

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100819\
 Data File : VX012888.D
 Acq On : 08 Oct 2019 14:17
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100819

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:36:40 AM

Quant Time: Oct 09 02:24:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	193452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	317954	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	284609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	137263	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	119065	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
35) Dibromofluoromethane	5.48	113	96090	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
50) Toluene-d8	8.71	98	368900	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
62) 4-Bromofluorobenzene	11.13	95	145871	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	108109	54.825	ug/l	100
3) Chloromethane	1.31	50	107781	50.223	ug/l	99
4) Vinyl Chloride	1.40	62	110862	50.050	ug/l	98
5) Bromomethane	1.62	94	46598	50.608	ug/l	99
6) Chloroethane	1.71	64	68064	50.303	ug/l	99
7) Trichlorofluoromethane	1.92	101	160904	53.820	ug/l	97
8) Diethyl Ether	2.18	74	62080	51.444	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	104601	54.060	ug/l	99
10) Methyl Iodide	2.50	142	99505	45.862	ug/l	100
11) Tert butyl alcohol	3.03	59	144345	225.200	ug/l	99
12) 1,1-Dichloroethene	2.36	96	102390	52.375	ug/l	94
13) Acrolein	2.28	56	106571	233.962	ug/l	99
14) Allyl chloride	2.72	41	181897	52.247	ug/l	99
15) Acrylonitrile	3.13	53	303521	249.879	ug/l	99
16) Acetone	2.43	43	327270	256.788	ug/l	100
17) Carbon Disulfide	2.56	76	285858	51.282	ug/l	99
18) Methyl Acetate	2.76	43	145296	48.098	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	359256	53.215	ug/l	97
20) Methylene Chloride	2.84	84	114764	48.998	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	109951	52.474	ug/l	98
22) Diisopropyl ether	3.84	45	350521	52.543	ug/l	91
23) Vinyl Acetate	3.80	43	1548412	268.868	ug/l	100
24) 1,1-Dichloroethane	3.69	63	196620	52.390	ug/l	98
25) 2-Butanone	4.65	43	444105	251.168	ug/l	97
26) 2,2-Dichloropropane	4.57	77	174088	55.162	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	123815	51.264	ug/l	99
28) Bromochloromethane	5.00	49	57888	51.627	ug/l	99
29) Tetrahydrofuran	5.11	42	268398	246.675	ug/l	99
30) Chloroform	5.20	83	197213	51.212	ug/l	99
31) Cyclohexane	5.56	56	183977	52.425	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	177259	54.326	ug/l	98
36) 1,1-Dichloropropene	5.78	75	153258	54.824	ug/l	100
37) Ethyl Acetate	4.81	43	161296	51.600	ug/l	100
38) Carbon Tetrachloride	5.77	117	150512	55.316	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	198662	58.600	ug/l	99
40) Benzene	6.13	78	450243	54.532	ug/l	99
41) Methacrylonitrile	5.03	41	87904	51.178	ug/l	99
42) 1,2-Dichloroethane	6.18	62	158279	53.425	ug/l	100
43) Isopropyl Acetate	6.43	43	270871	53.989	ug/l	99
44) Trichloroethene	7.20	130	118605	51.803	ug/l	93
45) 1,2-Dichloropropane	7.50	63	114457	54.392	ug/l	99
46) Dibromomethane	7.65	93	75875	54.119	ug/l	99
47) Bromodichloromethane	7.89	83	155536	56.847	ug/l	95
48) Methyl methacrylate	7.76	41	132708	54.280	ug/l	99
49) 1,4-Dioxane	7.73	88	62037	947.449	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	815735	260.780	ug/l	100
52) Toluene	8.78	92	288470	54.613	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	178151	52.081	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	192392	57.173	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	112539	53.837	ug/l	100
56) Ethyl methacrylate	9.17	69	189297	50.550	ug/l	99
57) 1,3-Dichloropropane	9.37	76	194855	53.888	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	430400	280.276	ug/l	99
59) 2-Hexanone	9.48	43	642871	264.013	ug/l	99
60) Dibromochloromethane	9.57	129	118028	50.711	ug/l	99
61) 1,2-Dibromoethane	9.67	107	118832	54.040	ug/l	99
64) Tetrachloroethene	9.33	164	104546	52.960	ug/l	92
65) Chlorobenzene	10.14	112	303984	53.784	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	111887	57.096	ug/l	100
67) Ethyl Benzene	10.24	91	556092	55.391	ug/l	100
68) m/p-Xylenes	10.35	106	417878	111.418	ug/l	98
69) o-Xylene	10.70	106	204392	55.884	ug/l	99
70) Styrene	10.71	104	352019	56.616	ug/l	99
71) Bromoform	10.85	173	80934	48.576	ug/l #	99
73) Isopropylbenzene	11.01	105	550541	54.553	ug/l	100
74) N-amyl acetate	10.89	43	237201	54.575	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	173723	51.756	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	139962m	45.972	ug/l	
77) Bromobenzene	11.25	156	127124	53.456	ug/l	99
78) n-propylbenzene	11.35	91	625138	56.295	ug/l	99
79) 2-Chlorotoluene	11.42	91	356284	51.051	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	454423	53.927	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	59007	49.853	ug/l	97
82) 4-Chlorotoluene	11.51	91	420187	52.528	ug/l	99
83) tert-Butylbenzene	11.76	119	443041	53.897	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	463230	54.278	ug/l	99
85) sec-Butylbenzene	11.94	105	516694	54.255	ug/l	98
86) p-Isopropyltoluene	12.06	119	495750	56.128	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	233623	52.902	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	236353	52.845	ug/l	99
89) n-Butylbenzene	12.38	91	421811	56.823	ug/l	99
90) Hexachloroethane	12.59	117	82855	50.621	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	224135	51.770	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	42675	54.244	ug/l	98

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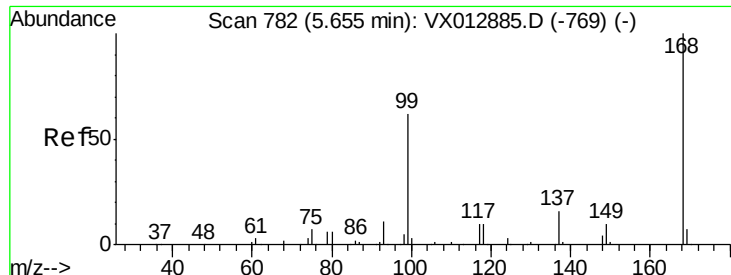
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	151282	55.781	ug/l	98
94) Hexachlorobutadiene	13.77	225	69360	55.416	ug/l	99
95) Naphthalene	13.83	128	521957	55.519	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	151568	54.081	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100819

Tot Ion:168 Resp: 193452

Ion Ratio Lower Upper

168 100

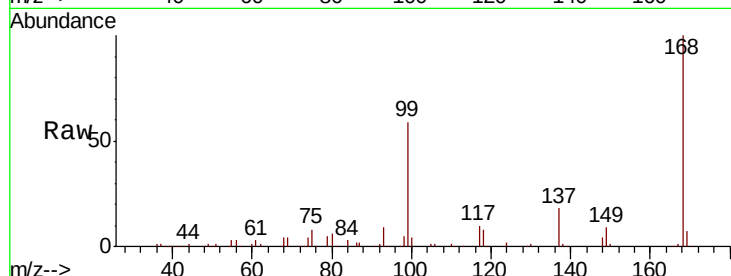
99 58.3 49.4 74.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

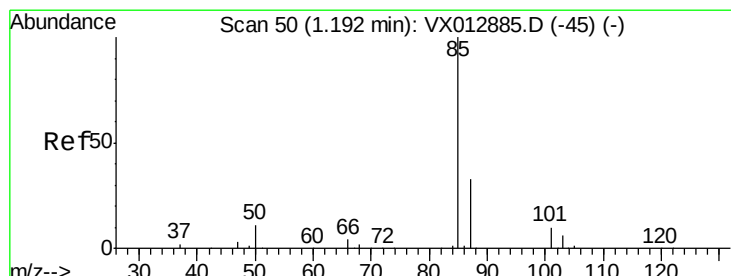
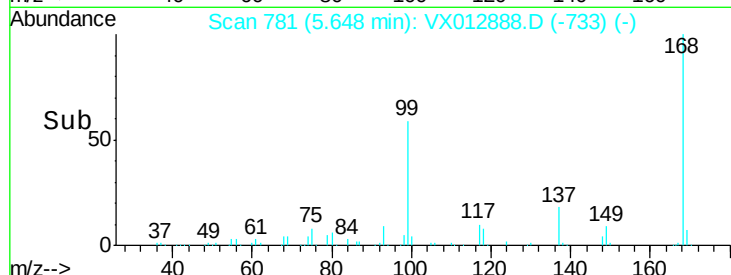
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.825 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012888.D

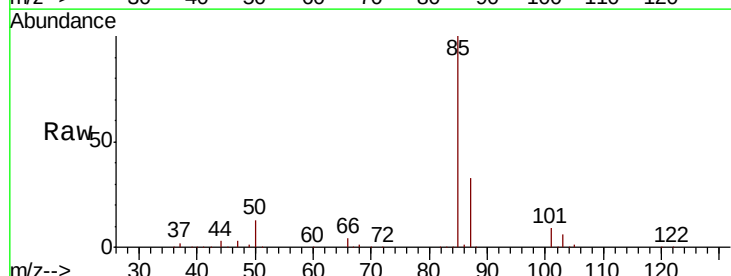
Acq: 08 Oct 2019 14:17

Tgt Ion: 85 Resp: 108109

Ion Ratio Lower Upper

85 100

87 33.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

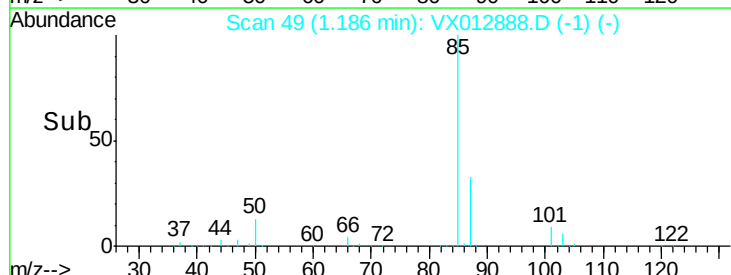
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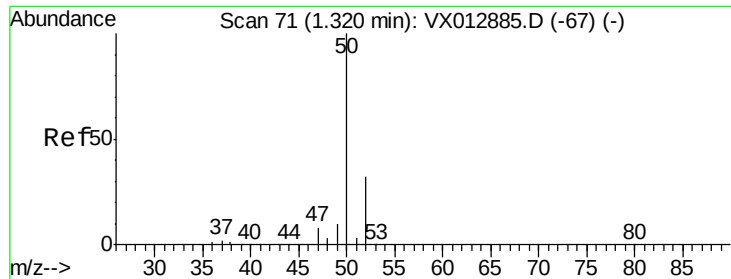
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20000

0

Time-->





#3

Chloromethane

Concen: 50.223 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100819

Tot Ion: 50 Resp: 107781

Ion Ratio Lower Upper

50 100

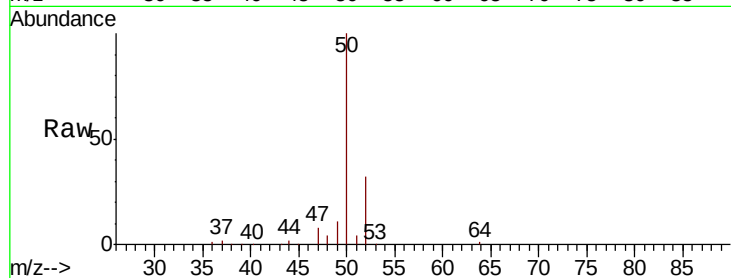
52 32.2 25.2 37.8

Manual Integrations

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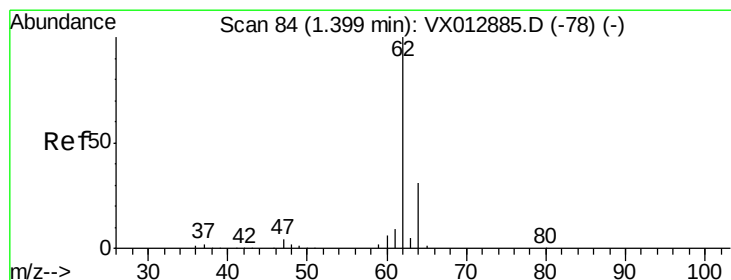
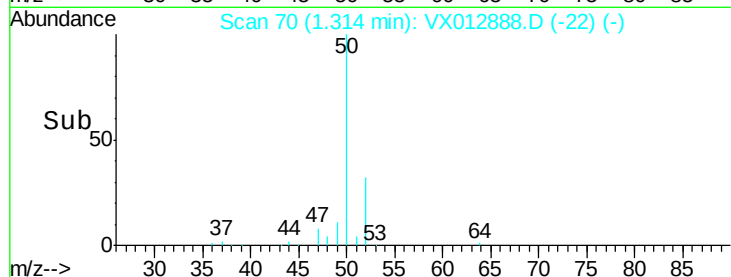
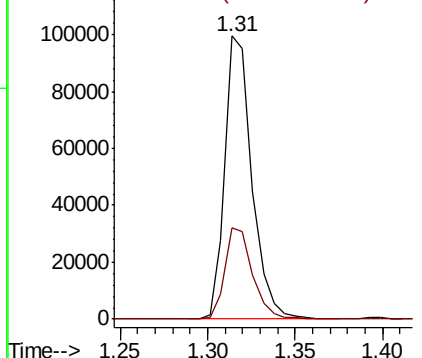
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.050 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012888.D

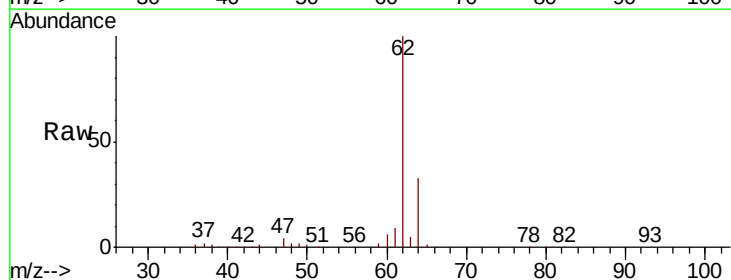
Acq: 08 Oct 2019 14:17

Tgt Ion: 62 Resp: 110862

Ion Ratio Lower Upper

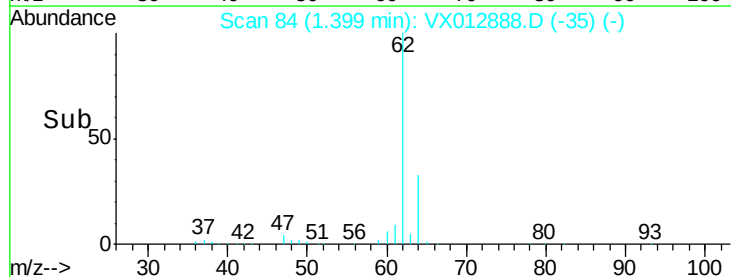
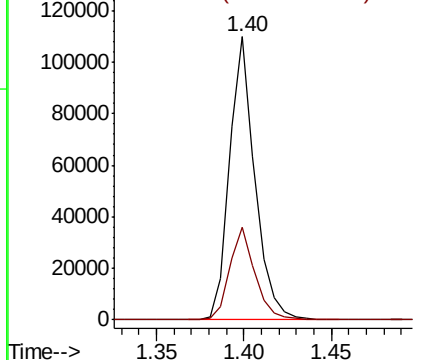
62 100

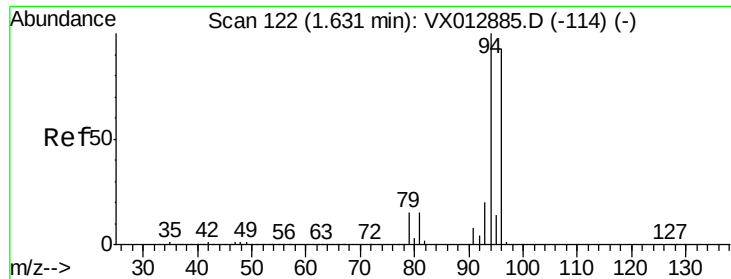
64 32.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.608 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100819

Tot Ion: 94 Resp: 46598

Ion Ratio Lower Upper

94 100

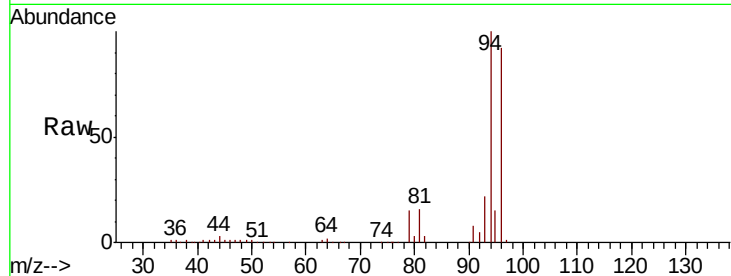
96 92.1 74.7 112.1

Manual Integrations

APPROVED

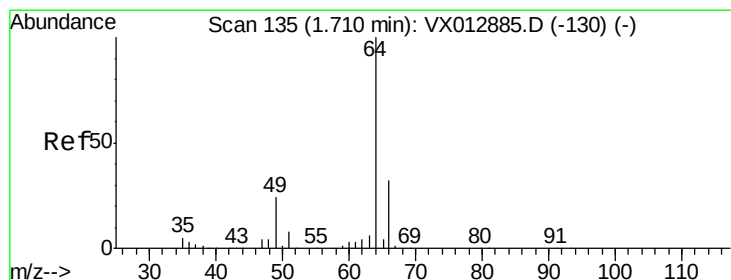
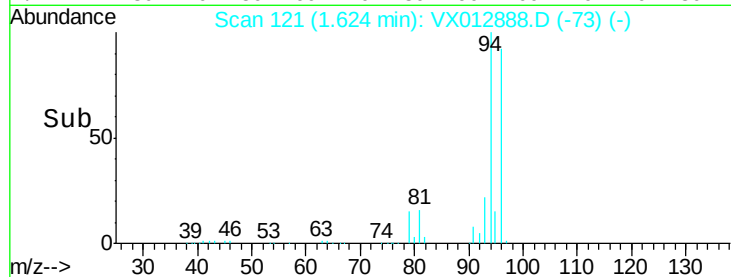
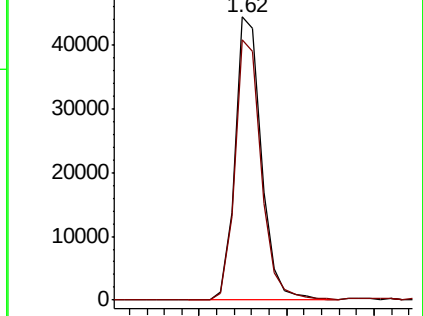
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.303 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012888.D

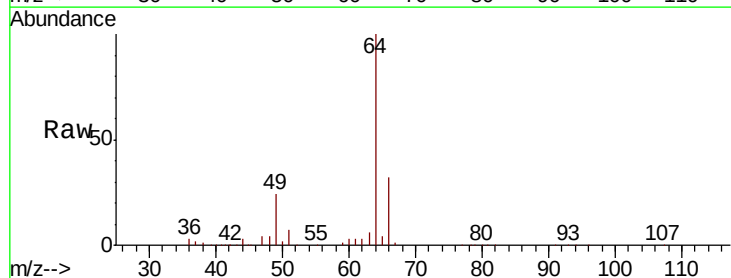
Acq: 08 Oct 2019 14:17

Tgt Ion: 64 Resp: 68064

Ion Ratio Lower Upper

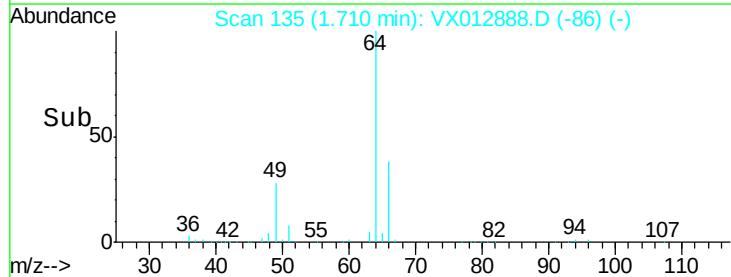
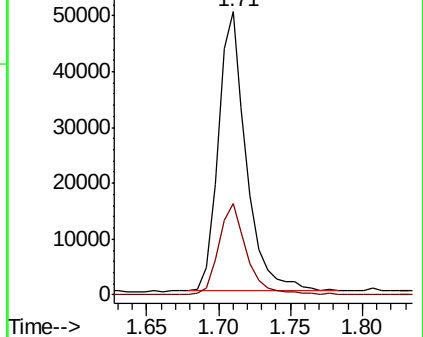
64 100

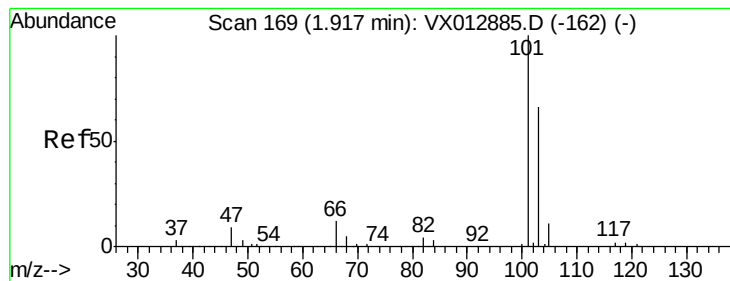
66 32.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

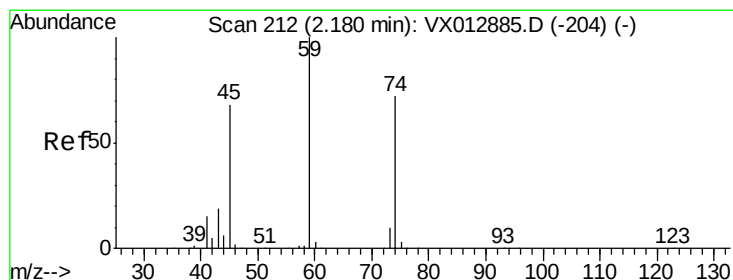
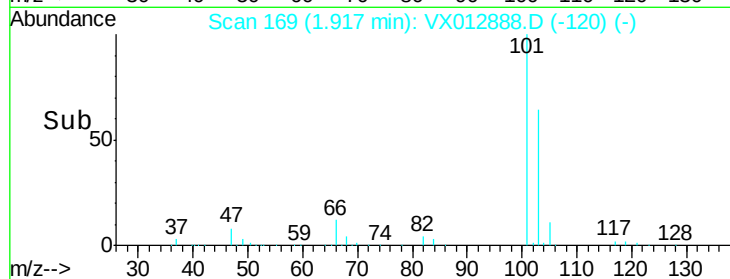
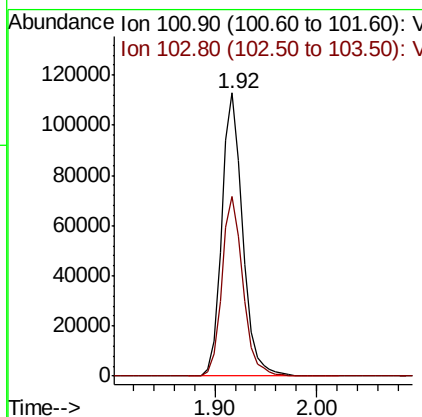
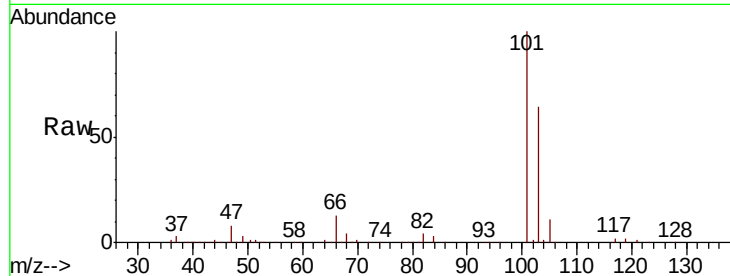
Trichlorofluoromethane
Concen: 53.820 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		160904		
103	63.5	52.5	78.7		

Manual Integrations
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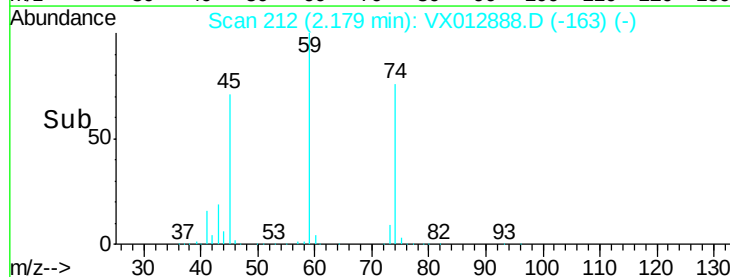
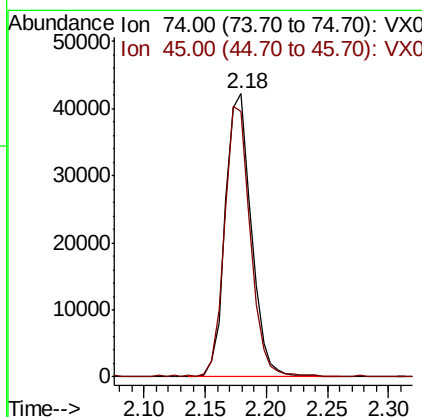
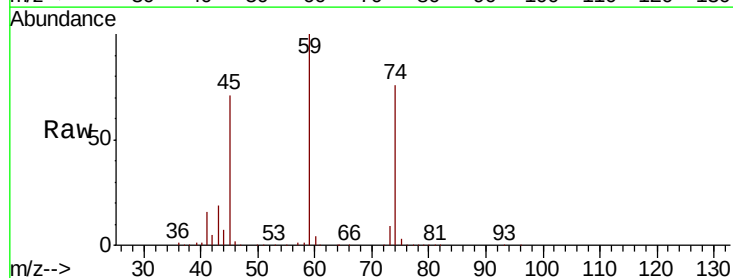
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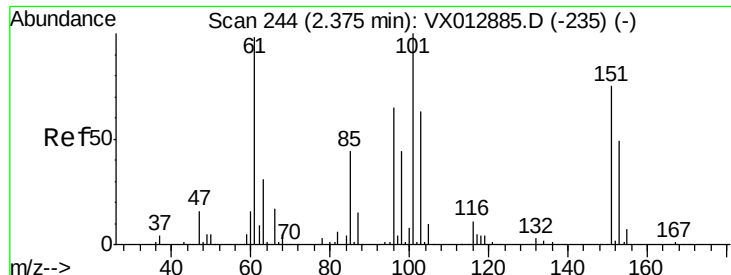


#8

Diethyl Ether
Concen: 51.444 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX012888.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		62080		
45	94.1	47.8	143.4		





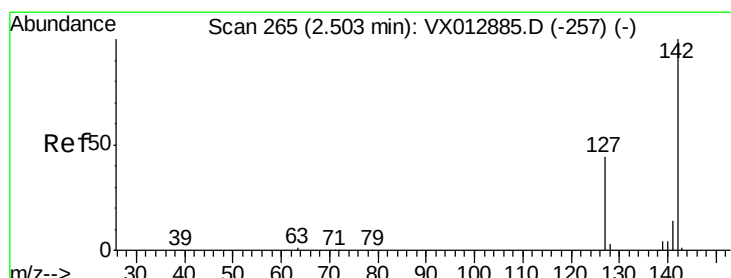
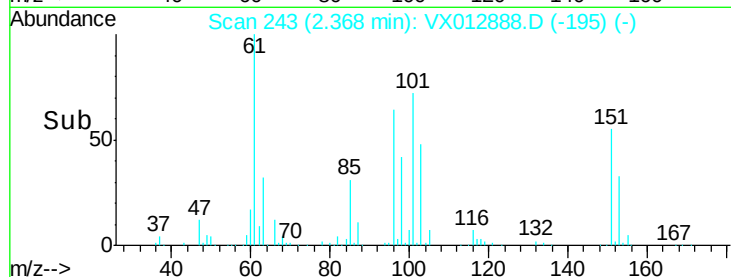
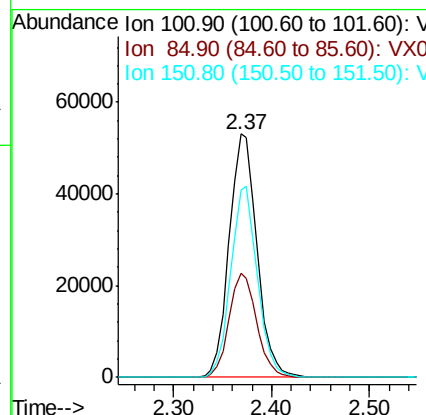
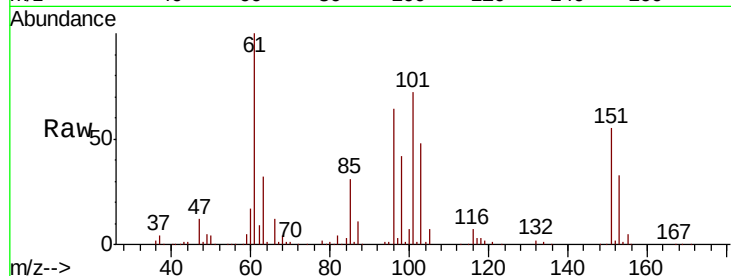
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.060 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100819

Tot Ion	Ratio	Resp	Lower	Upper
101	100	104601		
85	42.3	35.2	52.8	
151	75.4	60.3	90.5	

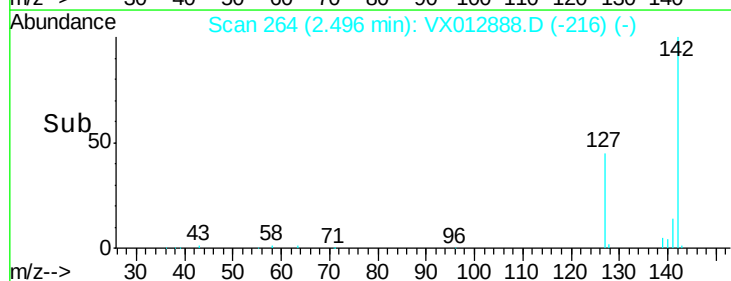
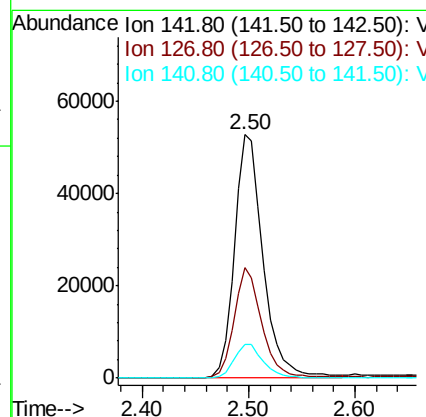
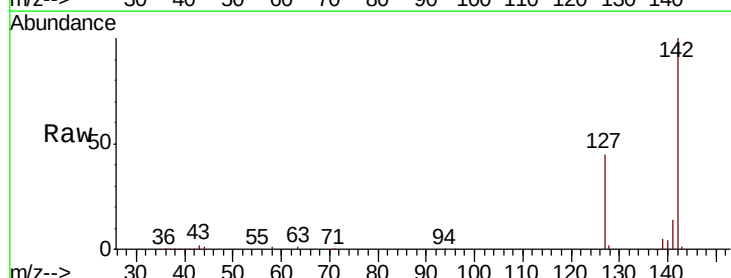
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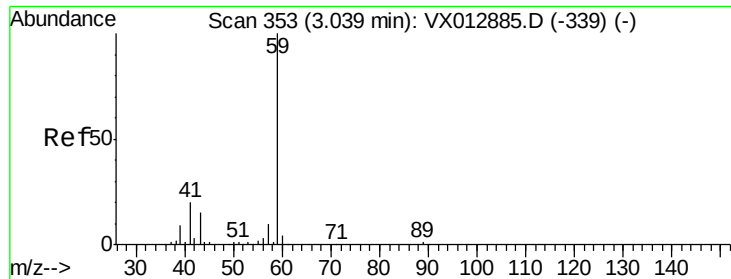
MMDadoda
10/9/2019 10:36:40 AM



#10
Methyl Iodide
Concen: 45.862 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	99505		
127	43.9	34.9	52.3	
141	14.4	11.6	17.4	





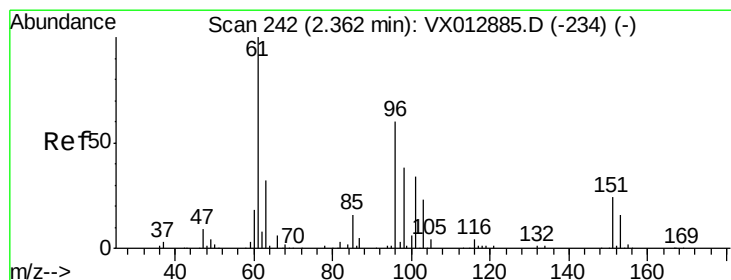
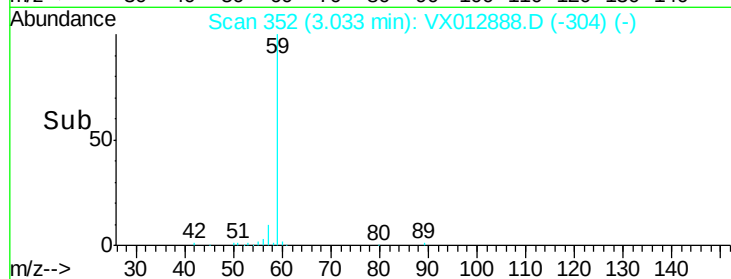
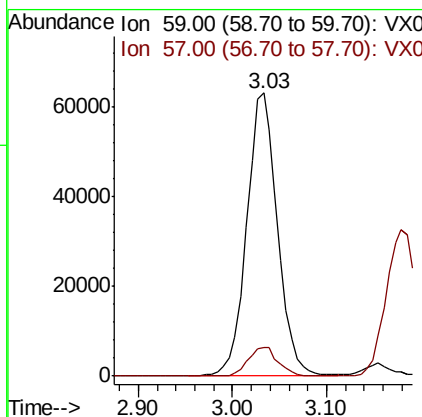
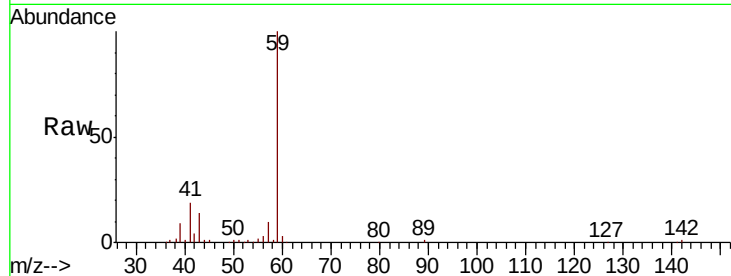
#11
Tert butyl alcohol
Concen: 225.200 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100819

Tot Ion	59	Resp	144345
Ion Ratio	100	Lower	Upper
57	10.1	8.3	12.5

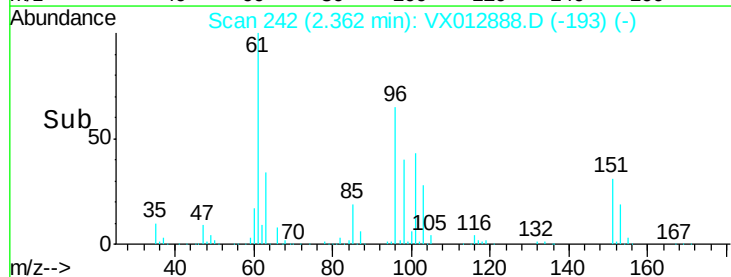
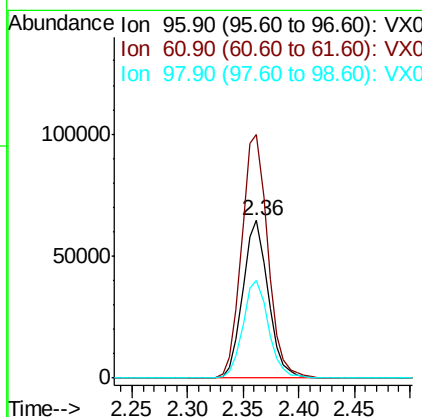
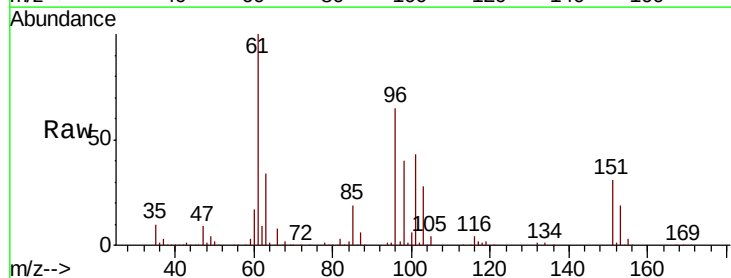
Manual Integrations
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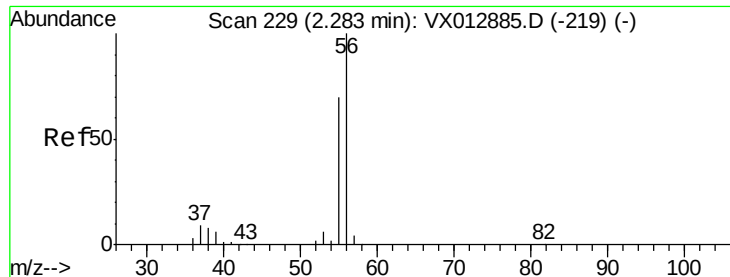
MMDadoda
10/9/2019 10:36:40 AM



#12
1,1-Dichloroethene
Concen: 52.375 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion	96	Resp	102390
Ion Ratio	100	Lower	Upper
61	154.6	132.2	198.4
98	61.8	50.5	75.7





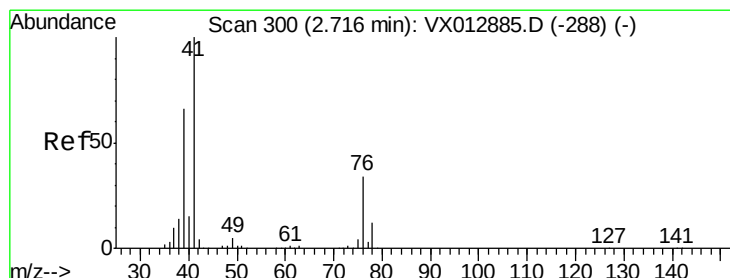
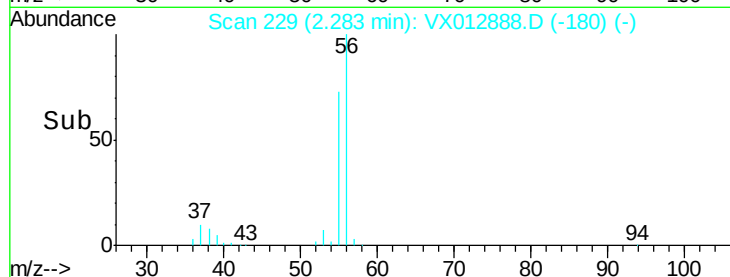
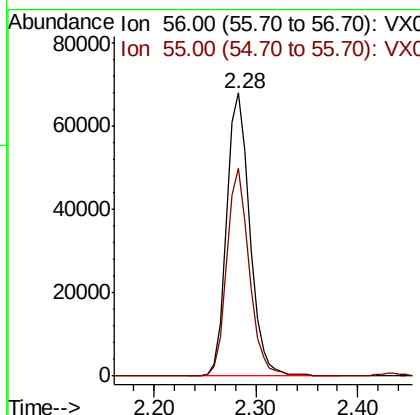
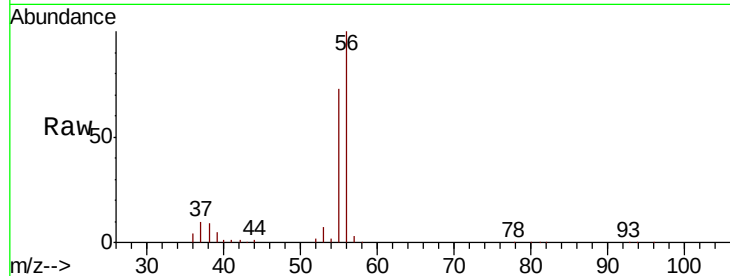
#13
Acrolein
Concen: 233.962 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100819

Tot Ion	56	55	Ratio	100	Resp	106571	Lower	Upper
56	100							
55	71.5				56.6		85.0	

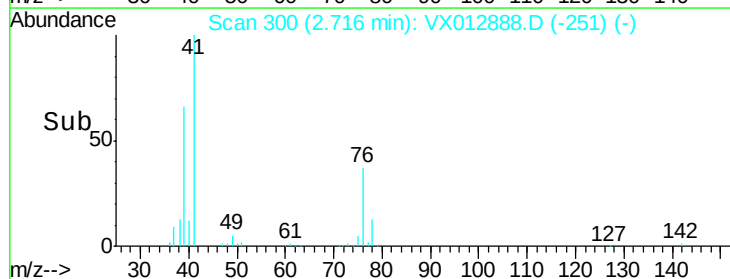
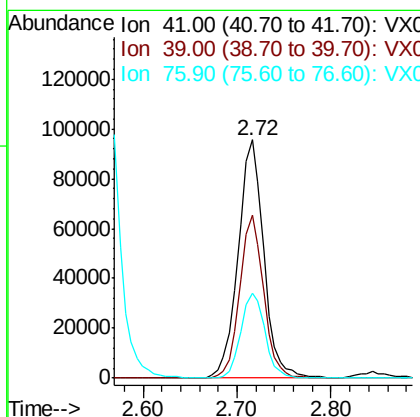
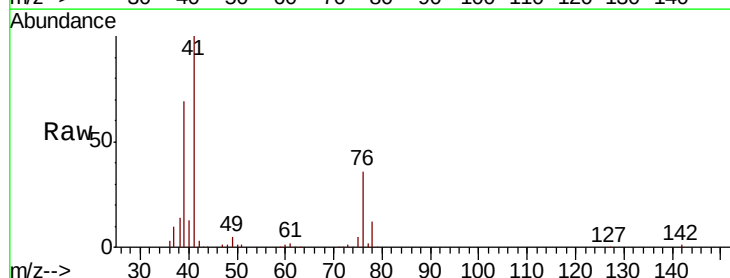
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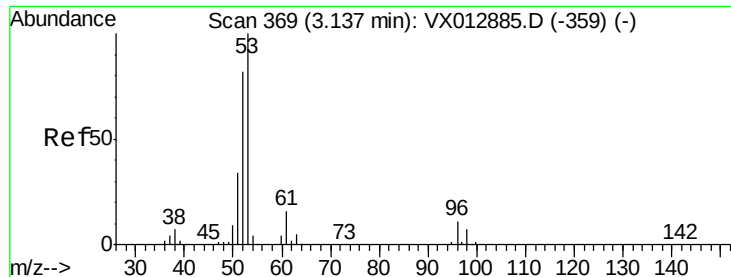
MMDadoda
10/9/2019 10:36:40 AM



#14
Allyl chloride
Concen: 52.247 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion	41	39	76	Ratio	100	Resp	181897	Lower	Upper
41	100								
39	63.6				51.0		76.6		
76	33.4				26.2		39.4		





#15

Acrylonitrile

Concen: 249.879 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

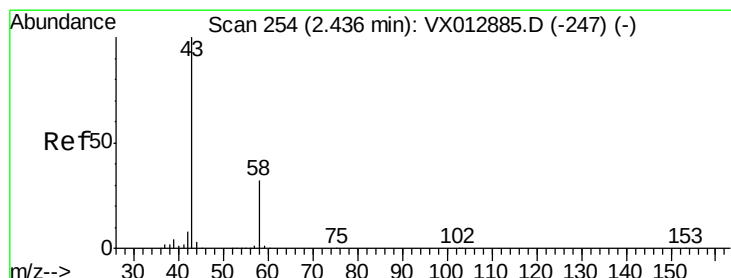
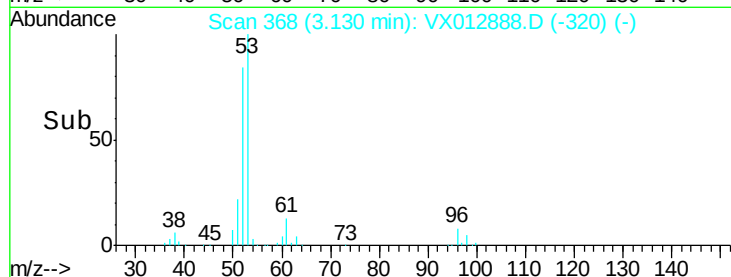
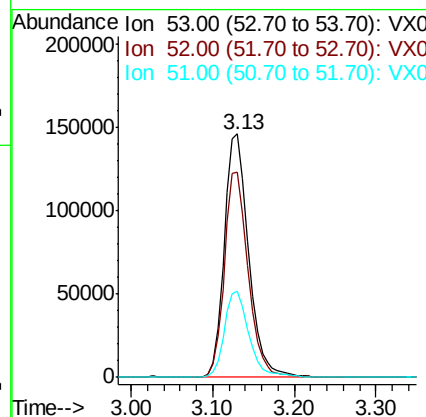
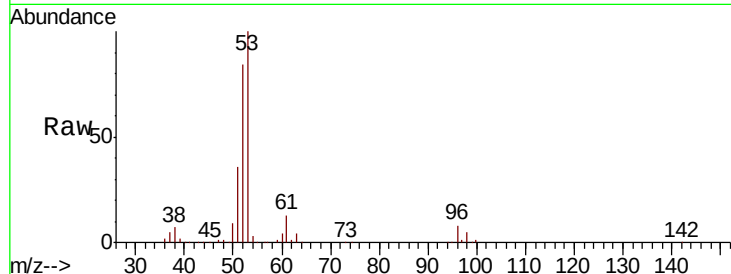
ClientSampleId :

ICVVX100819

Tot Ion:	53	Resp:	303521
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.2	99.2
51	36.0	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 256.788 ug/l

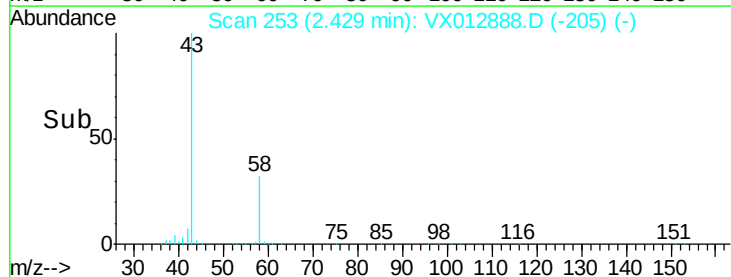
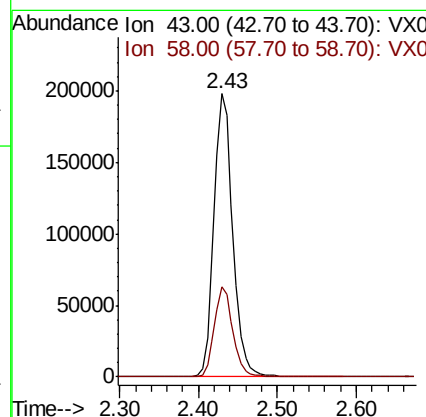
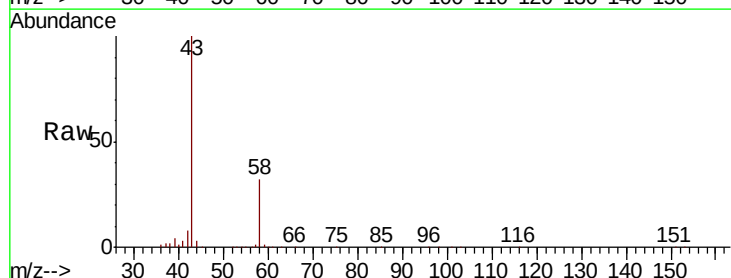
RT: 2.43 min Scan# 253

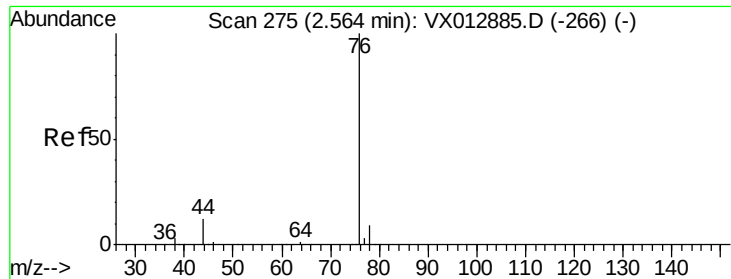
Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Tgt Ion:	43	Resp:	327270
Ion Ratio	Lower	Upper	
43	100		
58	31.9	25.4	38.2





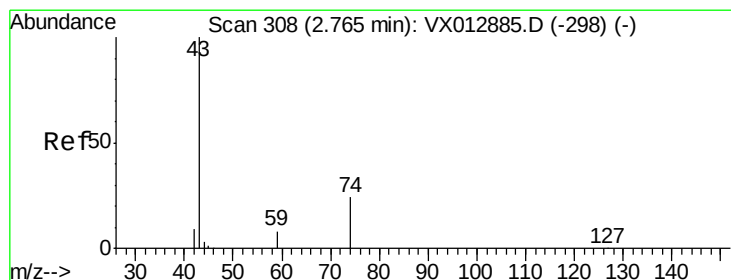
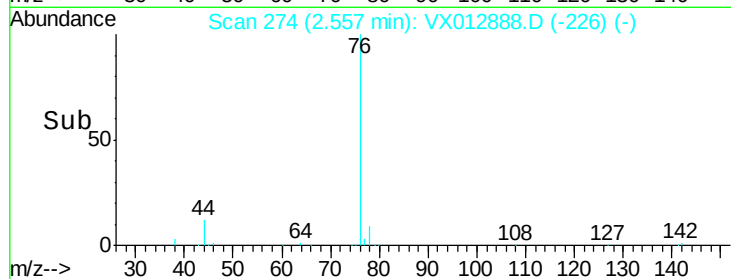
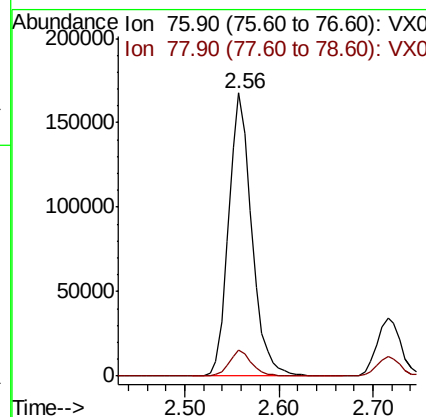
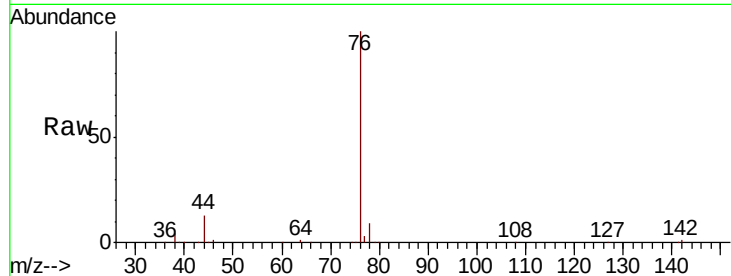
#17
Carbon Disulfide
Concen: 51.282 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100819

Tot Ion	Ratio	Resp	Lower	Upper
76	100	285858		
78	9.4		7.1	10.7

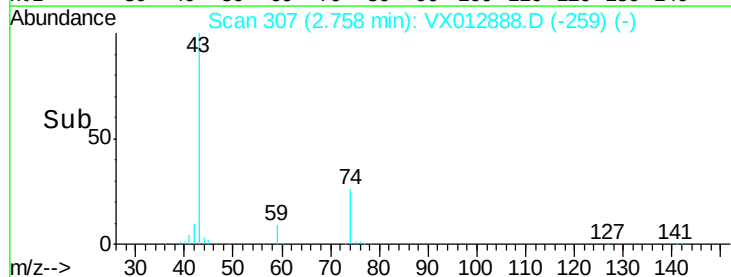
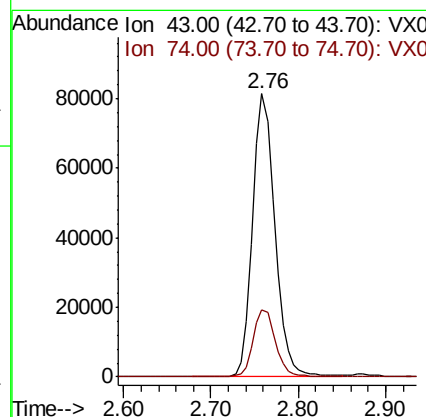
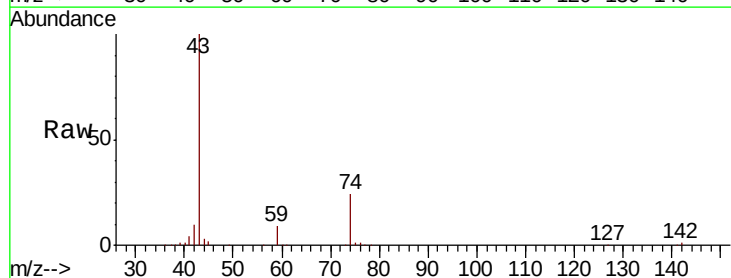
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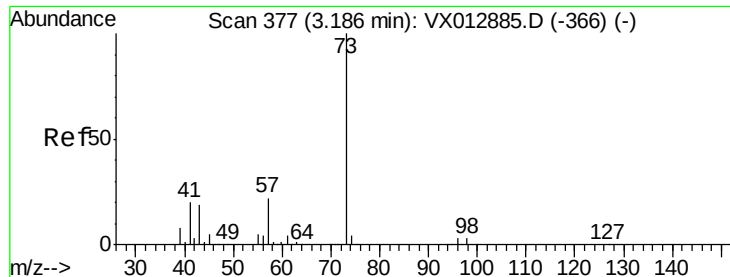
MMDadoda
10/9/2019 10:36:40 AM



#18
Methyl Acetate
Concen: 48.098 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	145296		
74	23.9		19.2	28.8





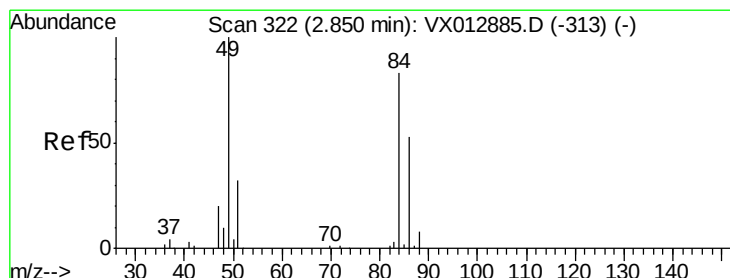
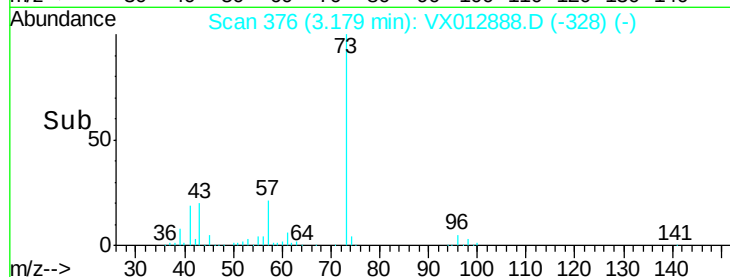
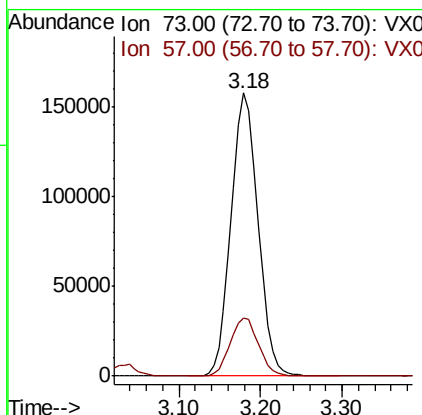
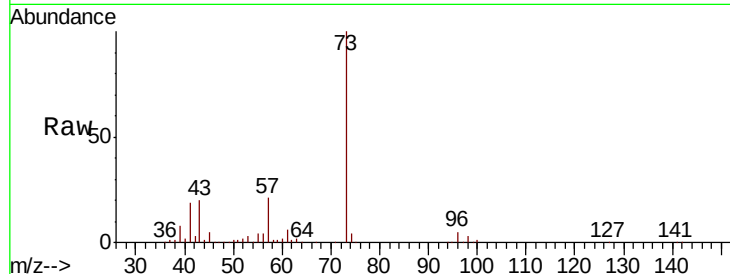
#19
Methyl tert-butyl Ether
Concen: 53.215 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100819

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	17.8	26.6

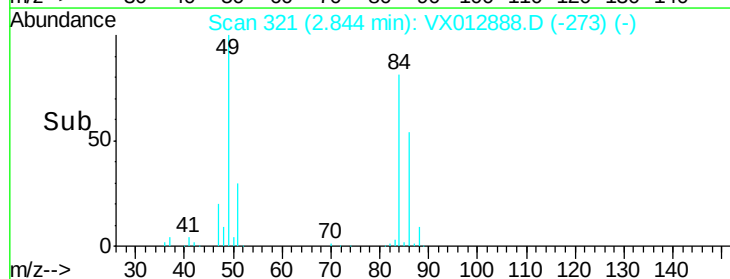
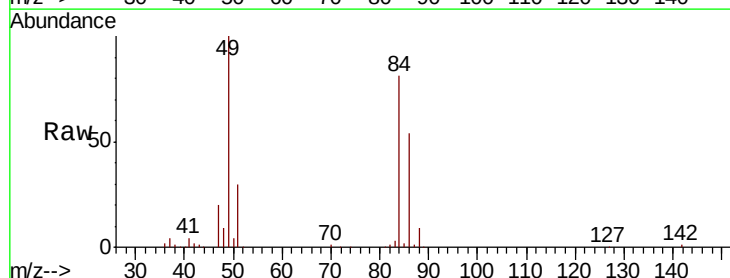
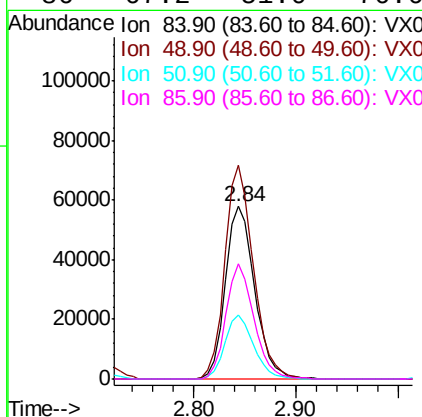
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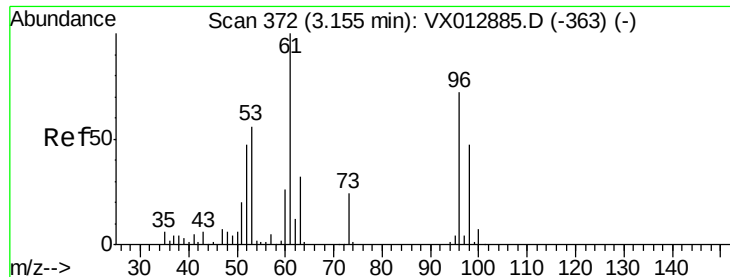
MMDadoda
10/9/2019 10:36:40 AM



#20
Methylene Chloride
Concen: 48.998 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.0	96.6	144.8
51	37.3	30.7	46.1
86	67.2	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 52.474 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

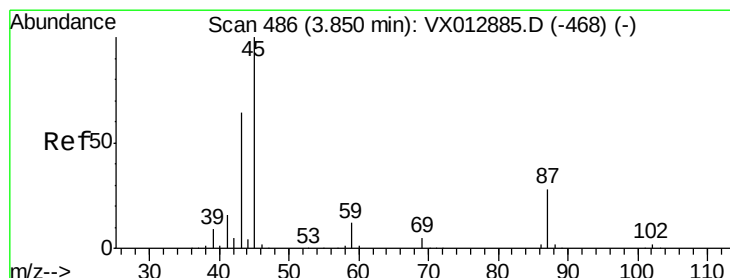
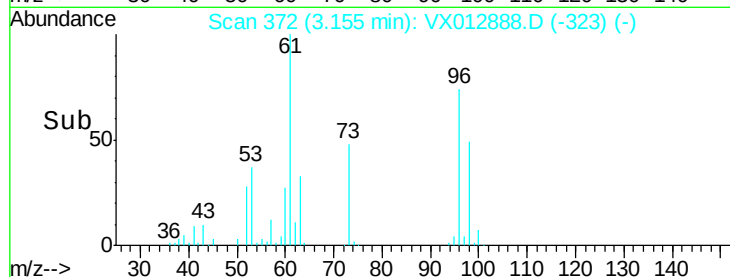
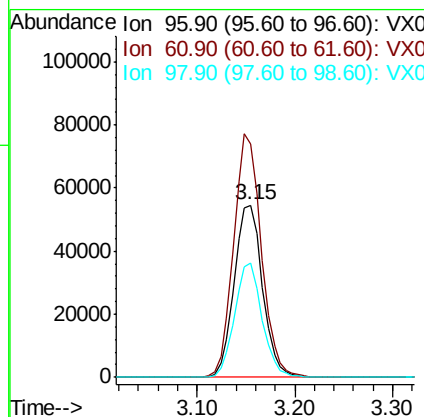
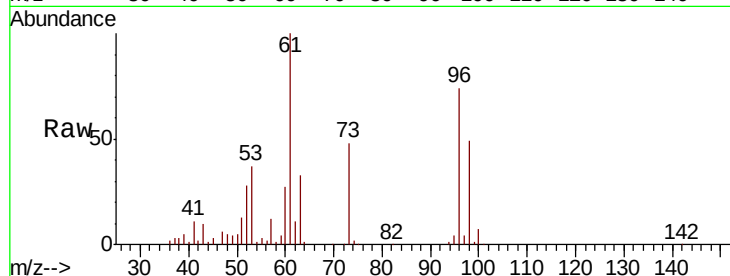
ClientSampleId :

ICVVX100819

Tot Ion:	96	Resp:	109951
Ion	Ratio	Lower	Upper
96	100		
61	135.6	110.4	165.6
98	66.3	51.5	77.3

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#22

Diisopropyl ether

Concen: 52.543 ug/l

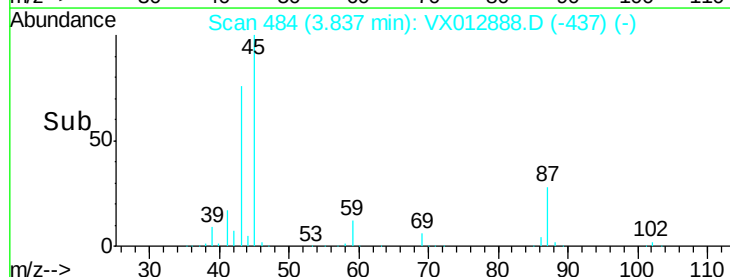
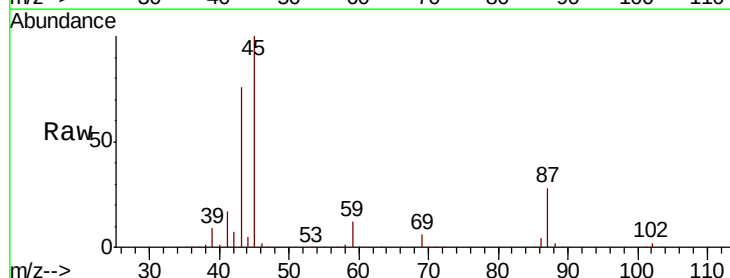
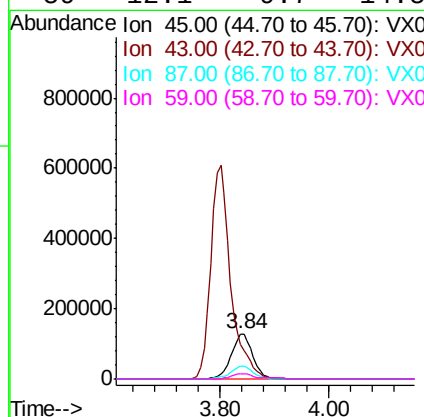
RT: 3.84 min Scan# 484

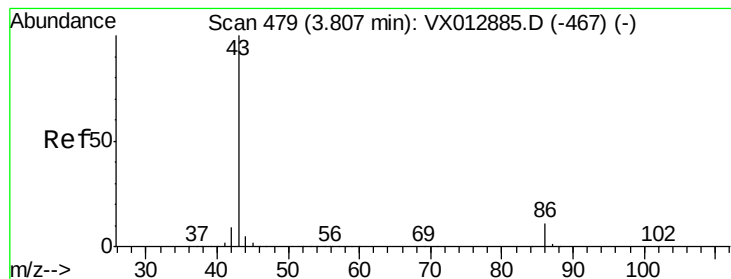
Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Tgt Ion:	45	Resp:	350521
Ion	Ratio	Lower	Upper
45	100		
43	75.7	51.4	77.0
87	27.9	22.5	33.7
59	12.1	9.7	14.5





#23

Vinyl Acetate

Concen: 268.868 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100819

Tot Ion: 43 Resp: 1548412

Ion Ratio Lower Upper

43 100

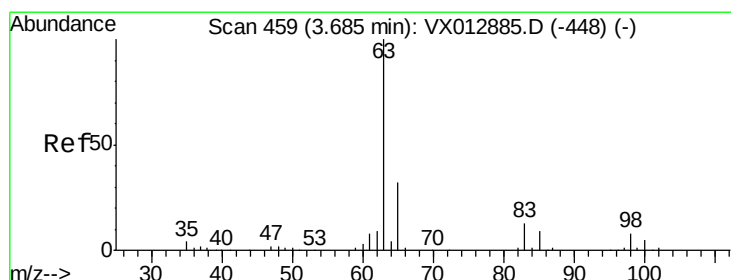
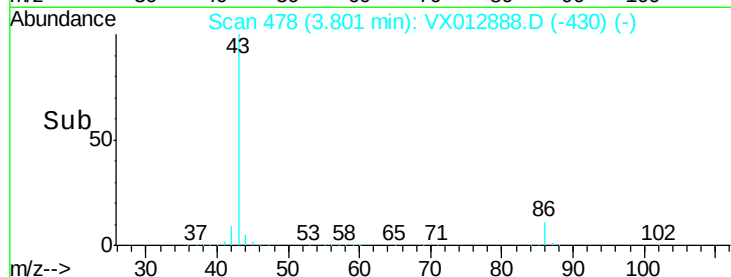
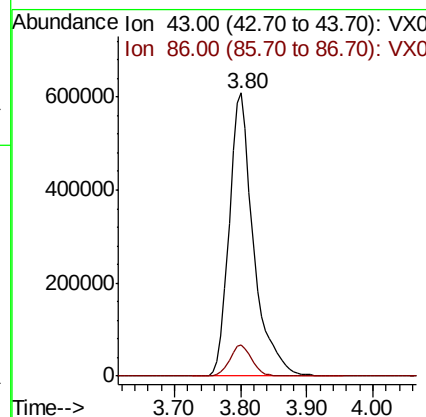
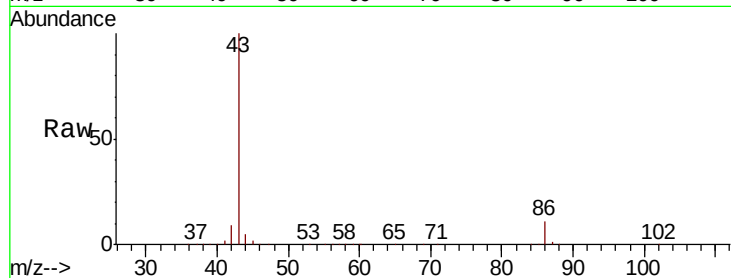
86 11.2 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 52.390 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

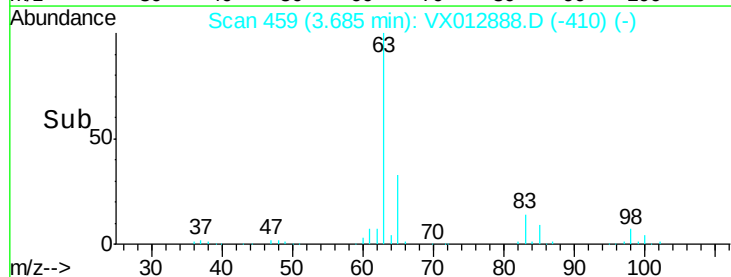
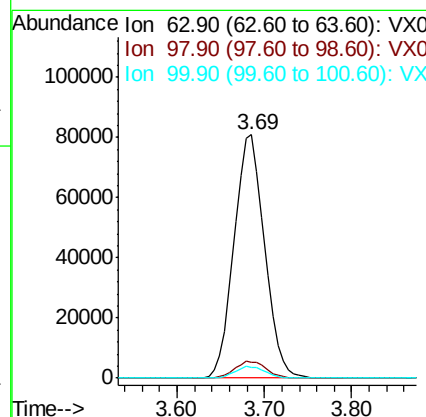
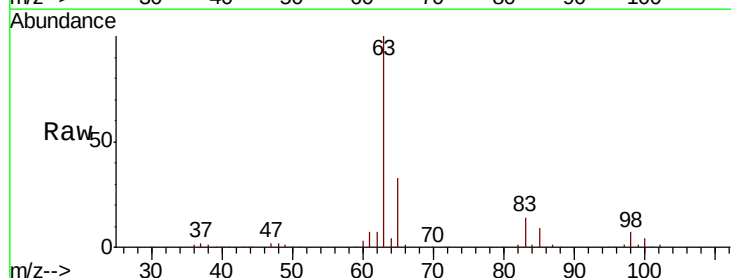
Tgt Ion: 63 Resp: 196620

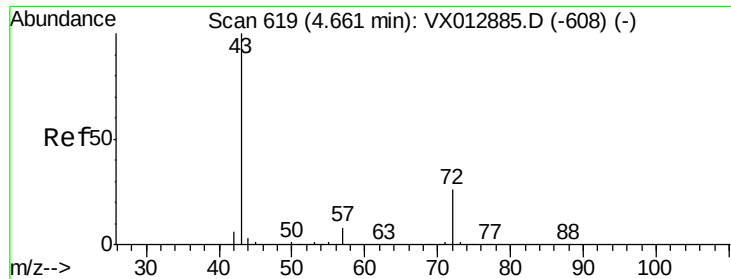
Ion Ratio Lower Upper

63 100

98 6.7 3.9 11.5

100 4.2 2.3 6.9





#25

2-Butanone

Concen: 251.168 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100819

Tot Ion: 43 Resp: 444105

Ion Ratio Lower Upper

43 100

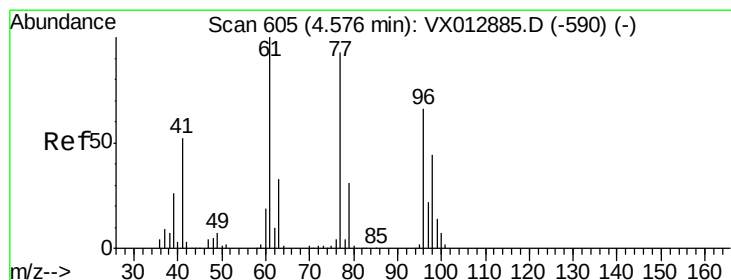
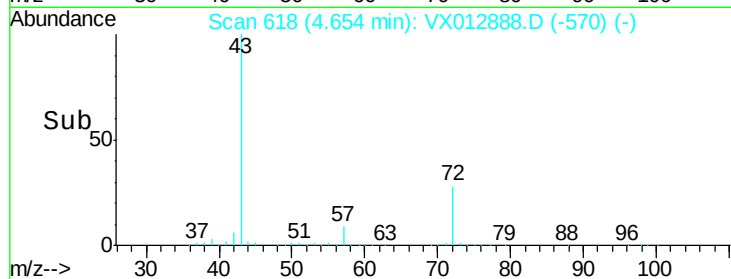
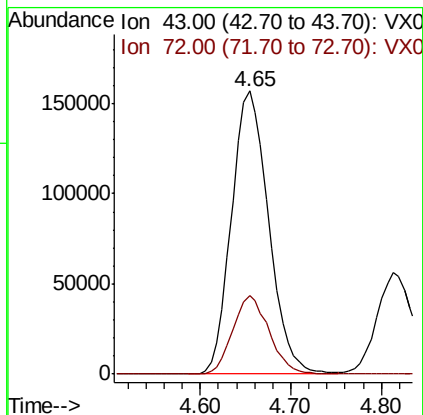
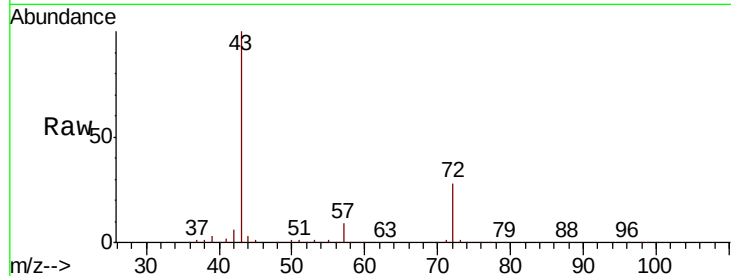
72 27.7 21.0 31.6

Manual Integrations

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10/9/2019 10:36:40 AM



#26

2,2-Dichloropropane

Concen: 55.162 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012888.D

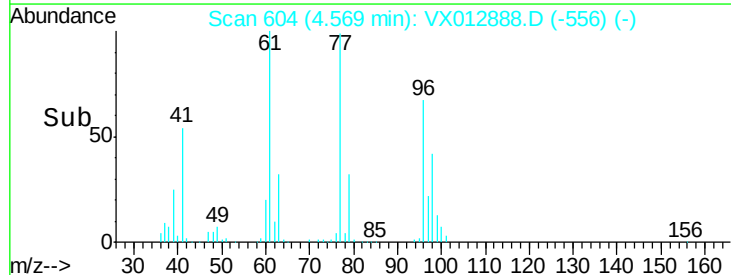
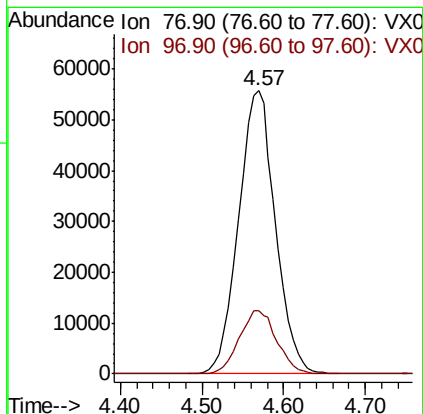
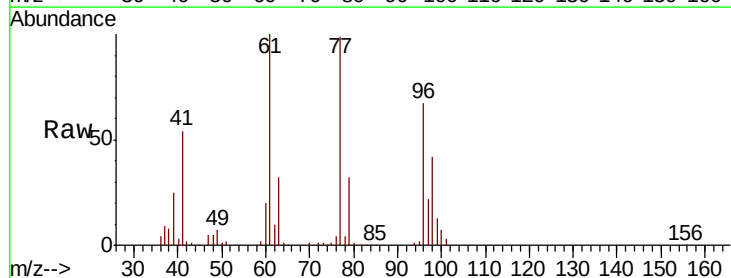
Acq: 08 Oct 2019 14:17

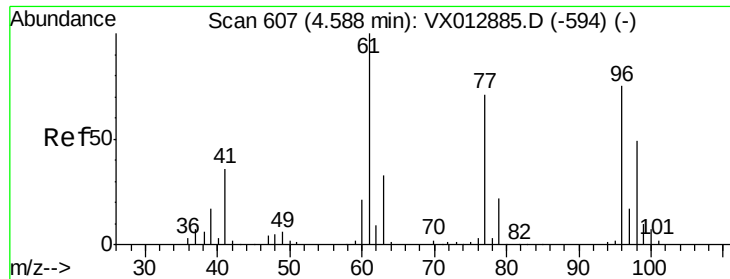
Tgt Ion: 77 Resp: 174088

Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.9





#27

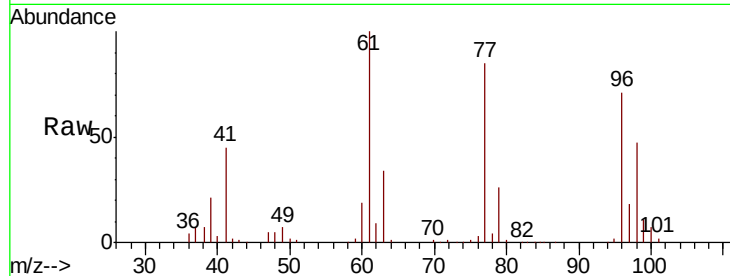
cis-1,2-Dichloroethene
Concen: 51.264 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100819

Tot Ion	Ratio	Resp Lower	Upper
96	100		
61	147.0	0.0	290.6
98	65.2	0.0	128.8

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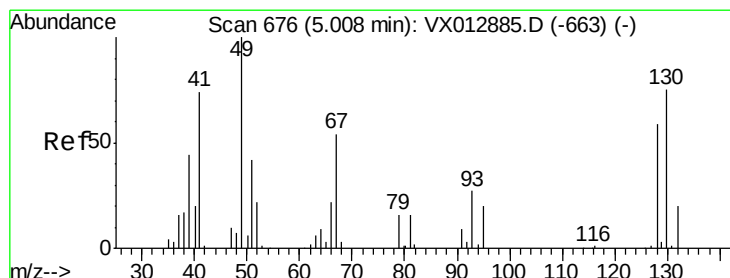
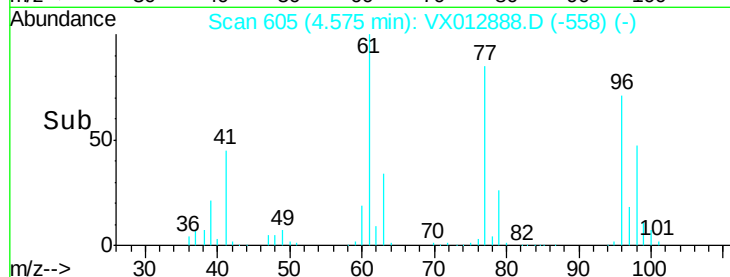
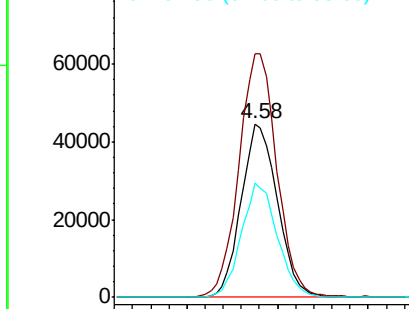


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

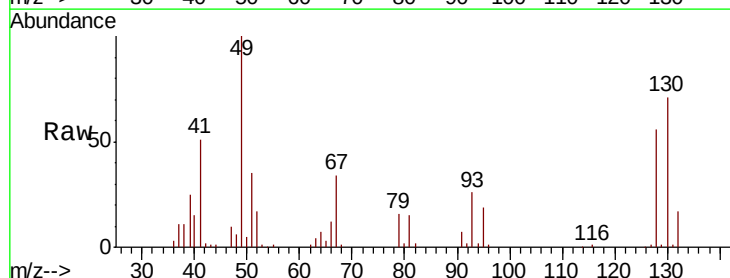
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 51.627 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	1.2	0.0	4.2
130	78.3	62.1	93.1

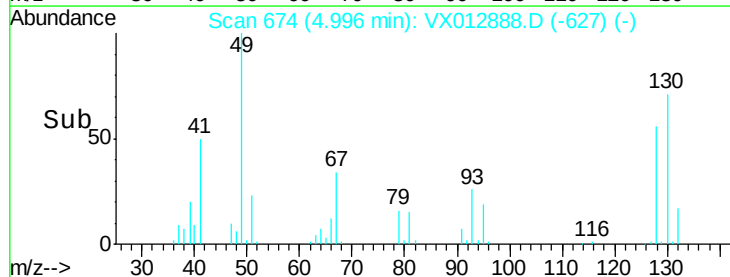
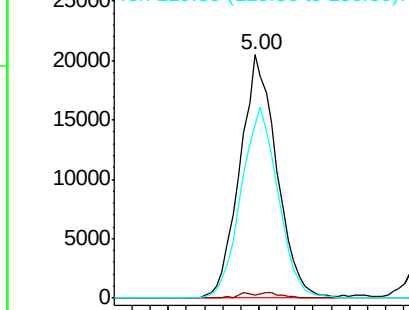


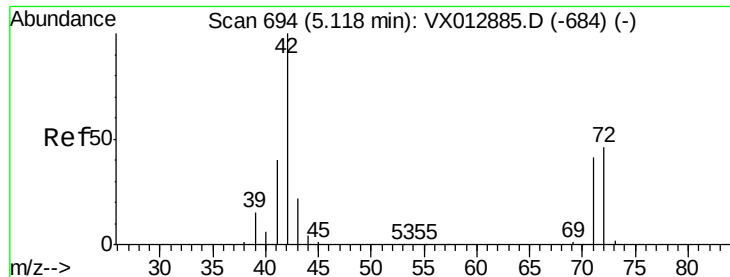
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





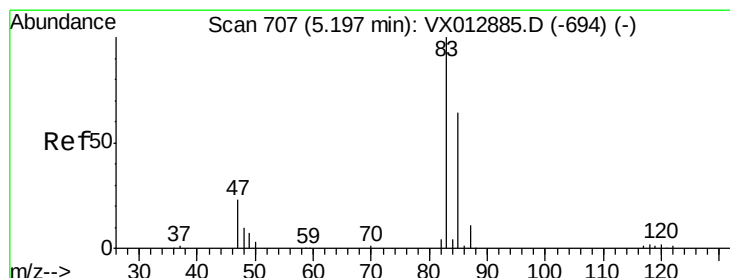
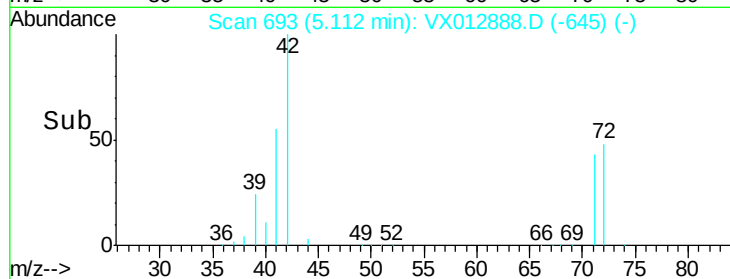
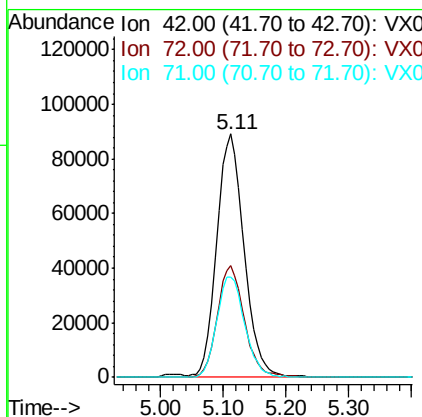
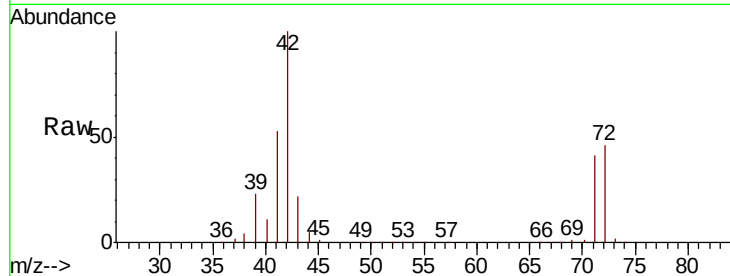
#29
Tetrahydrofuran
Concen: 246.675 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100819

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	36.9	55.3
71	42.5	33.5	50.3

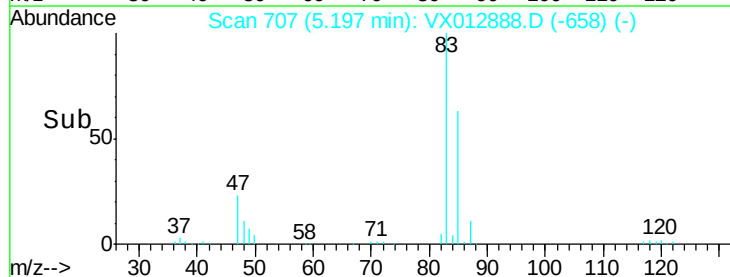
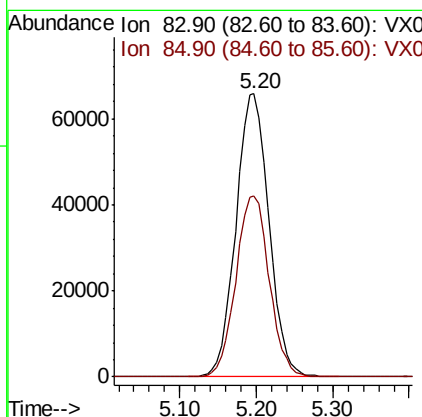
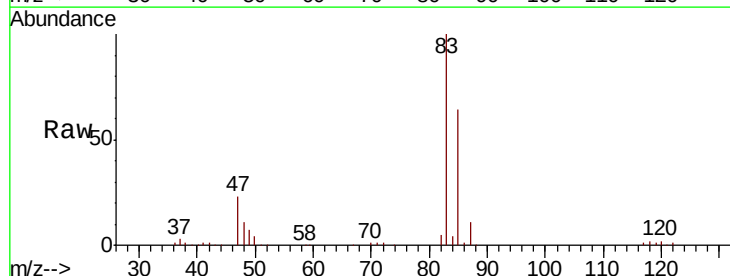
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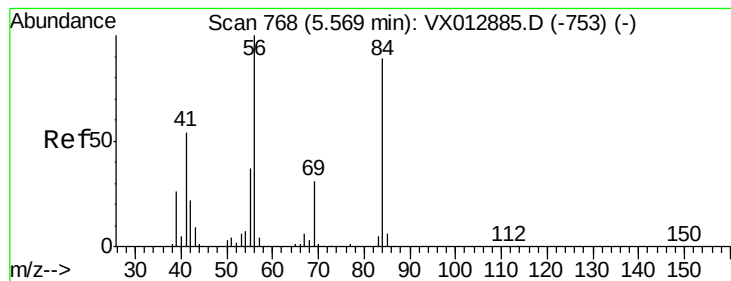
MMDadoda
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#30
Chloroform
Concen: 51.212 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.5	77.3





#31

Cyclohexane

Concen: 52.425 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

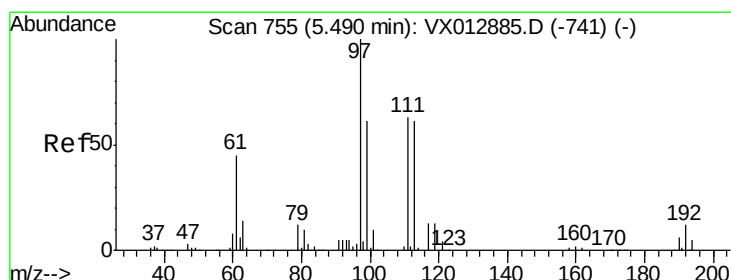
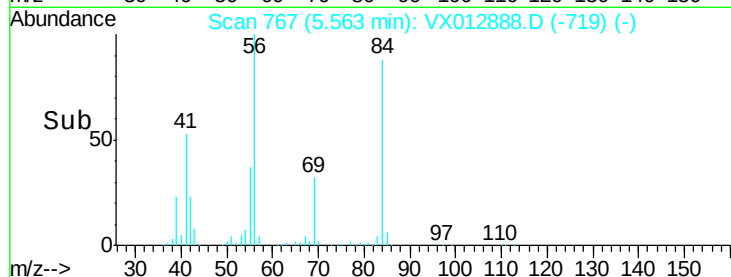
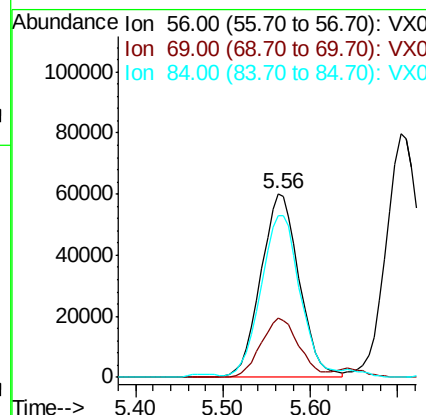
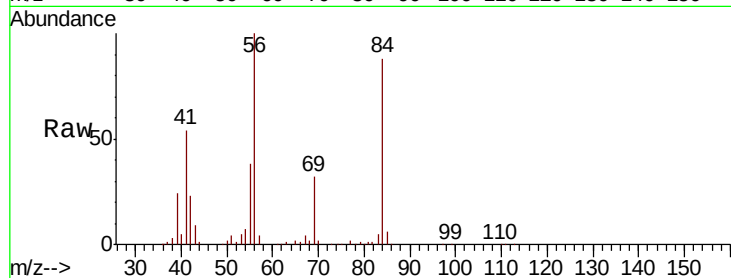
ClientSampleId :

ICVVX100819

Tot Ion:	56	Resp:	183977
Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.2	37.8
84	86.5	71.3	106.9

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#32

1,1,1-Trichloroethane

Concen: 54.326 ug/l

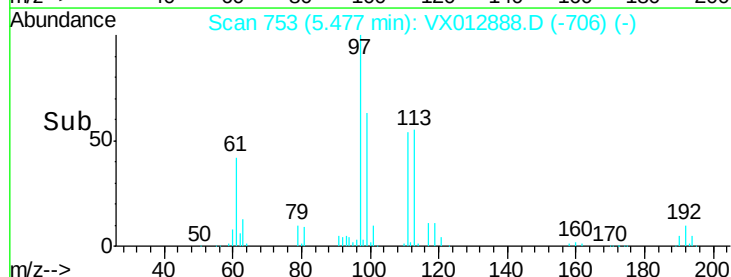
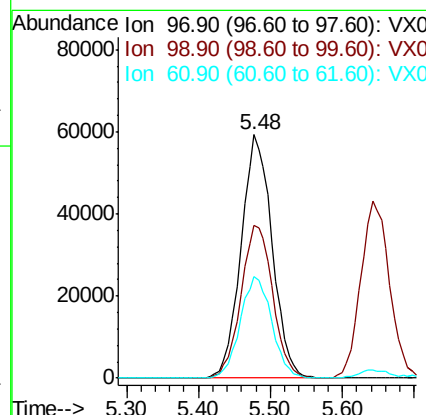
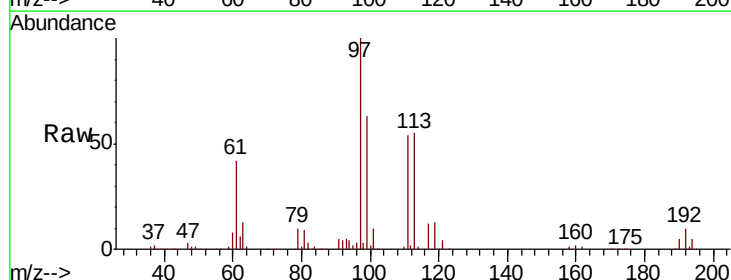
RT: 5.48 min Scan# 753

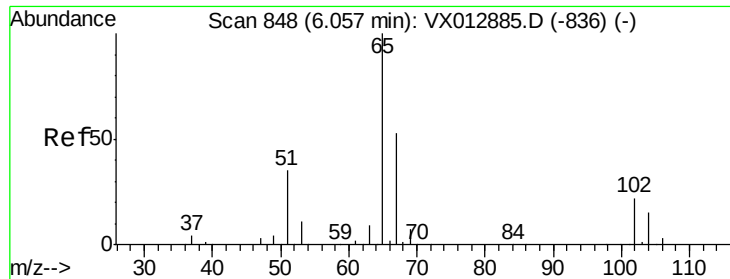
Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Tgt Ion:	97	Resp:	177259
Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.3	78.5
61	42.6	35.0	52.4





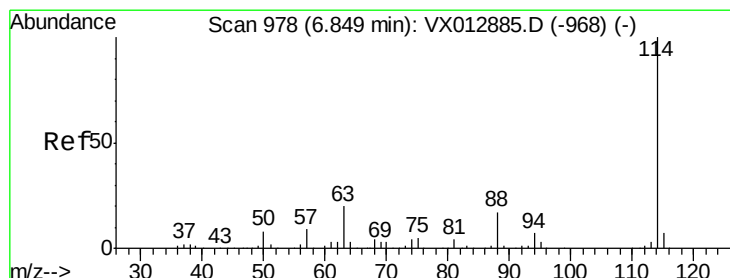
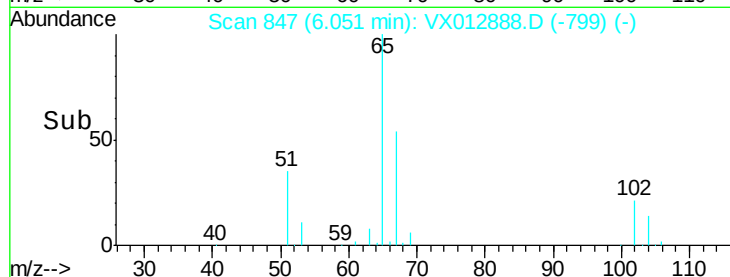
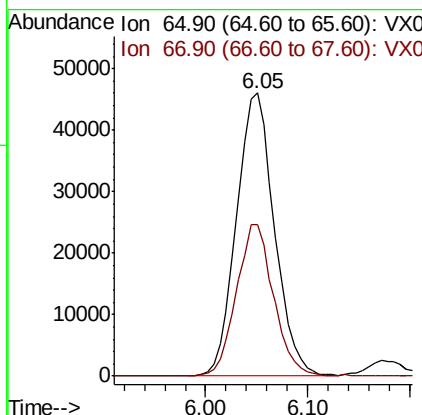
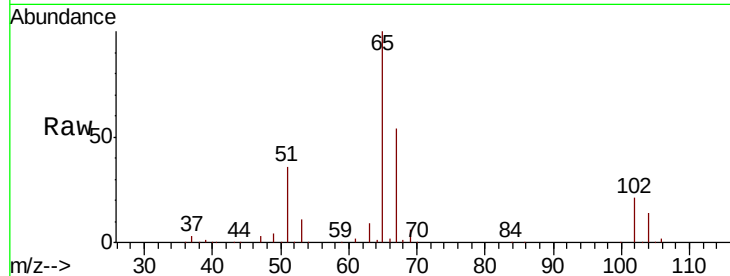
#33
 1,2-Dichloroethane-d4
 Concen: 49.243 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100819

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.4

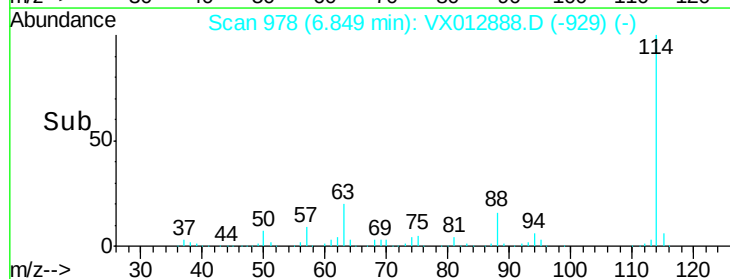
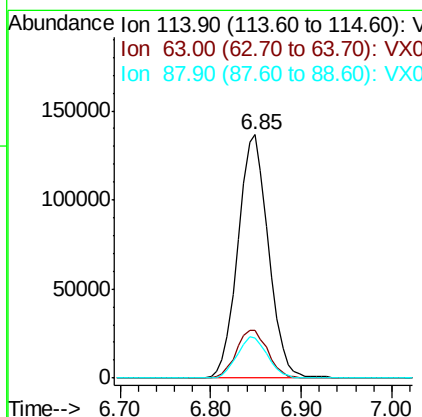
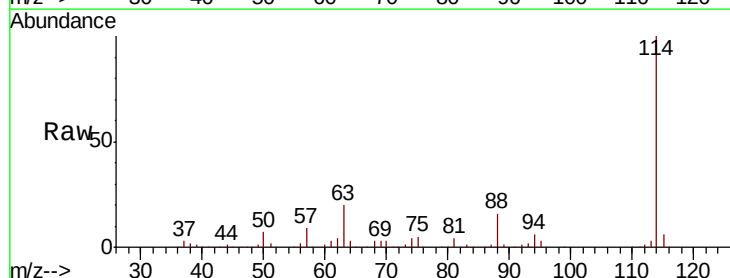
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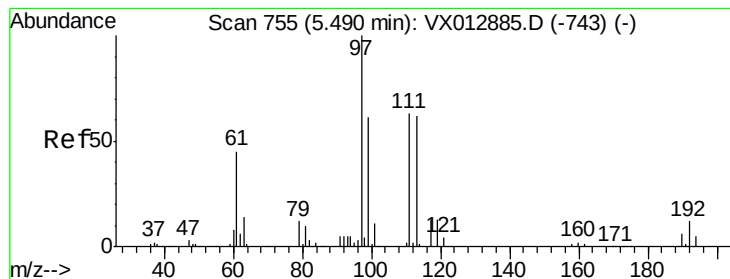
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.8
88	16.5	0.0	33.8





#35

Dibromofluoromethane

Concen: 52.655 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100819

Tot Ion:113 Resp: 96090

Ion Ratio Lower Upper

113 100

111 101.1 83.2 124.8

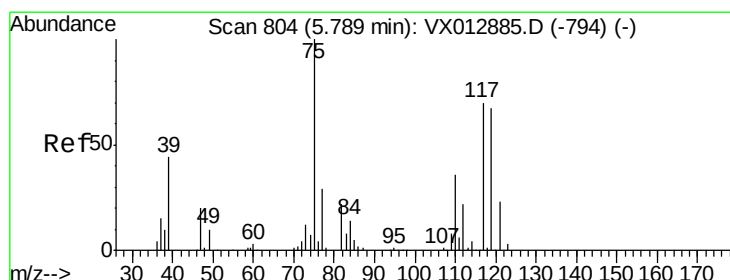
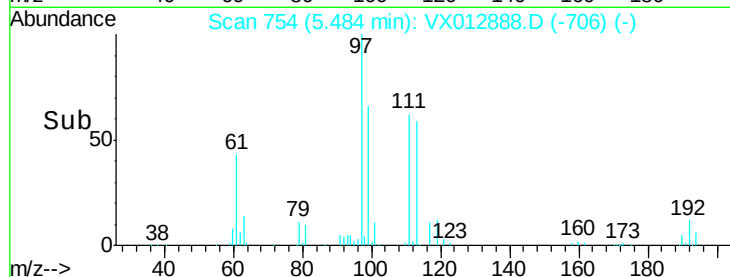
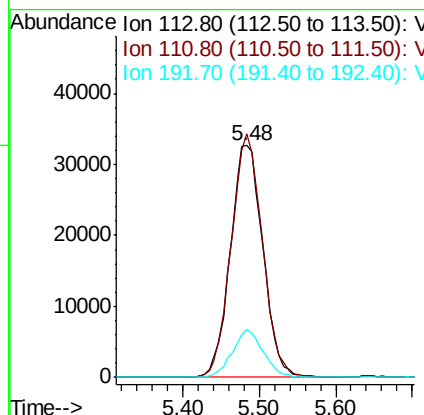
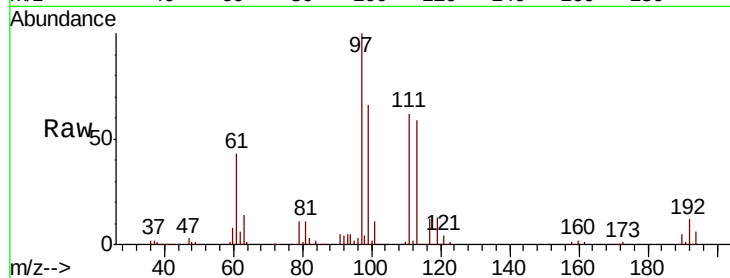
192 19.4 15.4 23.2

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#36

1,1-Dichloropropene

Concen: 54.824 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

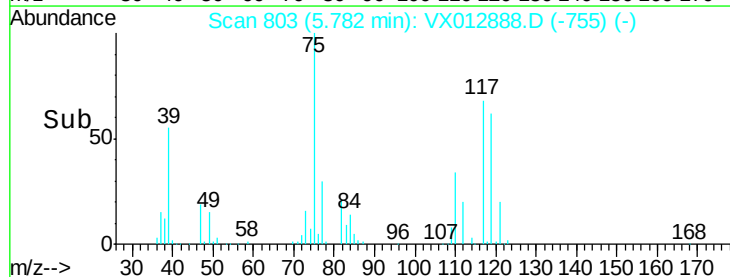
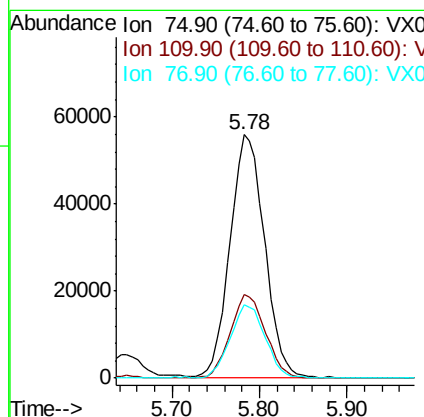
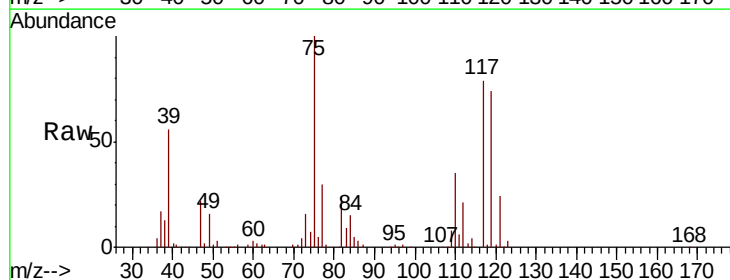
Tgt Ion: 75 Resp: 153258

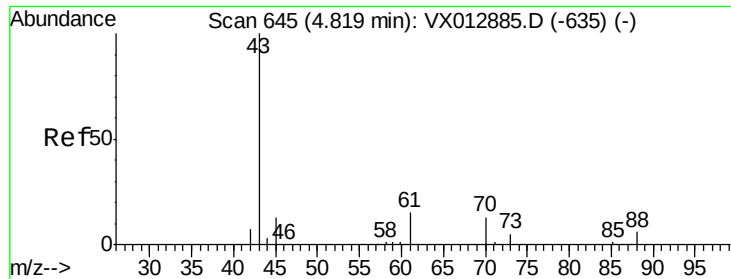
Ion Ratio Lower Upper

75 100

110 35.0 17.6 52.9

77 30.6 24.4 36.6





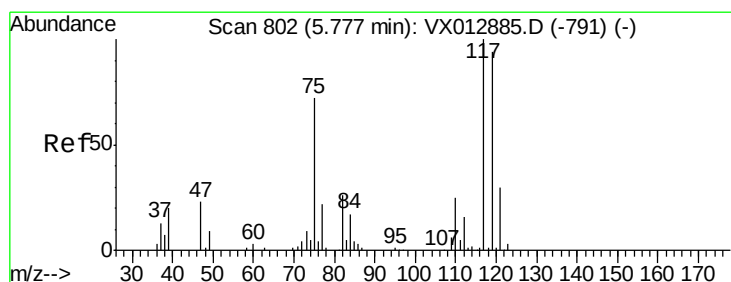
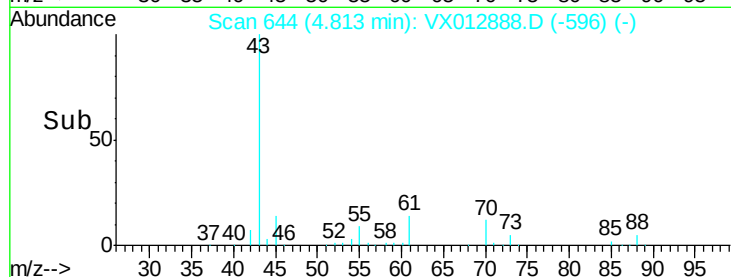
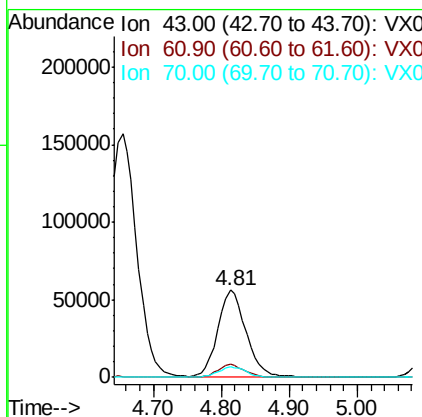
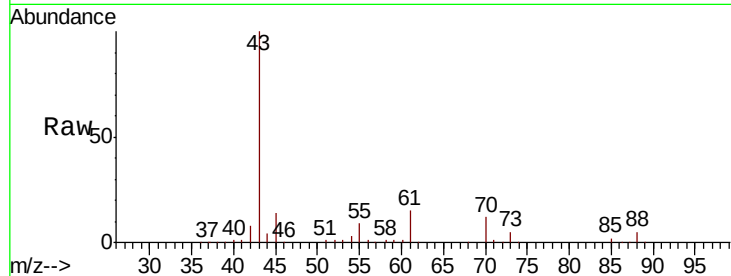
#37
Ethyl Acetate
Concen: 51.600 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100819

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.4	17.0
70	12.0	9.8	14.6

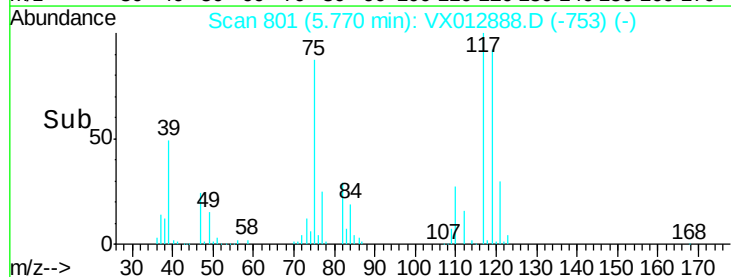
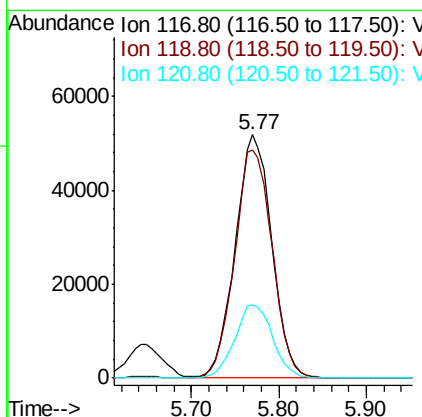
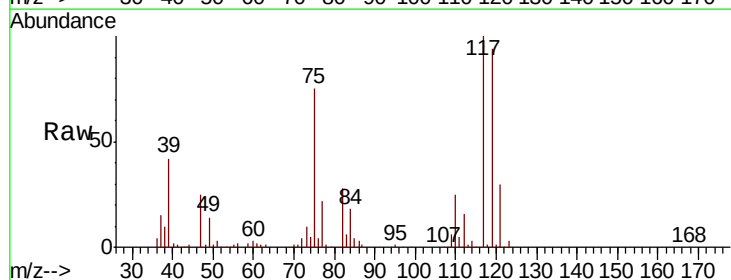
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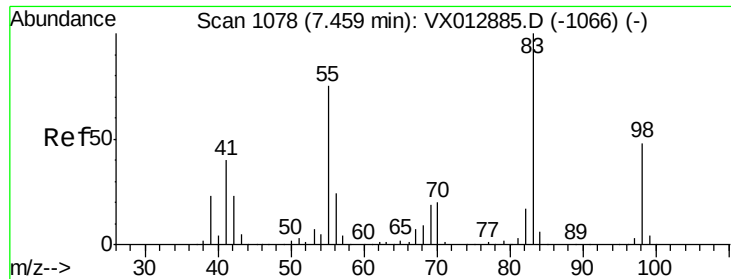
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#38
Carbon Tetrachloride
Concen: 55.316 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	74.5	111.7
121	30.3	24.2	36.4





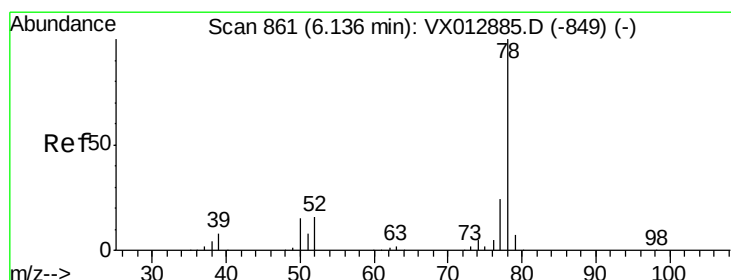
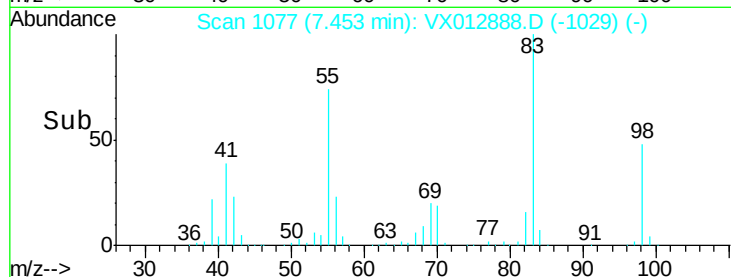
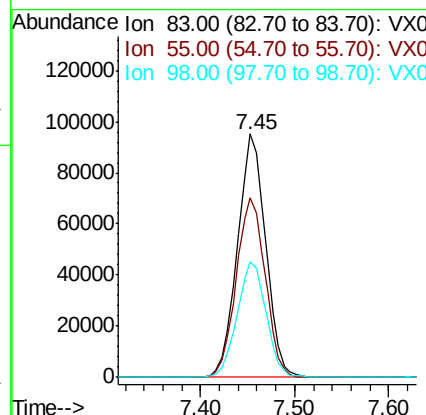
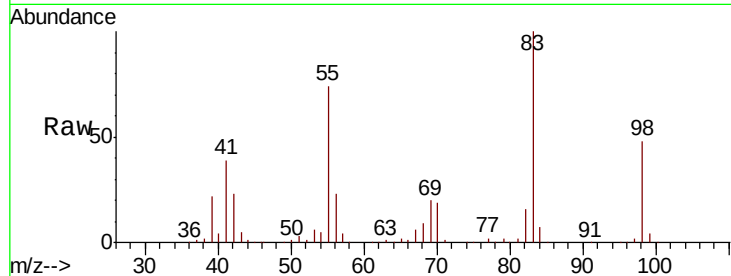
#39
Methylvlcyclohexane
Concen: 58.600 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100819

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.0	60.2	90.4
98	47.7	38.5	57.7

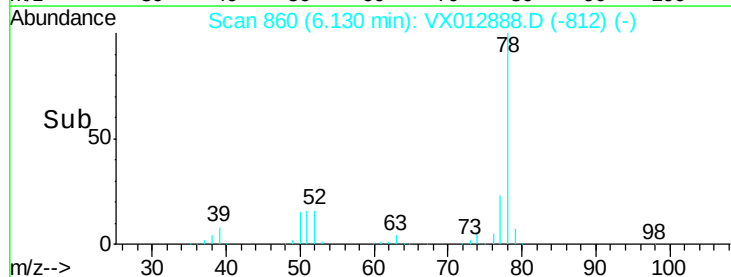
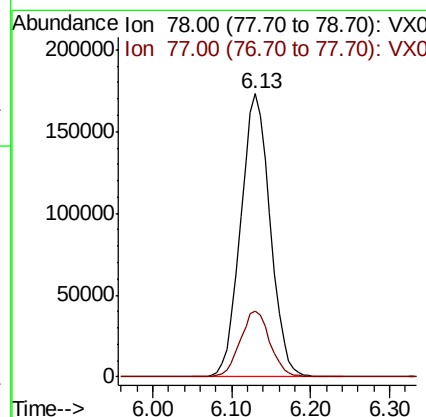
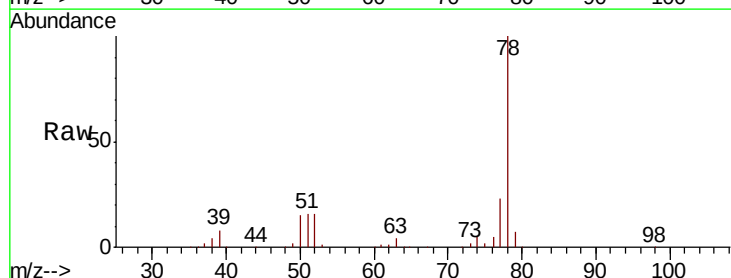
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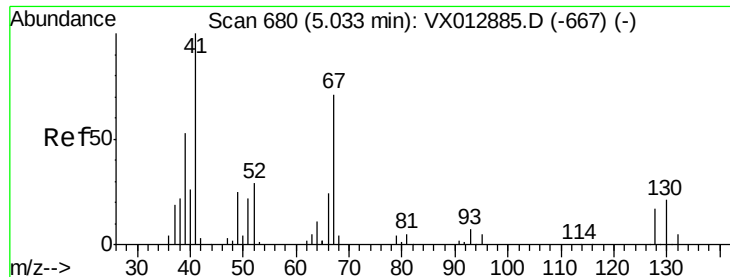
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#40
Benzene
Concen: 54.532 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.4





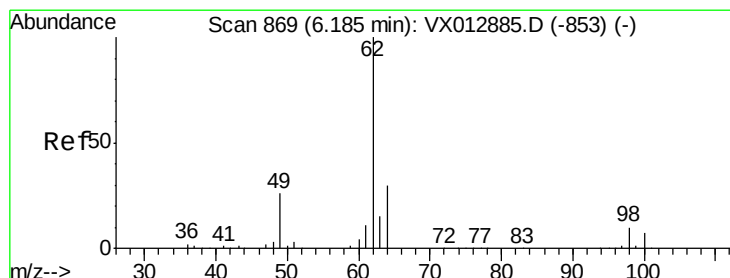
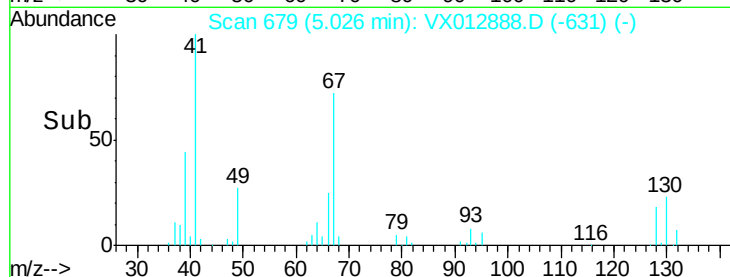
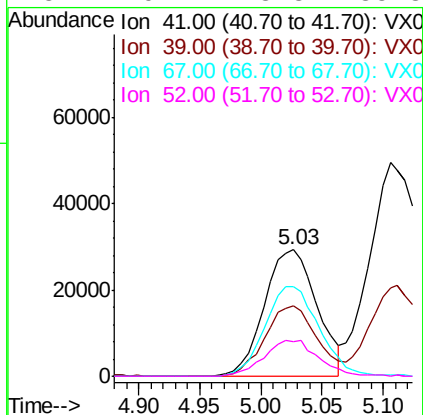
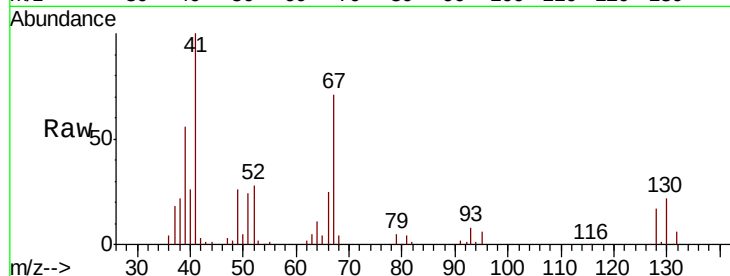
#41
Methacrylonitrile
Concen: 51.178 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100819

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.0	44.0	66.0	
67	73.7	58.5	87.7	
52	29.2	23.8	35.8	

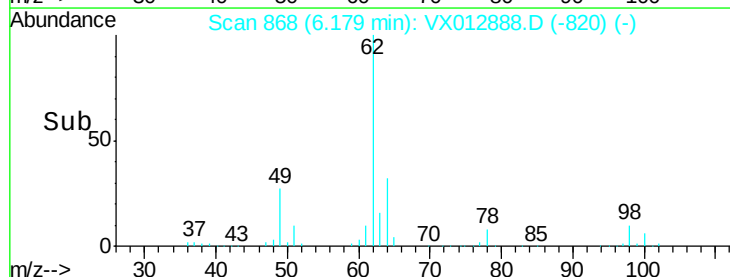
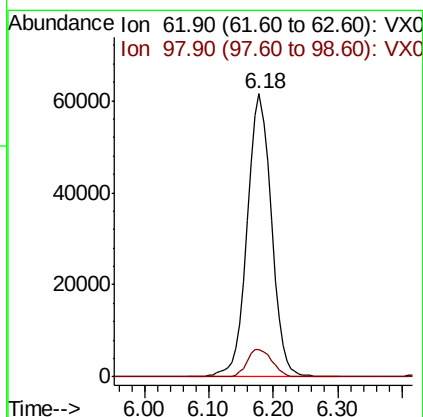
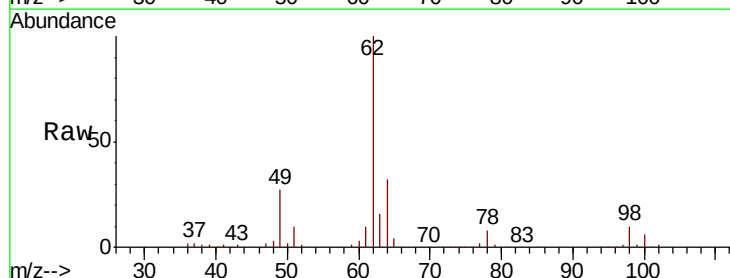
Manual Integrations
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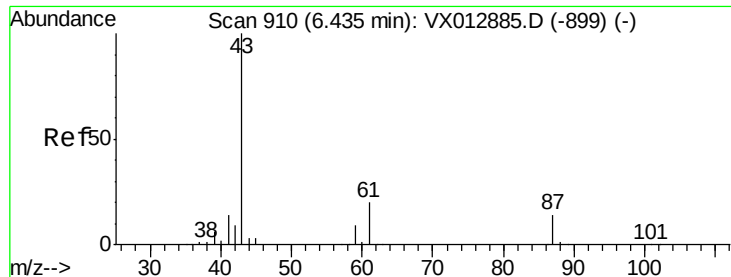
MMDadoda
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#42
1,2-Dichloroethane
Concen: 53.425 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	20.4	





#43

Isopropyl Acetate

Concen: 53.989 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

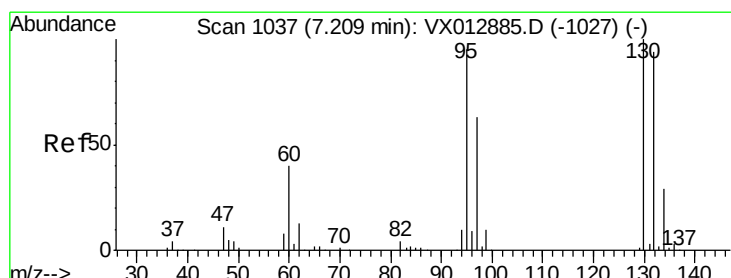
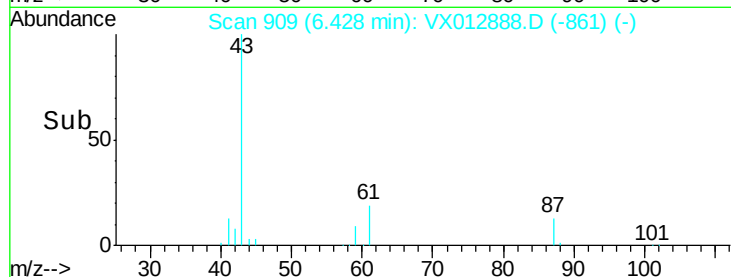
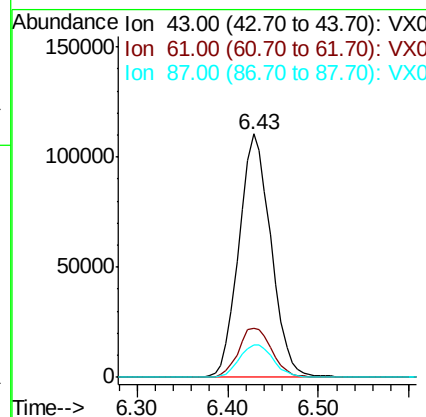
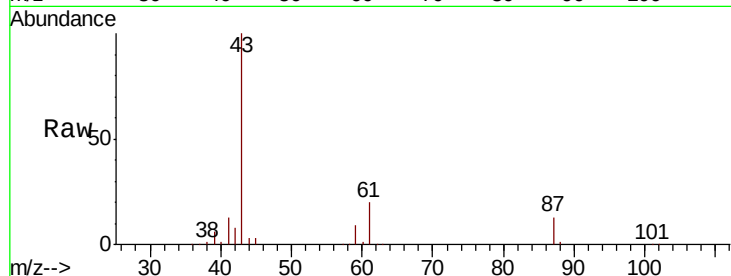
ClientSampleId :

ICVVX100819

Tot Ion:	43	Resp:	270871
Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.6	24.8
87	14.1	11.0	16.6

Manual Integrations
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10/9/2019 10:36:40 AM



#44

Trichloroethene

Concen: 51.803 ug/l

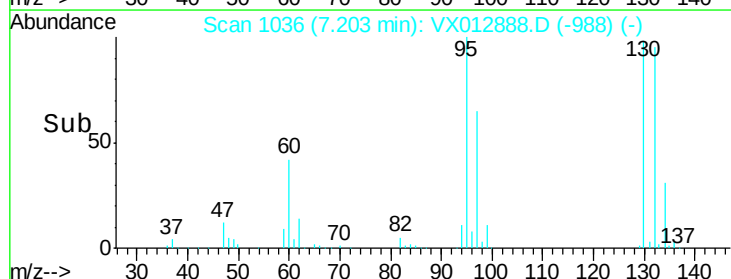
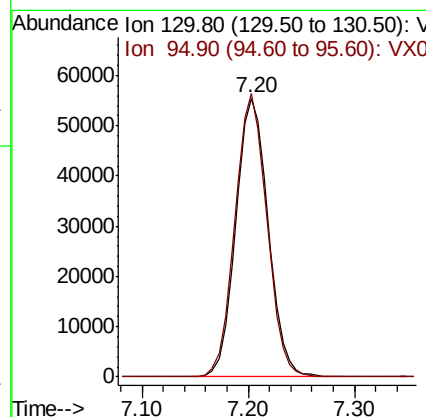
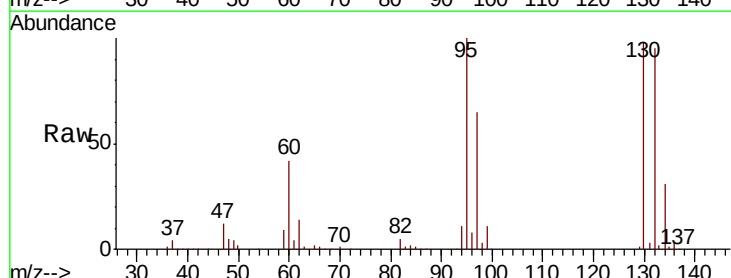
RT: 7.20 min Scan# 1036

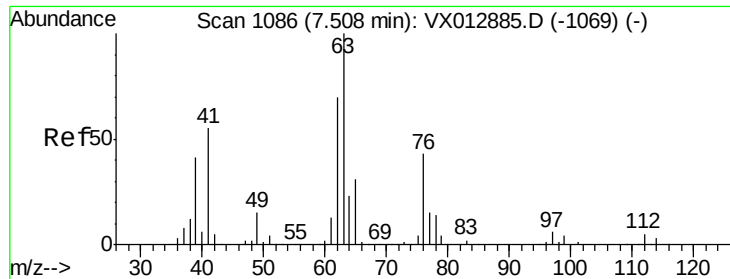
Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Tgt Ion:	130	Resp:	118605
Ion	Ratio	Lower	Upper
130	100		
95	101.7	0.0	189.2





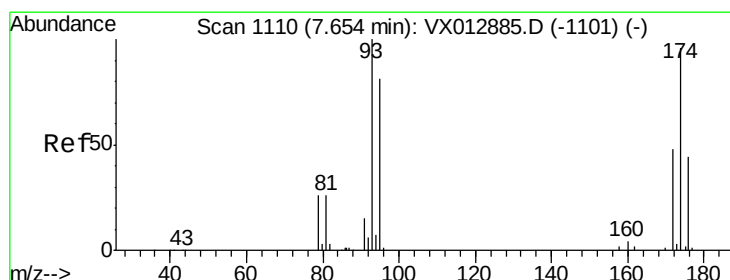
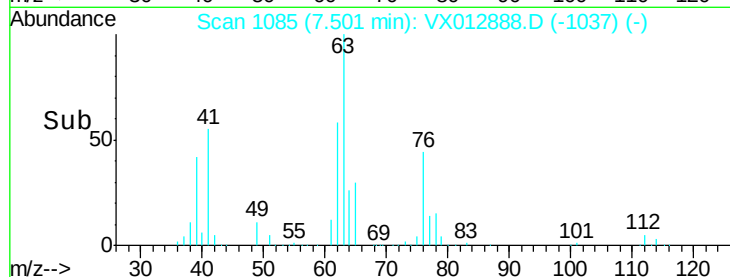
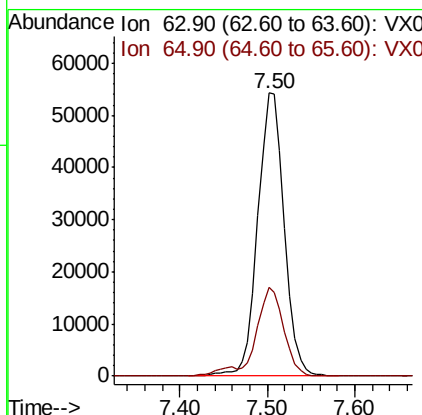
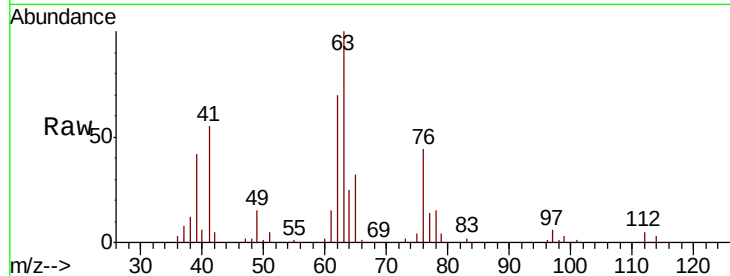
#45
 1,2-Dichloropropane
 Concen: 54.392 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100819

Tot Ion: 63 Resp: 114457
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.6 37.0

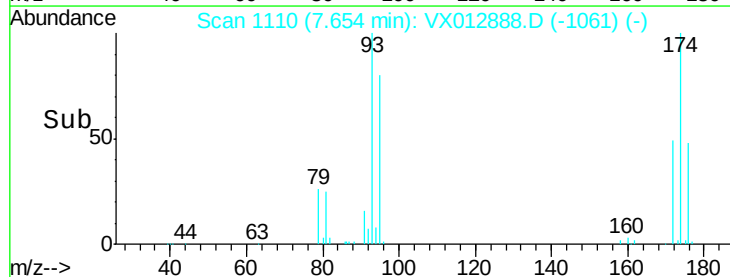
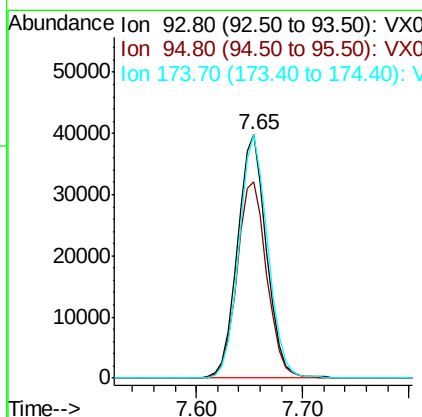
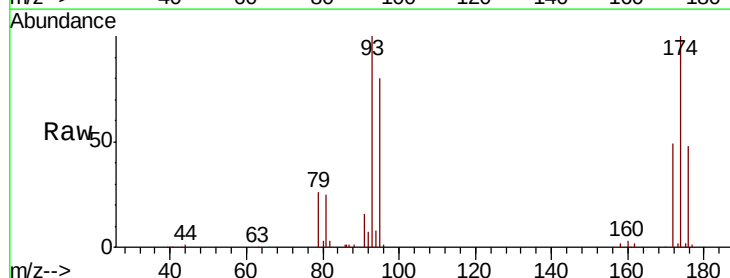
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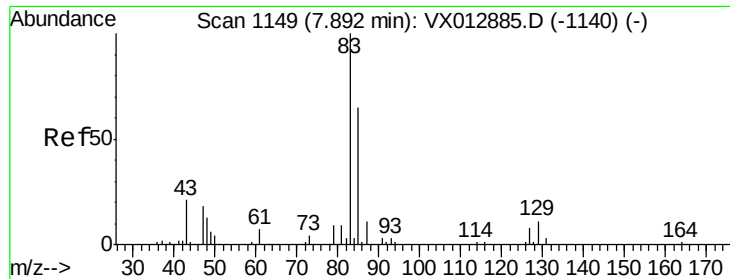
MMDadoda
 10/9/2019 10:36:40 AM



#46
 Dibromomethane
 Concen: 54.119 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Tgt Ion: 93 Resp: 75875
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.3 99.5
 174 99.3 77.8 116.6





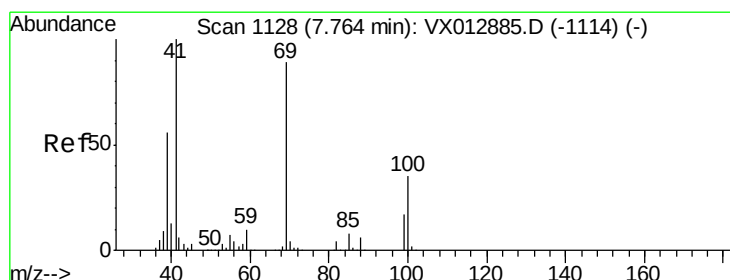
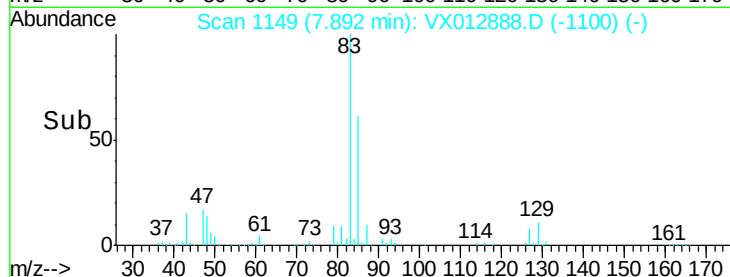
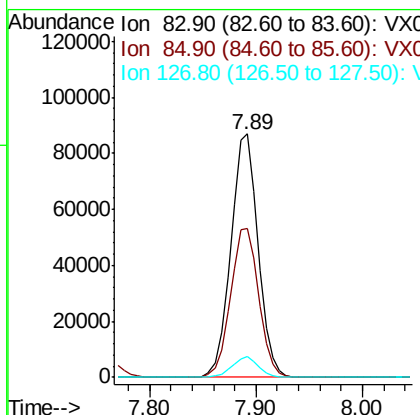
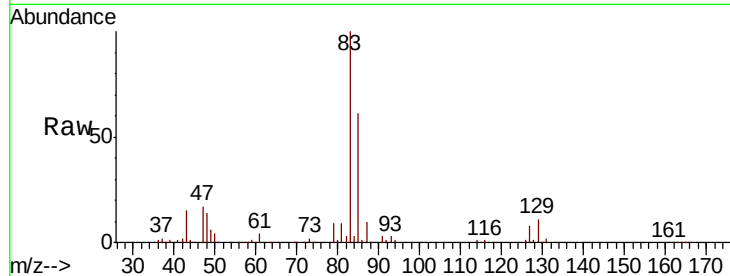
#47
Bromodichloromethane
Concen: 56.847 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100819

Tot Ion	Ratio	Resp	Lower	Upper
83	100	155536		
85	61.4	52.4	78.6	
127	8.3	6.6	10.0	

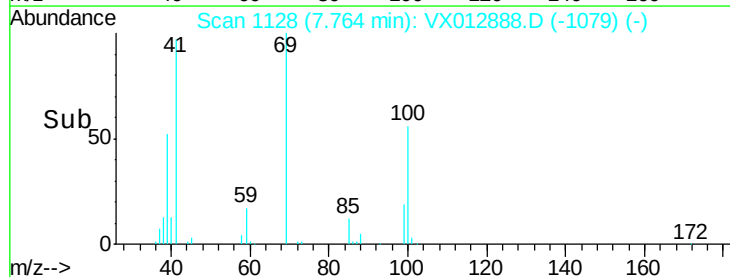
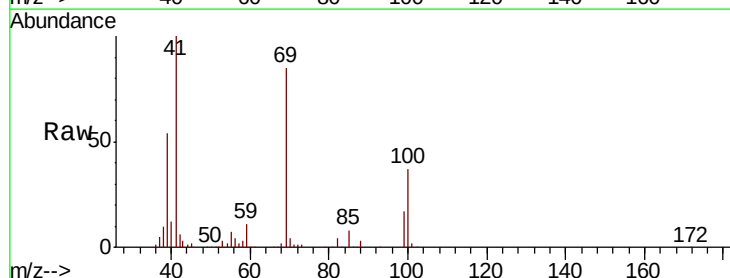
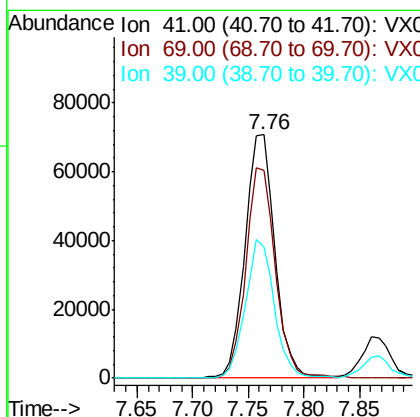
Manual Integrations
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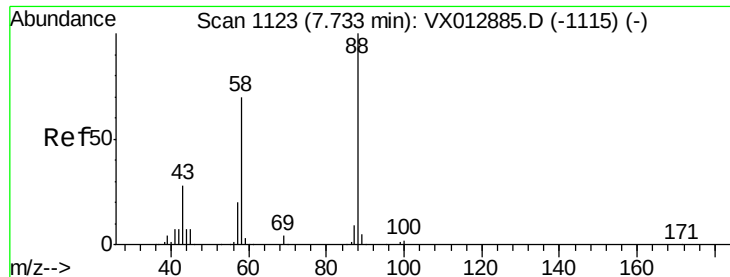
MMDadoda
10/9/2019 10:36:40 AM



#48
Methyl methacrylate
Concen: 54.280 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	132708		
69	85.4	68.7	103.1	
39	55.0	44.3	66.5	





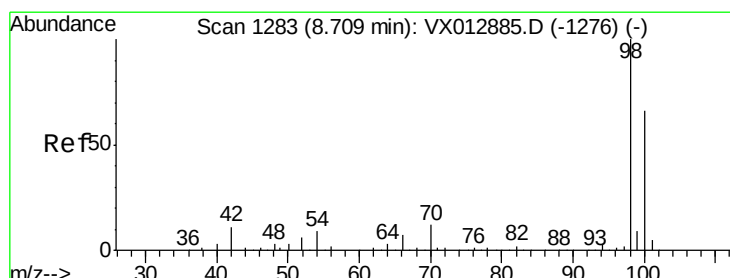
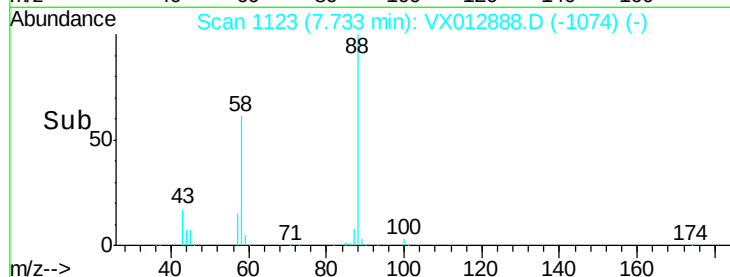
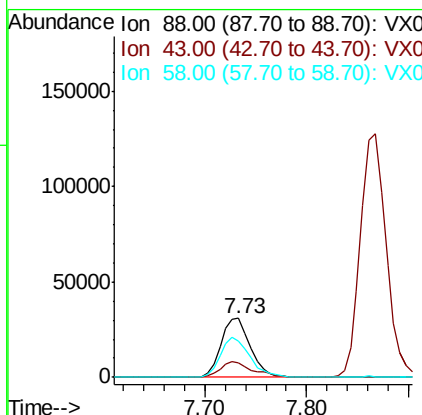
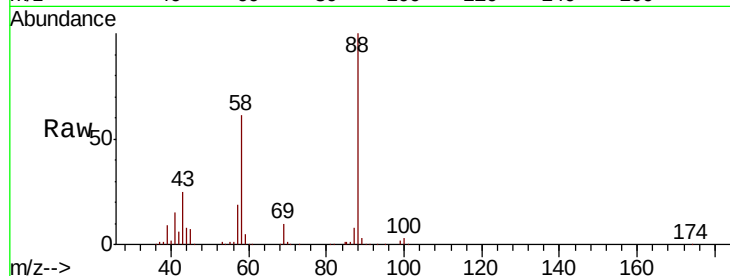
#49
1,4-Dioxane
Concen: 947.449 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100819

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.2	25.0	37.6
58	68.2	55.4	83.2

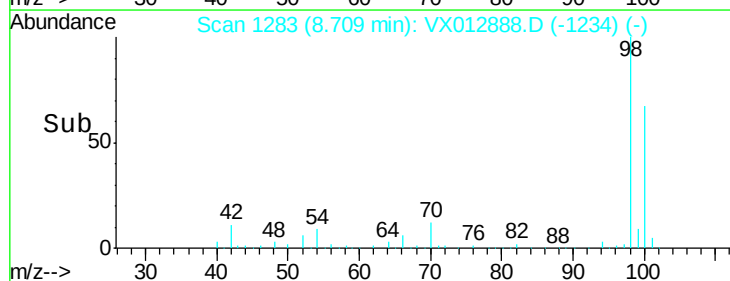
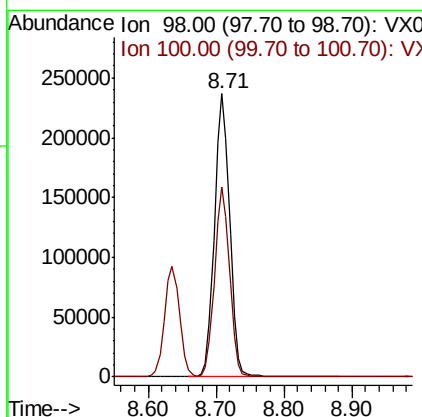
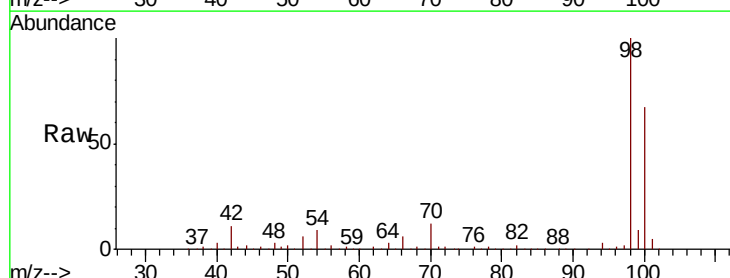
Manual Integrations
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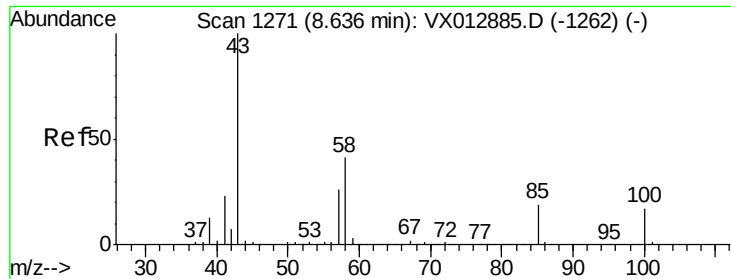
MMDadoda
10/9/2019 10:36:40 AM



#50
Toluene-d8
Concen: 51.830 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 260.780 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100819

Tot Ion: 43 Resp: 815735

Ion Ratio Lower Upper

43 100

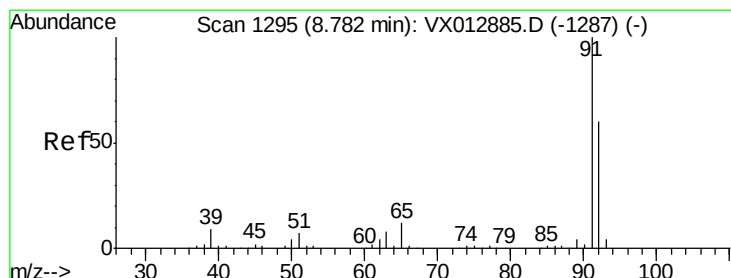
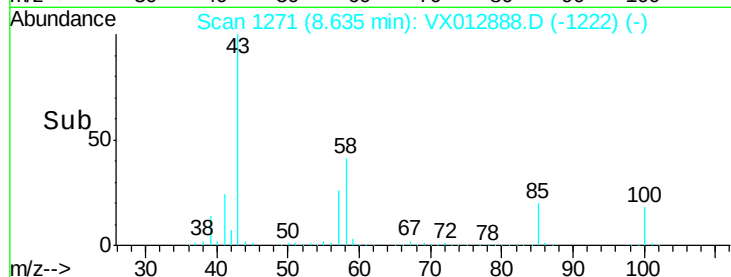
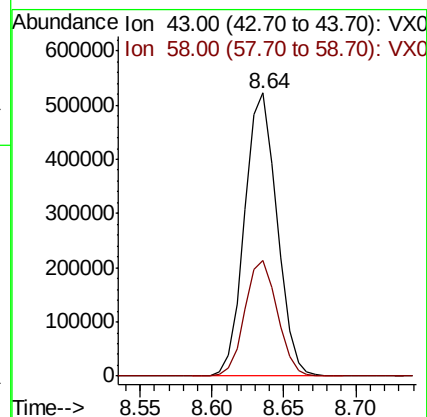
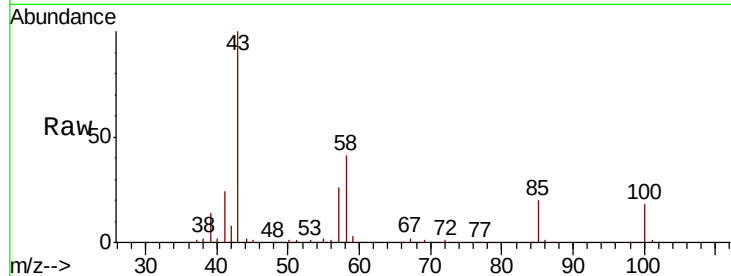
58 40.7 32.4 48.6

Manual Integrations

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MMDadoda

10/9/2019 10:36:40 AM



#52

Toluene

Concen: 54.613 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012888.D

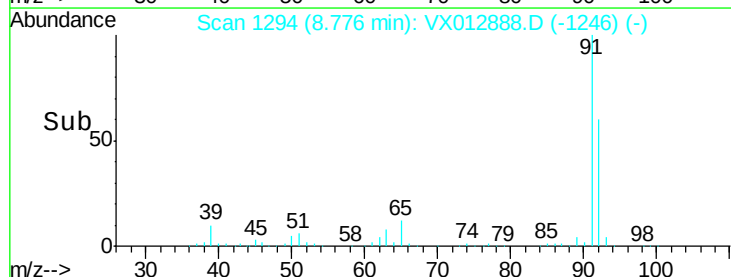
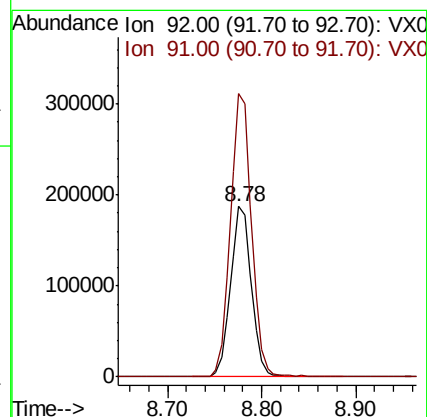
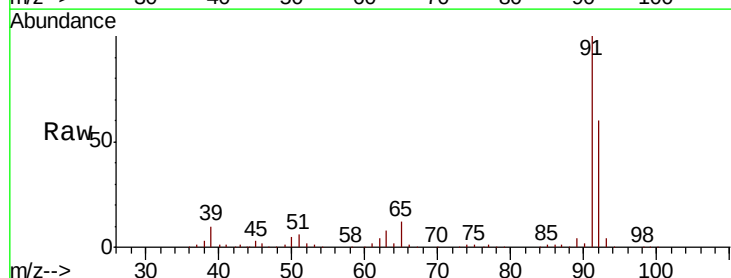
Acq: 08 Oct 2019 14:17

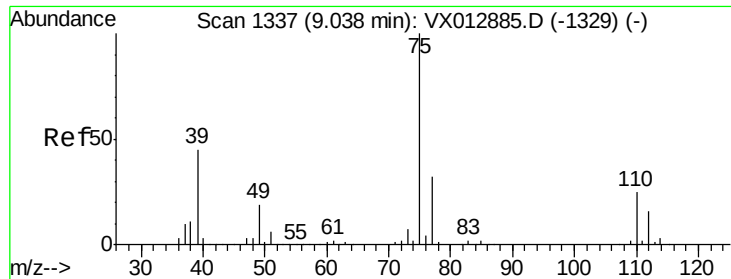
Tgt Ion: 92 Resp: 288470

Ion Ratio Lower Upper

92 100

91 167.9 135.9 203.9





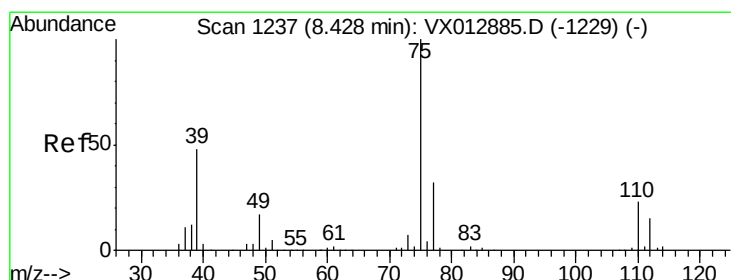
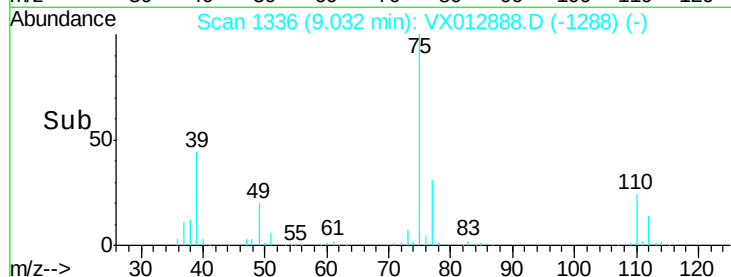
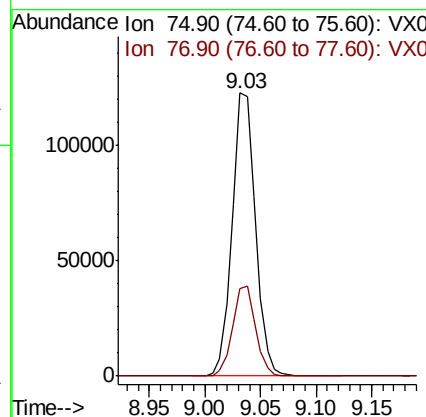
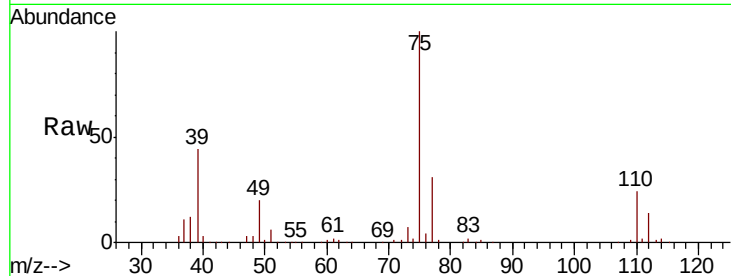
#53
t-1,3-Dichloropropene
Concen: 52.081 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampled :
ICVVX100819

Tot Ion	Ratio	Resp	Lower	Upper
75	100	178151		
77	31.1	25.8	38.6	

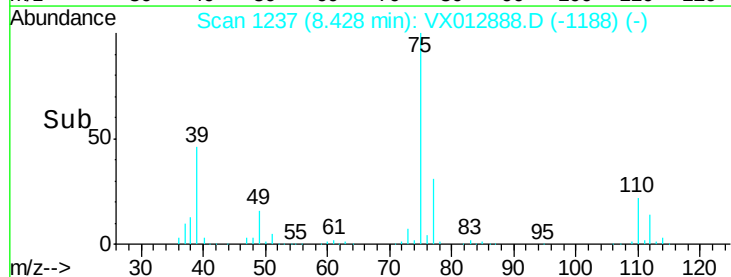
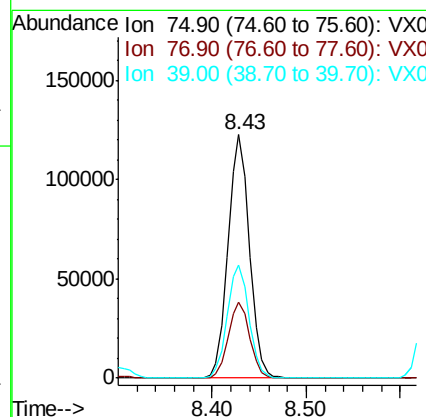
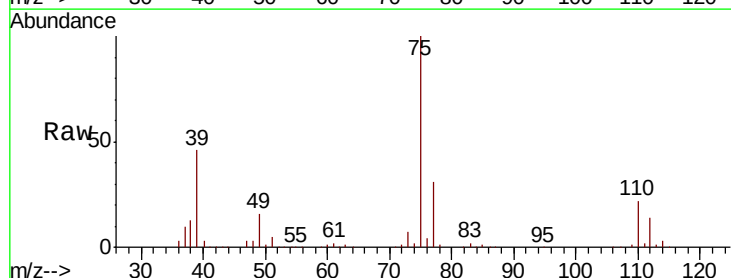
Manual Integrations
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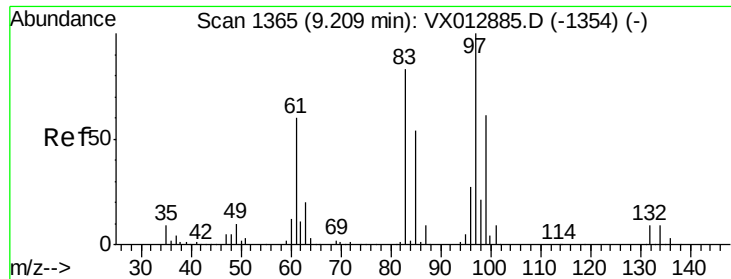
MMDadoda
10/9/2019 10:36:40 AM



#54
cis-1,3-Dichloropropene
Concen: 57.173 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	192392		
77	31.1	25.8	38.8	
39	46.2	38.2	57.2	





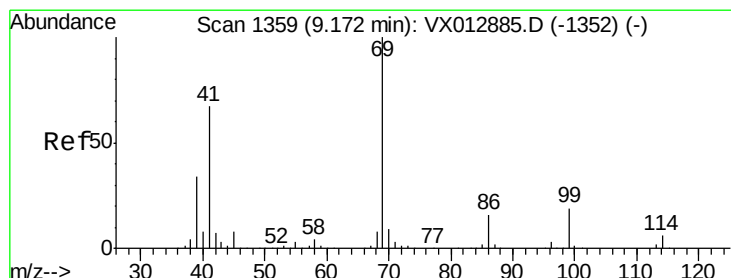
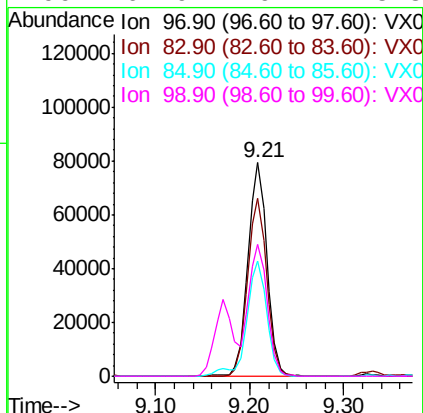
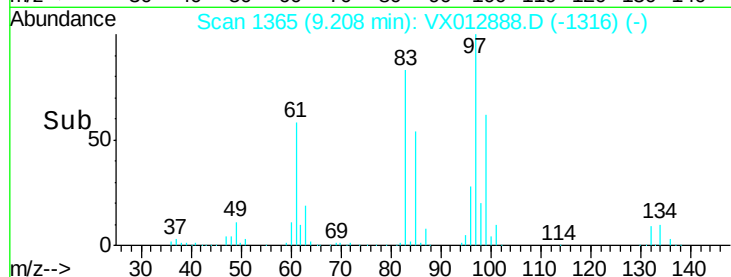
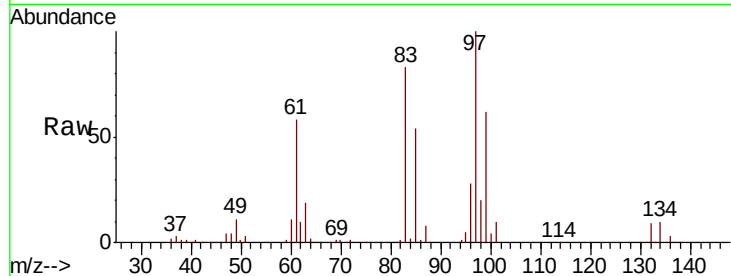
#55
 1,1,2-Trichloroethane
 Concen: 53.837 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100819

Tot Ion:	97	Resp:	112539
Ion	Ratio	Lower	Upper
97	100		
83	83.5	66.5	99.7
85	53.8	43.1	64.7
99	61.9	49.2	73.8

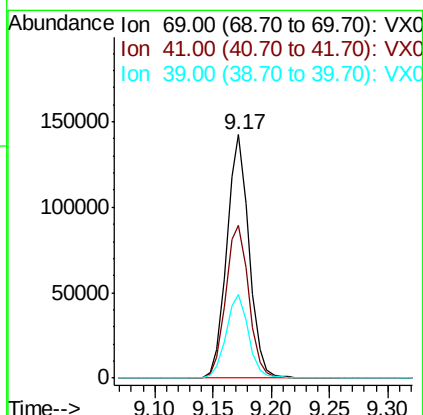
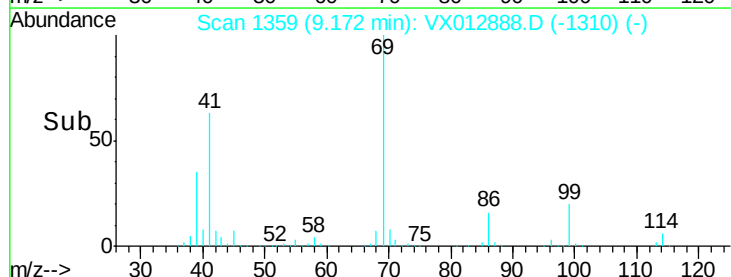
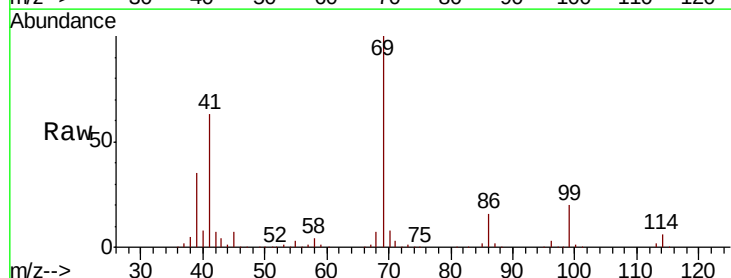
Manual Integrations
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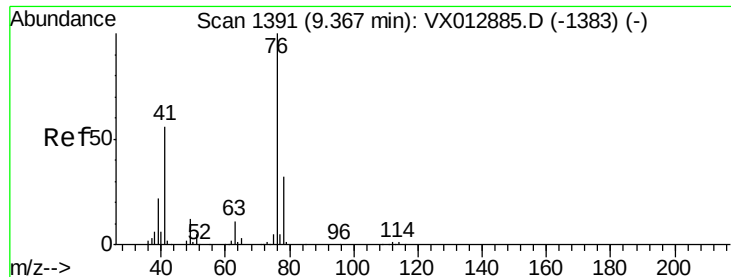
MMDadoda
 10/9/2019 10:36:40 AM



#56
 Ethyl methacrylate
 Concen: 50.550 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Tgt Ion:	69	Resp:	189297
Ion	Ratio	Lower	Upper
69	100		
41	65.4	52.1	78.1
39	34.4	27.8	41.8





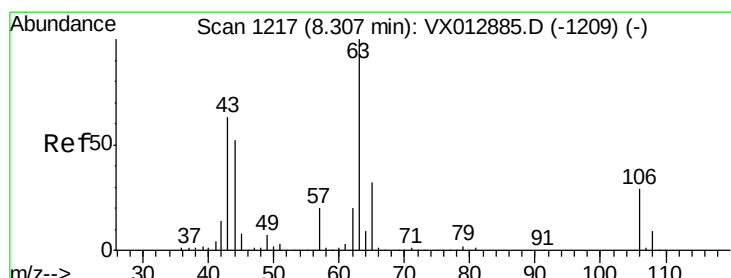
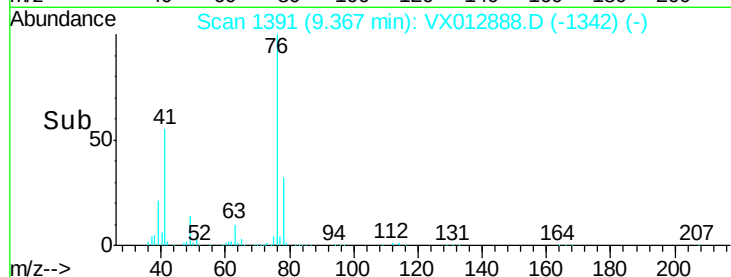
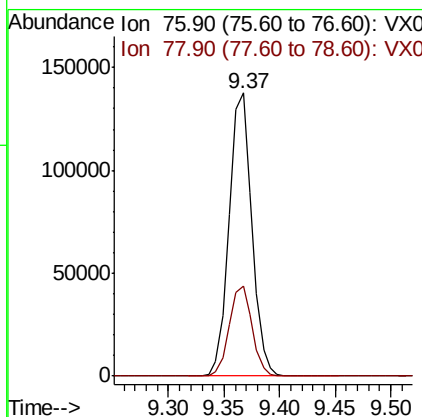
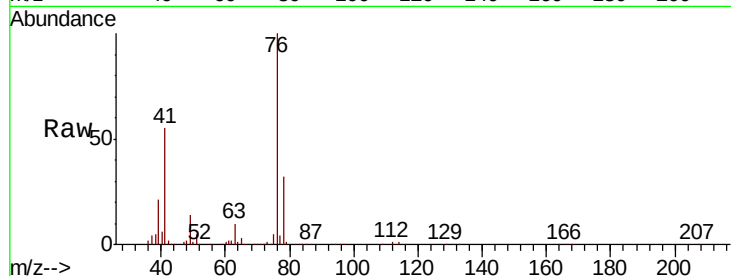
#57
 1,3-Dichloropropane
 Concen: 53.888 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100819

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.1	39.1

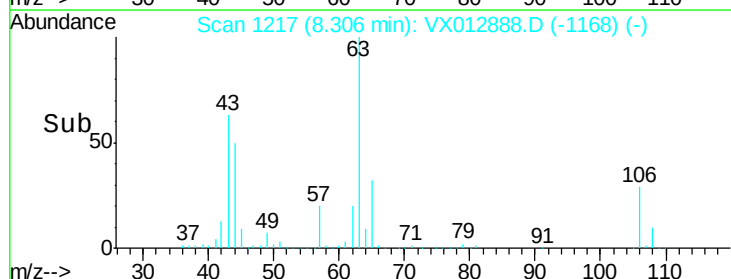
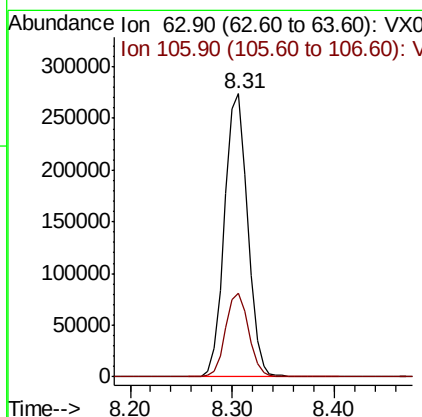
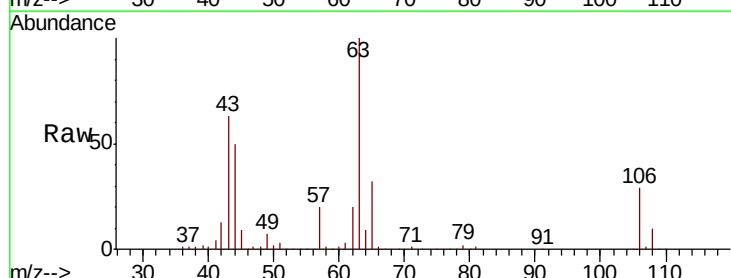
Manual Integrations
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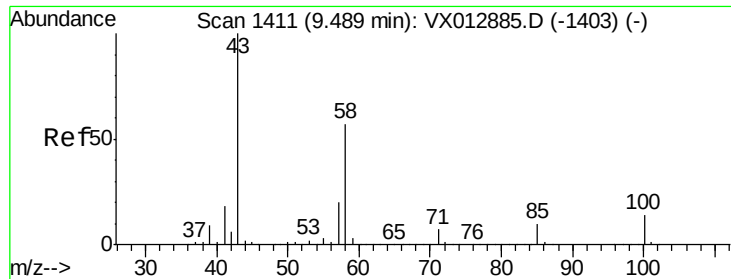
MMDadoda
 10/9/2019 10:36:40 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 280.276 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.5	23.8	35.8





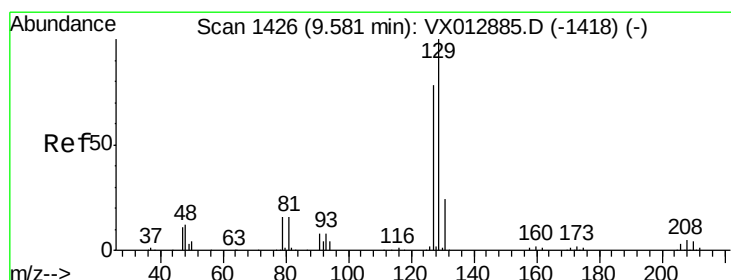
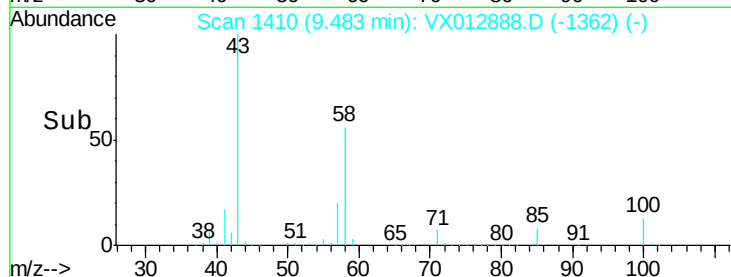
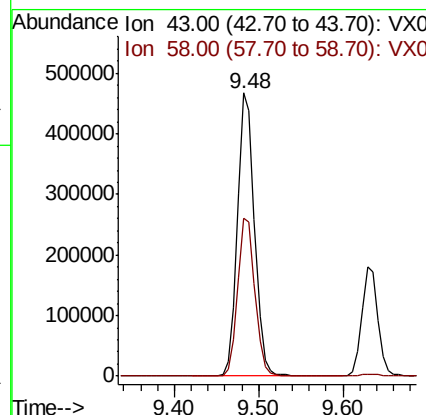
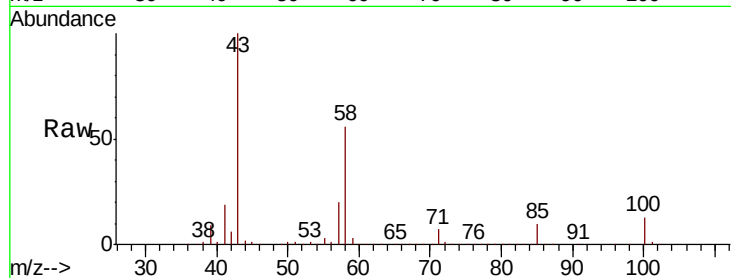
#59
2-Hexanone
Concen: 264.013 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100819

Tot Ion: 43 Resp: 642871
Ion Ratio Lower Upper
43 100
58 56.7 28.1 84.3

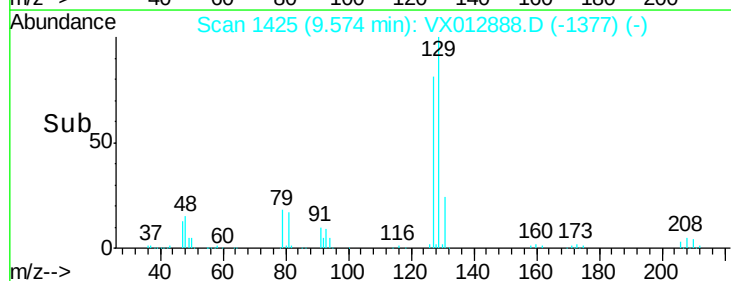
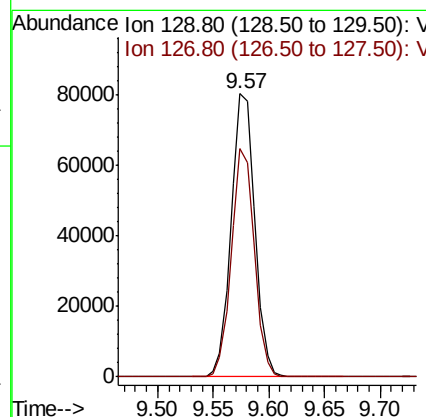
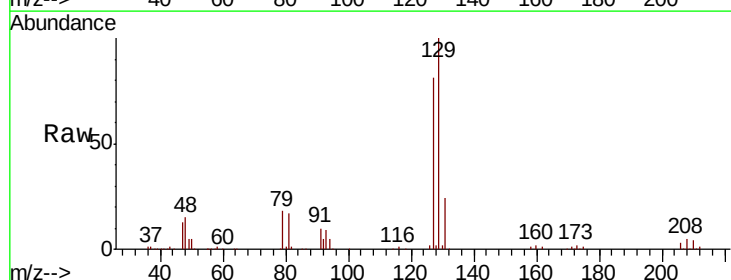
Manual Integrations
APPROVED

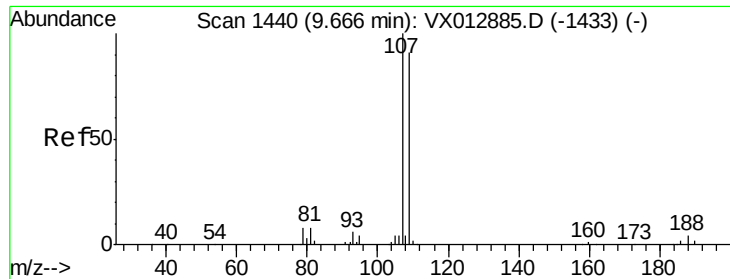
MMDadoda
10/9/2019 10:36:40 AM



#60
Dibromochloromethane
Concen: 50.711 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion: 129 Resp: 118028
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.7





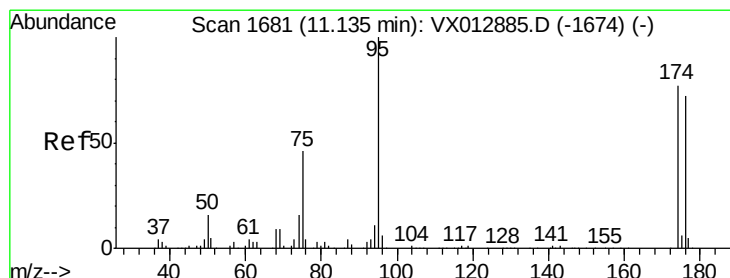
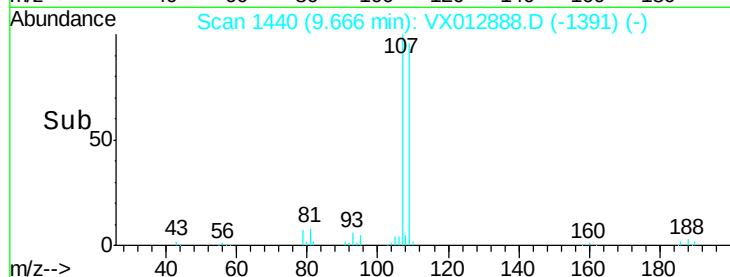
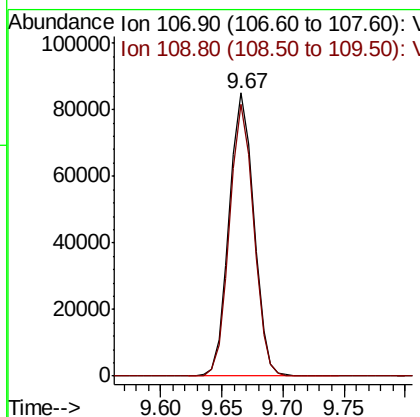
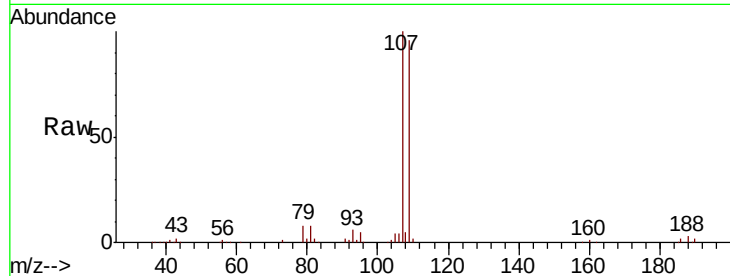
#61
 1,2-Dibromoethane
 Concen: 54.040 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100819

Tot Ion	Ratio	Resp	Lower	Upper
107	100	118832		
109	93.8	75.8	113.6	

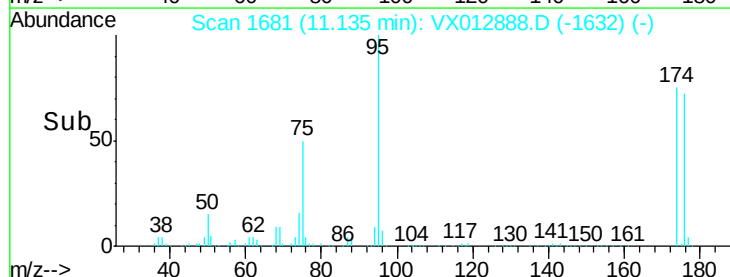
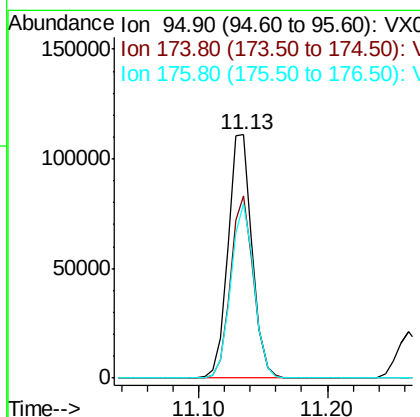
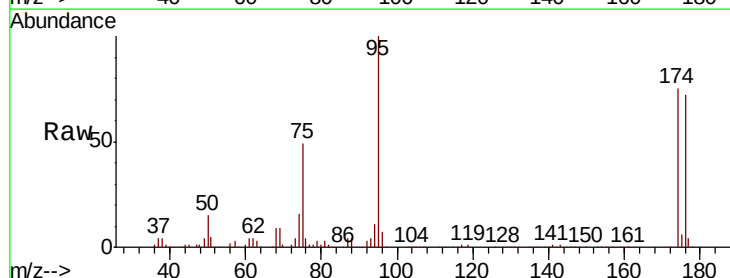
Manual Integrations
 APPROVED

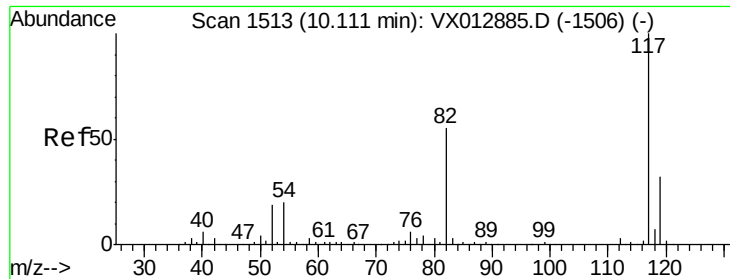
MMDadoda
 10/9/2019 10:36:40 AM



#62
 4-Bromofluorobenzene
 Concen: 52.746 ug/l
 RT: 11.13 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	145871		
174	71.3	0.0	143.4	
176	69.0	0.0	136.0	





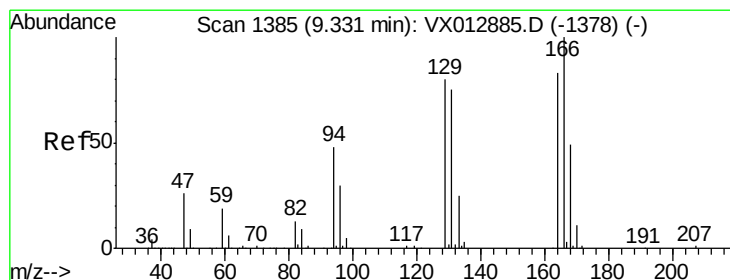
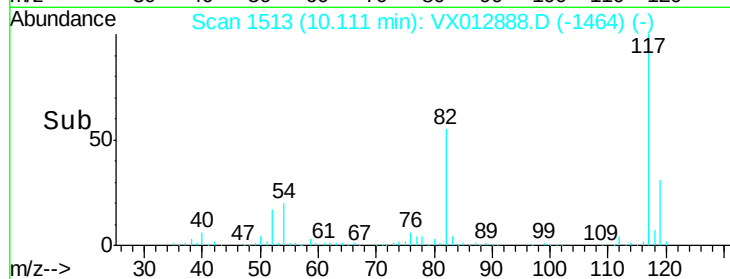
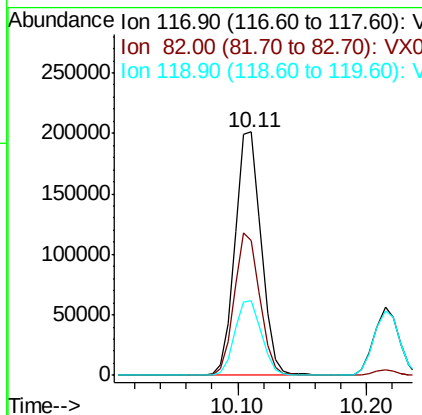
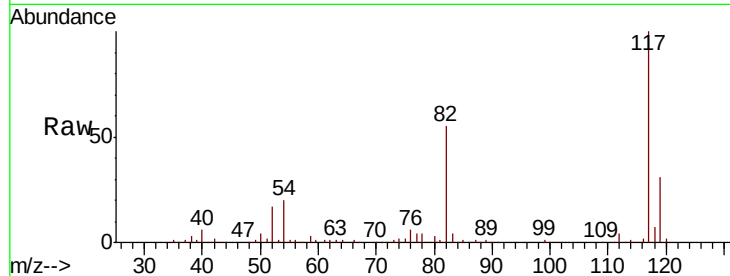
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100819

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.1	66.1
119	30.9	25.8	38.8

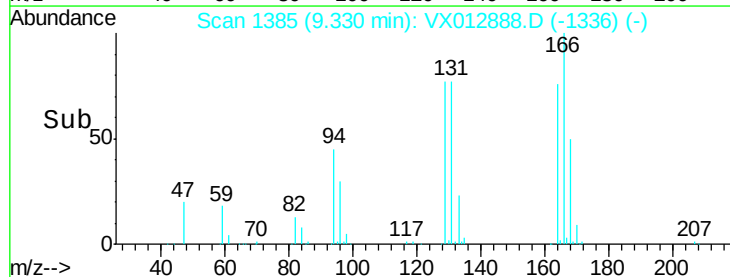
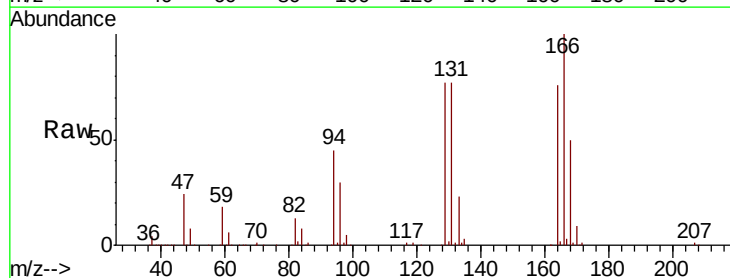
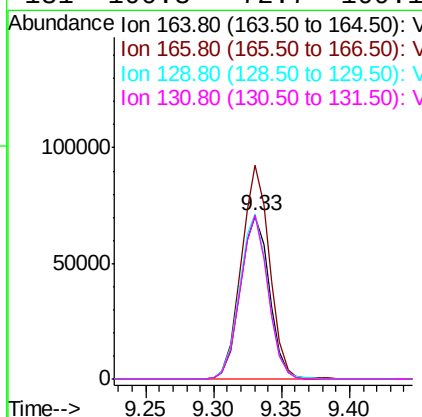
Manual Integrations
APPROVED

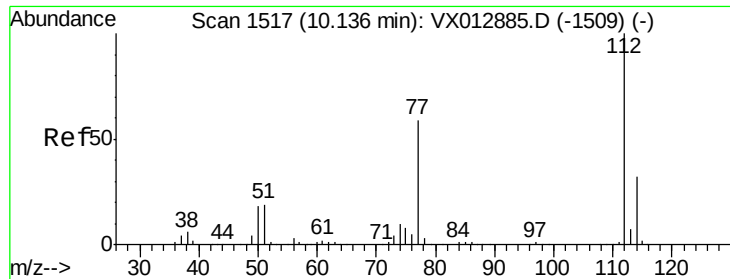
MMDadoda
10/9/2019 10:36:40 AM



#64
Tetrachloroethene
Concen: 52.960 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.9	96.9	145.3
129	101.3	77.9	116.9
131	100.3	72.7	109.1





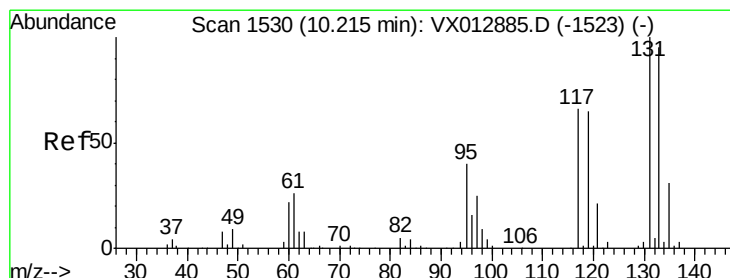
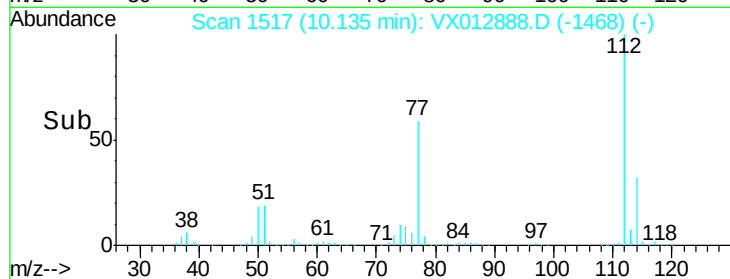
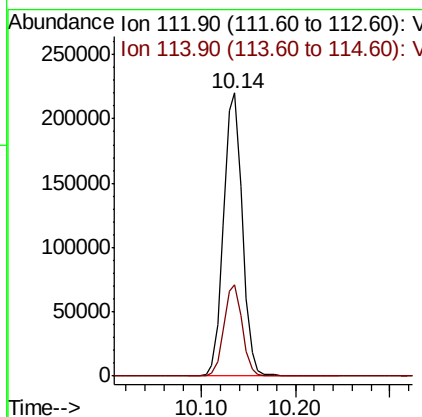
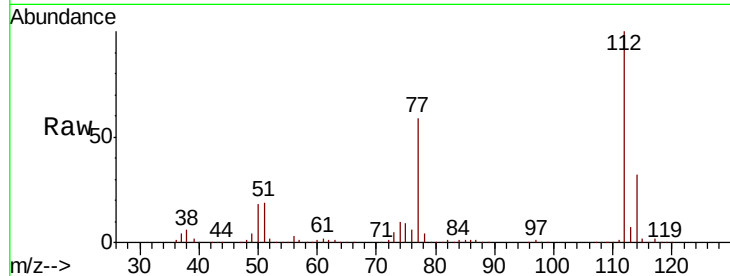
#65
Chlorobenzene
Concen: 53.784 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100819

Tot Ion:112 Resp: 303984
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

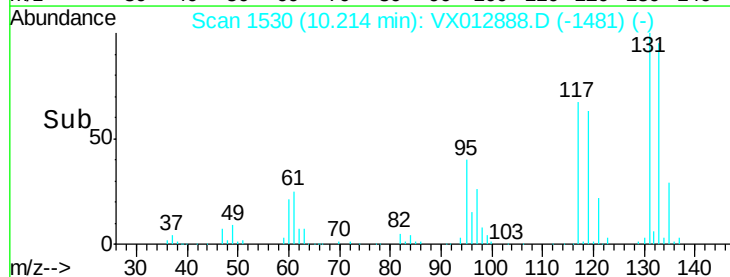
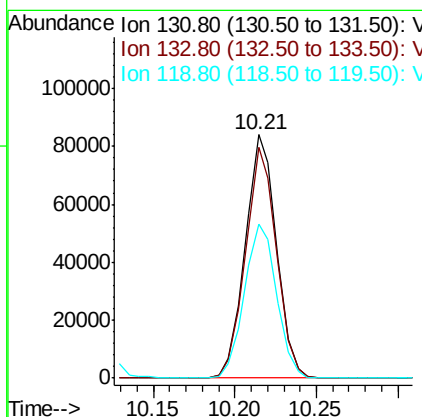
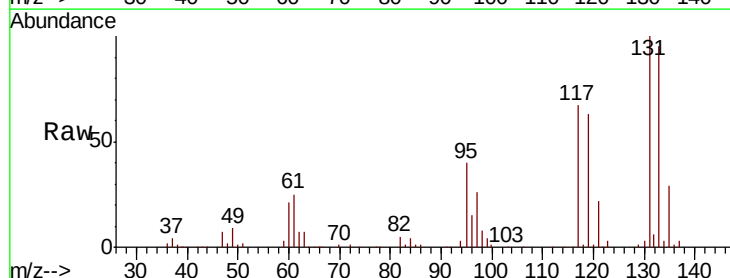
Manual Integrations
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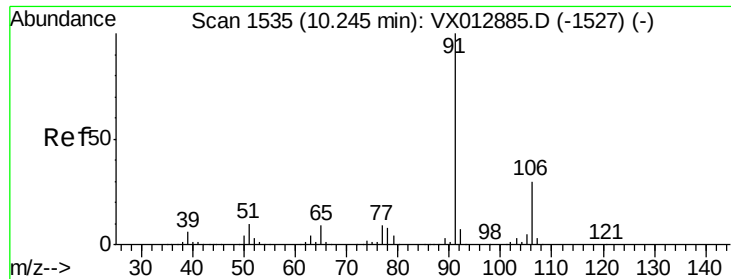
MMDadoda
10/9/2019 10:36:40 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 57.096 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion:131 Resp: 111887
Ion Ratio Lower Upper
131 100
133 94.2 47.2 141.6
119 65.6 32.6 98.0





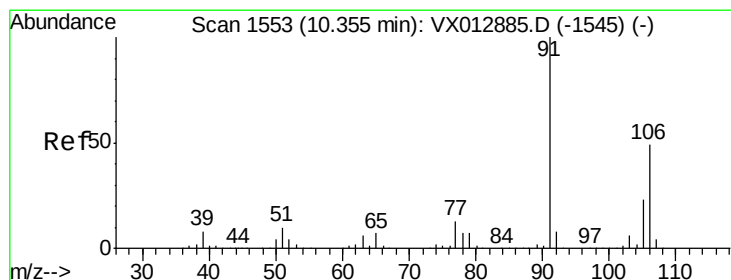
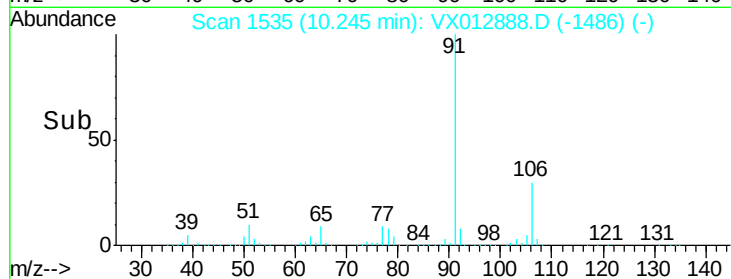
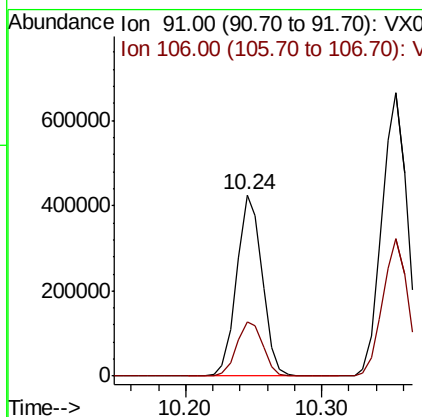
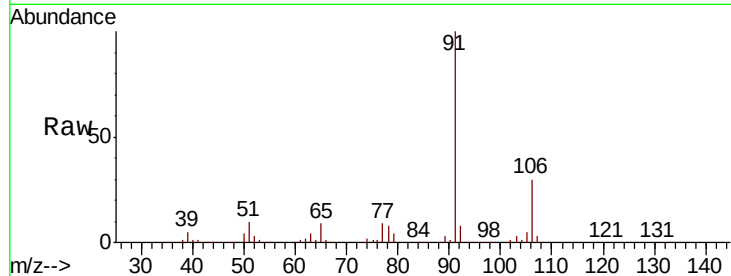
#67
Ethyl Benzene
Concen: 55.391 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100819

Tot Ion: 91 Resp: 556092
Ion Ratio Lower Upper
91 100
106 30.0 23.9 35.9

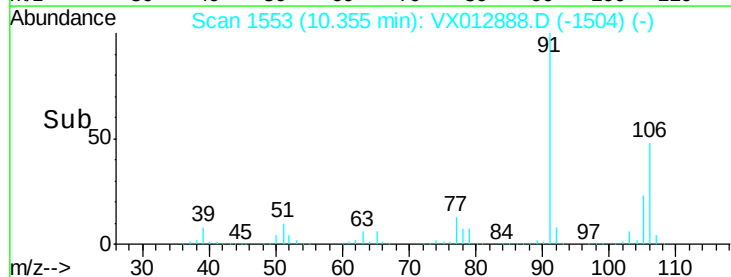
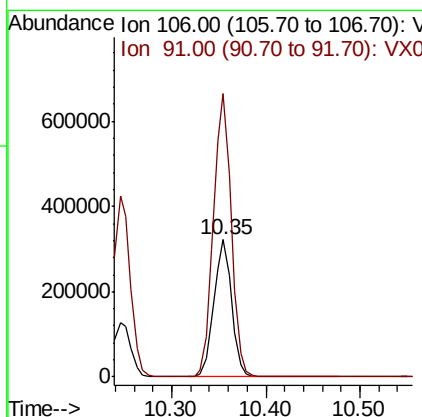
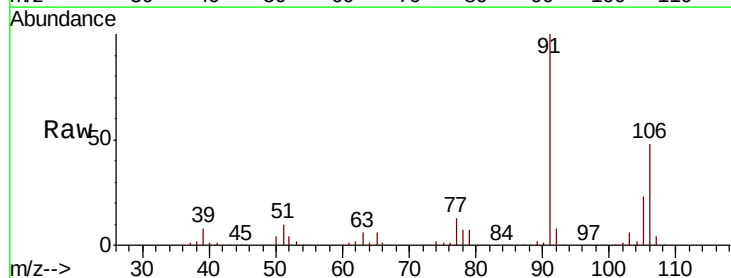
Manual Integrations
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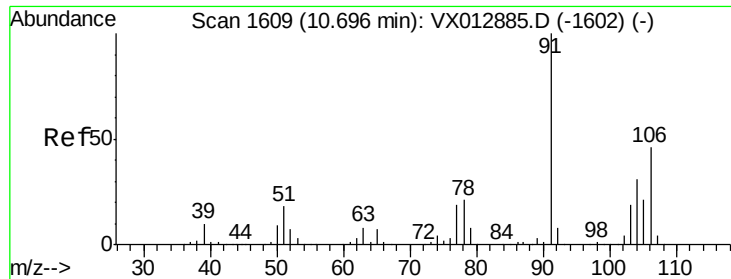
MMDadoda
10/9/2019 10:36:40 AM



#68
m/p-Xylenes
Concen: 111.418 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion: 106 Resp: 417878
Ion Ratio Lower Upper
106 100
91 209.0 165.3 247.9





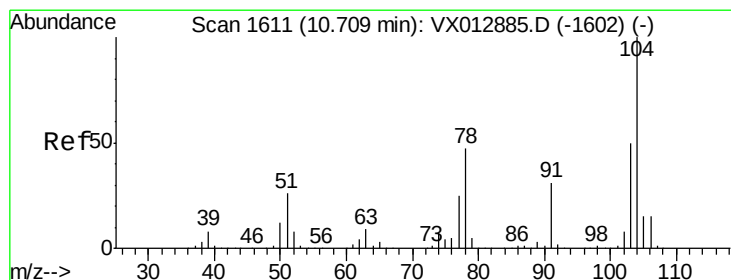
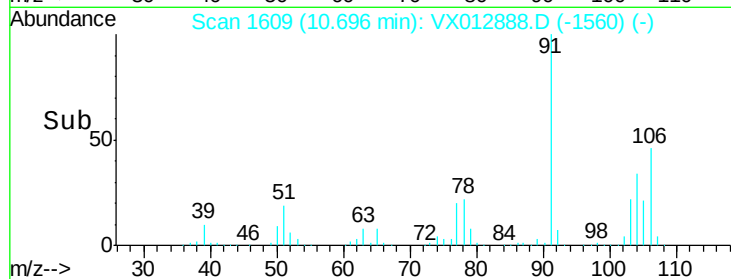
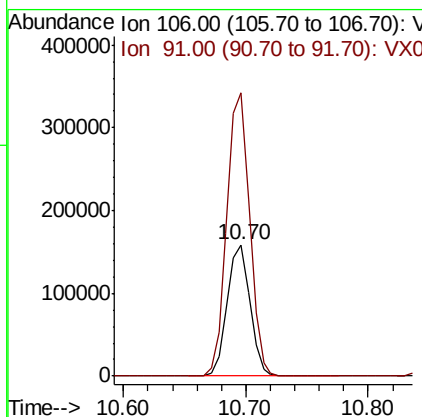
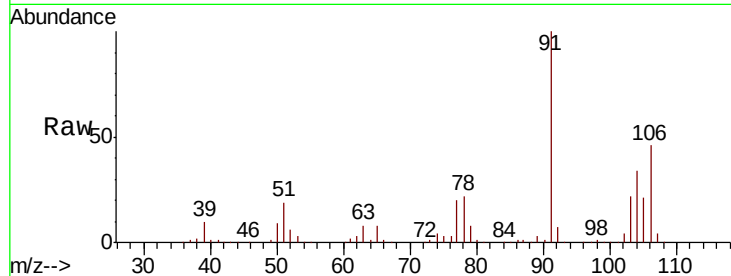
#69
o-Xylene
Concen: 55.884 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100819

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.6	109.1	327.3

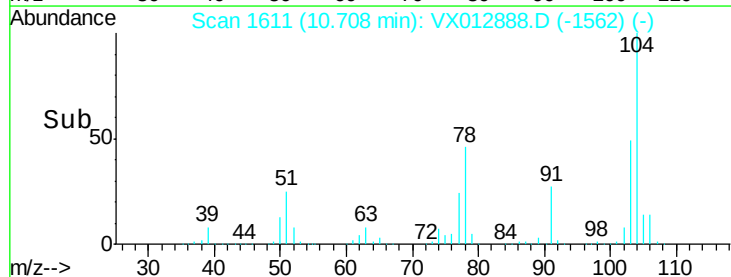
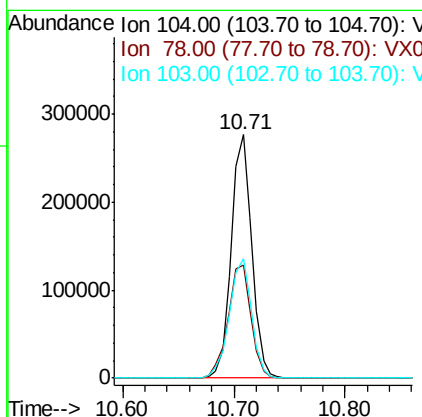
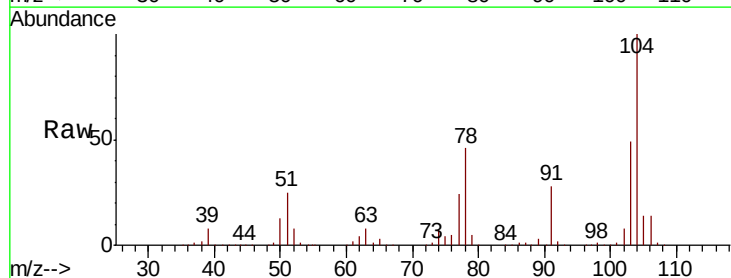
Manual Integrations
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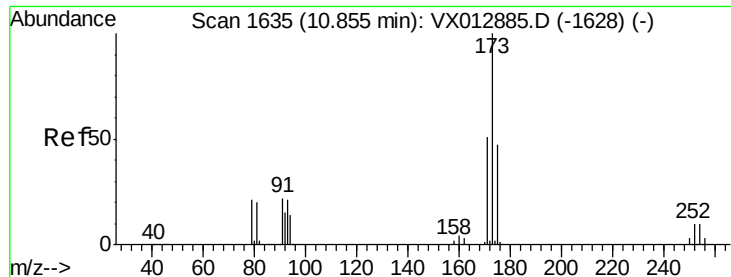
MMDadoda
10/9/2019 10:36:40 AM



#70
Styrene
Concen: 56.616 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.3	41.2	61.8
103	53.6	43.0	64.4





#71

Bromoform

Concen: 48.576 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100819

Tot Ion:173 Resp: 80934

Ion Ratio Lower Upper

173 100

175 49.0 24.1 72.3

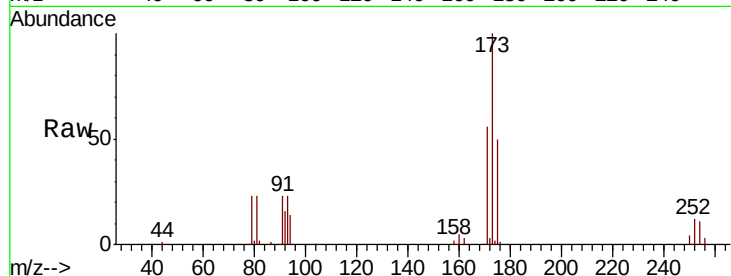
254 0.1 0.1 0.1#

Manual Integrations

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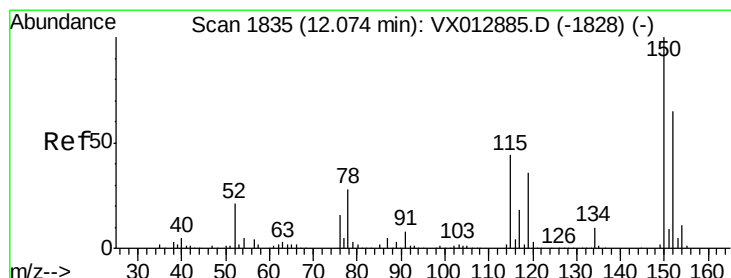
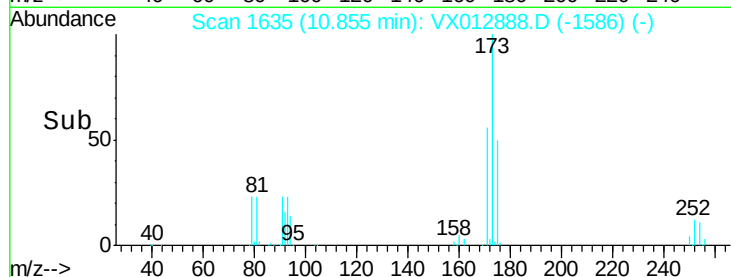
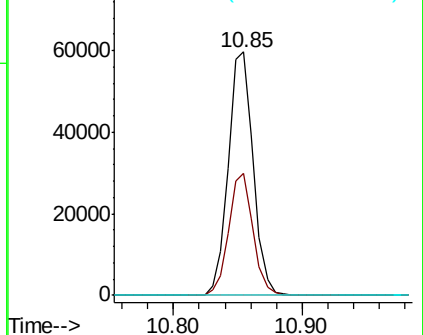
10/9/2019 10:36:40 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

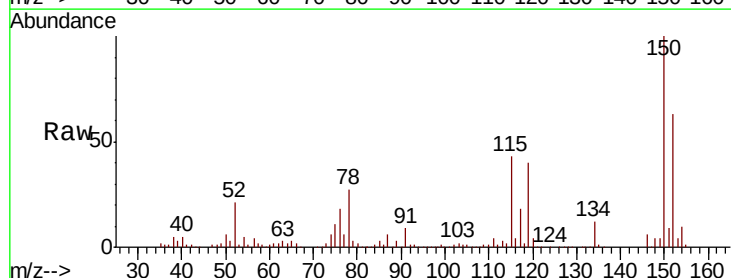
Tgt Ion:152 Resp: 137263

Ion Ratio Lower Upper

152 100

115 89.0 44.5 133.5

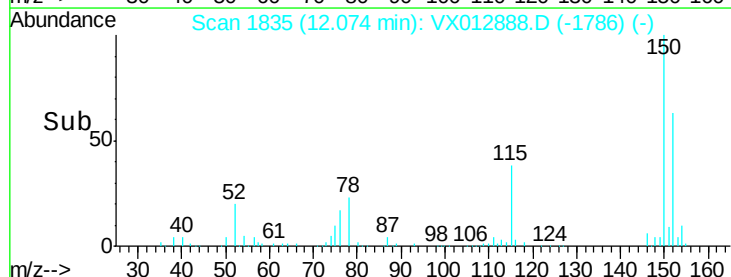
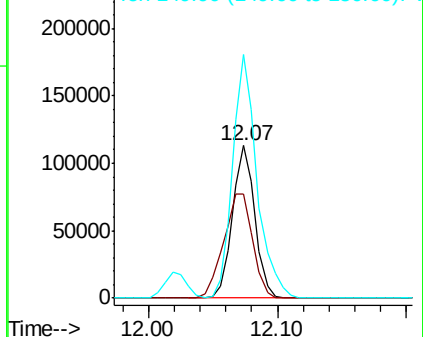
150 174.1 0.0 353.4

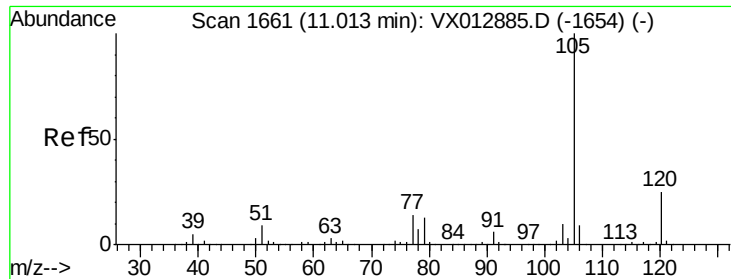


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





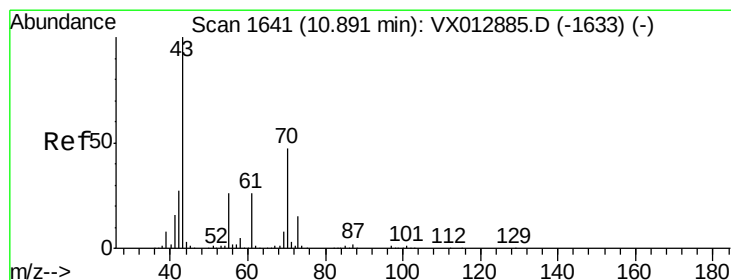
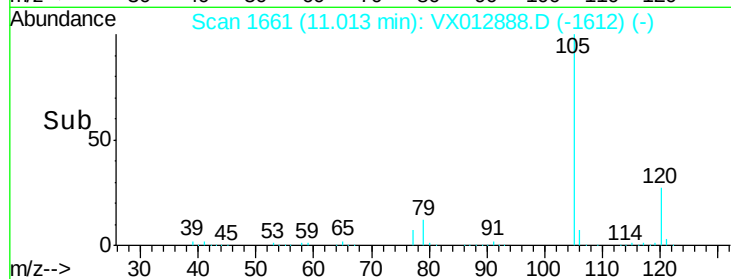
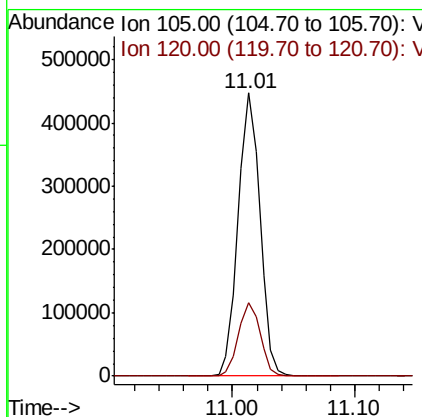
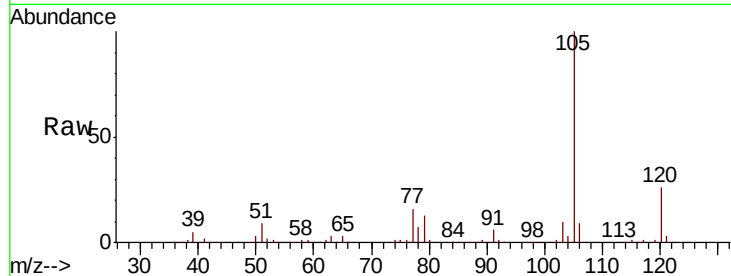
#73
Isopropylbenzene
Concen: 54.553 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100819

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.0	39.0

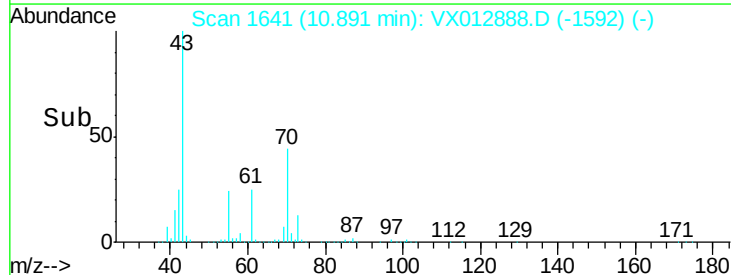
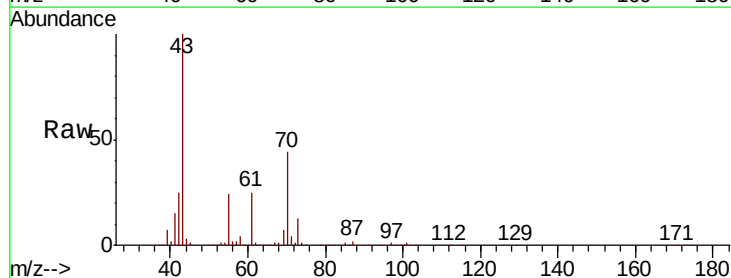
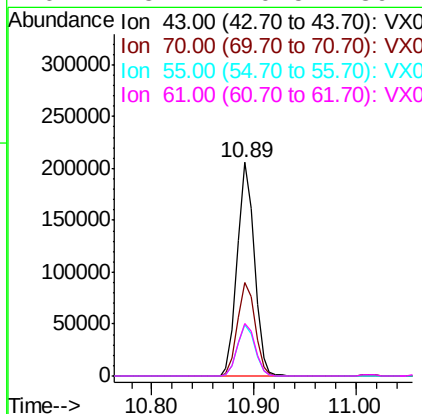
Manual Integrations
APPROVED

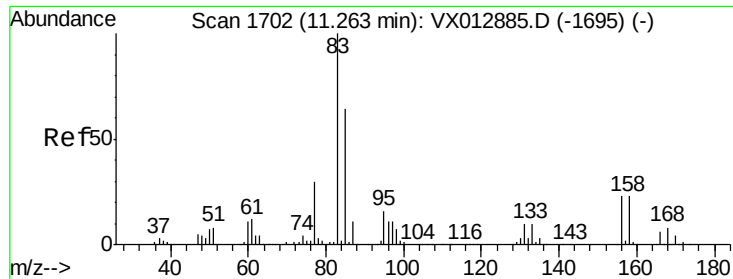
MMDadoda
10/9/2019 10:36:40 AM



#74
N-ethyl acetate
Concen: 54.575 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.0	36.4	54.6
55	24.6	20.2	30.2
61	25.4	20.5	30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 51.756 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

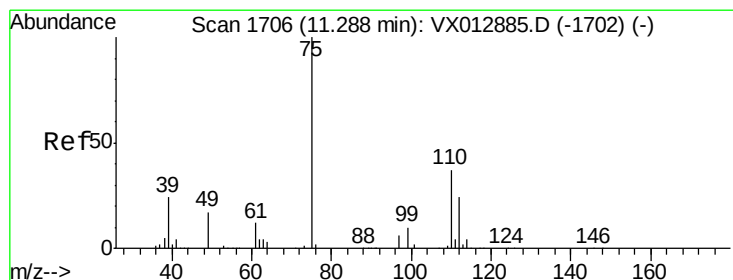
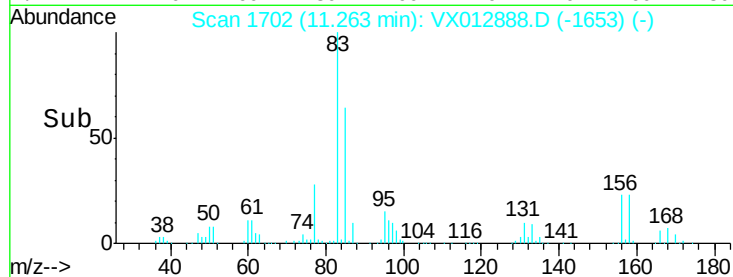
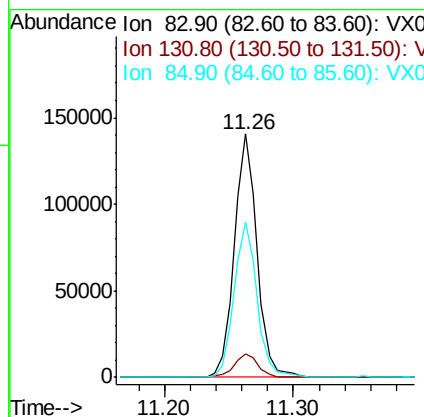
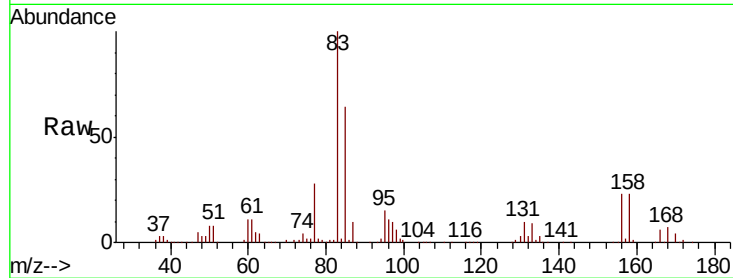
ClientSampleId :

ICVVX100819

Tot Ion:	83	Resp:	173723
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.3
85	64.6	32.1	96.5

Manual Integrations
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10/9/2019 10:36:40 AM



#76

1,2,3-Trichloropropane

Concen: 45.972 ug/l m

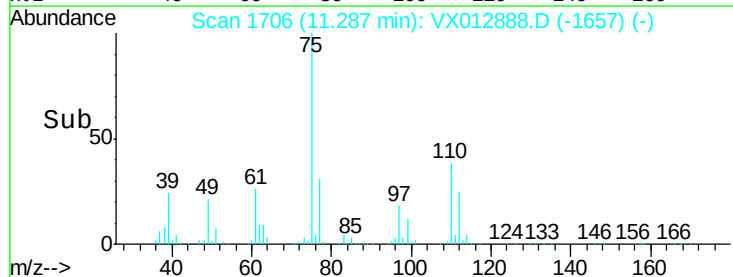
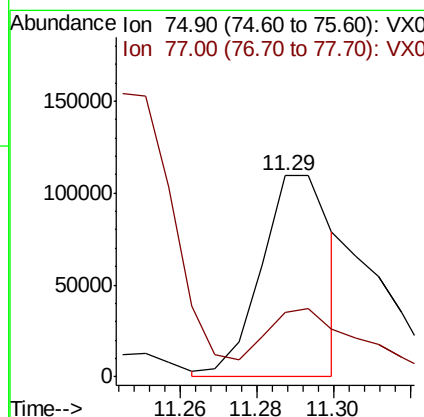
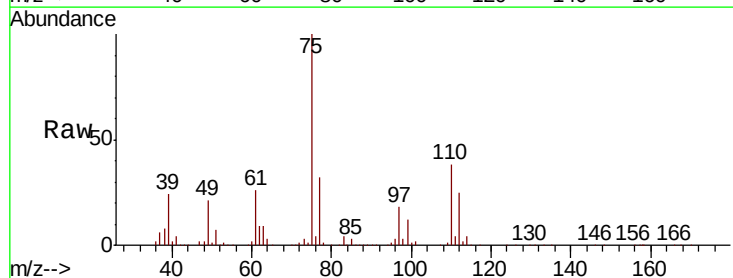
RT: 11.29 min Scan# 1706

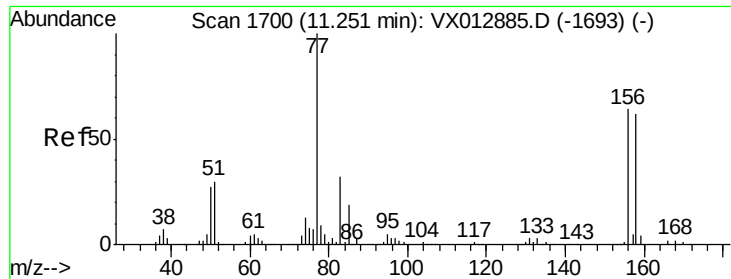
Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Tgt Ion:	75	Resp:	139962
Ion Ratio	Lower	Upper	
75	100		
77	45.8	22.9	68.8





#77

Bromobenzene

Concen: 53.456 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

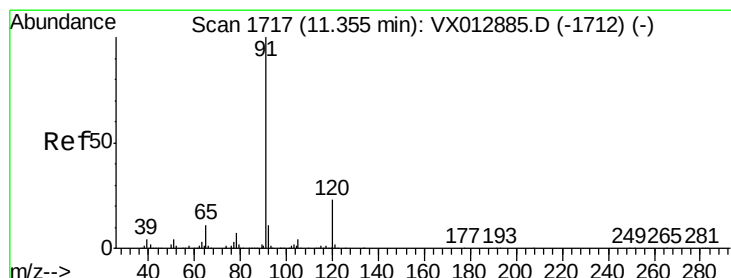
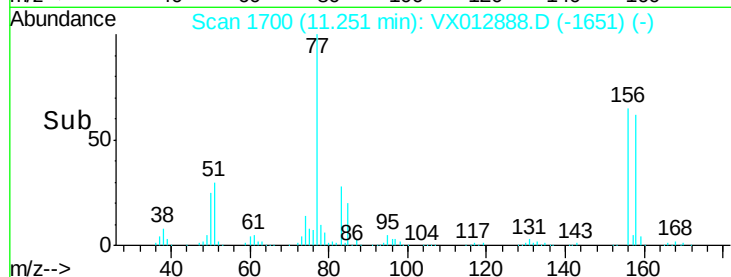
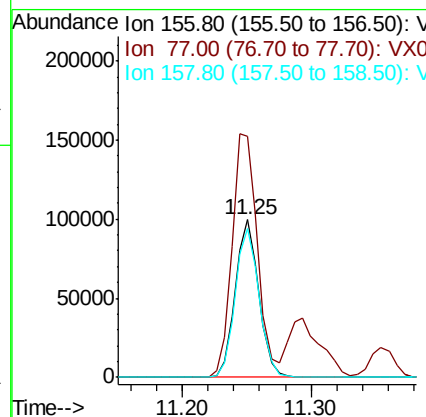
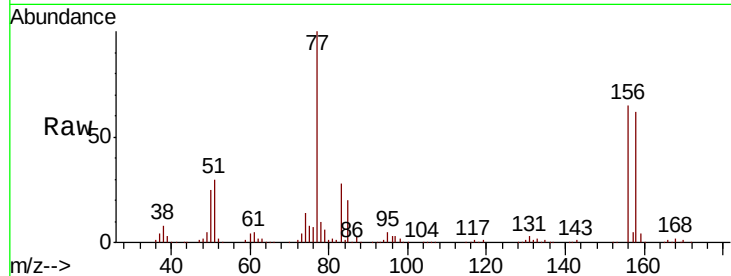
ClientSampleId :

ICVVX100819

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		127124		
77	167.7	83.7	251.0		
158	96.3	48.6	145.9		

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#78

n-propylbenzene

Concen: 56.295 ug/l

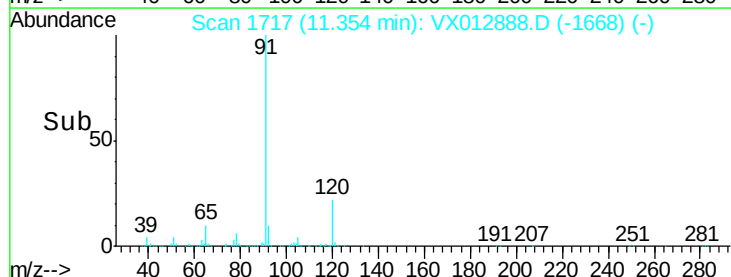
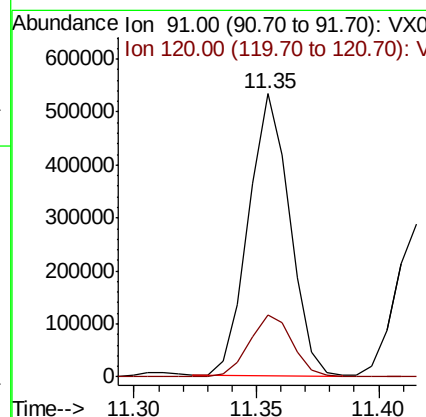
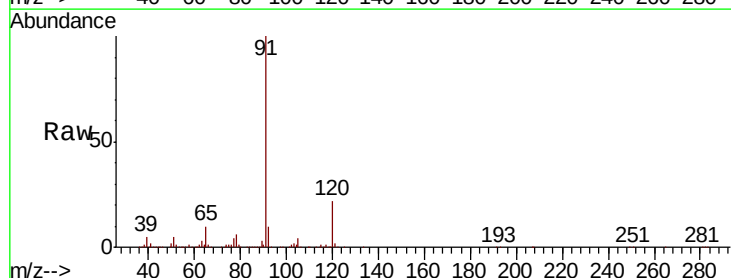
RT: 11.35 min Scan# 1717

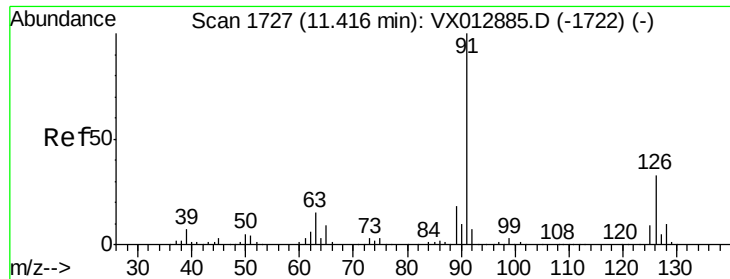
Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		625138		
120	22.8	11.7	35.1		





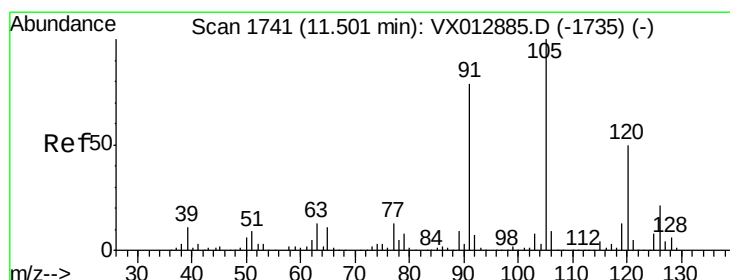
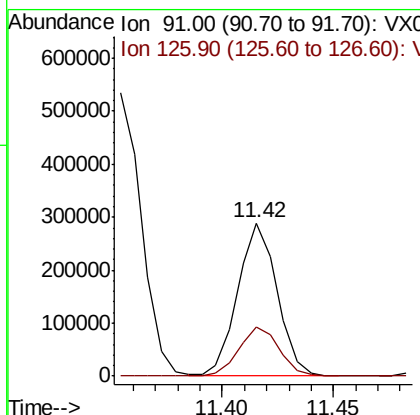
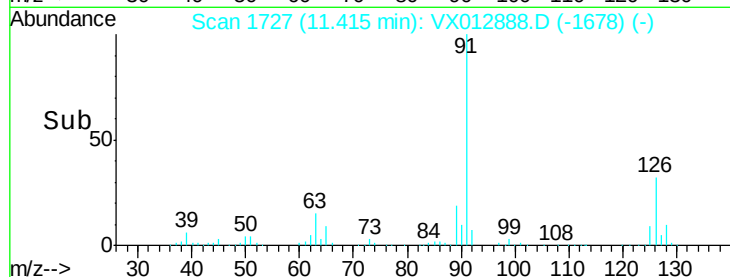
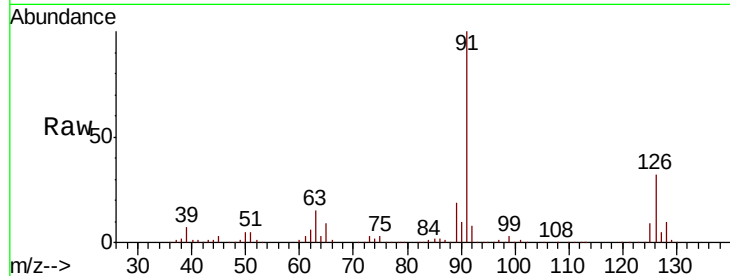
#79
2-Chlorotoluene
Concen: 51.051 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100819

Tot Ion: 91 Resp: 356284
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8

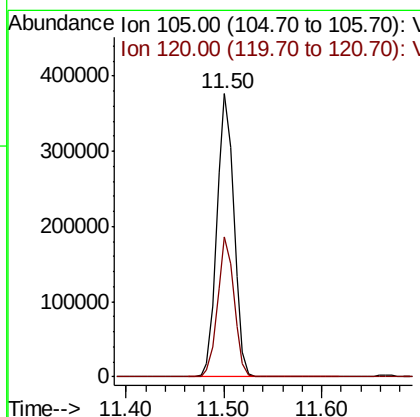
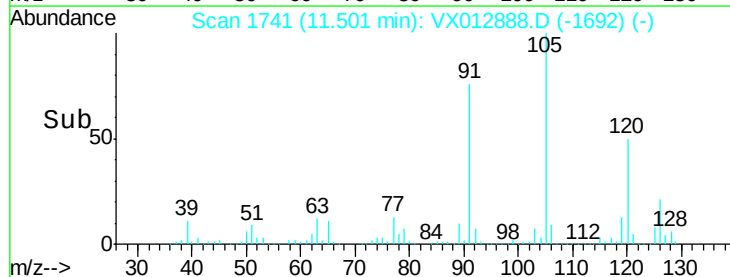
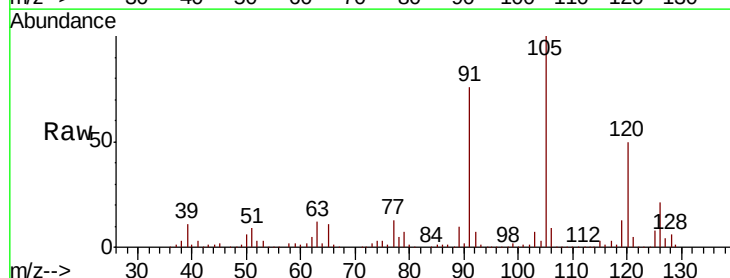
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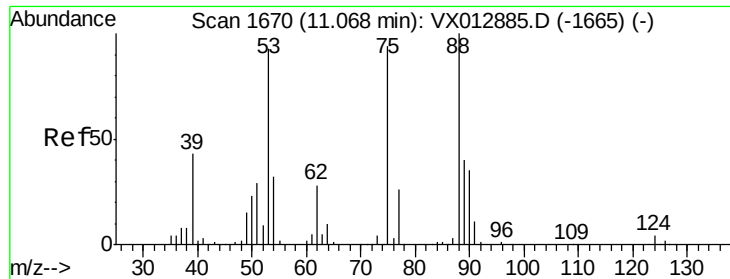
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 53.927 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion: 105 Resp: 454423
Ion Ratio Lower Upper
105 100
120 47.6 24.8 74.3





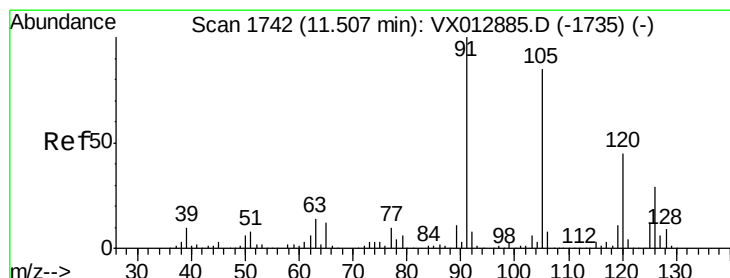
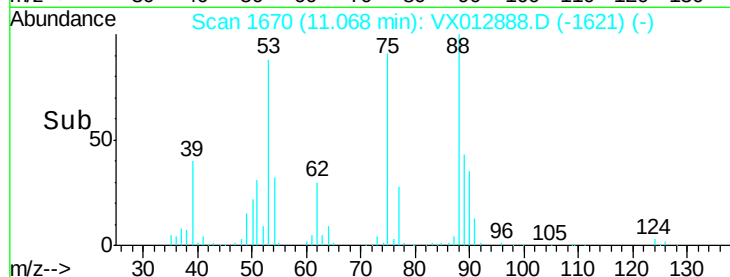
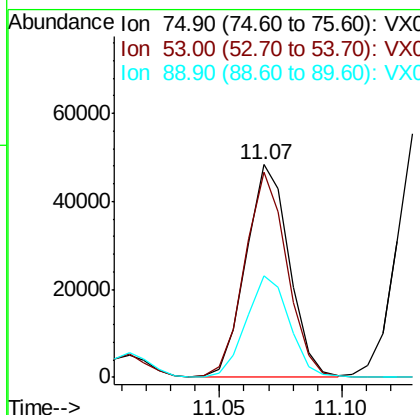
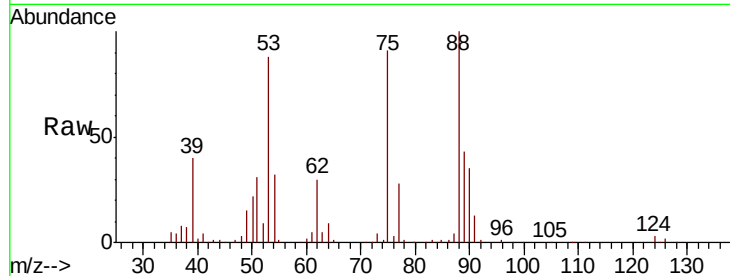
#81
trans-1,4-Dichloro-2-butene
Concen: 49.853 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100819

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.4	78.5	117.7
89	48.0	37.4	56.2

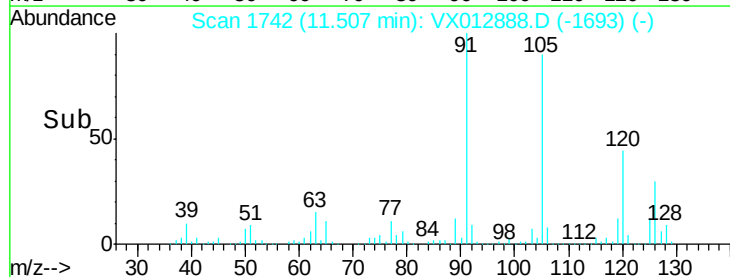
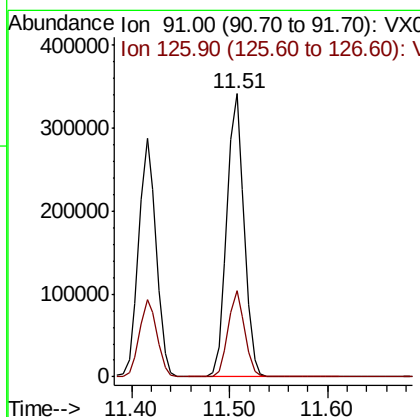
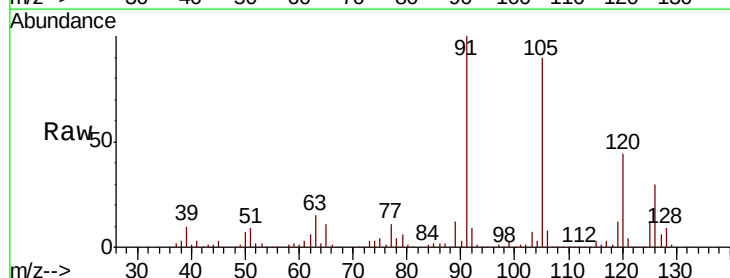
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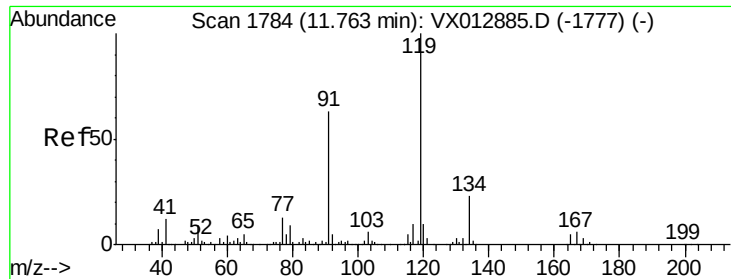
MMDadoda
10/9/2019 10:36:40 AM



#82
4-Chlorotoluene
Concen: 52.528 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.2	42.6





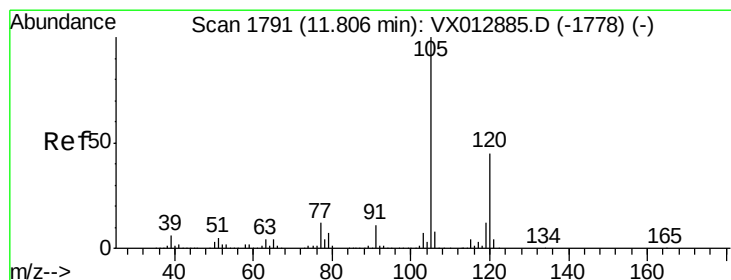
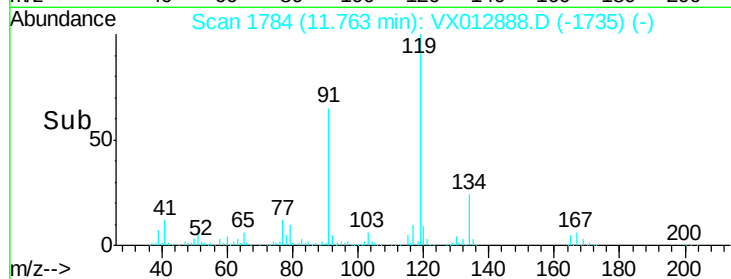
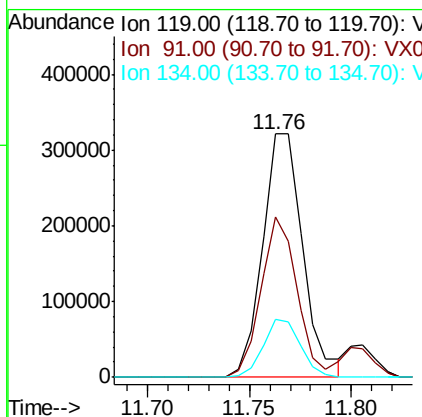
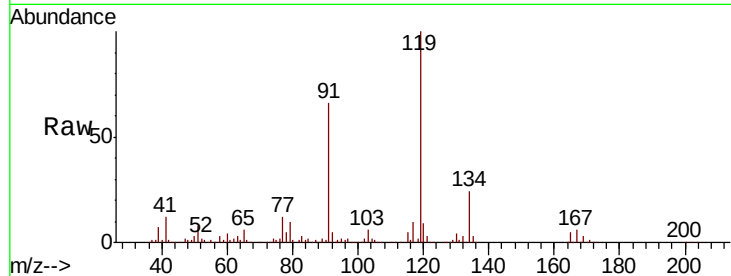
#83
 tert-Butylbenzene
 Concen: 53.897 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100819

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.6	29.3	87.9
134	22.2	11.5	34.4

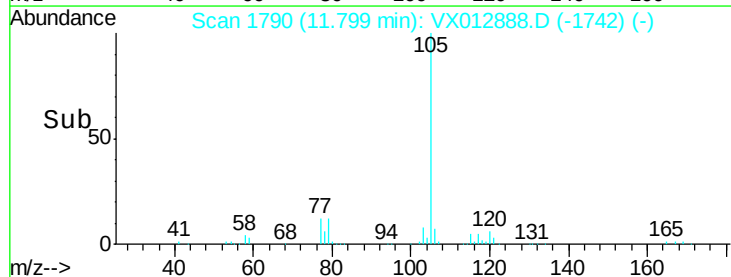
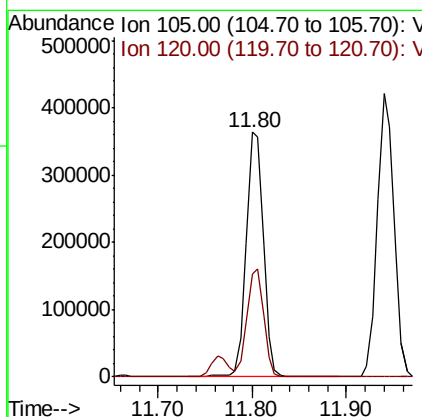
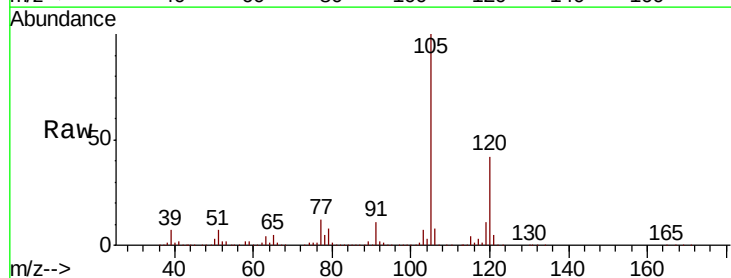
Manual Integrations
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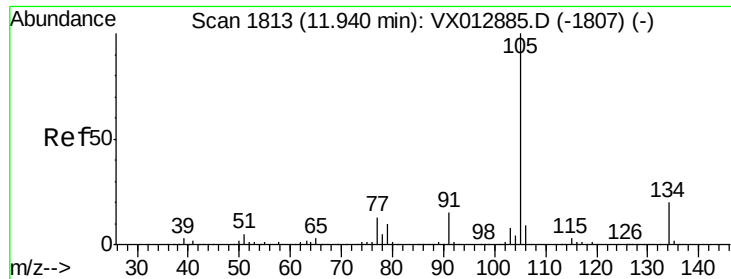
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.278 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.9	21.8	65.3





#85

sec-Butylbenzene

Concen: 54.255 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100819

Tot Ion:105 Resp: 516694

Ion Ratio Lower Upper

105 100

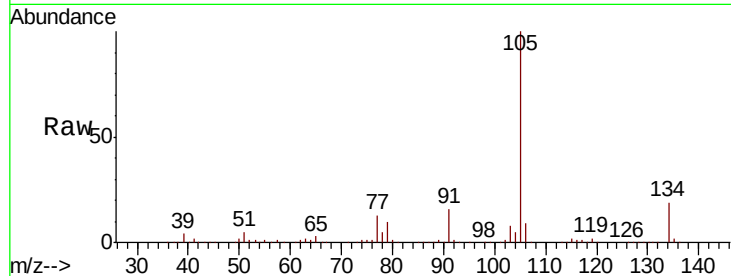
134 19.1 10.0 30.0

Manual Integrations

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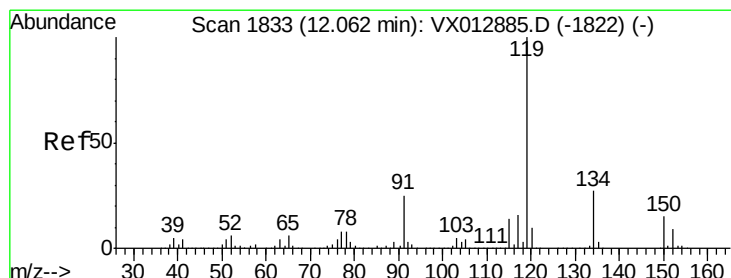
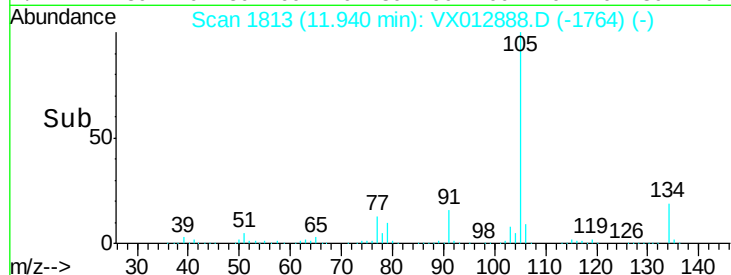
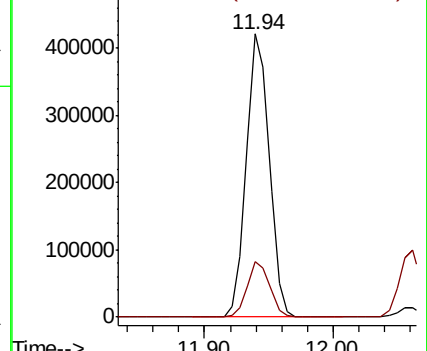
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.128 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

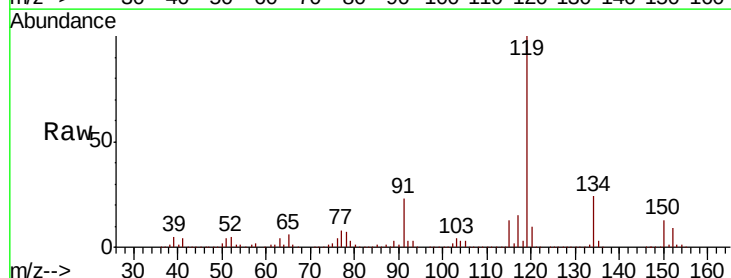
Tgt Ion:119 Resp: 495750

Ion Ratio Lower Upper

119 100

134 24.3 12.6 37.8

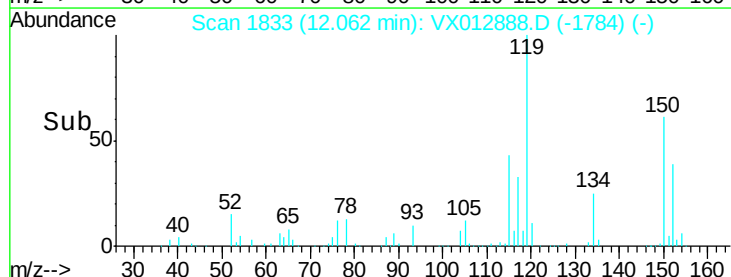
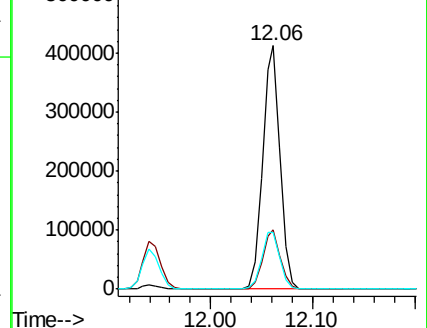
91 24.5 12.4 37.4

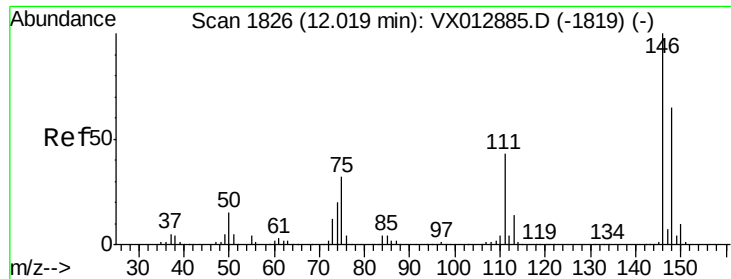


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





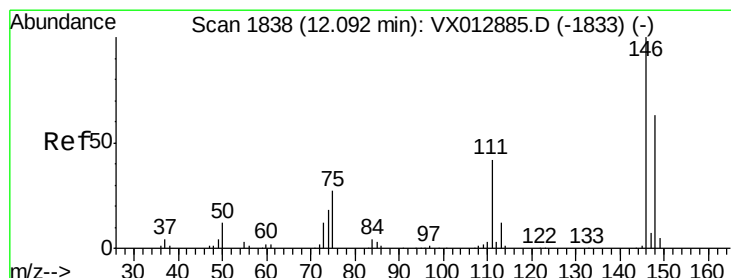
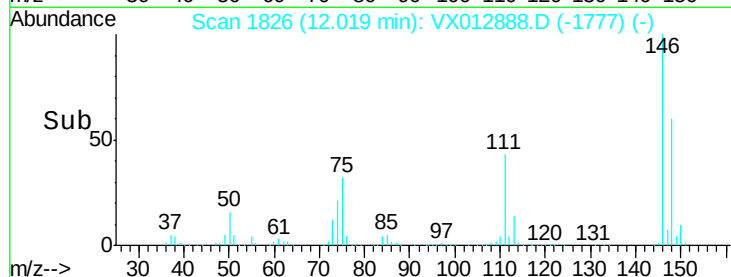
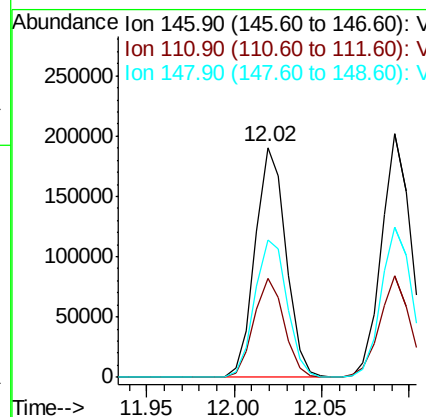
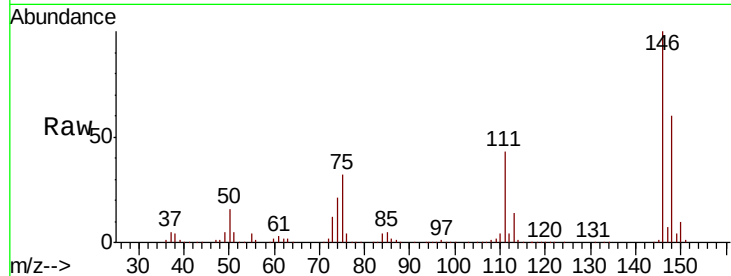
#87
 1,3-Dichlorobenzene
 Concen: 52.902 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100819

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.1	63.4
148	62.6	31.6	95.0

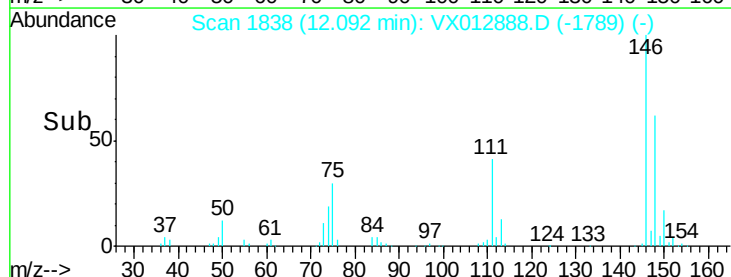
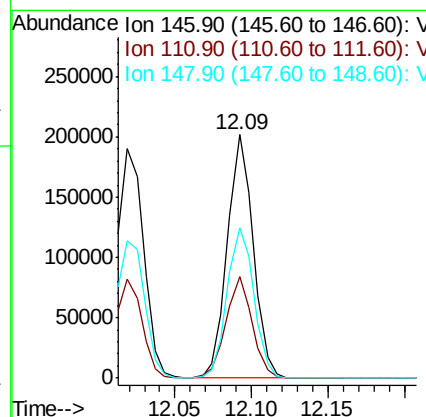
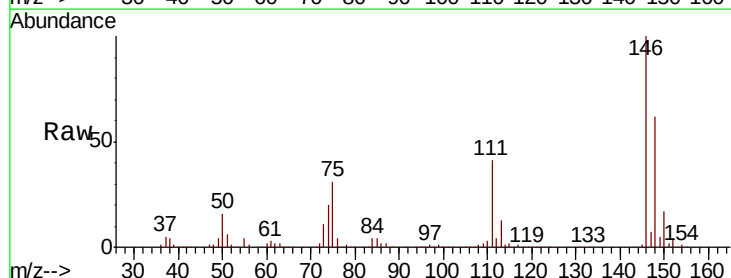
Manual Integrations
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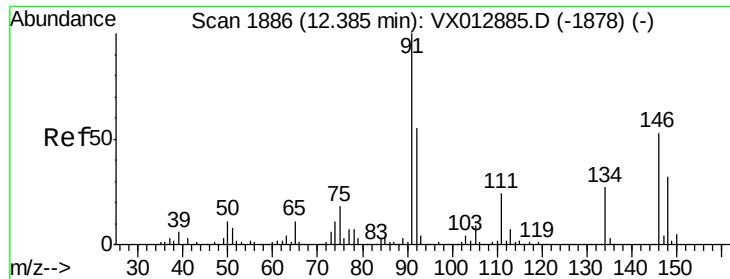
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#88
 1,4-Dichlorobenzene
 Concen: 52.845 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.4	64.3
148	64.2	32.1	96.5





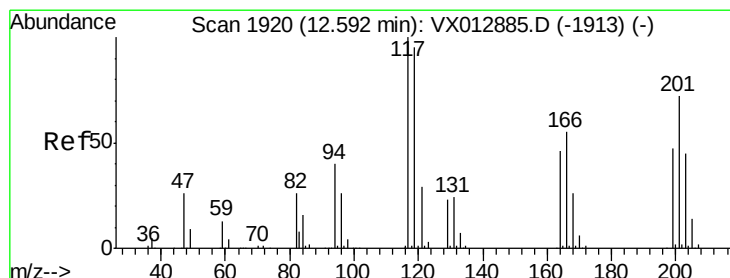
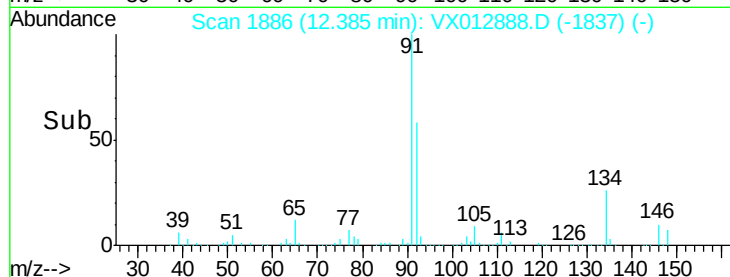
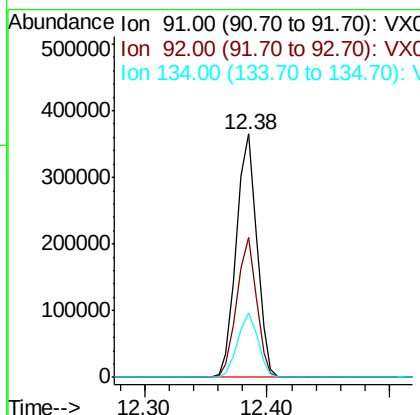
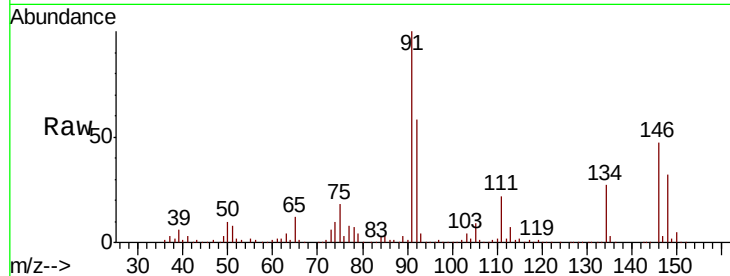
#89
n-Butylbenzene
Concen: 56.823 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Instrument :
MSVOA_X
ClientSampleId :
ICVX100819

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.5	27.5	82.5
134	26.2	12.9	38.7

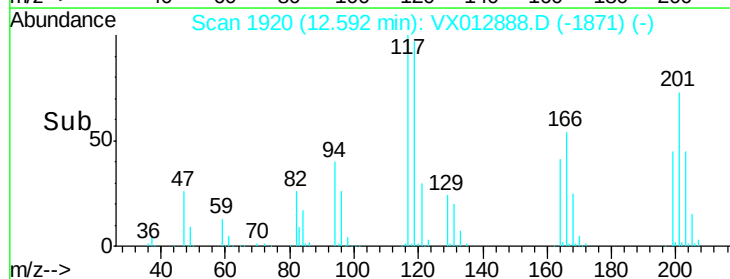
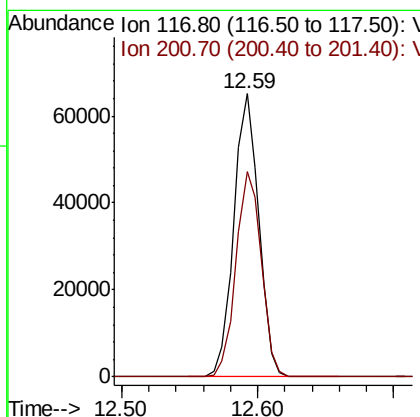
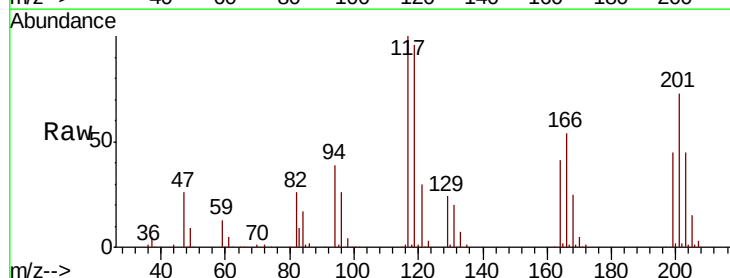
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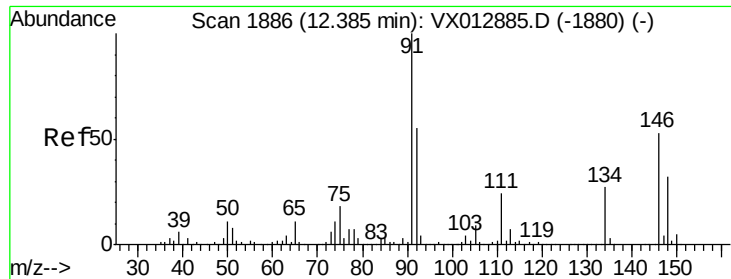
MMDadoda
10/9/2019 10:36:40 AM



#90
Hexachloroethane
Concen: 50.621 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012888.D
Acq: 08 Oct 2019 14:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.7	36.9	110.7





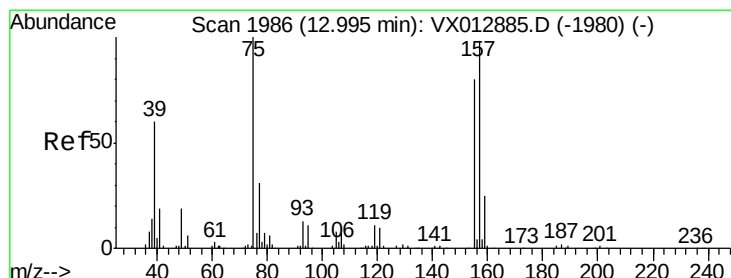
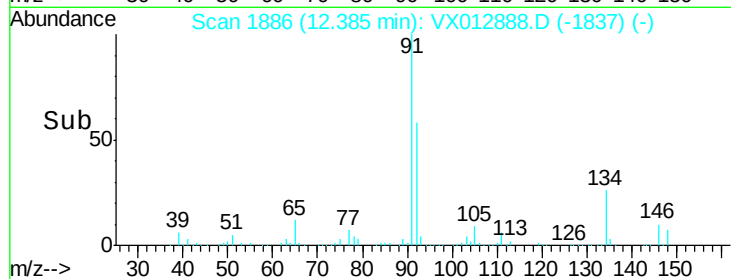
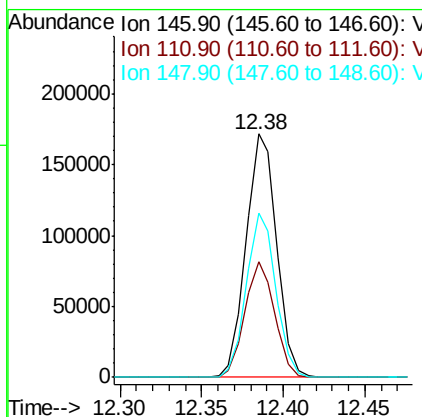
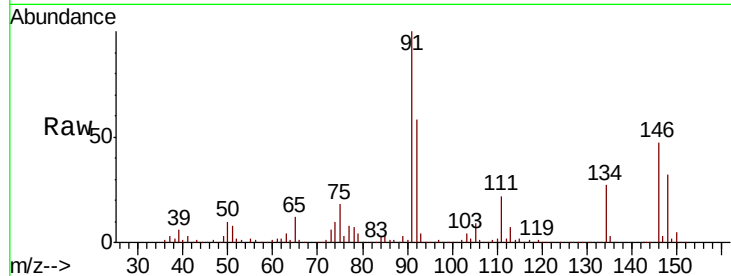
#91
 1,2-Dichlorobenzene
 Concen: 51.770 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100819

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.2	22.7	68.0
148	65.3	31.6	94.7

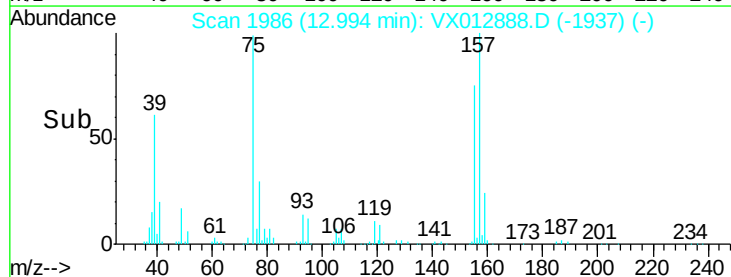
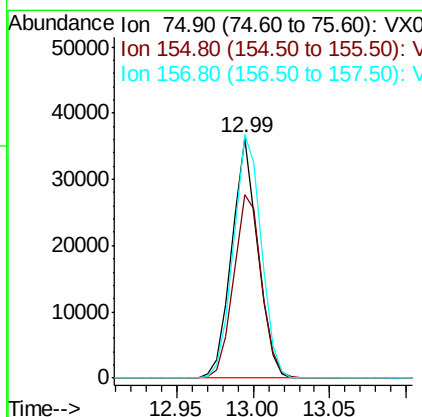
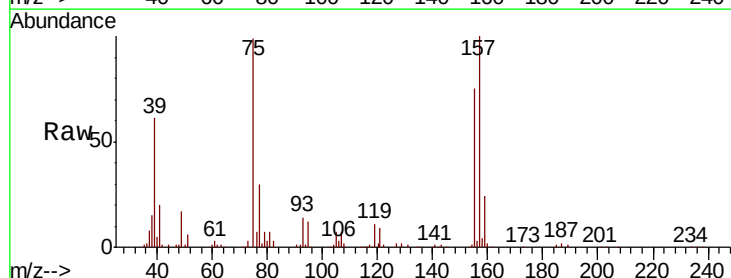
Manual Integrations
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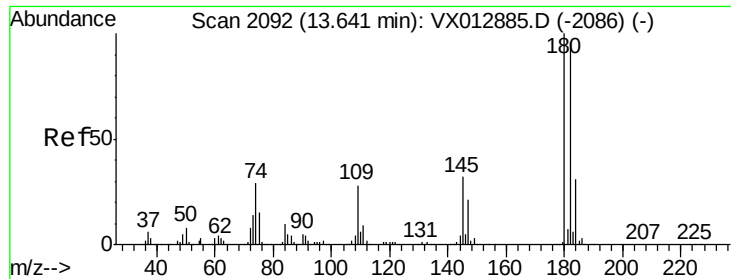
MMDadoda
 10/9/2019 10:36:40 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.244 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012888.D
 Acq: 08 Oct 2019 14:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.6	43.0	128.8
157	108.0	54.1	162.3





#93

1,2,4-Trichlorobenzene

Concen: 55.781 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

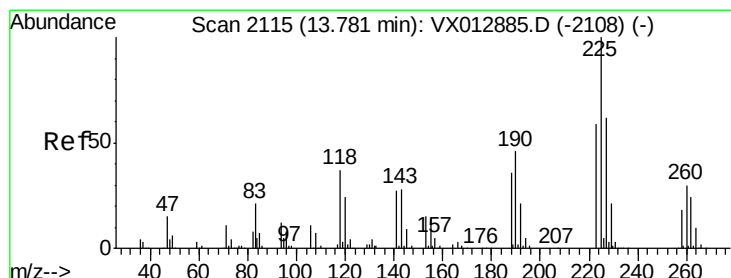
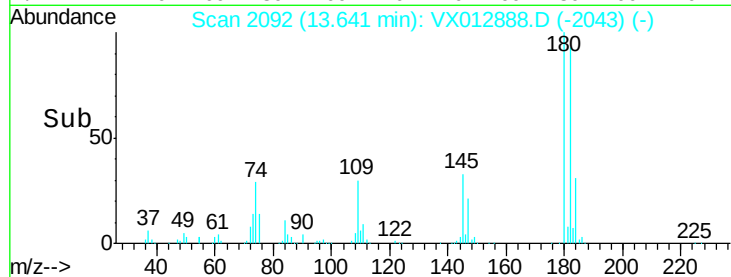
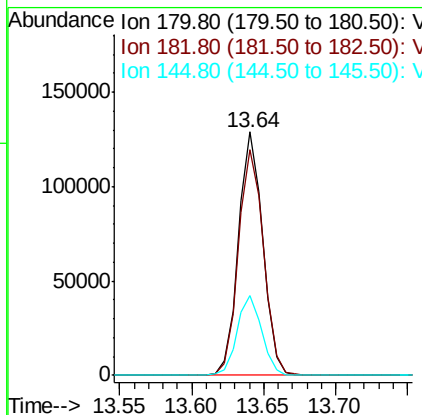
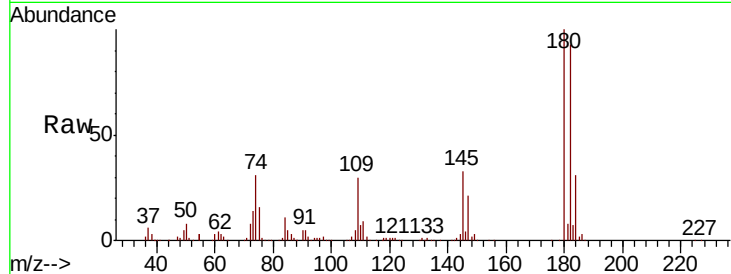
ClientSampleId :

ICVVX100819

Tot Ion:	180	Resp:	151282
Ion Ratio	Lower	Upper	
180	100		
182	95.6	46.8	140.4
145	33.2	16.2	48.6

Manual Integrations
APPROVED

MMDadoda
10/9/2019 10:36:40 AM



#94

Hexachlorobutadiene

Concen: 55.416 ug/l

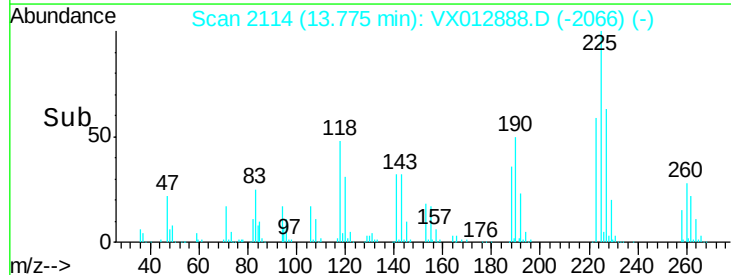
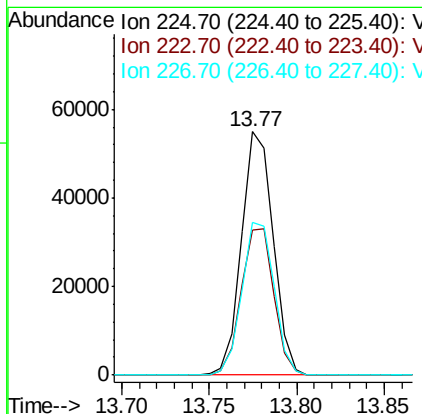
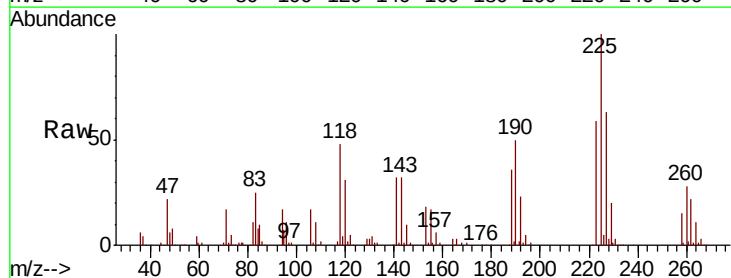
RT: 13.77 min Scan# 2114

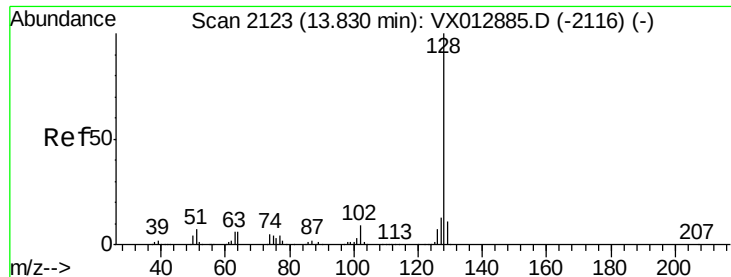
Delta R.T. -0.01 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Tgt Ion:	225	Resp:	69360
Ion Ratio	Lower	Upper	
225	100		
223	61.9	31.1	93.2
227	63.8	32.3	96.9





#95

Naphthalene

Concen: 55.519 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_X

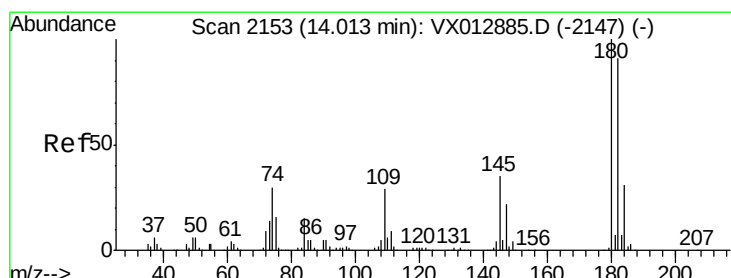
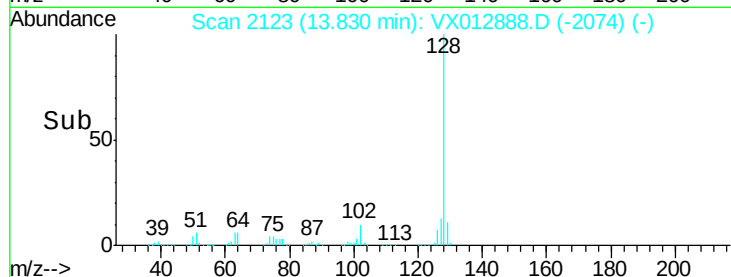
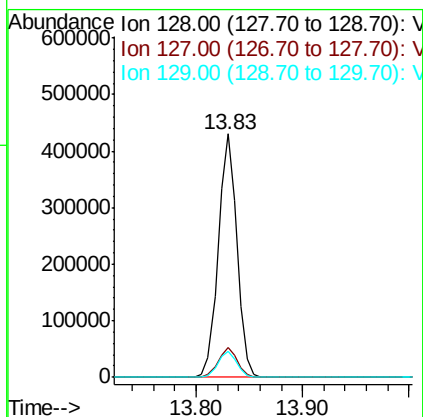
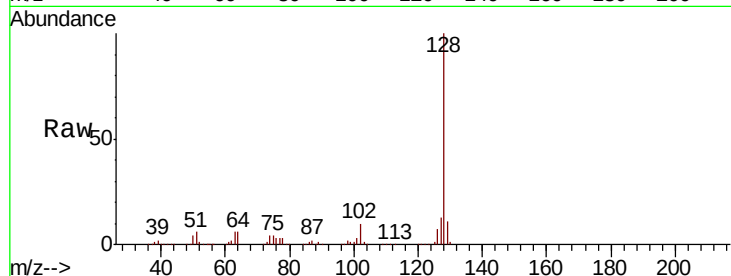
ClientSampleId :

ICVVX100819

Tot Ion:	128	Resp:	521957
Ion Ratio		Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/9/2019 10:36:40 AM



#96

1,2,3-Trichlorobenzene

Concen: 54.081 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX012888.D

Acq: 08 Oct 2019 14:17

Tgt Ion:	180	Resp:	151568
Ion Ratio		Lower	Upper
180	100		
182	95.5	47.5	142.5
145	35.4	17.4	52.3

