

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091719\
 Data File : VX012434.D
 Acq On : 17 Sep 2019 15:22
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091719

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 11:23:38 AM

Quant Time: Sep 18 03:36:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 14:19:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	185812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	300817	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	135127	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	120117	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	
35) Dibromofluoromethane	5.48	113	87842	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	8.71	98	328645	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.13	95	135960	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	57759	46.618	ug/l	99
3) Chloromethane	1.31	50	48076	47.062	ug/l	100
4) Vinyl Chloride	1.40	62	51742	46.863	ug/l	99
5) Bromomethane	1.62	94	20900	48.182	ug/l	100
6) Chloroethane	1.71	64	35505	39.031	ug/l	97
7) Trichlorofluoromethane	1.92	101	97518	48.181	ug/l	100
8) Diethyl Ether	2.18	74	41143	45.005	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	69923	47.748	ug/l	99
10) Methyl Iodide	2.50	142	52956	42.838	ug/l	99
11) Tert butyl alcohol	3.03	59	136391	200.806	ug/l	100
12) 1,1-Dichloroethene	2.36	96	55254	47.298	ug/l	96
13) Acrolein	2.28	56	46921	200.318	ug/l	98
14) Allyl chloride	2.72	41	126997	46.694	ug/l	99
15) Acrylonitrile	3.13	53	251567	217.995	ug/l	100
16) Acetone	2.43	43	285287	233.943	ug/l	99
17) Carbon Disulfide	2.56	76	75809	46.034	ug/l	99
18) Methyl Acetate	2.76	43	121424	43.756	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	292426	45.910	ug/l	98
20) Methylene Chloride	2.84	84	70997	44.052	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	57971	47.787	ug/l	92
22) Diisopropyl ether	3.84	45	288253	45.265	ug/l	94
23) Vinyl Acetate	3.80	43	1239215	236.561	ug/l	100
24) 1,1-Dichloroethane	3.68	63	141903	46.573	ug/l	97
25) 2-Butanone	4.65	43	396346	214.558	ug/l	100
26) 2,2-Dichloropropane	4.57	77	140154	46.772	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	83686	46.180	ug/l	99
28) Bromochloromethane	5.00	49	70565	44.923	ug/l	100
29) Tetrahydrofuran	5.11	42	227403	222.835	ug/l	100
30) Chloroform	5.20	83	156062	44.599	ug/l	98
31) Cyclohexane	5.56	56	88493	48.113	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	135443	46.311	ug/l	99
36) 1,1-Dichloropropene	5.78	75	87960	48.112	ug/l	97
37) Ethyl Acetate	4.82	43	137558	49.017	ug/l	100
38) Carbon Tetrachloride	5.77	117	110659	48.667	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	94749	53.311	ug/l	98
40) Benzene	6.13	78	284053	48.860	ug/l	99
41) Methacrylonitrile	5.02	41	82256	45.521	ug/l	98
42) 1,2-Dichloroethane	6.18	62	126479	46.906	ug/l	99
43) Isopropyl Acetate	6.43	43	236286	46.912	ug/l	100
44) Trichloroethene	7.20	130	76405	49.961	ug/l	94
45) 1,2-Dichloropropane	7.50	63	84789	47.471	ug/l	99
46) Dibromomethane	7.65	93	54642	47.275	ug/l	100
47) Bromodichloromethane	7.89	83	127535	49.556	ug/l	97
48) Methyl methacrylate	7.76	41	109997	46.328	ug/l	98
49) 1,4-Dioxane	7.73	88	49496	856.532	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	754309	228.363	ug/l	99
52) Toluene	8.78	92	186133	49.686	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	135792	50.759	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	140019	50.556	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	91493	47.406	ug/l	97
56) Ethyl methacrylate	9.17	69	146734	48.627	ug/l	99
57) 1,3-Dichloropropane	9.37	76	147766	47.986	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	381895	244.491	ug/l	99
59) 2-Hexanone	9.48	43	590760	229.246	ug/l	98
60) Dibromochloromethane	9.57	129	99917	50.825	ug/l	99
61) 1,2-Dibromoethane	9.67	107	87217	49.480	ug/l	98
64) Tetrachloroethene	9.33	164	60423	48.565	ug/l	96
65) Chlorobenzene	10.14	112	217977	48.642	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	93800	50.435	ug/l	99
67) Ethyl Benzene	10.25	91	380920	49.476	ug/l	97
68) m/p-Xylenes	10.35	106	279320	99.711	ug/l	100
69) o-Xylene	10.70	106	143835	49.927	ug/l	99
70) Styrene	10.71	104	256143	50.252	ug/l	99
71) Bromoform	10.85	173	68543	43.217	ug/l #	98
73) Isopropylbenzene	11.01	105	405073	47.777	ug/l	99
74) N-amyl acetate	10.89	43	216253	47.376	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	151326	45.500	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	146879m	47.320	ug/l	
77) Bromobenzene	11.25	156	98481	47.628	ug/l	99
78) n-propylbenzene	11.35	91	471397	49.886	ug/l	100
79) 2-Chlorotoluene	11.42	91	290528	47.260	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	356094	49.247	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50145	44.701	ug/l	98
82) 4-Chlorotoluene	11.51	91	344773	48.866	ug/l	100
83) tert-Butylbenzene	11.77	119	375659	48.484	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	366358	49.346	ug/l	100
85) sec-Butylbenzene	11.94	105	430396	50.411	ug/l	100
86) p-Isopropyltoluene	12.06	119	394679	50.343	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	190493	48.975	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	191108	47.832	ug/l	100
89) n-Butylbenzene	12.38	91	354277	50.647	ug/l	99
90) Hexachloroethane	12.59	117	73008	50.788	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	193870	47.689	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	41099	47.665	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	135884	51.893	ug/l	100
94) Hexachlorobutadiene	13.78	225	62266	50.452	ug/l	99
95) Naphthalene	13.83	128	471627	50.618	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	137472	51.519	ug/l	100

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

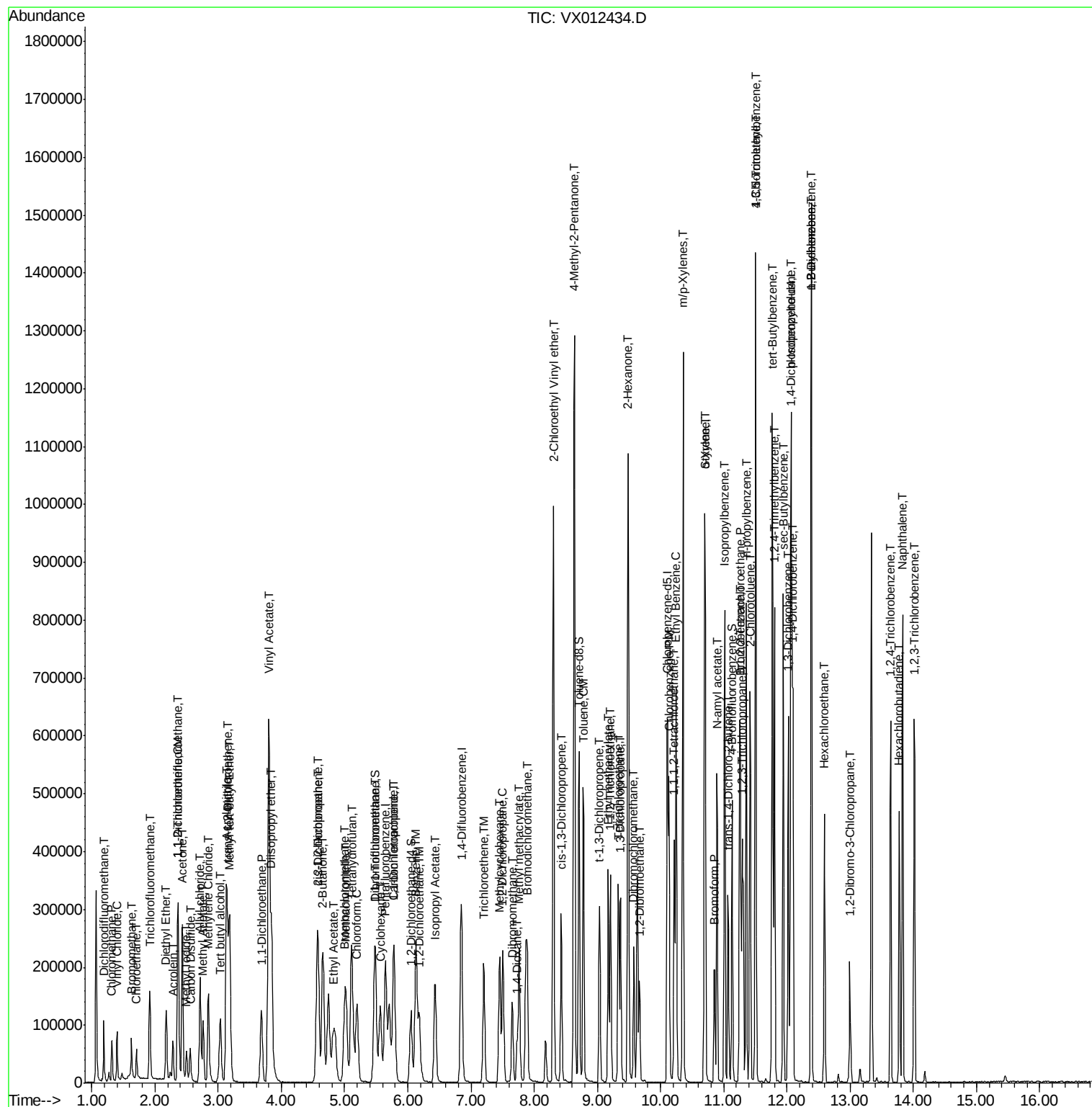
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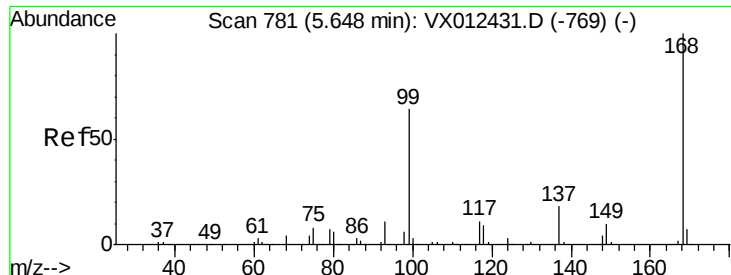
Instrument :
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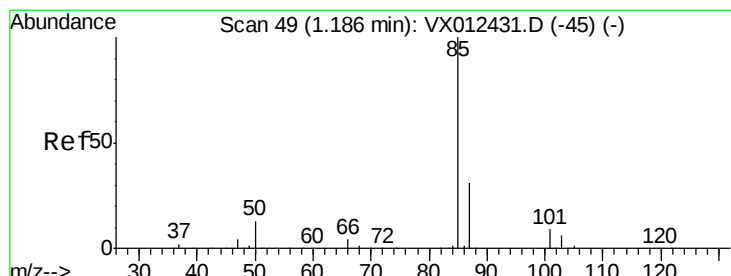
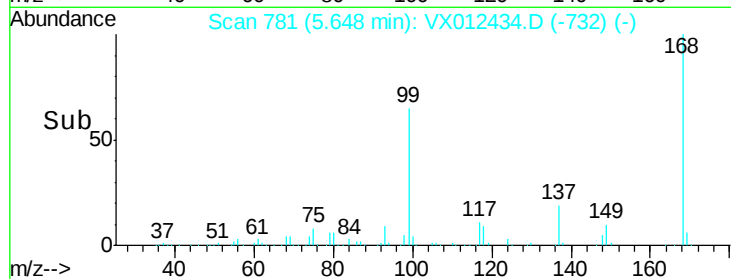
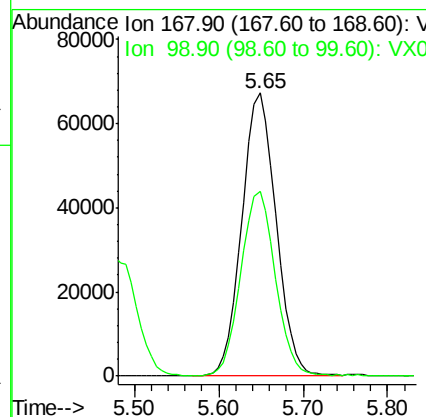
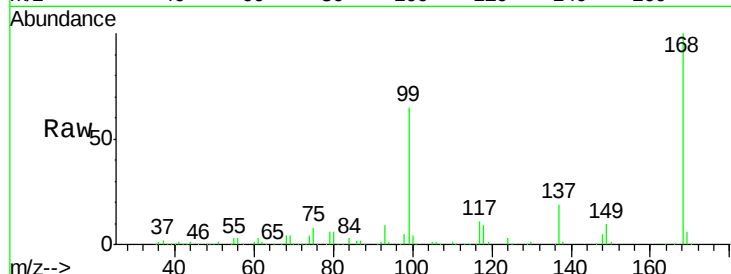
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Instrument :
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ClientSampleId :
ICVVX091719

Tot Ion	Ratio	Resp	Lower	Upper
168	100	185812		
99	65.0	51.4	77.2	

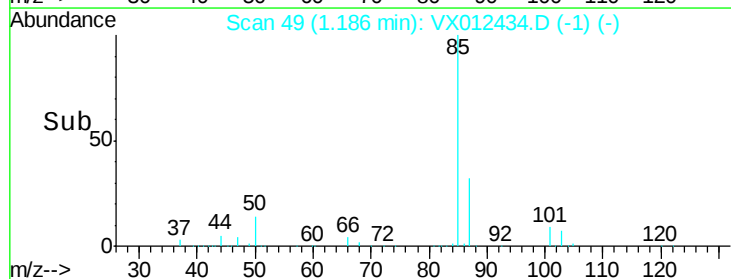
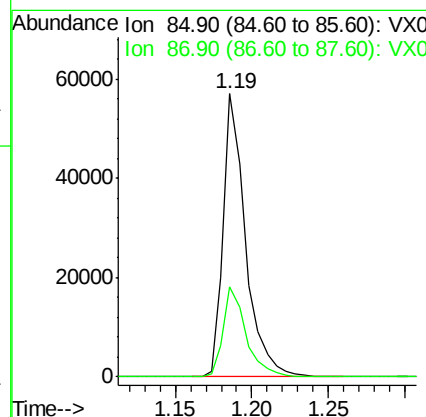
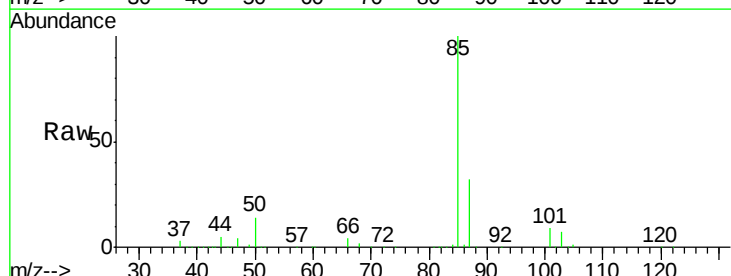
Manual Integrations
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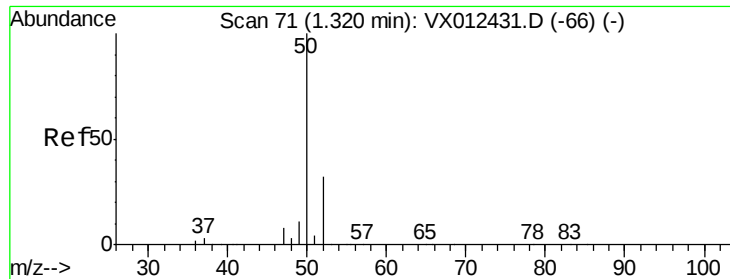
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#2
Dichlorodifluoromethane
Concen: 46.618 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	57759		
87	31.8	15.6	46.8	





#3

Chloromethane

Concen: 47.062 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091719

Tot Ion: 50 Resp: 48076

Ion Ratio Lower Upper

50 100

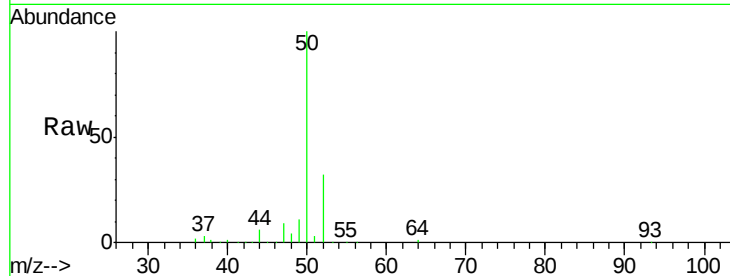
52 31.8 25.7 38.5

Manual Integrations

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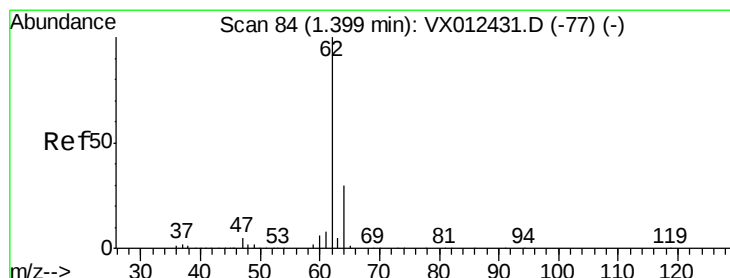
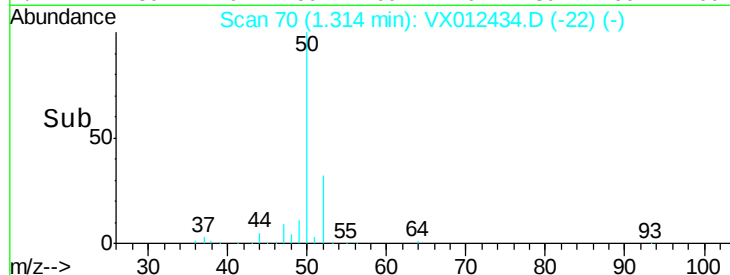
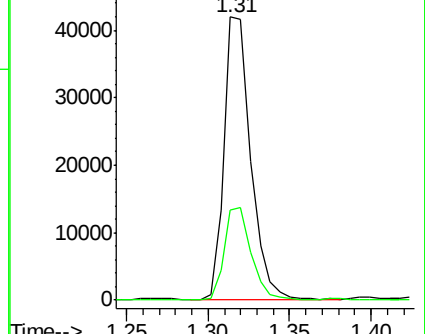
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.863 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012434.D

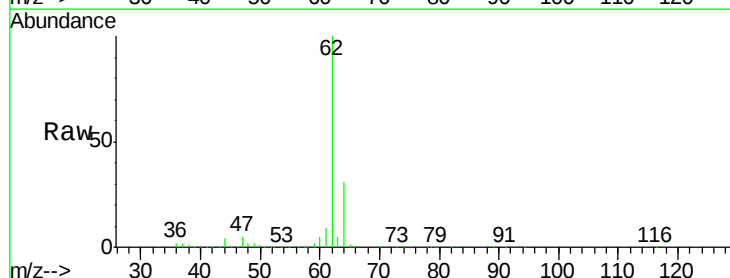
Acq: 17 Sep 2019 15:22

Tgt Ion: 62 Resp: 51742

Ion Ratio Lower Upper

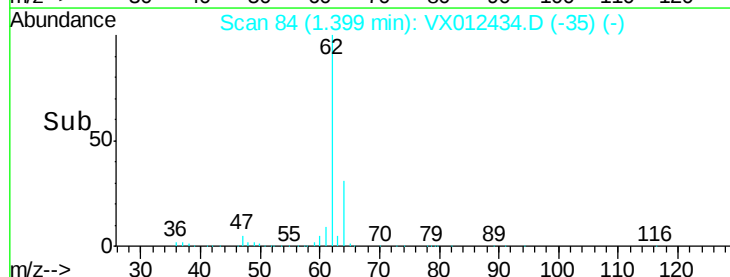
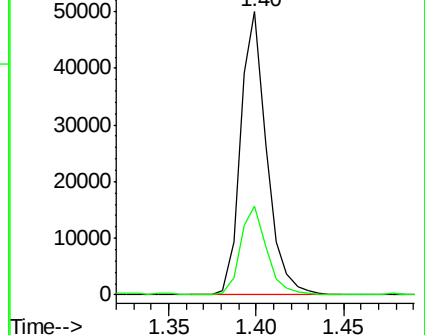
62 100

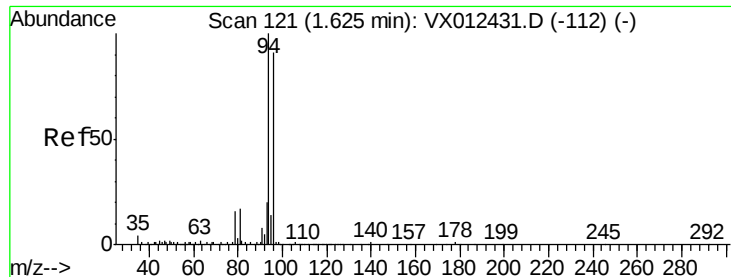
64 30.9 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.182 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Instrument :

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ClientSampleId :

ICVVX091719

Tot Ion: 94 Resp: 20900

Ion Ratio Lower Upper

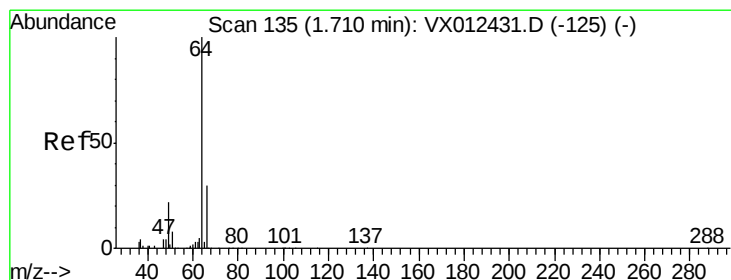
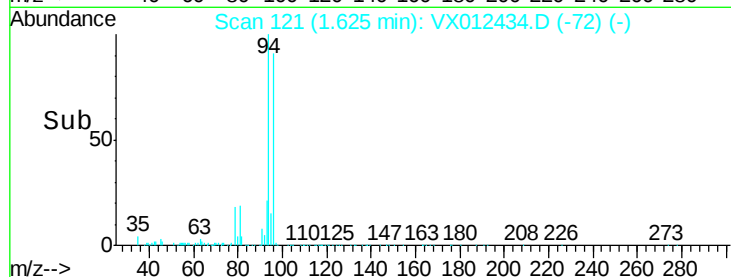
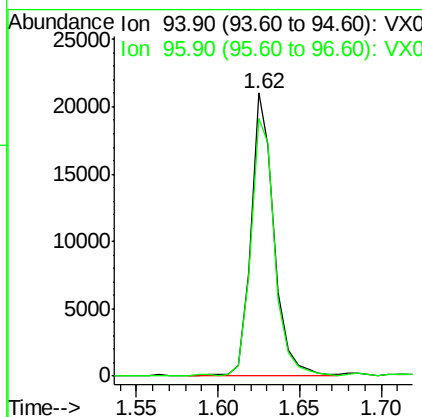
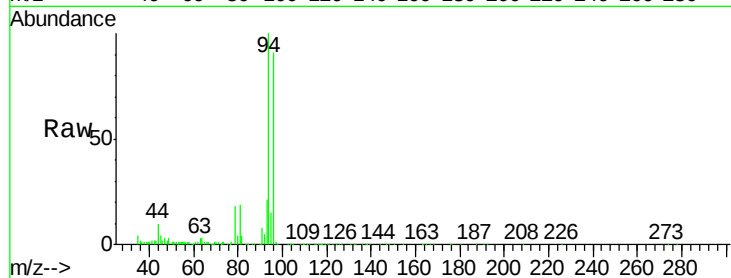
94 100

96 91.1 72.8 109.2

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#6

Chloroethane

Concen: 39.031 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012434.D

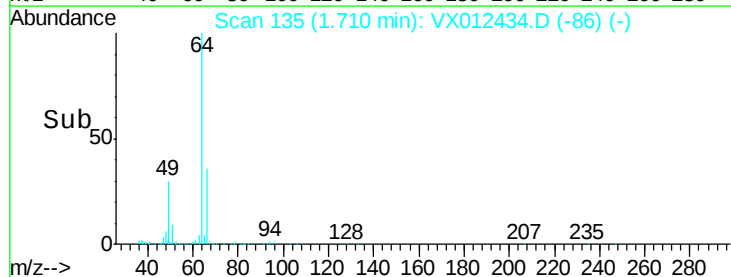
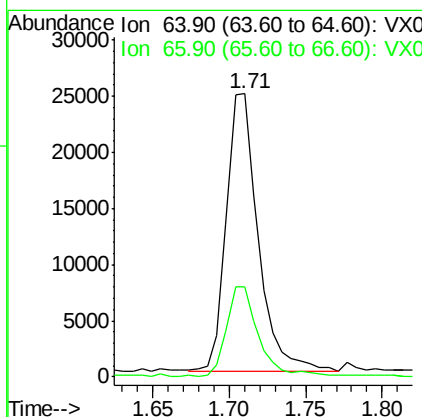
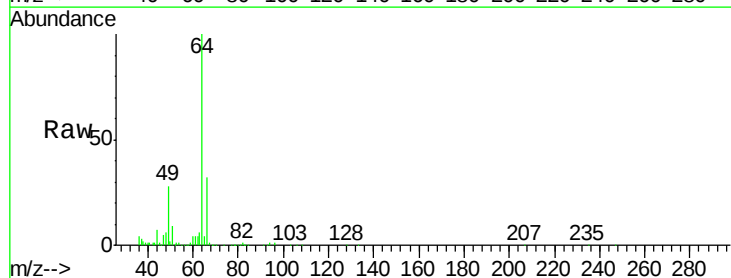
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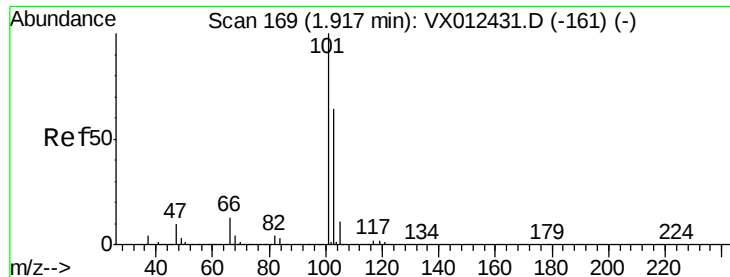
Tgt Ion: 64 Resp: 35505

Ion Ratio Lower Upper

64 100

66 31.9 24.0 36.0





#7

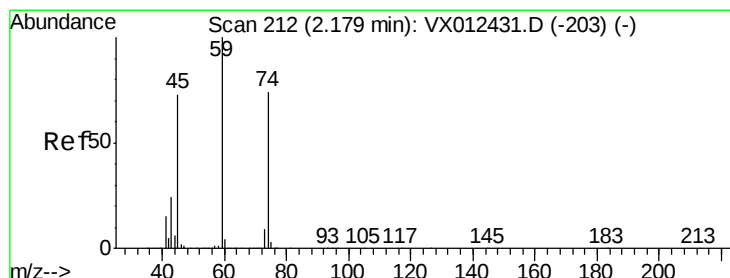
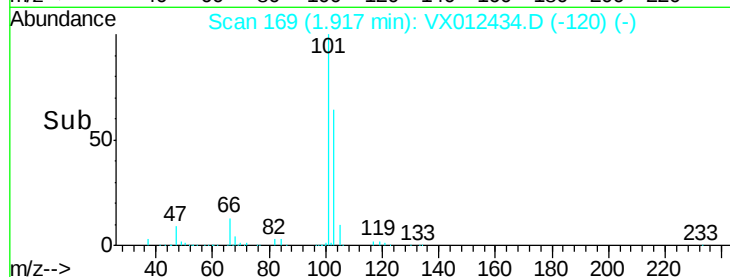
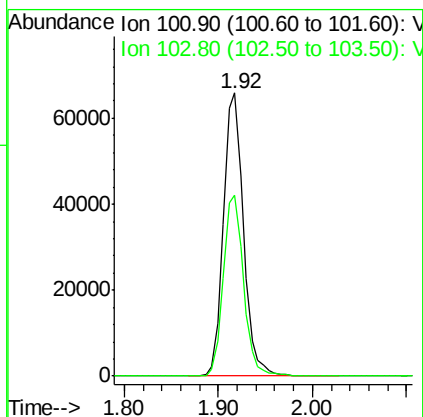
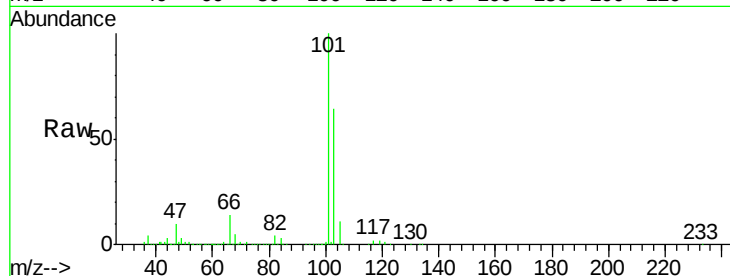
Trichlorofluoromethane
Concen: 48.181 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.0	76.4

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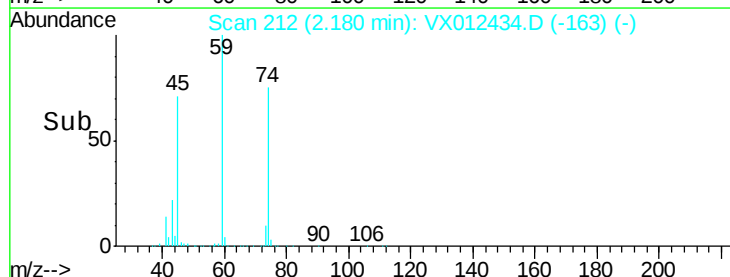
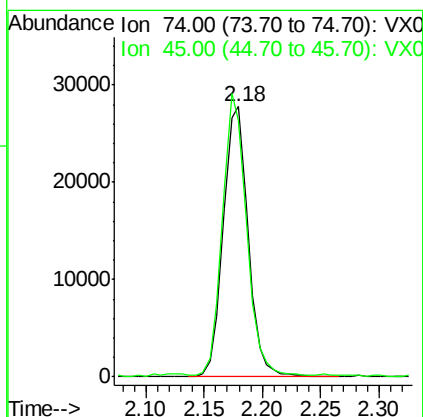
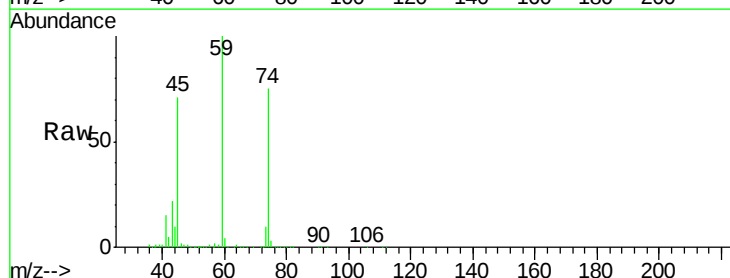
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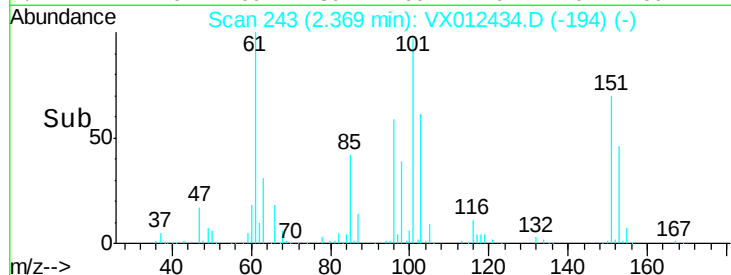
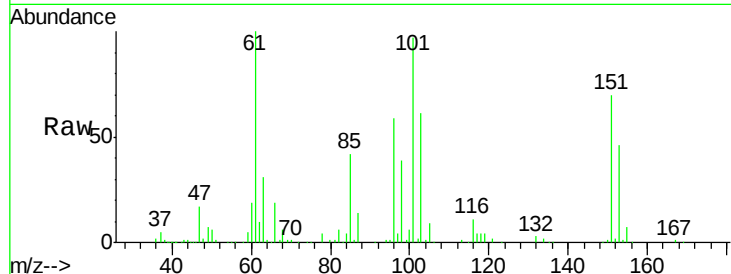
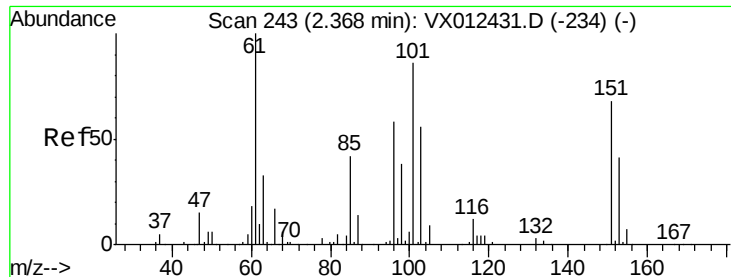


#8

Diethyl Ether
Concen: 45.005 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.8	49.9	149.7





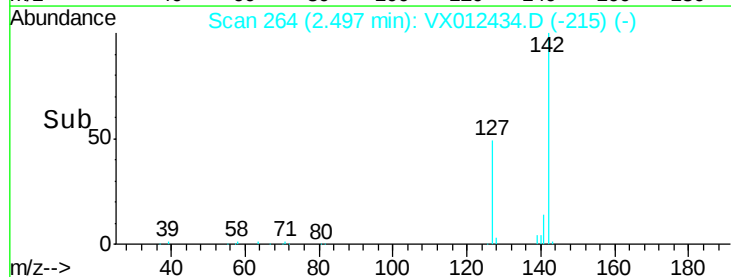
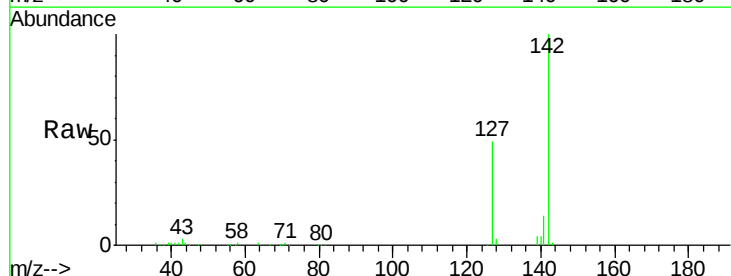
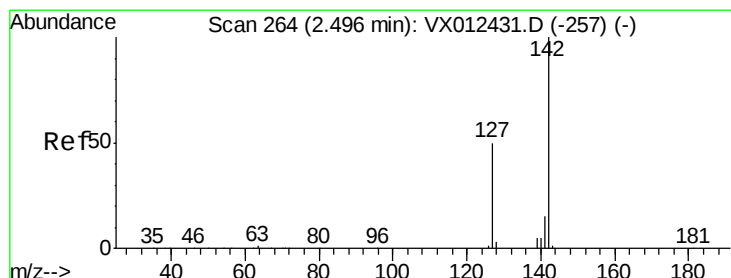
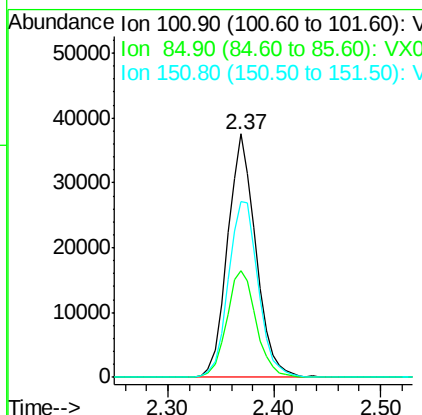
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.748 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091719

Tot Ion	Ratio	Resp	Lower	Upper
101	100	69923		
85	45.3	37.3	55.9	
151	76.4	61.0	91.4	

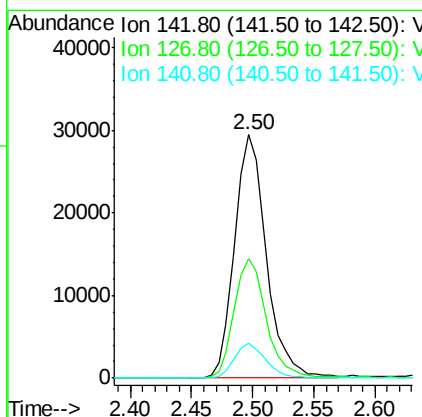
Manual Integrations
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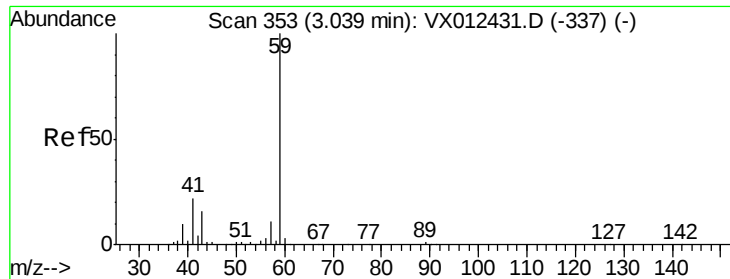
MMDadoda
9/18/2019 11:23:38 AM



#10
Methyl Iodide
Concen: 42.838 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	52956		
127	50.2	40.8	61.2	
141	14.3	12.1	18.1	





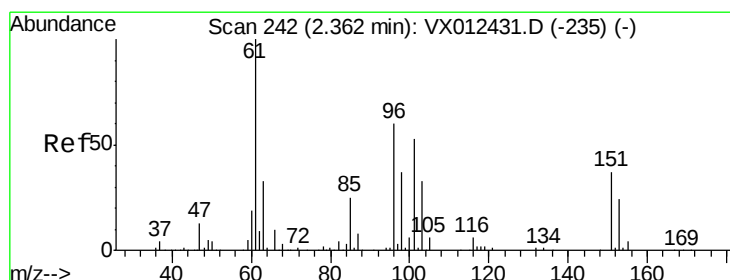
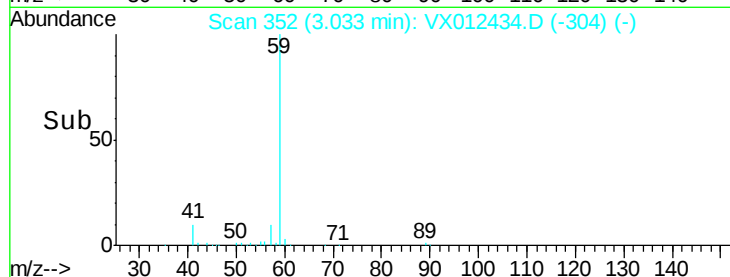
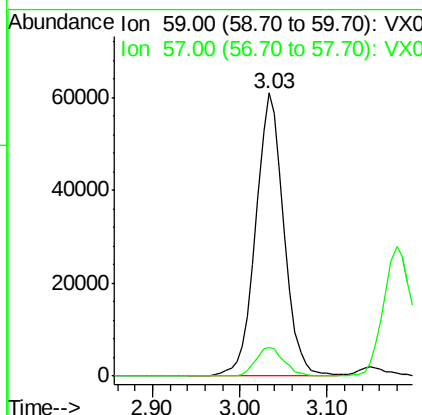
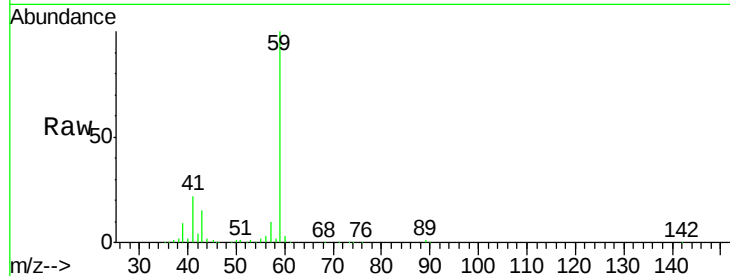
#11
Tert butyl alcohol
Concen: 200.806 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091719

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

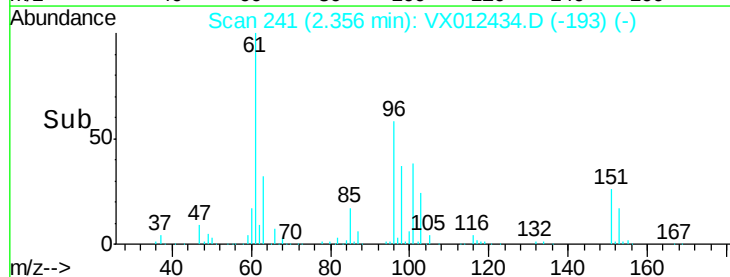
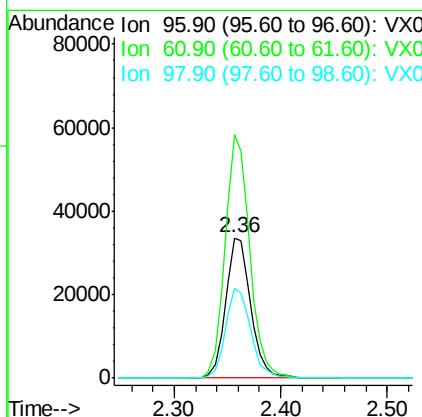
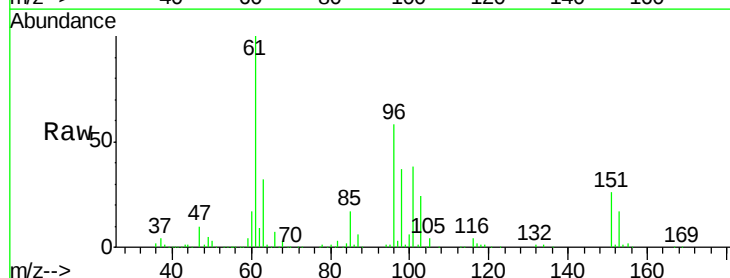
Manual Integrations
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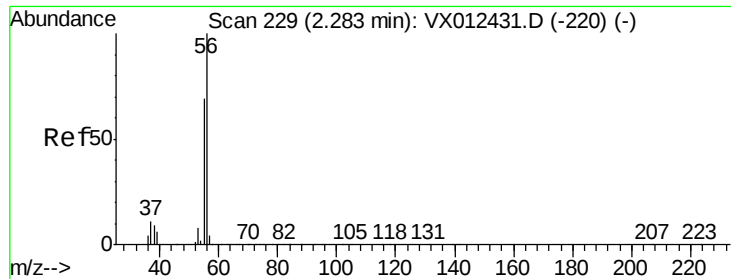
MMDadoda
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#12
1,1-Dichloroethene
Concen: 47.298 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.3	133.8	200.6
98	64.2	49.9	74.9





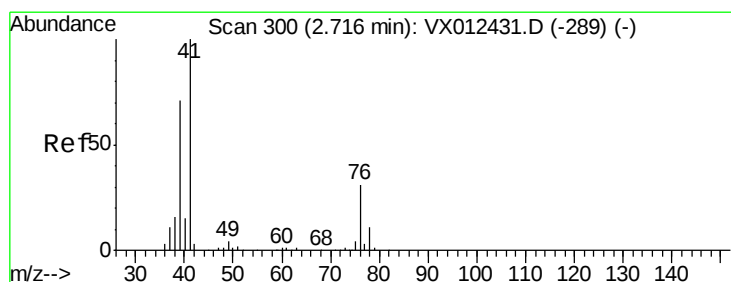
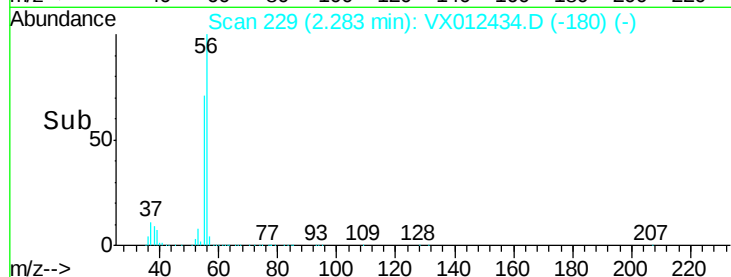
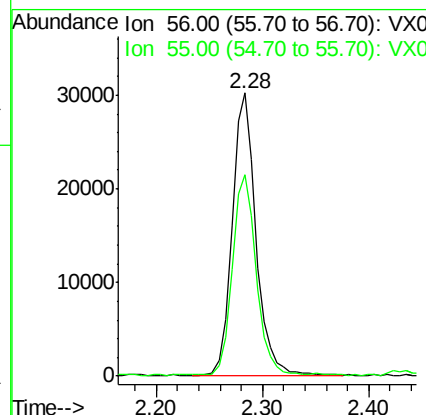
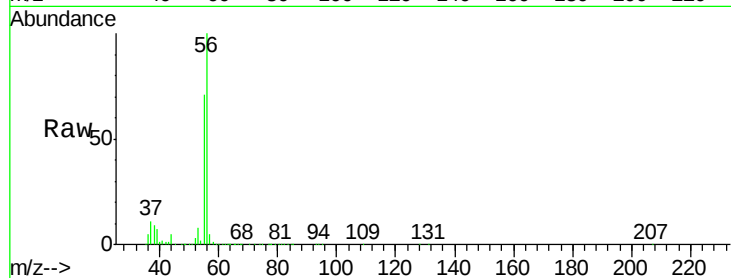
#13
Acrolein
Concen: 200.318 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091719

Tot Ion	56	Resp	46921
Ion Ratio	100	Lower	Upper
55	71.7	55.8	83.8

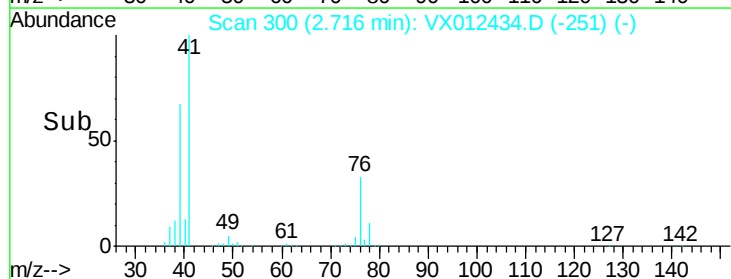
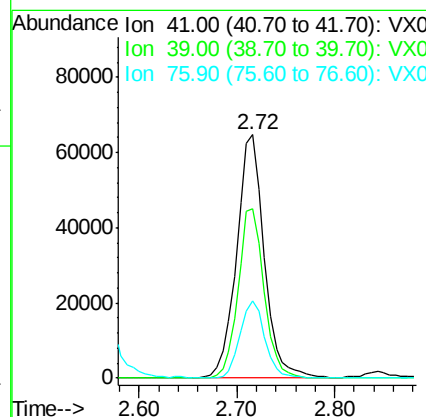
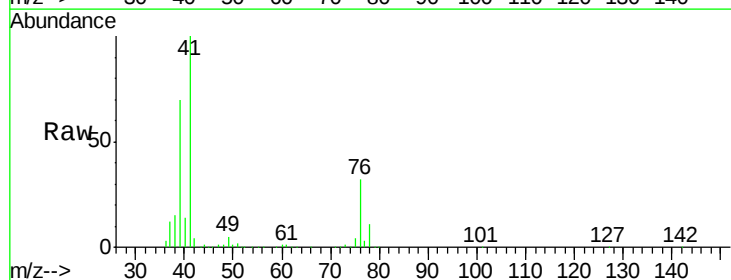
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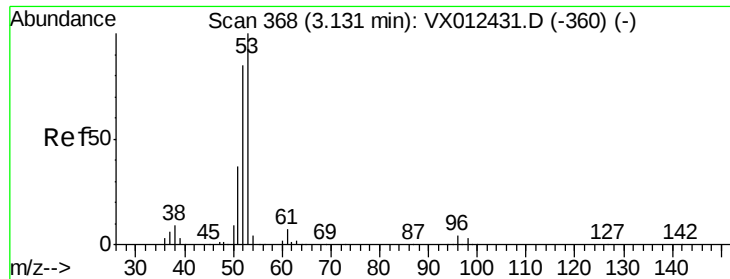
MMDadoda
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#14
Allyl chloride
Concen: 46.694 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Tgt Ion	41	Resp	126997
Ion Ratio	100	Lower	Upper
39	65.3	51.3	76.9
76	28.7	22.6	33.8





#15

Acrylonitrile

Concen: 217.995 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Instrument :

MSVOA_X

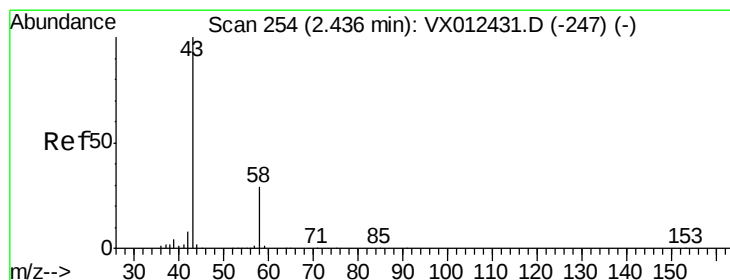
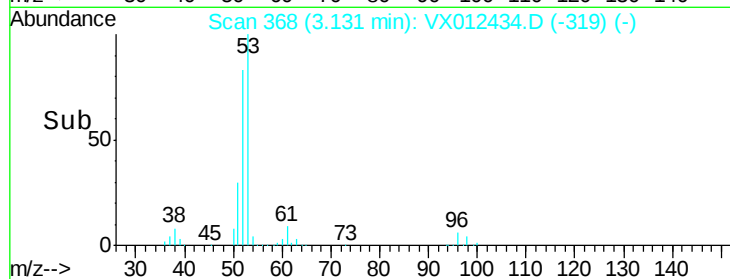
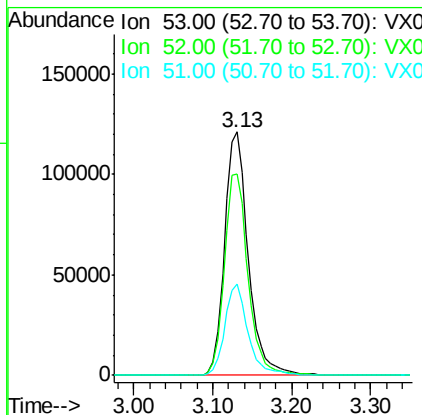
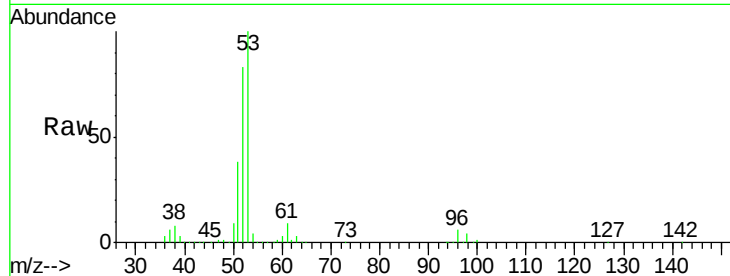
ClientSampleId :

ICVVX091719

Tot Ion:	53	Resp:	251567
Ion Ratio	Lower	Upper	
53	100		
52	83.4	67.0	100.4
51	37.2	29.6	44.4

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#16

Acetone

Concen: 233.943 ug/l

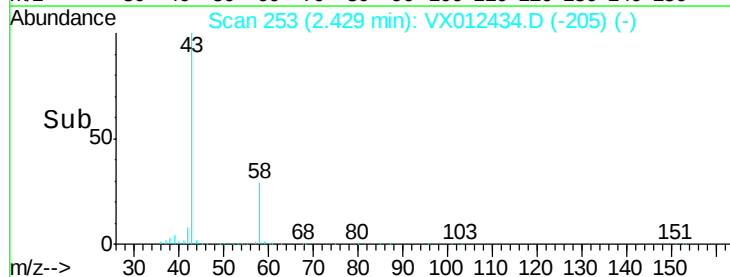
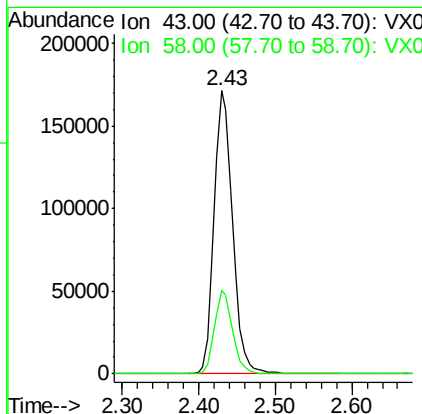
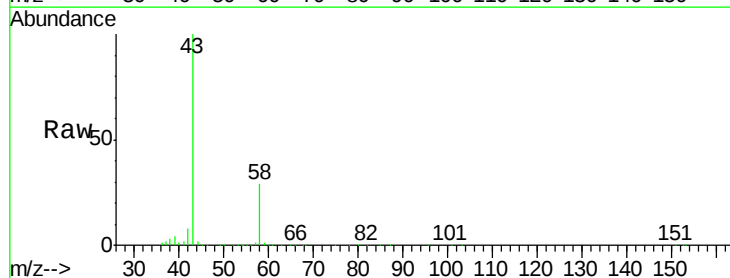
RT: 2.43 min Scan# 253

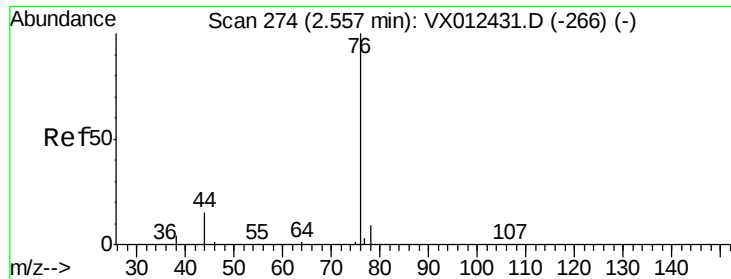
Delta R.T. -0.01 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Tgt Ion:	43	Resp:	285287
Ion Ratio	Lower	Upper	
43	100		
58	29.4	23.3	34.9





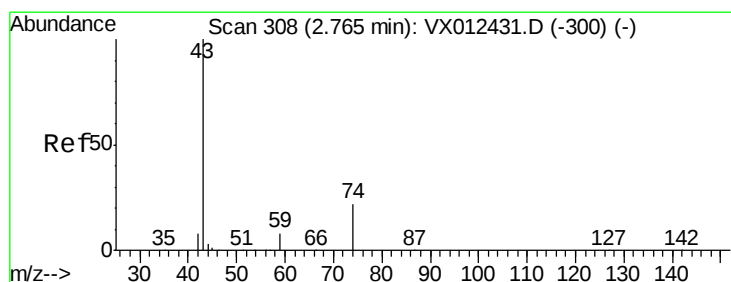
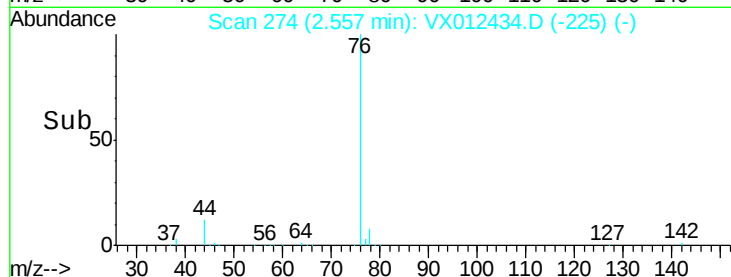
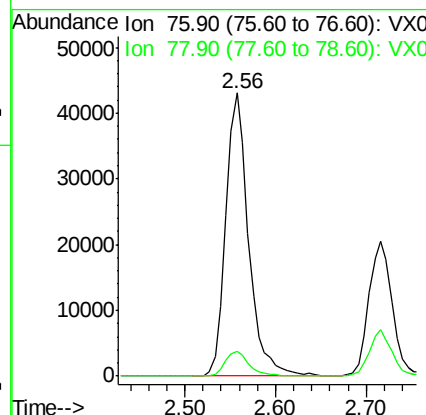
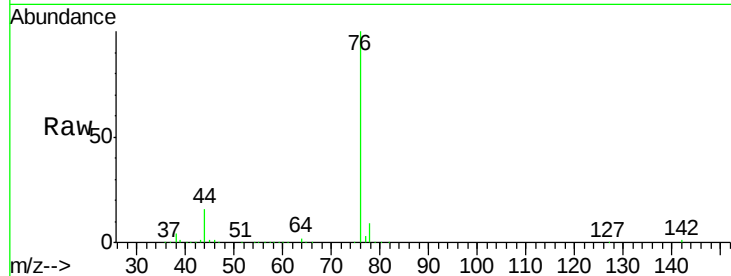
#17
Carbon Disulfide
Concen: 46.034 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091719

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

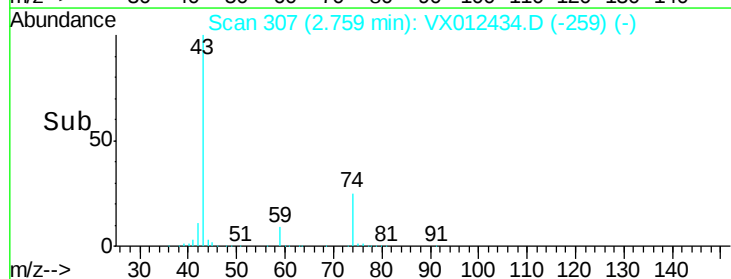
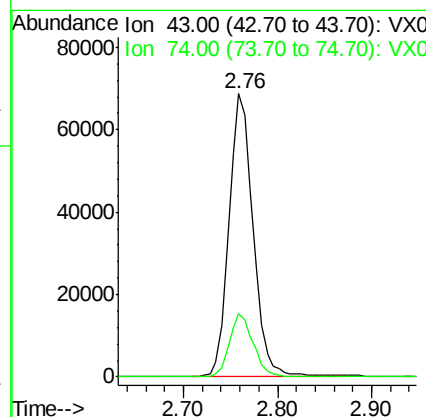
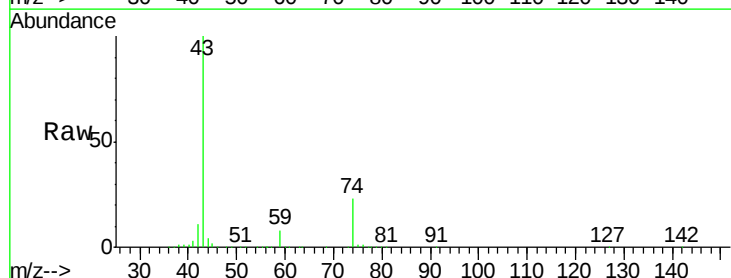
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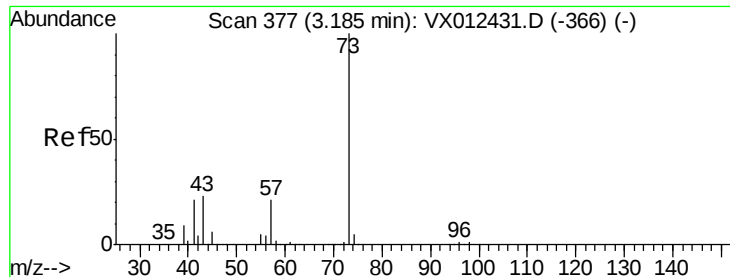
MMDadoda
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#18
Methyl Acetate
Concen: 43.756 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.7	26.5





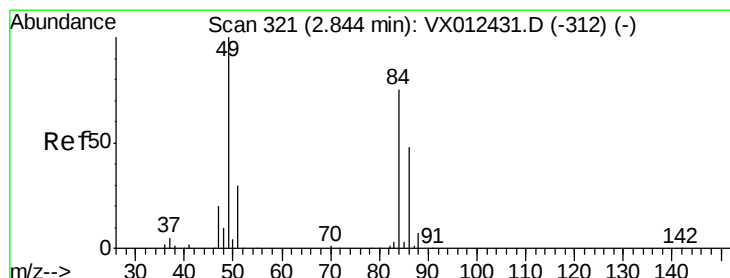
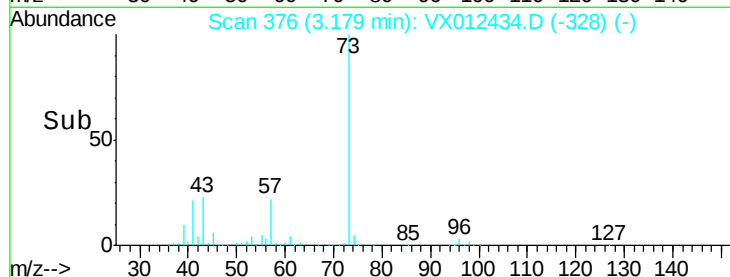
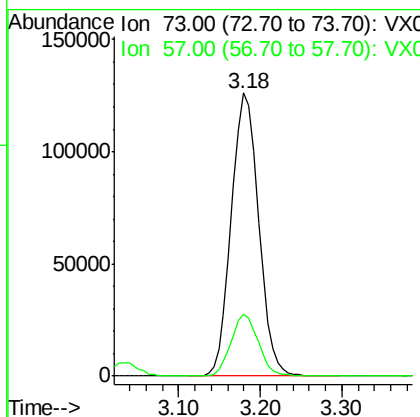
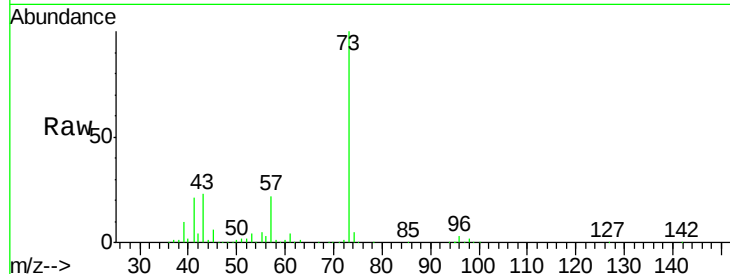
#19
Methvl tert-butvl Ether
Concen: 45.910 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091719

Tot Ion: 73 Resp: 292426
Ion Ratio Lower Upper
73 100
57 22.1 16.8 25.2

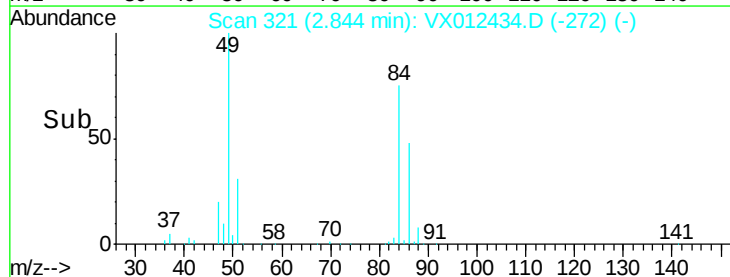
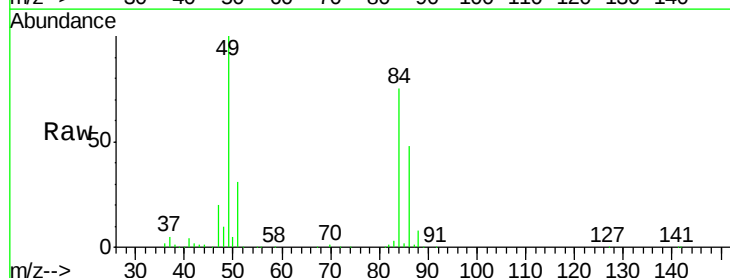
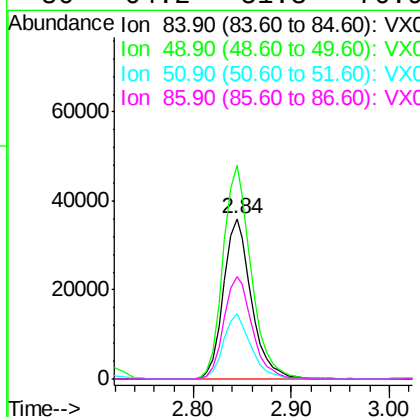
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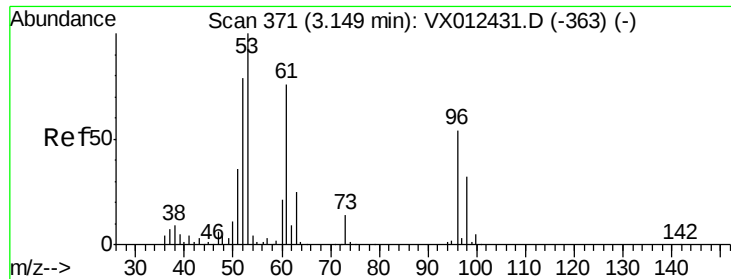
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#20
Methylene Chloride
Concen: 44.052 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Tgt Ion: 84 Resp: 70997
Ion Ratio Lower Upper
84 100
49 133.4 106.8 160.2
51 40.9 32.3 48.5
86 64.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 47.787 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091719

Tot Ion: 96 Resp: 57971

Ion Ratio Lower Upper

96 100

61 150.8 112.0 168.0

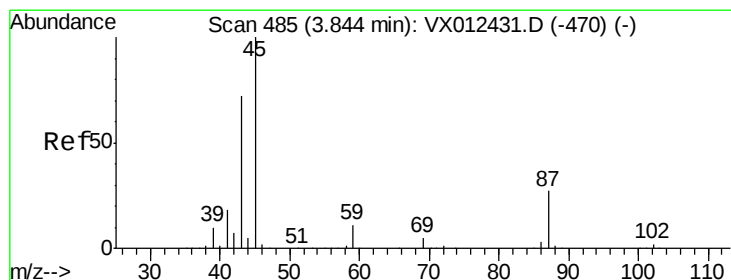
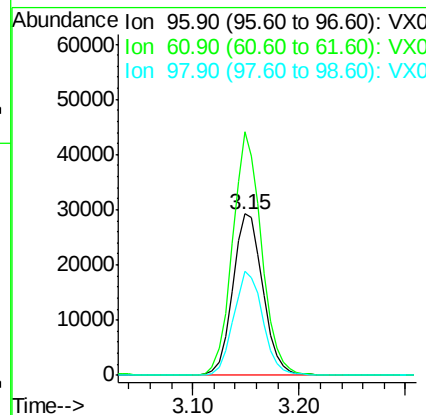
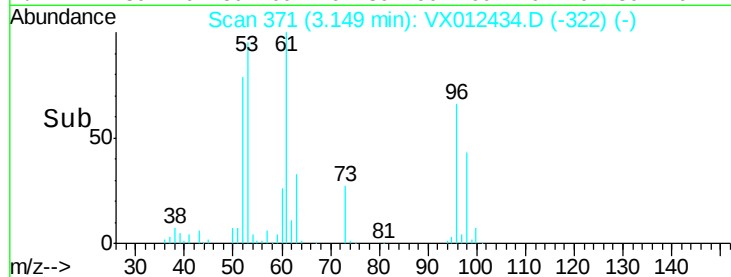
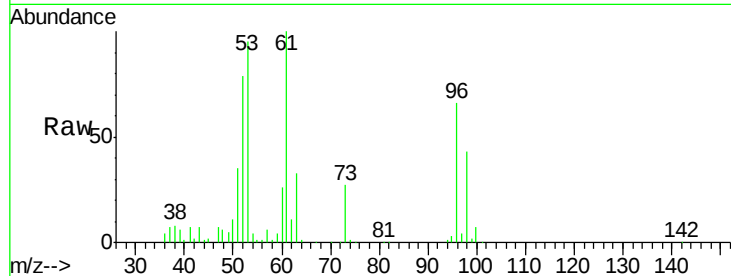
98 64.2 47.8 71.8

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#22

Diisopropyl ether

Concen: 45.265 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Tgt Ion: 45 Resp: 288253

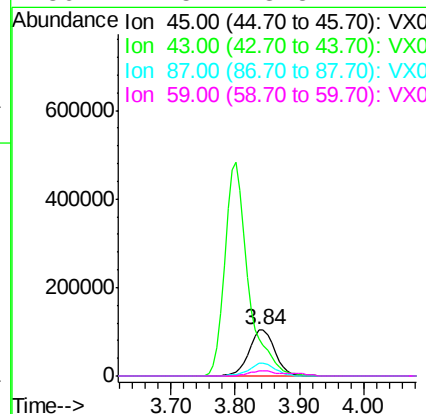
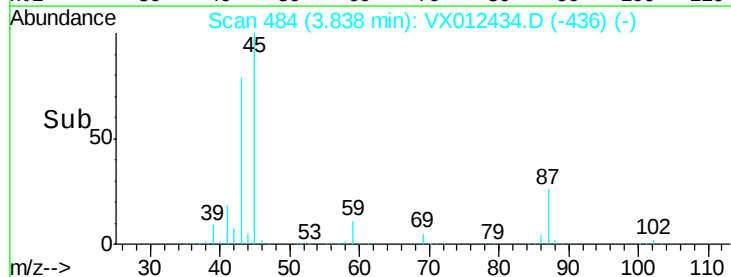
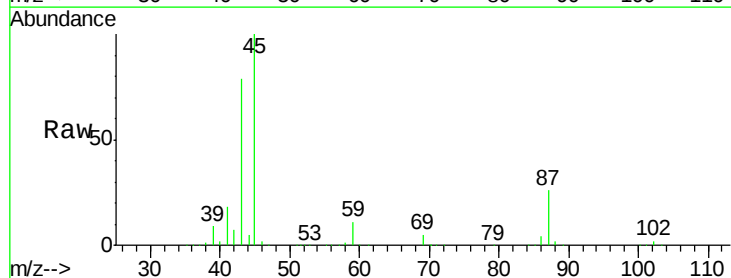
Ion Ratio Lower Upper

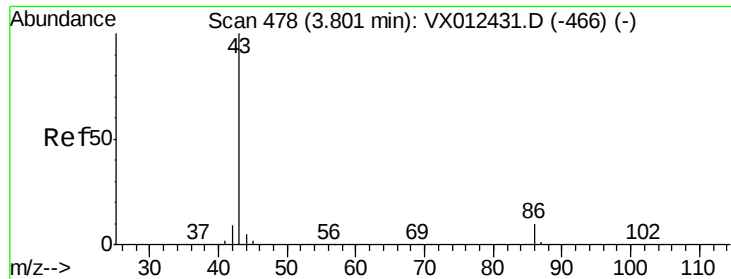
45 100

43 78.8 57.8 86.8

87 26.2 21.3 31.9

59 11.5 8.5 12.7





#23

Vinyl Acetate

Concen: 236.561 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091719

Tot Ion: 43 Resp: 1239215

Ion Ratio Lower Upper

43 100

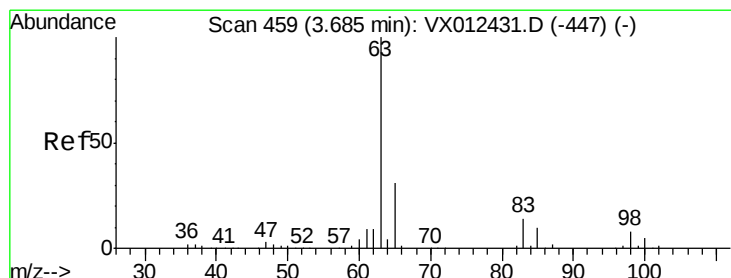
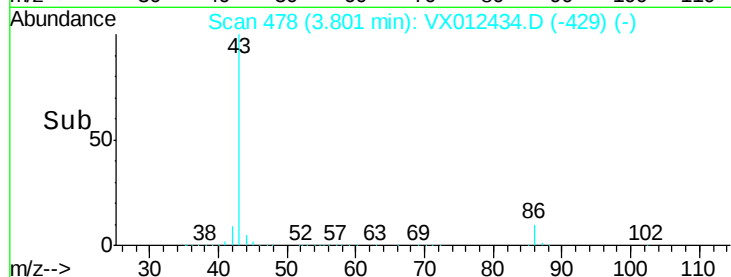
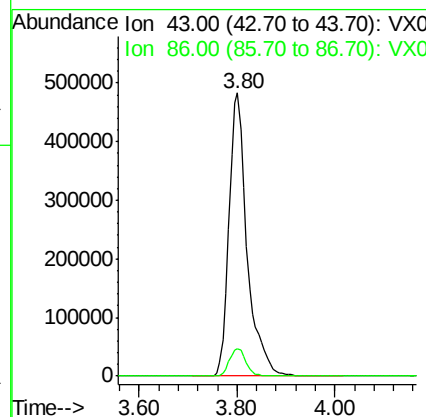
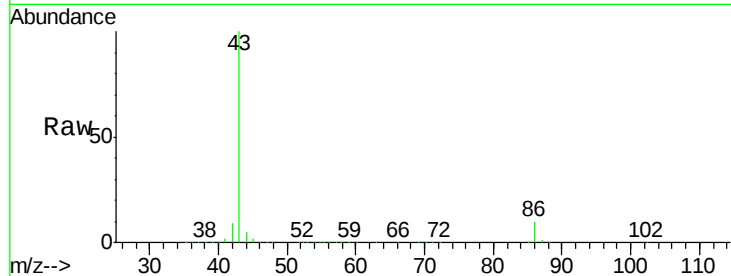
86 9.8 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 46.573 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

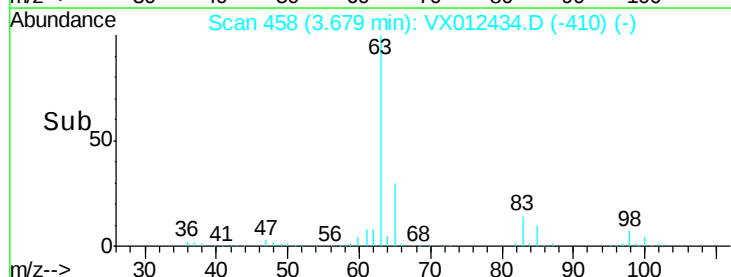
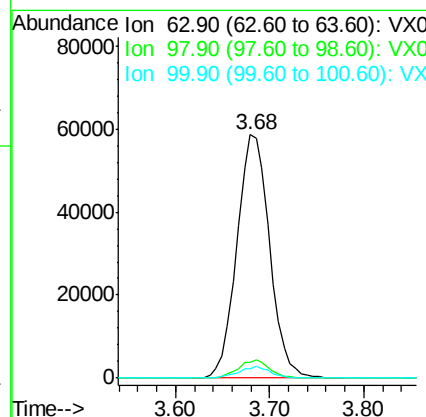
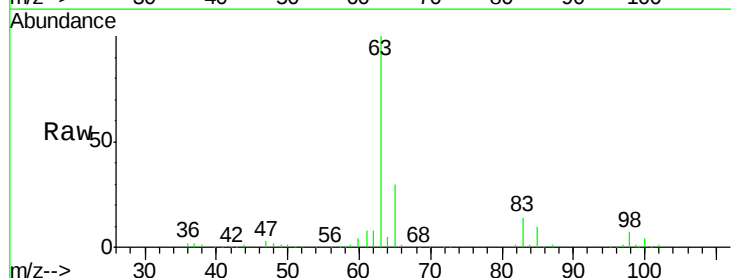
Tgt Ion: 63 Resp: 141903

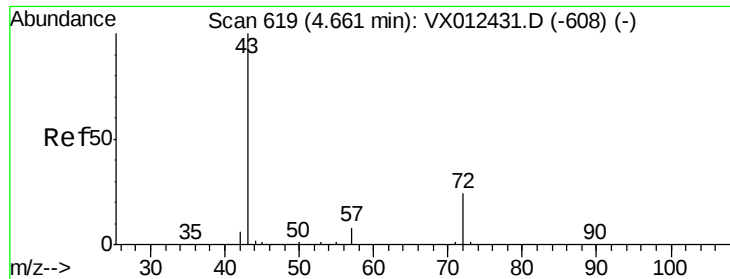
Ion Ratio Lower Upper

63 100

98 6.6 3.9 11.7

100 4.1 2.3 6.9





#25

2-Butanone

Concen: 214.558 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091719

Tot Ion: 43 Resp: 396346

Ion Ratio Lower Upper

43 100

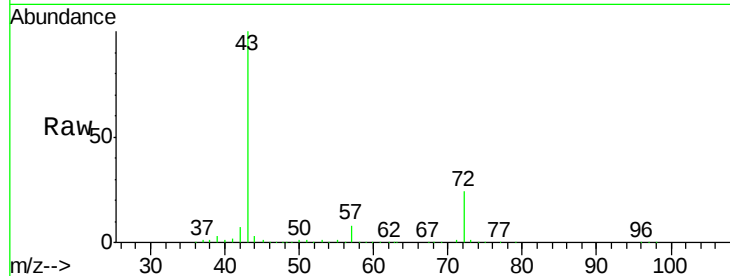
72 24.1 19.2 28.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

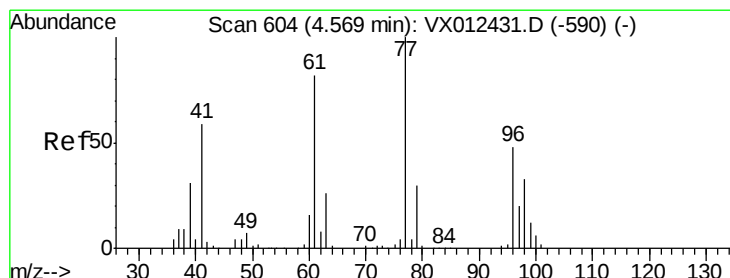
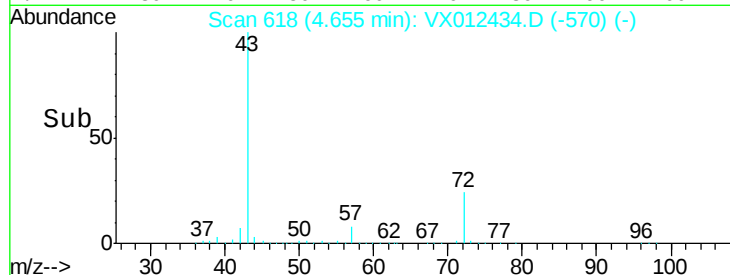
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 46.772 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012434.D

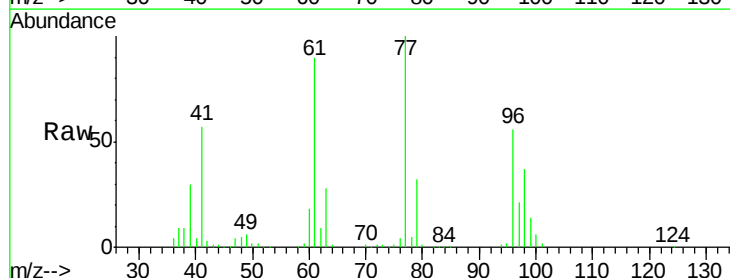
Acq: 17 Sep 2019 15:22

Tgt Ion: 77 Resp: 140154

Ion Ratio Lower Upper

77 100

97 20.7 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

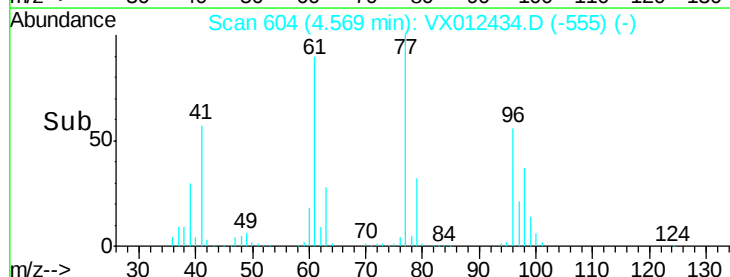
20000

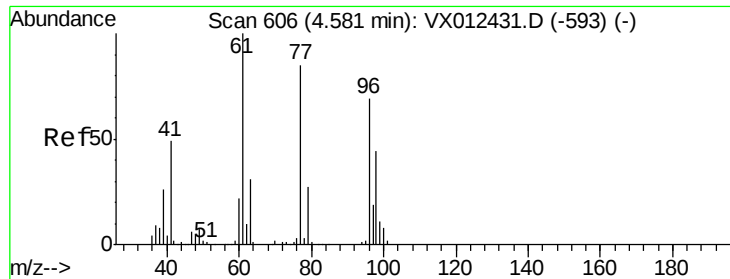
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

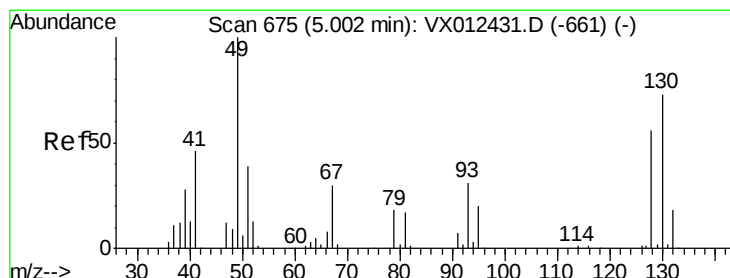
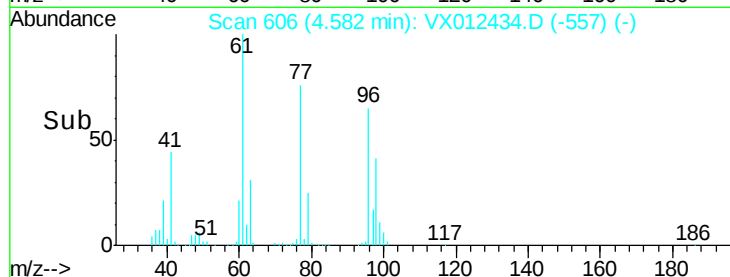
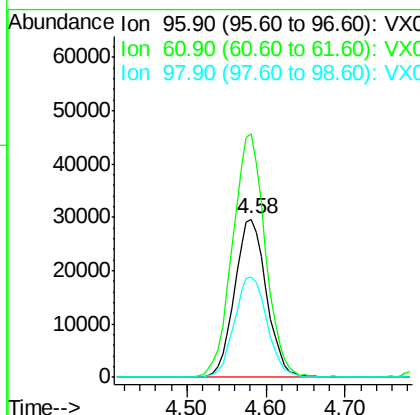
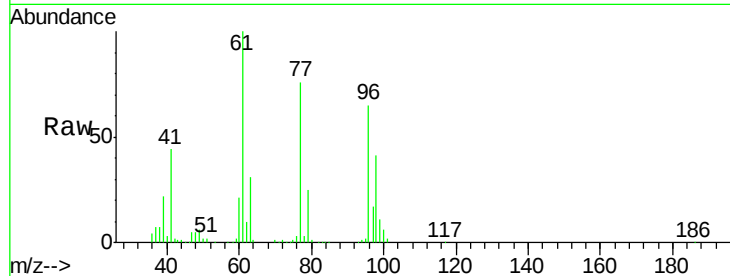
cis-1,2-Dichloroethene
 Concen: 46.180 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012434.D
 Acq: 17 Sep 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091719

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	157.9	0.0	319.4	
98	64.8	0.0	130.6	

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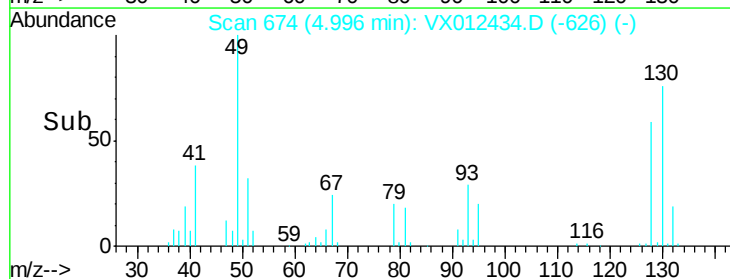
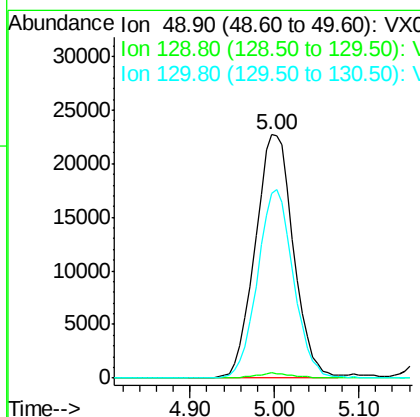
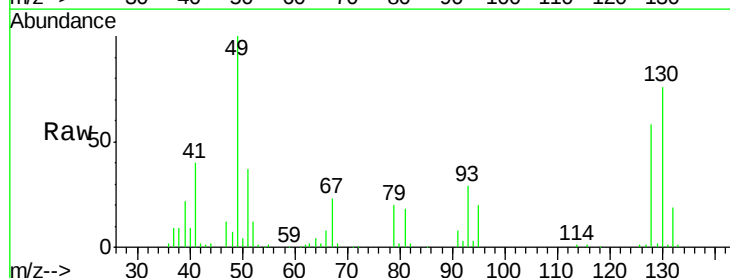
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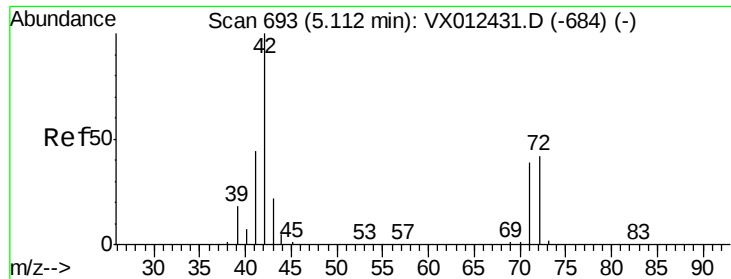


#28

Bromochloromethane
 Concen: 44.923 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX012434.D
 Acq: 17 Sep 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	3.8	
130	72.9	58.2	87.4	





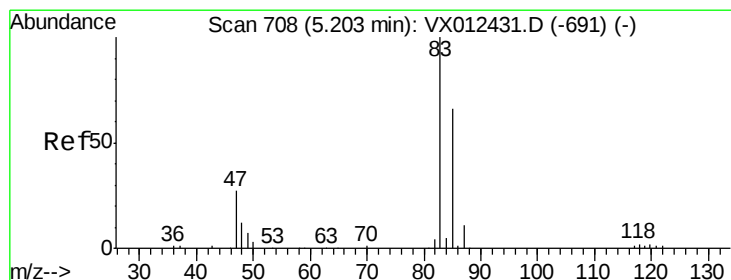
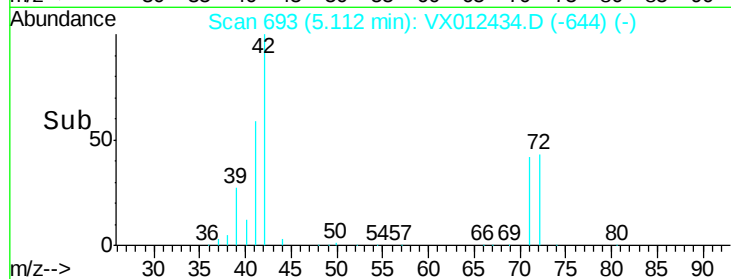
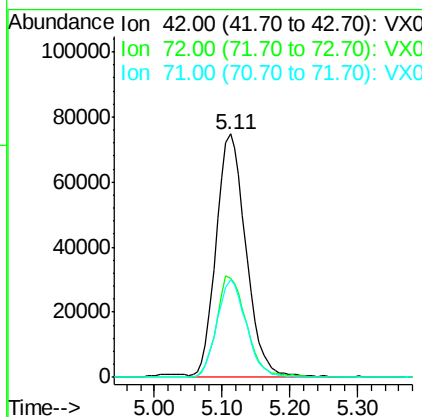
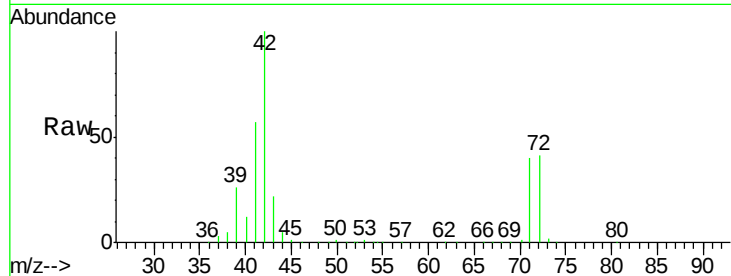
#29
Tetrahydrofuran
Concen: 222.835 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091719

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	34.0	51.0
71	39.4	31.5	47.3

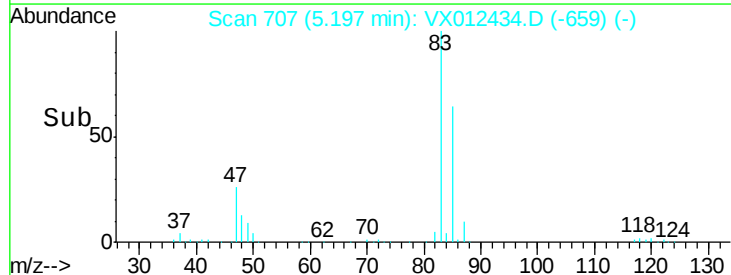
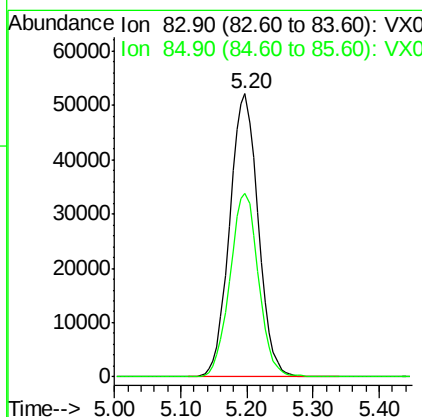
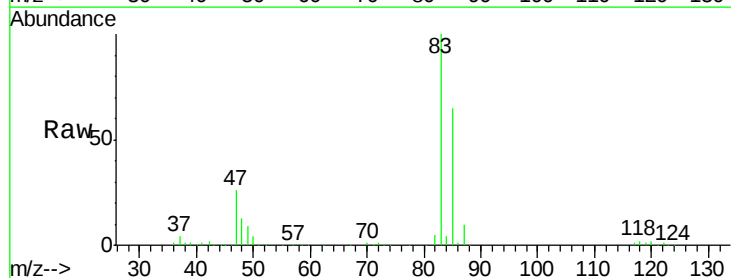
Manual Integrations
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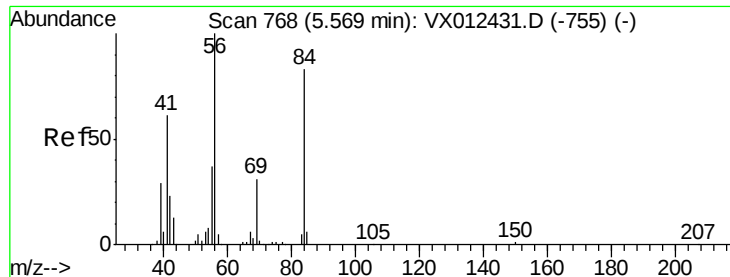
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9/18/2019 11:23:38 AM



#30
Chloroform
Concen: 44.599 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	53.0	79.4





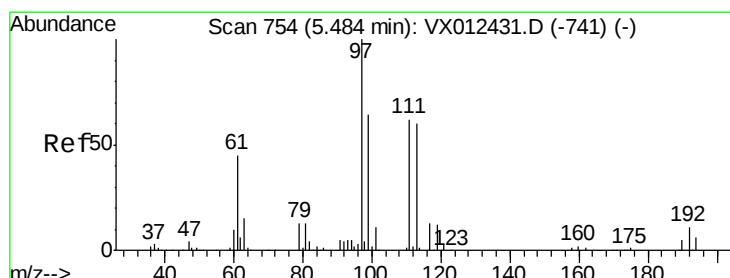
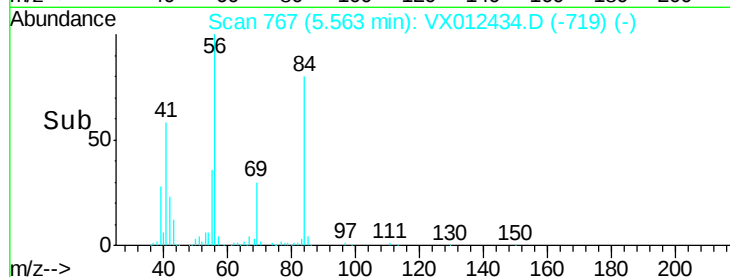
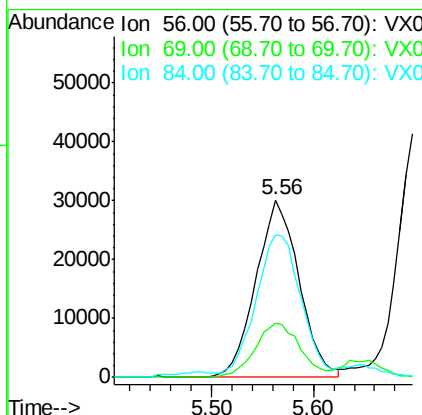
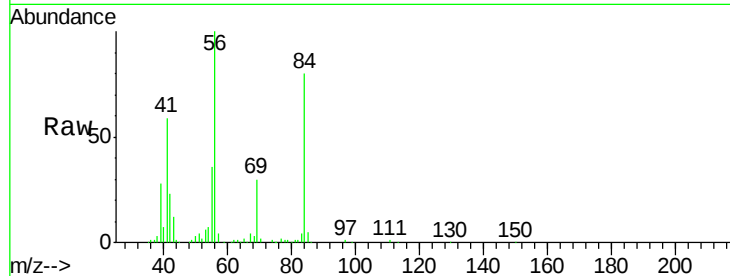
#31
Cyclohexane
Concen: 48.113 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091719

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	25.0	37.6
84	78.0	66.4	99.6

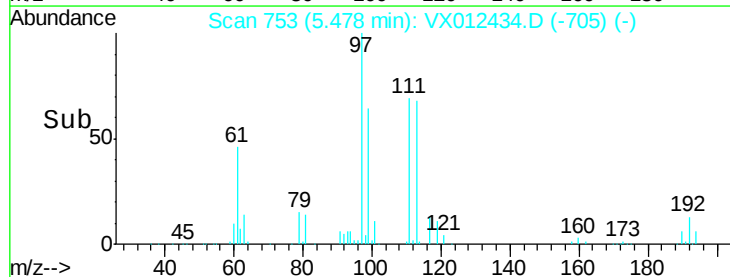
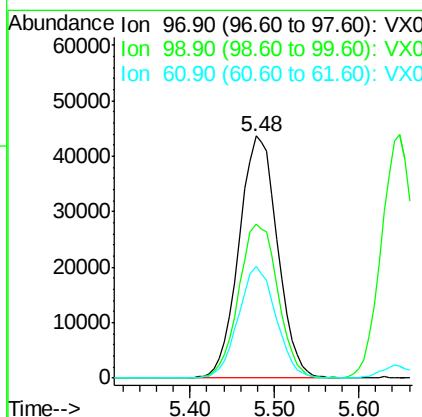
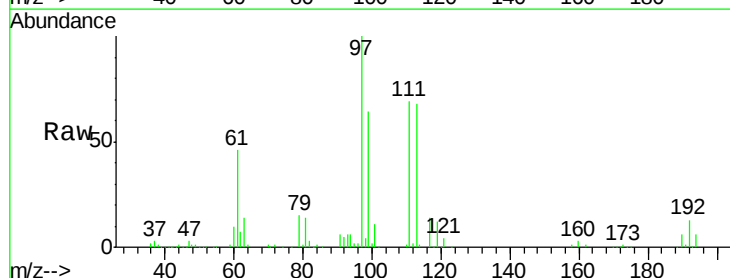
Manual Integrations
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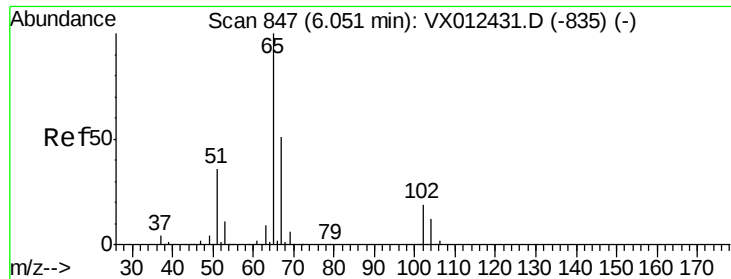
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#32
1,1,1-Trichloroethane
Concen: 46.311 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.3	76.9
61	45.2	36.1	54.1





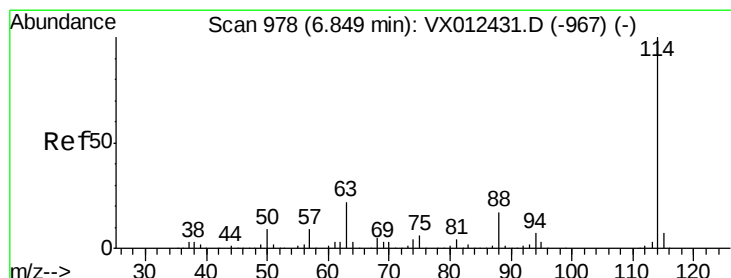
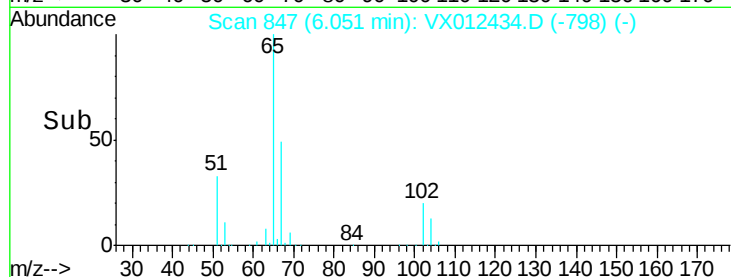
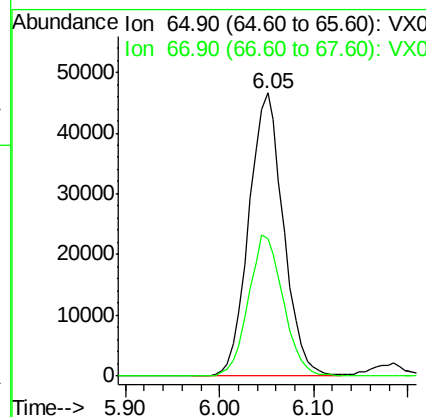
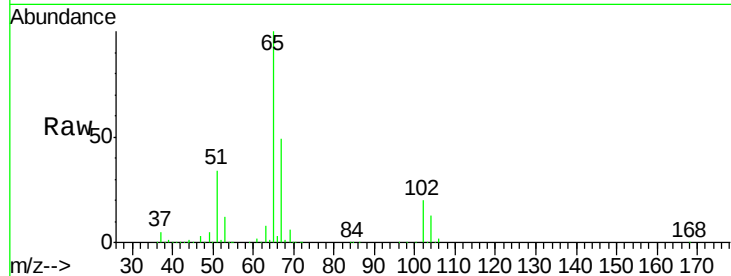
#33
 1,2-Dichloroethane-d4
 Concen: 45.105 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012434.D
 Acq: 17 Sep 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091719

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	101.2

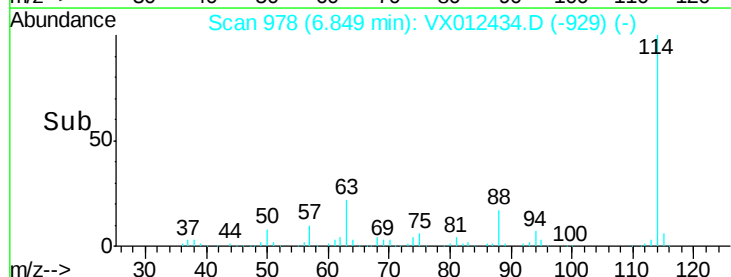
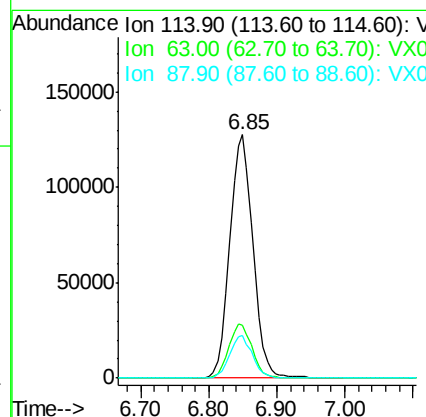
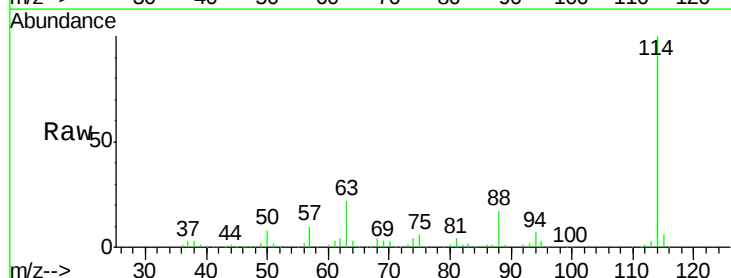
Manual Integrations
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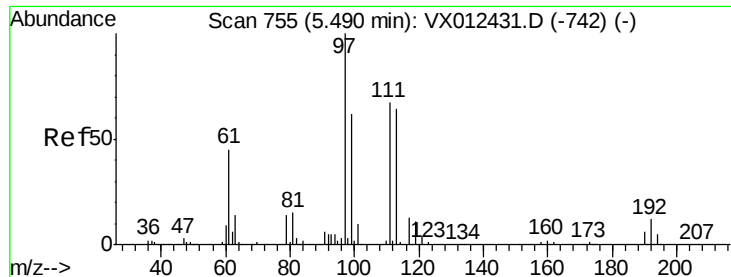
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012434.D
 Acq: 17 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.2
88	17.4	0.0	33.2





#35

Dibromofluoromethane

Concen: 48.246 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Instrument :

MSVOA_X

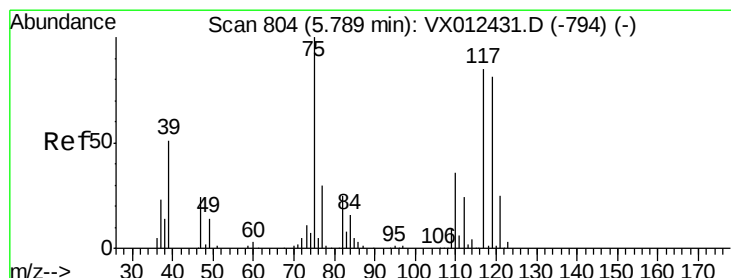
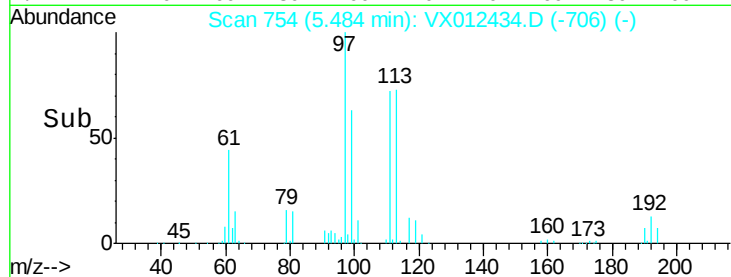
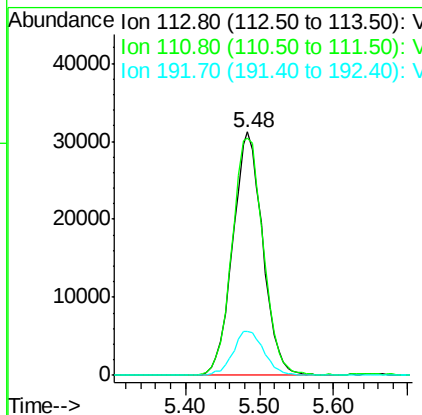
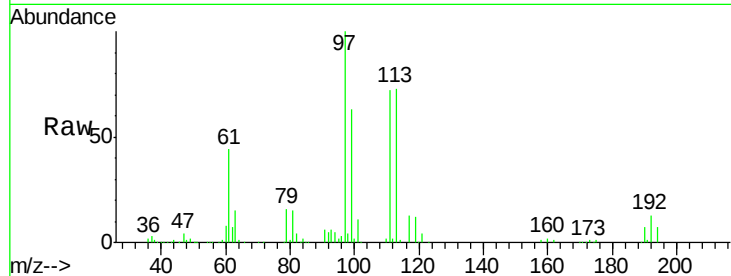
ClientSampleId :

ICVVX091719

Tot Ion:	113	Resp:	87842
Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.4	125.2
192	18.9	14.4	21.6

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#36

1,1-Dichloropropene

Concen: 48.112 ug/l

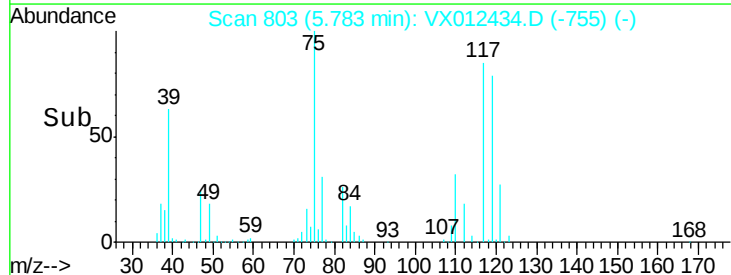
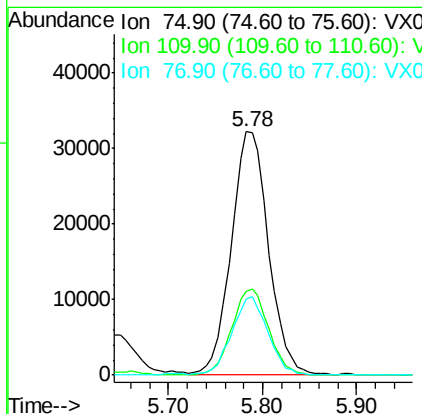
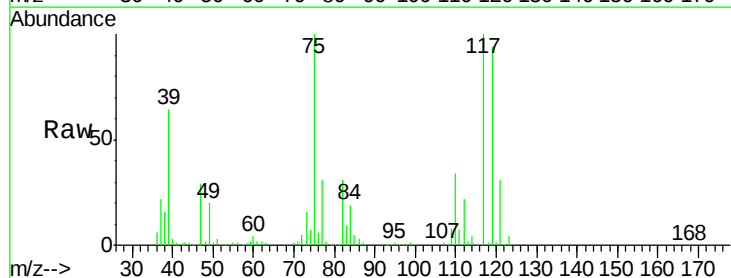
RT: 5.78 min Scan# 803

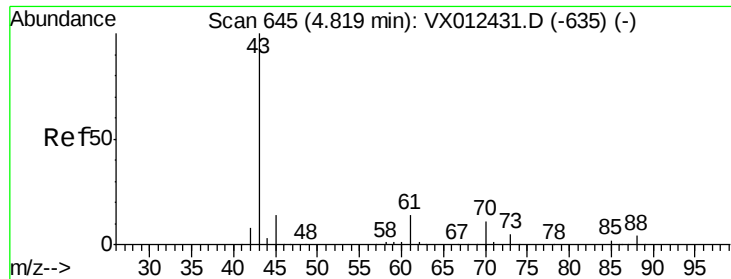
Delta R.T. -0.01 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Tgt Ion:	75	Resp:	87960
Ion	Ratio	Lower	Upper
75	100		
110	35.3	16.7	50.0
77	31.8	24.2	36.2





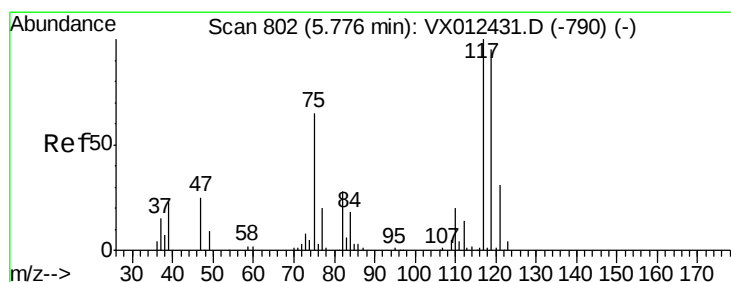
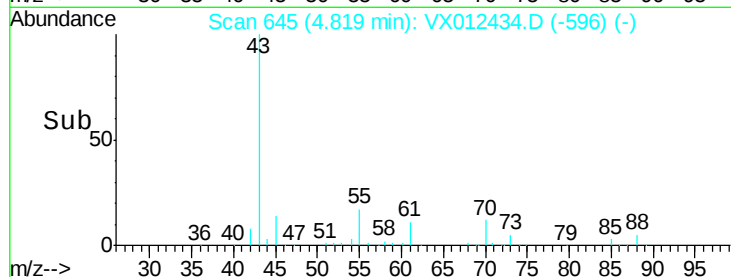
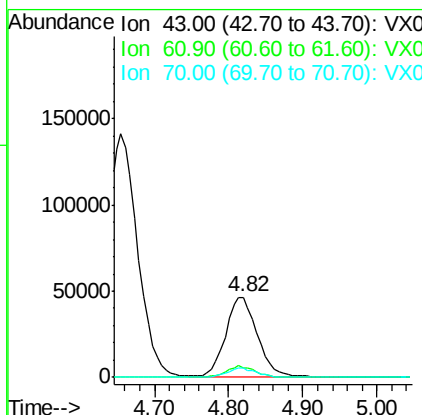
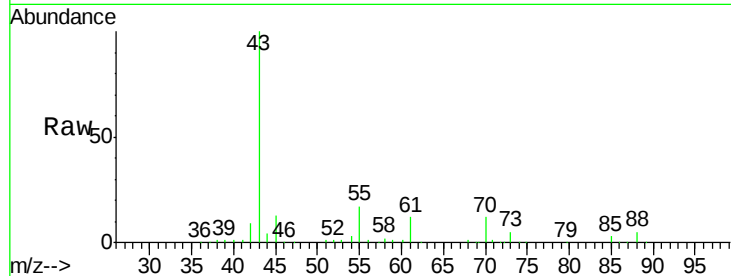
#37
Ethyl Acetate
Concen: 49.017 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091719

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.2	15.4
70	11.0	8.7	13.1

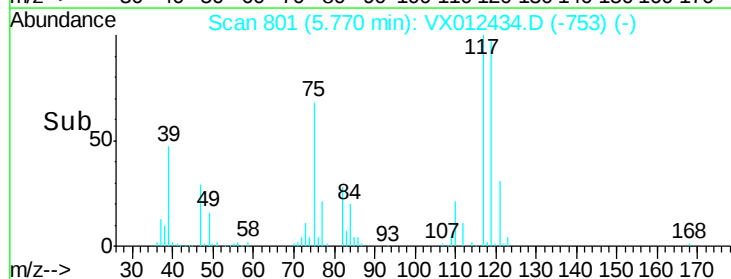
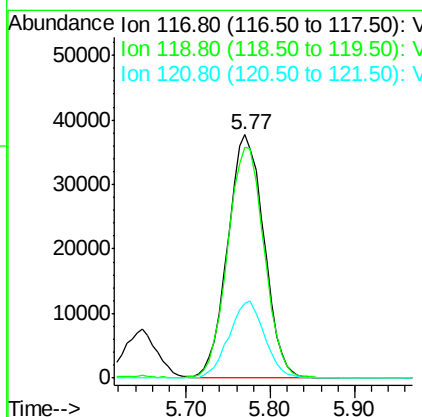
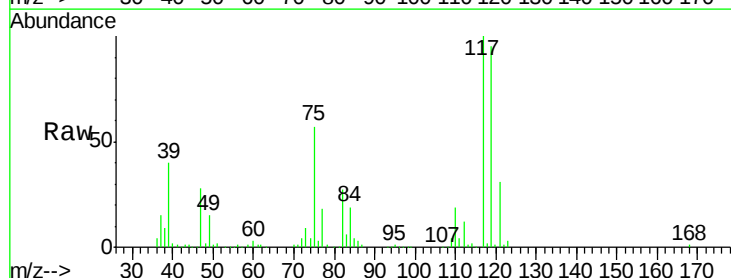
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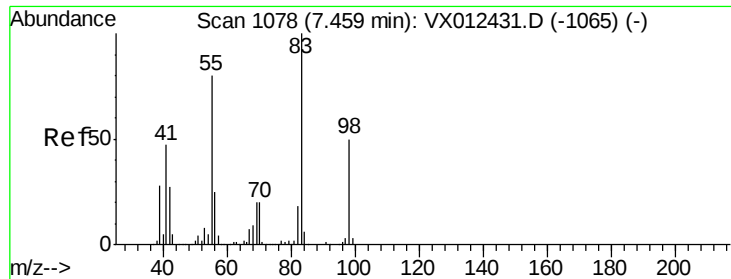
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#38
Carbon Tetrachloride
Concen: 48.667 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.7	113.5
121	30.7	24.2	36.4





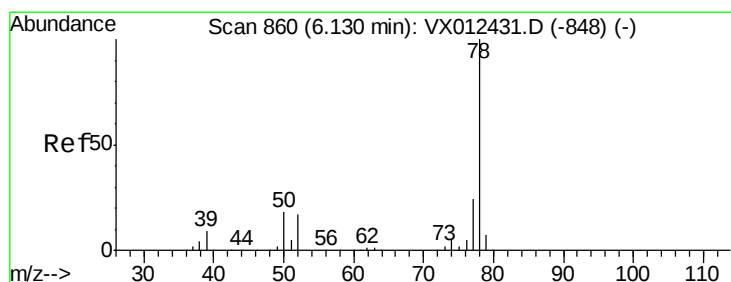
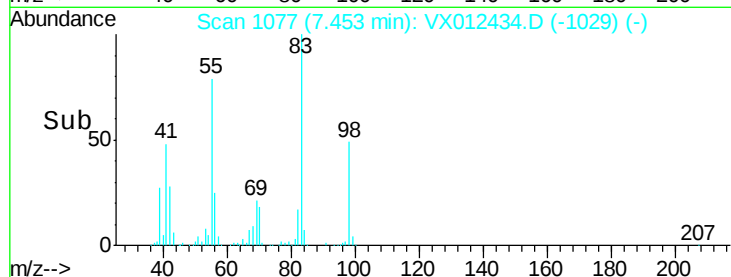
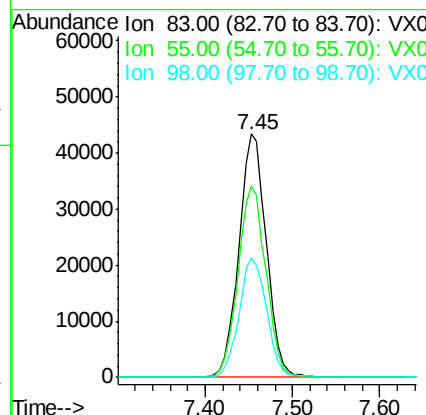
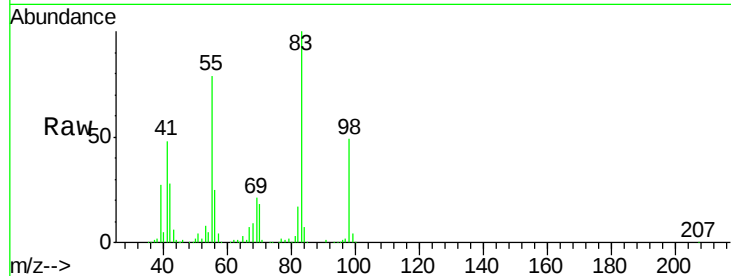
#39
Methvlcvclohexane
Concen: 53.311 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091719

Tot Ion	83	Resp	94749
Ion Ratio	100	Lower	Upper
83	100		
55	78.6	64.4	96.6
98	48.9	40.1	60.1

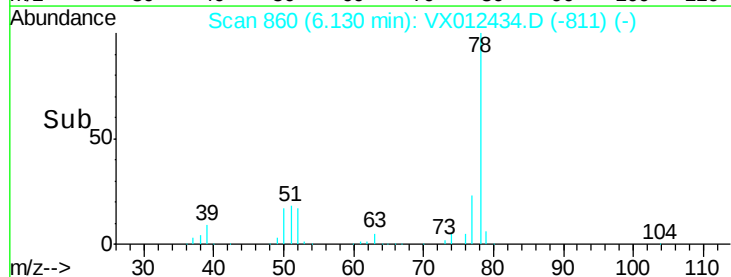
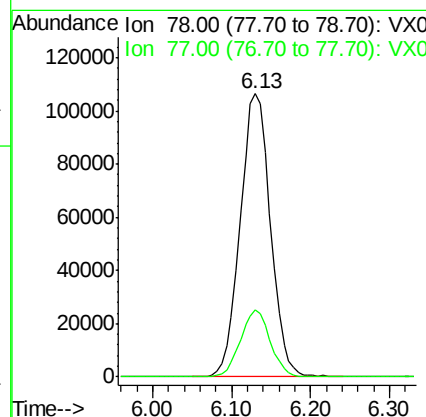
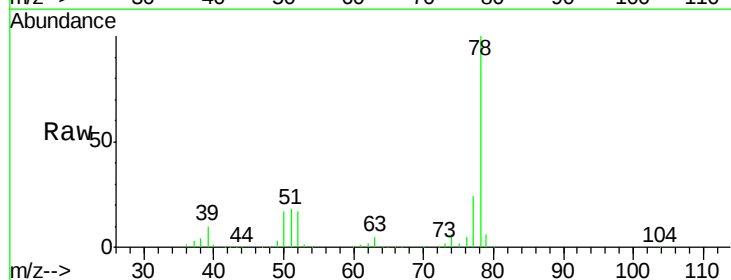
Manual Integrations
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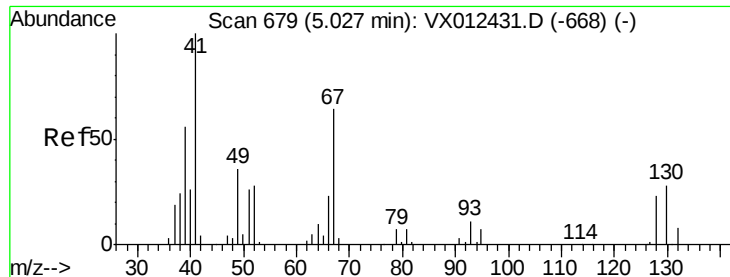
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#40
Benzene
Concen: 48.860 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Tgt Ion	78	Resp	284053
Ion Ratio	100	Lower	Upper
78	100		
77	23.7	19.2	28.8





#41

Methacrylonitrile

Concen: 45.521 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091719

Tot Ion: 41 Resp: 82256

Ion Ratio Lower Upper

41 100

39 54.7 46.0 69.0

67 65.5 52.2 78.2

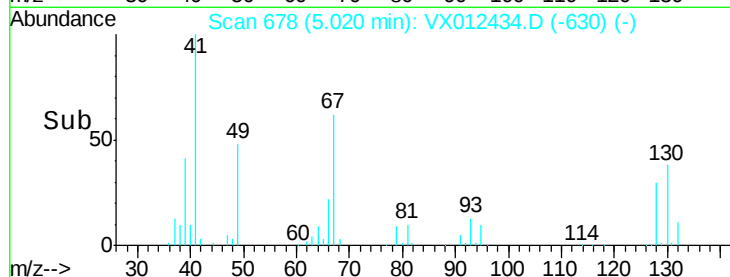
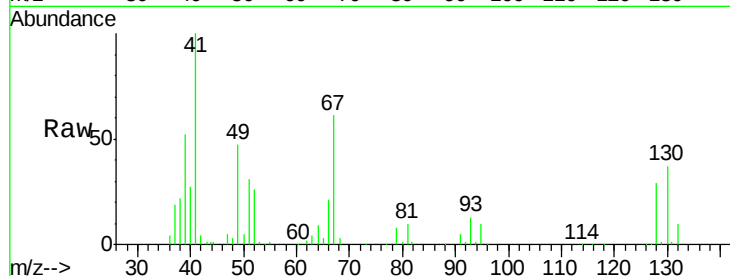
52 28.2 22.7 34.1

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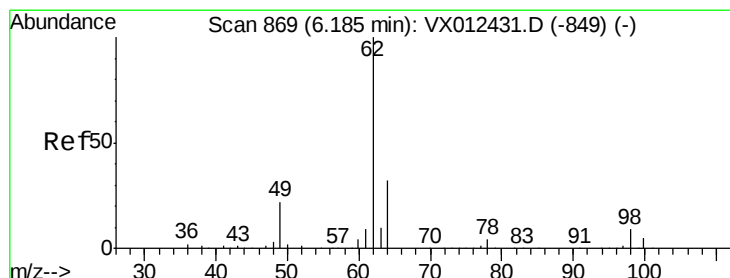
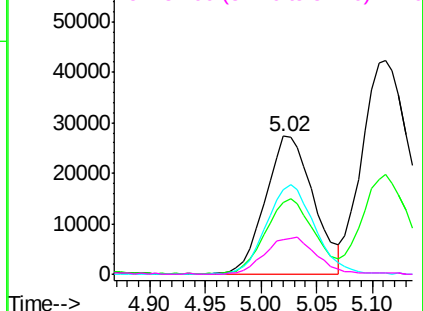


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 46.906 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012434.D

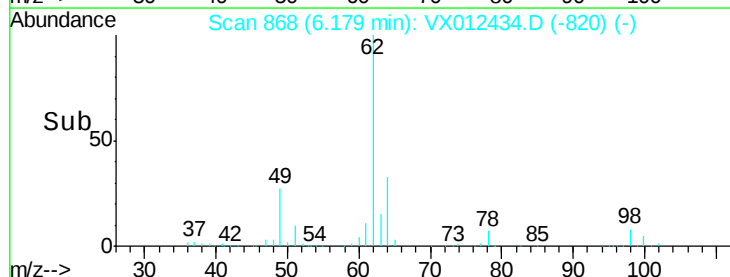
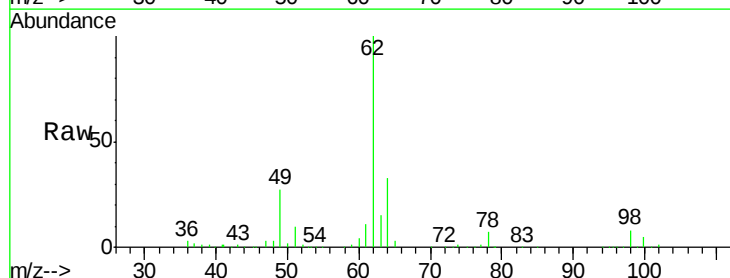
Acq: 17 Sep 2019 15:22

Tgt Ion: 62 Resp: 126479

Ion Ratio Lower Upper

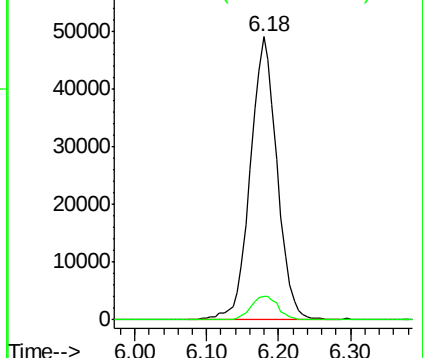
62 100

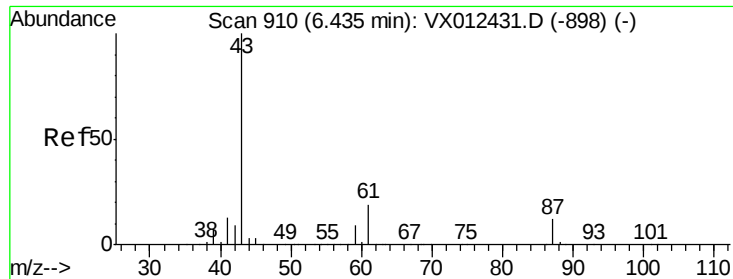
98 8.6 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

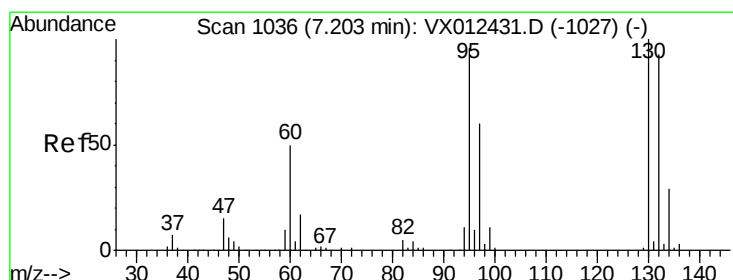
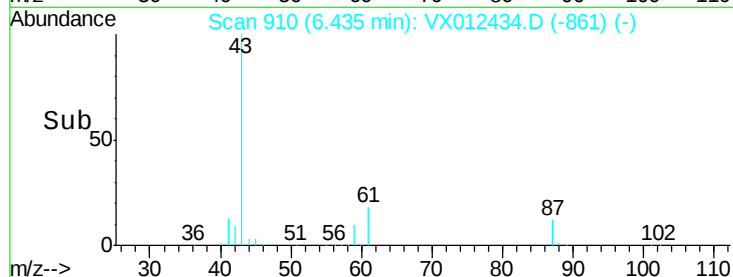
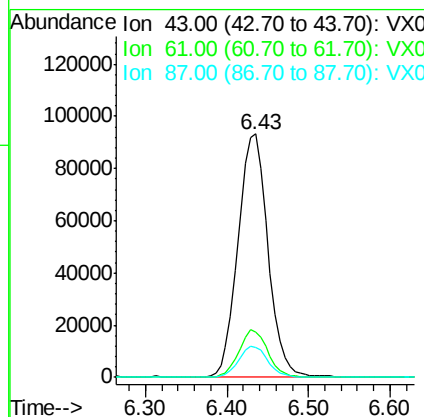
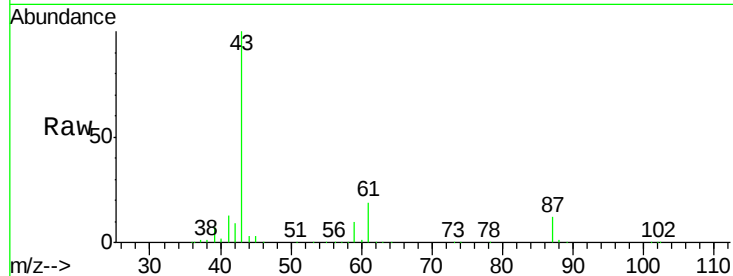
Isopropyl Acetate
 Concen: 46.912 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012434.D
 Acq: 17 Sep 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091719

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.4	23.0
87	12.5	9.8	14.8

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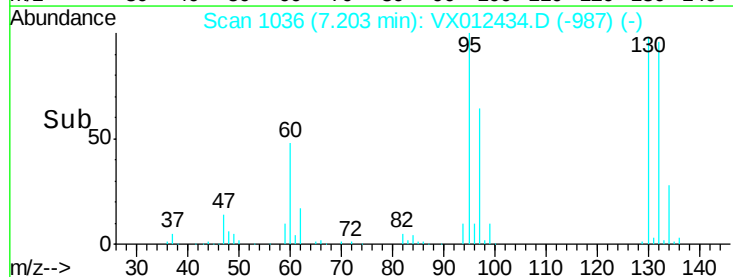
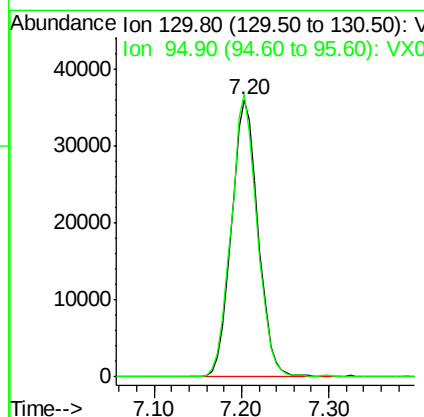
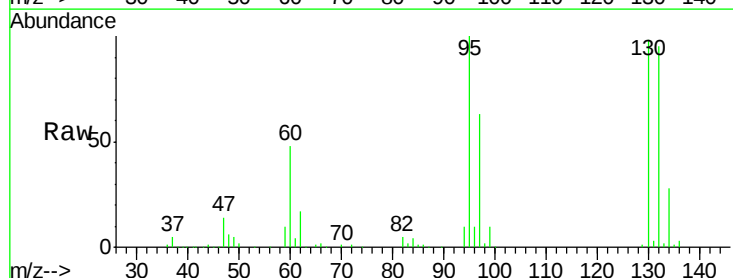
MMDadoda
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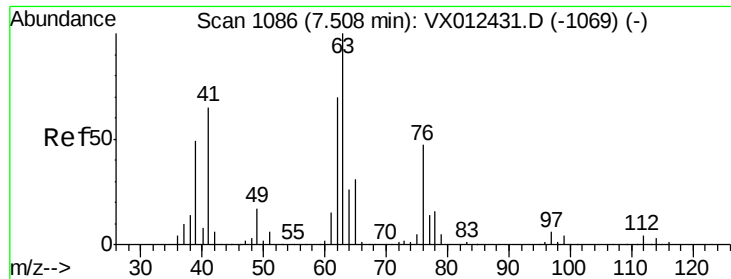


#44

Trichloroethene
 Concen: 49.961 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012434.D
 Acq: 17 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.2	0.0	193.0





#45

1,2-Dichloropropane

Concen: 47.471 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091719

Tot Ion: 63 Resp: 84789

Ion Ratio Lower Upper

63 100

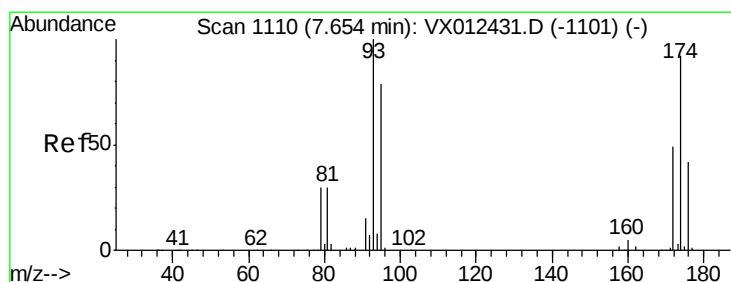
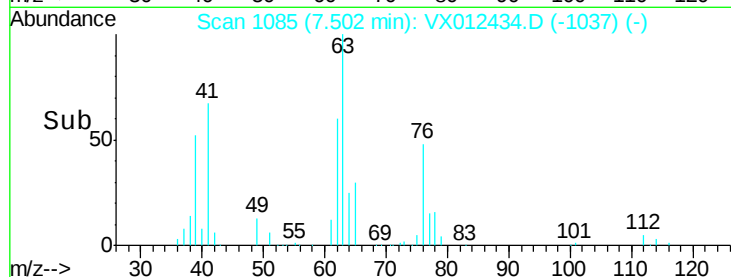
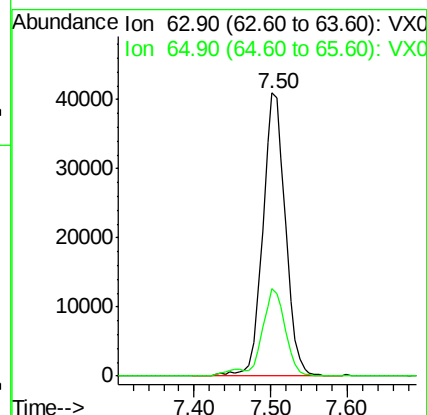
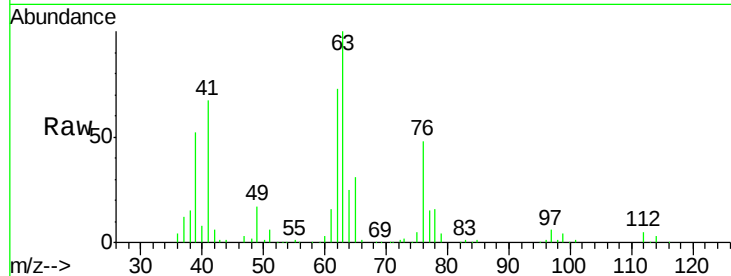
65 30.8 25.0 37.6

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#46

Dibromomethane

Concen: 47.275 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

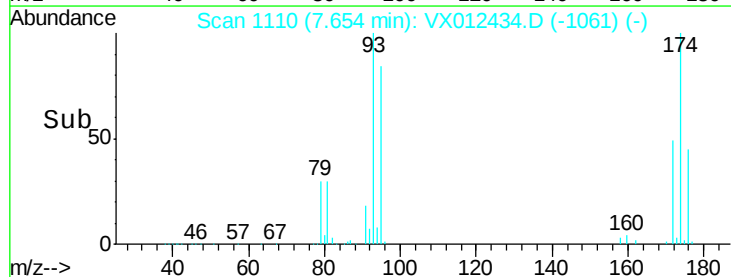
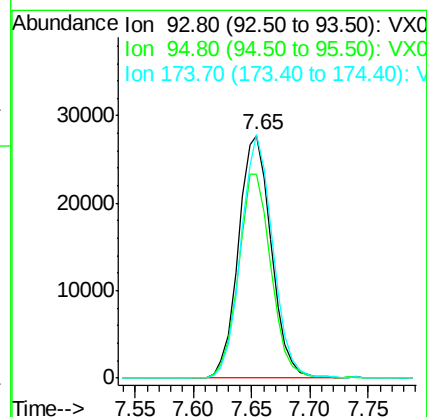
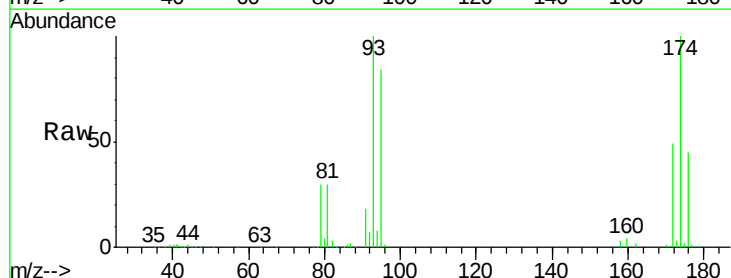
Tgt Ion: 93 Resp: 54642

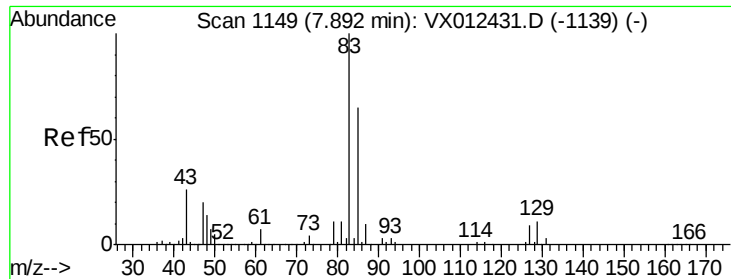
Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

174 97.2 77.4 116.0





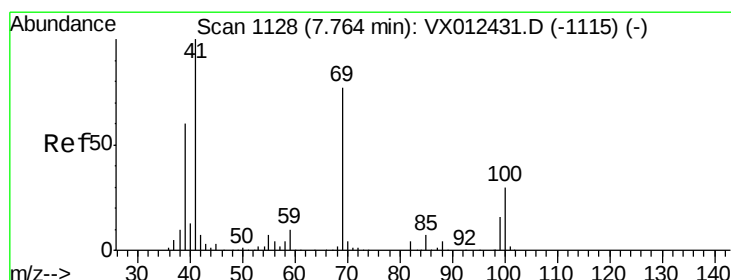
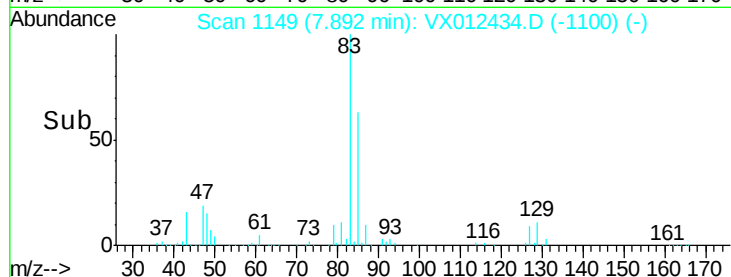
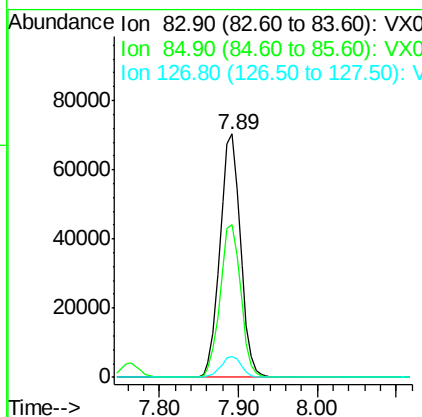
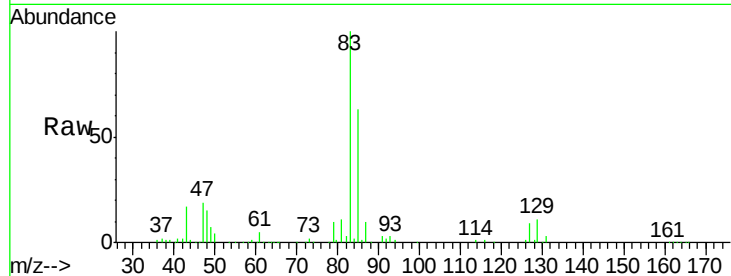
#47
 Bromodichloromethane
 Concen: 49.556 ug/l
 RT: 7.89 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: VX012434.D
 Acq: 17 Sep 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091719

Tot Ion	83	Resp	127535
Ion Ratio	100	Lower	Upper
83	100		
85	62.5	51.8	77.6
127	8.6	7.3	10.9

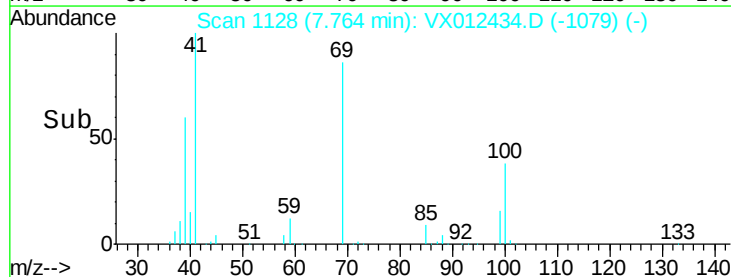
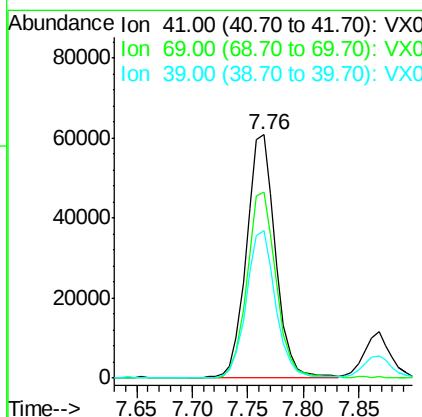
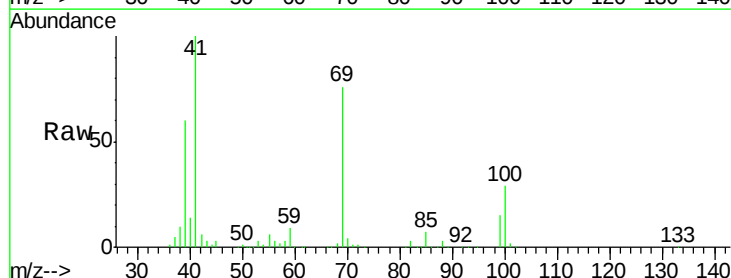
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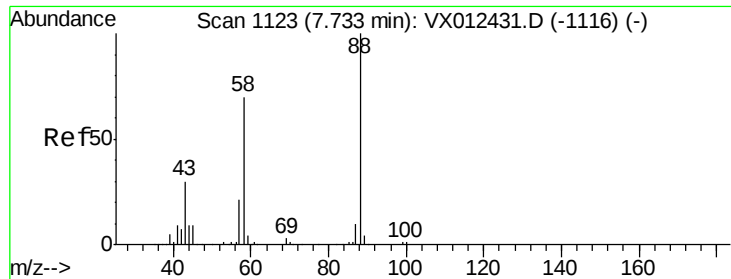
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#48
 Methyl methacrylate
 Concen: 46.328 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX012434.D
 Acq: 17 Sep 2019 15:22

Tgt Ion	41	Resp	109997
Ion Ratio	100	Lower	Upper
41	100		
69	77.1	59.9	89.9
39	60.5	47.8	71.6





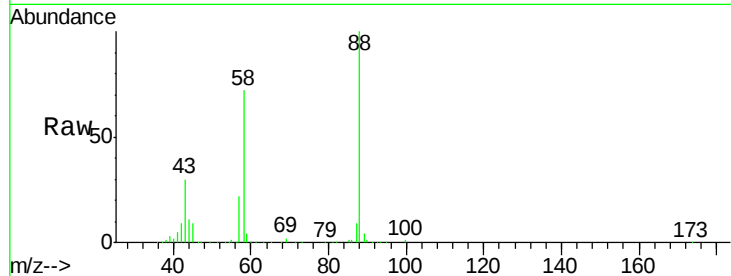
#49
1,4-Dioxane
Concen: 856.532 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091719

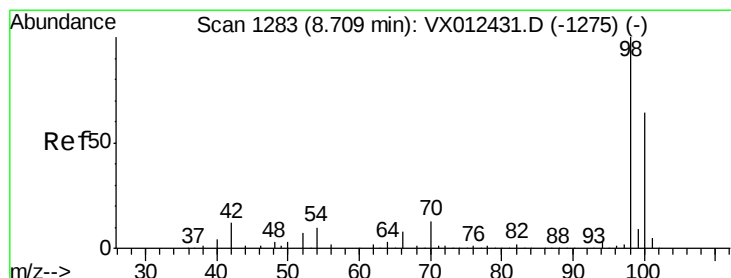
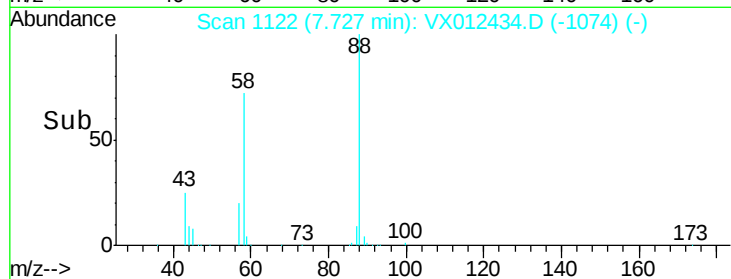
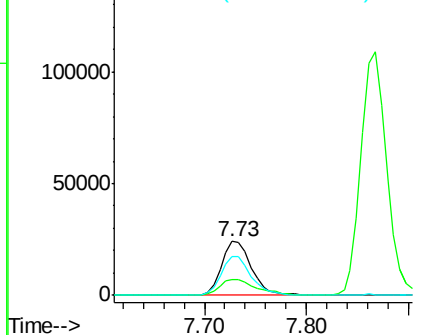
Tot Ion	Ratio	Lower	Upper
88	100		
43	35.3	29.4	44.0
58	72.9	57.5	86.3

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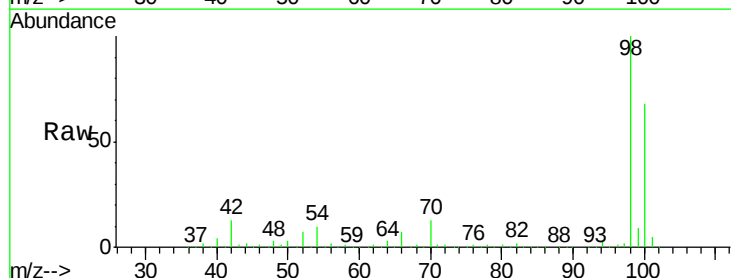


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

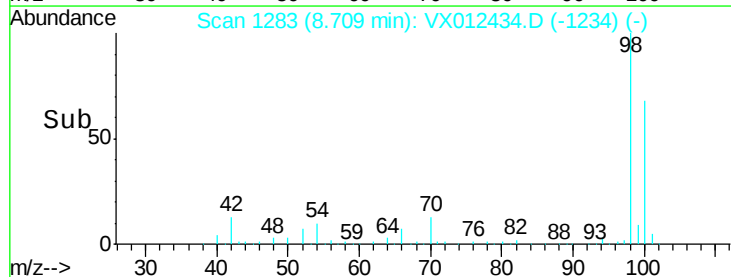
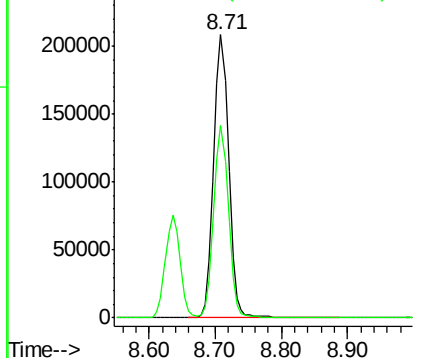


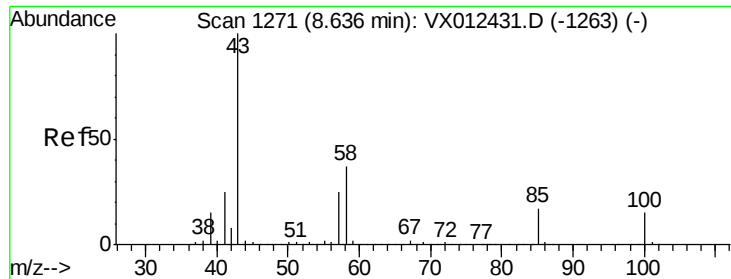
#50
Toluene-d8
Concen: 48.766 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.4	80.2



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





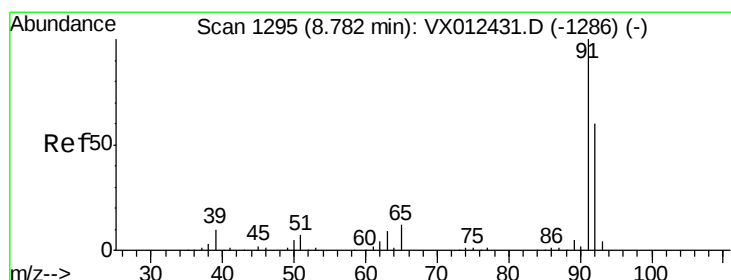
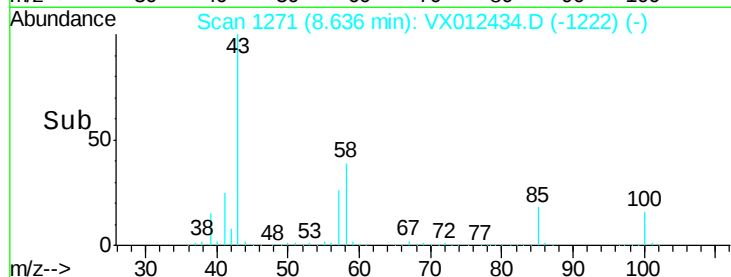
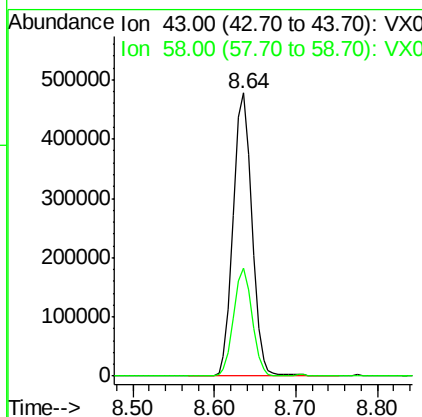
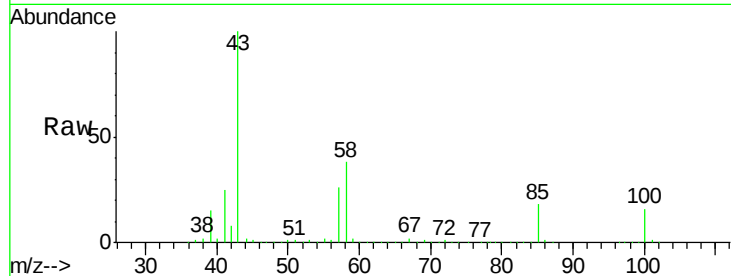
#51
4-Methyl-2-Pentanone
Concen: 228.363 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVX091719

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.5	29.8	44.6

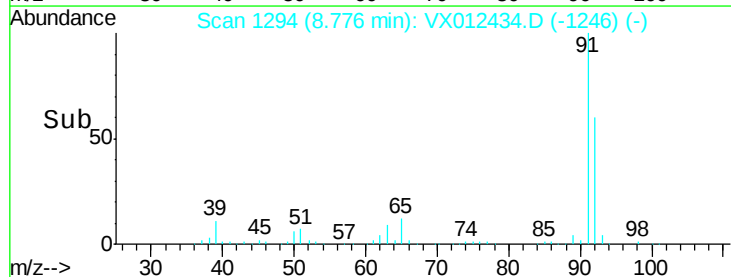
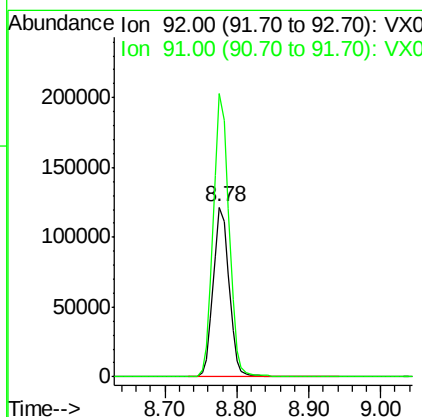
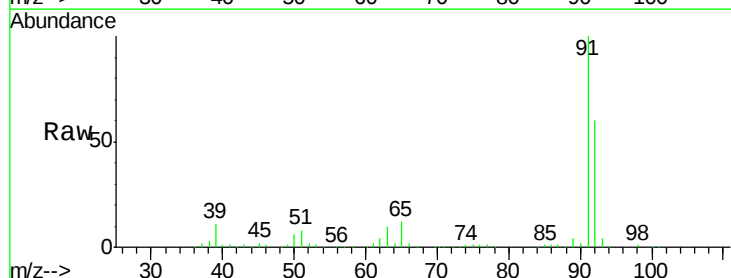
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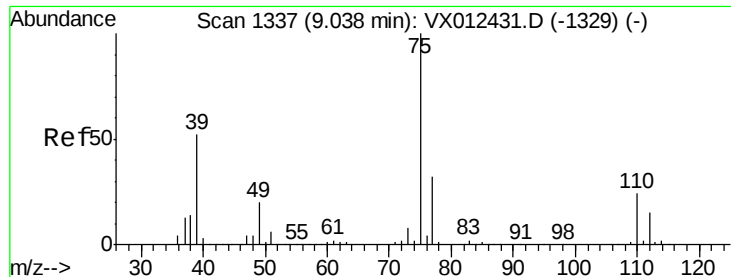
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#52
Toluene
Concen: 49.686 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
92	100		
91	165.8	135.4	203.0





#53

t-1,3-Dichloropropene

Concen: 50.759 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091719

Tot Ion: 75 Resp: 135792

Ion Ratio Lower Upper

75 100

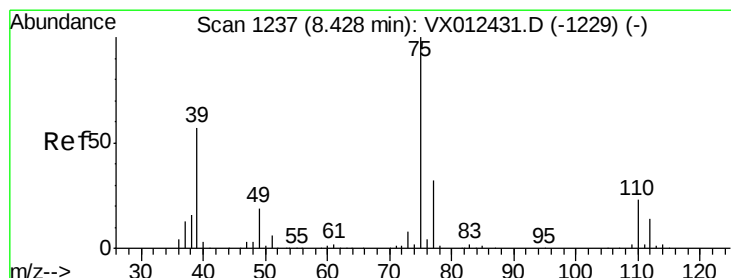
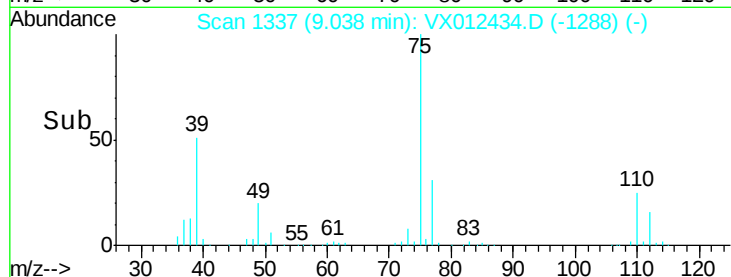
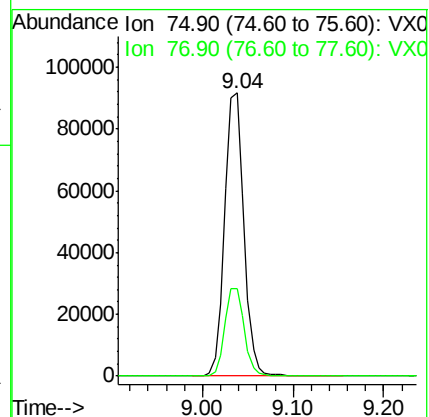
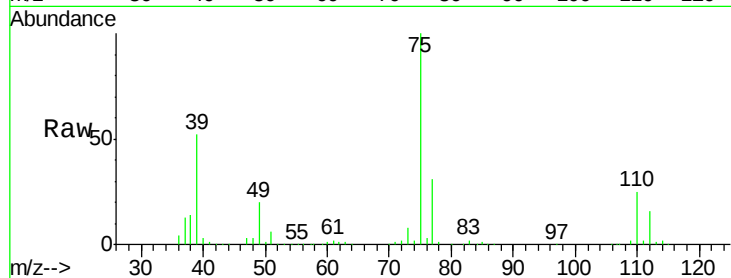
77 30.8 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 50.556 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

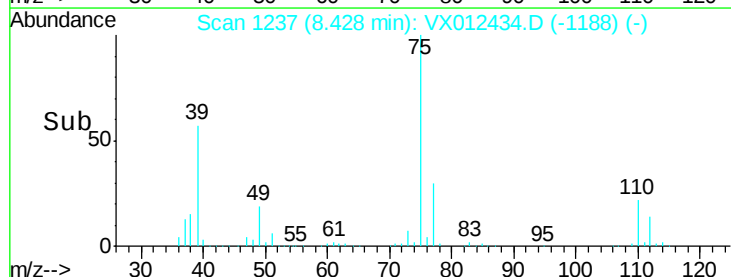
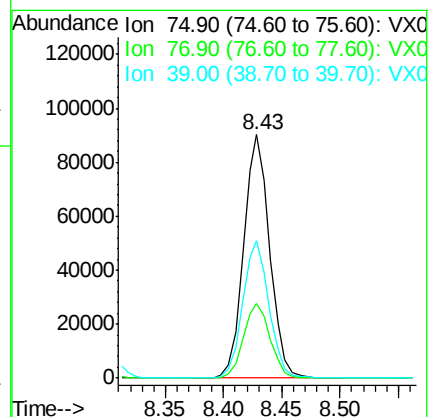
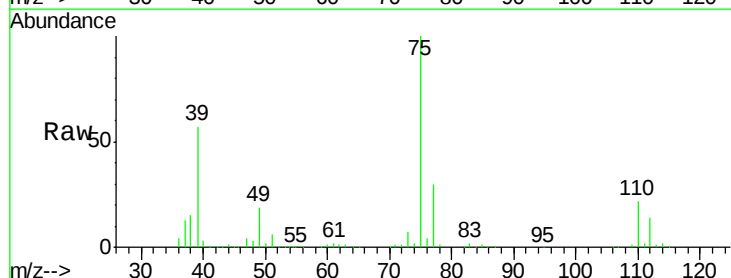
Tgt Ion: 75 Resp: 140019

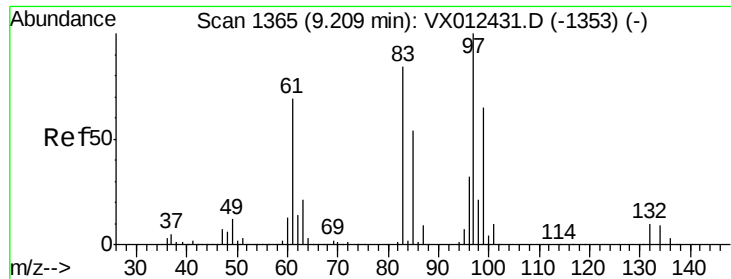
Ion Ratio Lower Upper

75 100

77 30.4 25.8 38.8

39 56.4 45.5 68.3





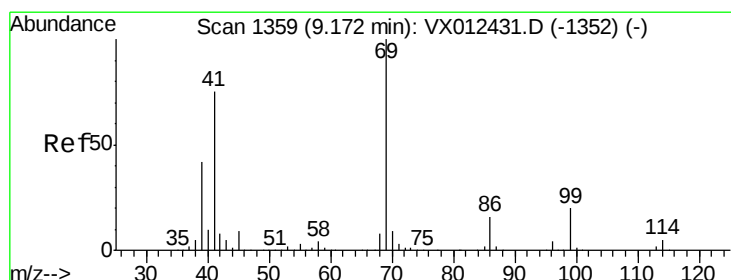
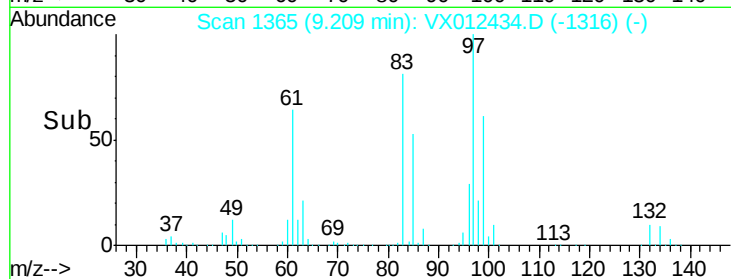
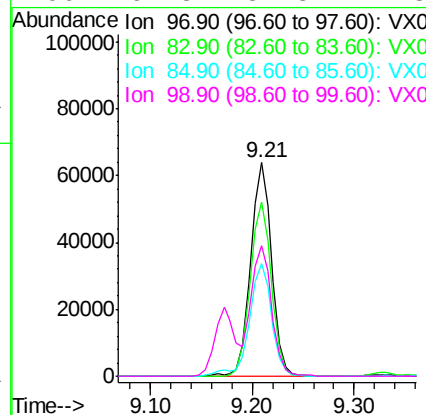
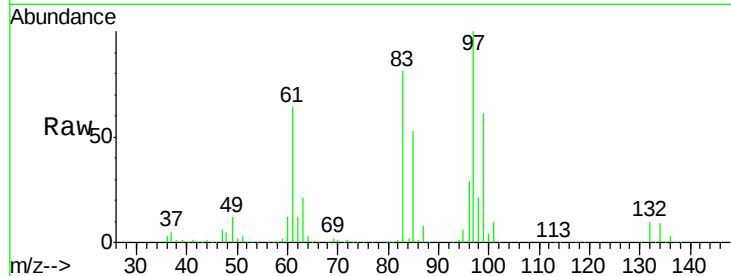
#55
 1,1,2-Trichloroethane
 Concen: 47.406 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012434.D
 Acq: 17 Sep 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091719

Tot Ion:	97	Resp:	91493
Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.4	101.2
85	52.9	43.5	65.3
99	61.3	51.8	77.8

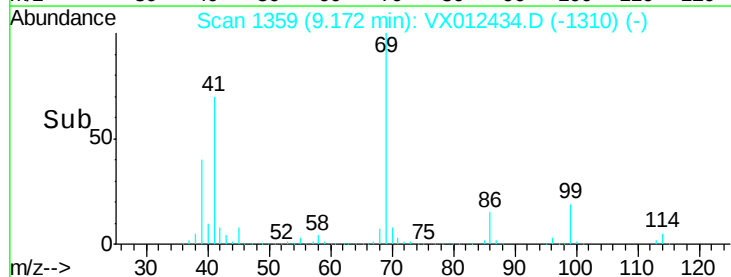
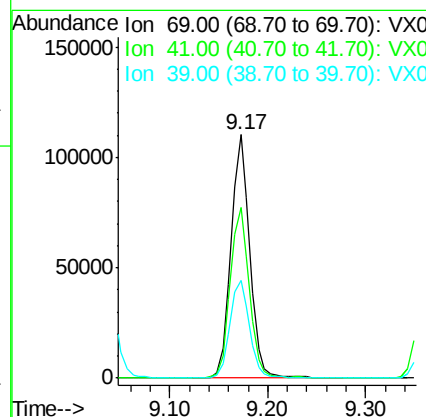
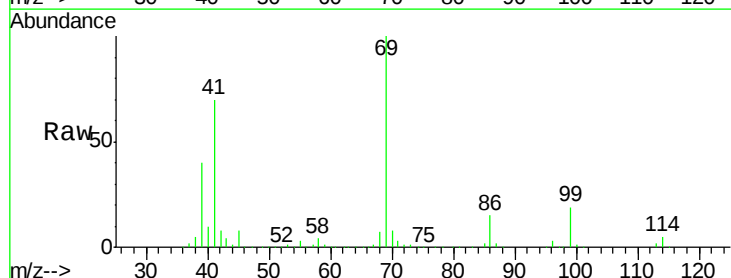
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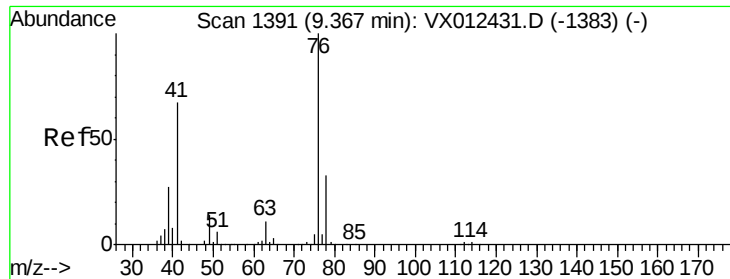
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#56
 Ethyl methacrylate
 Concen: 48.627 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012434.D
 Acq: 17 Sep 2019 15:22

Tgt Ion:	69	Resp:	146734
Ion	Ratio	Lower	Upper
69	100		
41	71.3	58.4	87.6
39	41.6	33.4	50.0





#57

1,3-Dichloropropane

Concen: 47.986 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091719

Tot Ion: 76 Resp: 147766

Ion Ratio Lower Upper

76 100

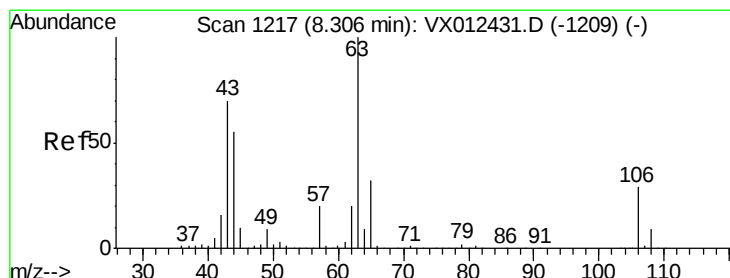
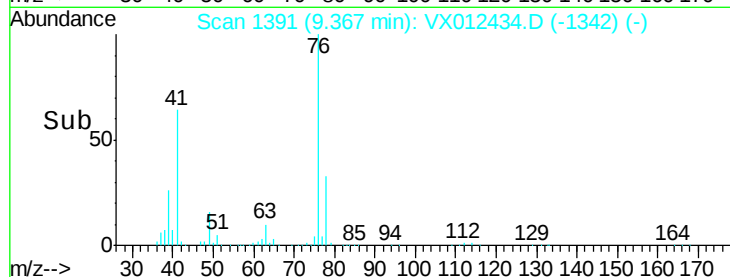
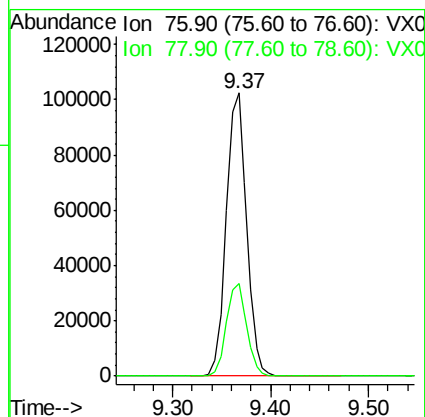
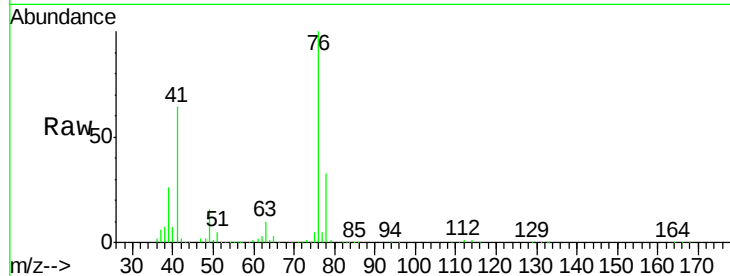
78 32.5 26.2 39.2

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 244.491 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012434.D

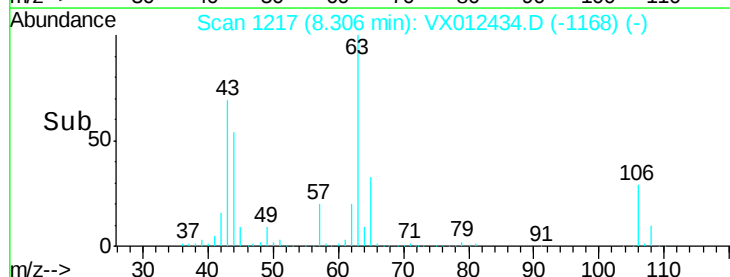
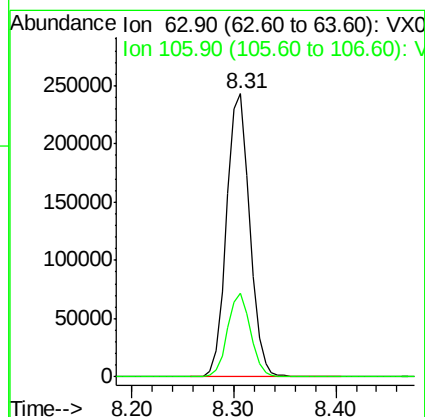
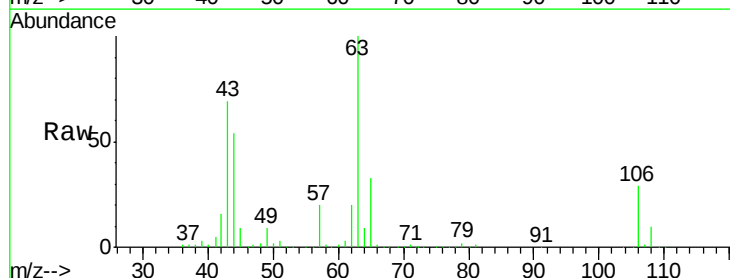
Acq: 17 Sep 2019 15:22

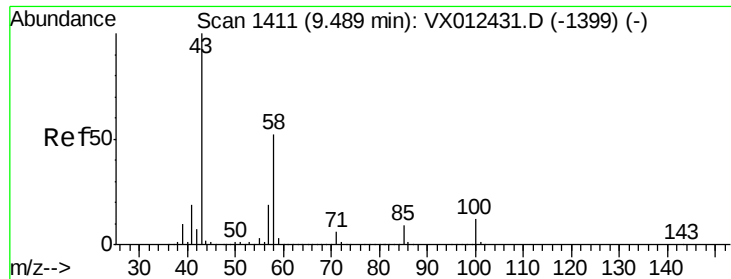
Tgt Ion: 63 Resp: 381895

Ion Ratio Lower Upper

63 100

106 29.3 23.8 35.6





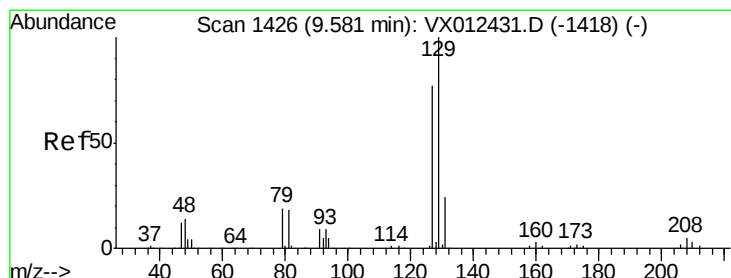
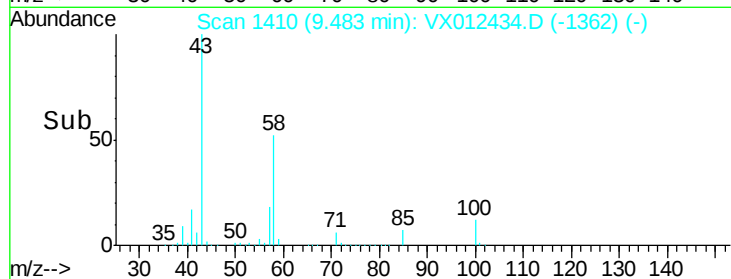
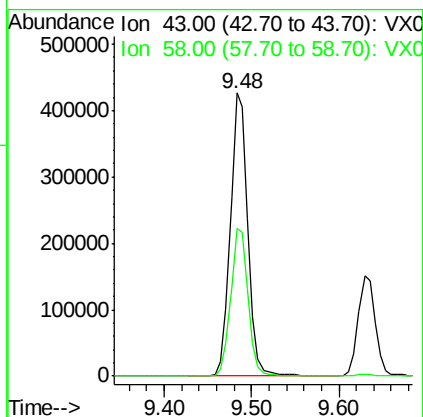
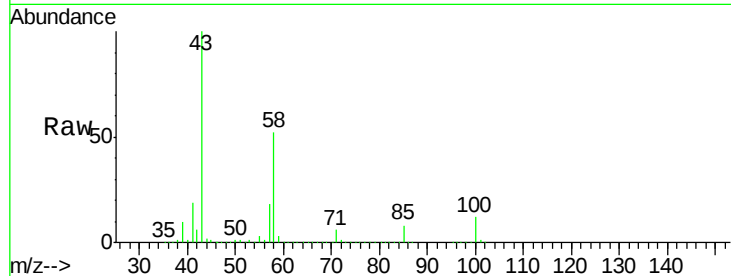
#59
2-Hexanone
Concen: 229.246 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091719

Tot Ion: 43 Resp: 590760
Ion Ratio Lower Upper
43 100
58 52.7 25.7 77.1

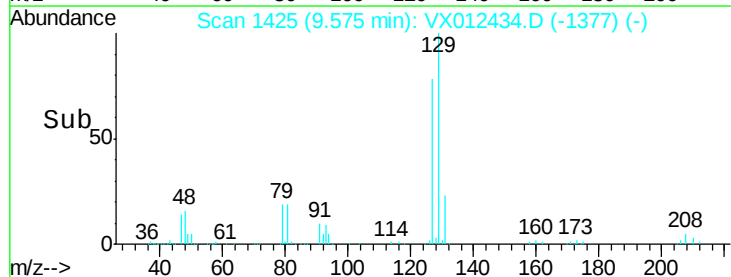
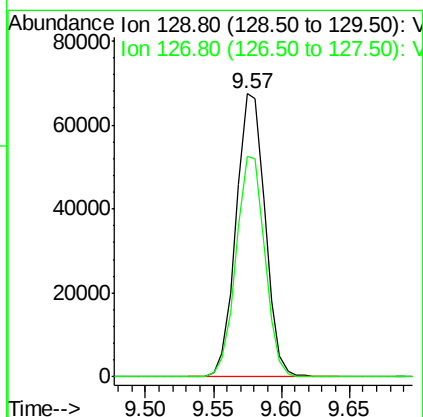
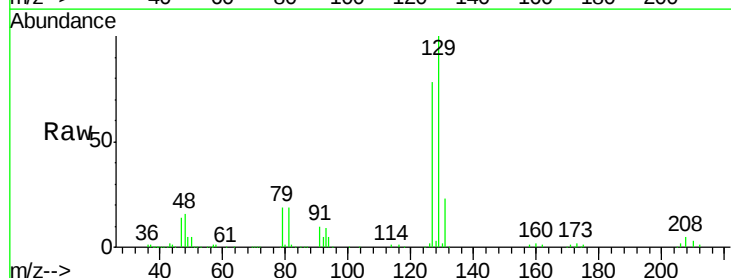
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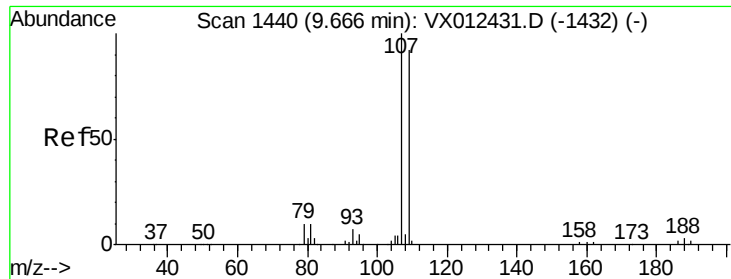
MMDadoda
9/18/2019 11:23:38 AM



#60
Dibromochloromethane
Concen: 50.825 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Tgt Ion: 129 Resp: 99917
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.6





#61

1,2-Dibromoethane

Concen: 49.480 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091719

Tot Ion:107 Resp: 87217

Ion Ratio Lower Upper

107 100

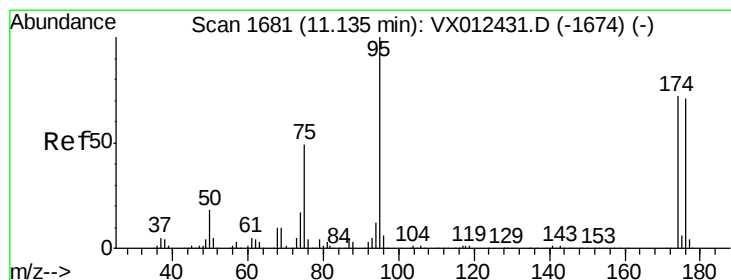
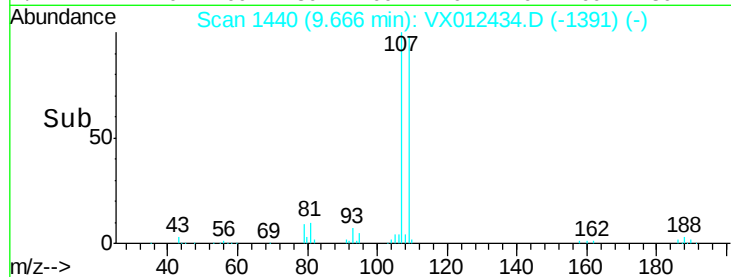
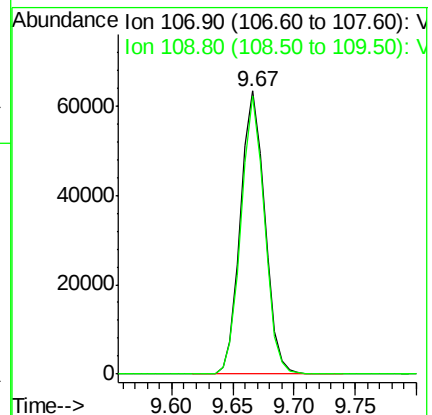
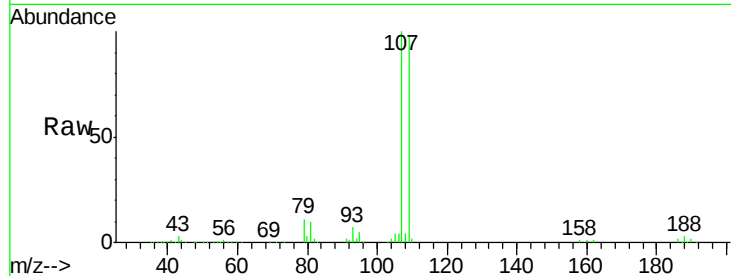
109 94.9 74.7 112.1

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#62

4-Bromofluorobenzene

Concen: 48.588 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

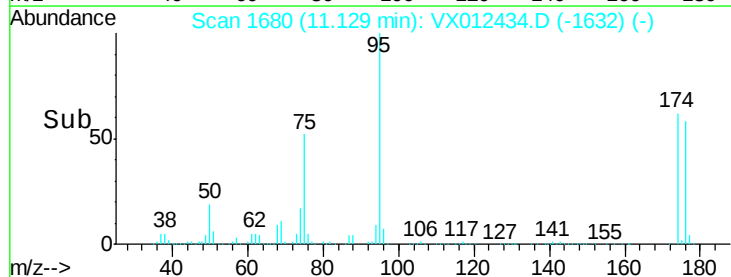
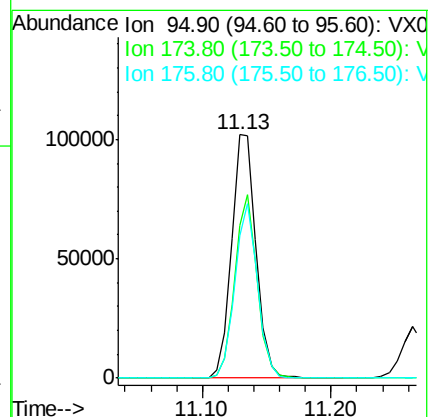
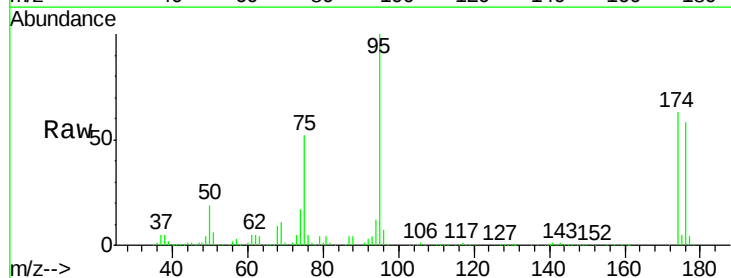
Tgt Ion: 95 Resp: 135960

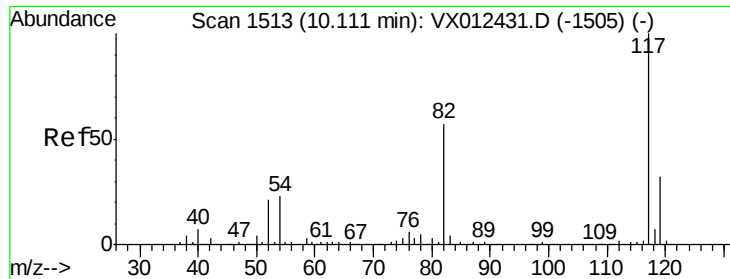
Ion Ratio Lower Upper

95 100

174 68.8 0.0 140.0

176 66.5 0.0 135.4





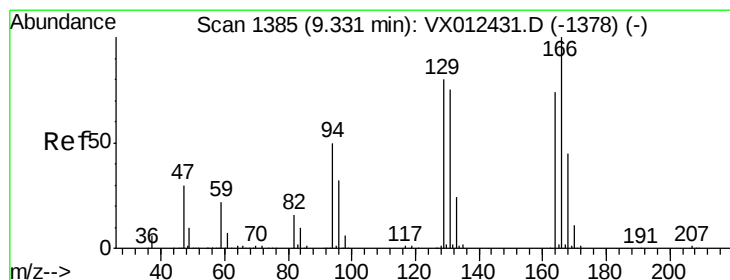
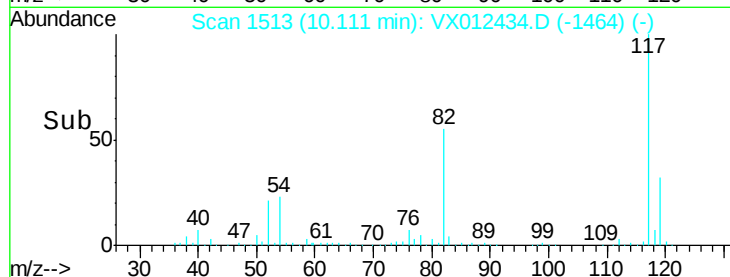
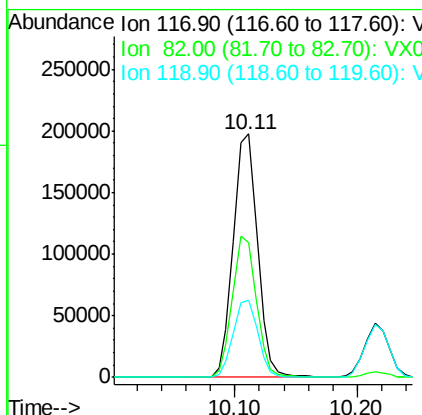
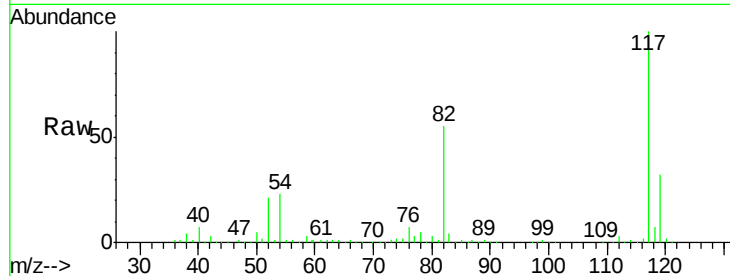
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091719

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.9	68.9
119	31.7	25.3	37.9

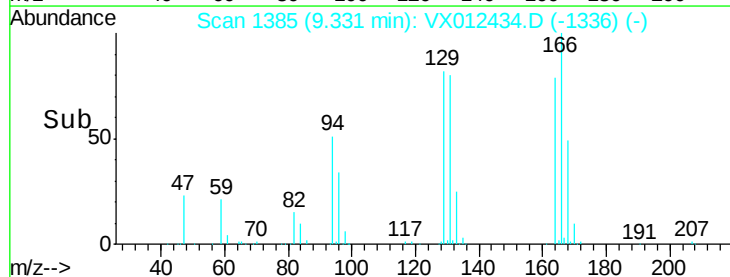
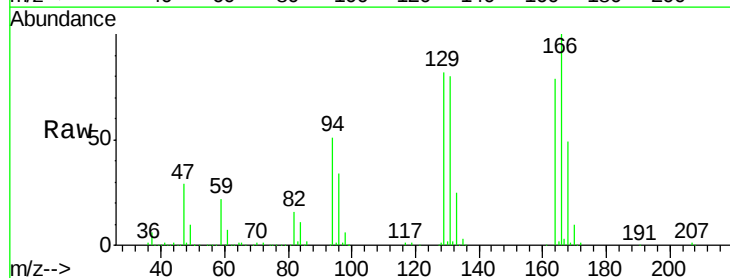
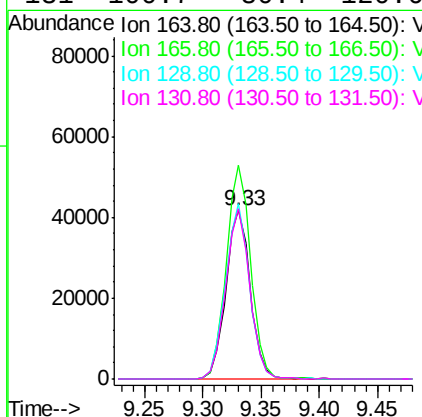
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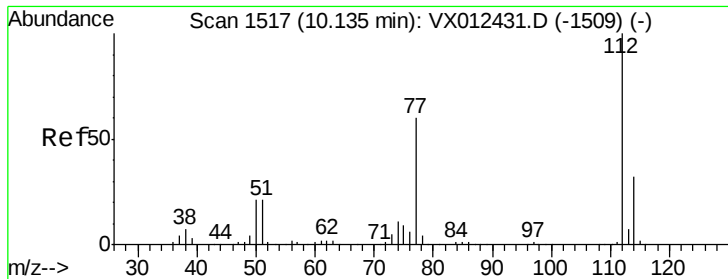
MMDadoda
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#64
Tetrachloroethene
Concen: 48.565 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	107.8	161.6
129	103.7	86.2	129.2
131	100.7	80.4	120.6





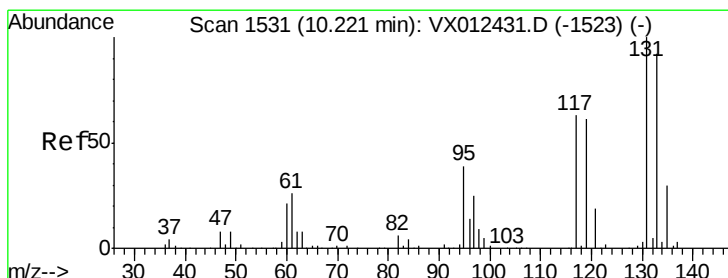
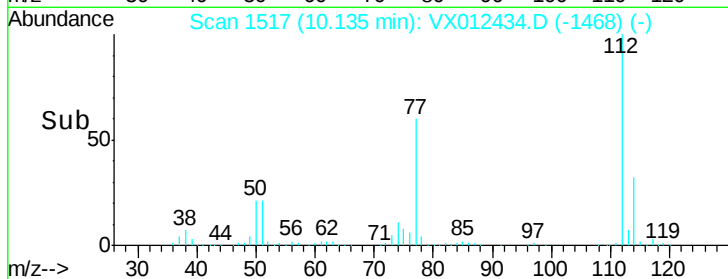
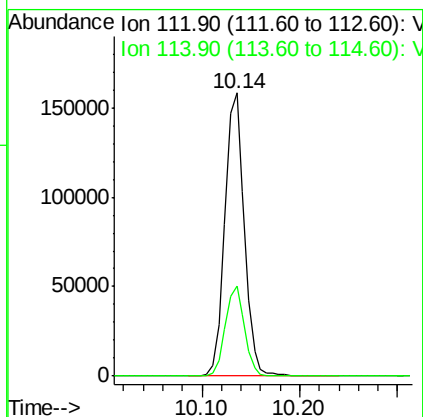
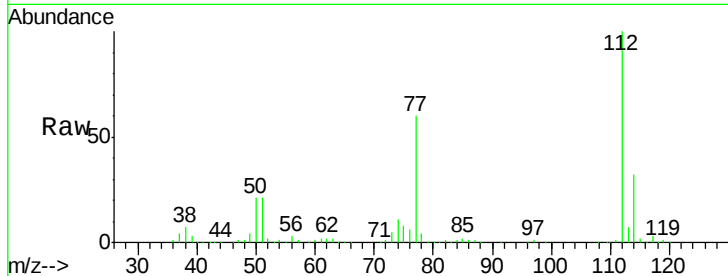
#65
Chlorobenzene
Concen: 48.642 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091719

Tot Ion:112 Resp: 217977
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

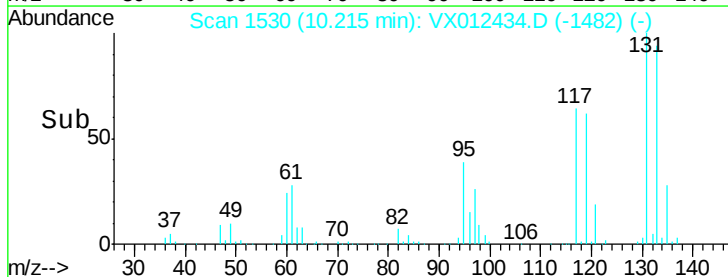
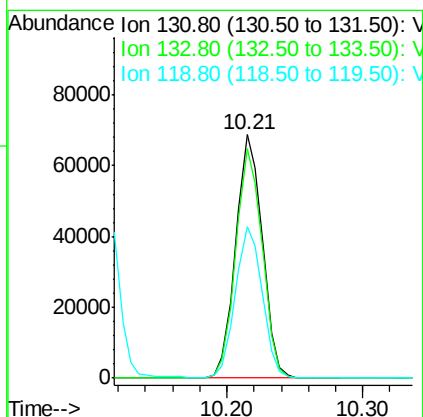
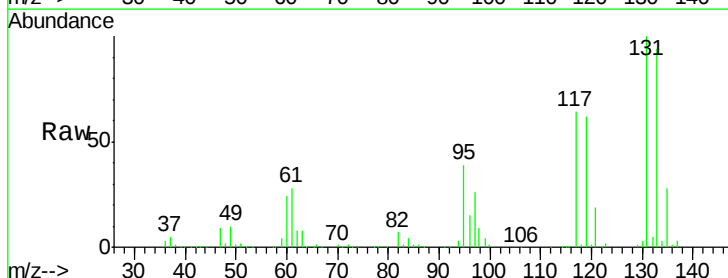
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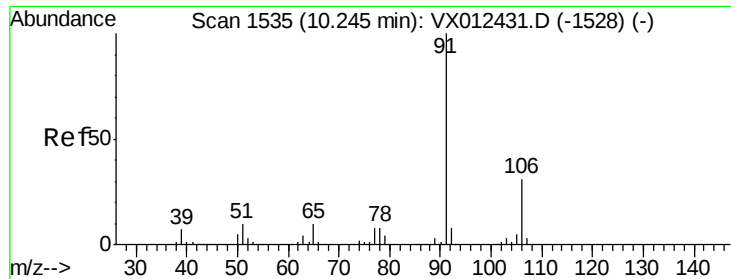
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.435 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Tgt Ion:131 Resp: 93800
Ion Ratio Lower Upper
131 100
133 93.8 47.6 142.9
119 62.9 31.3 93.8





#67

Ethyl Benzene

Concen: 49.476 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

ICVX091719

Tot Ion: 91 Resp: 380920

Ion Ratio Lower Upper

91 100

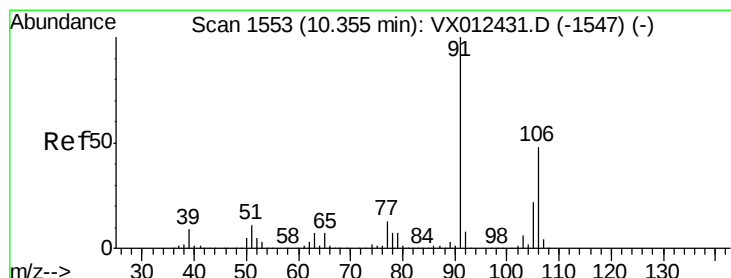
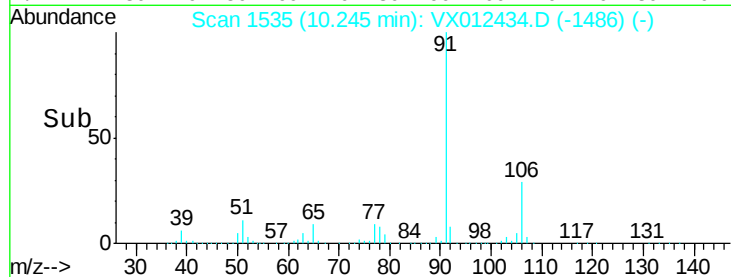
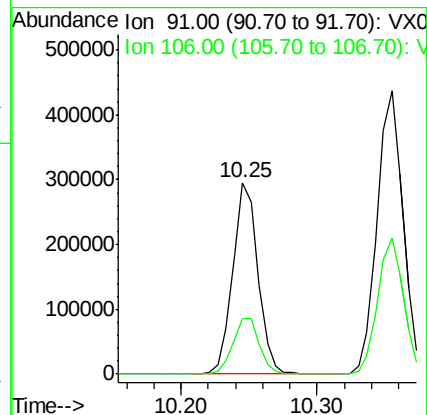
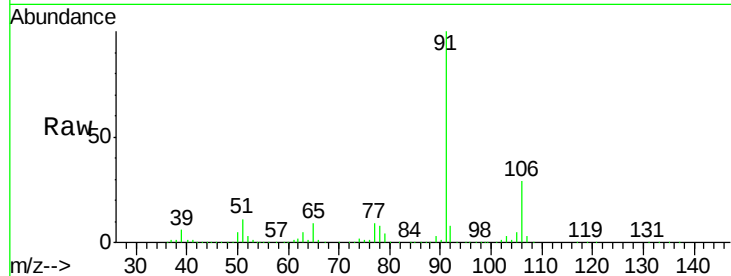
106 29.1 24.6 37.0

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#68

m/p-Xylenes

Concen: 99.711 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012434.D

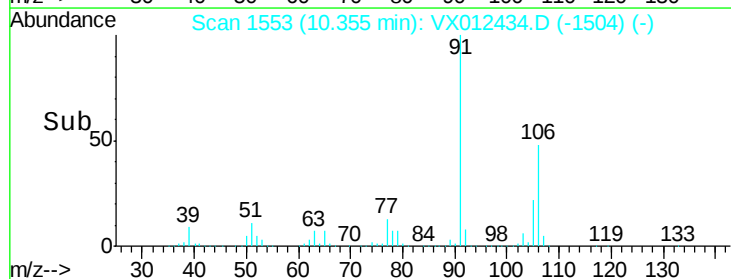
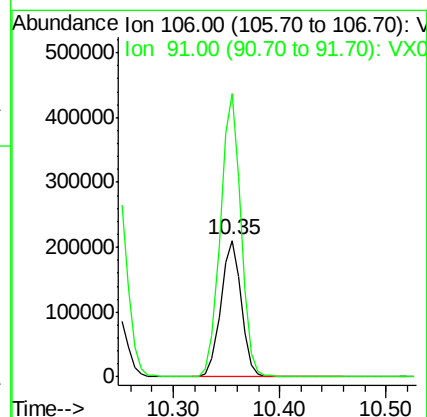
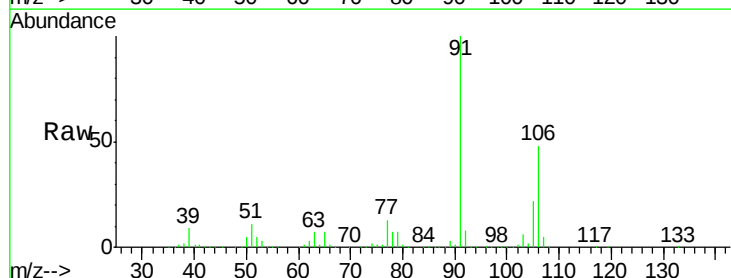
Acq: 17 Sep 2019 15:22

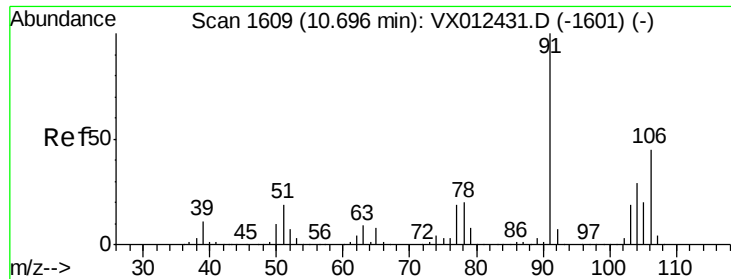
Tgt Ion: 106 Resp: 279320

Ion Ratio Lower Upper

106 100

91 208.0 166.6 250.0





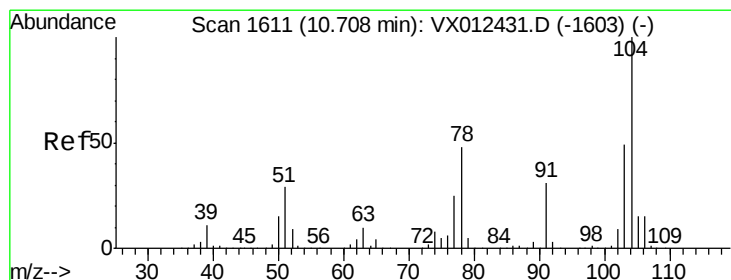
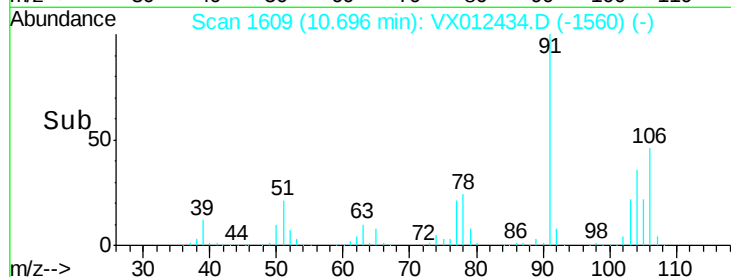
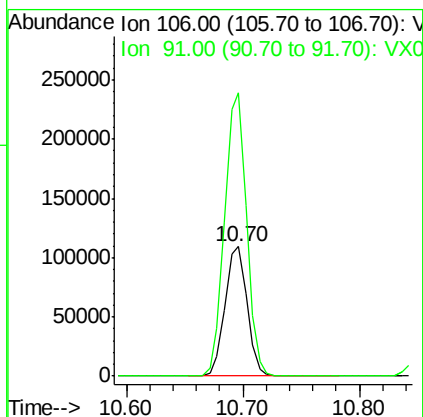
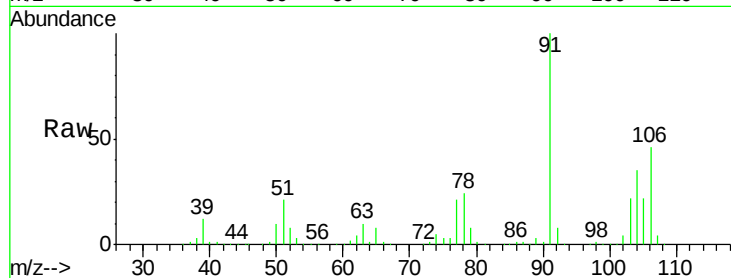
#69
o-Xylene
Concen: 49.927 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091719

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	217.9	109.4	328.2		

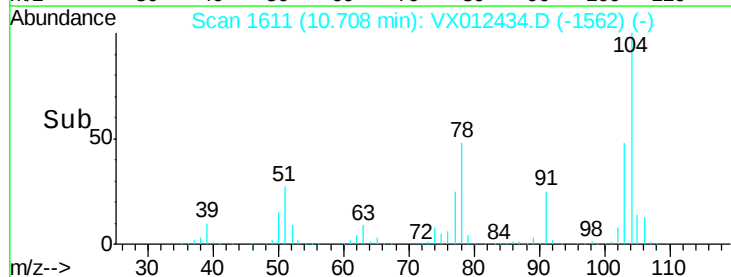
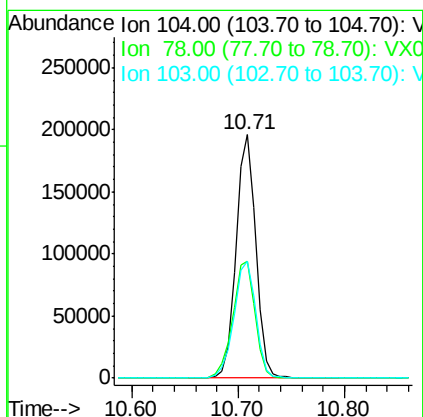
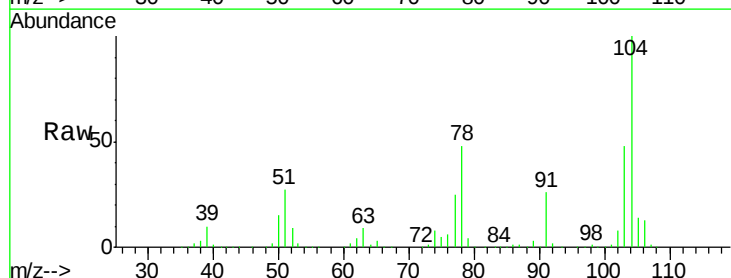
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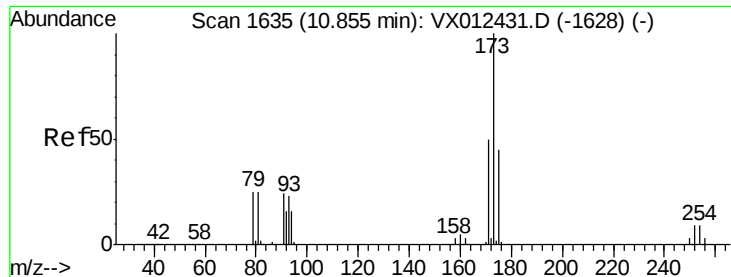
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#70
Styrene
Concen: 50.252 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	54.2	43.4	65.2		
103	53.4	43.3	64.9		





#71

Bromoform

Concen: 43.217 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091719

Tot Ion:173 Resp: 68543

Ion Ratio Lower Upper

173 100

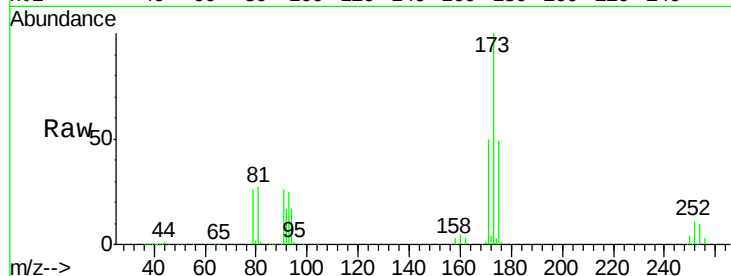
175 48.8 23.7 71.1

254 0.1 0.1 0.1#

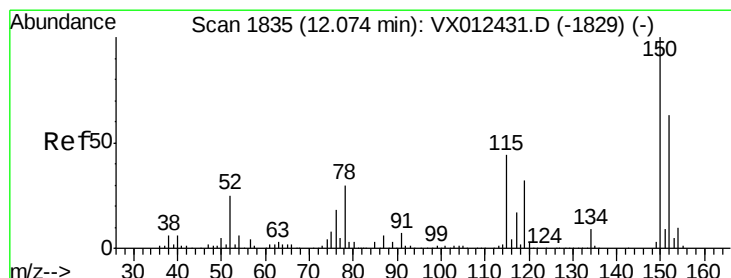
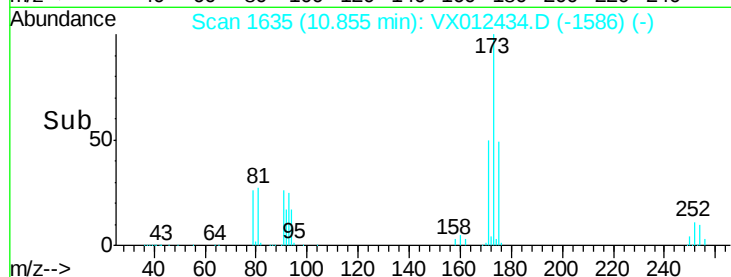
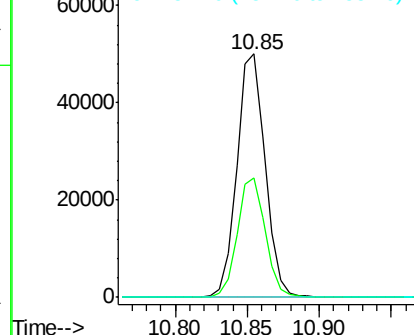
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

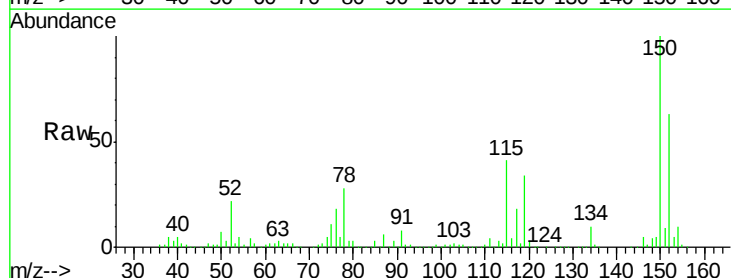
Tgt Ion:152 Resp: 135127

Ion Ratio Lower Upper

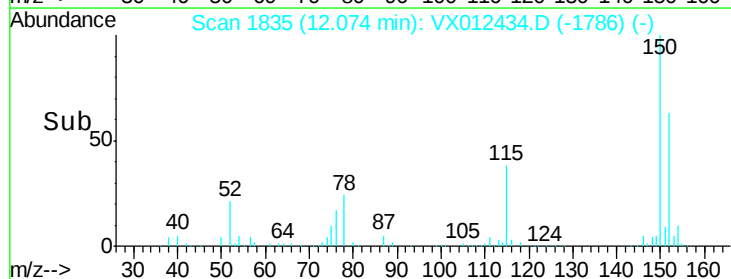
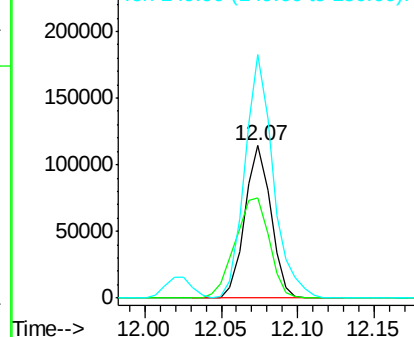
152 100

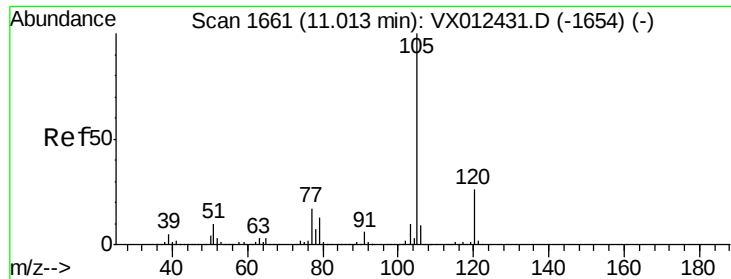
115 85.9 44.1 132.3

150 172.6 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.777 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091719

Tot Ion:105 Resp: 405073

Ion Ratio Lower Upper

105 100

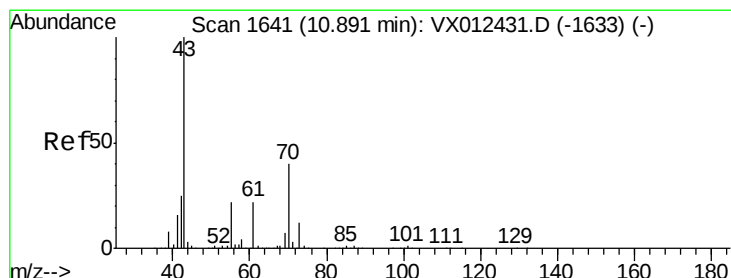
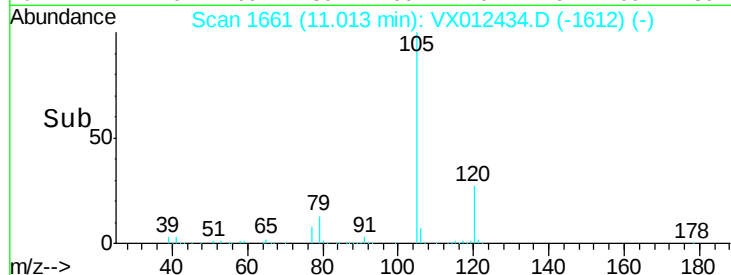
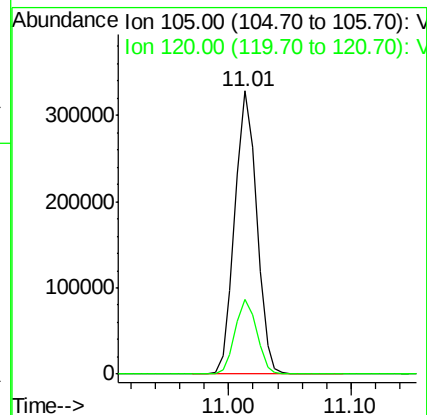
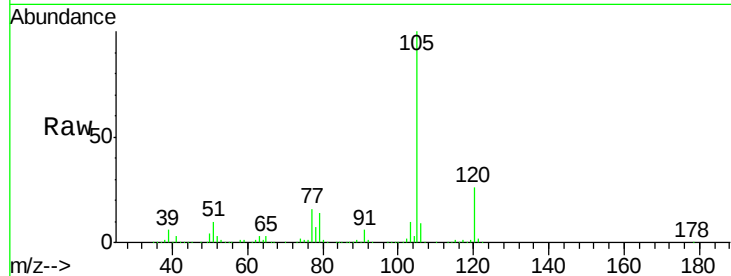
120 26.1 12.9 38.7

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#74

N-ethyl acetate

Concen: 47.376 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Tgt Ion: 43 Resp: 216253

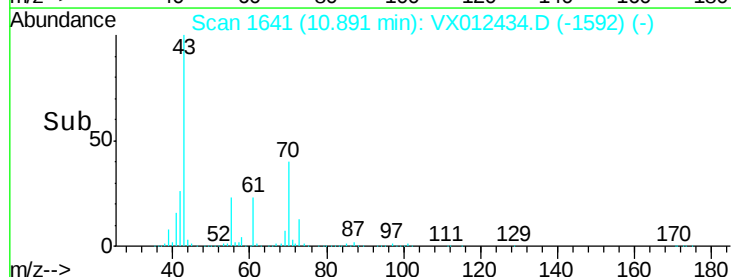
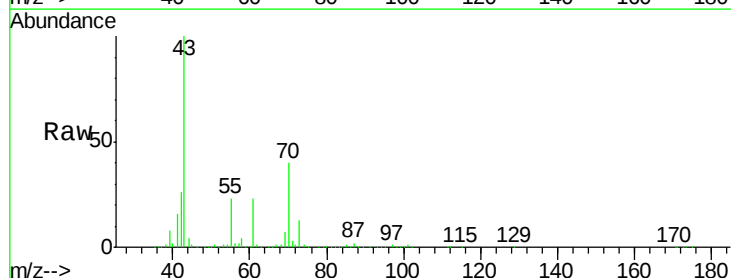
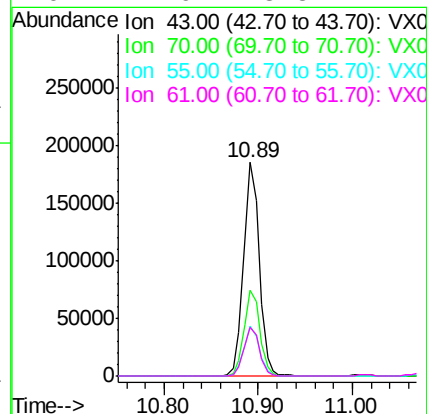
Ion Ratio Lower Upper

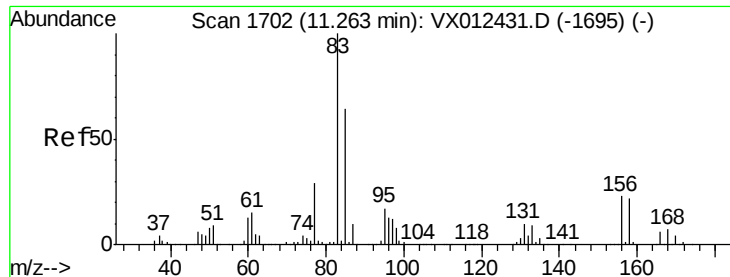
43 100

70 40.6 32.4 48.6

55 23.3 18.2 27.4

61 22.9 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 45.500 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Instrument :

MSVOA_X

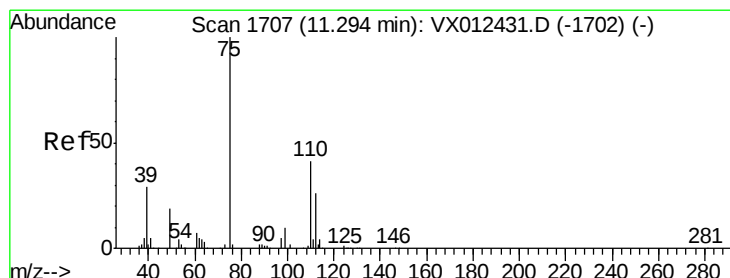
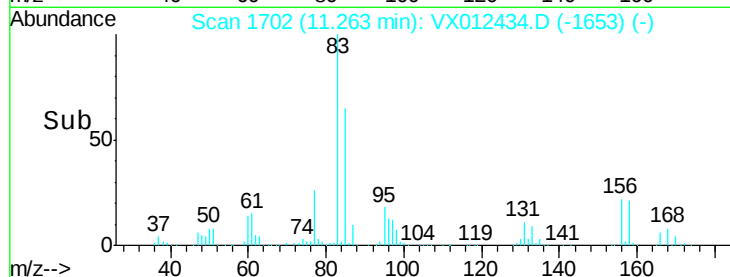
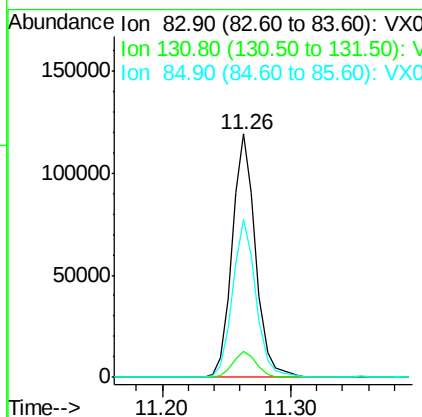
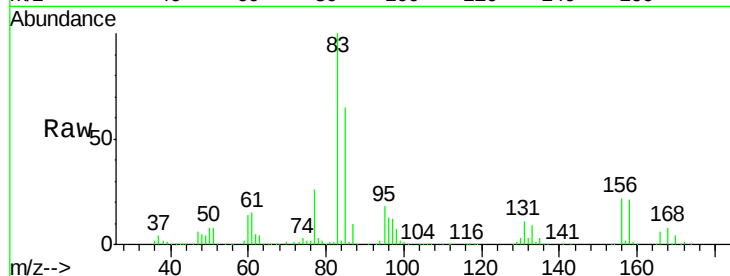
ClientSampleId :

ICVVX091719

Tot Ion:	83	Resp:	151326
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.2	15.6
85	64.9	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.320 ug/l m

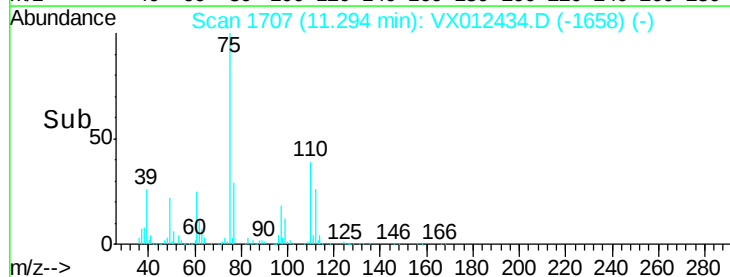
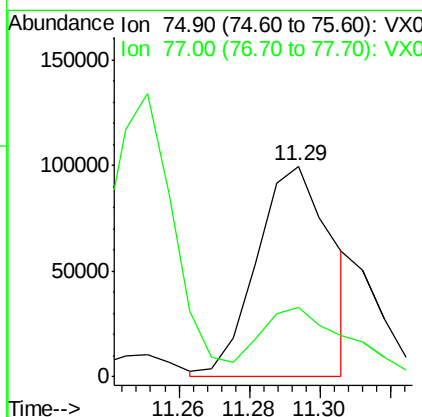
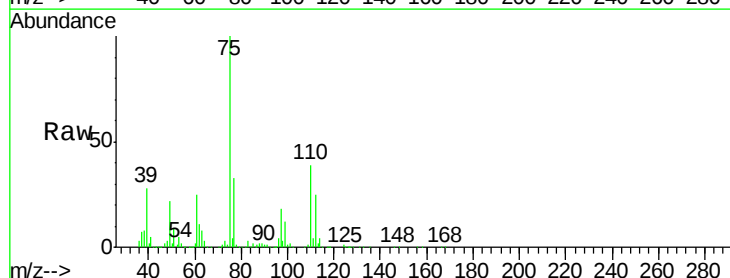
RT: 11.29 min Scan# 1707

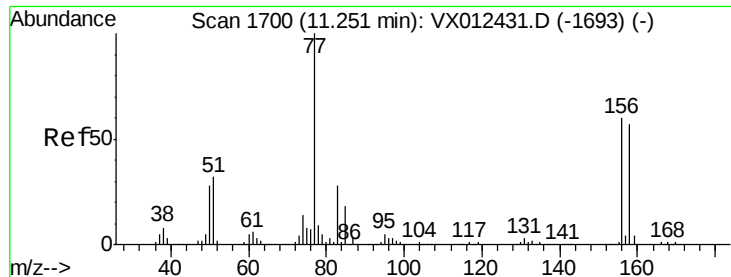
Delta R.T. 0.00 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Tgt Ion:	75	Resp:	146879
Ion Ratio	Lower	Upper	
75	100		
77	38.5	19.7	59.0





#77

Bromobenzene

Concen: 47.628 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Instrument :

MSVOA_X

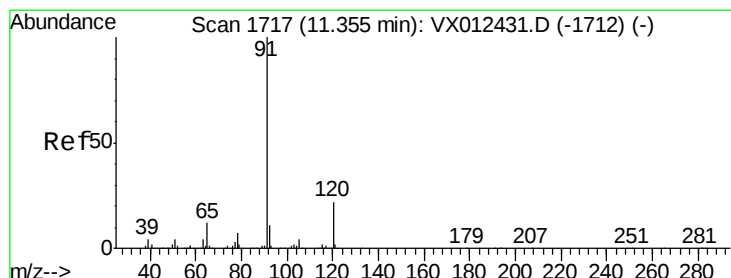
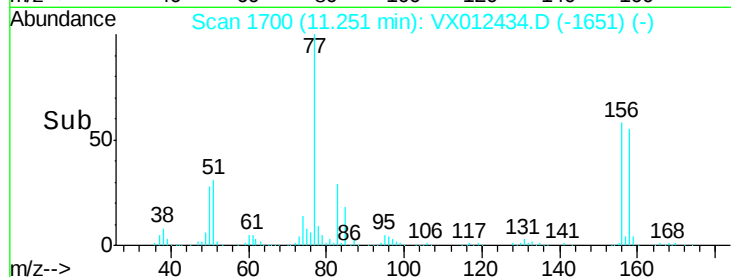
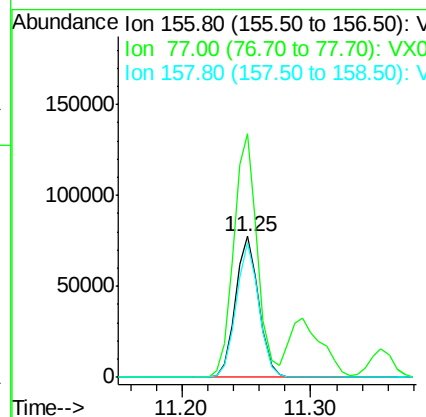
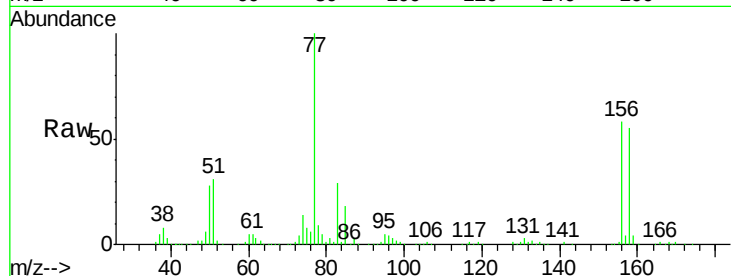
ClientSampleId :

ICVVX091719

Tot Ion	156	Resp	98481
Ion	Ratio	Lower	Upper
156	100		
77	174.7	87.3	261.8
158	93.3	48.5	145.6

Manual Integrations
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MMDadoda
9/18/2019 11:23:38 AM



#78

n-propylbenzene

Concen: 49.886 ug/l

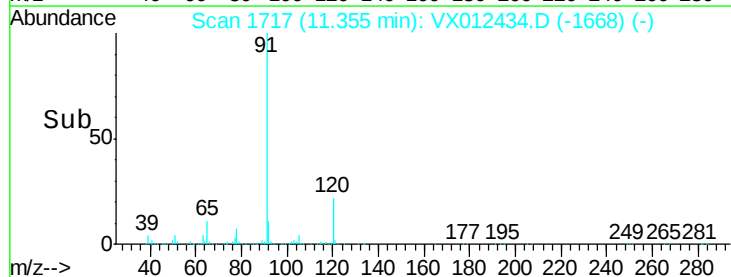
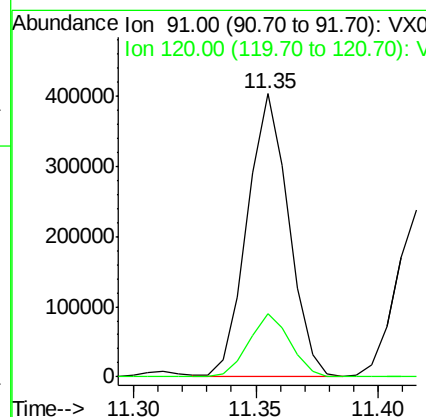
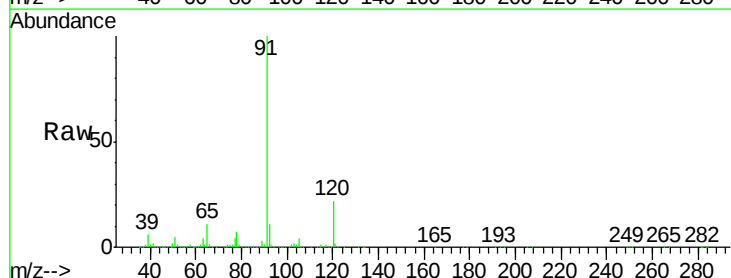
RT: 11.35 min Scan# 1717

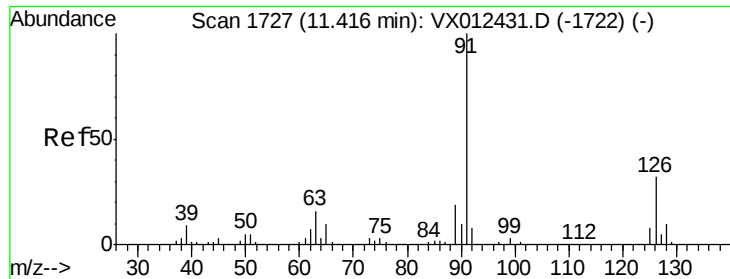
Delta R.T. 0.00 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Tgt Ion	91	Resp	471397
Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.3	33.8





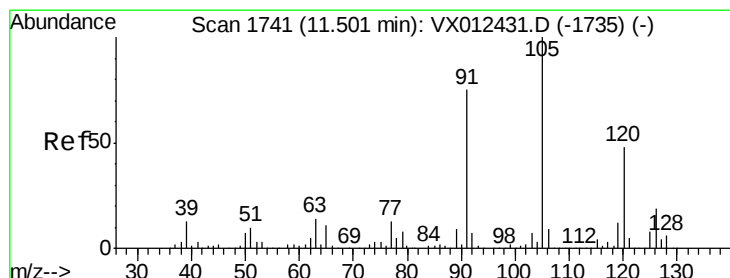
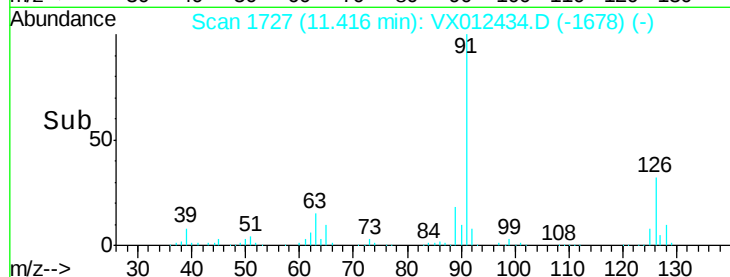
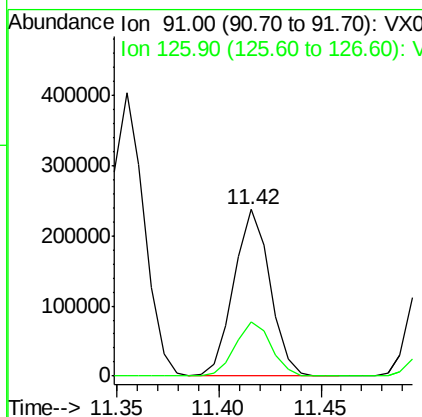
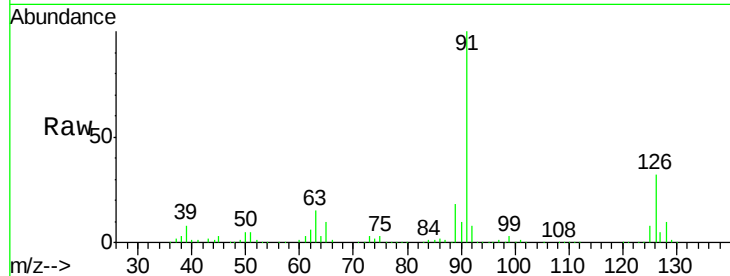
#79
 2-Chlorotoluene
 Concen: 47.260 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012434.D
 Acq: 17 Sep 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091719

Tot Ion: 91 Resp: 290528
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.4 49.4

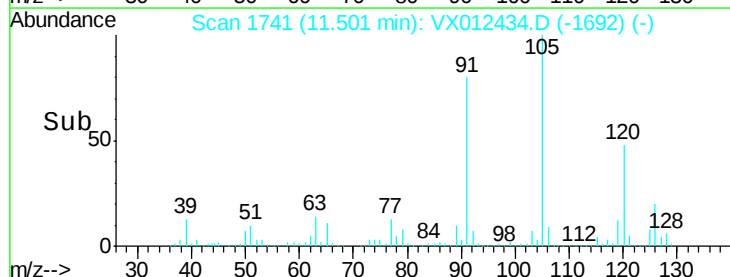
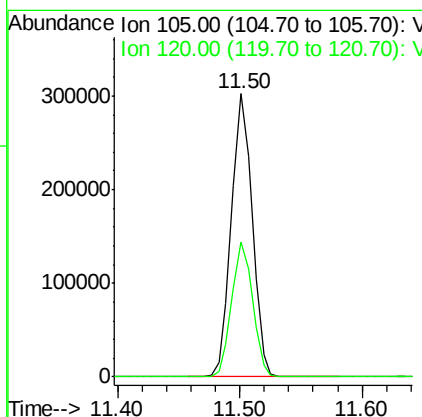
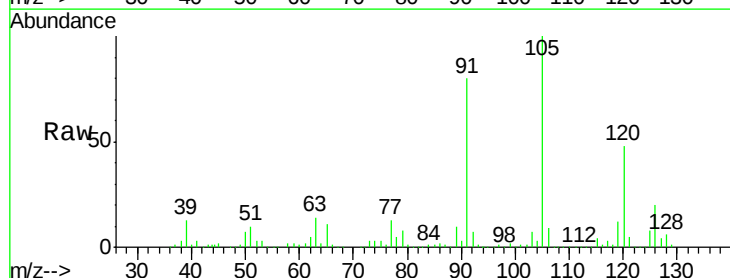
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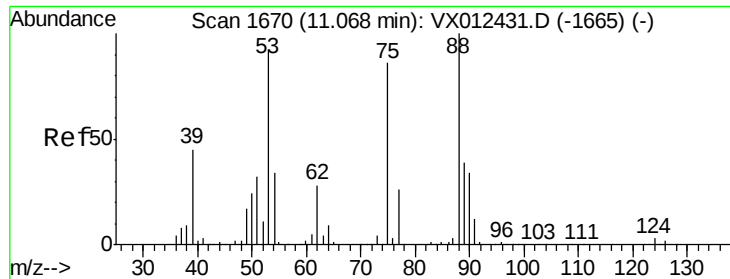
MMDadoda
 9/18/2019 11:23:38 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 49.247 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012434.D
 Acq: 17 Sep 2019 15:22

Tgt Ion: 105 Resp: 356094
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.3 72.8





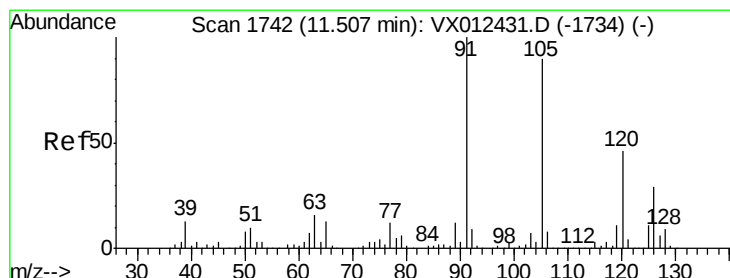
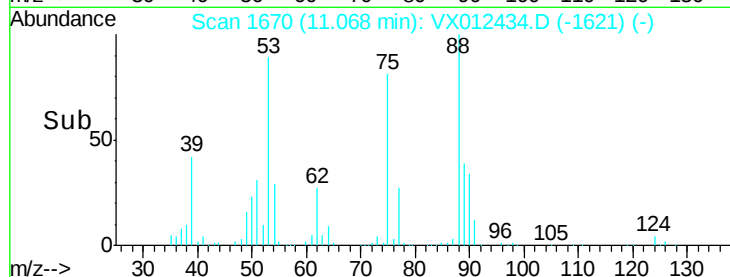
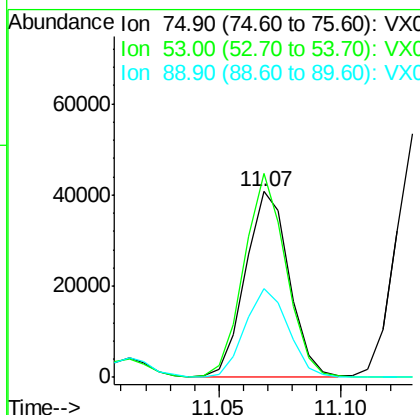
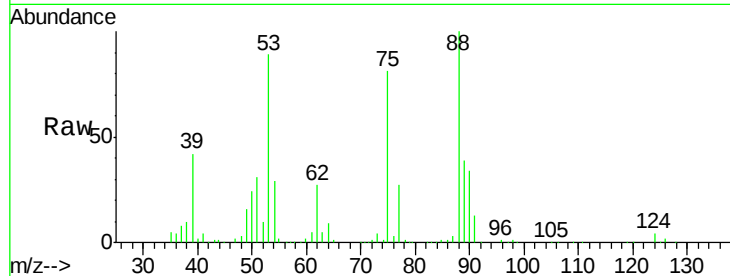
#81
trans-1,4-Dichloro-2-butene
Concen: 44.701 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091719

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.4	83.6	125.4
89	48.2	36.3	54.5

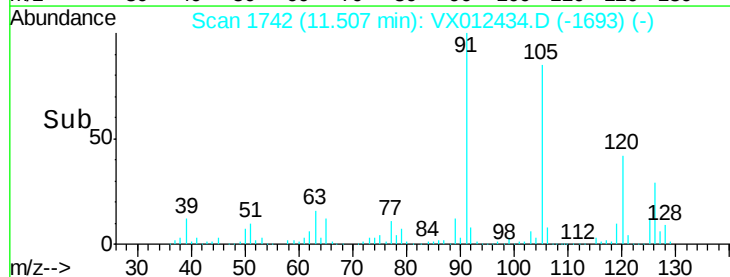
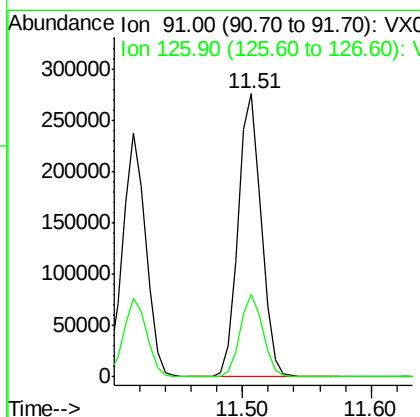
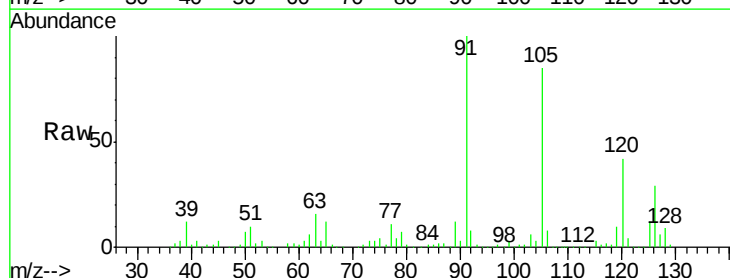
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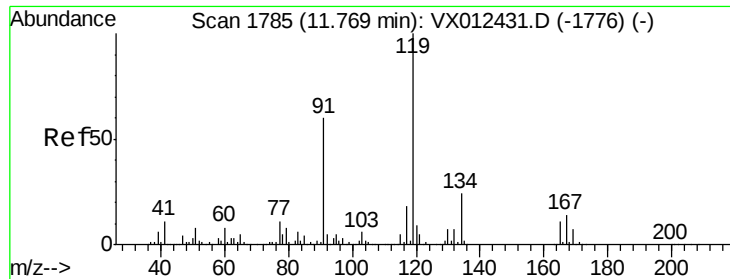
MMDadoda
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#82
4-Chlorotoluene
Concen: 48.866 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.4	43.0





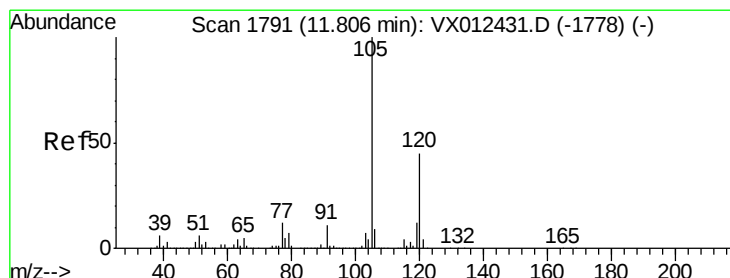
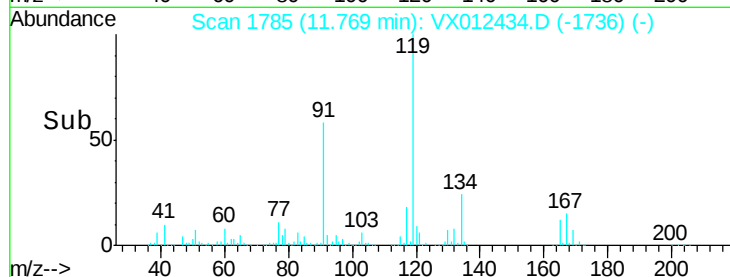
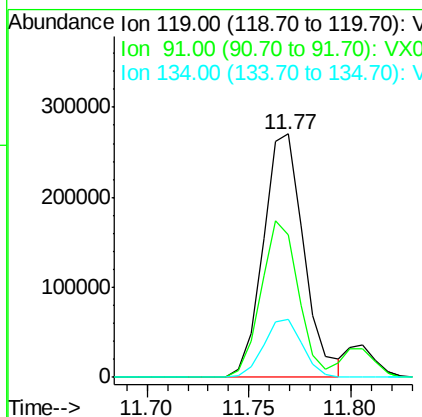
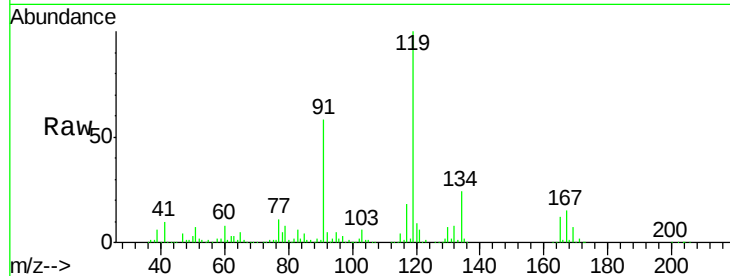
#83
tert-Butylbenzene
Concen: 48.484 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091719

Tot Ion	Ratio	Resp	Lower	Upper
119	100	375659		
91	59.1	30.0	90.0	
134	22.7	11.3	33.9	

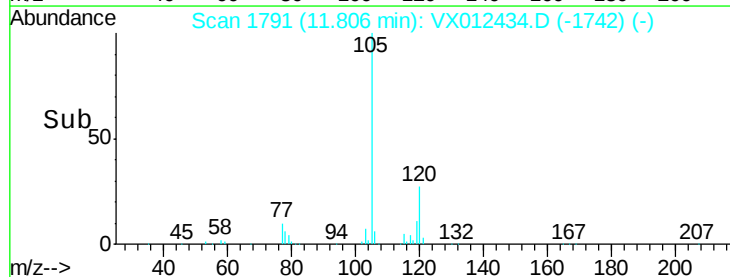
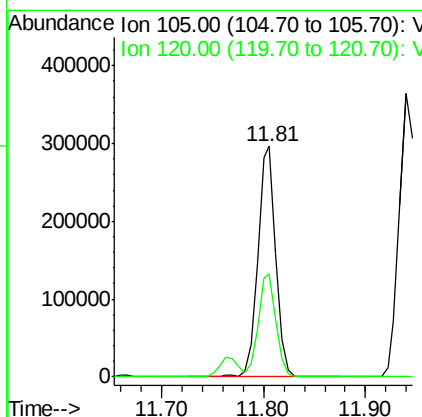
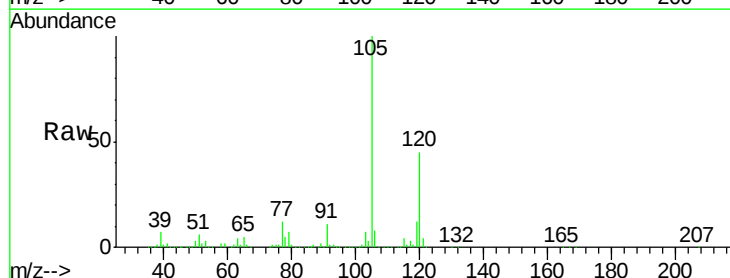
Manual Integrations
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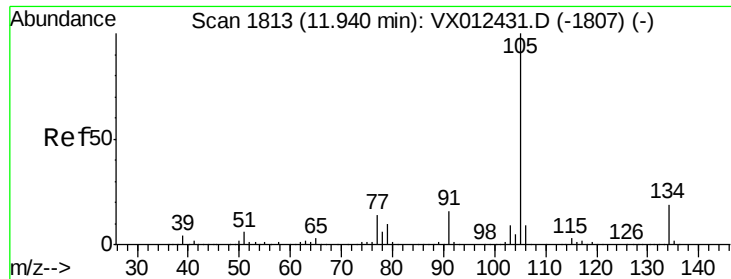
MMDadoda
9/18/2019 11:23:38 AM



#84
1,2,4-Trimethylbenzene
Concen: 49.346 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	366358		
120	44.2	22.2	66.6	





#85

sec-Butylbenzene

Concen: 50.411 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091719

Tot Ion:105 Resp: 430396

Ion Ratio Lower Upper

105 100

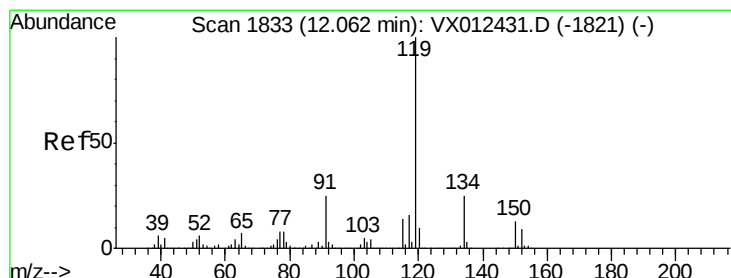
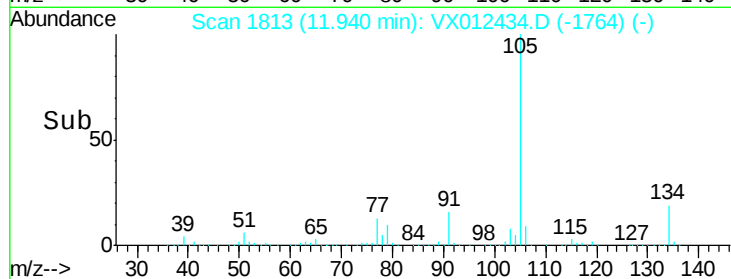
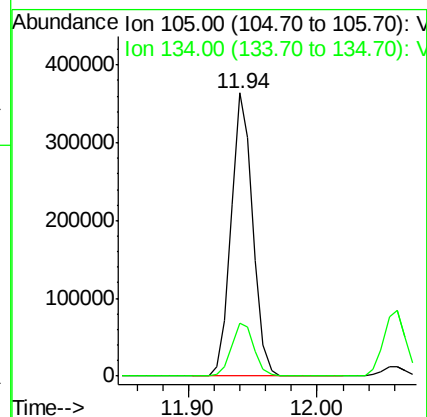
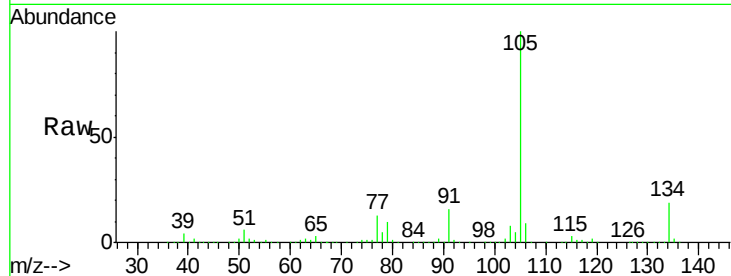
134 19.6 9.8 29.4

Manual Integrations

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9/18/2019 11:23:38 AM



#86

p-Isopropyltoluene

Concen: 50.343 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

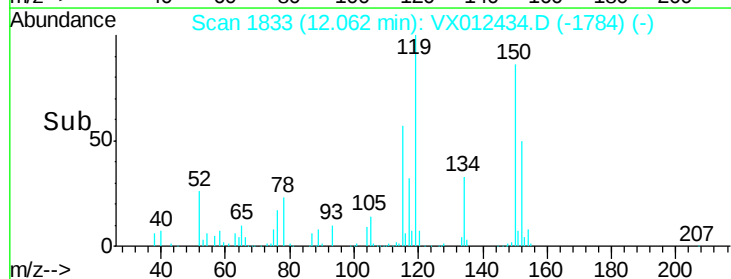
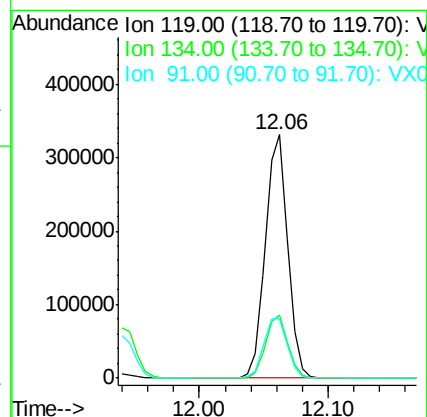
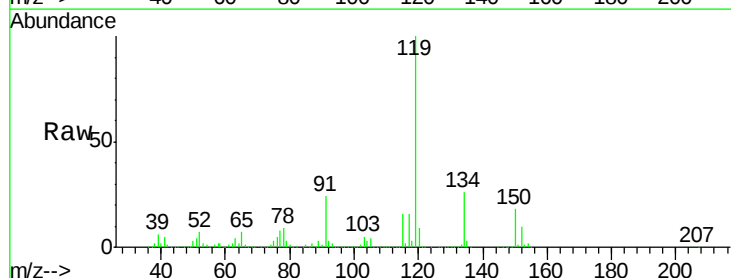
Tgt Ion:119 Resp: 394679

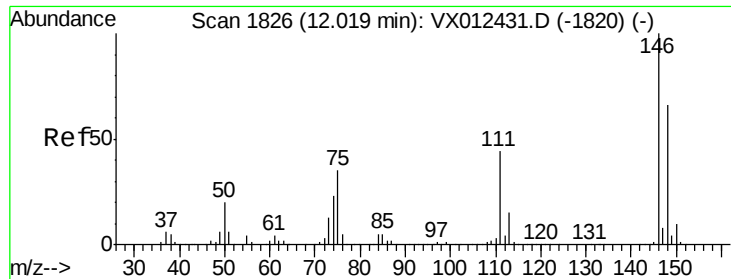
Ion Ratio Lower Upper

119 100

134 25.8 12.7 38.1

91 25.9 12.8 38.4





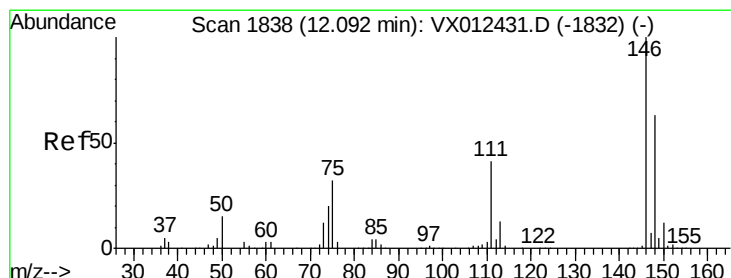
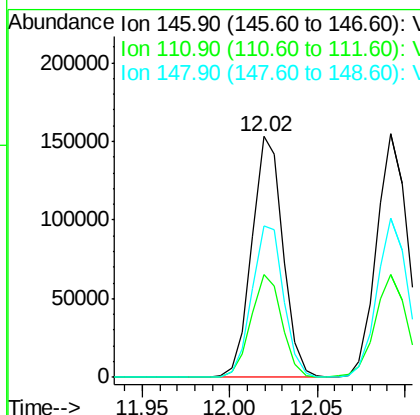
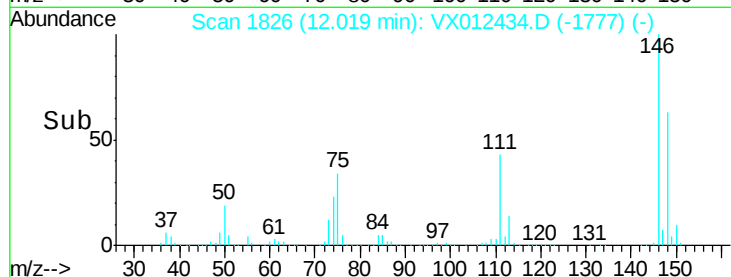
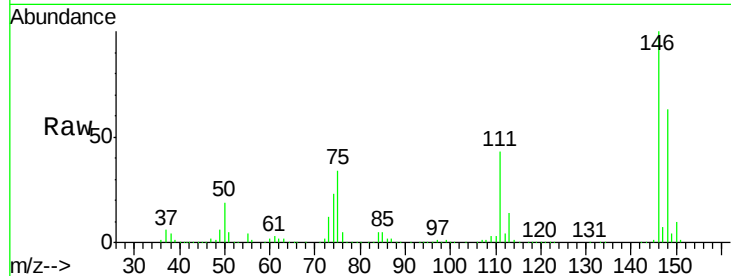
#87
 1,3-Dichlorobenzene
 Concen: 48.975 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012434.D
 Acq: 17 Sep 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091719

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.3	64.0
148	64.2	32.4	97.2

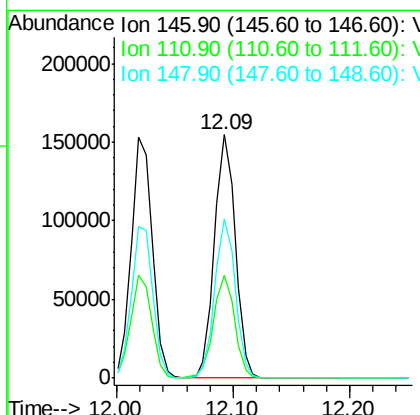
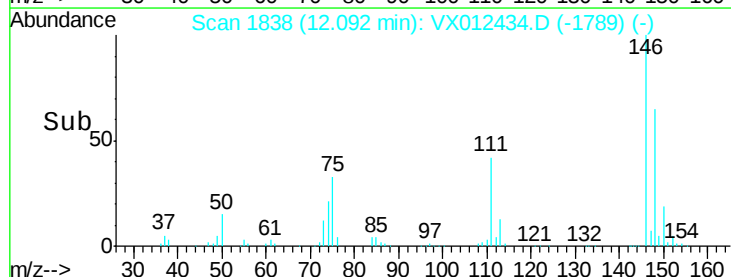
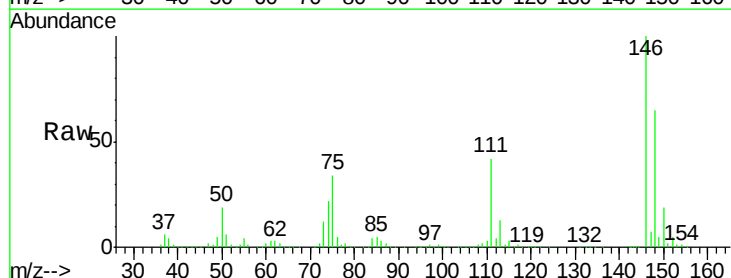
Manual Integrations
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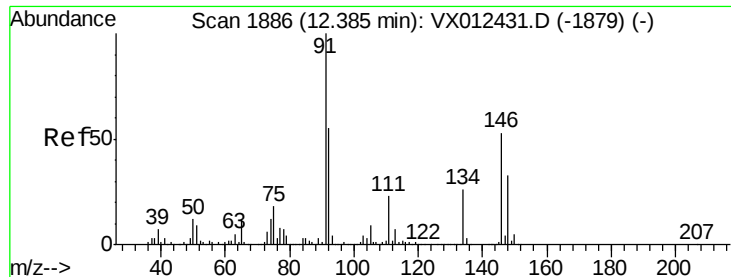
MMDadoda
 9/18/2019 11:23:38 AM



#88
 1,4-Dichlorobenzene
 Concen: 47.832 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012434.D
 Acq: 17 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.1	63.3
148	64.7	32.1	96.5





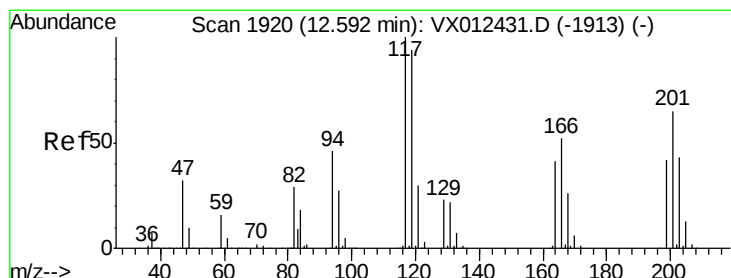
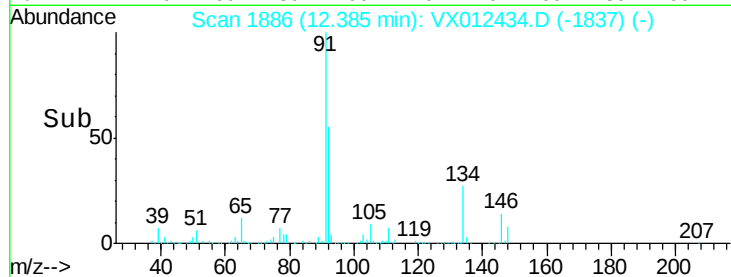
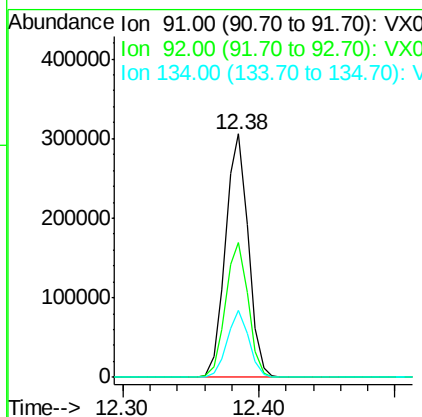
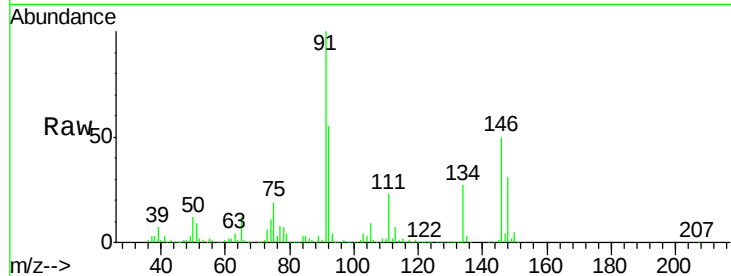
#89
n-Butylbenzene
Concen: 50.647 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091719

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.7	83.0
134	26.2	12.9	38.6

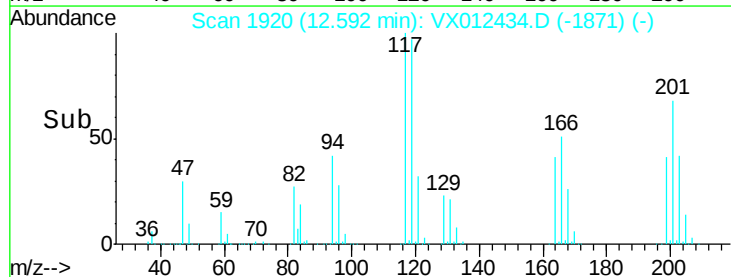
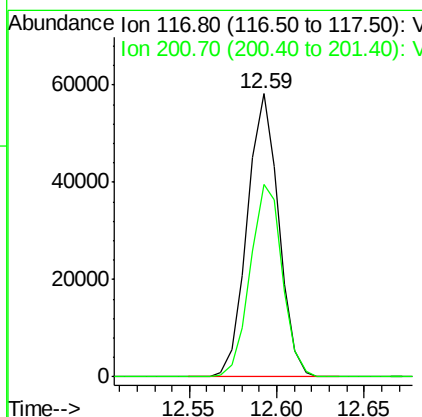
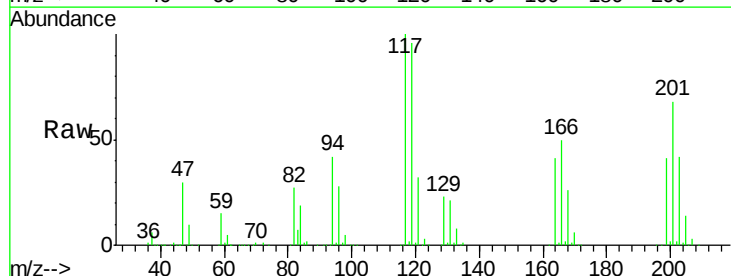
Manual Integrations
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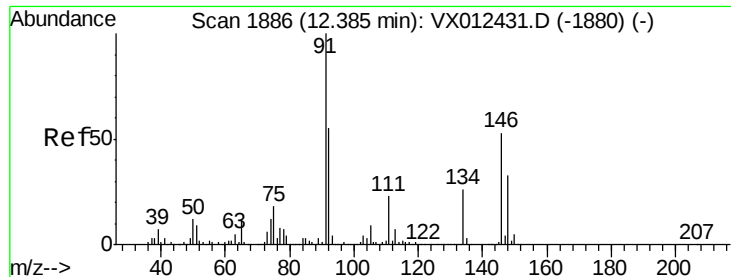
MMDadoda
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#90
Hexachloroethane
Concen: 50.788 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.6	33.3	99.8





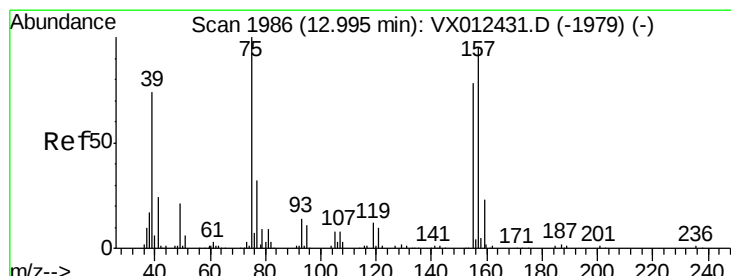
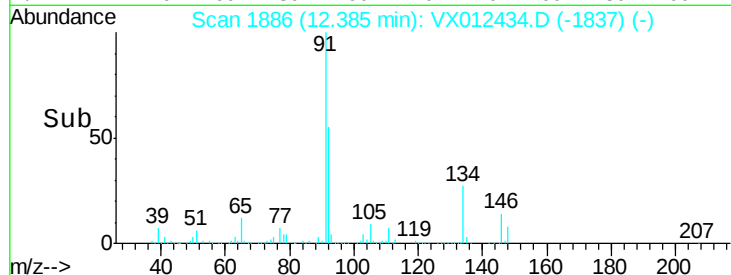
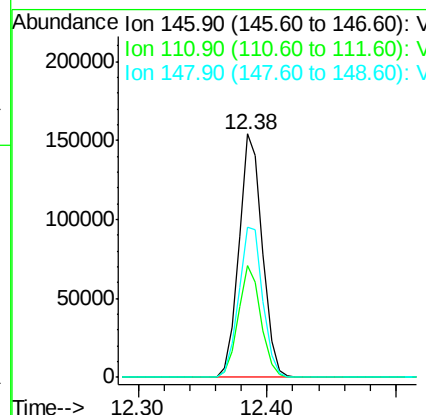
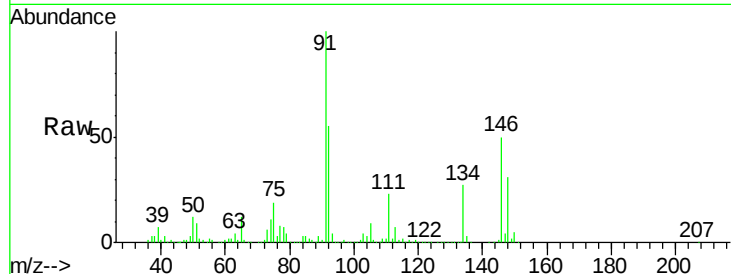
#91
 1,2-Dichlorobenzene
 Concen: 47.689 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012434.D
 Acq: 17 Sep 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091719

Tot Ion	Ratio	Resp	Lower	Upper
146	100	193870		
111	44.7	22.1	66.1	
148	63.7	31.3	93.9	

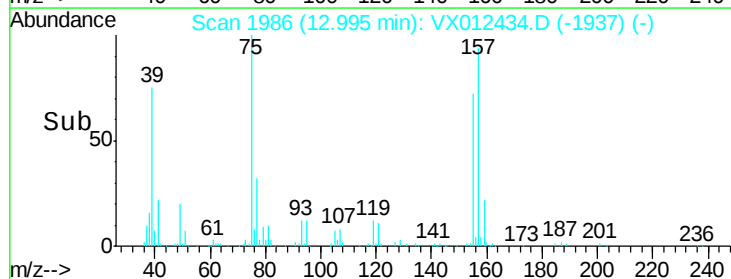
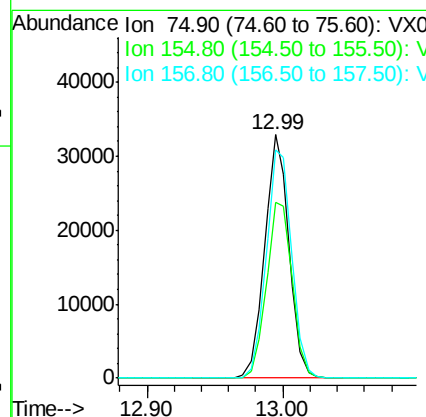
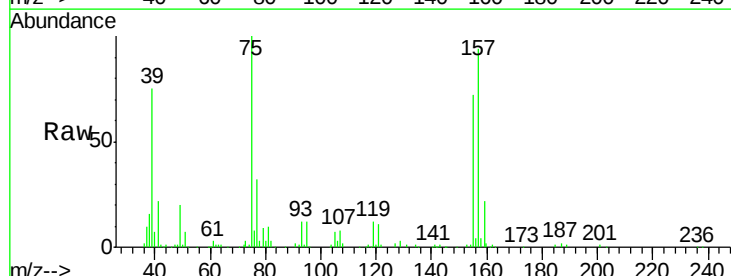
Manual Integrations
 APPROVED

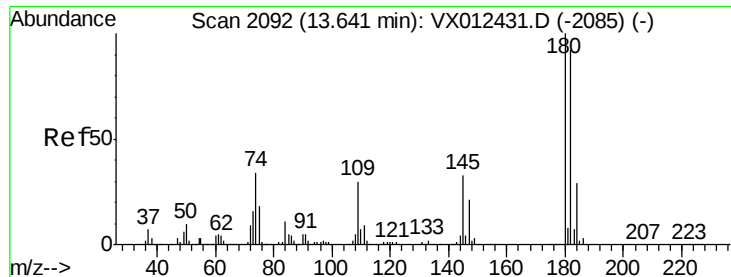
MMDadoda
 9/18/2019 11:23:38 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.665 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012434.D
 Acq: 17 Sep 2019 15:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	41099		
155	76.8	38.6	115.8	
157	98.1	50.6	151.9	





#93

1,2,4-Trichlorobenzene

Concen: 51.893 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Instrument :

MSVOA_X

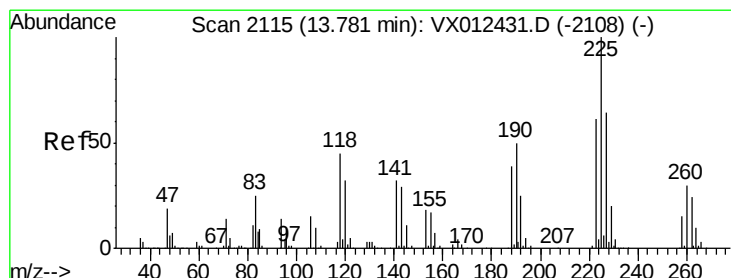
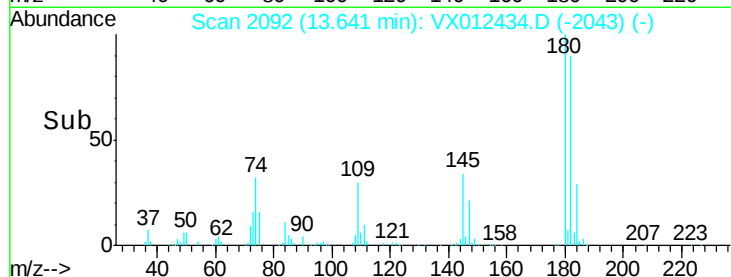
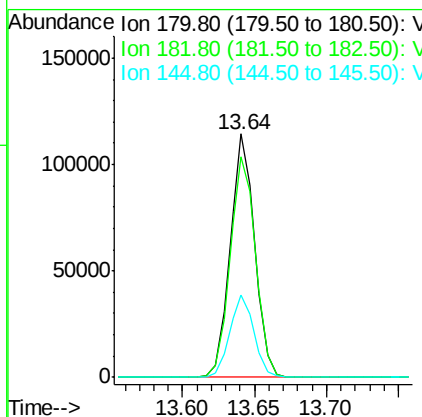
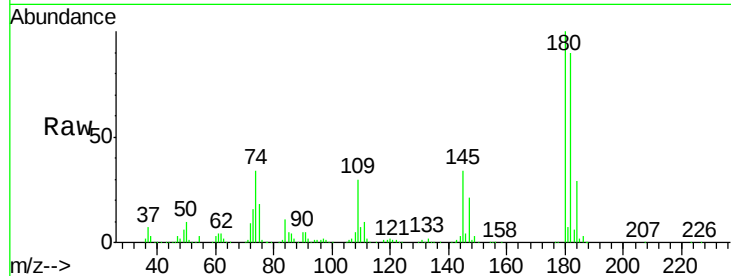
ClientSampled :

ICVVX091719

Tot Ion:	180	Resp:	135884
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.0	141.0
145	33.8	16.8	50.4

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#94

Hexachlorobutadiene

Concen: 50.452 ug/l

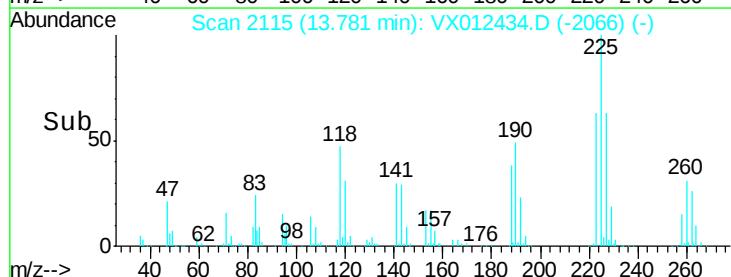
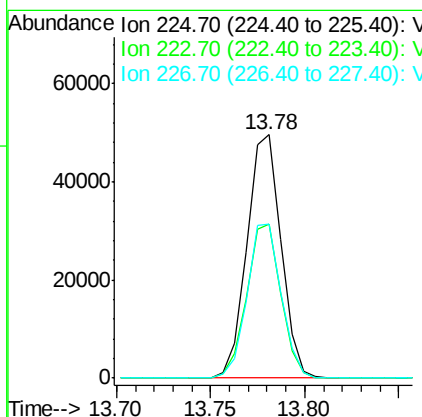
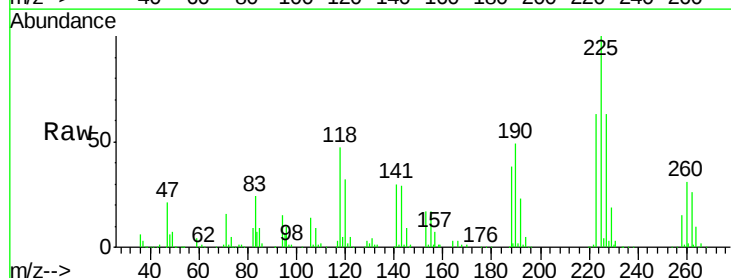
RT: 13.78 min Scan# 2115

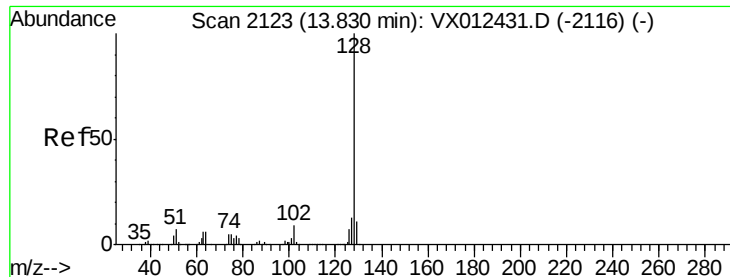
Delta R.T. 0.00 min

Lab File: VX012434.D

Acq: 17 Sep 2019 15:22

Tgt Ion:	225	Resp:	62266
Ion Ratio	Lower	Upper	
225	100		
223	63.3	32.0	96.2
227	63.2	31.9	95.5





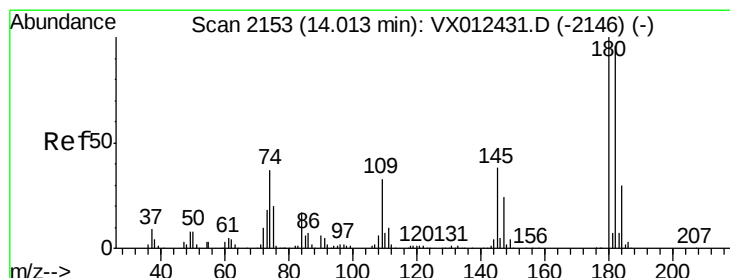
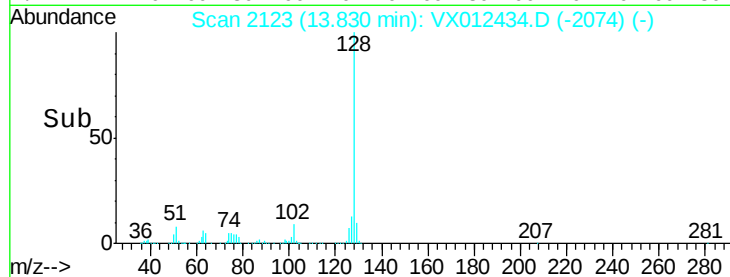
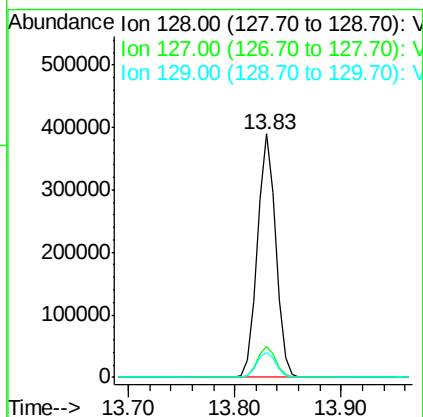
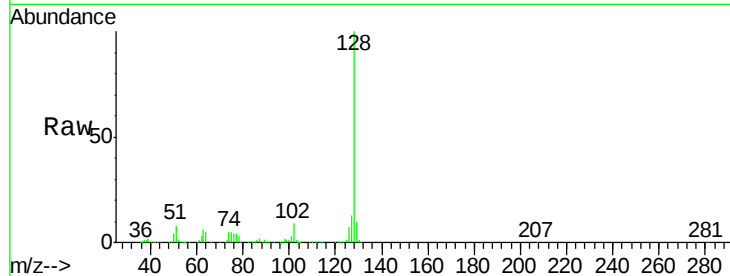
#95
Naphthalene
Concen: 50.618 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091719

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.519 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012434.D
Acq: 17 Sep 2019 15:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.1	141.3
145	36.1	18.0	54.0

