

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
 Data File : VX013120.D
 Acq On : 17 Oct 2019 20:14
 Operator : JC/SP
 Sample : K5396-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMSD

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 10:05:15 AM

Quant Time: Oct 18 08:30:57 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	147631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	242751	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	222330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106600	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	93238	50.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.06%	
35) Dibromofluoromethane	5.49	113	75607	54.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.54%	
50) Toluene-d8	8.71	98	276652	50.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.14	95	109474	51.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	66358	44.097	ug/l	97
3) Chloromethane	1.32	50	70523	43.062	ug/l	97
4) Vinyl Chloride	1.40	62	74901	44.310	ug/l	98
5) Bromomethane	1.63	94	33041	47.022	ug/l	97
6) Chloroethane	1.71	64	46985	45.537	ug/l	100
7) Trichlorofluoromethane	1.92	101	117214	51.375	ug/l	98
8) Diethyl Ether	2.18	74	44766	48.610	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	73011	49.446	ug/l	99
10) Methyl Iodide	2.50	142	94537	55.852	ug/l	100
11) Tert butyl alcohol	3.04	59	113052	231.121	ug/l	99
12) 1,1-Dichloroethene	2.36	96	72194	48.391	ug/l	95
13) Acrolein	2.28	56	96775	278.397	ug/l	99
14) Allyl chloride	2.72	41	121708	45.809	ug/l	98
15) Acrylonitrile	3.13	53	230593	248.761	ug/l	99
16) Acetone	2.44	43	197924	203.499	ug/l	98
17) Carbon Disulfide	2.56	76	172948	40.656	ug/l	99
18) Methyl Acetate	2.76	43	106665	46.269	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	271572	52.712	ug/l	96
20) Methylene Chloride	2.84	84	84116	47.059	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	77886	48.708	ug/l	96
22) Diisopropyl ether	3.84	45	252496	49.596	ug/l	94
23) Vinyl Acetate	3.80	43	1042043	237.102	ug/l	100
24) 1,1-Dichloroethane	3.69	63	146330	51.092	ug/l	100
25) 2-Butanone	4.66	43	308485	228.617	ug/l	99
26) 2,2-Dichloropropane	4.57	77	103648	43.036	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	102780	55.763	ug/l	95
28) Bromochloromethane	5.00	49	43787	51.167	ug/l	93
29) Tetrahydrofuran	5.12	42	198836	239.462	ug/l	97
30) Chloroform	5.20	83	149810	50.977	ug/l	99
31) Cyclohexane	5.57	56	120238	44.896	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	136179	54.689	ug/l	99
36) 1,1-Dichloropropene	5.79	75	108761	50.959	ug/l	99
37) Ethyl Acetate	4.82	43	125643	52.647	ug/l	98
38) Carbon Tetrachloride	5.78	117	110175	53.035	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	125560	48.510	ug/l	96
40) Benzene	6.13	78	330253	52.391	ug/l	99
41) Methacrylonitrile	5.03	41	66645	50.821	ug/l	98
42) 1,2-Dichloroethane	6.18	62	121072	53.526	ug/l	100
43) Isopropyl Acetate	6.43	43	191668	50.038	ug/l	98
44) Trichloroethene	7.21	130	122129	69.868	ug/l	100
45) 1,2-Dichloropropane	7.51	63	84638	52.682	ug/l	99
46) Dibromomethane	7.65	93	59118	55.230	ug/l	99
47) Bromodichloromethane	7.89	83	117090	56.053	ug/l	97
48) Methyl methacrylate	7.76	41	95400	51.108	ug/l	98
49) 1,4-Dioxane	7.73	88	48367	966.771	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	614002	257.097	ug/l	98
52) Toluene	8.78	92	214813	53.267	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	126293	48.514	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	136811	53.251	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	87094	54.572	ug/l	98
56) Ethyl methacrylate	9.17	69	140809	49.298	ug/l	98
57) 1,3-Dichloropropane	9.37	76	146958	53.232	ug/l	100
59) 2-Hexanone	9.49	43	479649	258.005	ug/l	99
60) Dibromochloromethane	9.58	129	91394	51.406	ug/l	99
61) 1,2-Dibromoethane	9.67	107	91135	54.284	ug/l	100
64) Tetrachloroethene	9.33	164	81376	52.770	ug/l	98
65) Chlorobenzene	10.14	112	228509	51.756	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	86117	56.255	ug/l	100
67) Ethyl Benzene	10.25	91	407886	52.009	ug/l	99
68) m/p-Xylenes	10.35	106	307553	104.973	ug/l	100
69) o-Xylene	10.70	106	151943	53.181	ug/l	99
70) Stvrene	10.71	104	260056	53.541	ug/l	99
71) Bromoform	10.85	173	63201	48.559	ug/l #	98
73) Isopropylbenzene	11.01	105	401732	51.258	ug/l	99
74) N-amyl acetate	10.89	43	165004	48.884	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	138305	53.057	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	109247m	46.205	ug/l	
77) Bromobenzene	11.25	156	94804	51.332	ug/l	99
78) n-propylbenzene	11.35	91	450099	52.191	ug/l	99
79) 2-Chlorotoluene	11.42	91	280329	51.722	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	343360	52.467	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	39981	44.015	ug/l	98
82) 4-Chlorotoluene	11.51	91	320281	51.556	ug/l	99
83) tert-Butylbenzene	11.76	119	333977	52.316	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	344153	51.925	ug/l	100
85) sec-Butylbenzene	11.94	105	383430	51.843	ug/l	99
86) p-Isopropyltoluene	12.06	119	355186	51.781	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	178093	51.927	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	175605	50.556	ug/l	100
89) n-Butylbenzene	12.39	91	292347	50.711	ug/l	98
90) Hexachloroethane	12.59	117	61090	48.167	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	181757	54.058	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31910	52.228	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	109066	51.783	ug/l	99

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QLast Update : Wed Oct 16 07:26:22 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	47661	49.033	ug/l	98
95) Naphthalene	13.83	128	361195	49.470	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	107463	49.373	ug/l	98

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

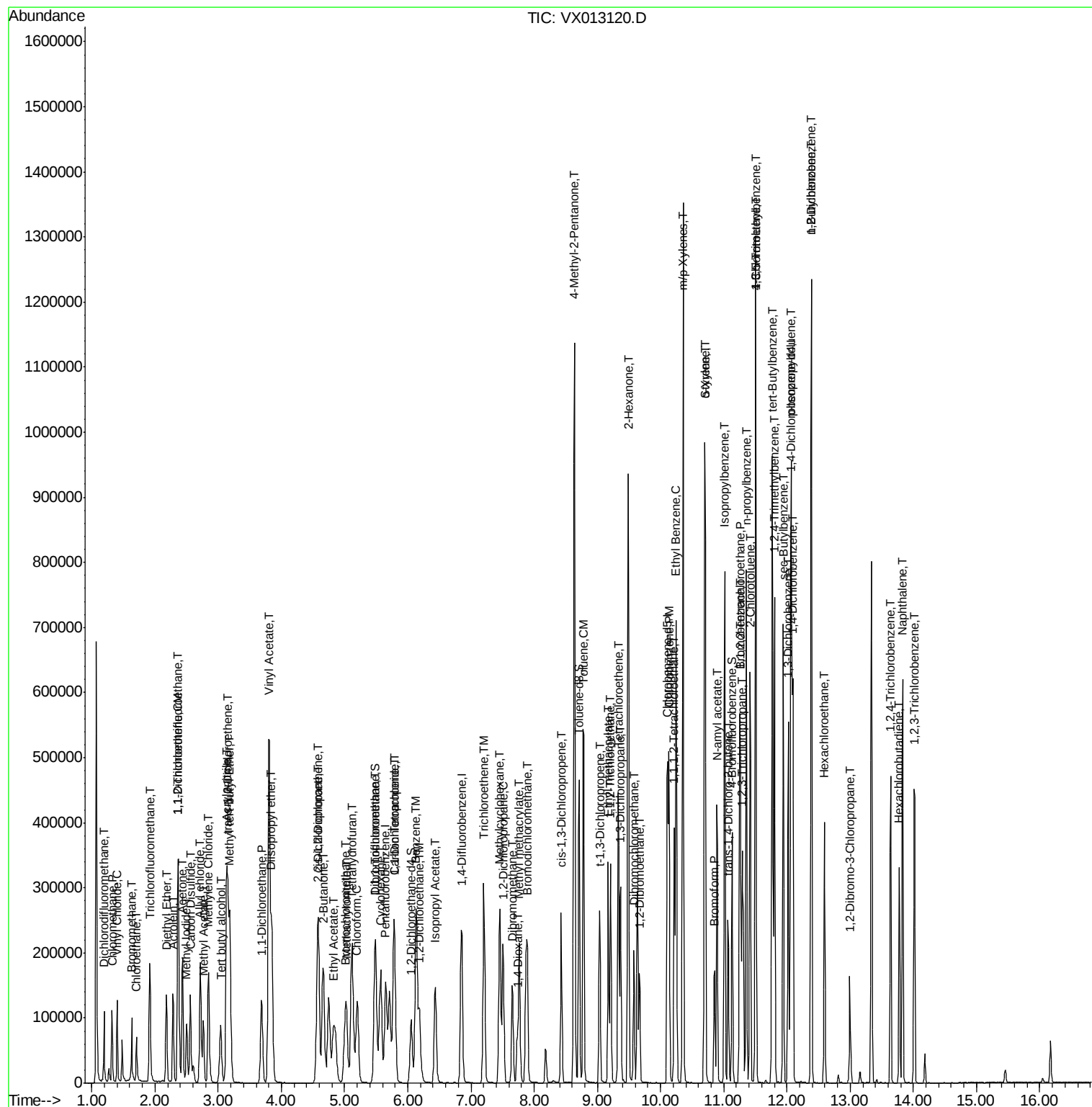
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 Data File : VX013120.D
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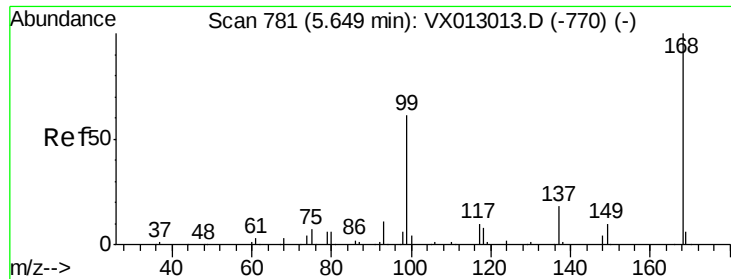
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

Tot Ion:168 Resp: 147631

Ion Ratio Lower Upper

168 100

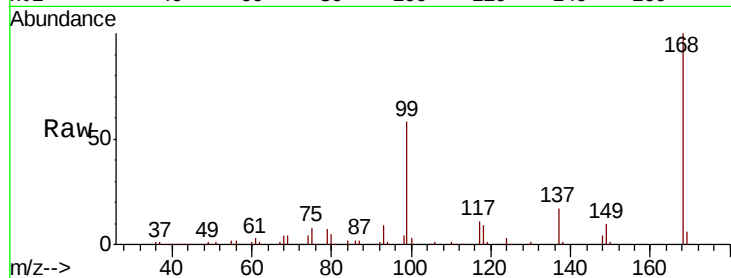
99 58.0 49.4 74.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

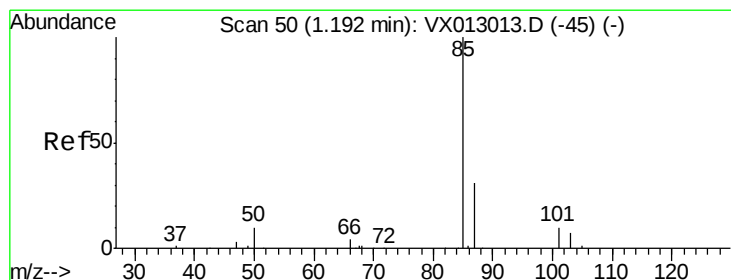
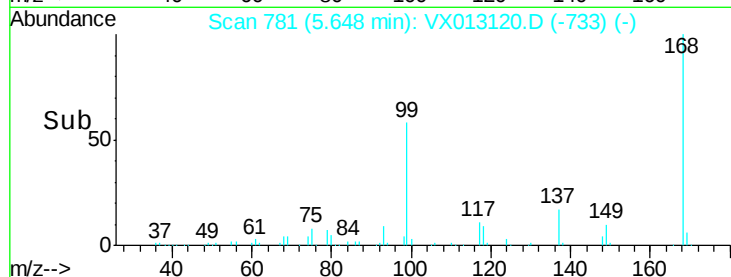
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.097 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX013120.D

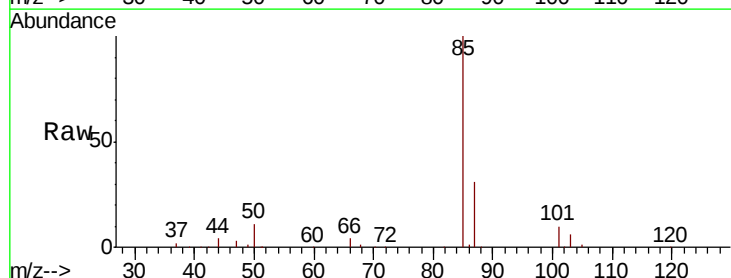
Acq: 17 Oct 2019 20:14

Tgt Ion: 85 Resp: 66358

Ion Ratio Lower Upper

85 100

87 31.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

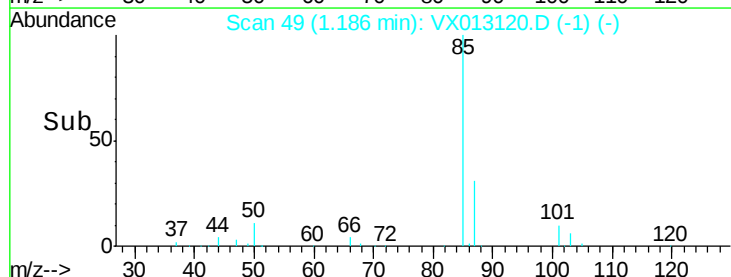
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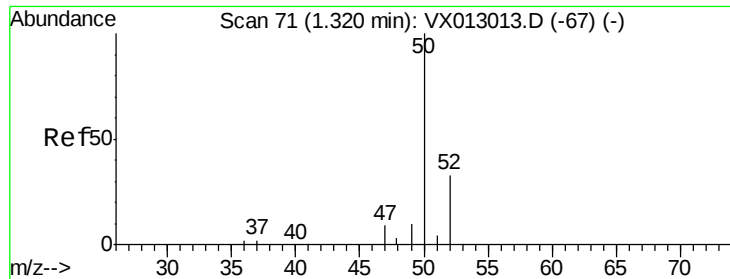
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20000

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Time-->





#3

Chloromethane

Concen: 43.062 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

Tot Ion: 50 Resp: 70523

Ion Ratio Lower Upper

50 100

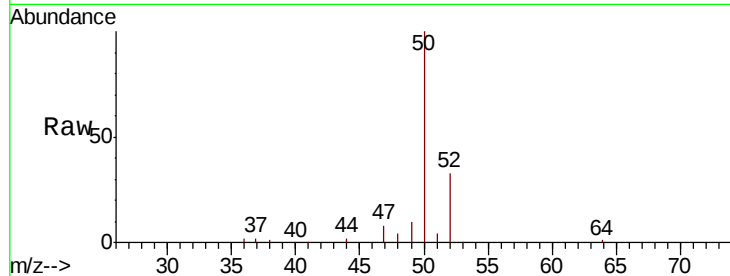
52 33.1 25.2 37.8

Manual Integrations

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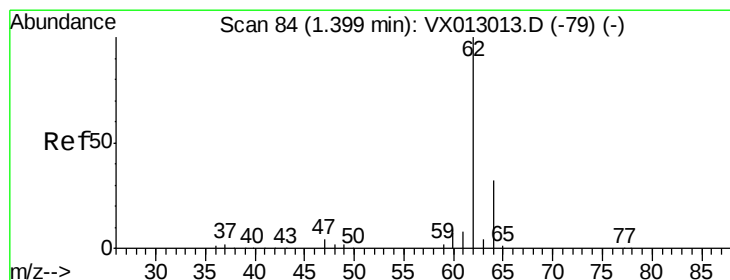
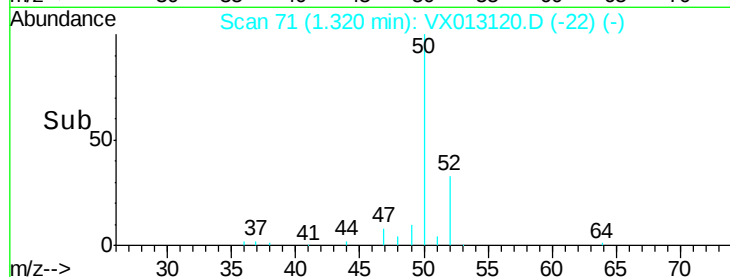
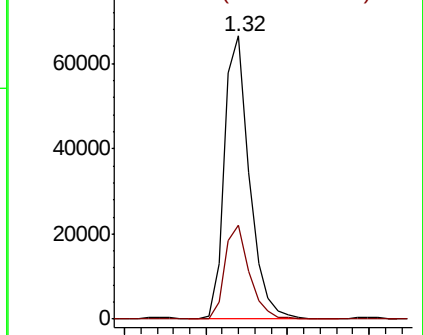
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.310 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013120.D

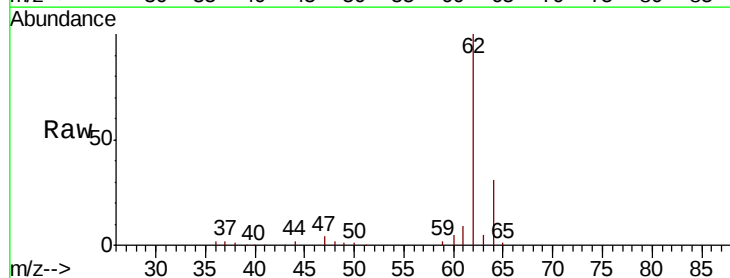
Acq: 17 Oct 2019 20:14

Tgt Ion: 62 Resp: 74901

Ion Ratio Lower Upper

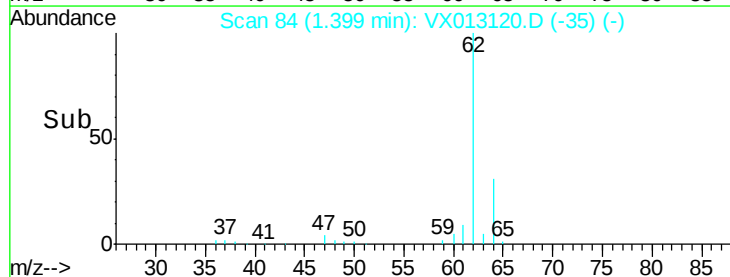
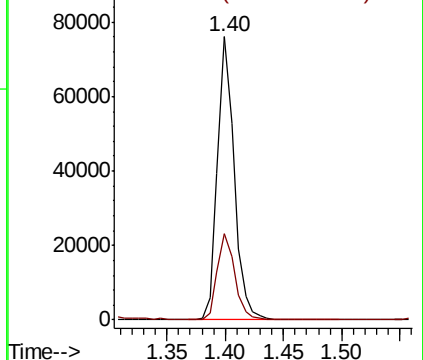
62 100

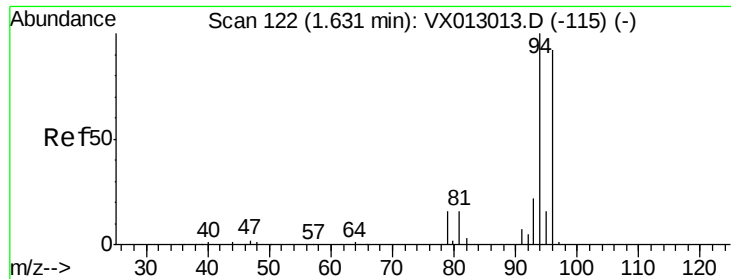
64 30.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.022 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

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Tot Ion: 94 Resp: 33041

Ion Ratio Lower Upper

94 100

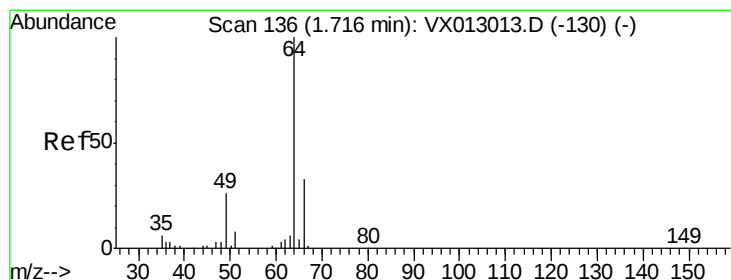
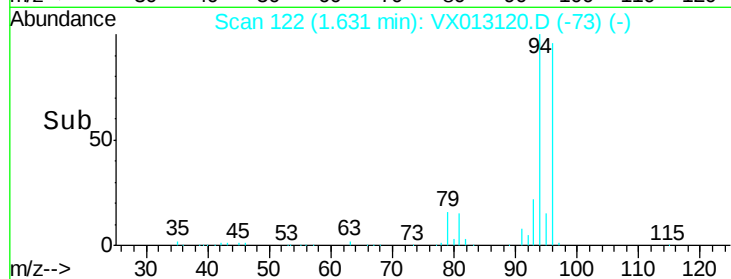
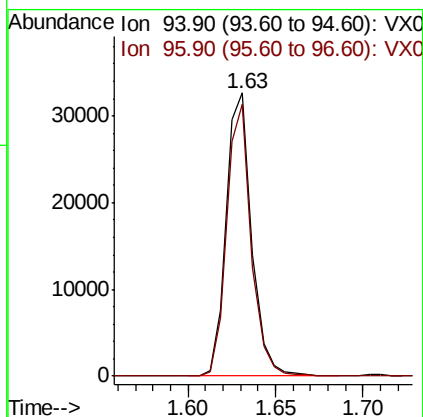
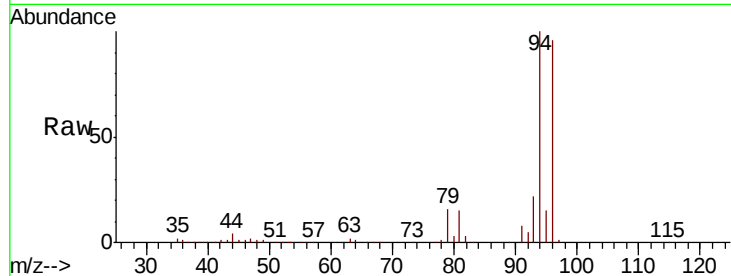
96 96.1 74.7 112.1

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#6

Chloroethane

Concen: 45.537 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013120.D

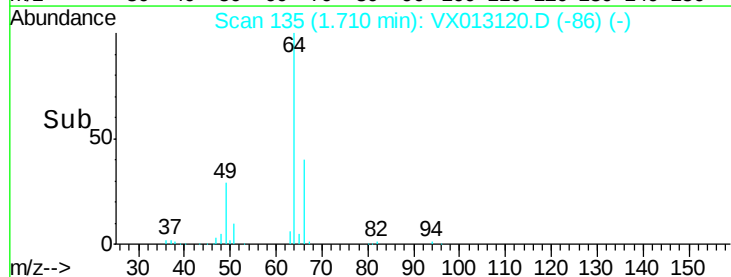
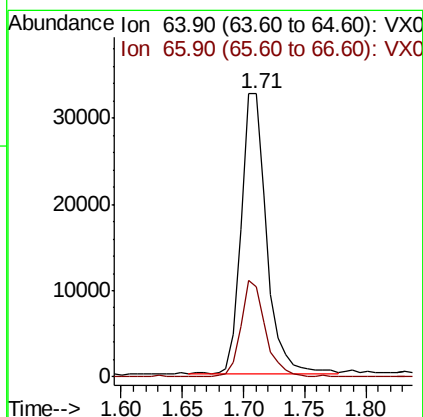
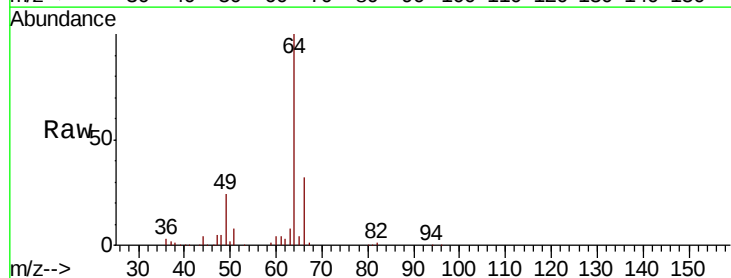
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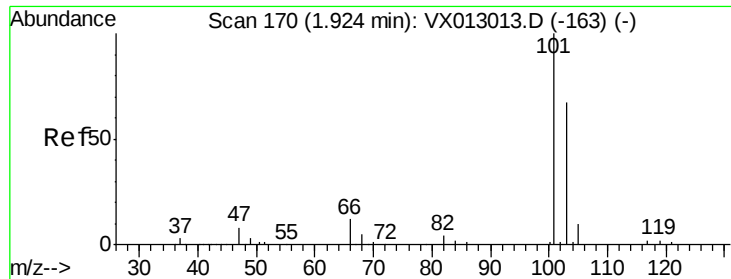
Tgt Ion: 64 Resp: 46985

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4





#7

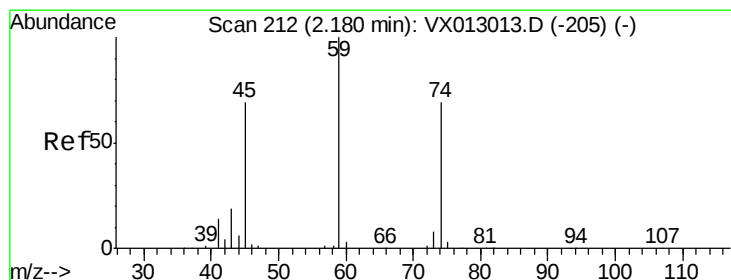
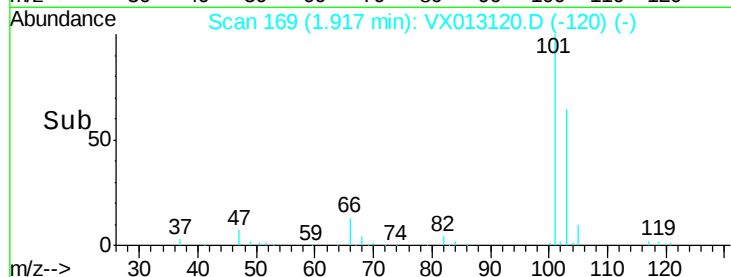
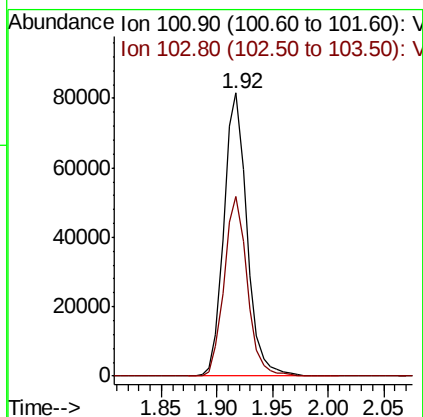
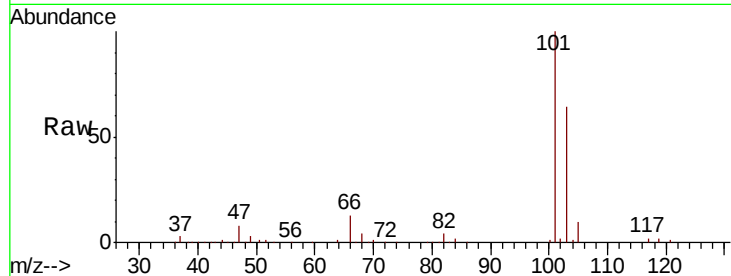
Trichlorofluoromethane
Concen: 51.375 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Instrument :
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Tot Ion:101 Resp: 117214
Ion Ratio Lower Upper
101 100
103 63.6 52.5 78.7

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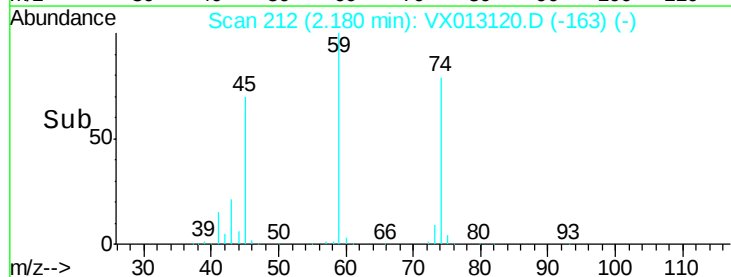
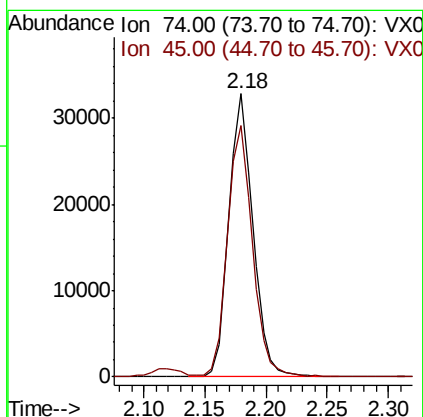
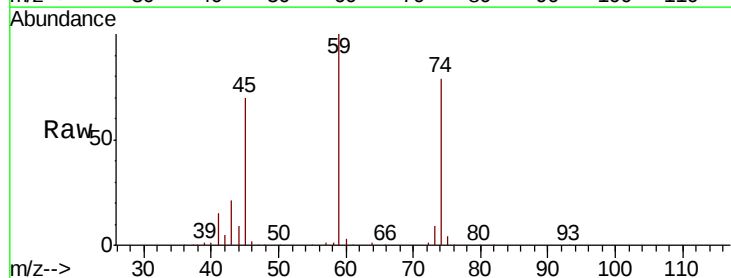
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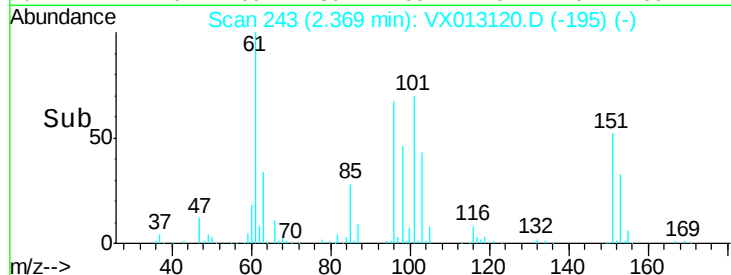
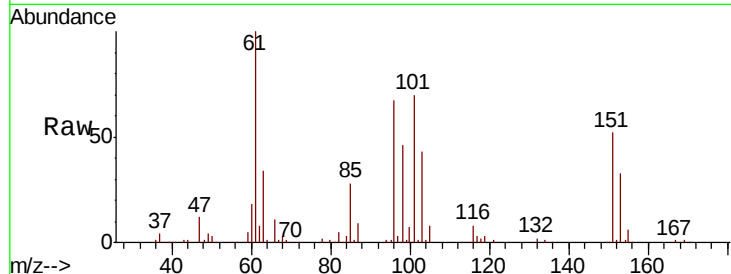
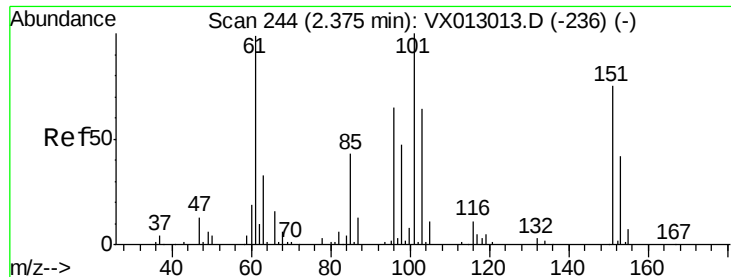


#8

Diethyl Ether
Concen: 48.610 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion: 74 Resp: 44766
Ion Ratio Lower Upper
74 100
45 91.9 47.8 143.4





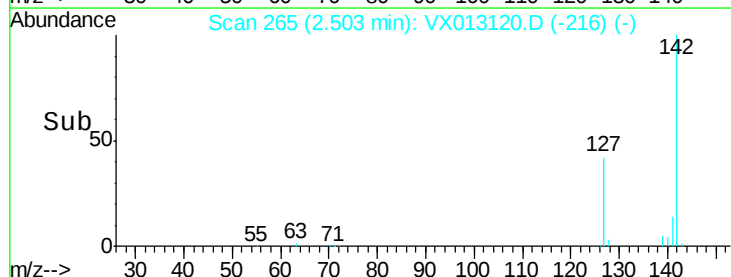
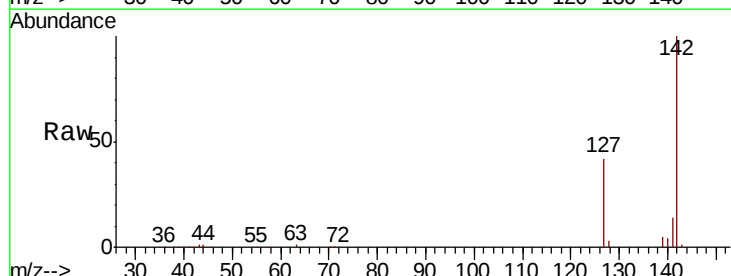
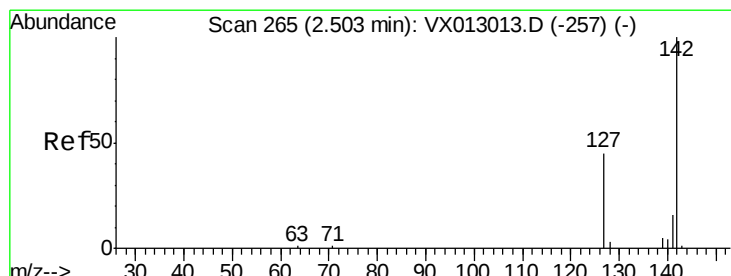
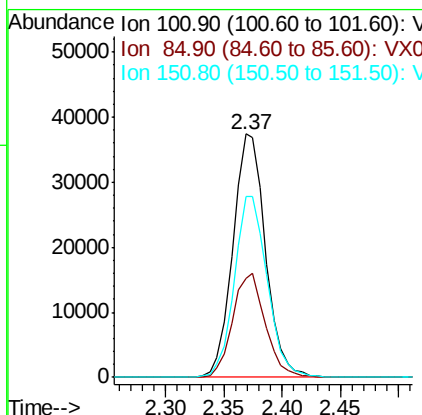
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.446 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.01 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tot Ion	Ratio	Resp	Lower	Upper
101	100	73011		
85	42.8		35.2	52.8
151	75.4		60.3	90.5

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

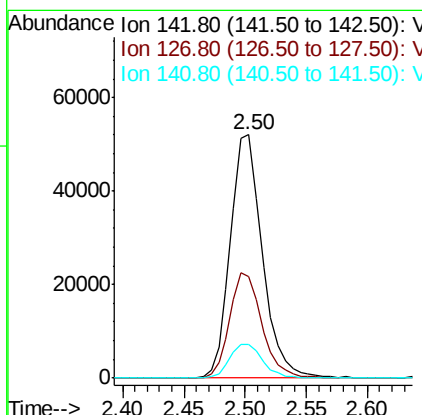
Manual Integrations
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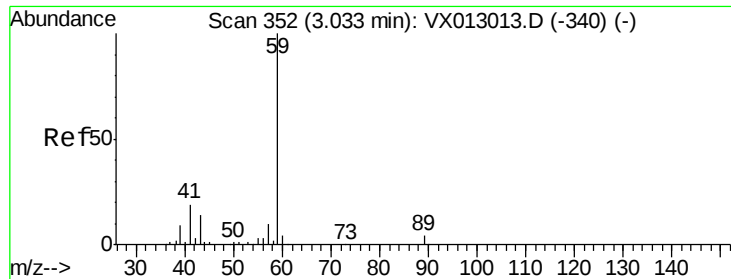
MMDadoda
10/18/2019 10:05:15 AM



#10
Methyl Iodide
Concen: 55.852 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	94537		
127	43.8		34.9	52.3
141	14.4		11.6	17.4





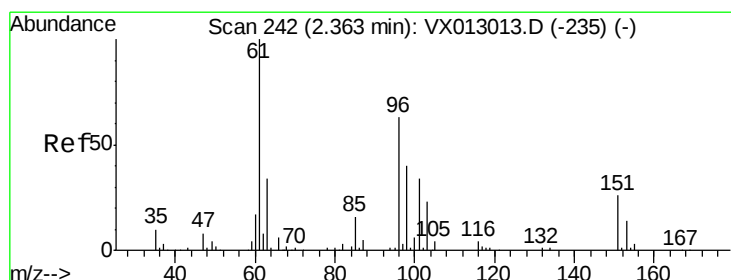
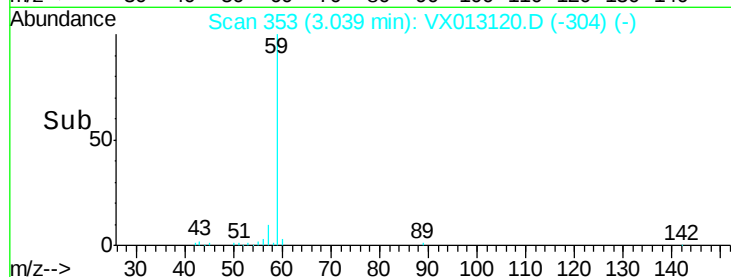
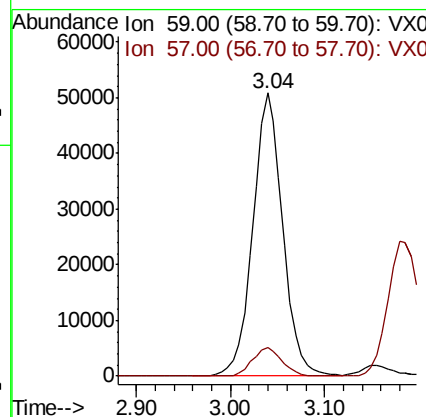
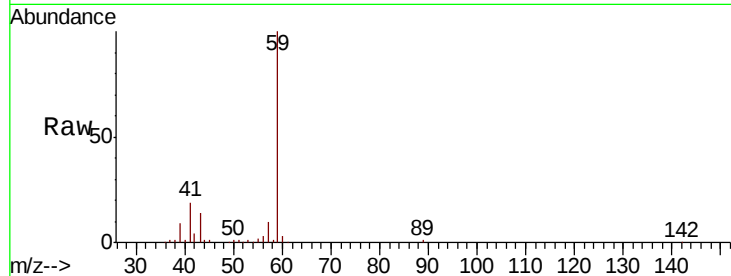
#11
Tert butyl alcohol
Concen: 231.121 ug/l
RT: 3.04 min Scan# 353
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5

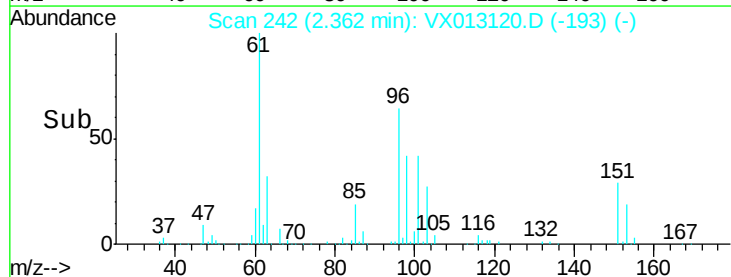
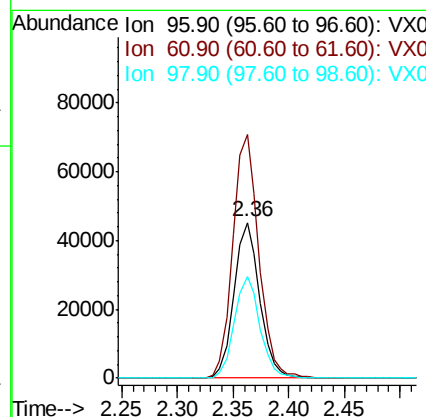
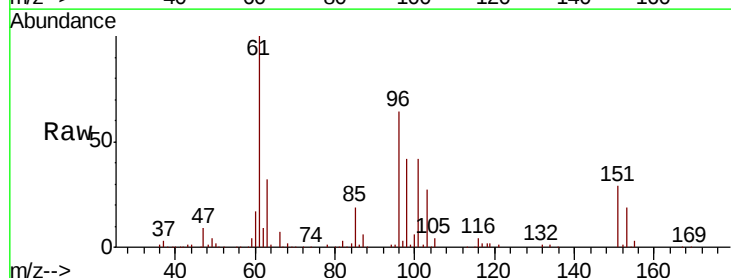
Manual Integrations
APPROVED

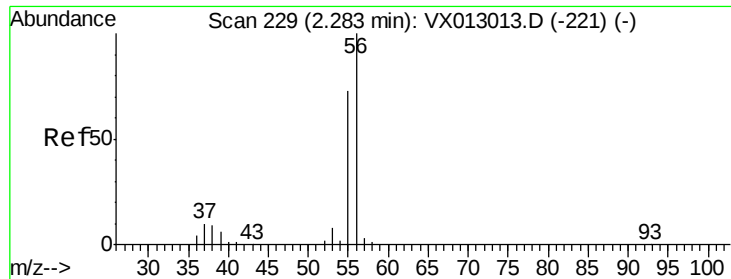
MMDadoda
10/18/2019 10:05:15 AM



#12
1,1-Dichloroethene
Concen: 48.391 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.5	132.2	198.4
98	65.1	50.5	75.7





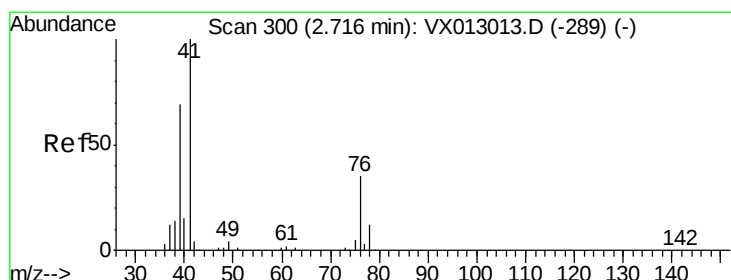
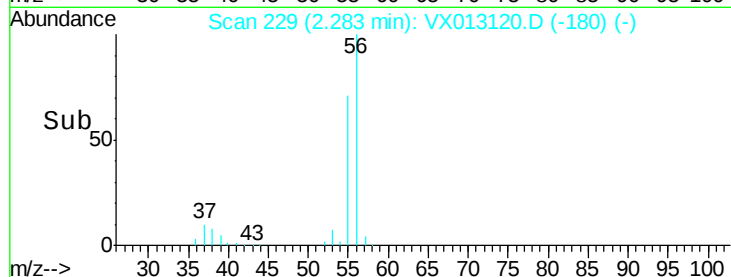
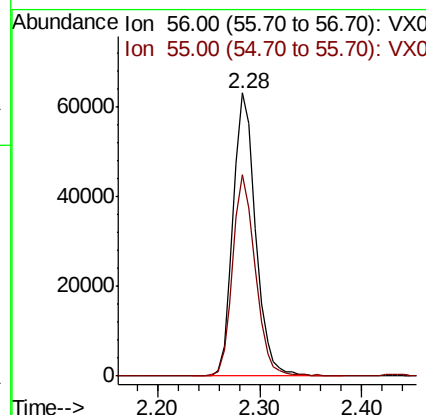
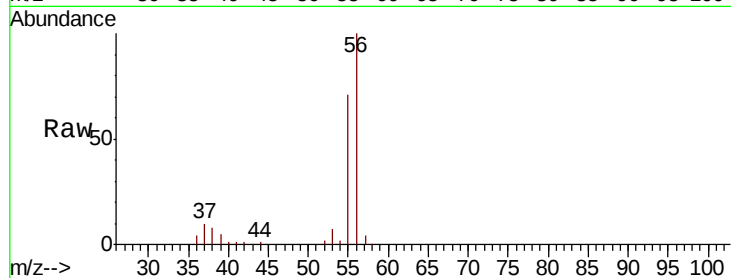
#13
Acrolein
Concen: 278.397 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

Tot Ion	56	Resp	96775
Ion	Ratio	Lower	Upper
56	100		
55	71.4	56.6	85.0

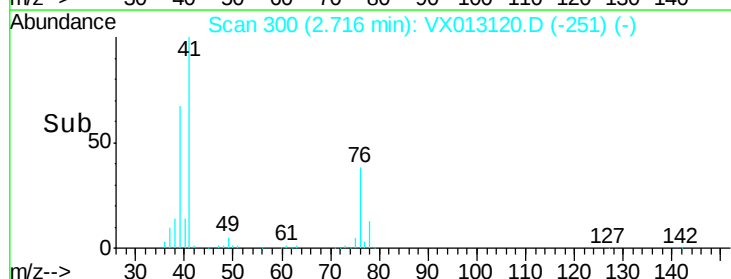
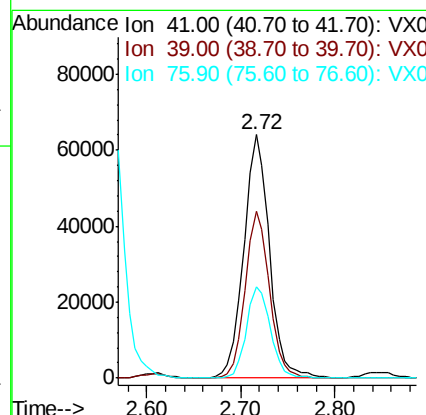
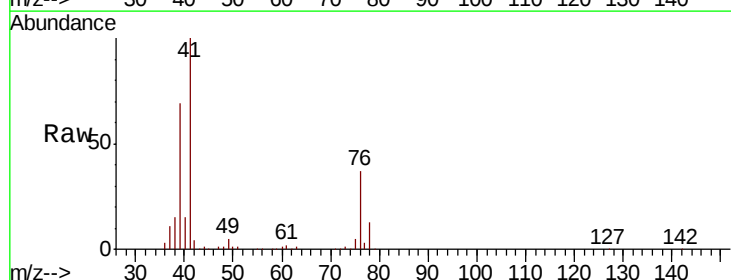
Manual Integrations
APPROVED

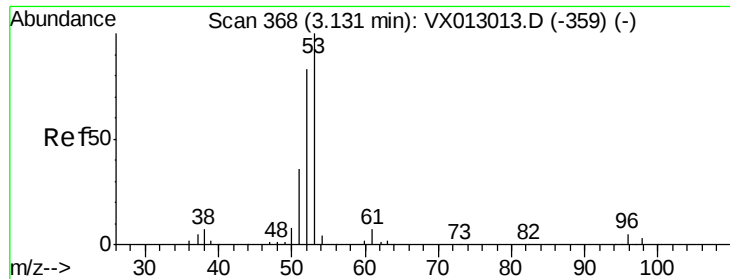
MMDadoda
10/18/2019 10:05:15 AM



#14
Allyl chloride
Concen: 45.809 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion	41	Resp	121708
Ion	Ratio	Lower	Upper
41	100		
39	64.7	51.0	76.6
76	35.2	26.2	39.4





#15

Acrylonitrile

Concen: 248.761 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

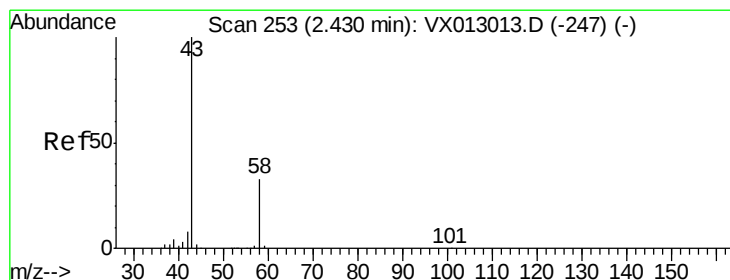
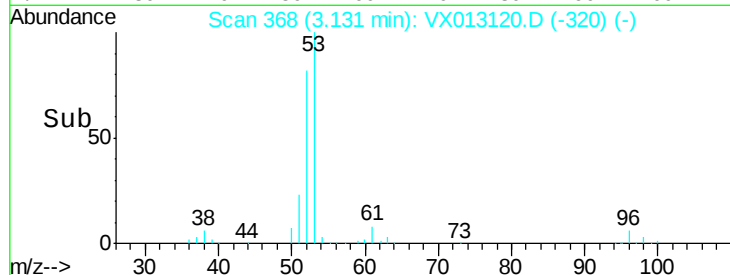
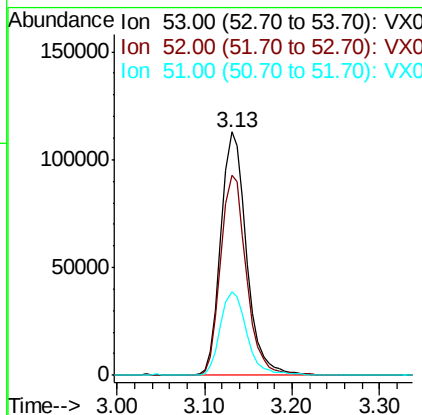
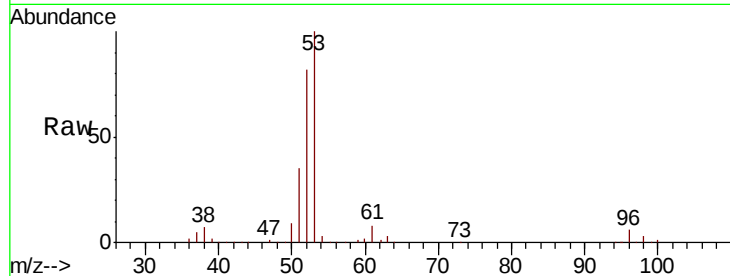
ClientSampleId :

FA19-JMW0301CMSD

Tot Ion:	53	Resp:	230593
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.2	99.2
51	36.1	28.2	42.4

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:15 AM



#16

Acetone

Concen: 203.499 ug/l

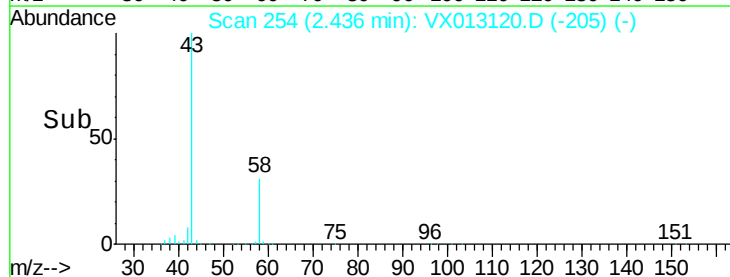
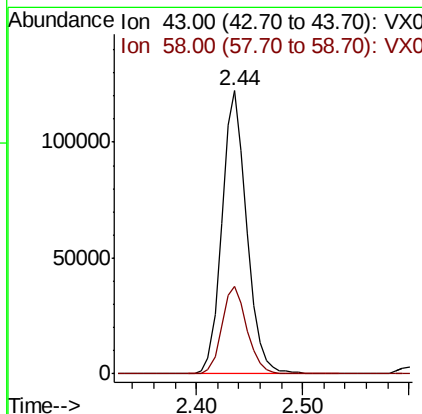
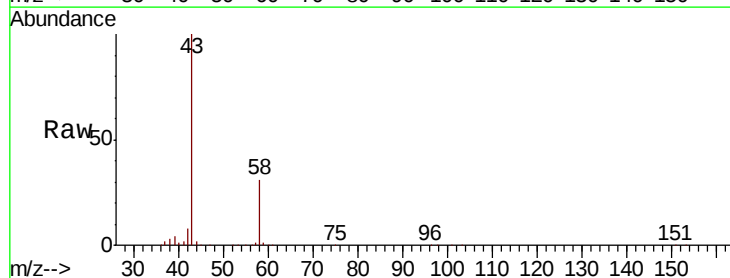
RT: 2.44 min Scan# 254

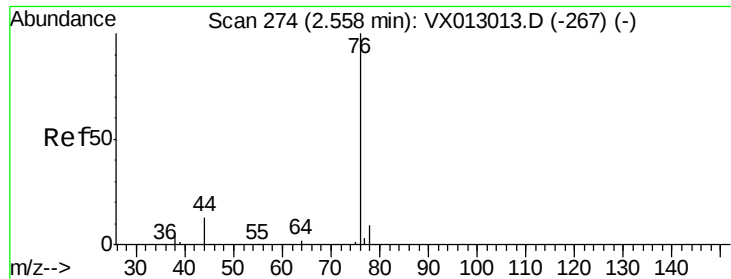
Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Tgt Ion:	43	Resp:	197924
Ion Ratio	Lower	Upper	
43	100		
58	31.0	25.4	38.2





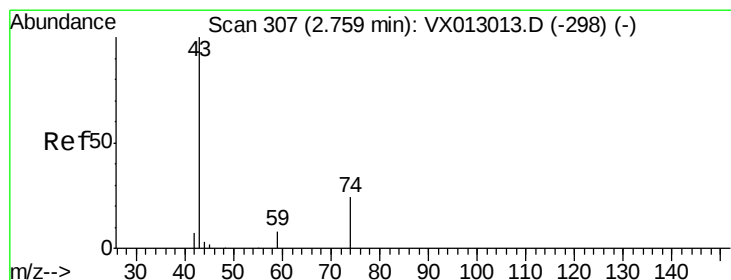
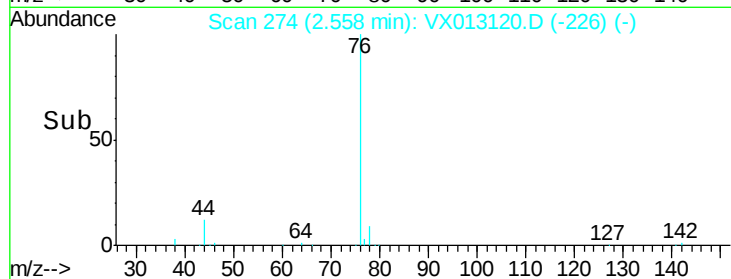
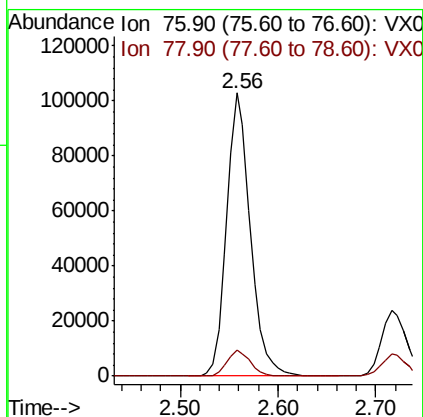
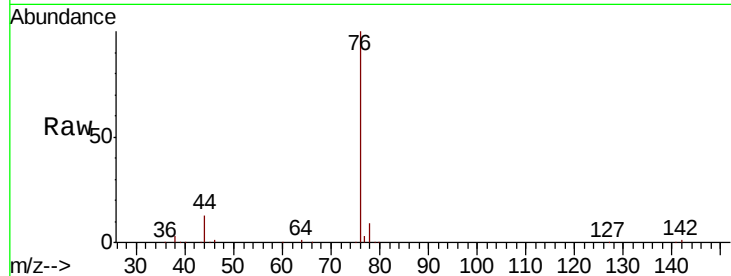
#17
Carbon Disulfide
Concen: 40.656 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.1	10.7

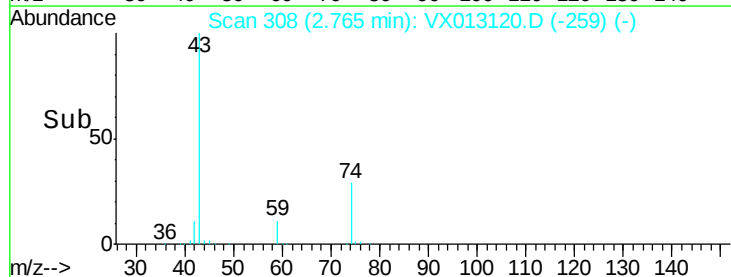
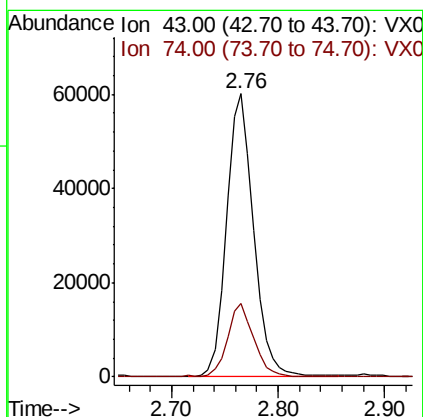
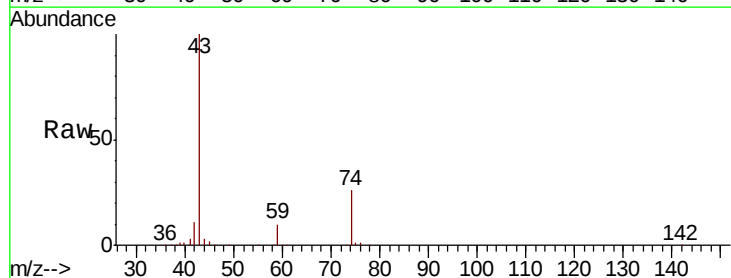
Manual Integrations
APPROVED

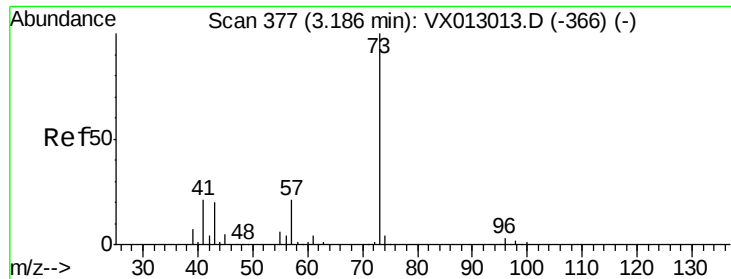
MMDadoda
10/18/2019 10:05:15 AM



#18
Methyl Acetate
Concen: 46.269 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.7	19.2	28.8





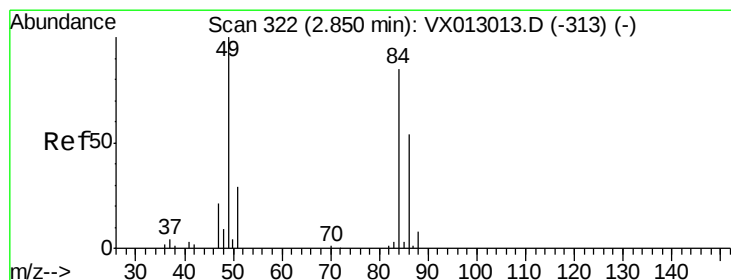
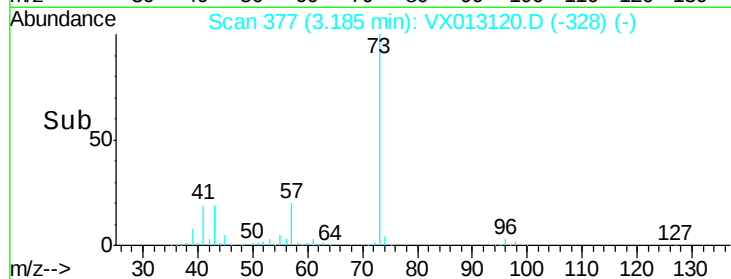
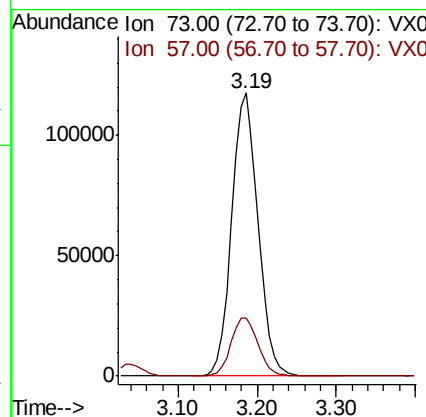
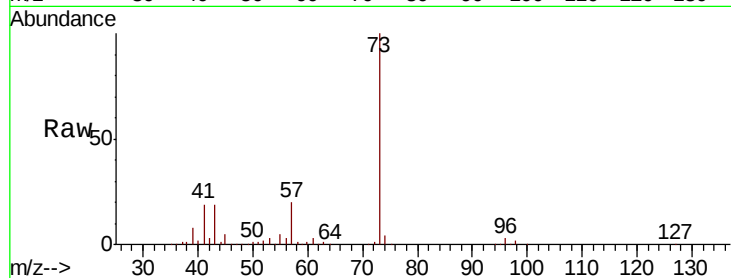
#19
Methyl tert-butyl Ether
Concen: 52.712 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

Tot Ion: 73 Resp: 271572
Ion Ratio Lower Upper
73 100
57 20.5 17.8 26.6

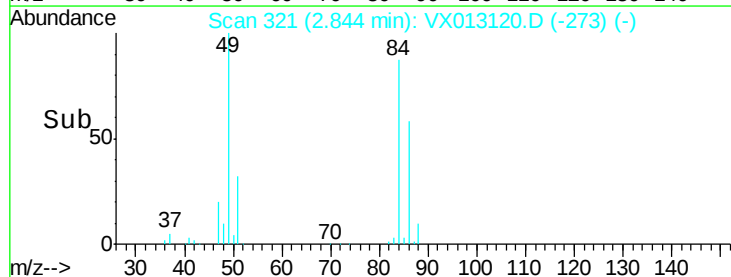
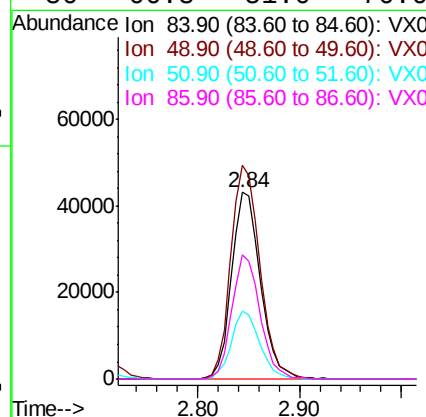
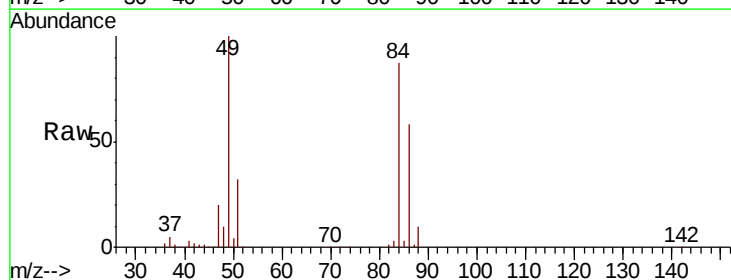
Manual Integrations
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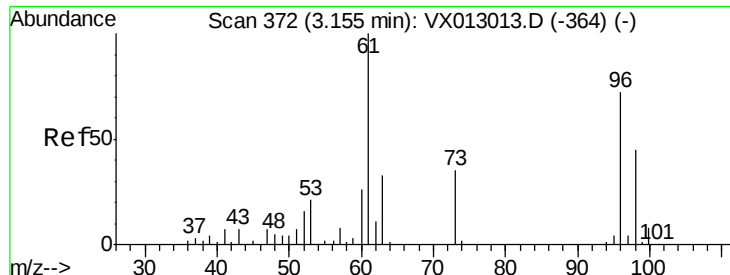
MMDadoda
10/18/2019 10:05:15 AM



#20
Methylene Chloride
Concen: 47.059 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion: 84 Resp: 84116
Ion Ratio Lower Upper
84 100
49 114.6 96.6 144.8
51 36.6 30.7 46.1
86 66.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 48.708 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

Tot Ion: 96 Resp: 77886

Ion Ratio Lower Upper

96 100

61 132.4 110.4 165.6

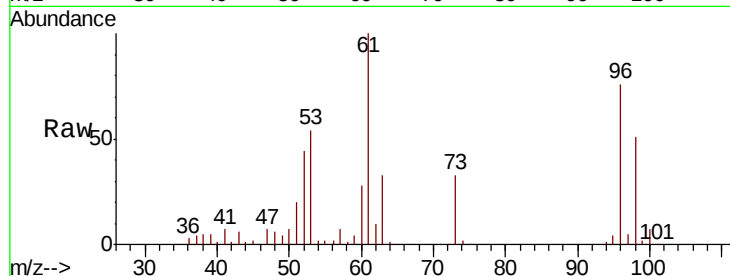
98 67.1 51.5 77.3

Manual Integrations

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MMDadoda

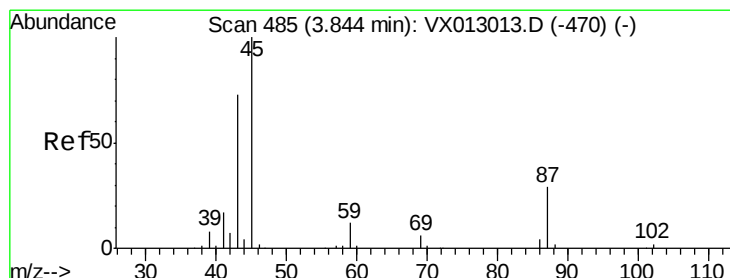
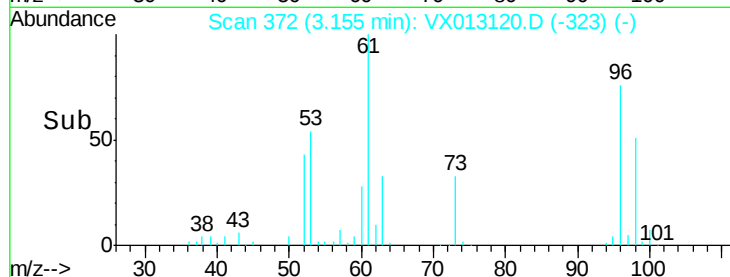
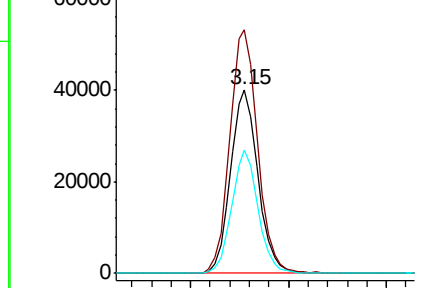
10/18/2019 10:05:15 AM



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: 49.596 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Tgt Ion: 45 Resp: 252496

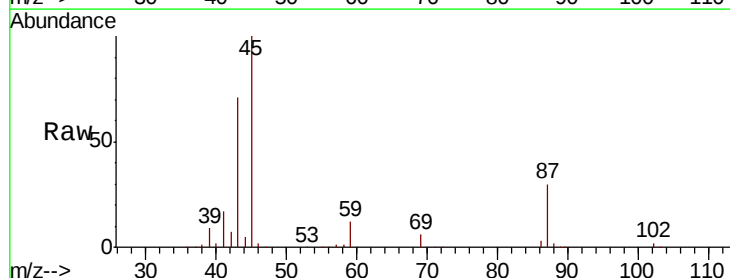
Ion Ratio Lower Upper

45 100

43 71.2 51.4 77.0

87 29.9 22.5 33.7

59 12.2 9.7 14.5

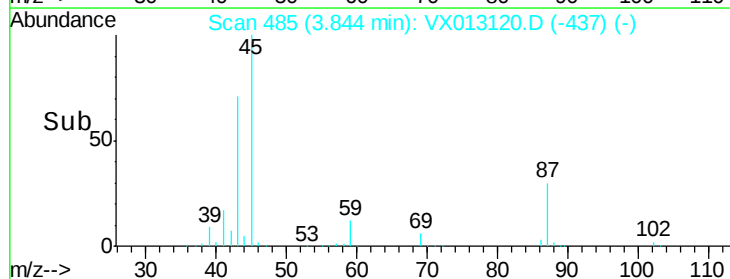
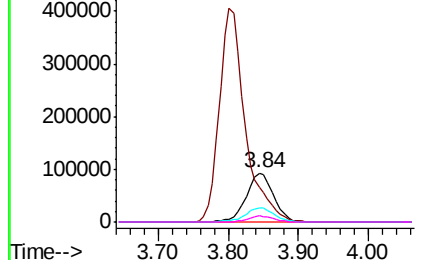


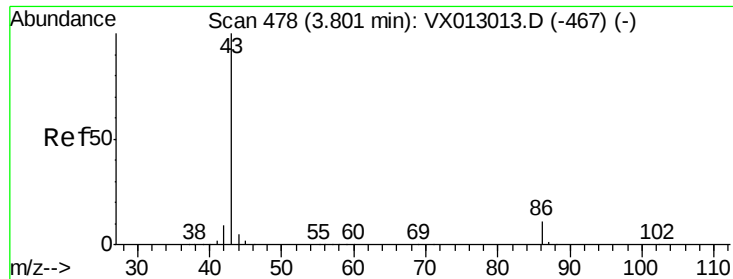
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 237.102 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

Tot Ion: 43 Resp: 1042043

Ion Ratio Lower Upper

43 100

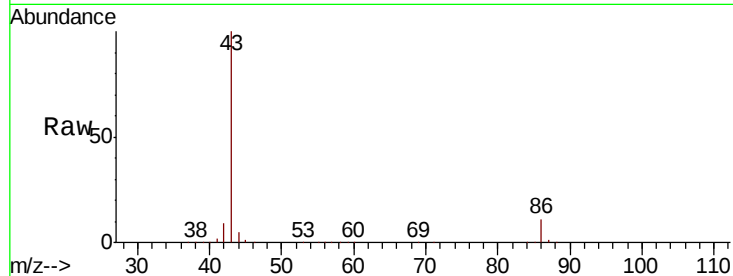
86 11.4 9.0 13.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

400000

300000

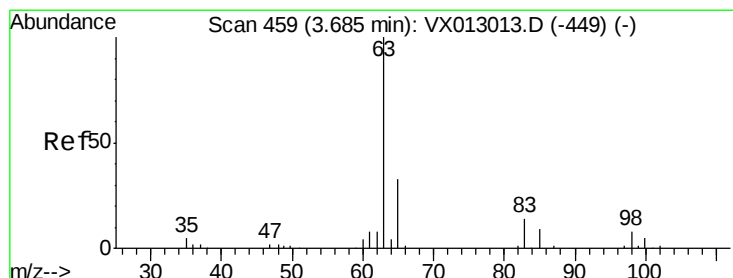
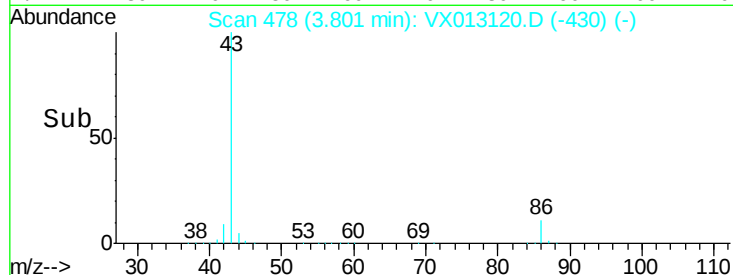
200000

100000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 51.092 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

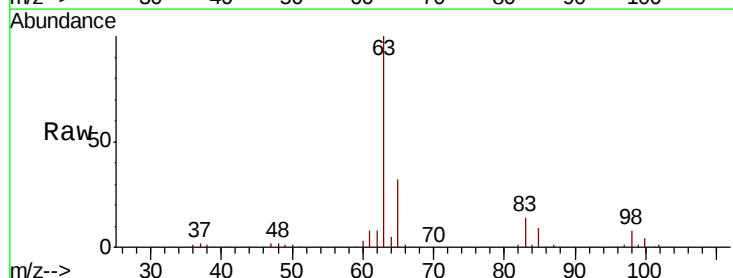
Tgt Ion: 63 Resp: 146330

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

100 4.4 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

80000

60000

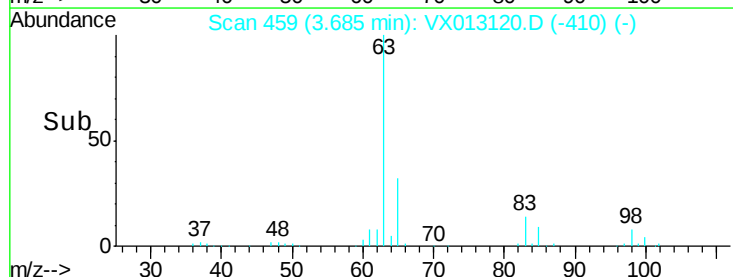
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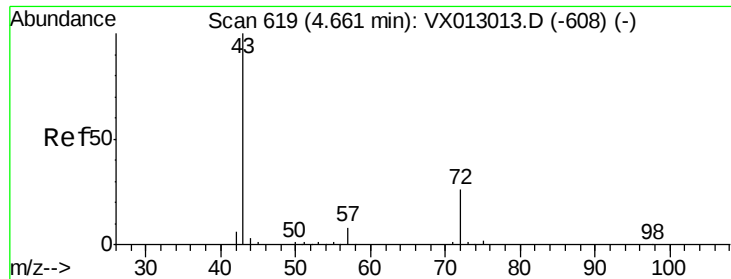
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 228.617 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

Tot Ion: 43 Resp: 308485

Ion Ratio Lower Upper

43 100

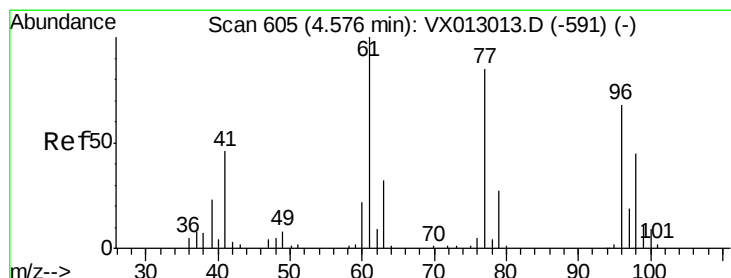
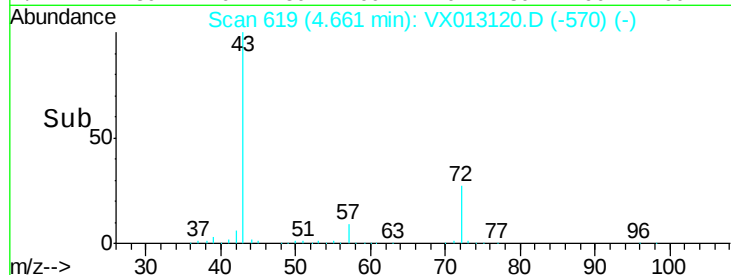
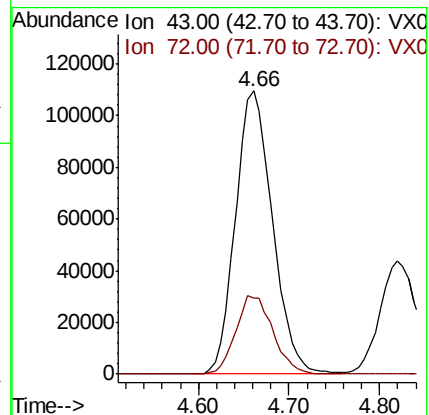
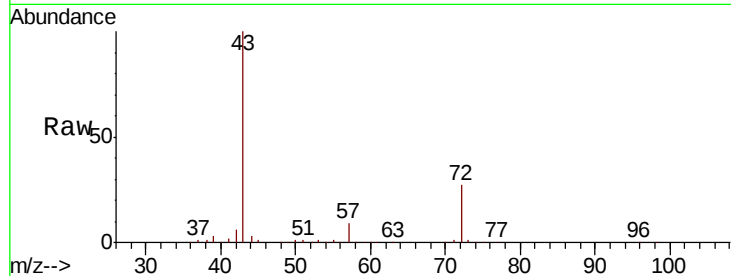
72 26.8 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 43.036 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX013120.D

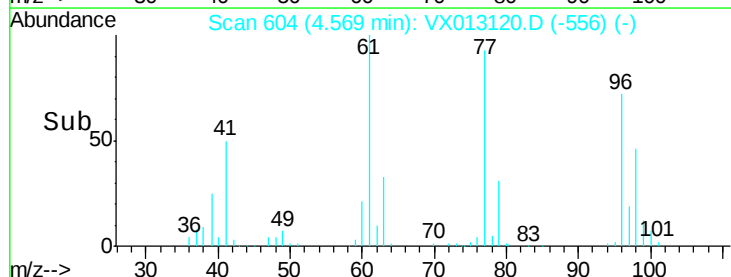
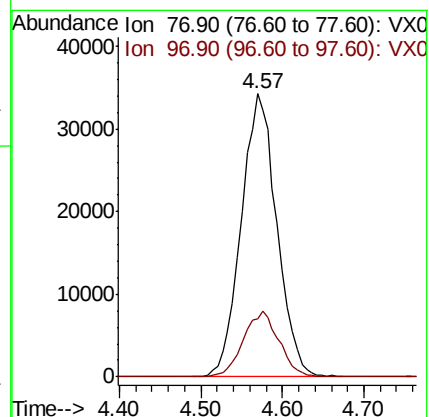
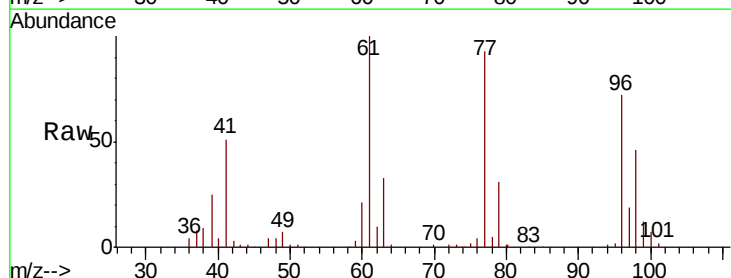
Acq: 17 Oct 2019 20:14

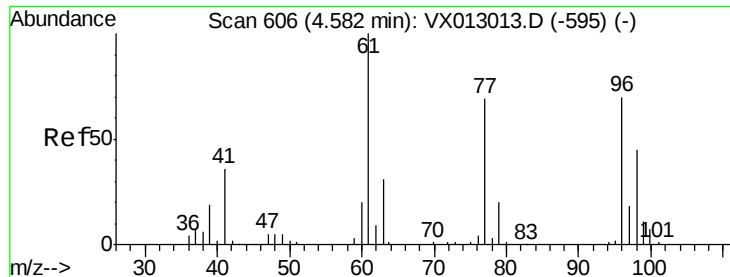
Tgt Ion: 77 Resp: 103648

Ion Ratio Lower Upper

77 100

97 23.1 11.3 33.9





#27

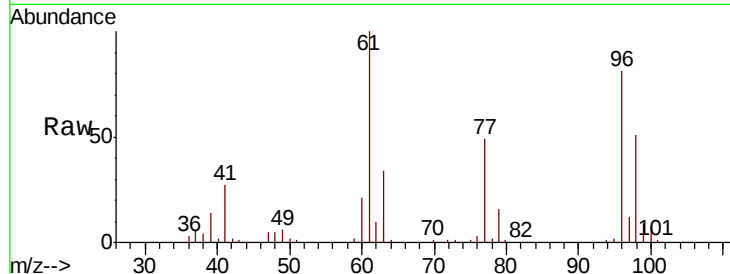
cis-1,2-Dichloroethene
Concen: 55.763 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

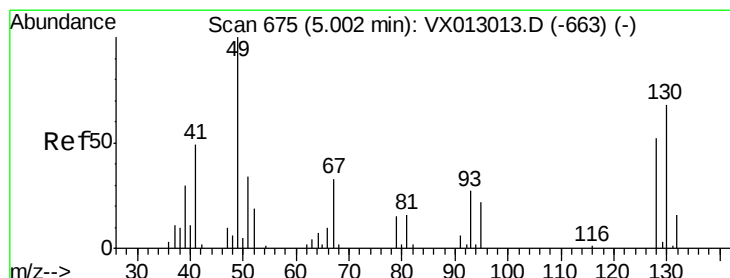
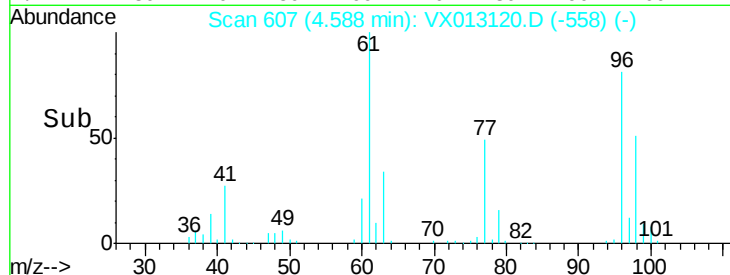
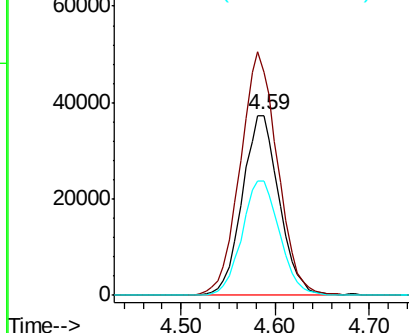
Tot Ion	Ratio	Resp	Lower	Upper
96	100	102780		
61	136.8	0.0	290.6	
98	64.8	0.0	128.8	

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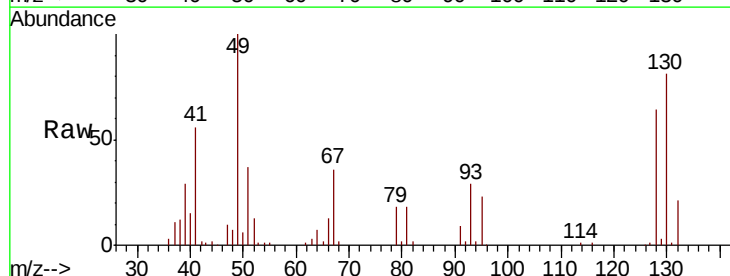
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



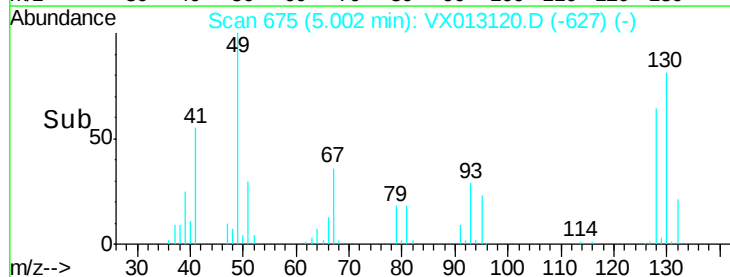
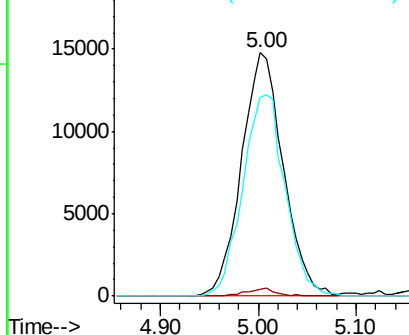
#28

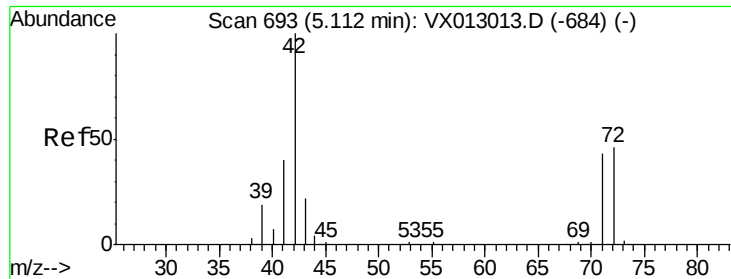
Bromochloromethane
Concen: 51.167 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	43787		
129	2.2	0.0	4.2	
130	83.8	62.1	93.1	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





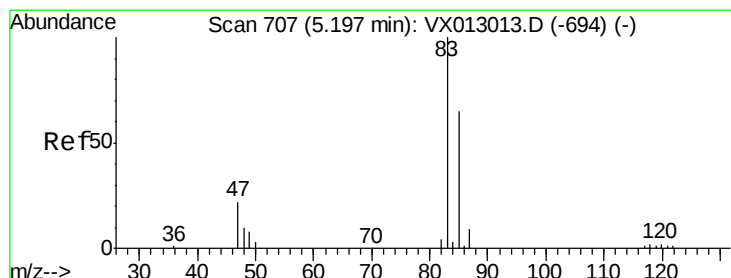
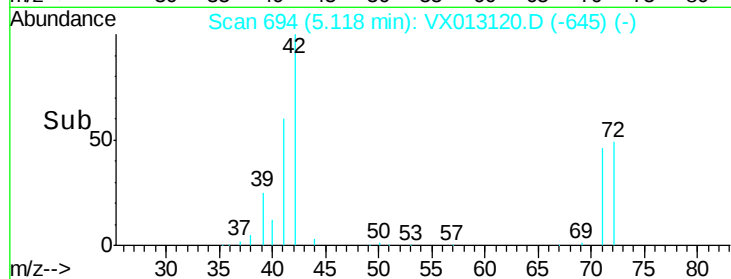
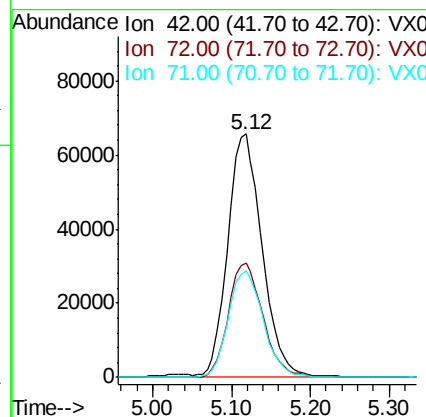
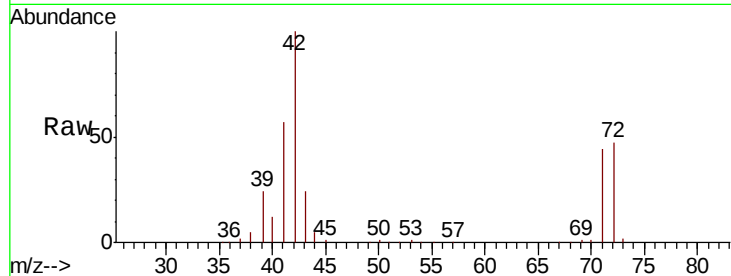
#29
Tetrahydrofuran
Concen: 239.462 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

Tot Ion: 42 Resp: 198836
Ion Ratio Lower Upper
42 100
72 47.8 36.9 55.3
71 44.7 33.5 50.3

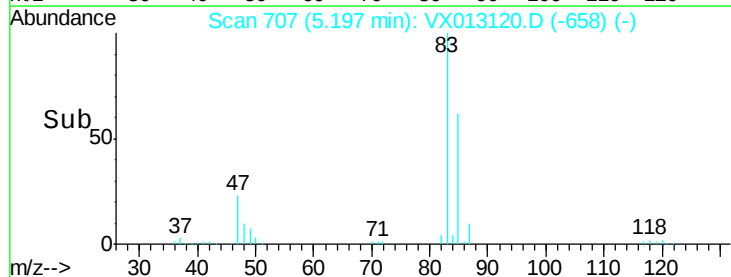
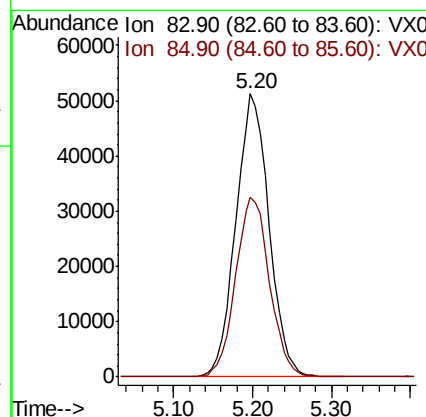
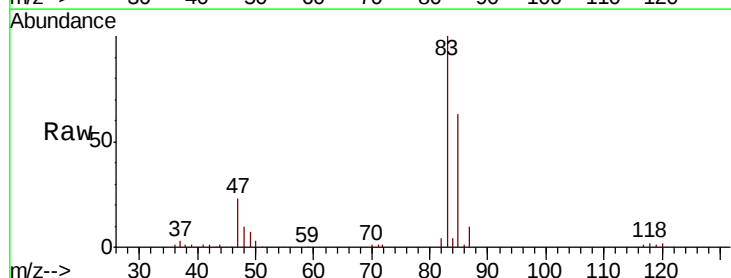
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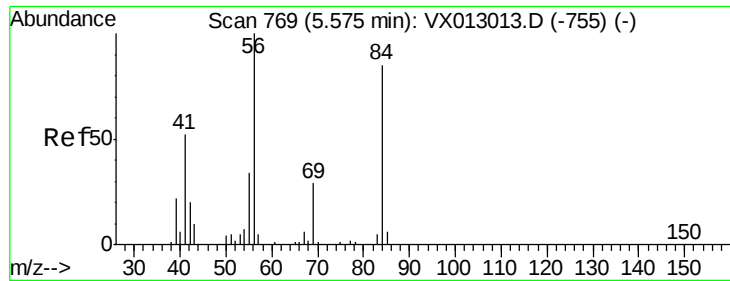
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#30
Chloroform
Concen: 50.977 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion: 83 Resp: 149810
Ion Ratio Lower Upper
83 100
85 63.4 51.5 77.3





#31

Cyclohexane

Concen: 44.896 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

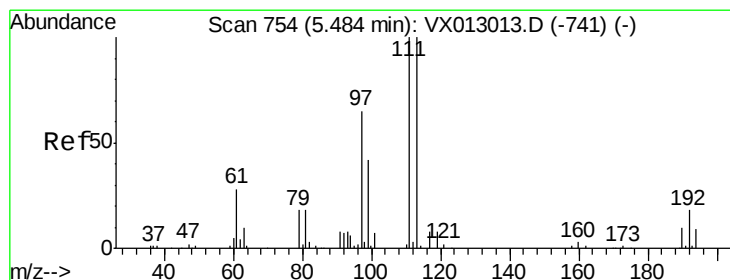
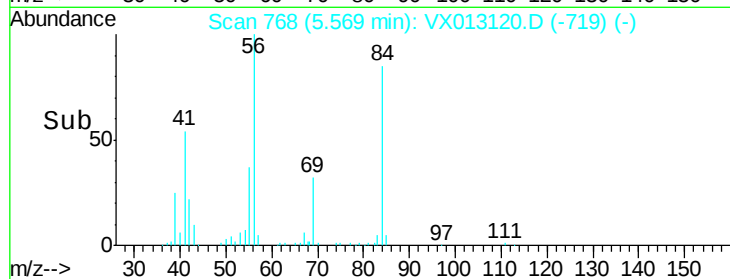
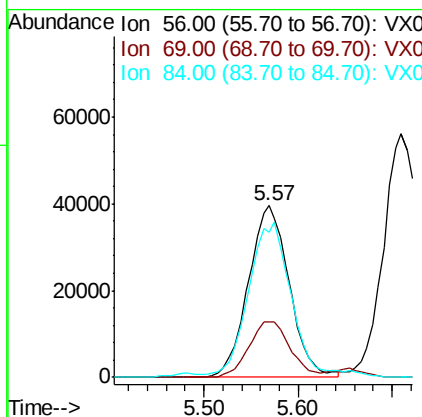
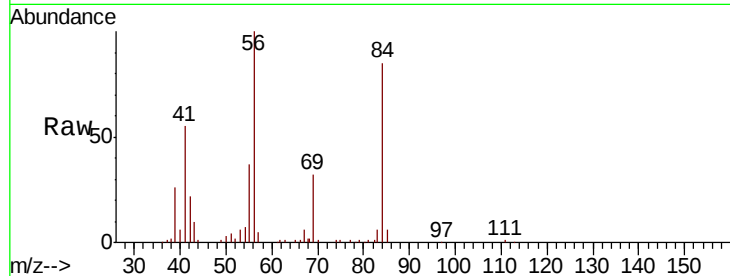
ClientSampleId :

FA19-JMW0301CMSD

Tot Ion:	56	Resp:	120238
Ion Ratio		Lower	Upper
56	100		
69	32.3	25.2	37.8
84	82.5	71.3	106.9

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#32

1,1,1-Trichloroethane

Concen: 54.689 ug/l

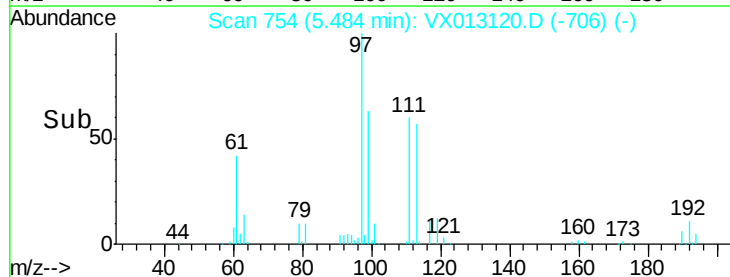
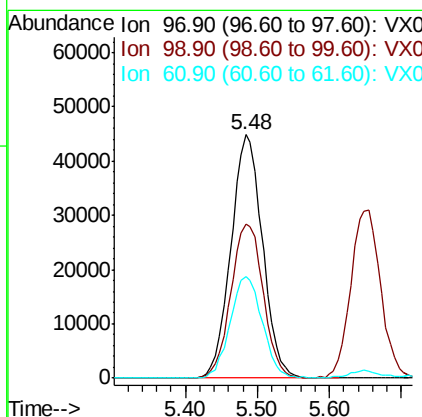
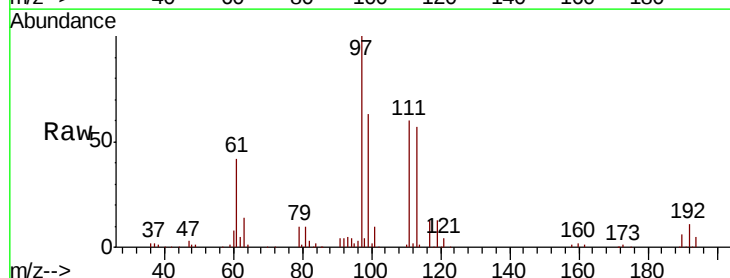
RT: 5.48 min Scan# 754

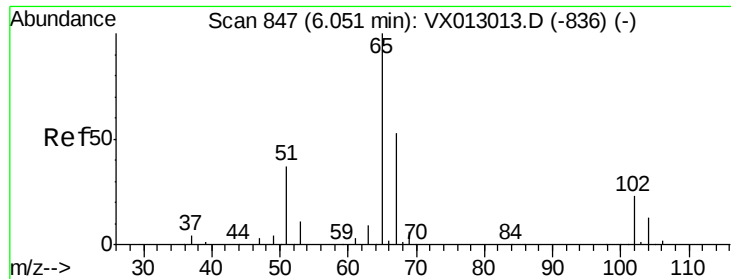
Delta R.T. -0.01 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Tgt Ion:	97	Resp:	136179
Ion Ratio		Lower	Upper
97	100		
99	65.0	52.3	78.5
61	42.6	35.0	52.4





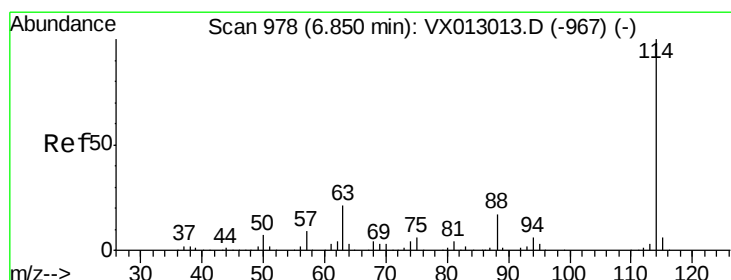
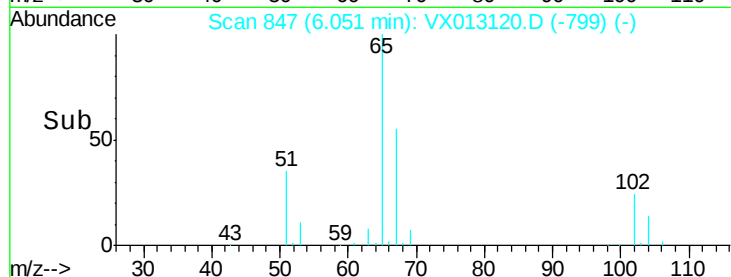
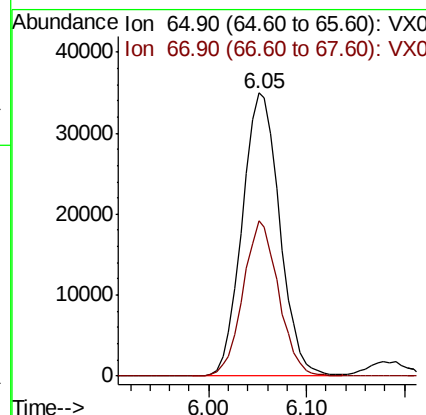
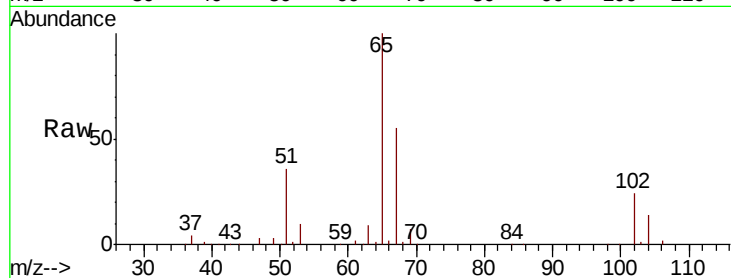
#33
 1,2-Dichloroethane-d4
 Concen: 50.530 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.4

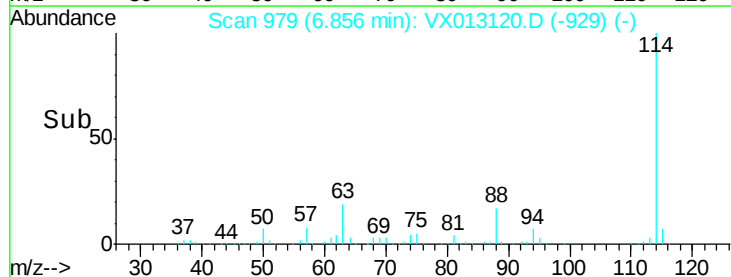
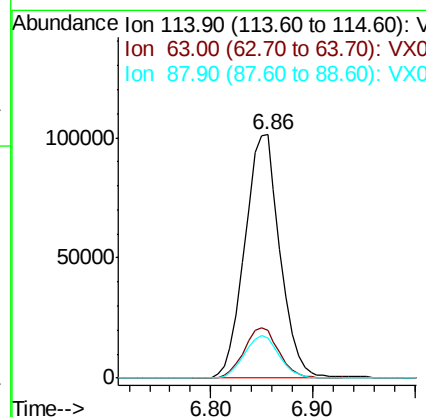
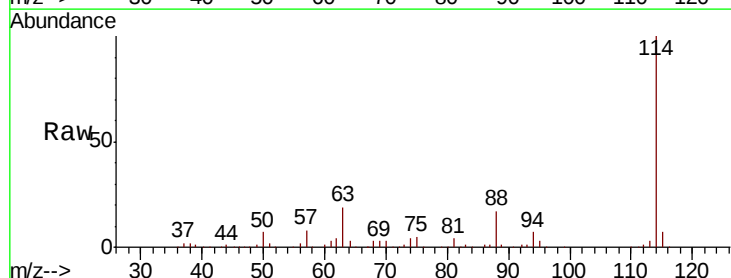
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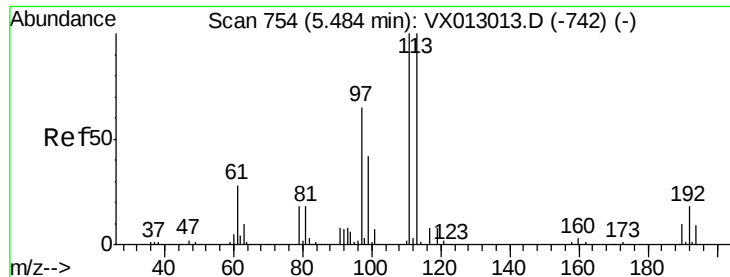
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	40.8
88	16.7	0.0	33.8





#35

Dibromofluoromethane

Concen: 54.266 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

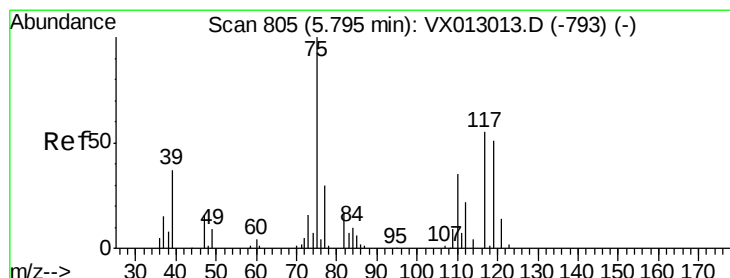
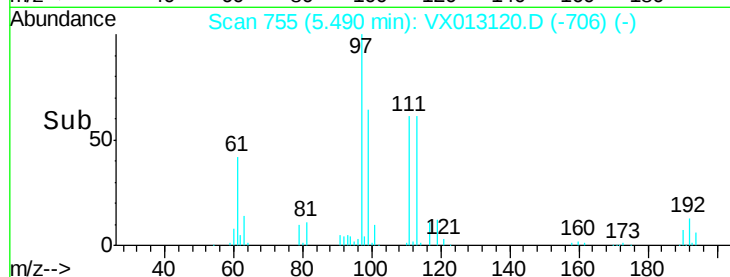
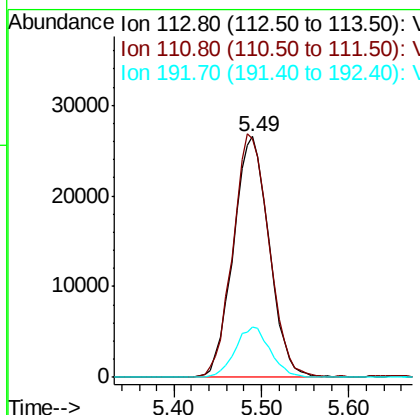
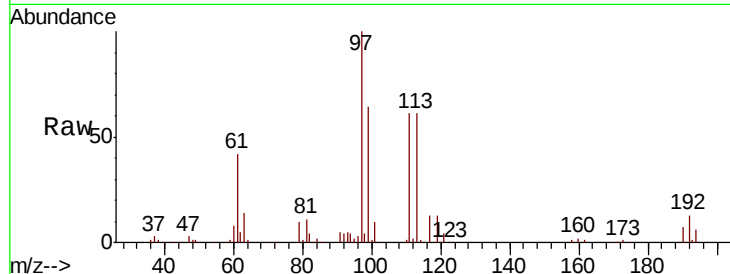
ClientSampleId :

FA19-JMW0301CMSD

Tot Ion:	113	Resp:	75607
Ion Ratio	Lower	Upper	
113	100		
111	101.8	83.2	124.8
192	20.5	15.4	23.2

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#36

1,1-Dichloropropene

Concen: 50.959 ug/l

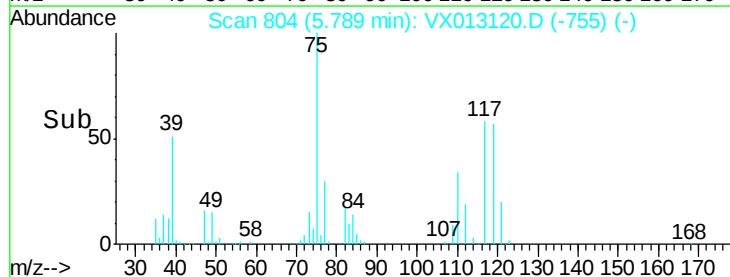
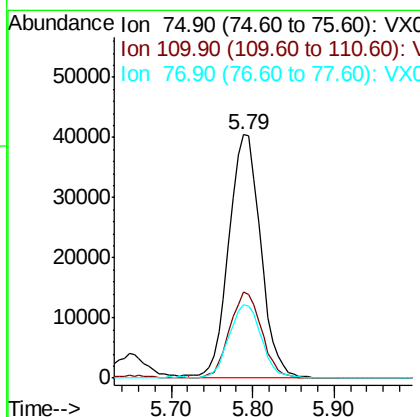
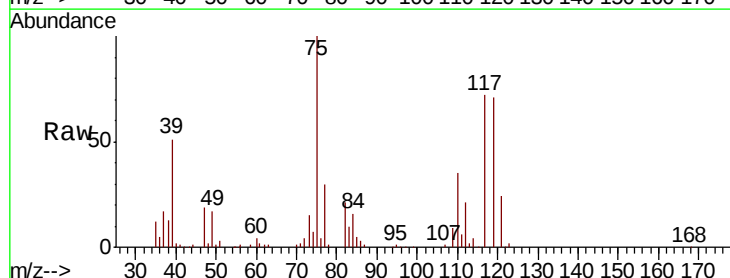
RT: 5.79 min Scan# 804

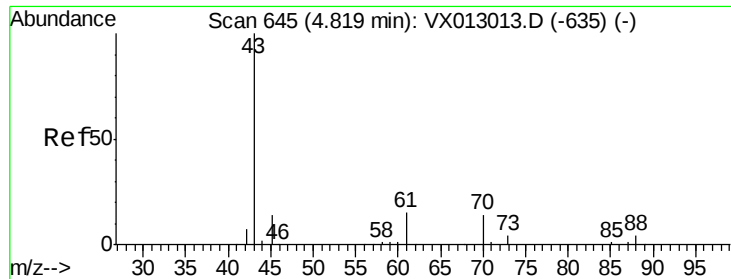
Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Tgt Ion:	75	Resp:	108761
Ion Ratio	Lower	Upper	
75	100		
110	35.6	17.6	52.9
77	30.9	24.4	36.6





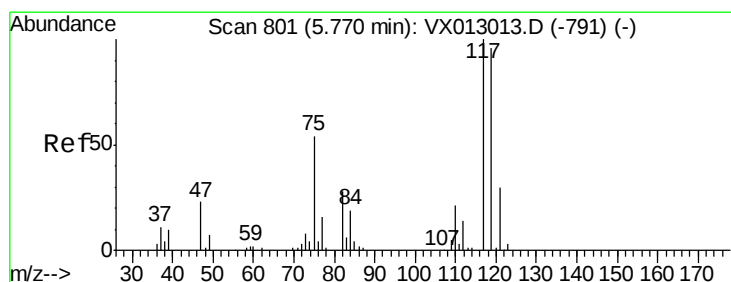
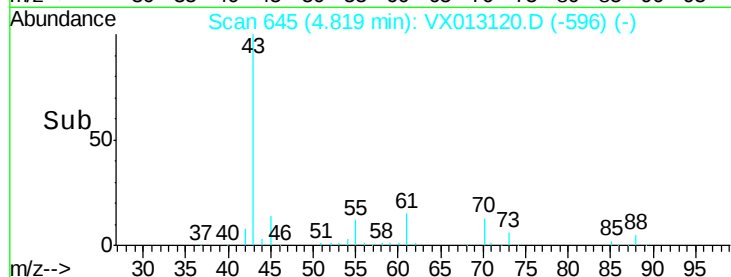
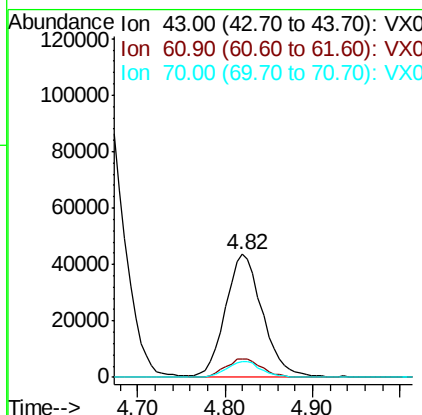
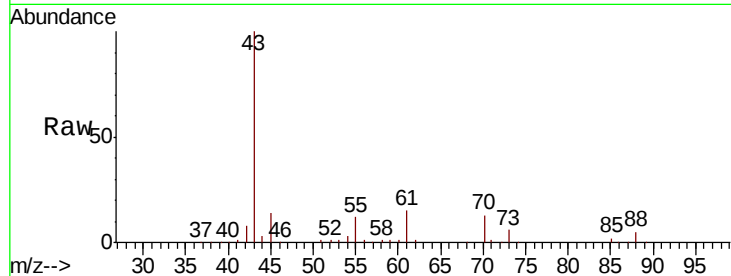
#37
Ethyl Acetate
Concen: 52.647 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.4	17.0
70	12.7	9.8	14.6

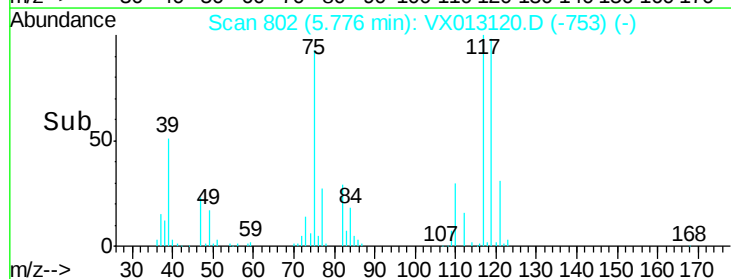
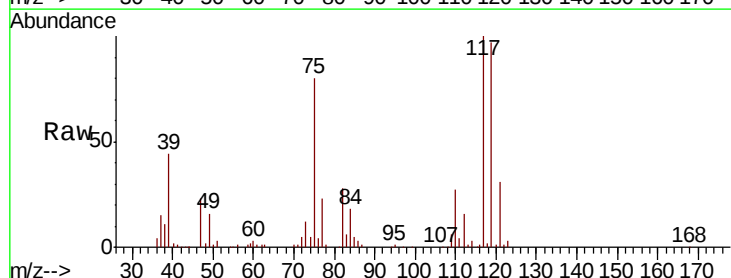
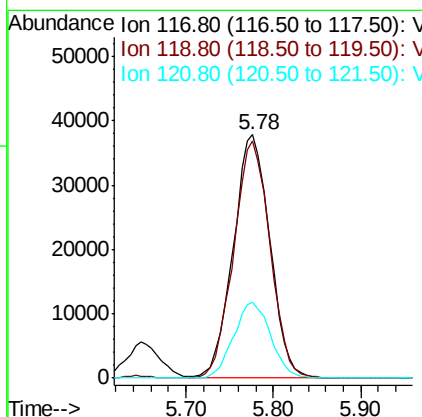
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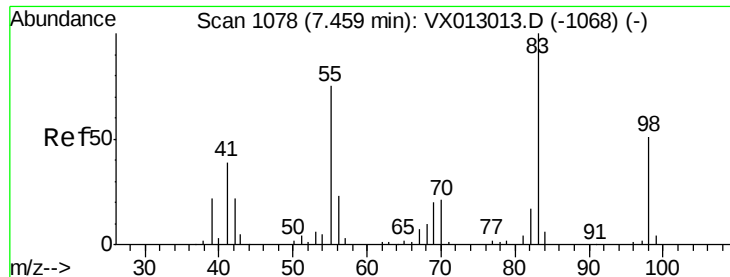
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#38
Carbon Tetrachloride
Concen: 53.035 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	74.5	111.7
121	31.1	24.2	36.4





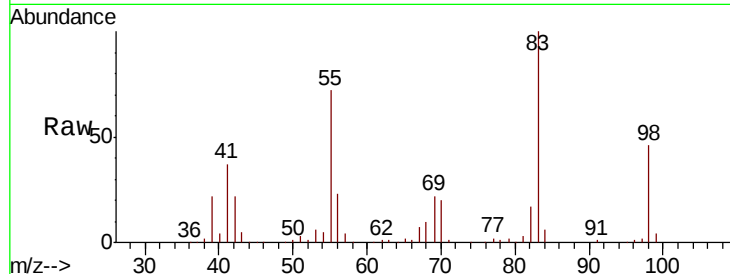
#39
Methvlcvclohexane
Concen: 48.510 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

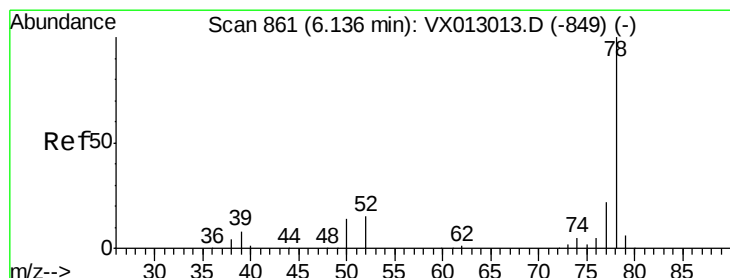
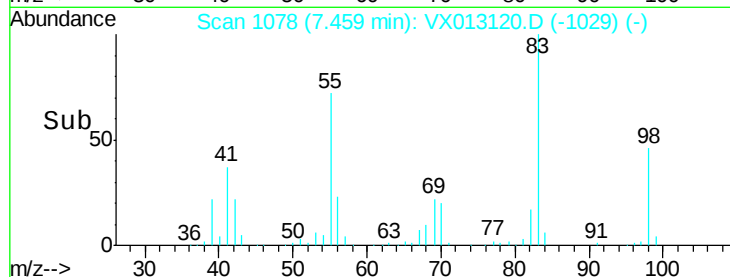
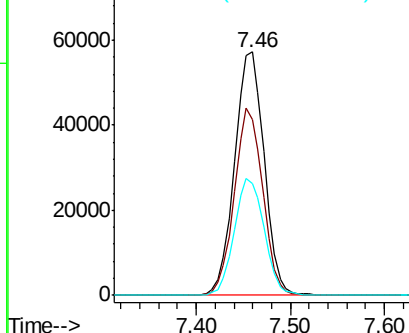
Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	72.1	60.2	90.4	
98	45.7	38.5	57.7	

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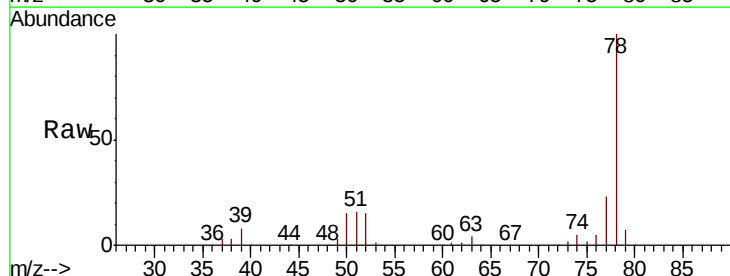


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

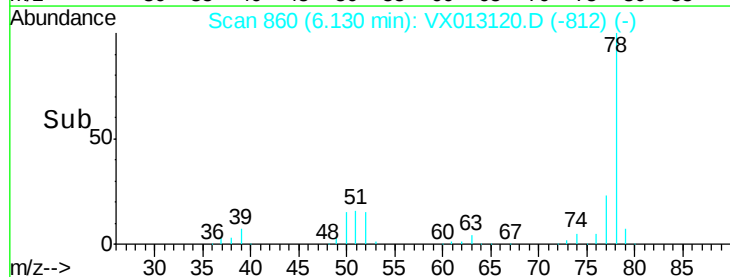
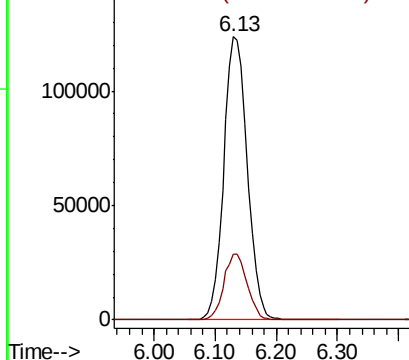


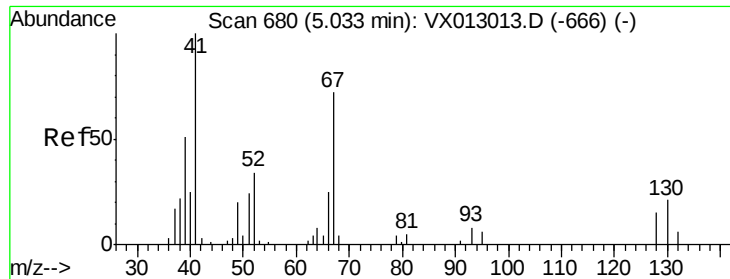
#40
Benzene
Concen: 52.391 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.3	19.0	28.4	



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





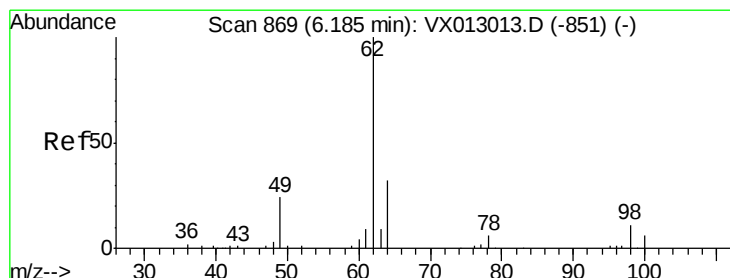
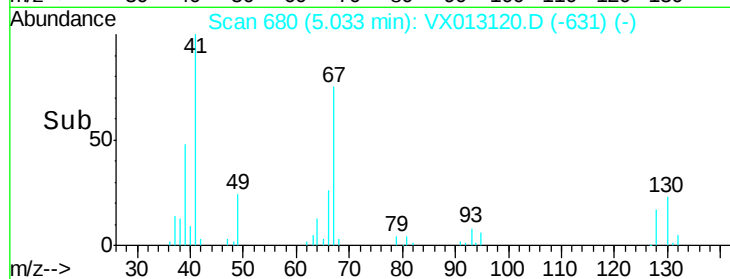
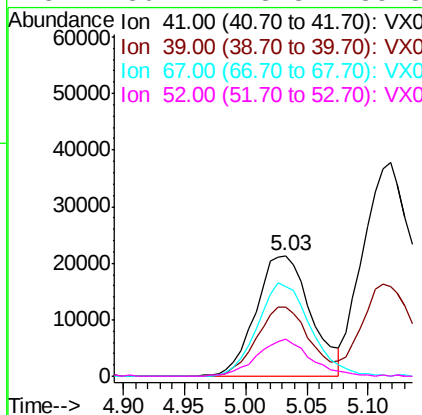
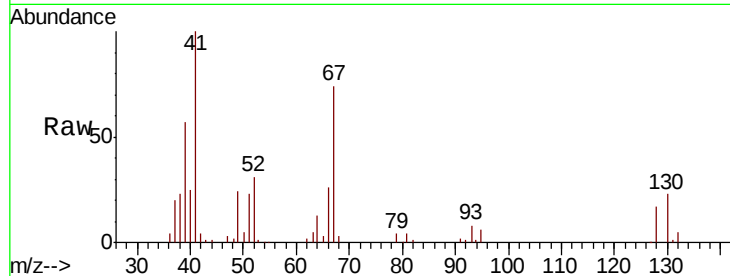
#41
Methacrylonitrile
Concen: 50.821 ug/l
RT: 5.03 min Scan# 680
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.1	44.0	66.0
67	75.0	58.5	87.7
52	30.1	23.8	35.8

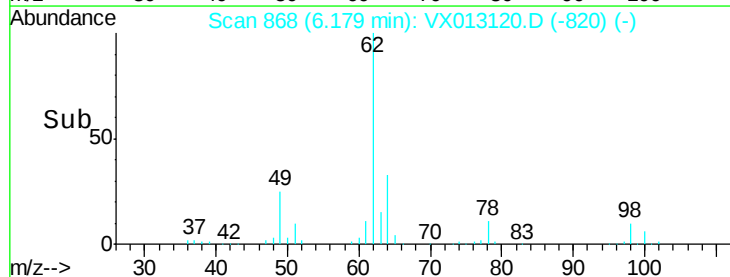
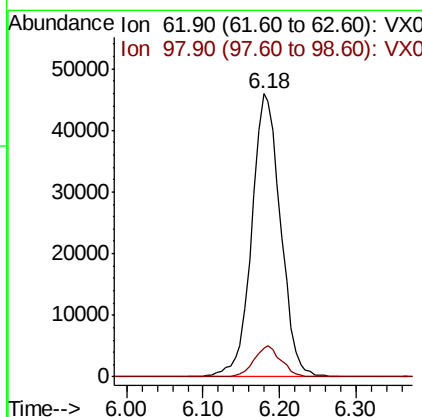
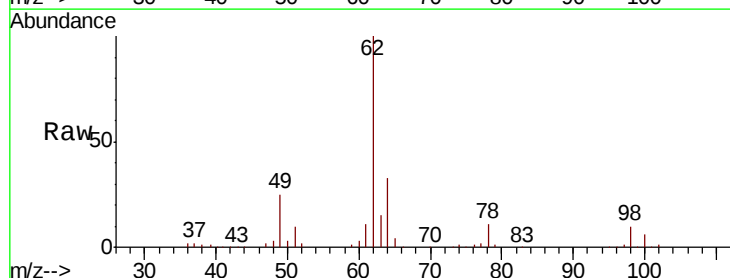
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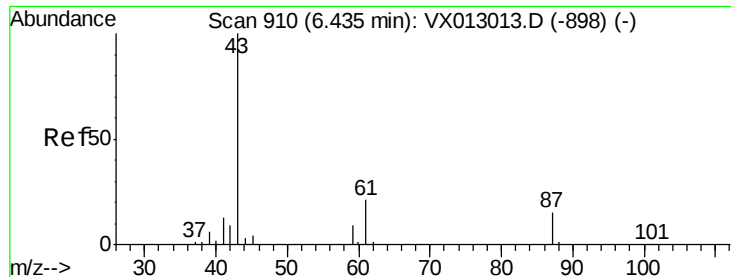
MMDadoda
10/18/2019 10:05:15 AM



#42
1,2-Dichloroethane
Concen: 53.526 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4





#43

Isopropyl Acetate

Concen: 50.038 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

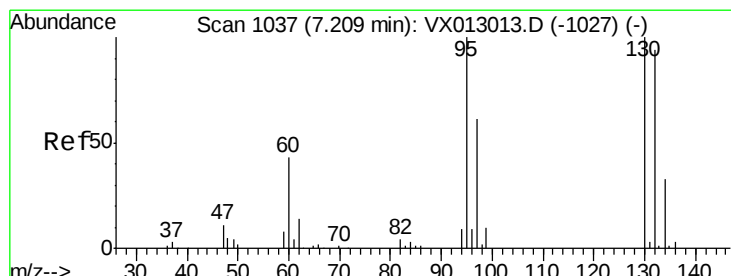
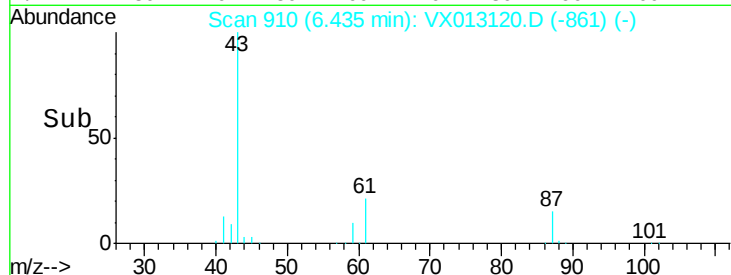
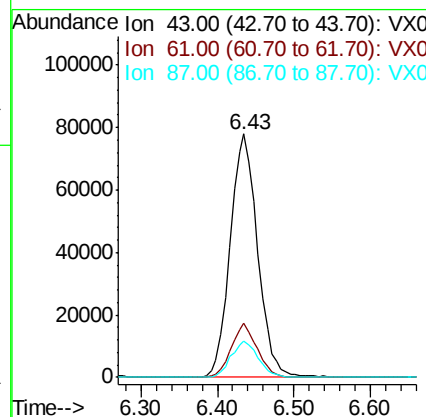
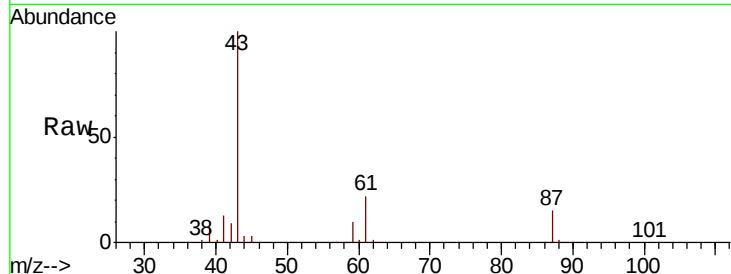
ClientSampleId :

FA19-JMW0301CMSD

Tot Ion:	43	Resp:	191668
Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.6	24.8
87	14.8	11.0	16.6

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#44

Trichloroethene

Concen: 69.868 ug/l

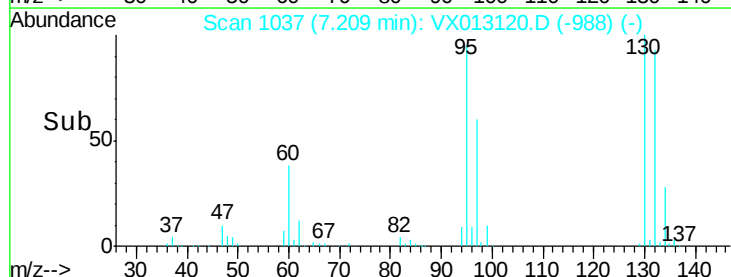
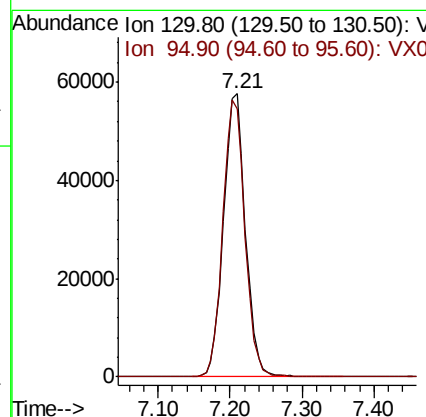
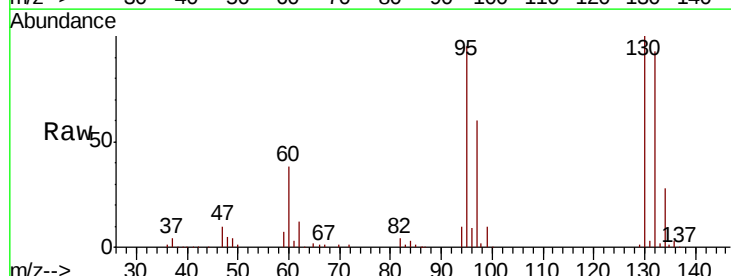
RT: 7.21 min Scan# 1037

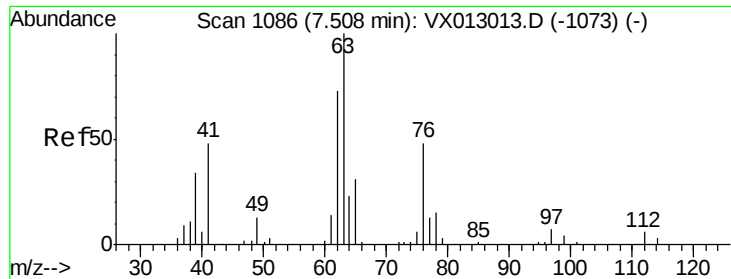
Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Tgt Ion:	130	Resp:	122129
Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	189.2





#45

1,2-Dichloropropane

Concen: 52.682 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

Tot Ion: 63 Resp: 84638

Ion Ratio Lower Upper

63 100

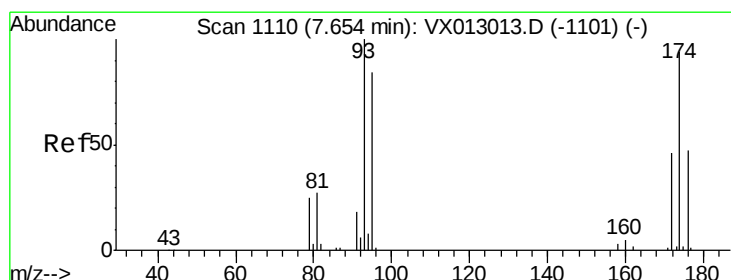
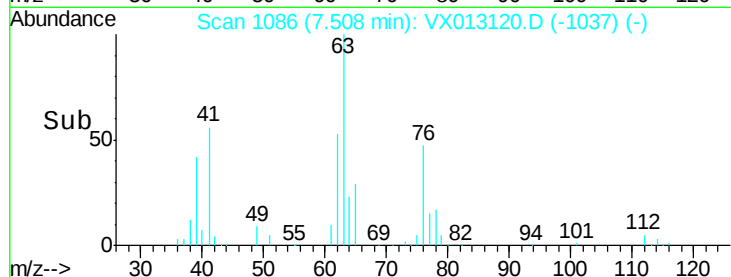
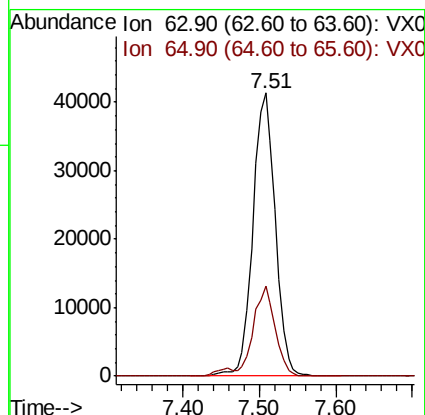
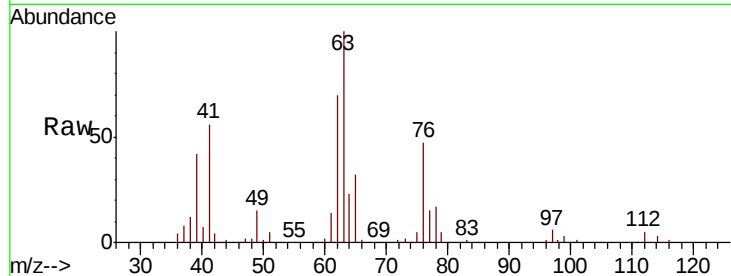
65 31.6 24.6 37.0

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#46

Dibromomethane

Concen: 55.230 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

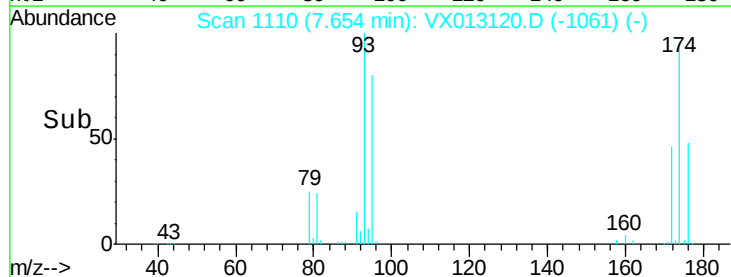
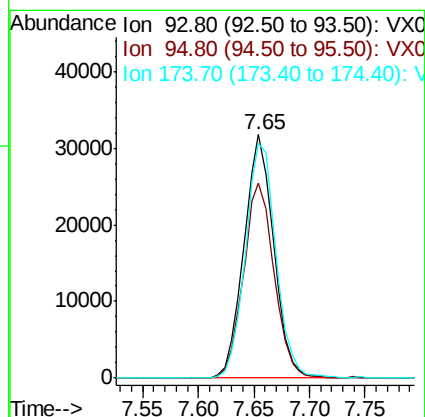
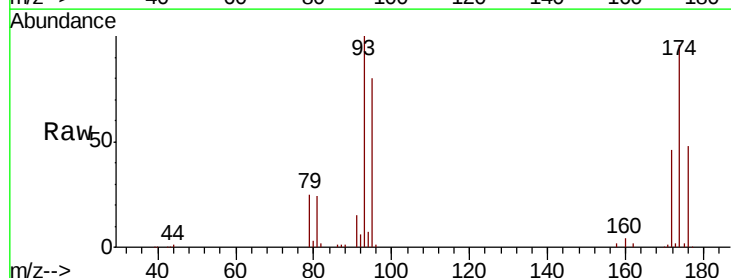
Tgt Ion: 93 Resp: 59118

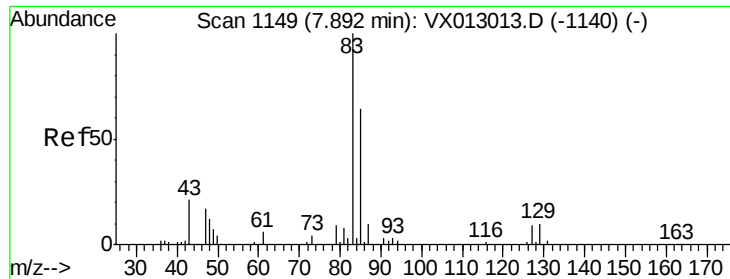
Ion Ratio Lower Upper

93 100

95 82.6 66.3 99.5

174 99.1 77.8 116.6





#47

Bromodichloromethane

Concen: 56.053 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

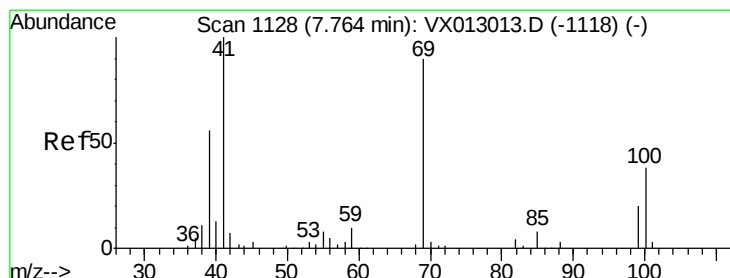
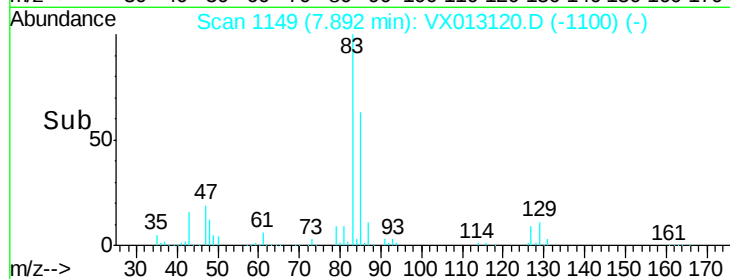
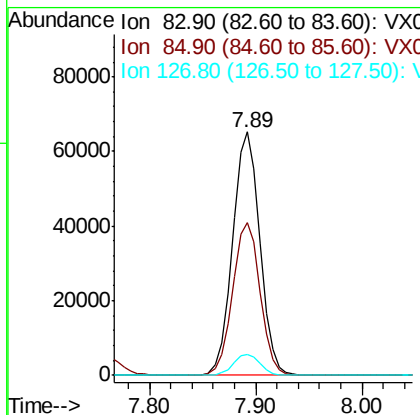
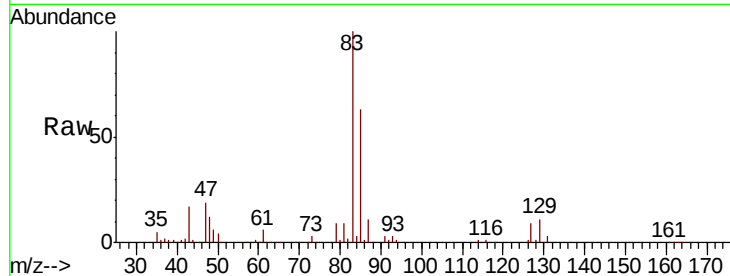
ClientSampleId :

FA19-JMW0301CMSD

Tot Ion:	83	Resp:	117090
Ion Ratio	Lower	Upper	
83	100		
85	62.7	52.4	78.6
127	8.7	6.6	10.0

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#48

Methyl methacrylate

Concen: 51.108 ug/l

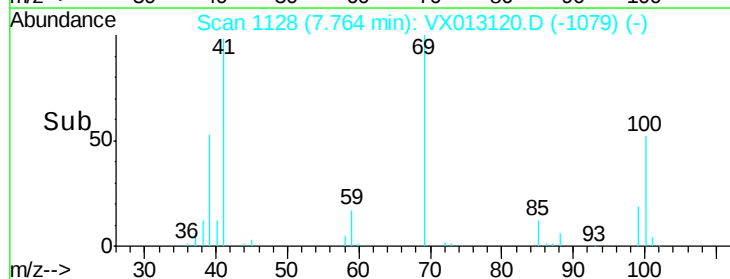
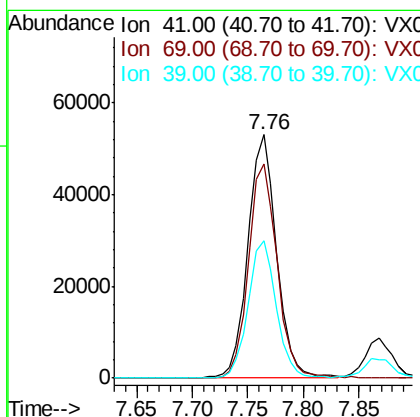
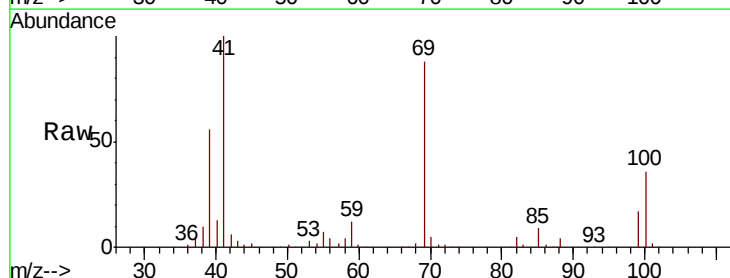
RT: 7.76 min Scan# 1128

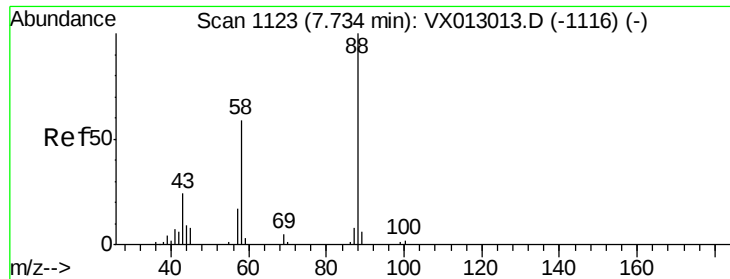
Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Tgt Ion:	41	Resp:	95400
Ion Ratio	Lower	Upper	
41	100		
69	88.3	68.7	103.1
39	55.6	44.3	66.5





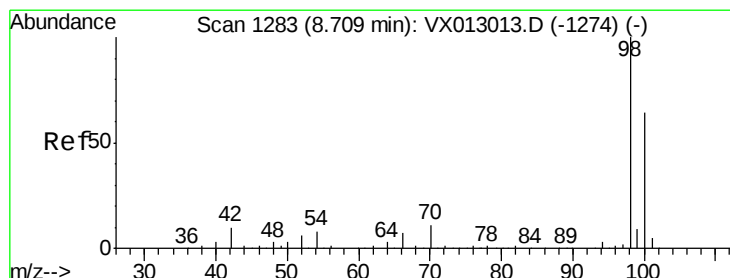
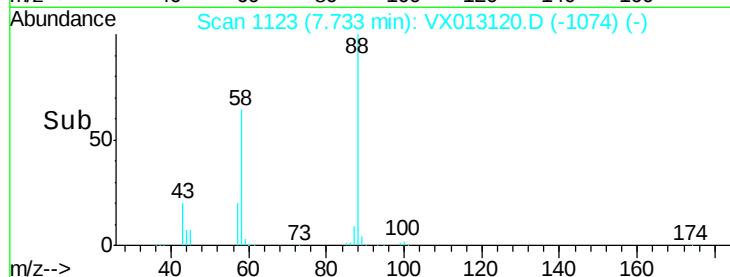
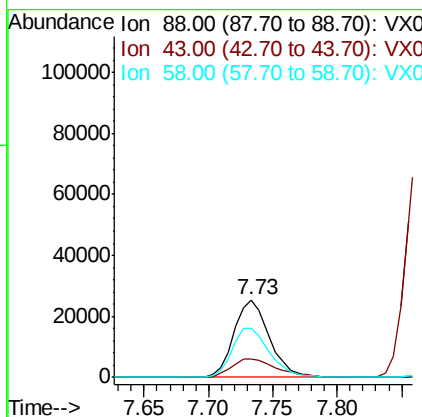
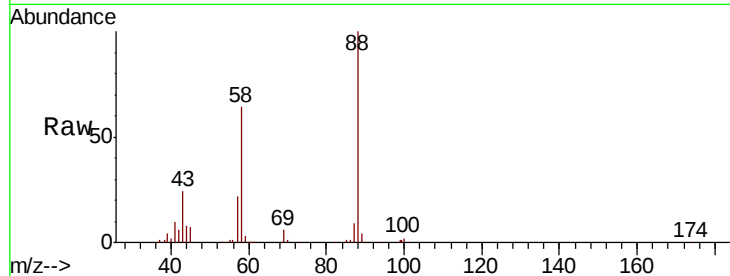
#49
1,4-Dioxane
Concen: 966.771 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.8	25.0	37.6
58	67.8	55.4	83.2

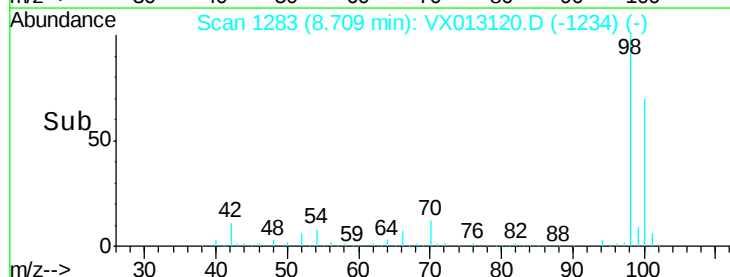
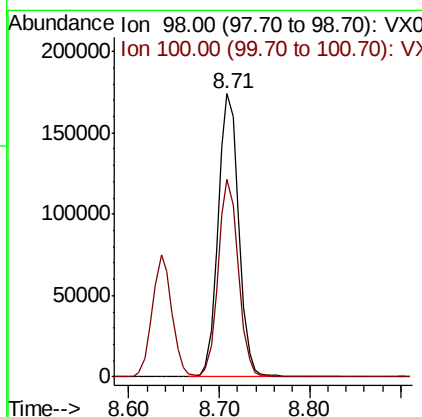
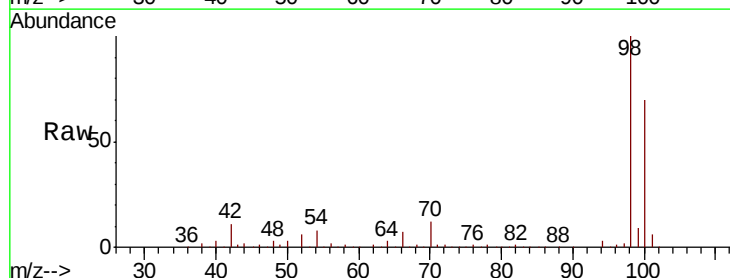
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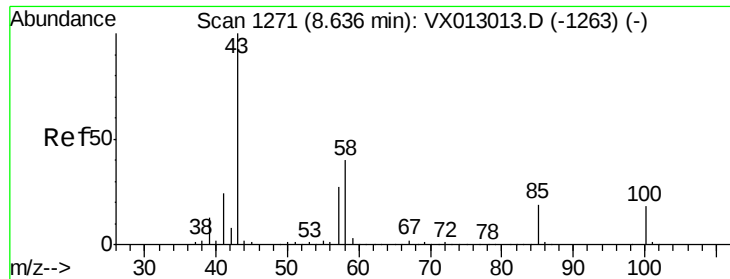
MMDadoda
10/18/2019 10:05:15 AM



#50
Toluene-d8
Concen: 50.911 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 257.097 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

Tot Ion: 43 Resp: 614002

Ion Ratio Lower Upper

43 100

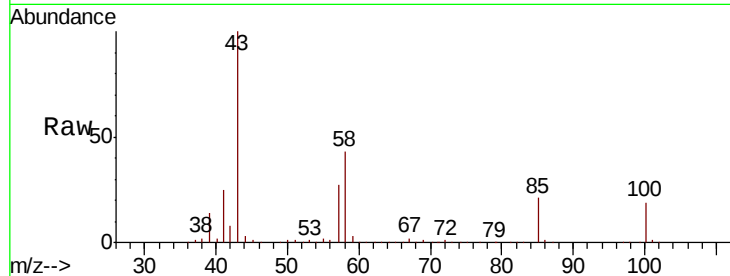
58 41.7 32.4 48.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

400000

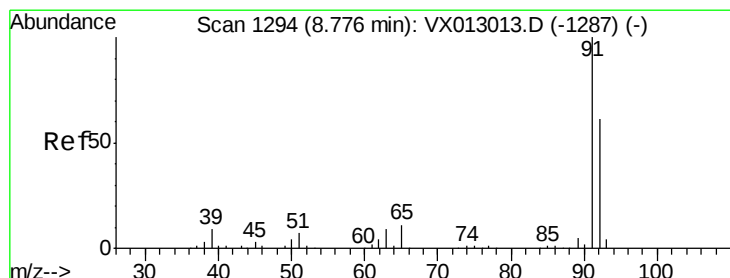
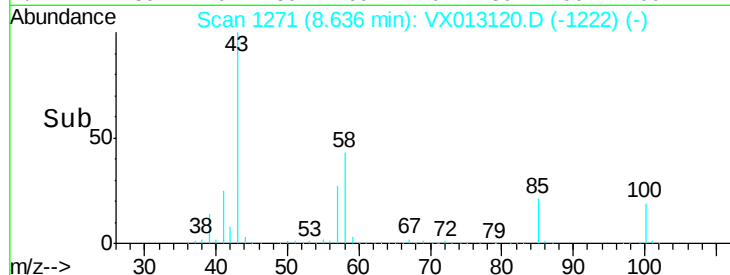
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 53.267 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013120.D

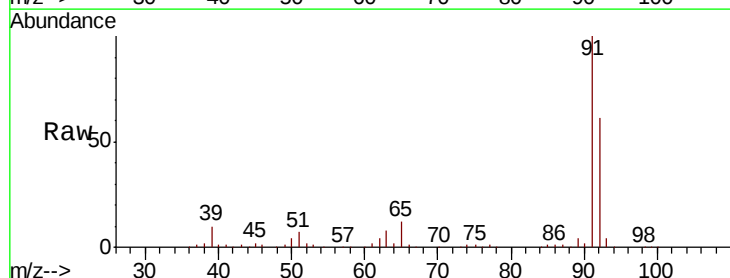
Acq: 17 Oct 2019 20:14

Tgt Ion: 92 Resp: 214813

Ion Ratio Lower Upper

92 100

91 165.4 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

250000

200000

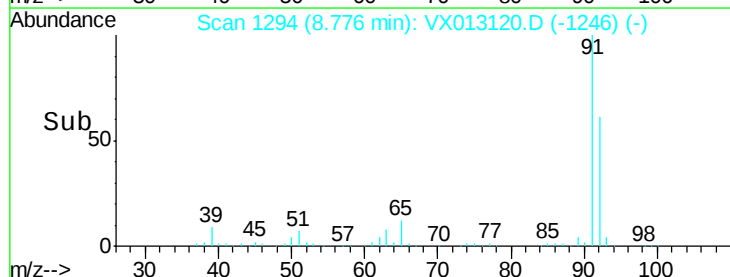
150000

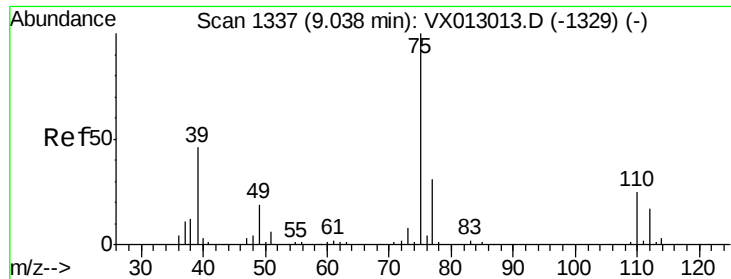
100000

50000

0

Time-->





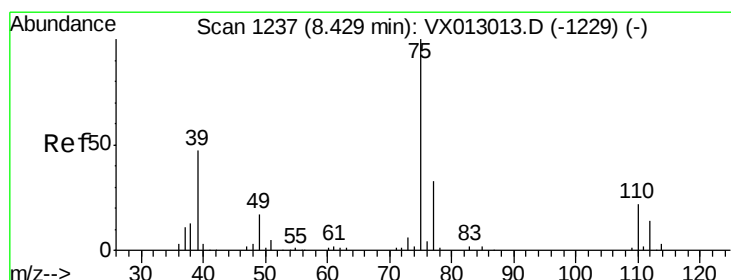
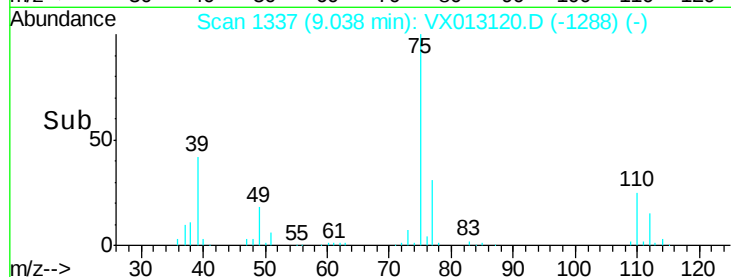
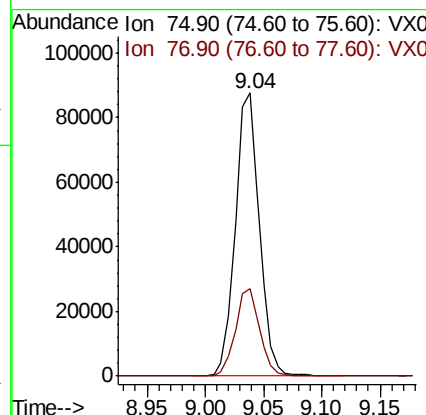
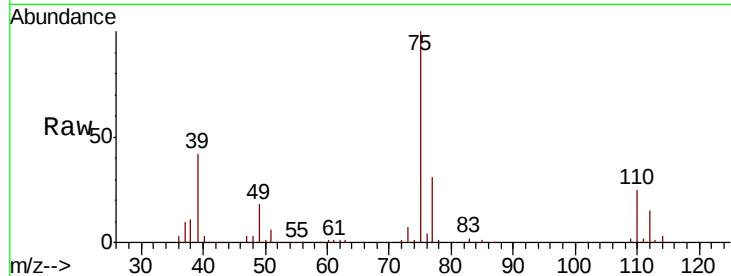
#53
t-1,3-Dichloropropene
Concen: 48.514 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

Tot Ion: 75 Resp: 126293
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.6

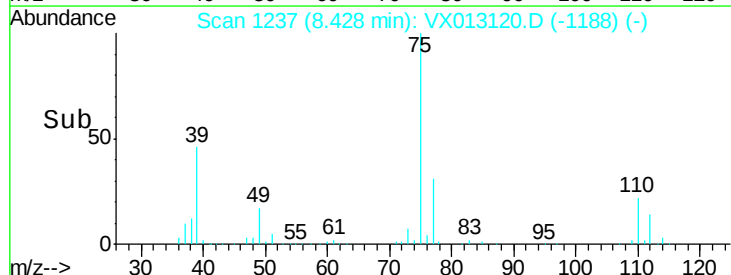
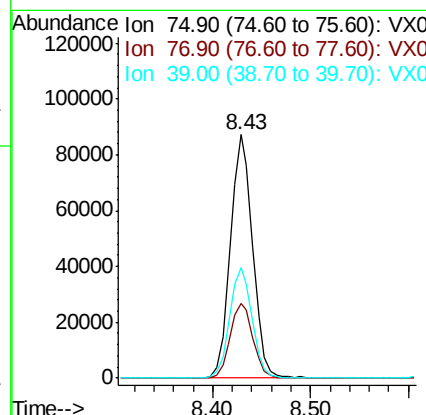
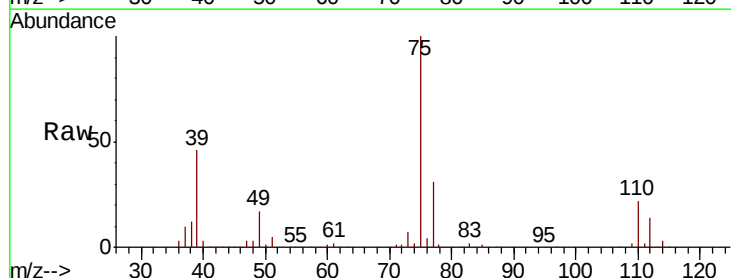
Manual Integrations
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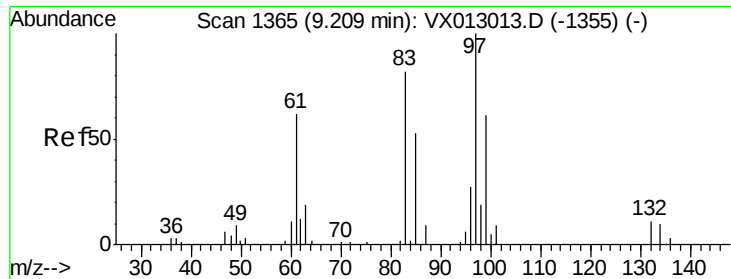
MMDadoda
10/18/2019 10:05:15 AM



#54
cis-1,3-Dichloropropene
Concen: 53.251 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion: 75 Resp: 136811
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.8
39 45.5 38.2 57.2





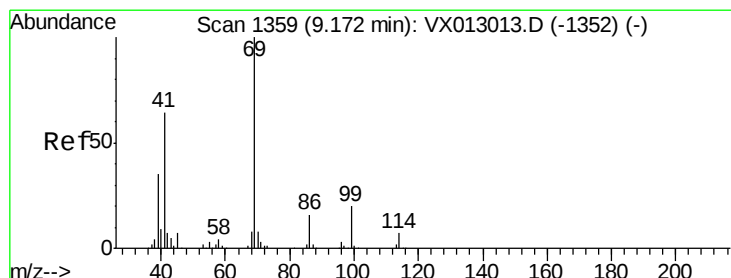
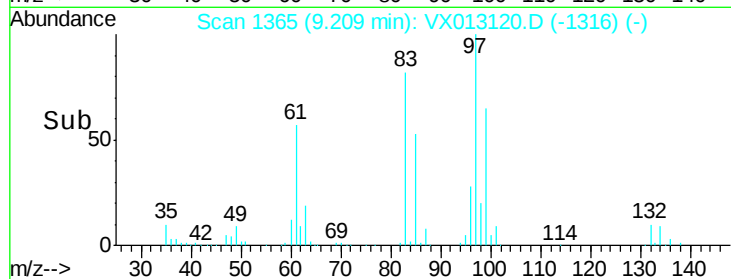
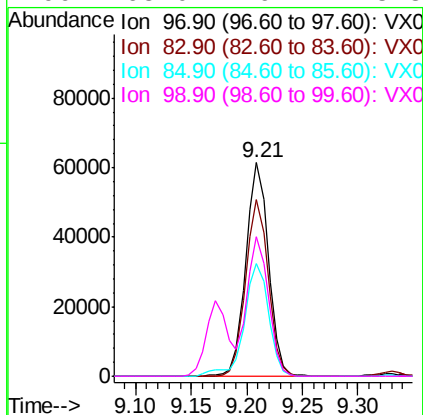
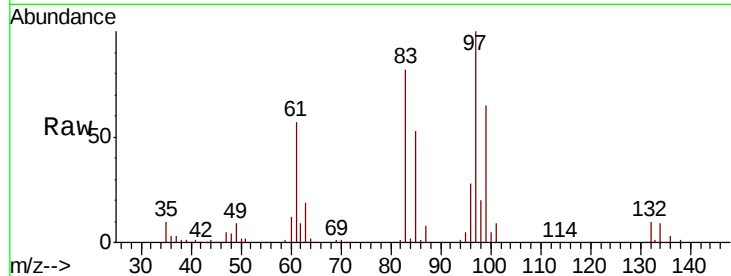
#55
 1,1,2-Trichloroethane
 Concen: 54.572 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMSD

Tot Ion:	97	Resp:	87094
Ion	Ratio	Lower	Upper
97	100		
83	82.4	66.5	99.7
85	52.6	43.1	64.7
99	65.0	49.2	73.8

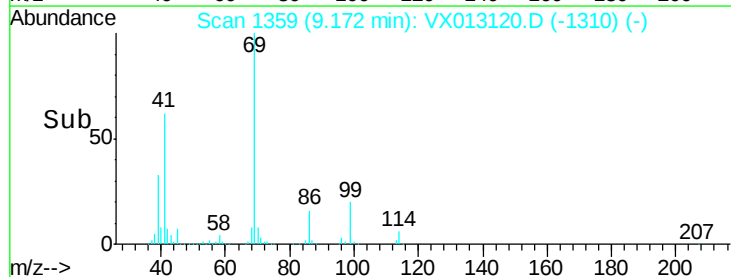
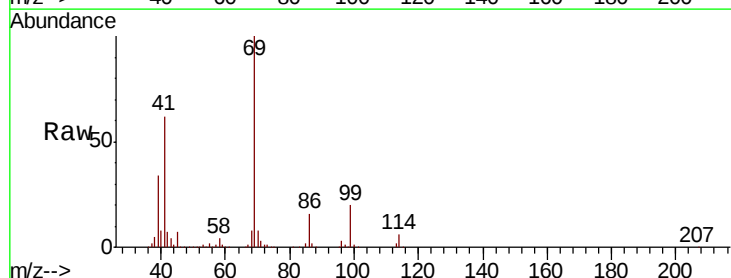
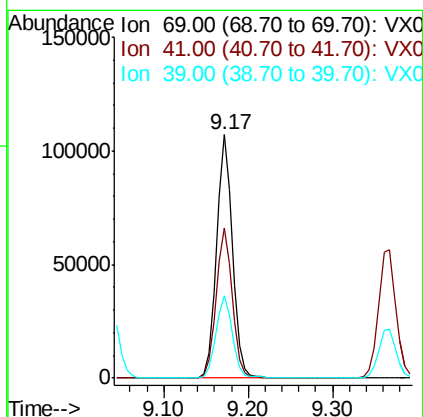
Manual Integrations
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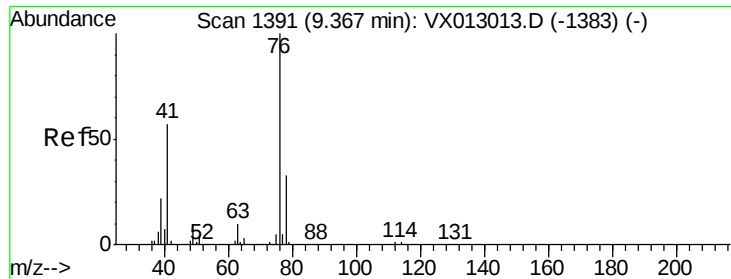
MMDadoda
 10/18/2019 10:05:15 AM



#56
 Ethyl methacrylate
 Concen: 49.298 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Tgt Ion:	69	Resp:	140809
Ion	Ratio	Lower	Upper
69	100		
41	62.4	52.1	78.1
39	34.5	27.8	41.8





#57

1,3-Dichloropropane

Concen: 53.232 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

Tot Ion: 76 Resp: 146958

Ion Ratio Lower Upper

76 100

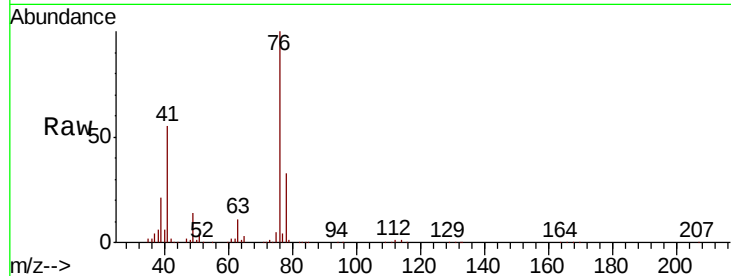
78 32.7 26.1 39.1

Manual Integrations

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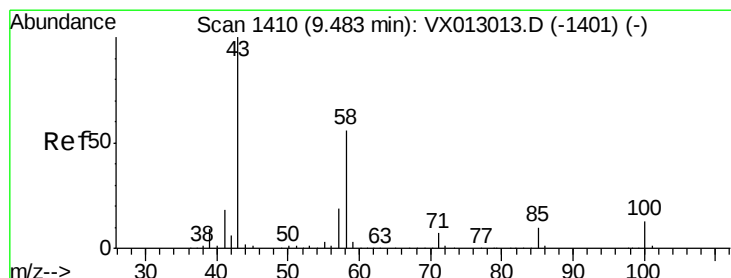
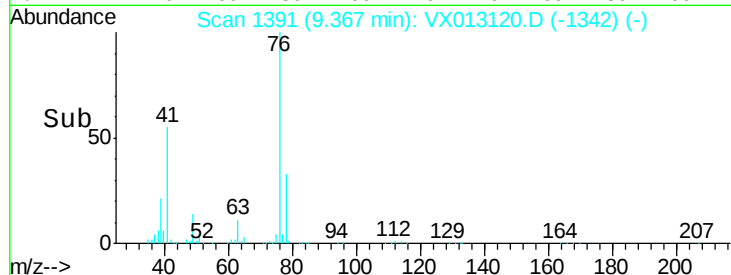
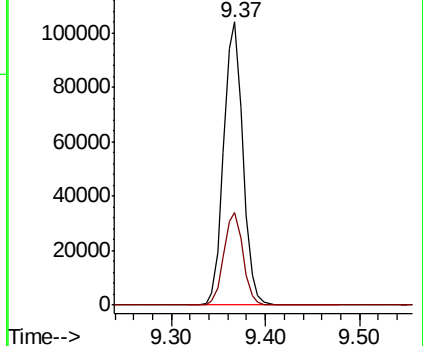
MMDadoda

10/18/2019 10:05:15 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 258.005 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX013120.D

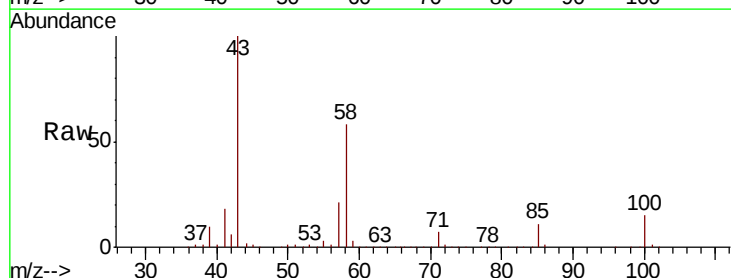
Acq: 17 Oct 2019 20:14

Tgt Ion: 43 Resp: 479649

Ion Ratio Lower Upper

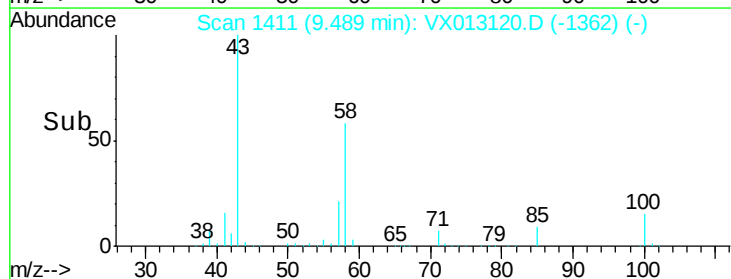
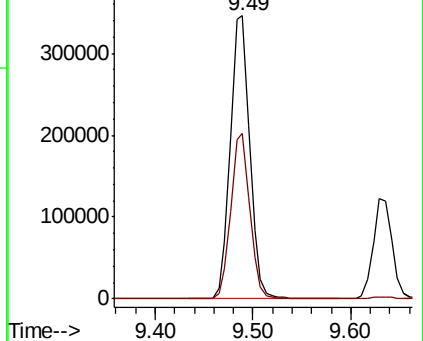
43 100

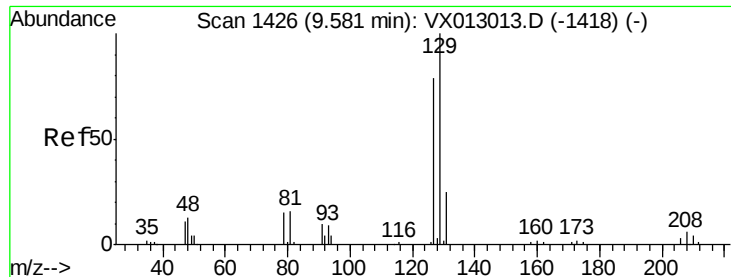
58 57.1 28.1 84.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 51.406 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

Tot Ion:129 Resp: 91394

Ion Ratio Lower Upper

129 100

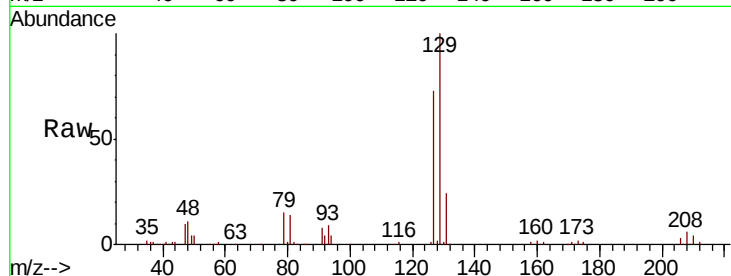
127 76.8 38.9 116.7

Manual Integrations

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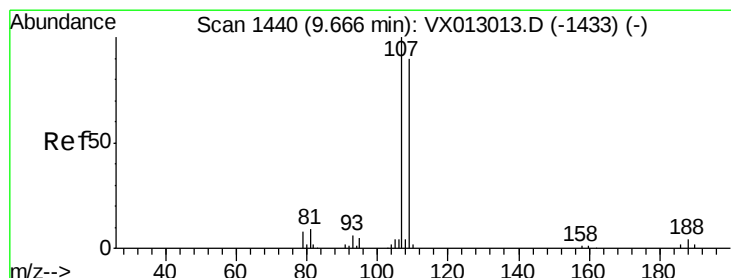
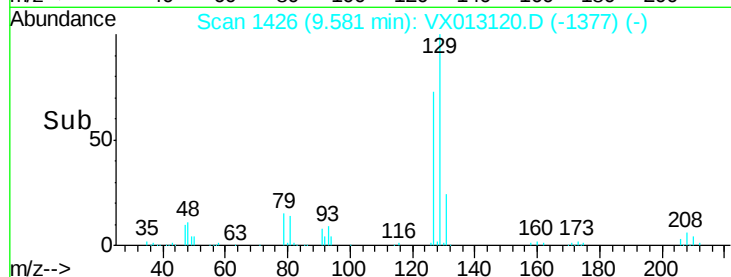
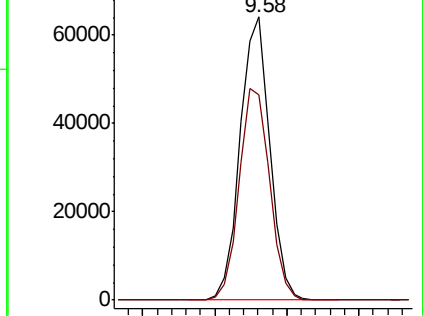
MMDadoda

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 54.284 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013120.D

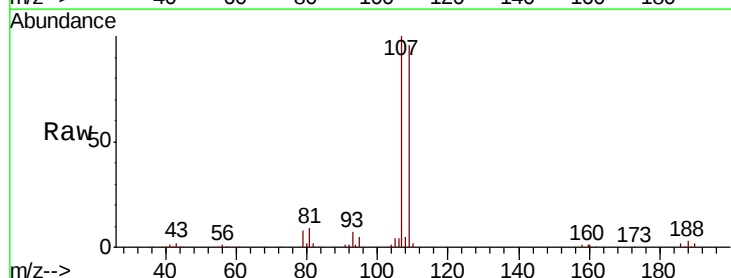
Acq: 17 Oct 2019 20:14

Tgt Ion:107 Resp: 91135

Ion Ratio Lower Upper

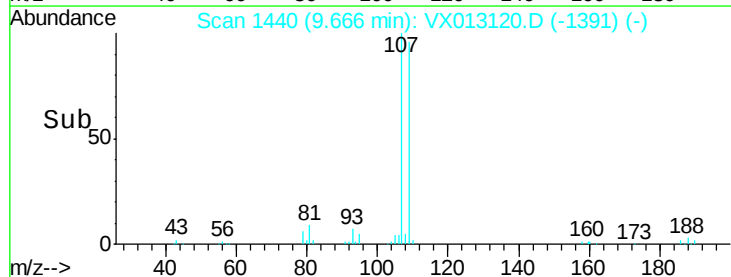
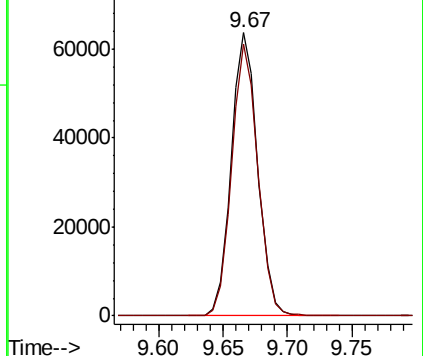
107 100

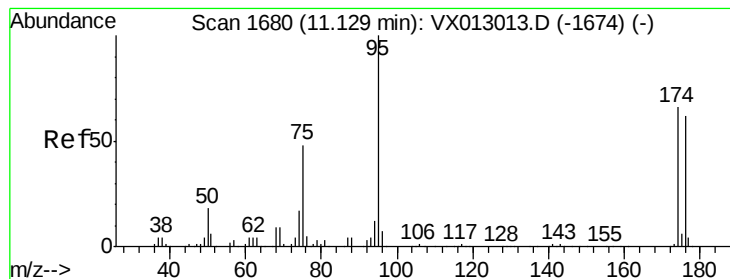
109 94.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 51.848 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

Tot Ion: 95 Resp: 109474

Ion Ratio Lower Upper

95 100

174 73.8 0.0 143.4

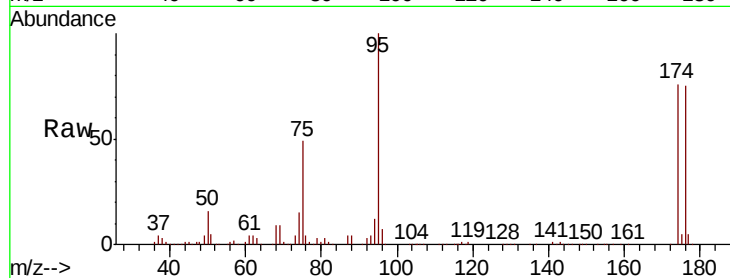
176 72.3 0.0 136.0

Manual Integrations

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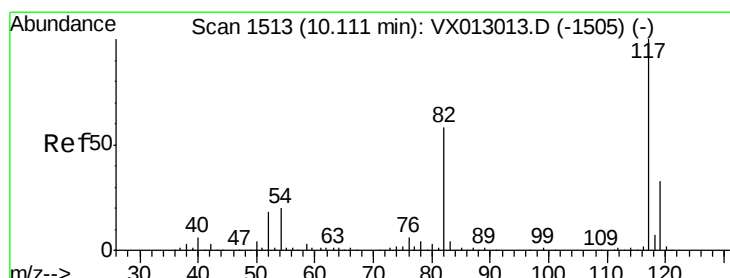
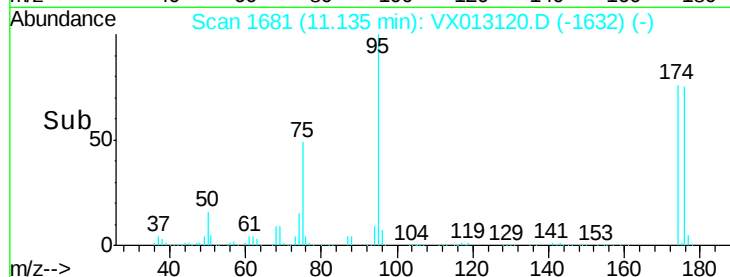
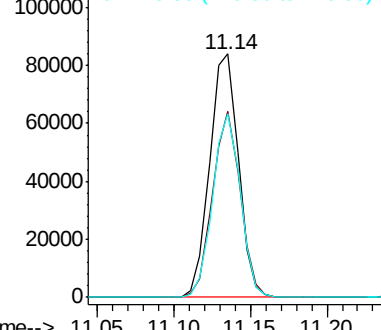
10/18/2019 10:05:15 AM



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

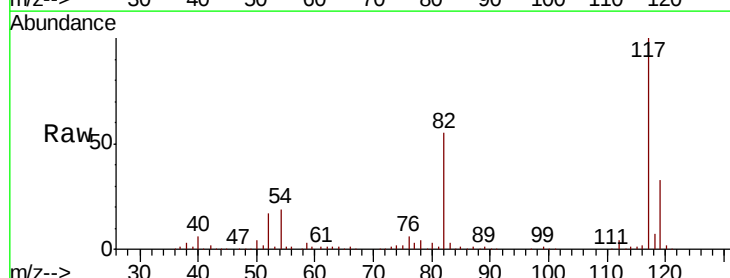
Tgt Ion: 117 Resp: 222330

Ion Ratio Lower Upper

117 100

82 55.2 44.1 66.1

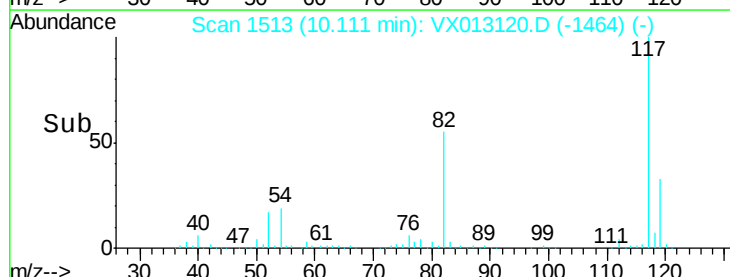
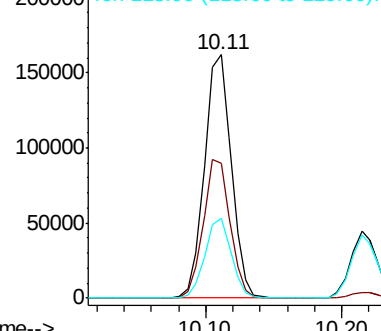
119 32.9 25.8 38.8

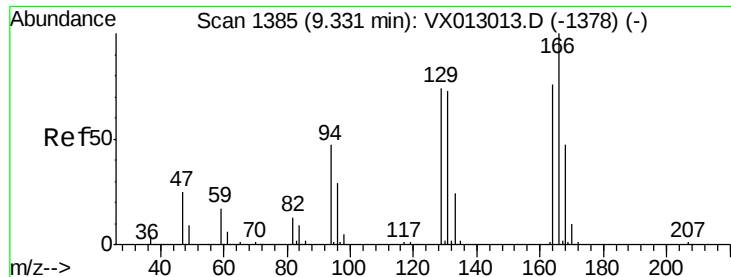


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 52.770 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

Tot Ion:164 Resp: 81376

Ion Ratio Lower Upper

164 100

166 122.1 96.9 145.3

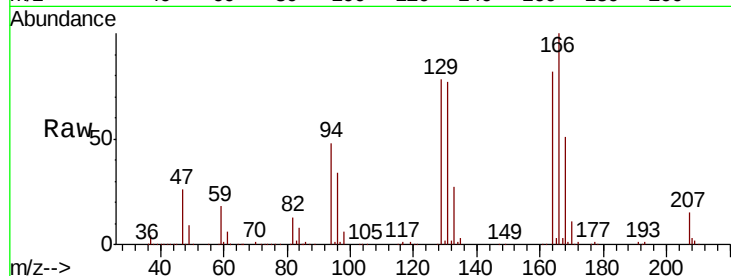
129 95.0 77.9 116.9

131 94.4 72.7 109.1

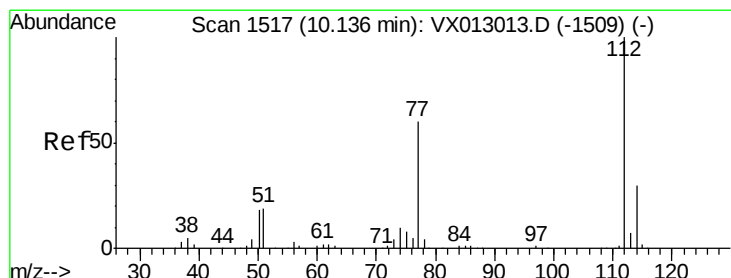
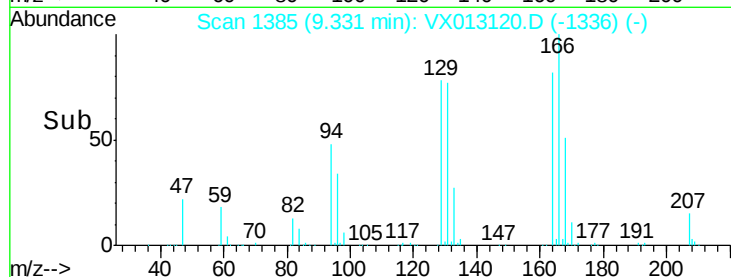
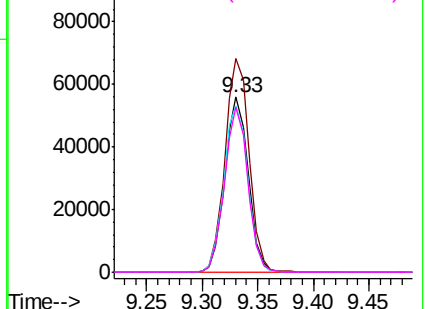
Manual Integrations
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Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 51.756 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013120.D

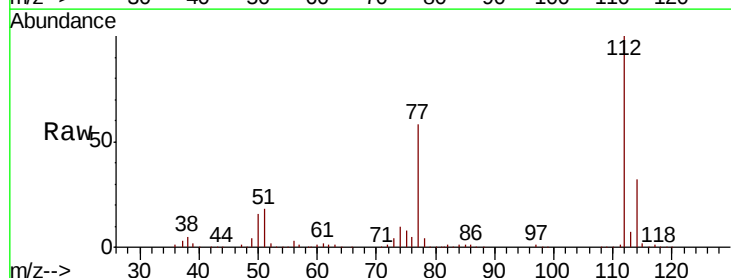
Acq: 17 Oct 2019 20:14

Tgt Ion:112 Resp: 228509

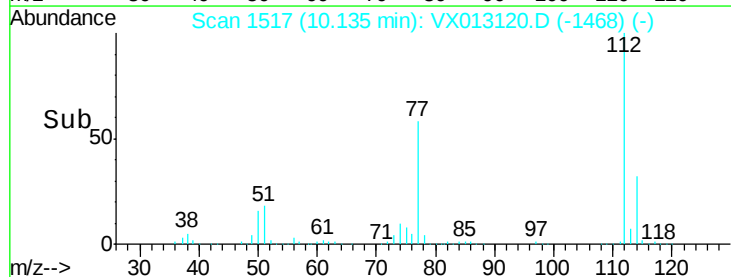
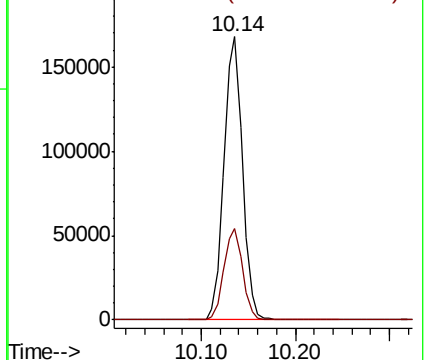
Ion Ratio Lower Upper

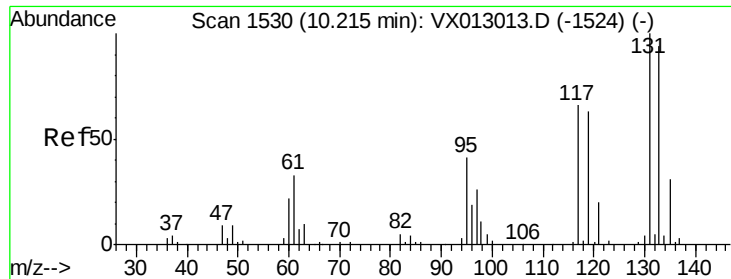
112 100

114 32.1 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





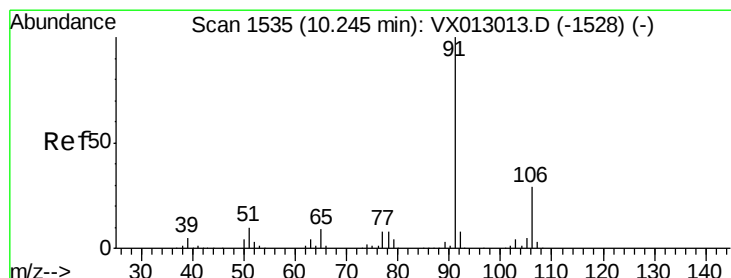
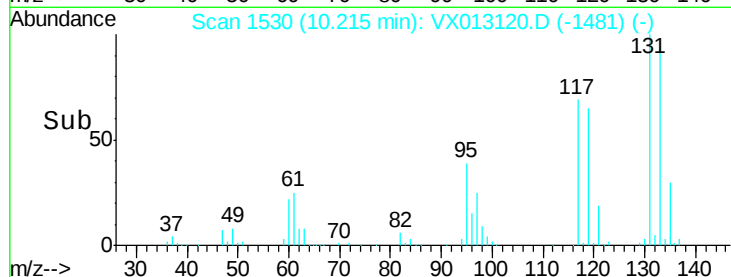
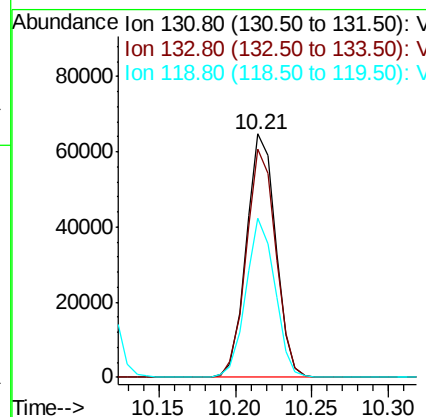
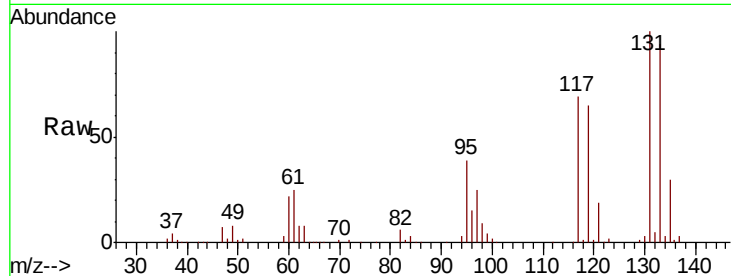
#66
 1,1,1,2-Tetrachloroethane
 Concen: 56.255 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.2	141.6
119	64.8	32.6	98.0

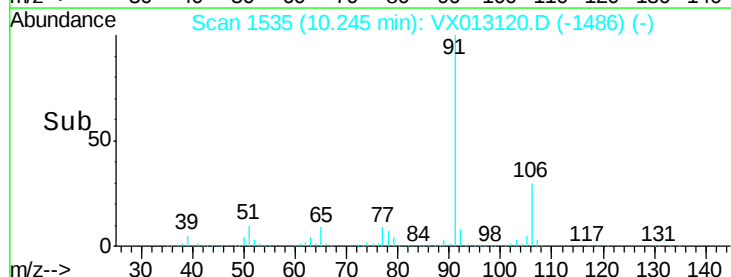
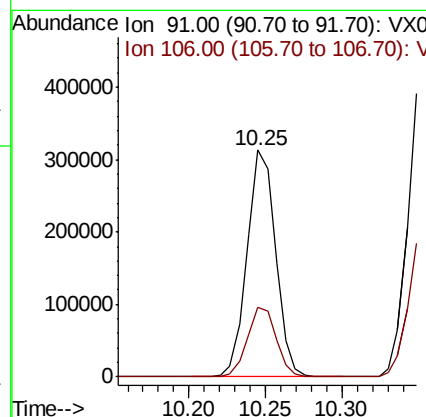
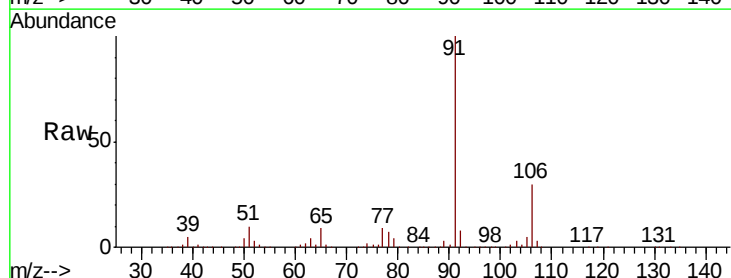
Manual Integrations
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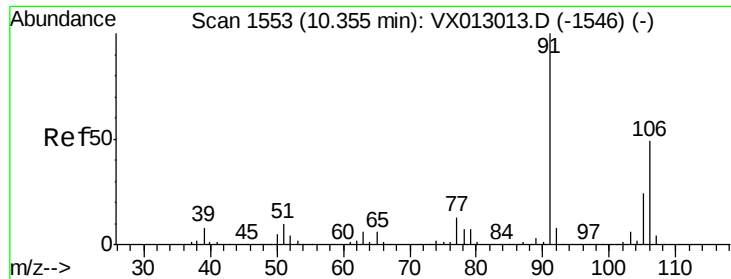
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 10/18/2019 10:05:15 AM



#67
 Ethyl Benzene
 Concen: 52.009 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.5	23.9	35.9





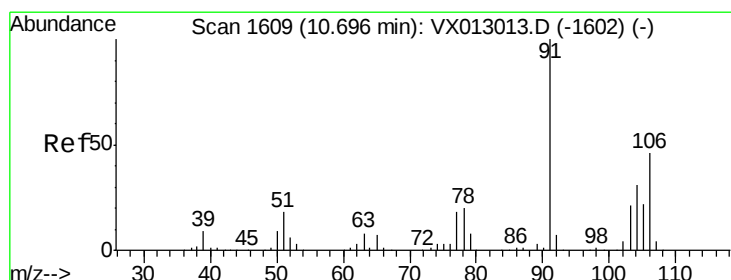
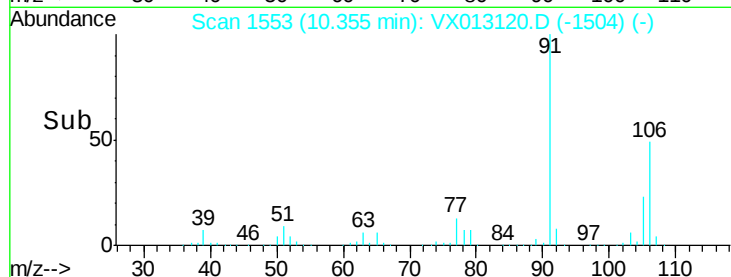
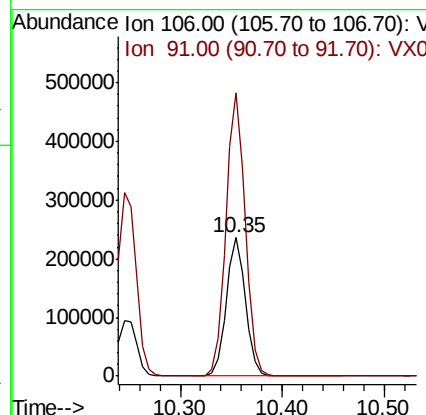
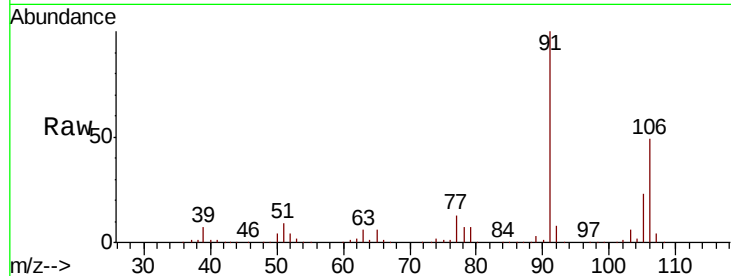
#68
m/p-Xylenes
Concen: 104.973 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

Tot Ion:106 Resp: 307553
Ion Ratio Lower Upper
106 100
91 206.1 165.3 247.9

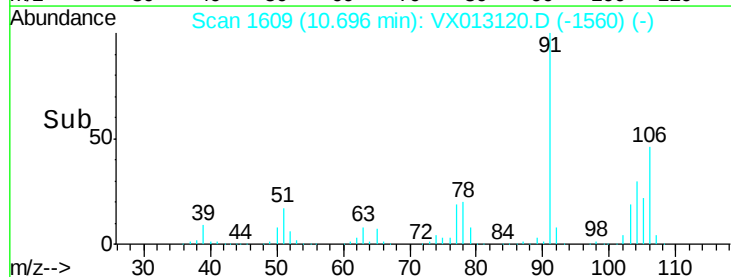
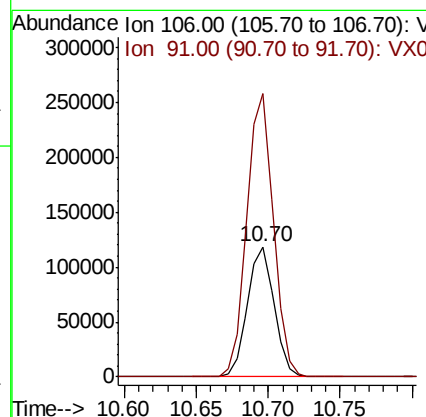
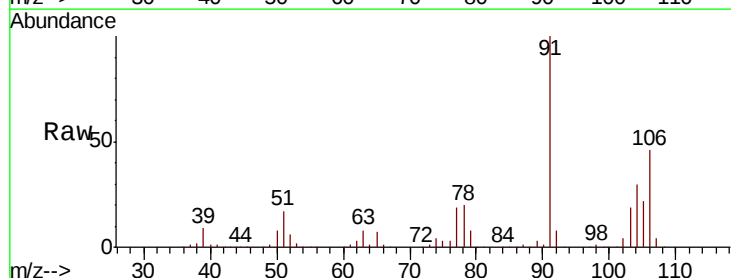
Manual Integrations
APPROVED

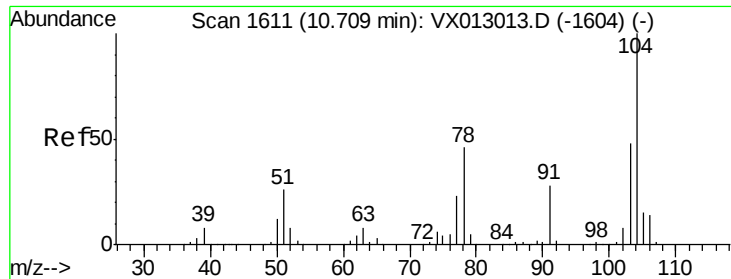
MMDadoda
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#69
o-Xylene
Concen: 53.181 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion:106 Resp: 151943
Ion Ratio Lower Upper
106 100
91 217.0 109.1 327.3





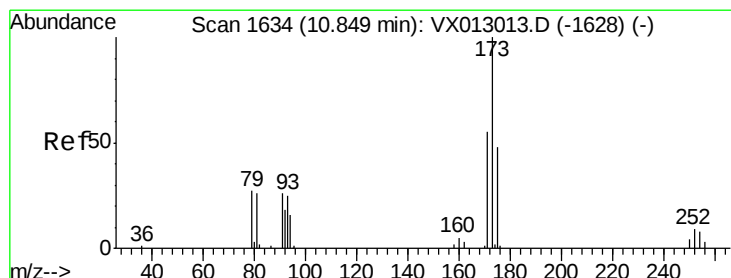
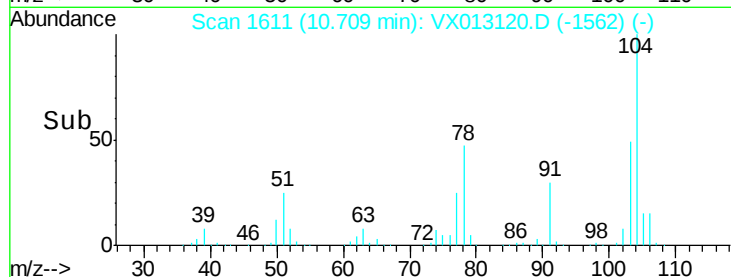
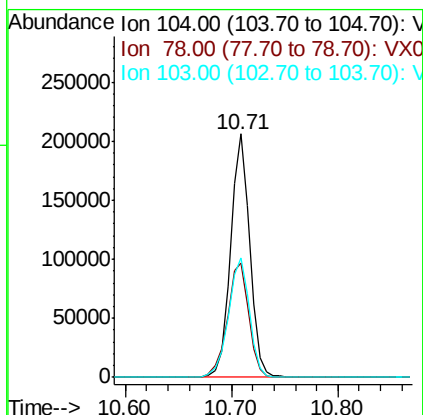
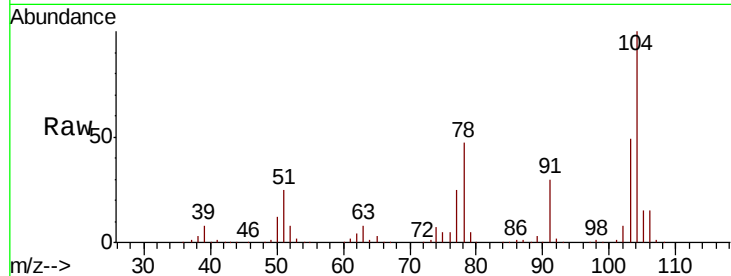
#70
Stvrene
Concen: 53.541 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.8	41.2	61.8
103	53.8	43.0	64.4

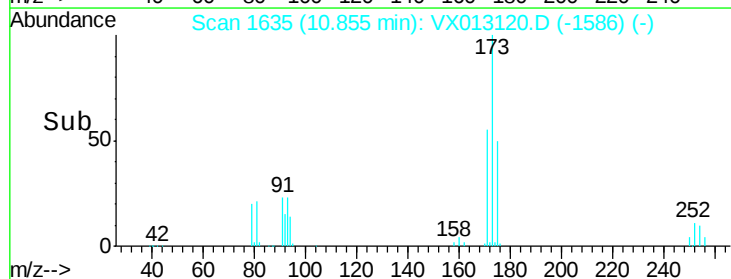
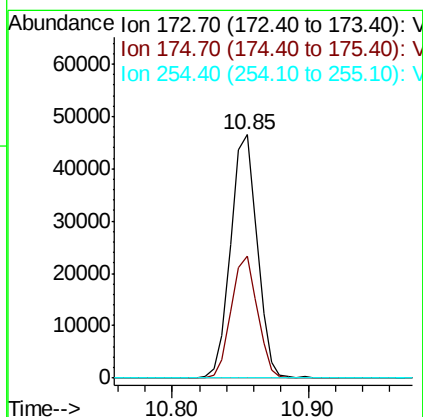
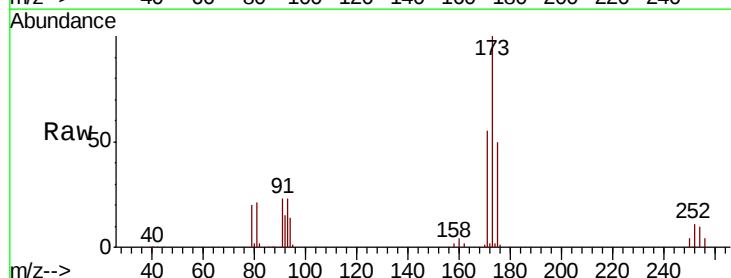
Manual Integrations
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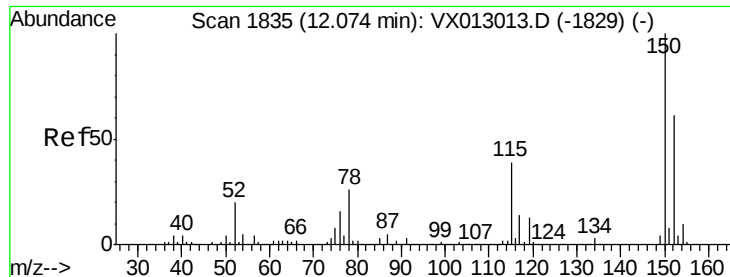
MMDadoda
10/18/2019 10:05:15 AM



#71
Bromoform
Concen: 48.559 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.1	72.3
254	0.2	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

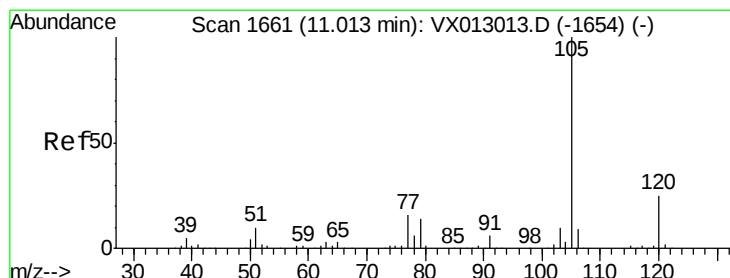
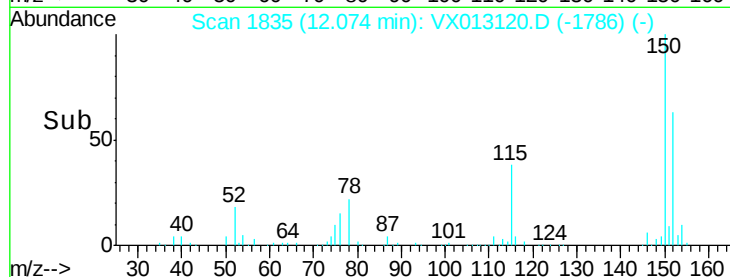
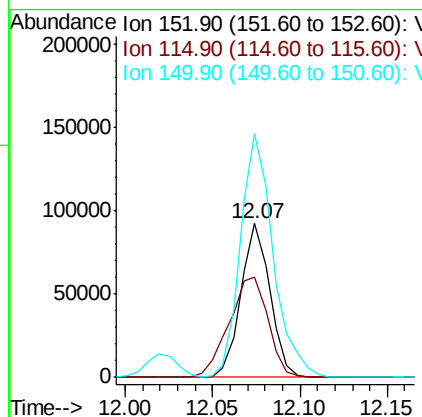
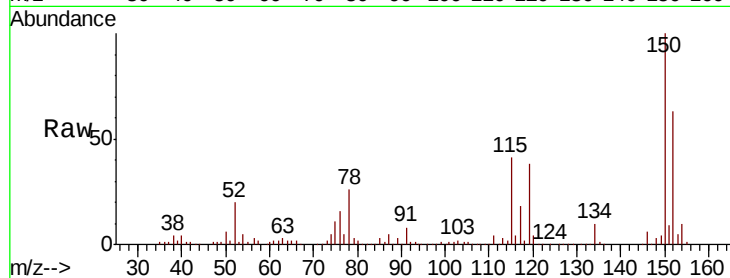
ClientSampleId :

FA19-JMW0301CMSD

Tot Ion:	152	Resp:	106600
Ion Ratio	Lower	Upper	
152	100		
115	87.2	44.5	133.5
150	178.3	0.0	353.4

Manual Integrations
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#73

Isopropylbenzene

Concen: 51.258 ug/l

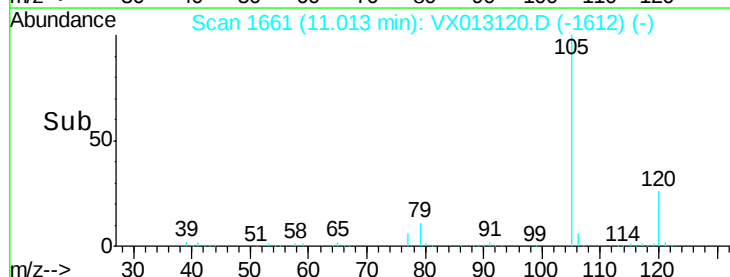
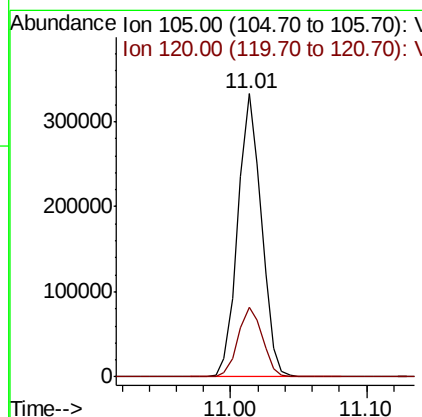
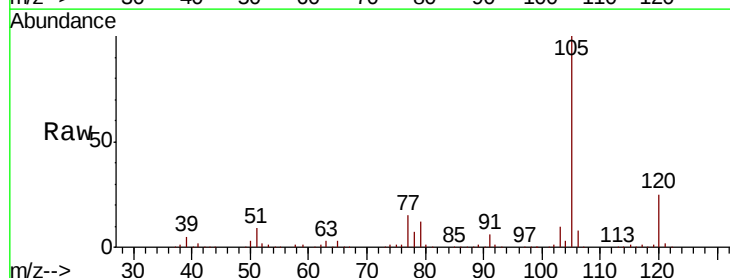
RT: 11.01 min Scan# 1661

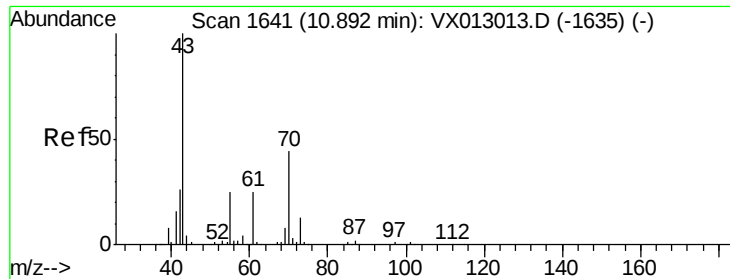
Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Tgt Ion:	105	Resp:	401732
Ion Ratio	Lower	Upper	
105	100		
120	25.5	13.0	39.0





#74

N-amvl acetate

Concen: 48.884 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

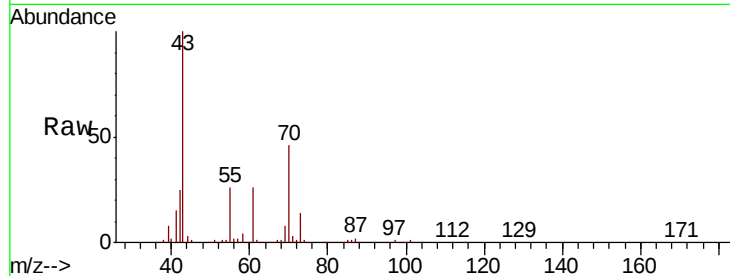
ClientSampleId :

FA19-JMW0301CMSD

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	46.0	36.4	54.6	
55	25.7	20.2	30.2	
61	25.1	20.5	30.7	

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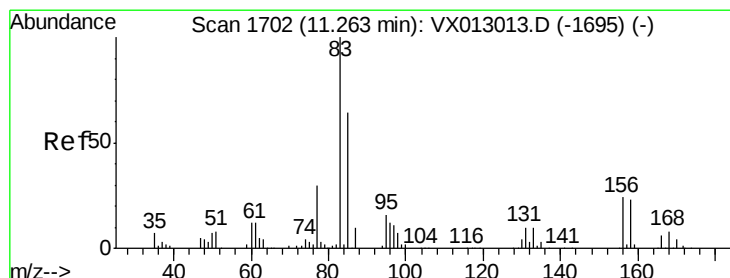
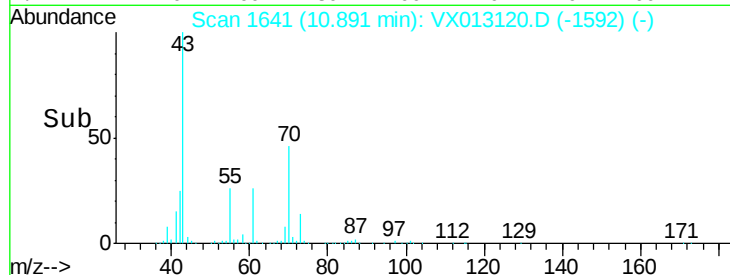
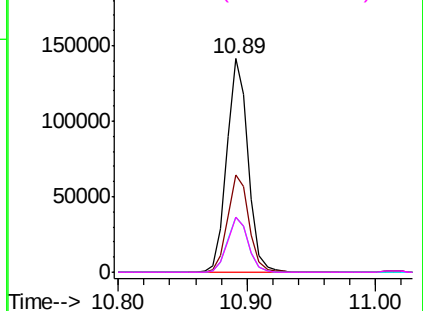
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 53.057 ug/l

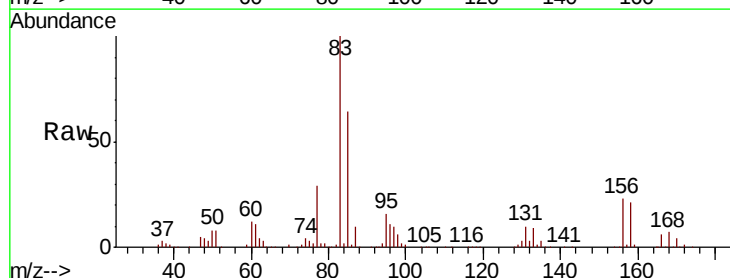
RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.2	5.1	15.3	
85	62.8	32.1	96.5	

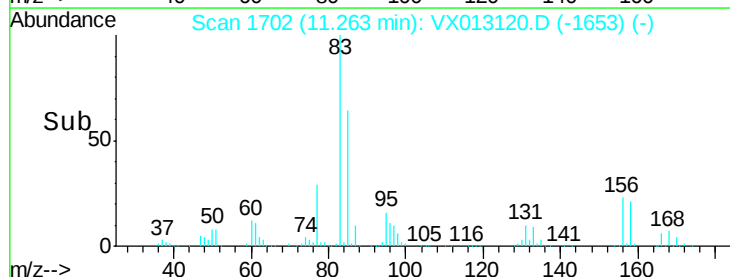
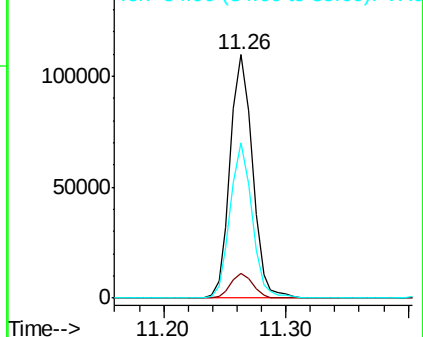


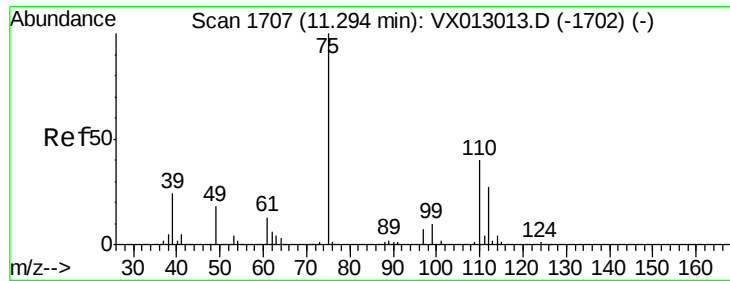
Abundance

Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





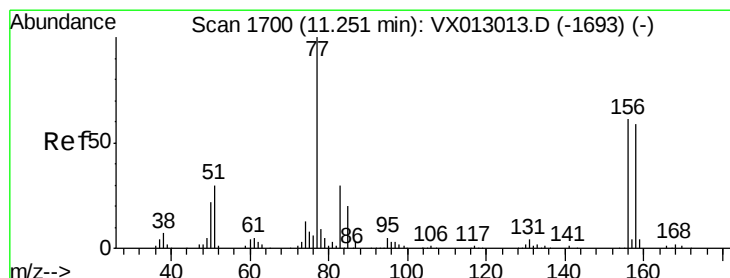
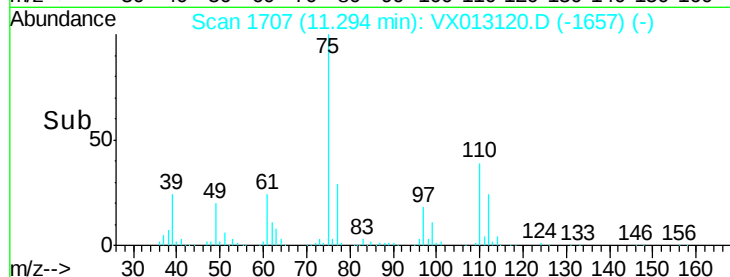
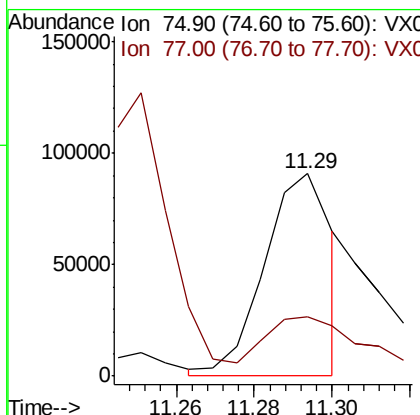
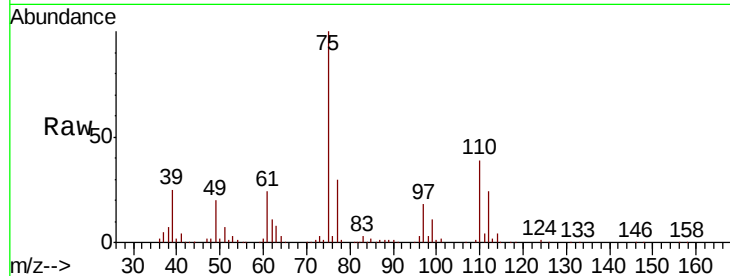
#76
1,2,3-Trichloropropane
Concen: 46.205 ug/l m
RT: 11.29 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

Tot Ion: 75 Resp: 109247
Ion Ratio Lower Upper
75 100
77 43.1 22.9 68.8

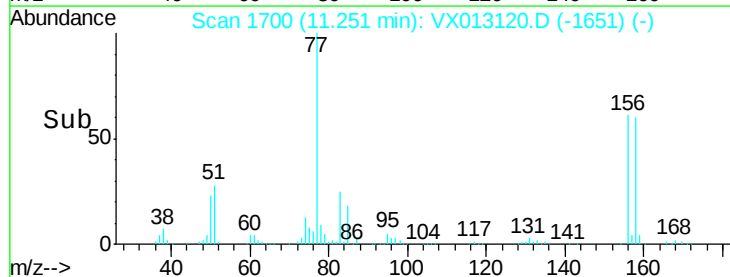
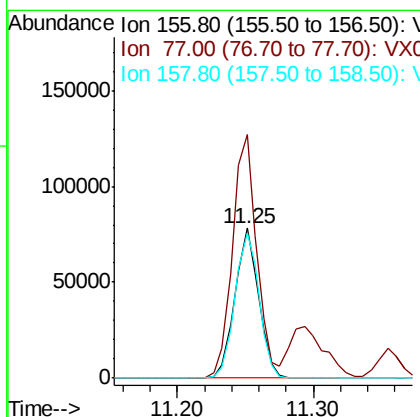
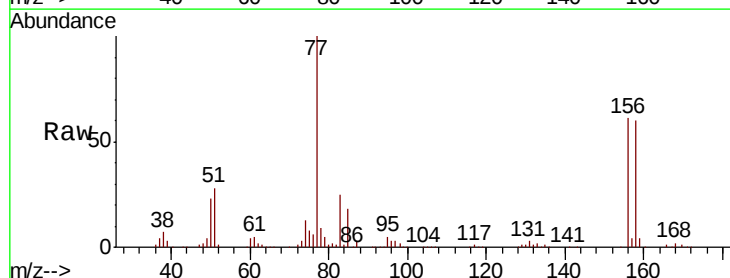
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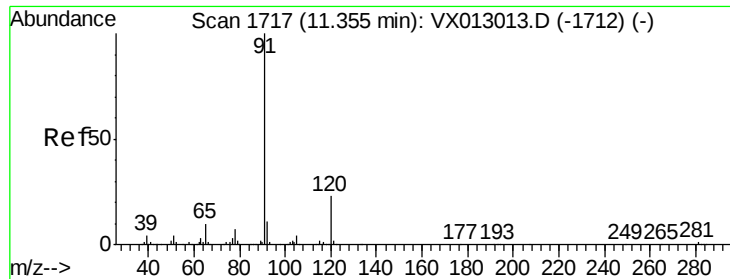
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#77
Bromobenzene
Concen: 51.332 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion: 156 Resp: 94804
Ion Ratio Lower Upper
156 100
77 166.3 83.7 251.0
158 98.7 48.6 145.9





#78

n-propylbenzene

Concen: 52.191 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

Tot Ion: 91 Resp: 450099

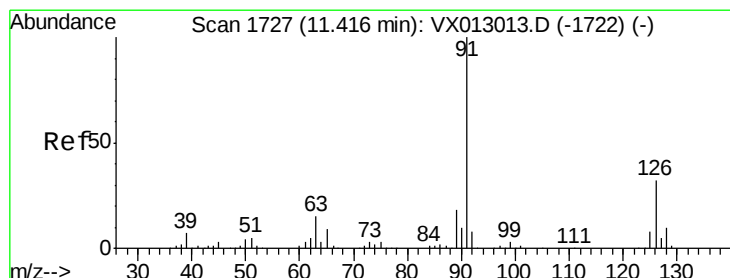
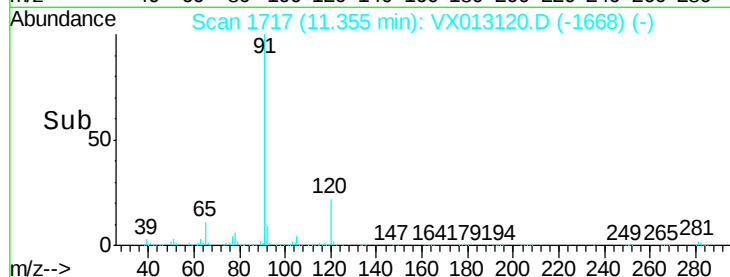
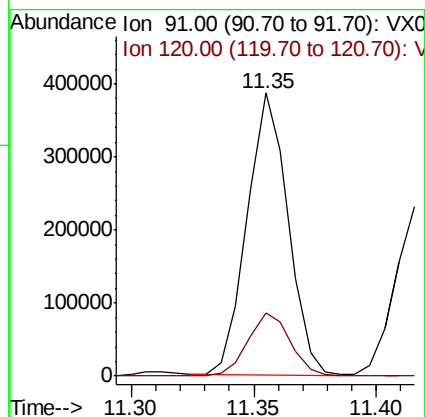
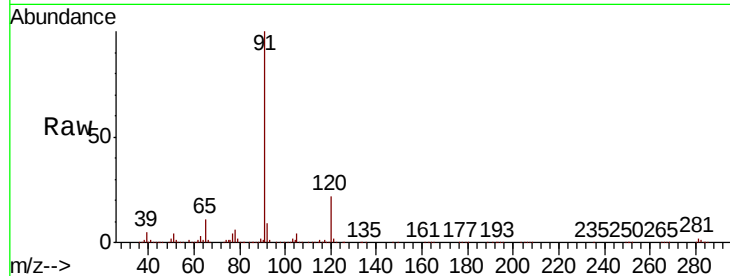
Ion Ratio Lower Upper

91 100

120 22.9 11.7 35.1

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#79

2-Chlorotoluene

Concen: 51.722 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013120.D

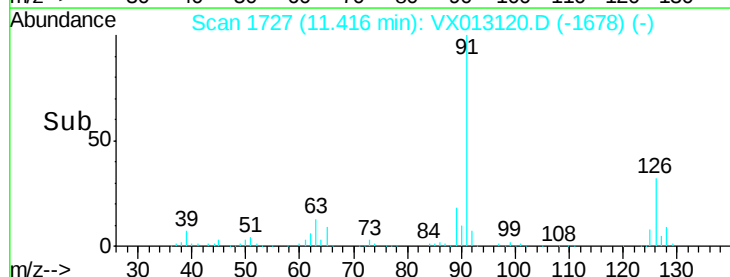
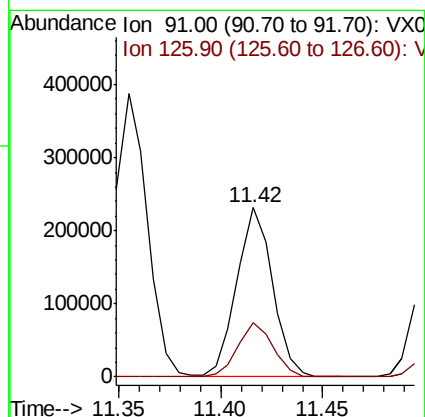
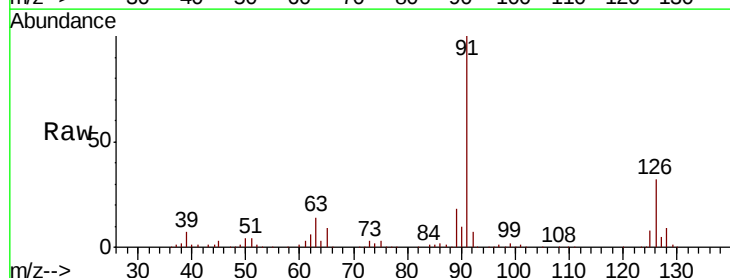
Acq: 17 Oct 2019 20:14

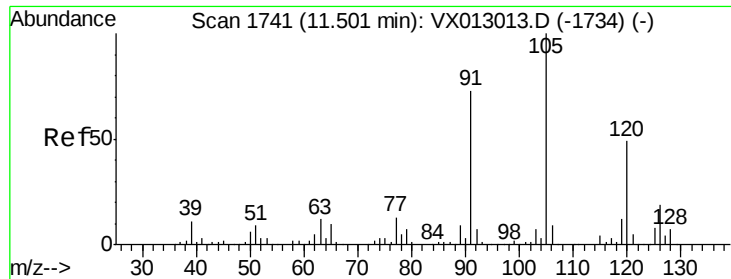
Tgt Ion: 91 Resp: 280329

Ion Ratio Lower Upper

91 100

126 32.0 16.3 48.8





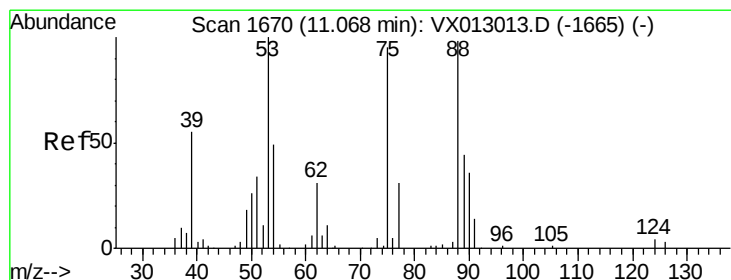
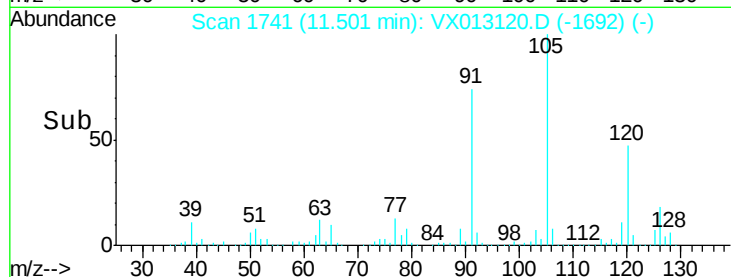
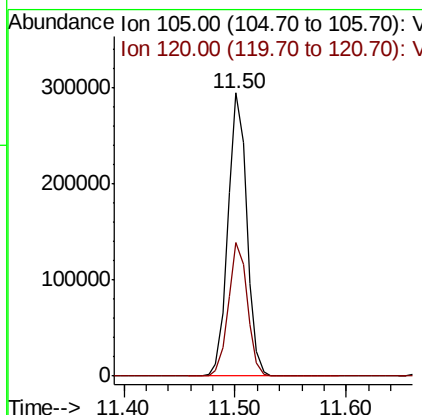
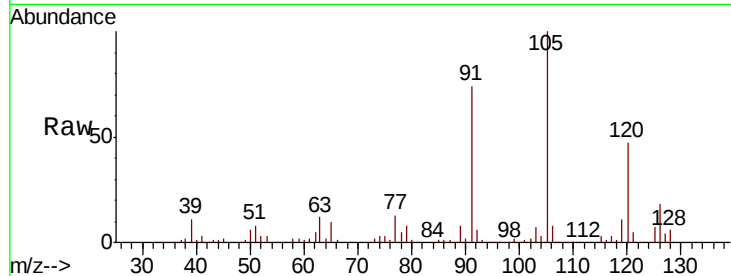
#80
 1,3,5-Trimethylbenzene
 Concen: 52.467 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMSD

Tot Ion:105 Resp: 343360
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.8 74.3

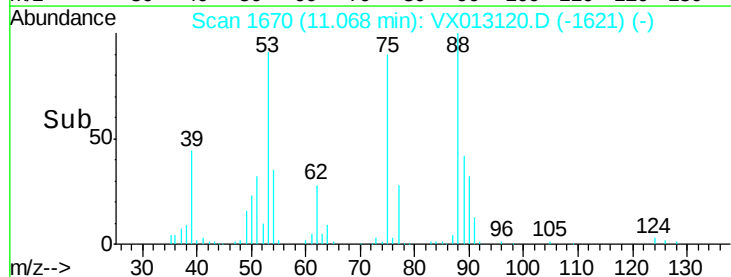
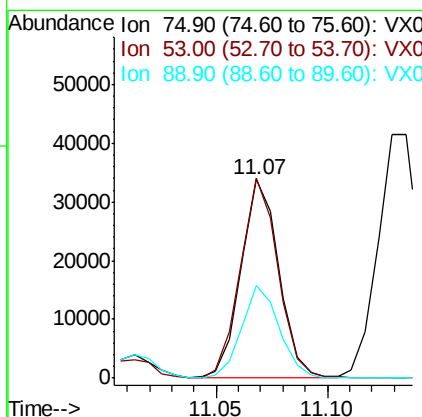
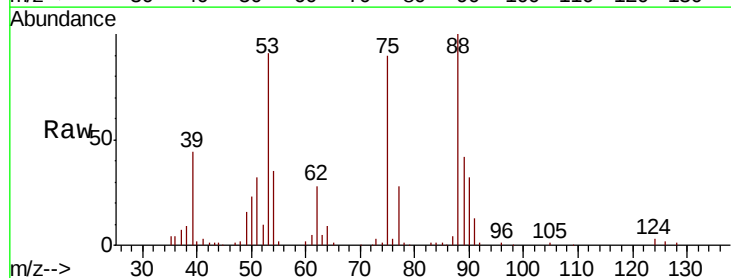
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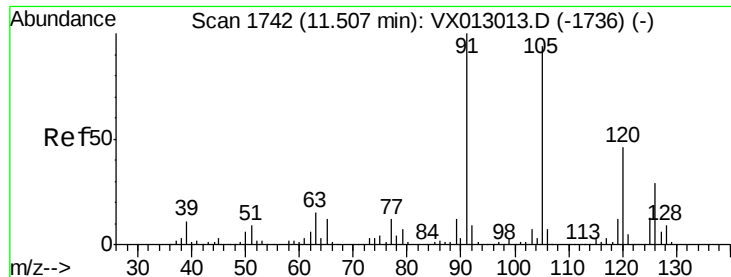
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.015 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Tgt Ion: 75 Resp: 39981
 Ion Ratio Lower Upper
 75 100
 53 101.4 78.5 117.7
 89 46.8 37.4 56.2





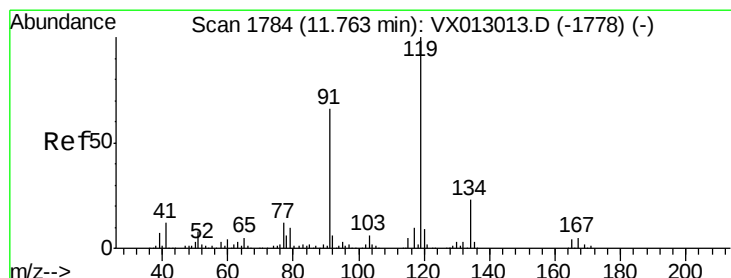
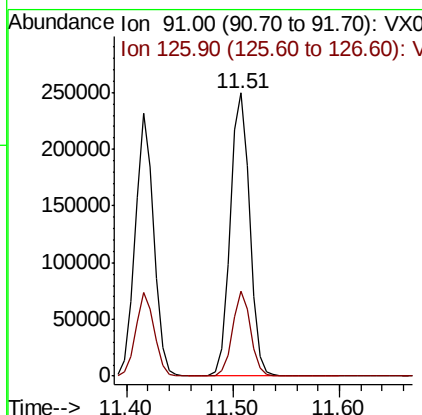
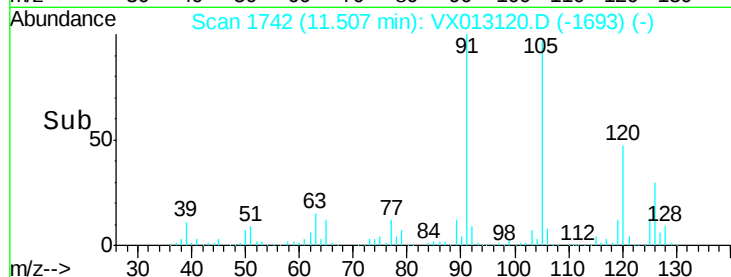
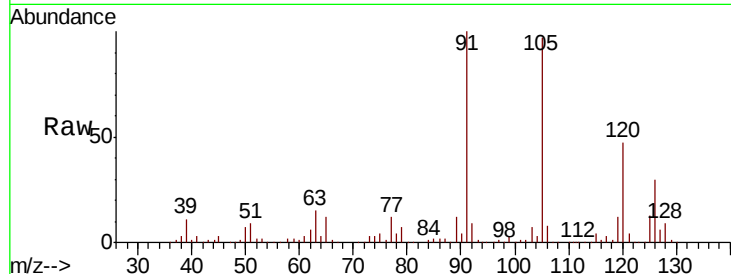
#82
4-Chlorotoluene
Concen: 51.556 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

Tot Ion: 91 Resp: 320281
Ion Ratio Lower Upper
91 100
126 27.9 14.2 42.6

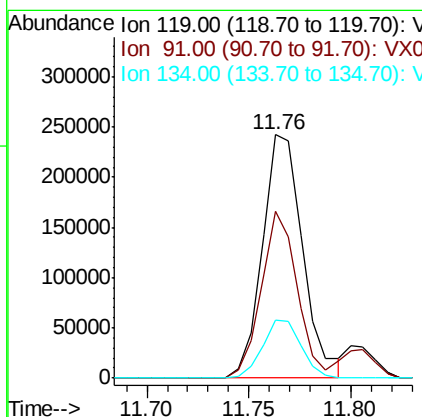
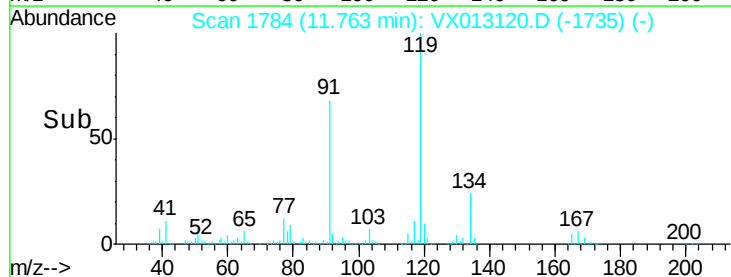
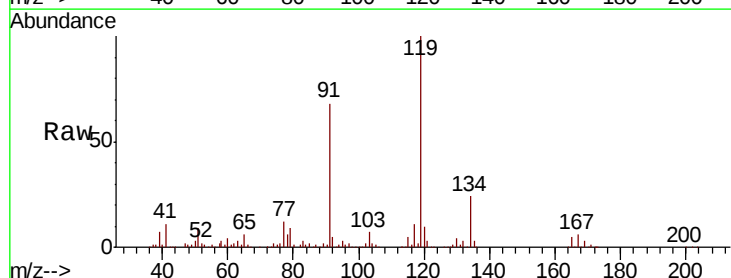
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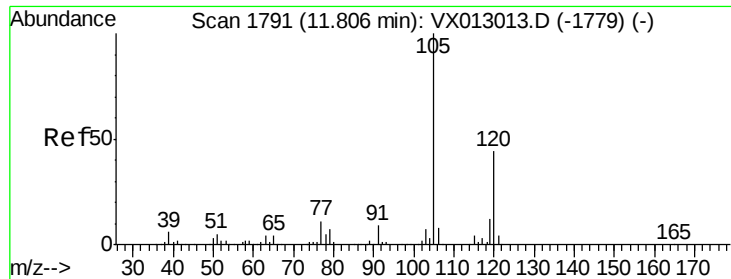
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#83
tert-Butylbenzene
Concen: 52.316 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion: 119 Resp: 333977
Ion Ratio Lower Upper
119 100
91 60.8 29.3 87.9
134 23.0 11.5 34.4





#84

1,2,4-Trimethylbenzene

Concen: 51.925 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

Tot Ion:105 Resp: 344153

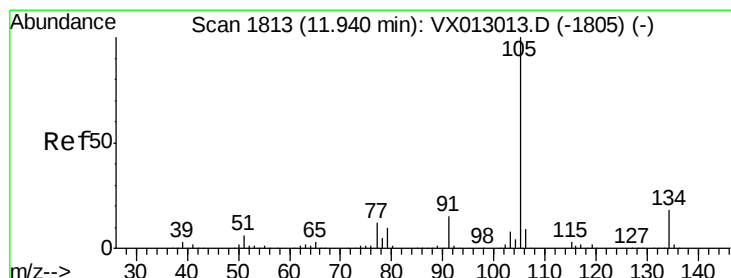
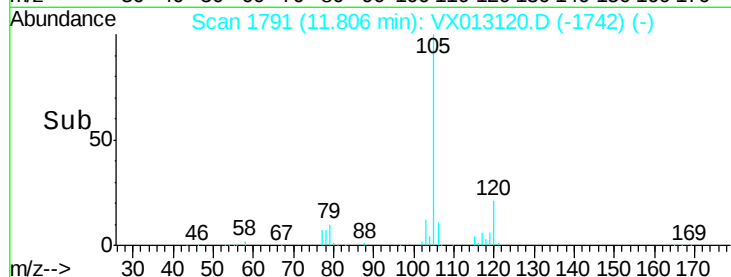
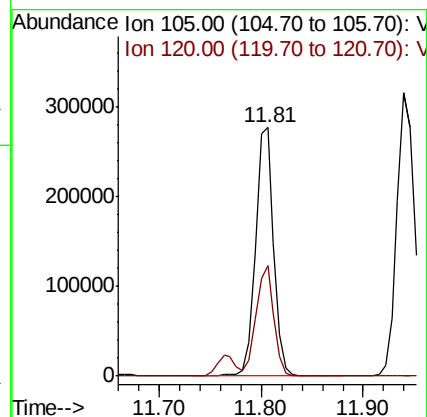
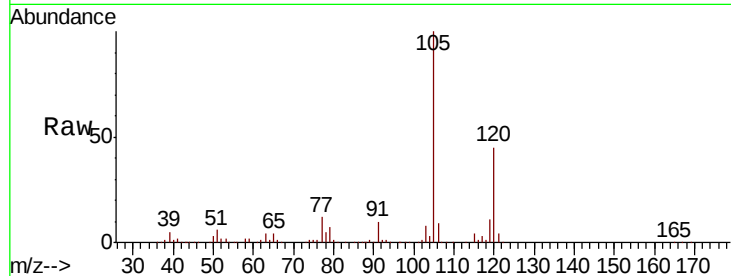
Ion Ratio Lower Upper

105 100

120 43.5 21.8 65.3

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#85

sec-Butylbenzene

Concen: 51.843 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013120.D

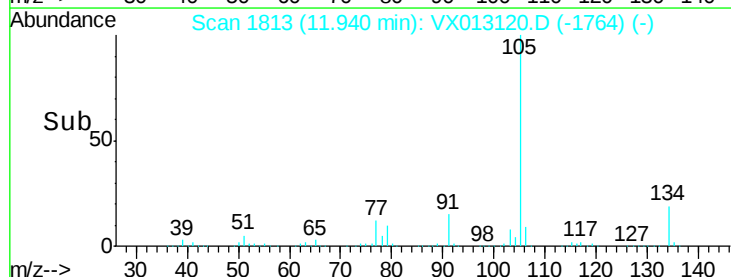
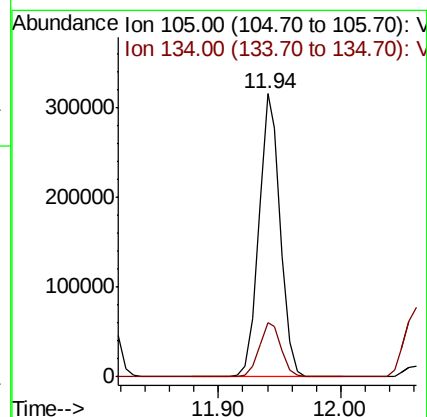
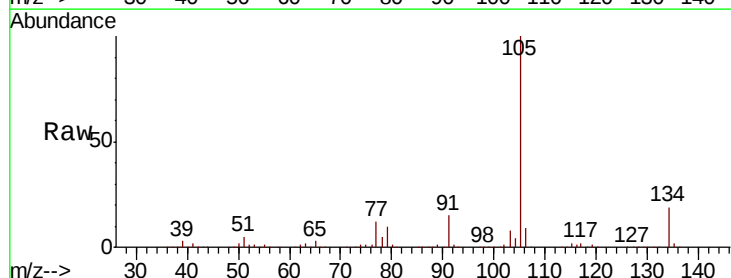
Acq: 17 Oct 2019 20:14

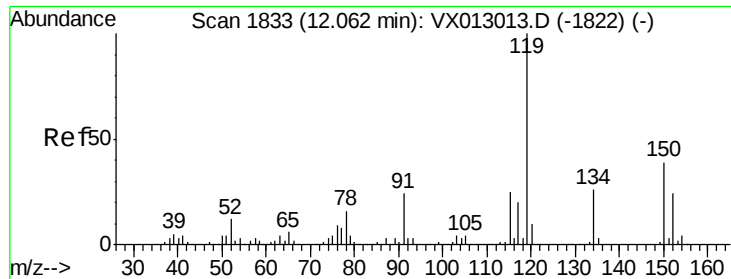
Tgt Ion:105 Resp: 383430

Ion Ratio Lower Upper

105 100

134 19.7 10.0 30.0





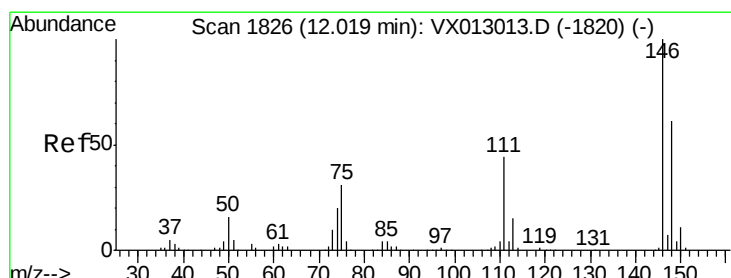
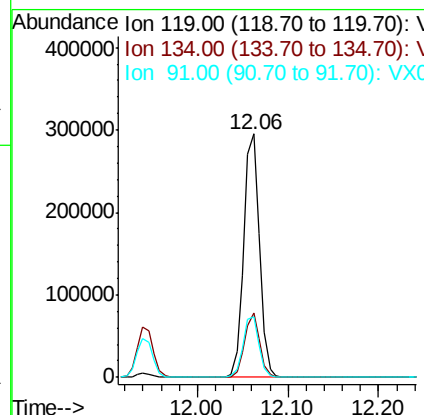
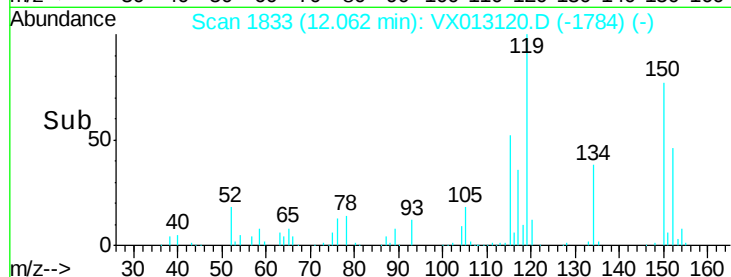
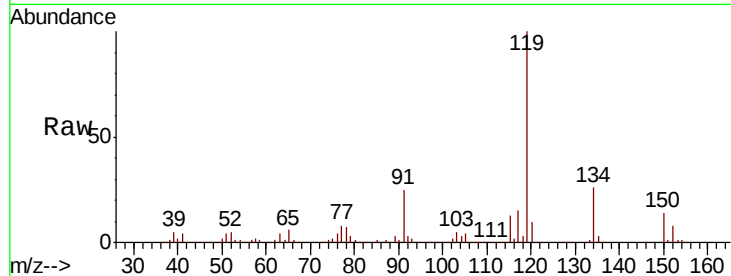
#86
 p-Isopropyltoluene
 Concen: 51.781 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100			
134	25.1	12.6	37.8	
91	25.1	12.4	37.4	

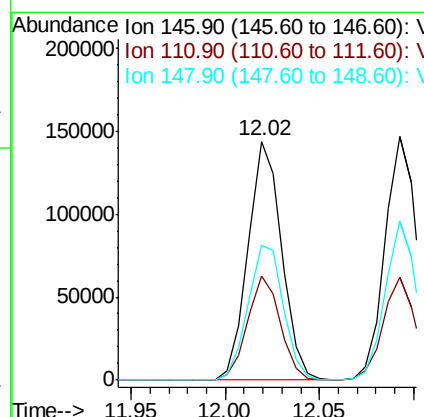
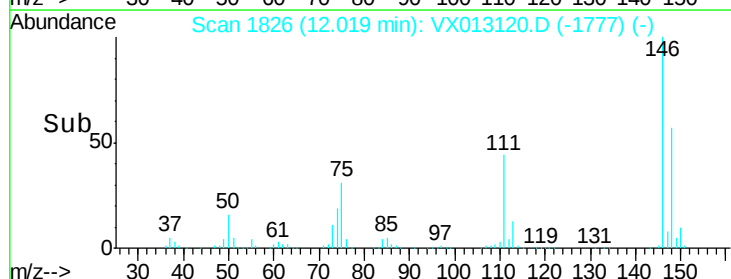
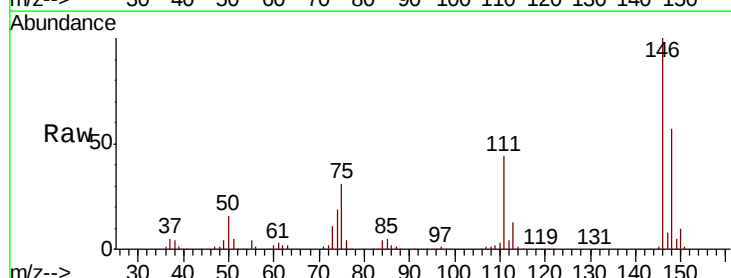
Manual Integrations
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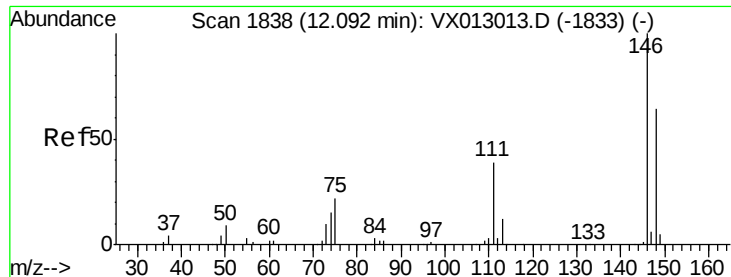
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#87
 1,3-Dichlorobenzene
 Concen: 51.927 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	42.8	21.1	63.4	
148	59.8	31.6	95.0	





#88

1,4-Dichlorobenzene

Concen: 50.556 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

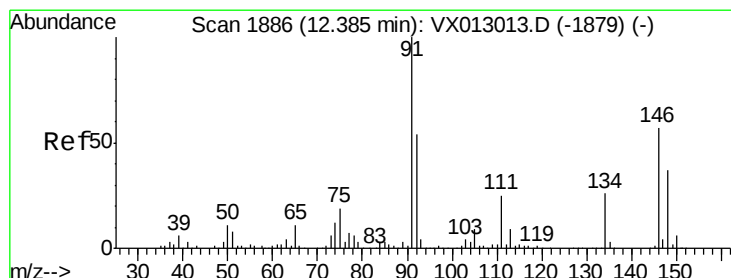
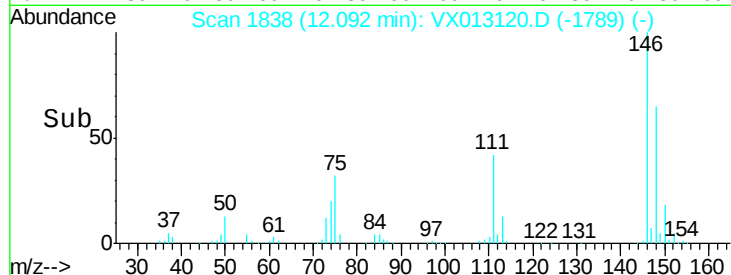
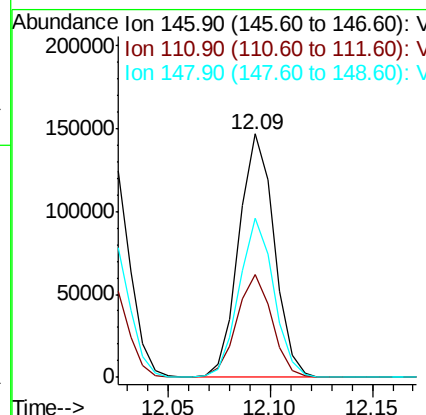
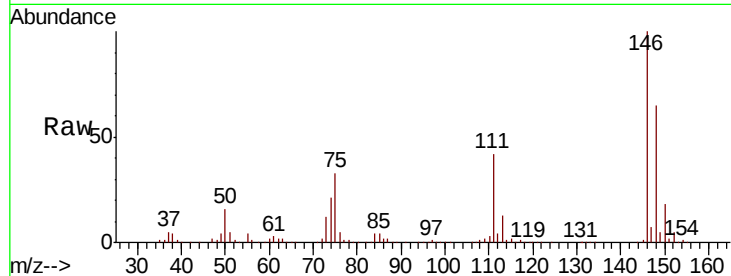
ClientSampleId :

FA19-JMW0301CMSD

Tot Ion:	146	Resp:	175605
Ion Ratio	Lower	Upper	
146	100		
111	42.3	21.4	64.3
148	64.4	32.1	96.5

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#89

n-Butylbenzene

Concen: 50.711 ug/l

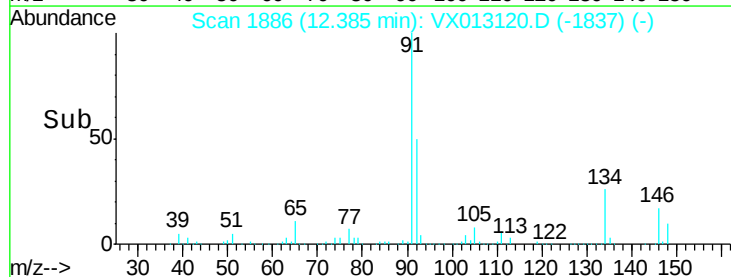
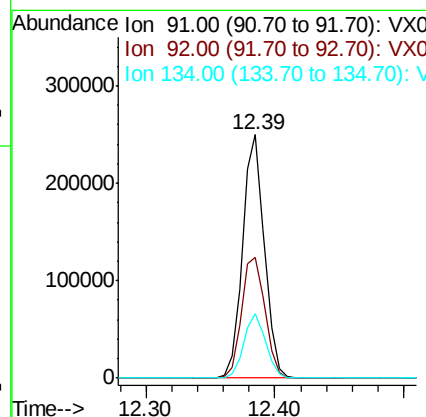
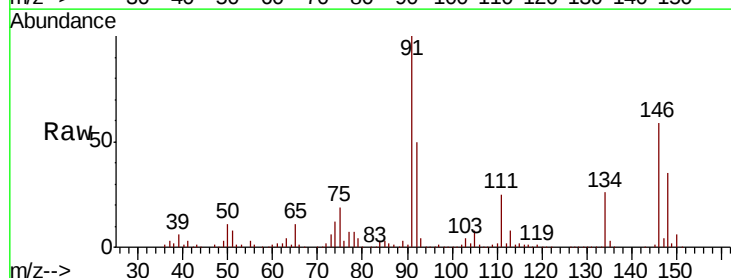
RT: 12.39 min Scan# 1886

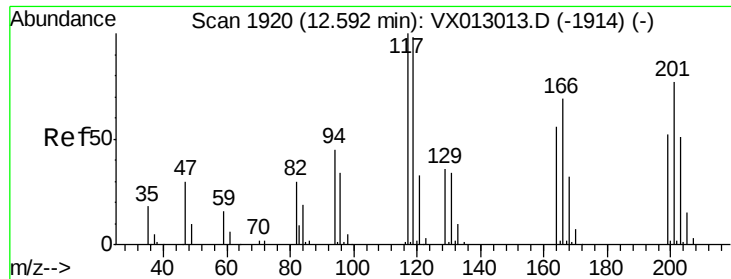
Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Tgt Ion:	91	Resp:	292347
Ion Ratio	Lower	Upper	
91	100		
92	53.7	27.5	82.5
134	26.3	12.9	38.7





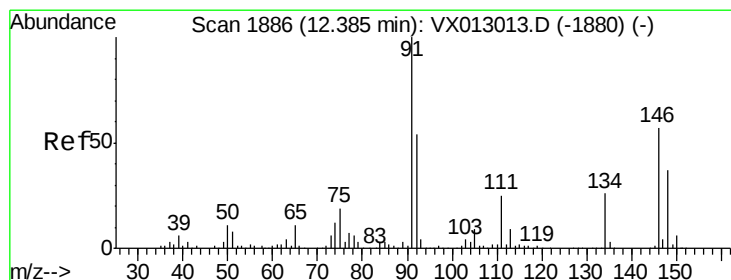
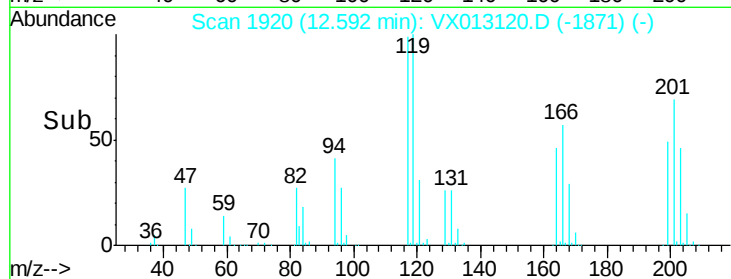
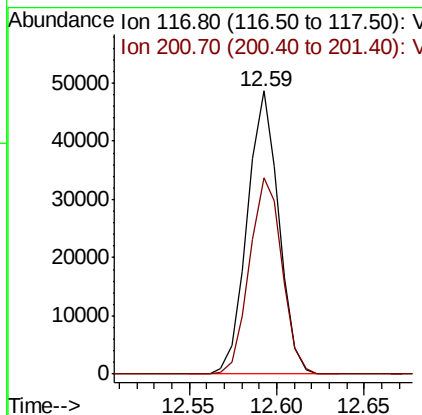
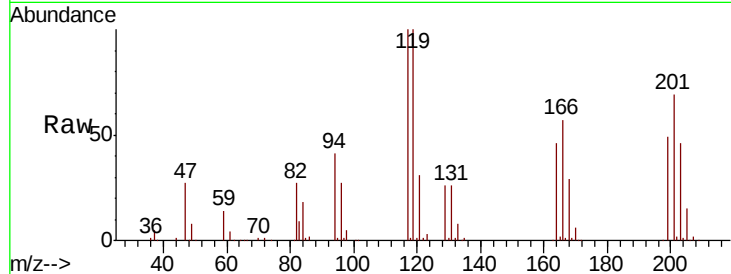
#90
Hexachloroethane
Concen: 48.167 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMSD

Tot Ion:117 Resp: 61090
Ion Ratio Lower Upper
117 100
201 71.9 36.9 110.7

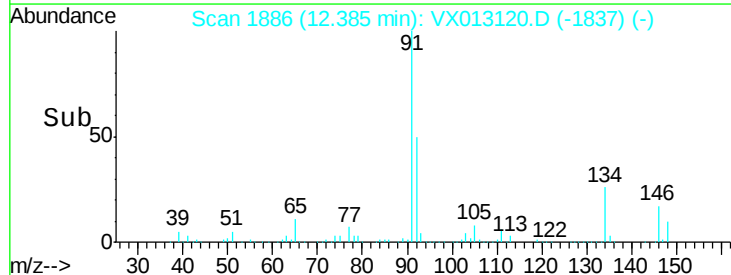
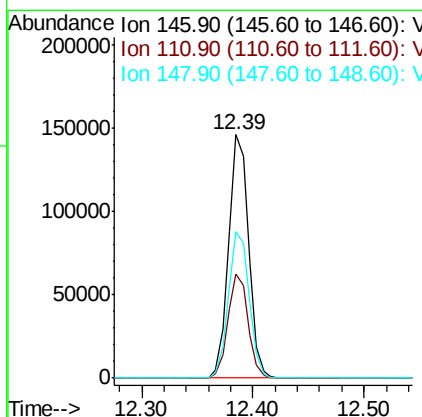
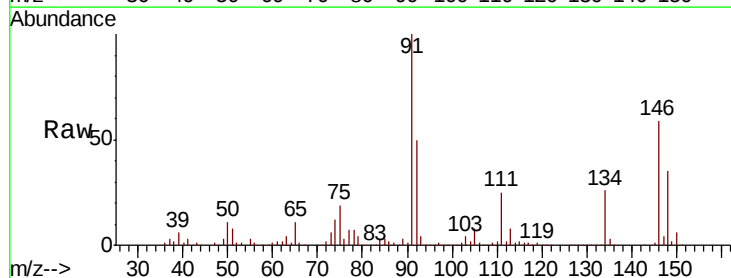
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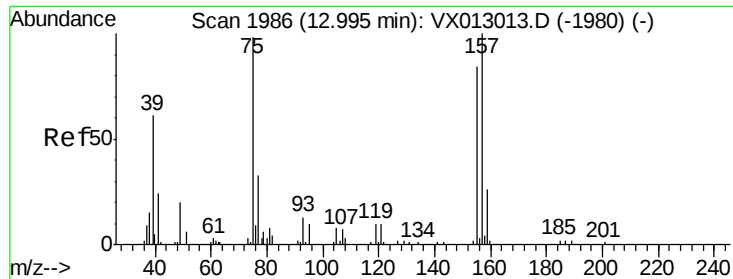
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#91
1,2-Dichlorobenzene
Concen: 54.058 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013120.D
Acq: 17 Oct 2019 20:14

Tgt Ion:146 Resp: 181757
Ion Ratio Lower Upper
146 100
111 42.9 22.7 68.0
148 62.3 31.6 94.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 52.228 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMSD

Tot Ion: 75 Resp: 31910

Ion Ratio Lower Upper

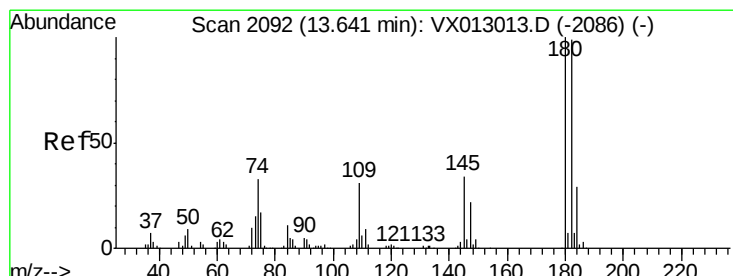
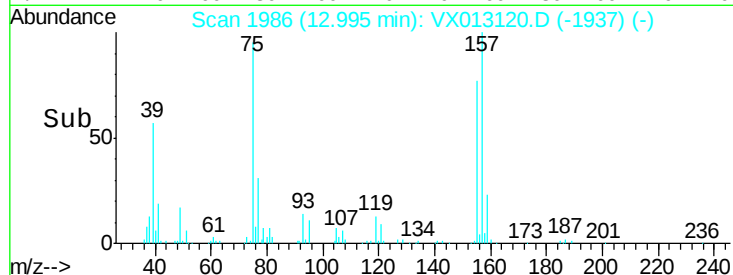
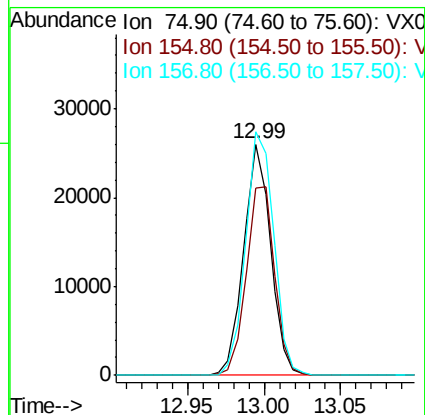
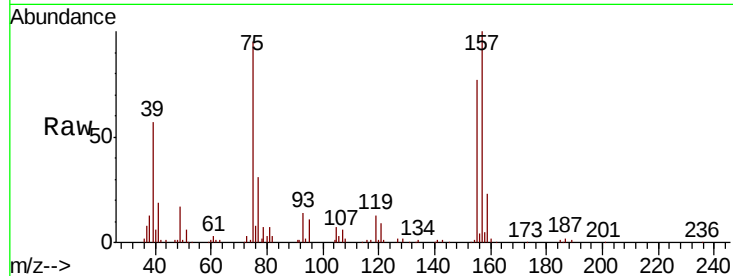
75 100

155 85.7 43.0 128.8

157 109.4 54.1 162.3

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#93

1,2,4-Trichlorobenzene

Concen: 51.783 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

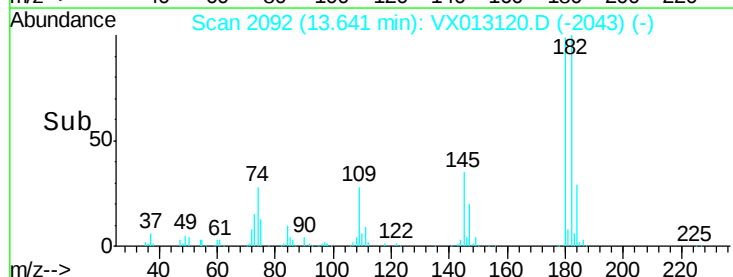
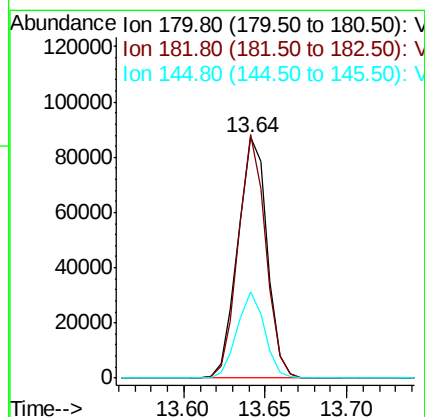
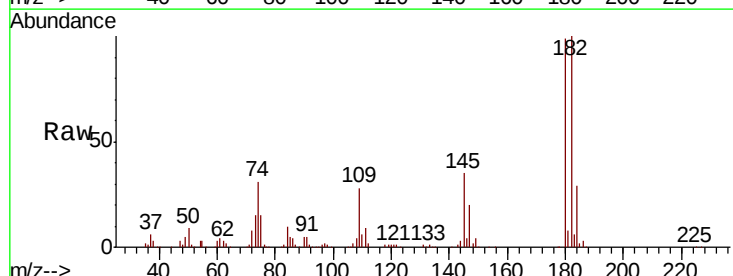
Tgt Ion: 180 Resp: 109066

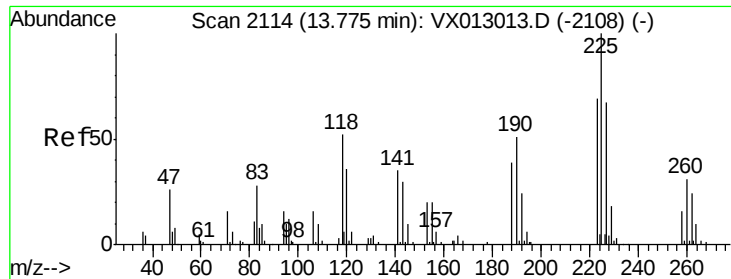
Ion Ratio Lower Upper

180 100

182 94.6 46.8 140.4

145 33.3 16.2 48.6





#94

Hexachlorobutadiene

Concen: 49.033 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Instrument :

MSVOA_X

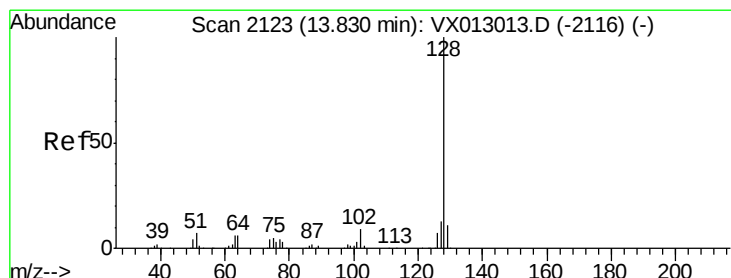
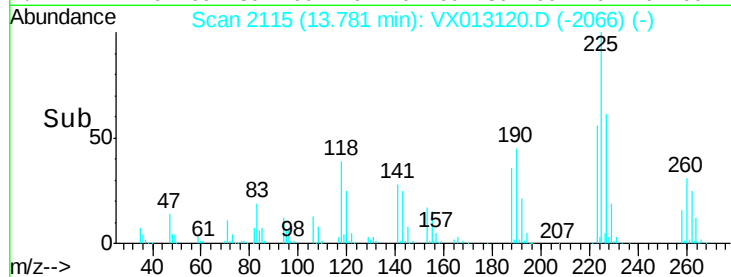
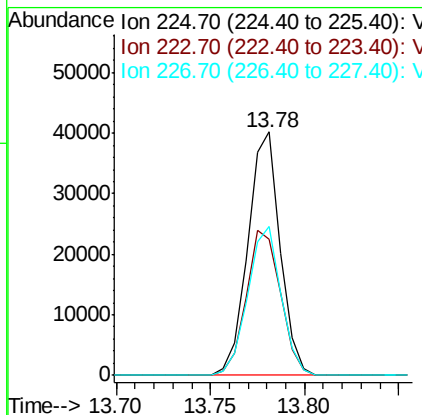
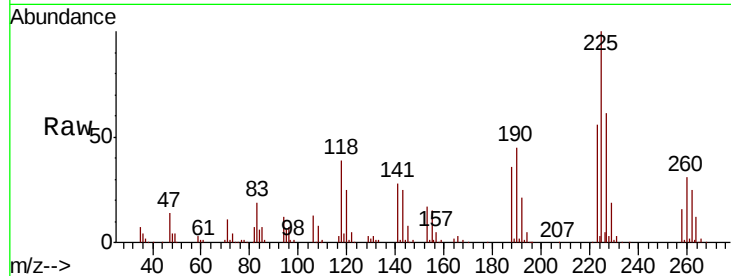
ClientSampleId :

FA19-JMW0301CMSD

Tot Ion:	225	Resp:	47661
Ion Ratio	Lower	Upper	
225	100		
223	63.3	31.1	93.2
227	62.9	32.3	96.9

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#95

Naphthalene

Concen: 49.470 ug/l

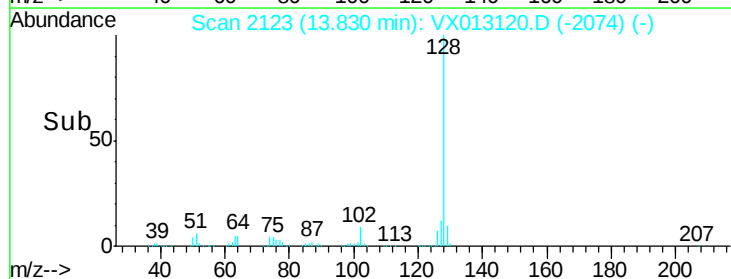
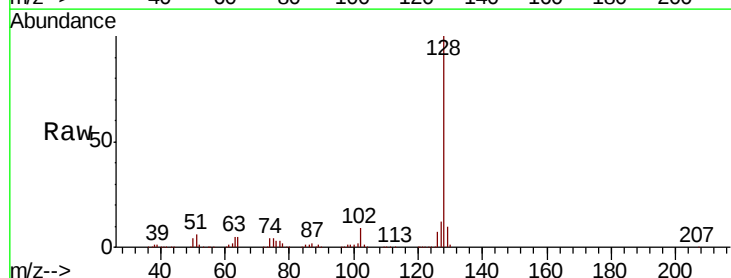
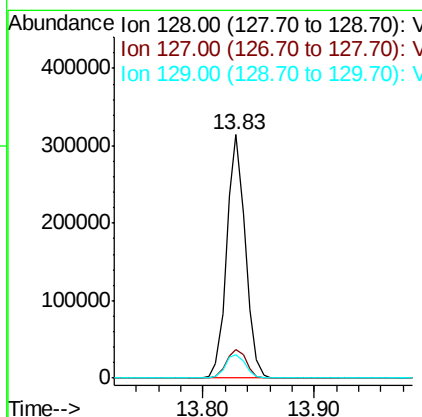
RT: 13.83 min Scan# 2123

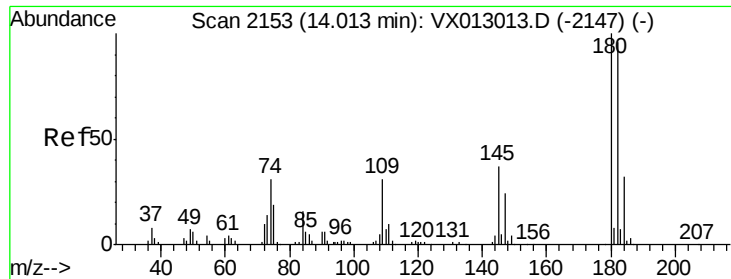
Delta R.T. -0.00 min

Lab File: VX013120.D

Acq: 17 Oct 2019 20:14

Tgt Ion:	128	Resp:	361195
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.5	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 49.373 ug/l
 RT: 14.02 min Scan# 2154
 Delta R.T. 0.01 min
 Lab File: VX013120.D
 Acq: 17 Oct 2019 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	98.2	47.5	142.5
145	34.8	17.4	52.3

Manual Integrations
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