.89	83	43938	19.204	ug/l	99
48) Methyl methacrylate	7.76	41	37553	18.368	ug/l	99
49) 1,4-Dioxane	7.73	88	19236	373.389	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	246913	94.394	ug/l	99
52) Toluene	8.78	92	84584	19.149	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	47303	18.017	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	53033	18.846	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	36095	20.649	ug/l	97
56) Ethyl methacrylate	9.17	69	53515	18.302	ug/l	99
57) 1,3-Dichloropropane	9.37	76	58079	19.208	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	132534	103.209	ug/l	100
59) 2-Hexanone	9.48	43	189477	93.054	ug/l	99
60) Dibromochloromethane	9.57	129	34671	19.018	ug/l	97
61) 1,2-Dibromoethane	9.67	107	36827	20.027	ug/l	99
64) Tetrachloroethene	9.33	164	34020	20.618	ug/l	98
65) Chlorobenzene	10.14	112	90837	19.228	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	32835	20.046	ug/l	98
67) Ethyl Benzene	10.25	91	160173	19.087	ug/l	98
68) m/p-Xylenes	10.35	106	121247	38.676	ug/l	99
69) o-Xylene	10.70	106	59119	19.338	ug/l	99
70) Styrene	10.71	104	100802	19.396	ug/l	99
71) Bromoform	10.85	173	23550	18.952	ug/l #	98
73) Isopropylbenzene	11.01	105	161366	20.435	ug/l	99
74) N-amyl acetate	10.89	43	63352	18.628	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	51777	19.714	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	41966m	17.616	ug/l	
77) Bromobenzene	11.25	156	37103	19.939	ug/l	99
78) n-propylbenzene	11.35	91	168046	19.340	ug/l	99
79) 2-Chlorotoluene	11.42	91	110383	20.213	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	135120	20.492	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	14823	18.778	ug/l	95
82) 4-Chlorotoluene	11.51	91	120848	19.307	ug/l	97
83) tert-Butylbenzene	11.76	119	129960	20.205	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	131765	19.731	ug/l	99
85) sec-Butylbenzene	11.94	105	150811	20.238	ug/l	100
86) p-Isopropyltoluene	12.06	119	137903	19.954	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	65435	18.936	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	68298	19.516	ug/l	99
89) n-Butylbenzene	12.39	91	109461	18.845	ug/l	98
90) Hexachloroethane	12.59	117	21912	18.511	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	66851	19.734	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	12502	20.309	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	40622	19.142	ug/l	97
94) Hexachlorobutadiene	13.78	225	19754	20.170	ug/l	98
95) Naphthalene	13.83	128	140783	19.138	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	42640	19.444	ug/l	99

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

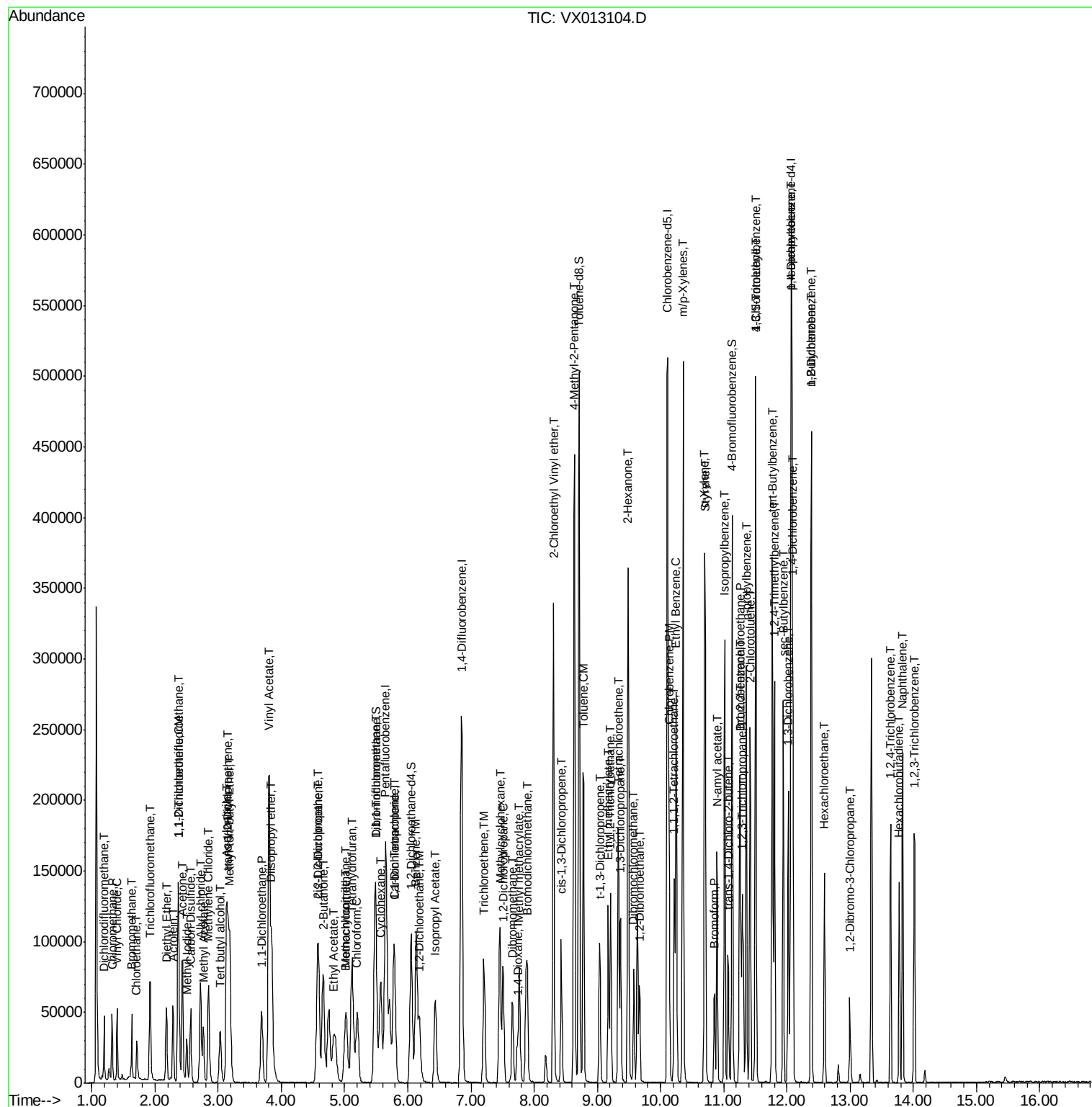
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Data File : VX013104.D
Acq On : 17 Oct 2019 14:01
Operator : JC/SP
Sample : VX1017MBS01
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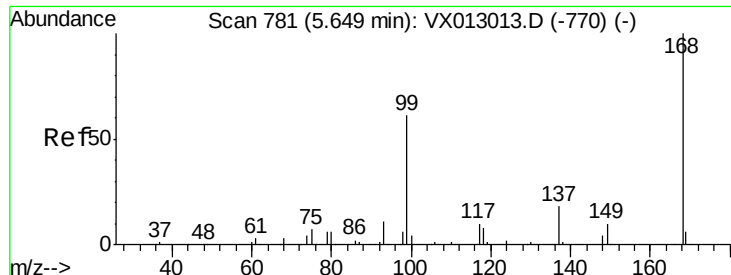
Instrument :
MSVOA_X
ClientSampleId :
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tot Ion:168 Resp: 158674

Ion Ratio Lower Upper

168 100

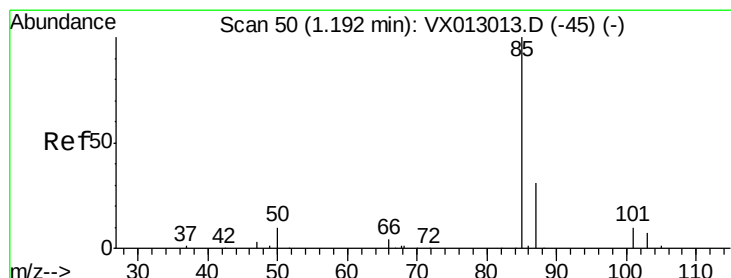
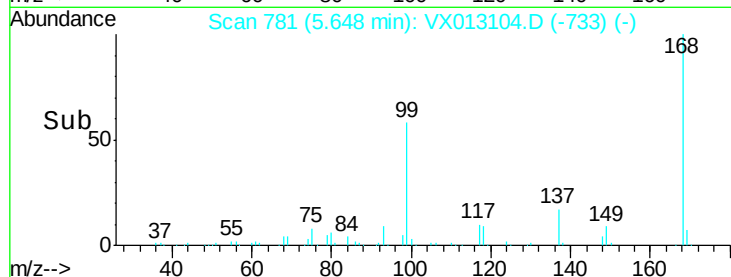
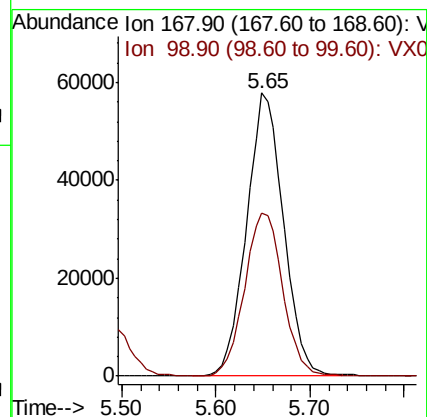
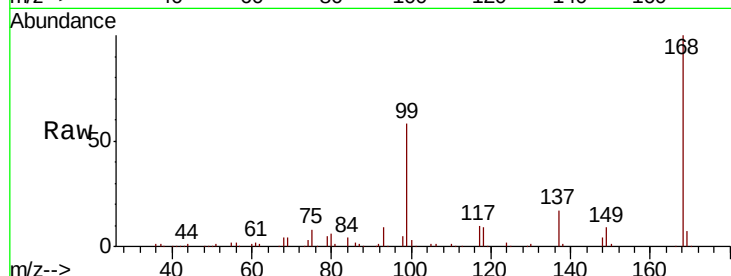
99 57.6 49.4 74.0

Manual Integrations

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10/18/2019 10:05:36 AM



#2

Dichlorodifluoromethane

Concen: 16.594 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX013104.D

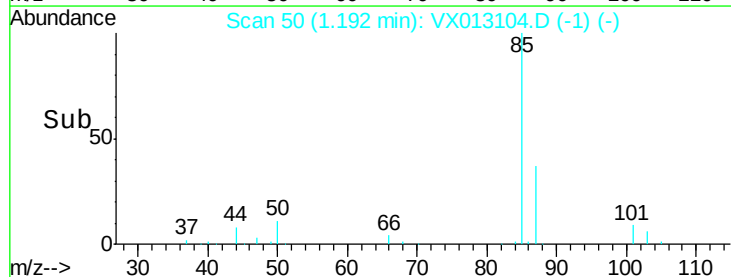
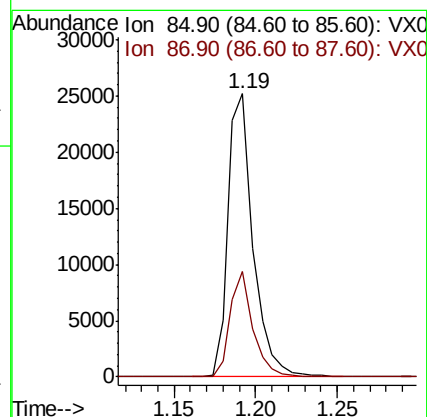
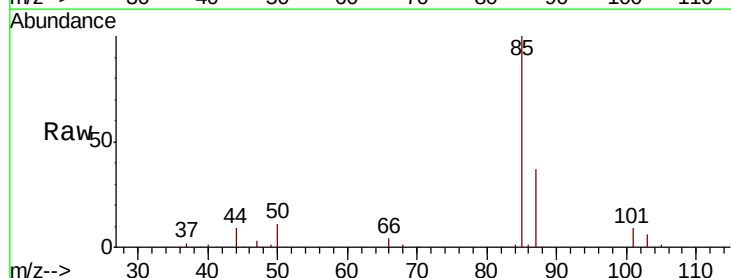
Acq: 17 Oct 2019 14:01

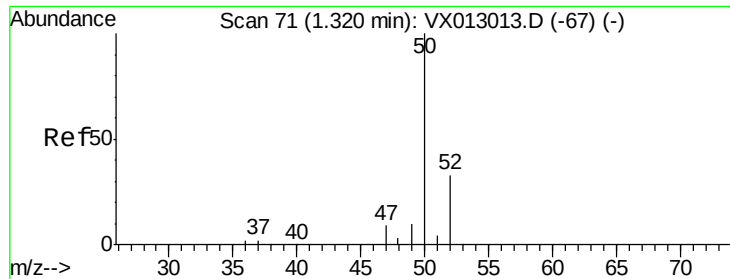
Tgt Ion: 85 Resp: 26839

Ion Ratio Lower Upper

85 100

87 37.1 16.4 49.4





#3

Chloromethane

Concen: 15.818 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tot Ion: 50 Resp: 27844

Ion Ratio Lower Upper

50 100

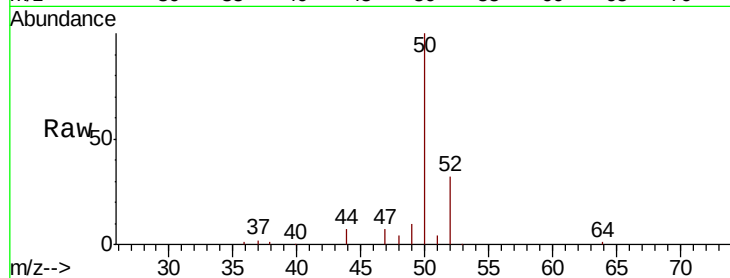
52 32.4 25.2 37.8

Manual Integrations

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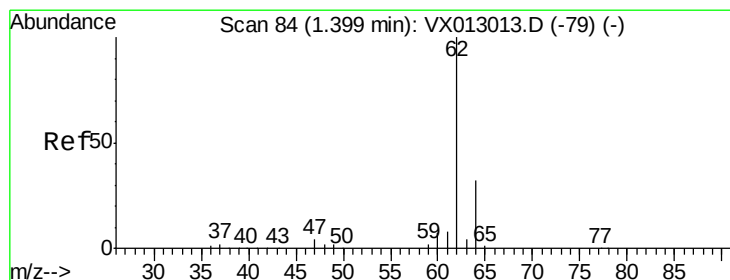
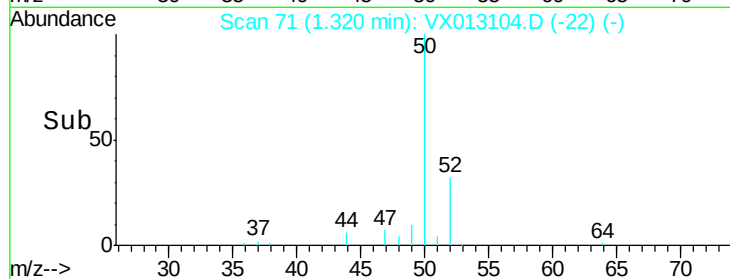
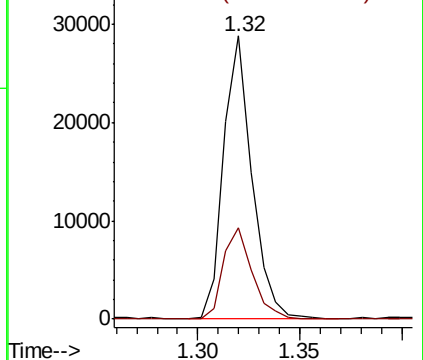
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.365 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013104.D

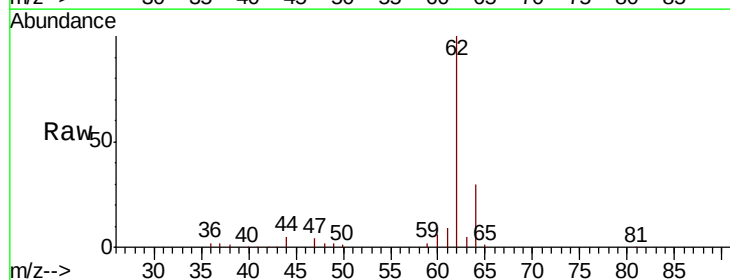
Acq: 17 Oct 2019 14:01

Tgt Ion: 62 Resp: 29733

Ion Ratio Lower Upper

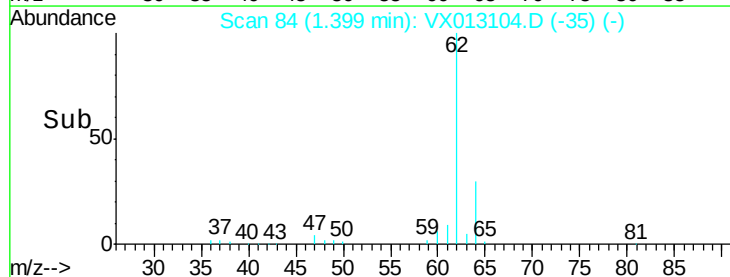
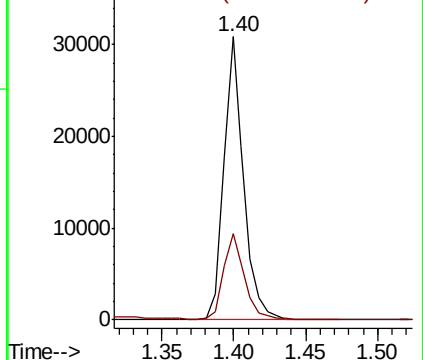
62 100

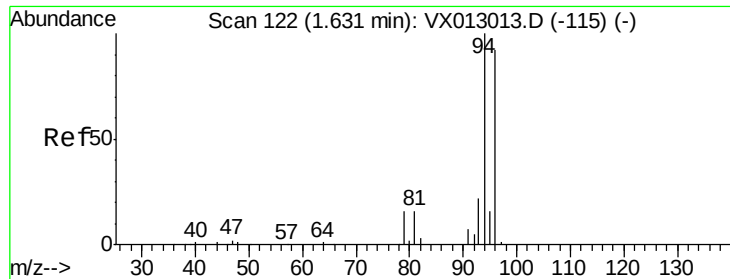
64 30.3 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.882 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Instrument :

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ClientSampleId :

VX1017MBS01

Tot Ion: 94 Resp: 14260

Ion Ratio Lower Upper

94 100

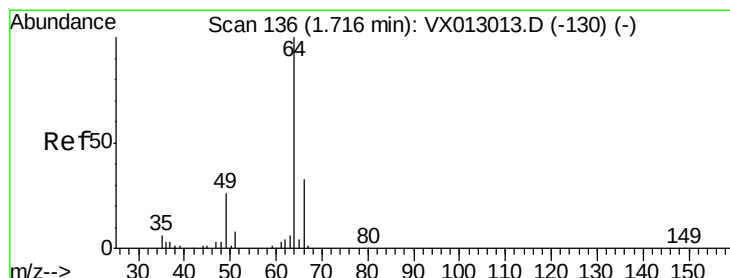
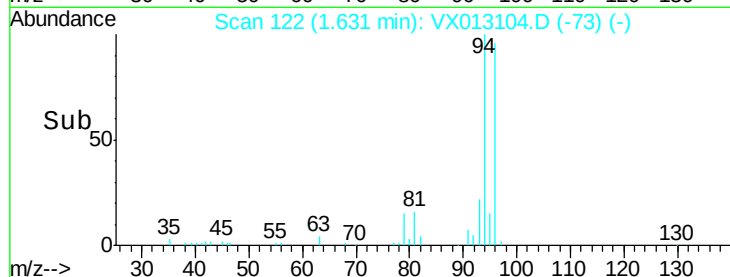
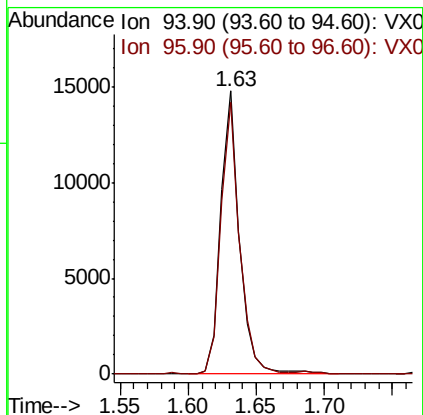
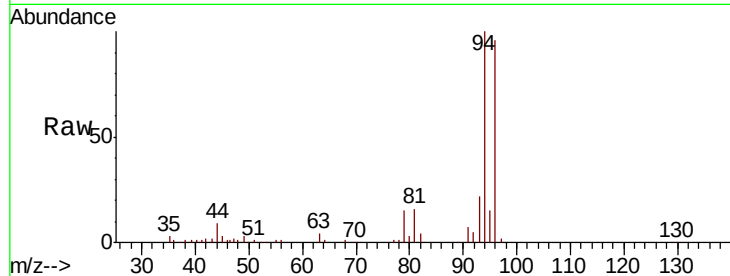
96 95.8 74.7 112.1

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#6

Chloroethane

Concen: 17.120 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013104.D

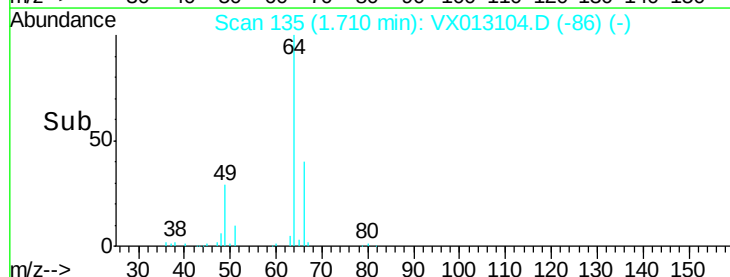
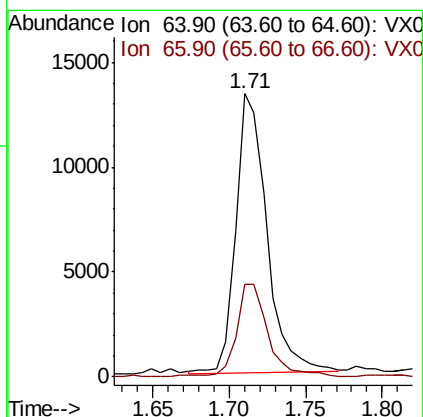
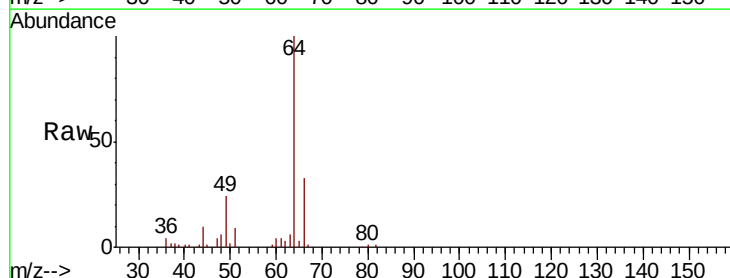
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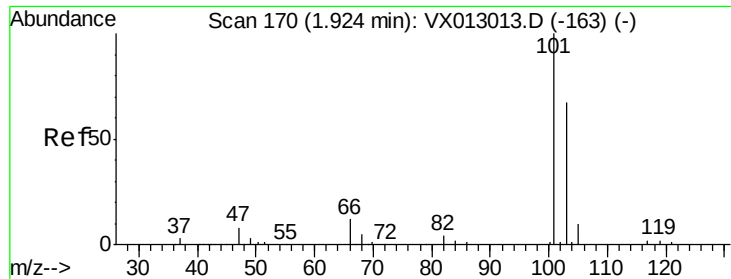
Tgt Ion: 64 Resp: 18729

Ion Ratio Lower Upper

64 100

66 33.5 25.6 38.4





#7

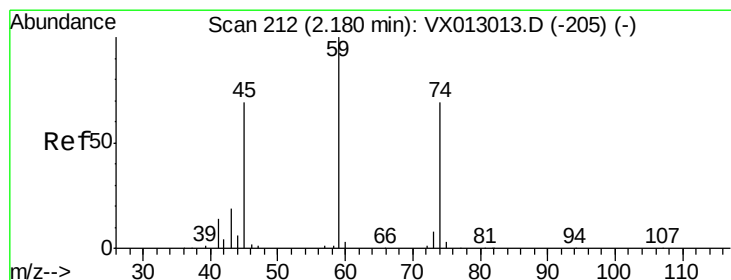
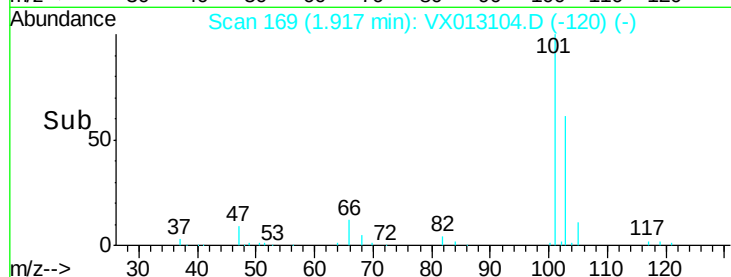
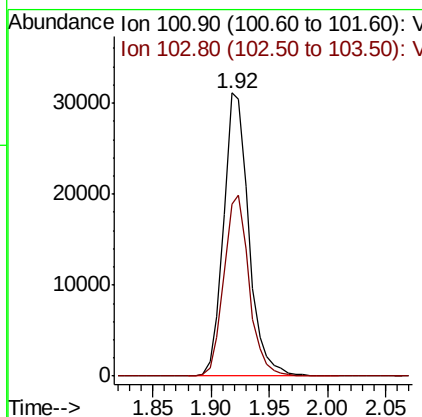
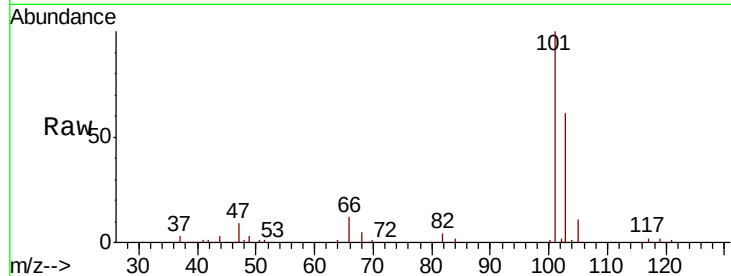
Trichlorofluoromethane
Concen: 19.047 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tot Ion:101 Resp: 46707
Ion Ratio Lower Upper
101 100
103 60.6 52.5 78.7

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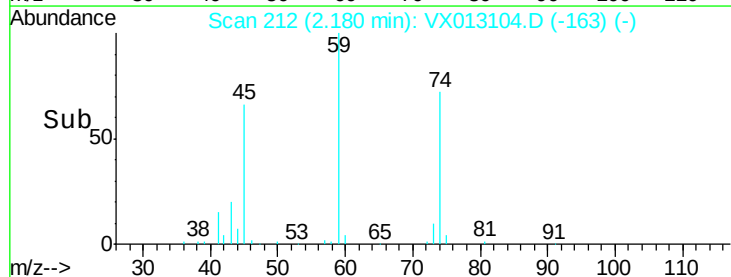
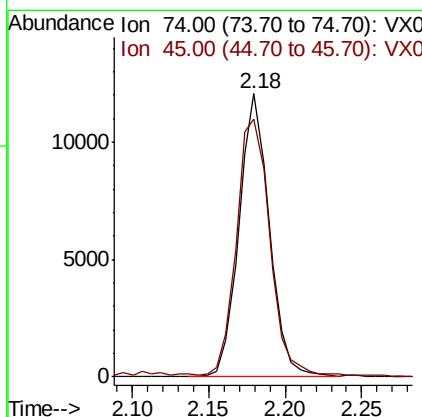
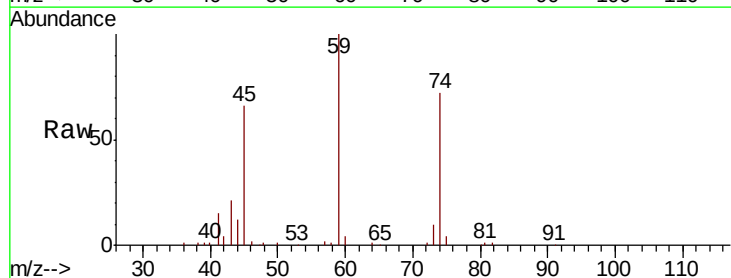
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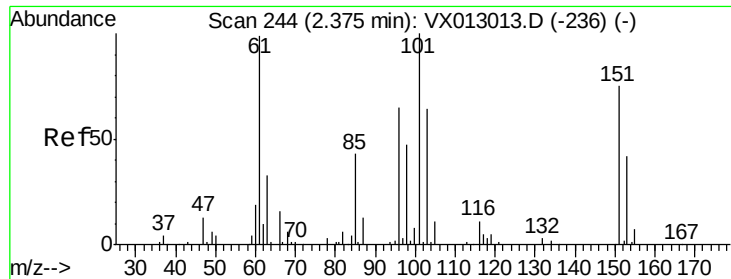


#8

Diethyl Ether
Concen: 16.730 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Tgt Ion: 74 Resp: 16559
Ion Ratio Lower Upper
74 100
45 100.0 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.744 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Instrument :

MSVOA_X

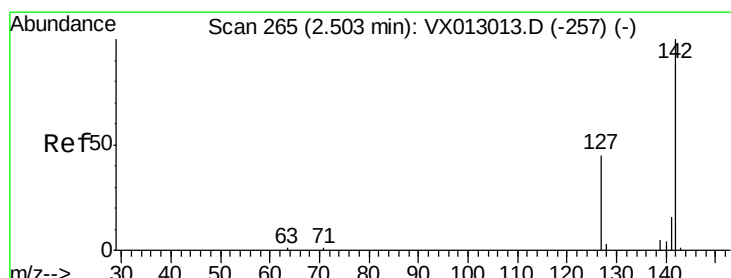
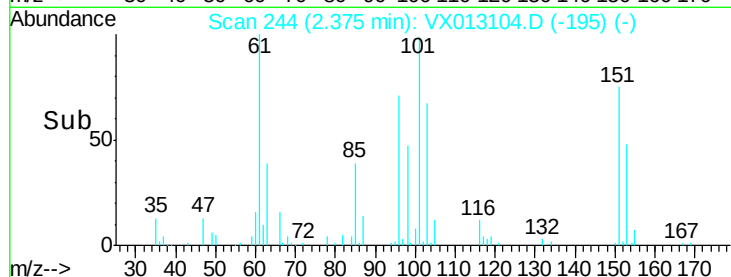
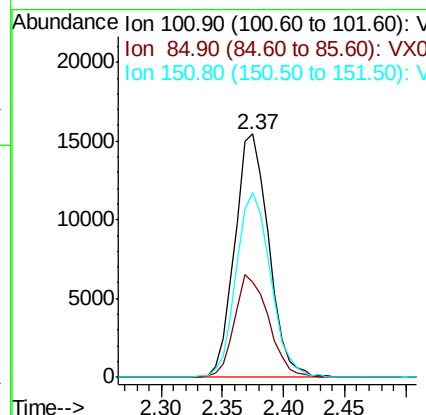
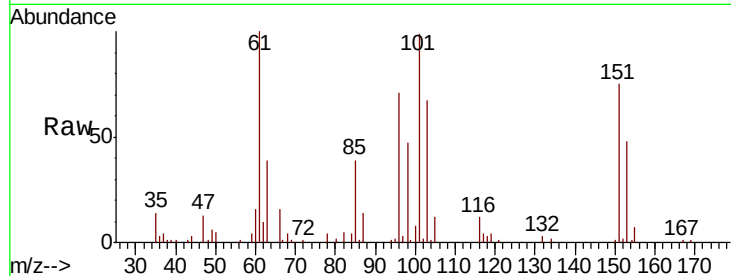
ClientSampleId :

VX1017MBS01

Tot Ion:	101	Resp:	29748
Ion Ratio	Lower	Upper	
101	100		
85	42.2	35.2	52.8
151	77.1	60.3	90.5

Manual Integrations
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#10

Methyl Iodide

Concen: 20.060 ug/l

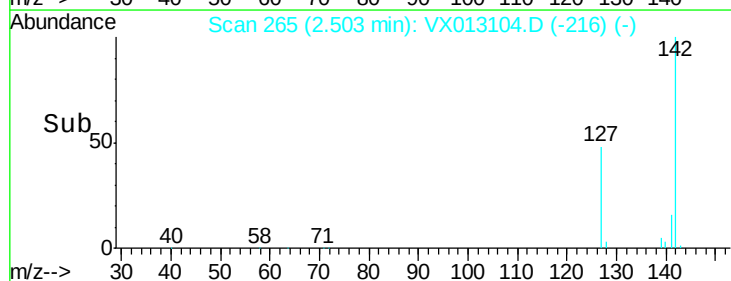
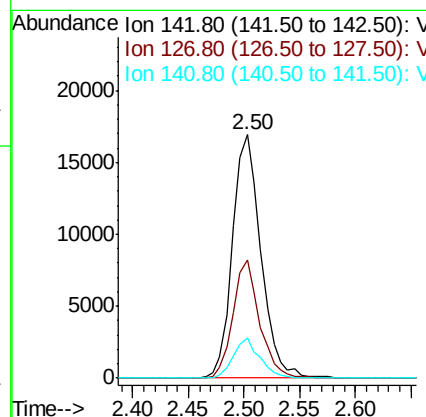
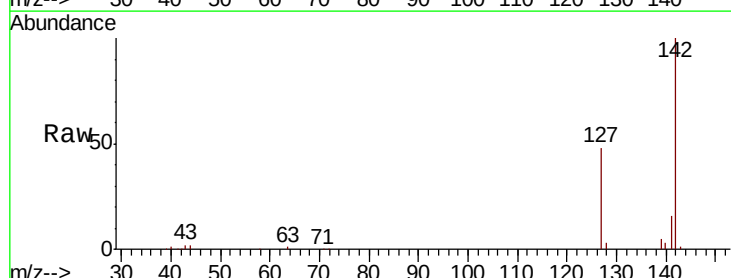
RT: 2.50 min Scan# 265

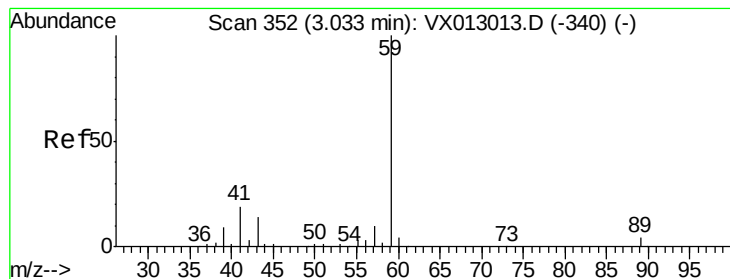
Delta R.T. 0.00 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Tgt Ion:	142	Resp:	29977
Ion Ratio	Lower	Upper	
142	100		
127	45.1	34.9	52.3
141	15.1	11.6	17.4





#11

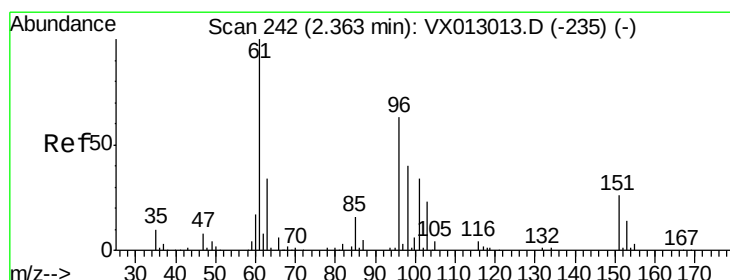
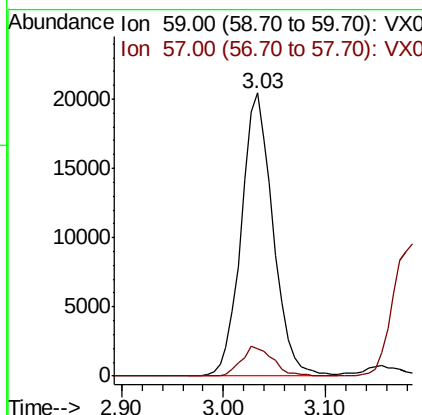
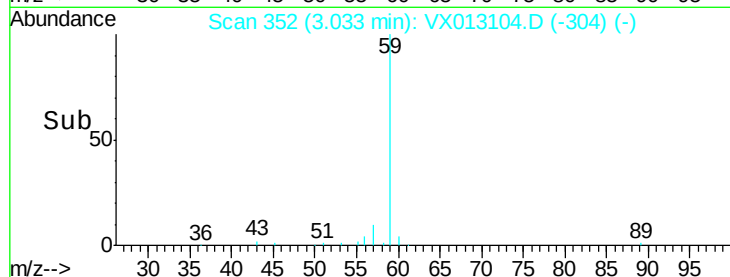
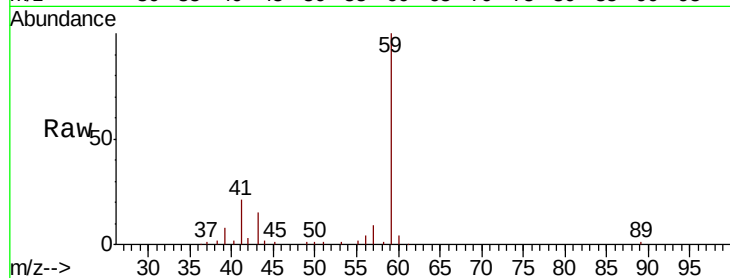
Tert butyl alcohol
Concen: 84.309 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.3	12.5

Manual Integrations
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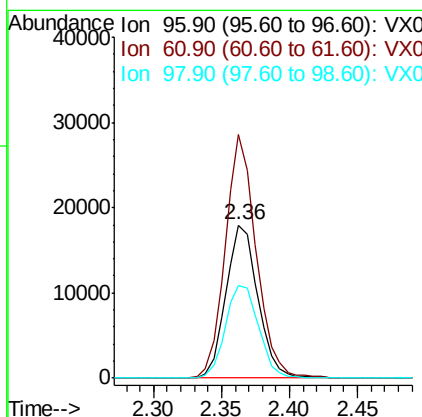
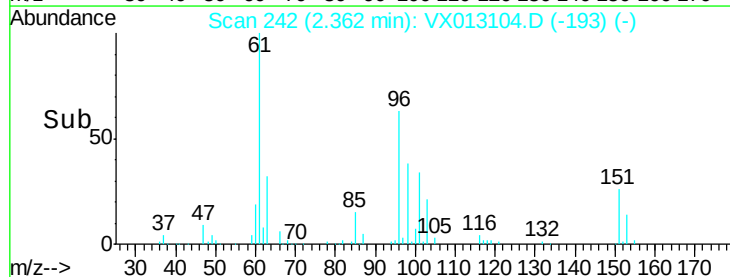
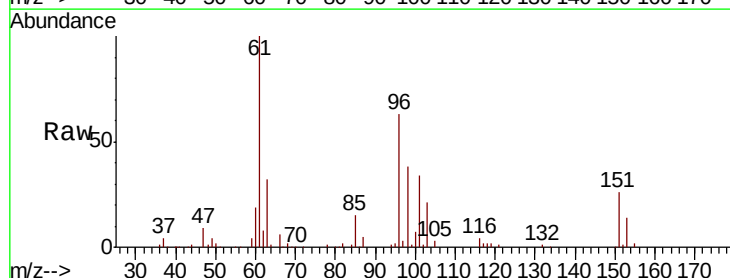
MMDadoda
10/18/2019 10:05:36 AM

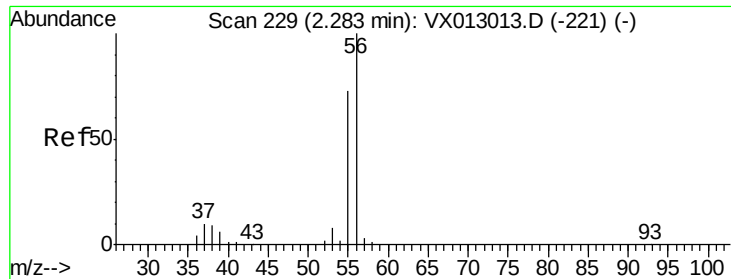


#12

1,1-Dichloroethene
Concen: 18.336 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.9	132.2	198.4
98	60.4	50.5	75.7





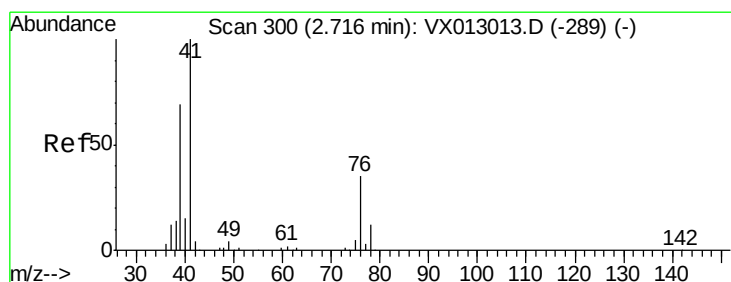
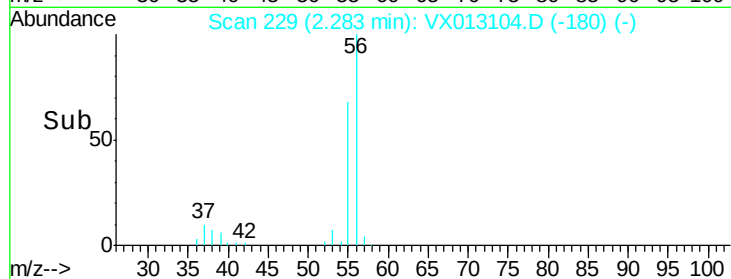
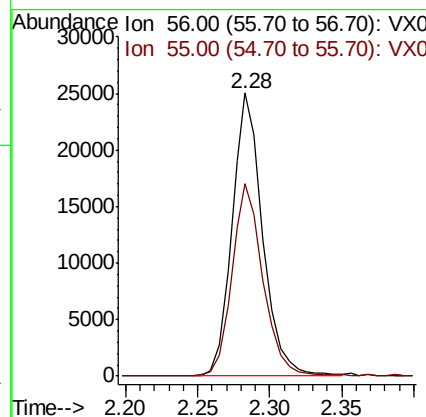
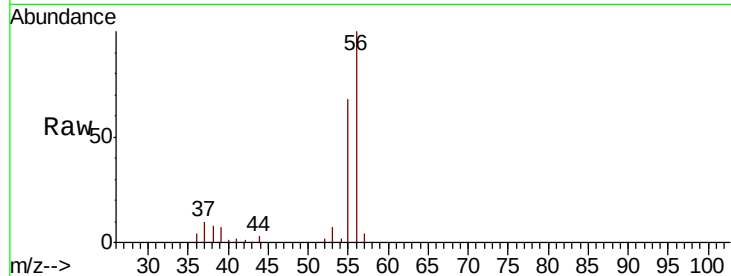
#13
Acrolein
Concen: 99.276 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	69.4	56.6	85.0	

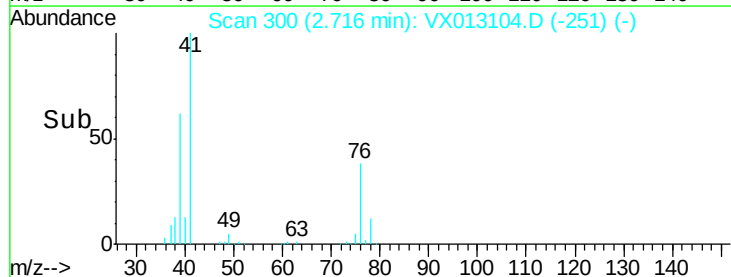
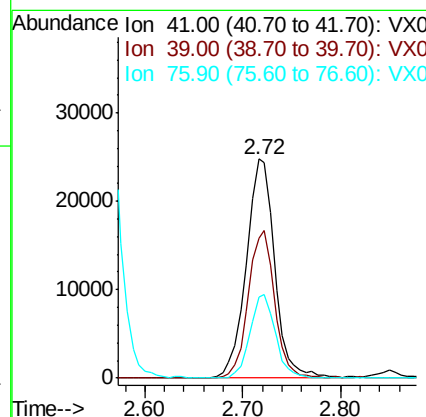
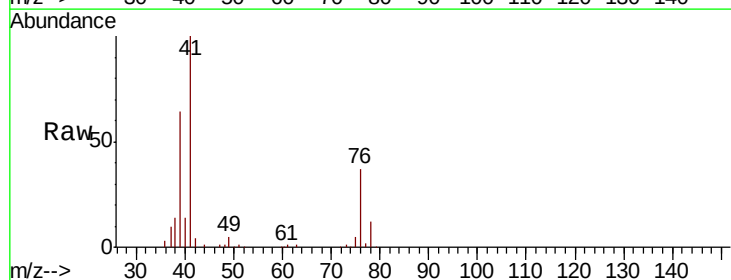
Manual Integrations
APPROVED

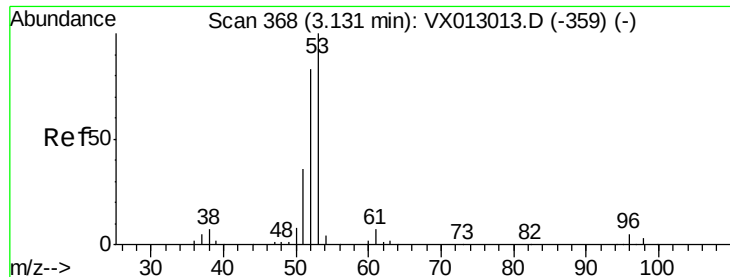
MMDadoda
10/18/2019 10:05:36 AM



#14
Allyl chloride
Concen: 17.537 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	62.2	51.0	76.6	
76	34.0	26.2	39.4	





#15

Acrylonitrile

Concen: 95.231 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Instrument :

MSVOA_X

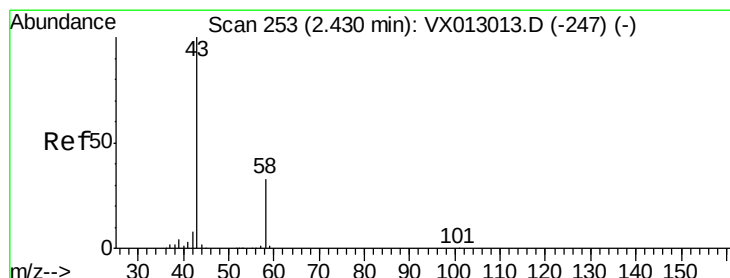
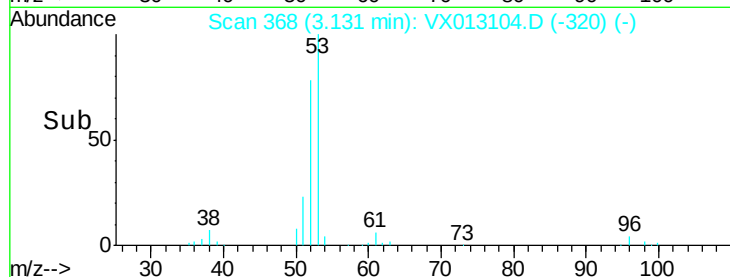
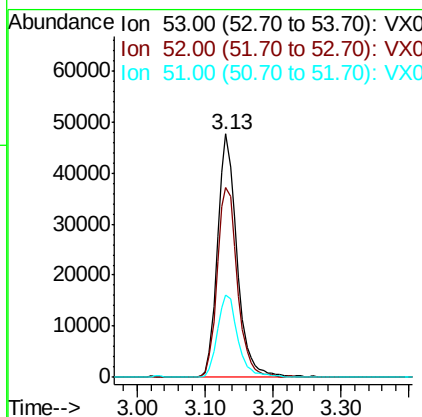
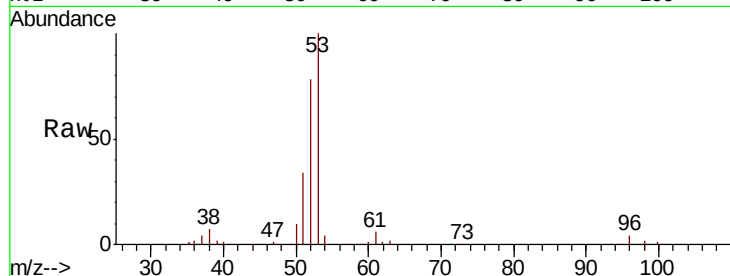
ClientSampleId :

VX1017MBS01

Tot Ion:	53	Resp:	94879
Ion	Ratio	Lower	Upper
53	100		
52	80.5	66.2	99.2
51	35.8	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 87.213 ug/l

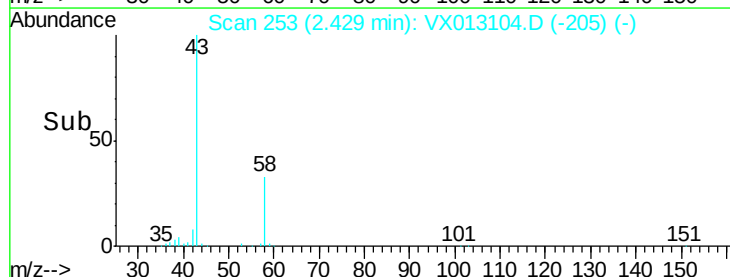
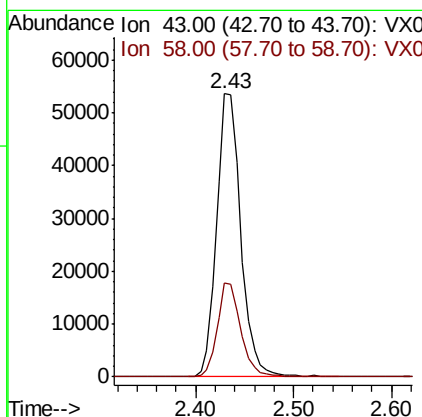
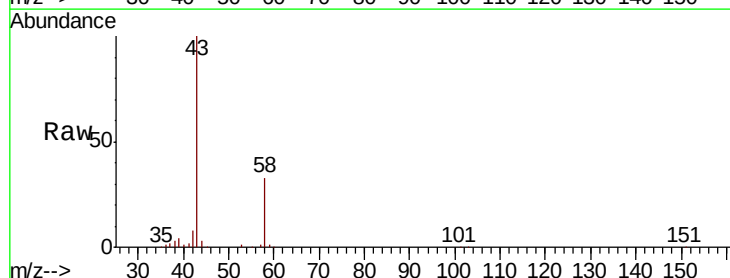
RT: 2.43 min Scan# 253

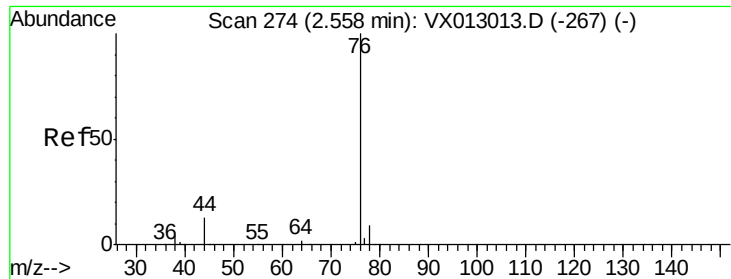
Delta R.T. -0.01 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Tgt Ion:	43	Resp:	91169
Ion	Ratio	Lower	Upper
43	100		
58	33.1	25.4	38.2





#17

Carbon Disulfide

Concen: 14.654 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tot Ion: 76 Resp: 67001

Ion Ratio Lower Upper

76 100

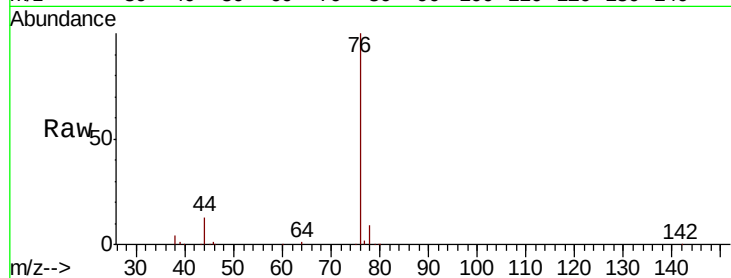
78 9.1 7.1 10.7

Manual Integrations

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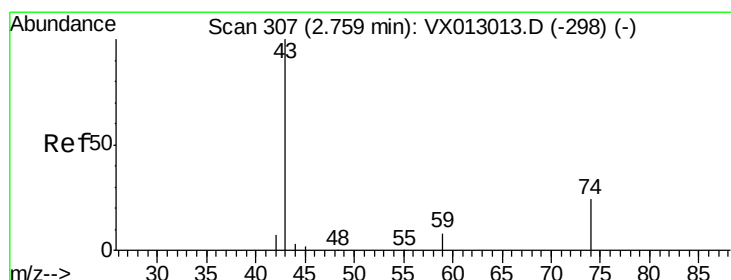
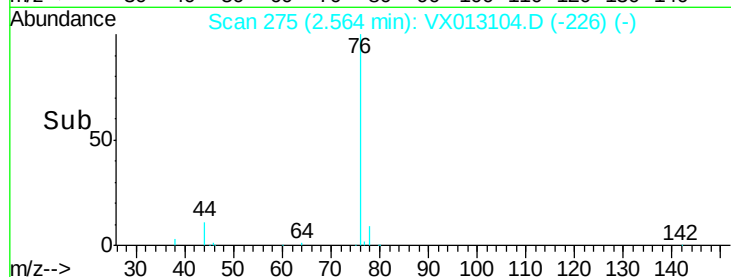
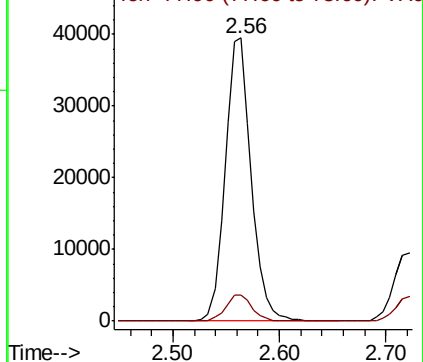
MMDadoda

10/18/2019 10:05:36 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.717 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX013104.D

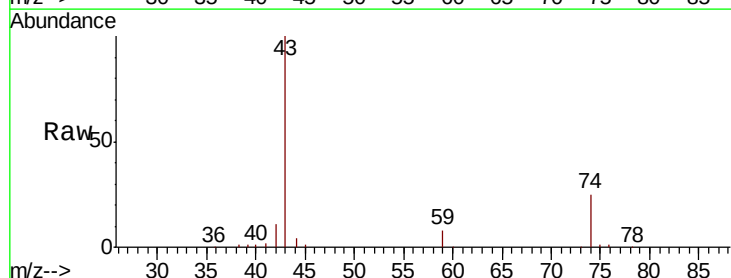
Acq: 17 Oct 2019 14:01

Tgt Ion: 43 Resp: 46376

Ion Ratio Lower Upper

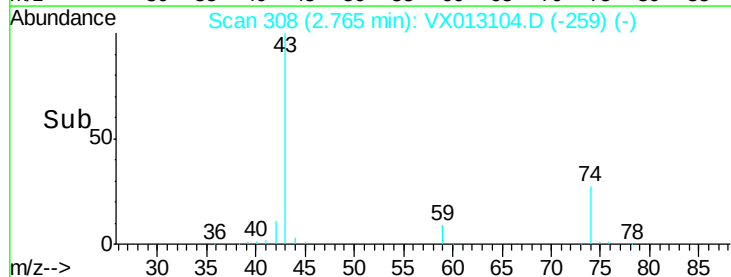
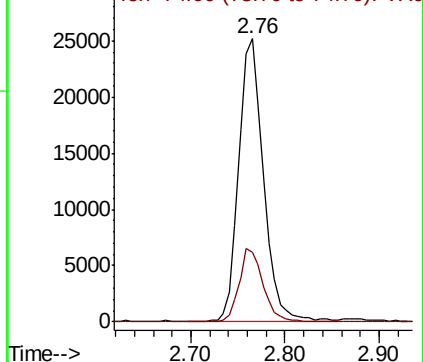
43 100

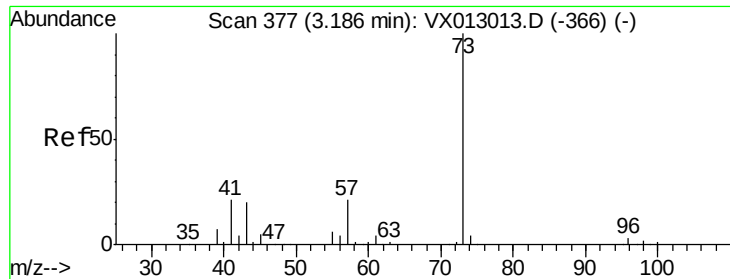
74 25.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





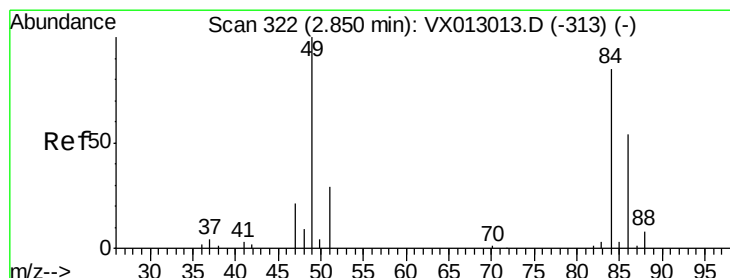
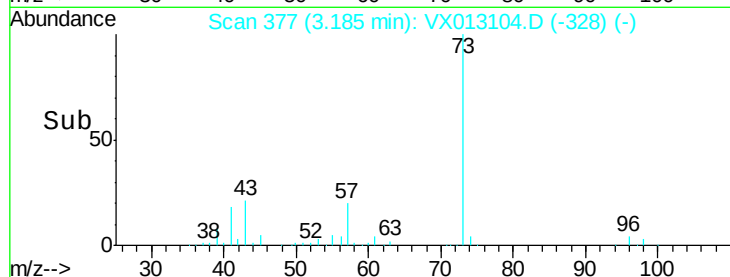
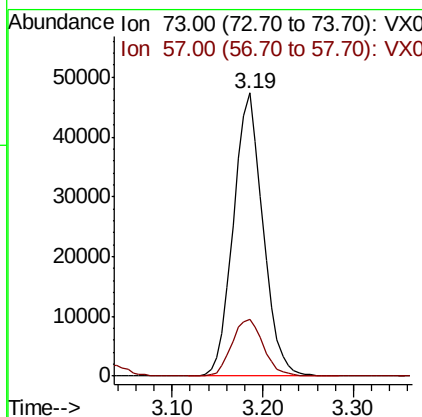
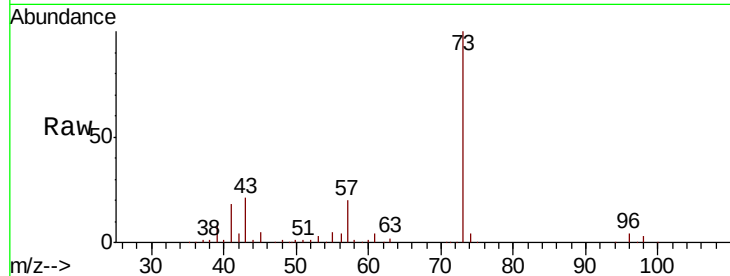
#19
Methyl tert-butyl Ether
Concen: 19.321 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.1	17.8	26.6

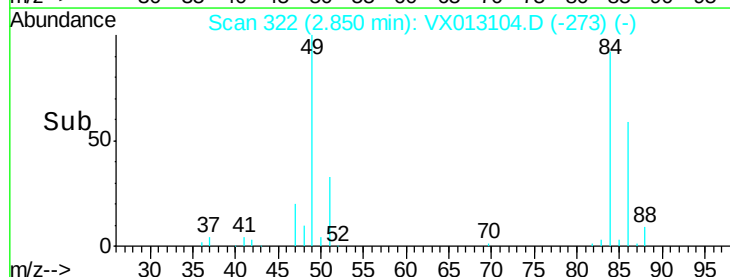
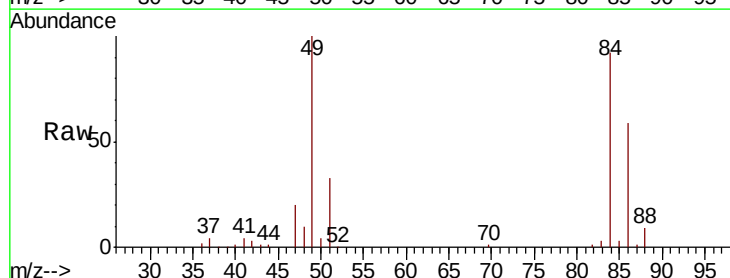
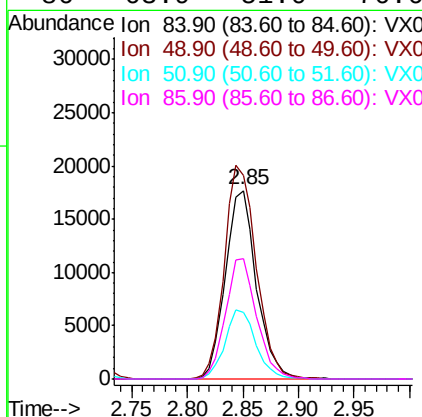
Manual Integrations
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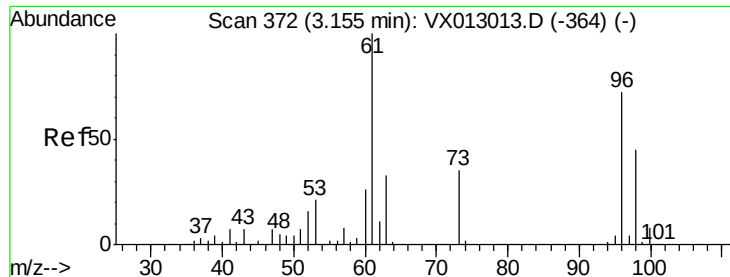
MMDadoda
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#20
Methylene Chloride
Concen: 17.812 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.4	96.6	144.8
51	35.4	30.7	46.1
86	63.9	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 18.006 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tot Ion: 96 Resp: 30945

Ion Ratio Lower Upper

96 100

61 134.8 110.4 165.6

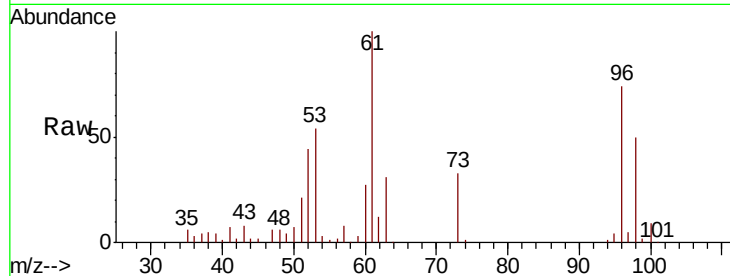
98 67.6 51.5 77.3

Manual Integrations

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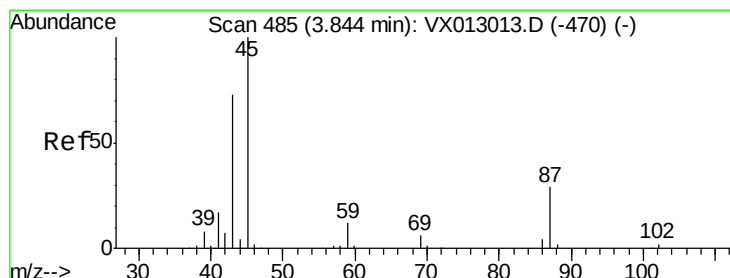
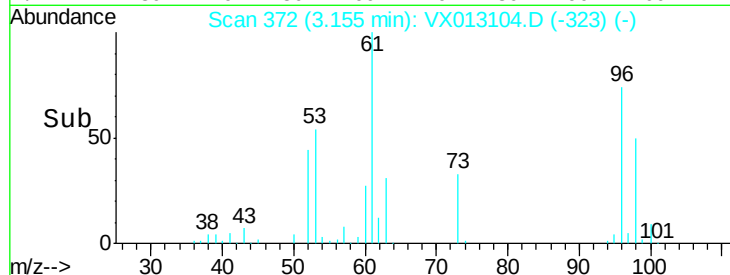
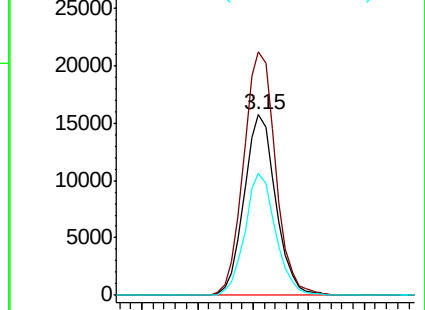
10/18/2019 10:05:36 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.730 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Tgt Ion: 45 Resp: 102489

Ion Ratio Lower Upper

45 100

43 71.4 51.4 77.0

87 27.9 22.5 33.7

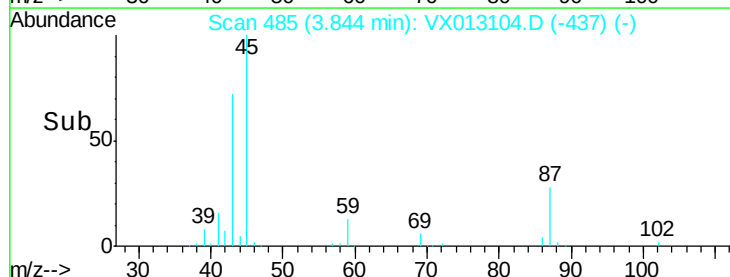
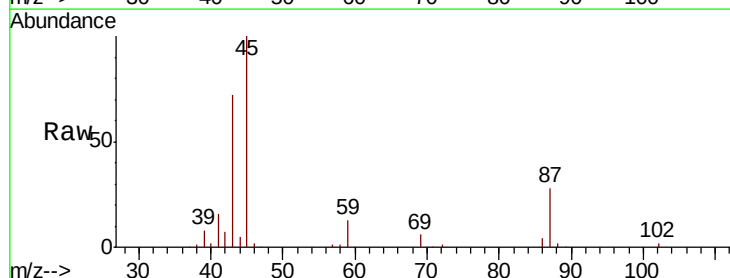
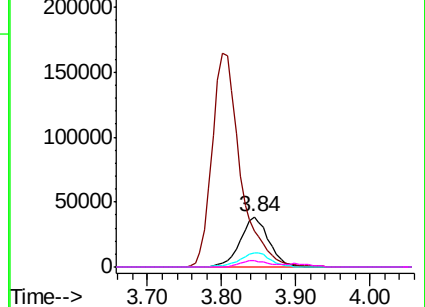
59 12.5 9.7 14.5

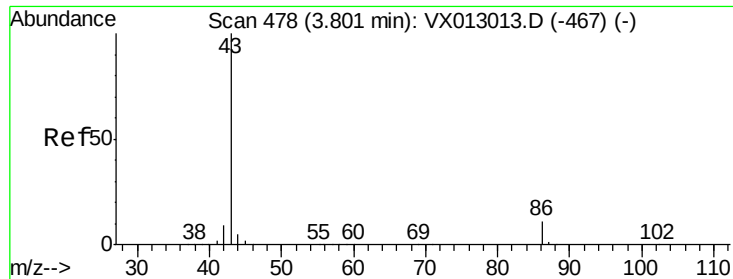
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 91.761 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tot Ion: 43 Resp: 433448

Ion Ratio Lower Upper

43 100

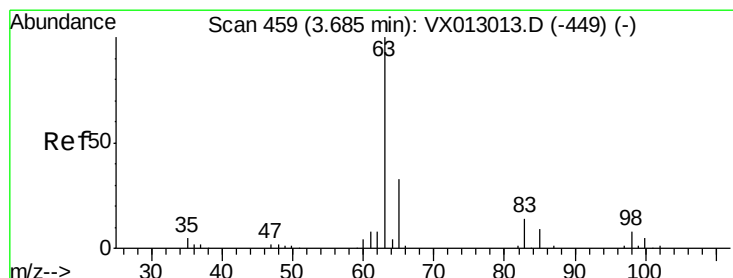
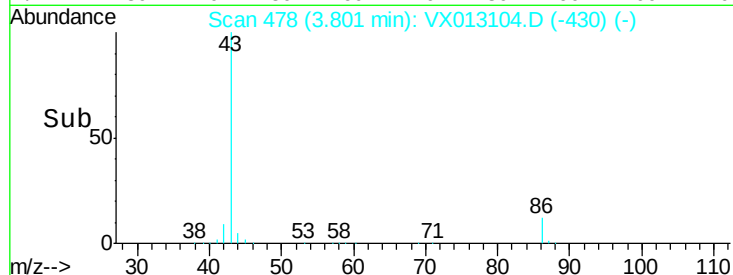
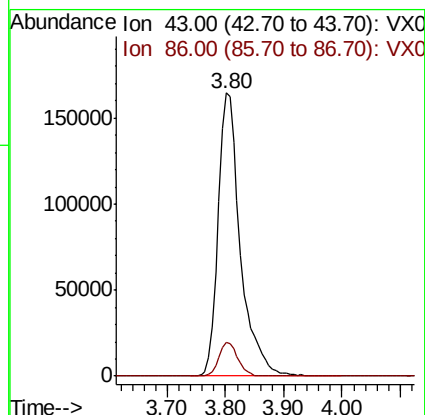
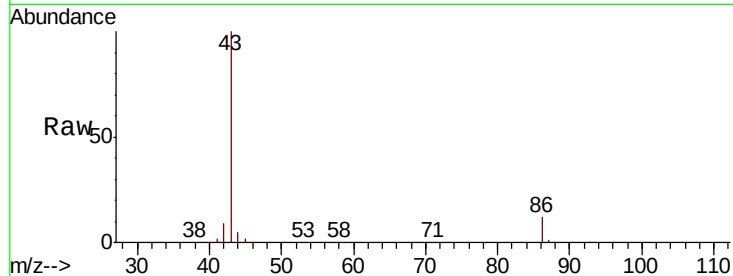
86 11.8 9.0 13.6

Manual Integrations

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MMDadoda

10/18/2019 10:05:36 AM



#24

1,1-Dichloroethane

Concen: 18.621 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

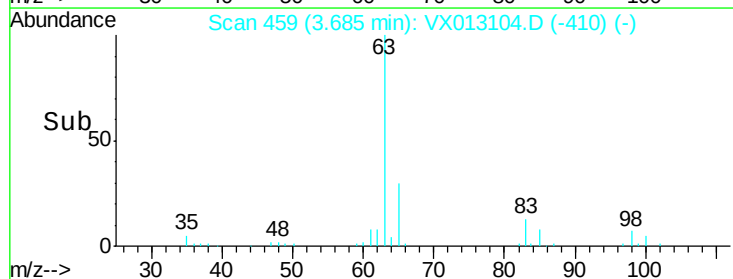
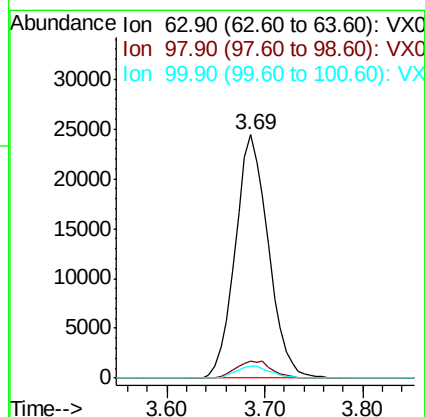
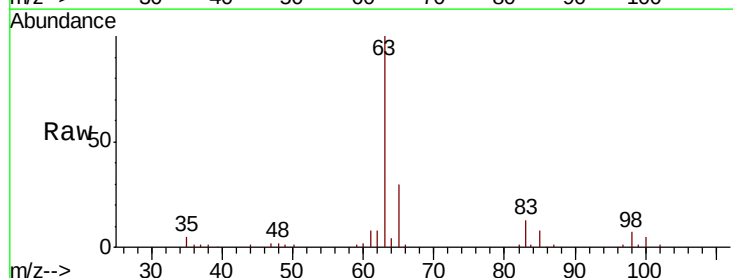
Tgt Ion: 63 Resp: 57320

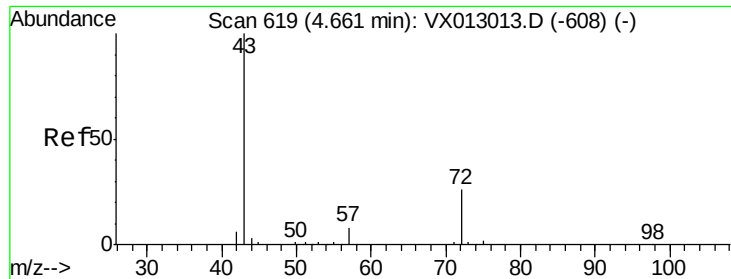
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.5

100 4.7 2.3 6.9





#25

2-Butanone

Concen: 91.016 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tot Ion: 43 Resp: 132000

Ion Ratio Lower Upper

43 100

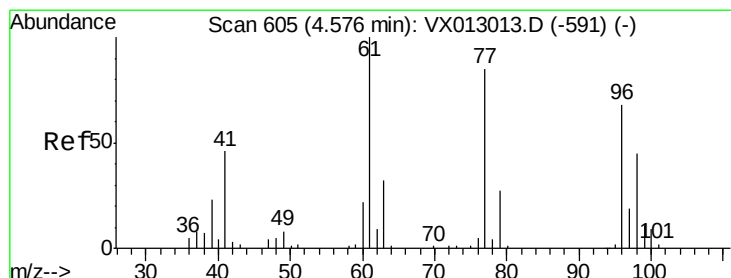
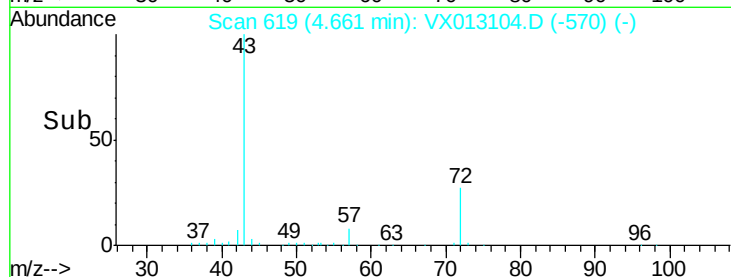
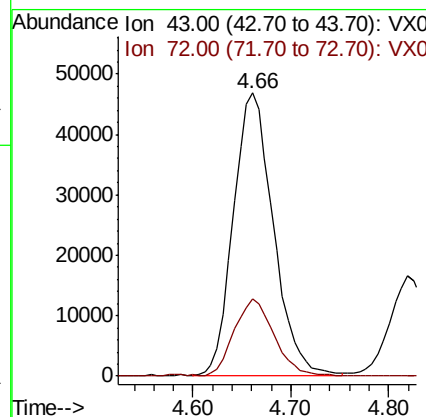
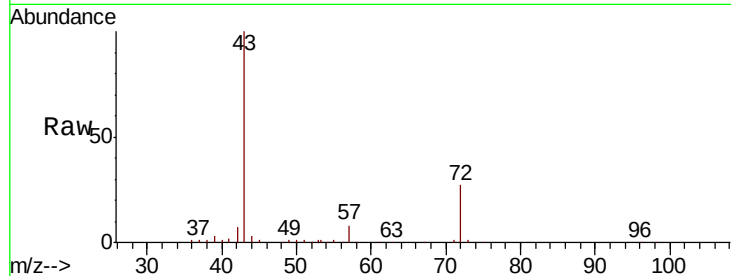
72 27.0 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 18.629 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX013104.D

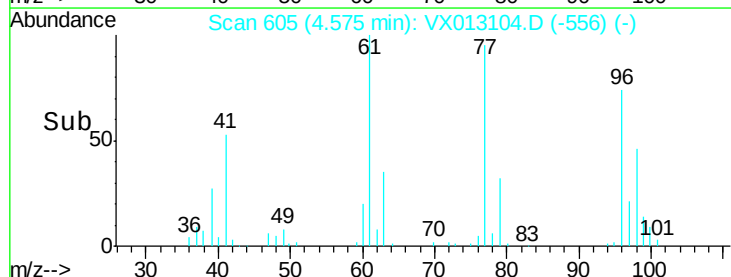
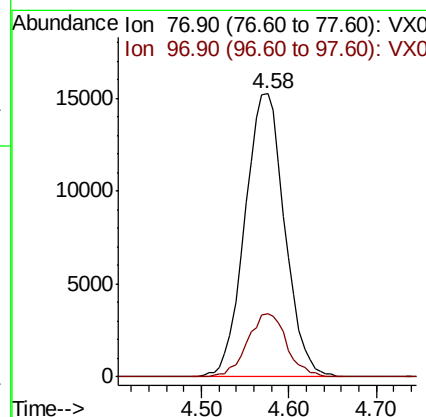
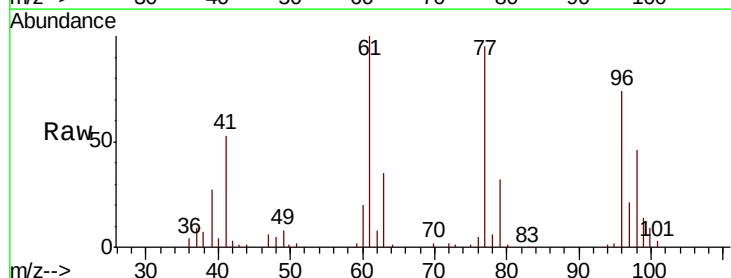
Acq: 17 Oct 2019 14:01

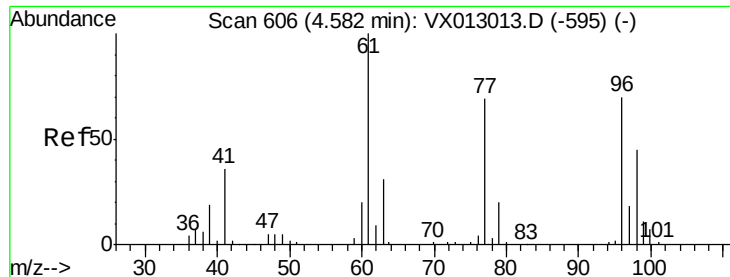
Tgt Ion: 77 Resp: 48223

Ion Ratio Lower Upper

77 100

97 22.0 11.3 33.9





#27

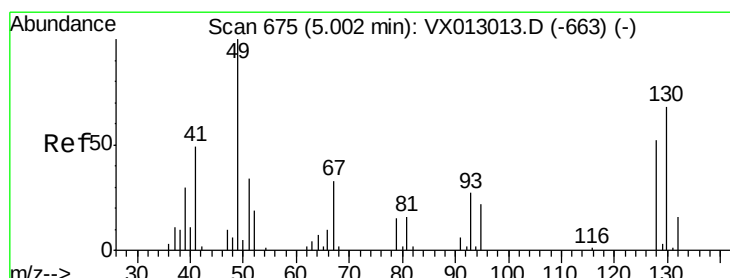
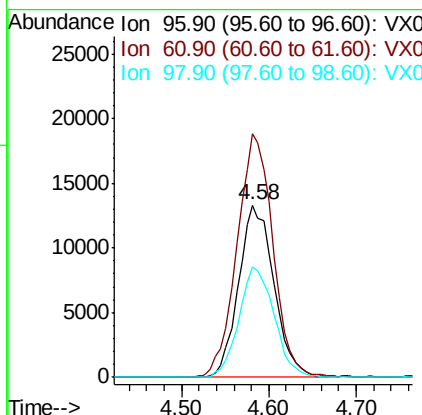
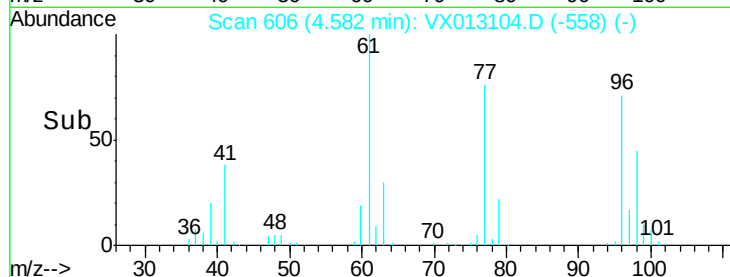
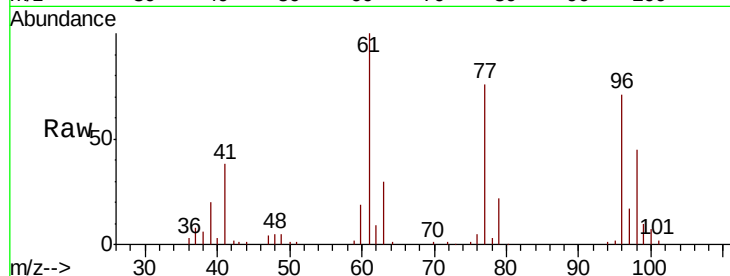
cis-1,2-Dichloroethene
Concen: 18.817 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	37278		
61	144.1	0.0	290.6	
98	63.8	0.0	128.8	

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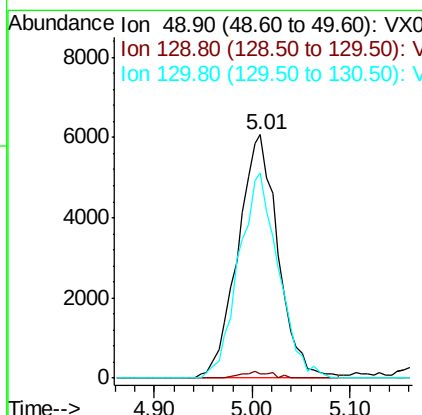
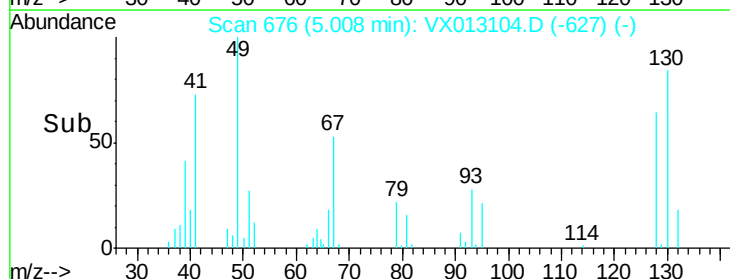
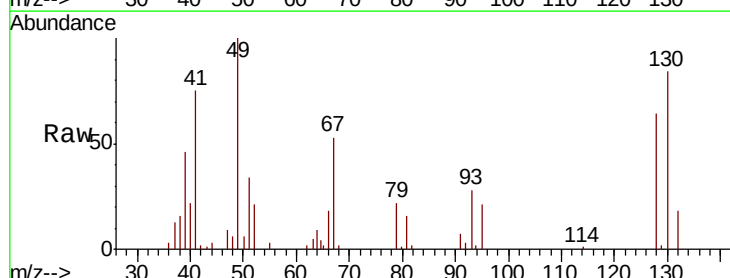
MMDadoda
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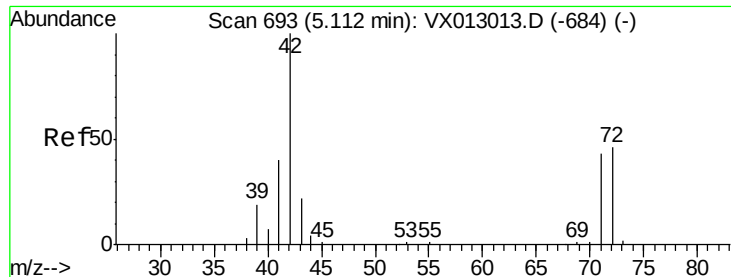


#28

Bromochloromethane
Concen: 18.481 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	17261		
129	2.0	0.0	4.2	
130	83.6	62.1	93.1	





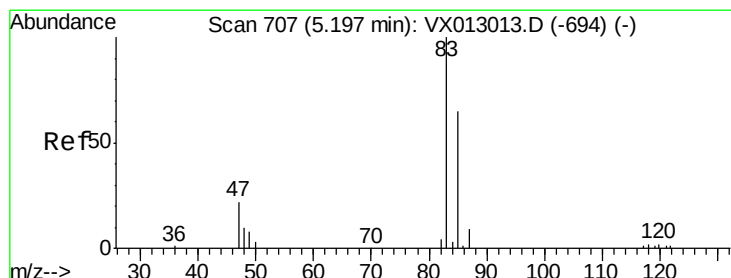
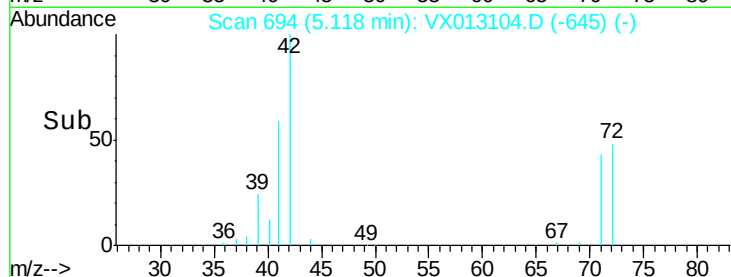
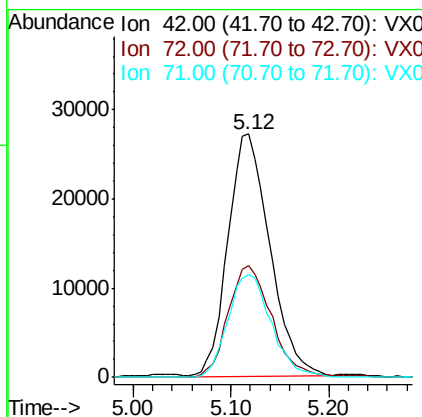
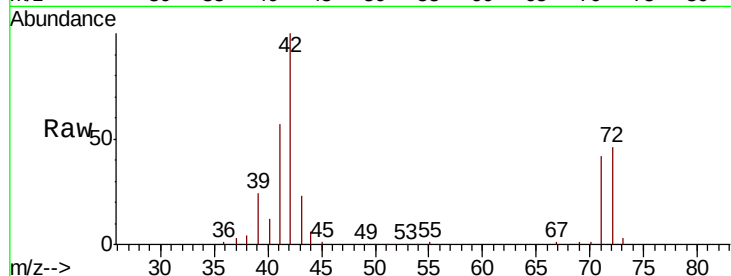
#29
Tetrahydrofuran
Concen: 90.733 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.1	36.9	55.3
71	43.7	33.5	50.3

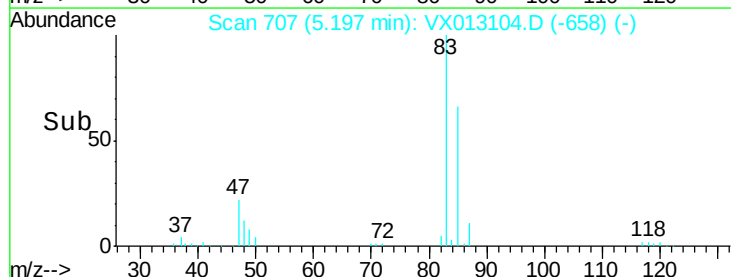
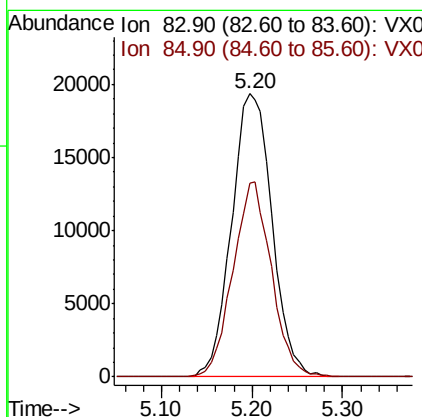
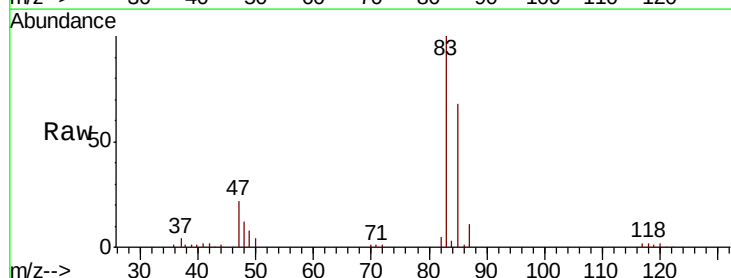
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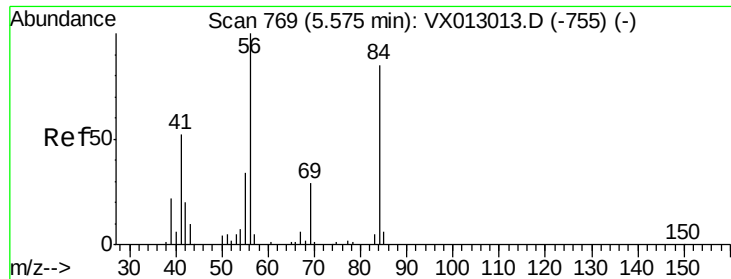
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#30
Chloroform
Concen: 18.929 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.4	51.5	77.3





#31

Cyclohexane

Concen: 17.326 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Instrument :

MSVOA_X

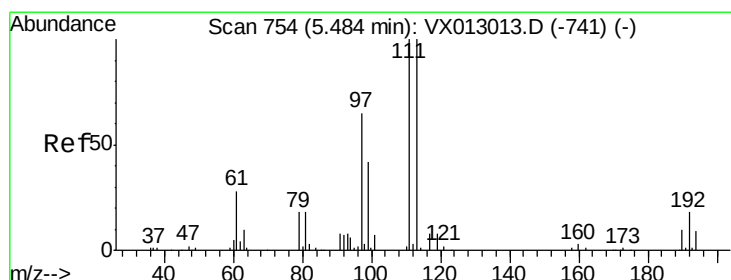
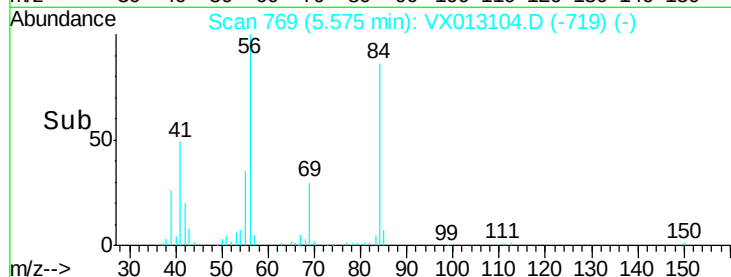
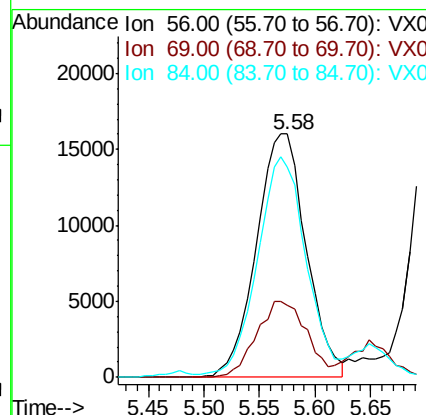
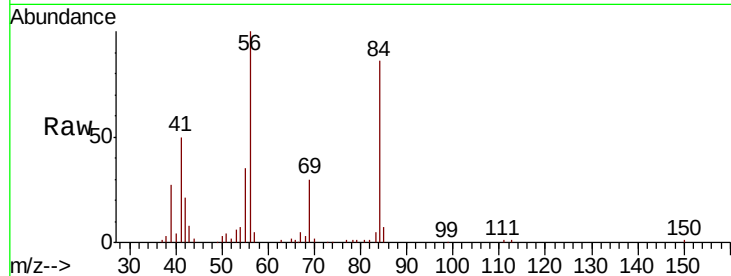
ClientSampleId :

VX1017MBS01

Tot Ion:	56	Resp:	49873
Ion	Ratio	Lower	Upper
56	100		
69	29.6	25.2	37.8
84	85.2	71.3	106.9

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#32

1,1,1-Trichloroethane

Concen: 19.352 ug/l

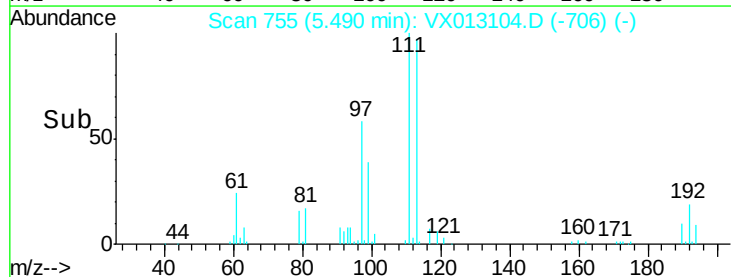
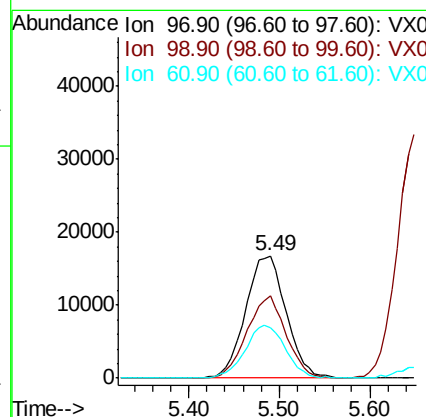
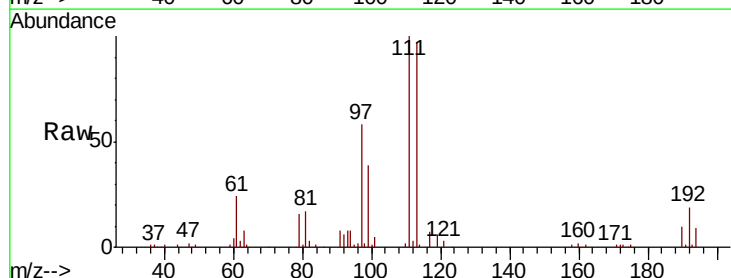
RT: 5.49 min Scan# 755

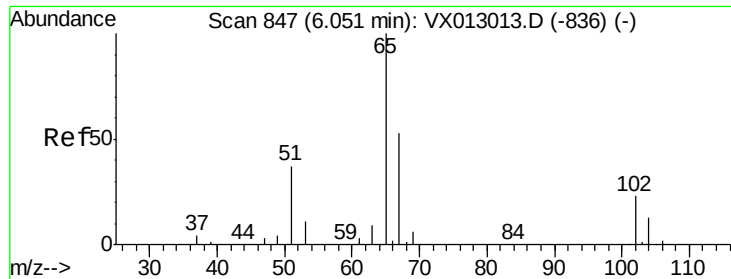
Delta R.T. -0.00 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Tgt Ion:	97	Resp:	51793
Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.3	78.5
61	42.8	35.0	52.4





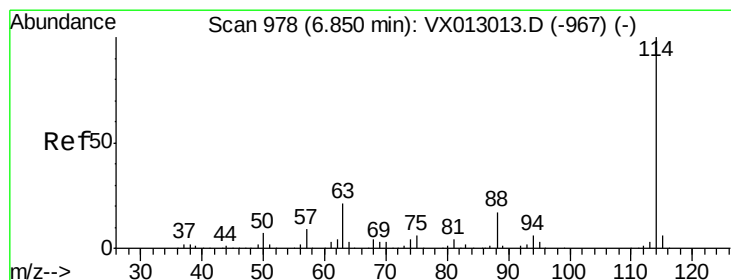
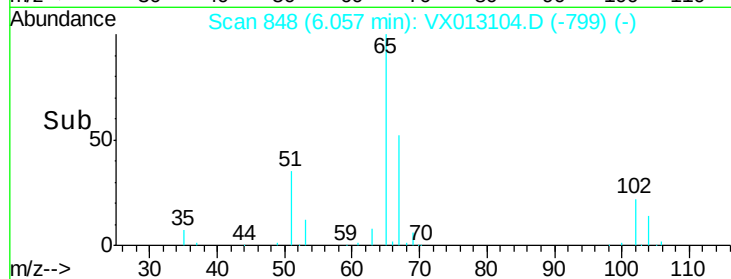
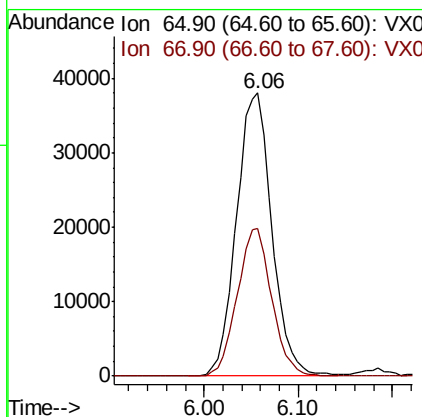
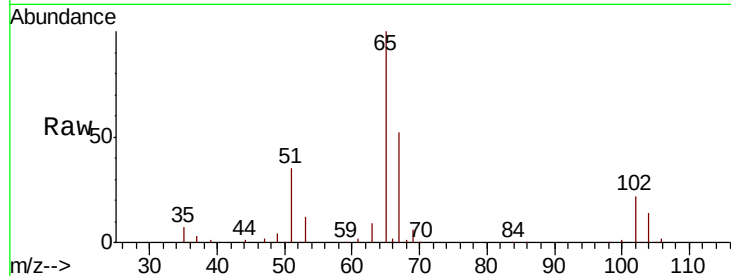
#33
 1,2-Dichloroethane-d4
 Concen: 50.277 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VX013104.D
 Acq: 17 Oct 2019 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	104.4

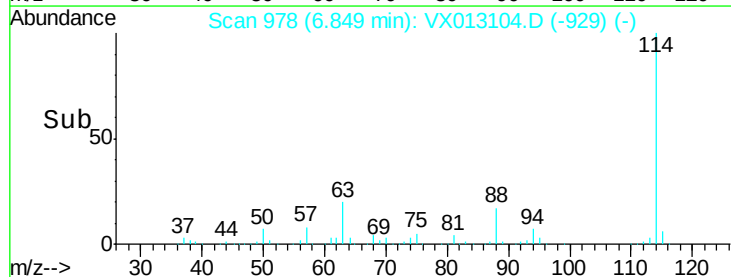
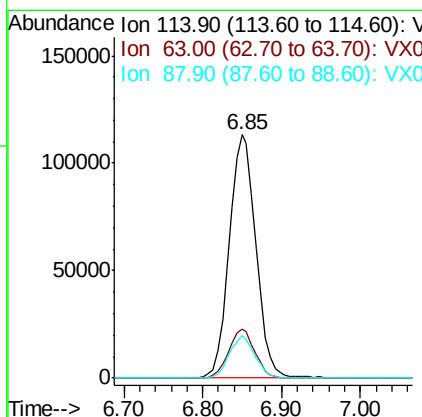
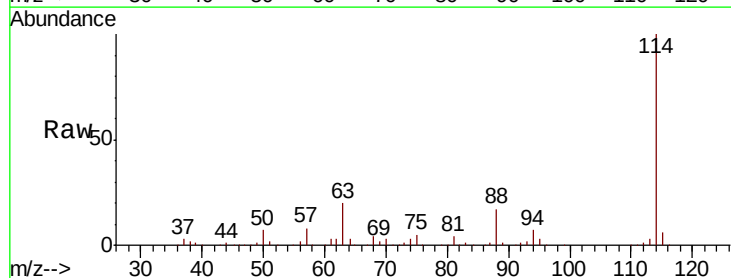
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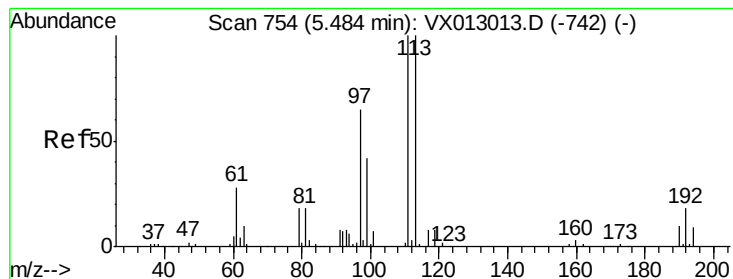
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013104.D
 Acq: 17 Oct 2019 14:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	17.3	0.0	33.8





#35

Dibromofluoromethane

Concen: 52.130 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Instrument :

MSVOA_X

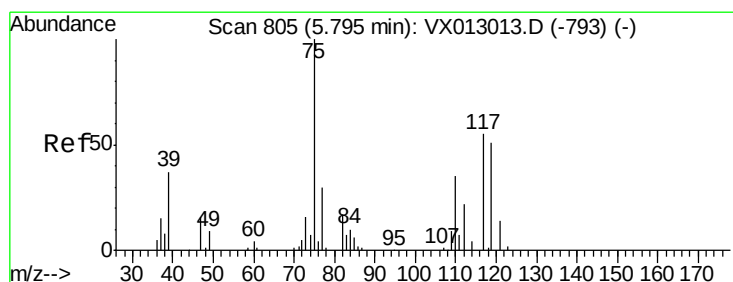
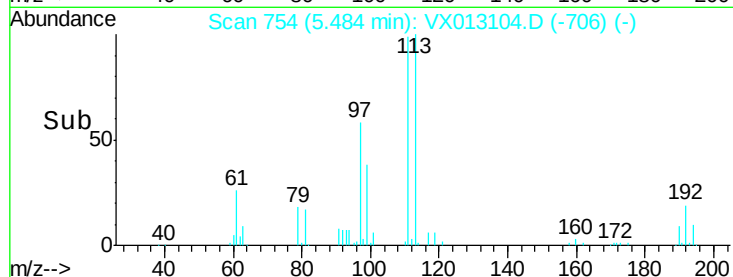
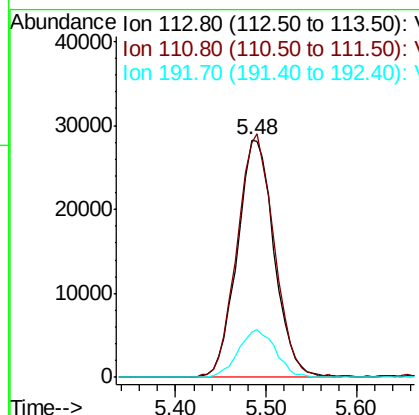
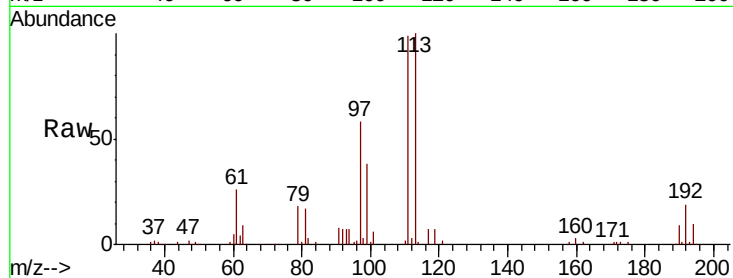
ClientSampleId :

VX1017MBS01

Tot Ion:	113	Resp:	79551
Ion Ratio	Lower	Upper	
113	100		
111	103.2	83.2	124.8
192	20.1	15.4	23.2

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#36

1,1-Dichloropropene

Concen: 18.396 ug/l

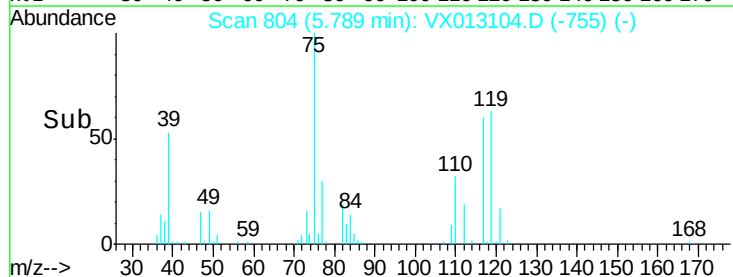
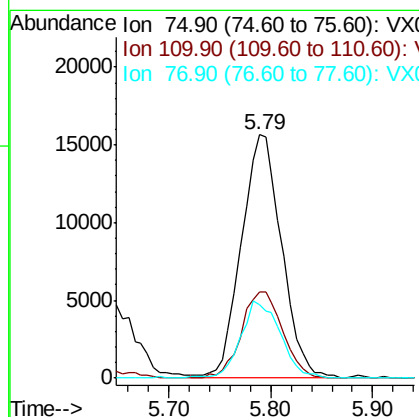
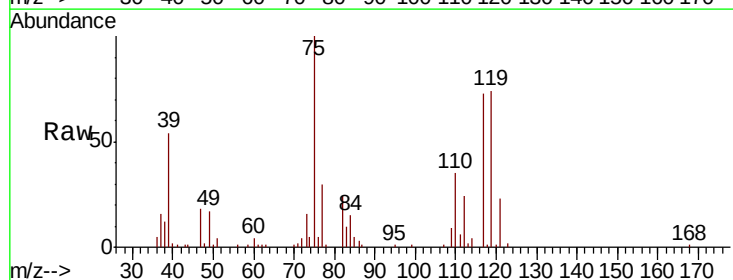
RT: 5.79 min Scan# 804

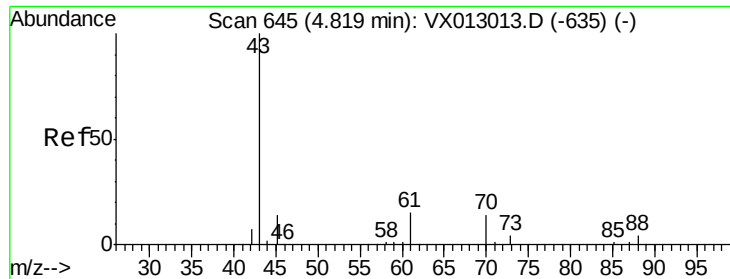
Delta R.T. -0.00 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Tgt Ion:	75	Resp:	43004
Ion Ratio	Lower	Upper	
75	100		
110	36.1	17.6	52.9
77	31.3	24.4	36.6





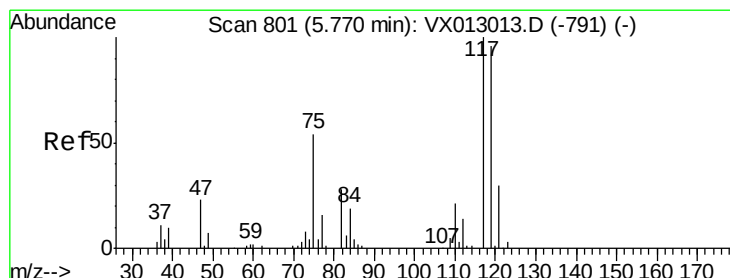
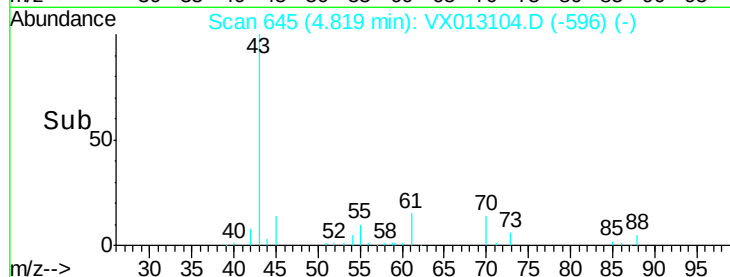
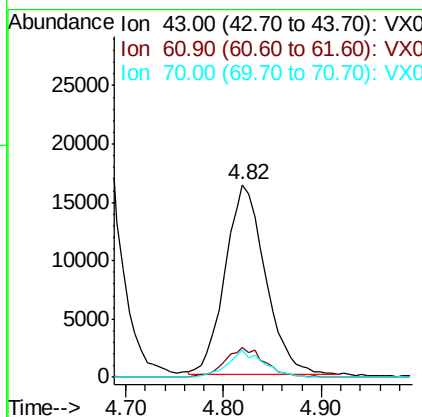
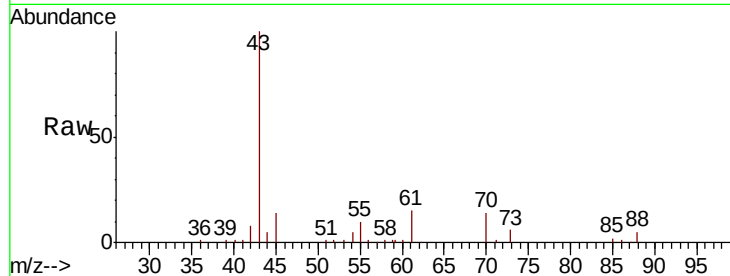
#37
Ethyl Acetate
Concen: 17.776 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.4	17.0
70	13.0	9.8	14.6

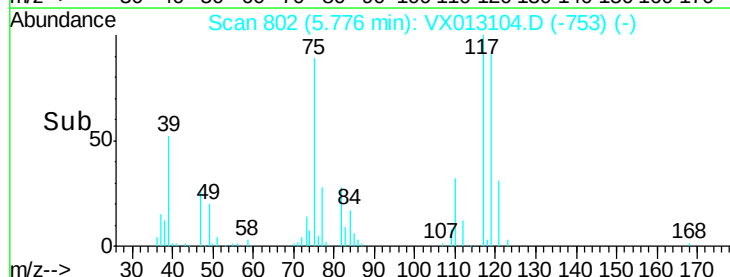
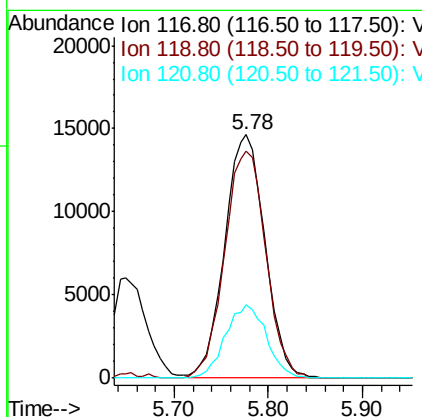
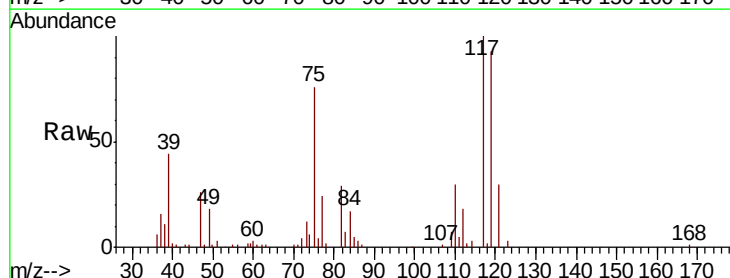
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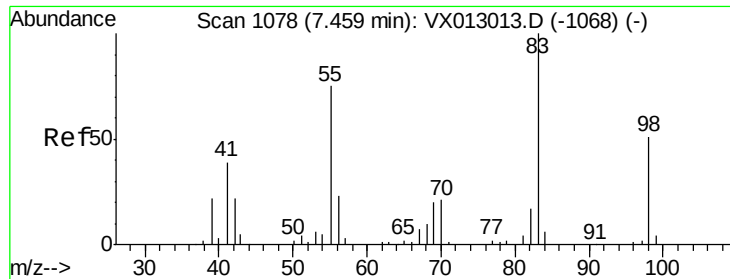
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#38
Carbon Tetrachloride
Concen: 19.157 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	74.5	111.7
121	30.3	24.2	36.4





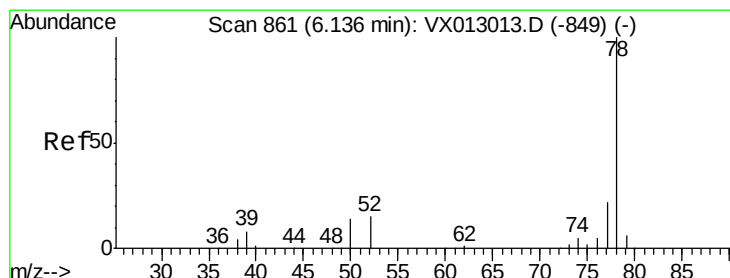
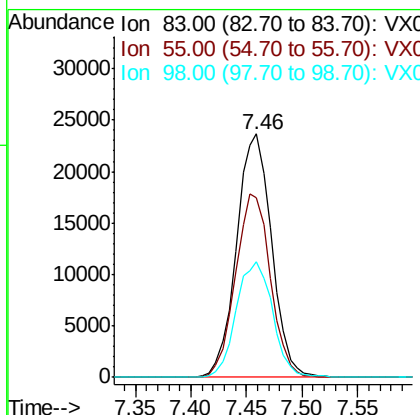
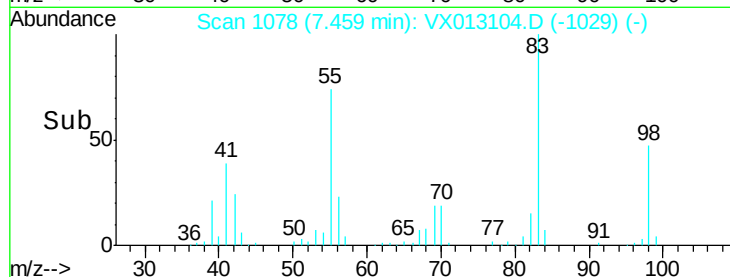
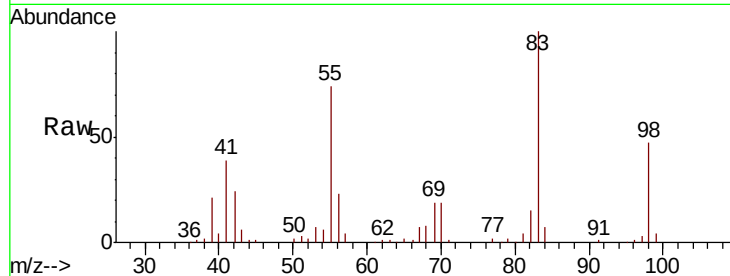
#39
Methylvlcyclohexane
Concen: 18.176 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tot Ion	83	Resp	51528
Ion Ratio	100	Lower	Upper
83	100		
55	73.8	60.2	90.4
98	47.4	38.5	57.7

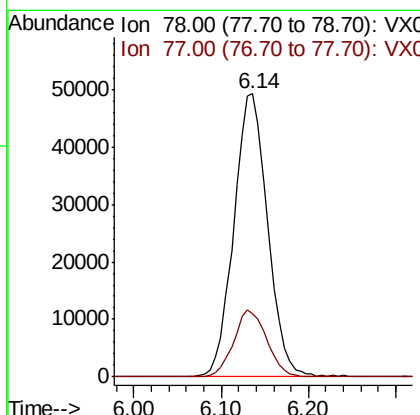
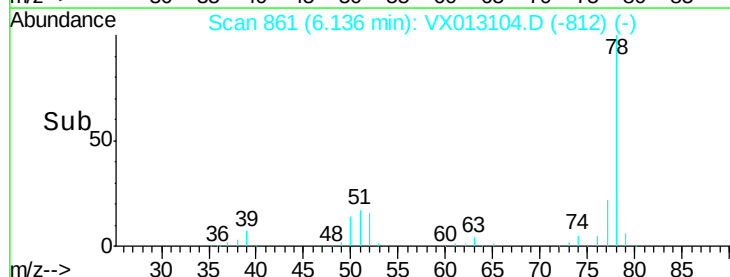
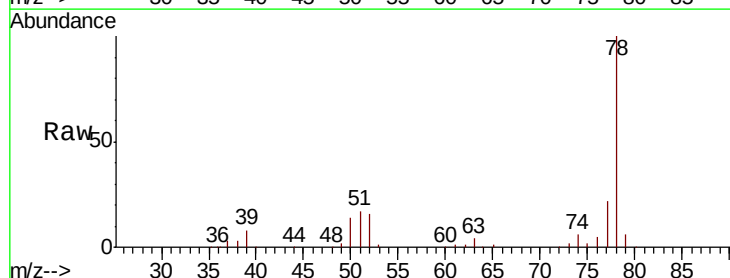
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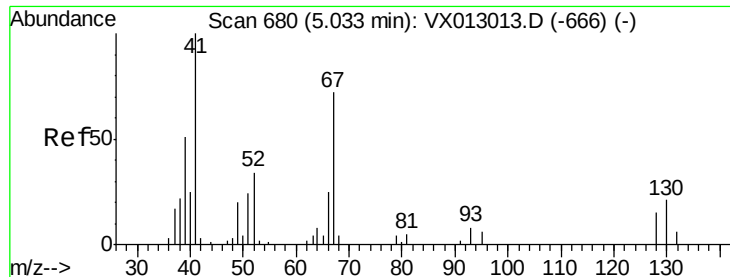
MMDadoda
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#40
Benzene
Concen: 19.085 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Tgt Ion	78	Resp	131771
Ion Ratio	100	Lower	Upper
78	100		
77	22.5	19.0	28.4





#41

Methacrylonitrile

Concen: 18.998 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tot Ion: 41 Resp: 27288

Ion Ratio Lower Upper

41 100

39 53.4 44.0 66.0

67 73.2 58.5 87.7

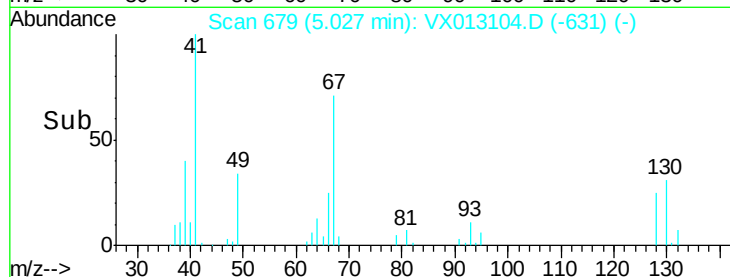
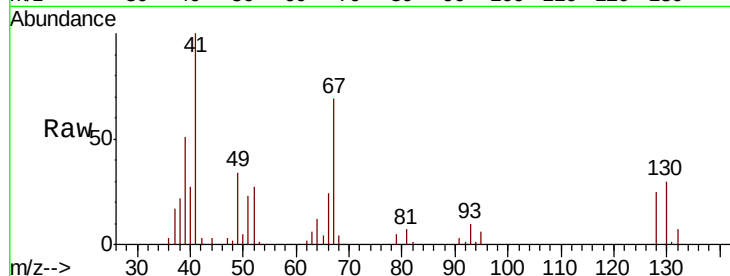
52 30.4 23.8 35.8

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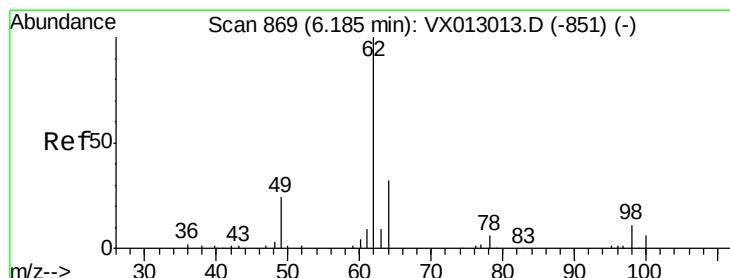
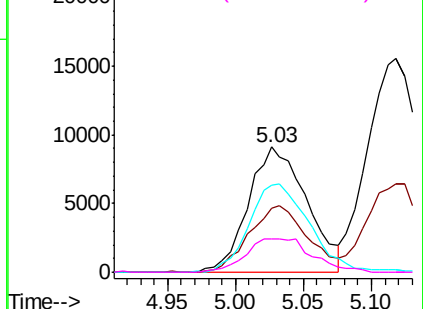


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.647 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX013104.D

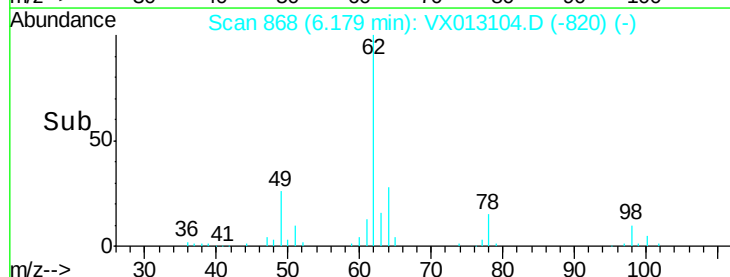
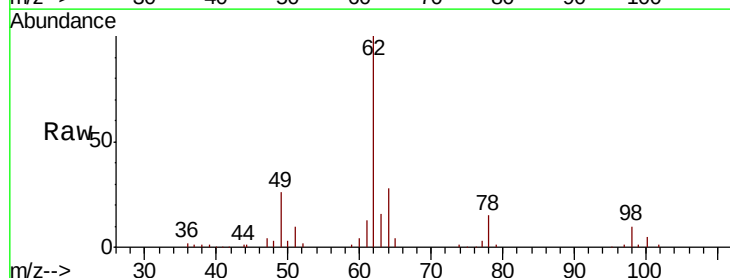
Acq: 17 Oct 2019 14:01

Tgt Ion: 62 Resp: 48675

Ion Ratio Lower Upper

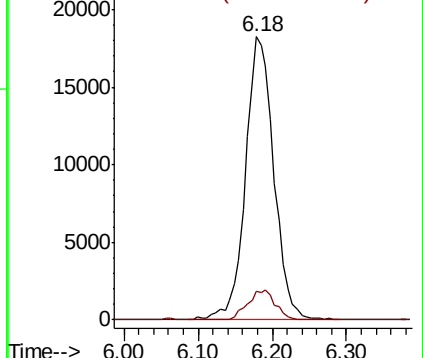
62 100

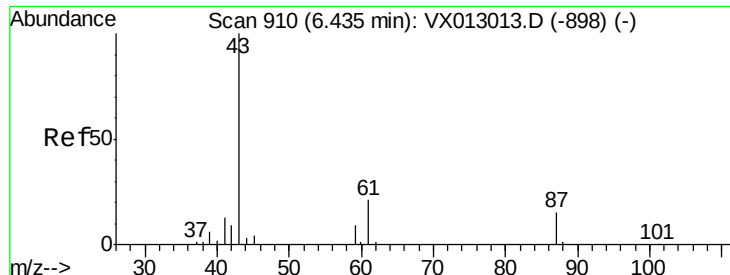
98 10.2 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

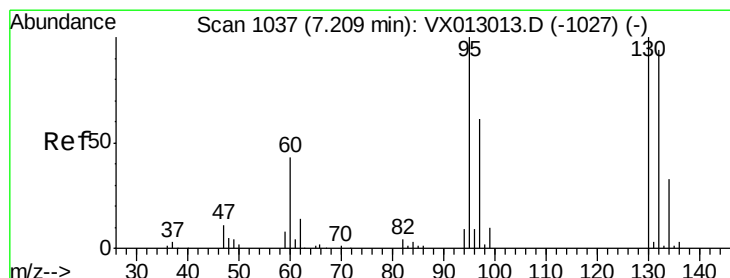
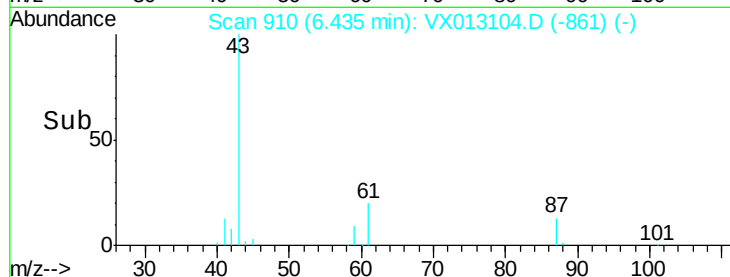
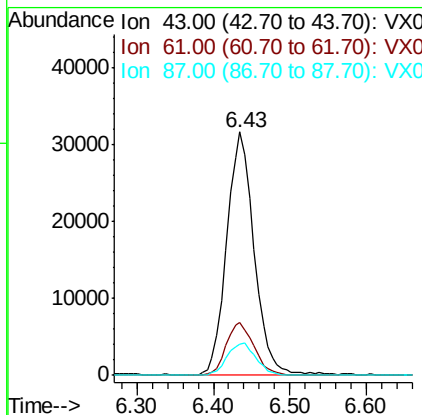
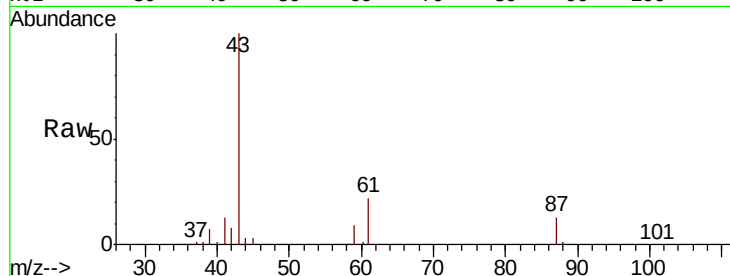
Isopropyl Acetate
 Concen: 18.791 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013104.D
 Acq: 17 Oct 2019 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.8	16.6	24.8
87	13.9	11.0	16.6

Manual Integrations
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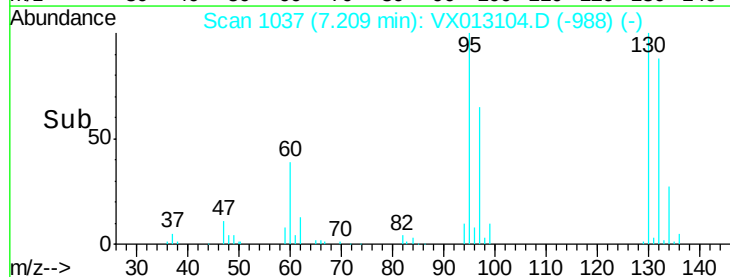
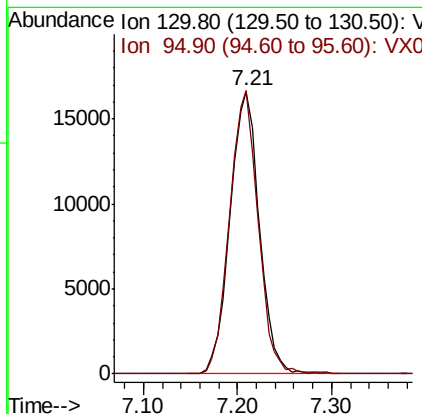
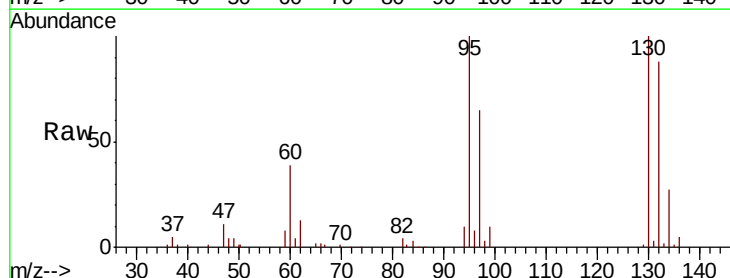
MMDadoda
 10/18/2019 10:05:36 AM

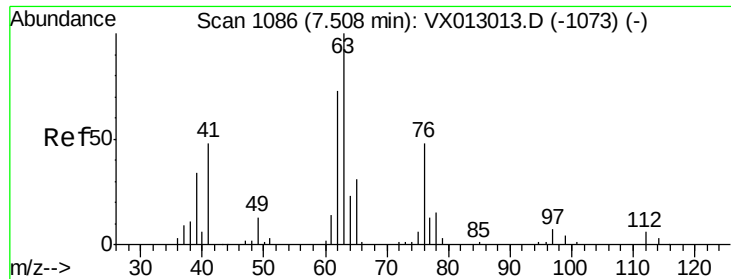


#44

Trichloroethene
 Concen: 18.807 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX013104.D
 Acq: 17 Oct 2019 14:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	189.2





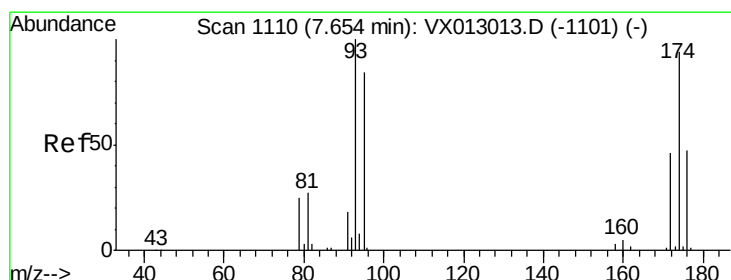
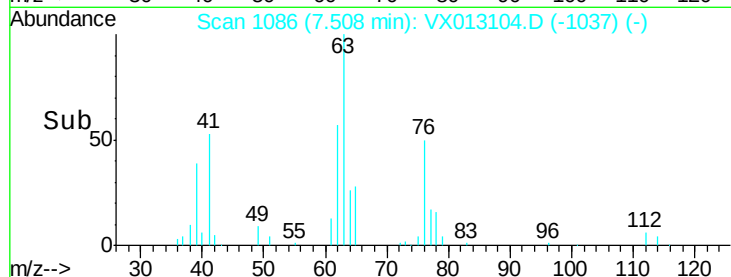
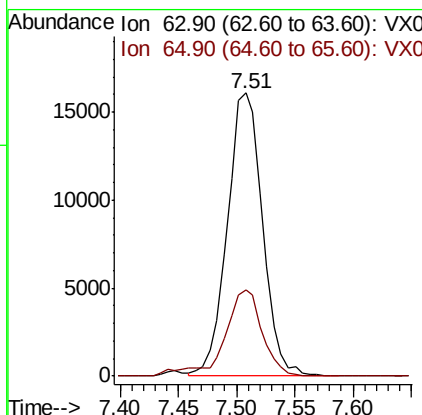
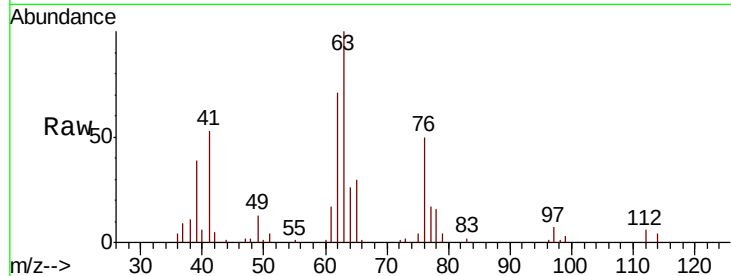
#45
 1,2-Dichloropropane
 Concen: 19.208 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013104.D
 Acq: 17 Oct 2019 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBS01

Tot Ion: 63 Resp: 33800
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.6 37.0

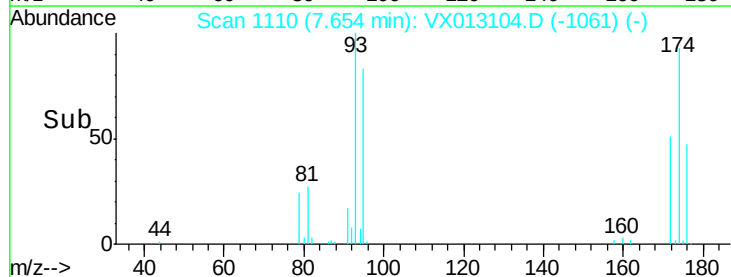
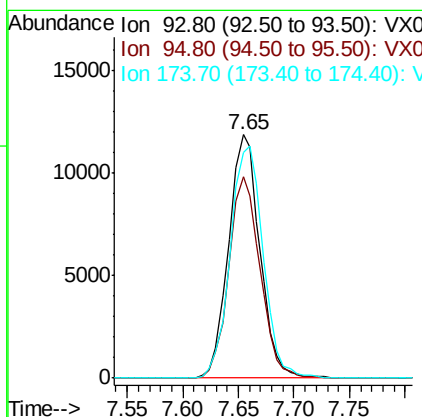
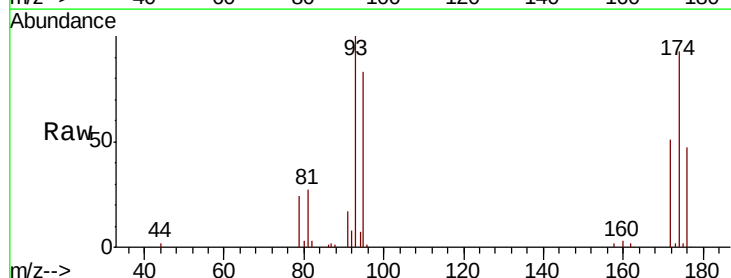
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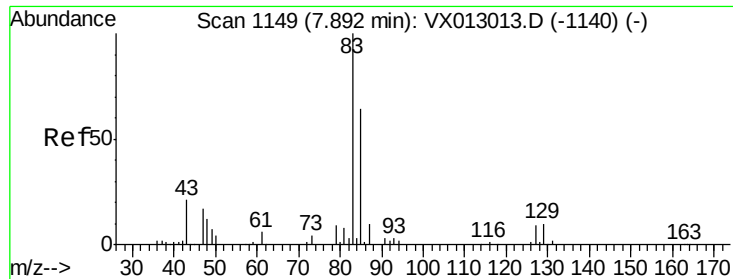
MMDadoda
 10/18/2019 10:05:36 AM



#46
 Dibromomethane
 Concen: 19.698 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013104.D
 Acq: 17 Oct 2019 14:01

Tgt Ion: 93 Resp: 23094
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.3 99.5
 174 100.3 77.8 116.6





#47

Bromodichloromethane

Concen: 19.204 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Instrument :

MSVOA_X

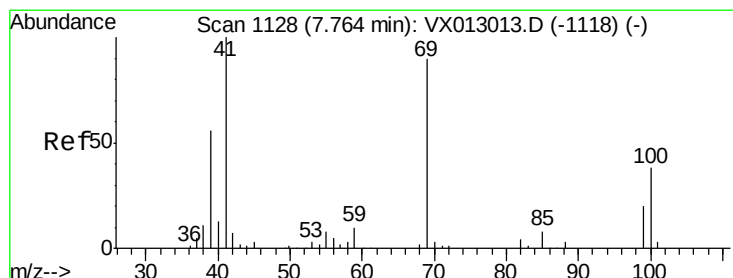
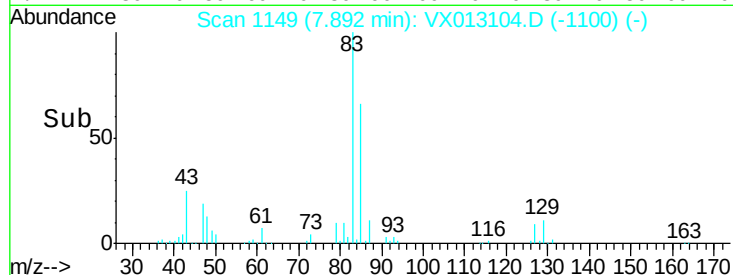
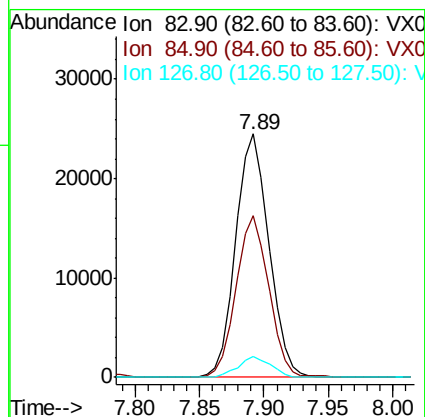
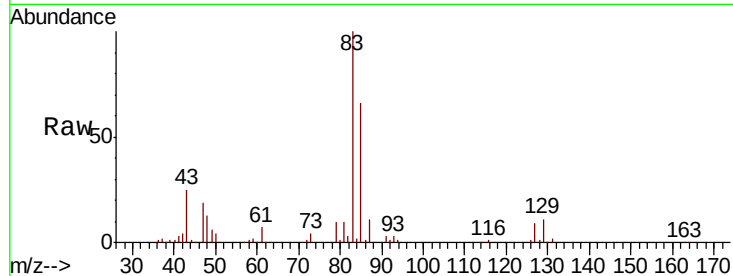
ClientSampleId :

VX1017MBS01

Tot Ion:	83	Resp:	43938
Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.4	78.6
127	8.5	6.6	10.0

Manual Integrations
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MMDadoda
10/18/2019 10:05:36 AM



#48

Methyl methacrylate

Concen: 18.368 ug/l

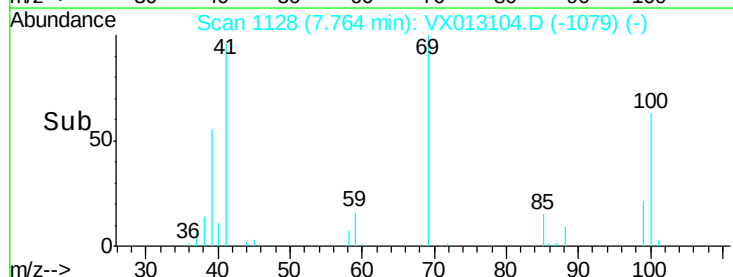
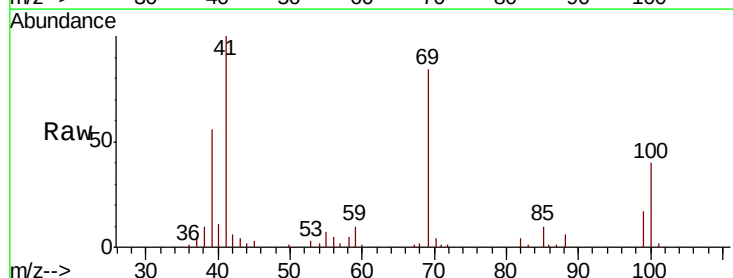
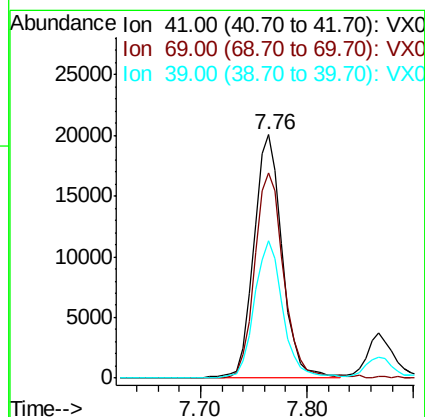
RT: 7.76 min Scan# 1128

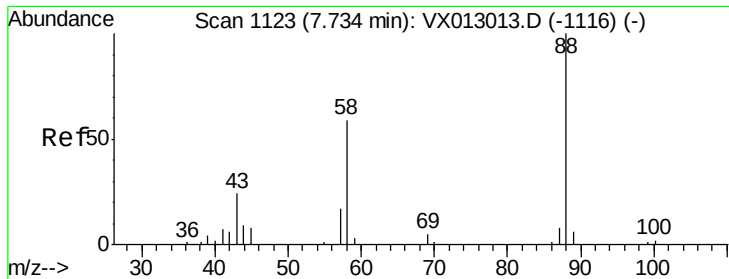
Delta R.T. -0.00 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Tgt Ion:	41	Resp:	37553
Ion	Ratio	Lower	Upper
41	100		
69	86.2	68.7	103.1
39	56.5	44.3	66.5





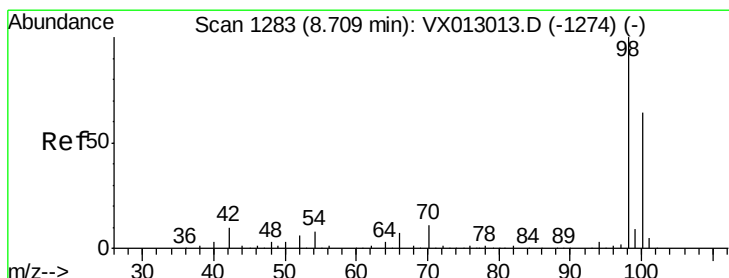
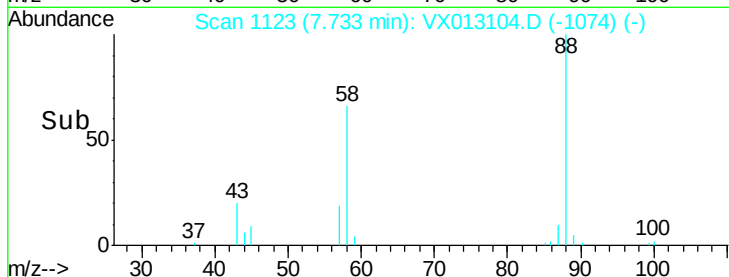
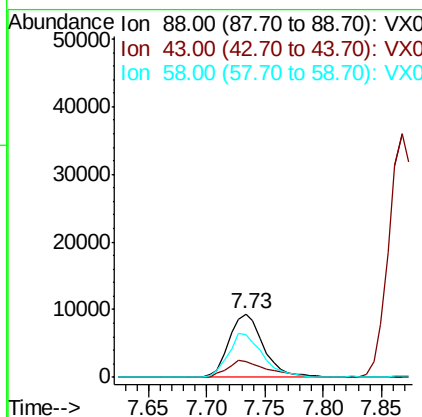
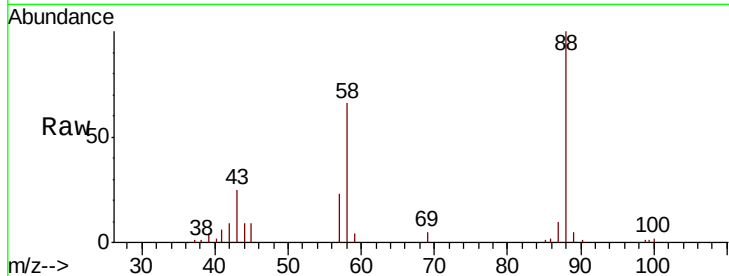
#49
1,4-Dioxane
Concen: 373.389 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.5	25.0	37.6
58	69.4	55.4	83.2

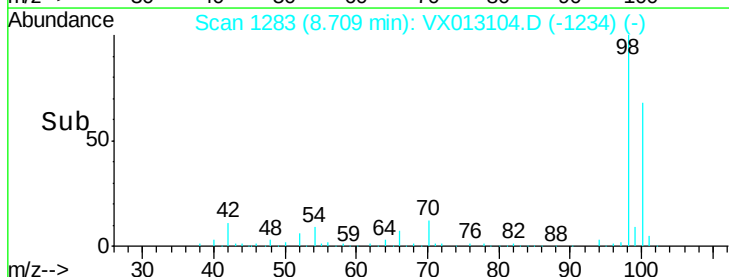
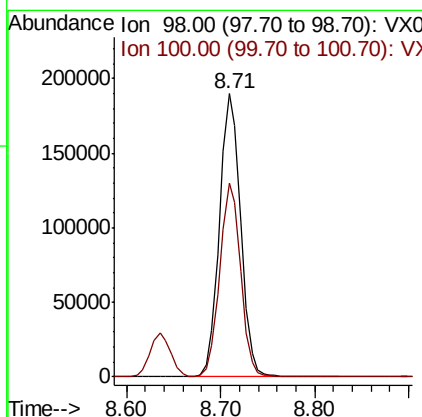
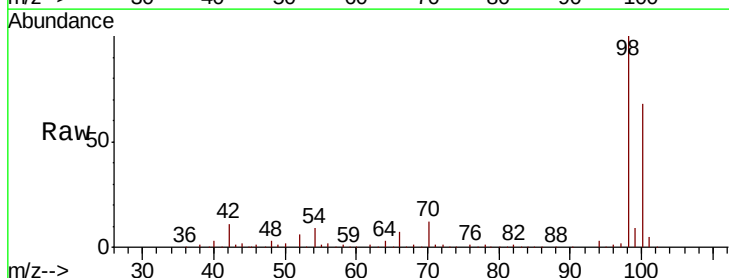
Manual Integrations
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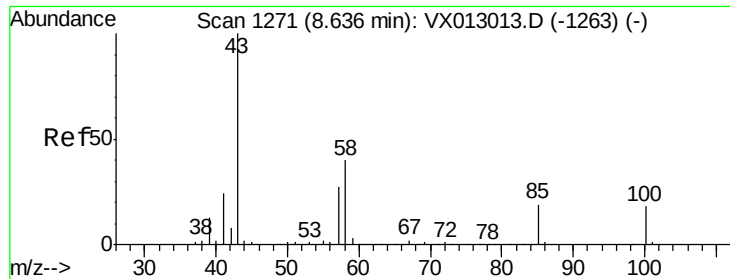
MMDadoda
10/18/2019 10:05:36 AM



#50
Toluene-d8
Concen: 49.728 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 94.394 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tot Ion: 43 Resp: 246913

Ion Ratio Lower Upper

43 100

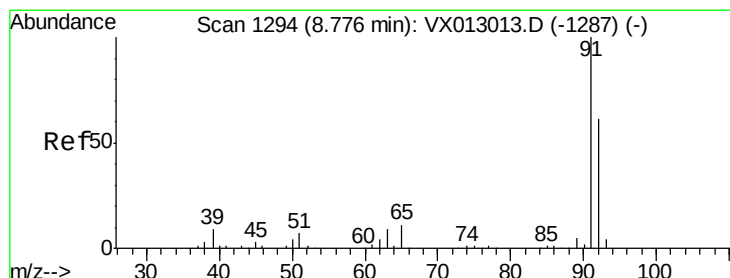
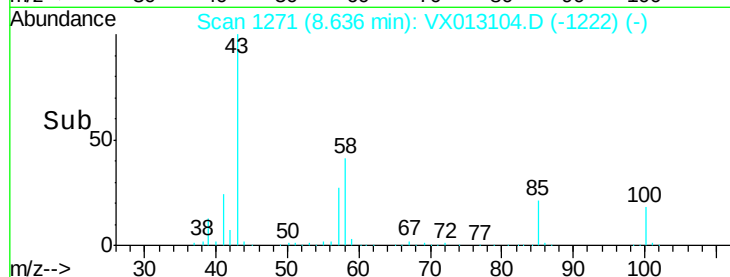
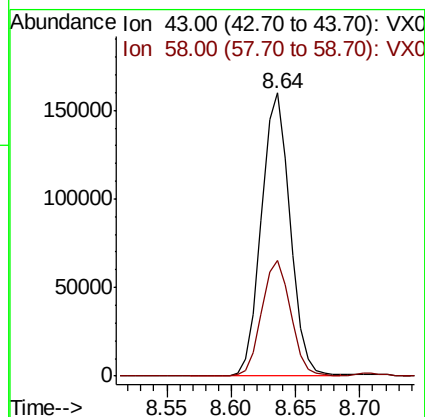
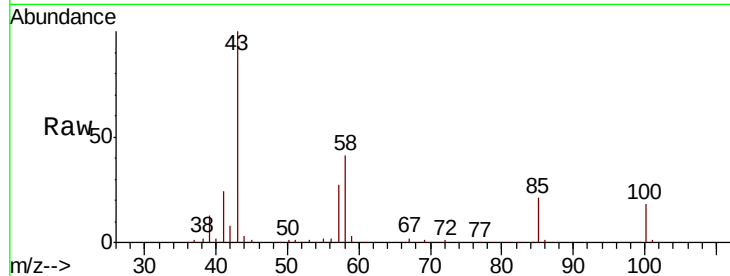
58 41.2 32.4 48.6

Manual Integrations

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#52

Toluene

Concen: 19.149 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013104.D

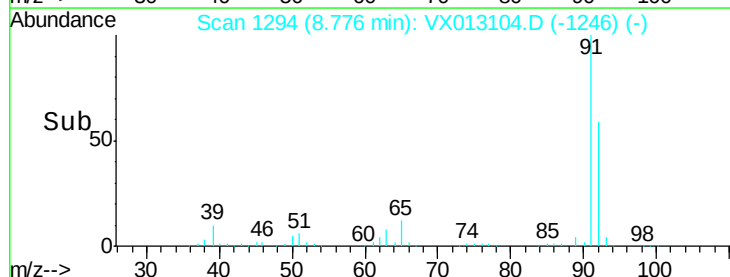
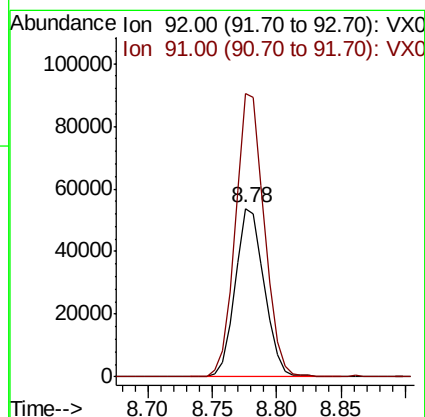
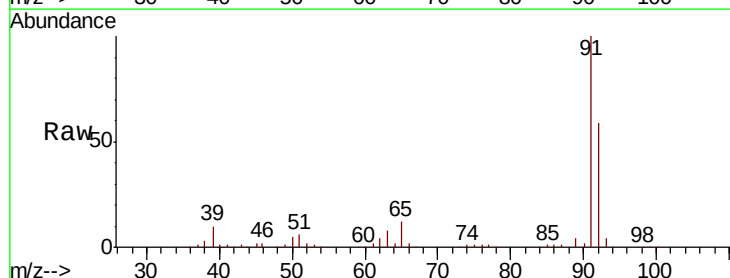
Acq: 17 Oct 2019 14:01

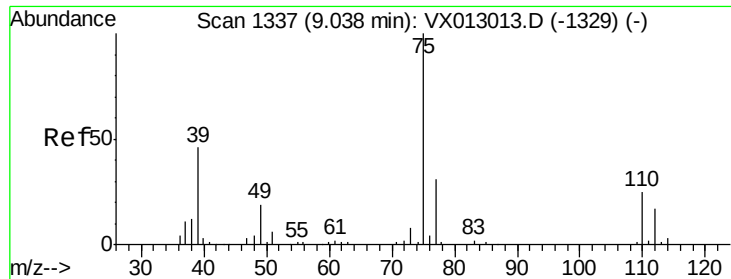
Tgt Ion: 92 Resp: 84584

Ion Ratio Lower Upper

92 100

91 167.0 135.9 203.9





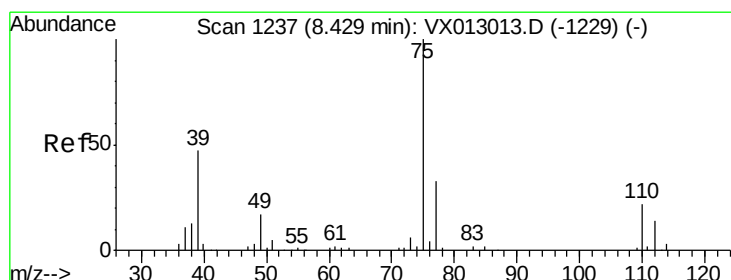
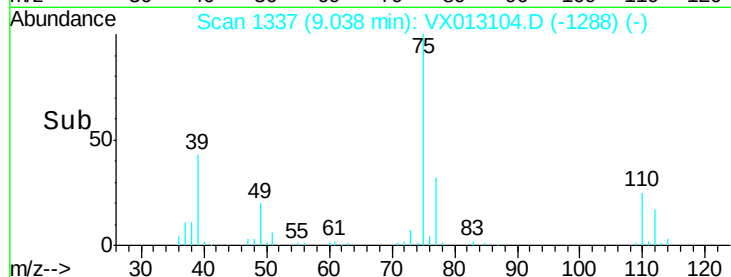
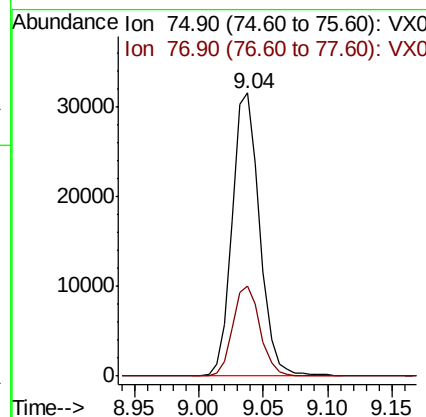
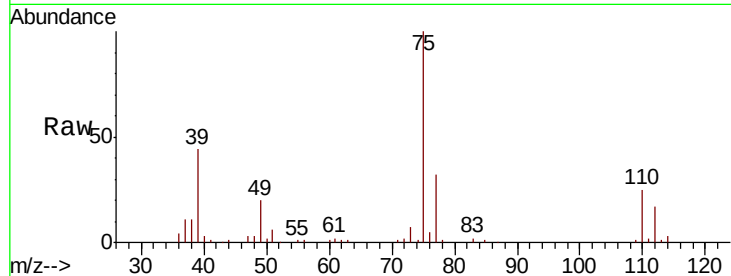
#53
t-1,3-Dichloropropene
Concen: 18.017 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tot Ion: 75 Resp: 47303
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6

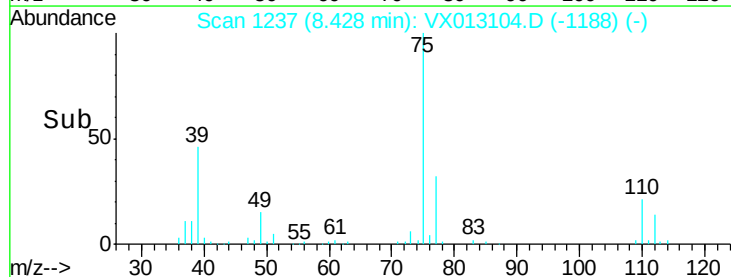
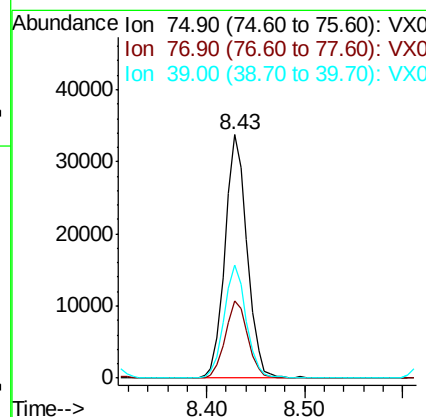
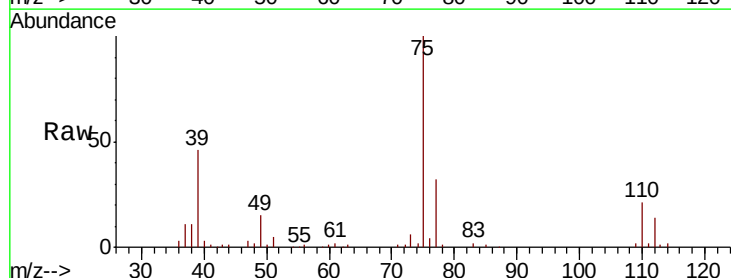
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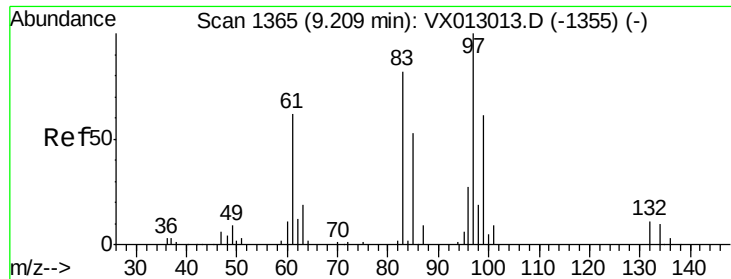
MMDadoda
10/18/2019 10:05:36 AM



#54
cis-1,3-Dichloropropene
Concen: 18.846 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Tgt Ion: 75 Resp: 53033
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.8
39 46.2 38.2 57.2





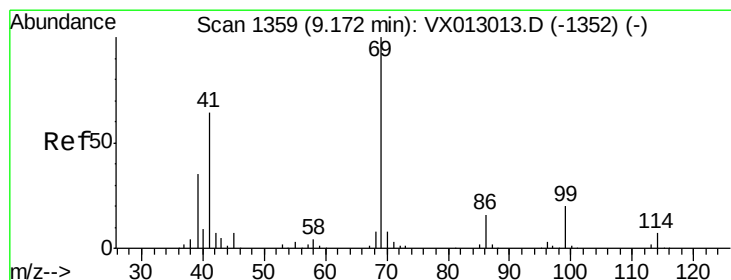
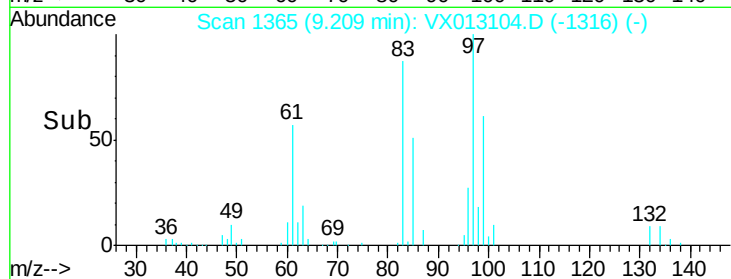
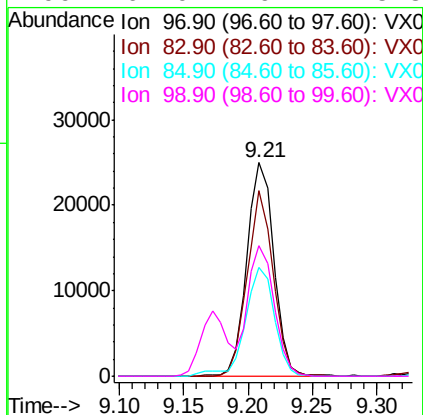
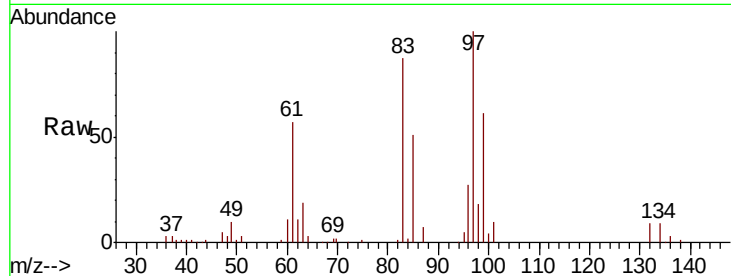
#55
 1,1,2-Trichloroethane
 Concen: 20.649 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013104.D
 Acq: 17 Oct 2019 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBS01

Tot Ion:	97	Resp:	36095
Ion Ratio	Lower	Upper	
97	100		
83	86.7	66.5	99.7
85	51.0	43.1	64.7
99	61.0	49.2	73.8

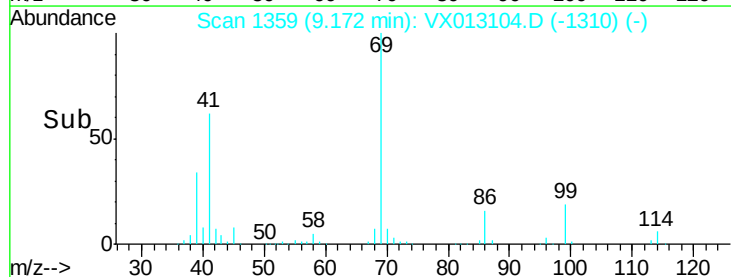
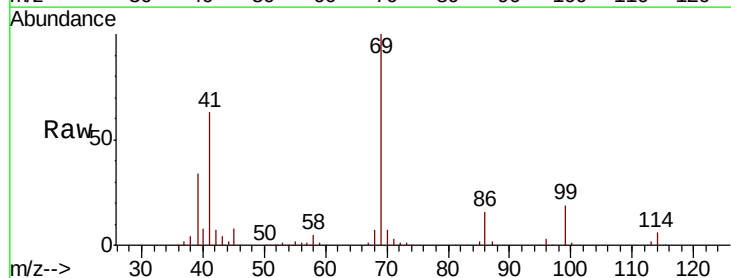
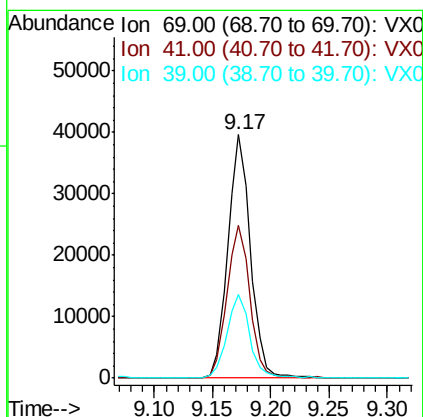
Manual Integrations
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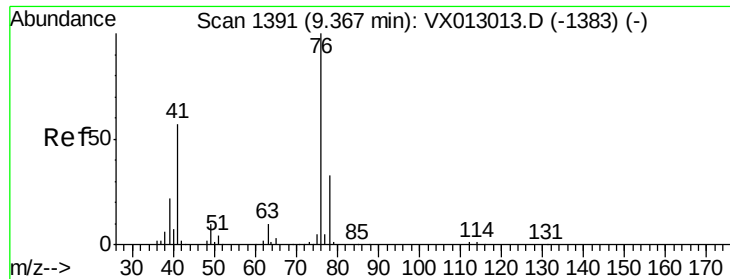
MMDadoda
 10/18/2019 10:05:36 AM



#56
 Ethyl methacrylate
 Concen: 18.302 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013104.D
 Acq: 17 Oct 2019 14:01

Tgt Ion:	69	Resp:	53515
Ion Ratio	Lower	Upper	
69	100		
41	63.8	52.1	78.1
39	35.1	27.8	41.8





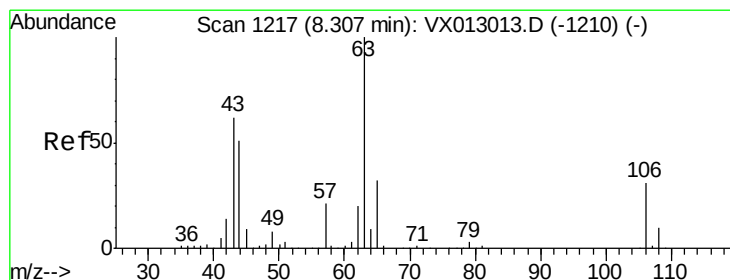
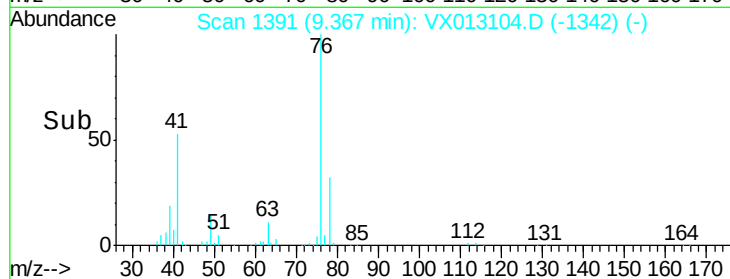
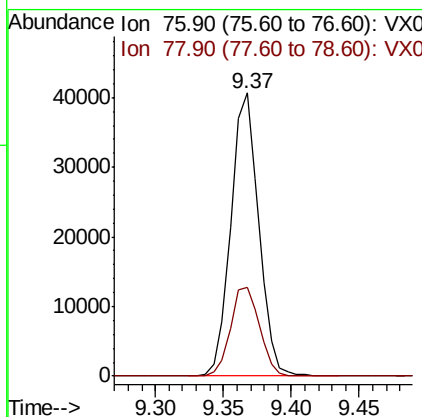
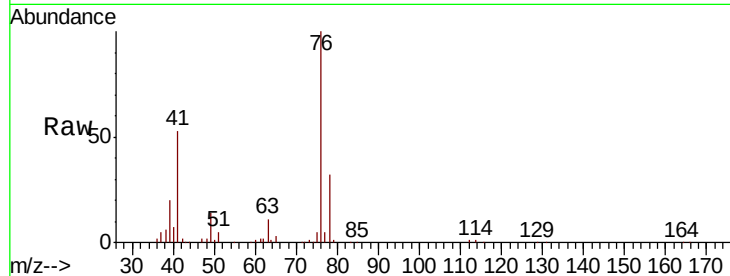
#57
 1,3-Dichloropropane
 Concen: 19.208 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013104.D
 Acq: 17 Oct 2019 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBS01

Tot Ion: 76 Resp: 58079
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.1 39.1

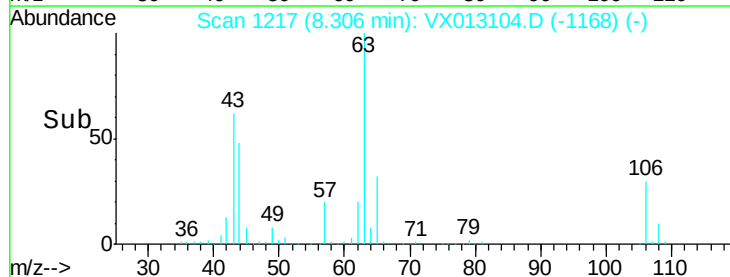
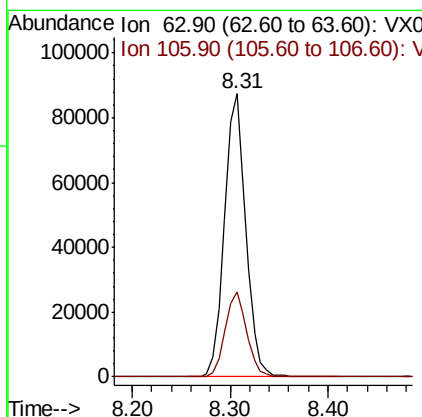
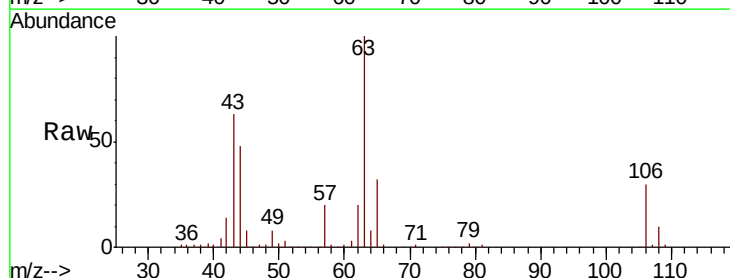
Manual Integrations
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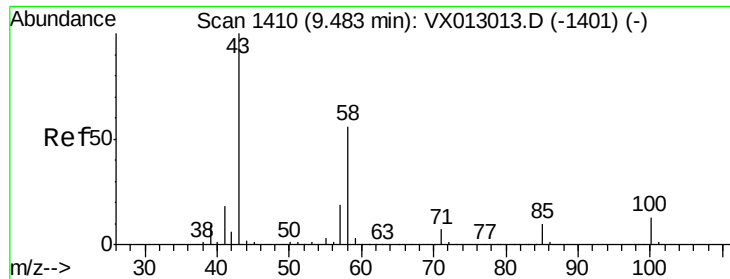
MMDadoda
 10/18/2019 10:05:36 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.209 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013104.D
 Acq: 17 Oct 2019 14:01

Tgt Ion: 63 Resp: 132534
 Ion Ratio Lower Upper
 63 100
 106 30.0 23.8 35.8





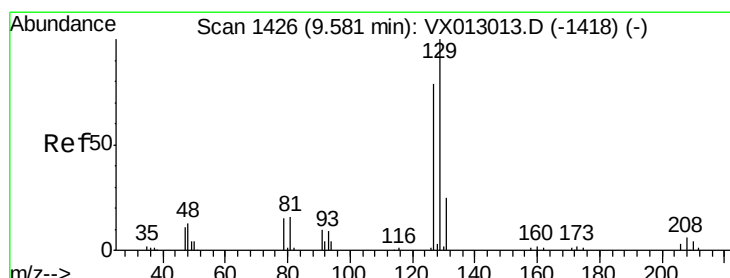
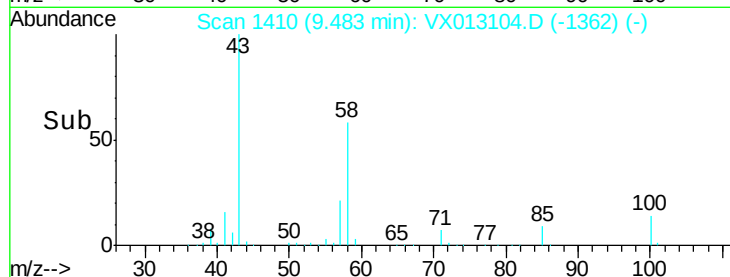
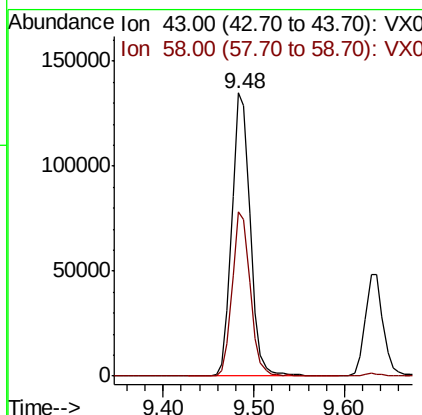
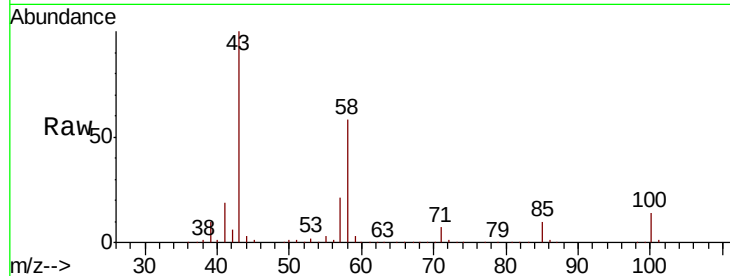
#59
2-Hexanone
Concen: 93.054 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tot Ion: 43 Resp: 189477
Ion Ratio Lower Upper
43 100
58 57.0 28.1 84.3

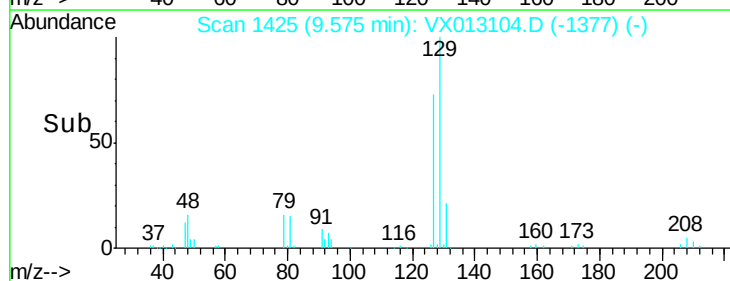
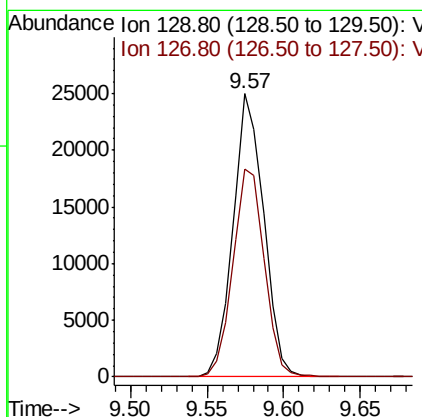
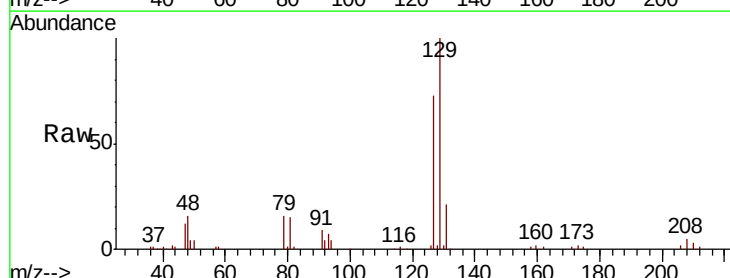
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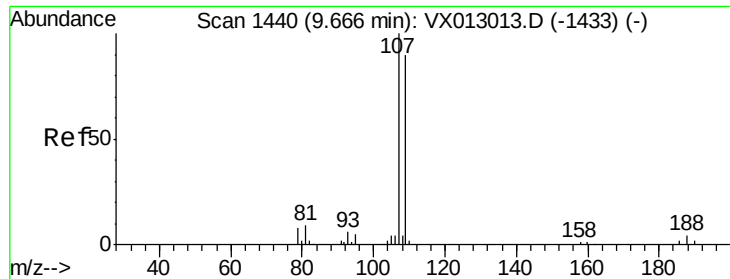
MMDadoda
10/18/2019 10:05:36 AM



#60
Dibromochloromethane
Concen: 19.018 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Tgt Ion: 129 Resp: 34671
Ion Ratio Lower Upper
129 100
127 75.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 20.027 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tot Ion: 107 Resp: 36827

Ion Ratio Lower Upper

107 100

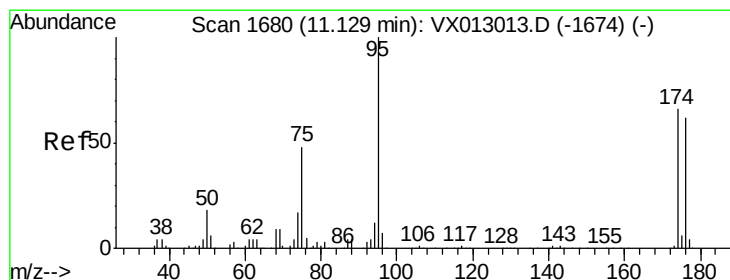
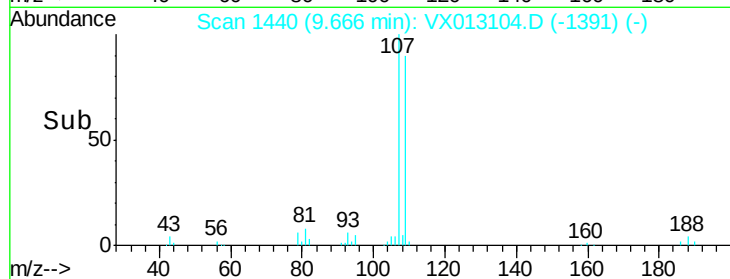
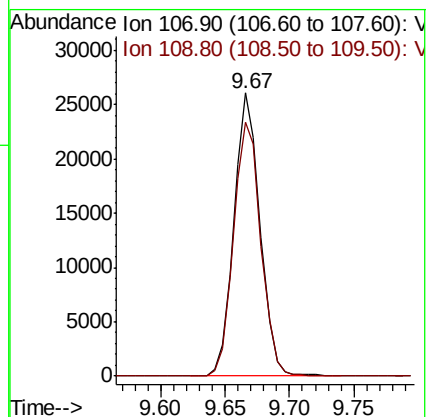
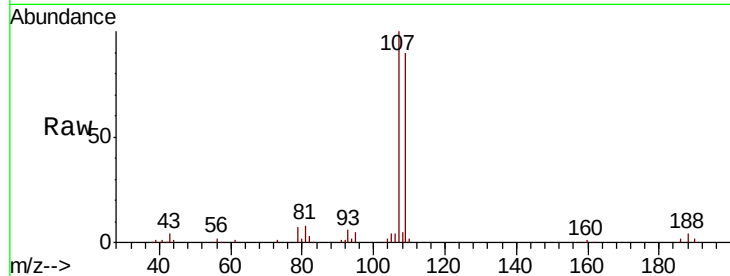
109 93.6 75.8 113.6

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10/18/2019 10:05:36 AM



#62

4-Bromofluorobenzene

Concen: 49.261 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

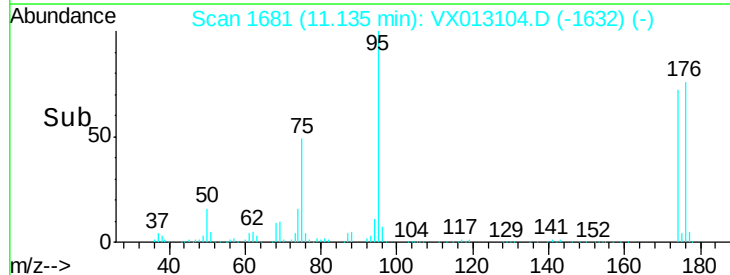
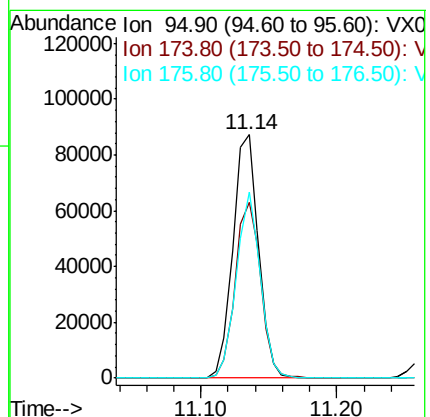
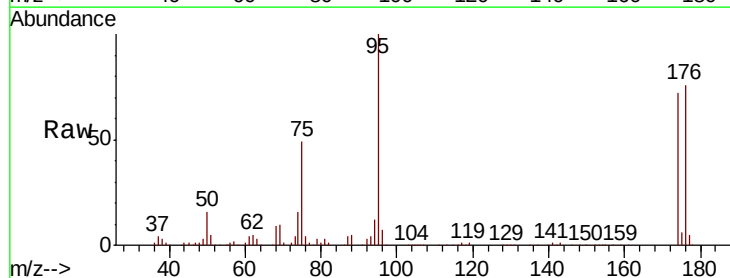
Tgt Ion: 95 Resp: 113923

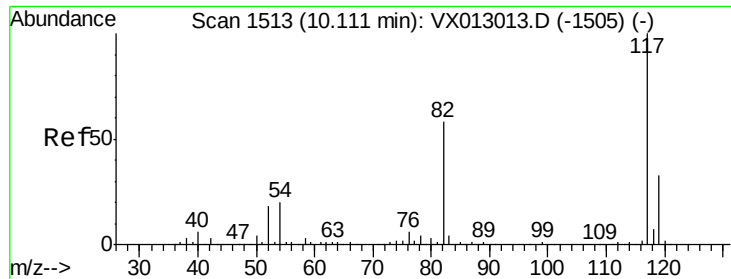
Ion Ratio Lower Upper

95 100

174 72.0 0.0 143.4

176 71.6 0.0 136.0





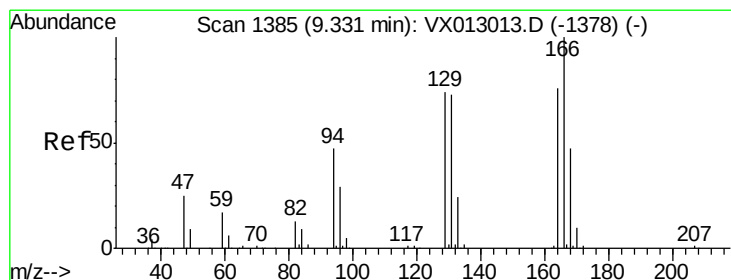
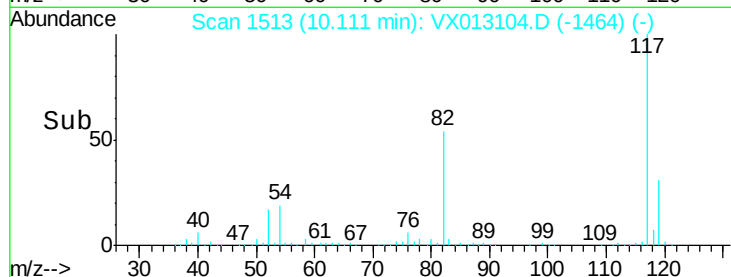
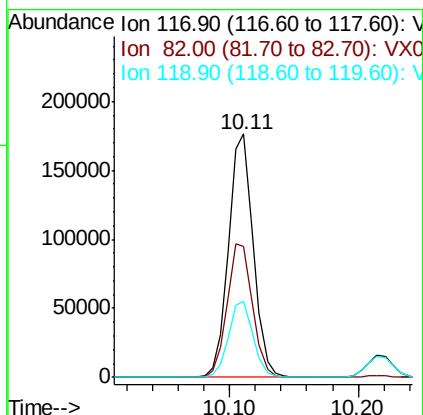
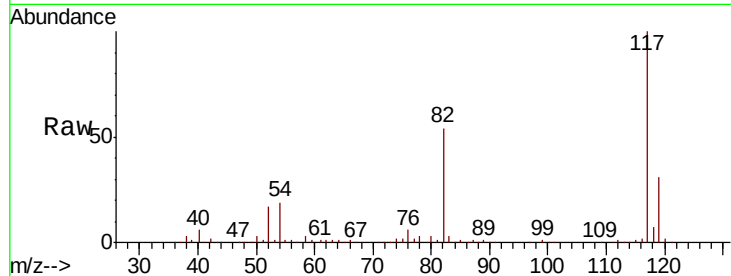
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.1	66.1
119	30.9	25.8	38.8

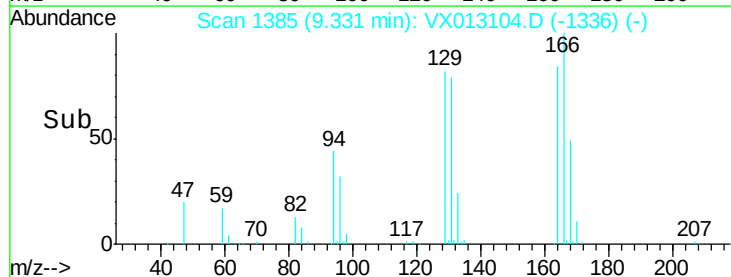
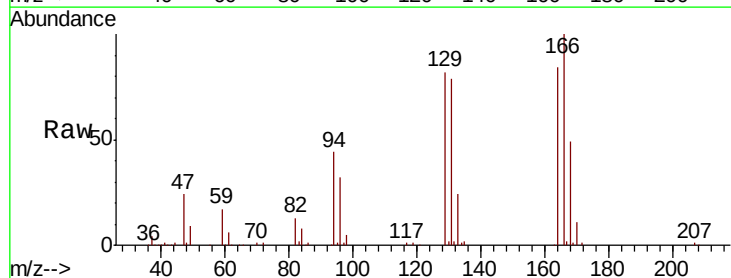
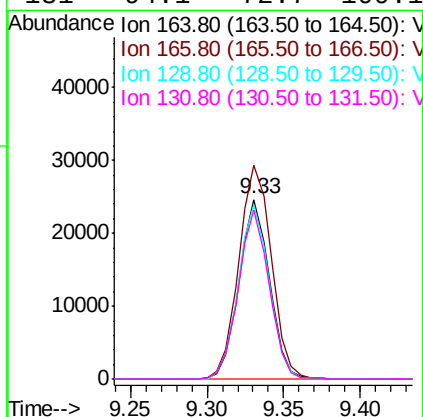
Manual Integrations
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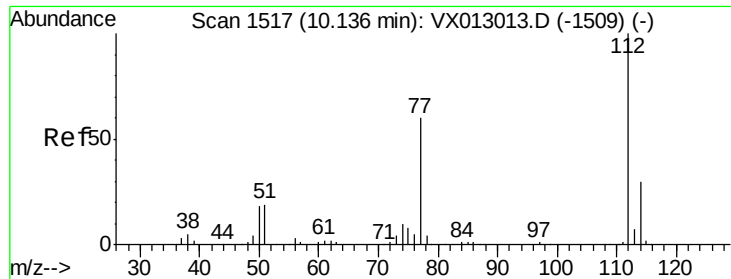
MMDadoda
10/18/2019 10:05:36 AM



#64
Tetrachloroethene
Concen: 20.618 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.1	96.9	145.3
129	97.4	77.9	116.9
131	94.1	72.7	109.1





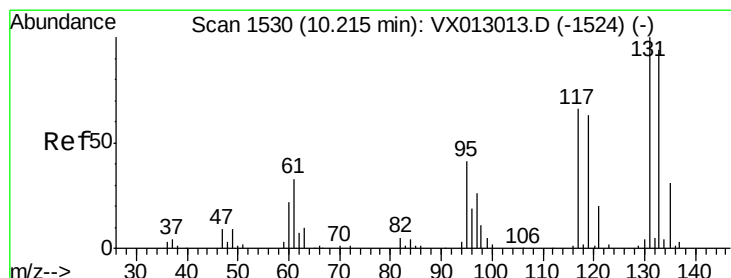
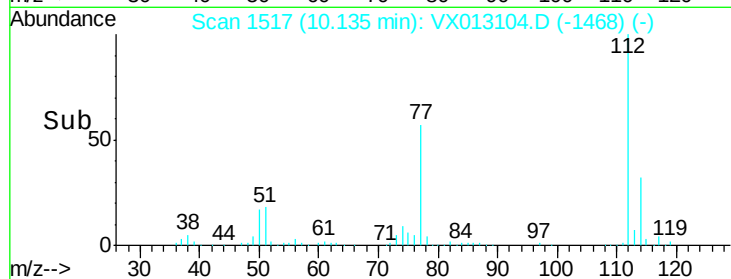
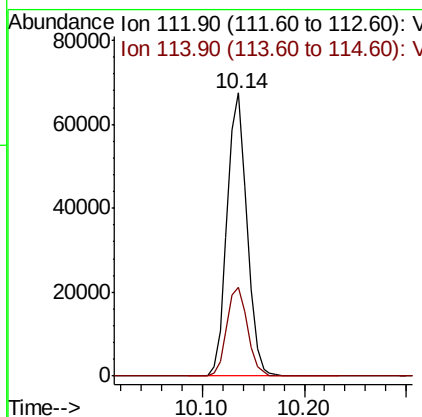
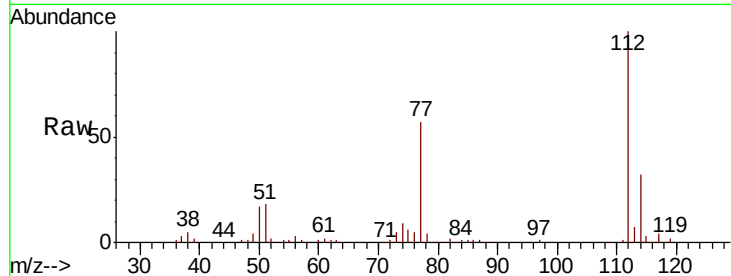
#65
Chlorobenzene
Concen: 19.228 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tot Ion:112 Resp: 90837
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

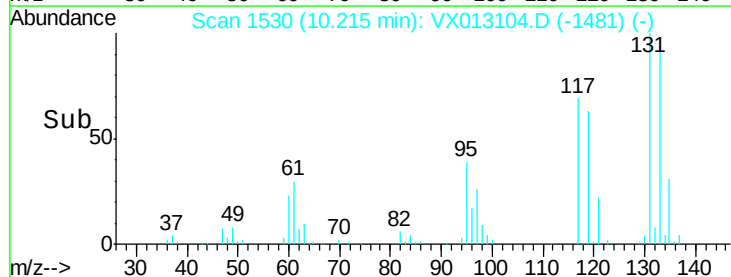
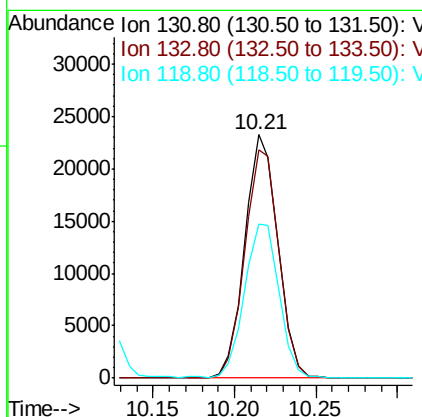
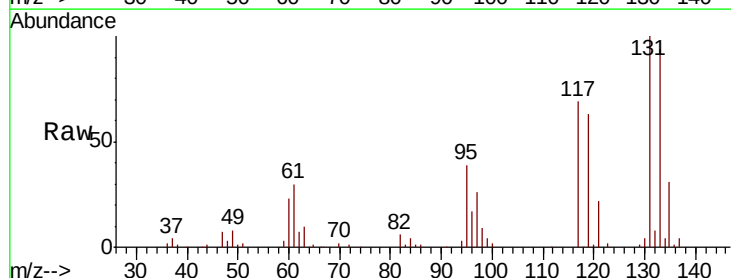
Manual Integrations
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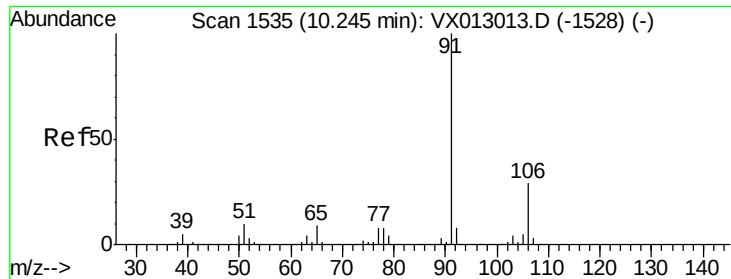
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.046 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Tgt Ion:131 Resp: 32835
Ion Ratio Lower Upper
131 100
133 96.4 47.2 141.6
119 66.5 32.6 98.0





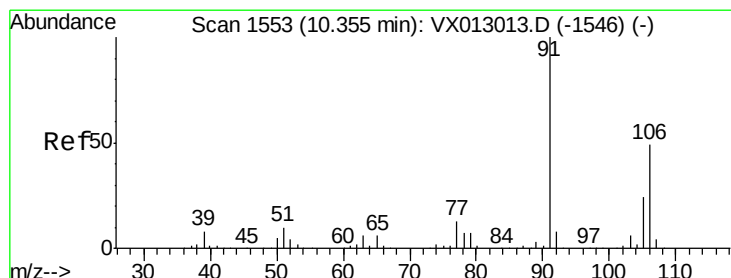
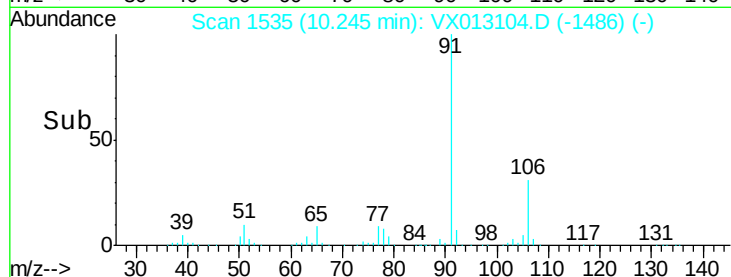
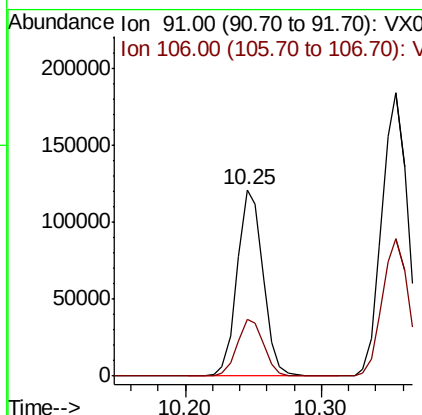
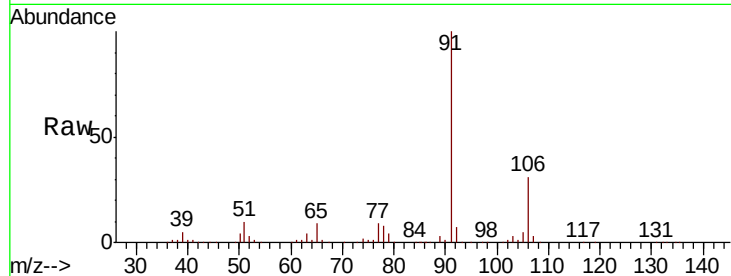
#67
Ethyl Benzene
Concen: 19.087 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tot Ion: 91 Resp: 160173
Ion Ratio Lower Upper
91 100
106 30.8 23.9 35.9

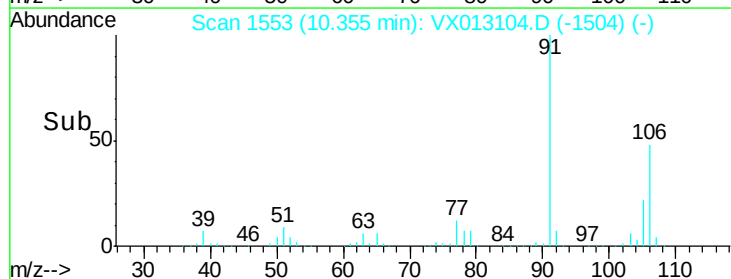
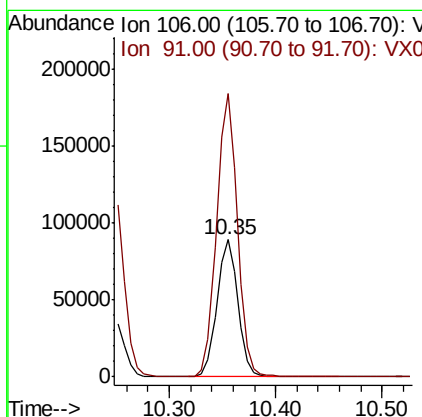
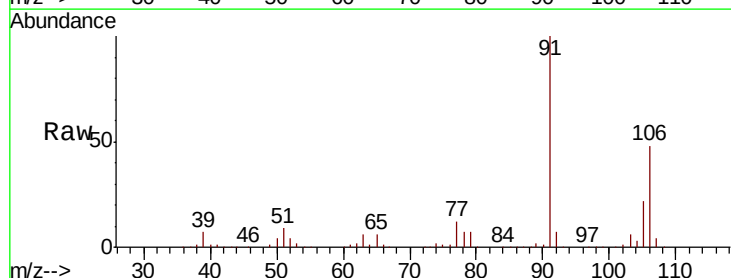
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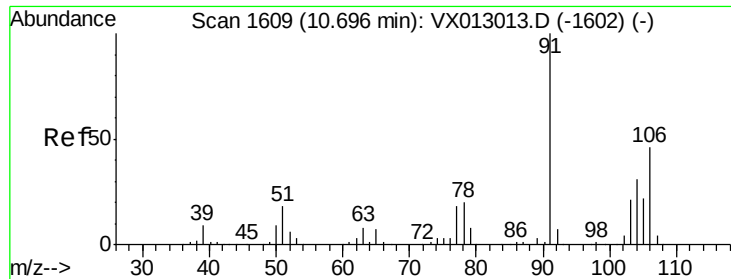
MMDadoda
10/18/2019 10:05:36 AM



#68
m/p-Xylenes
Concen: 38.676 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Tgt Ion: 106 Resp: 121247
Ion Ratio Lower Upper
106 100
91 204.5 165.3 247.9





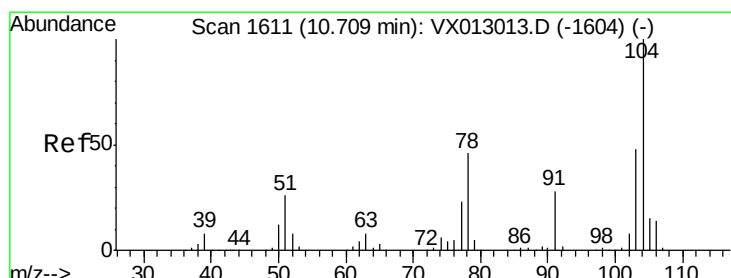
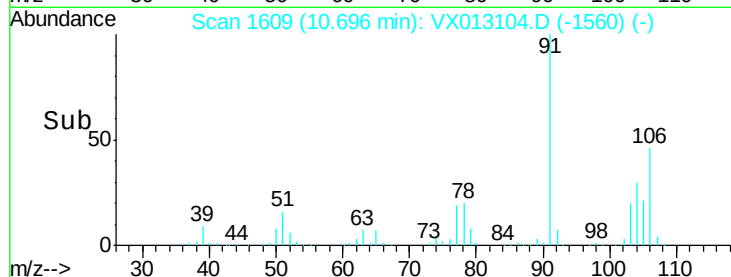
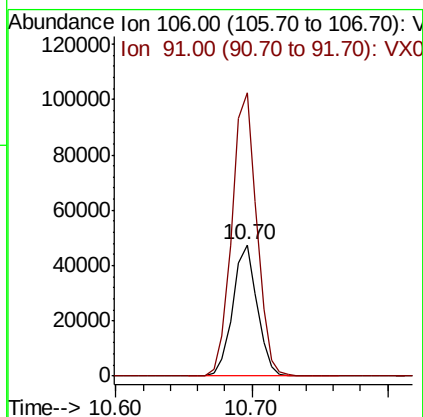
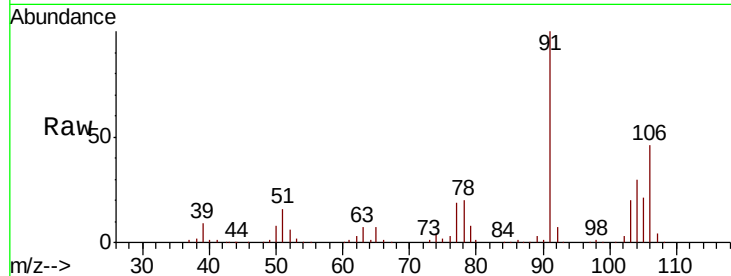
#69
o-Xylene
Concen: 19.338 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tot Ion:106 Resp: 59119
Ion Ratio Lower Upper
106 100
91 220.4 109.1 327.3

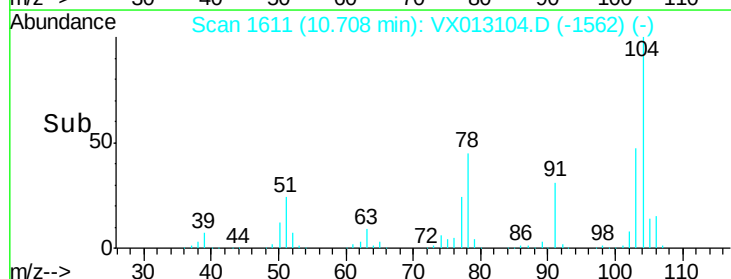
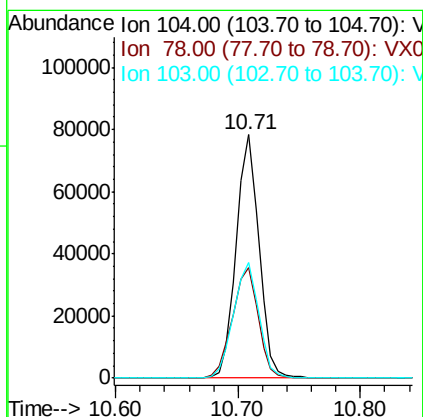
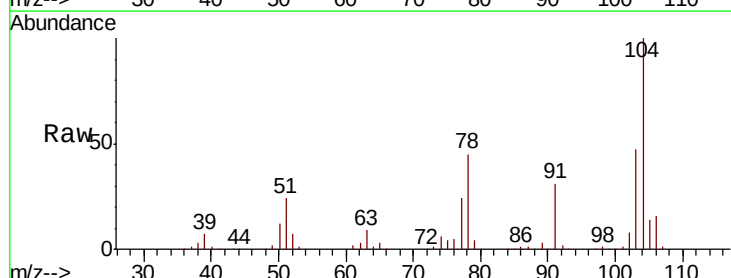
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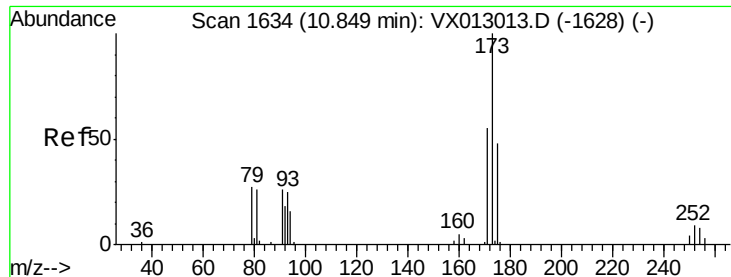
MMDadoda
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#70
Styrene
Concen: 19.396 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Tgt Ion:104 Resp: 100802
Ion Ratio Lower Upper
104 100
78 51.6 41.2 61.8
103 53.0 43.0 64.4





#71

Bromoform

Concen: 18.952 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tot Ion:173 Resp: 23550

Ion Ratio Lower Upper

173 100

175 46.9 24.1 72.3

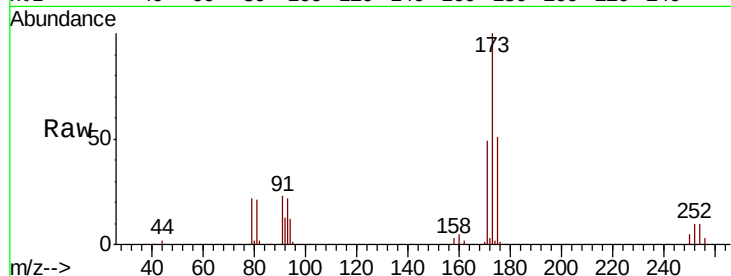
254 0.0 0.1 0.1#

Manual Integrations

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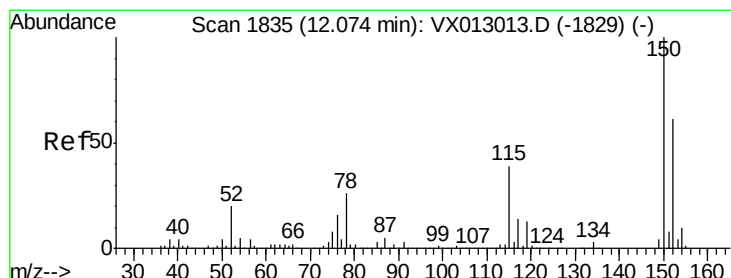
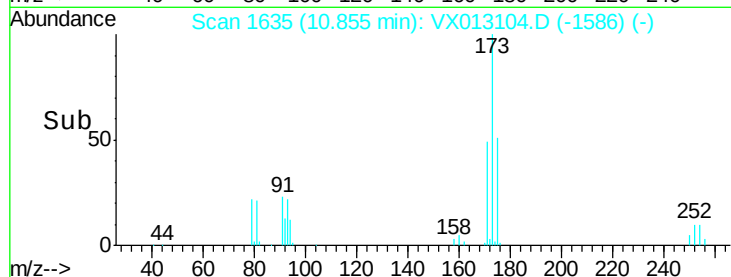
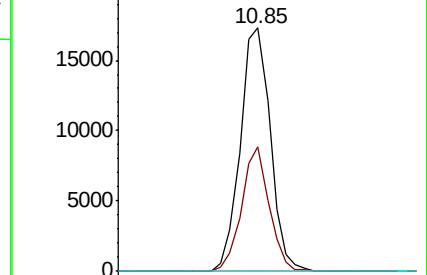
10/18/2019 10:05:36 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

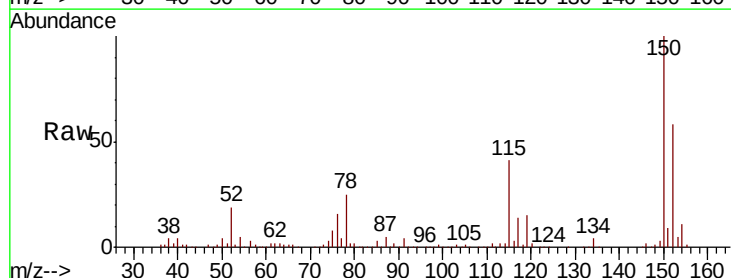
Tgt Ion:152 Resp: 107405

Ion Ratio Lower Upper

152 100

115 74.2 44.5 133.5

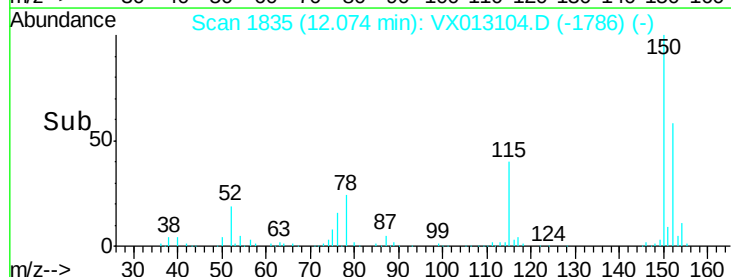
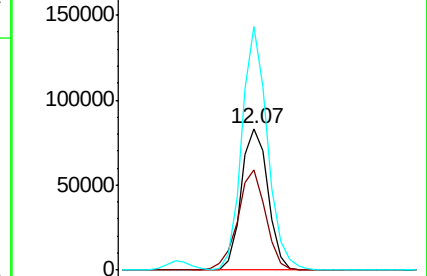
150 165.9 0.0 353.4

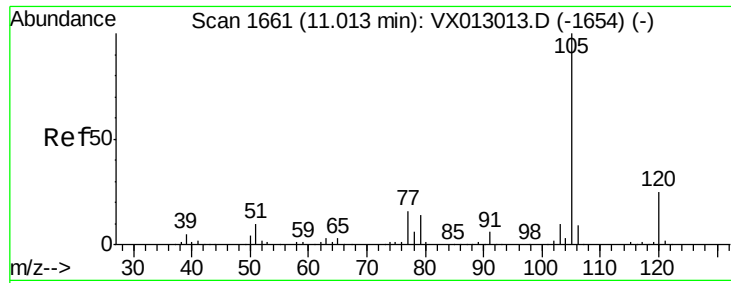


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





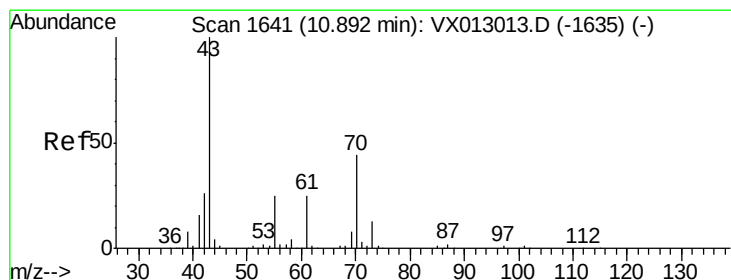
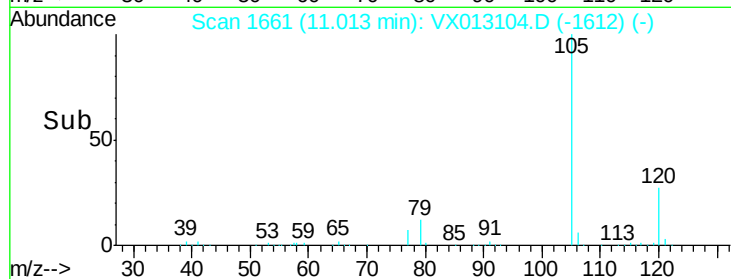
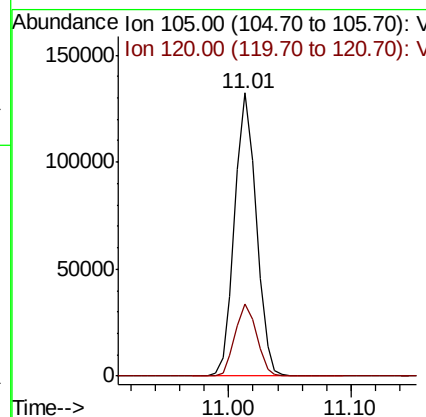
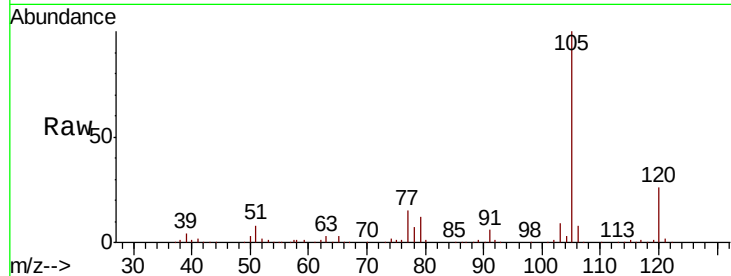
#73
Isopropylbenzene
Concen: 20.435 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tot Ion: 105 Resp: 161366
Ion Ratio Lower Upper
105 100
120 25.7 13.0 39.0

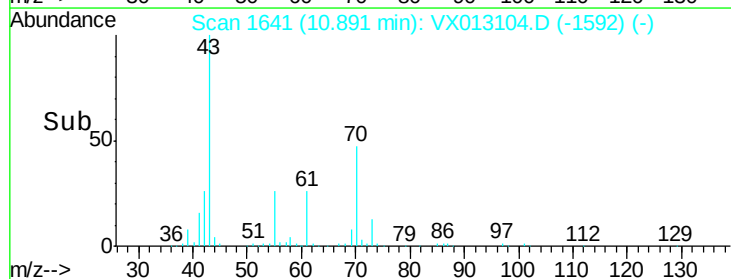
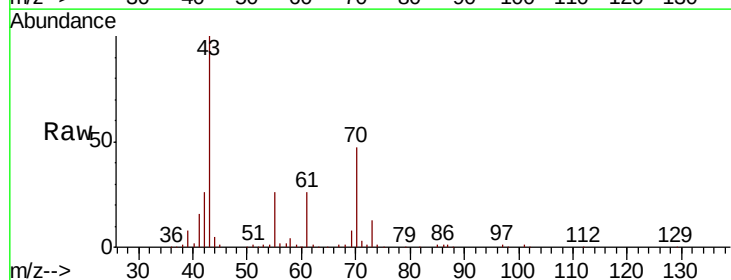
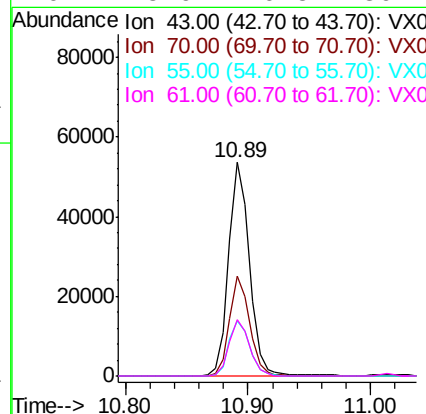
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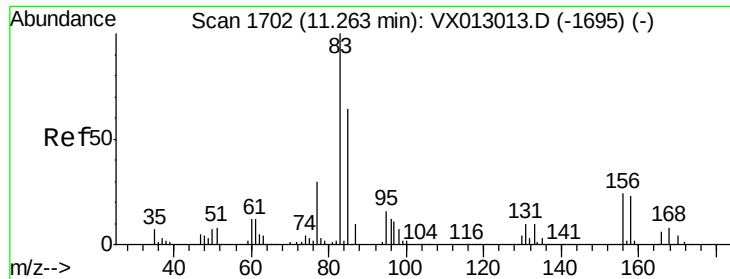
MMDadoda
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#74
N-ethyl acetate
Concen: 18.628 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Tgt Ion: 43 Resp: 63352
Ion Ratio Lower Upper
43 100
70 45.6 36.4 54.6
55 26.1 20.2 30.2
61 25.9 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.714 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Instrument :

MSVOA_X

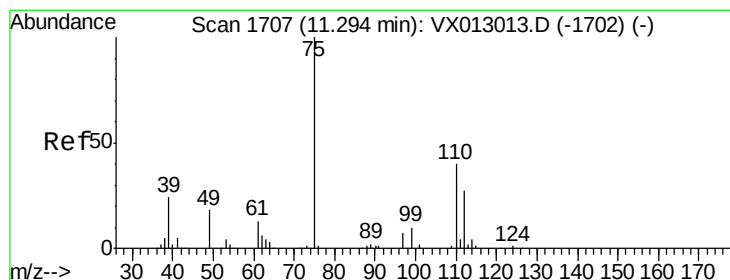
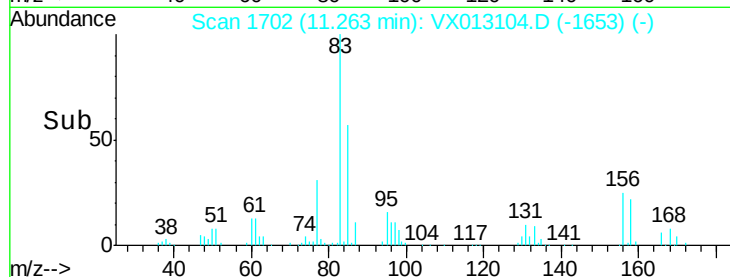
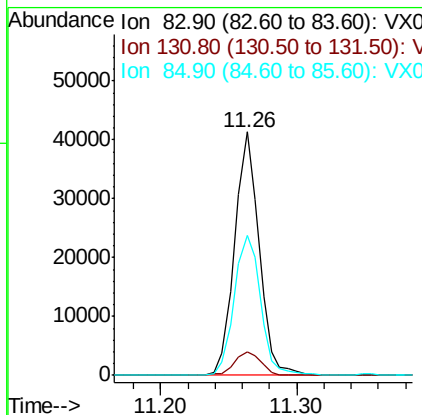
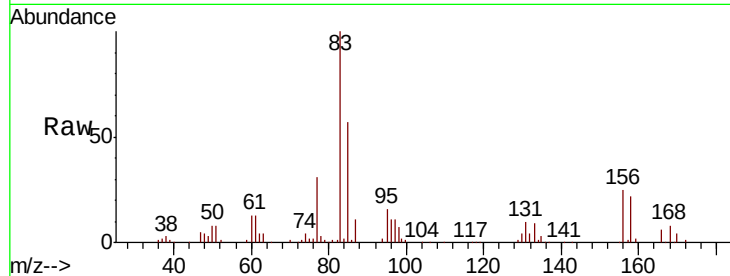
ClientSampleId :

VX1017MBS01

Tot Ion	83	Resp	51777
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.1	15.3
85	62.2	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.616 ug/l m

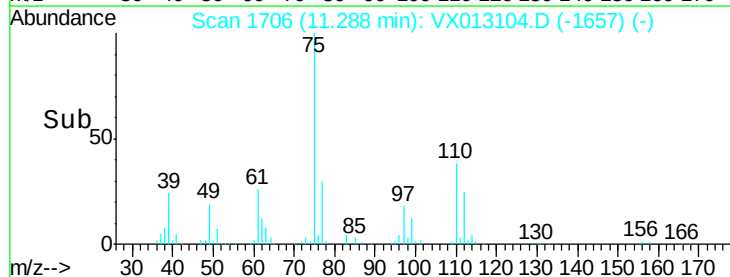
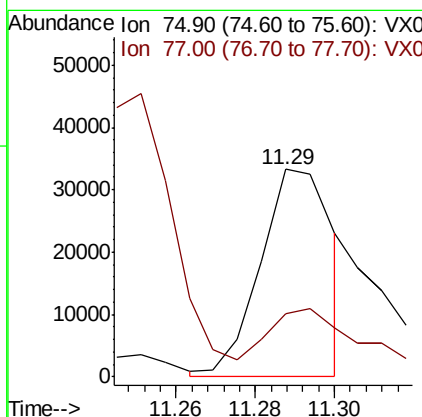
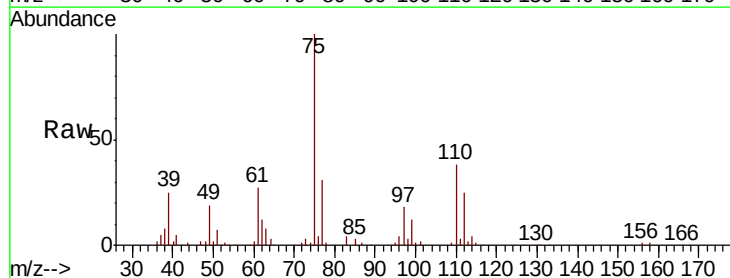
RT: 11.29 min Scan# 1706

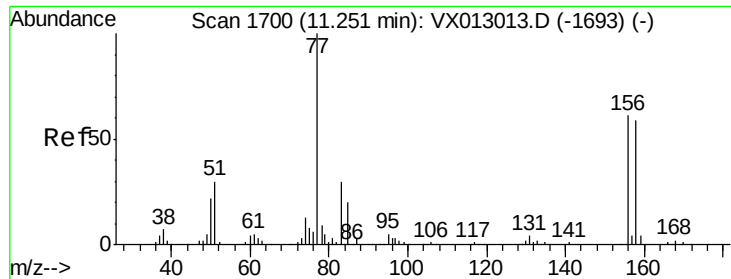
Delta R.T. -0.00 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Tgt Ion	75	Resp	41966
Ion	Ratio	Lower	Upper
75	100		
77	43.7	22.9	68.8





#77

Bromobenzene

Concen: 19.939 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Instrument :

MSVOA_X

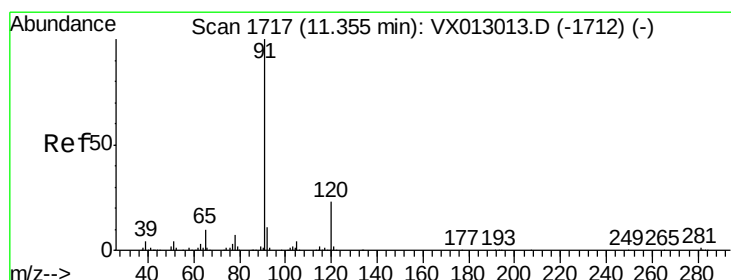
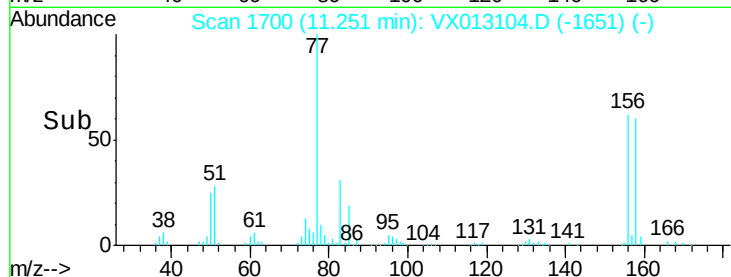
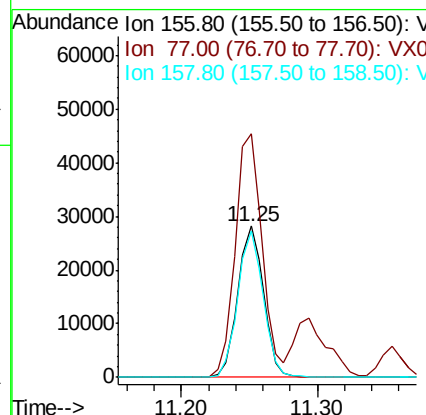
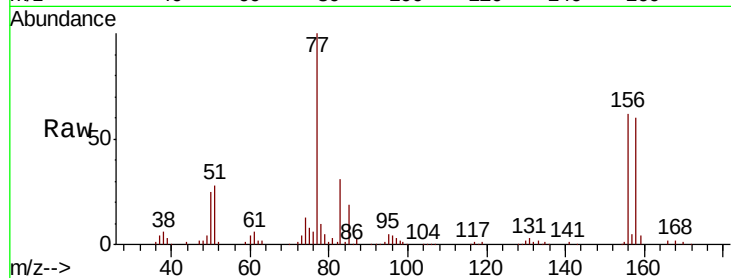
ClientSampleId :

VX1017MBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	168.5	83.7	251.0	
158	96.0	48.6	145.9	

Manual Integrations
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#78

n-propylbenzene

Concen: 19.340 ug/l

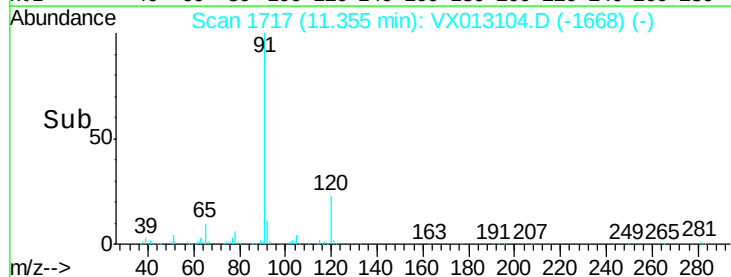
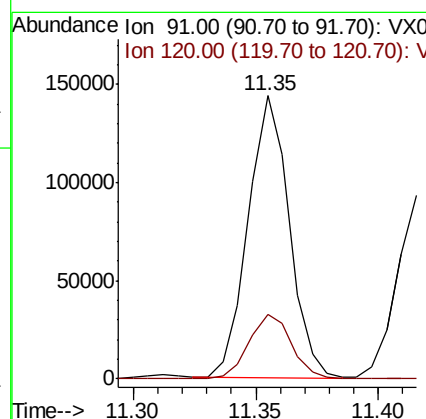
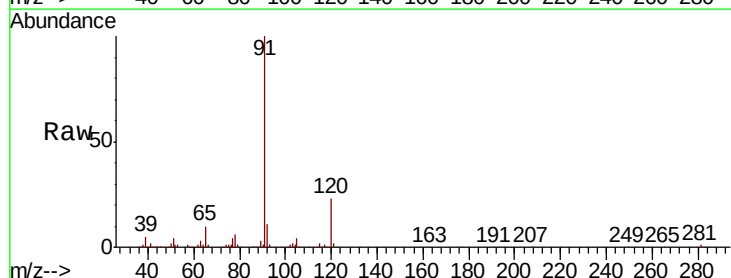
RT: 11.35 min Scan# 1717

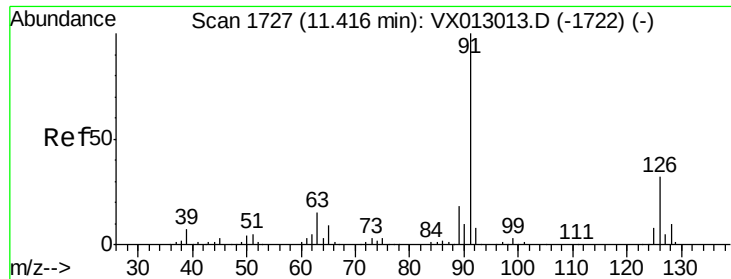
Delta R.T. -0.00 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.7	11.7	35.1	





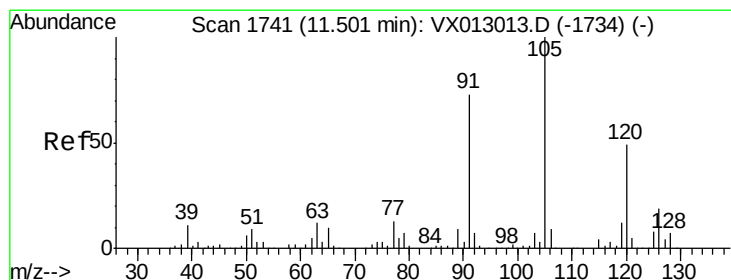
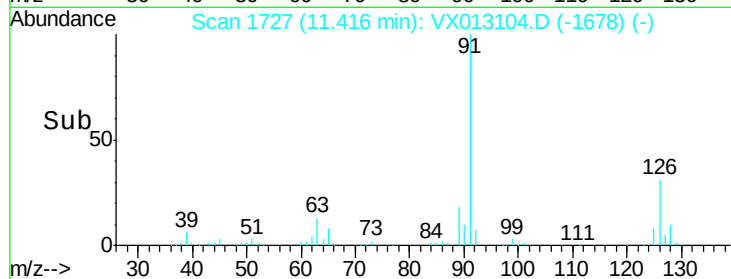
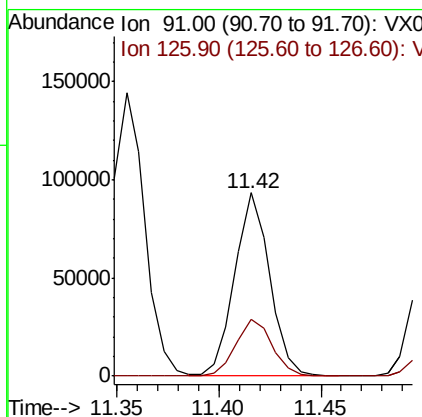
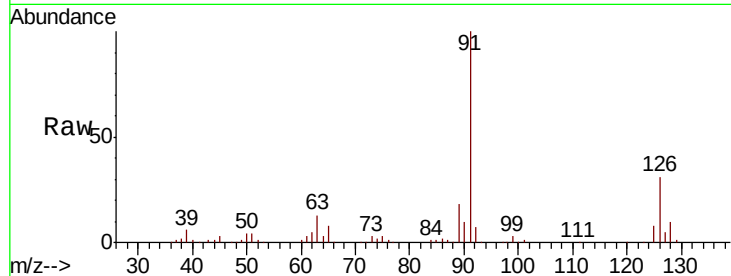
#79
2-Chlorotoluene
Concen: 20.213 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tot Ion: 91 Resp: 110383
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.8

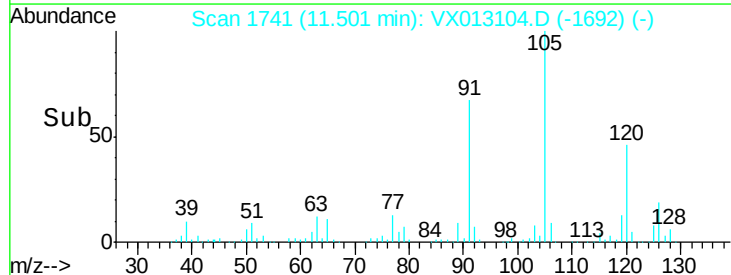
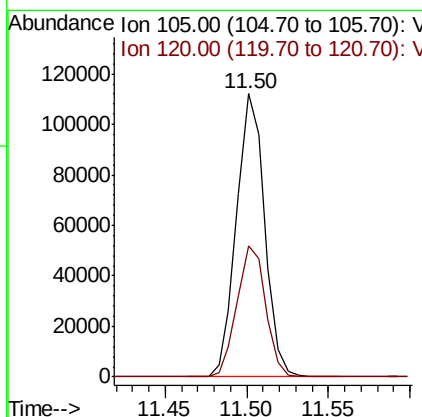
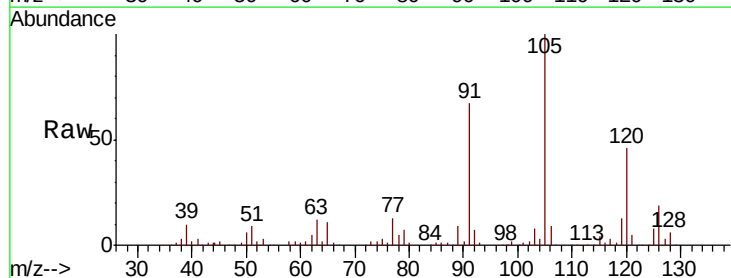
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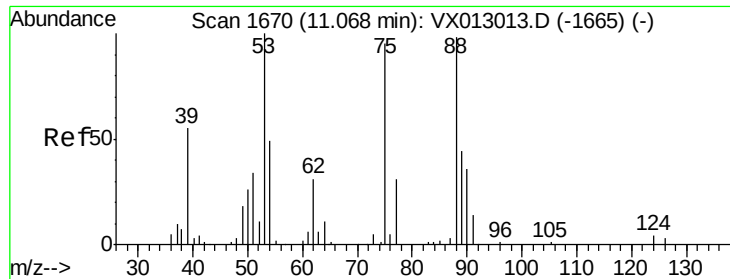
MMDadoda
10/18/2019 10:05:36 AM



#80
1,3,5-Trimethylbenzene
Concen: 20.492 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Tgt Ion: 105 Resp: 135120
Ion Ratio Lower Upper
105 100
120 47.1 24.8 74.3





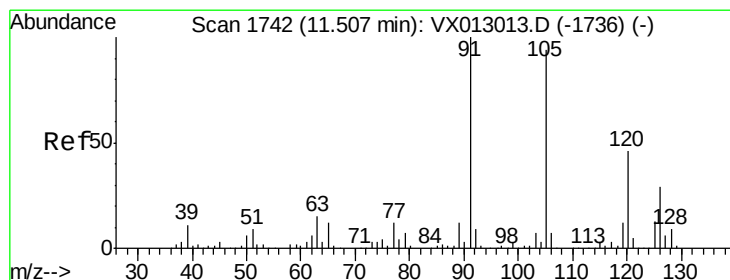
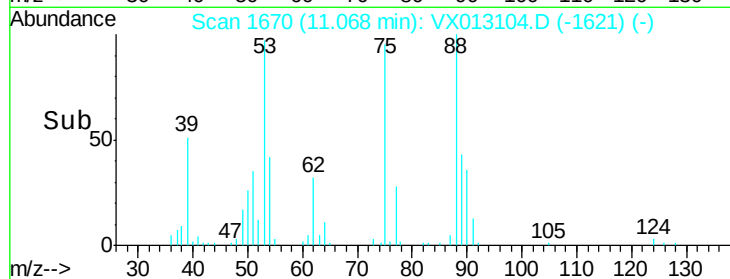
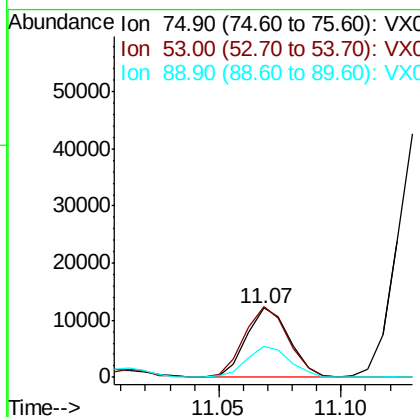
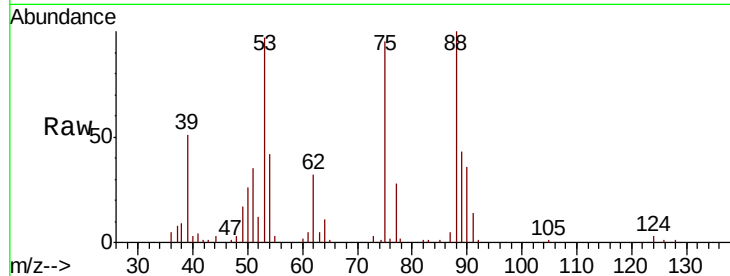
#81
trans-1,4-Dichloro-2-butene
Concen: 18.778 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tot Ion: 75 Resp: 14823
Ion Ratio Lower Upper
75 100
53 105.4 78.5 117.7
89 46.0 37.4 56.2

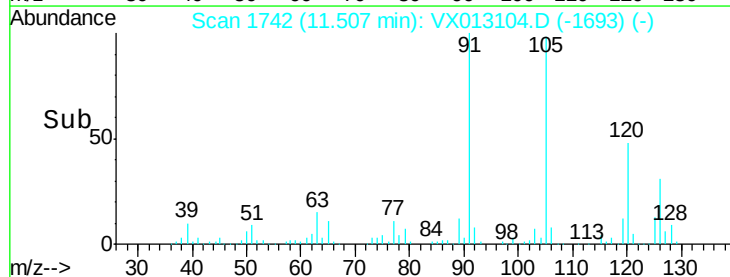
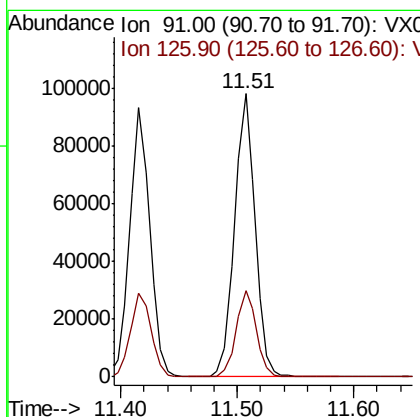
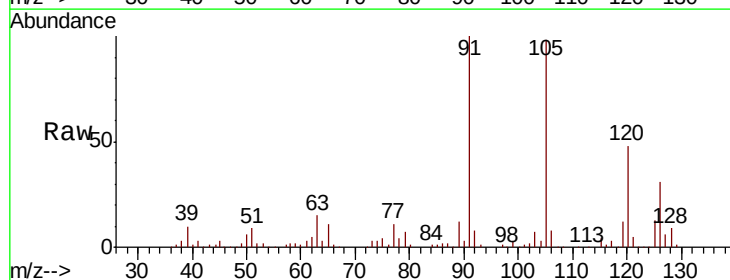
Manual Integrations
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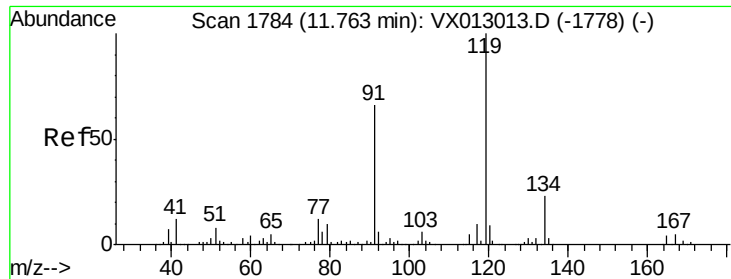
MMDadoda
10/18/2019 10:05:36 AM



#82
4-Chlorotoluene
Concen: 19.307 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Tgt Ion: 91 Resp: 120848
Ion Ratio Lower Upper
91 100
126 30.2 14.2 42.6





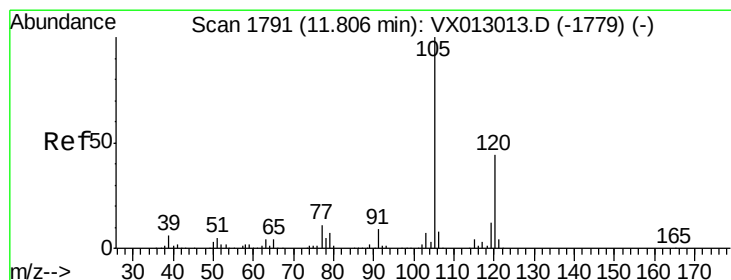
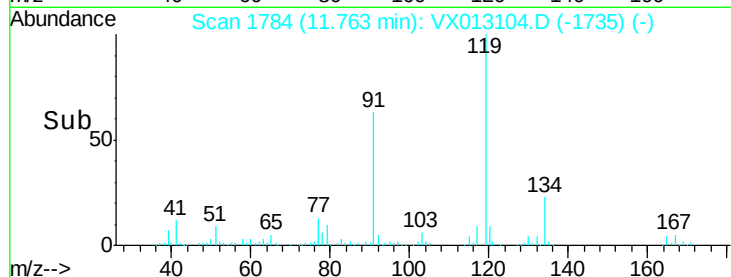
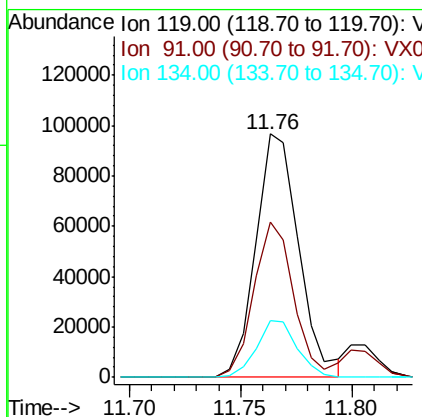
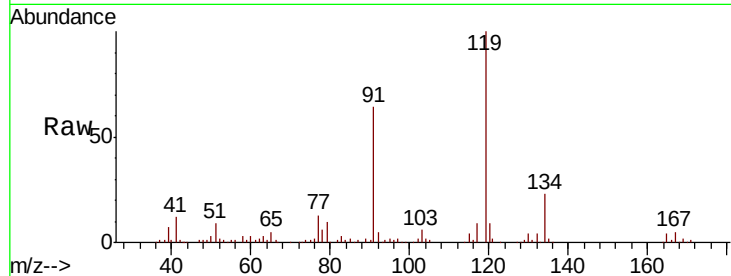
#83
 tert-Butylbenzene
 Concen: 20.205 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013104.D
 Acq: 17 Oct 2019 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	129960		
91	58.7	29.3	87.9	
134	21.9	11.5	34.4	

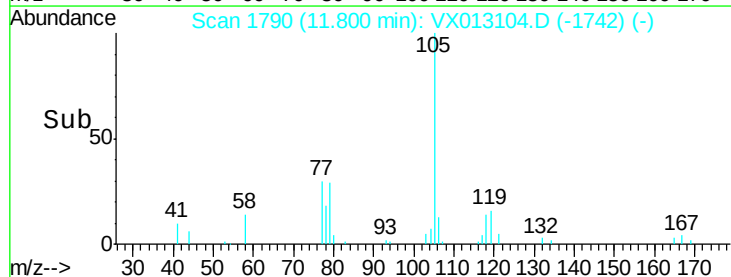
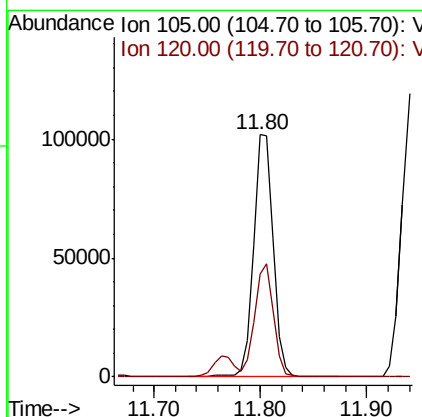
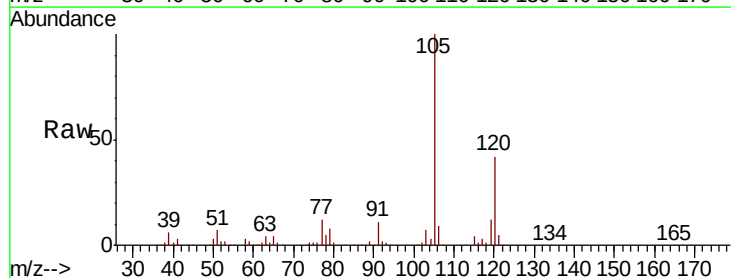
Manual Integrations
 APPROVED

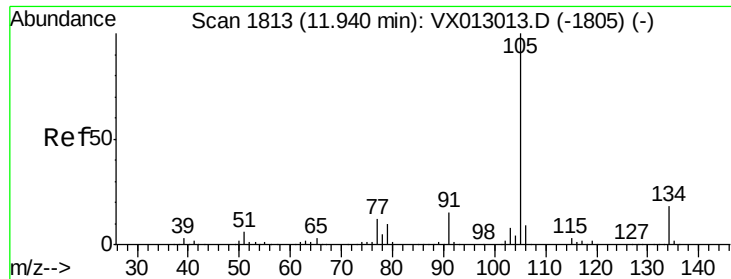
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.731 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013104.D
 Acq: 17 Oct 2019 14:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	131765		
120	44.2	21.8	65.3	





#85

sec-Butylbenzene

Concen: 20.238 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX1017MBS01

Tot Ion:105 Resp: 150811

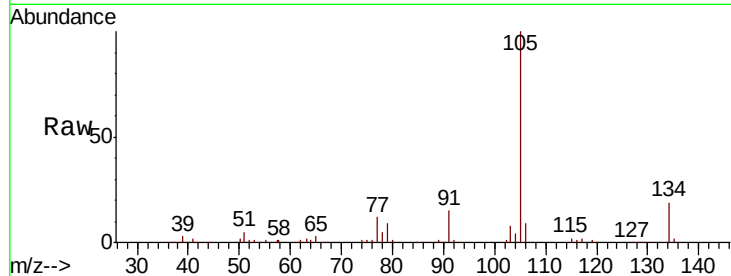
Ion Ratio Lower Upper

105 100

134 19.8 10.0 30.0

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

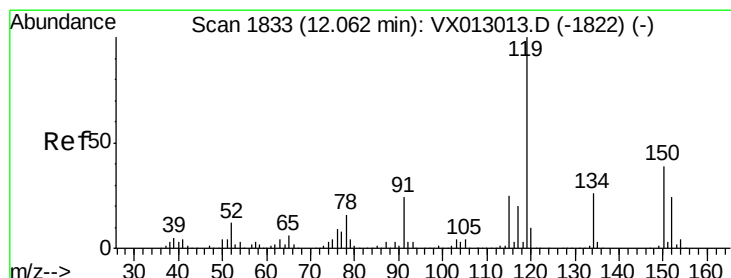
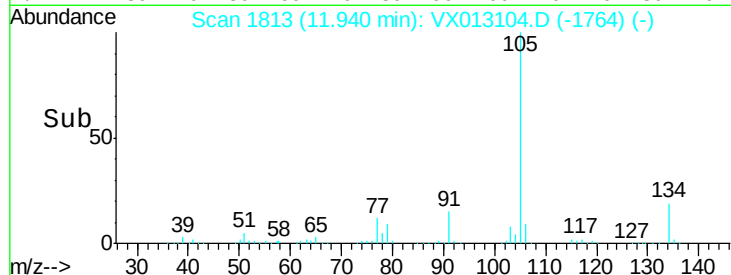
11.94

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.954 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013104.D

Acq: 17 Oct 2019 14:01

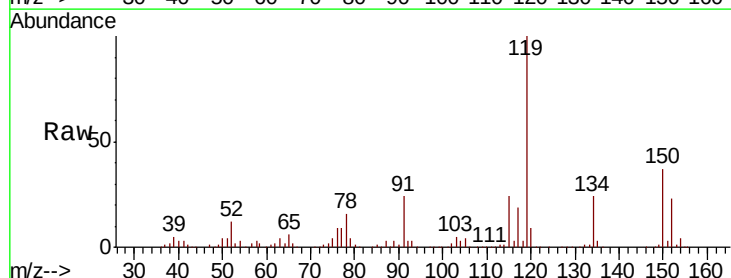
Tgt Ion:119 Resp: 137903

Ion Ratio Lower Upper

119 100

134 24.8 12.6 37.8

91 24.9 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

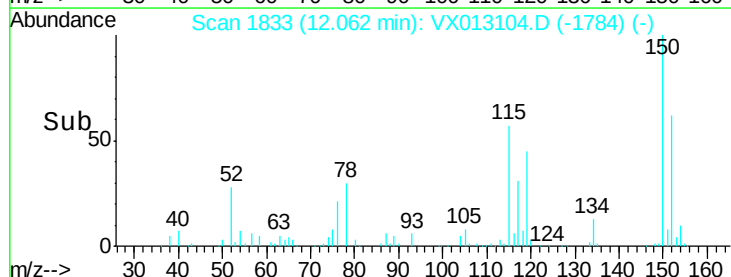
150000

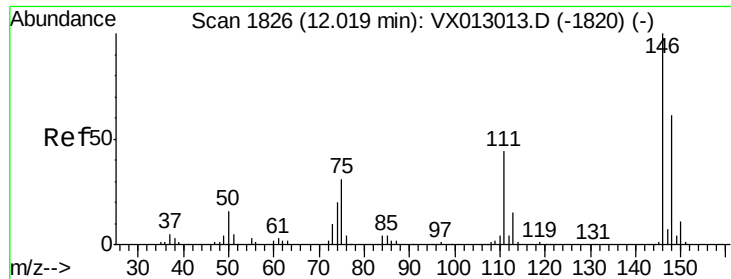
100000

50000

0

Time-->





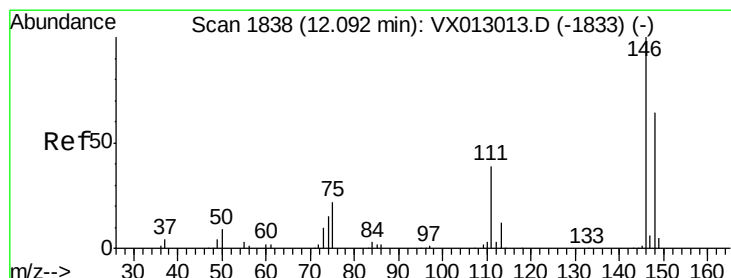
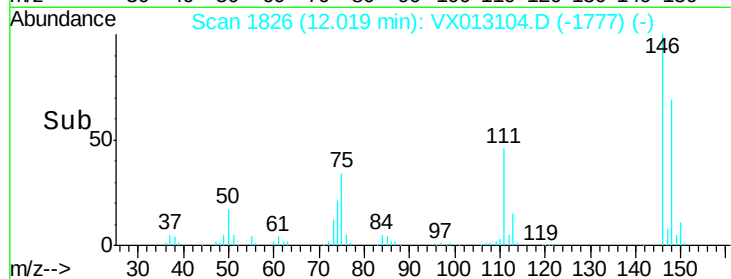
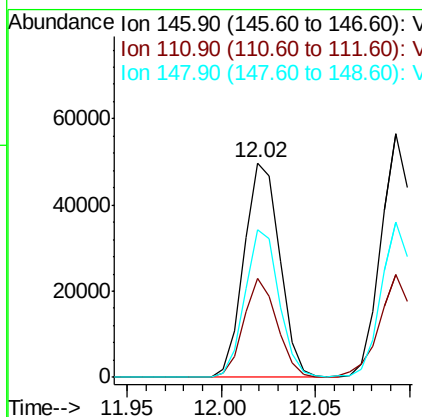
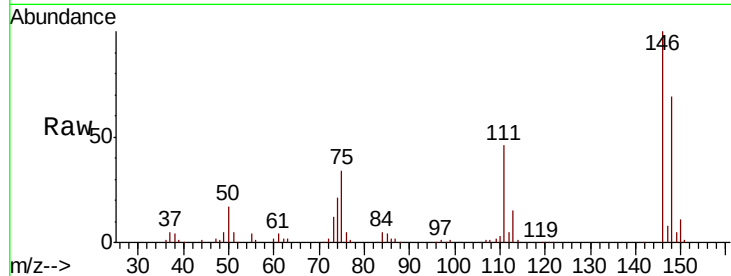
#87
 1,3-Dichlorobenzene
 Concen: 18.936 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013104.D
 Acq: 17 Oct 2019 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.1	63.4
148	66.1	31.6	95.0

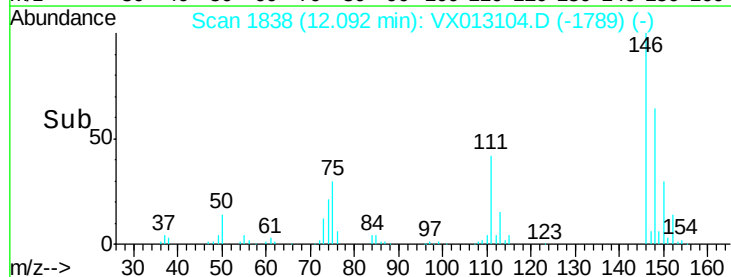
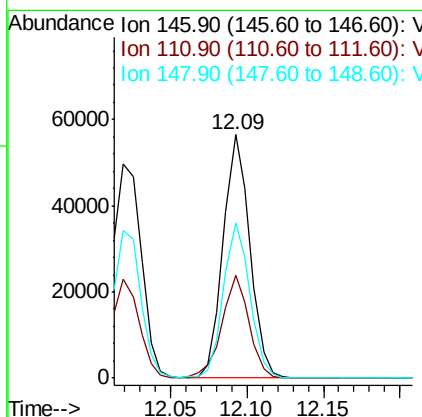
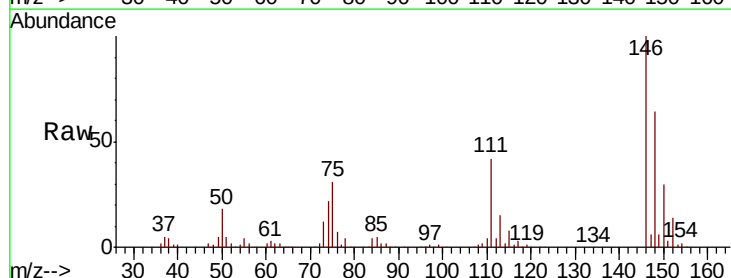
Manual Integrations
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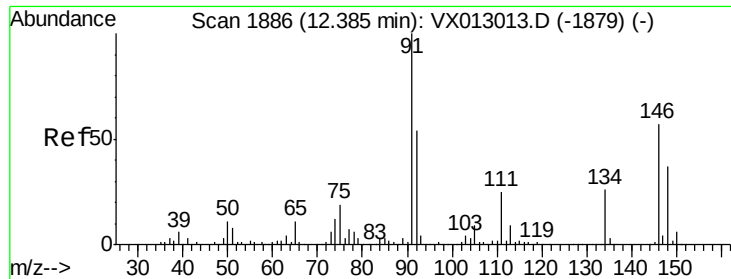
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#88
 1,4-Dichlorobenzene
 Concen: 19.516 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013104.D
 Acq: 17 Oct 2019 14:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.4	64.3
148	63.6	32.1	96.5





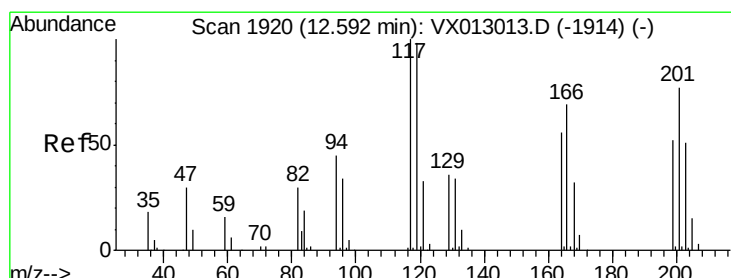
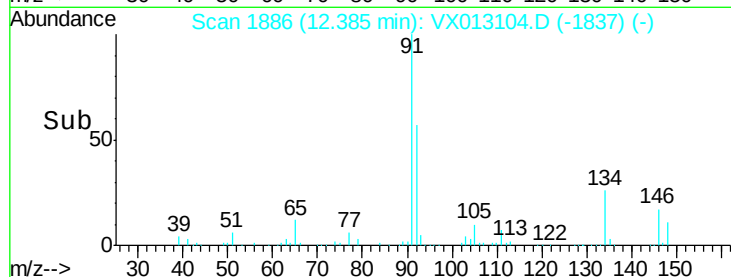
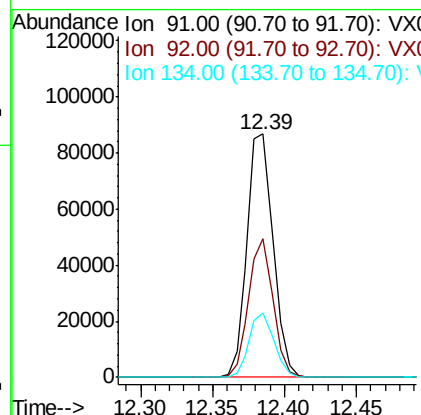
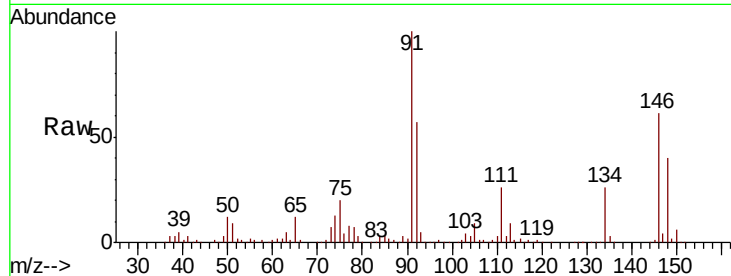
#89
n-Butylbenzene
Concen: 18.845 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.5	82.5
134	25.3	12.9	38.7

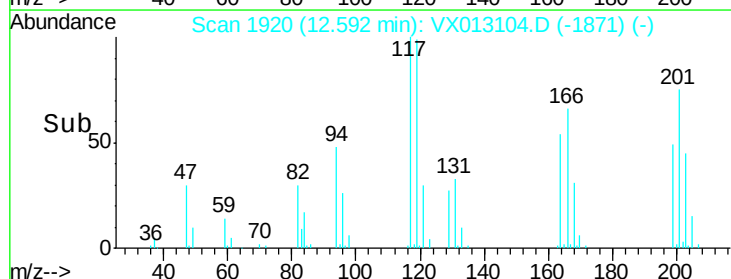
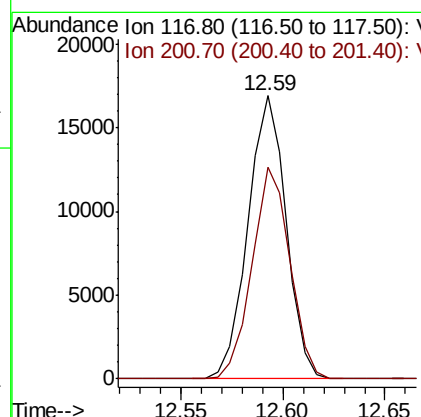
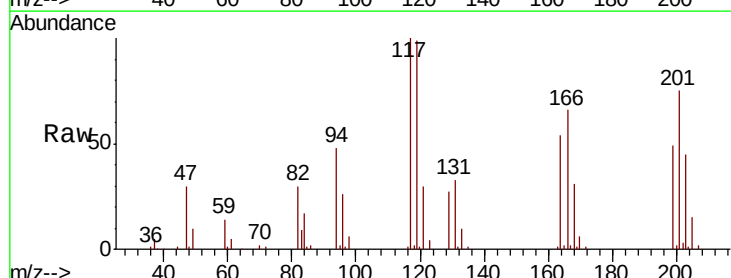
Manual Integrations
APPROVED

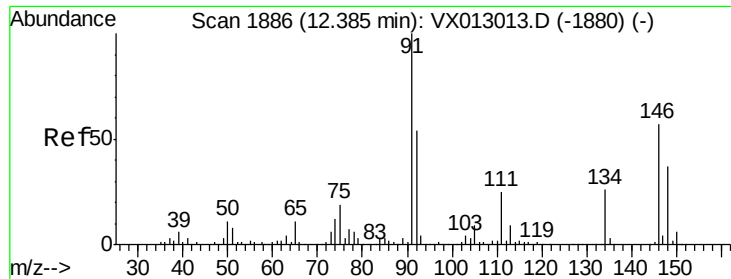
MMDadoda
10/18/2019 10:05:36 AM



#90
Hexachloroethane
Concen: 18.511 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.6	36.9	110.7





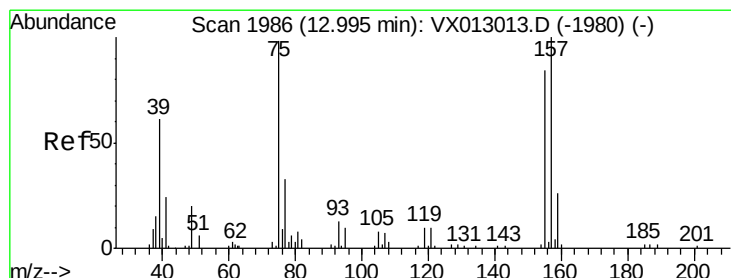
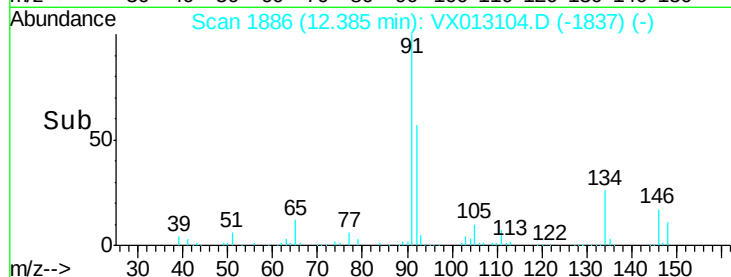
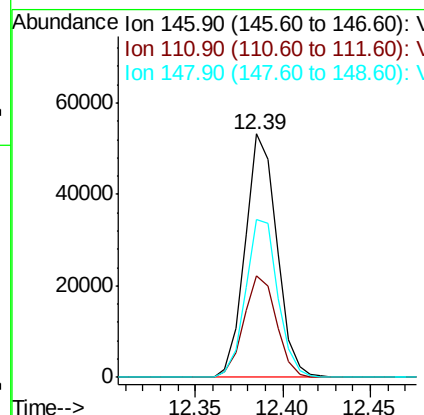
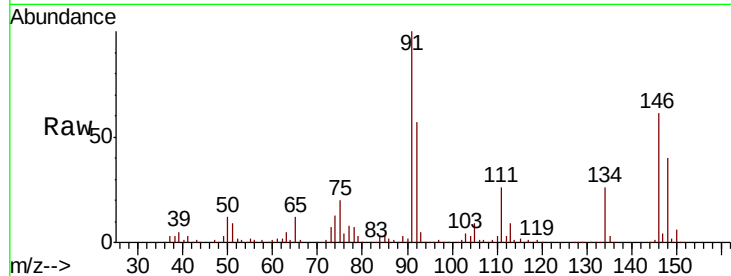
#91
1,2-Dichlorobenzene
Concen: 19.734 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	22.7	68.0
148	65.8	31.6	94.7

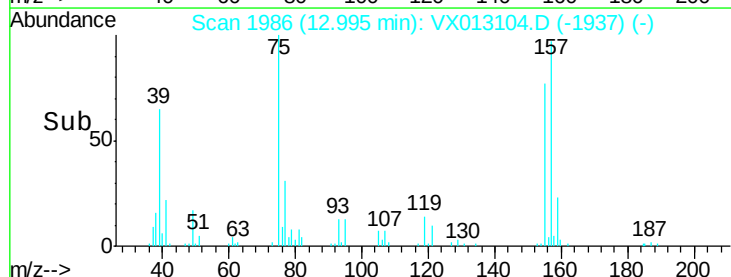
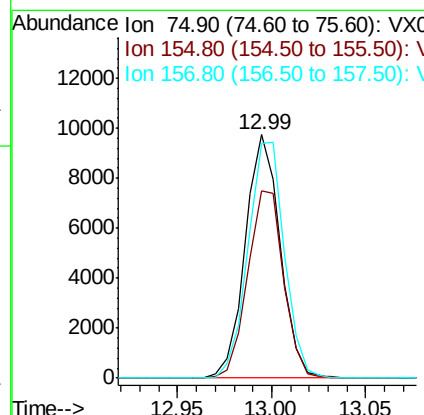
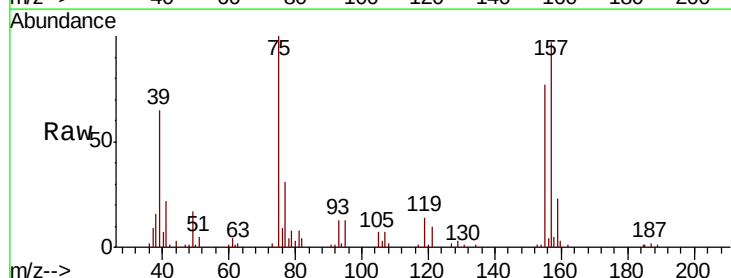
Manual Integrations
APPROVED

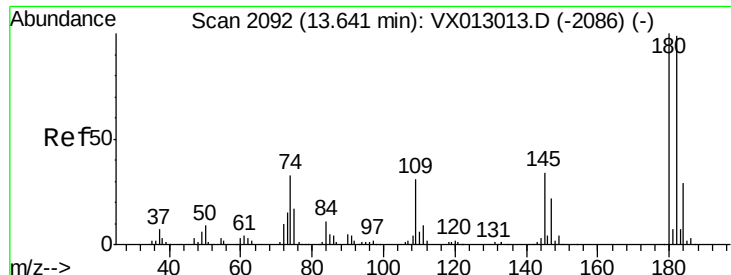
MMDadoda
10/18/2019 10:05:36 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.309 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.5	43.0	128.8
157	101.0	54.1	162.3





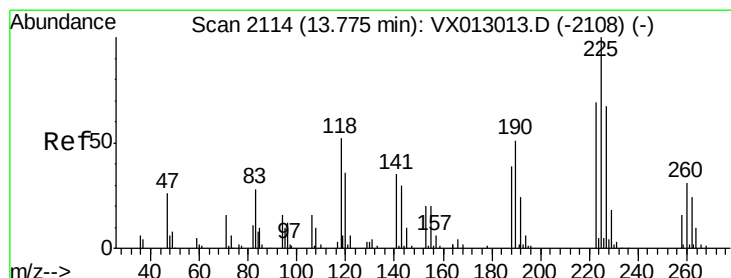
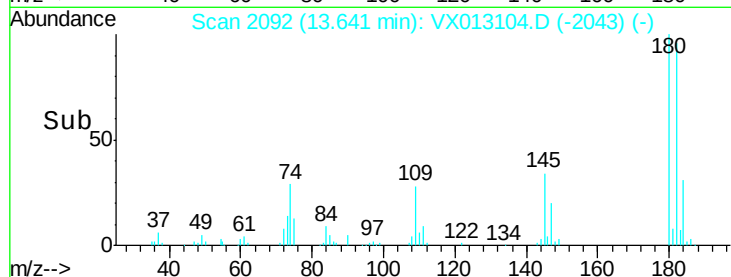
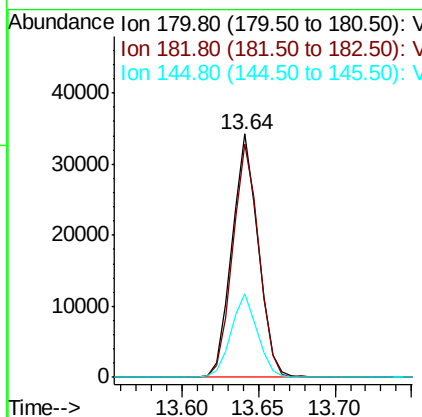
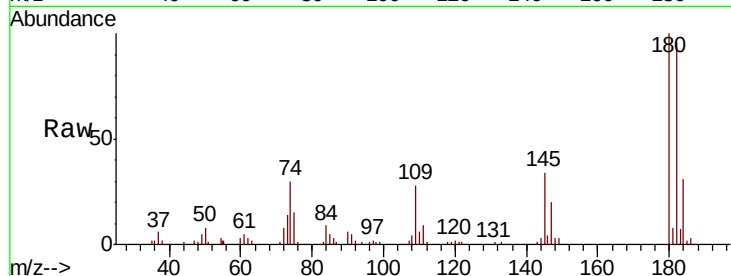
#93
 1,2,4-Trichlorobenzene
 Concen: 19.142 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013104.D
 Acq: 17 Oct 2019 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.8	140.4
145	34.3	16.2	48.6

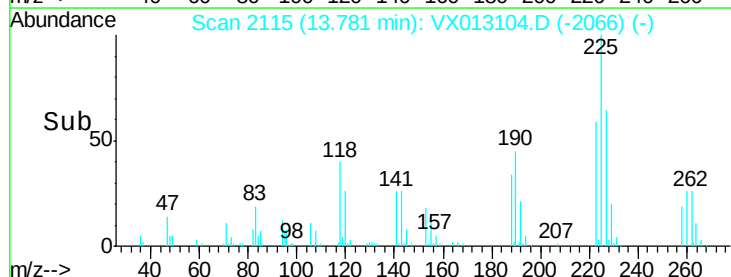
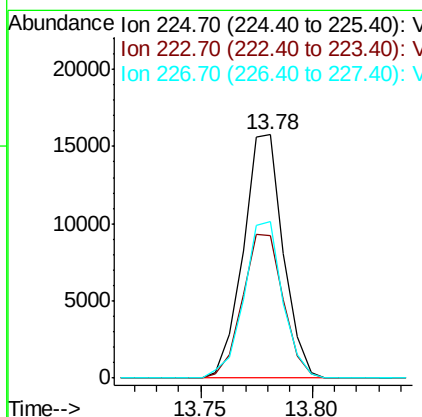
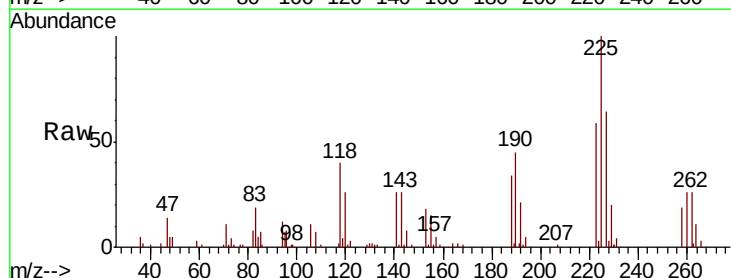
Manual Integrations
 APPROVED

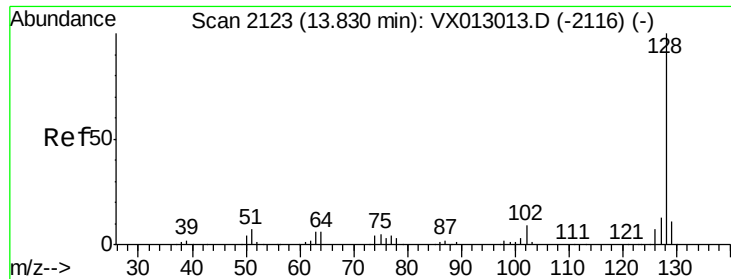
MMDadoda
 10/18/2019 10:05:36 AM



#94
 Hexachlorobutadiene
 Concen: 20.170 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX013104.D
 Acq: 17 Oct 2019 14:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	31.1	93.2
227	62.5	32.3	96.9





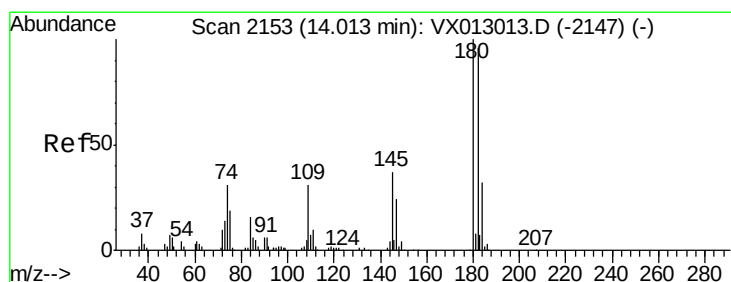
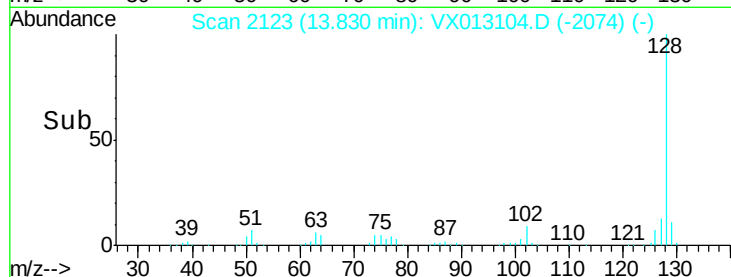
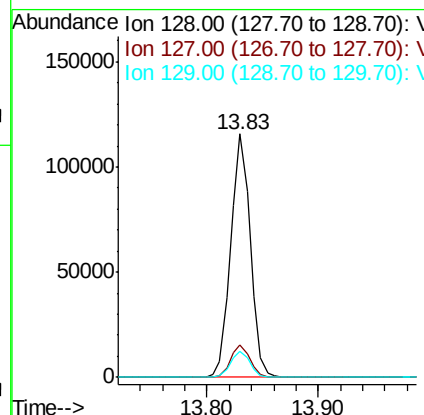
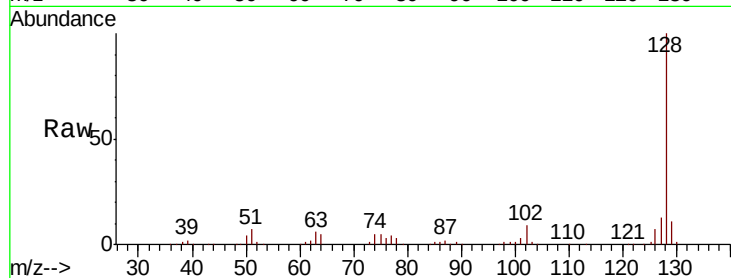
#95
Naphthalene
Concen: 19.138 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX1017MBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.6	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:36 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.444 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013104.D
Acq: 17 Oct 2019 14:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.5	142.5
145	34.1	17.4	52.3

