

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
 Data File : VX013119.D
 Acq On : 17 Oct 2019 19:51
 Operator : JC/SP
 Sample : K5396-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 10:05:11 AM

Quant Time: Oct 18 08:34:35 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	147295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	246201	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	222296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106877	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	90387	49.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.20%	
35) Dibromofluoromethane	5.48	113	70642	49.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.98%	
50) Toluene-d8	8.71	98	263342	47.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.56%	
62) 4-Bromofluorobenzene	11.14	95	104217	48.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	71865	47.865	ug/l	99
3) Chloromethane	1.32	50	75225	46.037	ug/l	97
4) Vinyl Chloride	1.40	62	77675	46.056	ug/l	98
5) Bromomethane	1.63	94	33029	47.112	ug/l	99
6) Chloroethane	1.71	64	49234	47.807	ug/l	99
7) Trichlorofluoromethane	1.92	101	120994	53.153	ug/l	95
8) Diethyl Ether	2.18	74	46505	50.614	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77986	52.935	ug/l	98
10) Methyl Iodide	2.50	142	95162	56.304	ug/l	99
11) Tert butyl alcohol	3.04	59	116360	238.427	ug/l	98
12) 1,1-Dichloroethene	2.36	96	76658	51.501	ug/l	95
13) Acrolein	2.28	56	99538	286.999	ug/l	98
14) Allyl chloride	2.72	41	129545	48.870	ug/l	98
15) Acrylonitrile	3.13	53	243175	262.933	ug/l	99
16) Acetone	2.44	43	205848	212.129	ug/l	99
17) Carbon Disulfide	2.56	76	177532	41.829	ug/l	99
18) Methyl Acetate	2.76	43	108288	47.080	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	284616	55.370	ug/l	100
20) Methylene Chloride	2.84	84	89403	50.131	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	81342	50.986	ug/l	95
22) Diisopropyl ether	3.84	45	265972	52.363	ug/l	94
23) Vinyl Acetate	3.80	43	1056017	240.829	ug/l	100
24) 1,1-Dichloroethane	3.69	63	151904	53.159	ug/l	100
25) 2-Butanone	4.66	43	329235	244.551	ug/l	100
26) 2,2-Dichloropropane	4.57	77	109567	45.597	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	106640	57.989	ug/l	96
28) Bromochloromethane	5.00	49	45082	52.815	ug/l	94
29) Tetrahydrofuran	5.12	42	208681	251.891	ug/l	96
30) Chloroform	5.20	83	157338	53.661	ug/l	98
31) Cyclohexane	5.57	56	126109	47.196	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	141084	56.788	ug/l	98
36) 1,1-Dichloropropene	5.79	75	112620	52.028	ug/l	100
37) Ethyl Acetate	4.83	43	130700	53.998	ug/l	99
38) Carbon Tetrachloride	5.78	117	114888	54.529	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101719\
 Data File : VX013119.D
 Acq On : 17 Oct 2019 19:51
 Operator : JC/SP
 Sample : K5396-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 10:05:11 AM

Quant Time: Oct 18 08:34:35 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)
39) Methylcyclohexane	7.46	83	132589	50.508	ug/l	97
40) Benzene	6.13	78	345114	53.981	ug/l	99
41) Methacrylonitrile	5.03	41	69159	51.999	ug/l	98
42) 1,2-Dichloroethane	6.18	62	127615	55.628	ug/l	99
43) Isopropyl Acetate	6.43	43	196704	50.633	ug/l	99
44) Trichloroethene	7.20	130	127426	71.876	ug/l	96
45) 1,2-Dichloropropane	7.51	63	89639	55.013	ug/l	98
46) Dibromomethane	7.65	93	60683	55.897	ug/l	97
47) Bromodichloromethane	7.89	83	120809	57.023	ug/l	97
48) Methyl methacrylate	7.76	41	100587	53.132	ug/l	99
49) 1,4-Dioxane	7.73	88	50542	995.025	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	647155	267.182	ug/l	99
52) Toluene	8.78	92	218293	53.371	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	127115	48.162	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	139266	53.447	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	92489	57.140	ug/l	98
56) Ethyl methacrylate	9.17	69	146548	50.540	ug/l	97
57) 1,3-Dichloropropane	9.37	76	153923	54.974	ug/l	99
59) 2-Hexanone	9.49	43	497658	263.941	ug/l	98
60) Dibromochloromethane	9.58	129	94344	52.288	ug/l	100
61) 1,2-Dibromoethane	9.67	107	95053	55.824	ug/l	100
64) Tetrachloroethene	9.33	164	87565	56.792	ug/l	96
65) Chlorobenzene	10.14	112	237996	53.913	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	89052	58.181	ug/l	99
67) Ethyl Benzene	10.25	91	425816	54.304	ug/l	99
68) m/p-Xylenes	10.35	106	323089	110.293	ug/l	99
69) o-Xylene	10.70	106	155984	54.604	ug/l	100
70) Stvrene	10.71	104	274155	56.453	ug/l	100
71) Bromoform	10.85	173	65893	50.502	ug/l #	98
73) Isopropylbenzene	11.01	105	421103	53.590	ug/l	100
74) N-amyl acetate	10.89	43	164757	48.684	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	136316	52.158	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	114443m	48.278	ug/l	
77) Bromobenzene	11.25	156	101033	54.563	ug/l	97
78) n-propylbenzene	11.35	91	454987	52.621	ug/l	99
79) 2-Chlorotoluene	11.42	91	283658	52.200	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	345750	52.695	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	41240	45.166	ug/l	98
82) 4-Chlorotoluene	11.51	91	336398	54.010	ug/l	100
83) tert-Butylbenzene	11.76	119	336945	52.644	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	360930	54.315	ug/l	100
85) sec-Butylbenzene	11.94	105	394401	53.188	ug/l	98
86) p-Isopropyltoluene	12.06	119	364286	52.970	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	184366	53.617	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	182304	52.349	ug/l	99
89) n-Butylbenzene	12.39	91	302085	52.264	ug/l	98
90) Hexachloroethane	12.59	117	63482	49.846	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	185109	54.912	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	33236	54.257	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	109602	51.902	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101719\
Data File : VX013119.D
Acq On : 17 Oct 2019 19:51
Operator : JC/SP
Sample : K5396-06MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

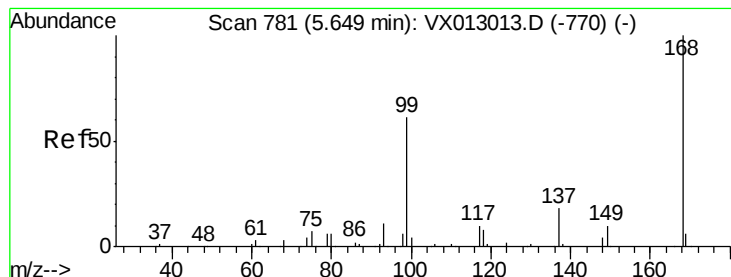
Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:11 AM

Quant Time: Oct 18 08:34:35 2019
Quant Method : Z:\V0ASRV\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)
94) Hexachlorobutadiene	13.78	225	49493	50.785	ug/l	98
95) Naphthalene	13.83	128	362776	49.558	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	108453	49.699	ug/l	98

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



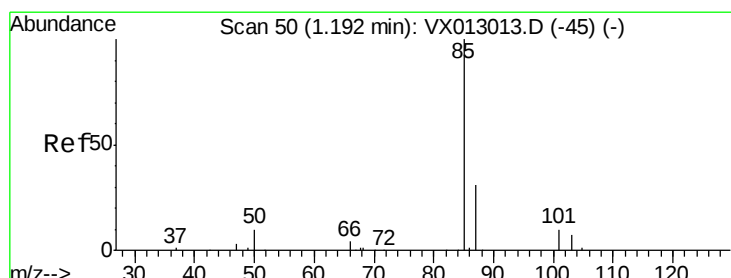
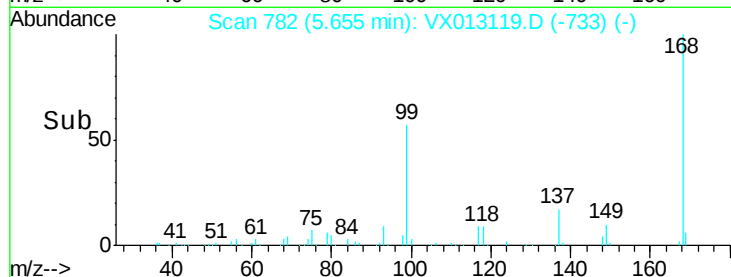
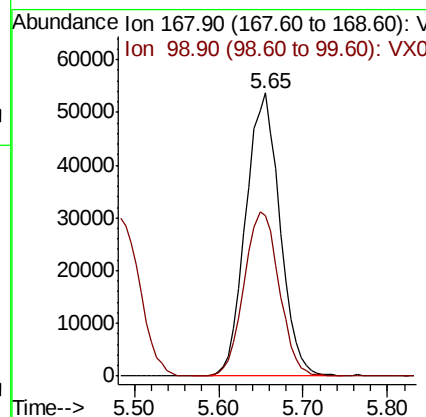
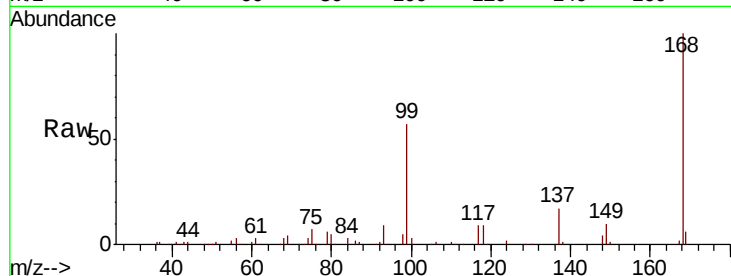
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.7	49.4	74.0

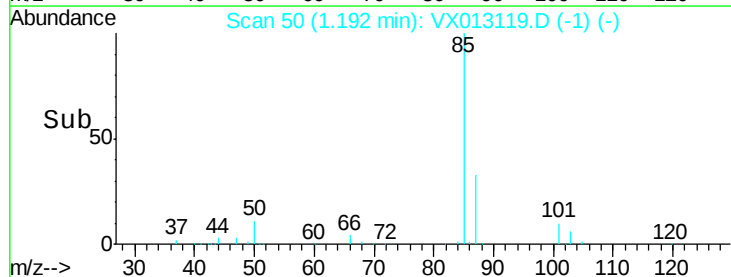
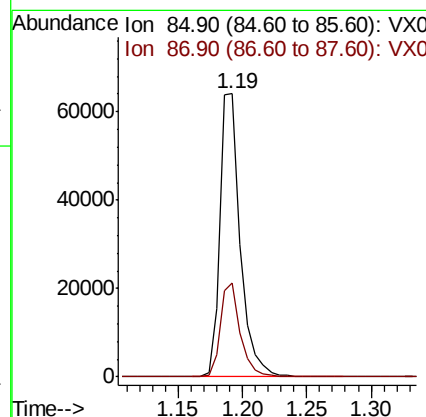
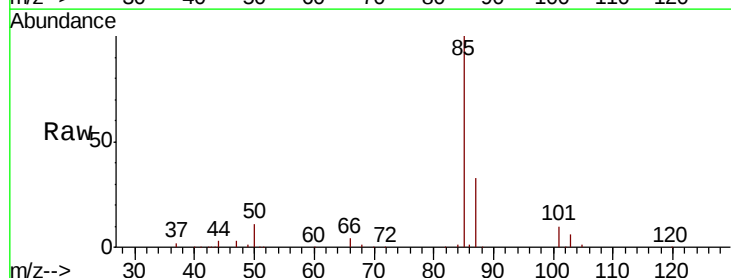
Manual Integrations
APPROVED

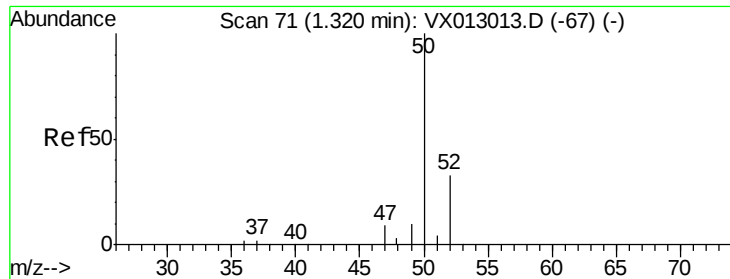
MMDadoda
10/18/2019 10:05:11 AM



#2
Dichlorodifluoromethane
Concen: 47.865 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.4	16.4	49.4





#3

Chloromethane

Concen: 46.037 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMS

Tot Ion: 50 Resp: 75225

Ion Ratio Lower Upper

50 100

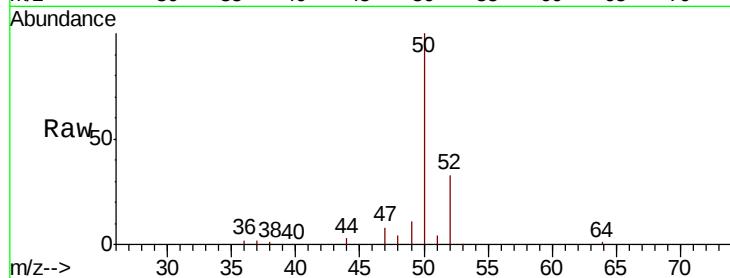
52 33.1 25.2 37.8

Manual Integrations

APPROVED

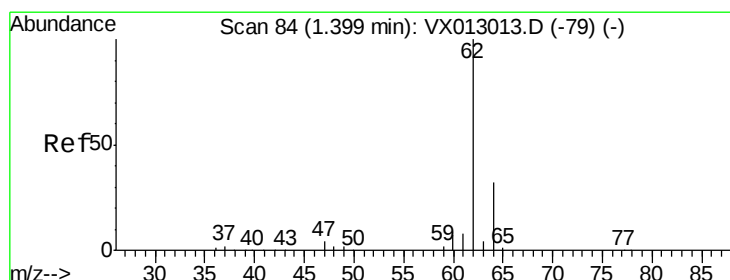
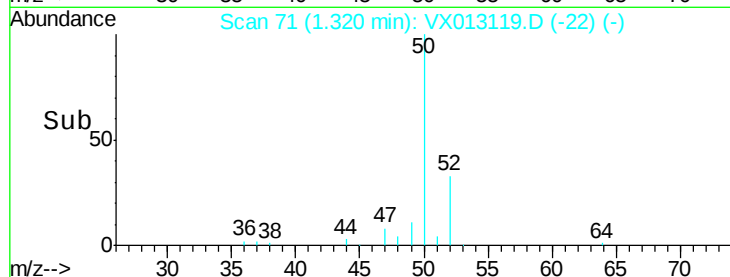
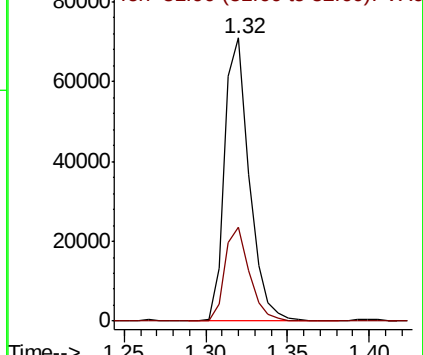
MMDadoda

10/18/2019 10:05:11 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.056 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013119.D

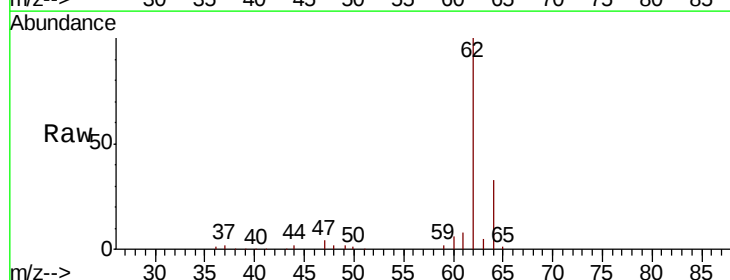
Acq: 17 Oct 2019 19:51

Tgt Ion: 62 Resp: 77675

Ion Ratio Lower Upper

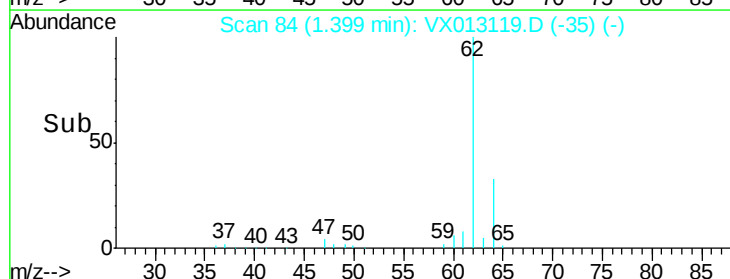
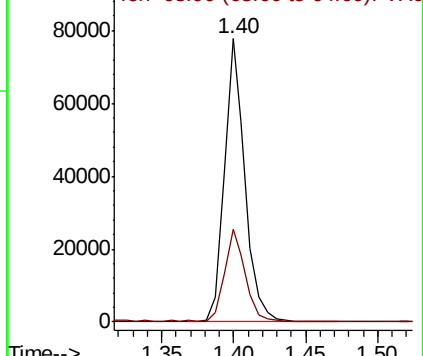
62 100

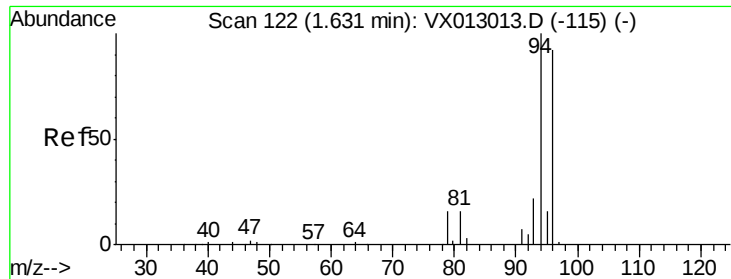
64 32.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.112 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMS

Tot Ion: 94 Resp: 33029

Ion Ratio Lower Upper

94 100

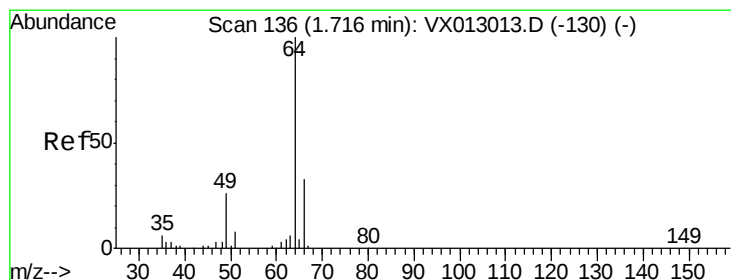
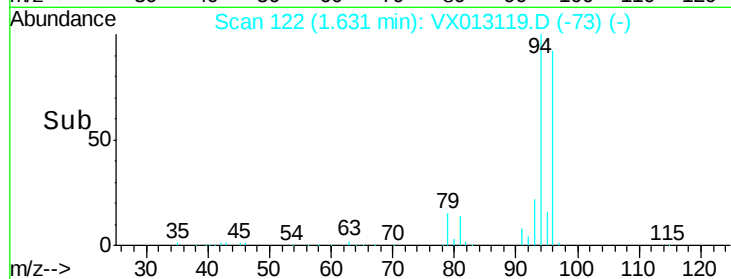
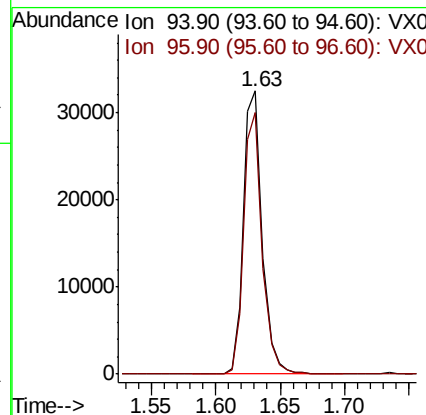
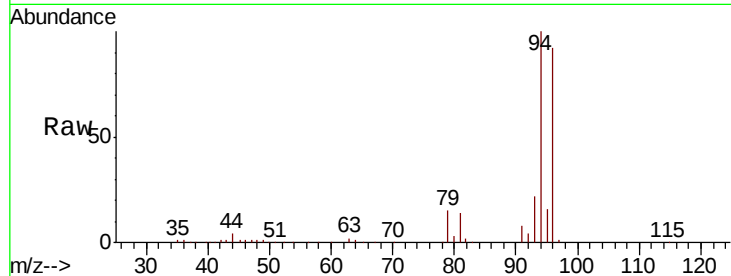
96 92.1 74.7 112.1

Manual Integrations

APPROVED

MMDadoda

10/18/2019 10:05:11 AM



#6

Chloroethane

Concen: 47.807 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013119.D

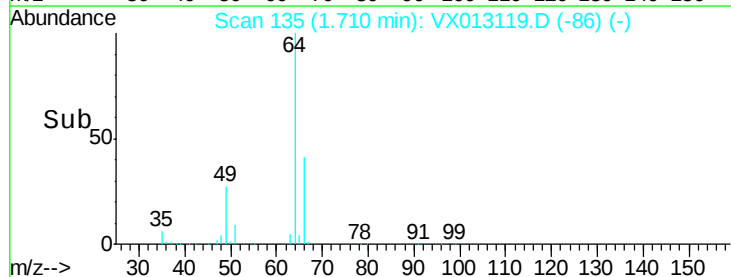
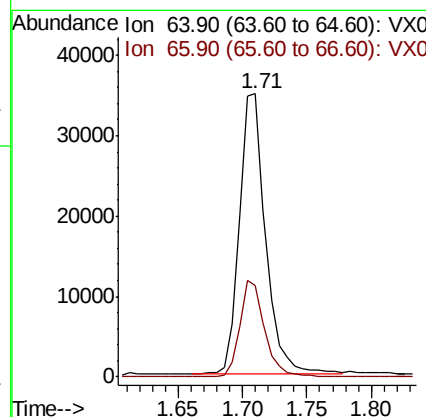
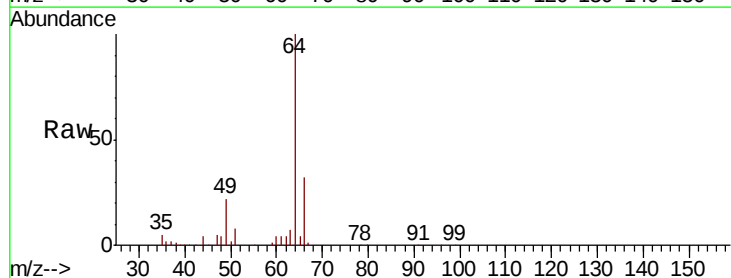
Acq: 17 Oct 2019 19:51

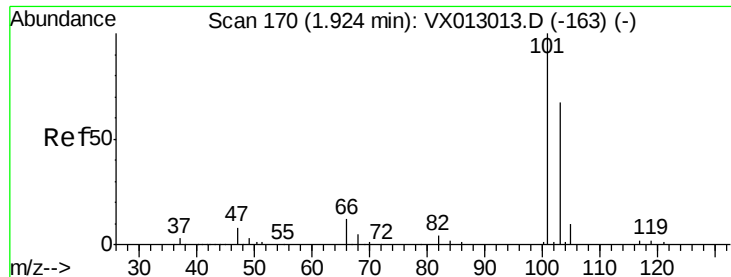
Tgt Ion: 64 Resp: 49234

Ion Ratio Lower Upper

64 100

66 32.8 25.6 38.4





#7

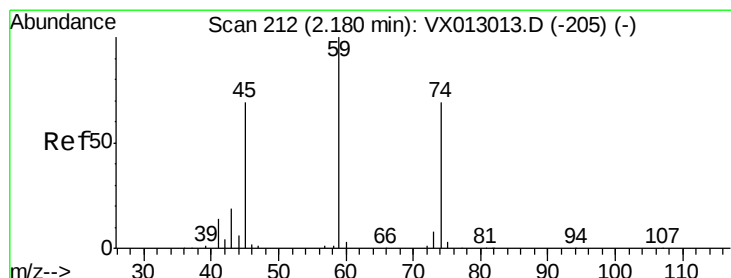
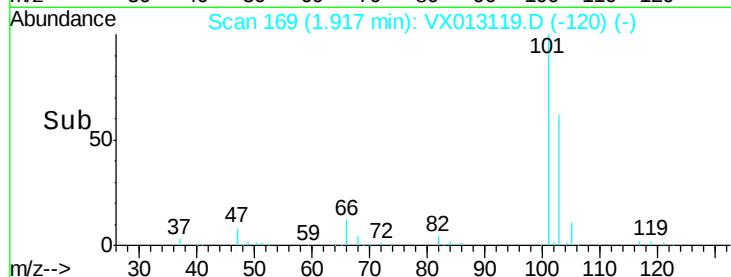
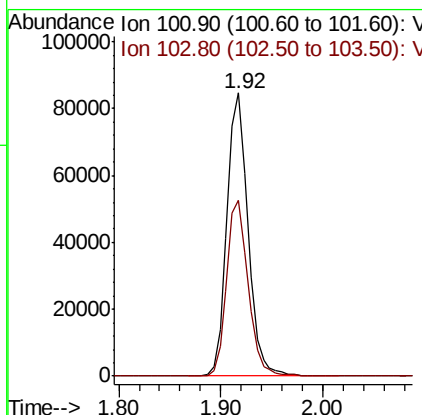
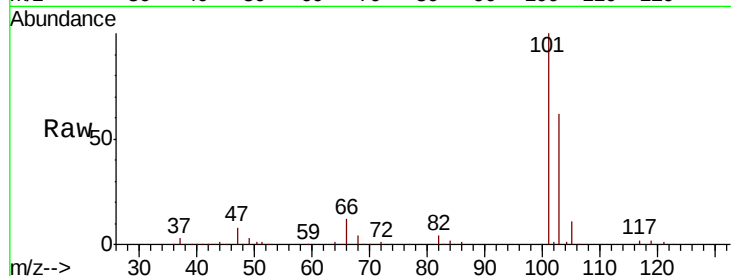
Trichlorofluoromethane
 Concen: 53.153 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.0	52.5	78.7

Manual Integrations
 APPROVED

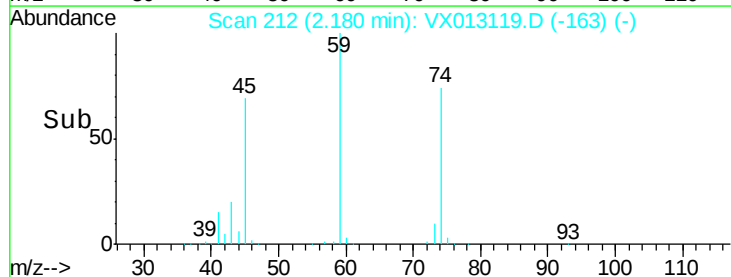
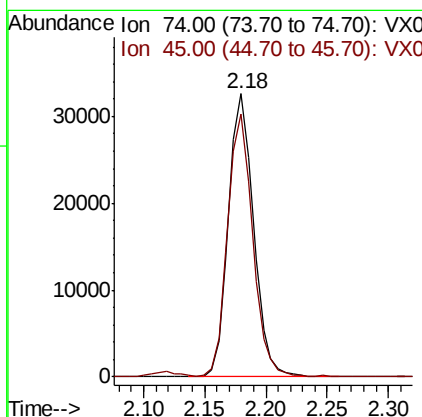
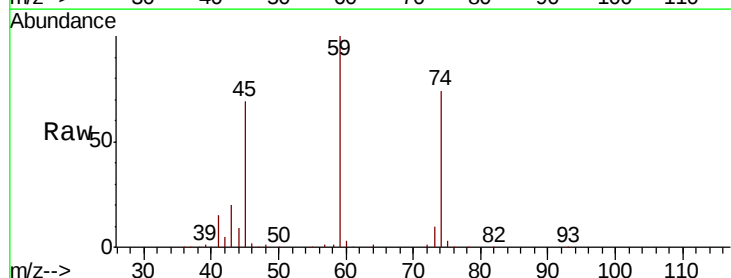
MMDadoda
 10/18/2019 10:05:11 AM

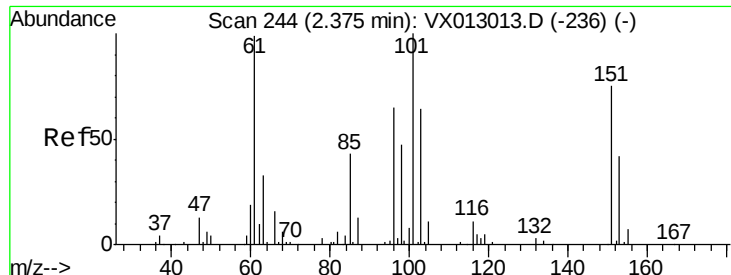


#8

Diethyl Ether
 Concen: 50.614 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.1	47.8	143.4





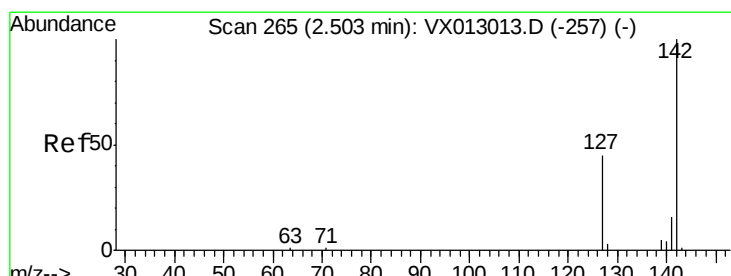
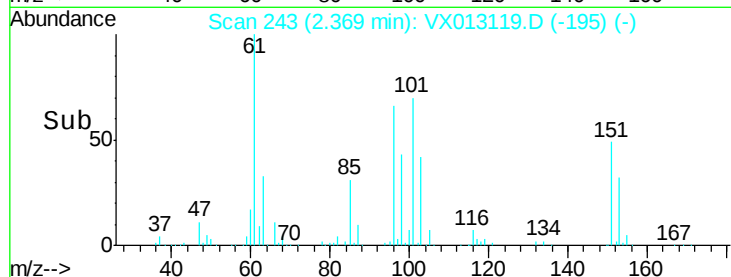
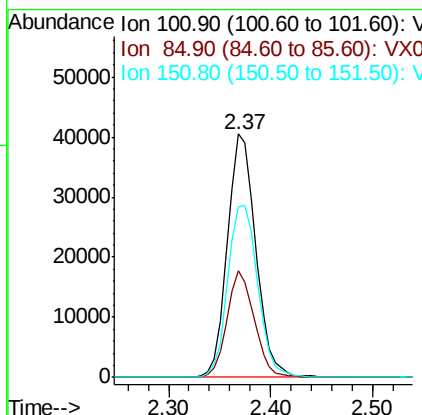
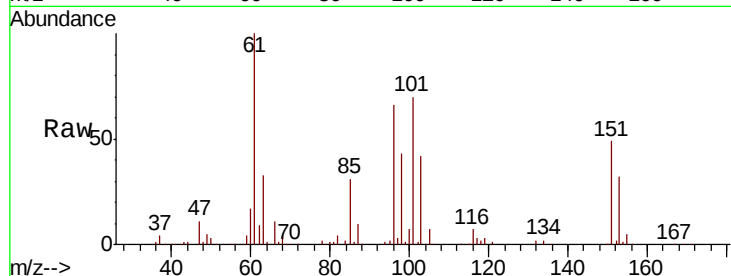
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.935 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.01 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.0	35.2	52.8
151	74.6	60.3	90.5

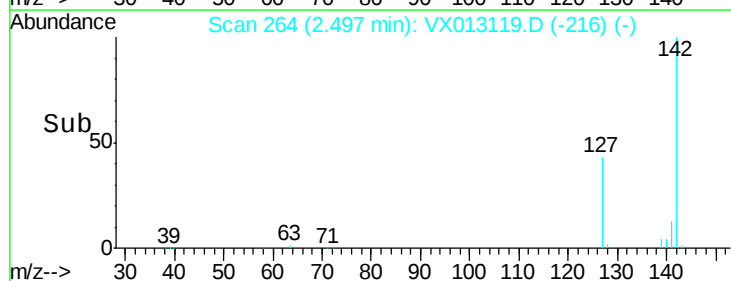
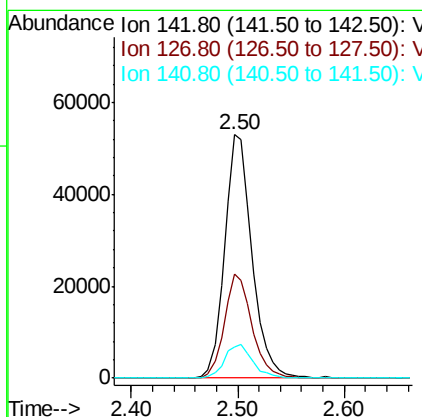
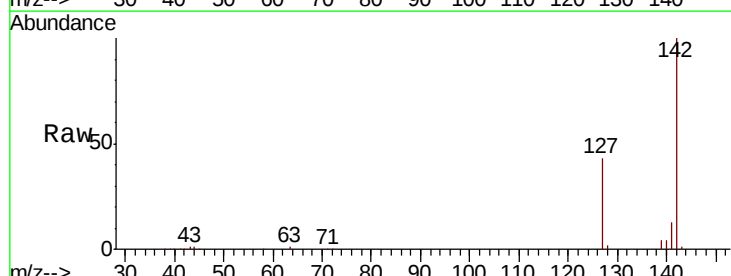
Manual Integrations
 APPROVED

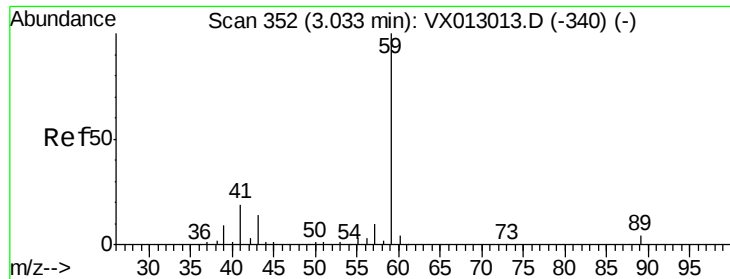
MMDadoda
 10/18/2019 10:05:11 AM



#10
 Methyl Iodide
 Concen: 56.304 ug/l
 RT: 2.50 min Scan# 264
 Delta R.T. -0.01 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.0	34.9	52.3
141	14.1	11.6	17.4





#11

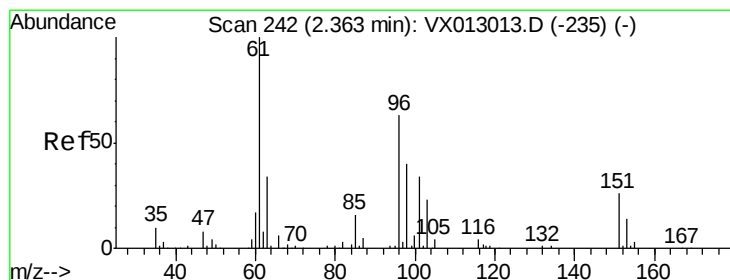
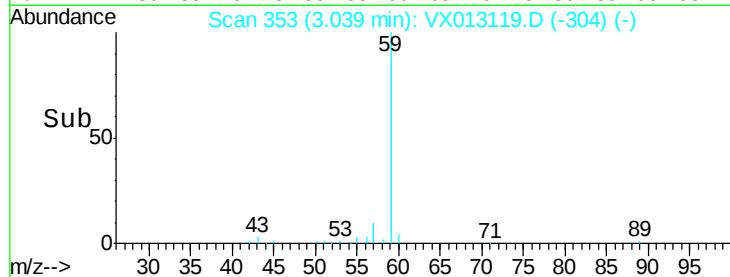
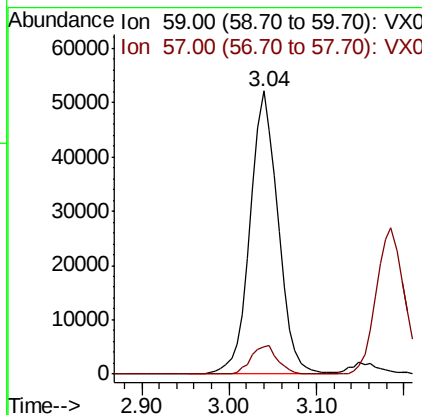
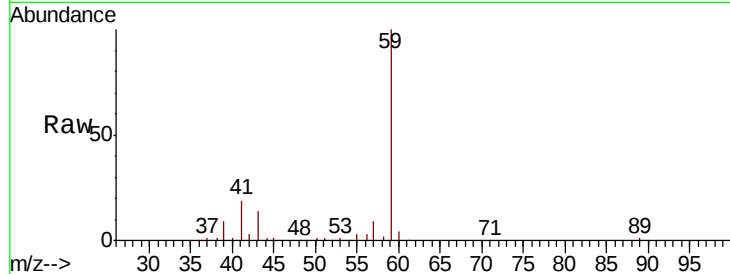
Tert butyl alcohol
 Concen: 238.427 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.3	12.5

Manual Integrations
 APPROVED

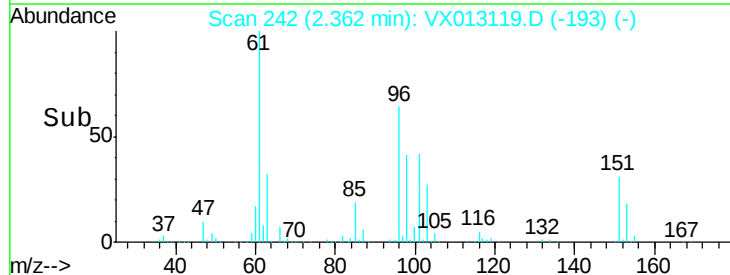
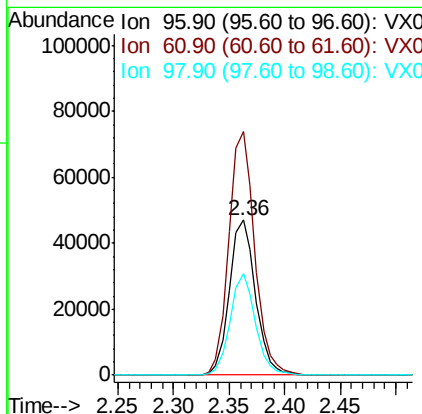
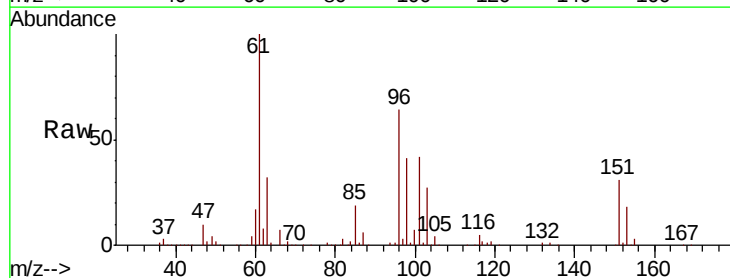
MMDadoda
 10/18/2019 10:05:11 AM

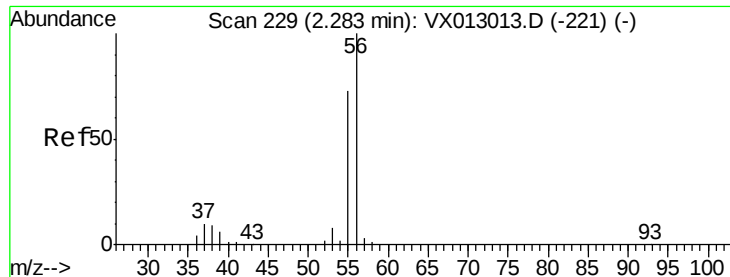


#12

1,1-Dichloroethene
 Concen: 51.501 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.9	132.2	198.4
98	65.1	50.5	75.7





#13

Acrolein

Concen: 286.999 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMS

Tot Ion: 56 Resp: 99538

Ion Ratio Lower Upper

56 100

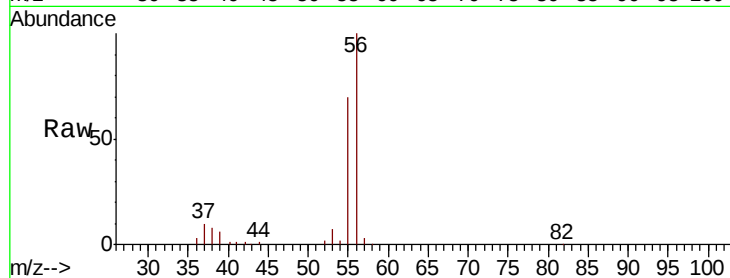
55 69.2 56.6 85.0

Manual Integrations

APPROVED

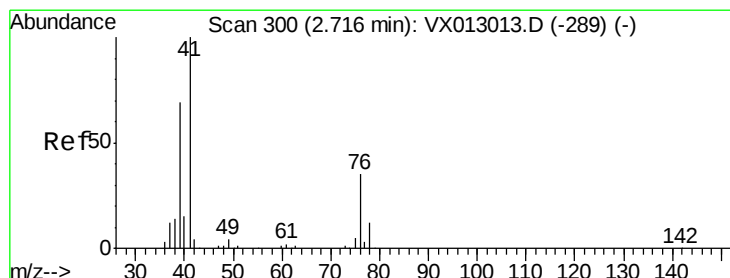
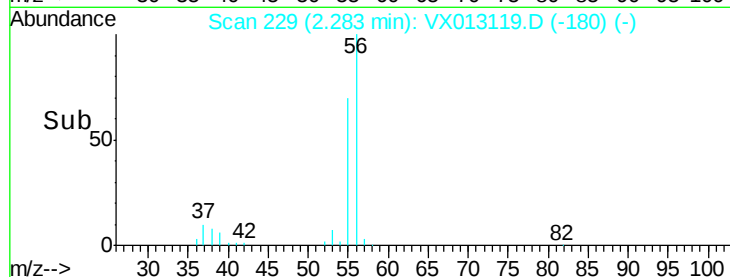
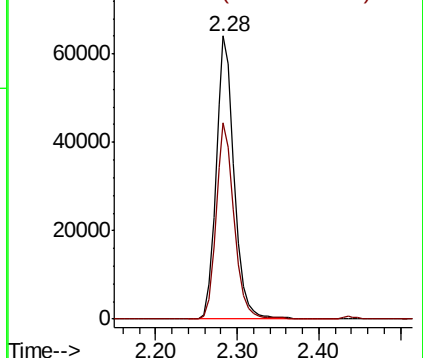
MMDadoda

10/18/2019 10:05:11 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.870 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

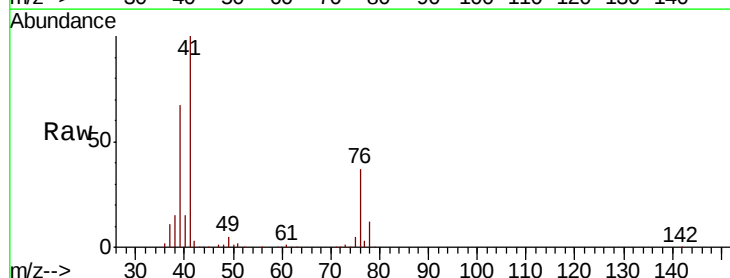
Tgt Ion: 41 Resp: 129545

Ion Ratio Lower Upper

41 100

39 63.0 51.0 76.6

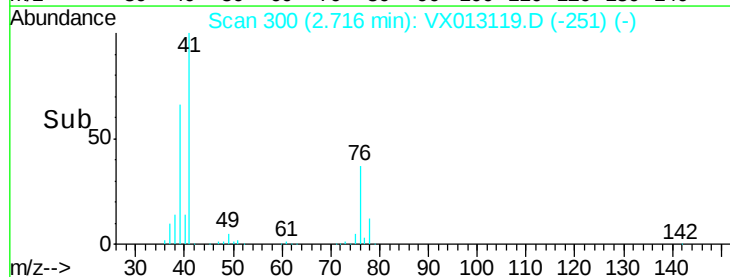
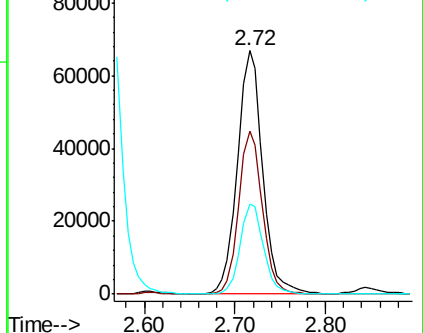
76 34.3 26.2 39.4

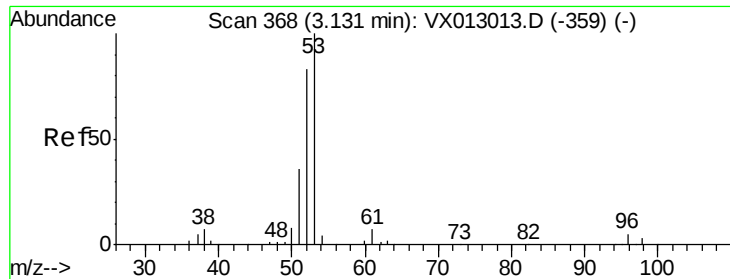


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 262.933 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

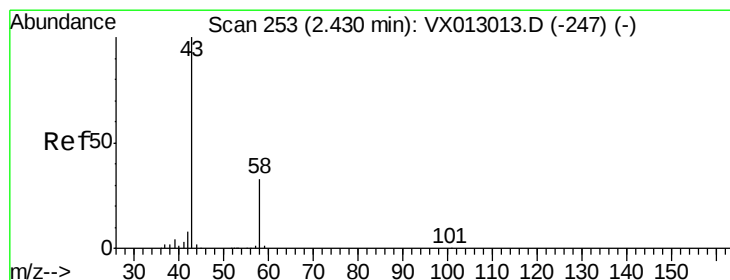
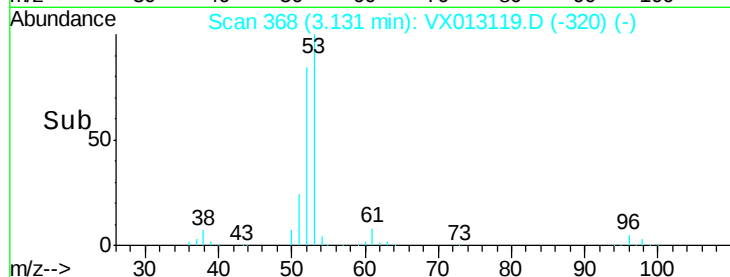
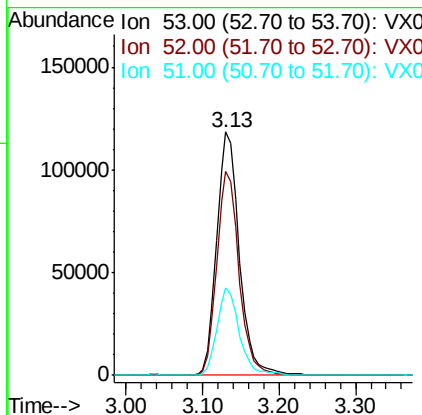
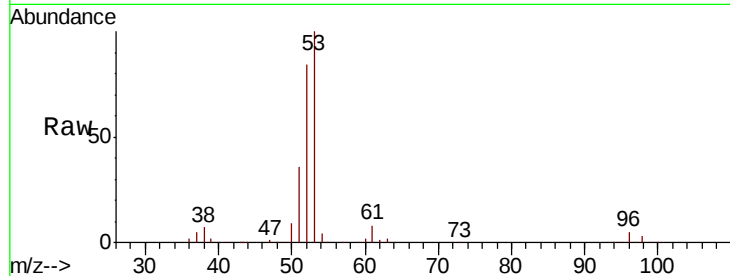
ClientSampleId :

FA19-JMW0301CMS

Tot Ion:	53	Resp:	243175
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.2	99.2
51	35.7	28.2	42.4

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:11 AM



#16

Acetone

Concen: 212.129 ug/l

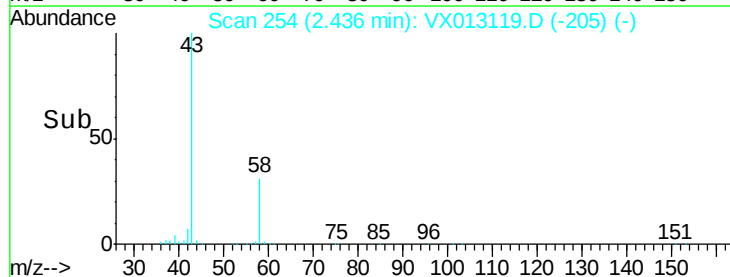
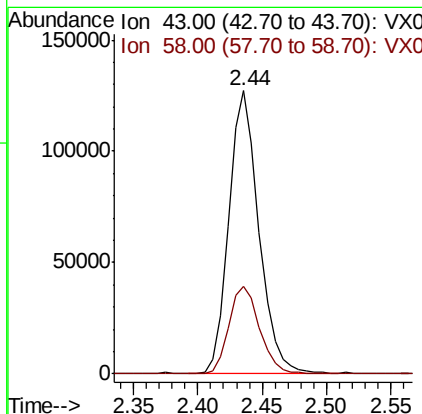
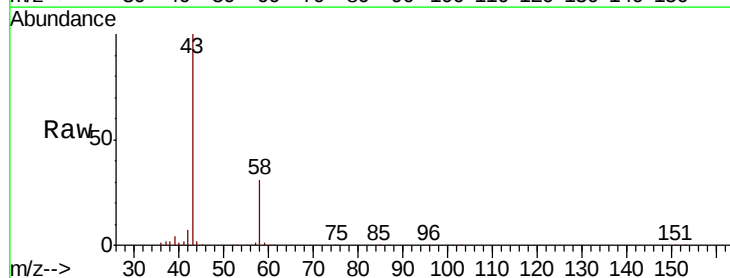
RT: 2.44 min Scan# 254

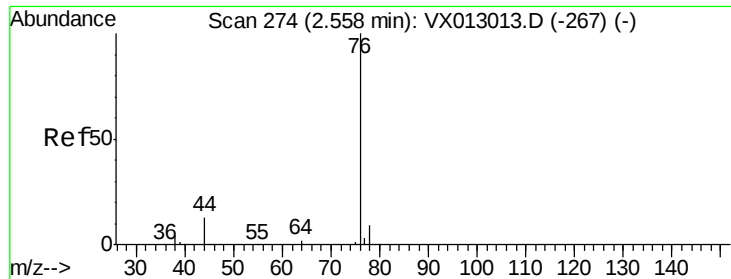
Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Tgt Ion:	43	Resp:	205848
Ion	Ratio	Lower	Upper
43	100		
58	31.0	25.4	38.2





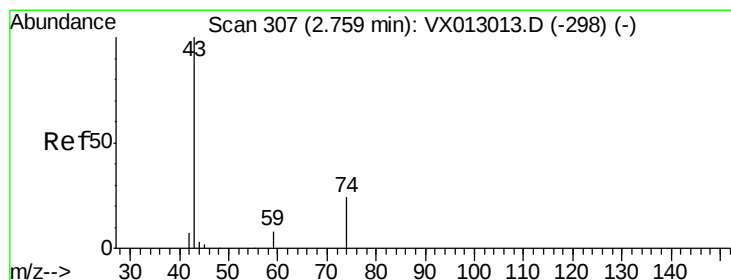
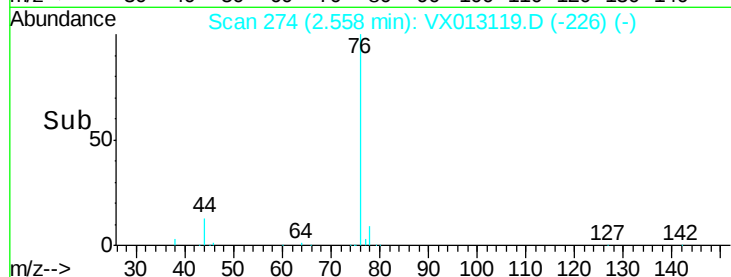
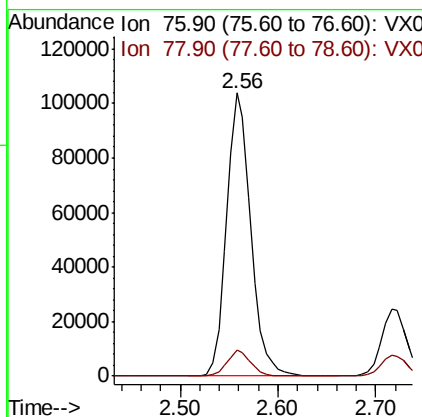
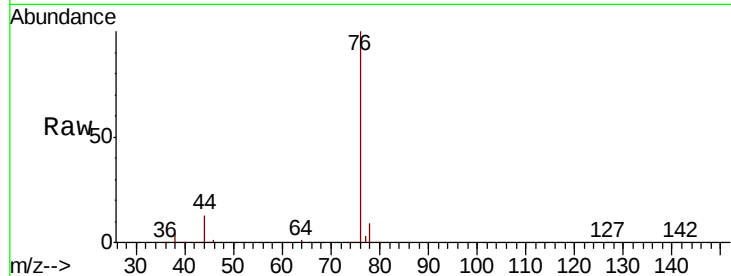
#17
Carbon Disulfide
Concen: 41.829 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

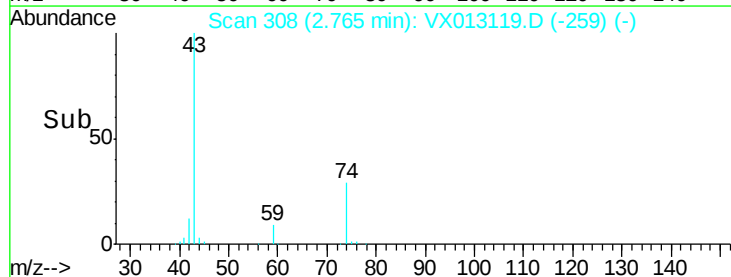
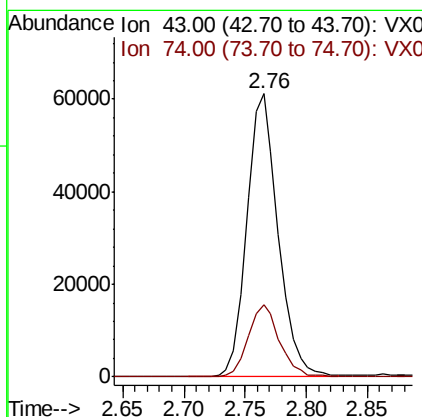
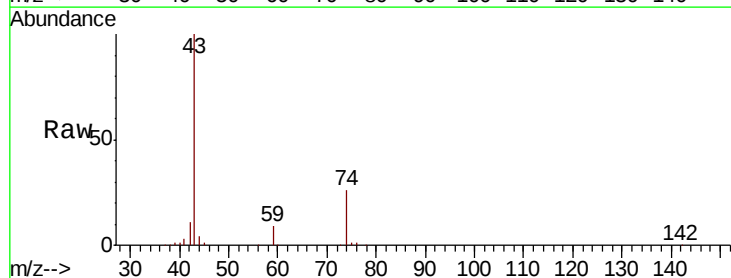
Manual Integrations
APPROVED

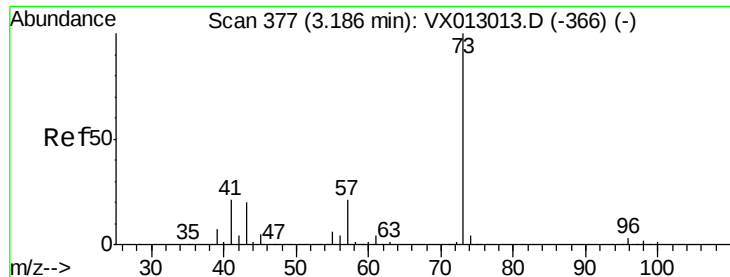
MMDadoda
10/18/2019 10:05:11 AM



#18
Methyl Acetate
Concen: 47.080 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.8	19.2	28.8





#19

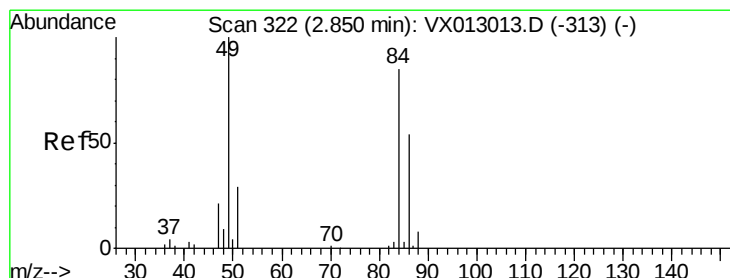
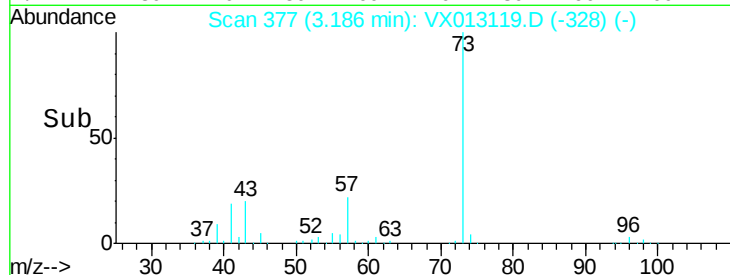
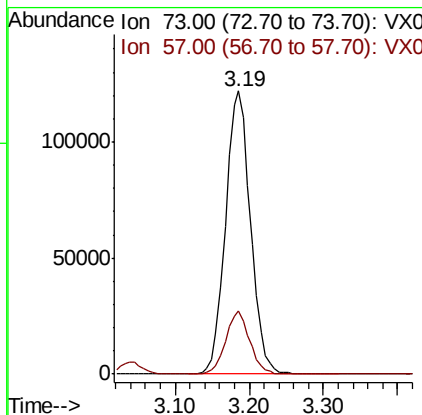
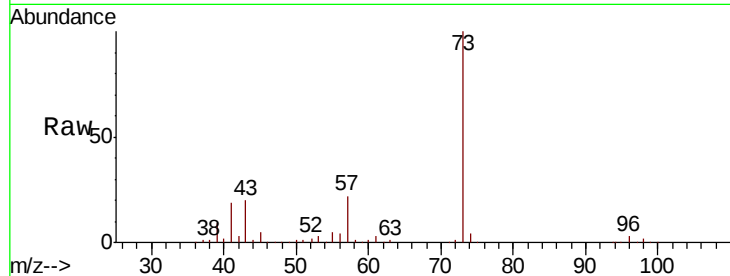
Methyl tert-butyl Ether
 Concen: 55.370 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.8	26.6

Manual Integrations
 APPROVED

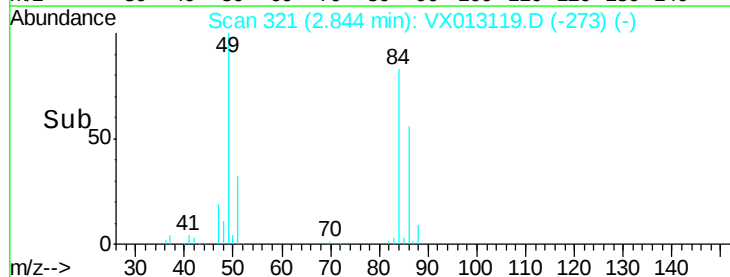
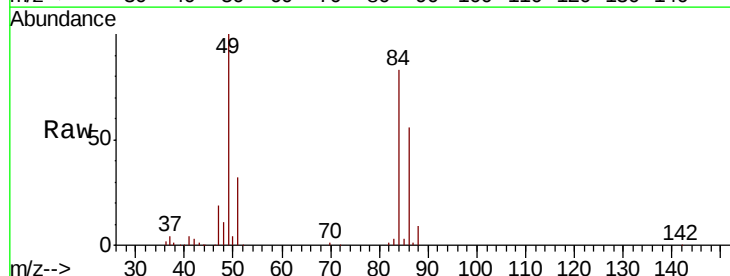
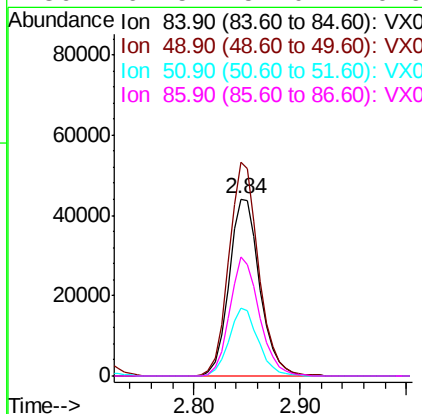
MMDadoda
 10/18/2019 10:05:11 AM

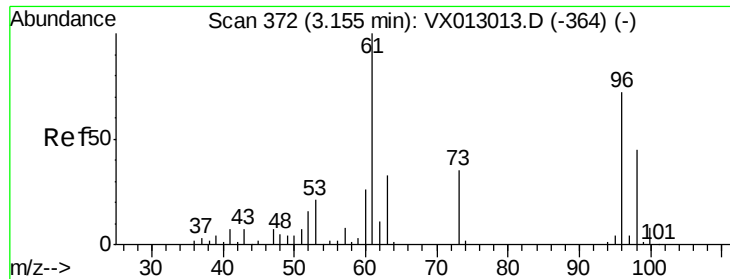


#20

Methylene Chloride
 Concen: 50.131 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.6	96.6	144.8
51	38.2	30.7	46.1
86	67.5	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 50.986 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMS

Tot Ion: 96 Resp: 81342

Ion Ratio Lower Upper

96 100

61 130.6 110.4 165.6

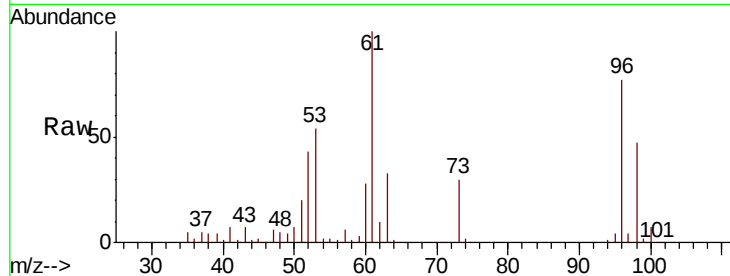
98 61.5 51.5 77.3

Manual Integrations

APPROVED

MMDadoda

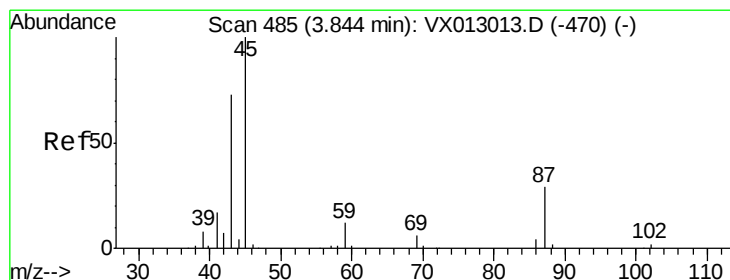
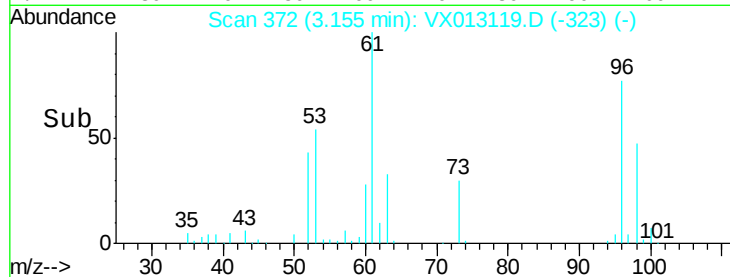
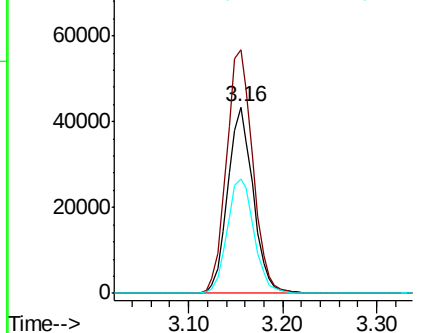
10/18/2019 10:05:11 AM



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: 52.363 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Tgt Ion: 45 Resp: 265972

Ion Ratio Lower Upper

45 100

43 70.9 51.4 77.0

87 30.0 22.5 33.7

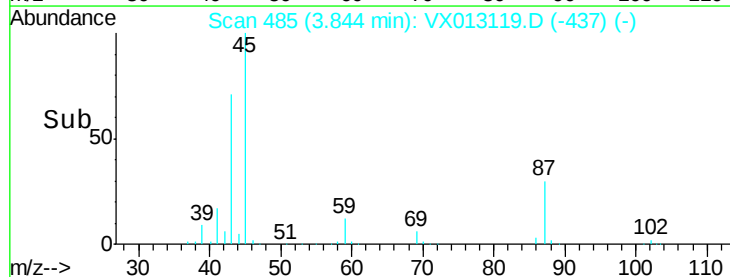
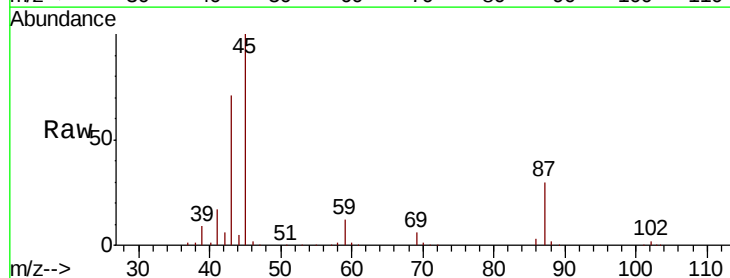
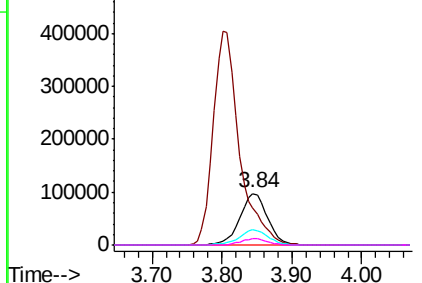
59 12.1 9.7 14.5

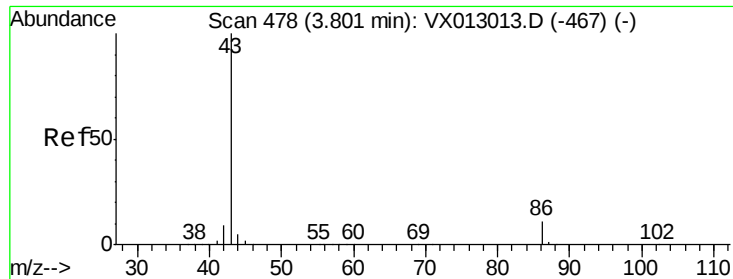
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 240.829 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMS

Tot Ion: 43 Resp: 1056017

Ion Ratio Lower Upper

43 100

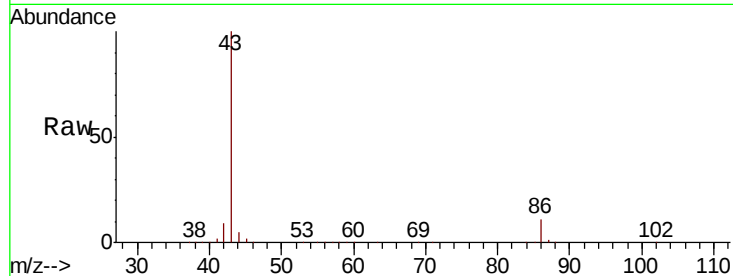
86 11.3 9.0 13.6

Manual Integrations

APPROVED

MMDadoda

10/18/2019 10:05:11 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

400000

300000

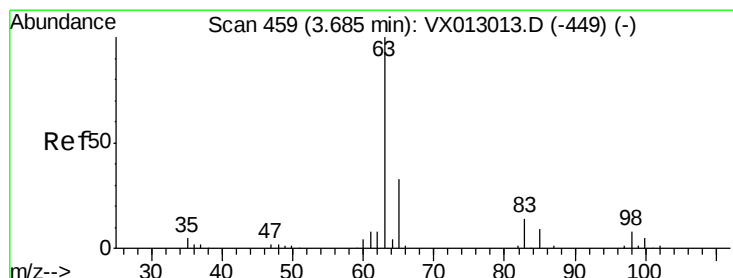
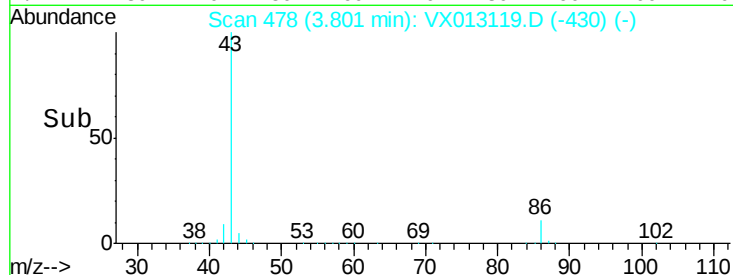
200000

100000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 53.159 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

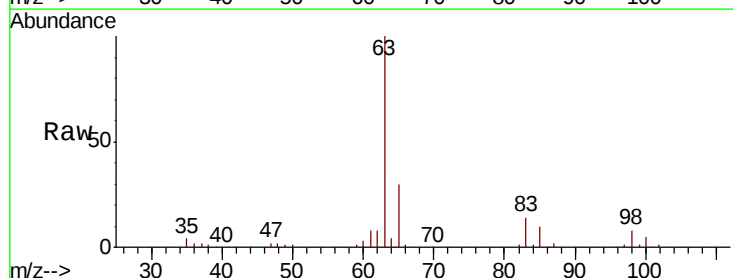
Tgt Ion: 63 Resp: 151904

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.5

100 4.6 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

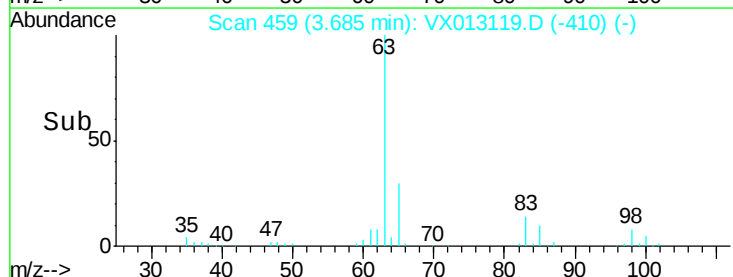
40000

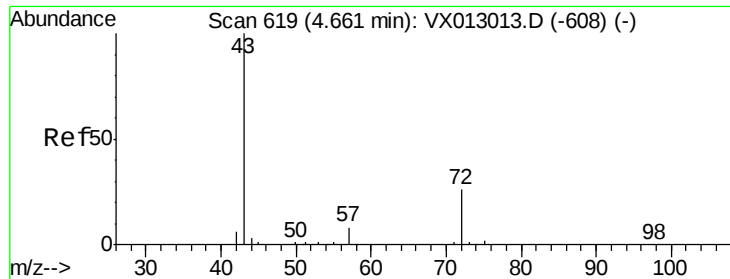
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 244.551 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMS

Tot Ion: 43 Resp: 329235

Ion Ratio Lower Upper

43 100

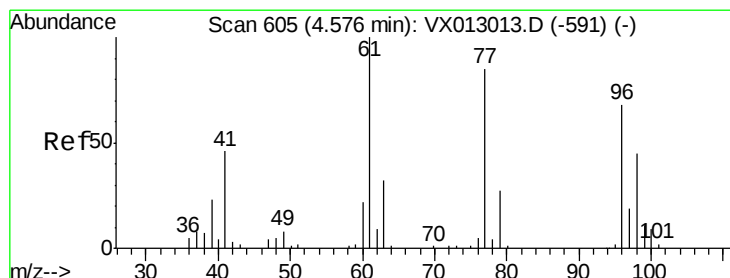
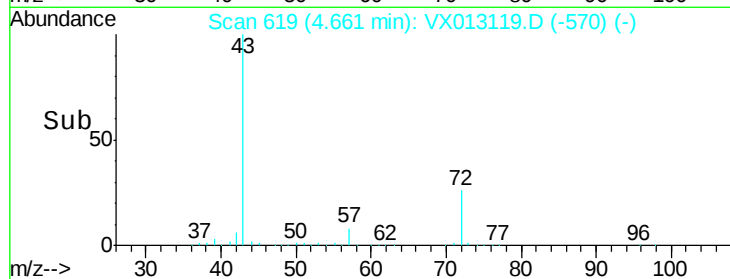
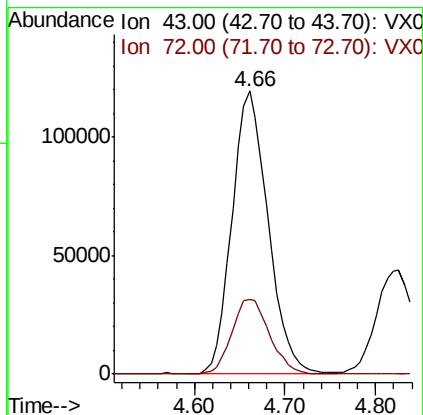
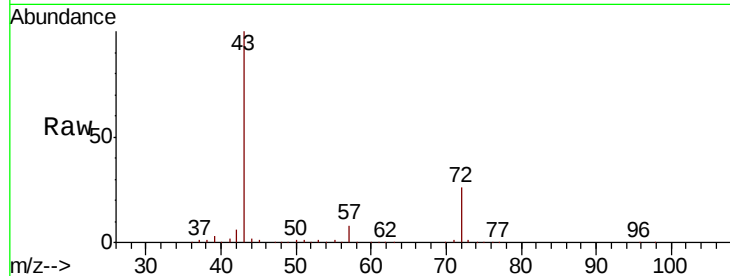
72 26.3 21.0 31.6

Manual Integrations

APPROVED

MMDadoda

10/18/2019 10:05:11 AM



#26

2,2-Dichloropropane

Concen: 45.597 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX013119.D

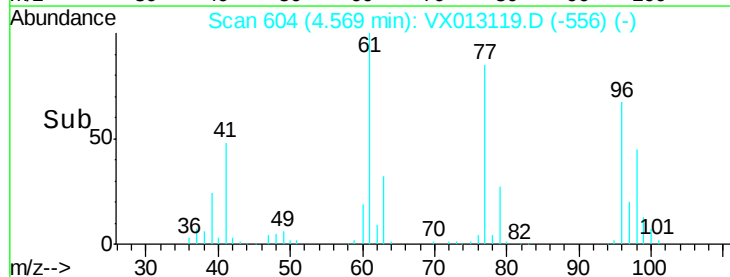
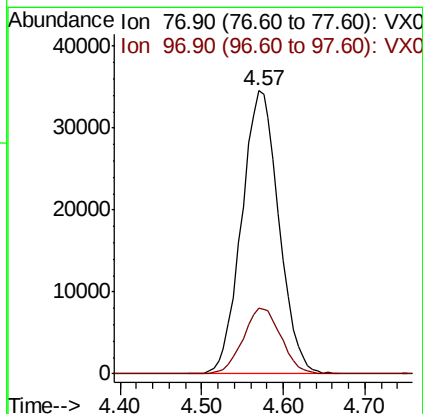
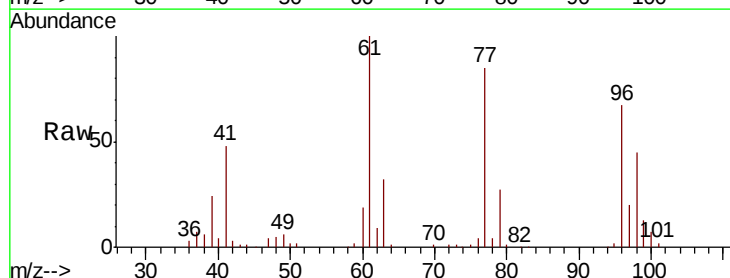
Acq: 17 Oct 2019 19:51

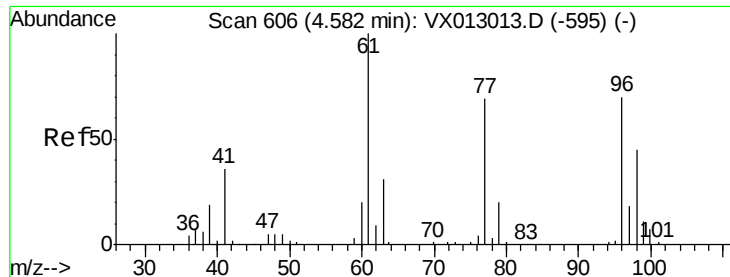
Tgt Ion: 77 Resp: 109567

Ion Ratio Lower Upper

77 100

97 23.6 11.3 33.9





#27

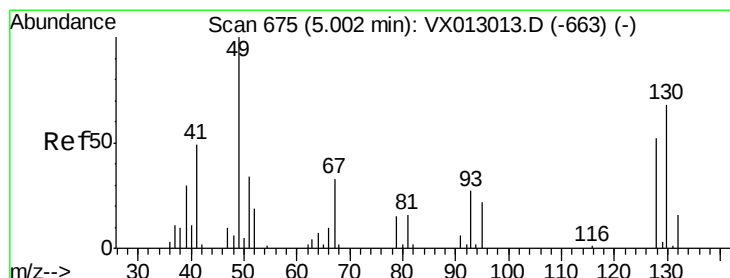
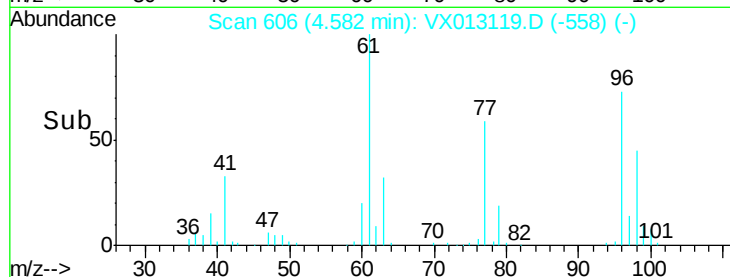
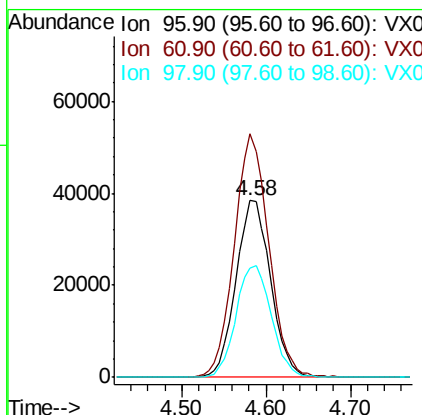
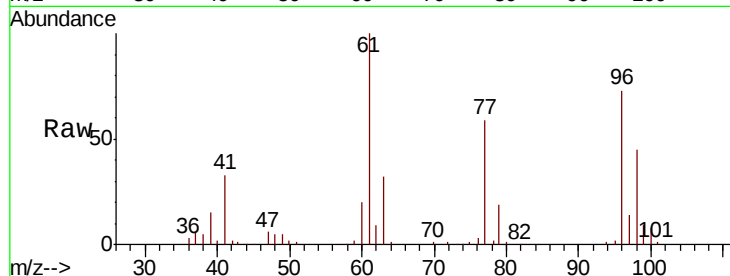
cis-1,2-Dichloroethene
Concen: 57.989 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	106640		
61	137.8	0.0	290.6	
98	64.9	0.0	128.8	

Manual Integrations
APPROVED

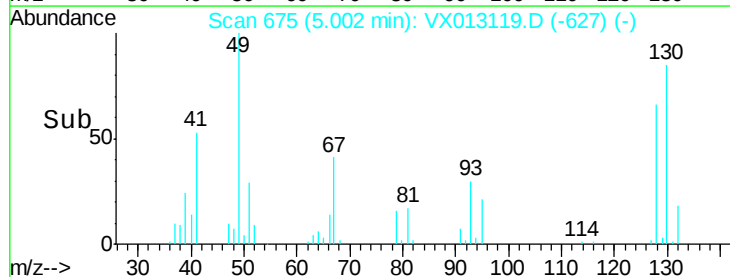
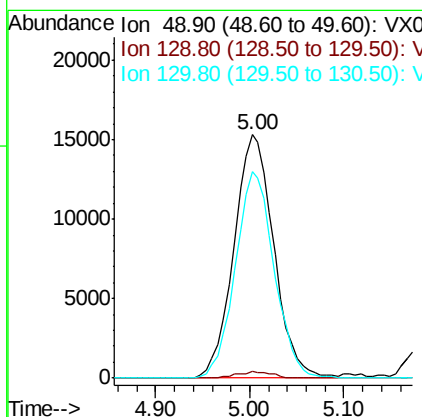
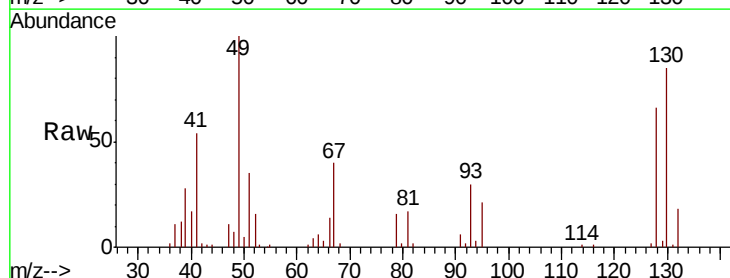
MMDadoda
10/18/2019 10:05:11 AM

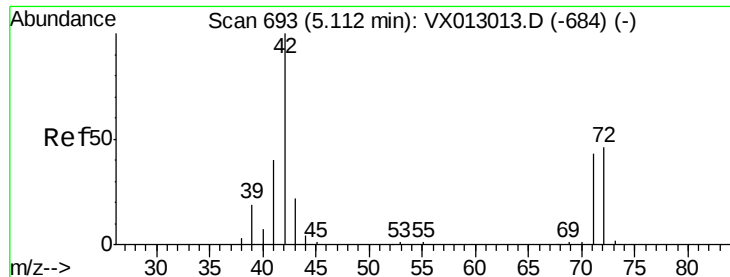


#28

Bromochloromethane
Concen: 52.815 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	45082		
129	2.3	0.0	4.2	
130	82.5	62.1	93.1	





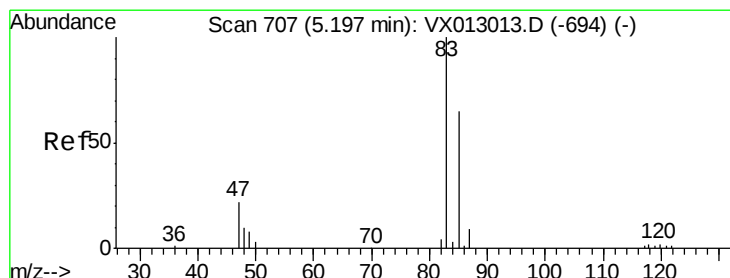
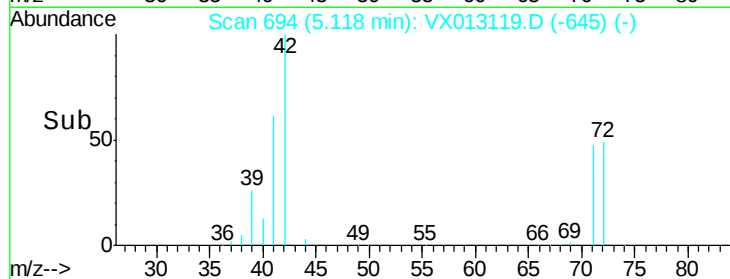
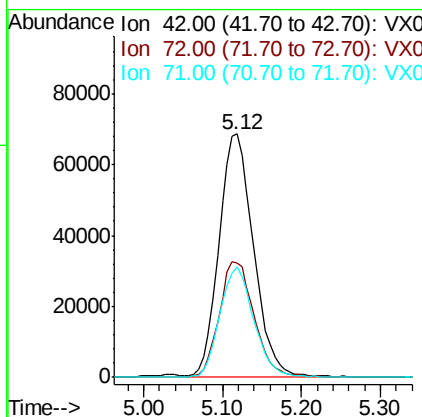
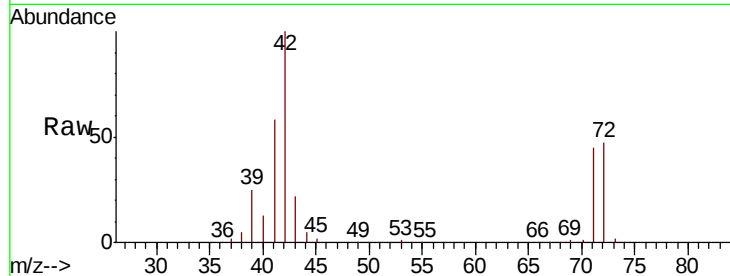
#29
Tetrahydrofuran
Concen: 251.891 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.5	36.9	55.3
71	44.8	33.5	50.3

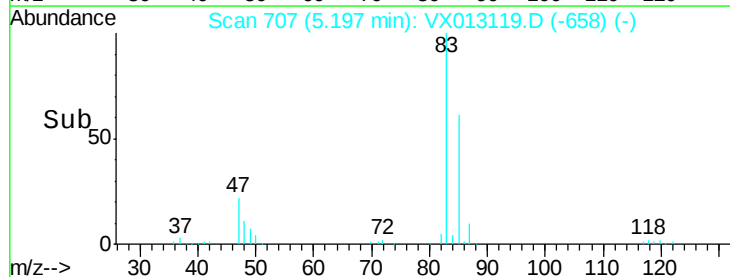
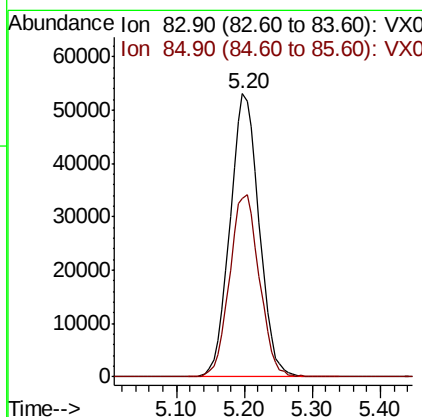
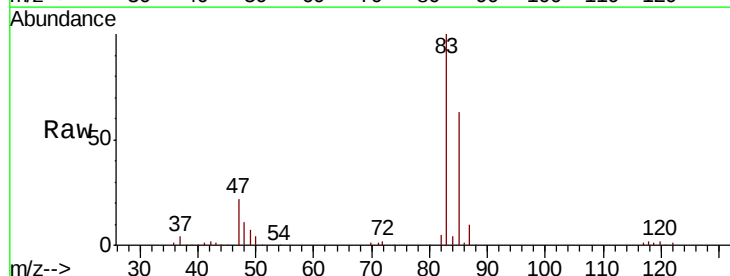
Manual Integrations
APPROVED

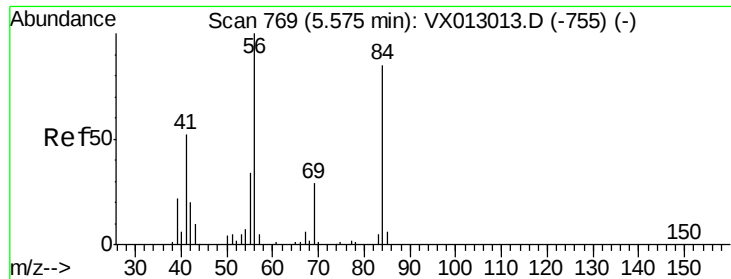
MMDadoda
10/18/2019 10:05:11 AM



#30
Chloroform
Concen: 53.661 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.5	77.3





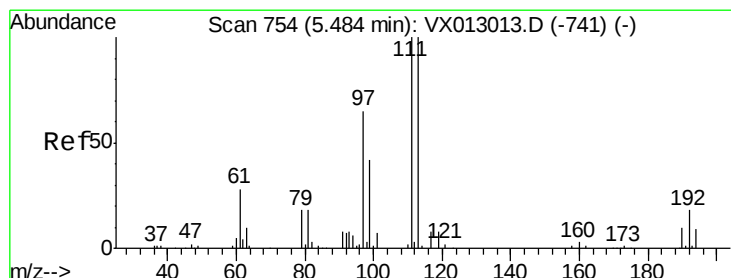
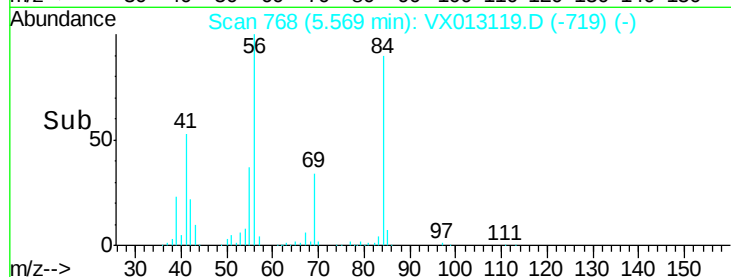
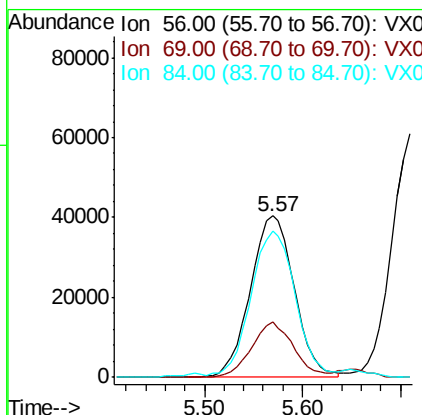
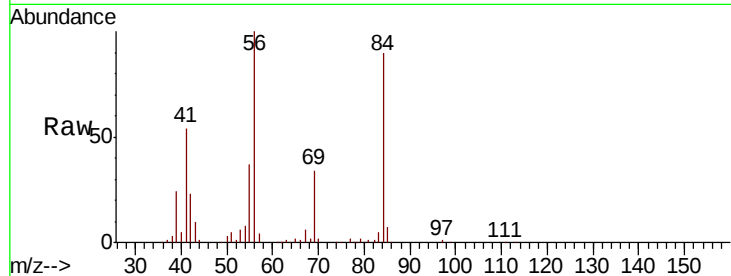
#31
Cyclohexane
Concen: 47.196 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.6	25.2	37.8
84	88.5	71.3	106.9

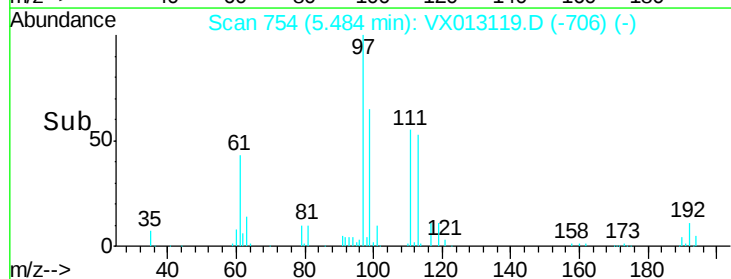
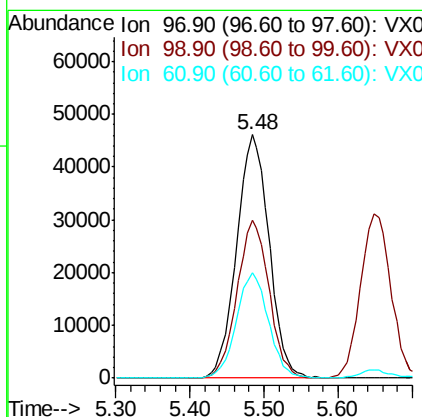
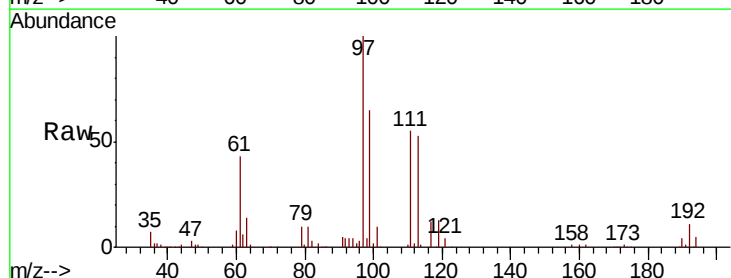
Manual Integrations
APPROVED

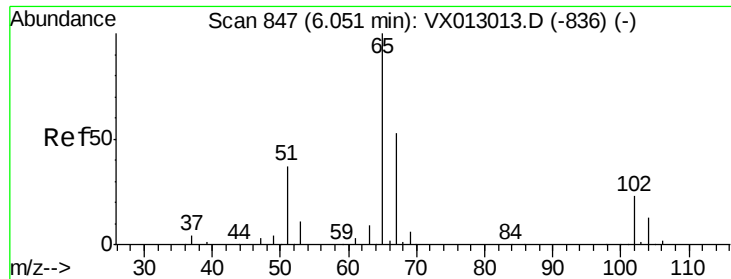
MMDadoda
10/18/2019 10:05:11 AM



#32
1,1,1-Trichloroethane
Concen: 56.788 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.3	78.5
61	42.8	35.0	52.4





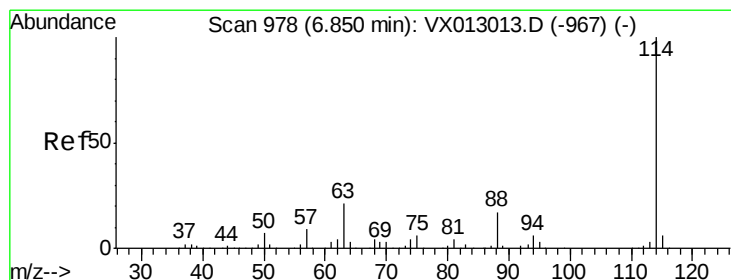
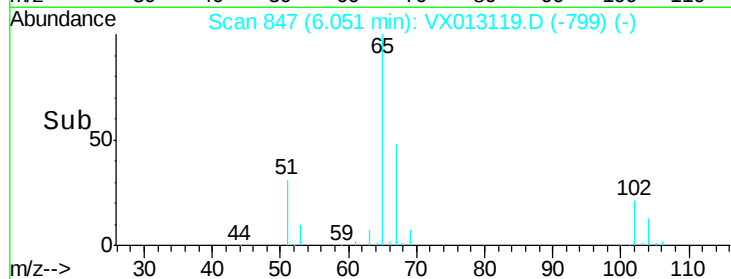
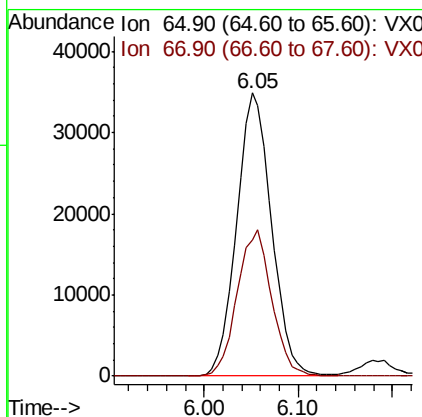
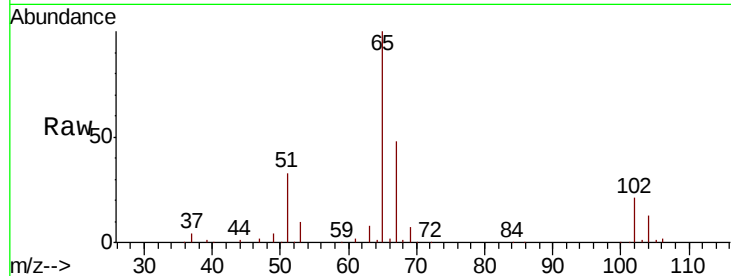
#33
 1,2-Dichloroethane-d4
 Concen: 49.097 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	104.4

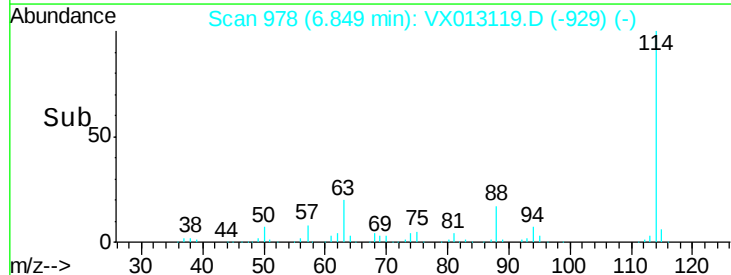
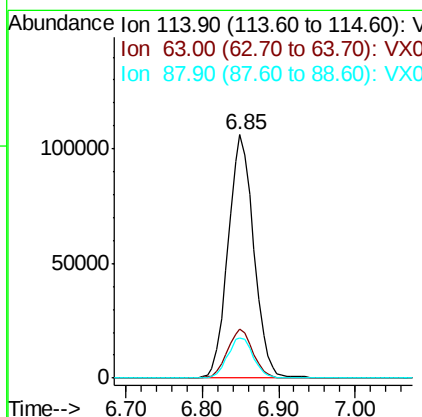
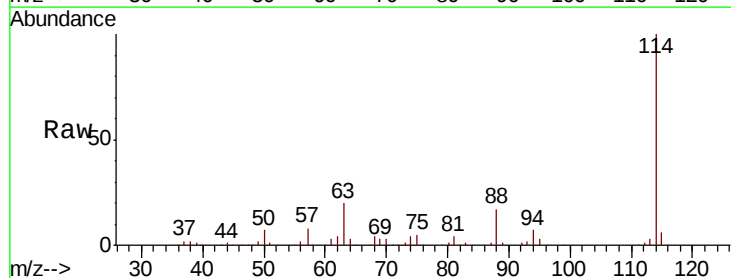
Manual Integrations
 APPROVED

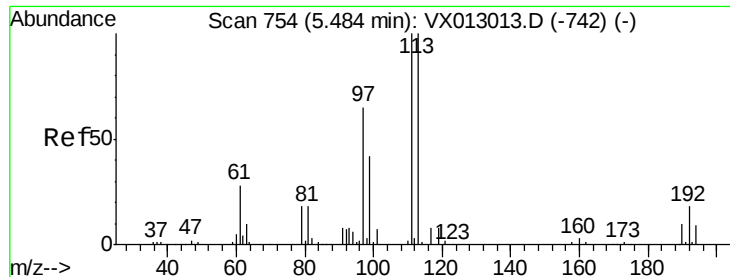
MMDadoda
 10/18/2019 10:05:11 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.8
88	16.6	0.0	33.8





#35

Dibromofluoromethane

Concen: 49.992 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

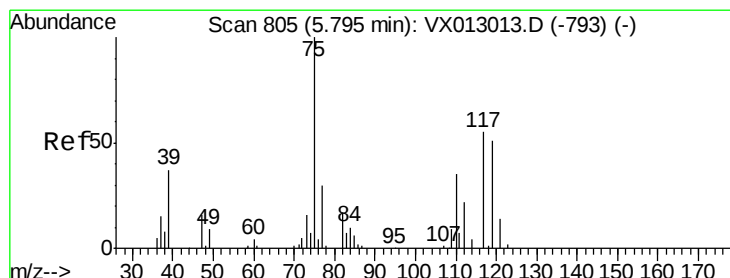
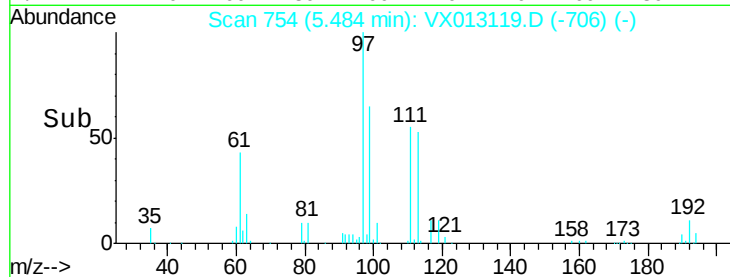
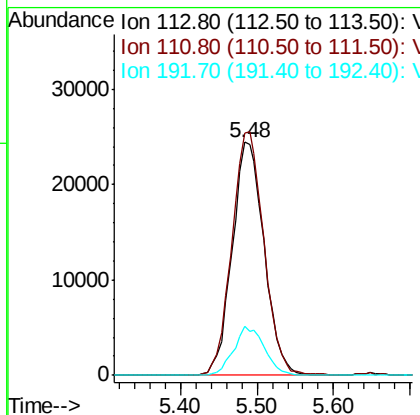
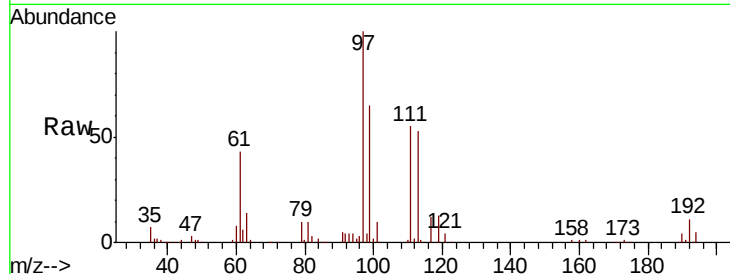
ClientSampleId :

FA19-JMW0301CMS

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	83.2	124.8
192	20.2	15.4	23.2

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:11 AM



#36

1,1-Dichloropropene

Concen: 52.028 ug/l

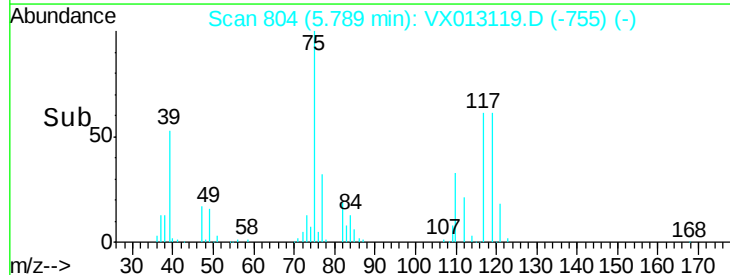
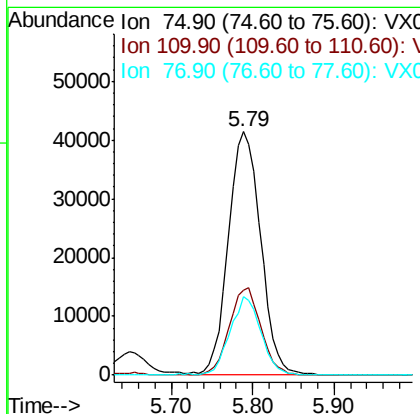
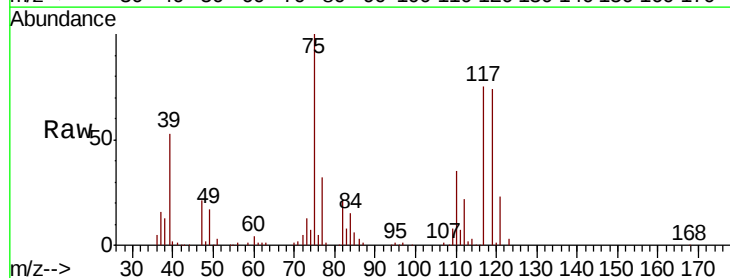
RT: 5.79 min Scan# 804

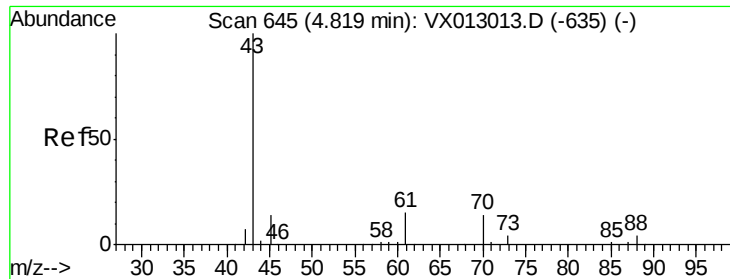
Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.6	52.9
77	30.9	24.4	36.6





#37

Ethyl Acetate

Concen: 53.998 ug/l

RT: 4.83 min Scan# 646

Delta R.T. 0.01 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

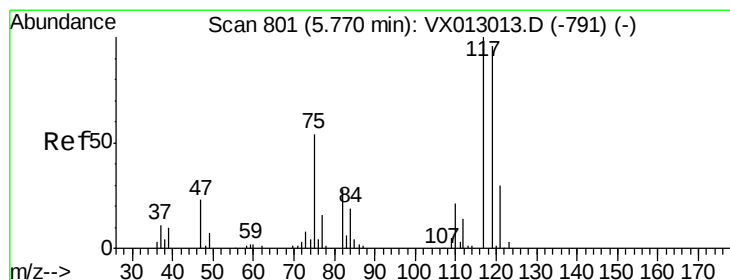
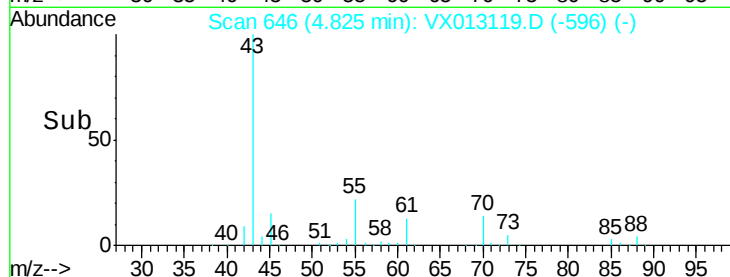
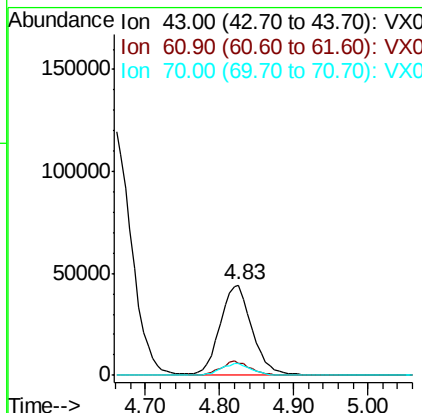
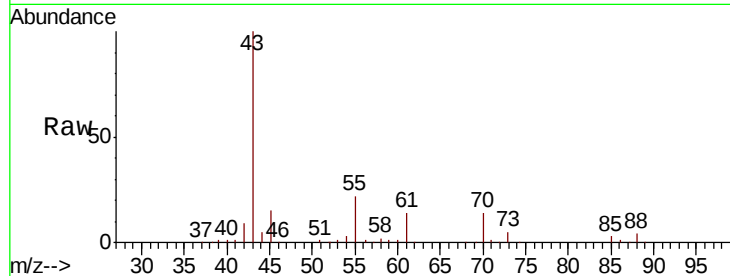
ClientSampleId :

FA19-JMW0301CMS

Tot Ion:	43	Resp:	130700
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.4	17.0
70	12.6	9.8	14.6

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:11 AM



#38

Carbon Tetrachloride

Concen: 54.529 ug/l

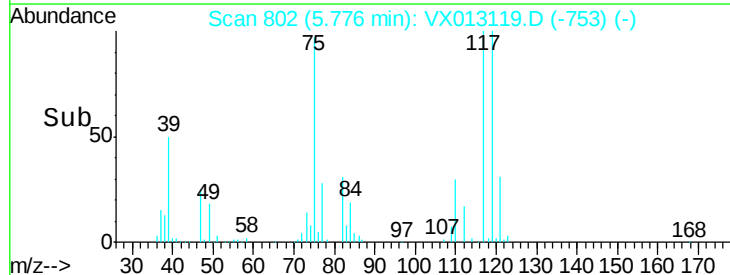
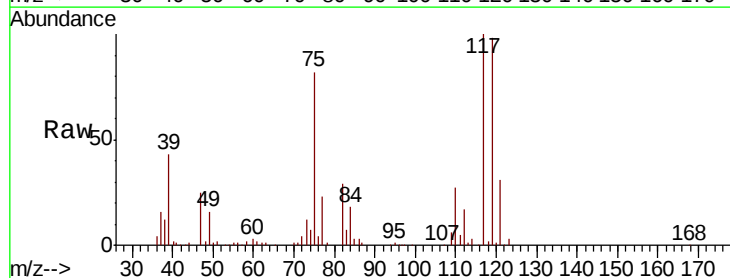
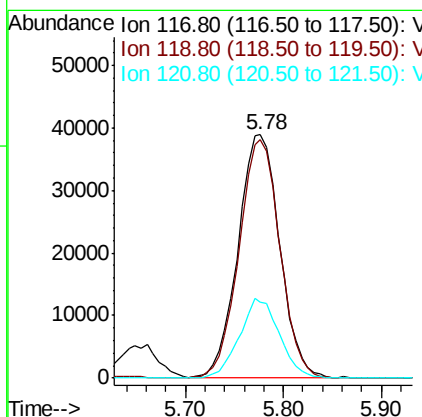
RT: 5.78 min Scan# 802

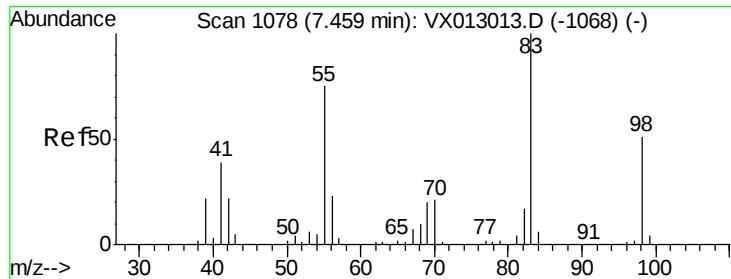
Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Tgt Ion:	117	Resp:	114888
Ion	Ratio	Lower	Upper
117	100		
119	98.2	74.5	111.7
121	31.0	24.2	36.4





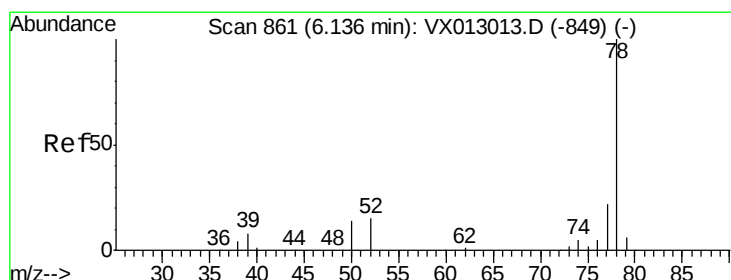
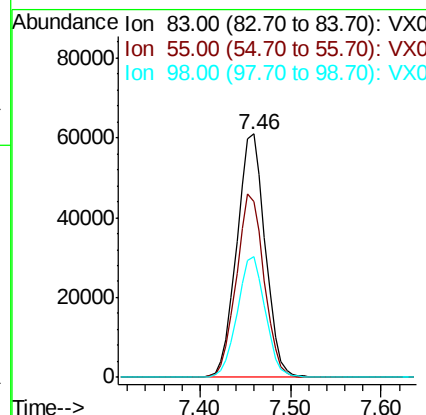
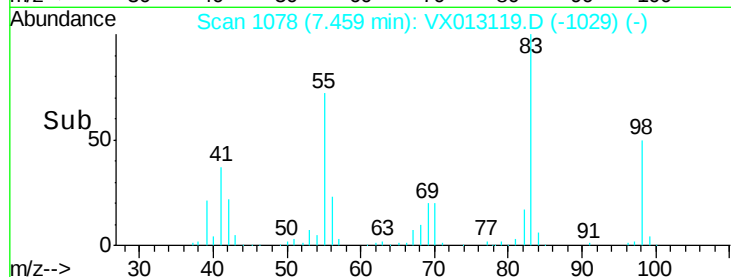
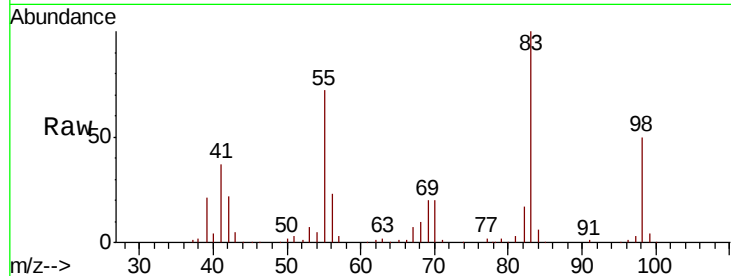
#39
Methvlcvclohexane
Concen: 50.508 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	72.3	60.2	90.4	
98	49.8	38.5	57.7	

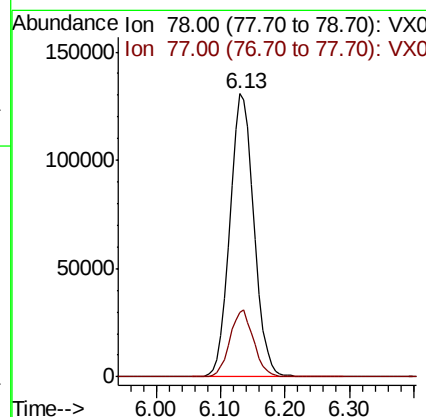
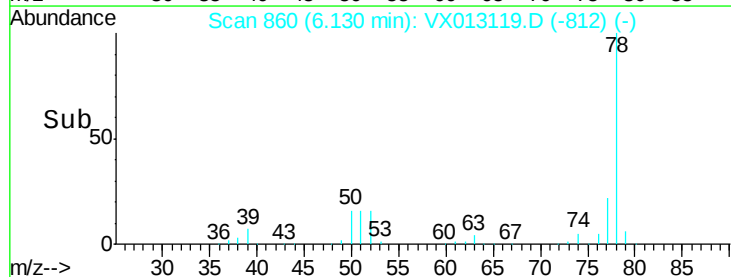
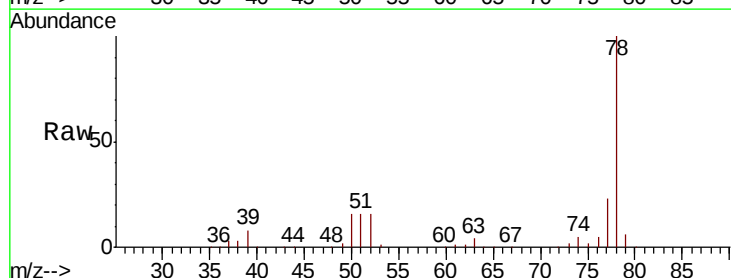
Manual Integrations
APPROVED

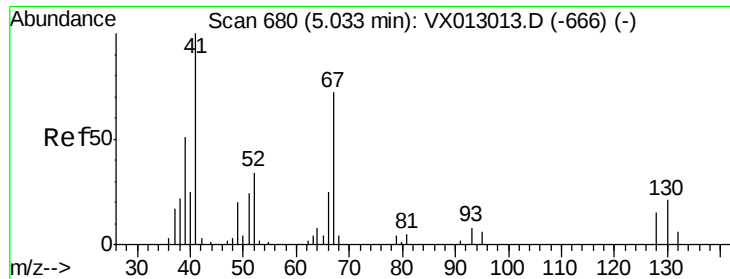
MMDadoda
10/18/2019 10:05:11 AM



#40
Benzene
Concen: 53.981 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.0	19.0	28.4	





#41

Methacrylonitrile

Concen: 51.999 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMS

Tot Ion: 41 Resp: 69159

Ion Ratio Lower Upper

41 100

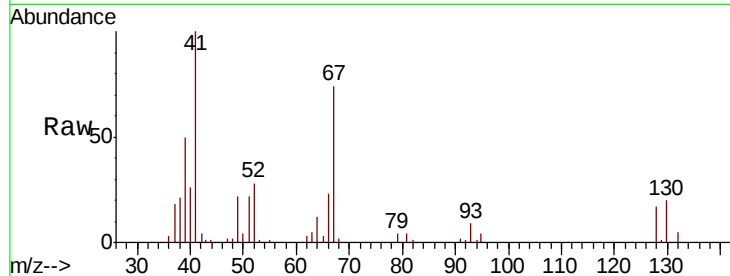
39 53.6 44.0 66.0

67 75.6 58.5 87.7

52 30.3 23.8 35.8

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:11 AM

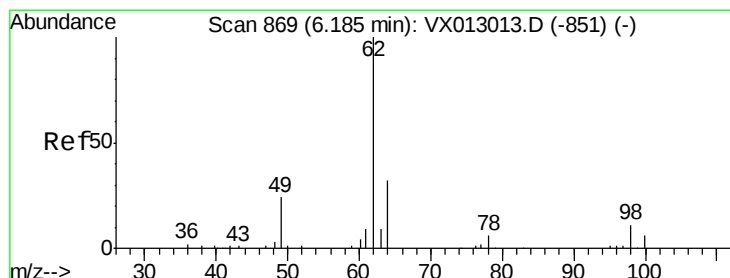
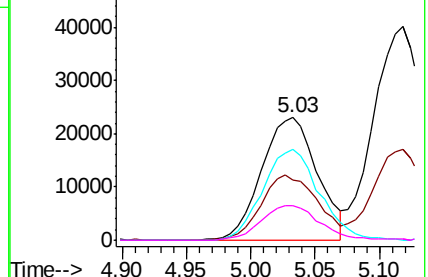
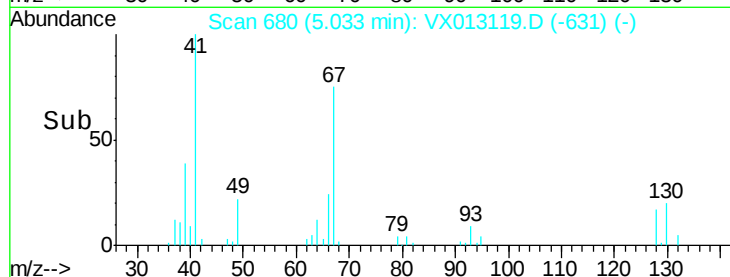


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 55.628 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX013119.D

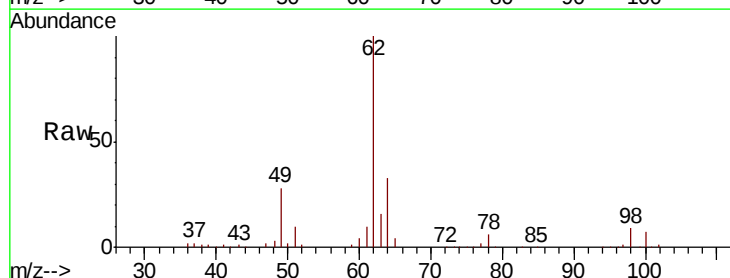
Acq: 17 Oct 2019 19:51

Tgt Ion: 62 Resp: 127615

Ion Ratio Lower Upper

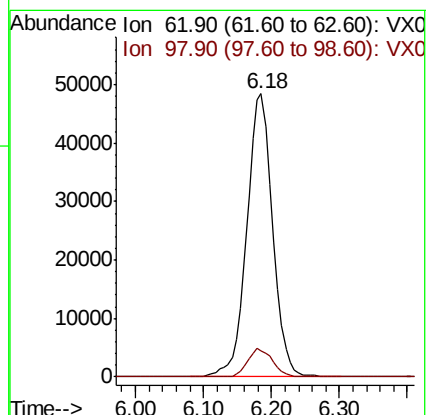
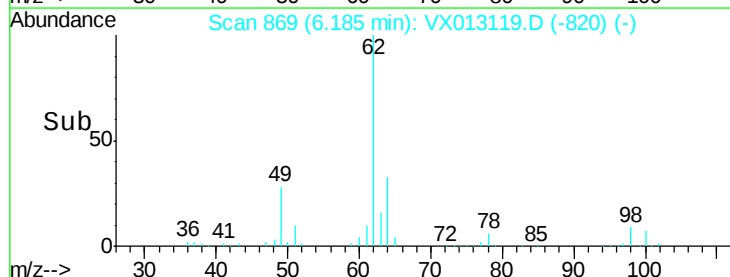
62 100

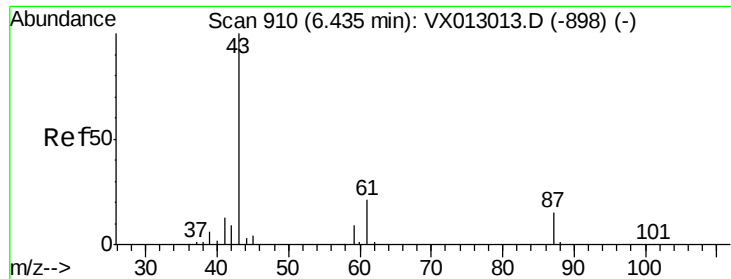
98 9.7 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

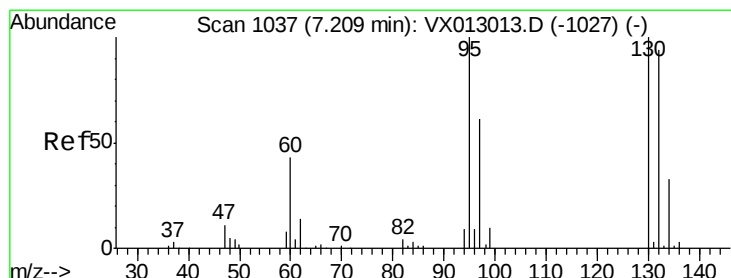
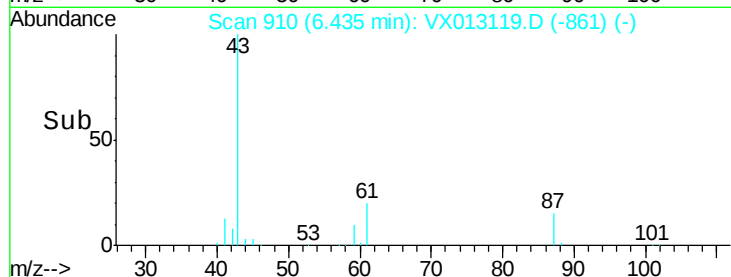
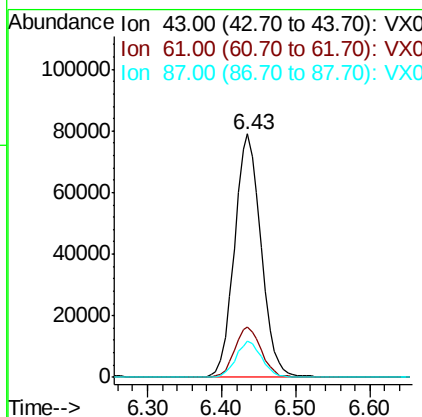
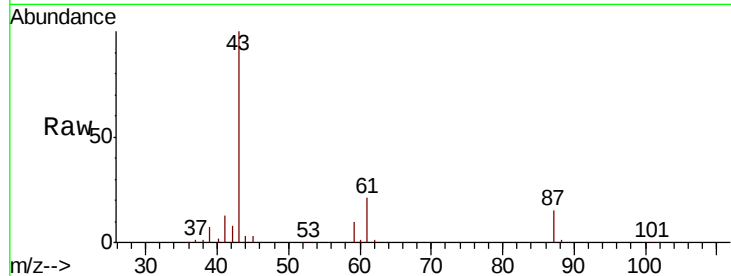
Isopropyl Acetate
 Concen: 50.633 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.6	24.8
87	14.5	11.0	16.6

Manual Integrations
 APPROVED

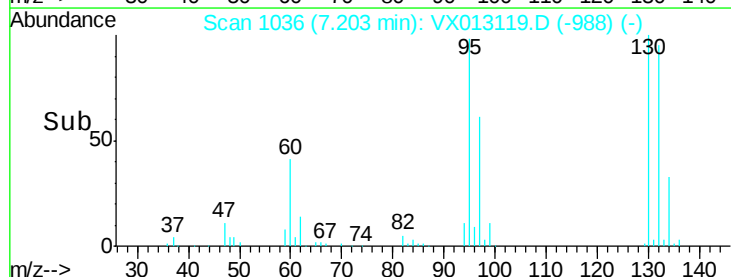
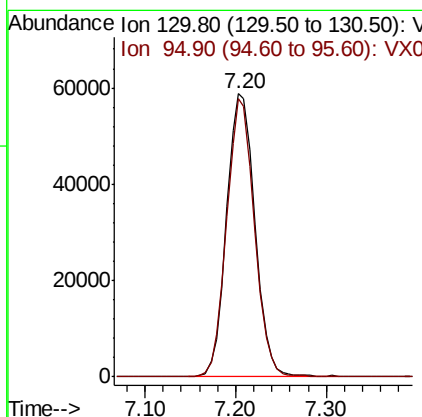
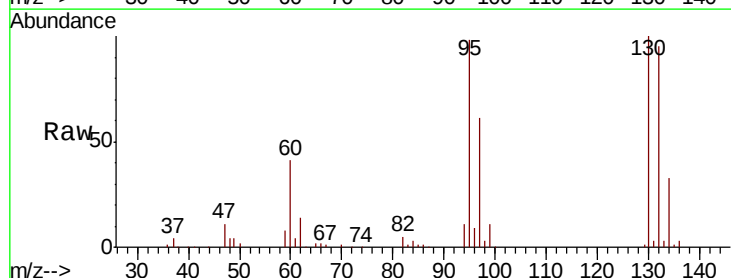
MMDadoda
 10/18/2019 10:05:11 AM

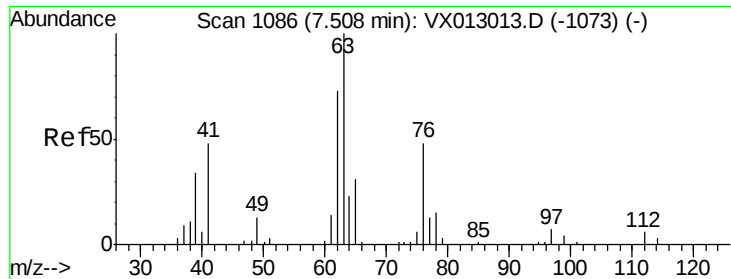


#44

Trichloroethene
 Concen: 71.876 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	189.2





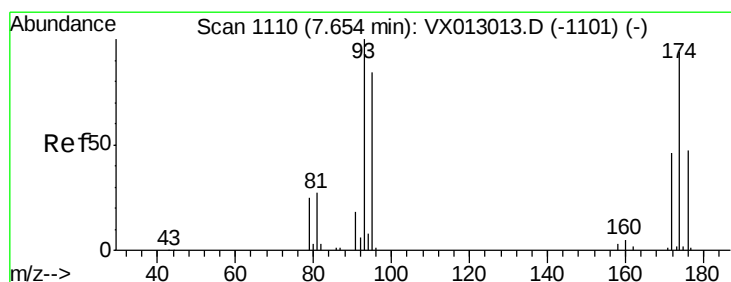
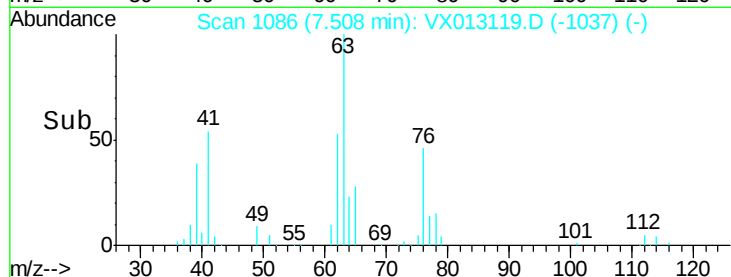
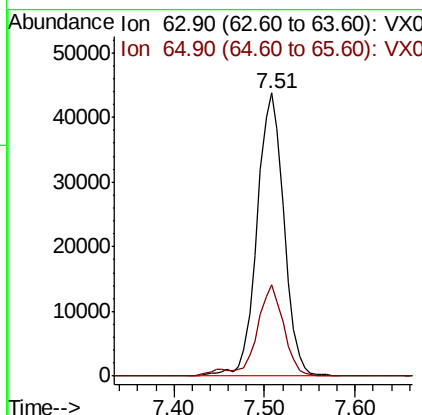
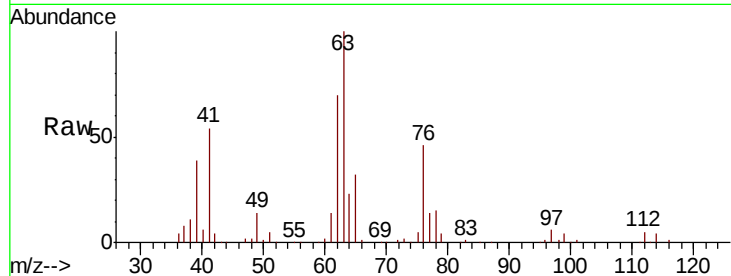
#45
 1,2-Dichloropropane
 Concen: 55.013 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

Tot Ion: 63 Resp: 89639
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.6 37.0

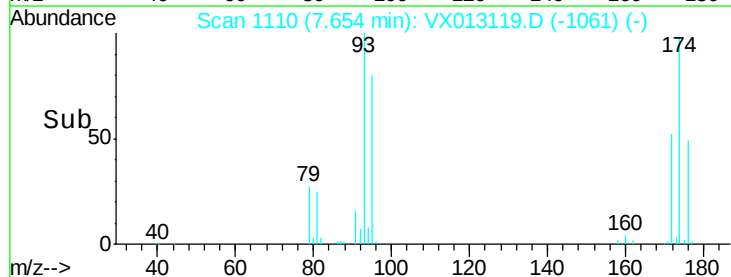
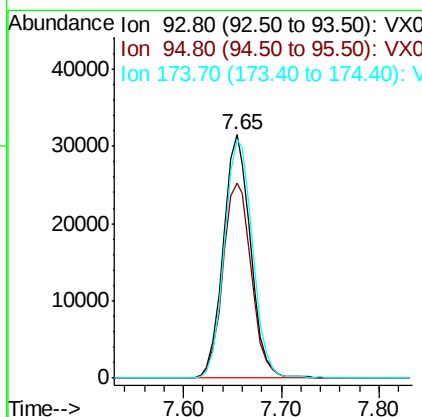
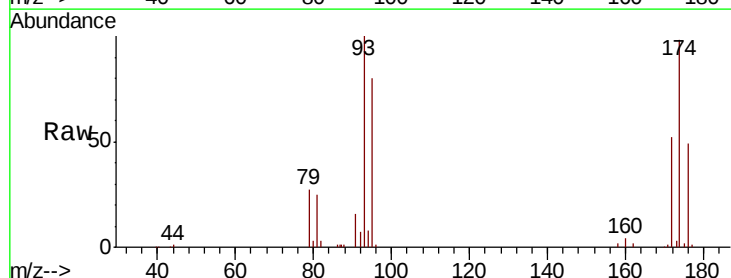
Manual Integrations
 APPROVED

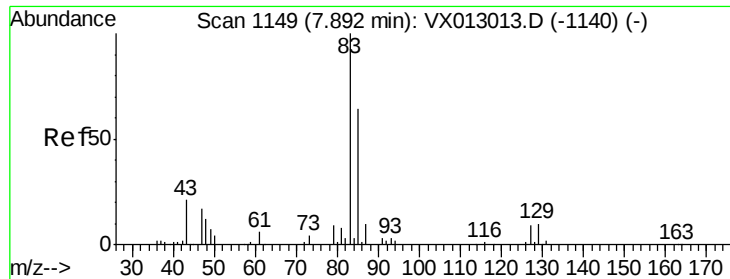
MMDadoda
 10/18/2019 10:05:11 AM



#46
 Dibromomethane
 Concen: 55.897 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Tgt Ion: 93 Resp: 60683
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.3 99.5
 174 101.5 77.8 116.6





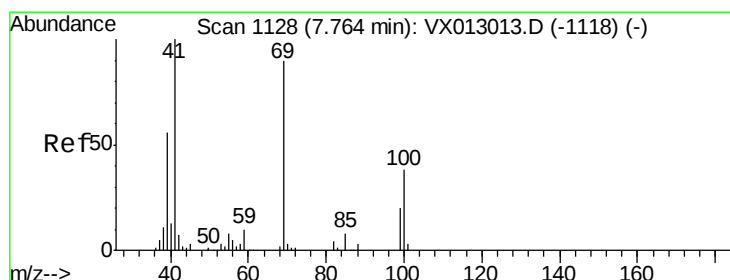
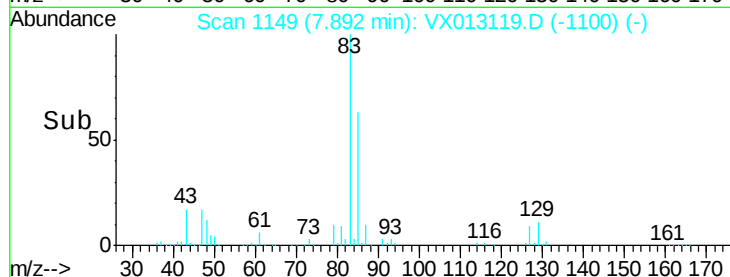
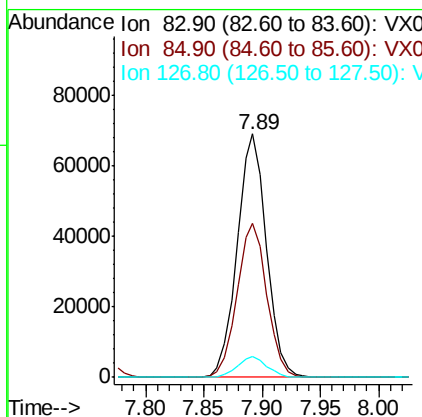
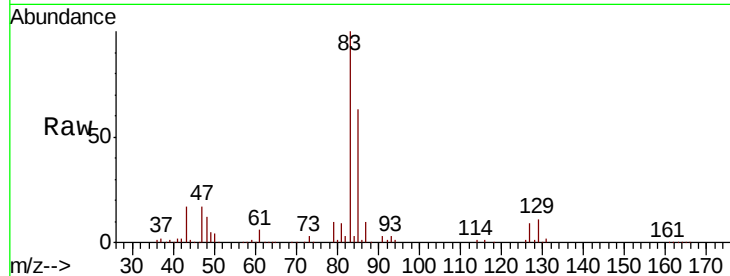
#47
Bromodichloromethane
Concen: 57.023 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	120809		
85	63.3		52.4	78.6
127	8.5		6.6	10.0

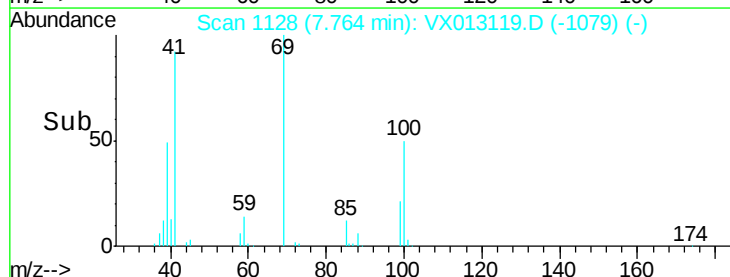
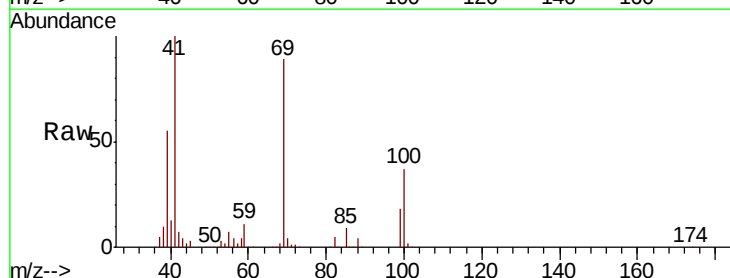
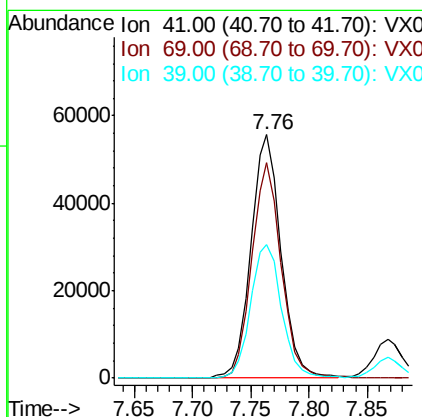
Manual Integrations
APPROVED

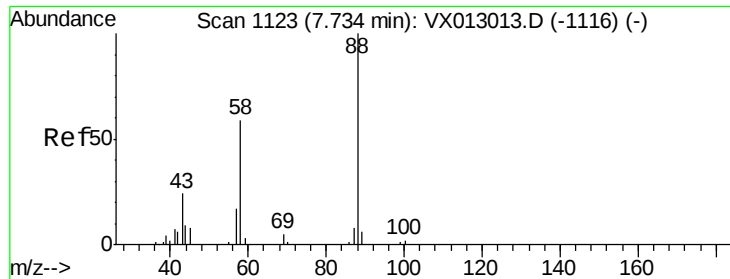
MMDadoda
10/18/2019 10:05:11 AM



#48
Methyl methacrylate
Concen: 53.132 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	100587		
69	87.0		68.7	103.1
39	56.7		44.3	66.5





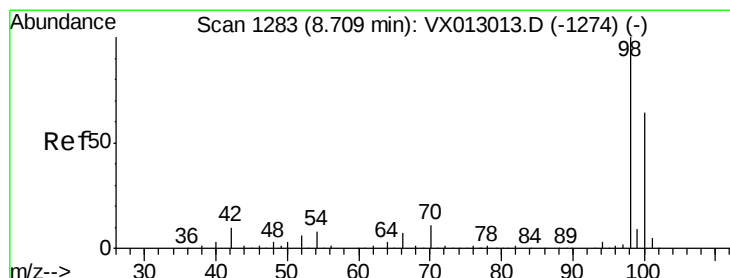
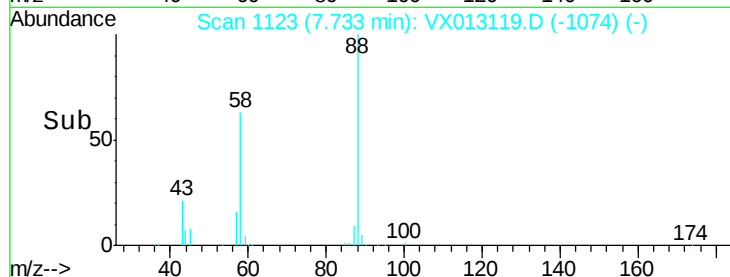
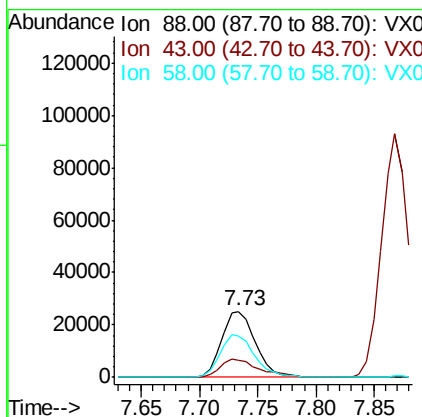
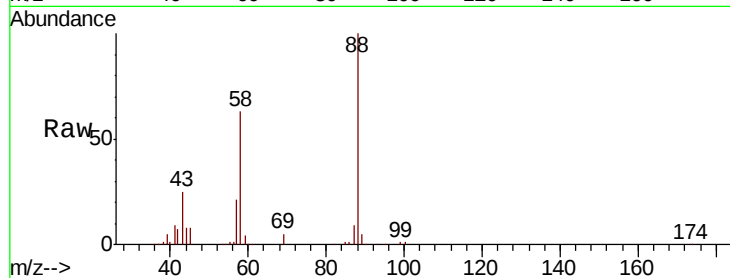
#49
1,4-Dioxane
Concen: 995.025 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.6	25.0	37.6
58	67.2	55.4	83.2

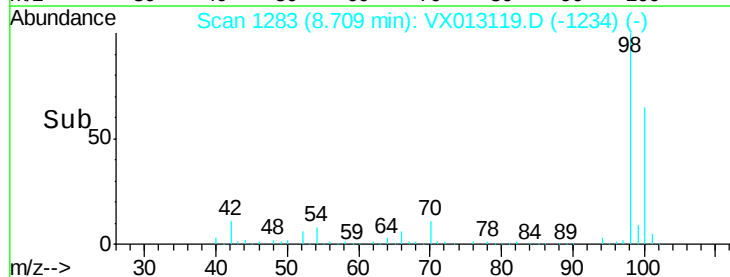
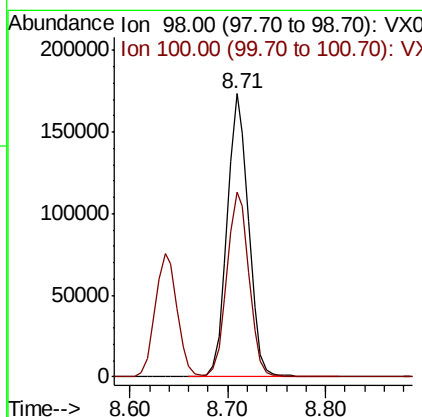
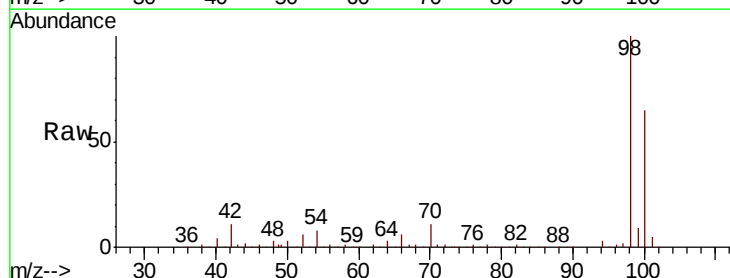
Manual Integrations
APPROVED

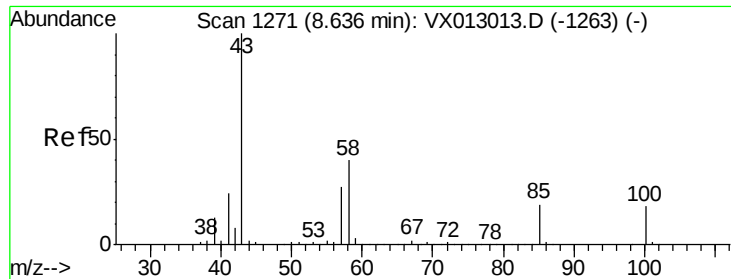
MMDadoda
10/18/2019 10:05:11 AM



#50
Toluene-d8
Concen: 47.782 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 267.182 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMS

Tot Ion: 43 Resp: 647155

Ion Ratio Lower Upper

43 100

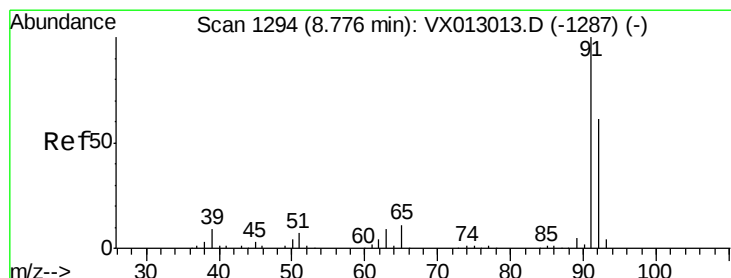
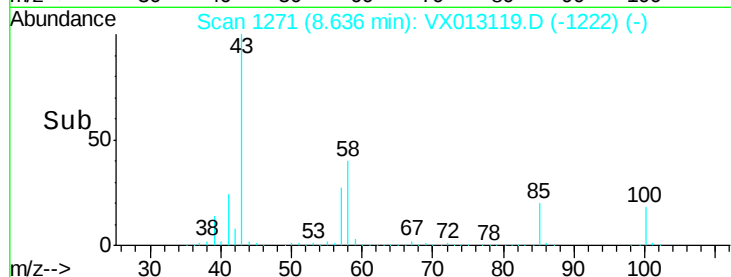
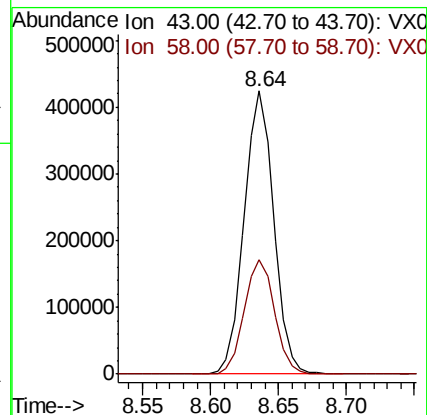
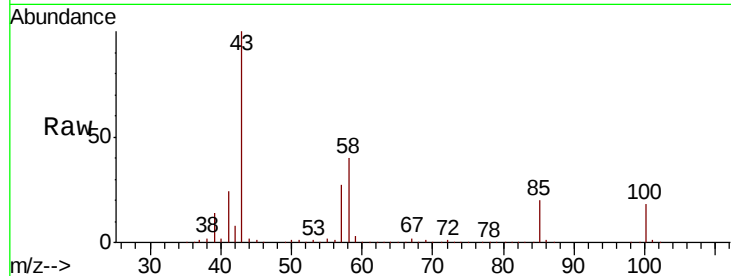
58 41.2 32.4 48.6

Manual Integrations

APPROVED

MMDadoda

10/18/2019 10:05:11 AM



#52

Toluene

Concen: 53.371 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013119.D

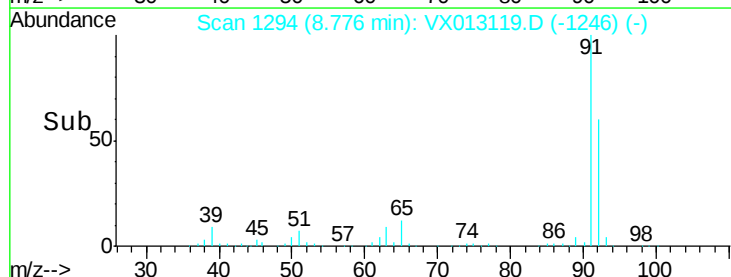
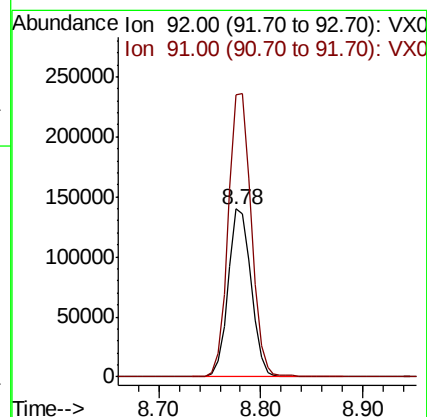
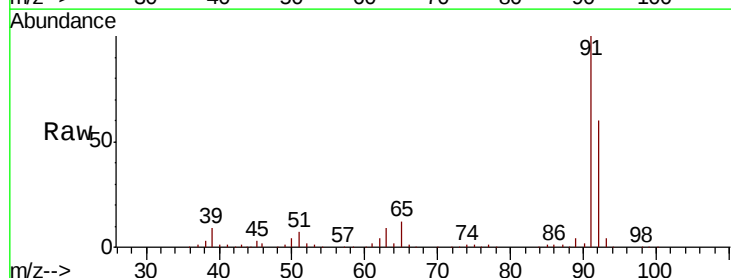
Acq: 17 Oct 2019 19:51

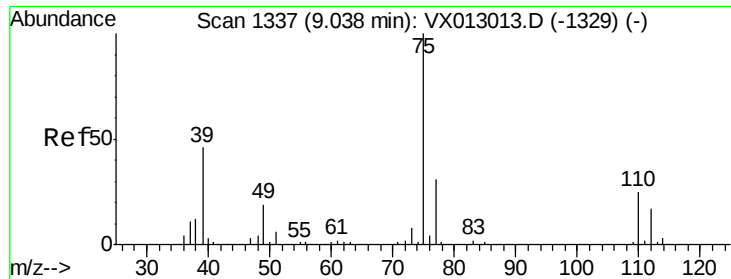
Tgt Ion: 92 Resp: 218293

Ion Ratio Lower Upper

92 100

91 169.3 135.9 203.9





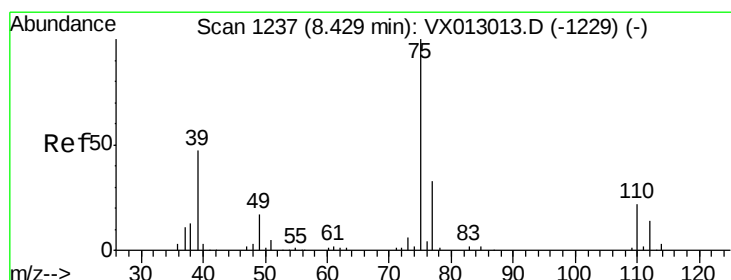
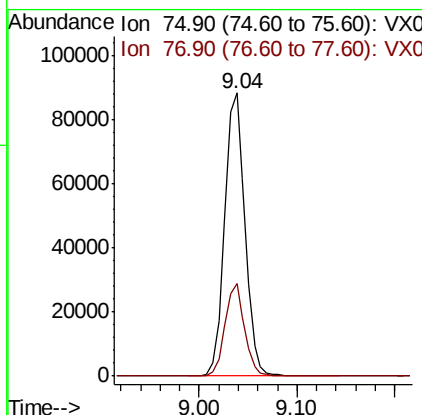
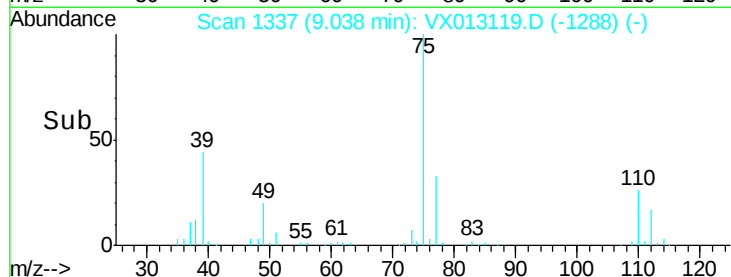
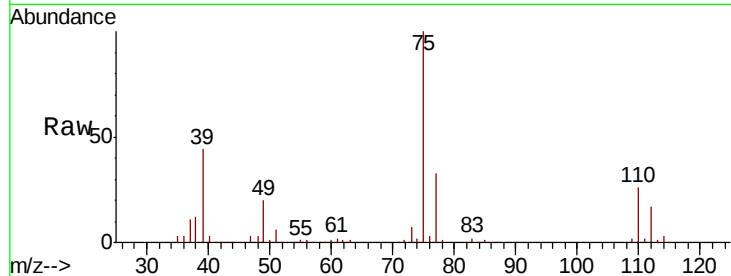
#53
 t-1,3-Dichloropropene
 Concen: 48.162 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

Tot Ion: 75 Resp: 127115
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.8 38.6

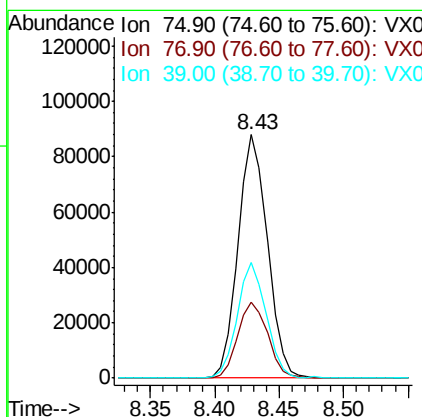
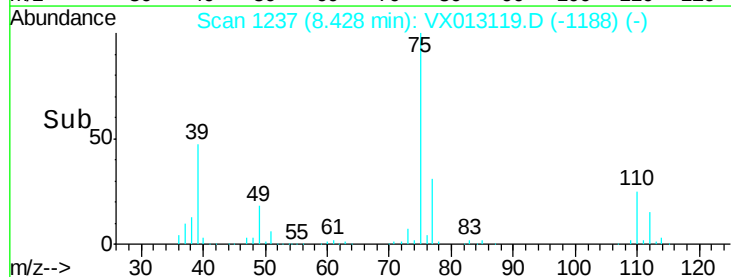
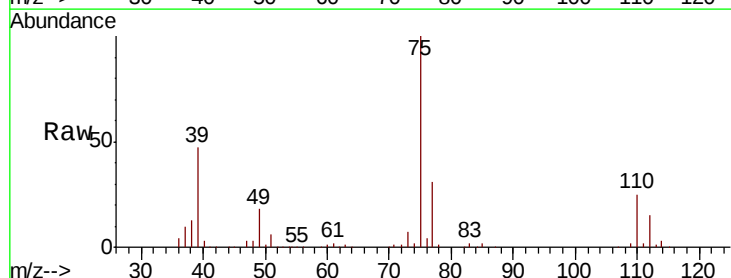
Manual Integrations
 APPROVED

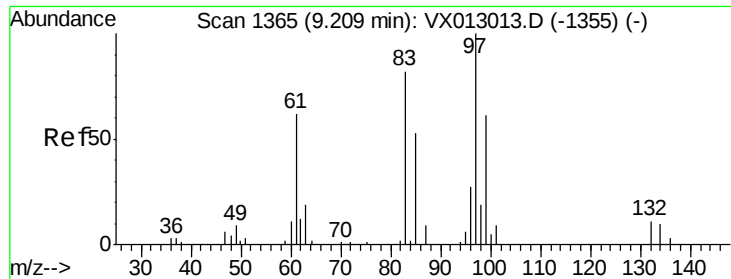
MMDadoda
 10/18/2019 10:05:11 AM



#54
 cis-1,3-Dichloropropene
 Concen: 53.447 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Tgt Ion: 75 Resp: 139266
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.8 38.8
 39 47.2 38.2 57.2





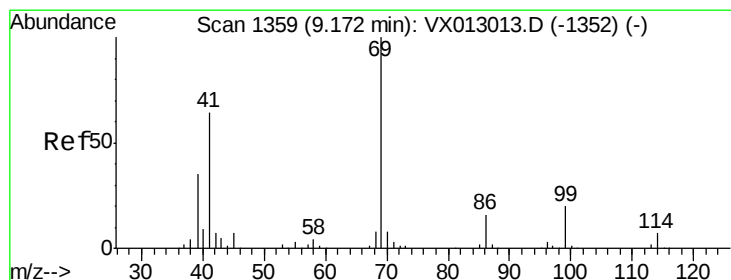
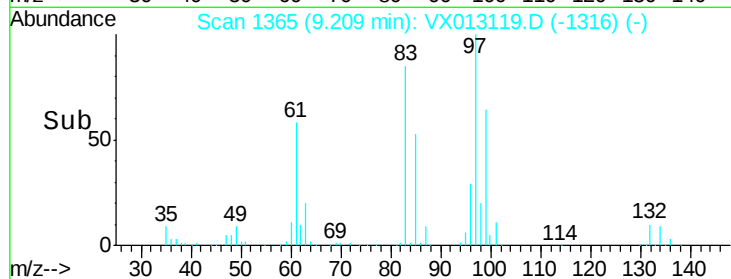
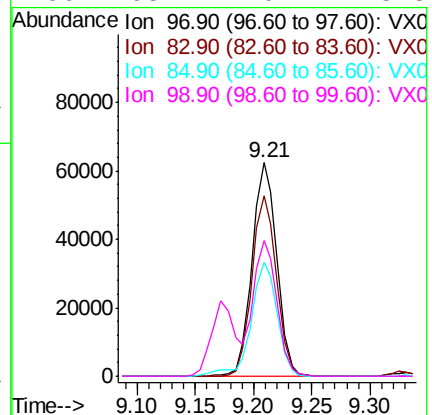
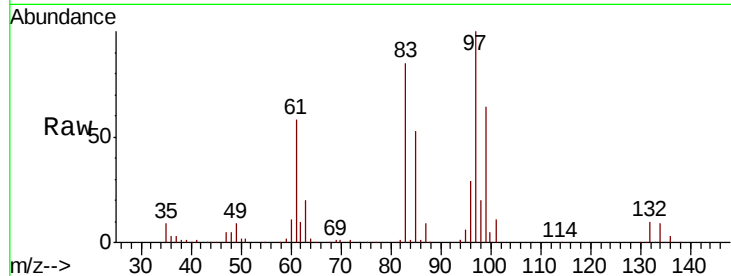
#55
1,1,2-Trichloroethane
Concen: 57.140 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

Tot Ion:	97	Resp:	92489
Ion	Ratio	Lower	Upper
97	100		
83	84.6	66.5	99.7
85	53.3	43.1	64.7
99	63.4	49.2	73.8

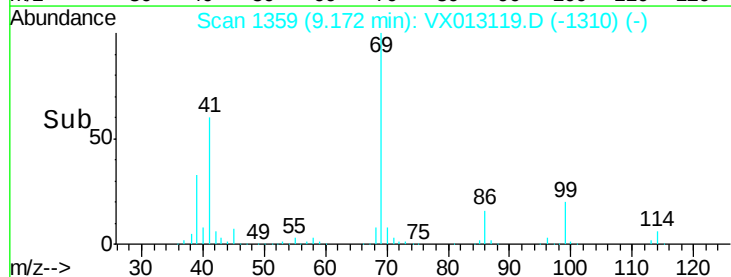
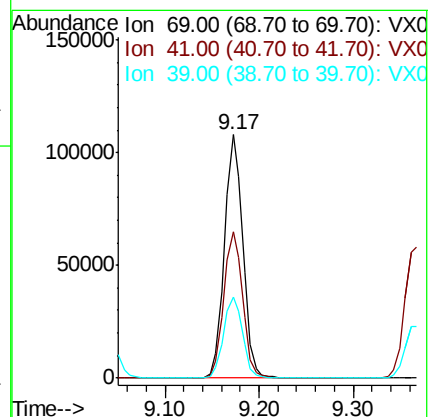
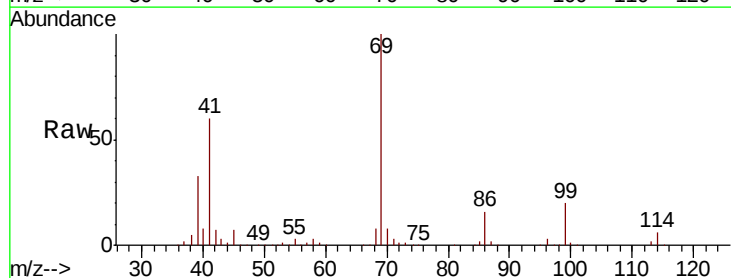
Manual Integrations
APPROVED

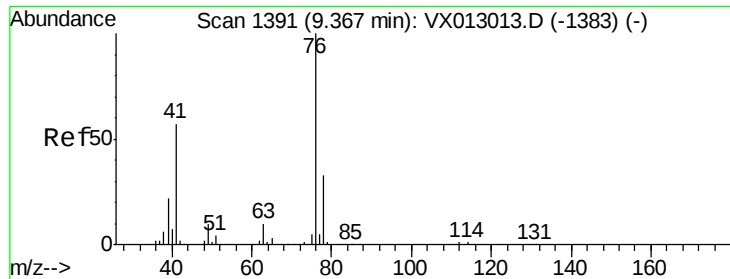
MMDadoda
10/18/2019 10:05:11 AM



#56
Ethyl methacrylate
Concen: 50.540 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion:	69	Resp:	146548
Ion	Ratio	Lower	Upper
69	100		
41	62.1	52.1	78.1
39	34.5	27.8	41.8





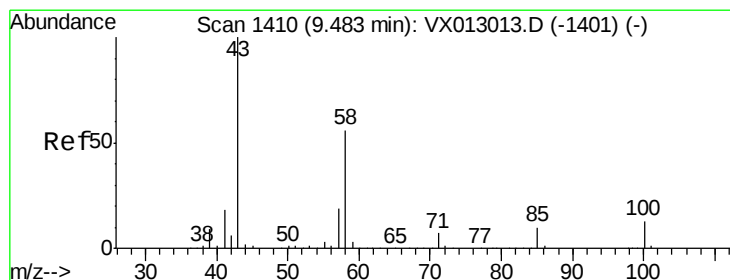
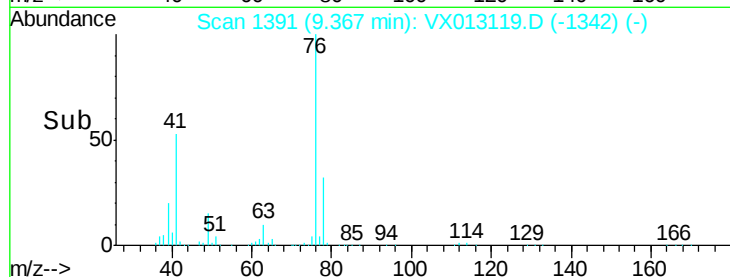
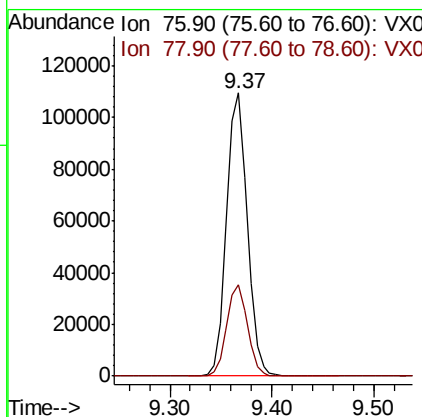
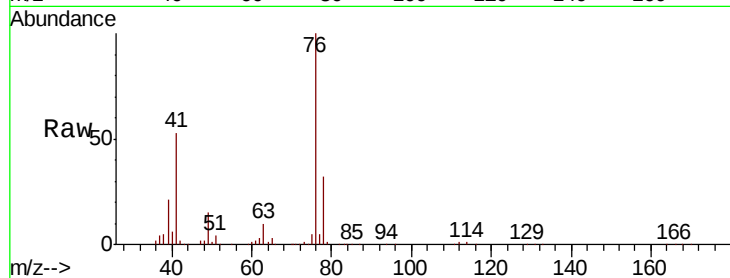
#57
 1,3-Dichloropropane
 Concen: 54.974 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.1	39.1

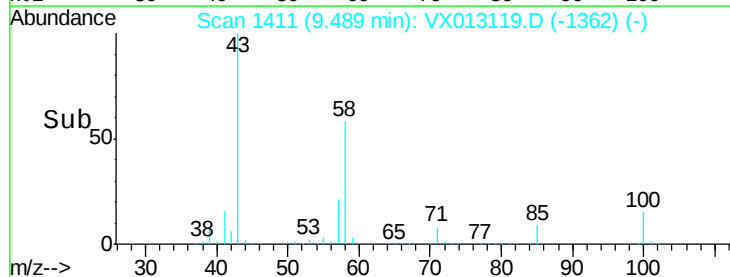
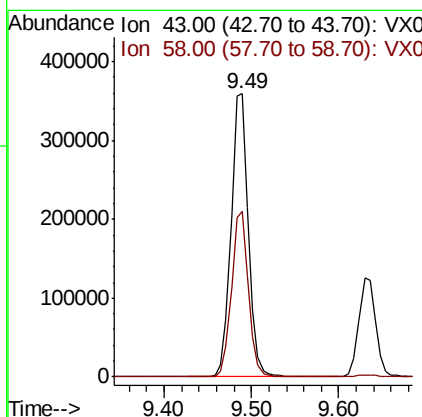
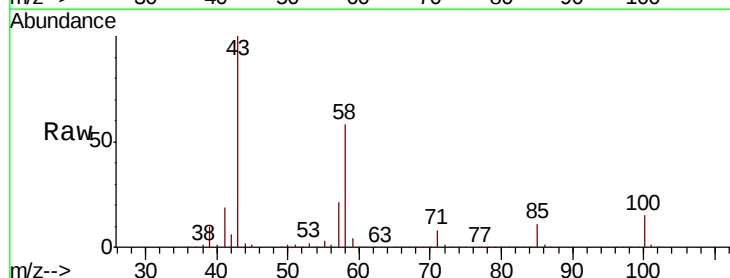
Manual Integrations
 APPROVED

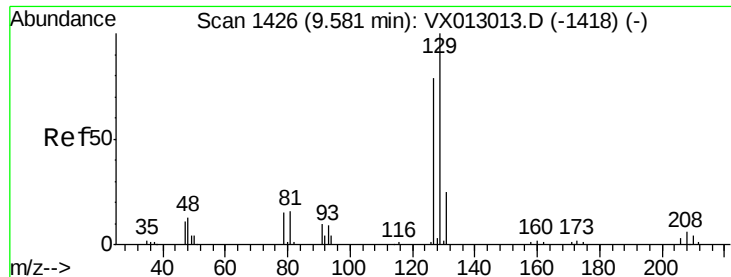
MMDadoda
 10/18/2019 10:05:11 AM



#59
 2-Hexanone
 Concen: 263.941 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Tgt Ion	Ratio	Lower	Upper
43	100		
58	57.3	28.1	84.3





#60

Dibromochloromethane

Concen: 52.288 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMS

Tot Ion:129 Resp: 94344

Ion Ratio Lower Upper

129 100

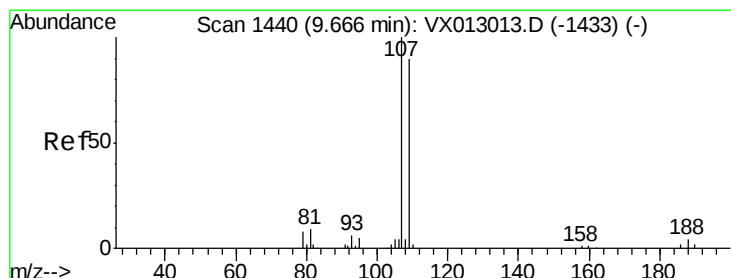
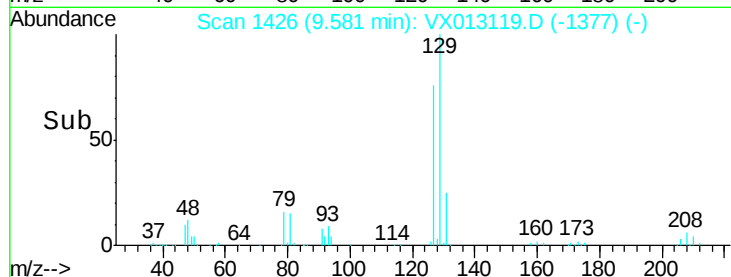
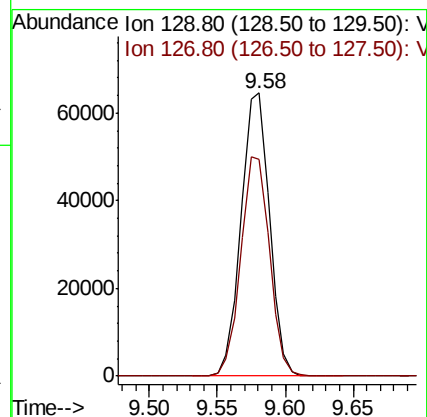
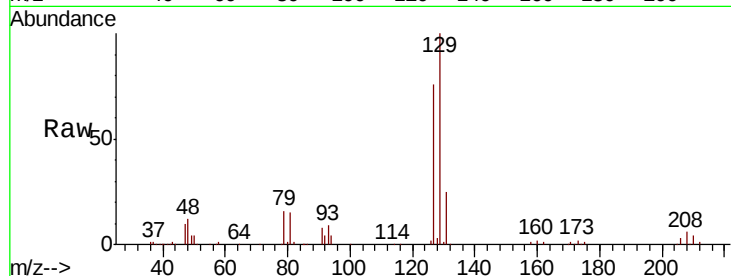
127 78.2 38.9 116.7

Manual Integrations

APPROVED

MMDadoda

10/18/2019 10:05:11 AM



#61

1,2-Dibromoethane

Concen: 55.824 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013119.D

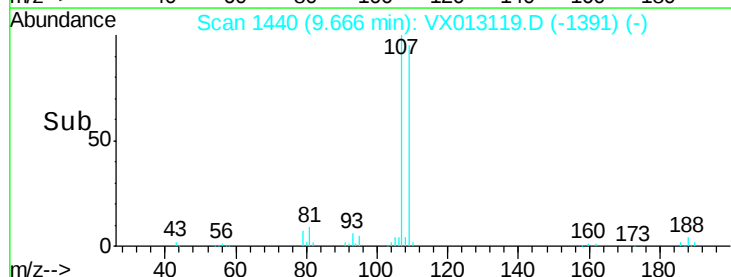
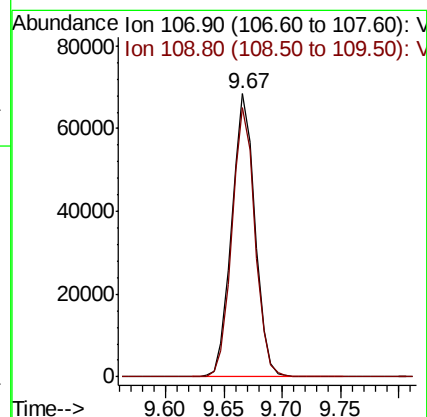
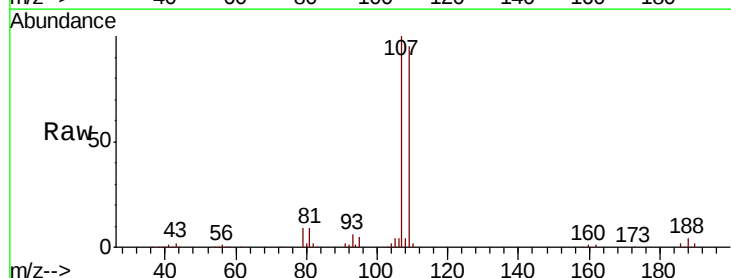
Acq: 17 Oct 2019 19:51

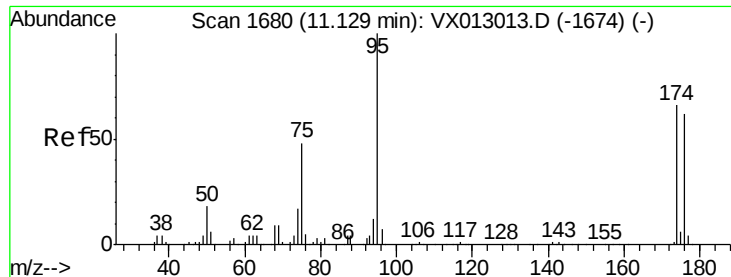
Tgt Ion:107 Resp: 95053

Ion Ratio Lower Upper

107 100

109 94.3 75.8 113.6





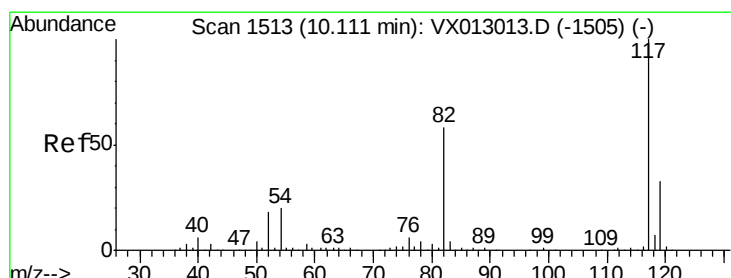
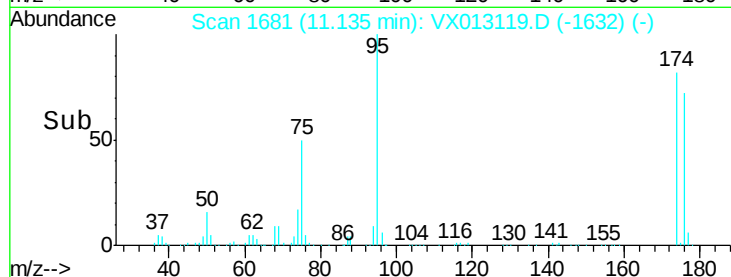
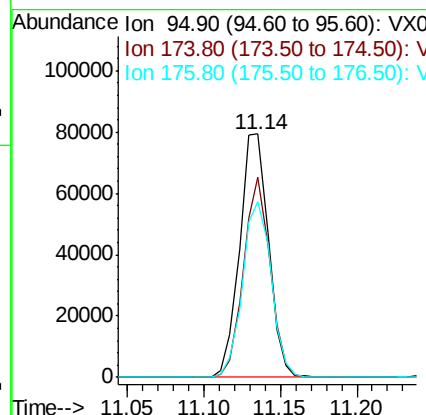
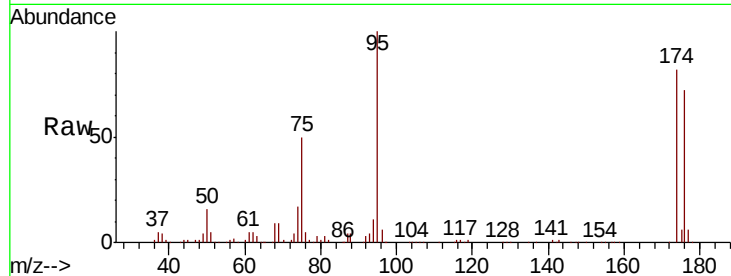
#62
4-Bromofluorobenzene
Concen: 48.666 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	104217		
174	75.3	0.0	143.4	
176	71.4	0.0	136.0	

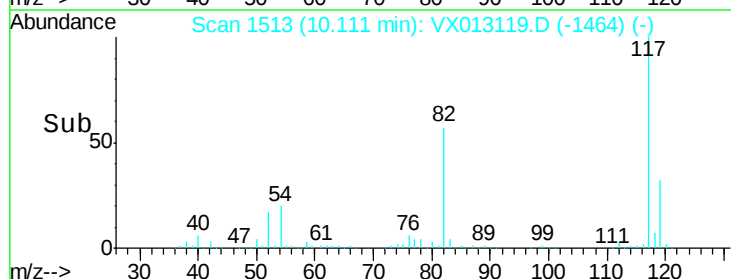
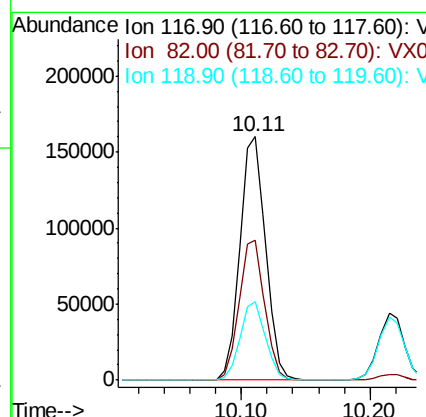
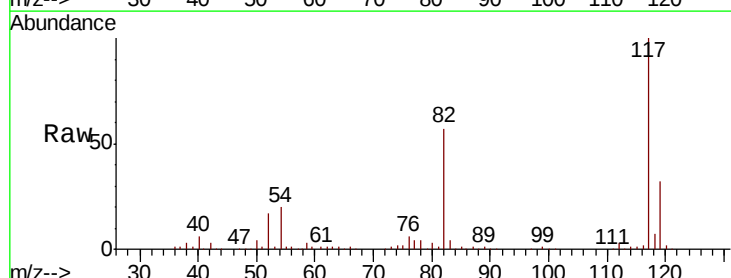
Manual Integrations
APPROVED

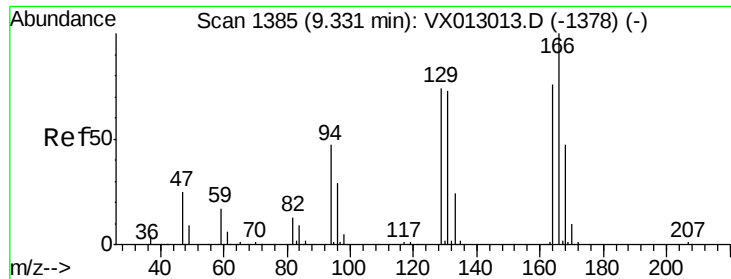
MMDadoda
10/18/2019 10:05:11 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	222296		
82	57.5	44.1	66.1	
119	32.3	25.8	38.8	





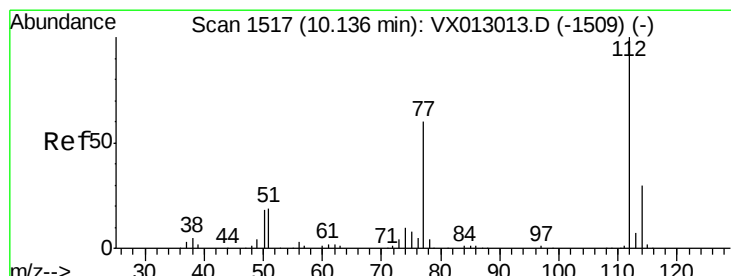
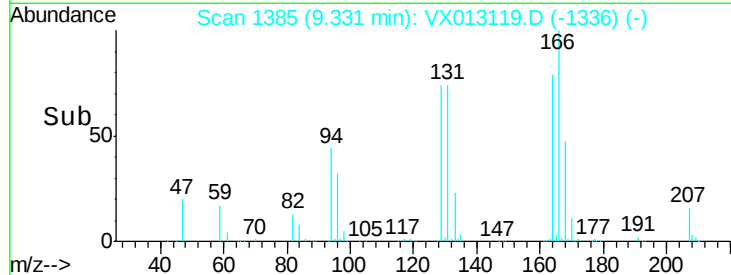
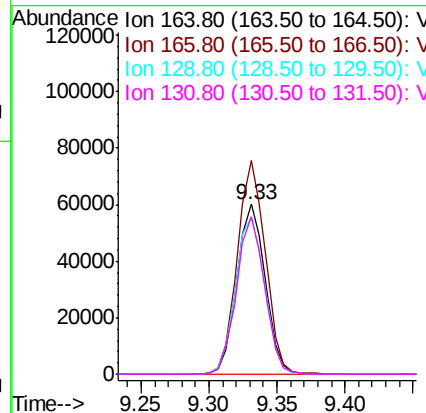
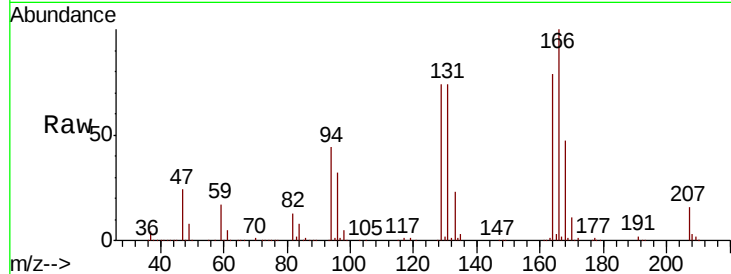
#64
Tetrachloroethene
Concen: 56.792 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	125.8	96.9	145.3	
129	92.9	77.9	116.9	
131	92.6	72.7	109.1	

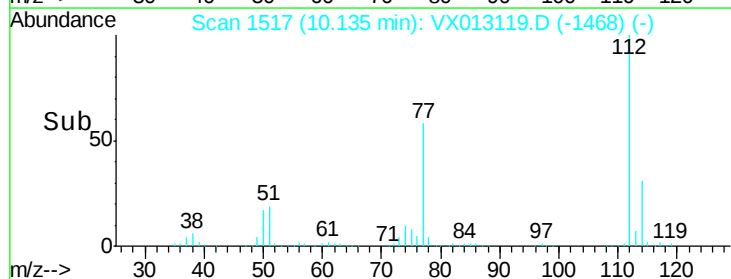
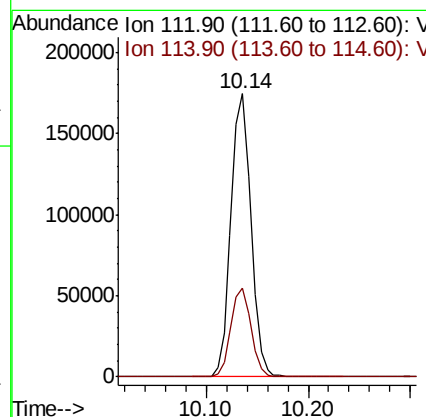
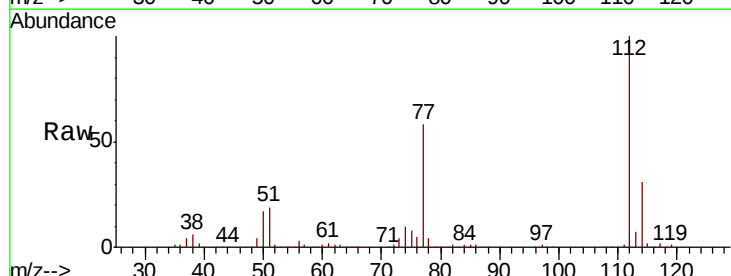
Manual Integrations
APPROVED

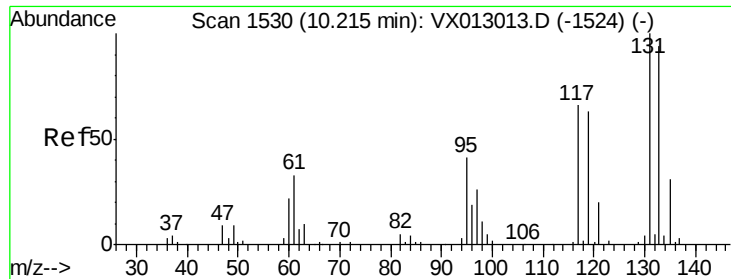
MMDadoda
10/18/2019 10:05:11 AM



#65
Chlorobenzene
Concen: 53.913 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	31.2	25.7	38.5	





#66

1,1,1,2-Tetrachloroethane

Concen: 58.181 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMS

Tot Ion:131 Resp: 89052

Ion Ratio Lower Upper

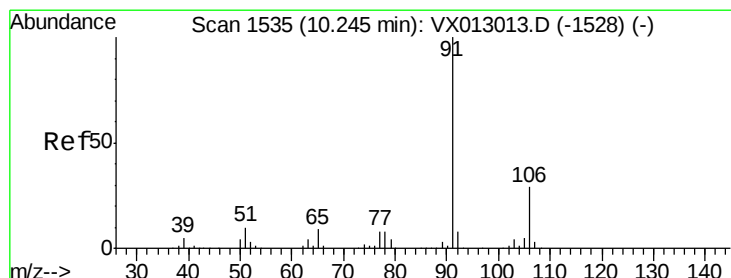
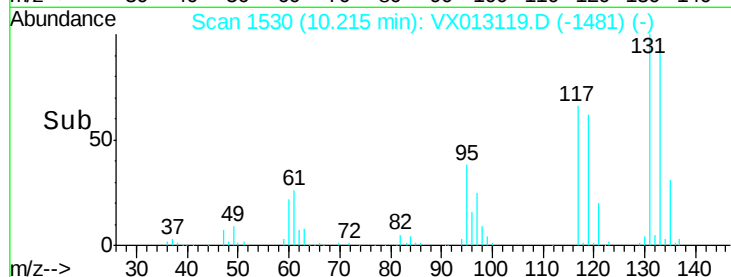
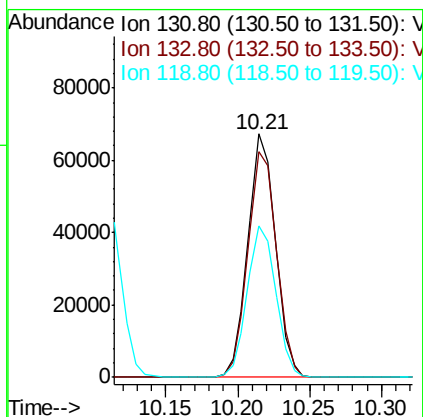
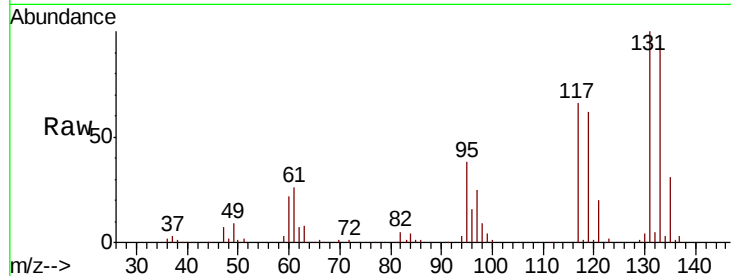
131 100

133 96.2 47.2 141.6

119 64.6 32.6 98.0

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:11 AM



#67

Ethyl Benzene

Concen: 54.304 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013119.D

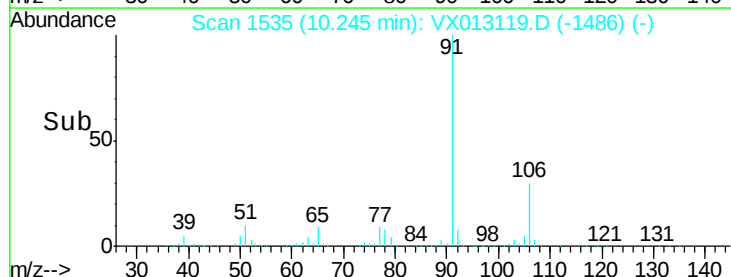
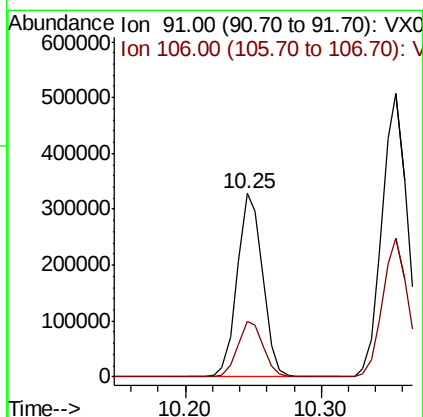
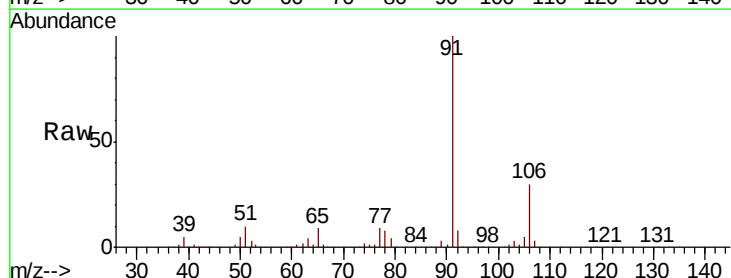
Acq: 17 Oct 2019 19:51

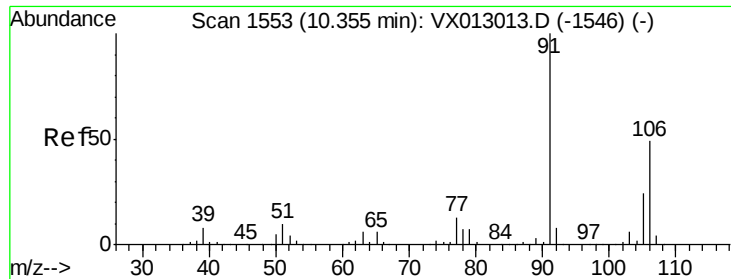
Tgt Ion: 91 Resp: 425816

Ion Ratio Lower Upper

91 100

106 30.3 23.9 35.9





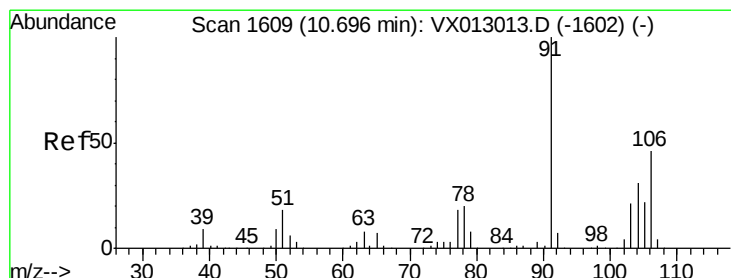
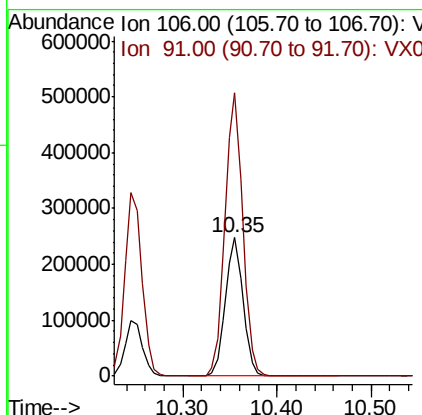
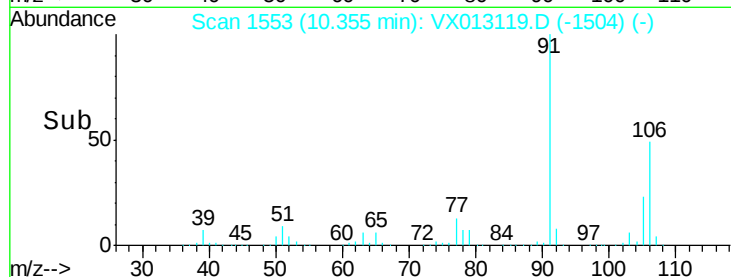
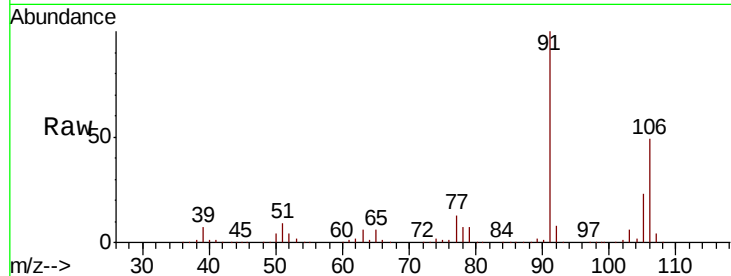
#68
m/p-Xvlenes
Concen: 110.293 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

Tot Ion:106 Resp: 323089
Ion Ratio Lower Upper
106 100
91 205.4 165.3 247.9

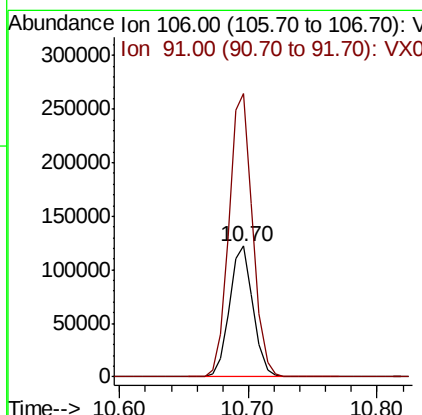
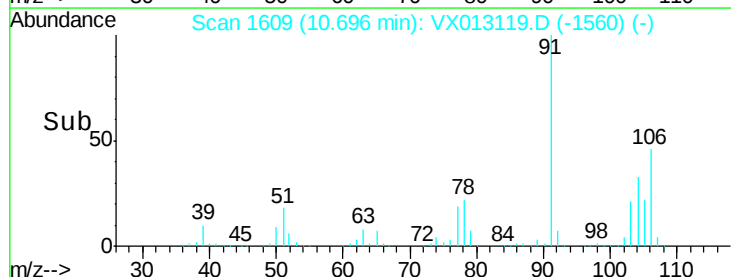
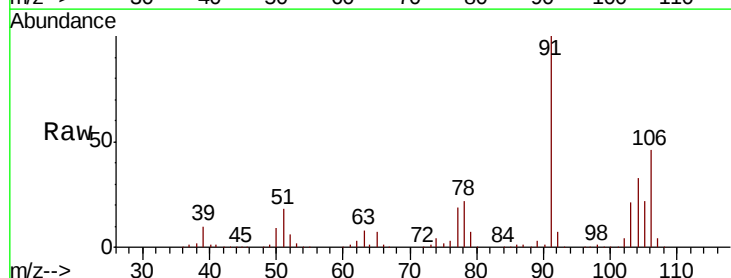
Manual Integrations
APPROVED

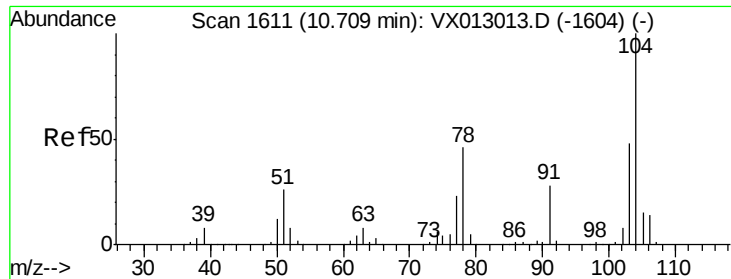
MMDadoda
10/18/2019 10:05:11 AM



#69
o-Xylene
Concen: 54.604 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion:106 Resp: 155984
Ion Ratio Lower Upper
106 100
91 218.2 109.1 327.3





#70

Stvrene

Concen: 56.453 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

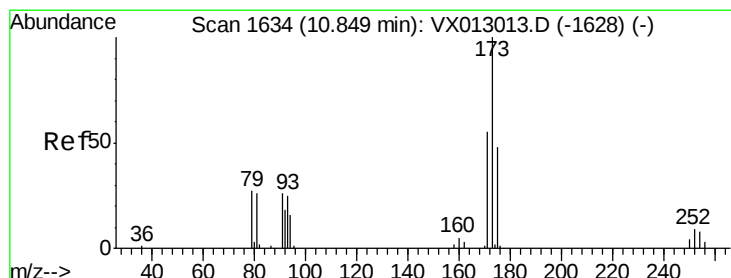
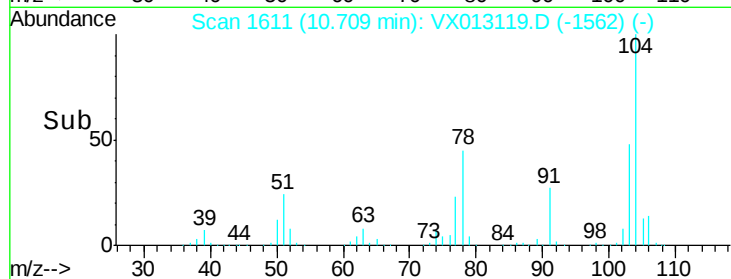
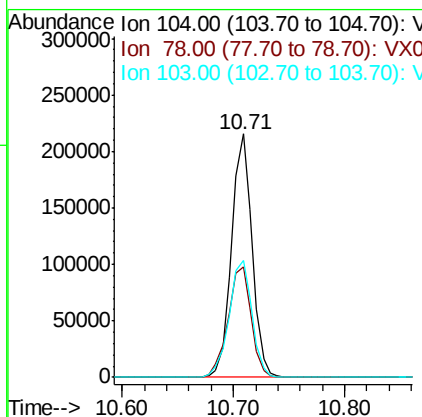
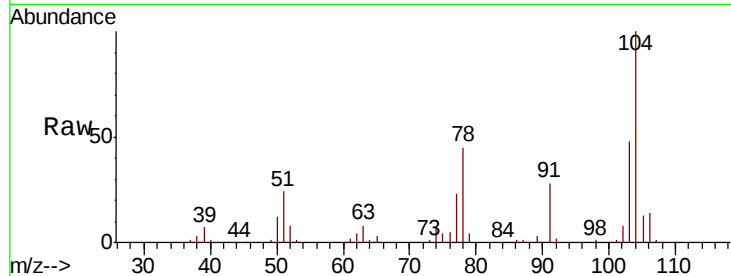
ClientSampleId :

FA19-JMW0301CMS

Tot Ion:	104	Resp:	274155
Ion Ratio	Lower	Upper	
104	100		
78	51.6	41.2	61.8
103	53.3	43.0	64.4

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:11 AM



#71

Bromoform

Concen: 50.502 ug/l

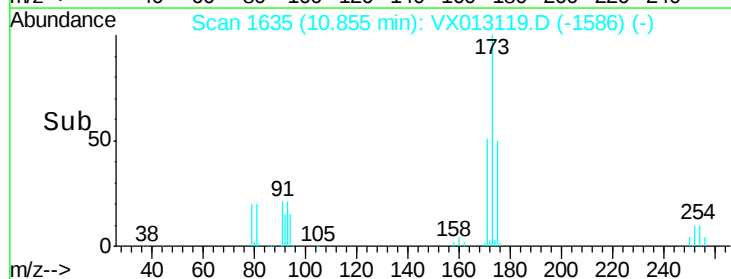
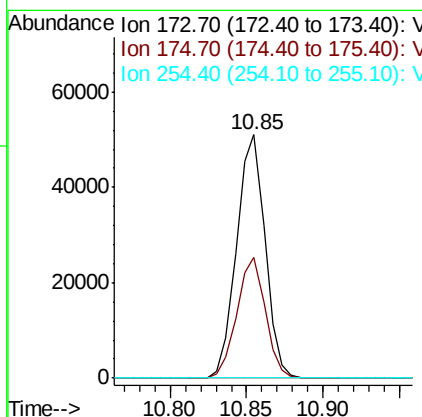
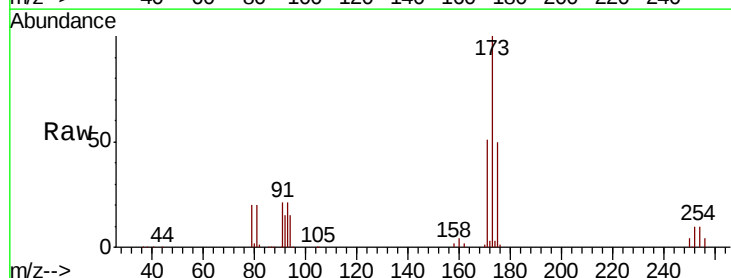
RT: 10.85 min Scan# 1635

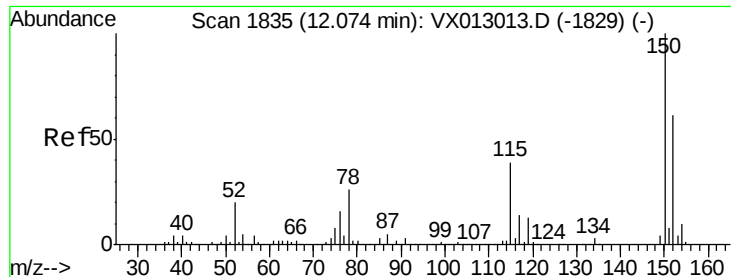
Delta R.T. 0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Tgt Ion:	173	Resp:	65893
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.1	72.3
254	0.1	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: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

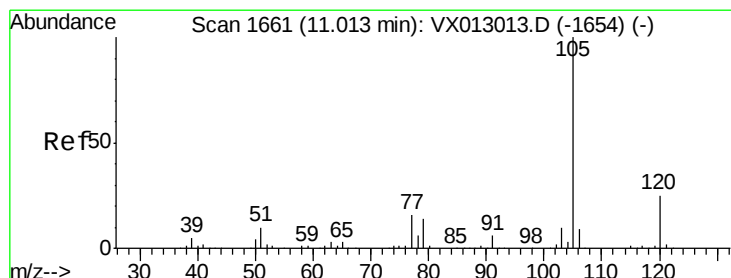
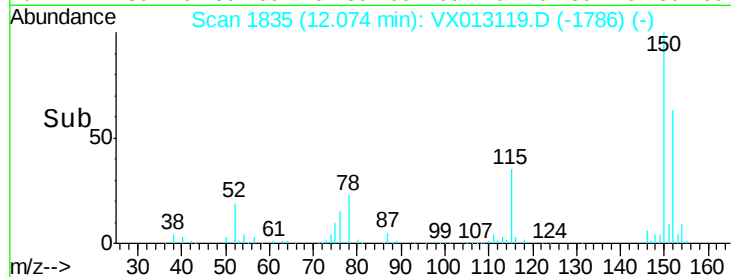
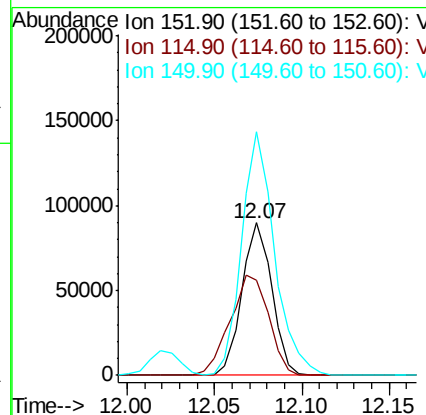
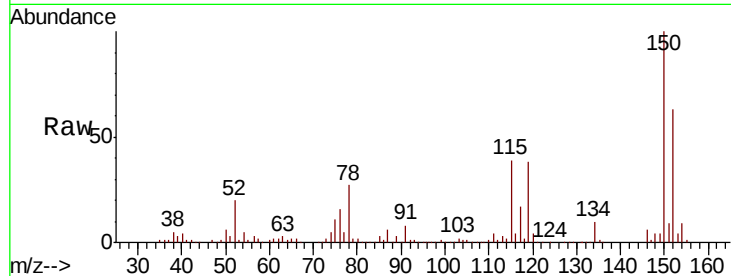
ClientSampleId :

FA19-JMW0301CMS

Tot Ion:	152	Resp:	106877
Ion Ratio	Lower	Upper	
152	100		
115	85.4	44.5	133.5
150	176.1	0.0	353.4

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:11 AM



#73

Isopropylbenzene

Concen: 53.590 ug/l

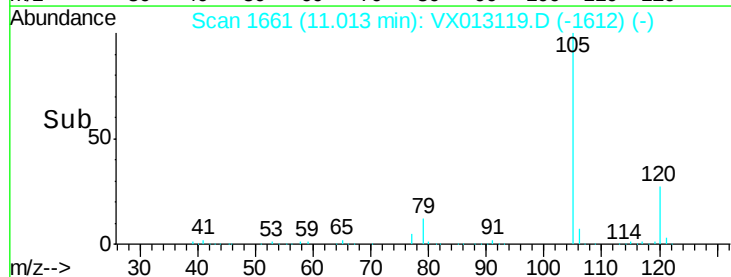
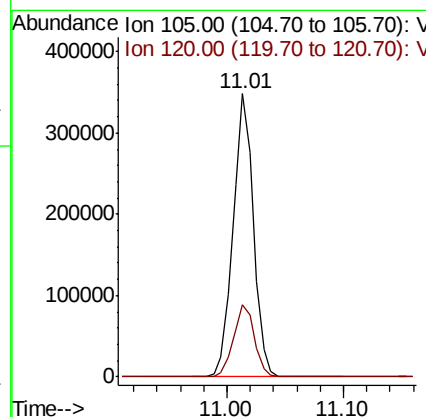
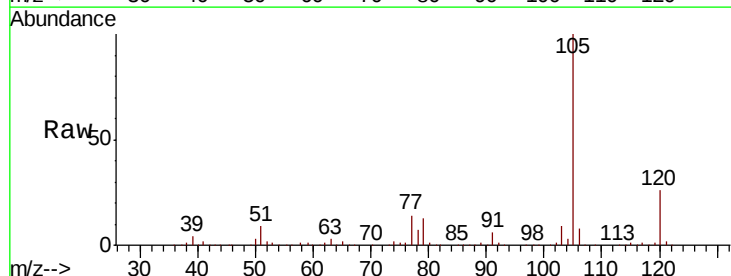
RT: 11.01 min Scan# 1661

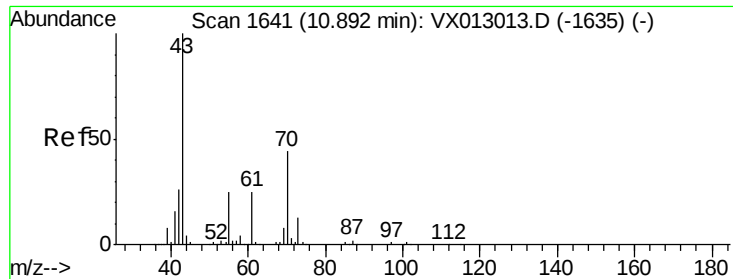
Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Tgt Ion:	105	Resp:	421103
Ion Ratio	Lower	Upper	
105	100		
120	26.2	13.0	39.0





#74

N-amvl acetate

Concen: 48.684 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

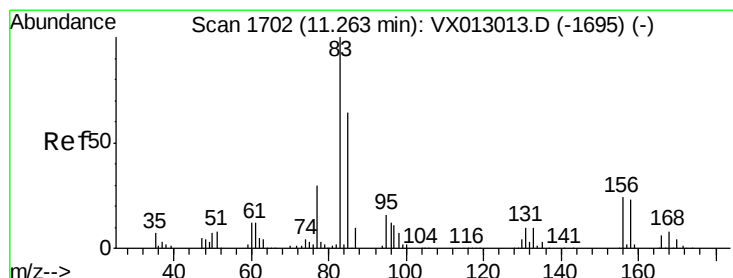
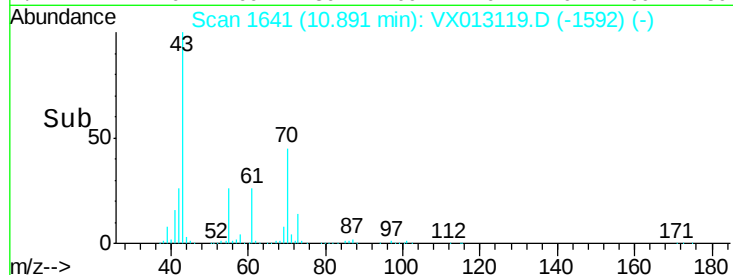
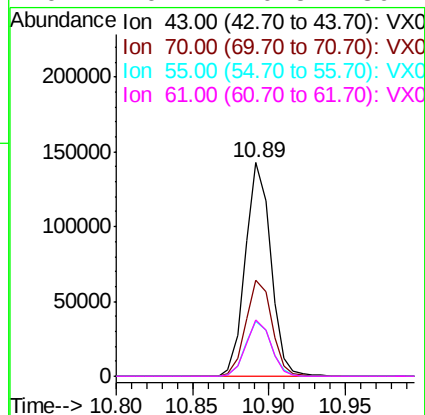
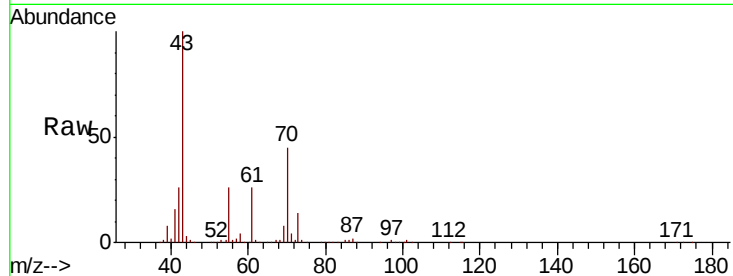
ClientSampleId :

FA19-JMW0301CMS

Tot Ion	43	Resp	164757
Ion	Ratio	Lower	Upper
43	100		
70	46.7	36.4	54.6
55	26.4	20.2	30.2
61	26.2	20.5	30.7

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:11 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 52.158 ug/l

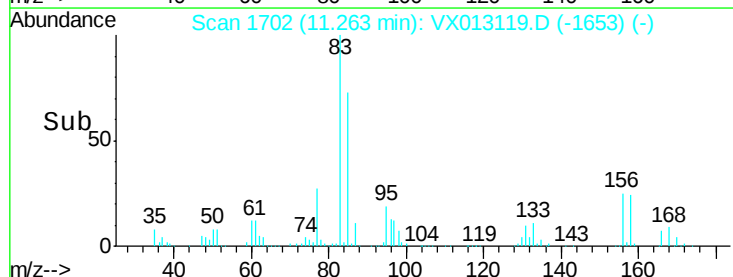
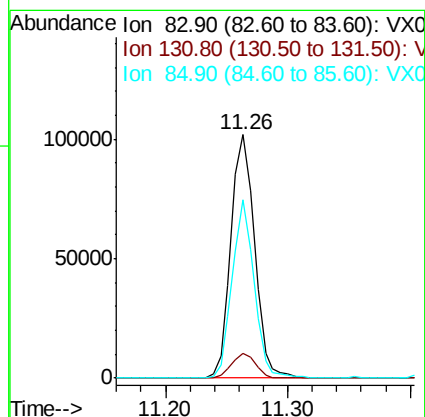
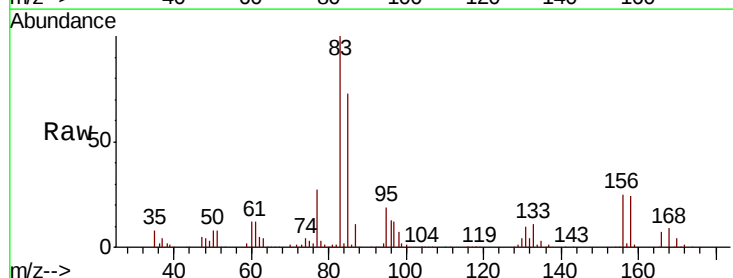
RT: 11.26 min Scan# 1702

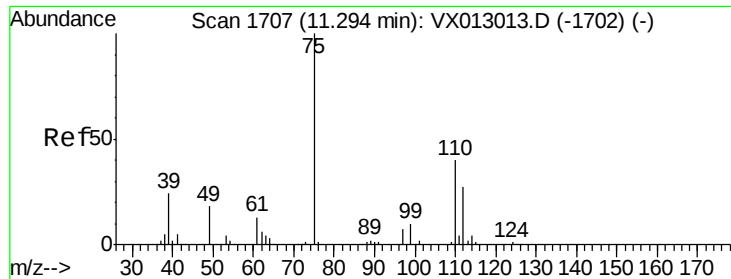
Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Tgt Ion	83	Resp	136316
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.1	15.3
85	68.0	32.1	96.5





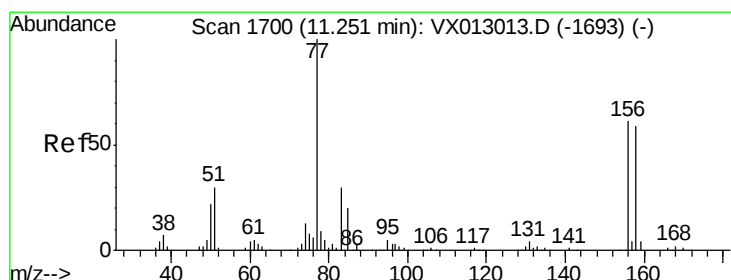
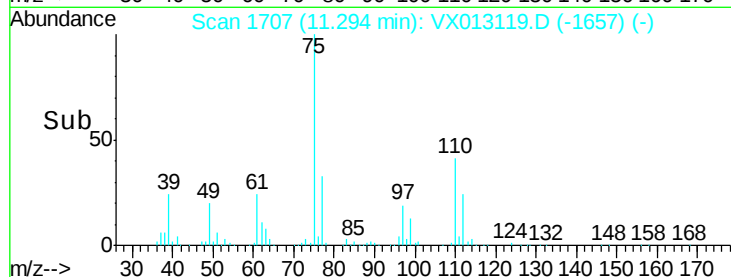
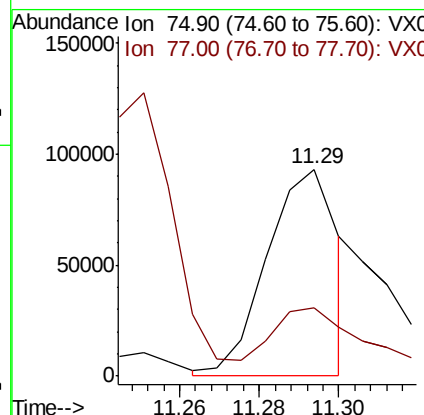
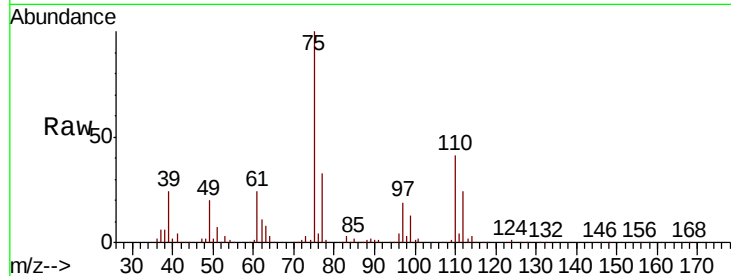
#76
1,2,3-Trichloropropane
Concen: 48.278 ug/l m
RT: 11.29 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

Tot Ion: 75 Resp: 114443
Ion Ratio Lower Upper
75 100
77 44.0 22.9 68.8

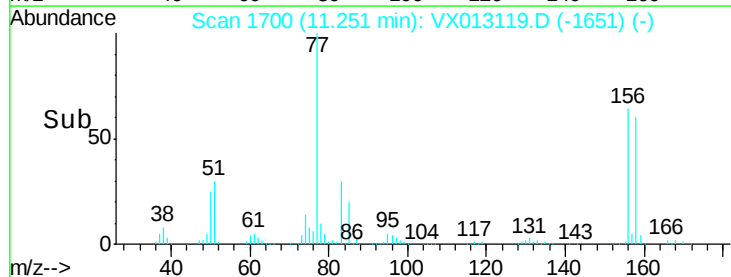
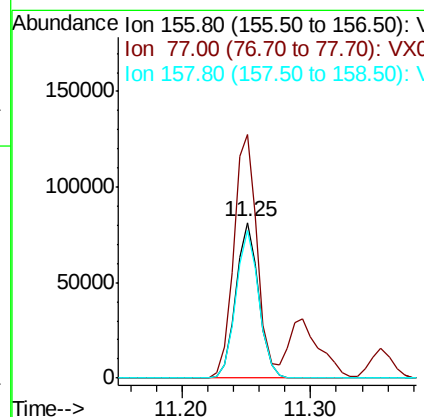
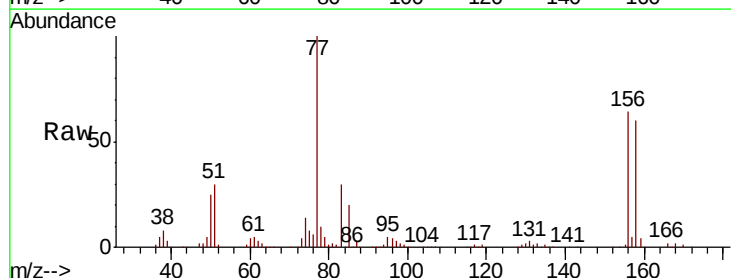
Manual Integrations
APPROVED

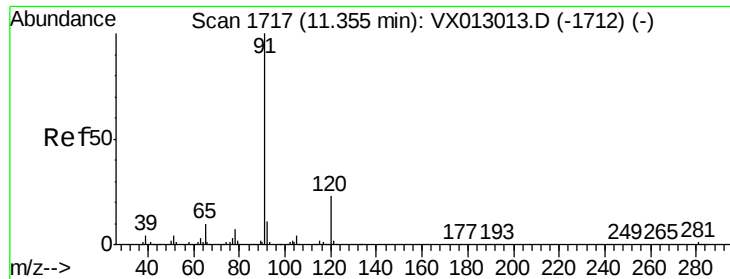
MMDadoda
10/18/2019 10:05:11 AM



#77
Bromobenzene
Concen: 54.563 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion: 156 Resp: 101033
Ion Ratio Lower Upper
156 100
77 161.7 83.7 251.0
158 95.9 48.6 145.9





#78

n-propylbenzene

Concen: 52.621 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMS

Tot Ion: 91 Resp: 454987

Ion Ratio Lower Upper

91 100

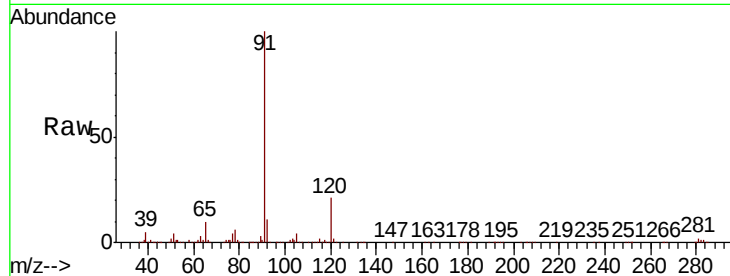
120 23.0 11.7 35.1

Manual Integrations

APPROVED

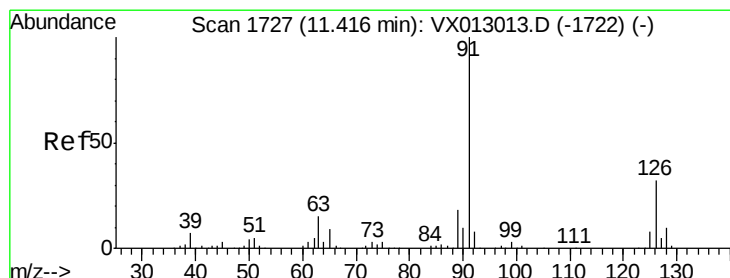
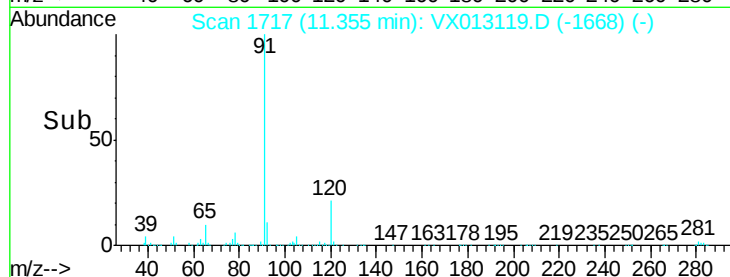
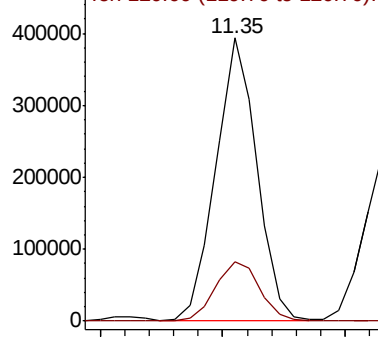
MMDadoda

10/18/2019 10:05:11 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 52.200 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013119.D

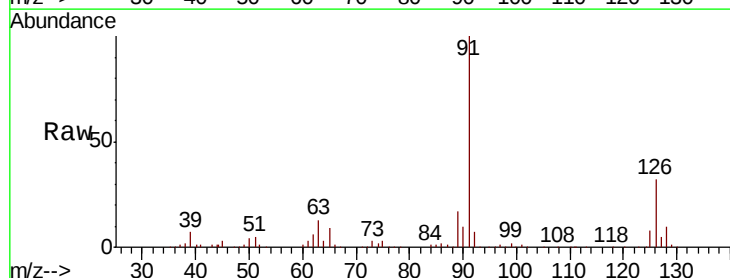
Acq: 17 Oct 2019 19:51

Tgt Ion: 91 Resp: 283658

Ion Ratio Lower Upper

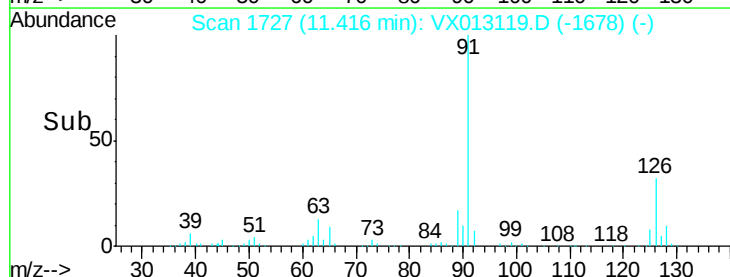
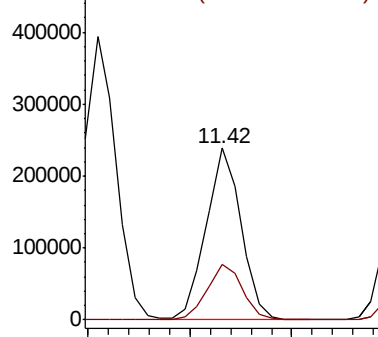
91 100

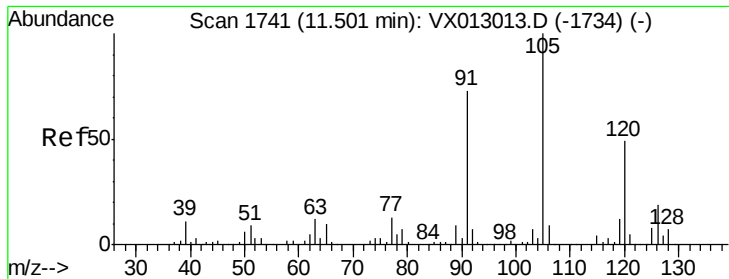
126 32.8 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





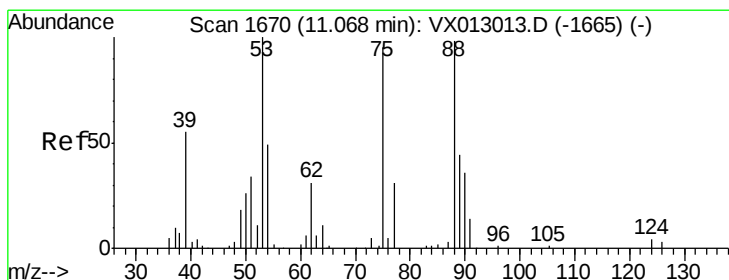
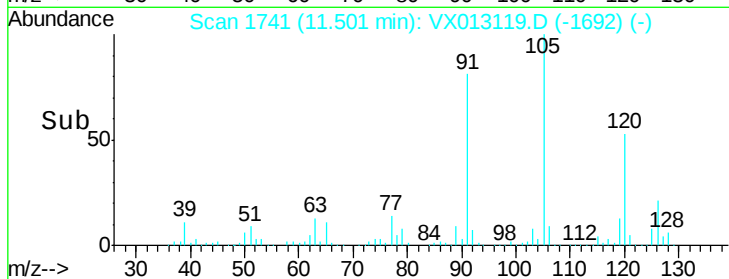
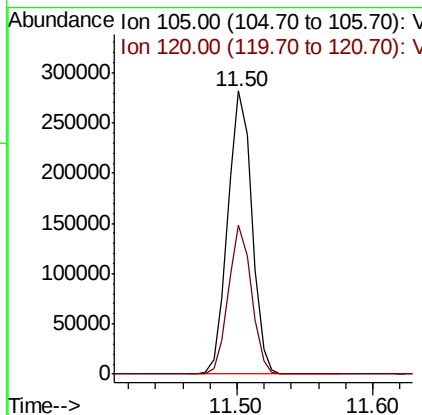
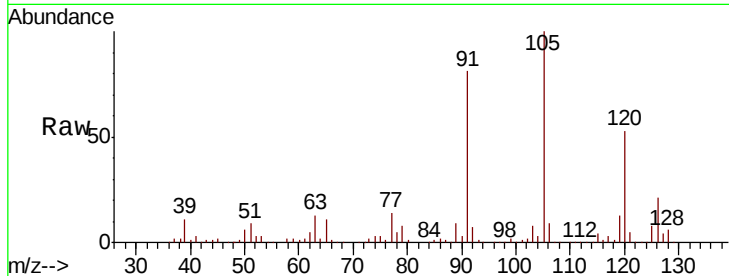
#80
 1,3,5-Trimethylbenzene
 Concen: 52.695 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

Tot Ion:105 Resp: 345750
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.8 74.3

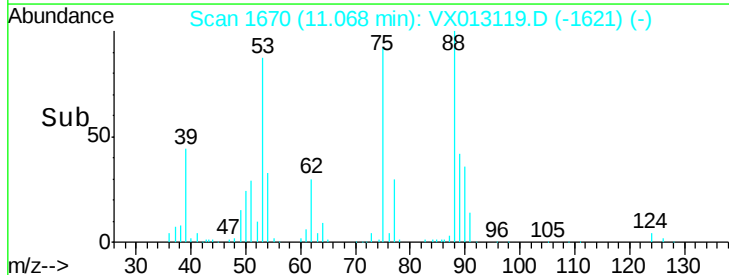
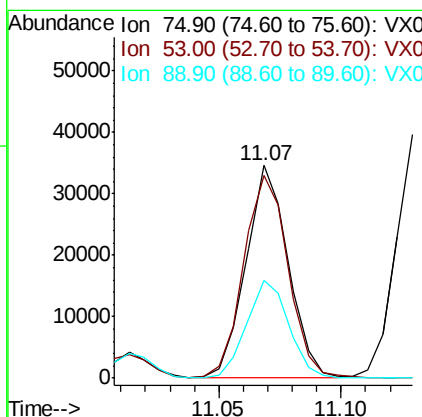
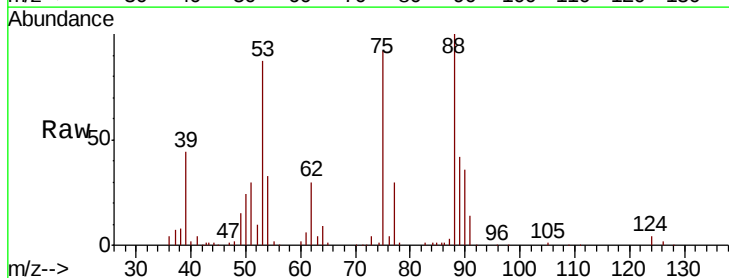
Manual Integrations
 APPROVED

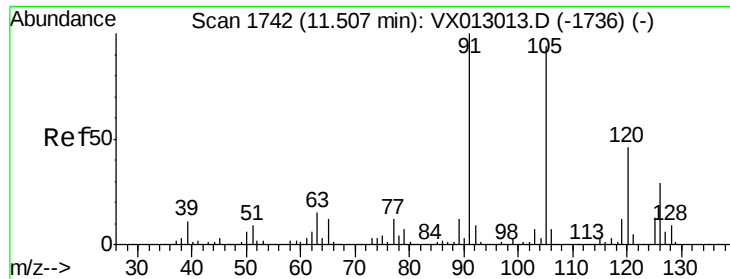
MMDadoda
 10/18/2019 10:05:11 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.166 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Tgt Ion: 75 Resp: 41240
 Ion Ratio Lower Upper
 75 100
 53 100.6 78.5 117.7
 89 46.5 37.4 56.2





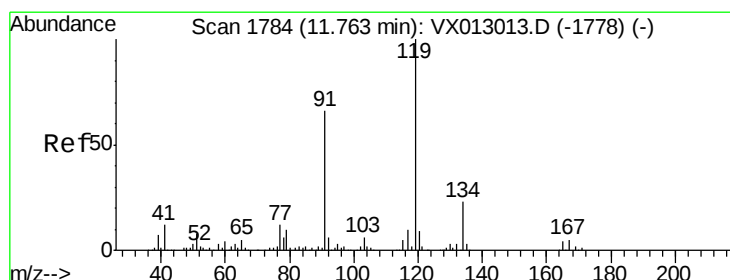
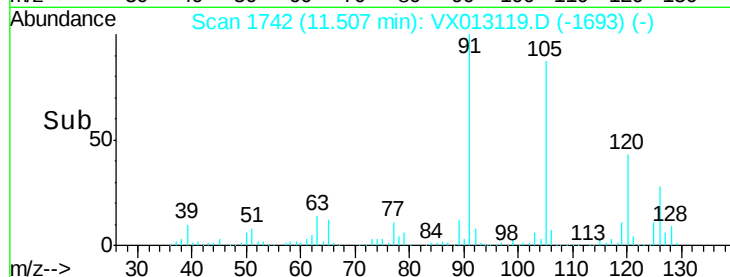
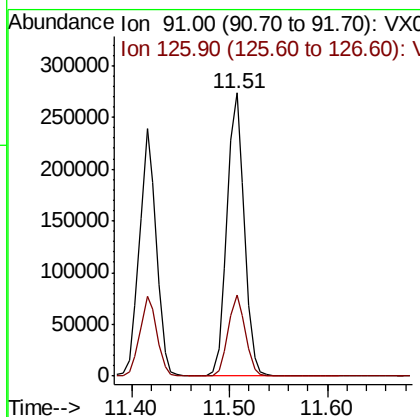
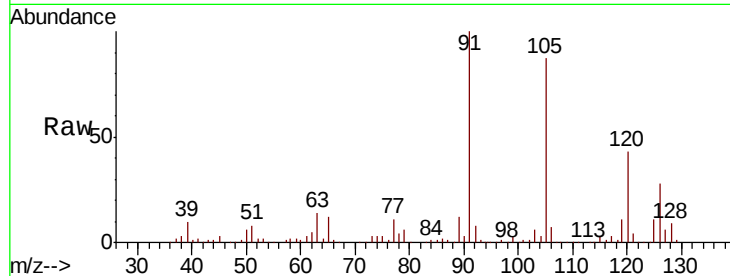
#82
4-Chlorotoluene
Concen: 54.010 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

Tot Ion: 91 Resp: 336398
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6

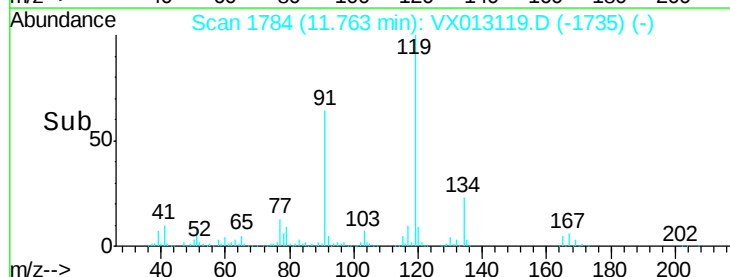
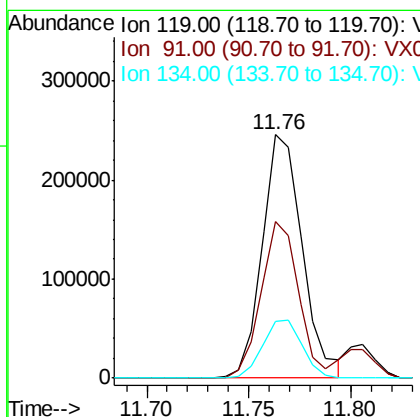
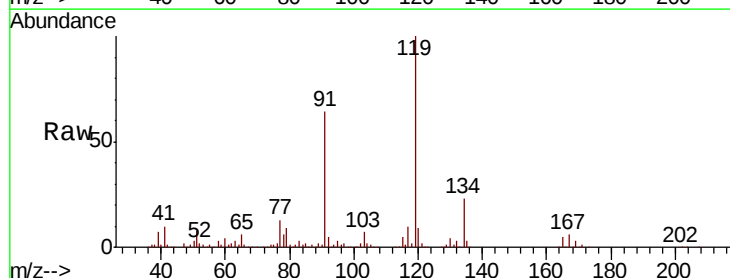
Manual Integrations
APPROVED

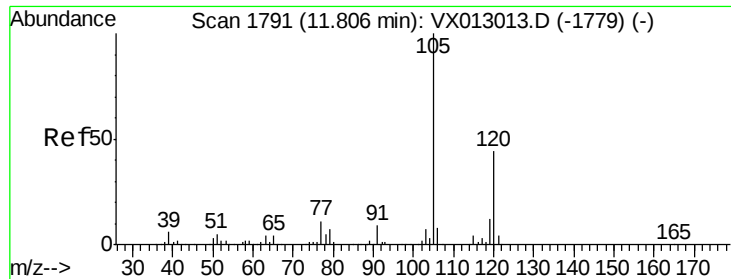
MMDadoda
10/18/2019 10:05:11 AM



#83
tert-Butylbenzene
Concen: 52.644 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion: 119 Resp: 336945
Ion Ratio Lower Upper
119 100
91 60.0 29.3 87.9
134 23.5 11.5 34.4





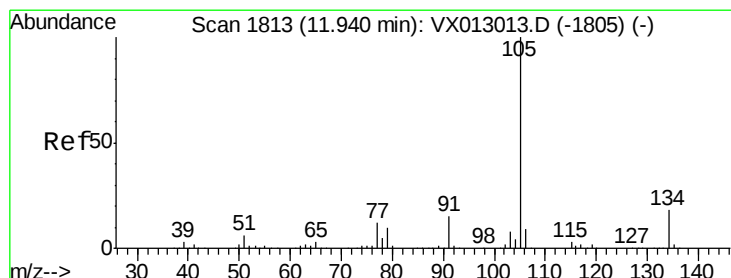
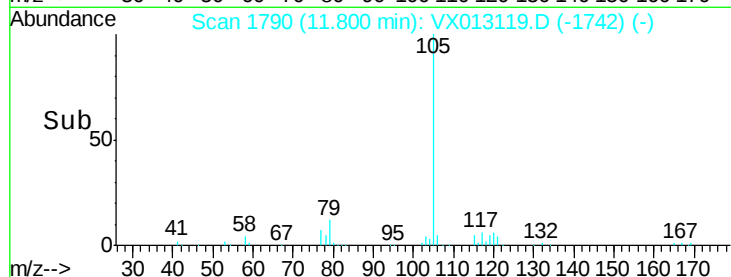
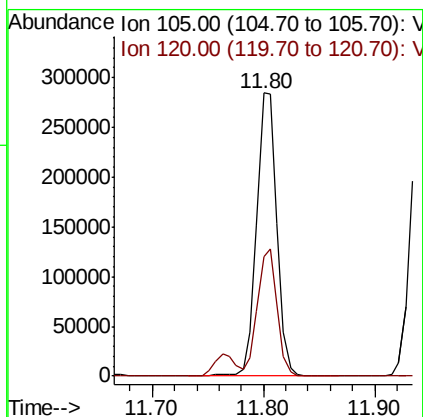
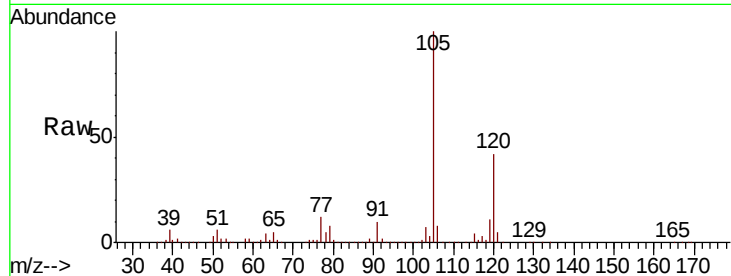
#84
 1,2,4-Trimethylbenzene
 Concen: 54.315 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

Tot Ion:105 Resp: 360930
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.8 65.3

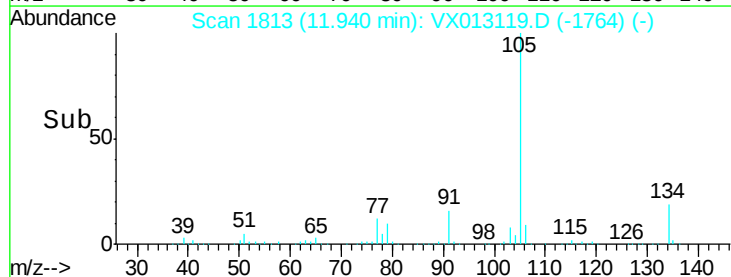
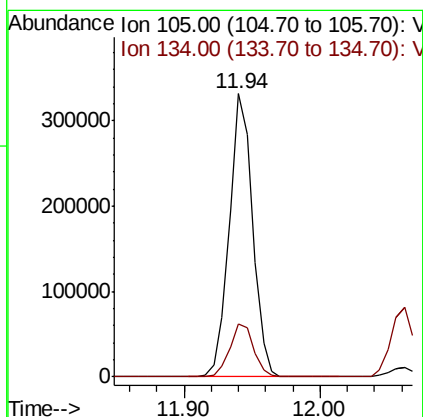
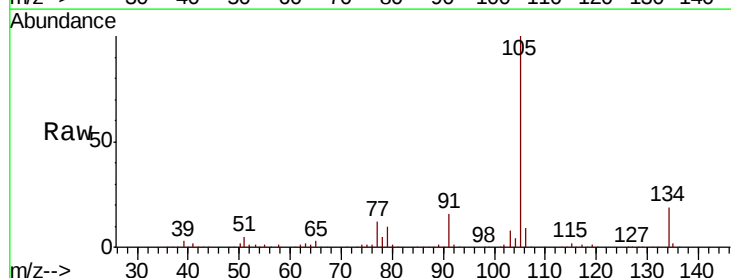
Manual Integrations
 APPROVED

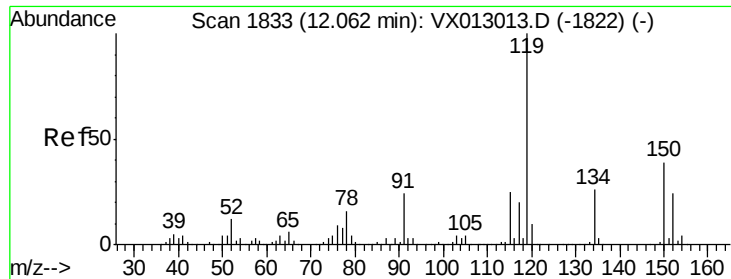
MMDadoda
 10/18/2019 10:05:11 AM



#85
 sec-Butylbenzene
 Concen: 53.188 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Tgt Ion:105 Resp: 394401
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.0 30.0





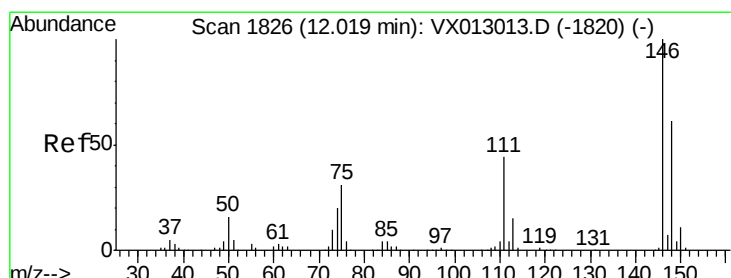
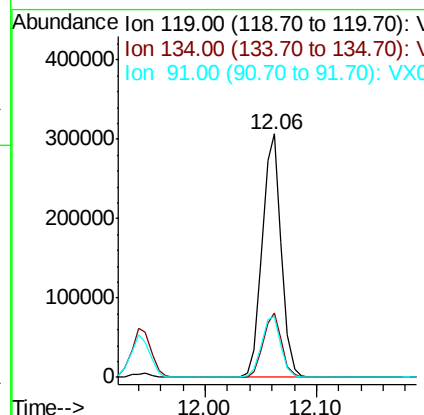
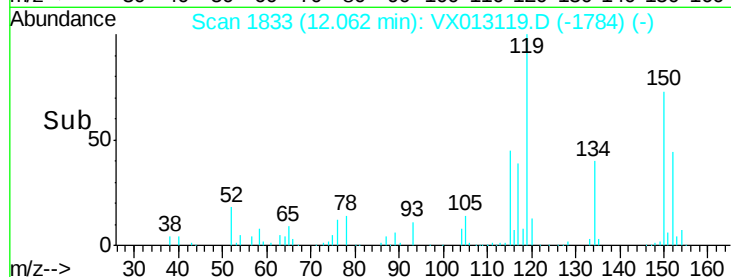
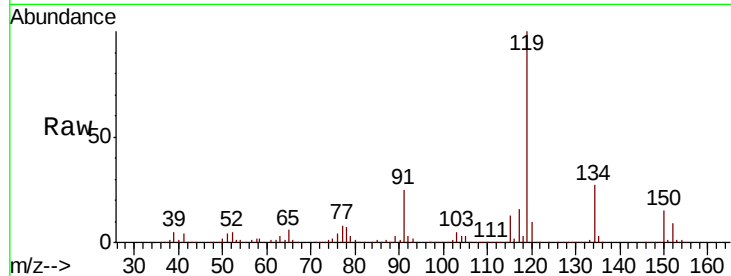
#86
 p-Isopropyltoluene
 Concen: 52.970 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.6	37.8
91	25.3	12.4	37.4

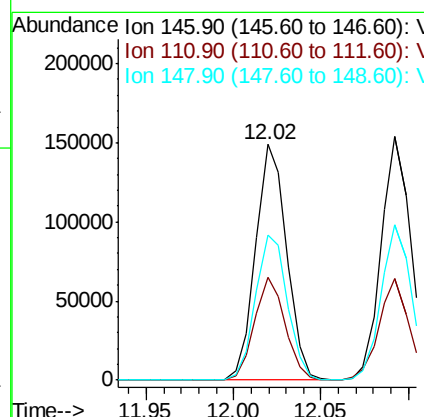
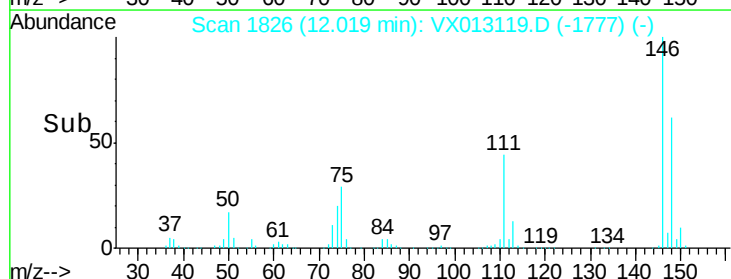
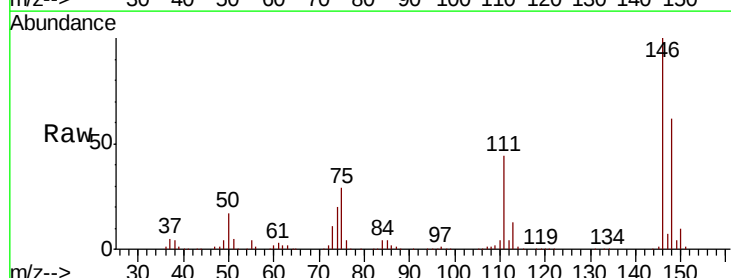
Manual Integrations
 APPROVED

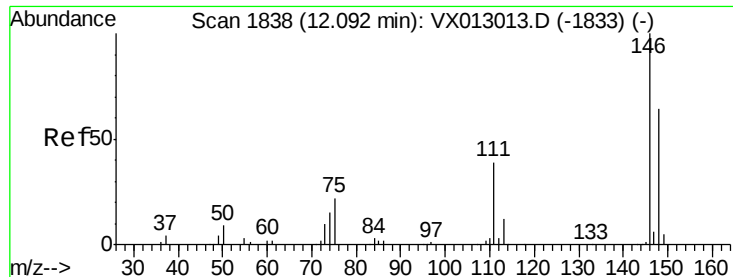
MMDadoda
 10/18/2019 10:05:11 AM



#87
 1,3-Dichlorobenzene
 Concen: 53.617 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.1	63.4
148	63.1	31.6	95.0





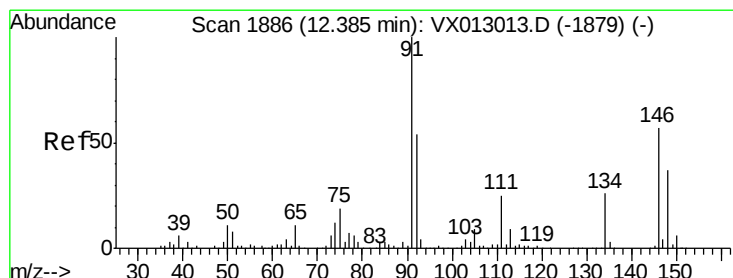
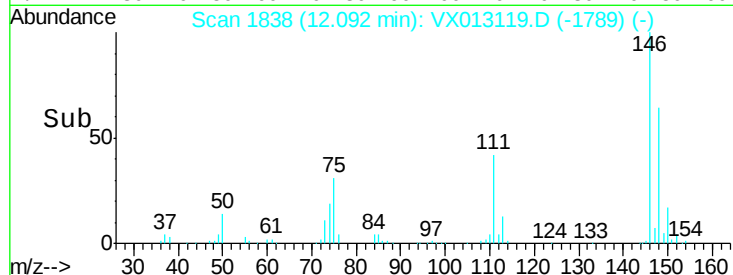
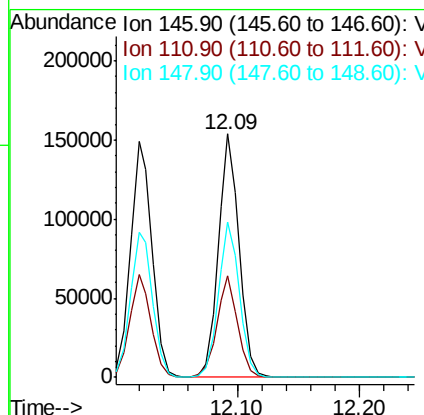
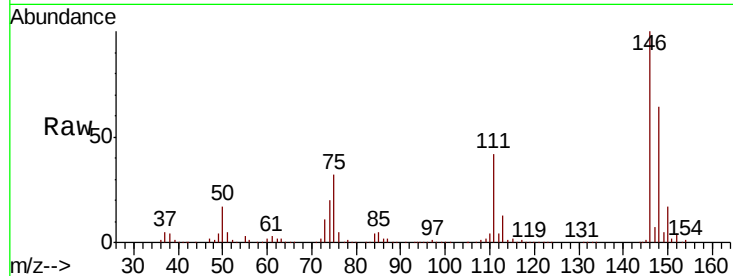
#88
 1,4-Dichlorobenzene
 Concen: 52.349 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.4	64.3
148	64.6	32.1	96.5

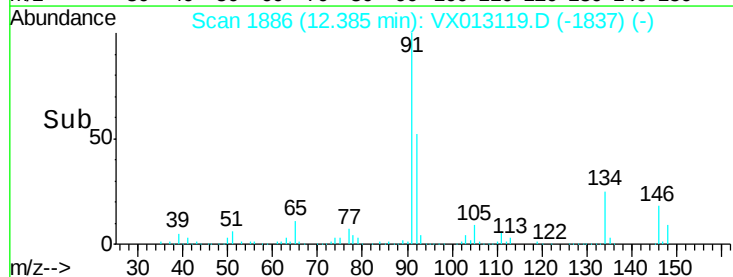
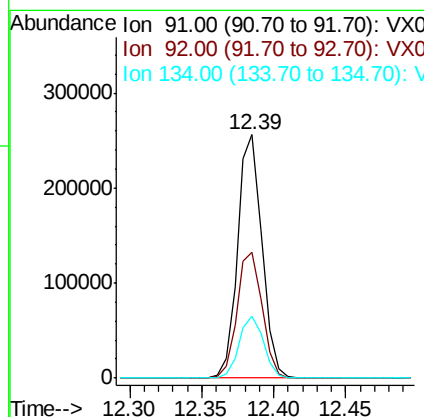
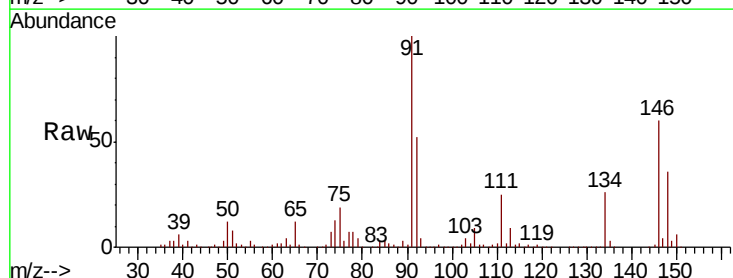
Manual Integrations
 APPROVED

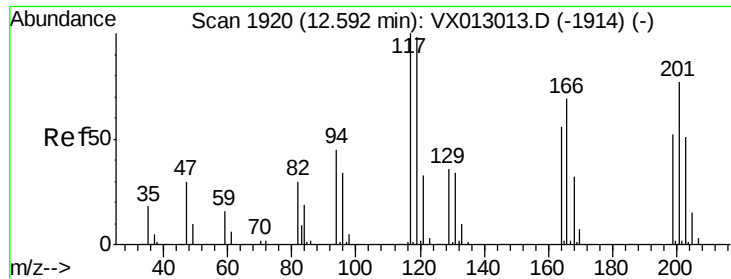
MMDadoda
 10/18/2019 10:05:11 AM



#89
 n-Butylbenzene
 Concen: 52.264 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.5	82.5
134	25.5	12.9	38.7





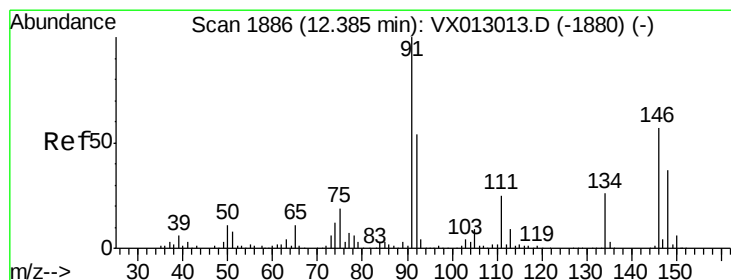
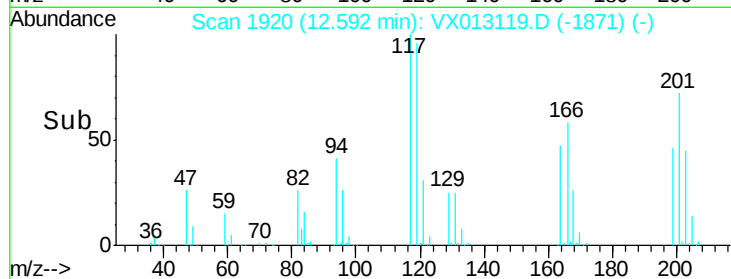
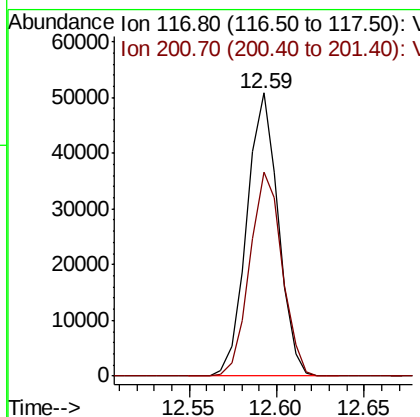
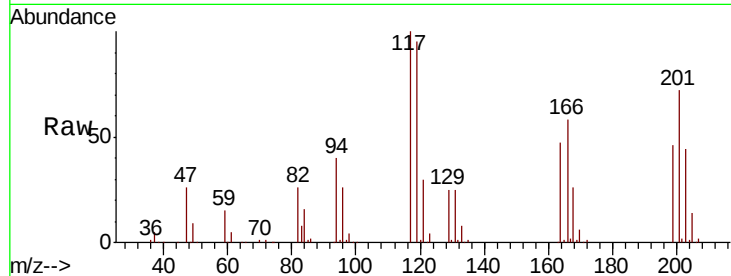
#90
Hexachloroethane
Concen: 49.846 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW0301CMS

Tot Ion:117 Resp: 63482
Ion Ratio Lower Upper
117 100
201 74.2 36.9 110.7

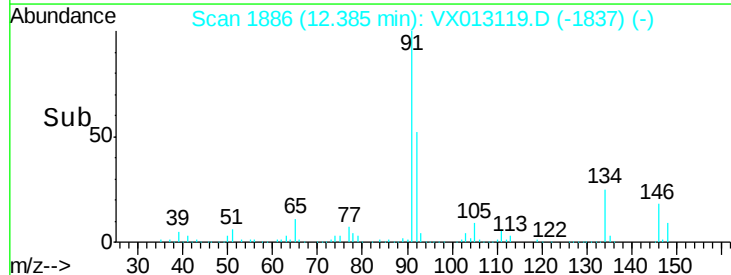
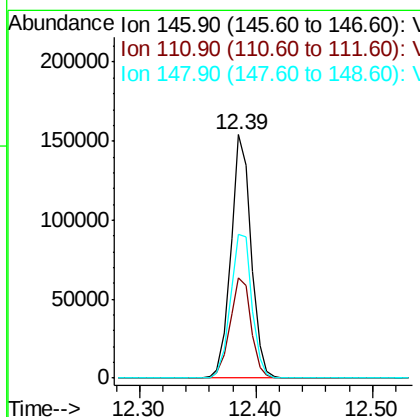
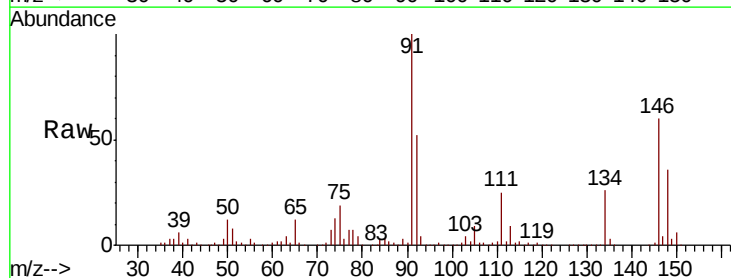
Manual Integrations
APPROVED

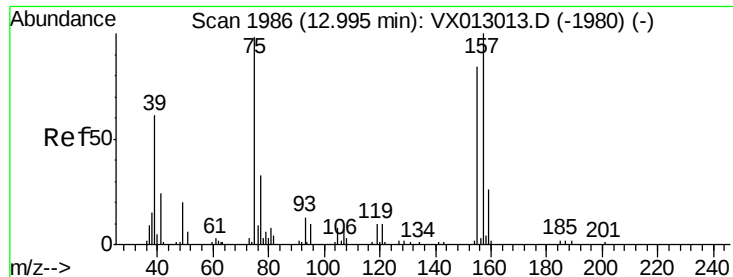
MMDadoda
10/18/2019 10:05:11 AM



#91
1,2-Dichlorobenzene
Concen: 54.912 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013119.D
Acq: 17 Oct 2019 19:51

Tgt Ion:146 Resp: 185109
Ion Ratio Lower Upper
146 100
111 43.0 22.7 68.0
148 63.0 31.6 94.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 54.257 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW0301CMS

Tot Ion: 75 Resp: 33236

Ion Ratio Lower Upper

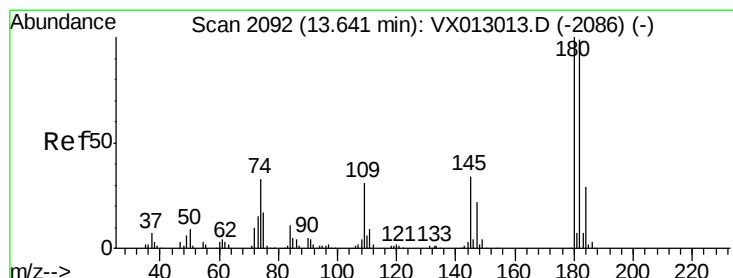
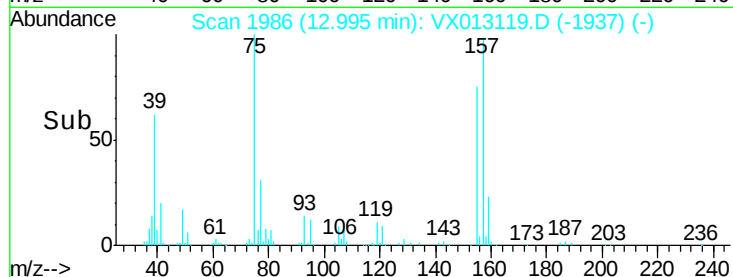
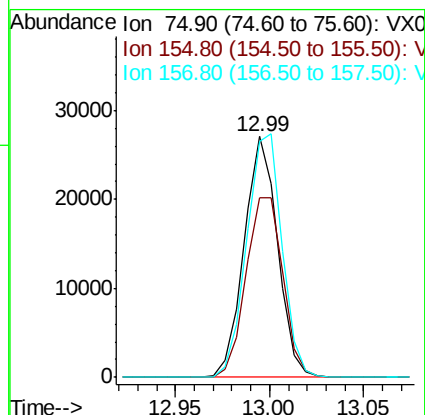
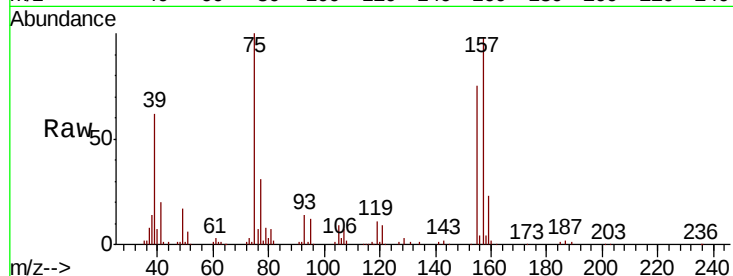
75 100

155 82.7 43.0 128.8

157 106.8 54.1 162.3

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:11 AM



#93

1,2,4-Trichlorobenzene

Concen: 51.902 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

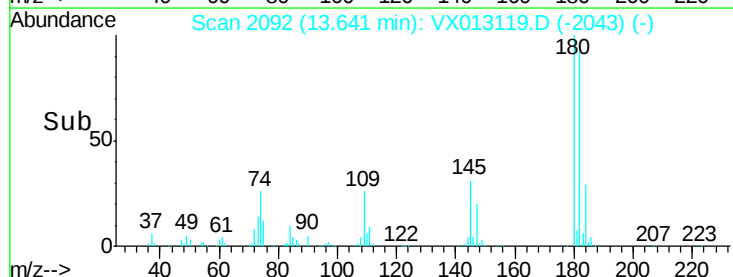
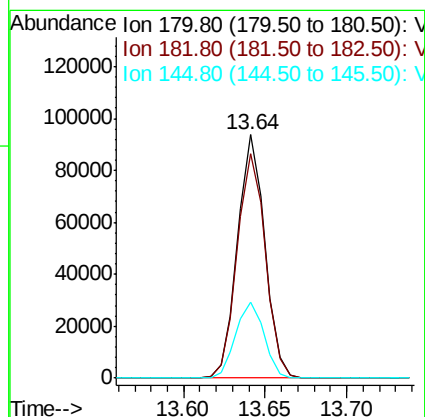
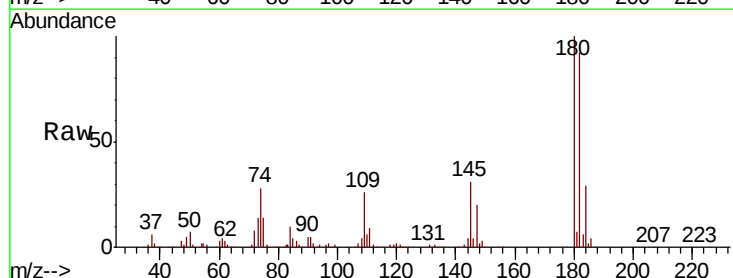
Tgt Ion: 180 Resp: 109602

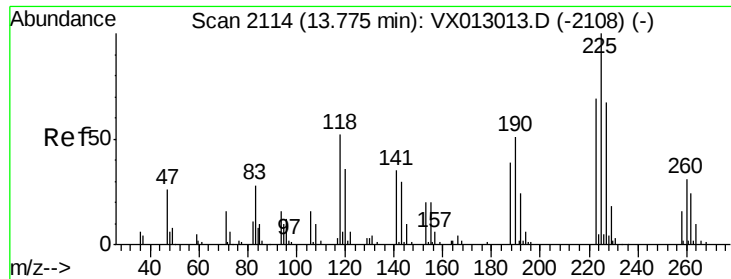
Ion Ratio Lower Upper

180 100

182 95.2 46.8 140.4

145 32.6 16.2 48.6





#94

Hexachlorobutadiene

Concen: 50.785 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Instrument :

MSVOA_X

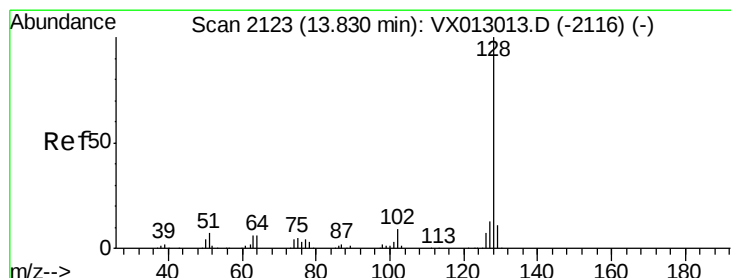
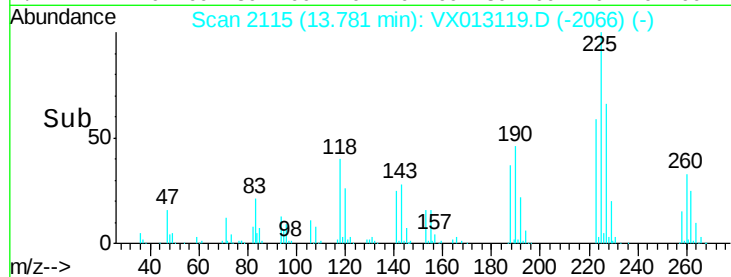
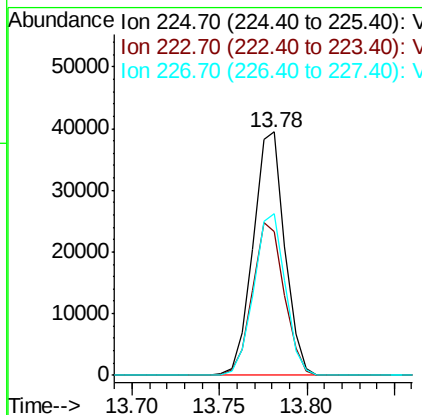
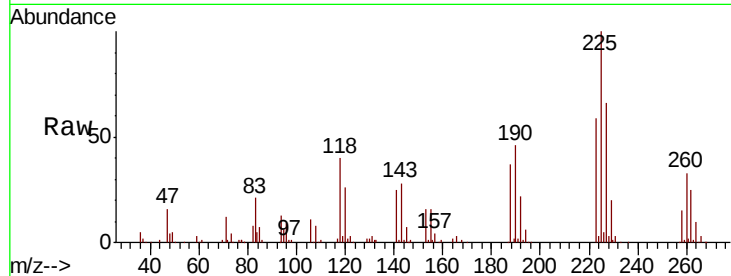
ClientSampleId :

FA19-JMW0301CMS

Tot Ion:	225	Resp:	49493
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.1	93.2
227	65.9	32.3	96.9

Manual Integrations
APPROVED

MMDadoda
10/18/2019 10:05:11 AM



#95

Naphthalene

Concen: 49.558 ug/l

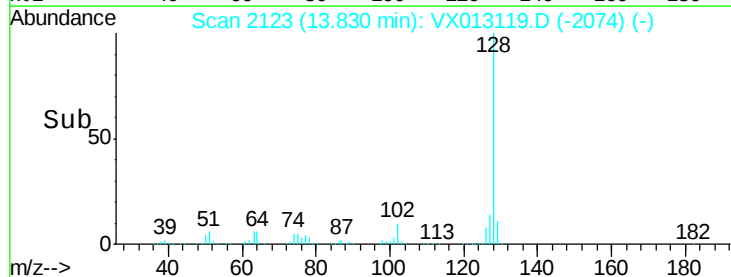
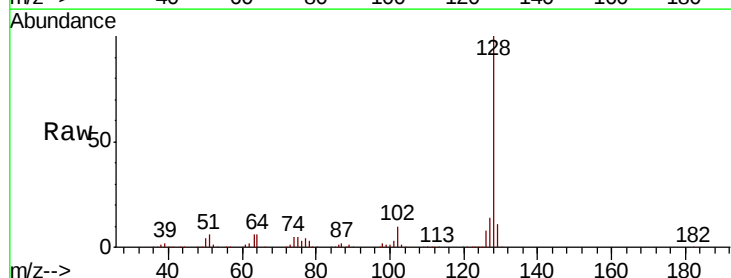
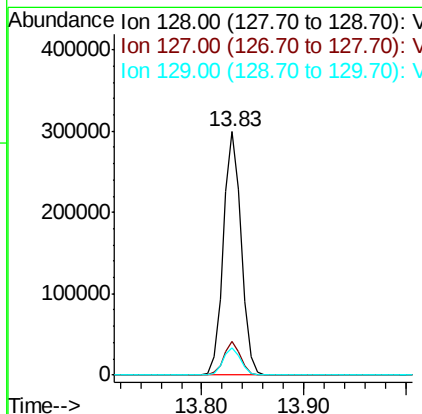
RT: 13.83 min Scan# 2123

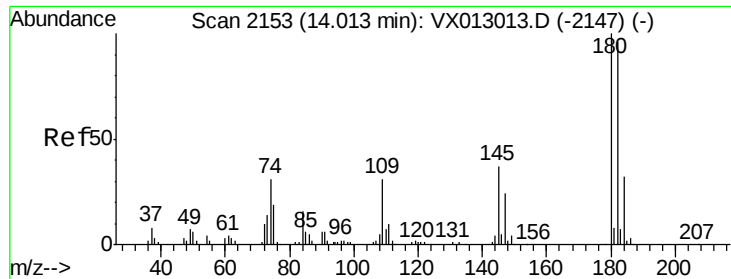
Delta R.T. -0.00 min

Lab File: VX013119.D

Acq: 17 Oct 2019 19:51

Tgt Ion:	128	Resp:	362776
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	11.1	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 49.699 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX013119.D
 Acq: 17 Oct 2019 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW0301CMS

Tot Ion:	180	Resp:	108453
Ion Ratio	Lower	Upper	
180	100		
182	96.7	47.5	142.5
145	35.7	17.4	52.3

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 10:05:11 AM

