

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091219\
 Data File : VX012339.D
 Acq On : 12 Sep 2019 10:15
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 10:12:12 AM

Quant Time: Sep 12 12:59:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	143042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	245429	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	112091	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	86465	42.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.52%	
35) Dibromofluoromethane	5.48	113	70353	44.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.44%	
50) Toluene-d8	8.71	98	264223	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
62) 4-Bromofluorobenzene	11.13	95	110897	43.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	49553	42.372	ug/l	99
3) Chloromethane	1.31	50	47520	45.078	ug/l	98
4) Vinyl Chloride	1.40	62	47132	45.092	ug/l	99
5) Bromomethane	1.63	94	25396	60.964	ug/l	98
6) Chloroethane	1.71	64	32193	46.060	ug/l	99
7) Trichlorofluoromethane	1.92	101	86873	45.924	ug/l	100
8) Diethyl Ether	2.17	74	29878	46.287	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	54690	42.896	ug/l	99
10) Methyl Iodide	2.50	142	47084	38.802	ug/l	99
11) Tert butyl alcohol	3.03	59	42328	195.083	ug/l	97
12) 1,1-Dichloroethene	2.36	96	44547	41.156	ug/l	96
13) Acrolein	2.28	56	33263	314.643	ug/l	100
14) Allyl chloride	2.72	41	102286	46.351	ug/l	99
15) Acrylonitrile	3.12	53	91796	230.054	ug/l	97
16) Acetone	2.43	43	118318	247.141	ug/l	97
17) Carbon Disulfide	2.56	76	100187	44.078	ug/l	98
18) Methyl Acetate	2.76	43	44505	44.228	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	199555	46.685	ug/l	98
20) Methylene Chloride	2.84	84	69490	46.331	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	60165	46.590	ug/l	98
22) Diisopropyl ether	3.84	45	235888	46.740	ug/l	91
23) Vinyl Acetate	3.80	43	743355	240.069	ug/l	99
24) 1,1-Dichloroethane	3.68	63	126365	46.745	ug/l	98
25) 2-Butanone	4.65	43	146203	238.891	ug/l	98
26) 2,2-Dichloropropane	4.57	77	121591	47.908	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	79069	47.426	ug/l	98
28) Bromochloromethane	5.00	49	55681	43.918	ug/l	100
29) Tetrahydrofuran	5.11	42	78060	236.399	ug/l	99
30) Chloroform	5.19	83	141535	46.430	ug/l	100
31) Cyclohexane	5.56	56	85655	45.614	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	121631	46.468	ug/l	99
36) 1,1-Dichloropropene	5.78	75	87361	48.816	ug/l	99
37) Ethyl Acetate	4.82	43	55254	49.947	ug/l	99
38) Carbon Tetrachloride	5.77	117	98581	46.951	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	94387	48.060	ug/l	97
40) Benzene	6.13	78	263103	48.576	ug/l	99
41) Methacrylonitrile	5.02	41	33531	49.166	ug/l	98
42) 1,2-Dichloroethane	6.18	62	101934	47.617	ug/l	99
43) Isopropyl Acetate	6.43	43	110528	47.389	ug/l	99
44) Trichloroethene	7.20	130	72787	49.657	ug/l	98
45) 1,2-Dichloropropane	7.50	63	73086	48.749	ug/l	98
46) Dibromomethane	7.65	93	40637	49.595	ug/l	98
47) Bromodichloromethane	7.89	83	108298	48.432	ug/l	98
48) Methyl methacrylate	7.76	41	53112	47.575	ug/l	99
49) 1,4-Dioxane	7.73	88	13589	902.065	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	291234	236.593	ug/l	100
52) Toluene	8.78	92	175414	49.032	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	106362	47.657	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	119660	48.351	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	61900	48.762	ug/l	99
56) Ethyl methacrylate	9.17	69	83087	48.341	ug/l	99
57) 1,3-Dichloropropane	9.37	76	106448	49.097	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	206133	233.996	ug/l	99
59) 2-Hexanone	9.48	43	218361	255.128	ug/l	99
60) Dibromochloromethane	9.57	129	72749	49.090	ug/l	98
61) 1,2-Dibromoethane	9.67	107	57958	49.048	ug/l	97
64) Tetrachloroethene	9.33	164	58084	48.710	ug/l	98
65) Chlorobenzene	10.14	112	199468	48.417	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	77234	49.731	ug/l	100
67) Ethyl Benzene	10.25	91	360018	49.133	ug/l	98
68) m/p-Xylenes	10.35	106	268558	99.566	ug/l	100
69) o-Xylene	10.70	106	129116	48.865	ug/l	99
70) Styrene	10.71	104	229746	49.027	ug/l	99
71) Bromoform	10.85	173	38365	47.639	ug/l #	99
73) Isopropylbenzene	11.01	105	359959	48.780	ug/l	100
74) N-amyl acetate	10.89	43	100958	46.013	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	76867	48.502	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	67233m	46.690	ug/l	
77) Bromobenzene	11.25	156	85487	50.317	ug/l	95
78) n-propylbenzene	11.35	91	431809	48.457	ug/l	100
79) 2-Chlorotoluene	11.42	91	261568	47.377	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	322488	48.596	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	21655	45.059	ug/l	95
82) 4-Chlorotoluene	11.51	91	320789	48.348	ug/l	99
83) tert-Butylbenzene	11.76	119	322342	50.024	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	330913	48.237	ug/l	98
85) sec-Butylbenzene	11.94	105	375125	48.790	ug/l	99
86) p-Isopropyltoluene	12.06	119	350579	49.349	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	168636	48.726	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	169062	48.309	ug/l	100
89) n-Butylbenzene	12.39	91	340622	48.920	ug/l	99
90) Hexachloroethane	12.59	117	61561	47.046	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	154893	48.382	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13905	42.985	ug/l	93

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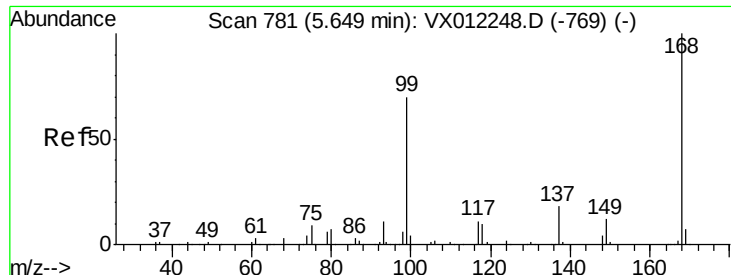
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	105472	47.705	ug/l	100
94) Hexachlorobutadiene	13.78	225	52691	47.906	ug/l	97
95) Naphthalene	13.83	128	217819	45.909	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	89593	45.800	ug/l	97

(#) = 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. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 143042

Ion Ratio Lower Upper

168 100

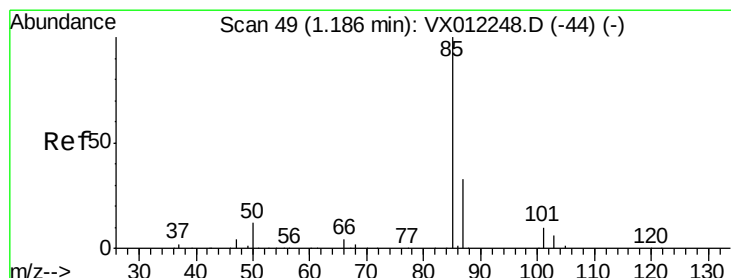
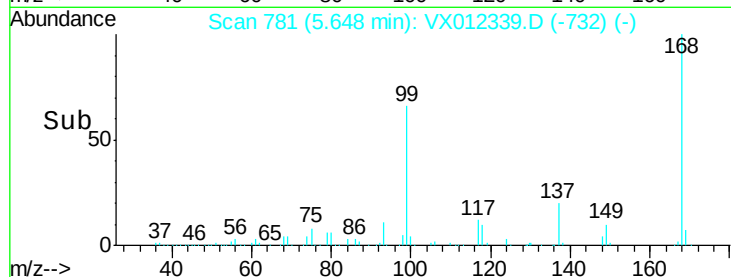
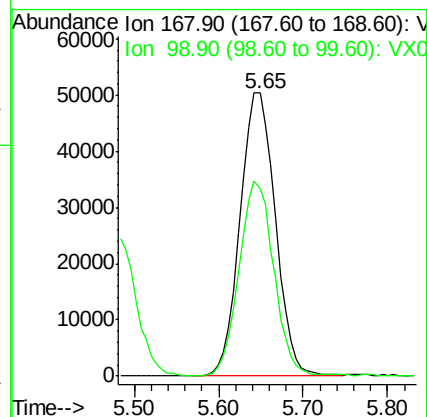
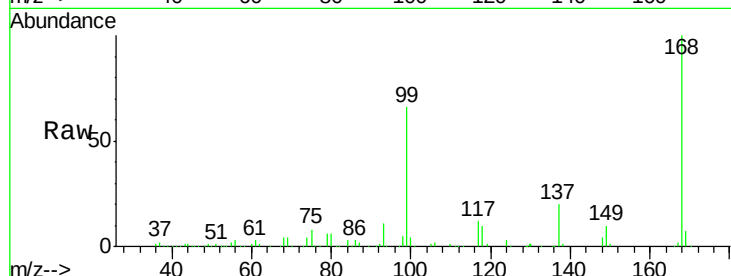
99 65.7 55.8 83.6

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#2

Dichlorodifluoromethane

Concen: 42.372 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012339.D

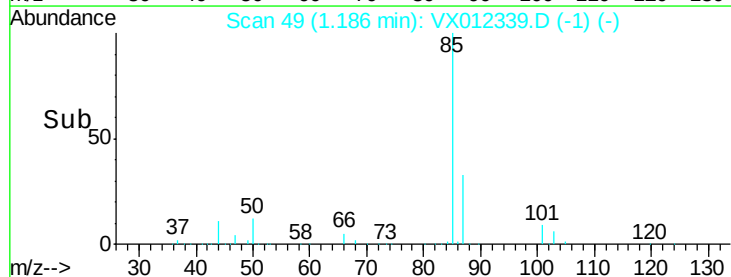
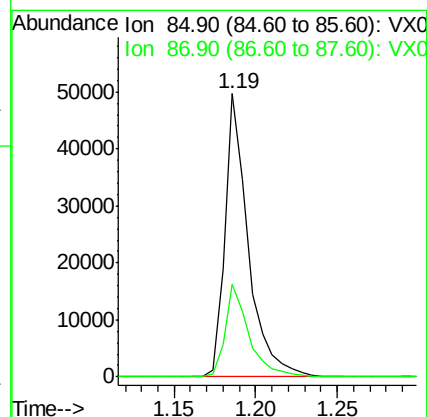
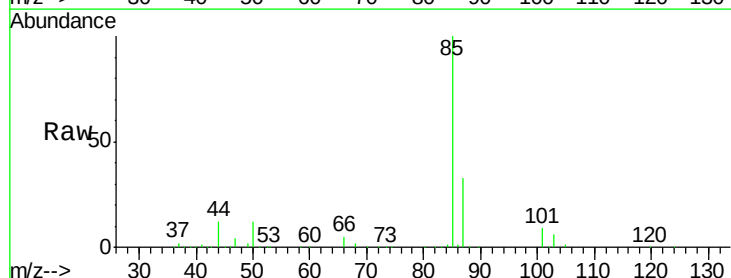
Acq: 12 Sep 2019 10:15

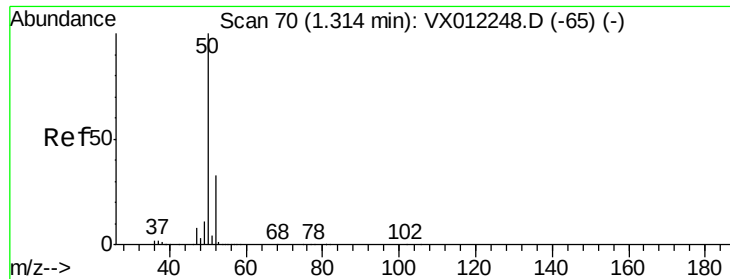
Tgt Ion: 85 Resp: 49553

Ion Ratio Lower Upper

85 100

87 32.6 16.7 50.0





#3

Chloromethane

Concen: 45.078 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 47520

Ion Ratio Lower Upper

50 100

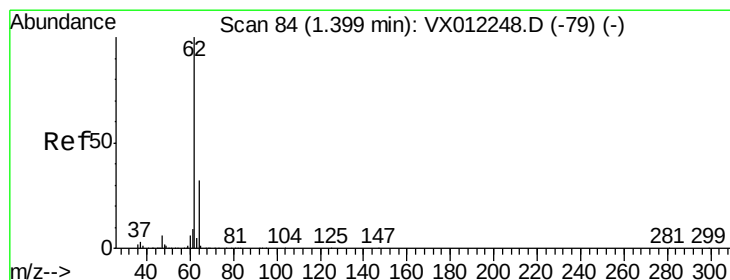
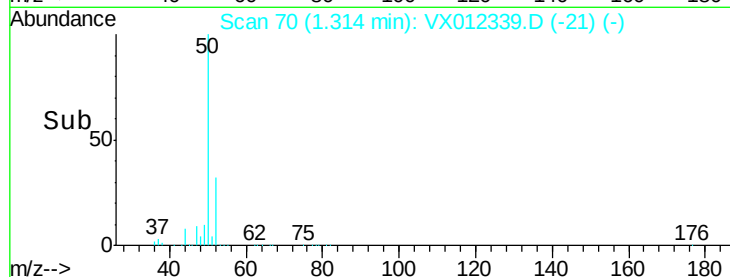
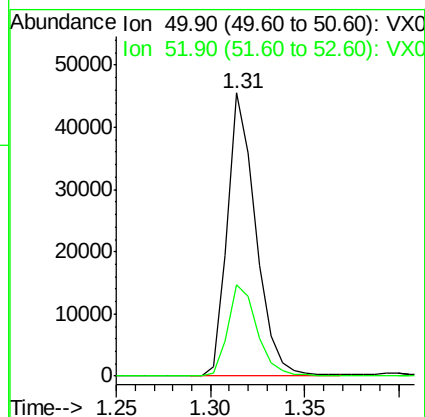
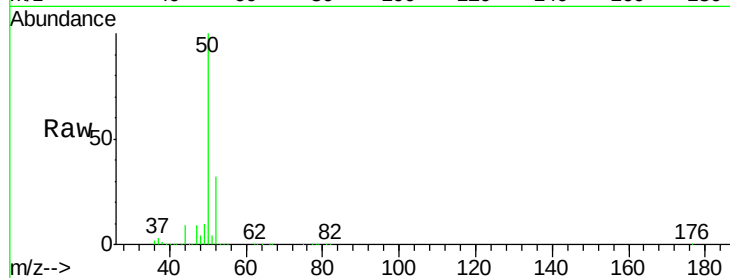
52 32.2 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.092 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012339.D

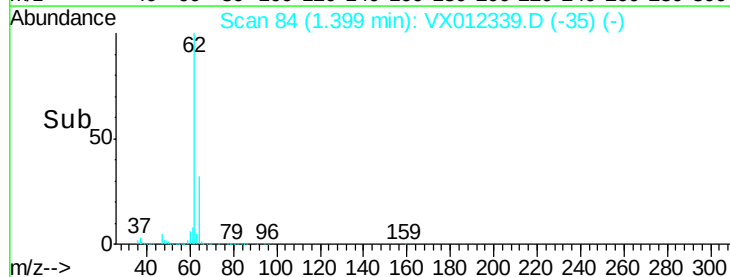
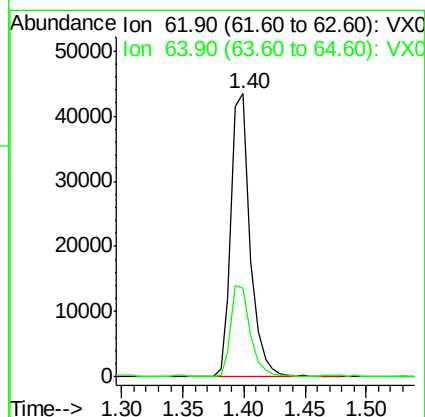
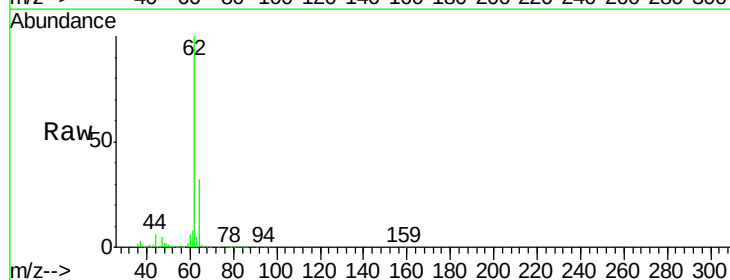
Acq: 12 Sep 2019 10:15

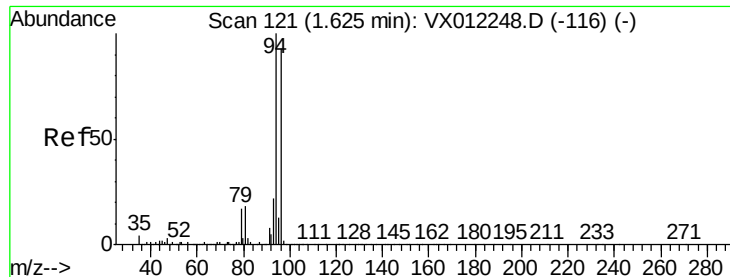
Tgt Ion: 62 Resp: 47132

Ion Ratio Lower Upper

62 100

64 31.2 25.5 38.3





#5

Bromomethane

Concen: 60.964 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 25396

Ion Ratio Lower Upper

94 100

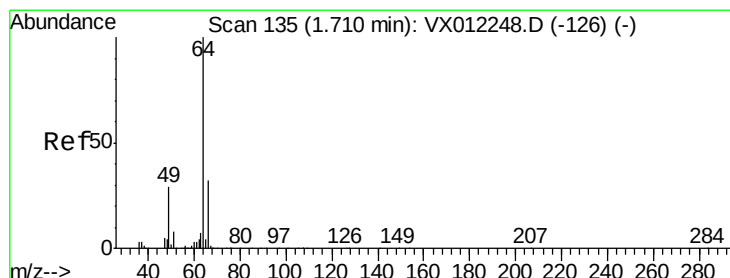
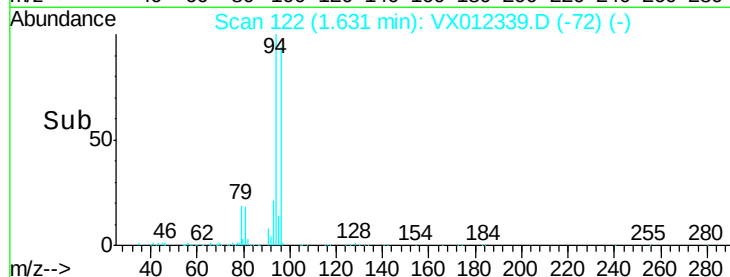
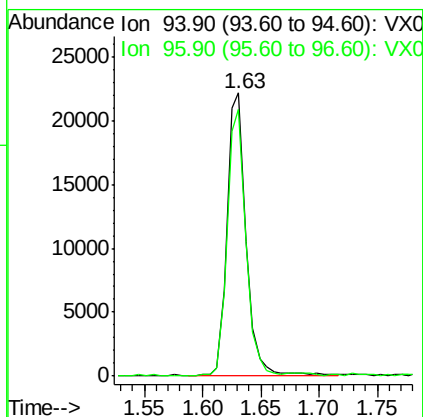
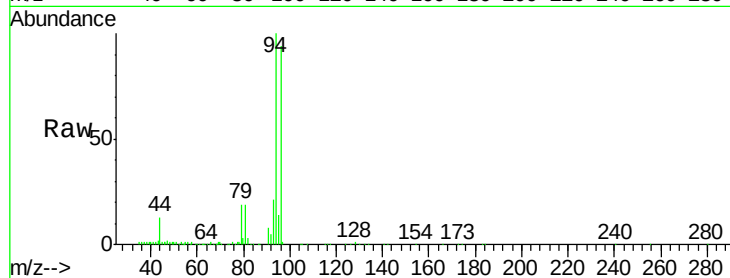
96 94.2 74.0 111.0

Manual Integrations

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#6

Chloroethane

Concen: 46.060 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012339.D

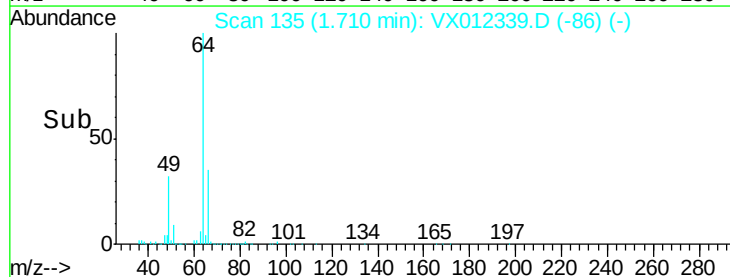
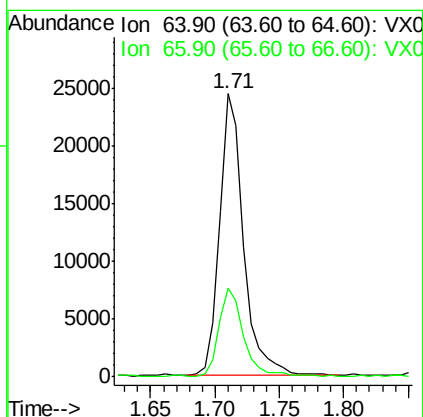
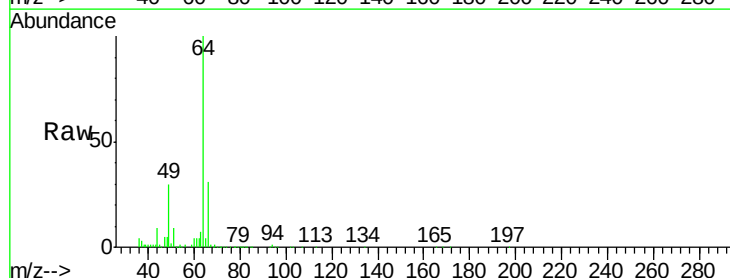
Acq: 12 Sep 2019 10:15

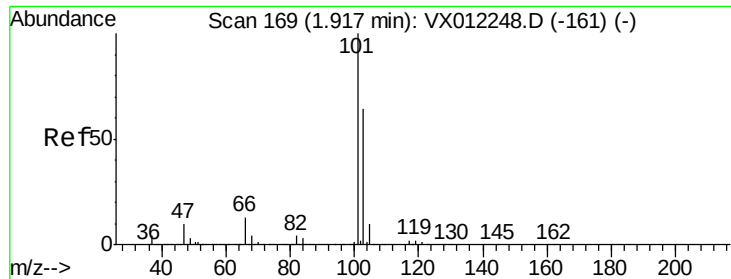
Tgt Ion: 64 Resp: 32193

Ion Ratio Lower Upper

64 100

66 31.5 25.8 38.6





#7

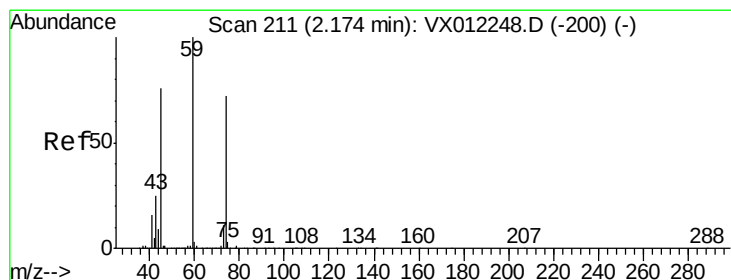
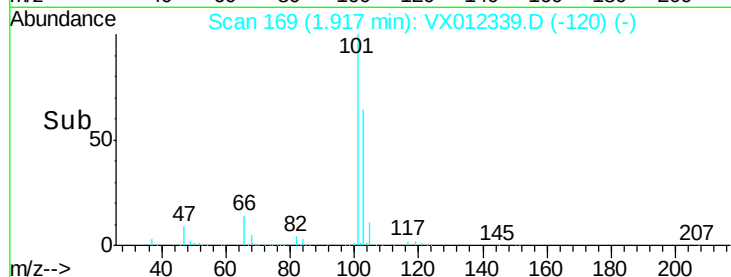
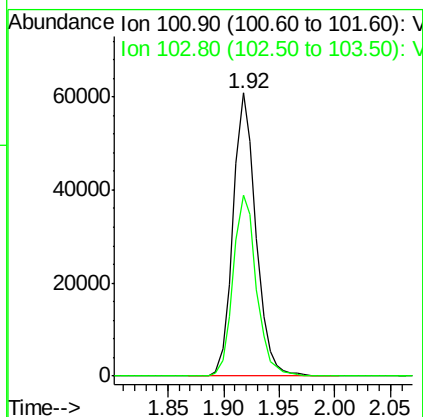
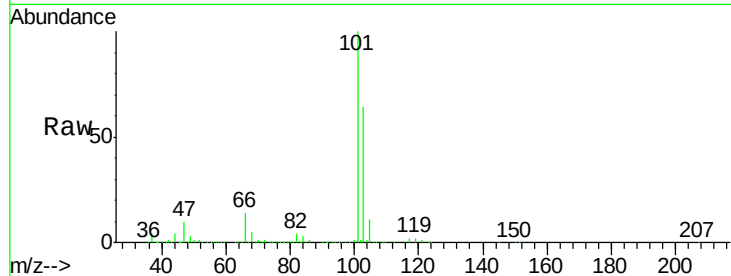
Trichlorofluoromethane
Concen: 45.924 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.4	77.2

Manual Integrations
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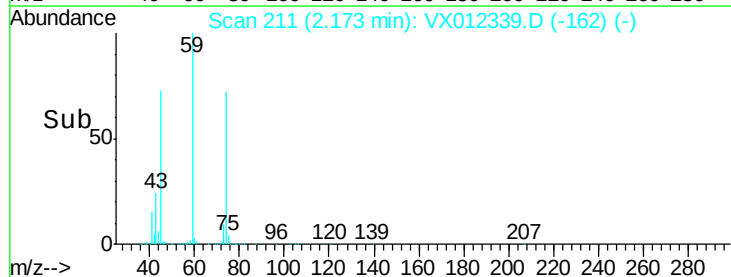
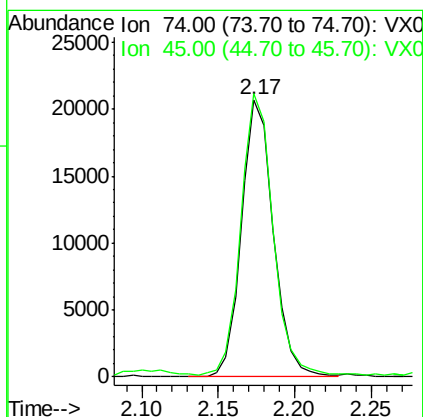
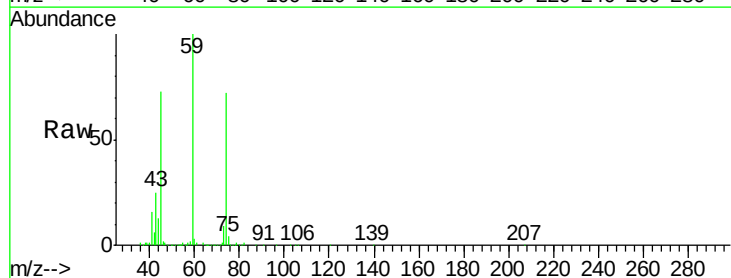
MMDadoda
9/13/2019 10:12:12 AM

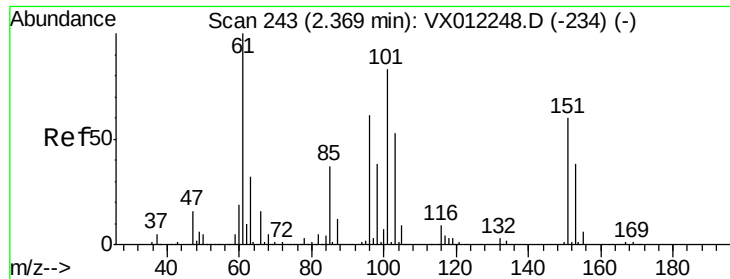


#8

Diethyl Ether
Concen: 46.287 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.7	51.3	153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.896 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Instrument :

MSVOA_X

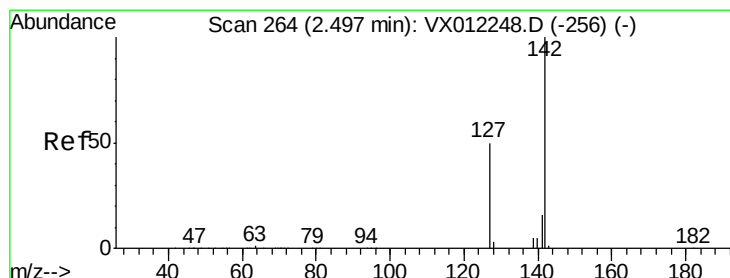
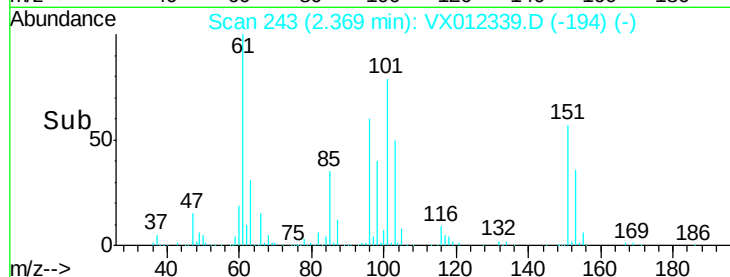
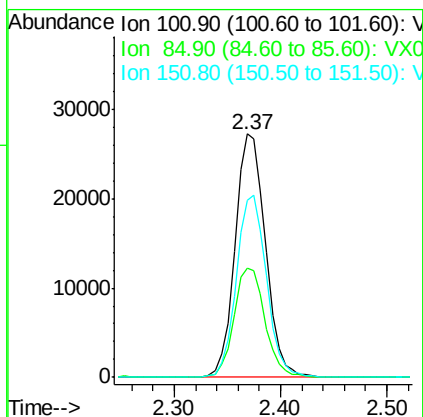
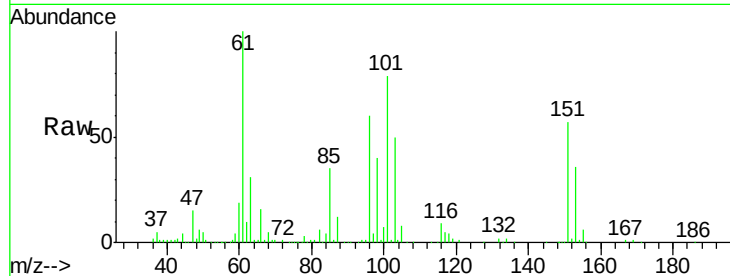
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	54690
Ion Ratio	Lower	Upper	
101	100		
85	45.9	37.0	55.6
151	74.2	58.6	87.8

Manual Integrations
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9/13/2019 10:12:12 AM



#10

Methyl Iodide

Concen: 38.802 ug/l

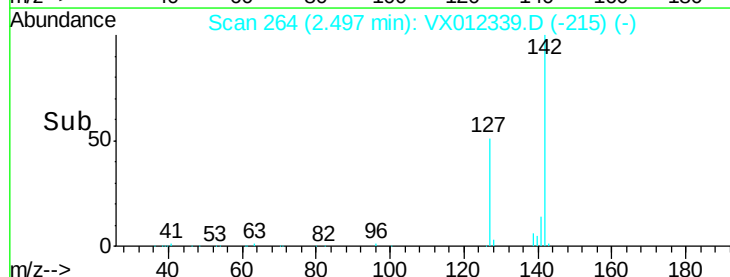
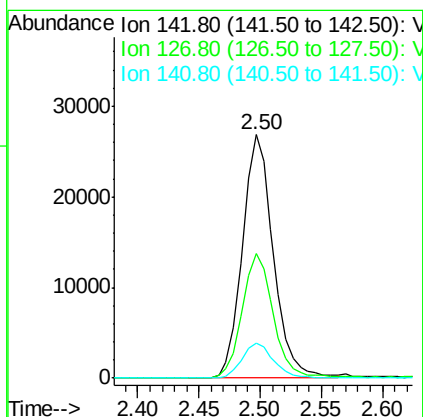
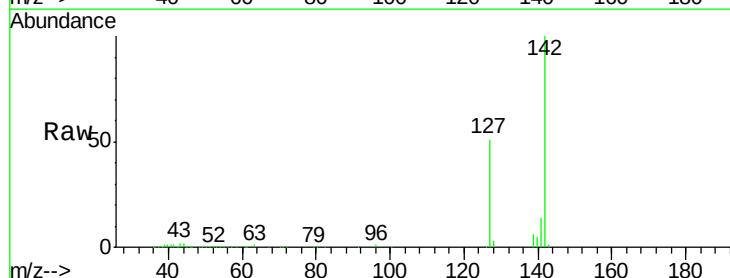
RT: 2.50 min Scan# 264

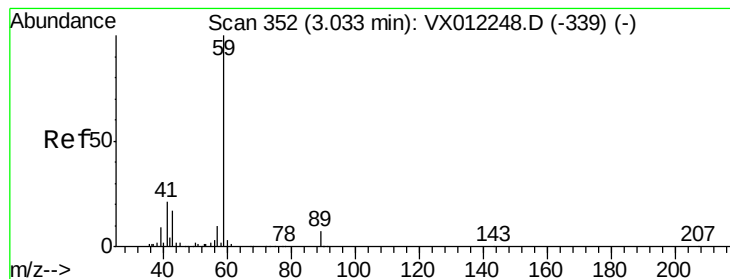
Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Tgt Ion:	142	Resp:	47084
Ion Ratio	Lower	Upper	
142	100		
127	51.7	40.6	61.0
141	14.5	12.0	18.0





#11

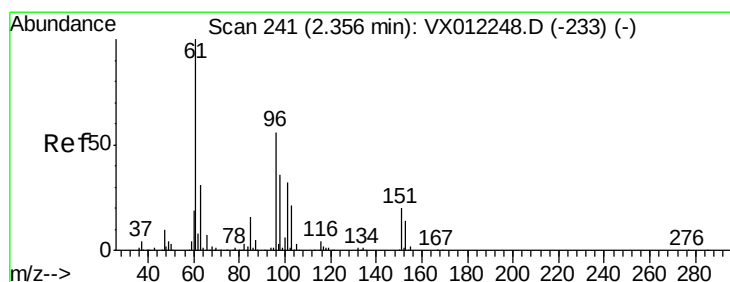
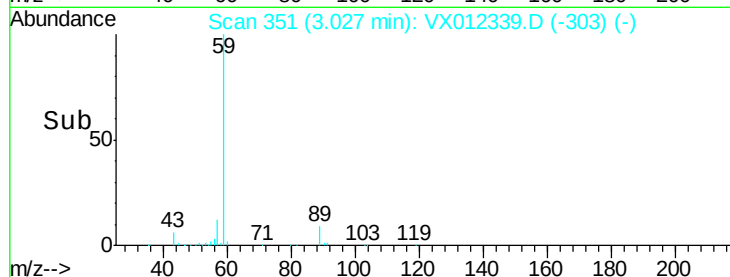
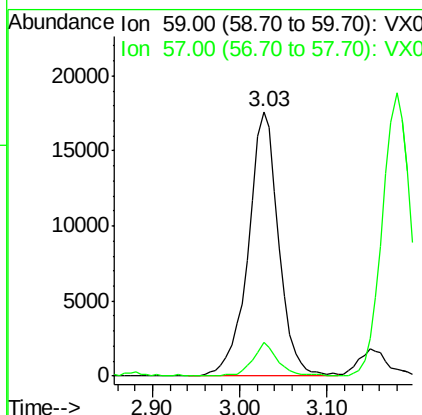
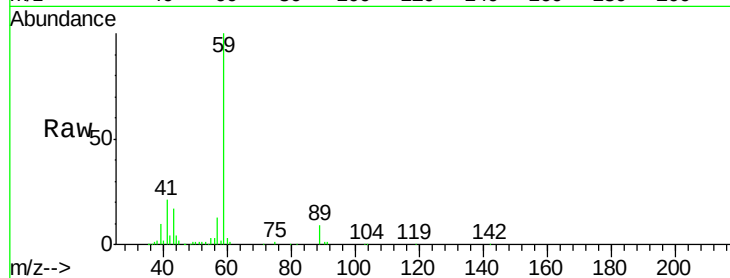
Tert butyl alcohol
Concen: 195.083 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	7.8	11.6

Manual Integrations
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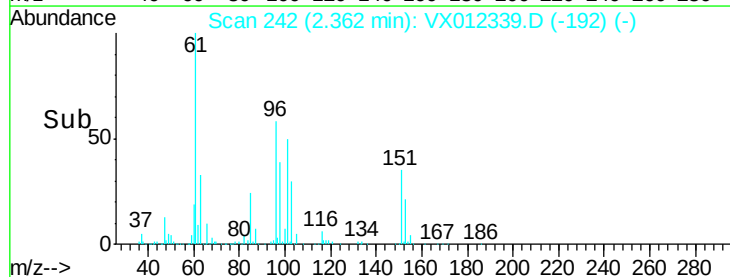
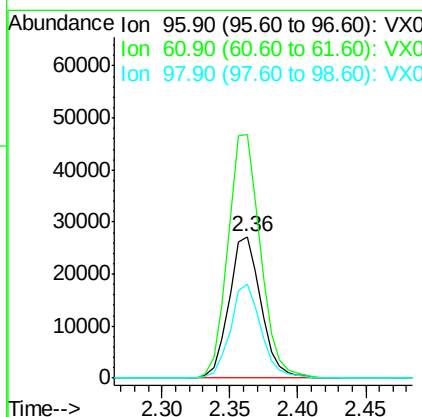
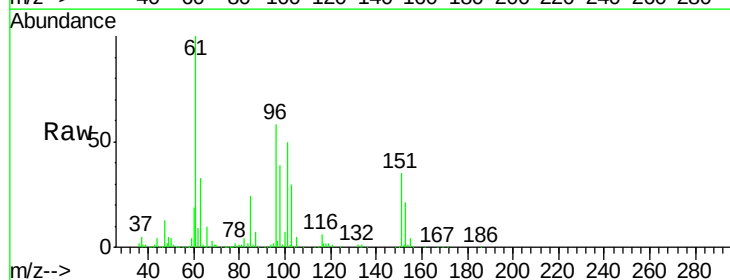
MMDadoda
9/13/2019 10:12:12 AM

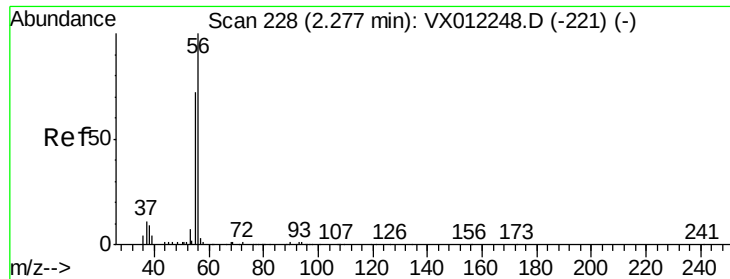


#12

1,1-Dichloroethene
Concen: 41.156 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.01 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.5	142.2	213.2
98	66.3	51.3	76.9





#13

Acrolein

Concen: 314.643 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 33263

Ion Ratio Lower Upper

56 100

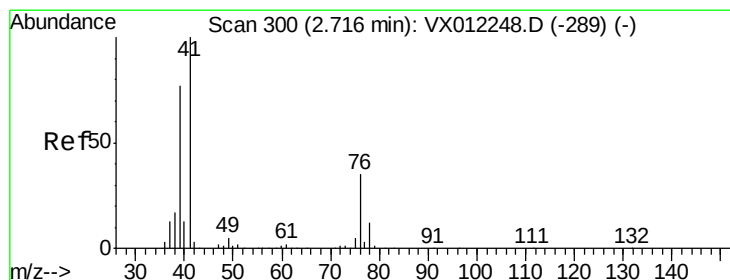
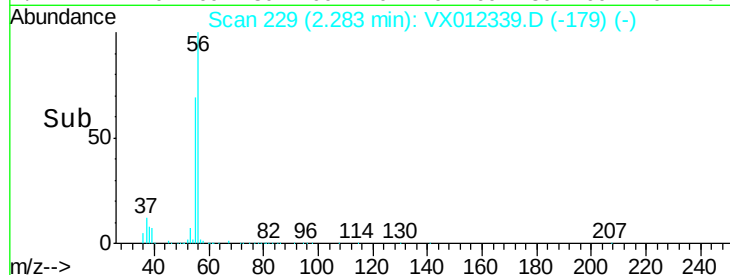
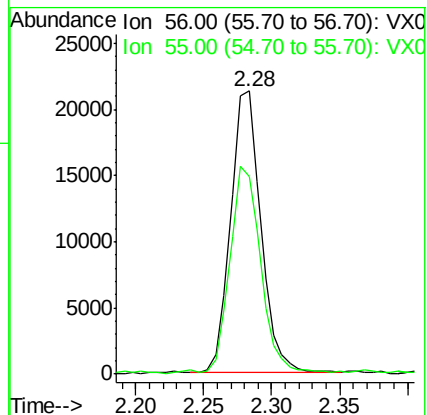
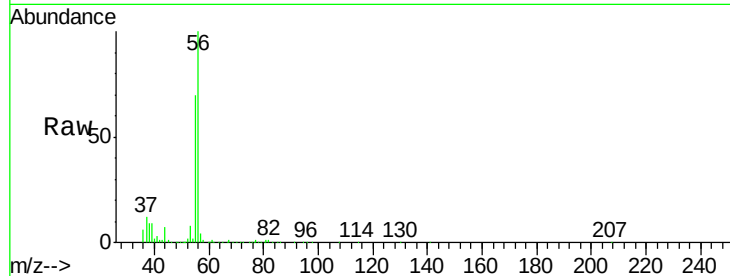
55 74.7 59.8 89.6

Manual Integrations

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#14

Allyl chloride

Concen: 46.351 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

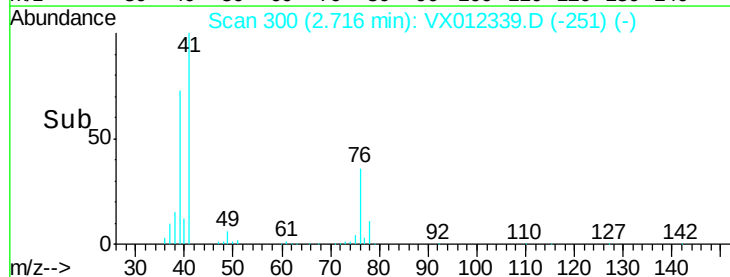
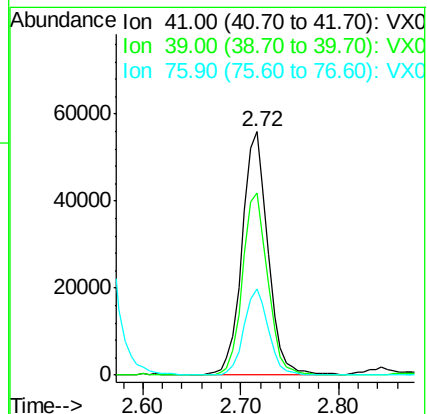
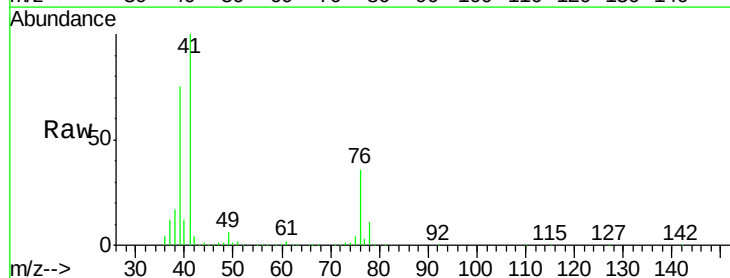
Tgt Ion: 41 Resp: 102286

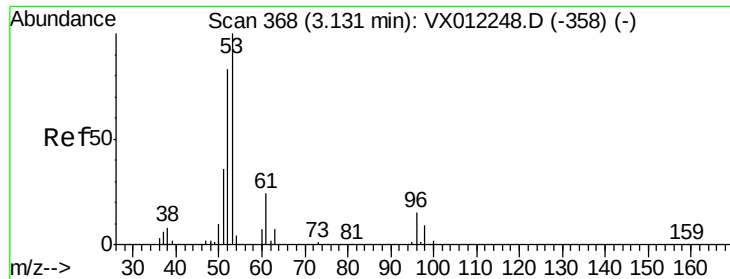
Ion Ratio Lower Upper

41 100

39 72.8 58.6 87.8

76 33.7 26.3 39.5





#15

Acrylonitrile

Concen: 230.054 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Instrument :

MSVOA_X

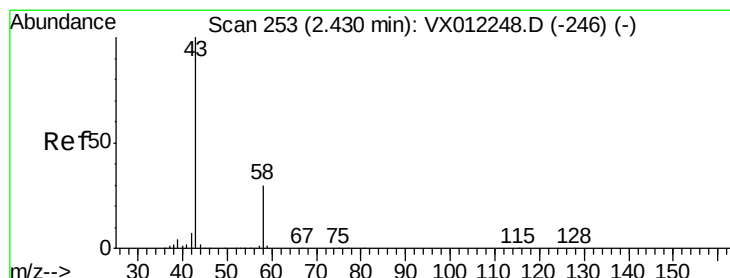
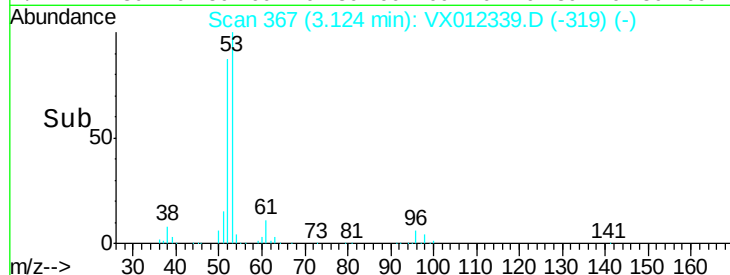
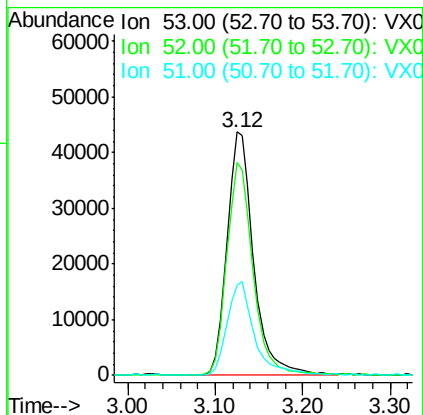
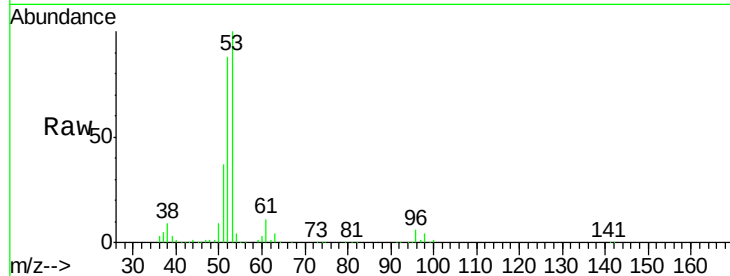
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	91796
Ion	Ratio	Lower	Upper
53	100		
52	86.6	66.8	100.2
51	39.1	30.7	46.1

Manual Integrations
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#16

Acetone

Concen: 247.141 ug/l

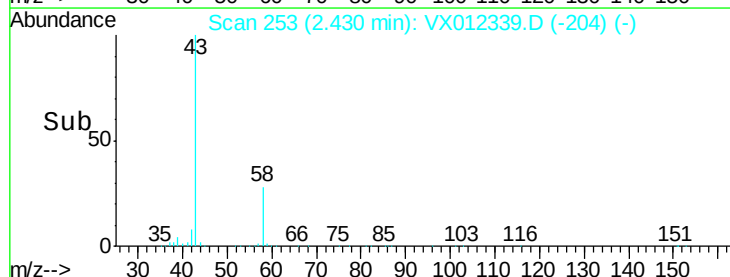
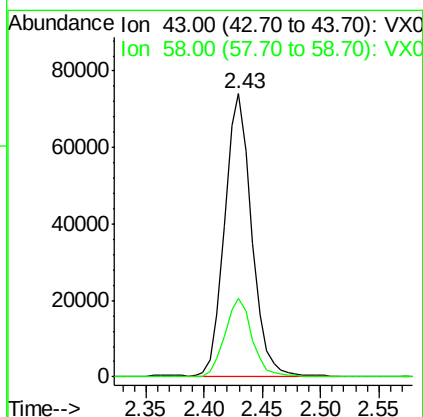
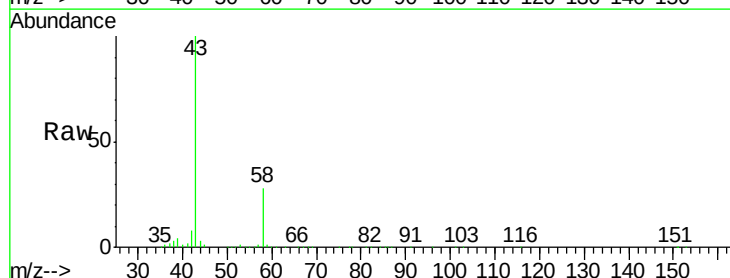
RT: 2.43 min Scan# 253

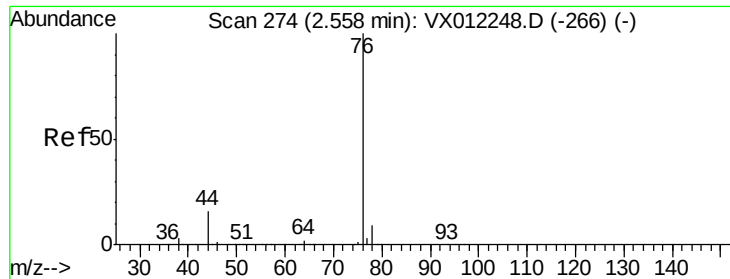
Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Tgt Ion:	43	Resp:	118318
Ion	Ratio	Lower	Upper
43	100		
58	27.8	23.6	35.4





#17

Carbon Disulfide

Concen: 44.078 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 100187

Ion Ratio Lower Upper

76 100

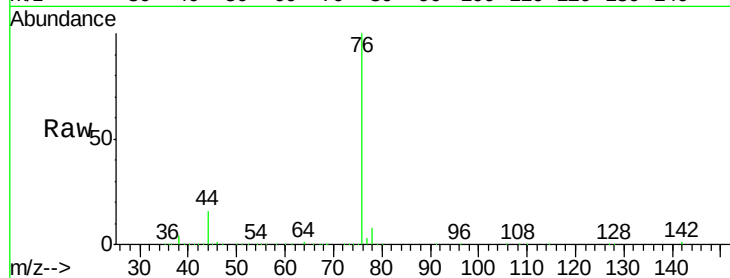
78 8.4 7.4 11.2

Manual Integrations

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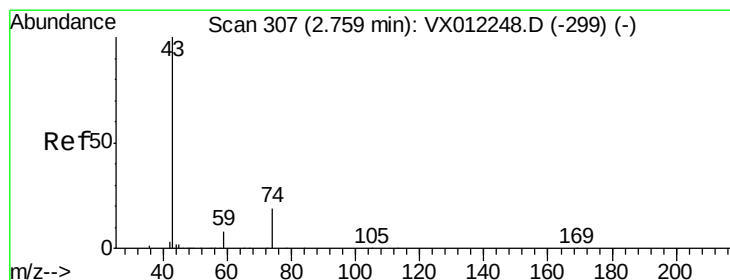
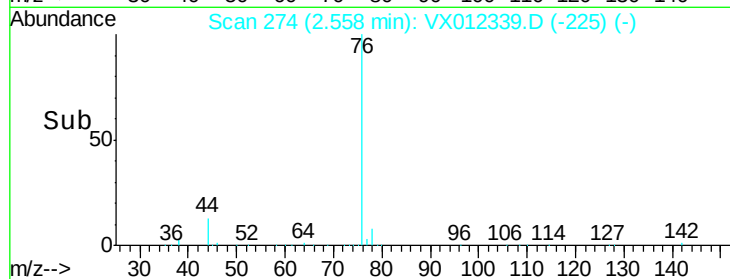
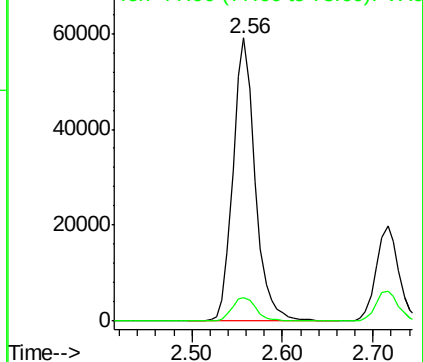
MMDadoda

9/13/2019 10:12:12 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 44.228 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012339.D

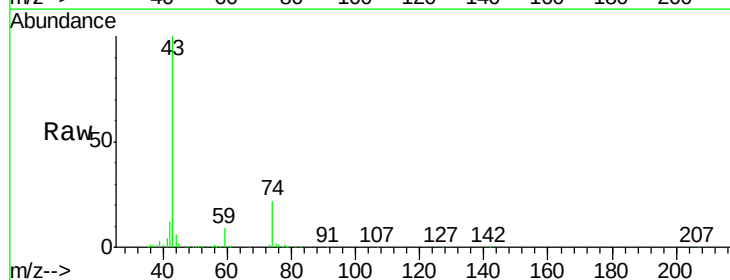
Acq: 12 Sep 2019 10:15

Tgt Ion: 43 Resp: 44505

Ion Ratio Lower Upper

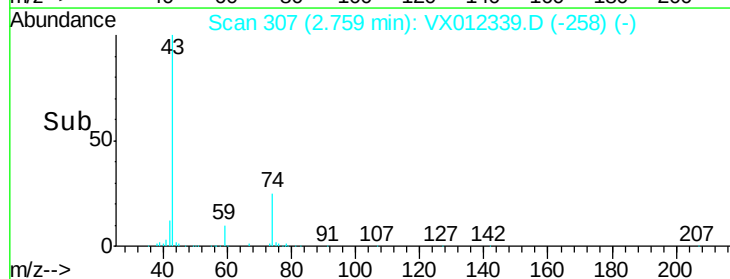
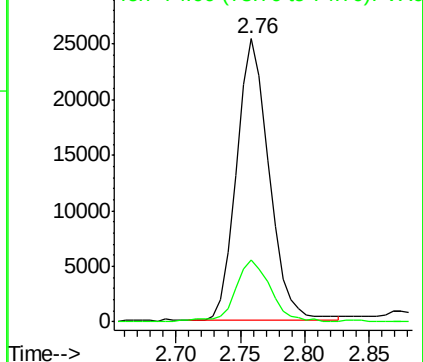
43 100

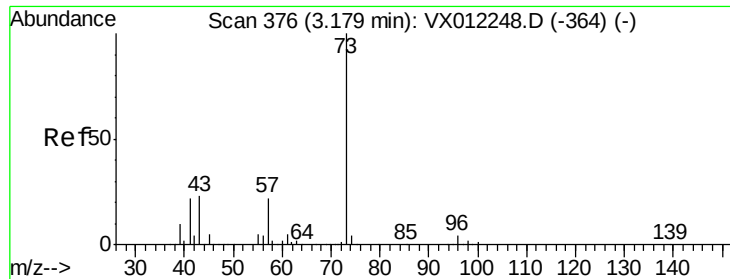
74 23.9 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





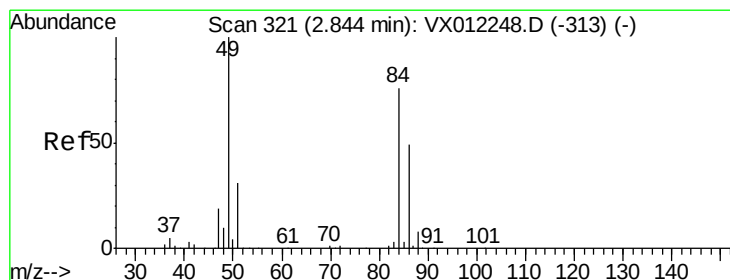
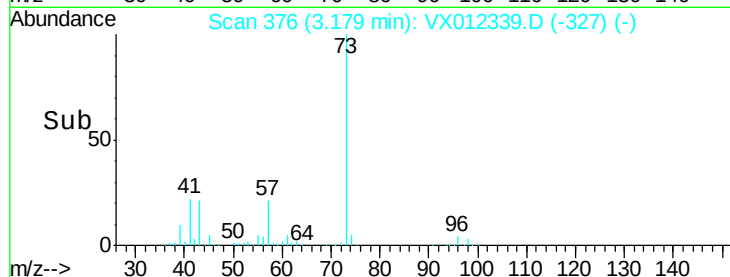
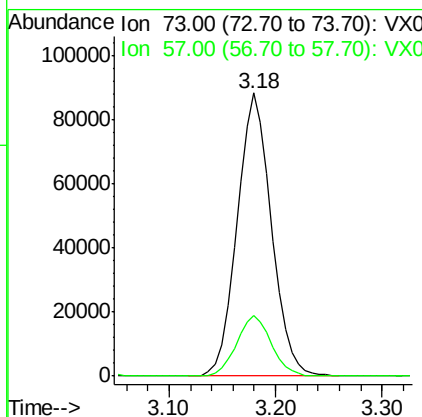
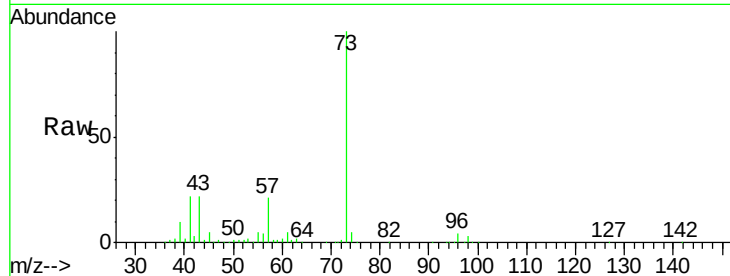
#19
Methyl tert-butyl Ether
Concen: 46.685 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.7	26.5

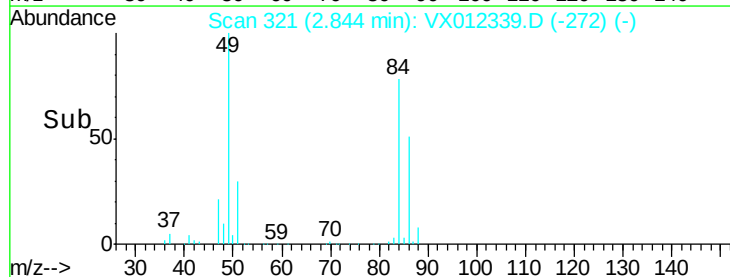
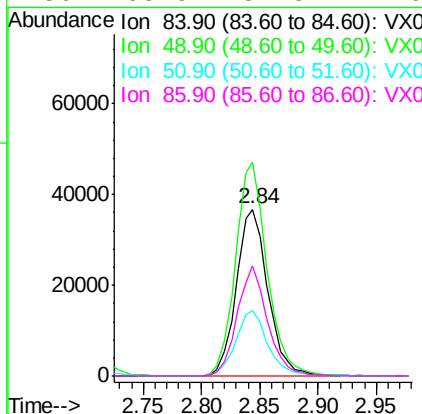
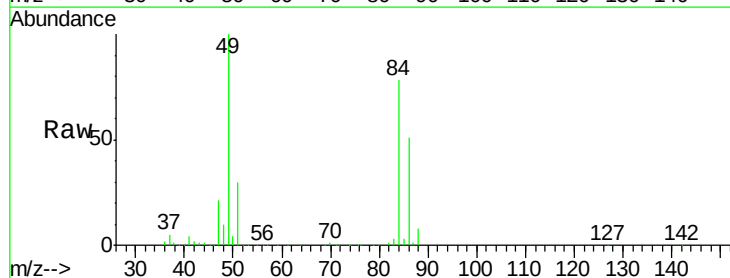
Manual Integrations
APPROVED

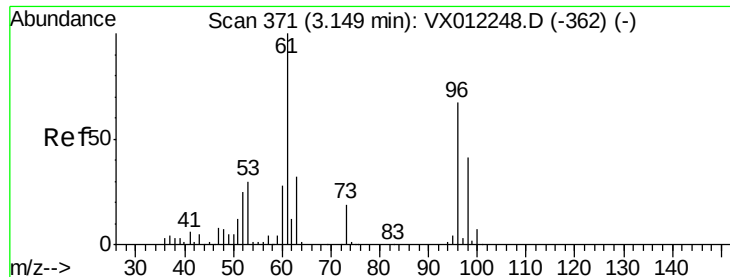
MMDadoda
9/13/2019 10:12:12 AM



#20
Methylene Chloride
Concen: 46.331 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.8	105.0	157.6
51	39.0	32.6	48.8
86	65.9	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 46.590 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Instrument :

MSVOA_X

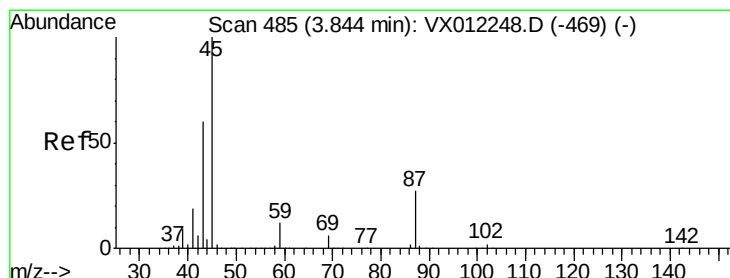
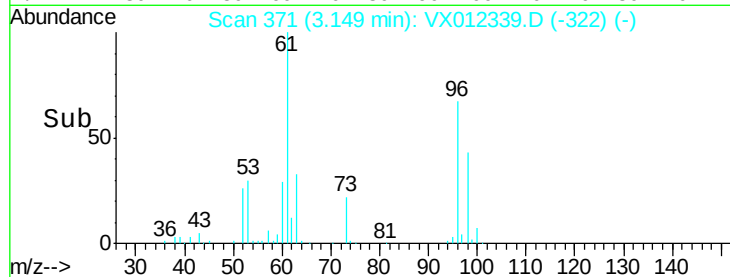
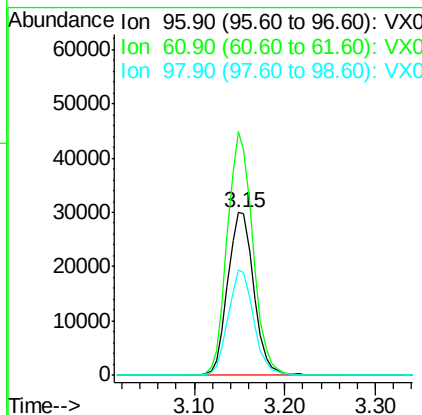
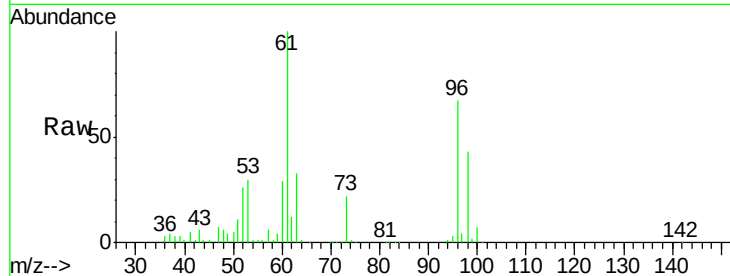
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	60165
Ion	Ratio	Lower	Upper
96	100		
61	149.4	119.4	179.2
98	65.0	48.4	72.6

Manual Integrations
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9/13/2019 10:12:12 AM



#22

Diisopropyl ether

Concen: 46.740 ug/l

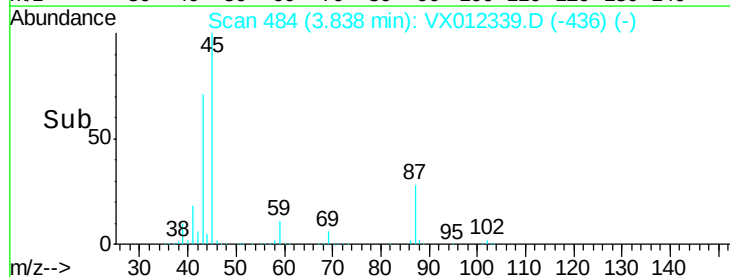
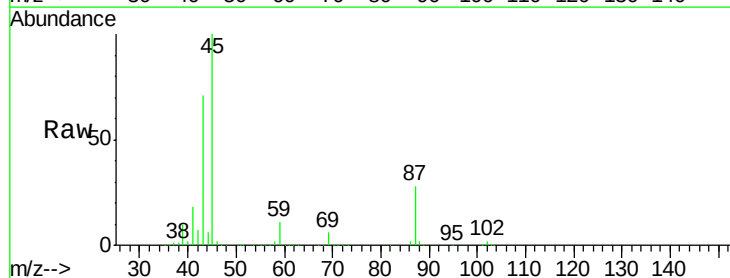
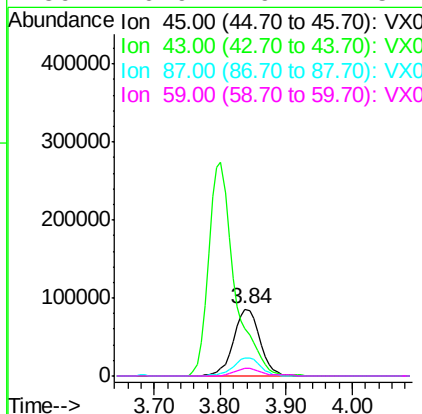
RT: 3.84 min Scan# 484

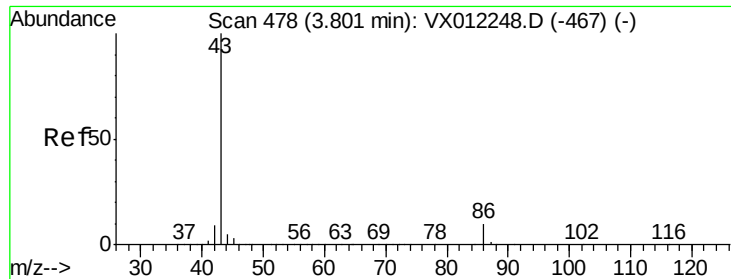
Delta R.T. -0.01 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Tgt Ion:	45	Resp:	235888
Ion	Ratio	Lower	Upper
45	100		
43	71.0	48.3	72.5
87	27.6	21.8	32.8
59	10.9	9.1	13.7





#23

Vinyl Acetate

Concen: 240.069 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 743355

Ion Ratio Lower Upper

43 100

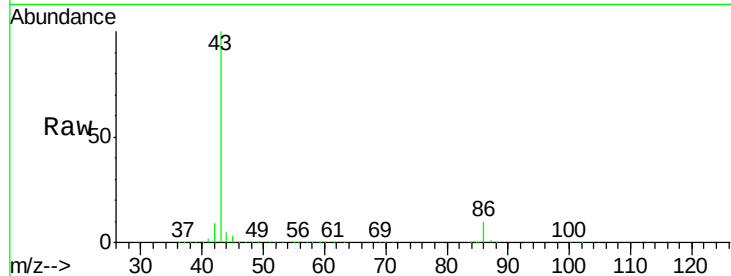
86 10.1 8.3 12.5

Manual Integrations

APPROVED

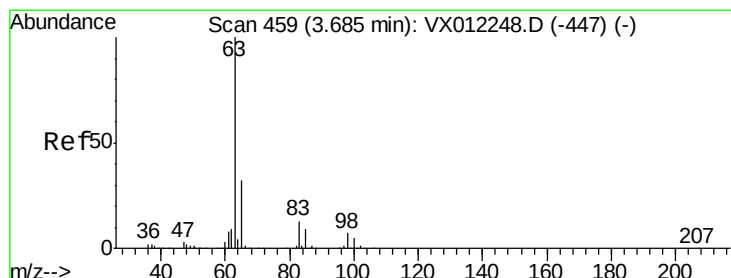
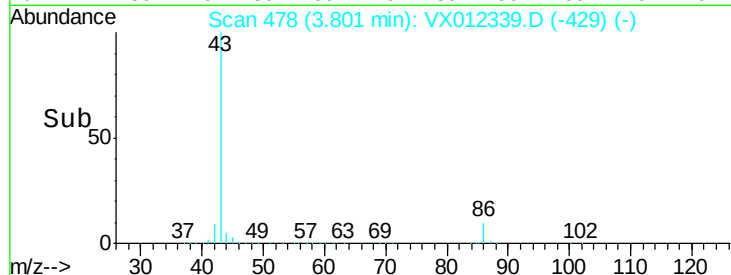
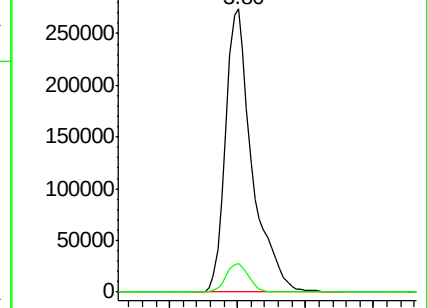
MMDadoda

9/13/2019 10:12:12 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.745 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

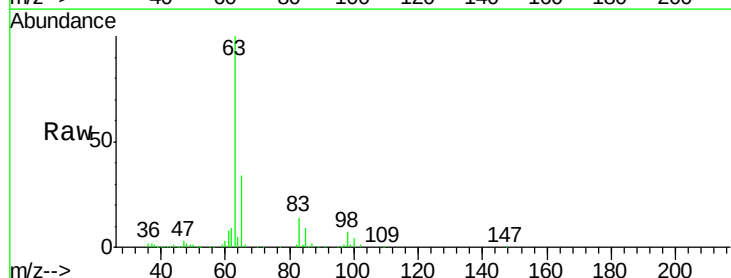
Tgt Ion: 63 Resp: 126365

Ion Ratio Lower Upper

63 100

98 7.4 3.4 10.1

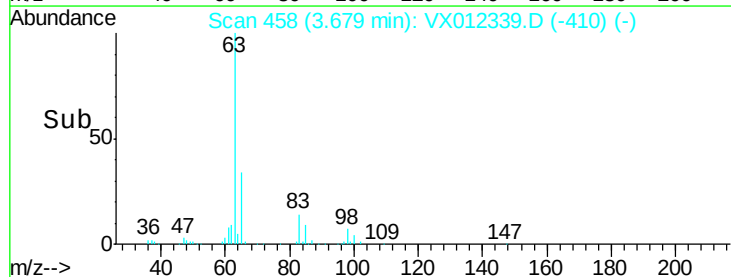
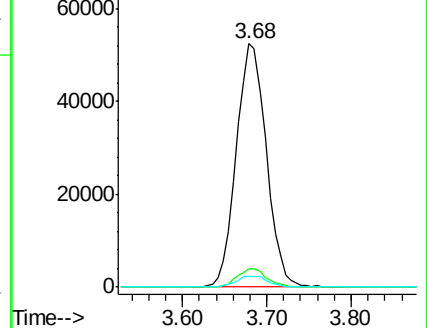
100 4.3 2.4 7.2

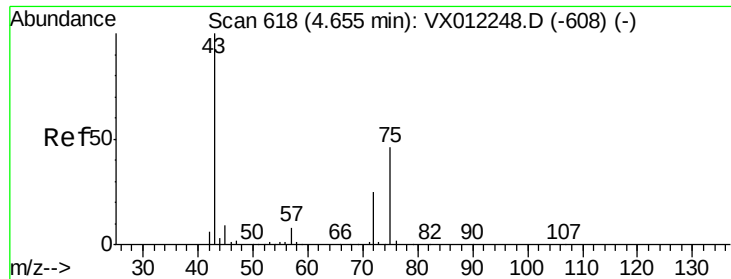


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 238.891 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Tot Ion: 43 Resp: 146203

Ion Ratio Lower Upper

43 100

72 24.1 20.2 30.2

Instrument :

MSVOA_X

ClientSampleId :

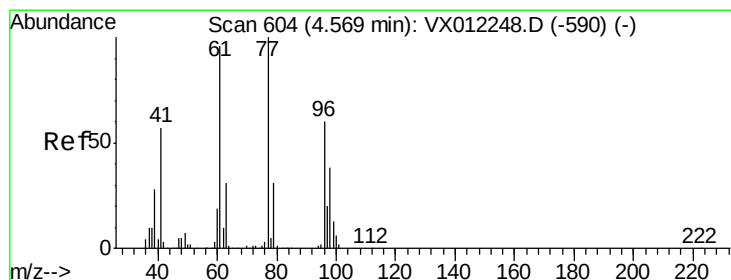
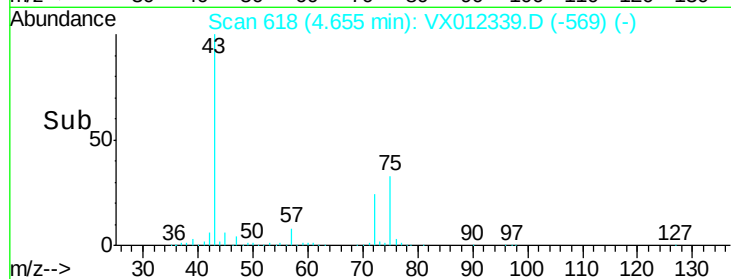
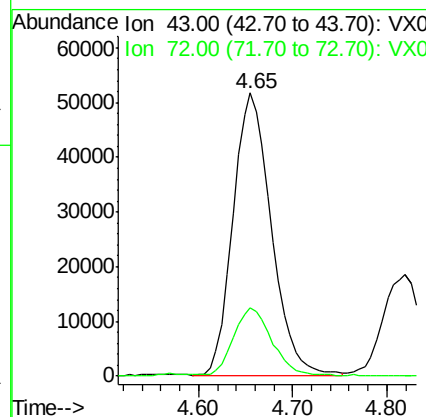
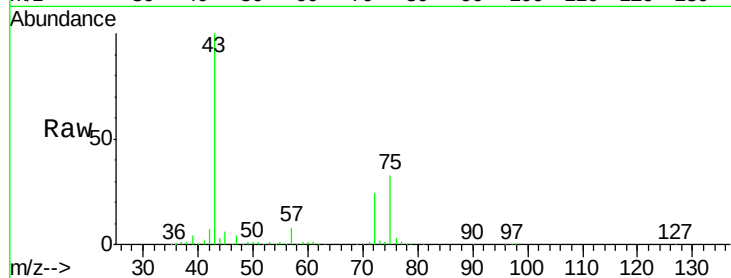
VSTDCCC050

Manual Integrations

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9/13/2019 10:12:12 AM



#26

2,2-Dichloropropane

Concen: 47.908 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012339.D

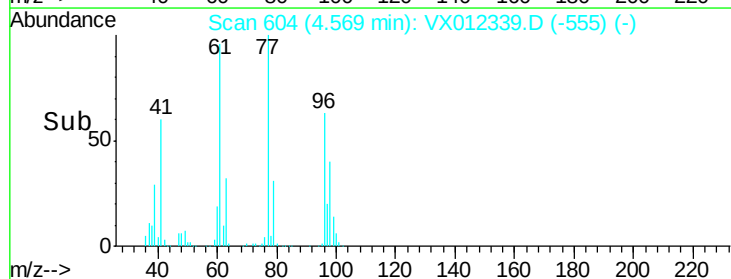
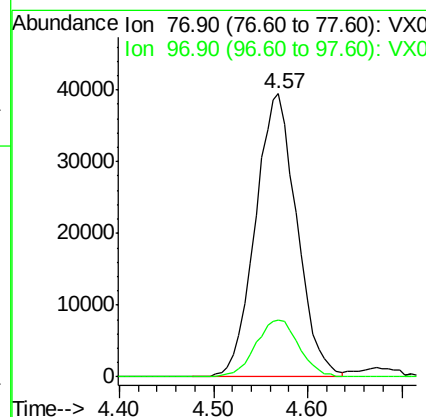
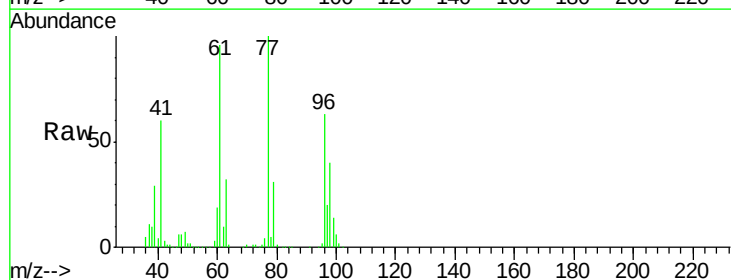
Acq: 12 Sep 2019 10:15

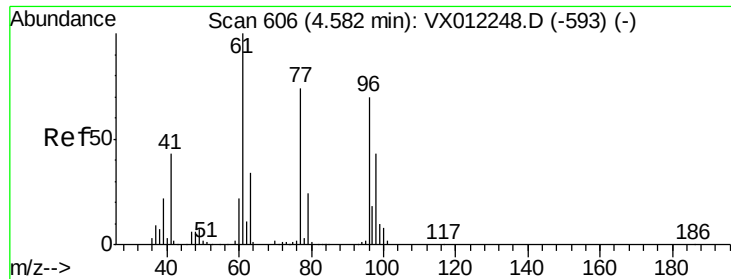
Tgt Ion: 77 Resp: 121591

Ion Ratio Lower Upper

77 100

97 21.1 10.7 32.1





#27

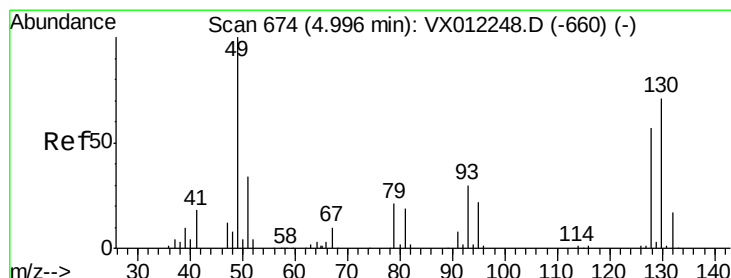
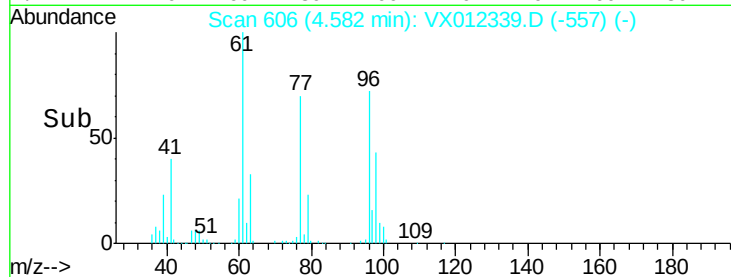
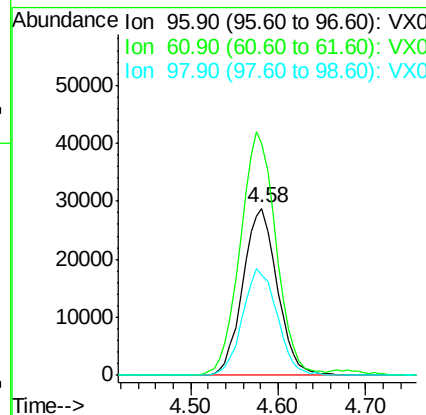
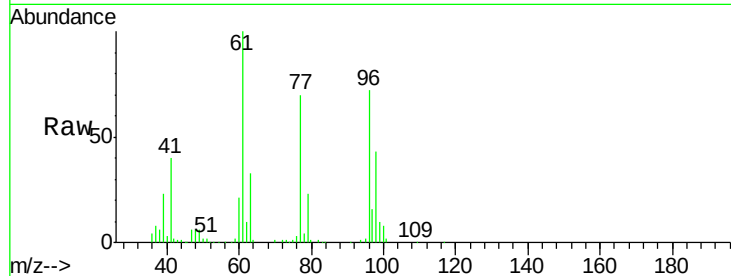
cis-1,2-Dichloroethene
Concen: 47.426 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	151.3	0.0	310.4	
98	64.3	0.0	128.8	

Manual Integrations
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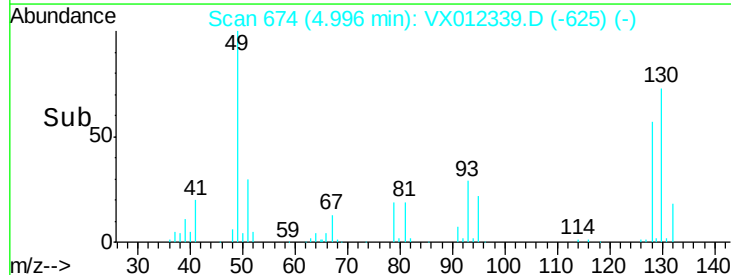
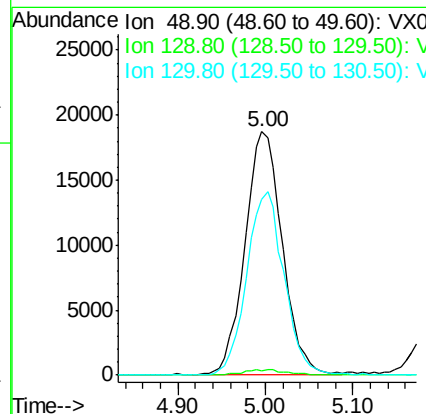
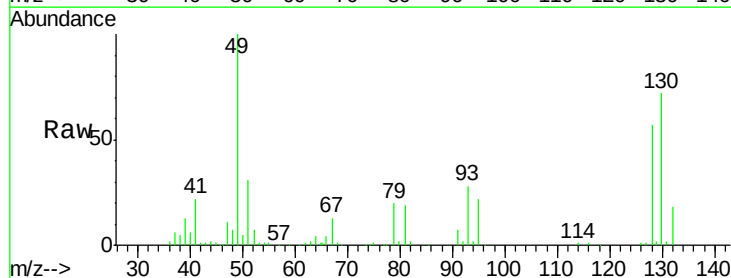
MMDadoda
9/13/2019 10:12:12 AM

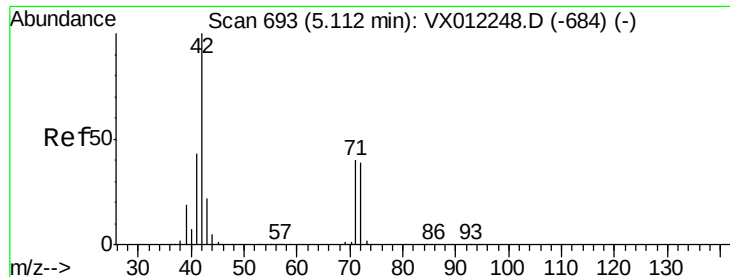


#28

Bromochloromethane
Concen: 43.918 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.5	0.0	5.2	
130	75.1	60.1	90.1	





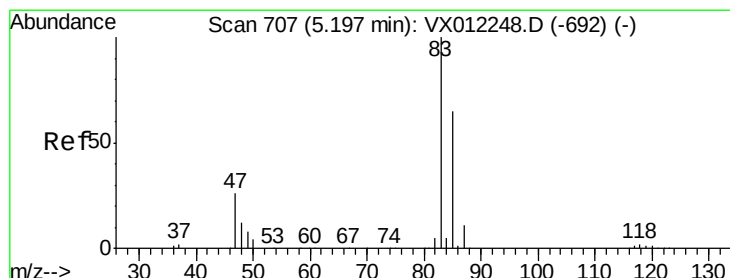
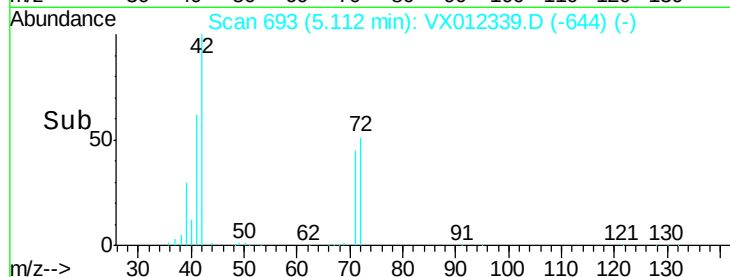
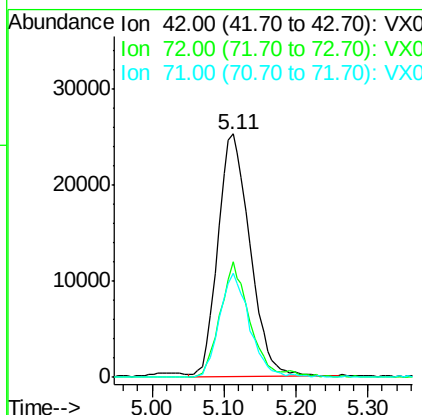
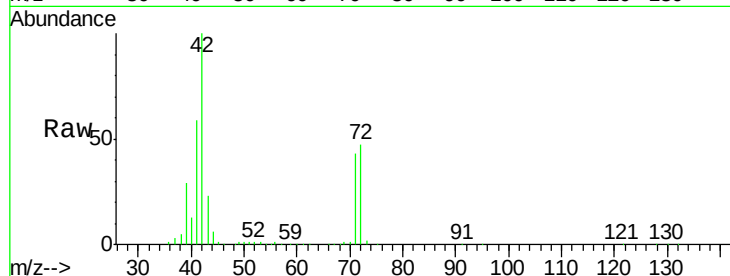
#29
Tetrahydrofuran
Concen: 236.399 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	78060
Ion Ratio	Lower	Upper	
42	100		
72	43.4	35.2	52.8
71	40.8	32.5	48.7

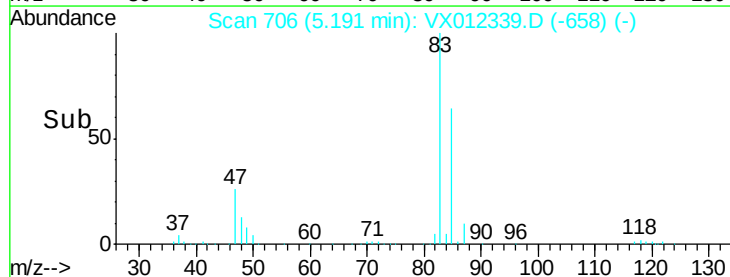
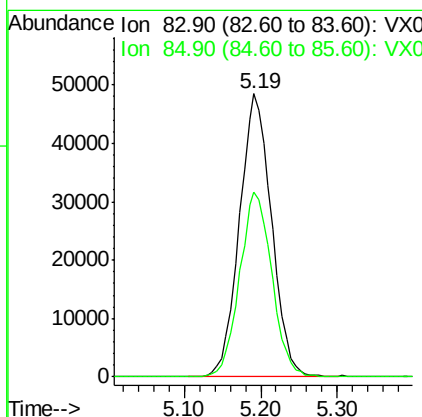
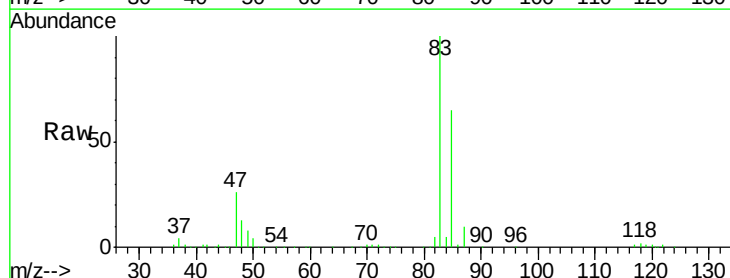
Manual Integrations
APPROVED

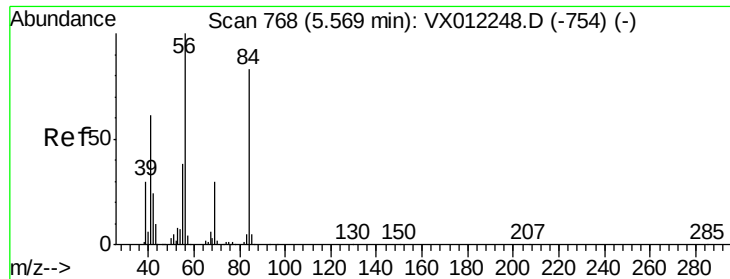
MMDadoda
9/13/2019 10:12:12 AM



#30
Chloroform
Concen: 46.430 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Tgt Ion:	83	Resp:	141535
Ion Ratio	Lower	Upper	
83	100		
85	65.2	52.3	78.5





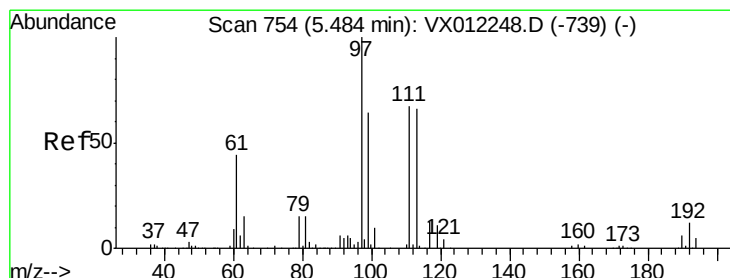
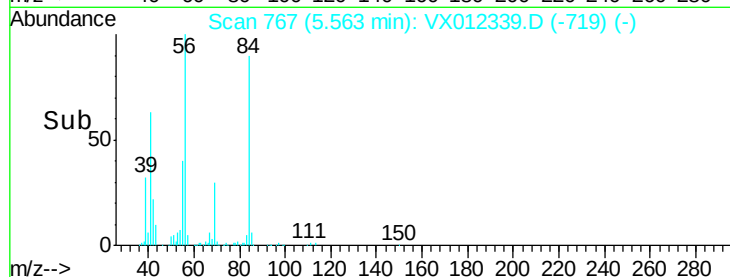
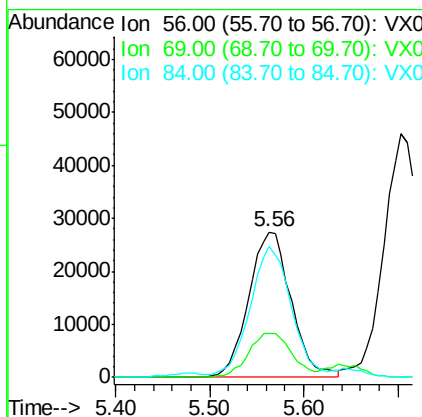
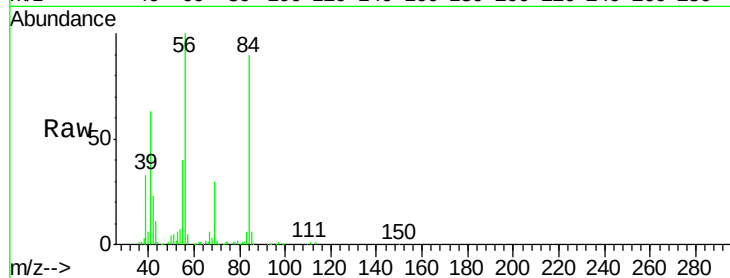
#31
Cyclohexane
Concen: 45.614 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	30.5	23.8	35.6	
84	87.8	66.6	100.0	

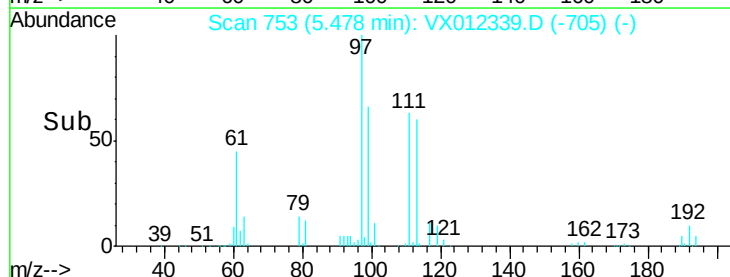
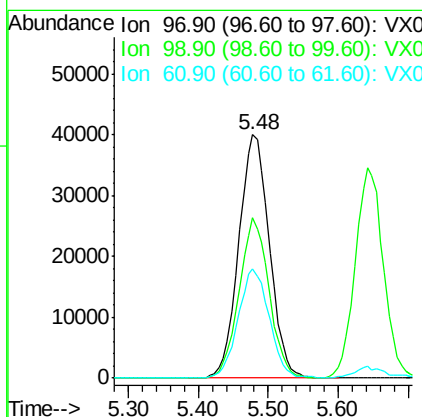
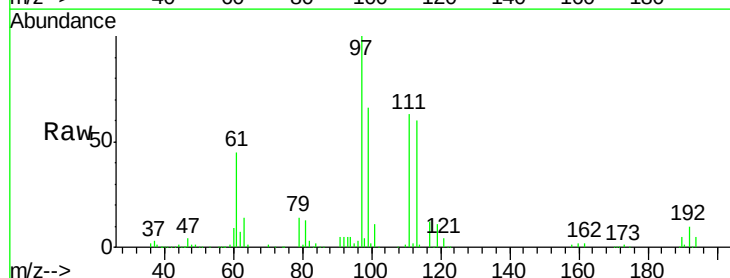
Manual Integrations
APPROVED

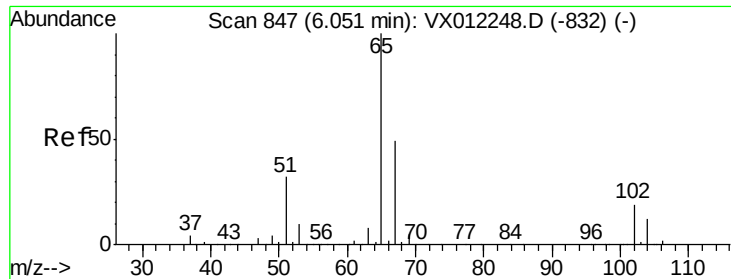
MMDadoda
9/13/2019 10:12:12 AM



#32
1,1,1-Trichloroethane
Concen: 46.468 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.5	51.3	76.9	
61	45.6	35.4	53.0	





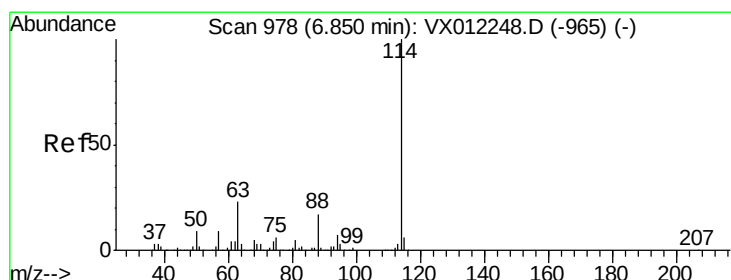
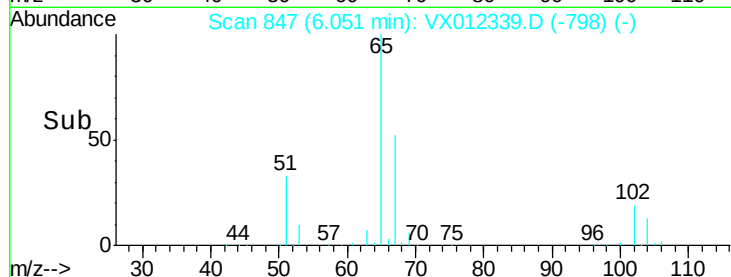
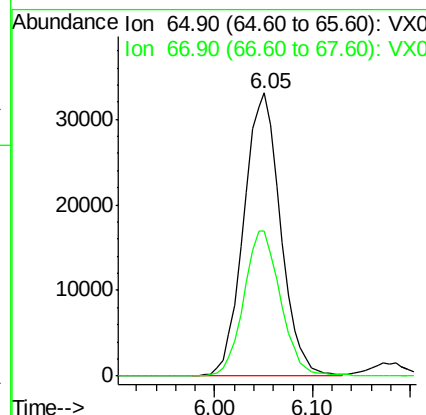
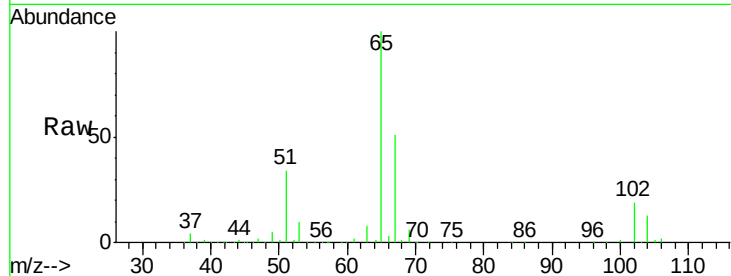
#33
 1,2-Dichloroethane-d4
 Concen: 42.755 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012339.D
 Acq: 12 Sep 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.1	0.0	99.8	

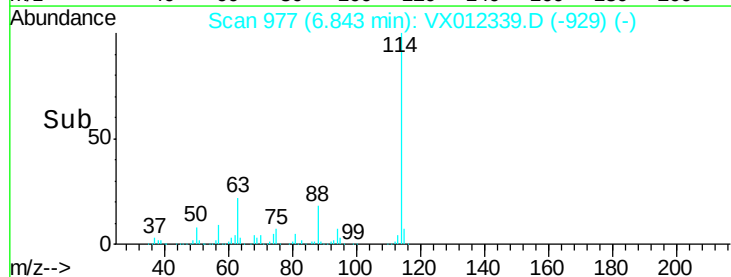
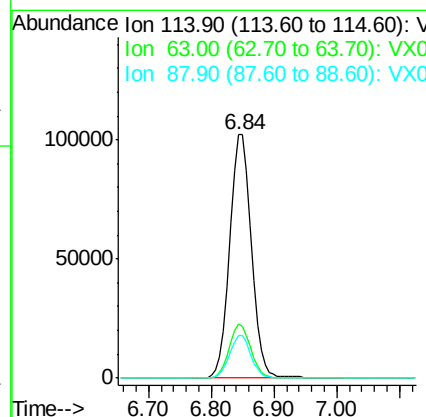
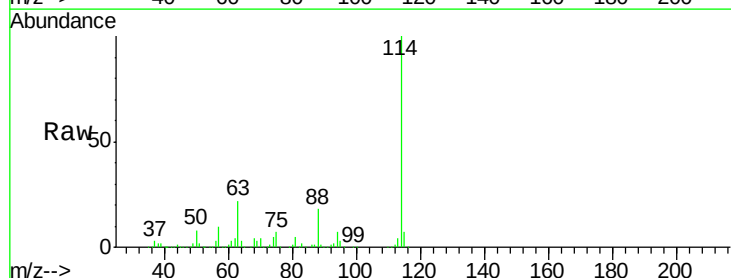
Manual Integrations
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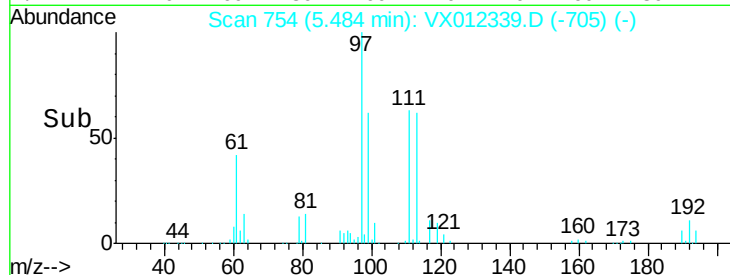
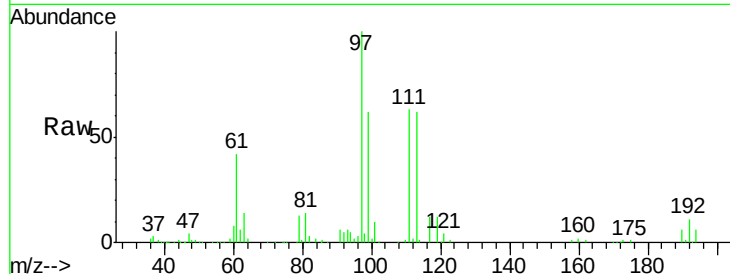
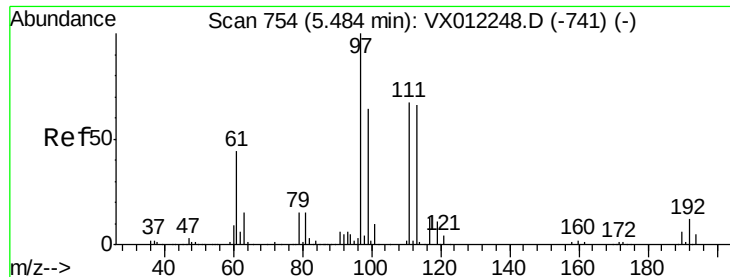
MMDadoda
 9/13/2019 10:12:12 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX012339.D
 Acq: 12 Sep 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.2	0.0	45.2	
88	17.6	0.0	34.8	





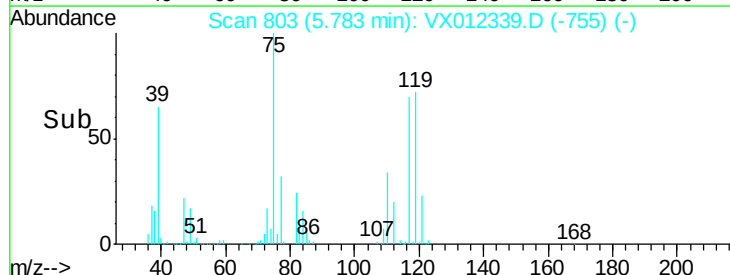
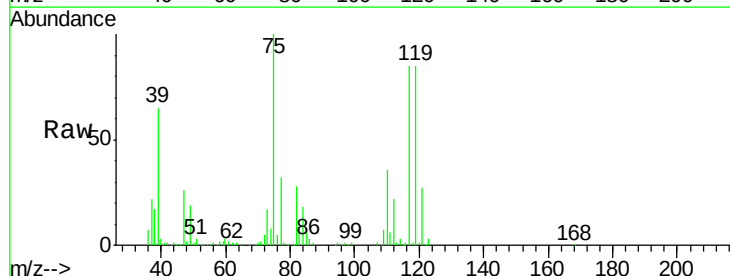
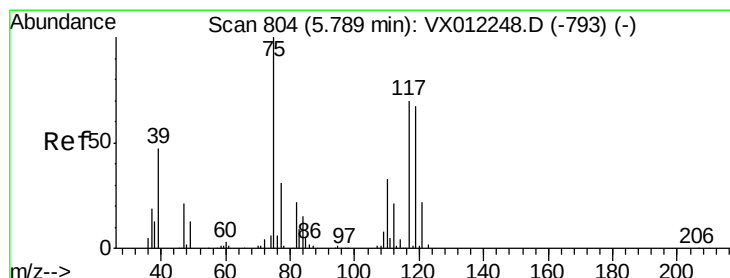
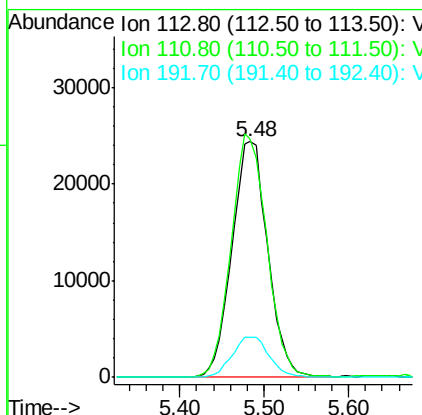
#35
Dibromofluoromethane
Concen: 44.716 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Tot Ion	Ratio	Resp	Lower	Upper
113	100	70353		
111	103.1		83.0	124.6
192	17.7		14.3	21.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

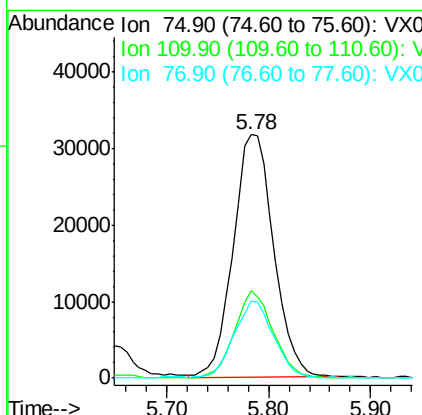
Manual Integrations
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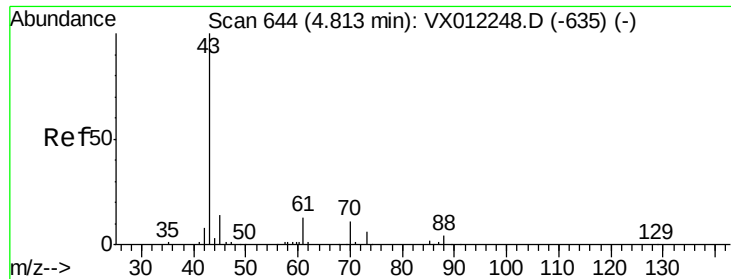
MMDadoda
9/13/2019 10:12:12 AM



#36
1,1-Dichloropropene
Concen: 48.816 ug/l
RT: 5.78 min Scan# 803
Delta R.T. -0.01 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	87361		
110	34.4		16.8	50.4
77	30.7		24.5	36.7





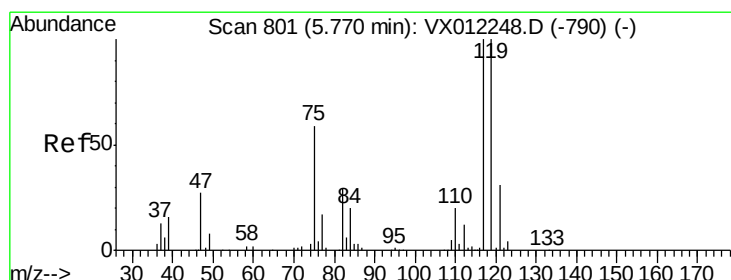
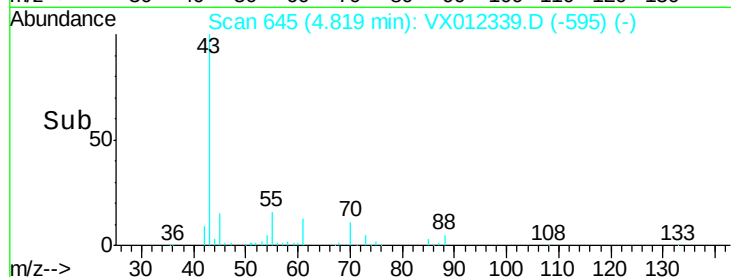
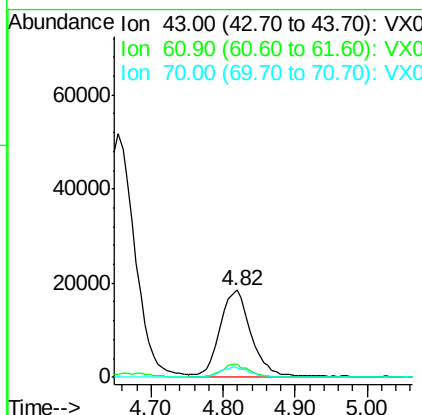
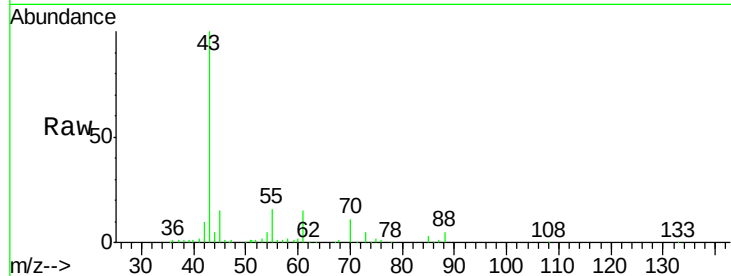
#37
Ethyl Acetate
Concen: 49.947 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.3	15.5
70	11.6	9.1	13.7

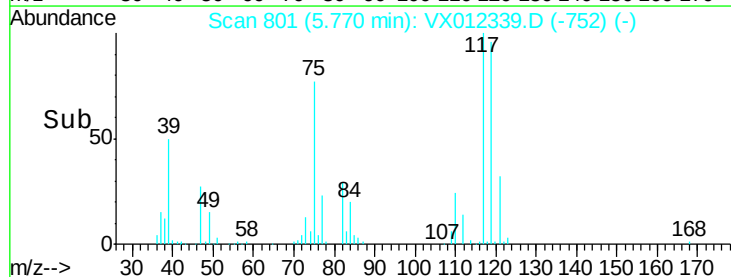
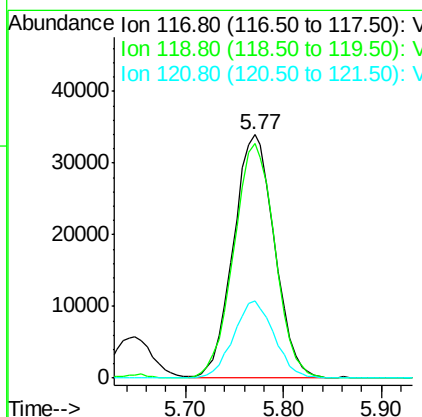
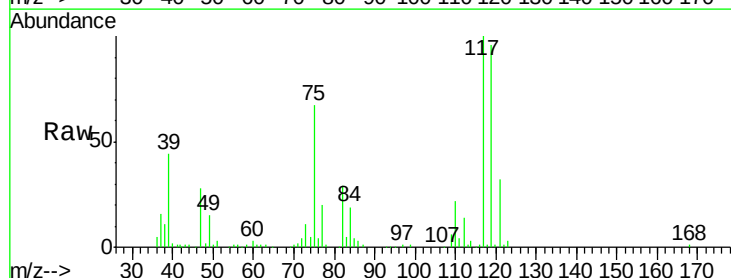
Manual Integrations
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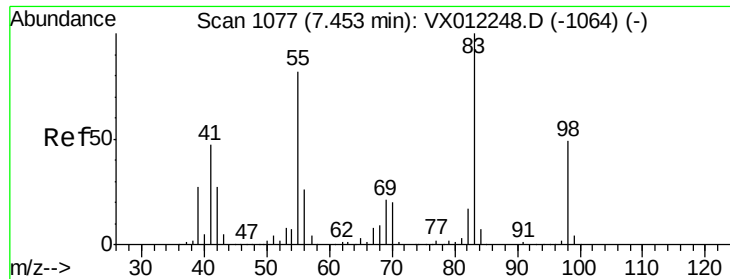
MMDadoda
9/13/2019 10:12:12 AM



#38
Carbon Tetrachloride
Concen: 46.951 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	79.6	119.4
121	32.0	24.7	37.1





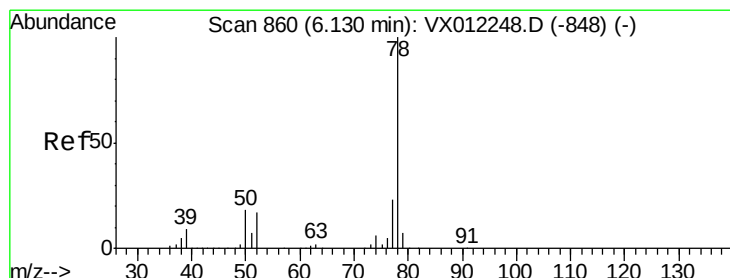
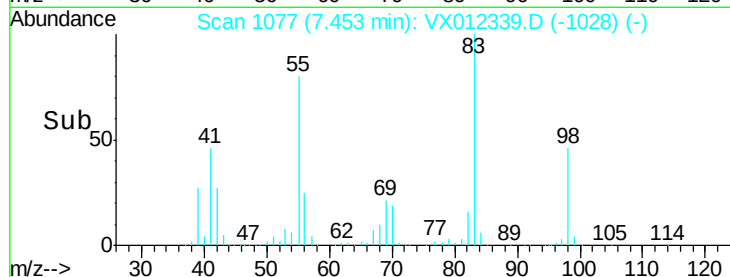
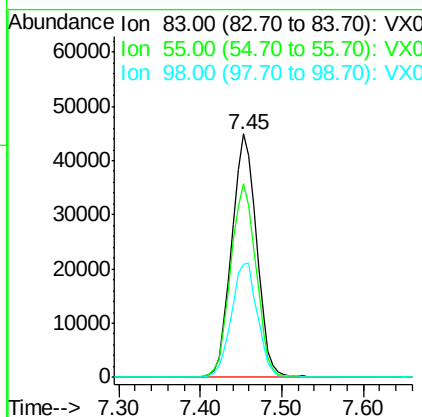
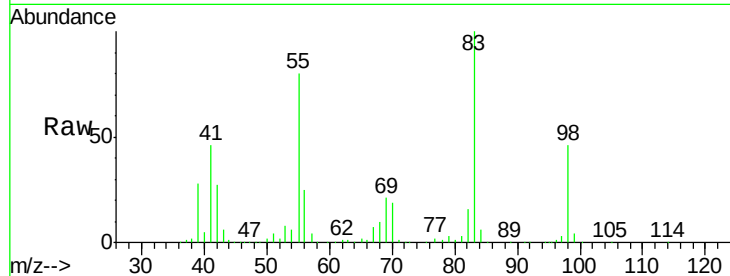
#39
Methylvlcyclohexane
Concen: 48.060 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.5	65.4	98.2
98	46.4	39.6	59.4

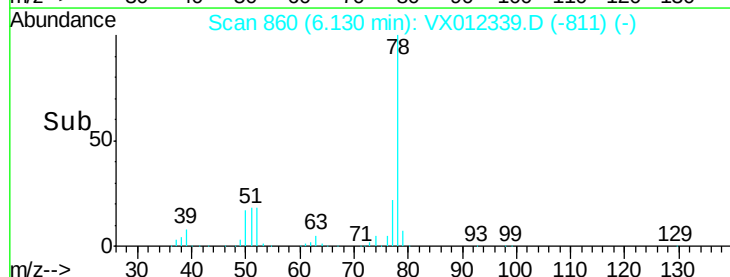
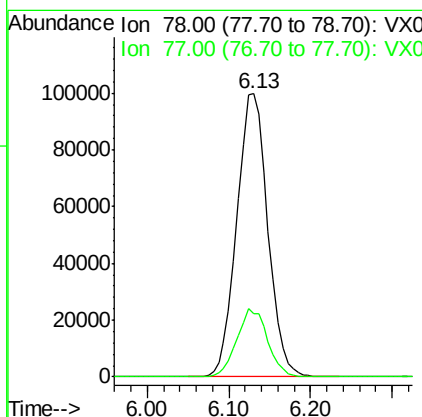
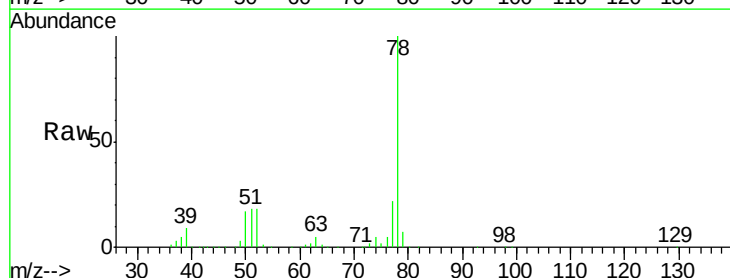
Manual Integrations
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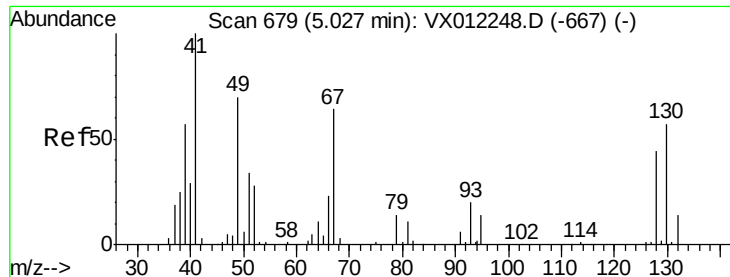
MMDadoda
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#40
Benzene
Concen: 48.576 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.2	18.0	27.0





#41

Methacrylonitrile

Concen: 49.166 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Tot Ion:	41	Resp:	33531
Ion	Ratio	Lower	Upper
41	100		
39	57.8	49.0	73.4
67	69.1	55.0	82.4
52	30.1	25.4	38.0

Instrument :

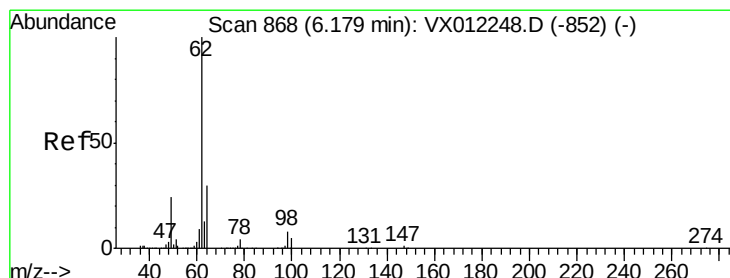
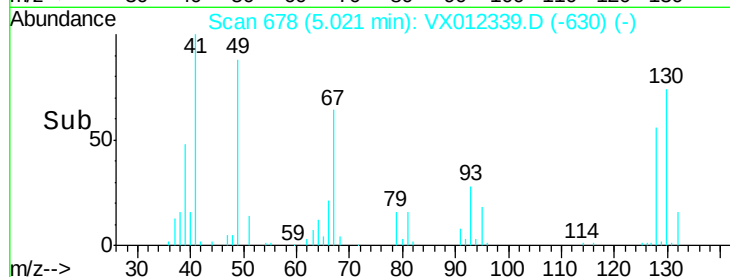
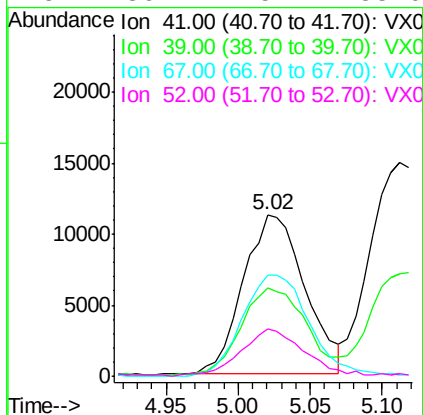
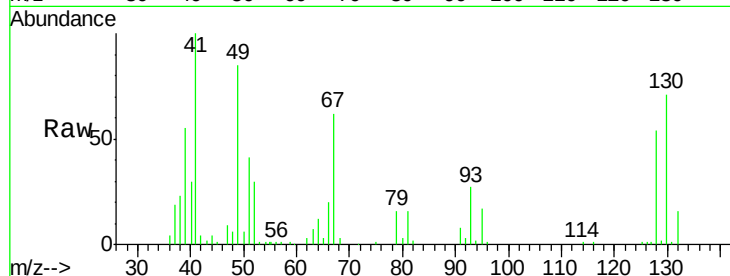
MSVOA_X

ClientSampleId :

VSTDCCC050

Manual Integrations
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9/13/2019 10:12:12 AM



#42

1,2-Dichloroethane

Concen: 47.617 ug/l

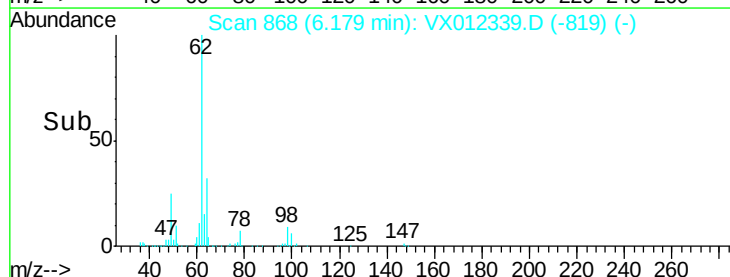
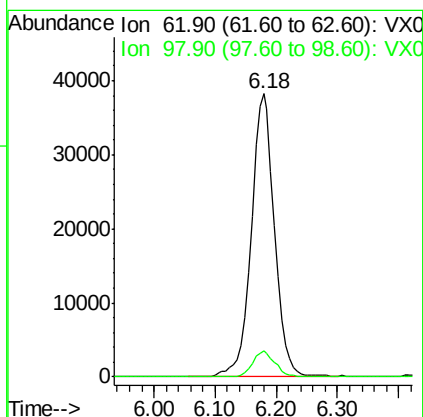
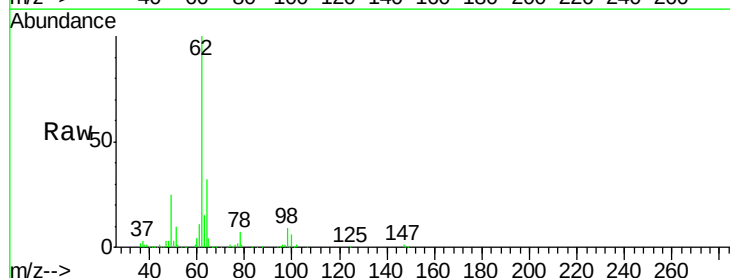
RT: 6.18 min Scan# 868

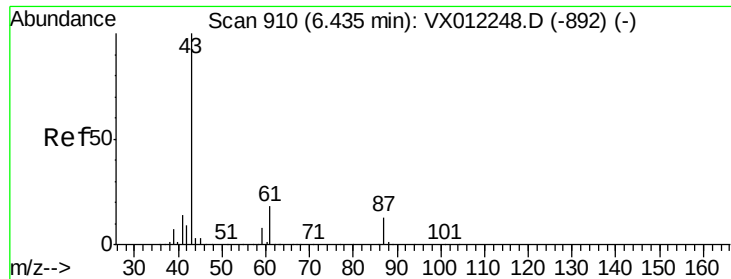
Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Tgt Ion:	62	Resp:	101934
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2





#43

Isopropyl Acetate

Concen: 47.389 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Instrument :

MSVOA_X

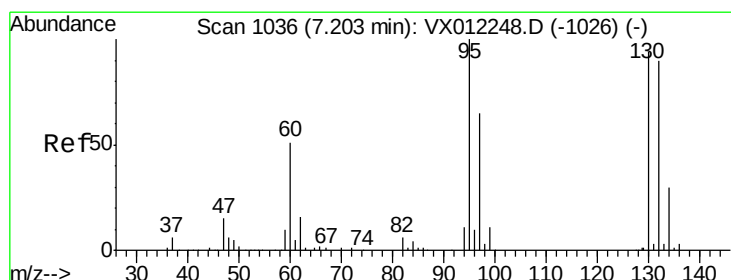
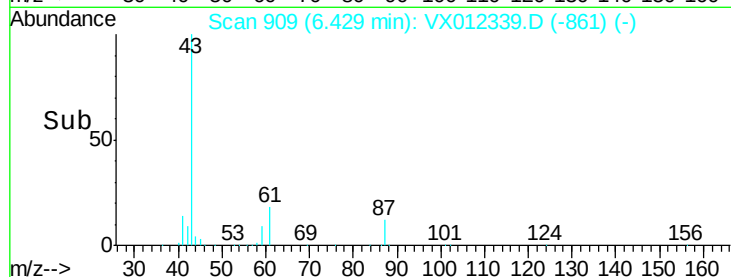
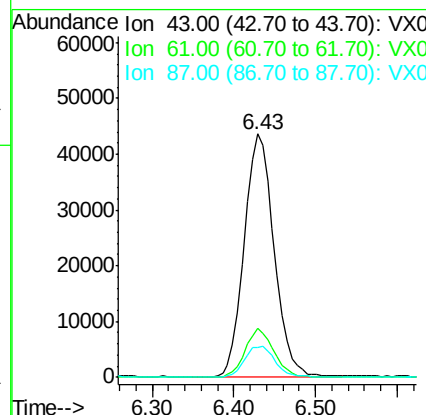
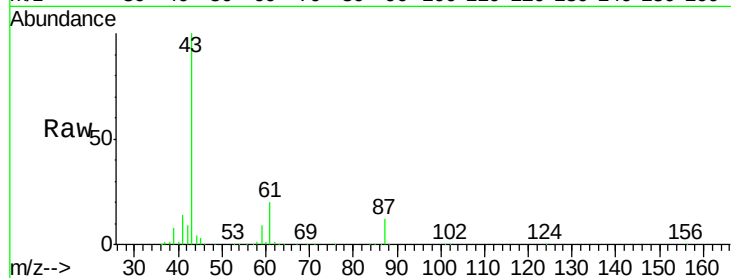
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	110528
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.4	23.2
87	13.2	10.5	15.7

Manual Integrations
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#44

Trichloroethene

Concen: 49.657 ug/l

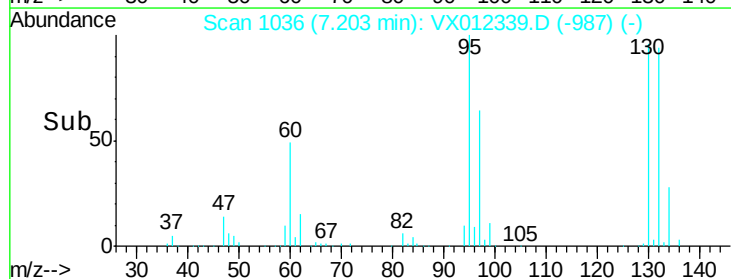
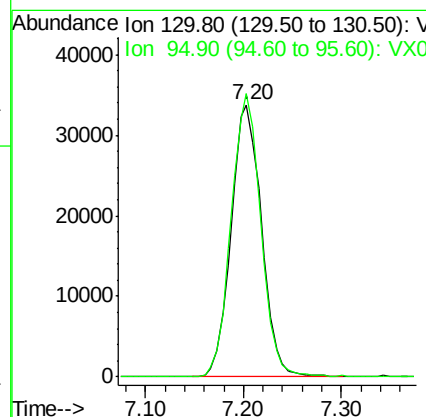
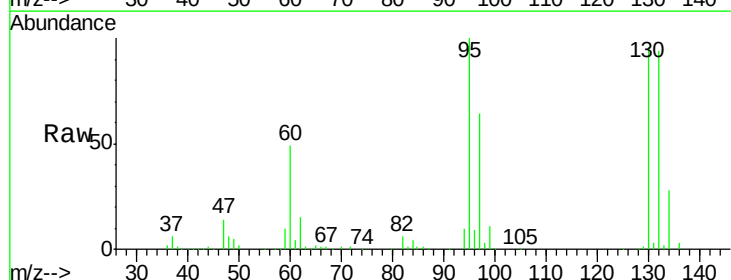
RT: 7.20 min Scan# 1036

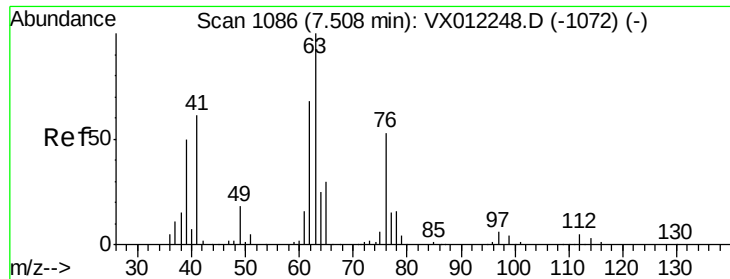
Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Tgt Ion:	130	Resp:	72787
Ion	Ratio	Lower	Upper
130	100		
95	104.0	0.0	212.0





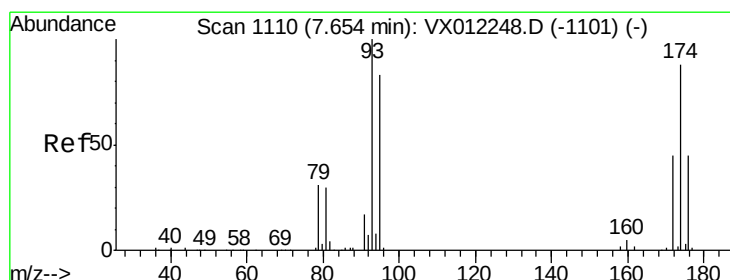
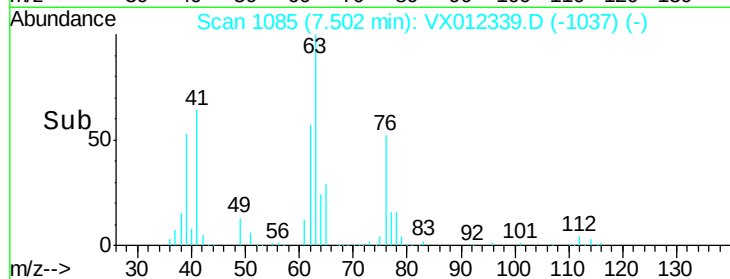
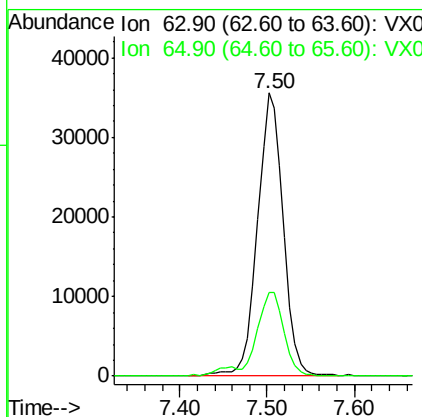
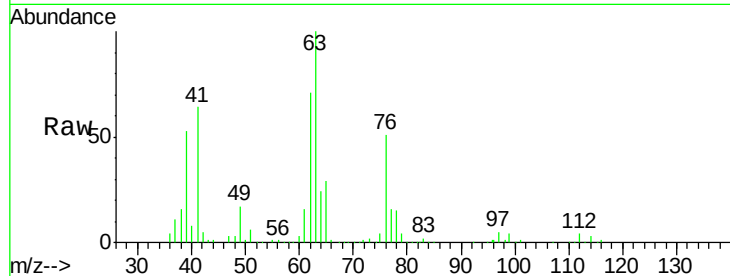
#45
 1,2-Dichloropropane
 Concen: 48.749 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX012339.D
 Acq: 12 Sep 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 73086
 Ion Ratio Lower Upper
 63 100
 65 29.3 24.3 36.5

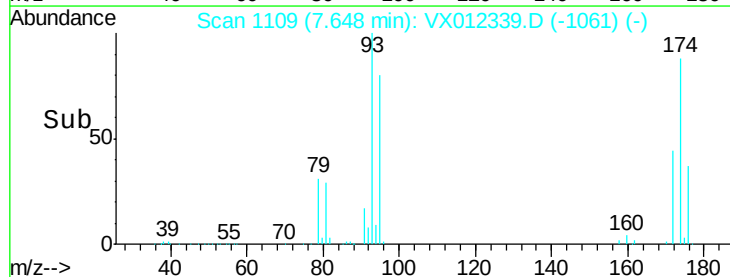
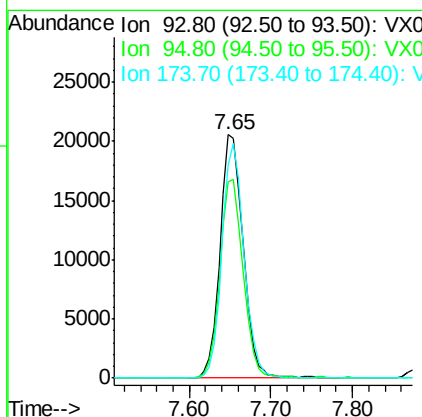
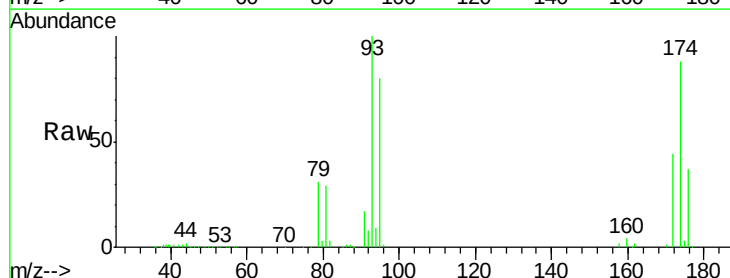
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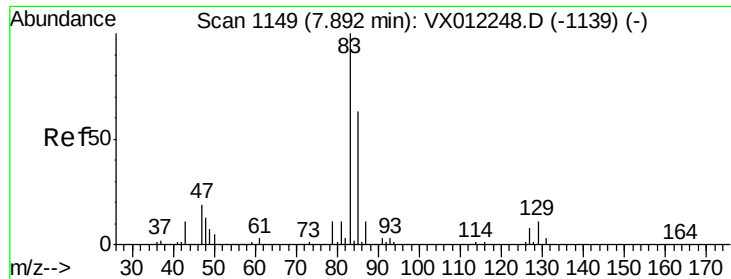
MMDadoda
 9/13/2019 10:12:12 AM



#46
 Dibromomethane
 Concen: 49.595 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX012339.D
 Acq: 12 Sep 2019 10:15

Tgt Ion: 93 Resp: 40637
 Ion Ratio Lower Upper
 93 100
 95 81.5 65.7 98.5
 174 91.3 71.0 106.4





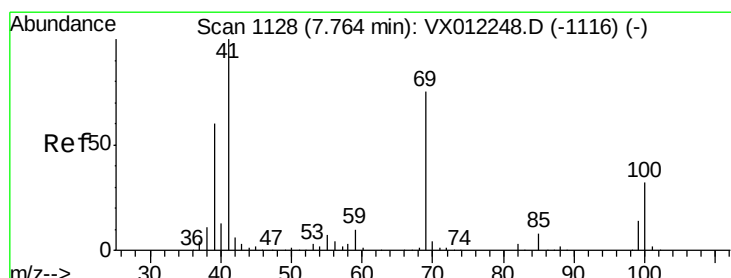
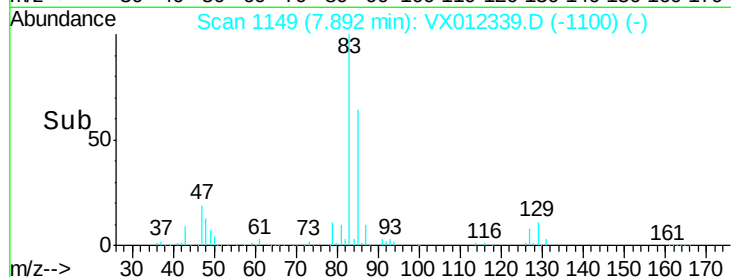
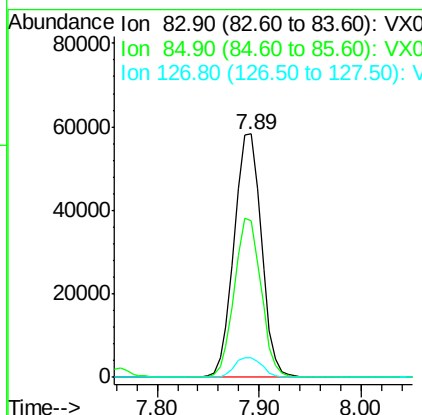
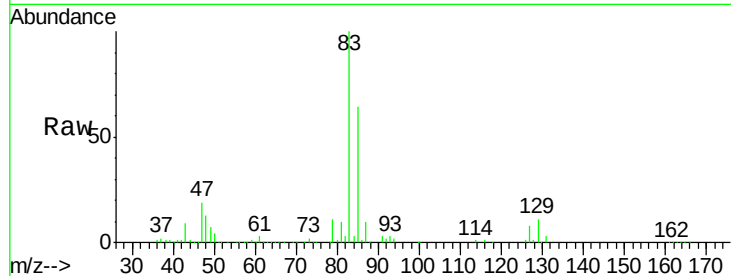
#47
Bromodichloromethane
Concen: 48.432 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.2	50.2	75.4	
127	8.3	6.3	9.5	

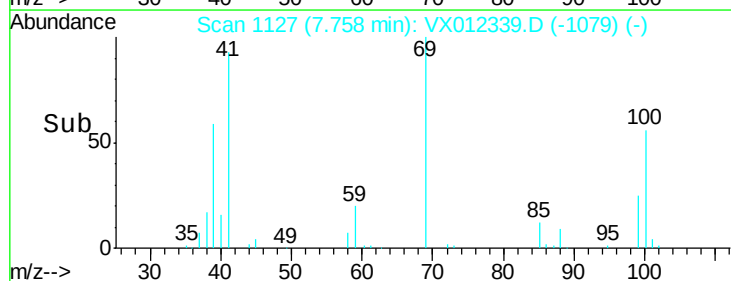
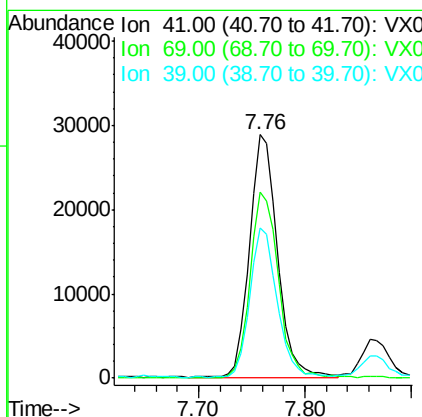
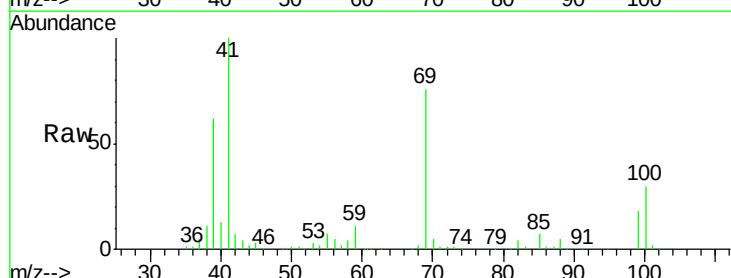
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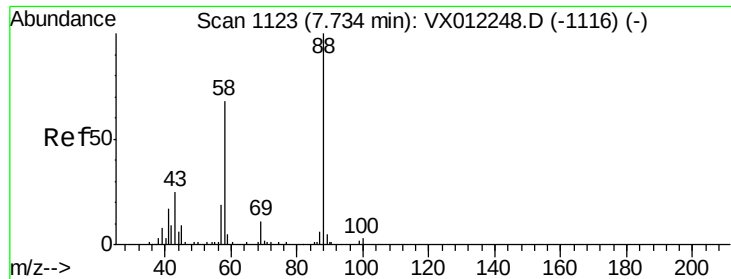
MMDadoda
9/13/2019 10:12:12 AM



#48
Methyl methacrylate
Concen: 47.575 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	78.4	61.8	92.6	
39	60.0	48.6	73.0	





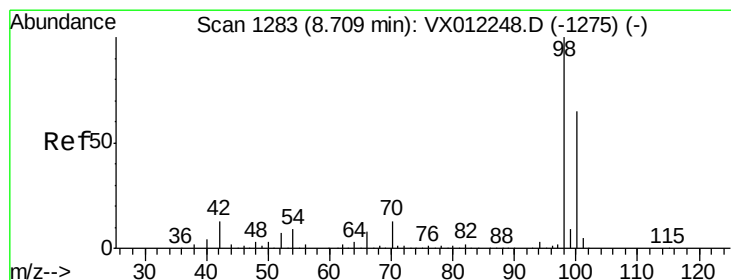
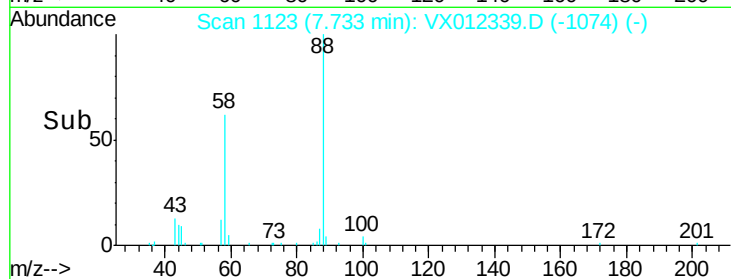
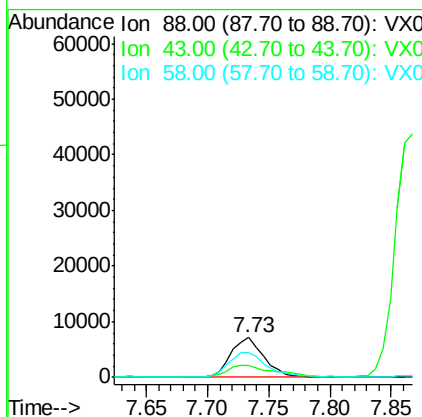
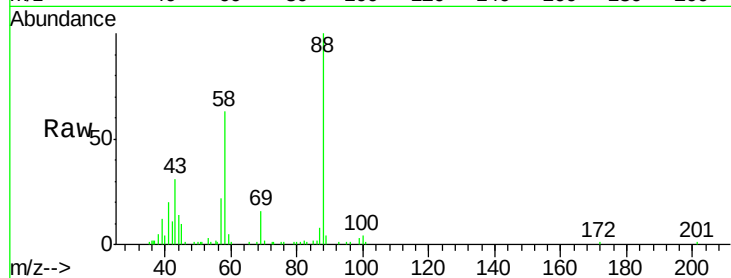
#49
1,4-Dioxane
Concen: 902.065 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	41.3	31.0	46.4	
58	73.5	61.5	92.3	

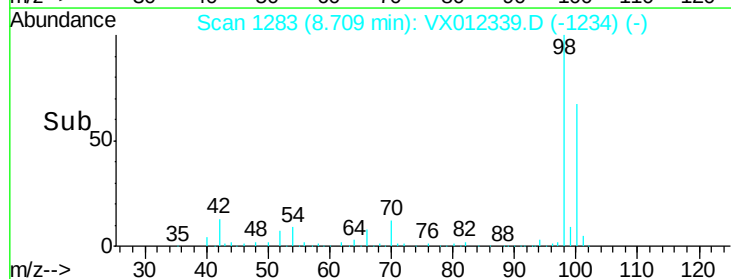
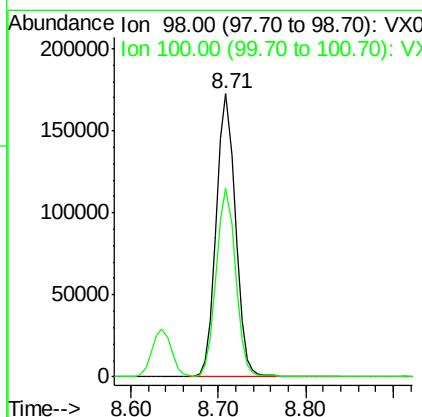
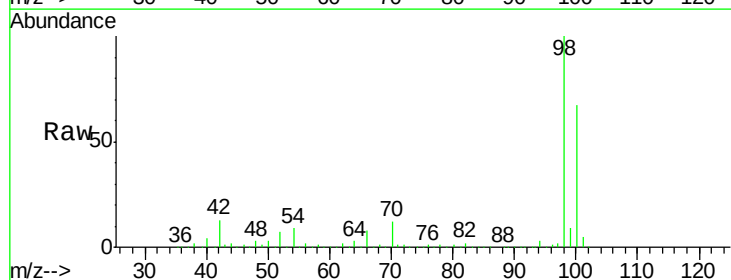
Manual Integrations
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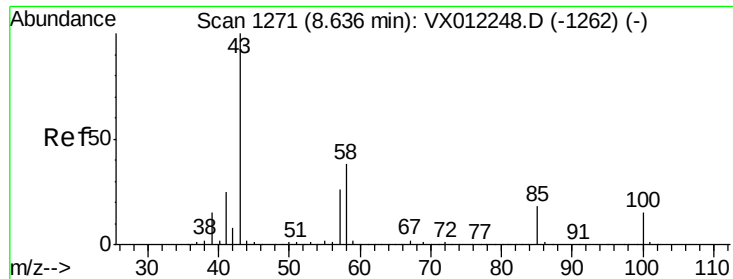
MMDadoda
9/13/2019 10:12:12 AM



#50
Toluene-d8
Concen: 47.883 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	66.8	54.1	81.1	





#51

4-Methyl-2-Pentanone

Concen: 236.593 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 291234

Ion Ratio Lower Upper

43 100

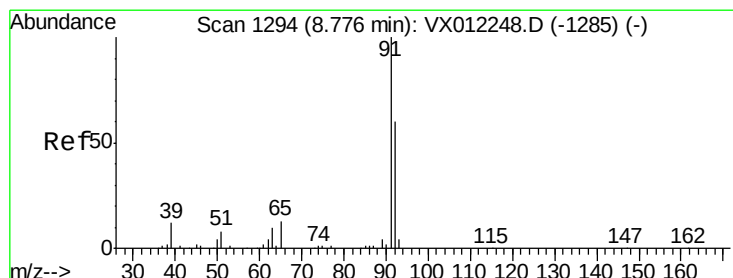
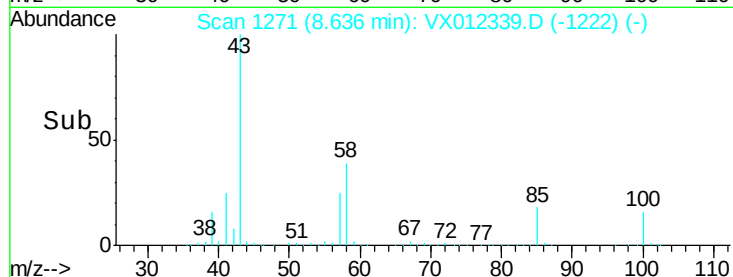
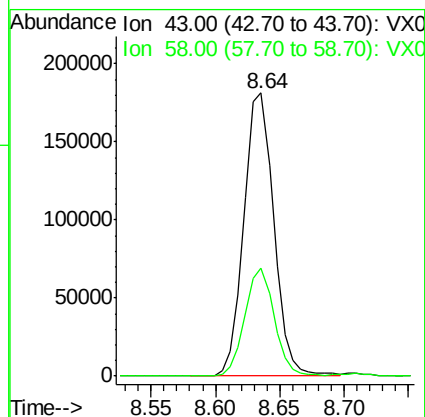
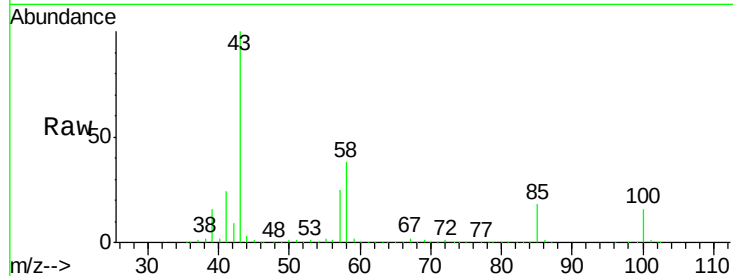
58 37.6 30.1 45.1

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MMDadoda

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#52

Toluene

Concen: 49.032 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012339.D

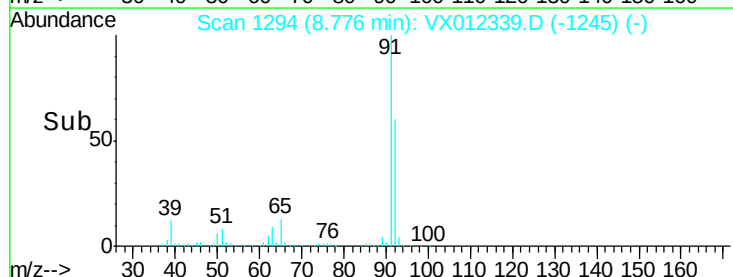
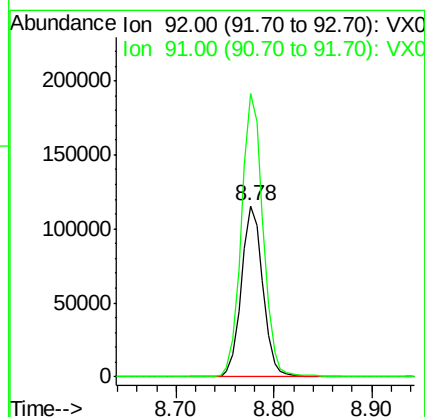
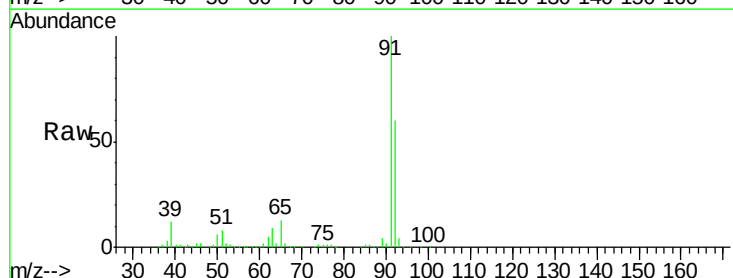
Acq: 12 Sep 2019 10:15

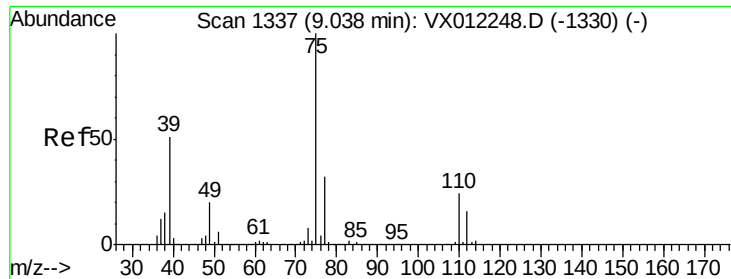
Tgt Ion: 92 Resp: 175414

Ion Ratio Lower Upper

92 100

91 167.4 133.6 200.4





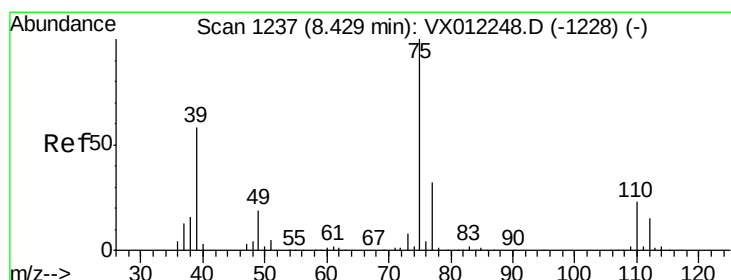
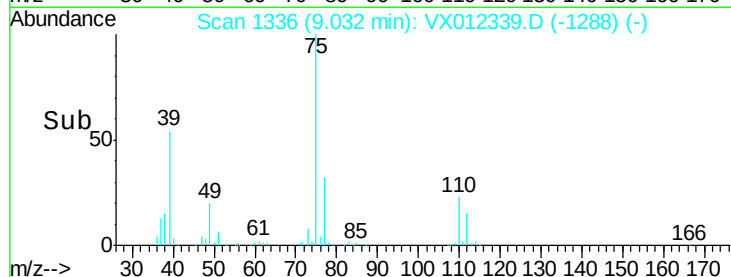
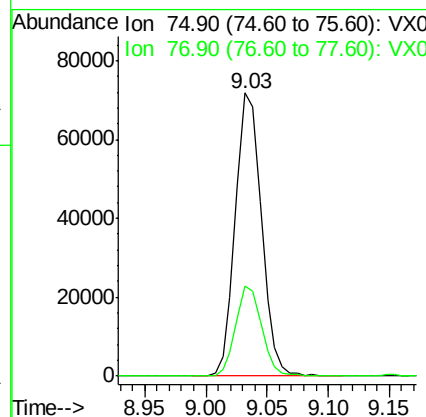
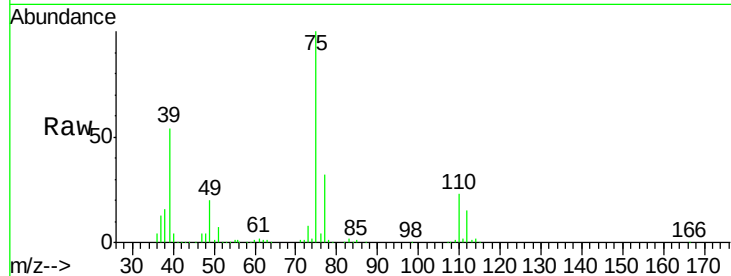
#53
 t-1,3-Dichloropropene
 Concen: 47.657 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX012339.D
 Acq: 12 Sep 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.8	38.6

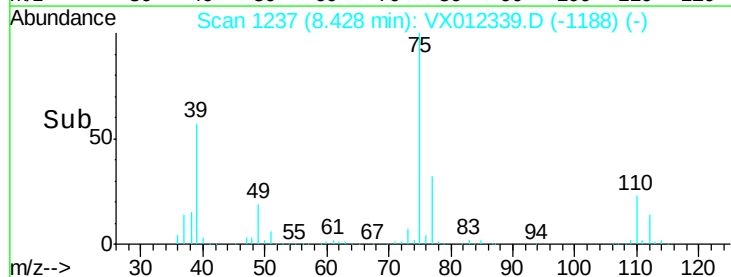
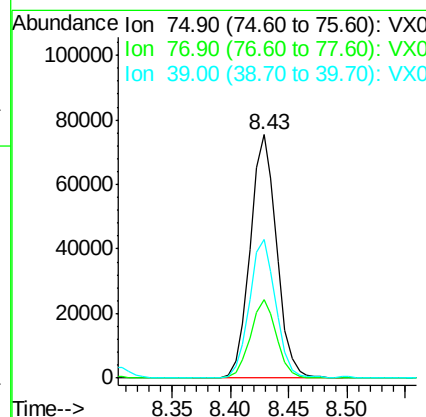
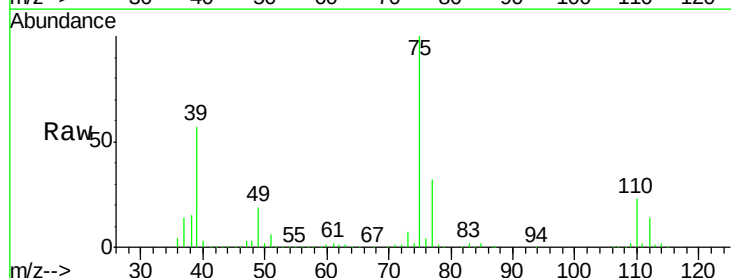
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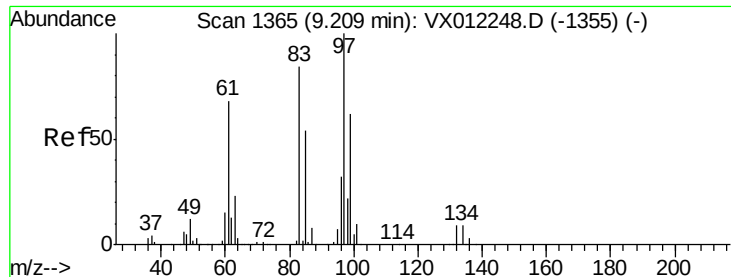
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 48.351 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012339.D
 Acq: 12 Sep 2019 10:15

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.4	38.2
39	56.4	46.5	69.7





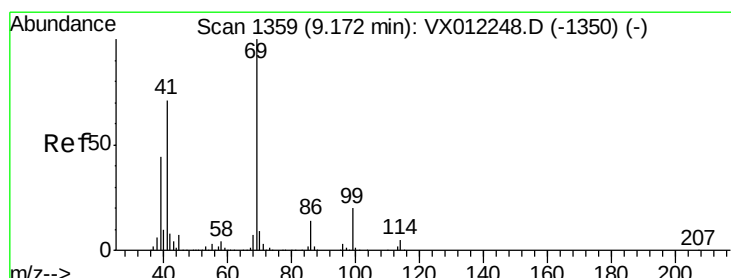
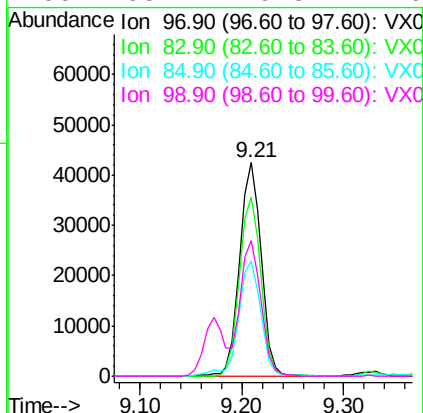
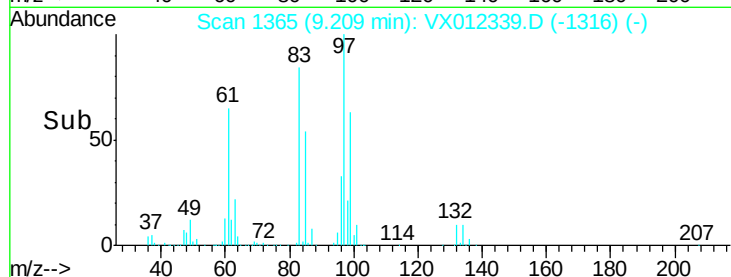
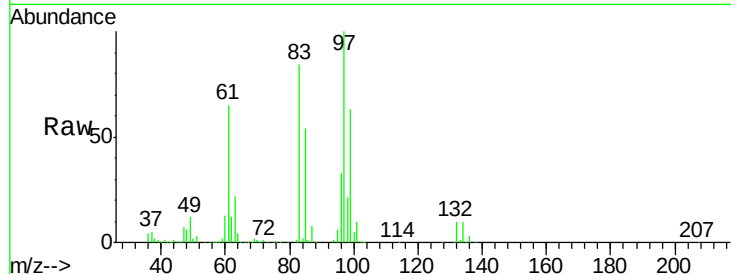
#55
 1,1,2-Trichloroethane
 Concen: 48.762 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012339.D
 Acq: 12 Sep 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	61900
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.4	101.2
85	53.9	43.4	65.2
99	63.4	49.8	74.6

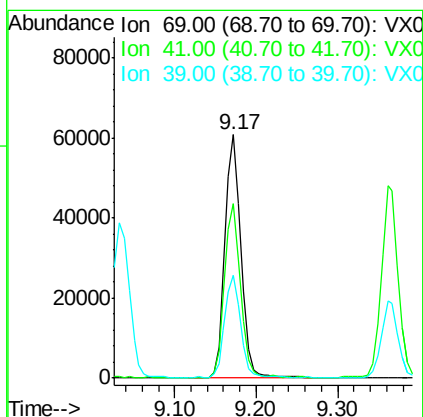
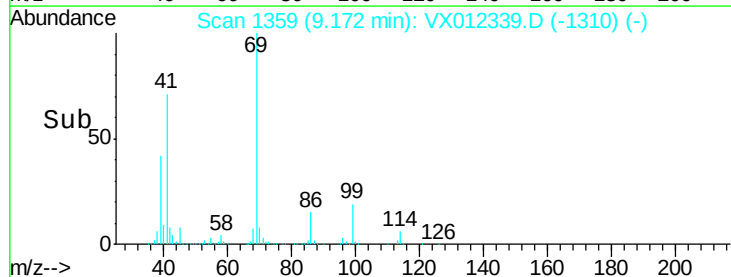
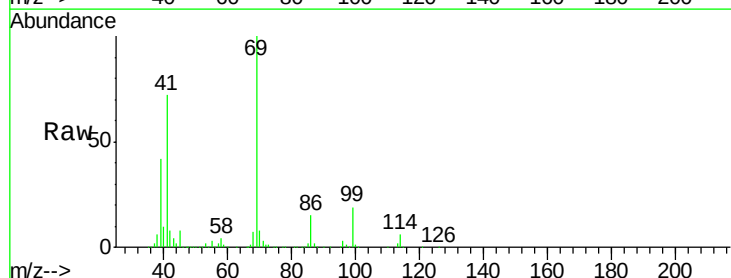
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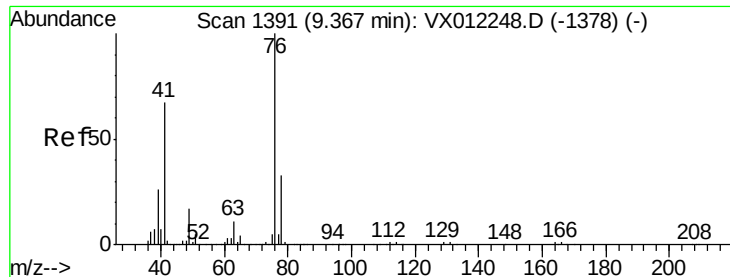
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 9/13/2019 10:12:12 AM



#56
 Ethyl methacrylate
 Concen: 48.341 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012339.D
 Acq: 12 Sep 2019 10:15

Tgt Ion:	69	Resp:	83087
Ion	Ratio	Lower	Upper
69	100		
41	71.3	57.7	86.5
39	41.5	34.0	51.0





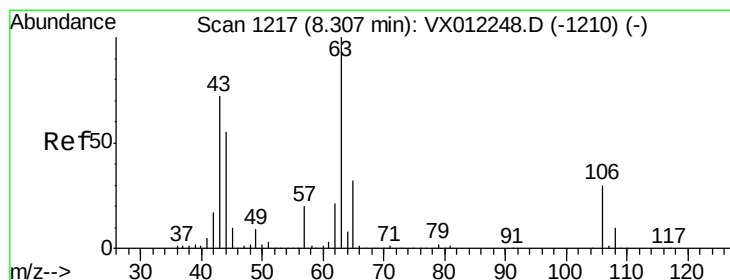
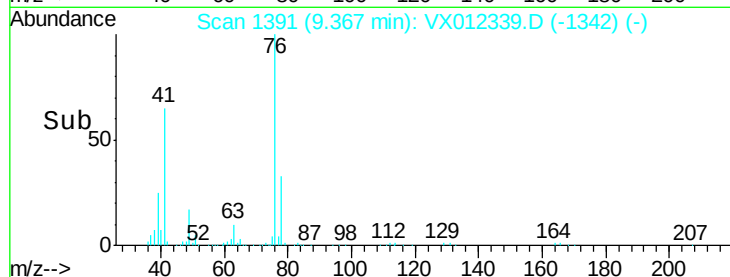
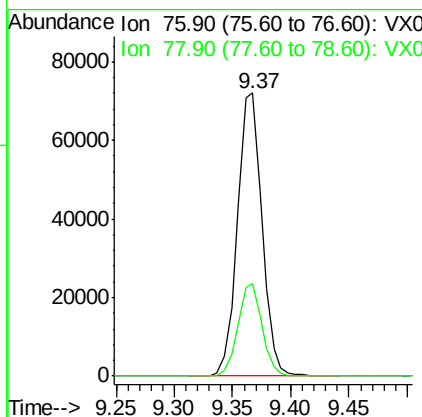
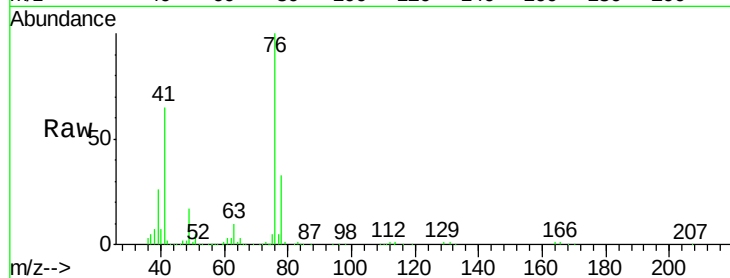
#57
 1,3-Dichloropropane
 Concen: 49.097 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012339.D
 Acq: 12 Sep 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.0	39.0

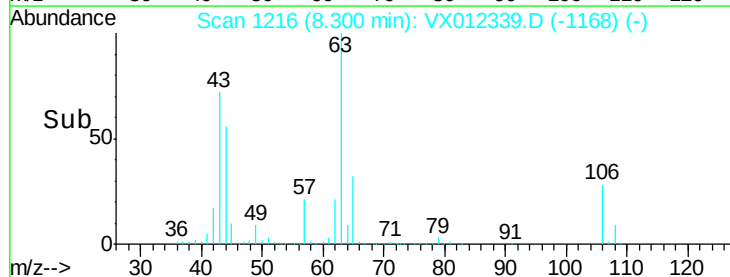
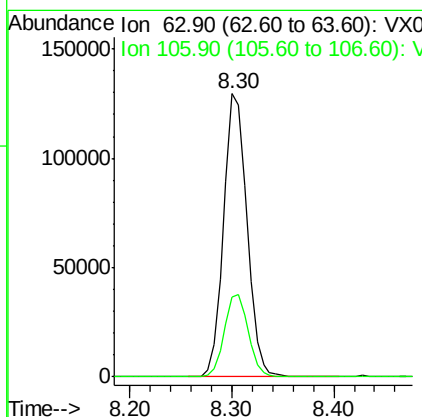
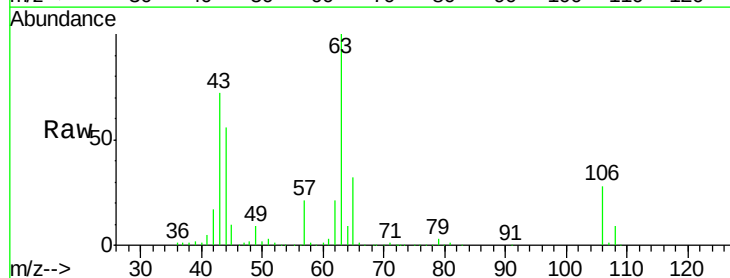
Manual Integrations
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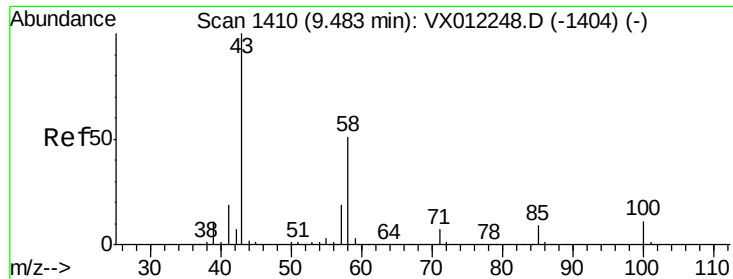
MMDadoda
 9/13/2019 10:12:12 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 233.996 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX012339.D
 Acq: 12 Sep 2019 10:15

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.4	35.2





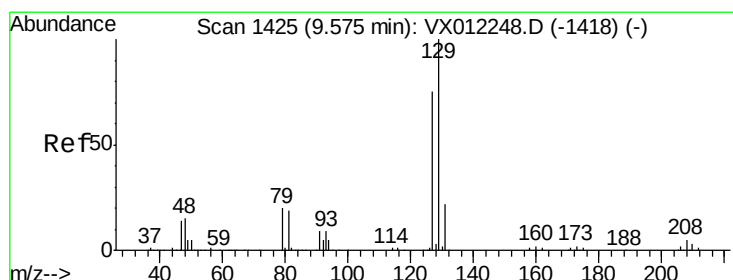
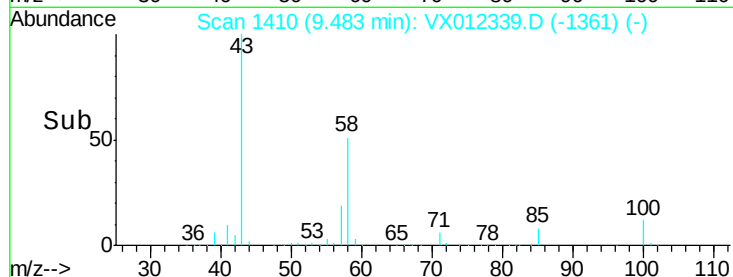
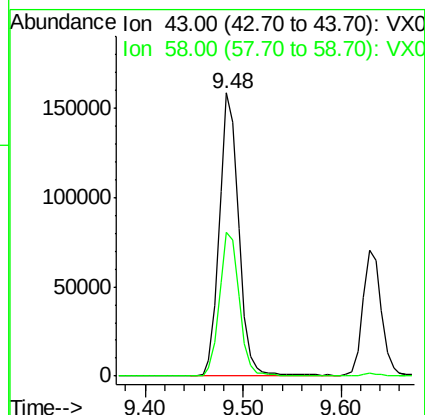
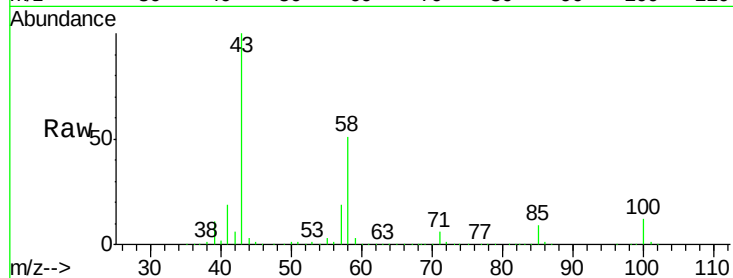
#59
2-Hexanone
Concen: 255.128 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.1	25.8	77.3

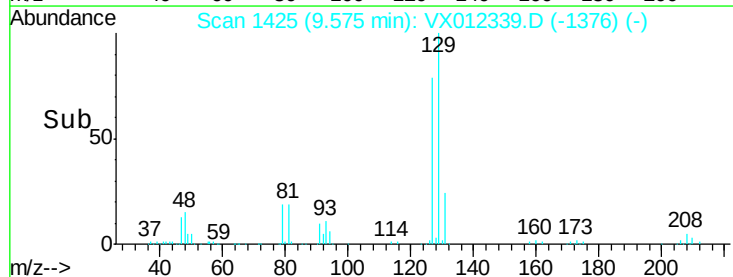
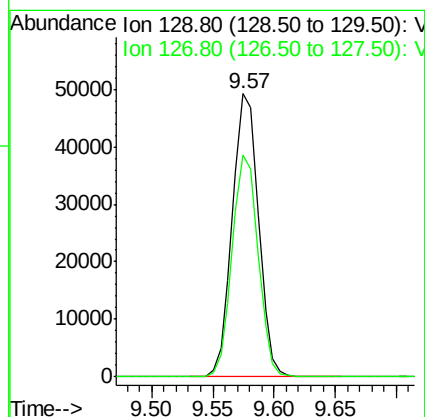
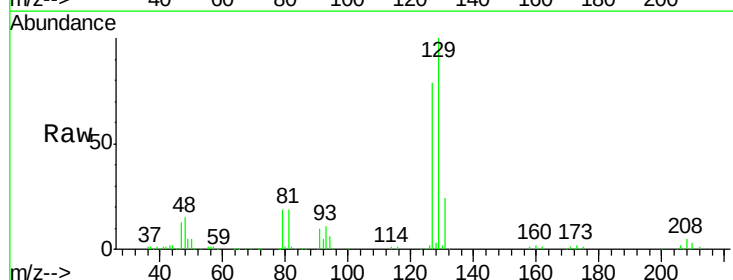
Manual Integrations
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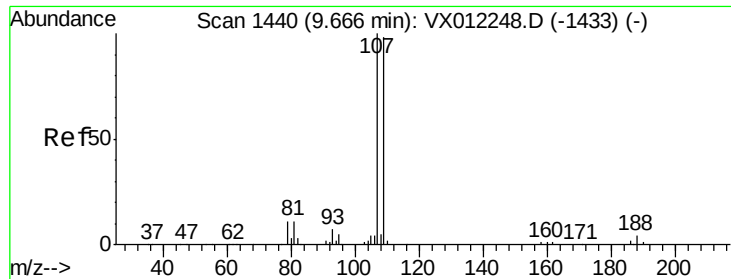
MMDadoda
9/13/2019 10:12:12 AM



#60
Dibromochloromethane
Concen: 49.090 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.1	114.3





#61

1,2-Dibromoethane

Concen: 49.048 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 57958

Ion Ratio Lower Upper

107 100

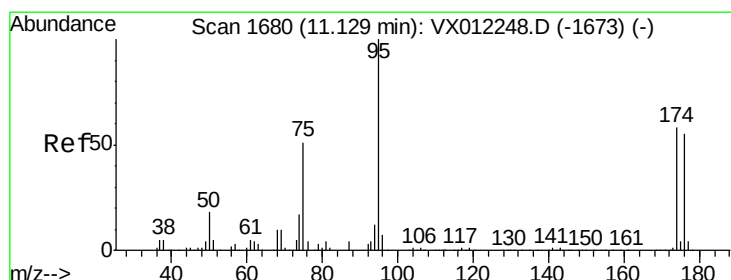
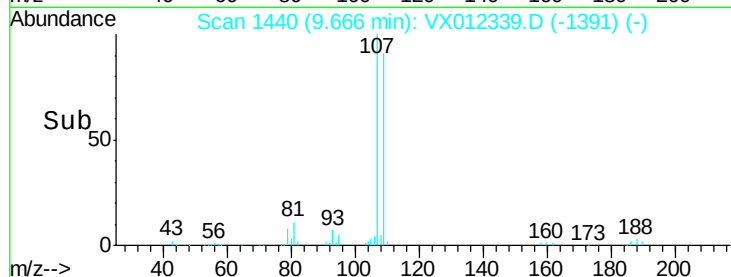
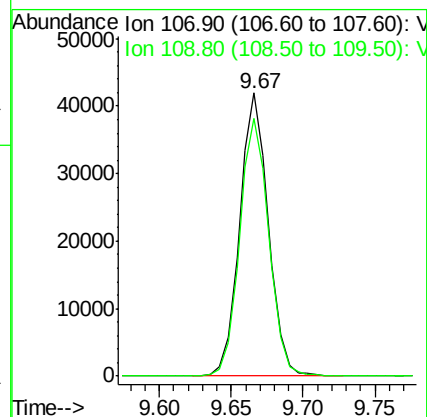
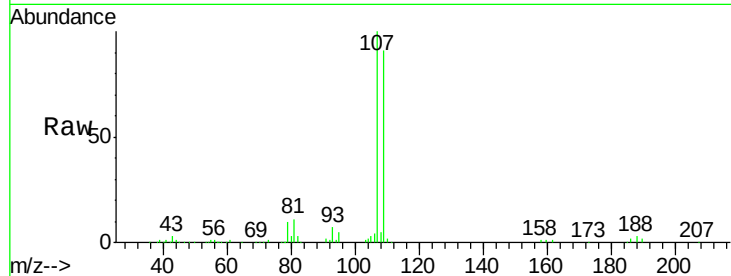
109 92.7 76.3 114.5

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#62

4-Bromofluorobenzene

Concen: 43.349 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

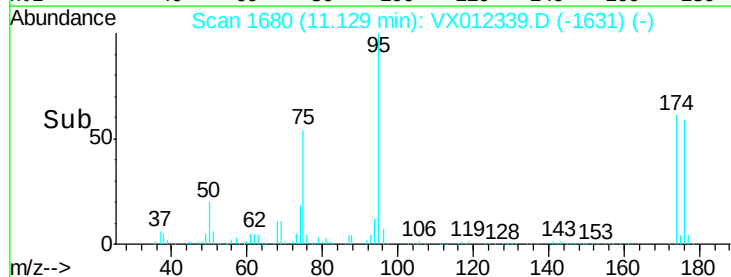
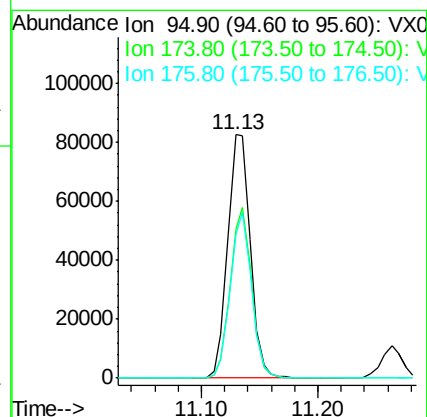
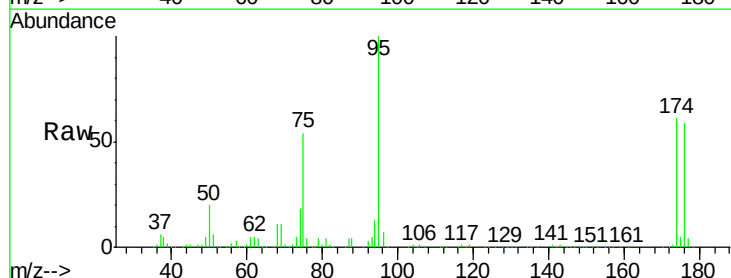
Tgt Ion: 95 Resp: 110897

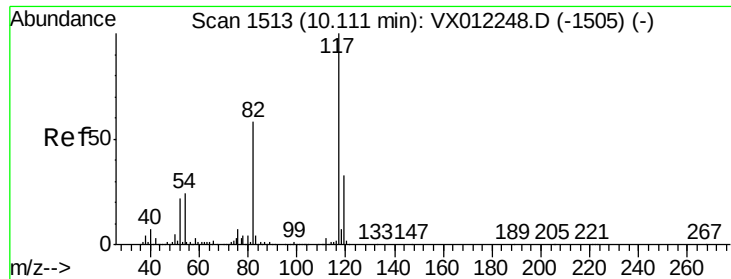
Ion Ratio Lower Upper

95 100

174 66.5 0.0 127.0

176 64.2 0.0 125.8





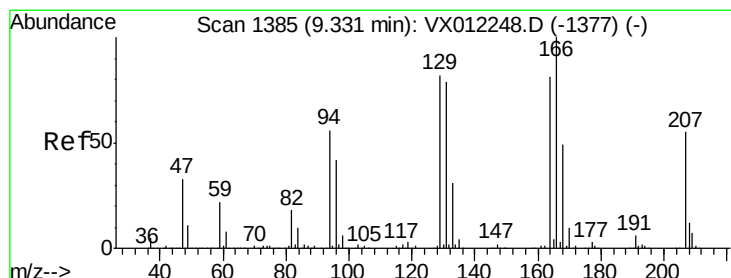
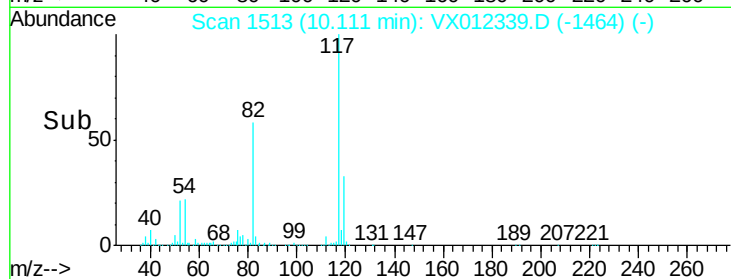
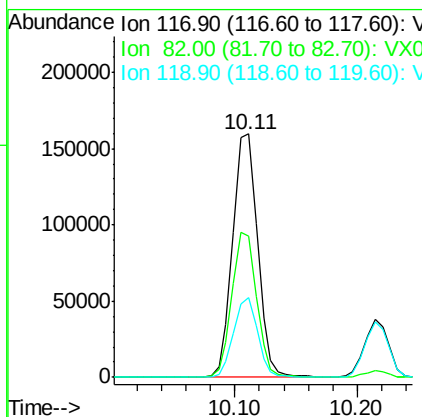
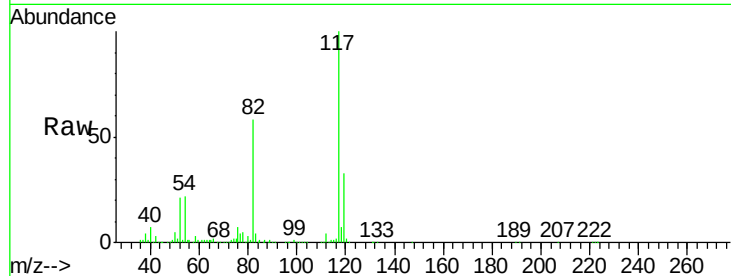
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	225473		
82	58.1	46.4	69.6	
119	32.6	26.6	39.8	

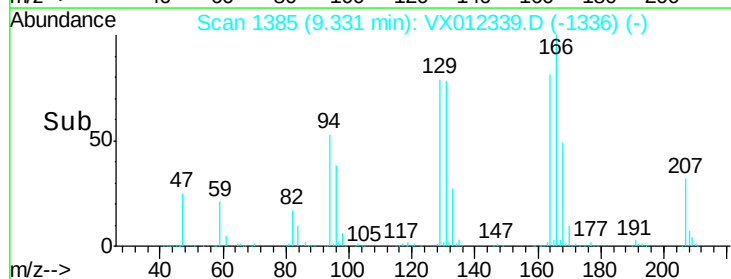
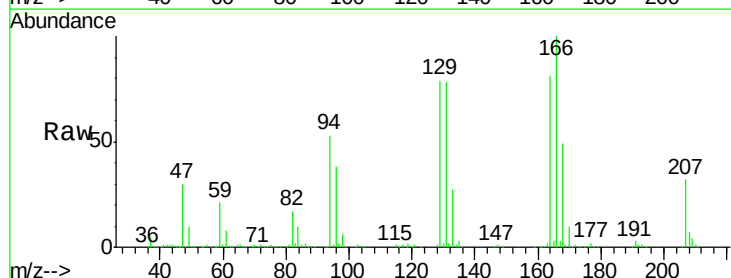
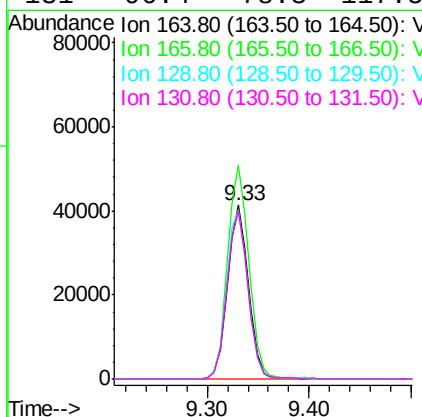
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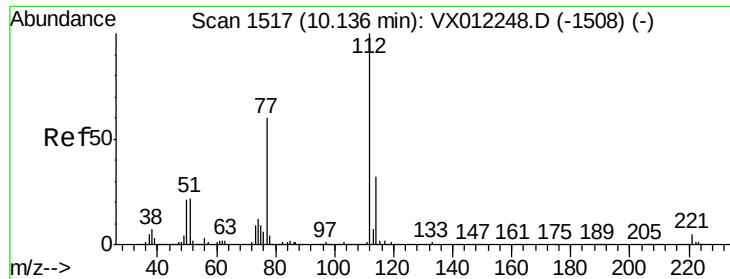
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#64
Tetrachloroethene
Concen: 48.710 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	58084		
166	123.1	99.4	149.0	
129	97.5	81.8	122.8	
131	96.4	78.3	117.5	





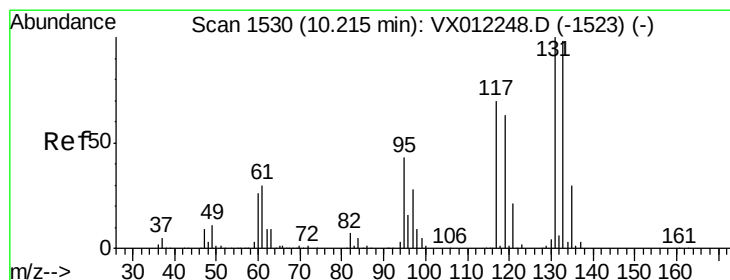
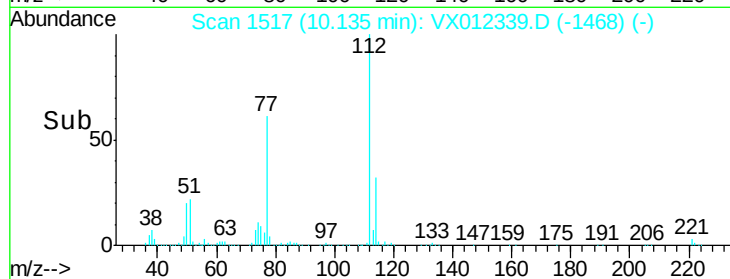
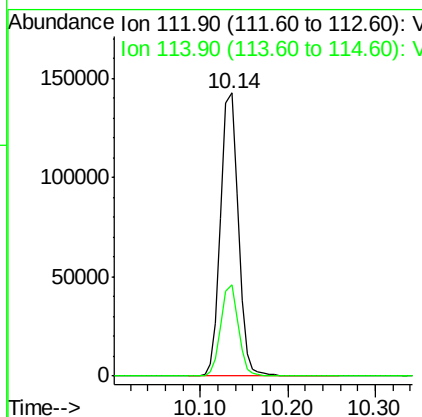
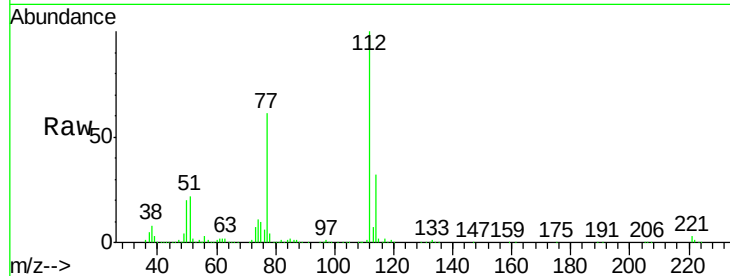
#65
Chlorobenzene
Concen: 48.417 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.4	38.0

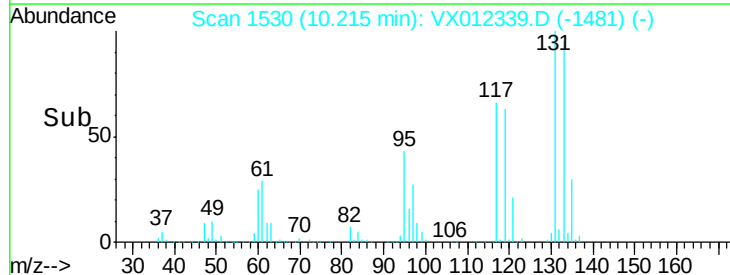
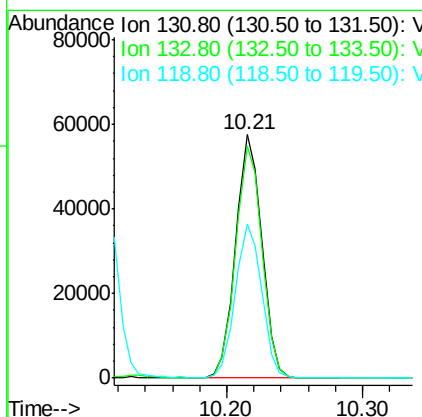
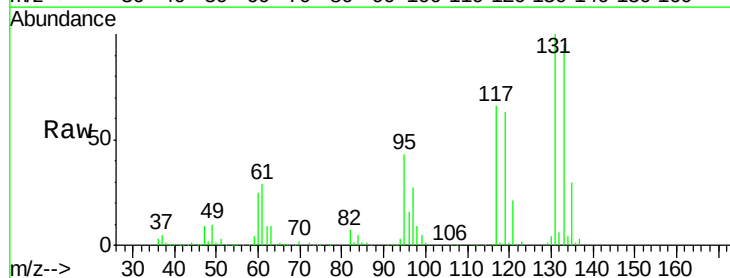
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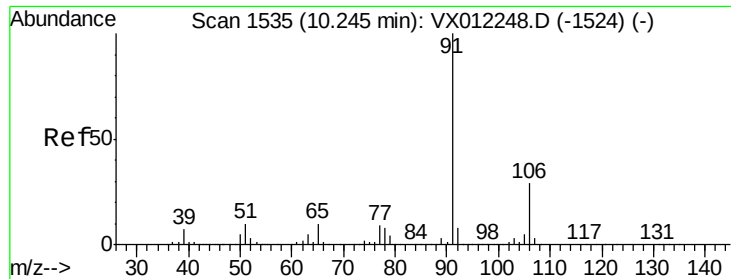
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.731 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.0	48.0	144.2
119	63.6	31.6	95.0





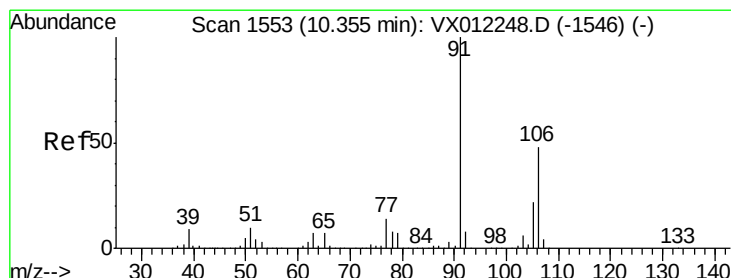
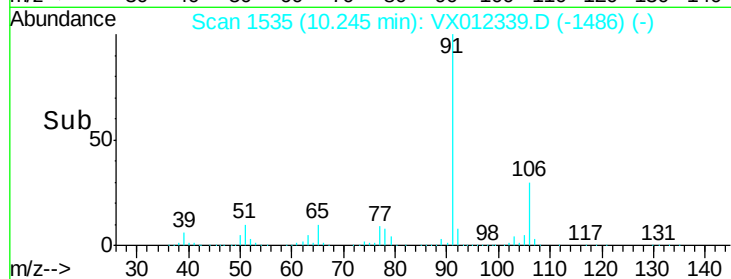
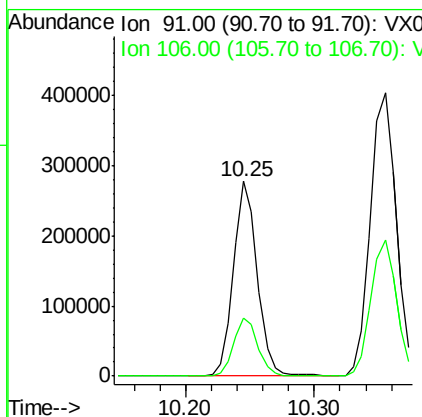
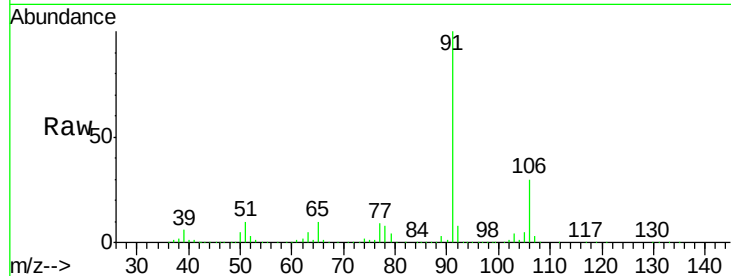
#67
Ethyl Benzene
Concen: 49.133 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 360018
Ion Ratio Lower Upper
91 100
106 30.1 23.1 34.7

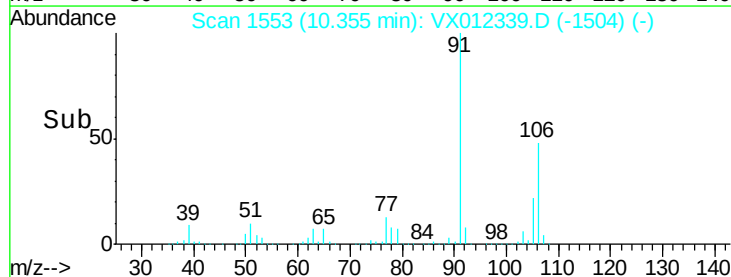
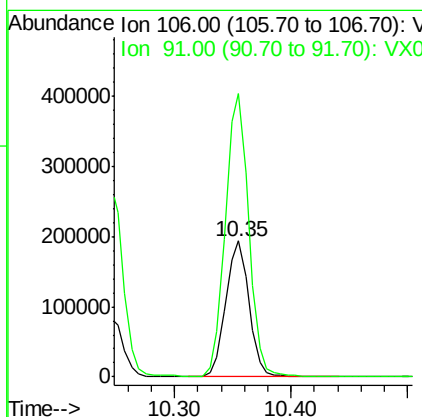
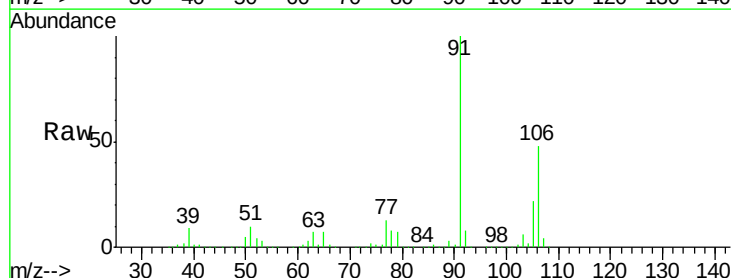
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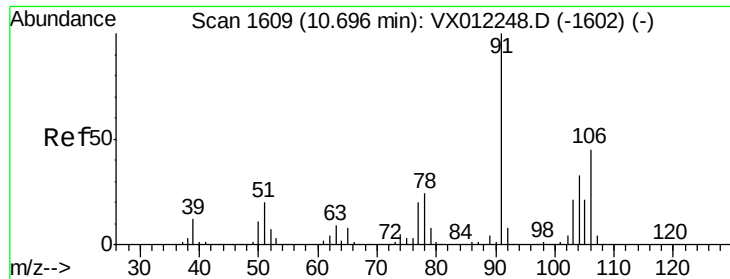
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#68
m/p-Xylenes
Concen: 99.566 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Tgt Ion: 106 Resp: 268558
Ion Ratio Lower Upper
106 100
91 208.9 167.0 250.6





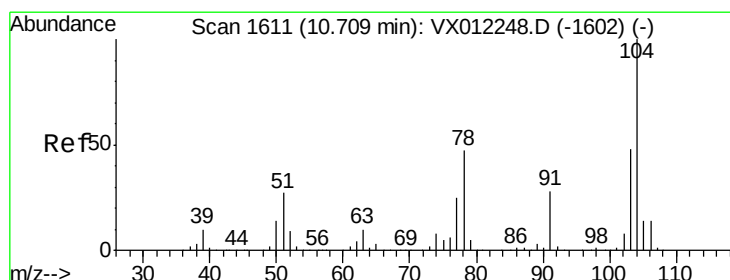
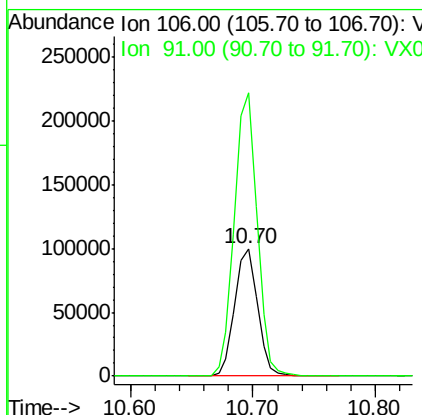
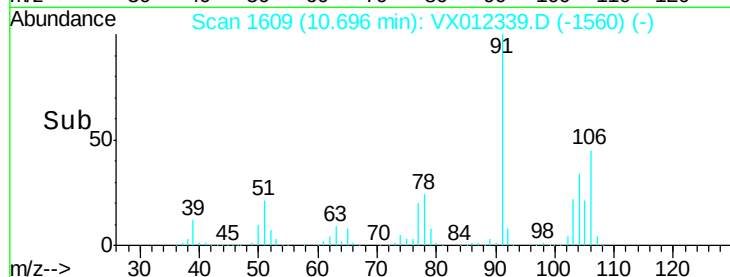
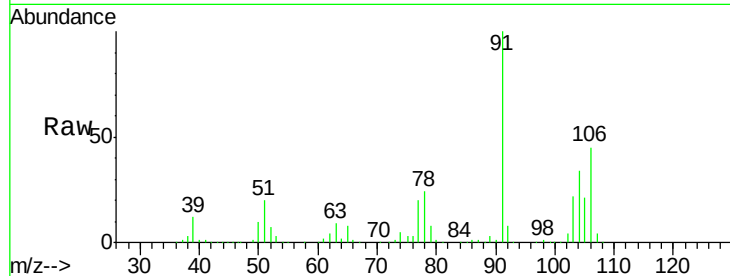
#69
o-Xylene
Concen: 48.865 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	129116		
91	221.8	110.5	331.4	

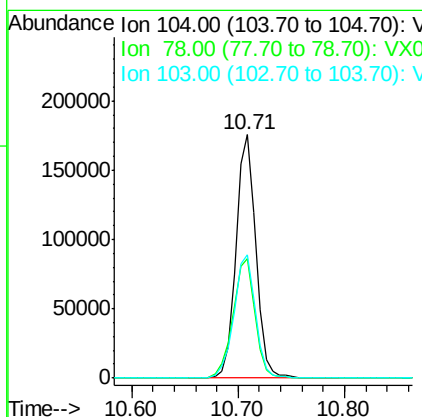
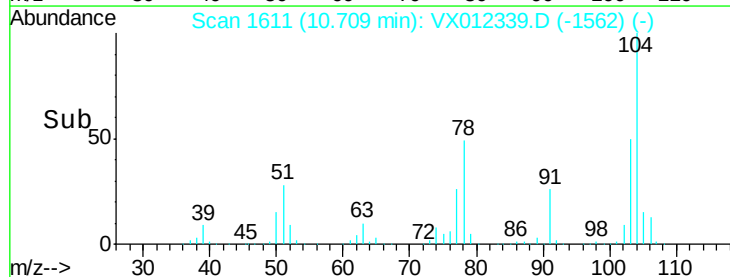
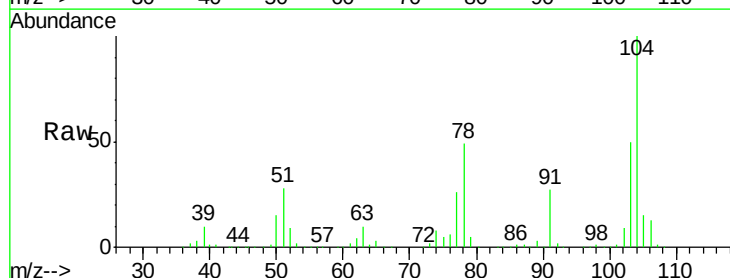
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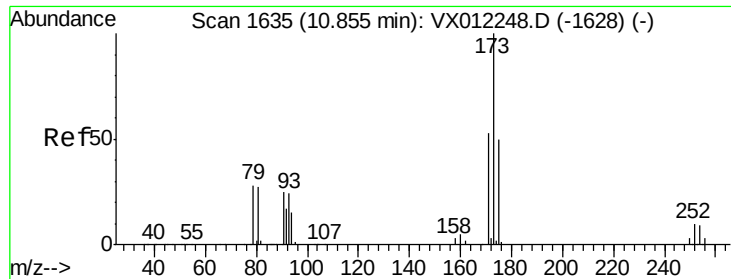
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9/13/2019 10:12:12 AM



#70
Styrene
Concen: 49.027 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	229746		
78	54.9	44.2	66.2	
103	54.9	42.5	63.7	





#71

Bromoform

Concen: 47.639 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Instrument :

MSVOA_X

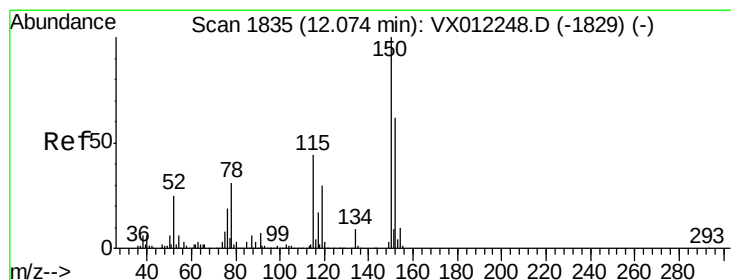
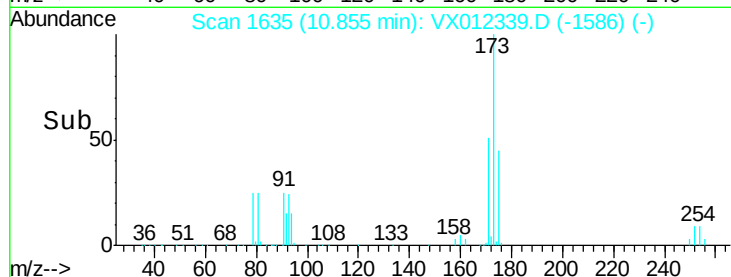
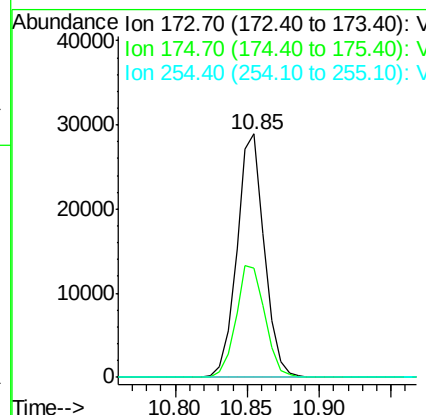
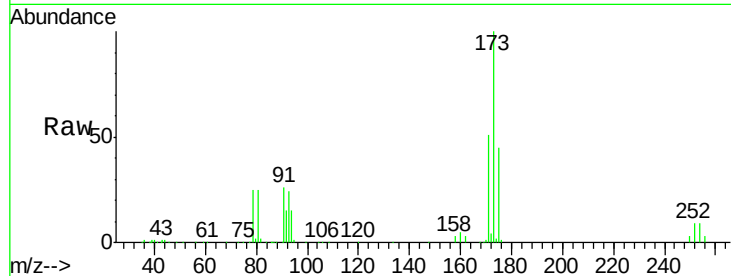
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.5	73.5
254	0.0	0.2	0.4

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

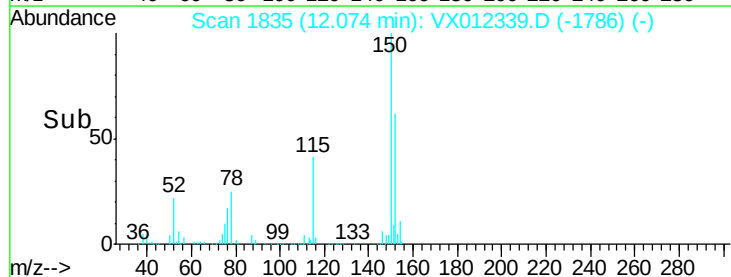
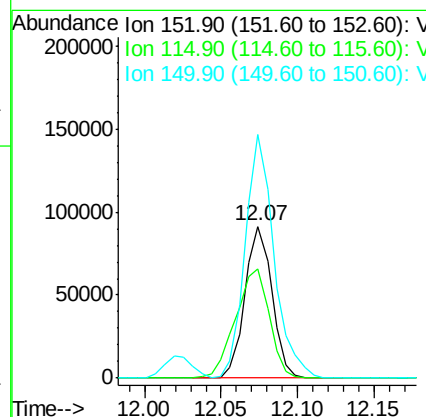
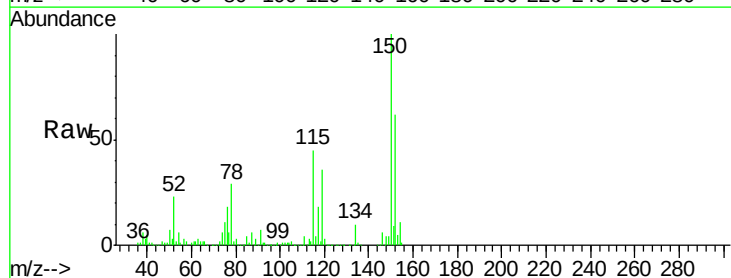
RT: 12.07 min Scan# 1835

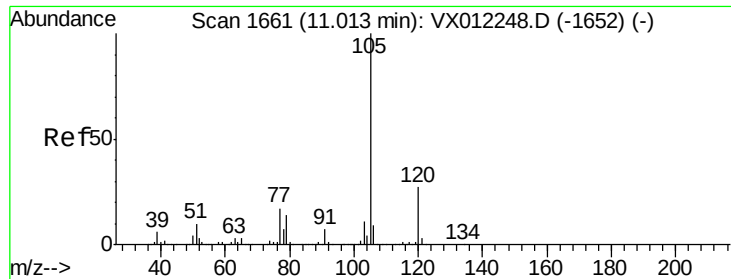
Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	89.9	45.5	136.4
150	170.9	0.0	346.4





#73

Isopropylbenzene

Concen: 48.780 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 359959

Ion Ratio Lower Upper

105 100

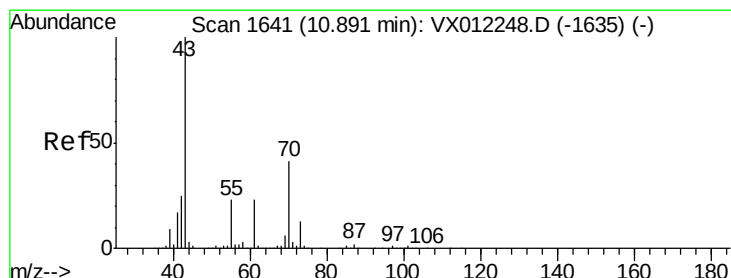
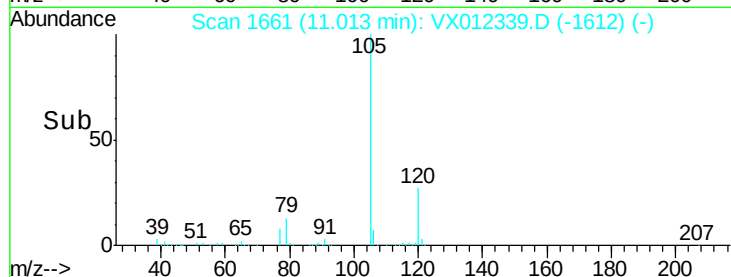
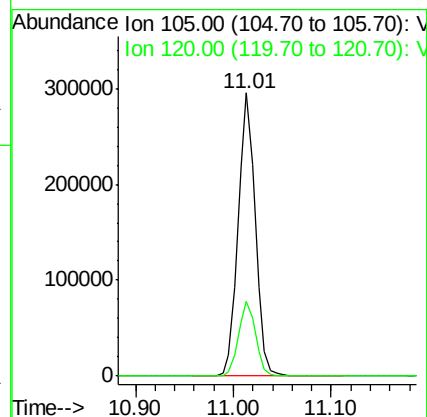
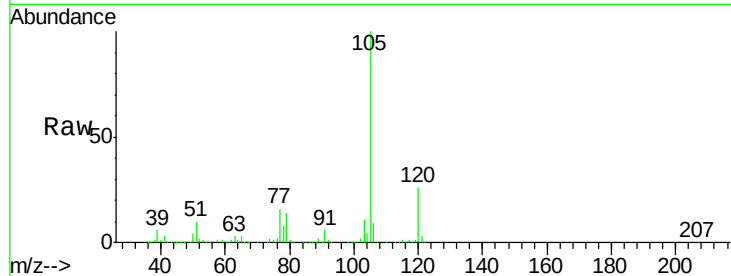
120 26.3 13.2 39.5

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#74

N-ethyl acetate

Concen: 46.013 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Tgt Ion: 43 Resp: 100958

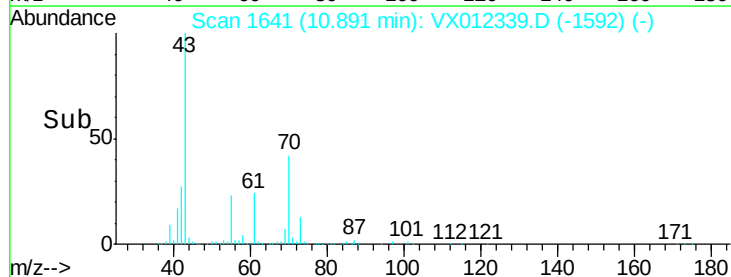
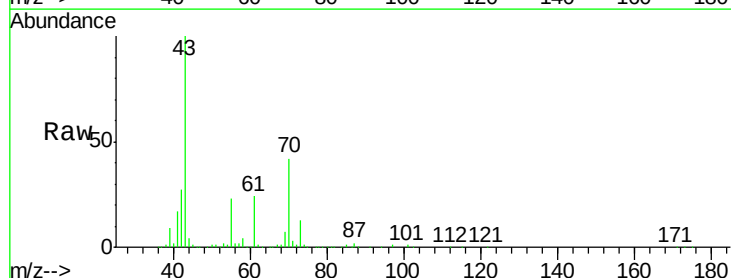
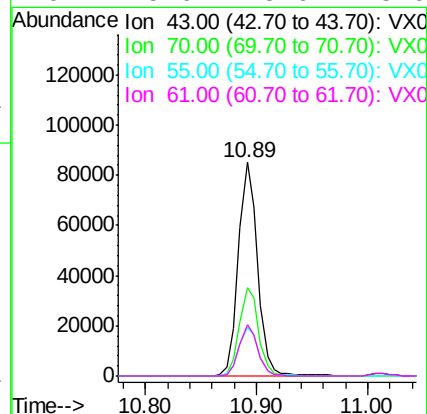
Ion Ratio Lower Upper

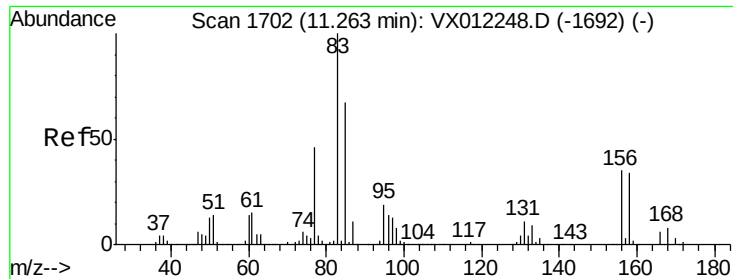
43 100

70 41.7 32.9 49.3

55 23.9 19.1 28.7

61 23.6 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.502 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Instrument :

MSVOA_X

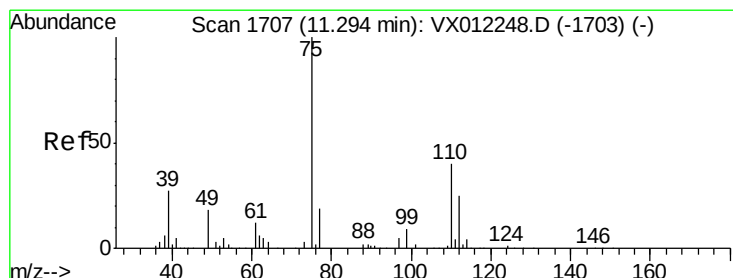
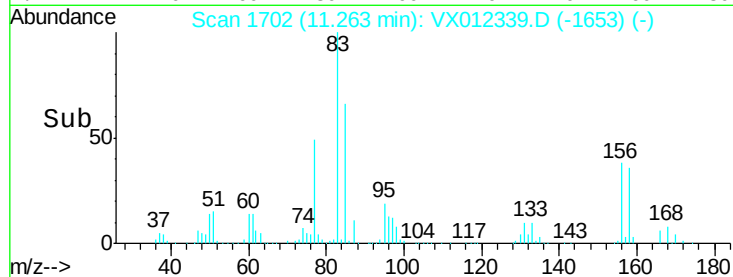
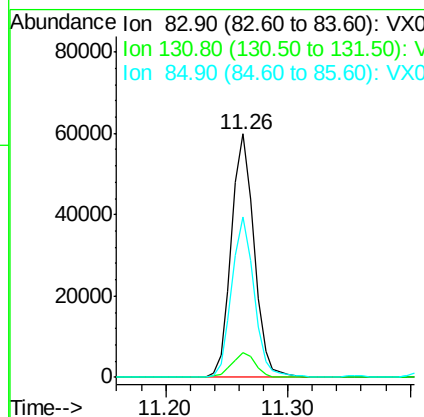
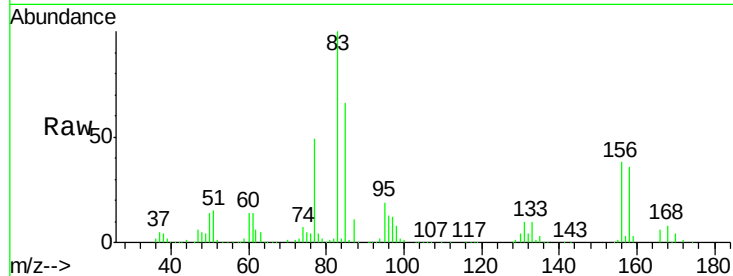
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	76867
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.5	16.4
85	65.2	32.8	98.4

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#76

1,2,3-Trichloropropane

Concen: 46.690 ug/l m

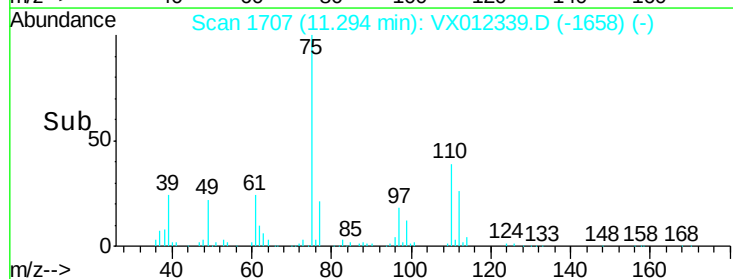
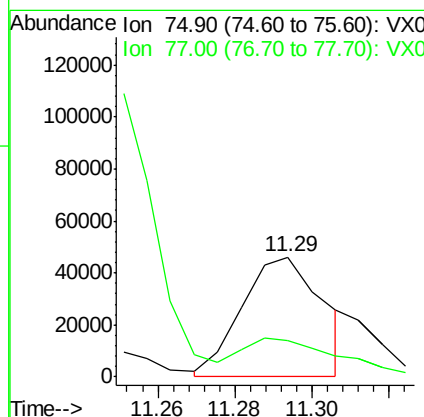
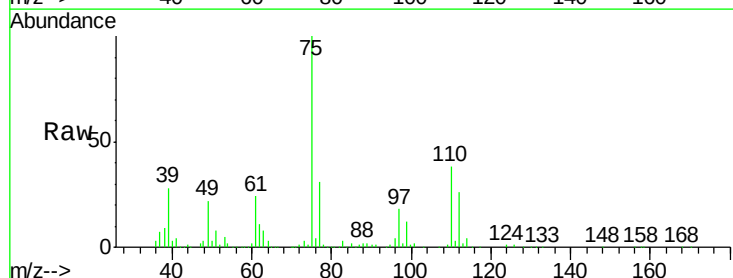
RT: 11.29 min Scan# 1707

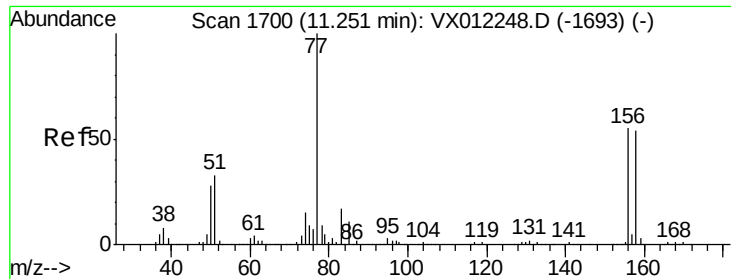
Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Tgt Ion:	75	Resp:	67233
Ion	Ratio	Lower	Upper
75	100		
77	38.8	19.7	59.0





#77

Bromobenzene

Concen: 50.317 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Instrument :

MSVOA_X

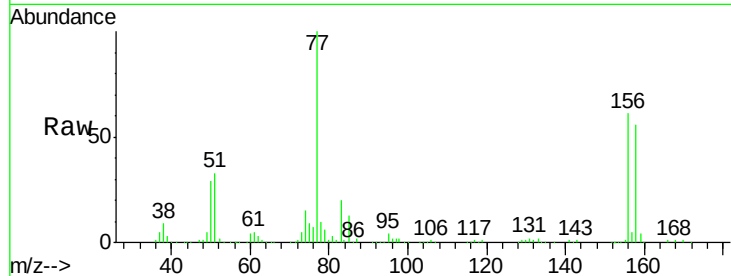
ClientSampleId :

VSTDCCC050

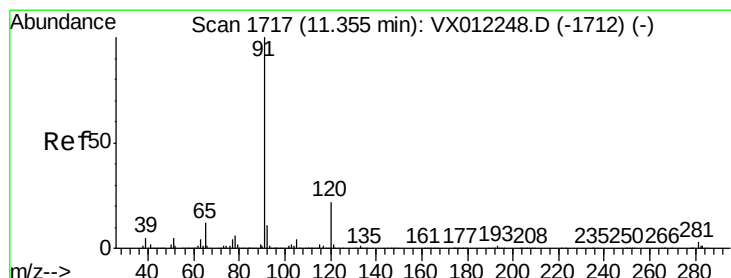
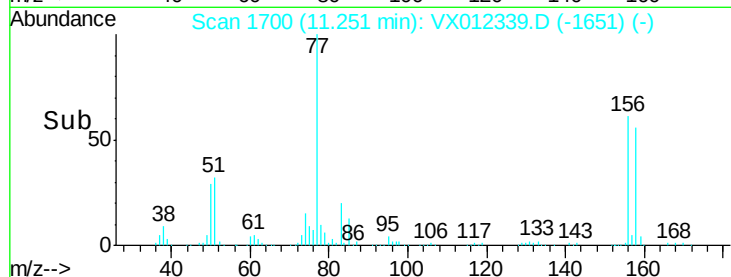
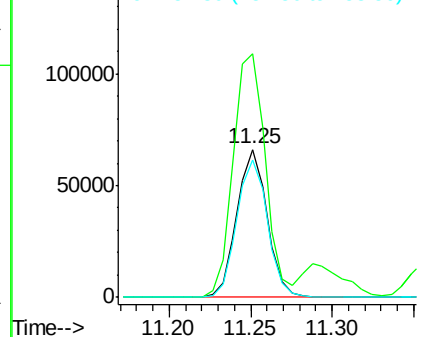
Tot Ion:	156	Resp:	85487
Ion	Ratio	Lower	Upper
156	100		
77	175.6	92.2	276.6
158	94.7	48.8	146.3

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.457 ug/l

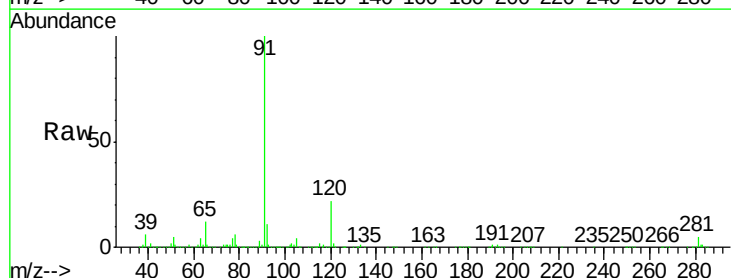
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

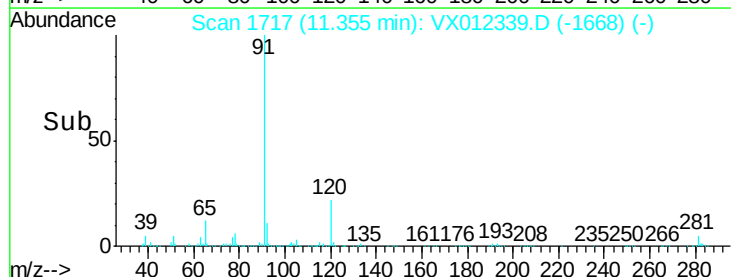
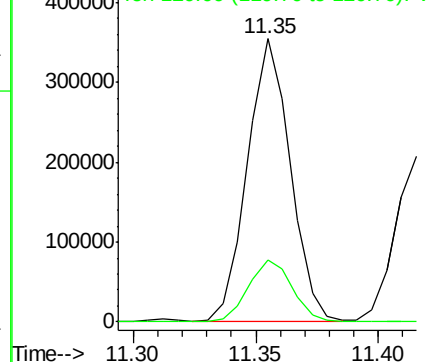
Lab File: VX012339.D

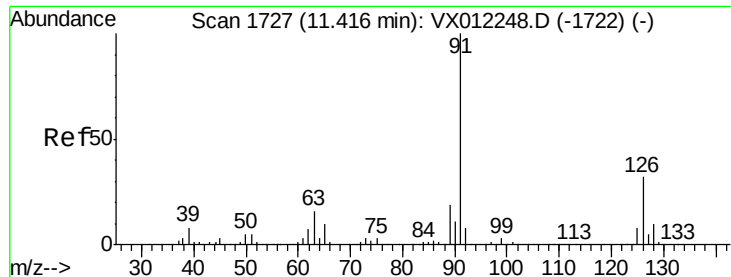
Acq: 12 Sep 2019 10:15

Tgt Ion:	91	Resp:	431809
Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.2	33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





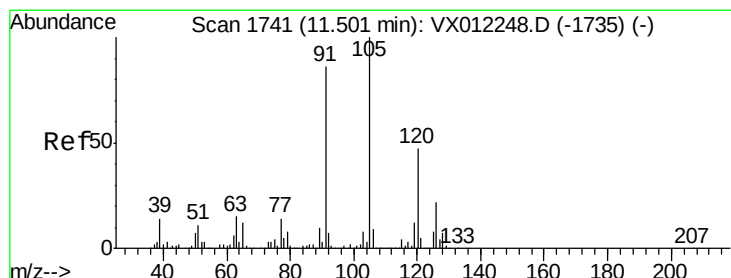
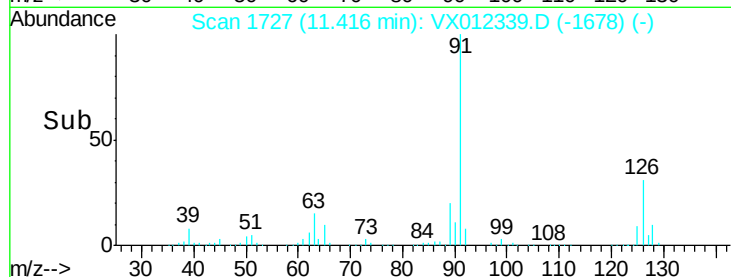
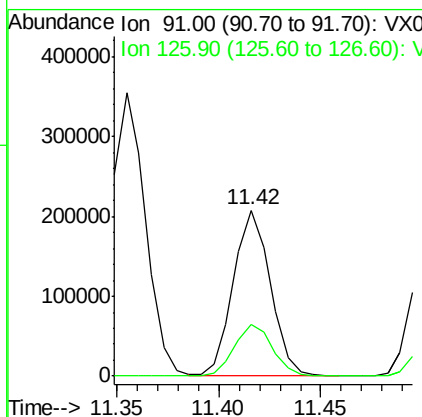
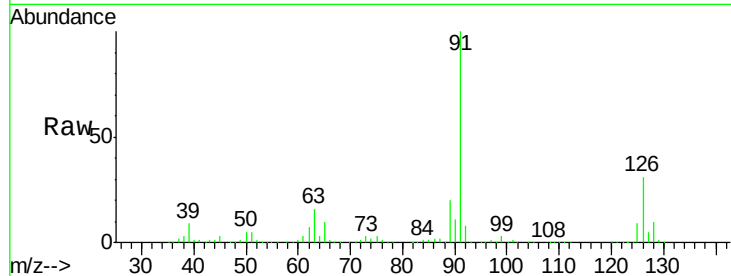
#79
 2-Chlorotoluene
 Concen: 47.377 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012339.D
 Acq: 12 Sep 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 261568
 Ion Ratio Lower Upper
 91 100
 126 32.0 15.9 47.7

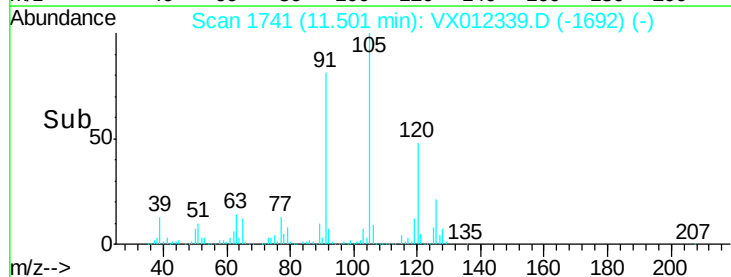
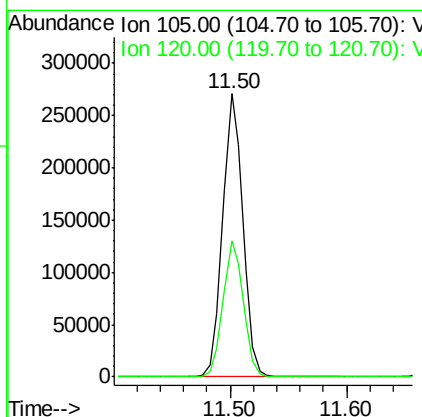
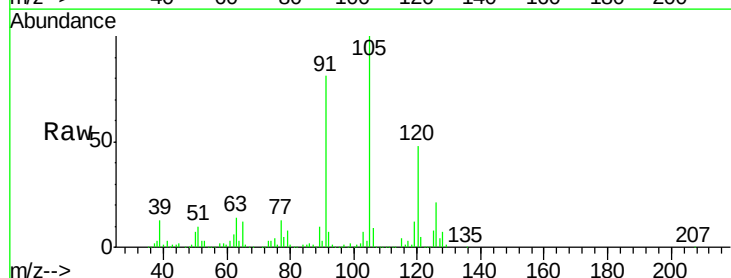
Manual Integrations
 APPROVED

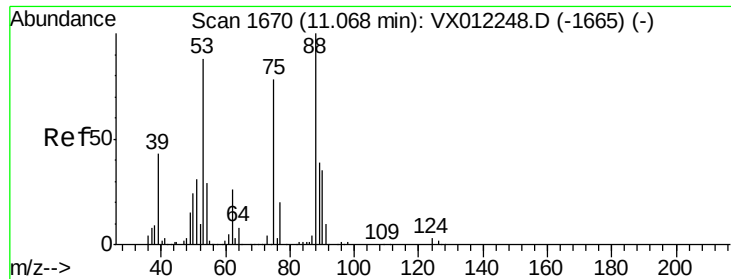
MMDadoda
 9/13/2019 10:12:12 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 48.596 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012339.D
 Acq: 12 Sep 2019 10:15

Tgt Ion: 105 Resp: 322488
 Ion Ratio Lower Upper
 105 100
 120 48.4 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 45.059 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Instrument :

MSVOA_X

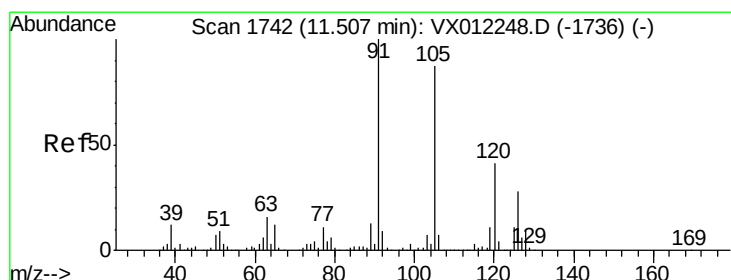
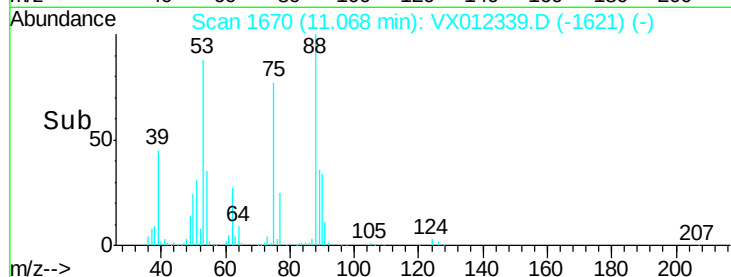
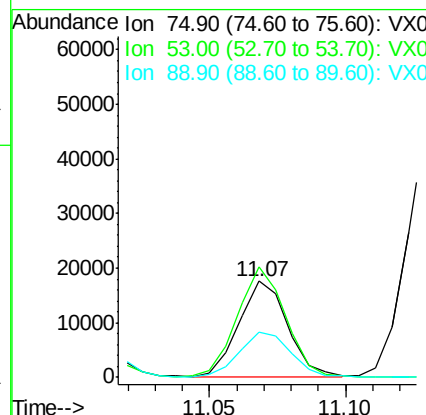
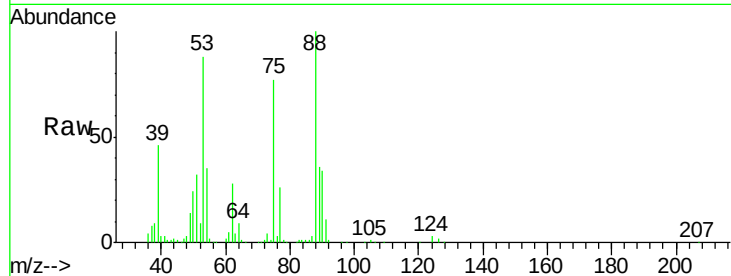
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	21655
Ion Ratio	Lower	Upper	
75	100		
53	114.5	88.1	132.1
89	50.2	43.5	65.3

Manual Integrations
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9/13/2019 10:12:12 AM



#82

4-Chlorotoluene

Concen: 48.348 ug/l

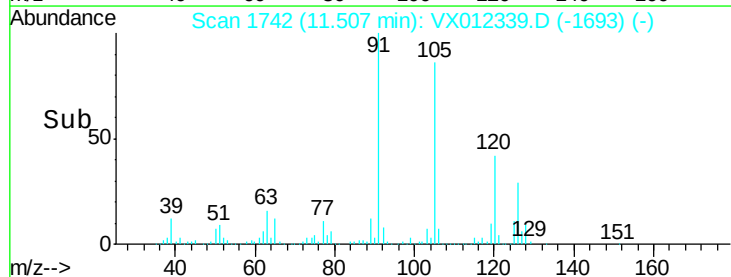
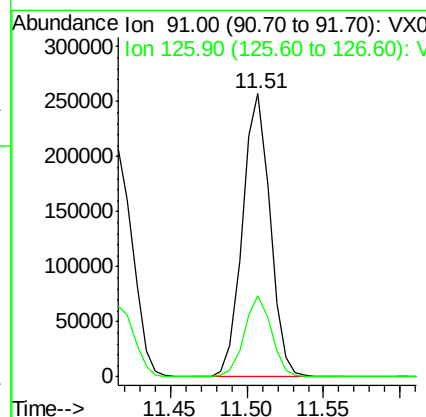
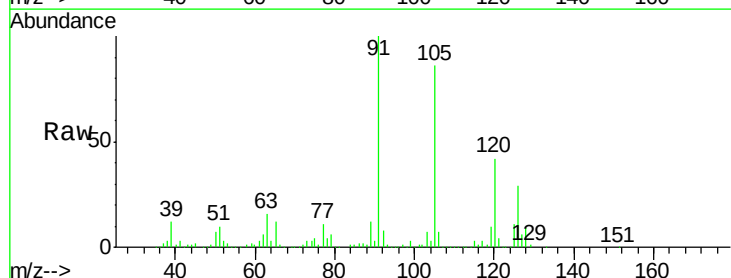
RT: 11.51 min Scan# 1742

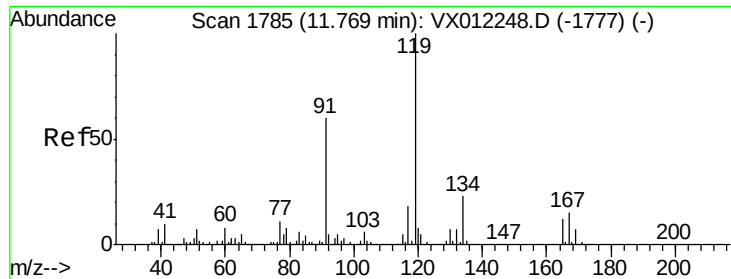
Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Tgt Ion:	91	Resp:	320789
Ion Ratio	Lower	Upper	
91	100		
126	28.3	14.0	42.0





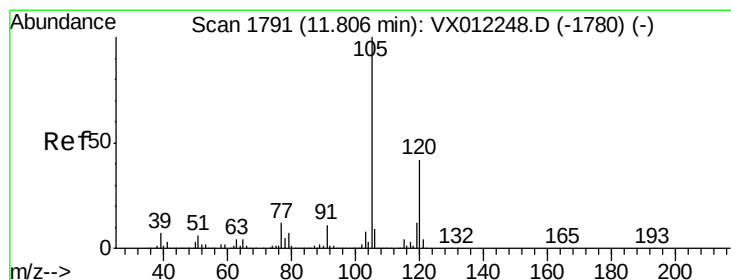
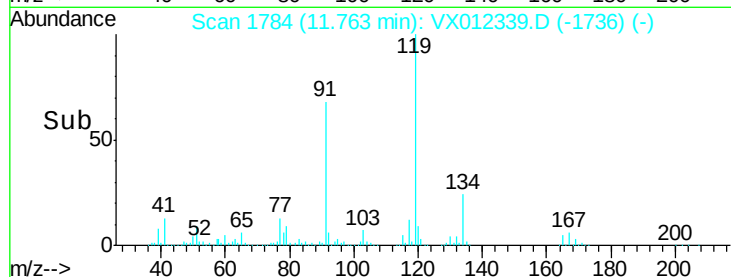
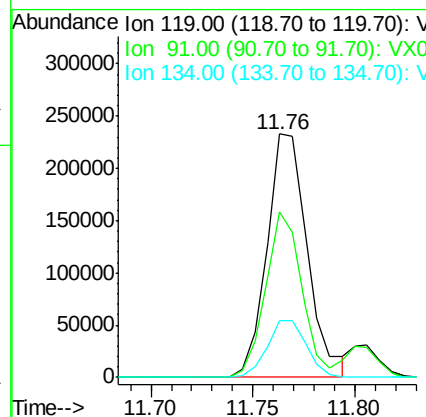
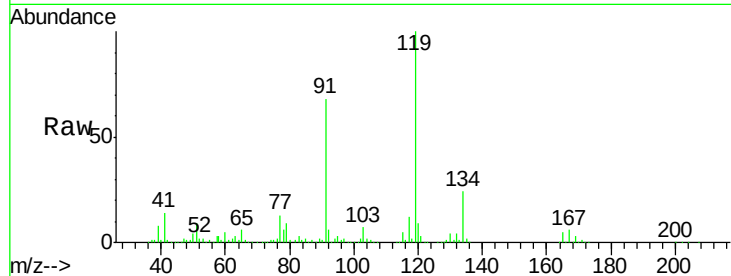
#83
 tert-Butylbenzene
 Concen: 50.024 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012339.D
 Acq: 12 Sep 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	322342		
91	60.7		30.9	92.8
134	22.8		11.2	33.6

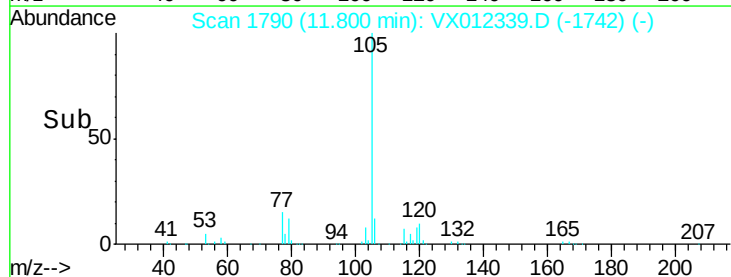
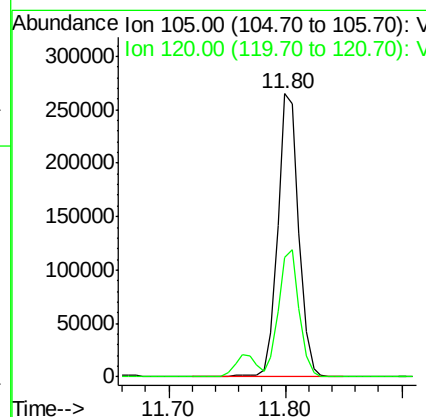
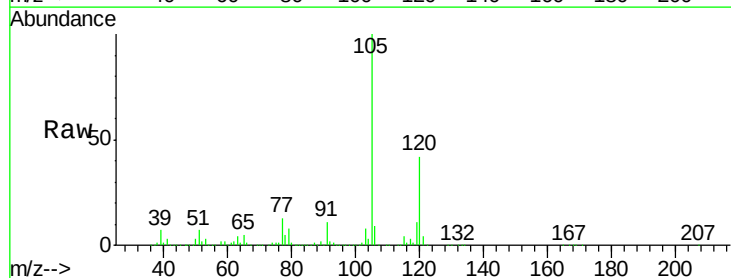
Manual Integrations
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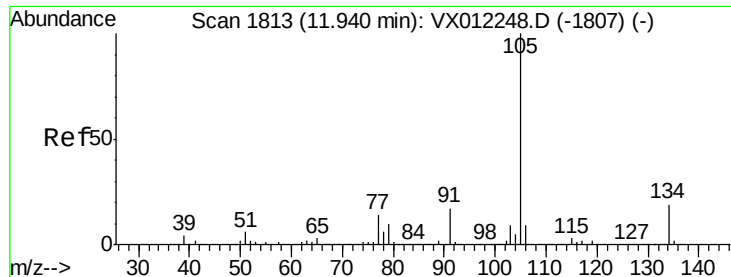
MMDadoda
 9/13/2019 10:12:12 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 48.237 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012339.D
 Acq: 12 Sep 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	330913		
120	44.2		21.3	63.9





#85

sec-Butylbenzene

Concen: 48.790 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 375125

Ion Ratio Lower Upper

105 100

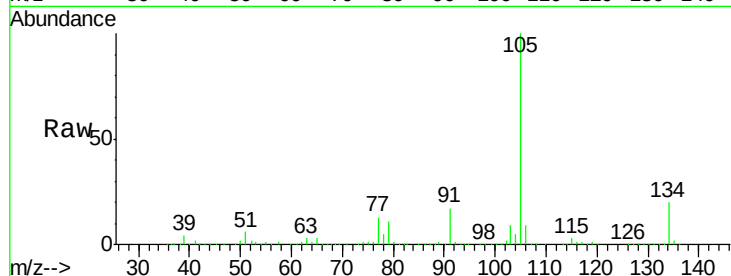
134 20.2 9.9 29.7

Manual Integrations

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MMDadoda

9/13/2019 10:12:12 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

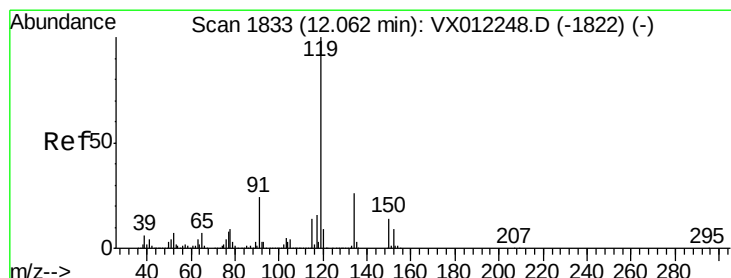
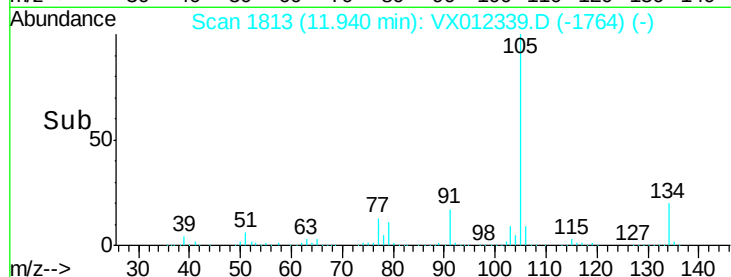
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.349 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

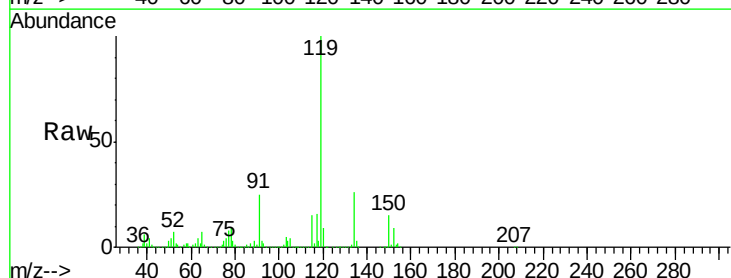
Tgt Ion:119 Resp: 350579

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

91 26.0 13.1 39.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

400000

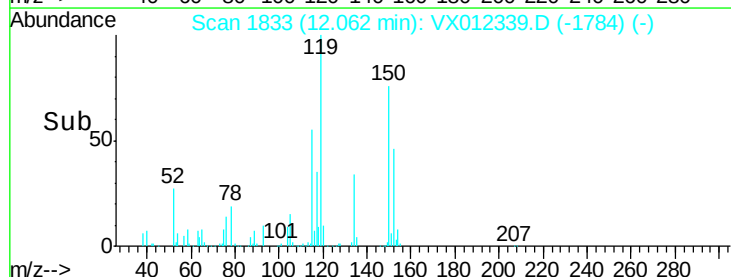
300000

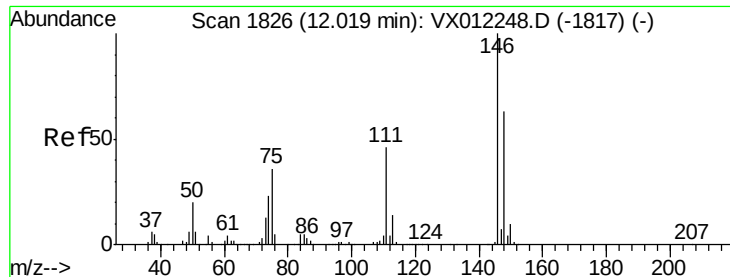
200000

100000

0

Time-->





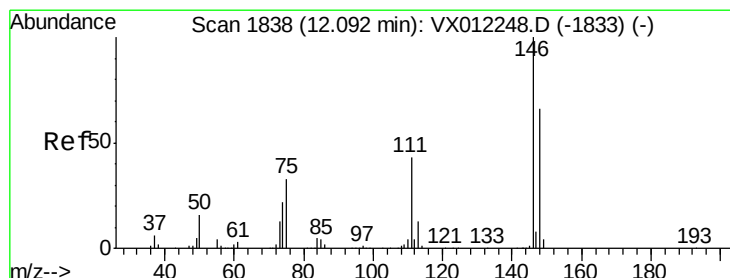
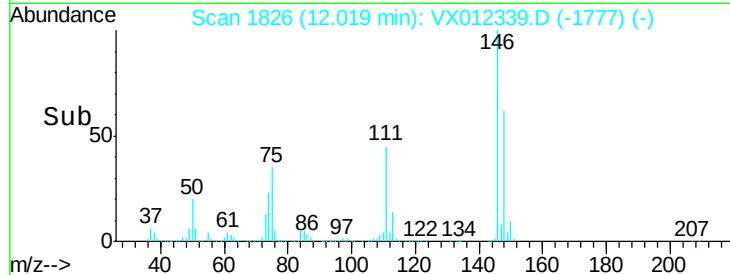
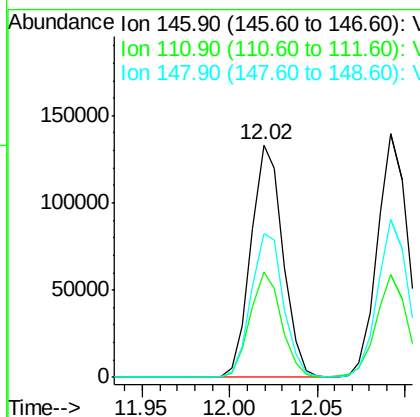
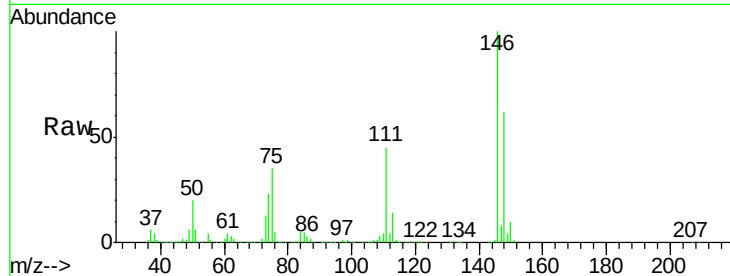
#87
 1,3-Dichlorobenzene
 Concen: 48.726 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012339.D
 Acq: 12 Sep 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.3	66.8
148	63.1	31.5	94.5

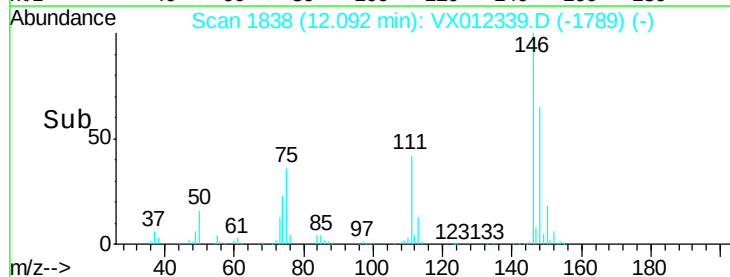
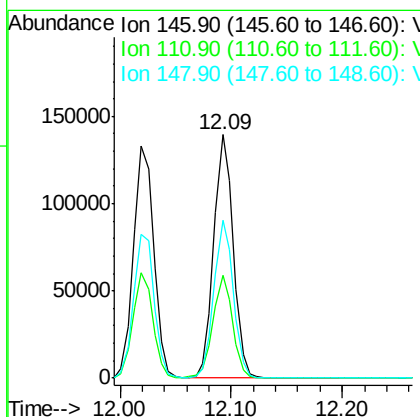
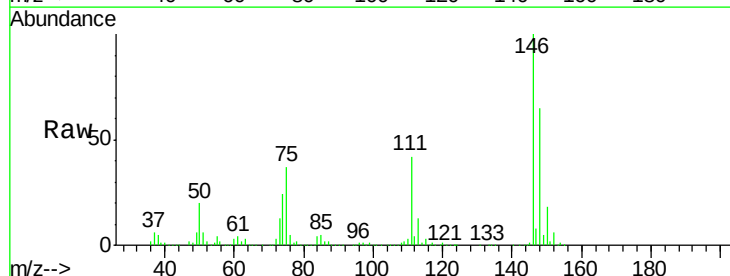
Manual Integrations
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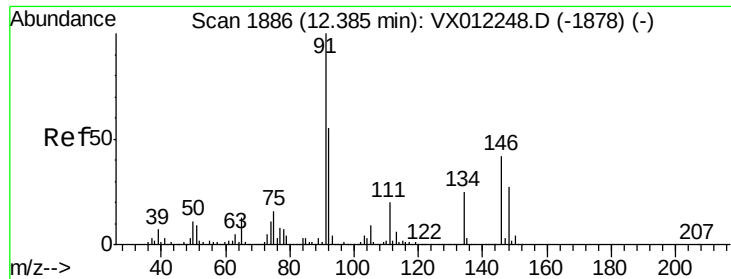
MMDadoda
 9/13/2019 10:12:12 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.309 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012339.D
 Acq: 12 Sep 2019 10:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.6	64.8
148	64.6	32.4	97.2





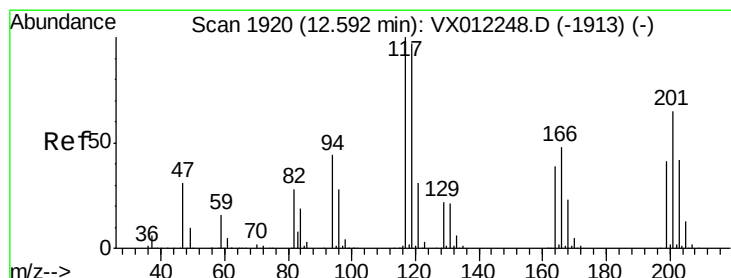
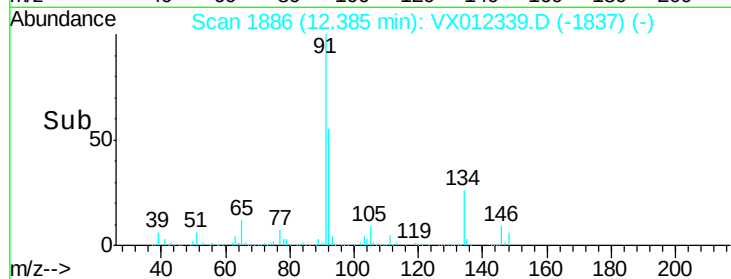
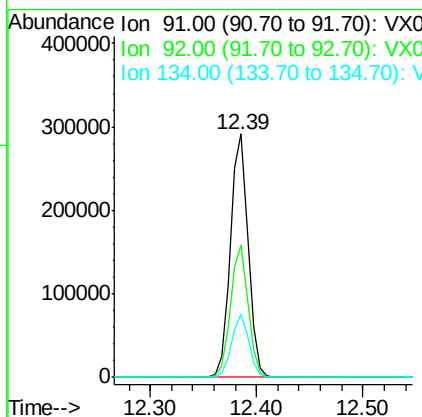
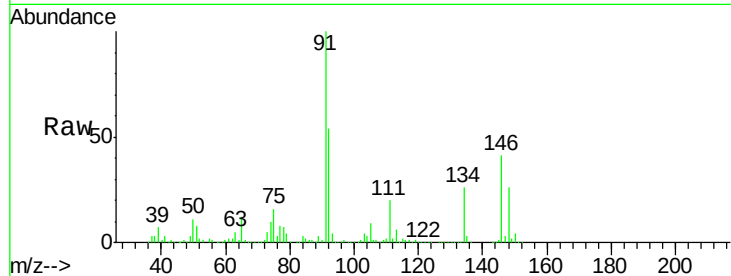
#89
n-Butylbenzene
Concen: 48.920 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	340622		
92	53.8		27.6	82.7
134	25.3		12.5	37.5

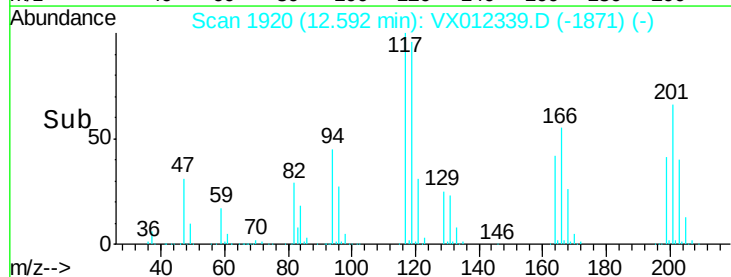
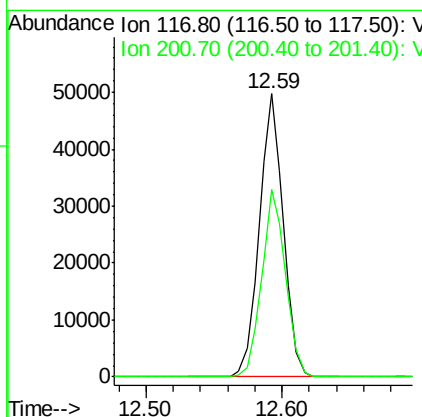
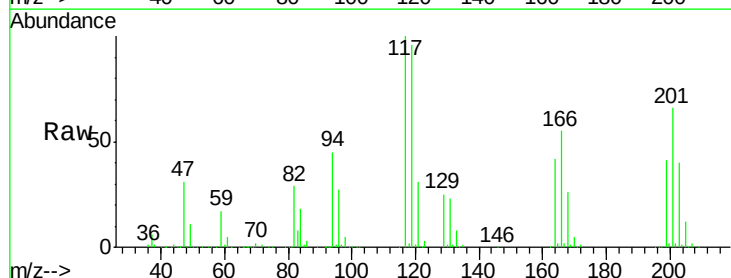
Manual Integrations
APPROVED

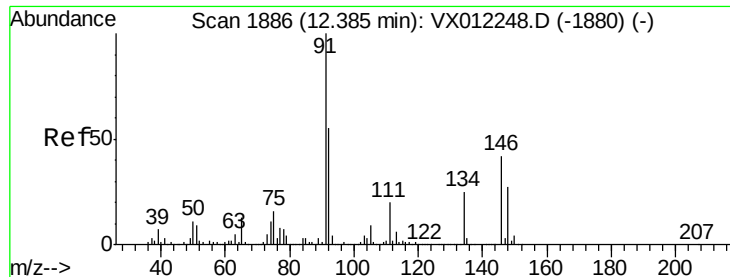
MMDadoda
9/13/2019 10:12:12 AM



#90
Hexachloroethane
Concen: 47.046 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	61561		
201	65.8		32.2	96.6





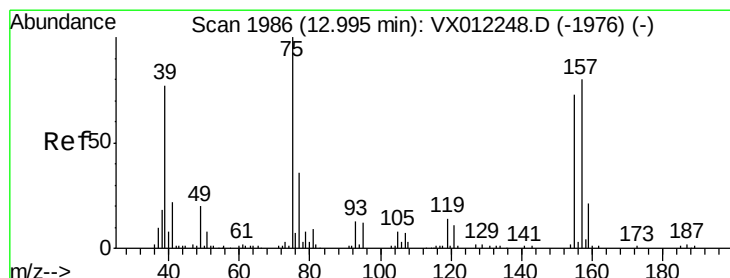
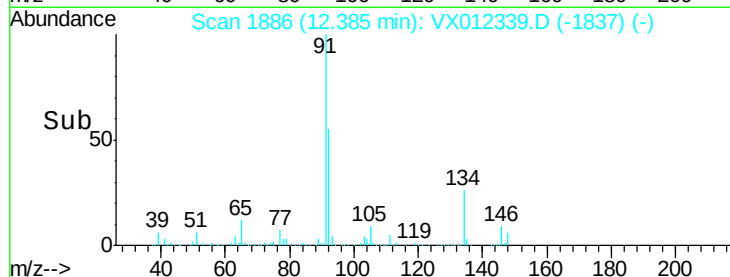
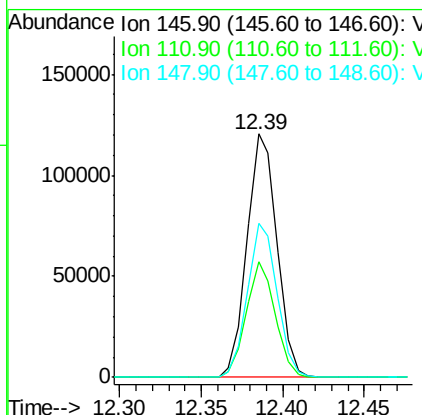
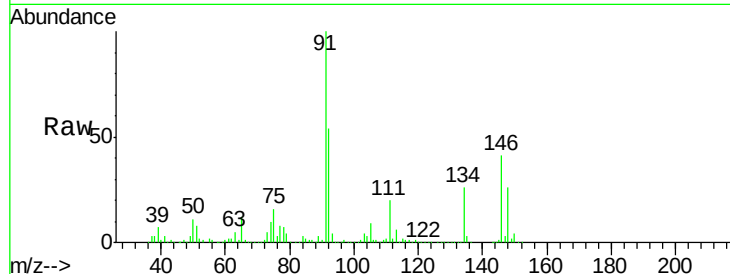
#91
1,2-Dichlorobenzene
Concen: 48.382 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.0	23.2	69.6
148	62.8	32.4	97.0

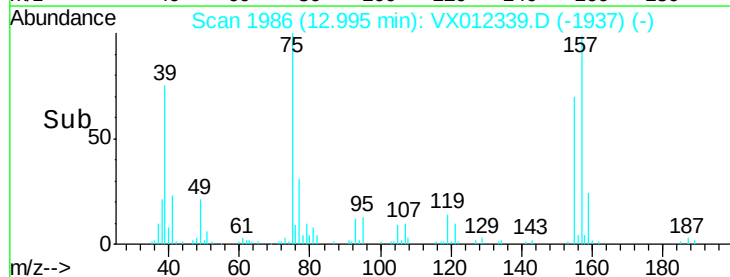
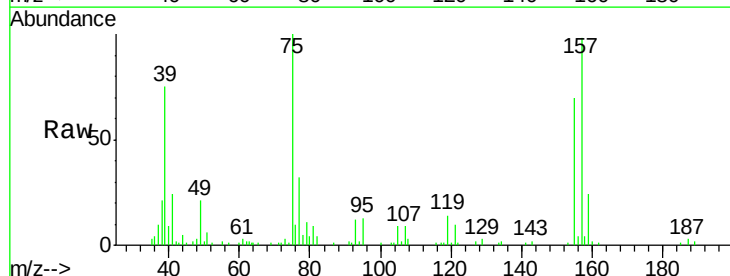
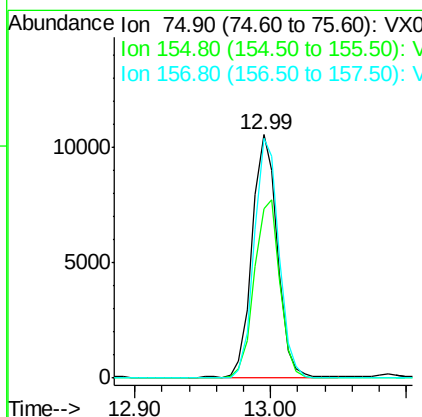
Manual Integrations
APPROVED

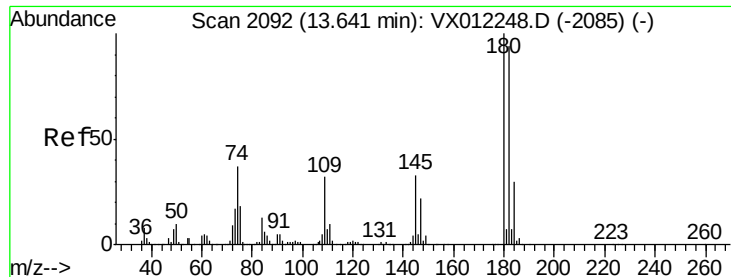
MMDadoda
9/13/2019 10:12:12 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.985 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VX012339.D
Acq: 12 Sep 2019 10:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.7	35.3	105.7
157	95.2	43.2	129.6





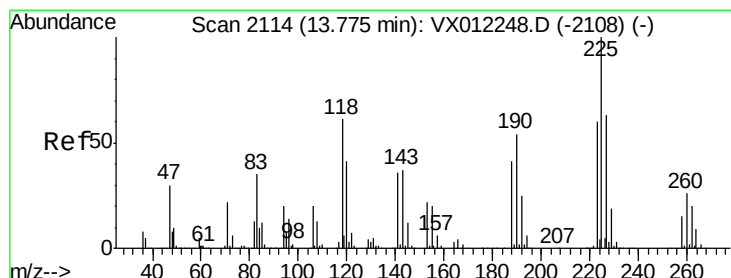
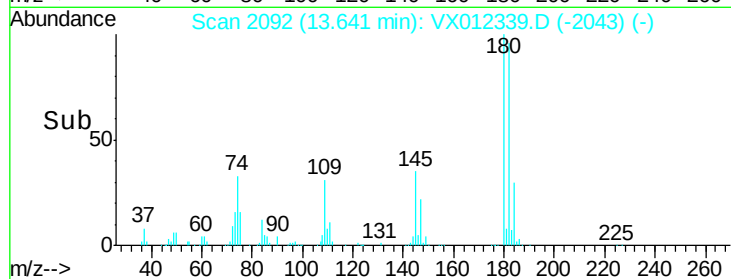
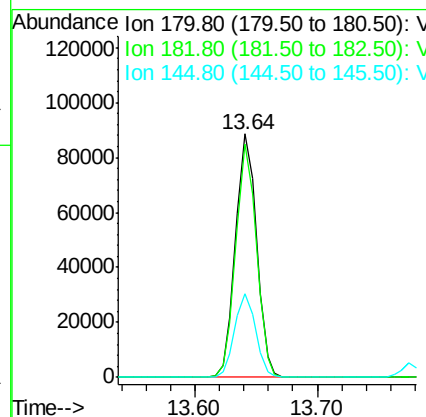
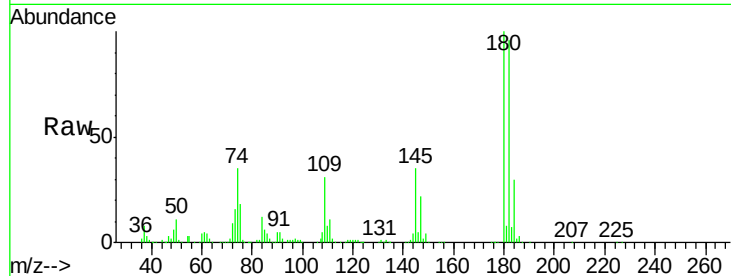
#93
 1,2,4-Trichlorobenzene
 Concen: 47.705 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012339.D
 Acq: 12 Sep 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	105472		
182	93.9	46.9	140.8	
145	34.2	17.1	51.2	

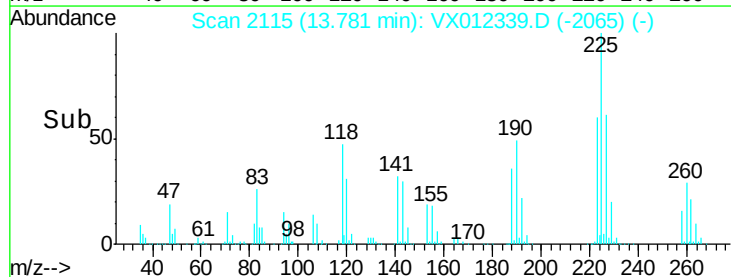
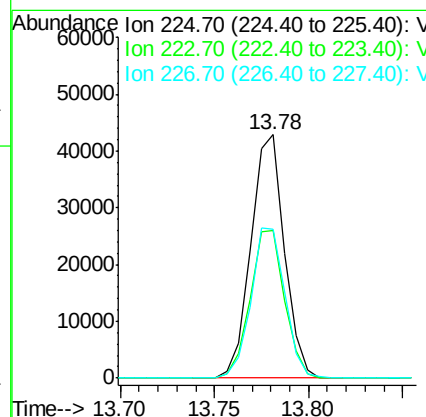
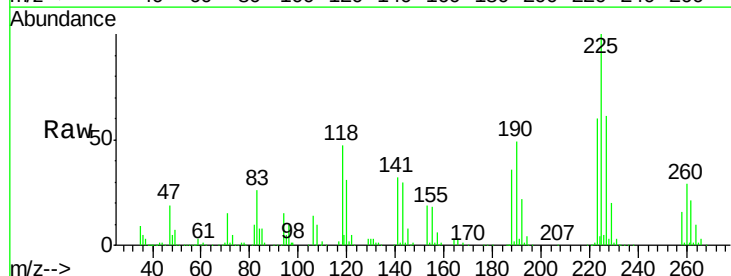
Manual Integrations
 APPROVED

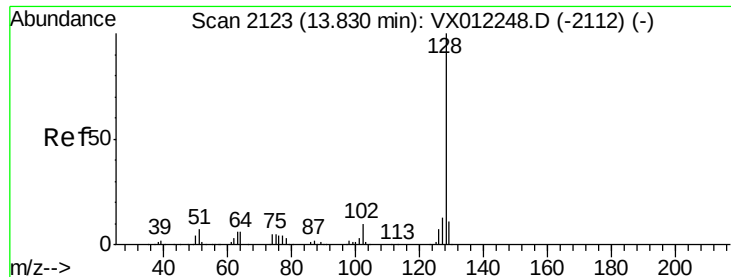
MMDadoda
 9/13/2019 10:12:12 AM



#94
 Hexachlorobutadiene
 Concen: 47.906 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX012339.D
 Acq: 12 Sep 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	52691		
223	62.4	32.1	96.5	
227	62.6	32.5	97.5	





#95

Naphthalene

Concen: 45.909 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Instrument :

MSVOA_X

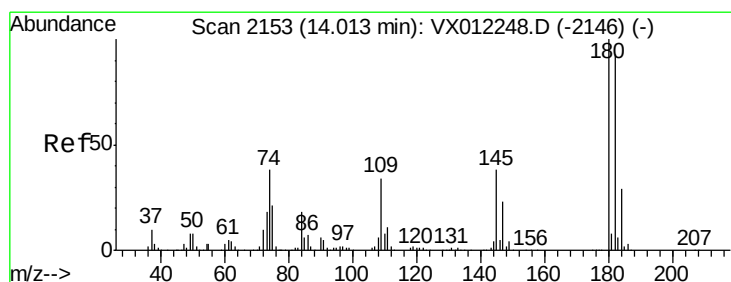
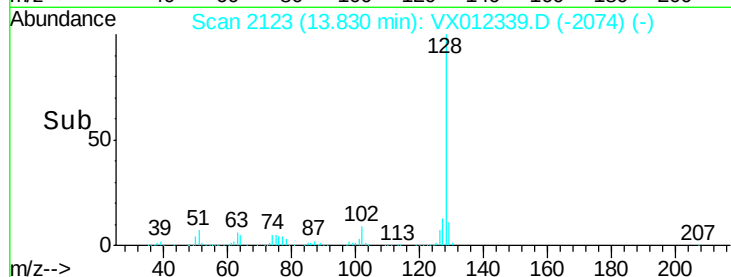
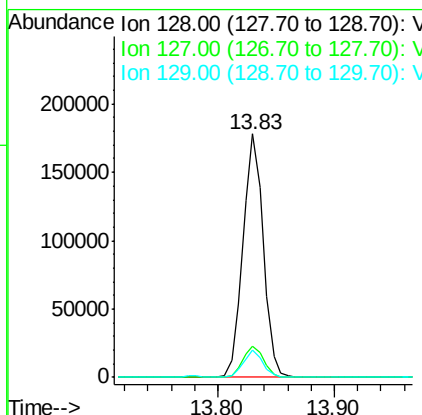
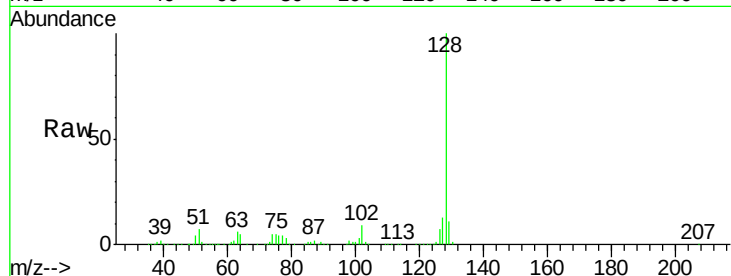
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	217819
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.2	15.2
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
9/13/2019 10:12:12 AM



#96

1,2,3-Trichlorobenzene

Concen: 45.800 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.01 min

Lab File: VX012339.D

Acq: 12 Sep 2019 10:15

Tgt Ion:	180	Resp:	89593
Ion Ratio		Lower	Upper
180	100		
182	97.8	47.0	141.0
145	37.6	18.6	55.8

