

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091819\
 Data File : VX012515.D
 Acq On : 19 Sep 2019 08:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 1:07:37 PM

Quant Time: Sep 19 09:43:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	182919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	320746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	291884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	141231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	140239	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
35) Dibromofluoromethane	5.48	113	104221	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	
50) Toluene-d8	8.71	98	382681	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
62) 4-Bromofluorobenzene	11.14	95	156339	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	59251	48.562	ug/l	96
3) Chloromethane	1.32	50	49918	49.638	ug/l	99
4) Vinyl Chloride	1.40	62	55387	50.958	ug/l	96
5) Bromomethane	1.63	94	20043	46.937	ug/l	97
6) Chloroethane	1.71	64	40722	47.877	ug/l	98
7) Trichlorofluoromethane	1.92	101	104824	52.610	ug/l	94
8) Diethyl Ether	2.18	74	44638	49.601	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	73702	51.125	ug/l	97
10) Methyl Iodide	2.50	142	59745	48.445	ug/l	97
11) Tert butyl alcohol	3.03	59	164498	247.372	ug/l	99
12) 1,1-Dichloroethene	2.36	96	61528	53.502	ug/l	97
13) Acrolein	2.28	56	48741	211.473	ug/l	98
14) Allyl chloride	2.72	41	134185	50.117	ug/l	99
15) Acrylonitrile	3.13	53	290103	255.364	ug/l	100
16) Acetone	2.44	43	267728	222.632	ug/l	100
17) Carbon Disulfide	2.56	76	75929	46.805	ug/l	97
18) Methyl Acetate	2.76	43	148218	54.257	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	327753	52.270	ug/l	100
20) Methylene Chloride	2.84	84	81588	51.424	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	63122	52.856	ug/l	99
22) Diisopropyl ether	3.84	45	324447	51.754	ug/l	98
23) Vinyl Acetate	3.80	43	1318114	255.602	ug/l	99
24) 1,1-Dichloroethane	3.69	63	158995	53.008	ug/l	99
25) 2-Butanone	4.66	43	424404	233.381	ug/l	100
26) 2,2-Dichloropropane	4.57	77	90871	30.805	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	95521	53.544	ug/l	91
28) Bromochloromethane	5.01	49	81511	52.712	ug/l	97
29) Tetrahydrofuran	5.12	42	260322	259.127	ug/l	99
30) Chloroform	5.20	83	175755	51.021	ug/l	97
31) Cyclohexane	5.57	56	93479	51.627	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	149900	52.064	ug/l	99
36) 1,1-Dichloropropene	5.79	75	94442	48.448	ug/l	95
37) Ethyl Acetate	4.82	43	153765	51.388	ug/l	99
38) Carbon Tetrachloride	5.77	117	121555	50.137	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	95459	50.374	ug/l	96
40) Benzene	6.13	78	319273	51.505	ug/l	98
41) Methacrylonitrile	5.03	41	90897	47.178	ug/l	97
42) 1,2-Dichloroethane	6.18	62	141177	49.103	ug/l	99
43) Isopropyl Acetate	6.43	43	263031	48.977	ug/l	99
44) Trichloroethene	7.21	130	87414	53.608	ug/l	97
45) 1,2-Dichloropropane	7.51	63	95189	49.983	ug/l	97
46) Dibromomethane	7.65	93	62665	50.848	ug/l	100
47) Bromodichloromethane	7.89	83	140378	51.157	ug/l	98
48) Methyl methacrylate	7.76	41	126121	49.819	ug/l	98
49) 1,4-Dioxane	7.73	88	58219	944.886	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	863438	245.160	ug/l	99
52) Toluene	8.78	92	206252	51.636	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	136407	47.821	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	143018	48.430	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	103525	50.307	ug/l	99
56) Ethyl methacrylate	9.17	69	164936	51.263	ug/l	98
57) 1,3-Dichloropropane	9.37	76	165820	50.503	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	440291	264.363	ug/l	99
59) 2-Hexanone	9.49	43	657102	239.146	ug/l	98
60) Dibromochloromethane	9.58	129	112840	53.832	ug/l	97
61) 1,2-Dibromoethane	9.67	107	99471	52.926	ug/l	100
64) Tetrachloroethene	9.33	164	76807	57.425	ug/l	92
65) Chlorobenzene	10.14	112	244563	50.765	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	103992	52.012	ug/l	99
67) Ethyl Benzene	10.25	91	421966	50.982	ug/l	99
68) m/p-Xylenes	10.35	106	311418	103.409	ug/l	98
69) o-Xylene	10.70	106	160933	51.963	ug/l	100
70) Styrene	10.71	104	287520	52.470	ug/l	99
71) Bromoform	10.85	173	79873	46.604	ug/l #	100
73) Isopropylbenzene	11.01	105	448516	50.614	ug/l	99
74) N-amyl acetate	10.89	43	236880	49.652	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	172469	49.615	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	160128m	49.358	ug/l	
77) Bromobenzene	11.25	156	111738	51.703	ug/l	98
78) n-propylbenzene	11.35	91	492846	49.901	ug/l	99
79) 2-Chlorotoluene	11.42	91	314018	48.873	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	383899	50.798	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	44522	38.439	ug/l	95
82) 4-Chlorotoluene	11.51	91	367576	49.847	ug/l	100
83) tert-Butylbenzene	11.77	119	390079	48.169	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	390752	50.357	ug/l	99
85) sec-Butylbenzene	11.94	105	442482	49.586	ug/l	98
86) p-Isopropyltoluene	12.06	119	406747	49.640	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	205008	50.429	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	210571	50.425	ug/l	99
89) n-Butylbenzene	12.38	91	346385	47.379	ug/l	99
90) Hexachloroethane	12.59	117	75937	50.543	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	217612	51.215	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	45297	50.263	ug/l	98

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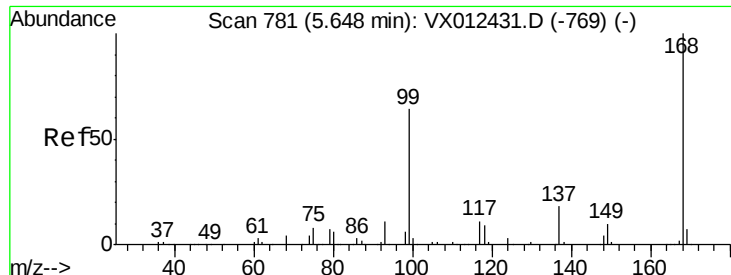
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	140930	51.494	ug/l	99
94) Hexachlorobutadiene	13.77	225	60180	46.654	ug/l	98
95) Naphthalene	13.83	128	528620	54.283	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	148089	53.099	ug/l	100

(#) = 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: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 182919

Ion Ratio Lower Upper

168 100

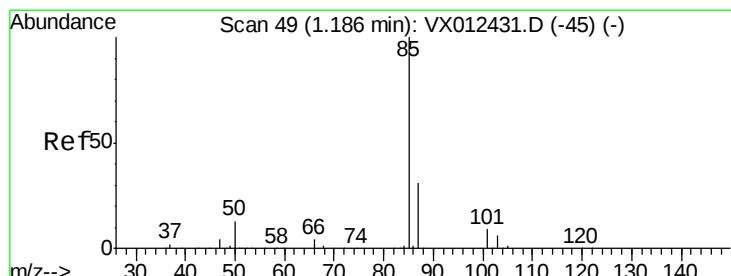
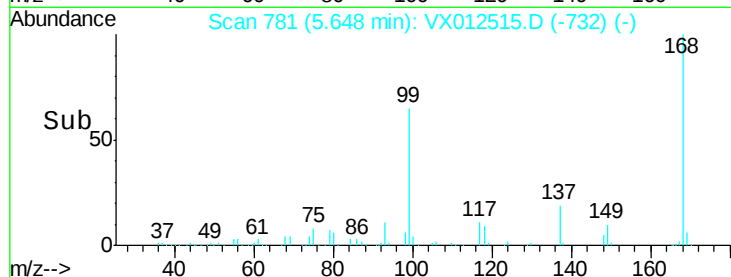
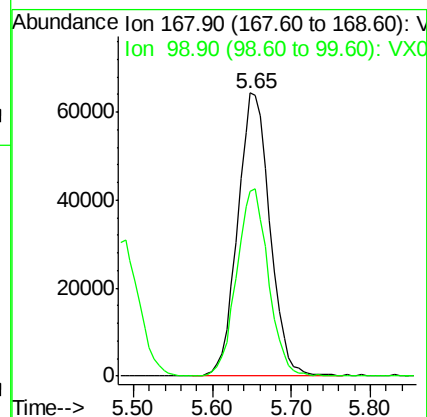
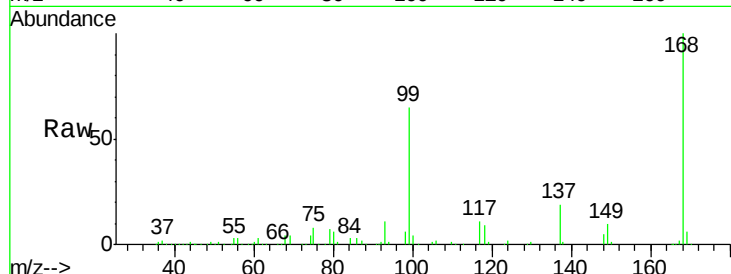
99 65.2 51.4 77.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 48.562 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012515.D

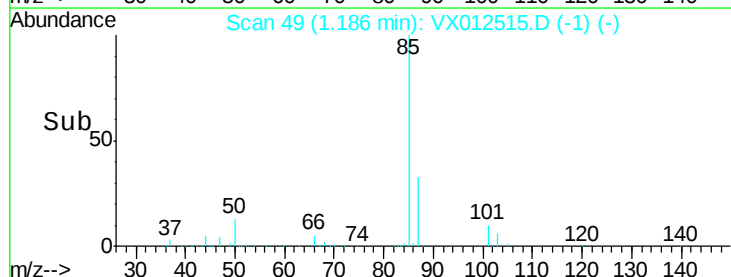
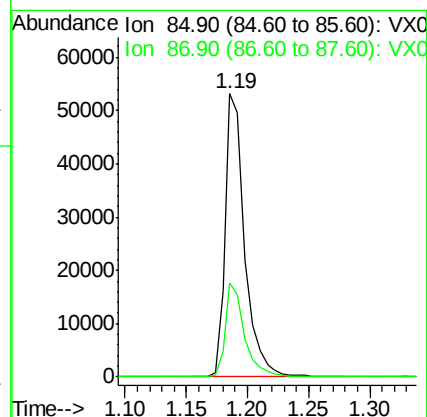
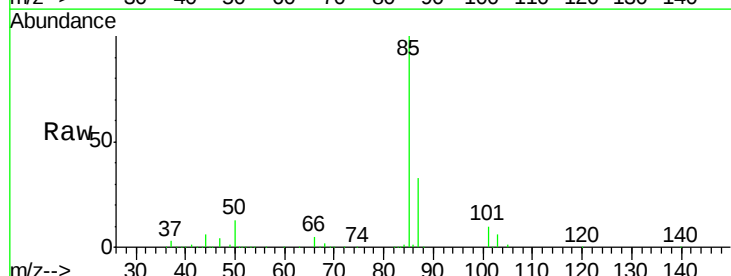
Acq: 19 Sep 2019 08:07

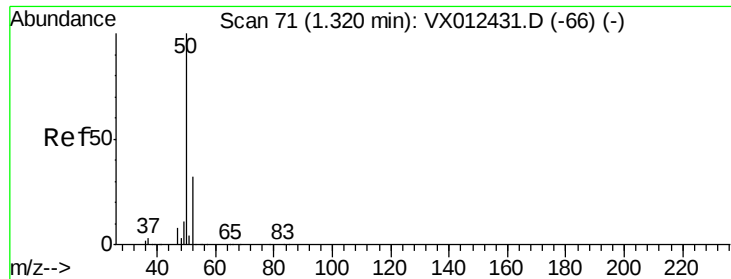
Tgt Ion: 85 Resp: 59251

Ion Ratio Lower Upper

85 100

87 33.3 15.6 46.8





#3

Chloromethane

Concen: 49.638 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 49918

Ion Ratio Lower Upper

50 100

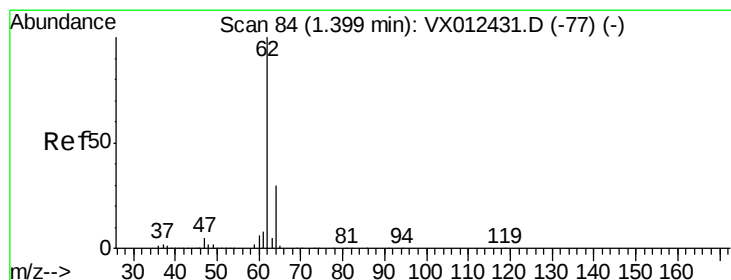
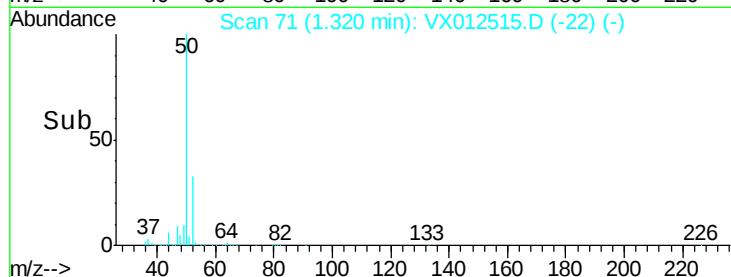
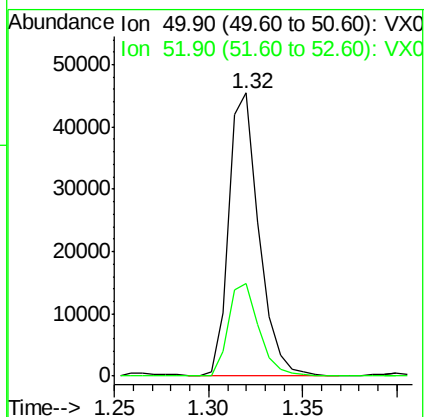
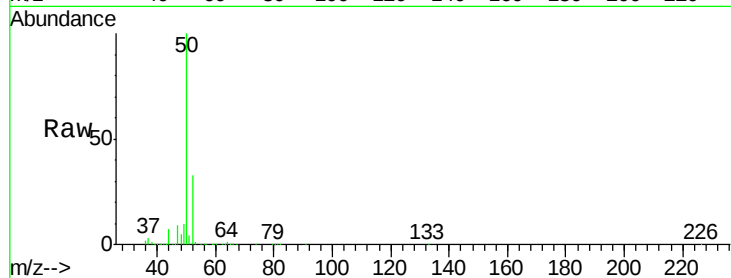
52 32.7 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.958 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012515.D

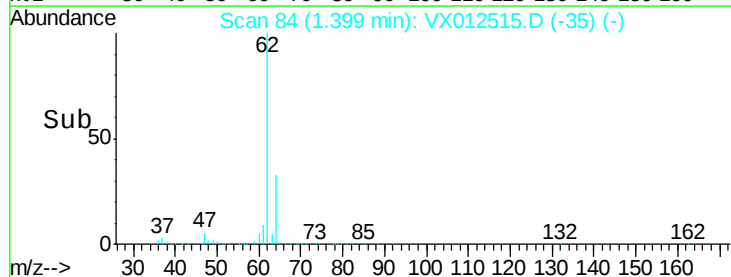
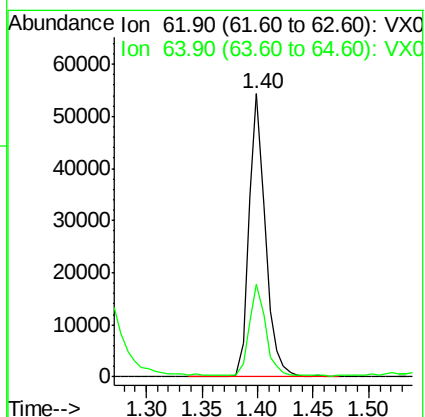
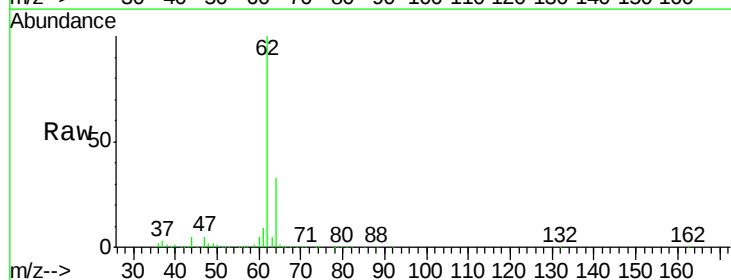
Acq: 19 Sep 2019 08:07

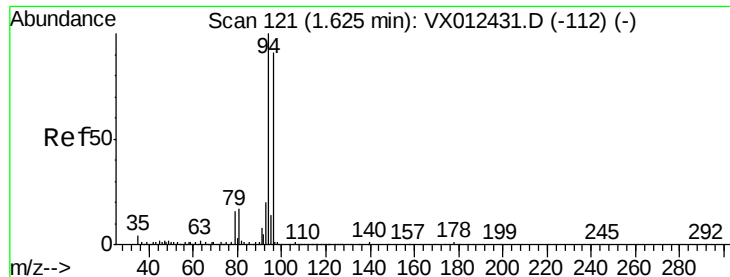
Tgt Ion: 62 Resp: 55387

Ion Ratio Lower Upper

62 100

64 32.4 24.2 36.2





#5

Bromomethane

Concen: 46.937 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 20043

Ion Ratio Lower Upper

94 100

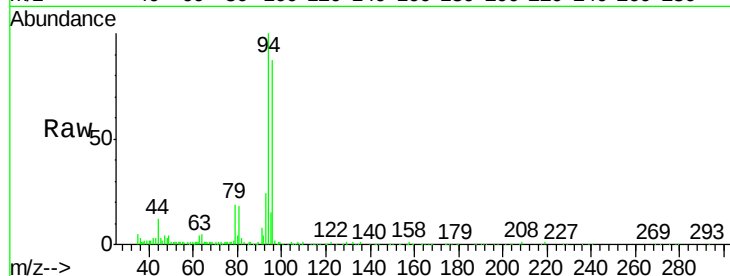
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Manual Integrations

APPROVED

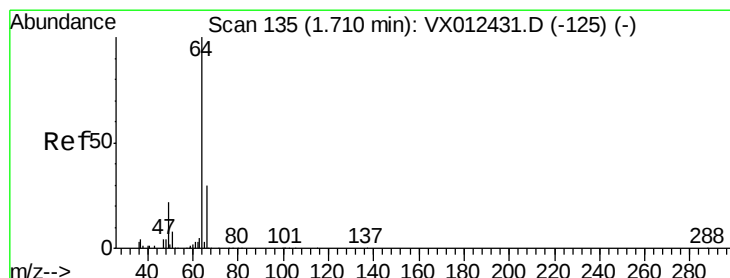
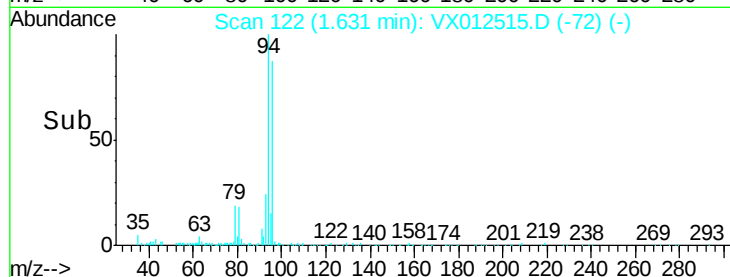
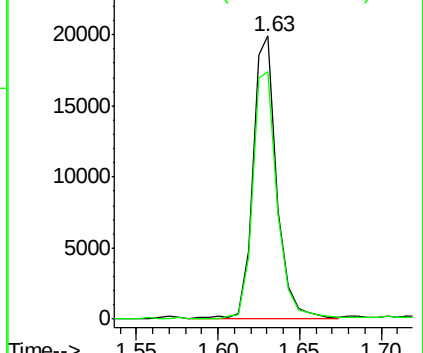
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.877 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012515.D

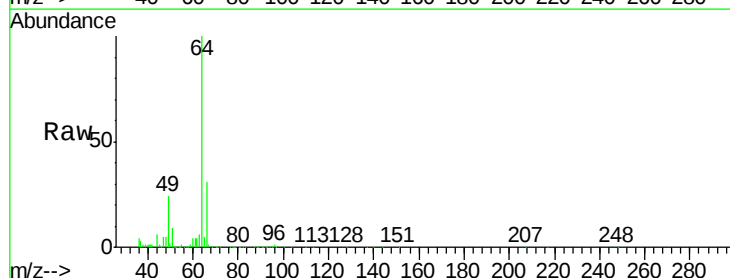
Acq: 19 Sep 2019 08:07

Tgt Ion: 64 Resp: 40722

Ion Ratio Lower Upper

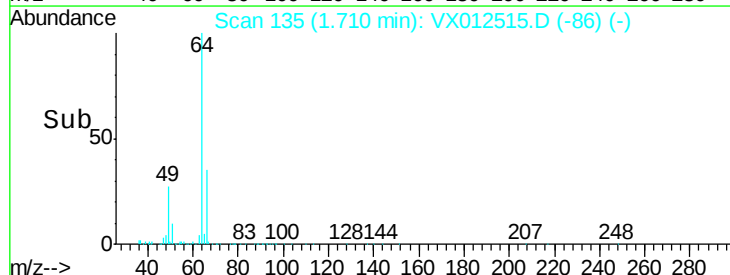
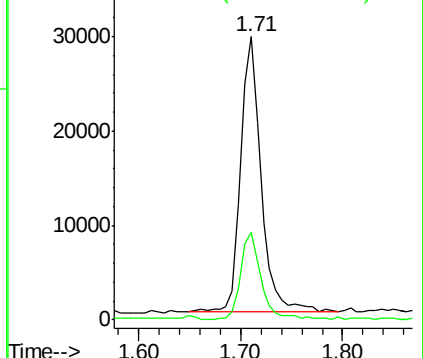
64 100

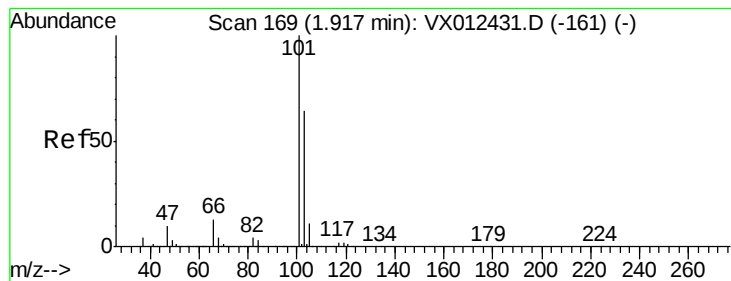
66 30.8 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

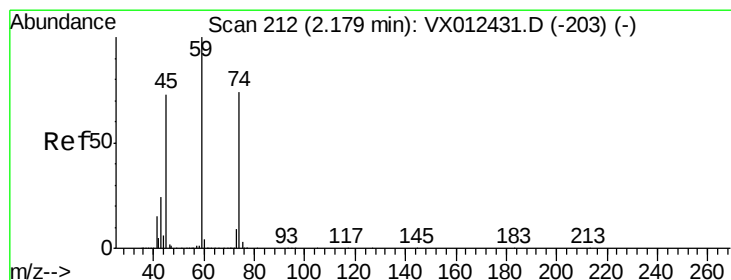
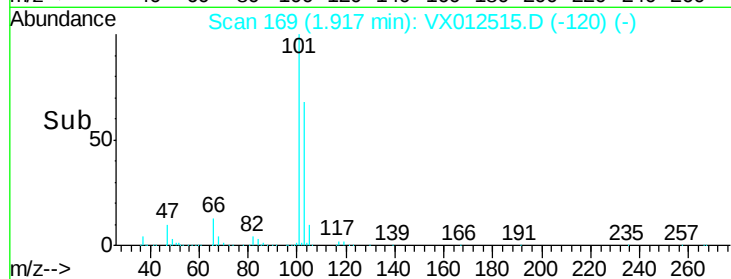
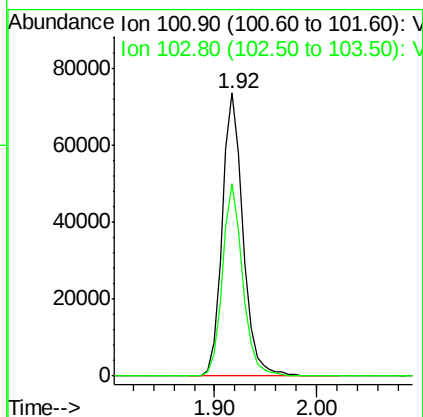
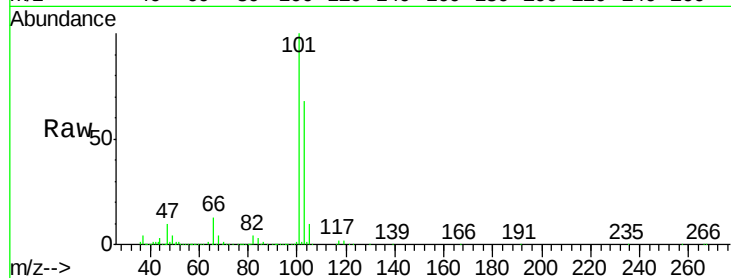
Trichlorofluoromethane
 Concen: 52.610 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

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Tot Ion	Ratio	Lower	Upper
101	100		
103	68.0	51.0	76.4

Manual Integrations
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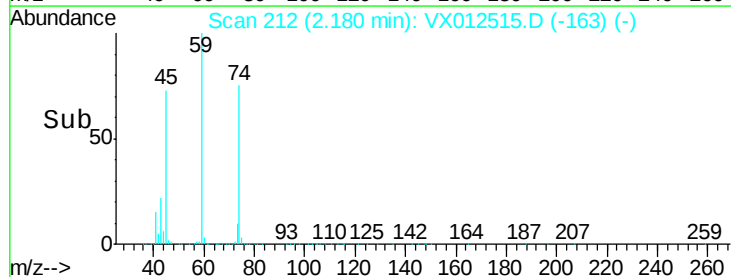
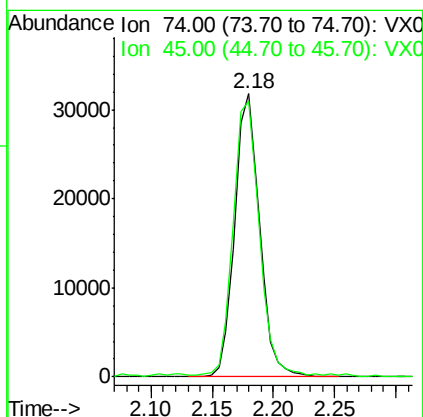
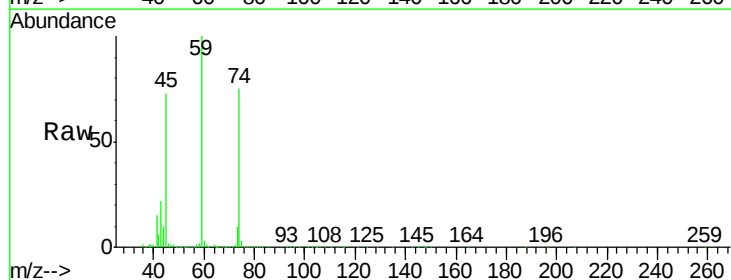
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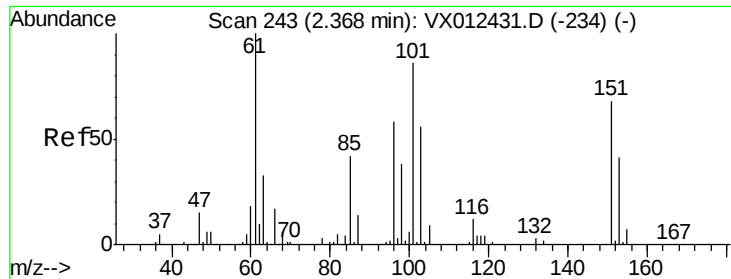


#8

Diethyl Ether
 Concen: 49.601 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.6	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.125 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

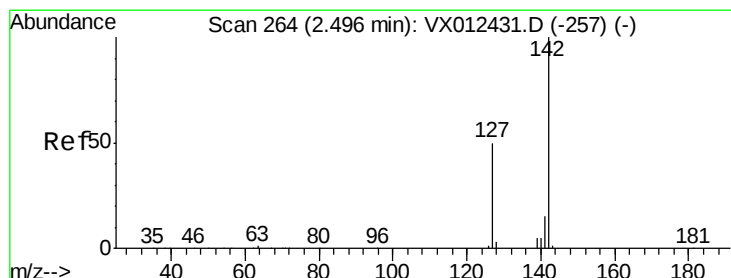
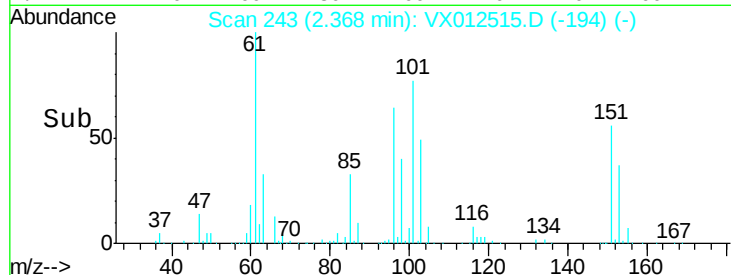
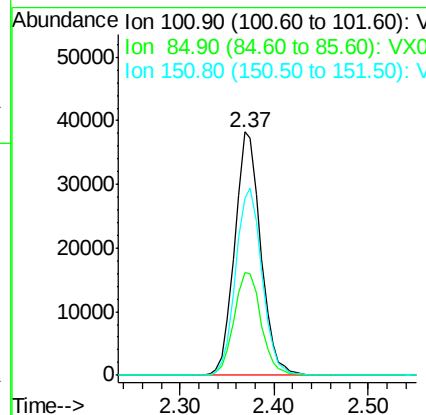
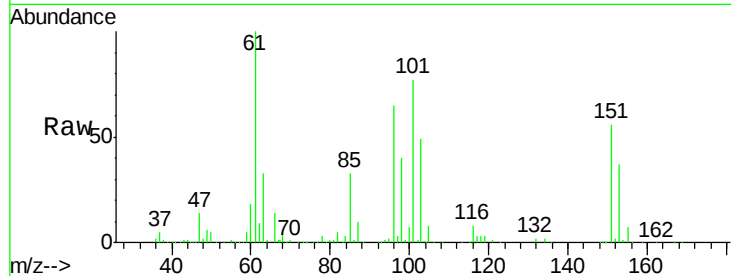
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	73702
Ion Ratio	Lower	Upper	
101	100		
85	43.9	37.3	55.9
151	78.0	61.0	91.4

Manual Integrations
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#10

Methyl Iodide

Concen: 48.445 ug/l

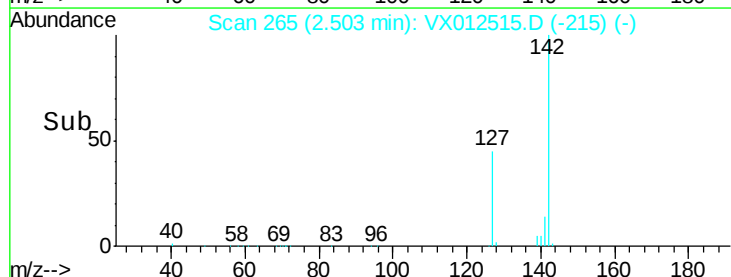
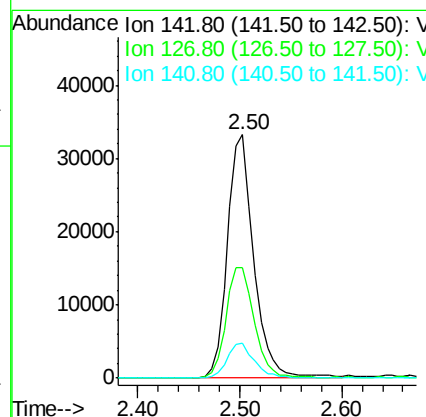
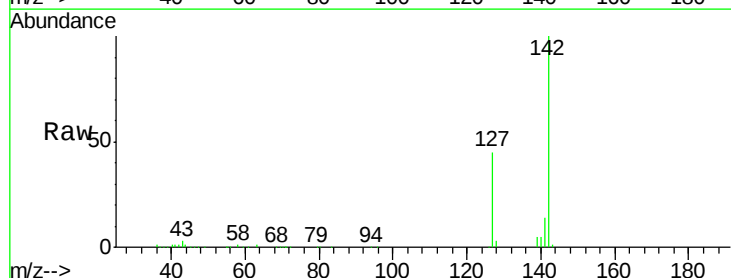
RT: 2.50 min Scan# 265

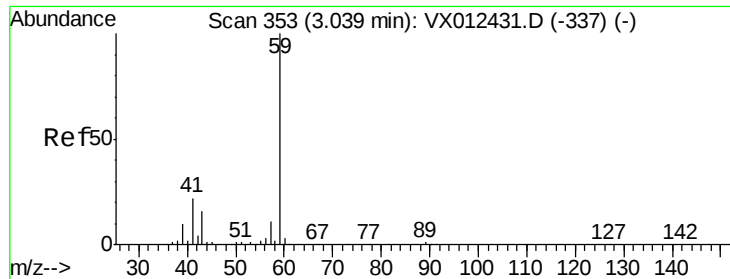
Delta R.T. 0.01 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Tgt Ion:	142	Resp:	59745
Ion Ratio	Lower	Upper	
142	100		
127	48.9	40.8	61.2
141	14.6	12.1	18.1





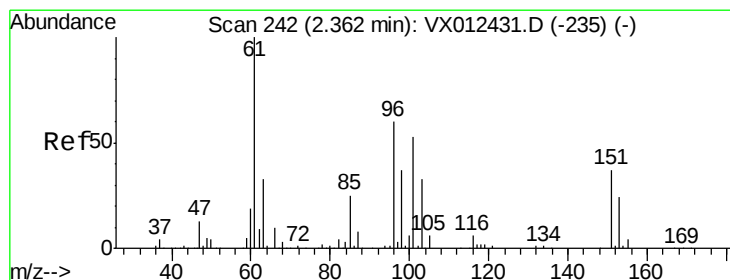
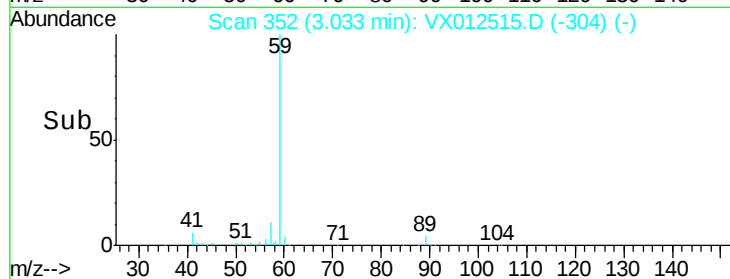
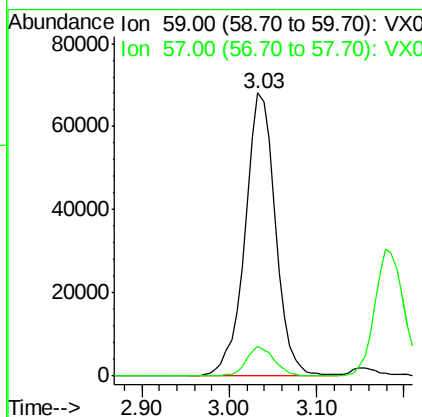
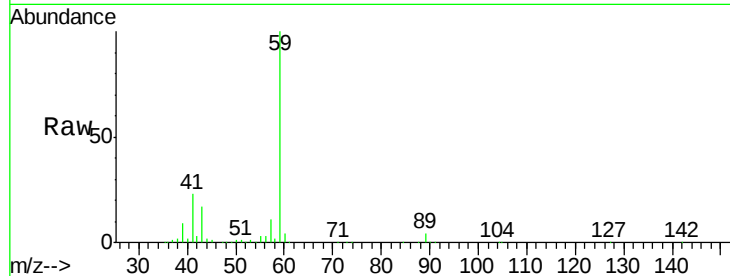
#11
Tert butyl alcohol
Concen: 247.372 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5

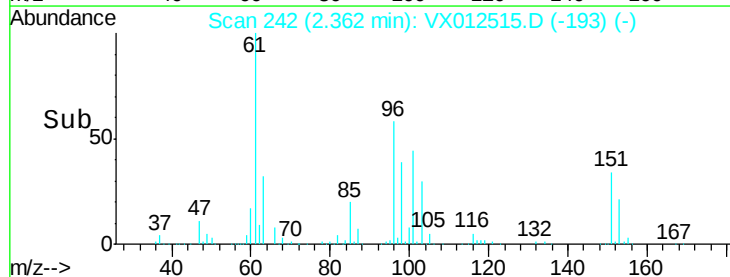
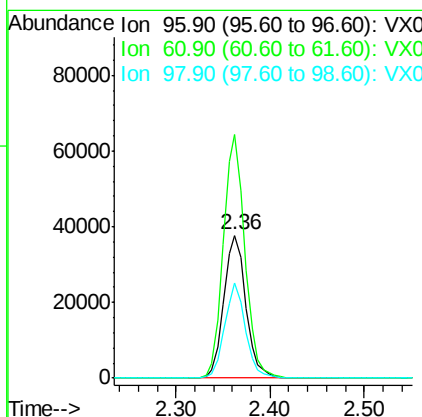
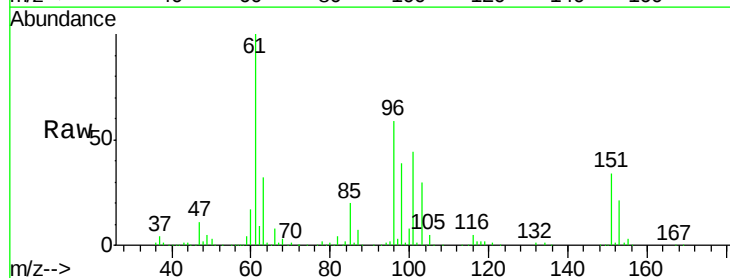
Manual Integrations
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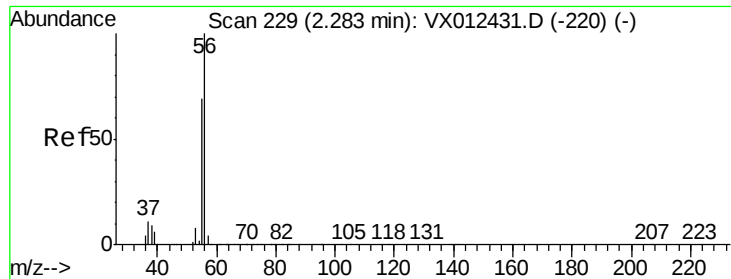
MMDadoda
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#12
1,1-Dichloroethene
Concen: 53.502 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.4	133.8	200.6
98	66.5	49.9	74.9





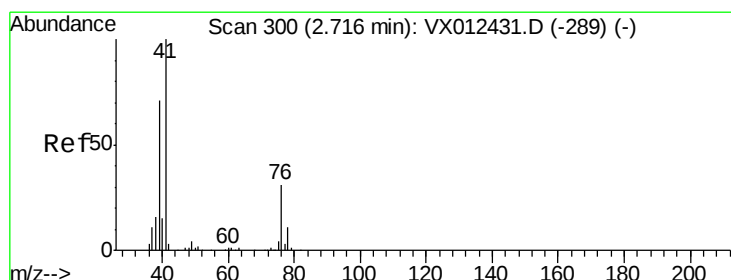
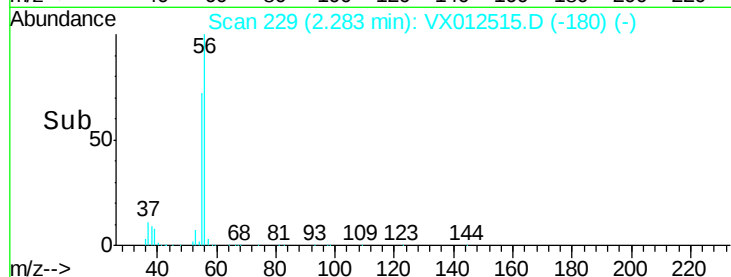
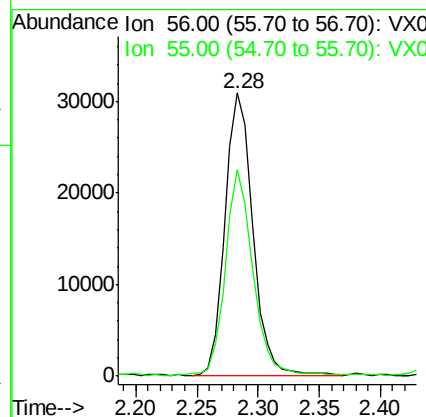
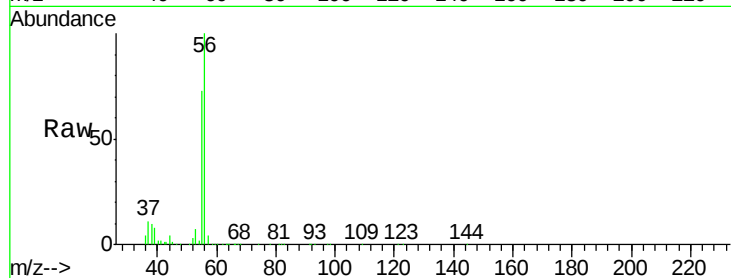
#13
Acrolein
Concen: 211.473 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	48741
Ion Ratio	100	Lower	Upper
55	71.8	55.8	83.8

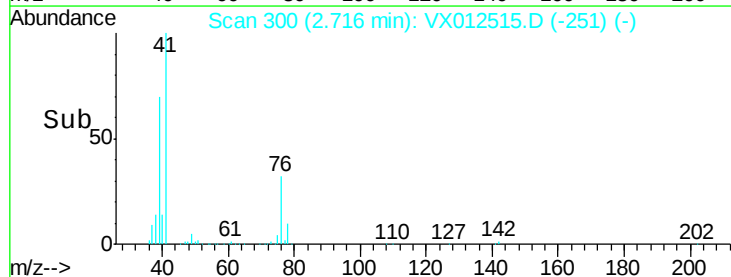
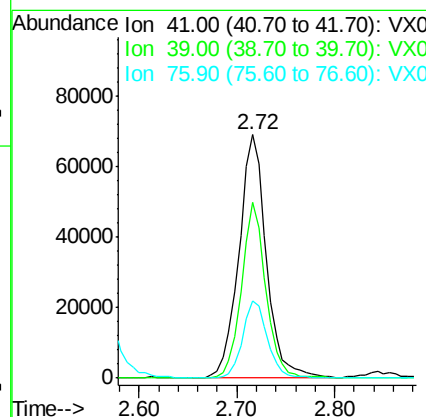
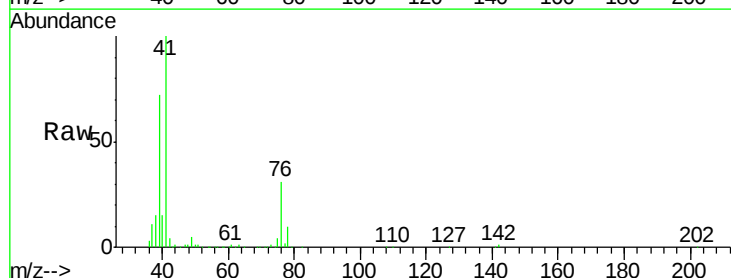
Manual Integrations
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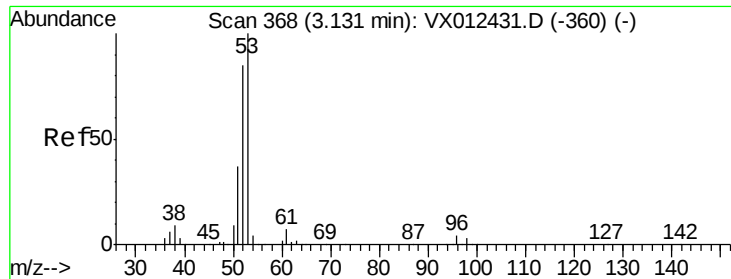
MMDadoda
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#14
Allyl chloride
Concen: 50.117 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion	41	Resp	134185
Ion Ratio	100	Lower	Upper
39	63.5	51.3	76.9
76	28.8	22.6	33.8





#15

Acrylonitrile

Concen: 255.364 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

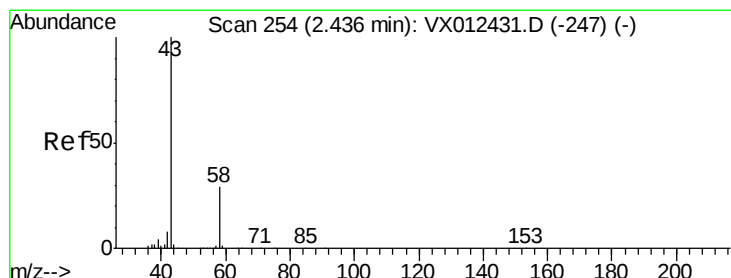
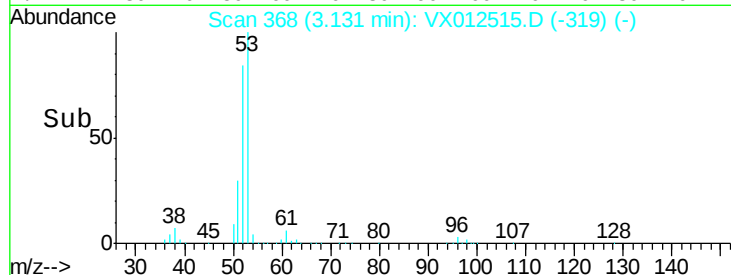
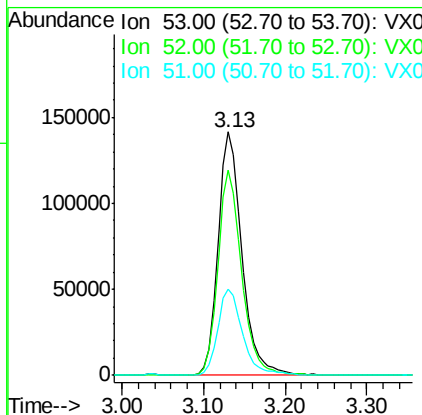
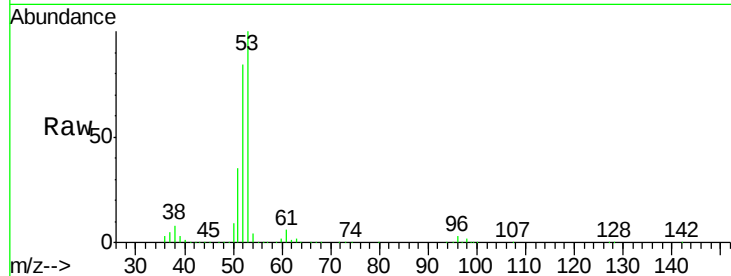
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	290103
Ion Ratio		Lower	Upper
53	100		
52	83.5	67.0	100.4
51	36.8	29.6	44.4

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#16

Acetone

Concen: 222.632 ug/l

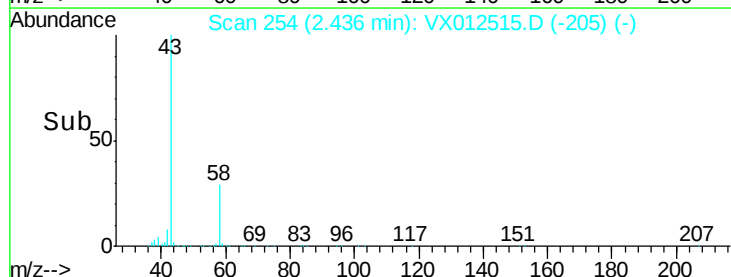
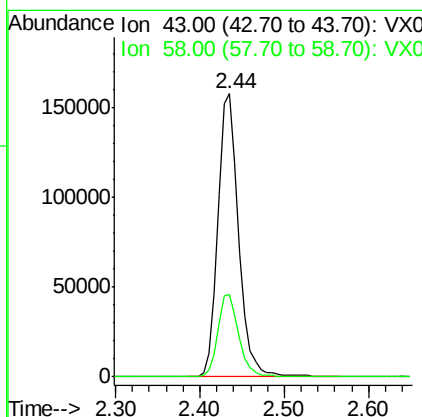
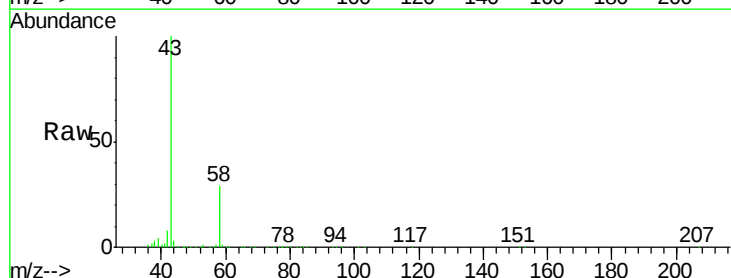
RT: 2.44 min Scan# 254

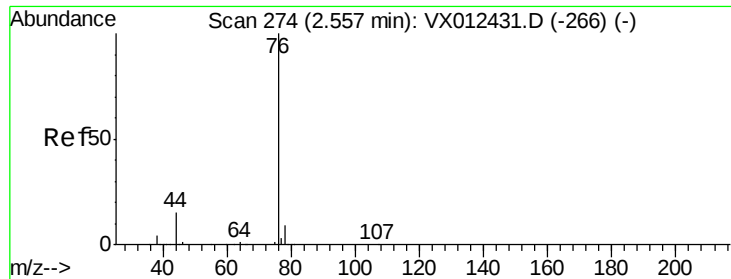
Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Tgt Ion:	43	Resp:	267728
Ion Ratio		Lower	Upper
43	100		
58	29.2	23.3	34.9





#17

Carbon Disulfide

Concen: 46.805 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 75929

Ion Ratio Lower Upper

76 100

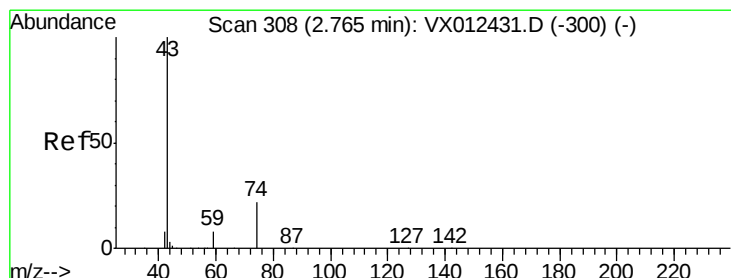
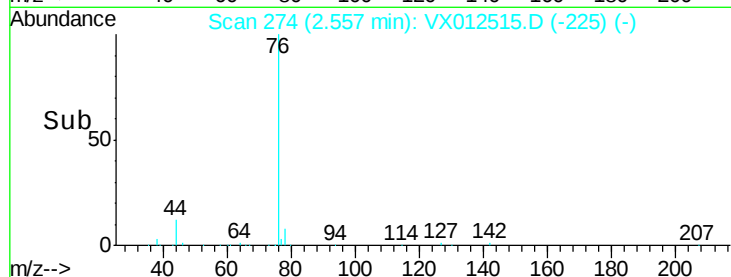
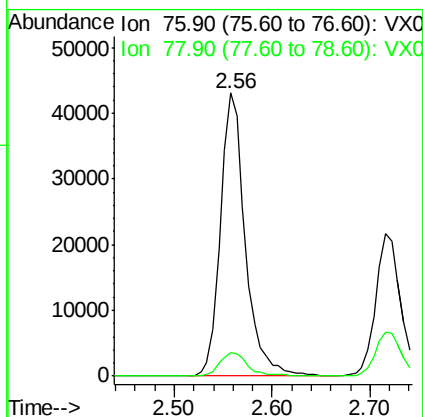
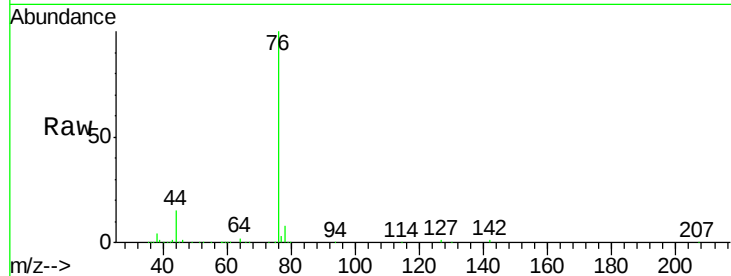
78 8.2 7.3 10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 54.257 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012515.D

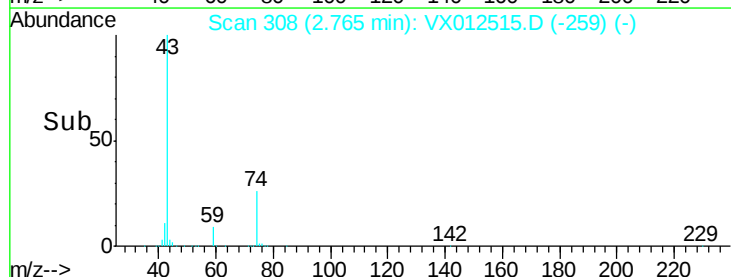
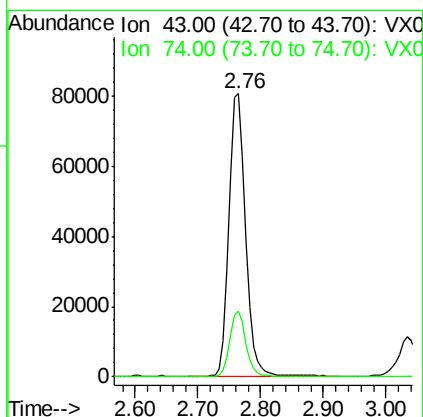
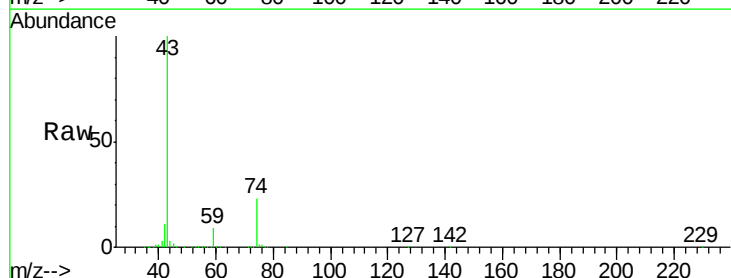
Acq: 19 Sep 2019 08:07

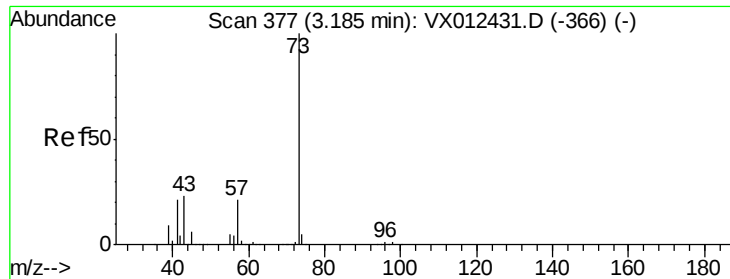
Tgt Ion: 43 Resp: 148218

Ion Ratio Lower Upper

43 100

74 22.9 17.7 26.5





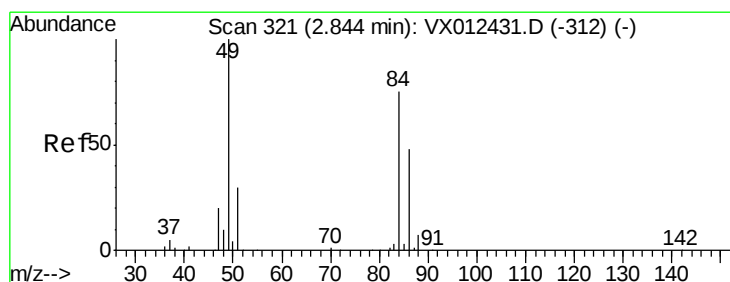
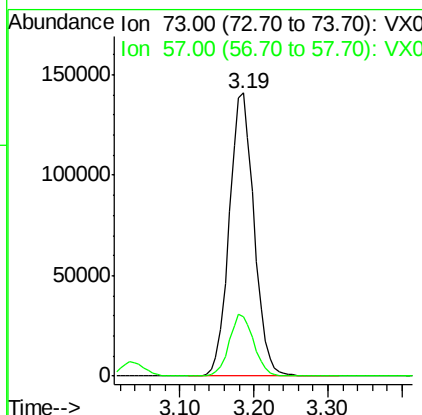
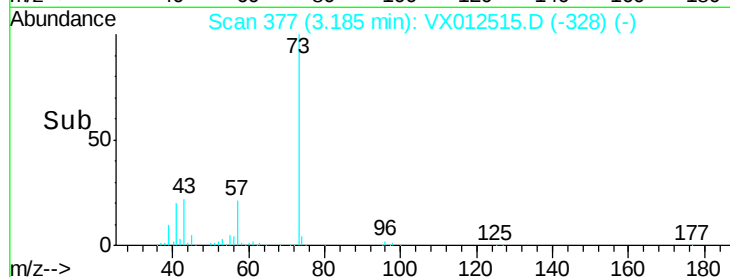
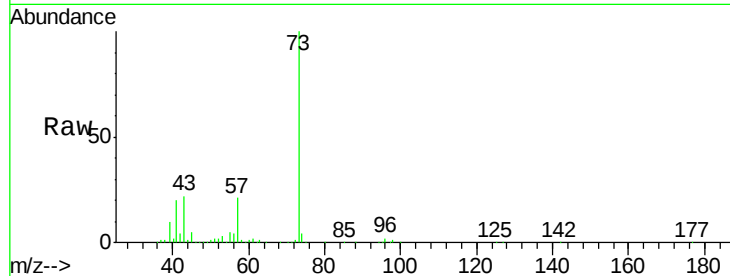
#19
Methyl tert-butyl Ether
Concen: 52.270 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 327753
Ion Ratio Lower Upper
73 100
57 21.0 16.8 25.2

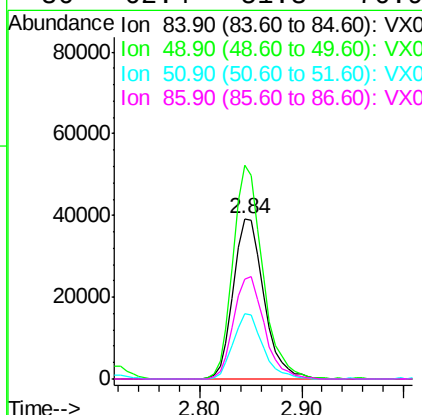
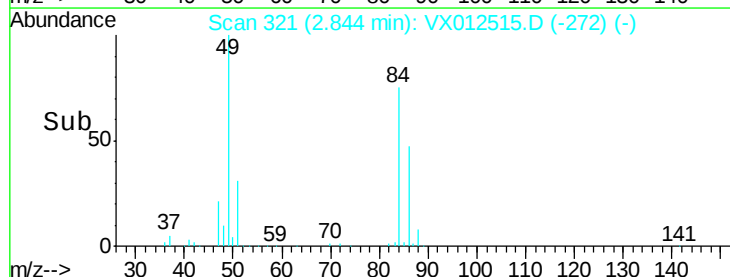
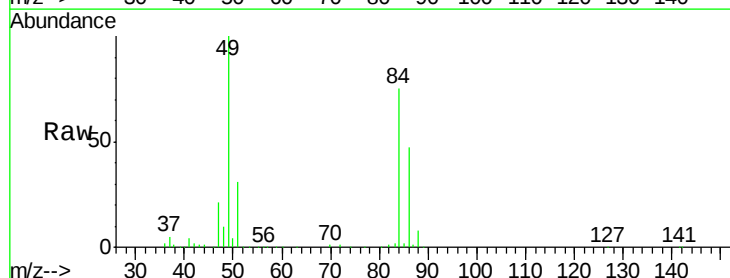
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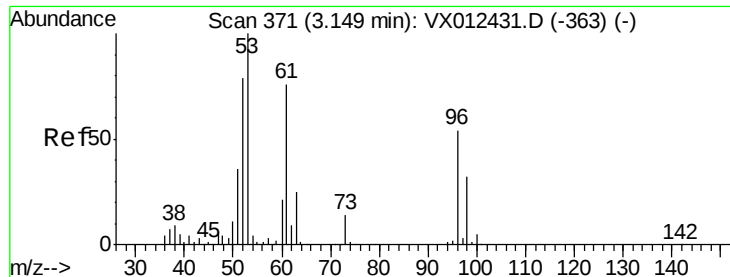
MMDadoda
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#20
Methylene Chloride
Concen: 51.424 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion: 84 Resp: 81588
Ion Ratio Lower Upper
84 100
49 133.4 106.8 160.2
51 41.1 32.3 48.5
86 62.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 52.856 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 63122

Ion Ratio Lower Upper

96 100

61 140.5 112.0 168.0

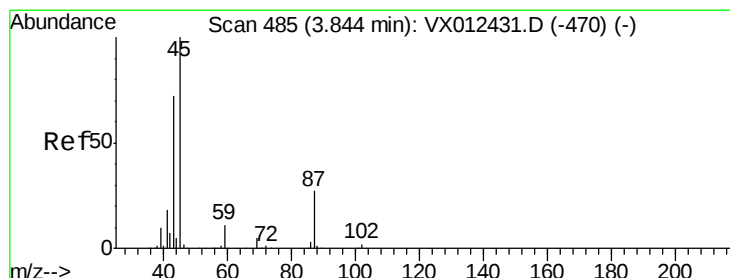
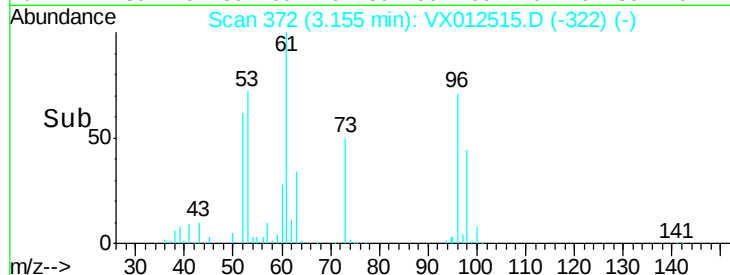
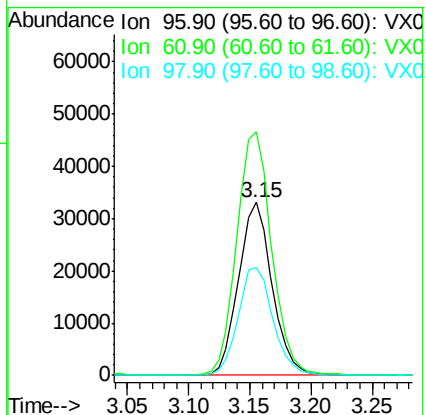
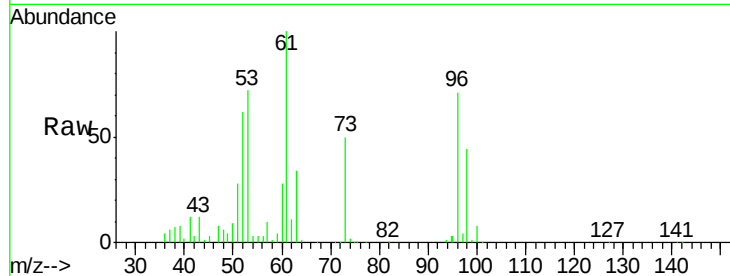
98 62.3 47.8 71.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 51.754 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Tgt Ion: 45 Resp: 324447

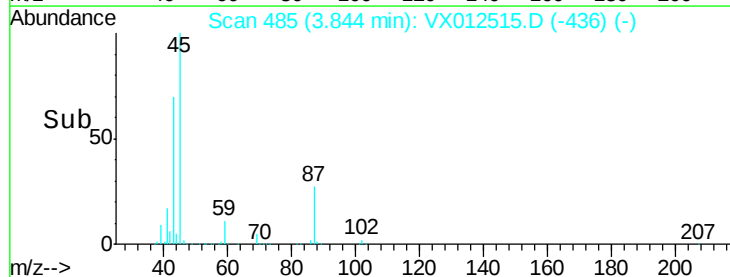
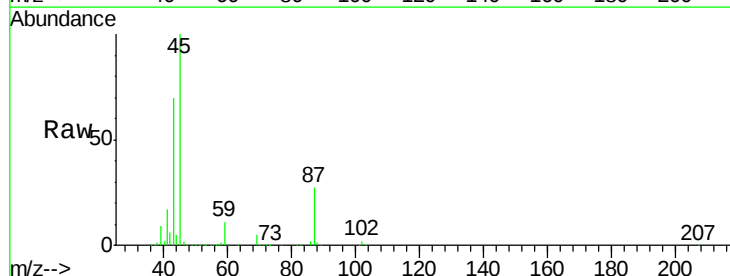
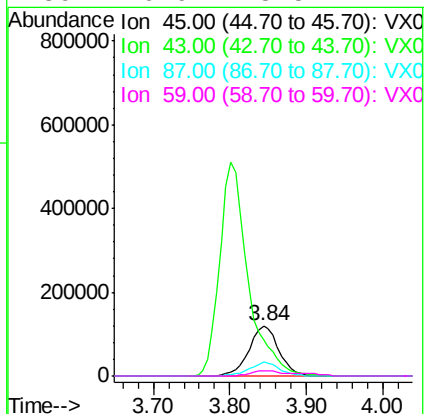
Ion Ratio Lower Upper

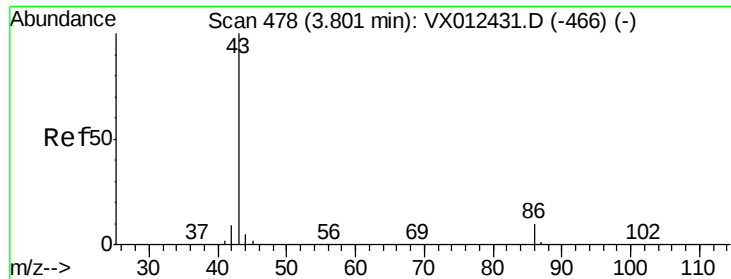
45 100

43 70.3 57.8 86.8

87 27.5 21.3 31.9

59 10.9 8.5 12.7





#23

Vinyl Acetate

Concen: 255.602 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1318114

Ion Ratio Lower Upper

43 100

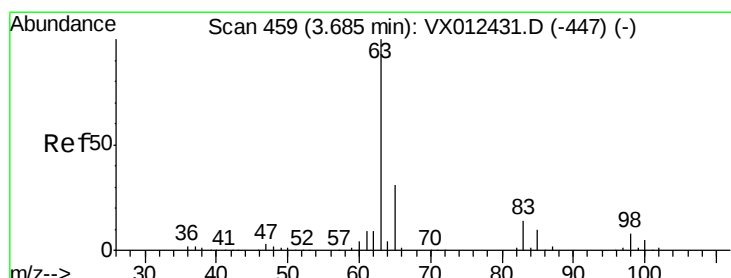
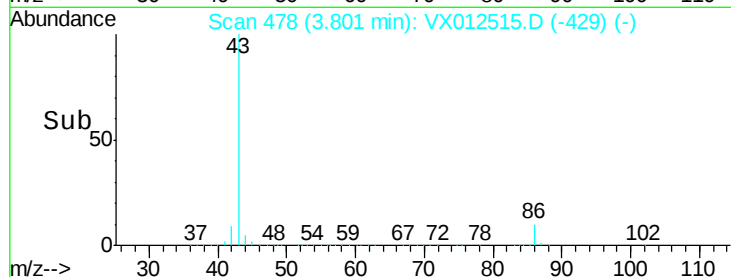
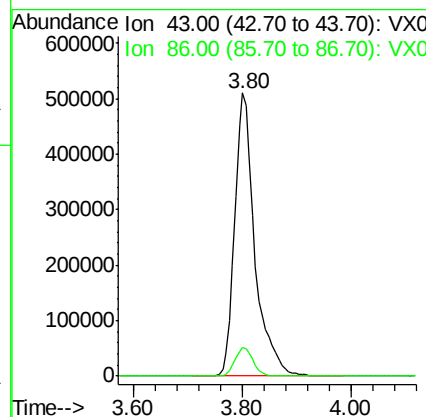
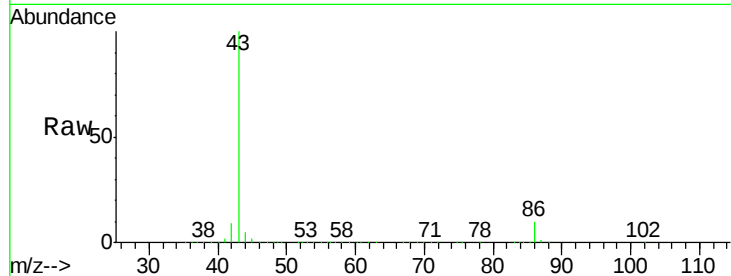
86 10.2 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 53.008 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

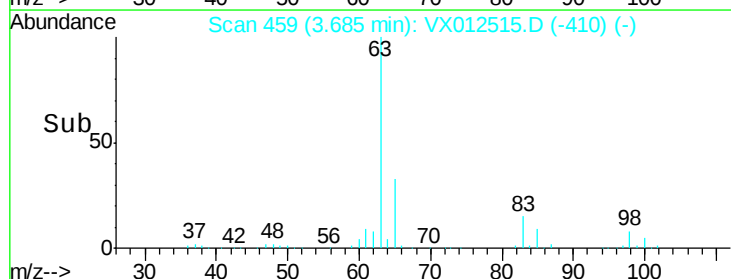
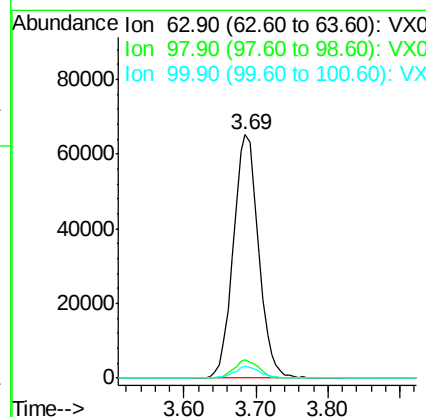
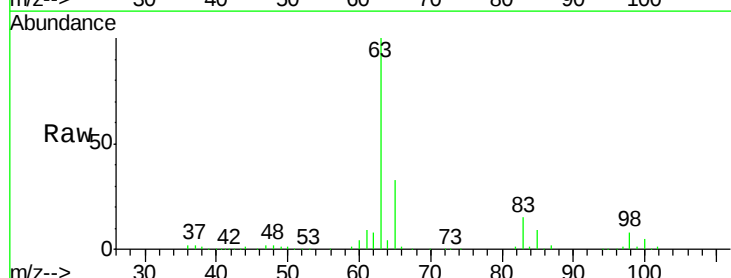
Tgt Ion: 63 Resp: 158995

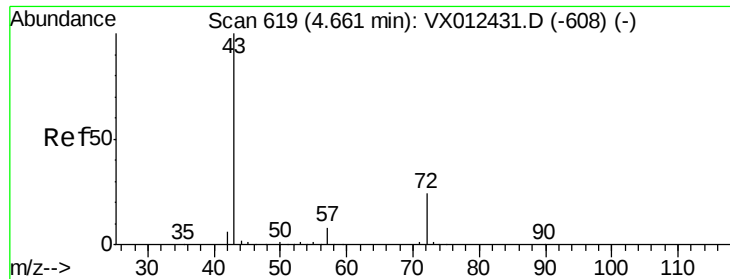
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.7

100 5.0 2.3 6.9





#25

2-Butanone

Concen: 233.381 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 424404

Ion Ratio Lower Upper

43 100

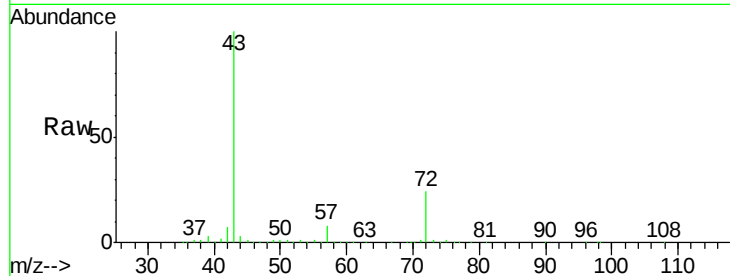
72 24.1 19.2 28.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

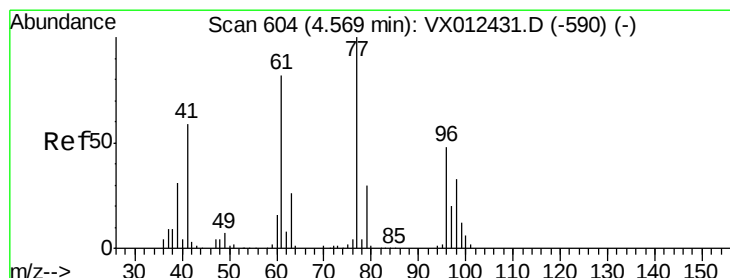
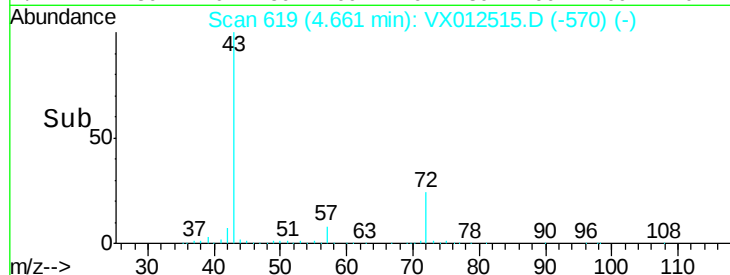
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 30.805 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012515.D

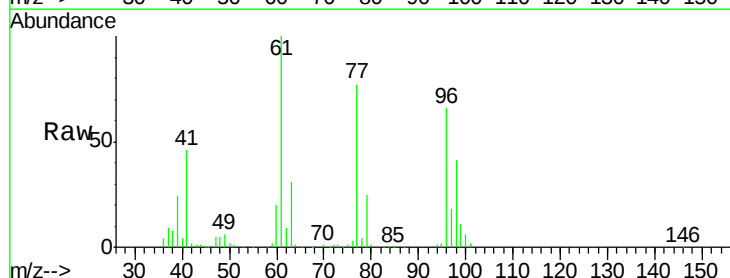
Acq: 19 Sep 2019 08:07

Tgt Ion: 77 Resp: 90871

Ion Ratio Lower Upper

77 100

97 23.2 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

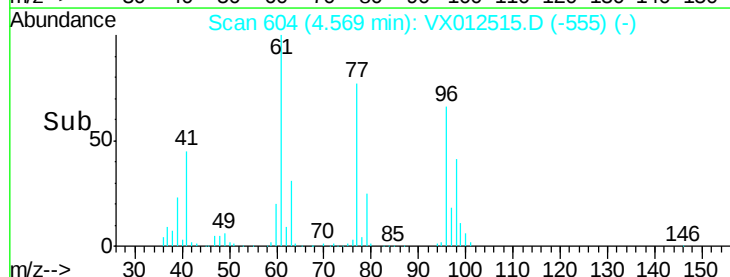
20000

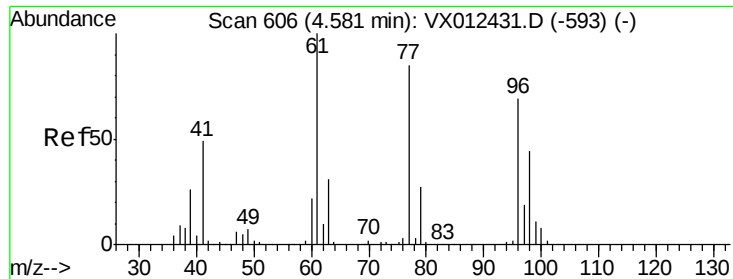
10000

0

4.50 4.60 4.70

Time-->





#27

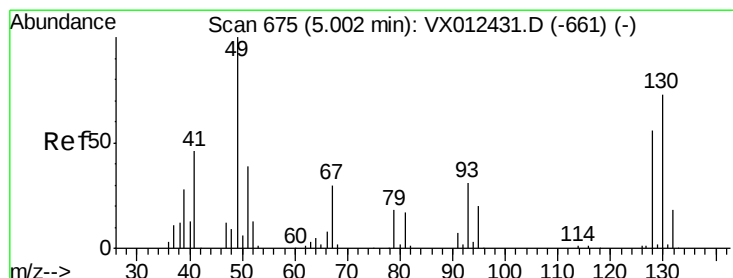
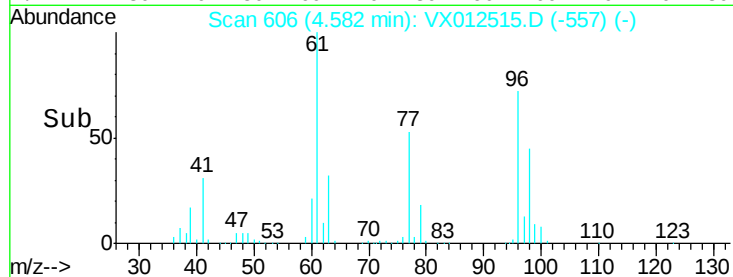
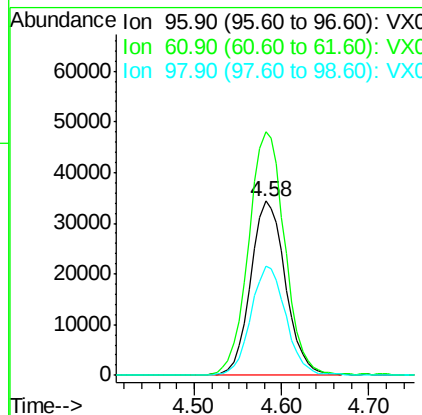
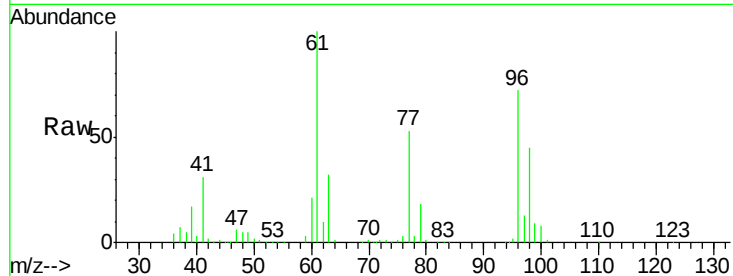
cis-1,2-Dichloroethene
 Concen: 53.544 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	319.4
98	63.0	0.0	130.6

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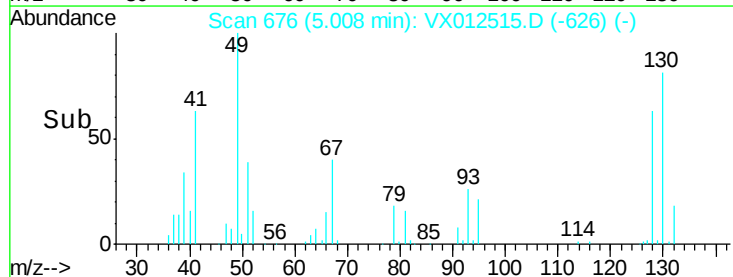
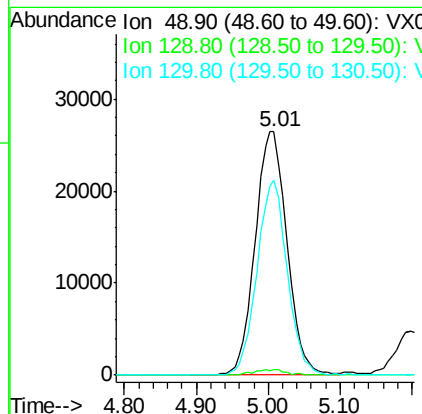
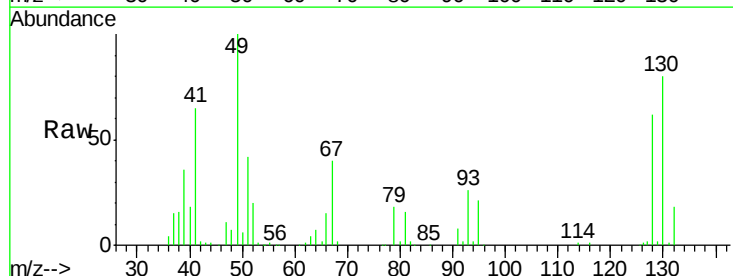
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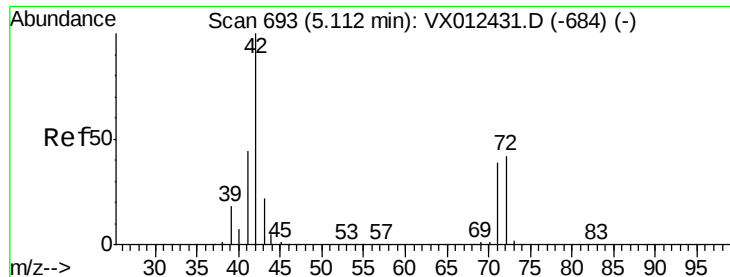


#28

Bromochloromethane
 Concen: 52.712 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	75.7	58.2	87.4





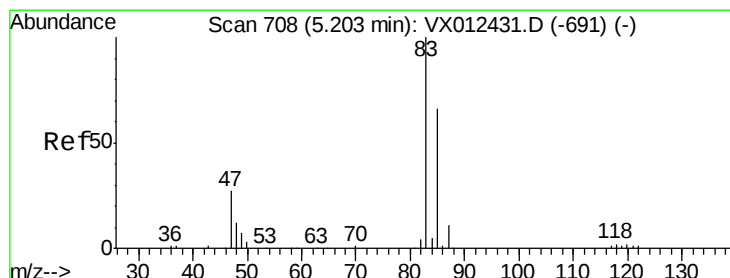
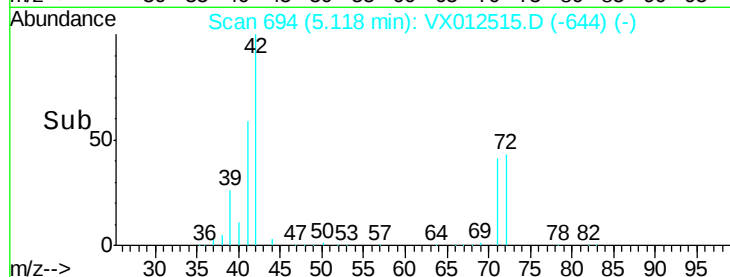
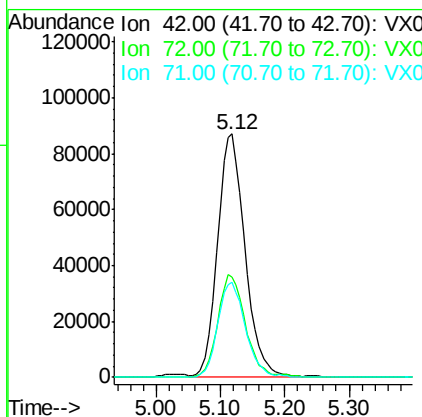
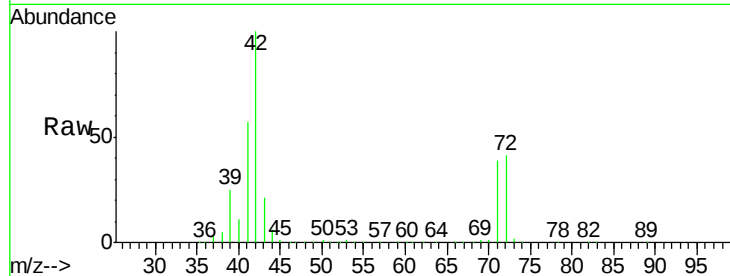
#29
Tetrahydrofuran
Concen: 259.127 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.0	51.0
71	39.7	31.5	47.3

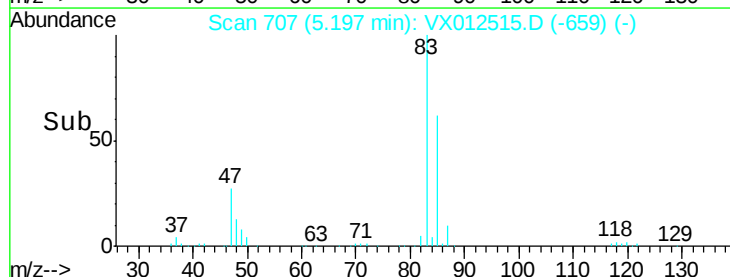
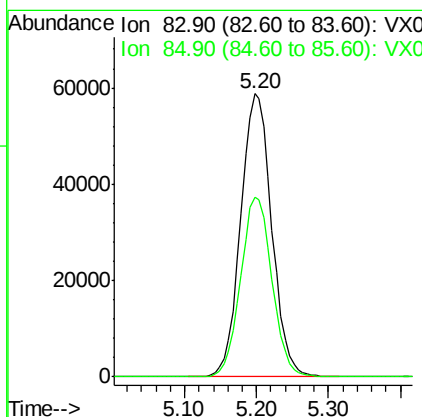
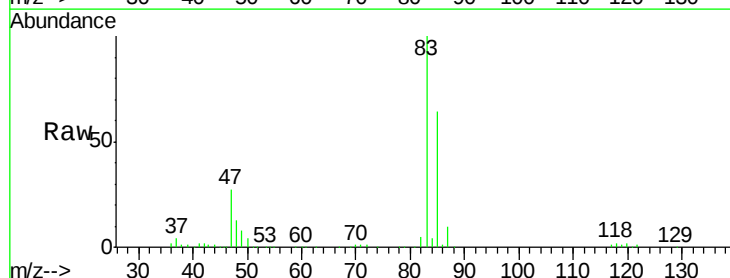
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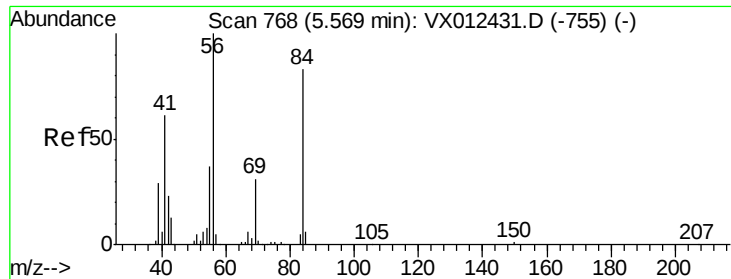
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#30
Chloroform
Concen: 51.021 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	53.0	79.4





#31

Cyclohexane

Concen: 51.627 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

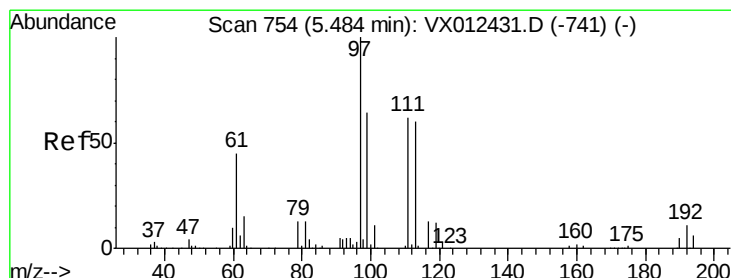
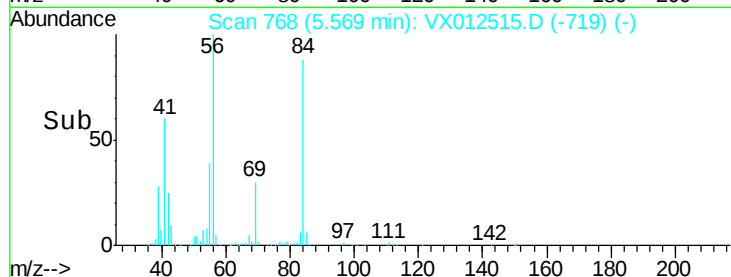
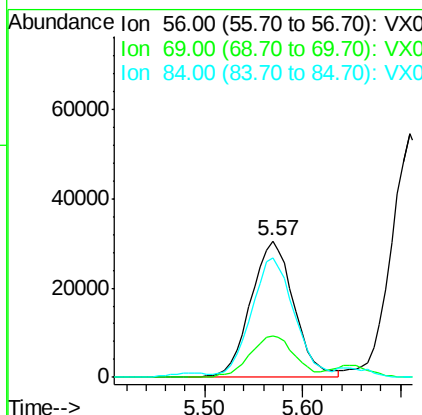
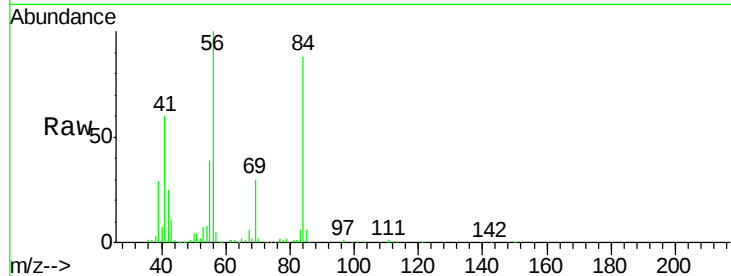
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	93479
Ion	Ratio	Lower	Upper
56	100		
69	29.7	25.0	37.6
84	84.7	66.4	99.6

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#32

1,1,1-Trichloroethane

Concen: 52.064 ug/l

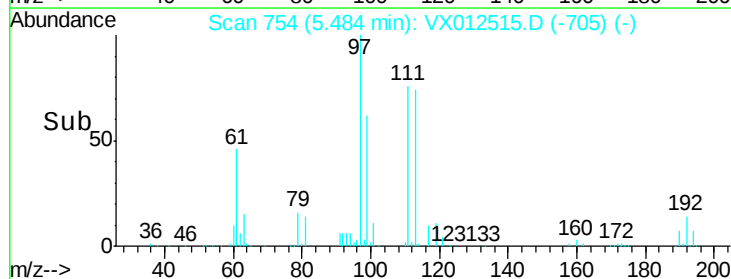
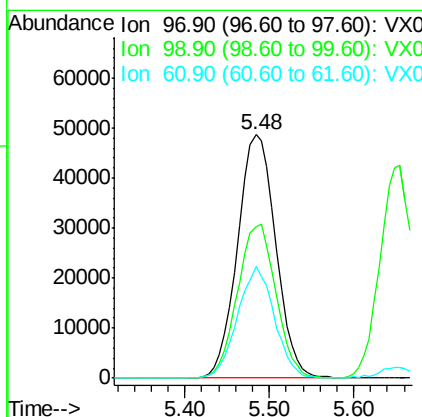
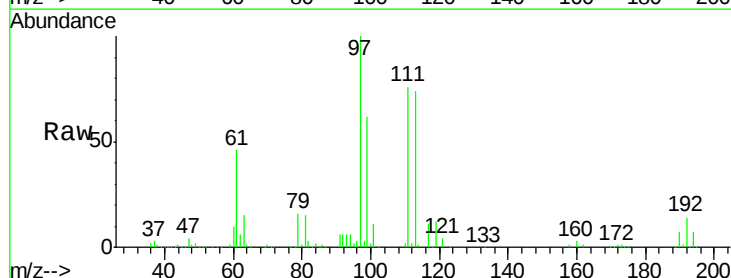
RT: 5.48 min Scan# 754

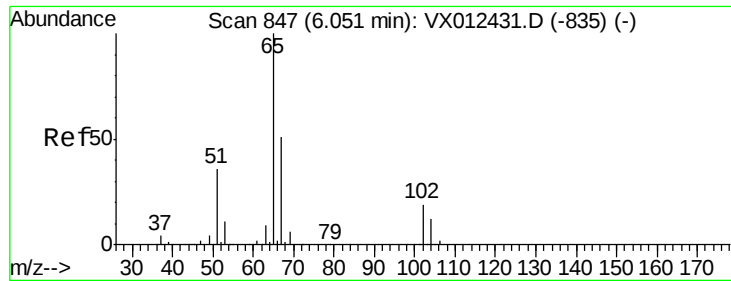
Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Tgt Ion:	97	Resp:	149900
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.3	76.9
61	44.3	36.1	54.1





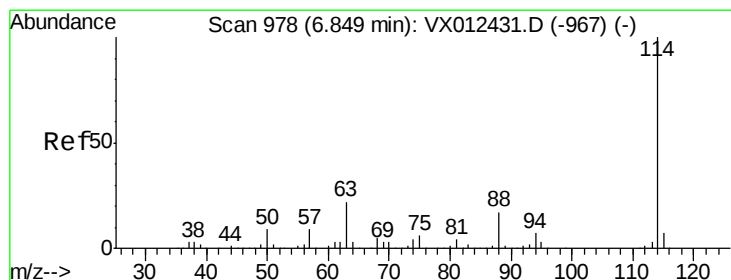
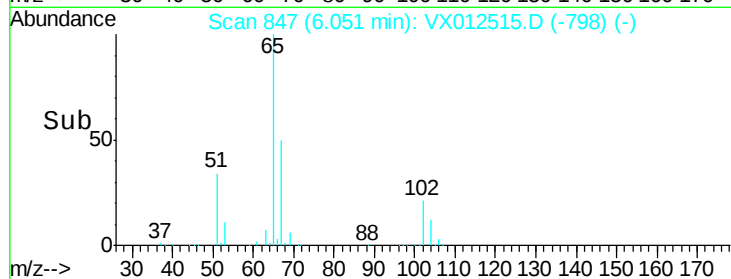
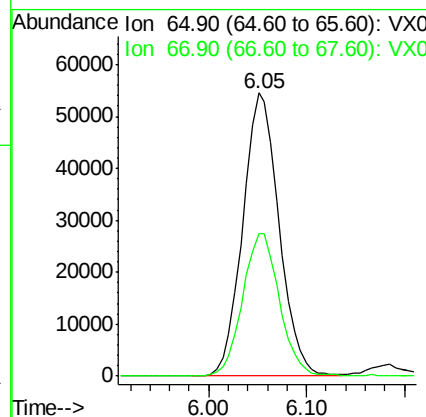
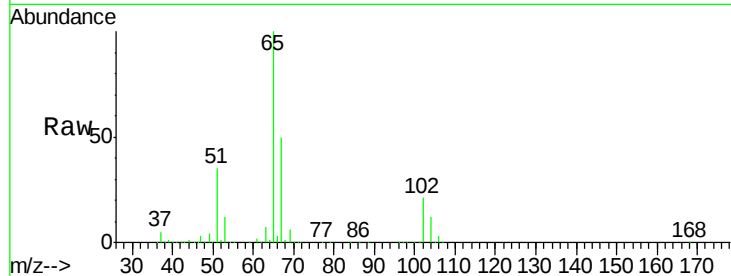
#33
 1,2-Dichloroethane-d4
 Concen: 53.494 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	101.2

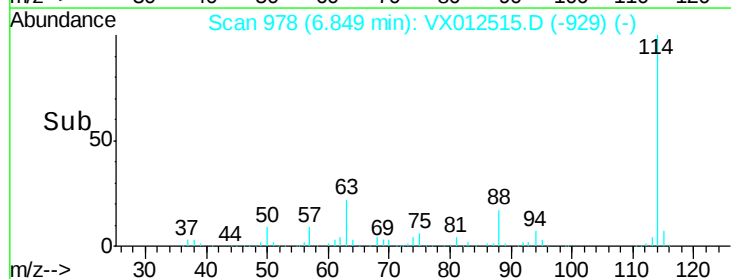
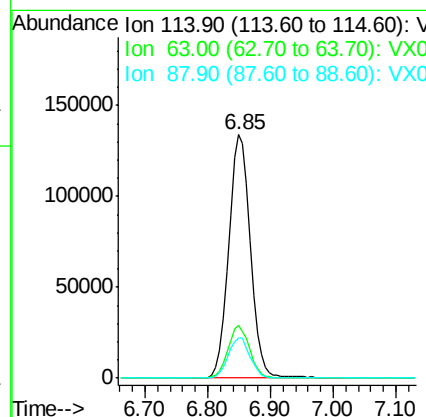
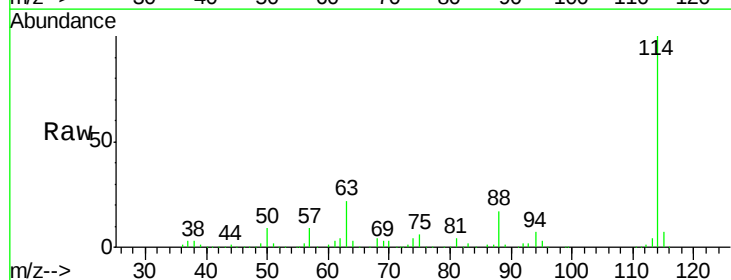
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.2
88	16.7	0.0	33.2





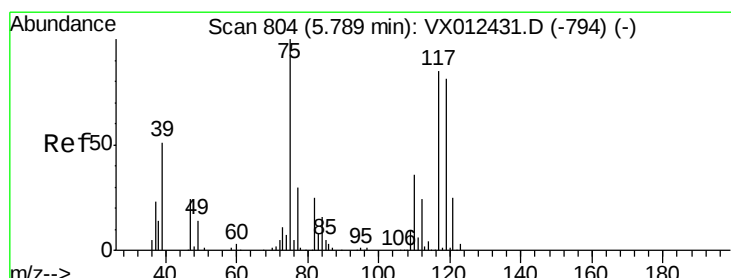
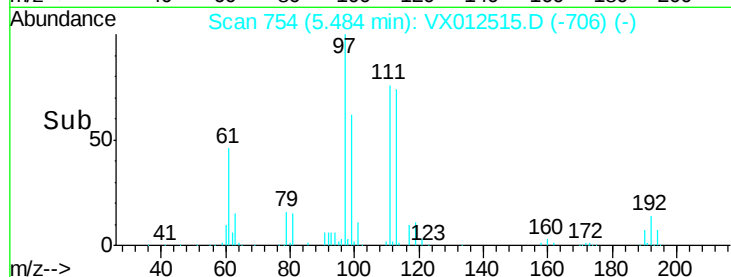
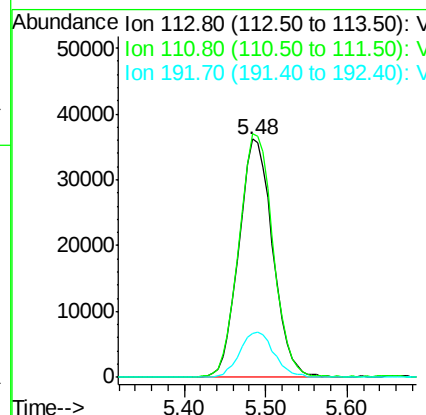
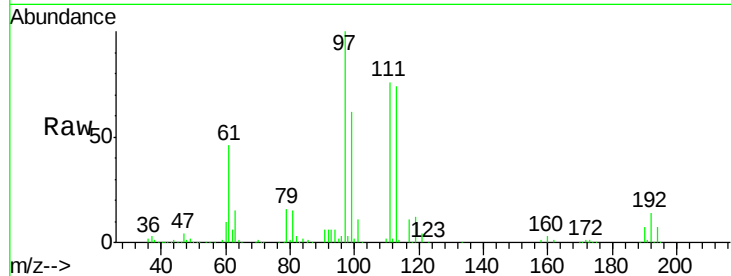
#35
 Dibromofluoromethane
 Concen: 53.685 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	104221		
111	103.0	83.4	125.2	
192	19.4	14.4	21.6	

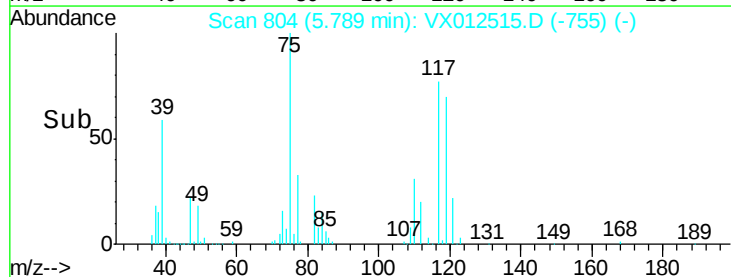
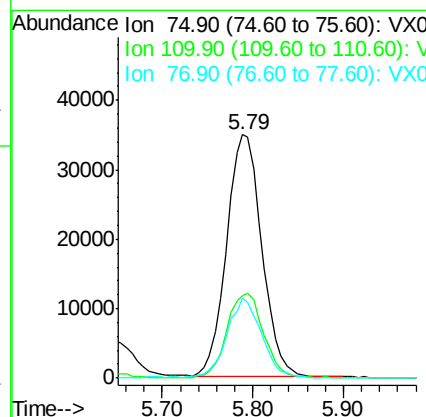
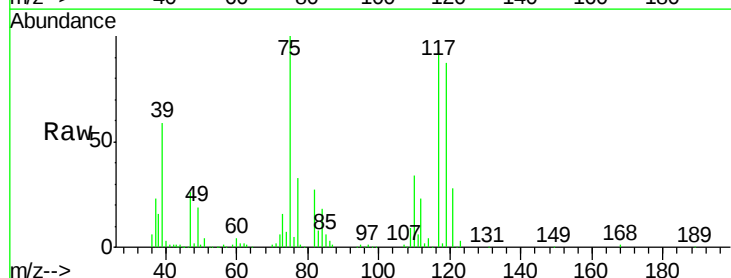
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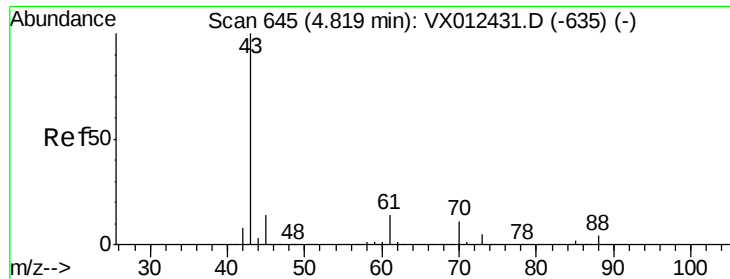
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#36
 1,1-Dichloropropene
 Concen: 48.448 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	94442		
110	36.4	16.7	50.0	
77	32.4	24.2	36.2	





#37

Ethyl Acetate

Concen: 51.388 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

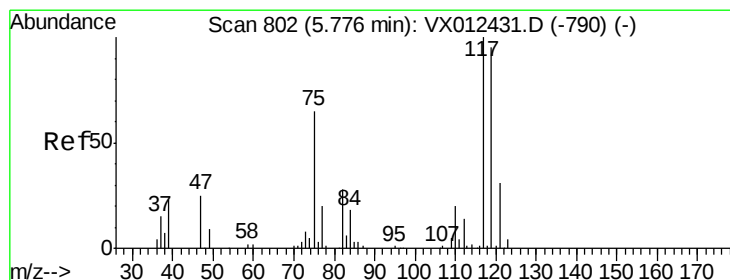
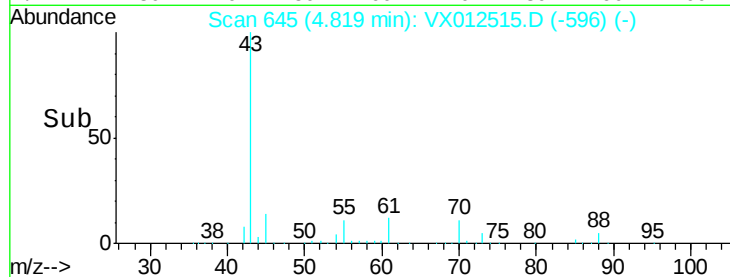
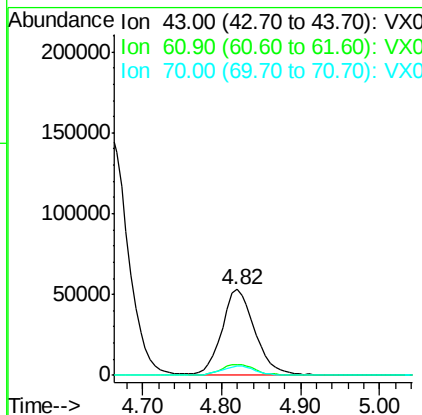
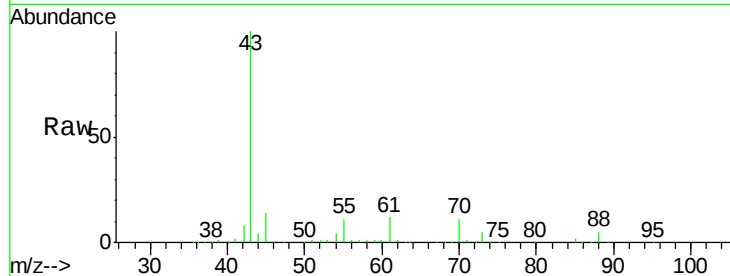
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	153765
Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.2	15.4
70	11.4	8.7	13.1

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#38

Carbon Tetrachloride

Concen: 50.137 ug/l

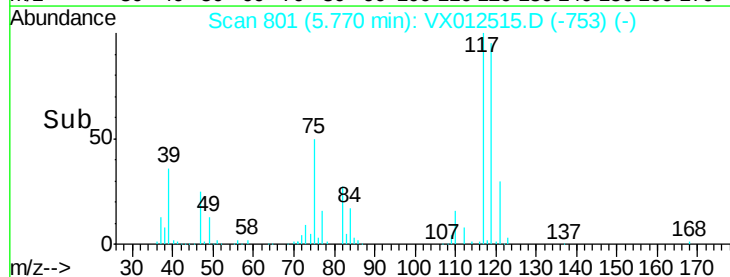
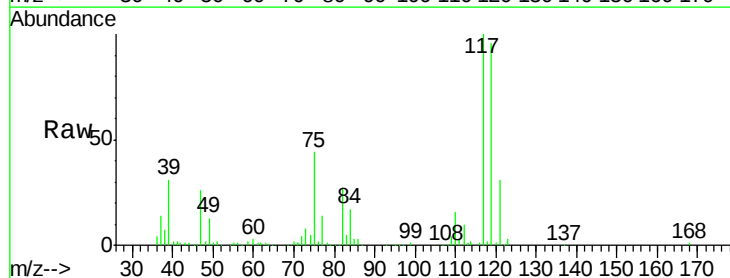
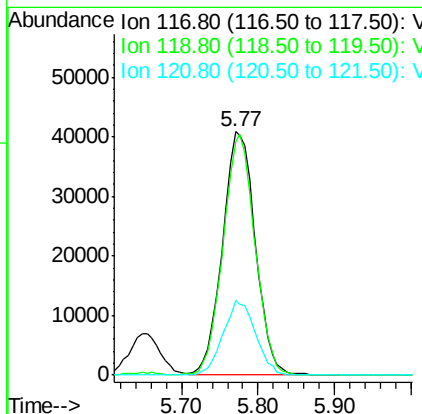
RT: 5.77 min Scan# 801

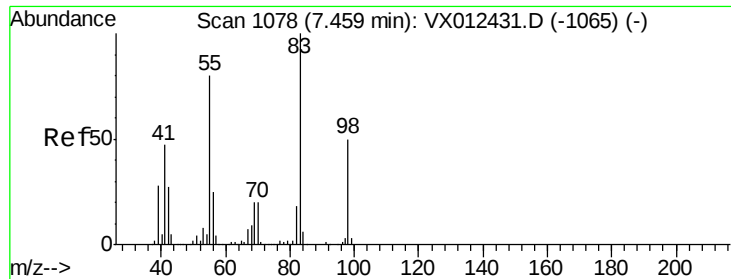
Delta R.T. -0.01 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Tgt Ion:	117	Resp:	121555
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.7	113.5
121	30.8	24.2	36.4





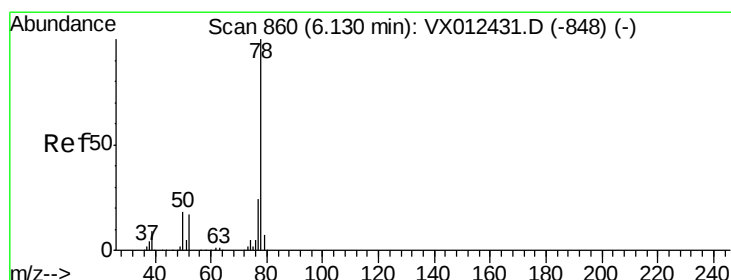
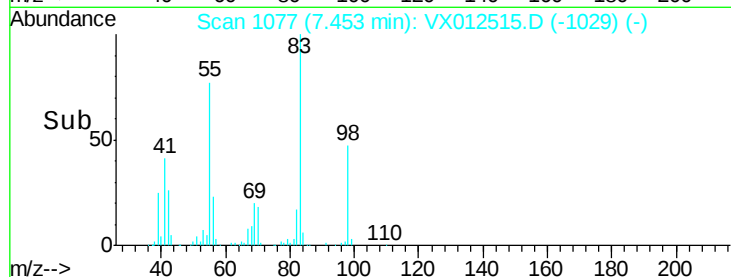
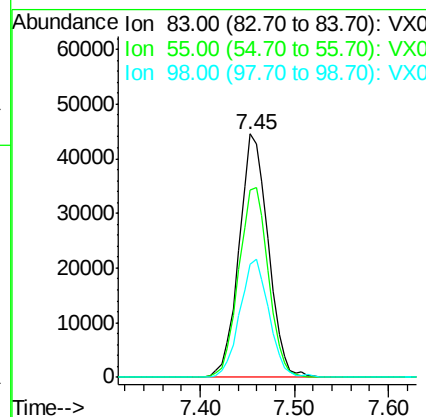
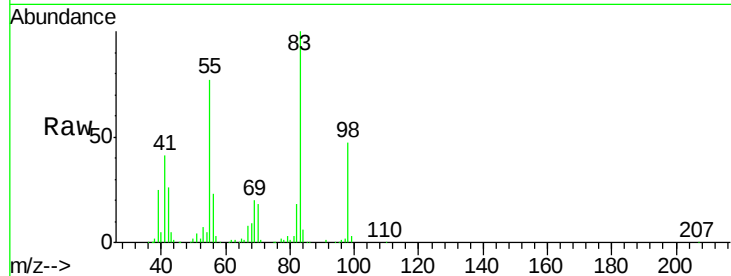
#39
Methylvlcyclohexane
Concen: 50.374 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	64.4	96.6
98	46.7	40.1	60.1

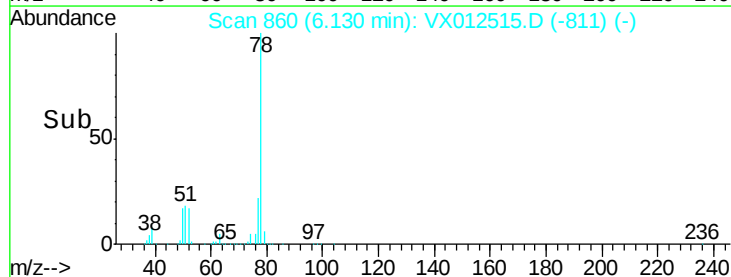
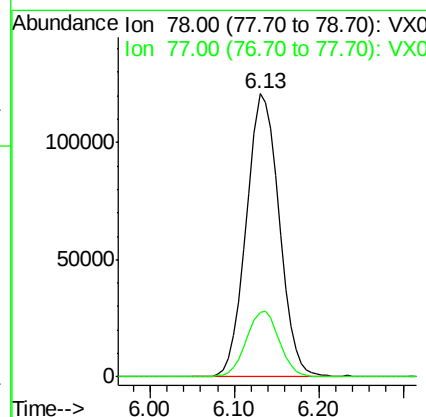
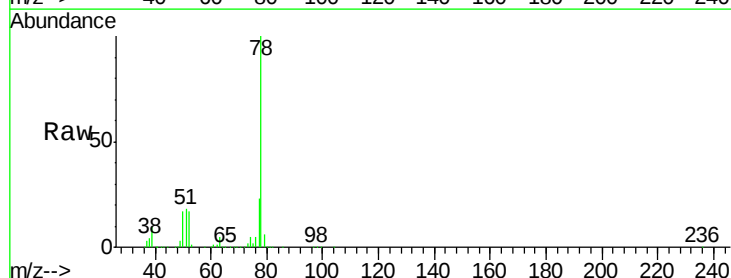
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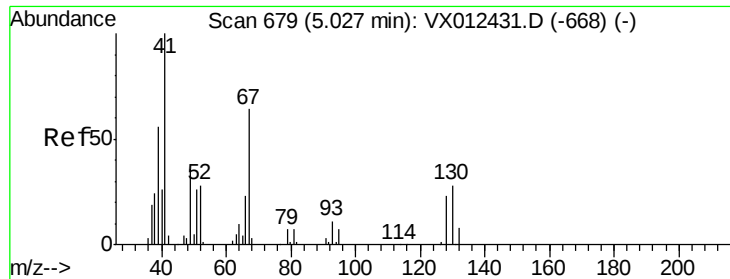
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#40
Benzene
Concen: 51.505 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.2	28.8





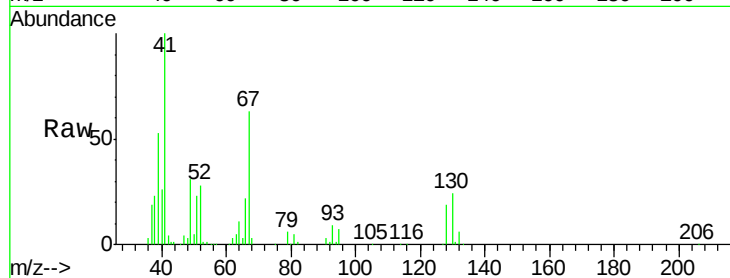
#41
Methacrylonitrile
Concen: 47.178 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

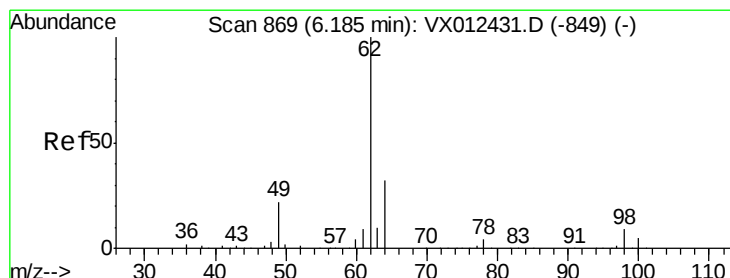
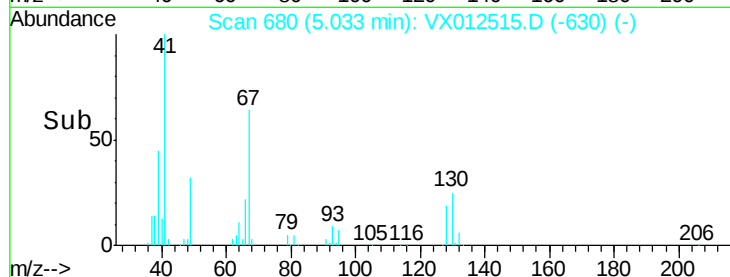
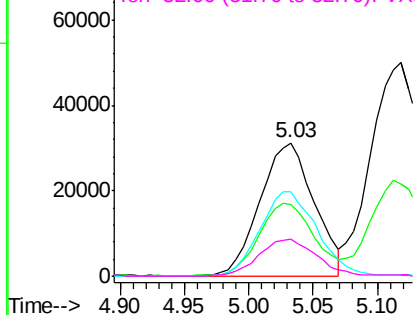
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		90897		
39	55.3	46.0	69.0		
67	67.3	52.2	78.2		
52	29.3	22.7	34.1		

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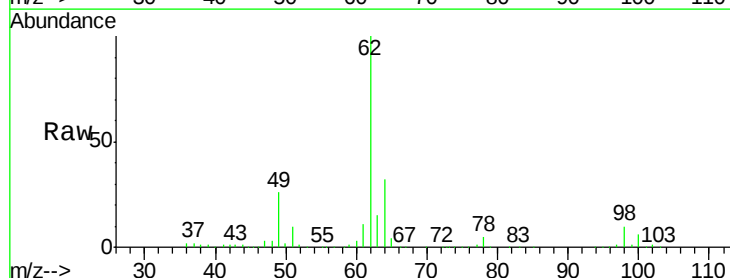


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

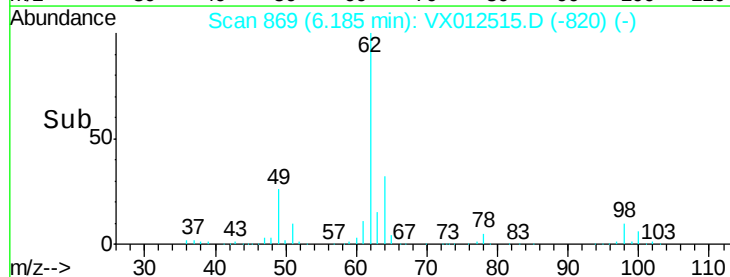
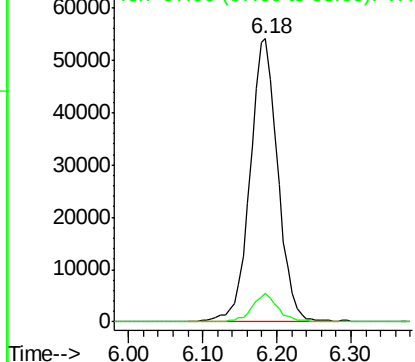


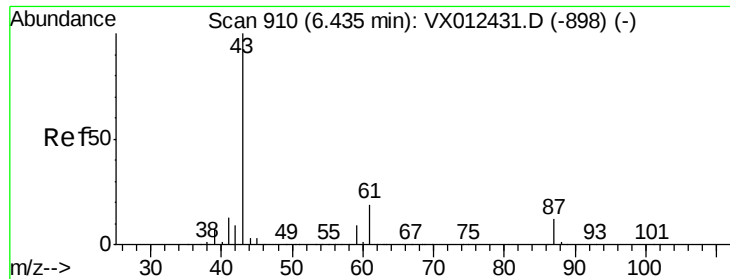
#42
1,2-Dichloroethane
Concen: 49.103 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		141177		
98	9.3	0.0	17.8		



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





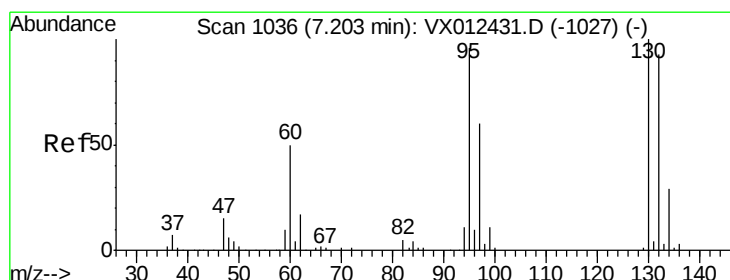
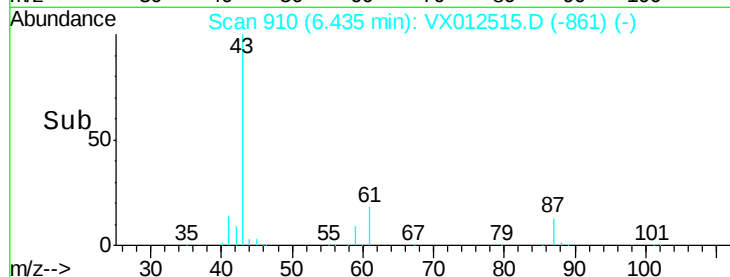
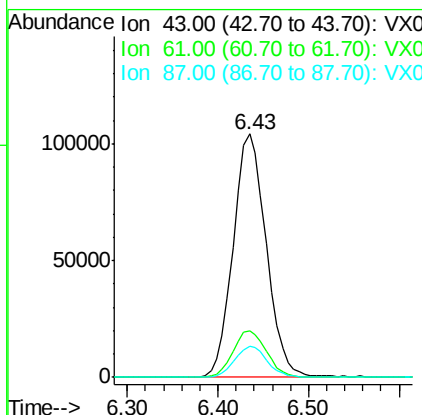
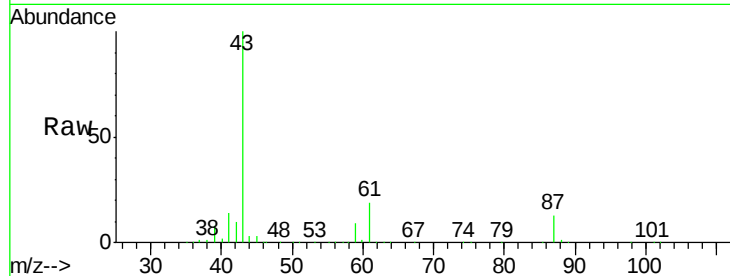
#43
Isopropyl Acetate
Concen: 48.977 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.4	23.0
87	12.6	9.8	14.8

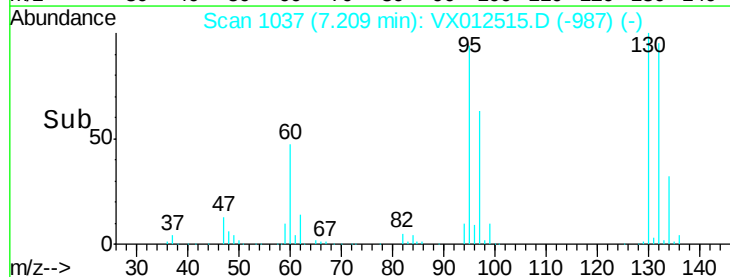
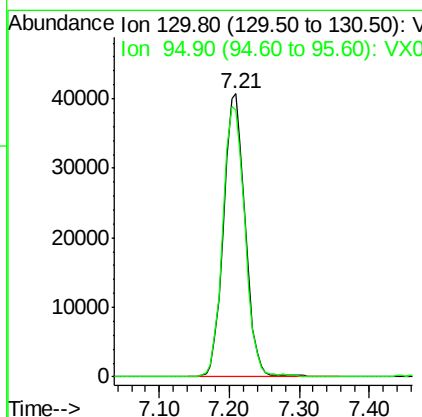
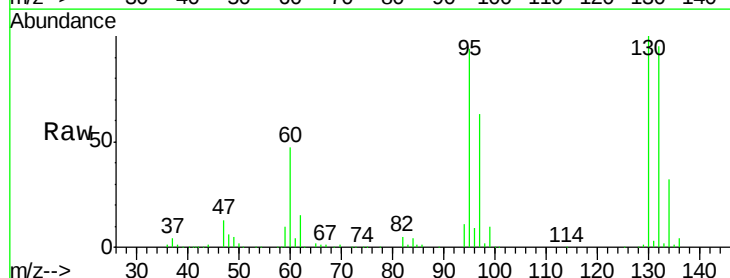
Manual Integrations
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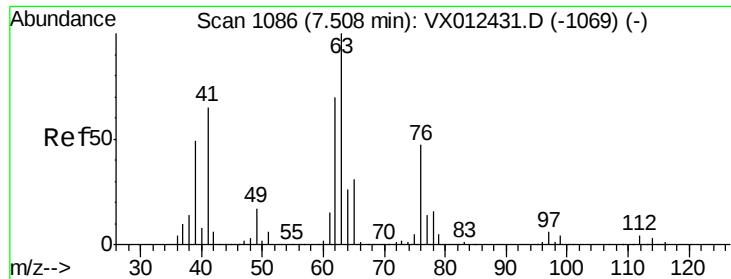
MMDadoda
9/19/2019 1:07:37 PM



#44
Trichloroethene
Concen: 53.608 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	193.0





#45

1,2-Dichloropropane

Concen: 49.983 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 95189

Ion Ratio Lower Upper

63 100

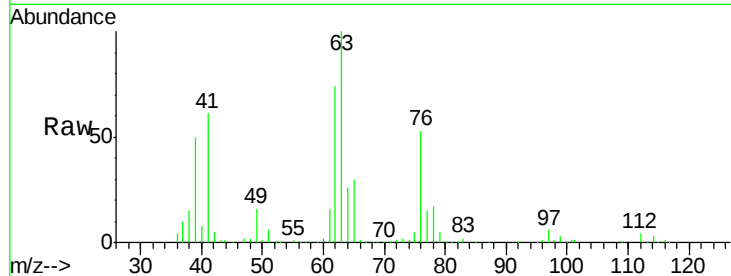
65 29.6 25.0 37.6

Manual Integrations

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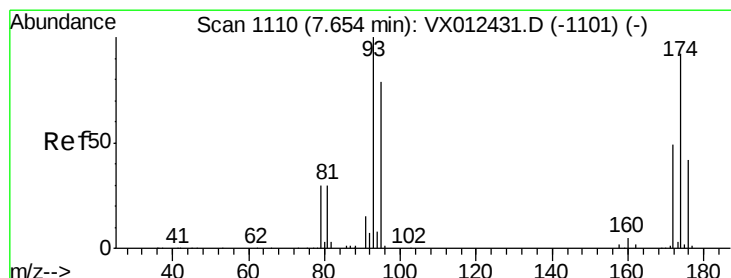
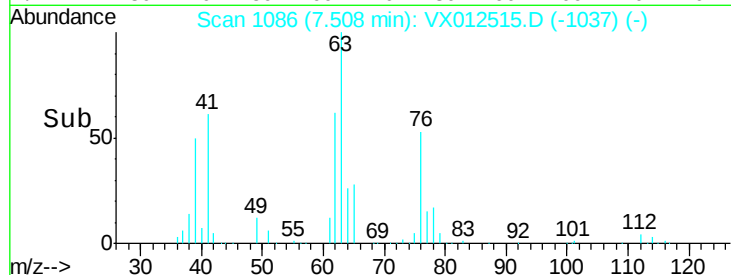
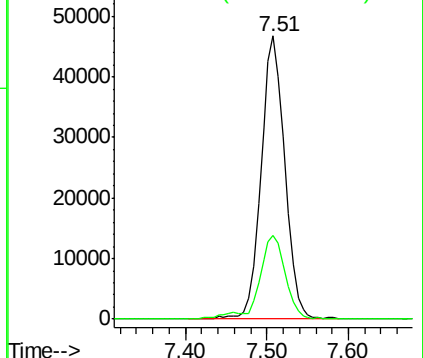
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.848 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

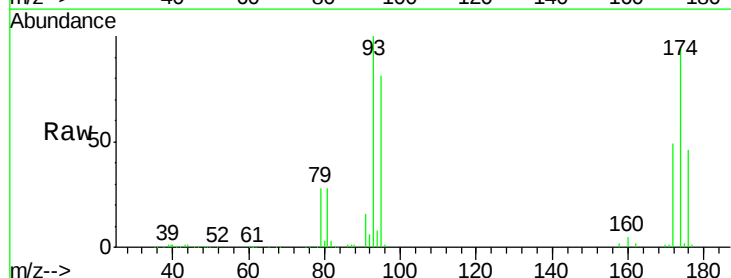
Tgt Ion: 93 Resp: 62665

Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

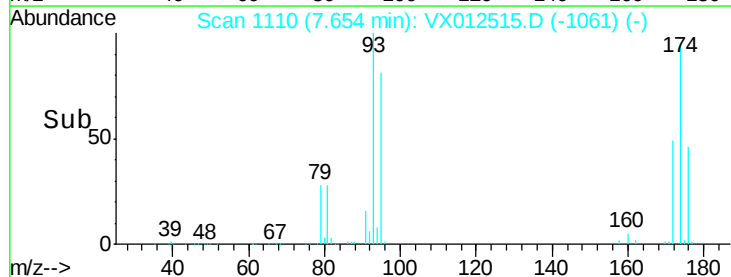
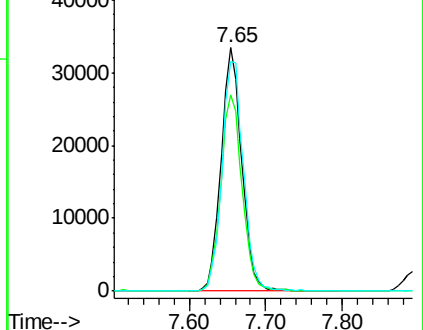
174 97.1 77.4 116.0

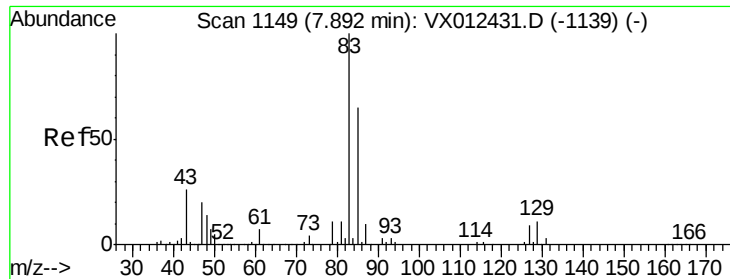


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.157 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 140378

Ion Ratio Lower Upper

83 100

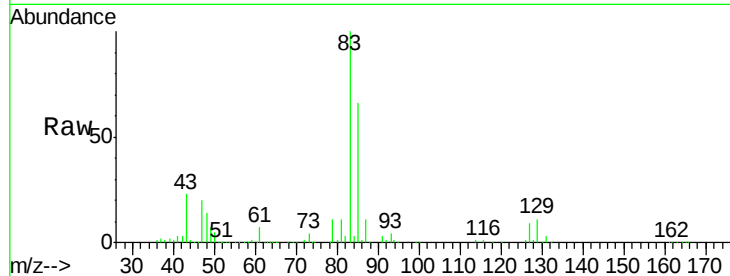
85 66.3 51.8 77.6

127 8.8 7.3 10.9

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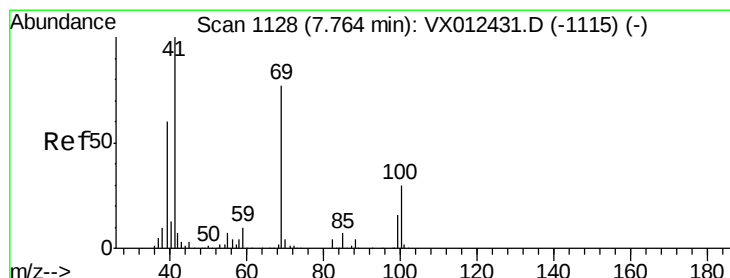
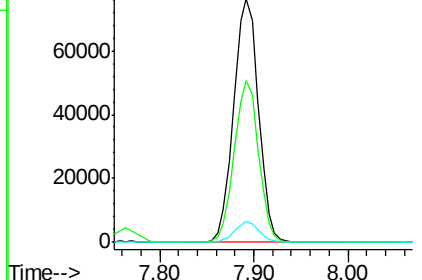
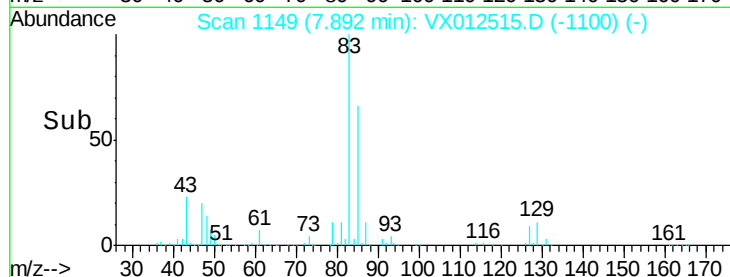
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.819 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

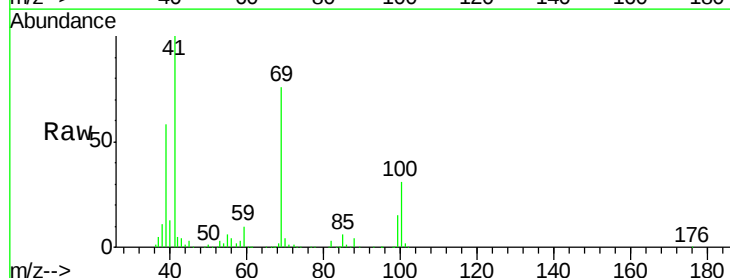
Tgt Ion: 41 Resp: 126121

Ion Ratio Lower Upper

41 100

69 77.0 59.9 89.9

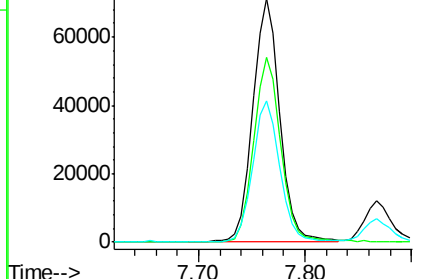
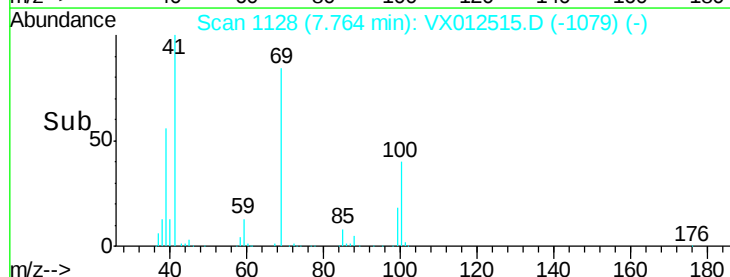
39 58.4 47.8 71.6

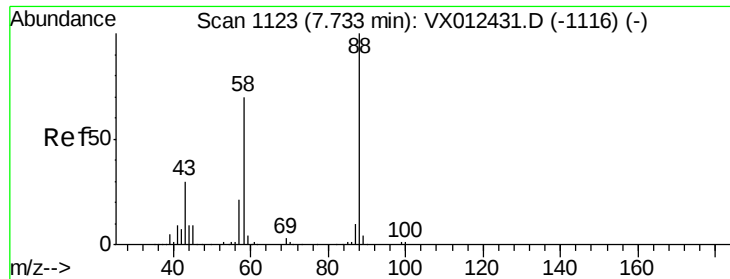


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





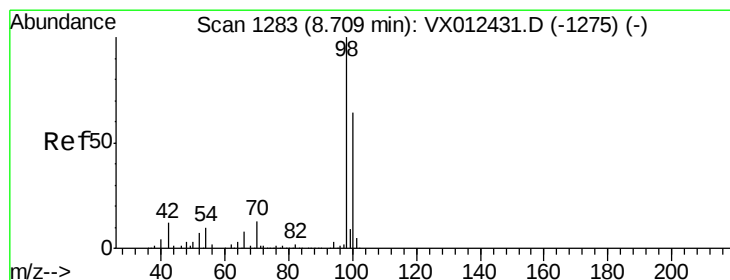
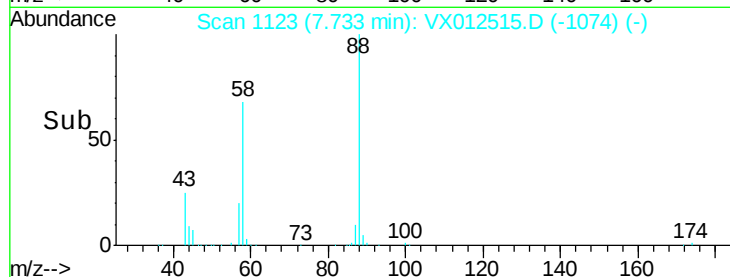
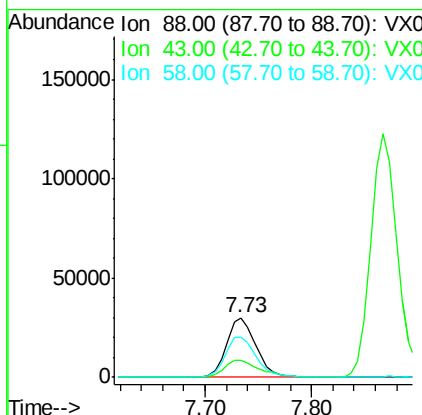
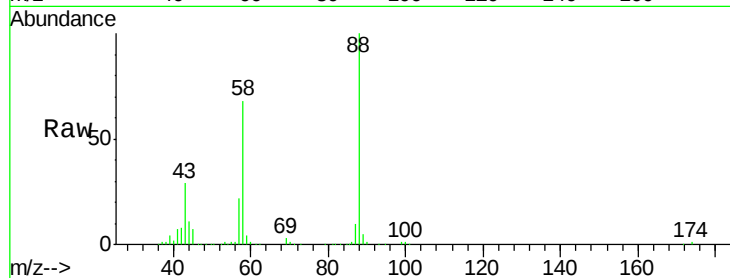
#49
1,4-Dioxane
Concen: 944.886 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	29.4	44.0
58	72.2	57.5	86.3

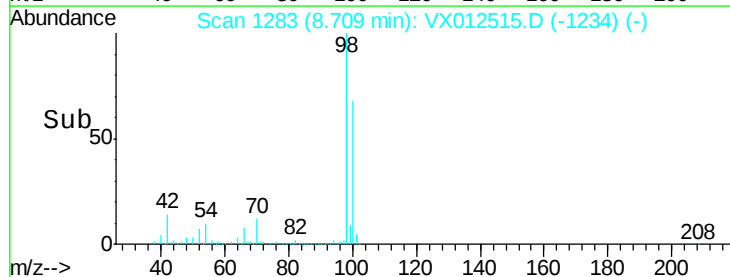
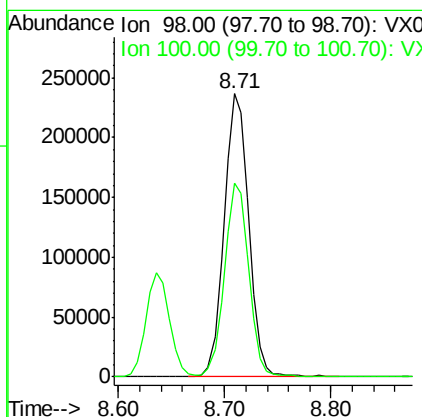
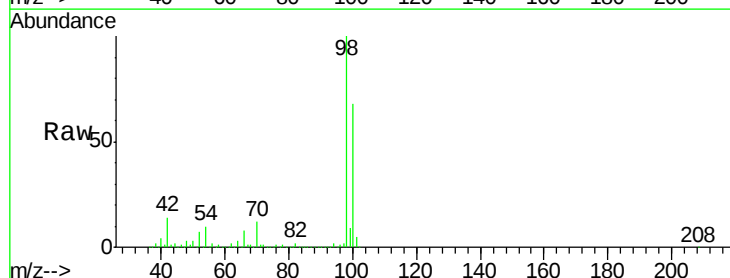
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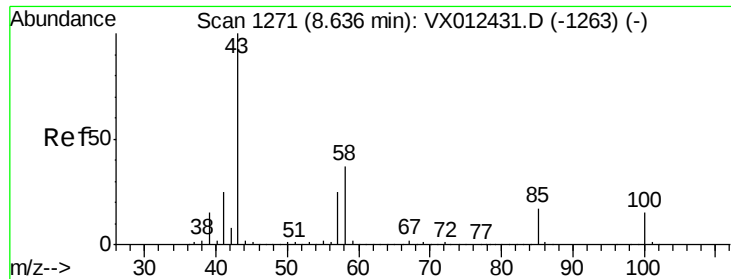
MMDadoda
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#50
Toluene-d8
Concen: 53.255 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.0	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 245.160 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 863438

Ion Ratio Lower Upper

43 100

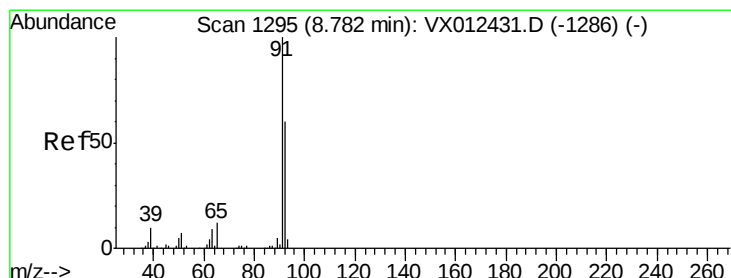
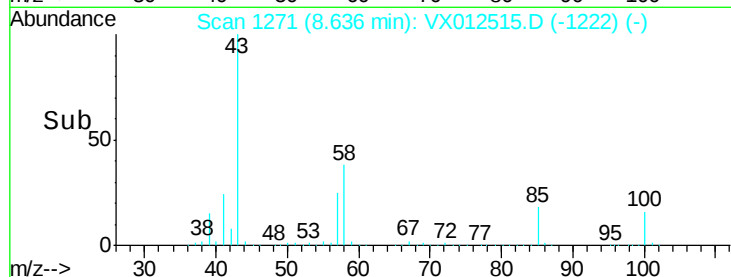
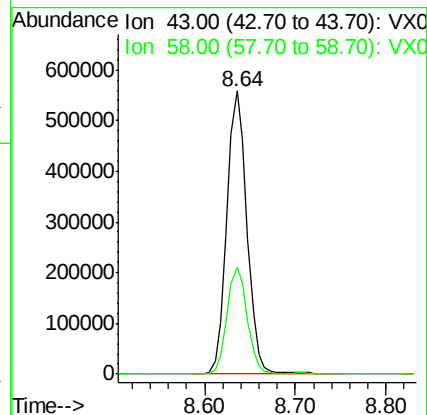
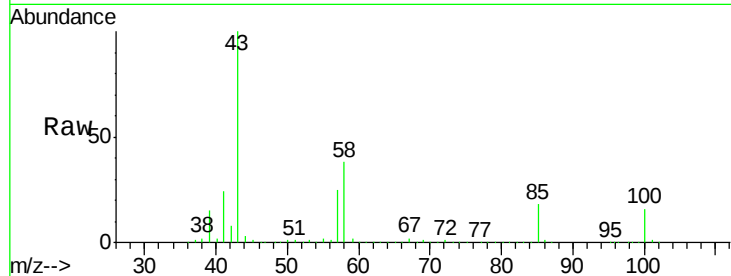
58 37.9 29.8 44.6

Manual Integrations

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#52

Toluene

Concen: 51.636 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012515.D

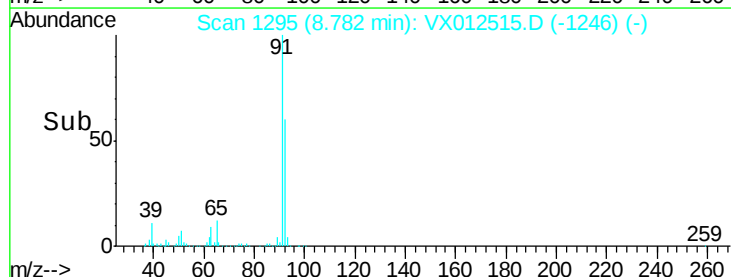
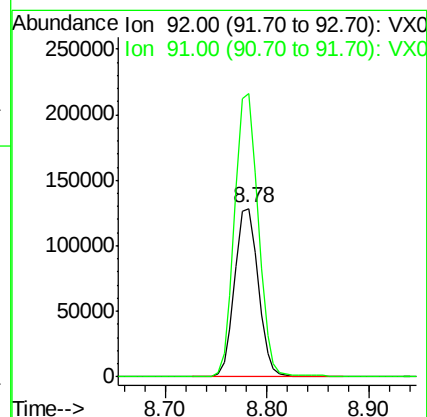
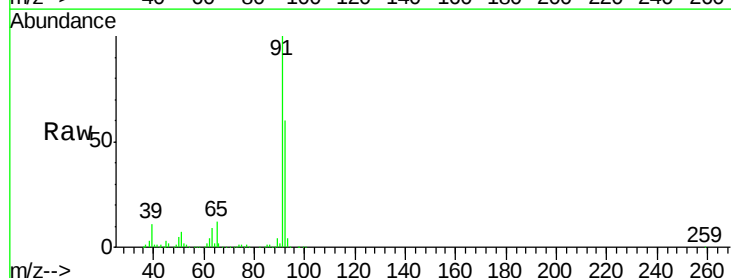
Acq: 19 Sep 2019 08:07

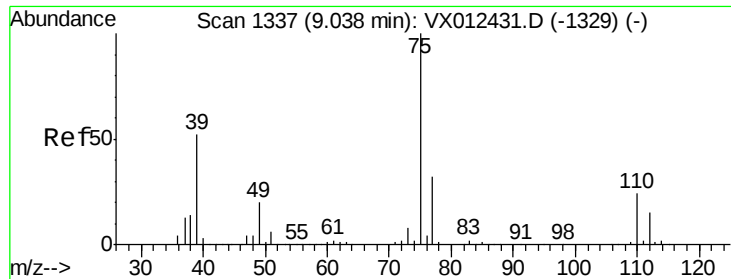
Tgt Ion: 92 Resp: 206252

Ion Ratio Lower Upper

92 100

91 168.6 135.4 203.0





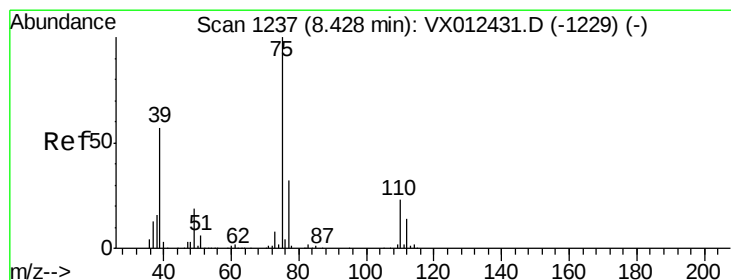
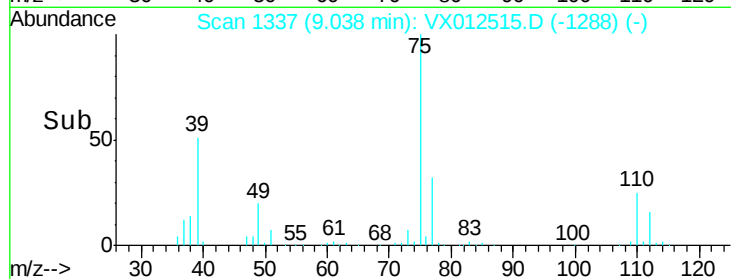
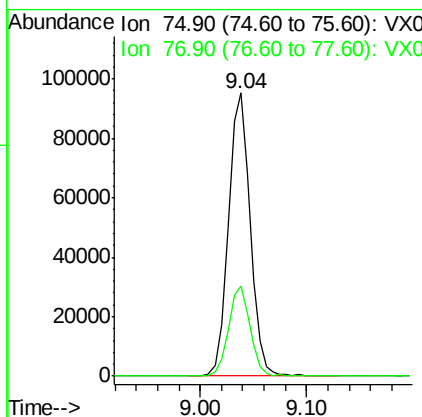
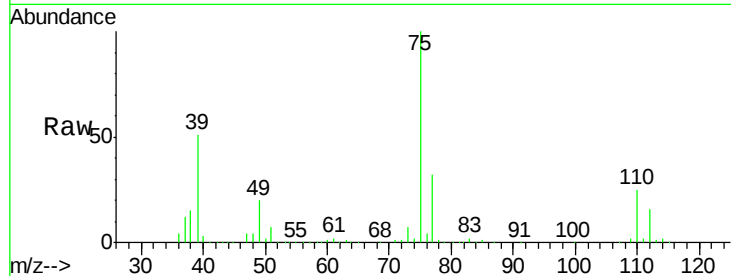
#53
 t-1,3-Dichloropropene
 Concen: 47.821 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 75 Resp: 136407
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.2 37.8

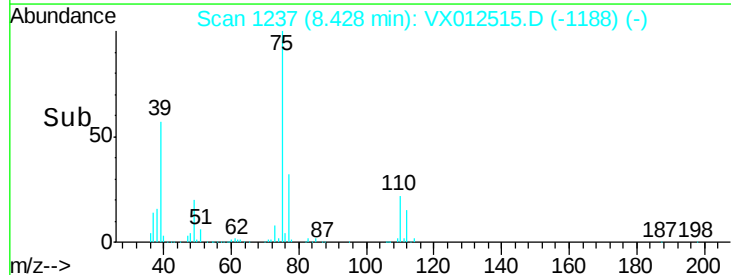
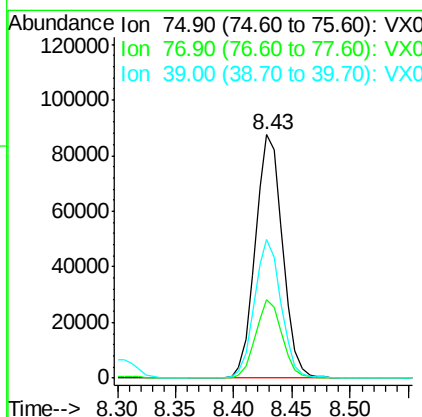
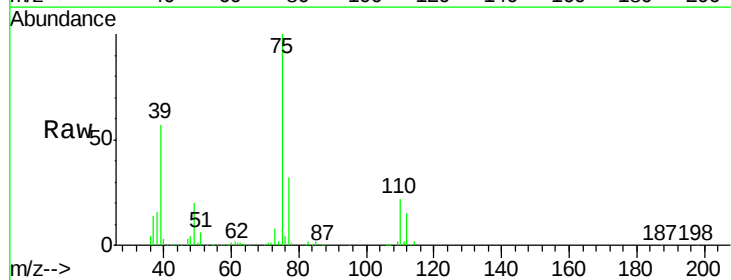
Manual Integrations
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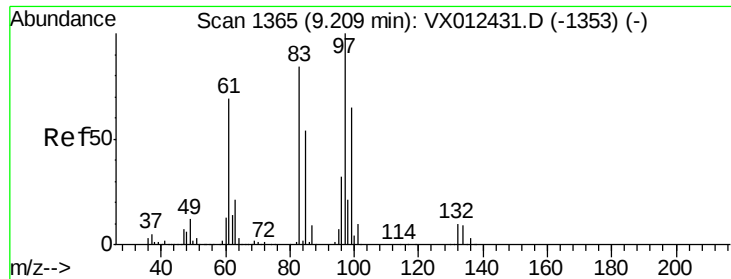
MMDadoda
 9/19/2019 1:07:37 PM



#54
 cis-1,3-Dichloropropene
 Concen: 48.430 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Tgt Ion: 75 Resp: 143018
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.8 38.8
 39 56.8 45.5 68.3





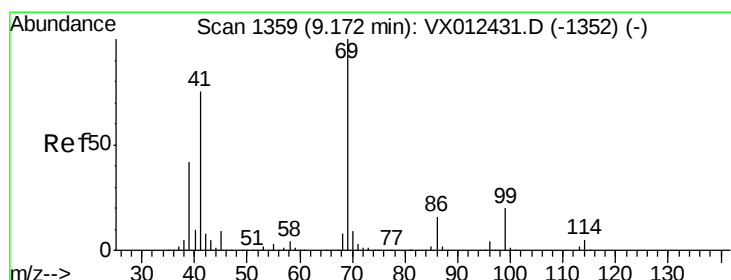
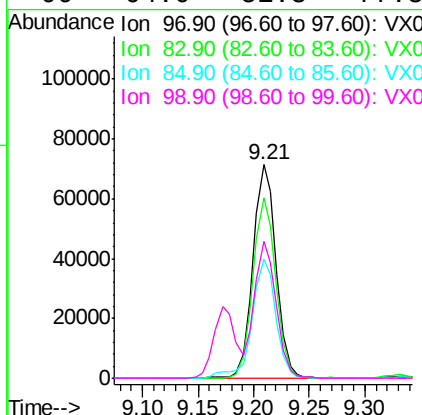
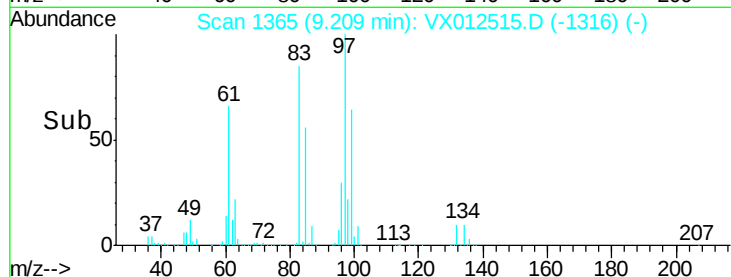
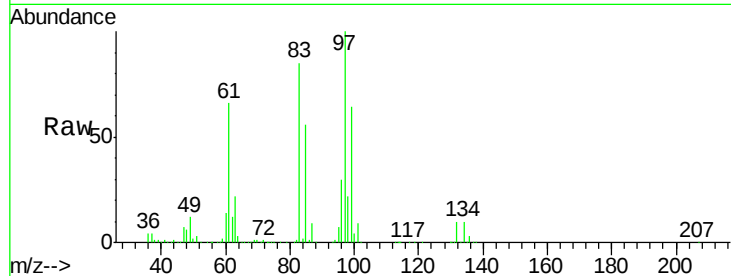
#55
 1,1,2-Trichloroethane
 Concen: 50.307 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	103525
Ion Ratio	Lower	Upper	
97	100		
83	84.6	67.4	101.2
85	55.7	43.5	65.3
99	64.0	51.8	77.8

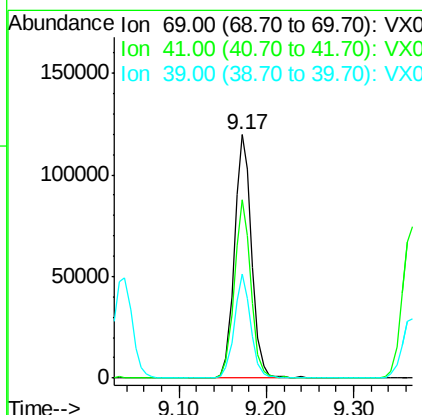
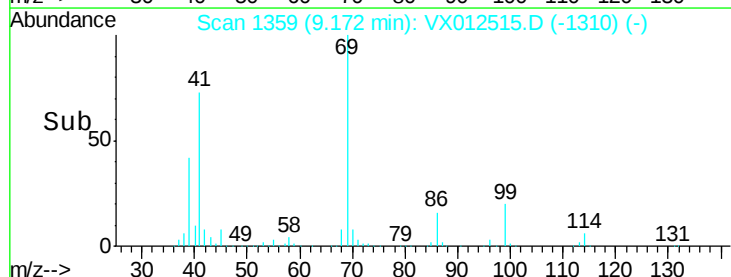
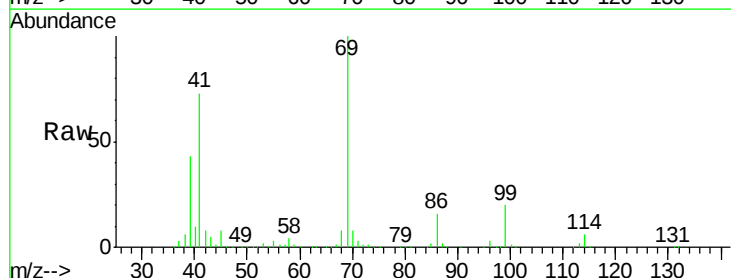
Manual Integrations
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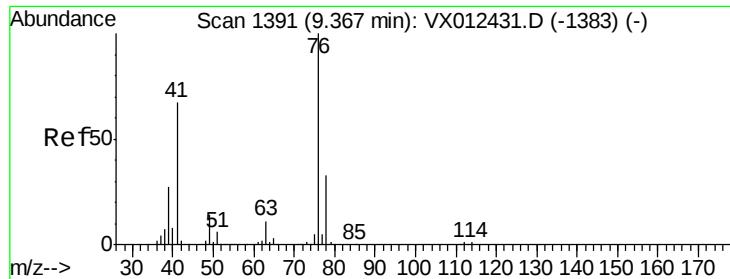
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#56
 Ethyl methacrylate
 Concen: 51.263 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Tgt Ion:	69	Resp:	164936
Ion Ratio	Lower	Upper	
69	100		
41	70.8	58.4	87.6
39	40.5	33.4	50.0





#57

1,3-Dichloropropane

Concen: 50.503 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 165820

Ion Ratio Lower Upper

76 100

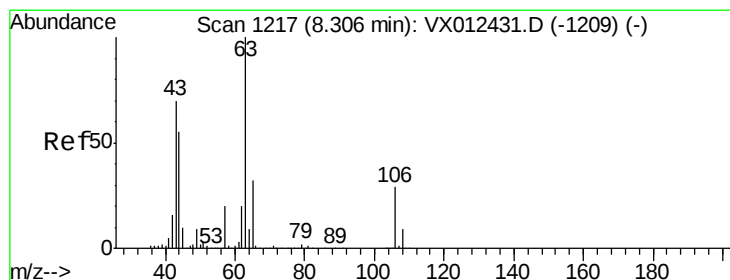
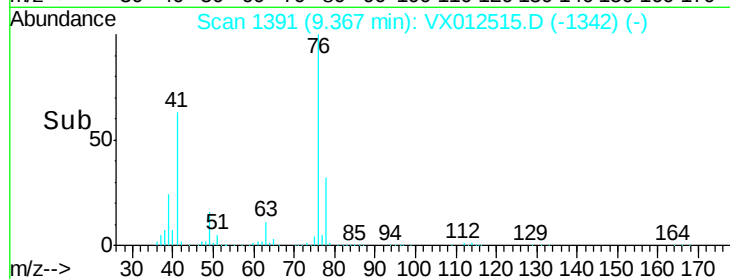
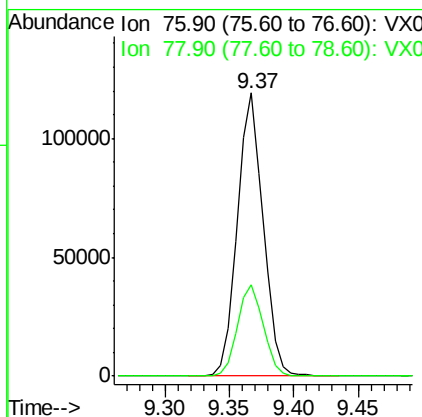
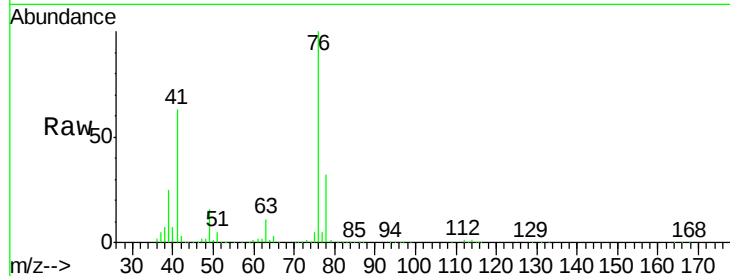
78 32.4 26.2 39.2

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 264.363 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012515.D

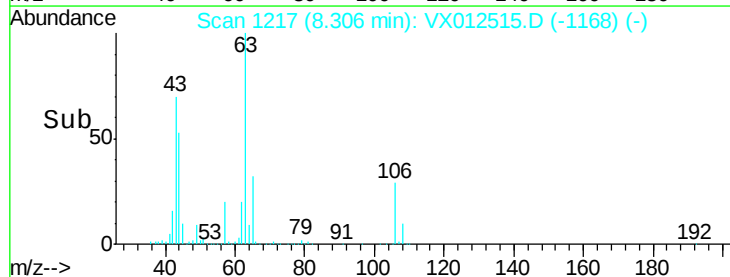
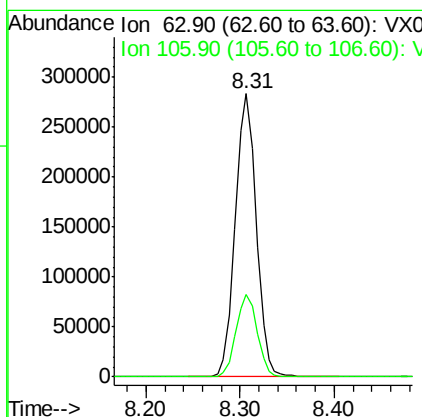
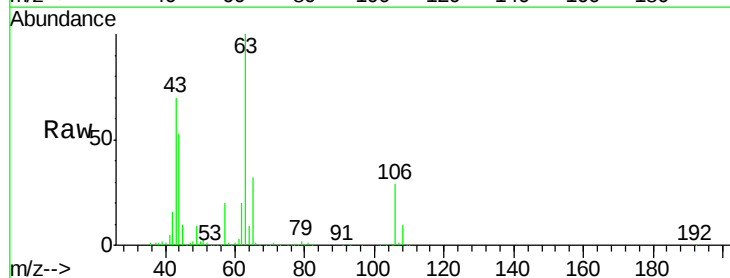
Acq: 19 Sep 2019 08:07

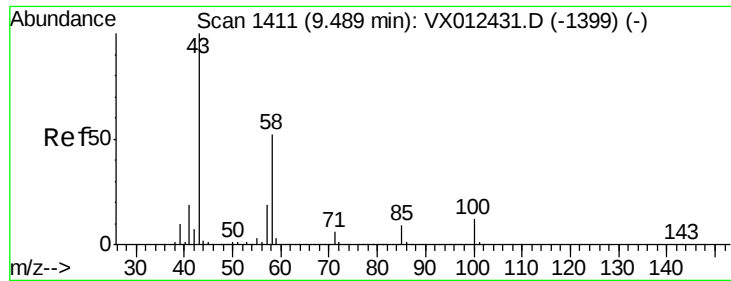
Tgt Ion: 63 Resp: 440291

Ion Ratio Lower Upper

63 100

106 29.3 23.8 35.6





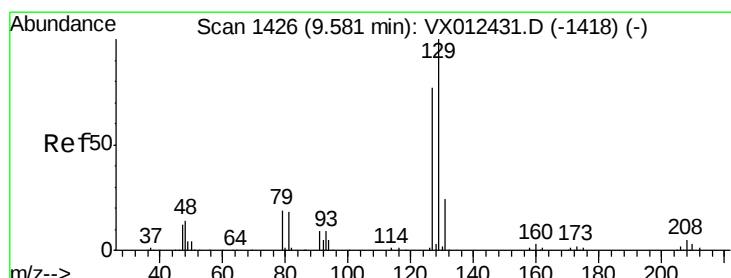
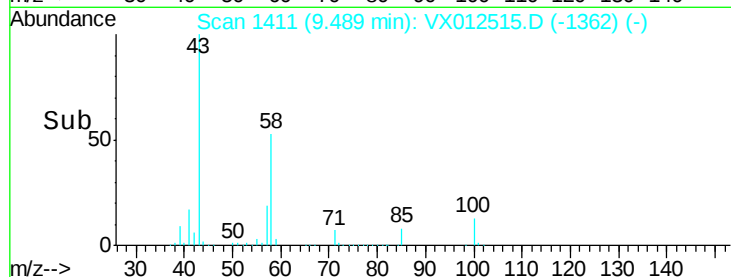
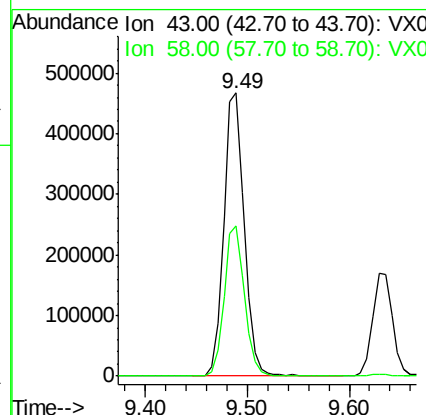
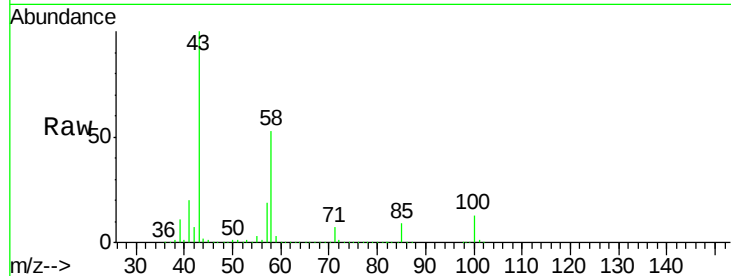
#59
2-Hexanone
Concen: 239.146 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 657102
Ion Ratio Lower Upper
43 100
58 52.7 25.7 77.1

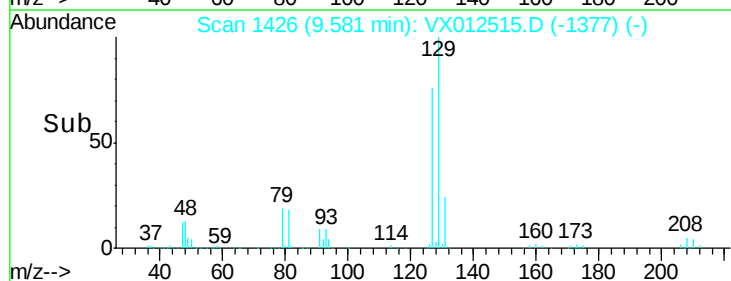
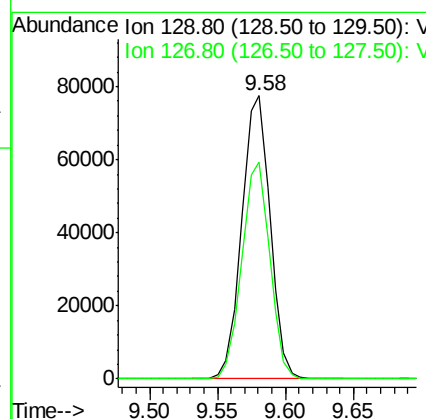
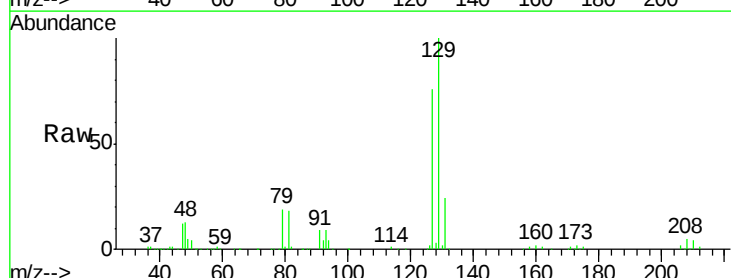
Manual Integrations
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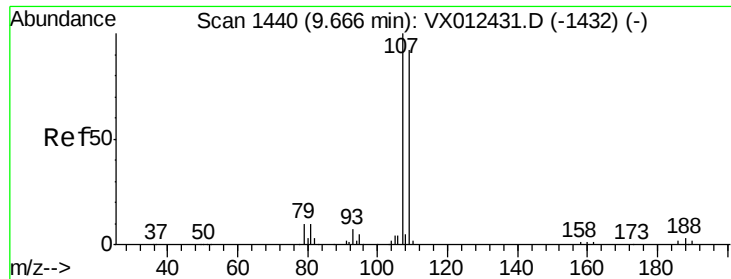
MMDadoda
9/19/2019 1:07:37 PM



#60
Dibromochloromethane
Concen: 53.832 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion: 129 Resp: 112840
Ion Ratio Lower Upper
129 100
127 75.4 38.9 116.6





#61

1,2-Dibromoethane

Concen: 52.926 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 99471

Ion Ratio Lower Upper

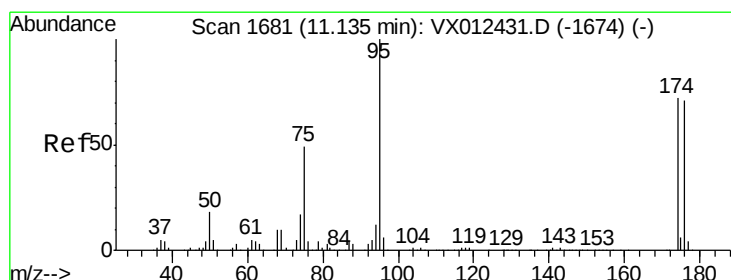
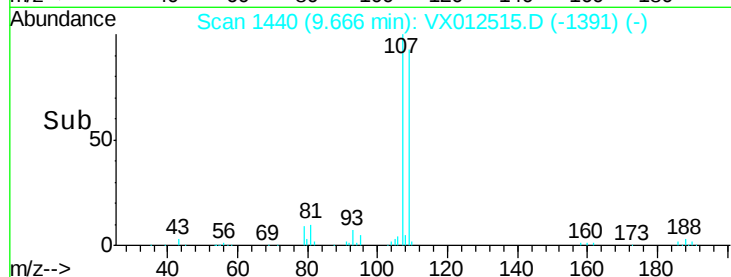
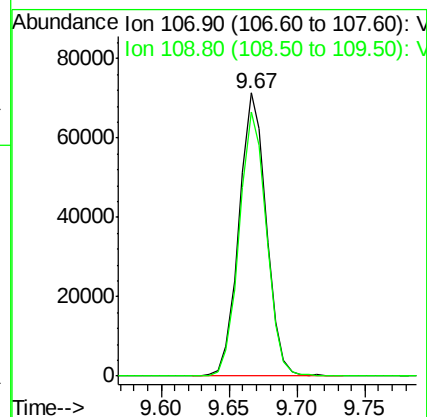
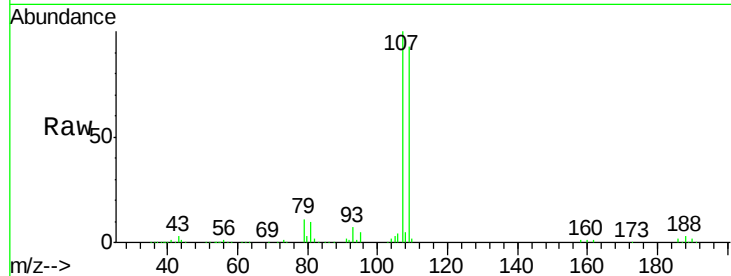
107 100

109 93.3 74.7 112.1

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 52.400 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

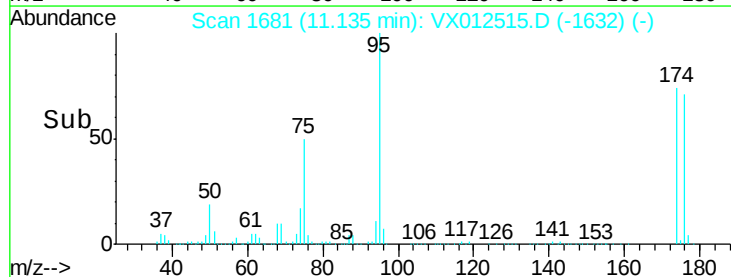
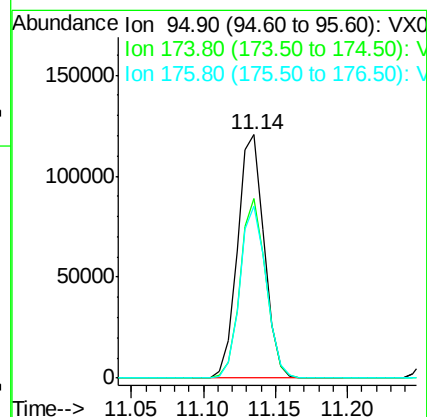
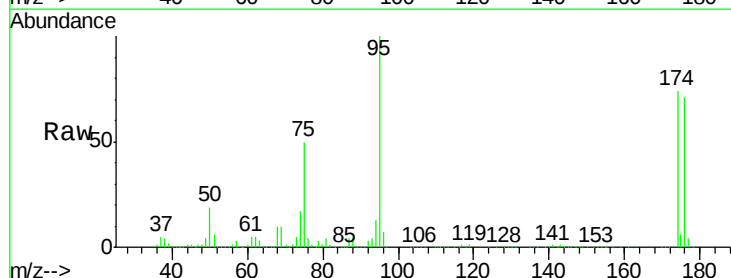
Tgt Ion: 95 Resp: 156339

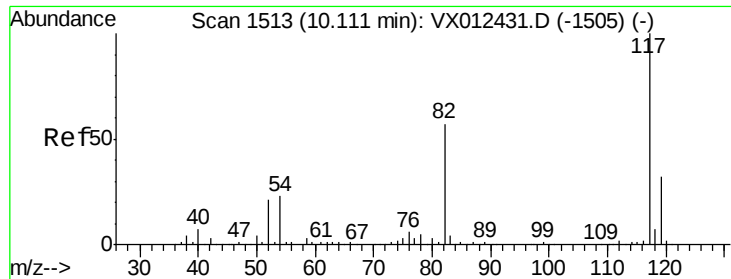
Ion Ratio Lower Upper

95 100

174 70.9 0.0 140.0

176 69.8 0.0 135.4





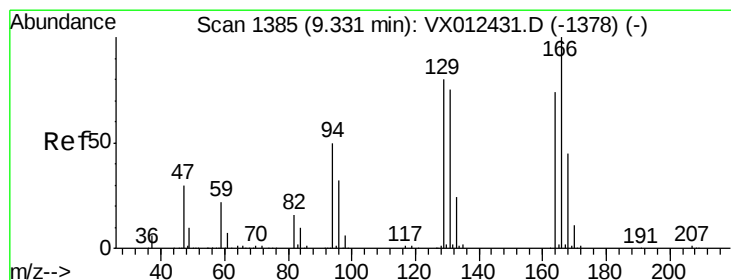
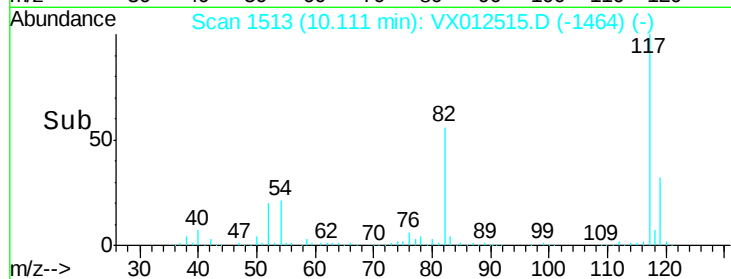
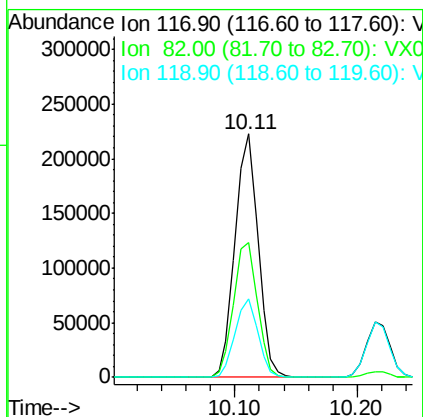
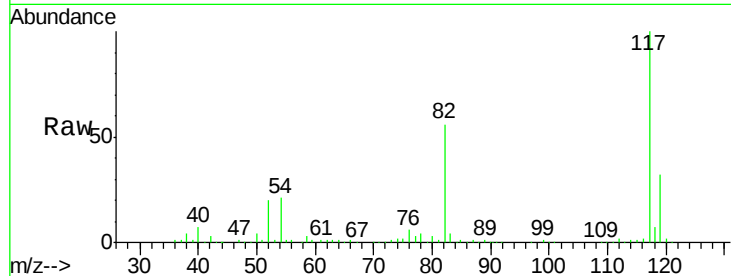
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	45.9	68.9
119	32.4	25.3	37.9

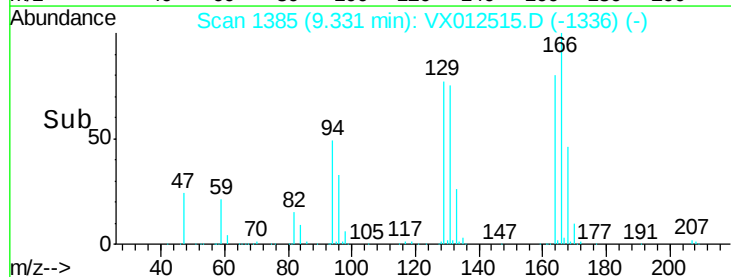
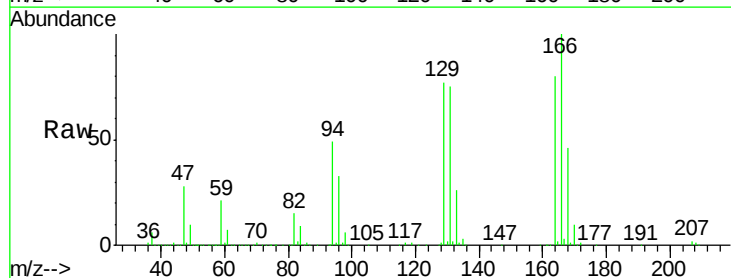
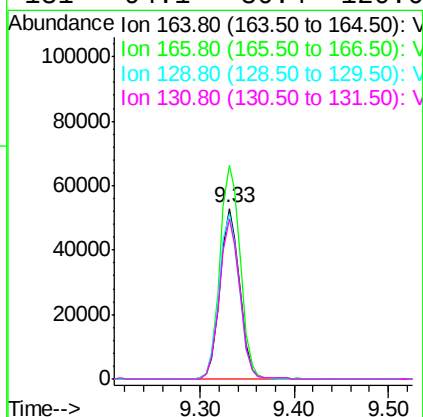
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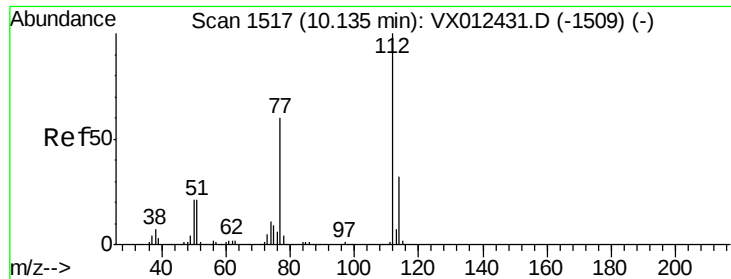
MMDadoda
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#64
Tetrachloroethene
Concen: 57.425 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	107.8	161.6
129	96.7	86.2	129.2
131	94.1	80.4	120.6





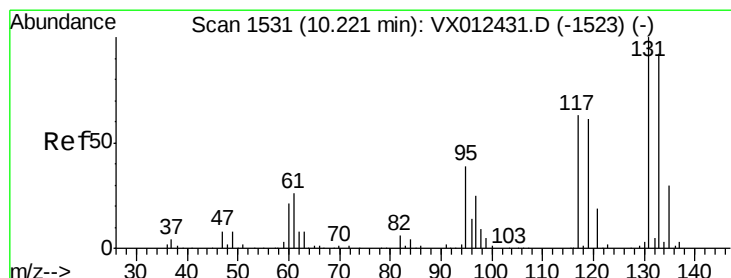
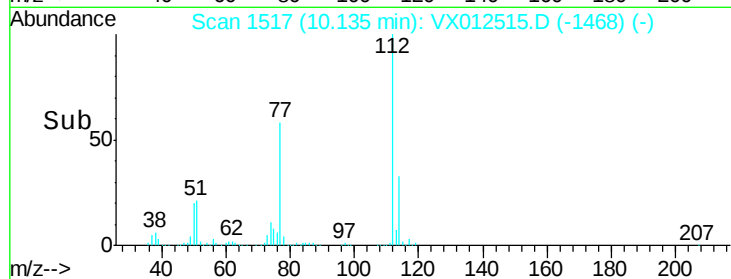
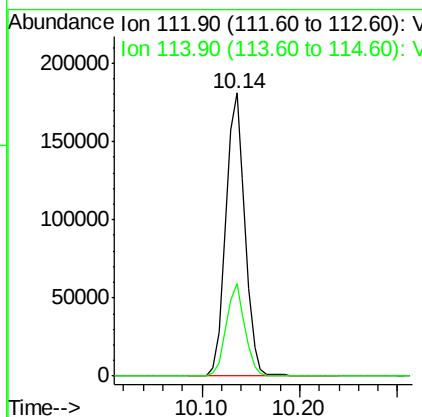
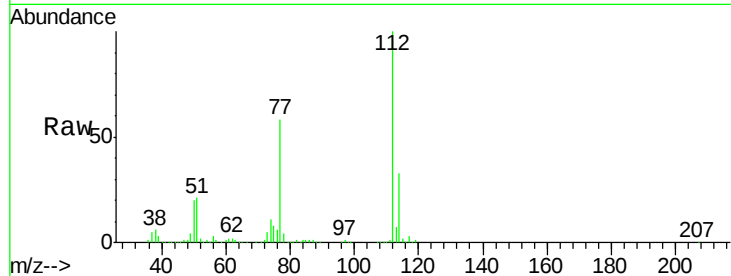
#65
Chlorobenzene
Concen: 50.765 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 244563
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.0

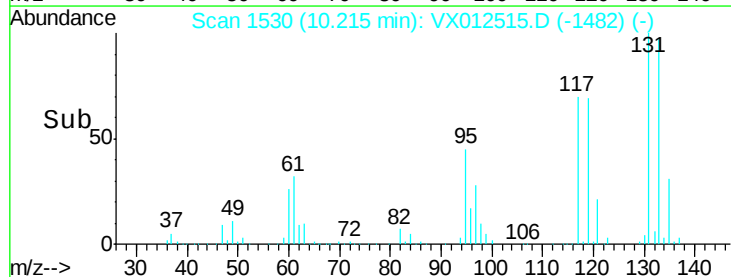
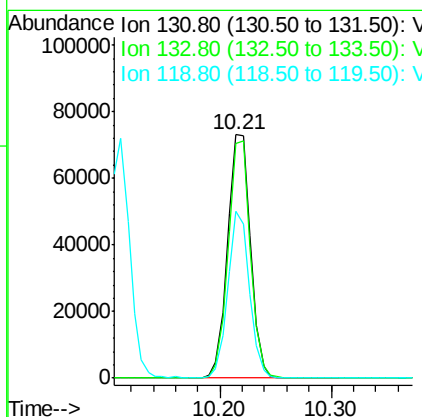
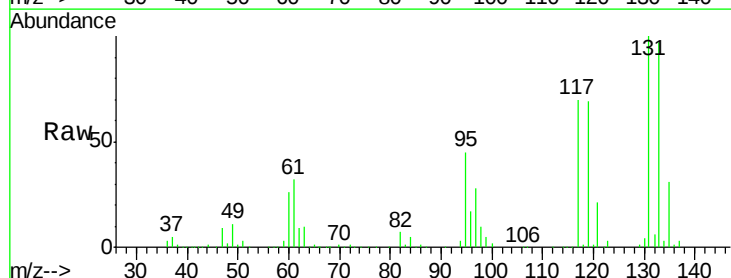
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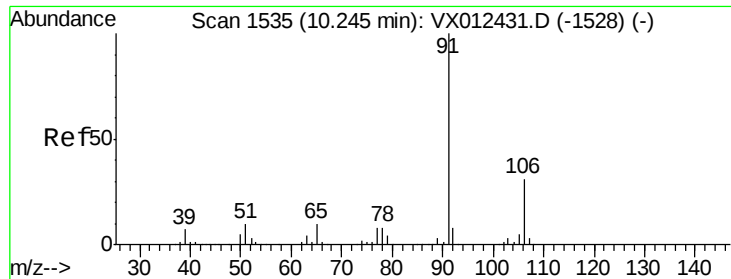
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.012 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion:131 Resp: 103992
Ion Ratio Lower Upper
131 100
133 94.6 47.6 142.9
119 64.4 31.3 93.8





#67

Ethyl Benzene

Concen: 50.982 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 421966

Ion Ratio Lower Upper

91 100

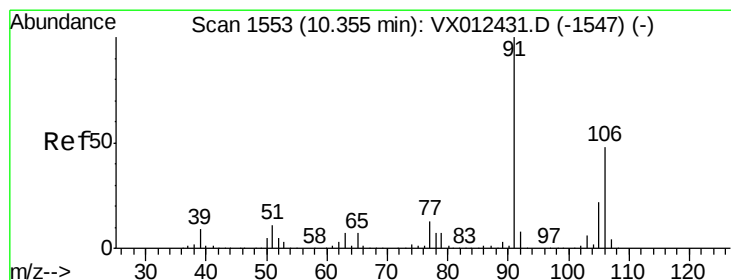
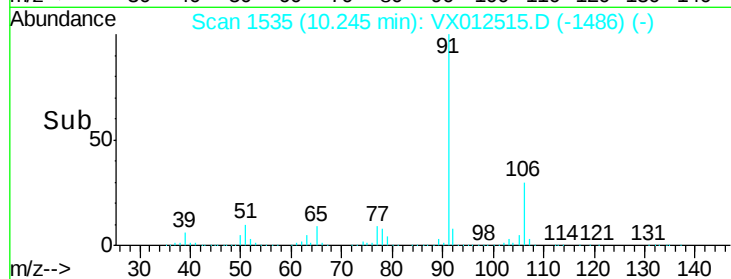
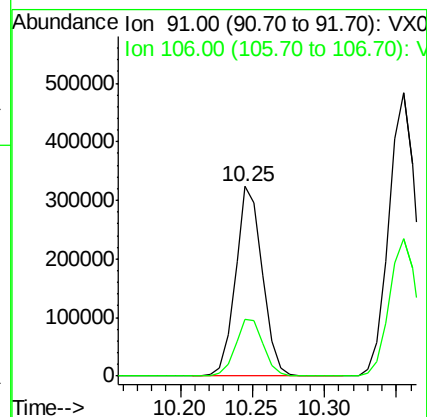
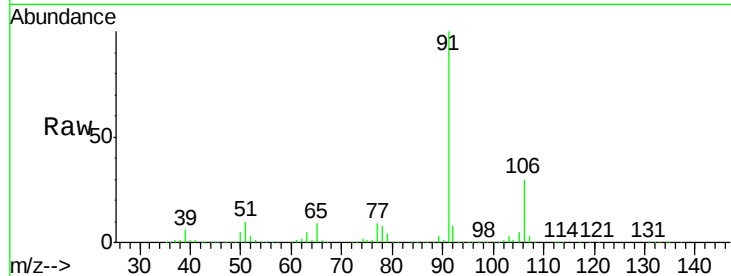
106 30.2 24.6 37.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 103.409 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012515.D

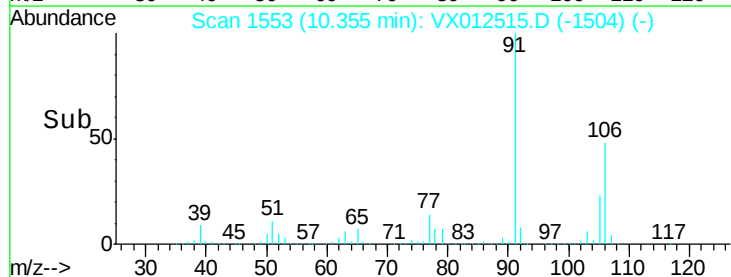
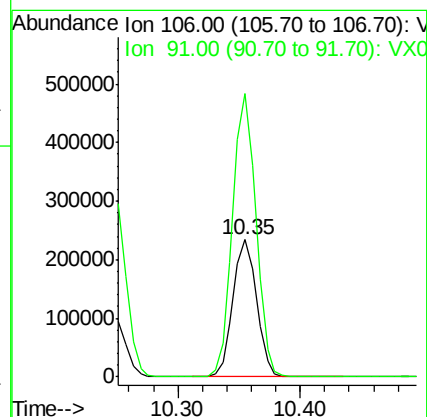
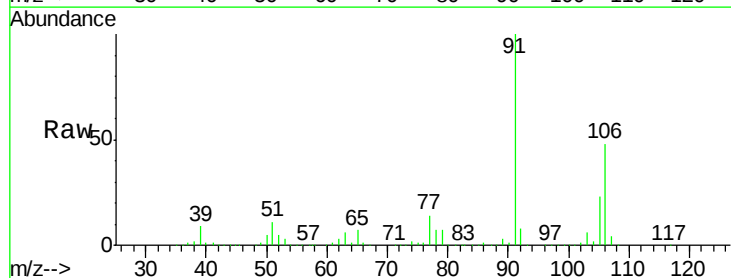
Acq: 19 Sep 2019 08:07

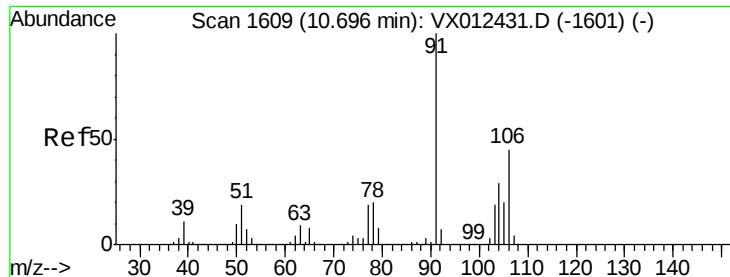
Tgt Ion: 106 Resp: 311418

Ion Ratio Lower Upper

106 100

91 205.1 166.6 250.0





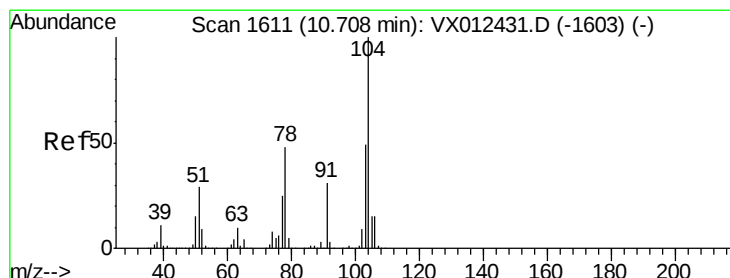
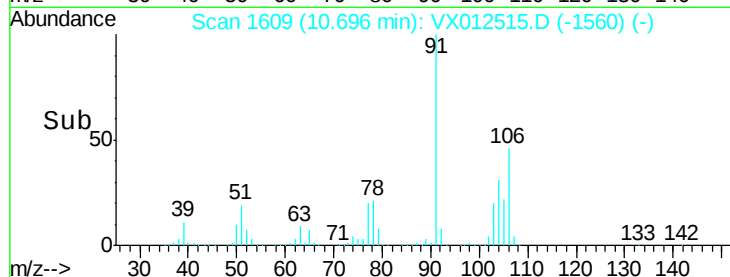
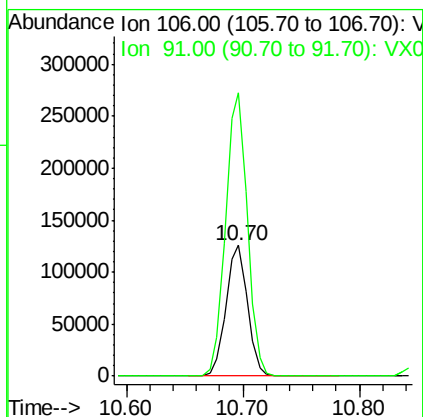
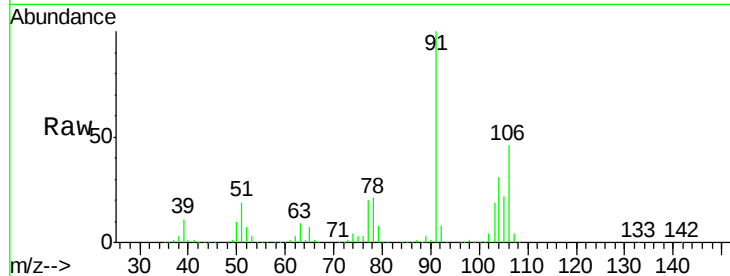
#69
o-Xylene
Concen: 51.963 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		160933		
91	218.5	109.4	328.2		

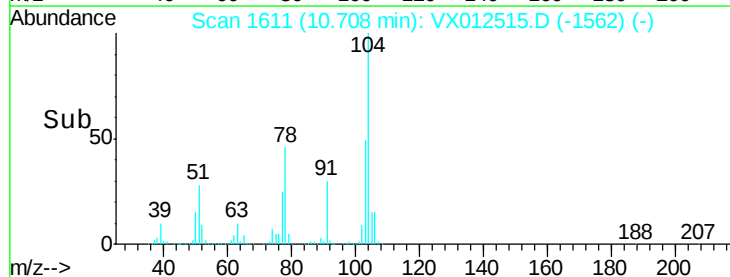
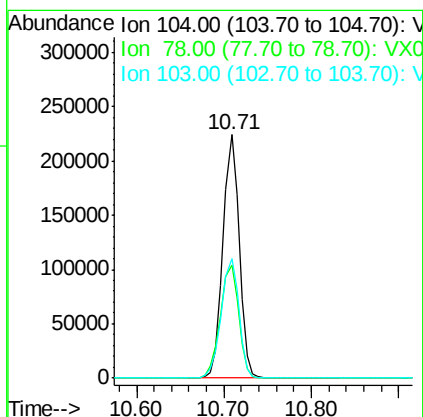
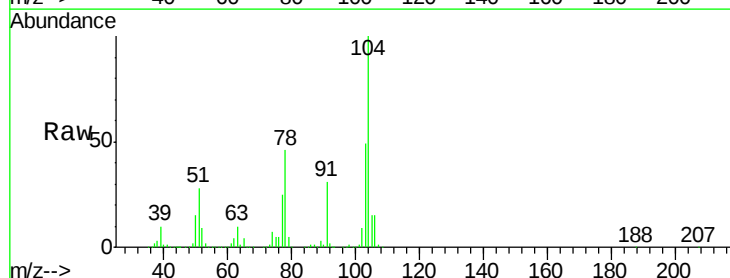
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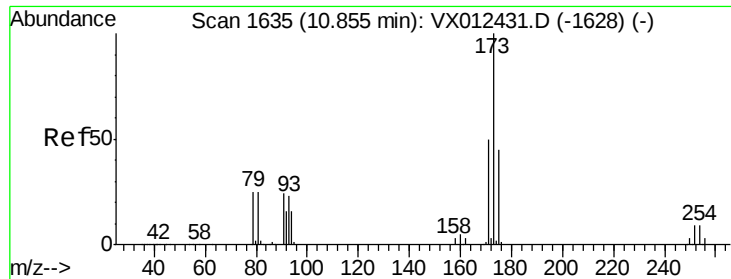
MMDadoda
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#70
Styrene
Concen: 52.470 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		287520		
78	52.6	43.4	65.2		
103	53.7	43.3	64.9		





#71

Bromoform

Concen: 46.604 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 79873

Ion Ratio Lower Upper

173 100

175 47.6 23.7 71.1

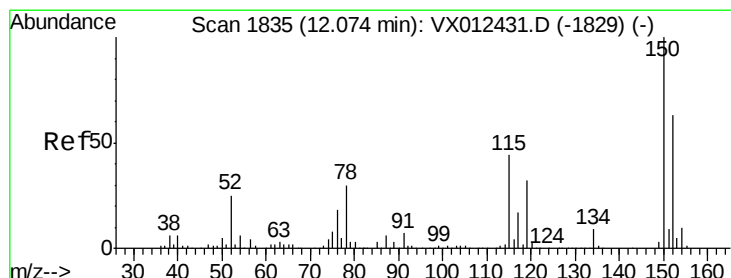
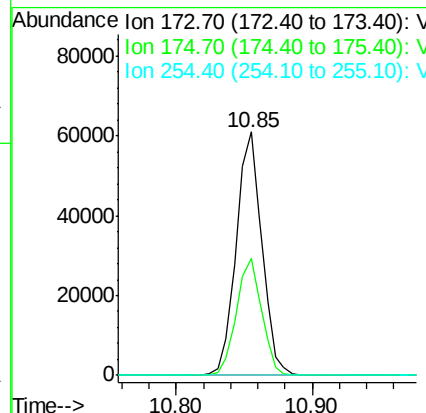
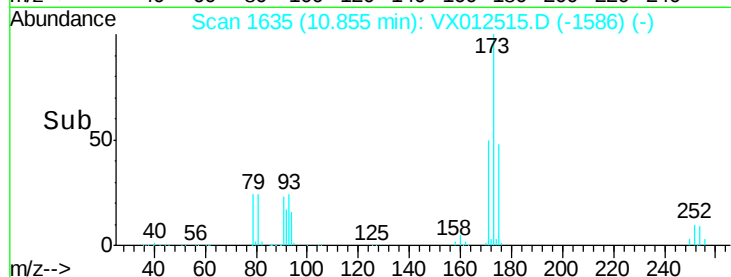
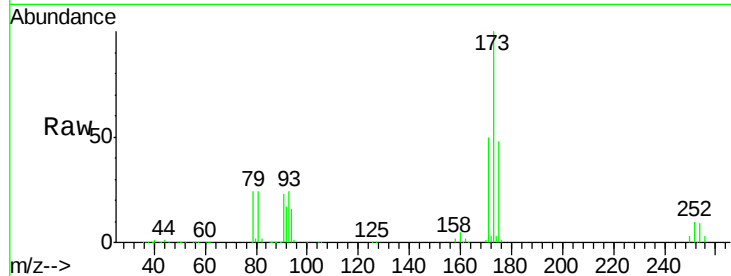
254 0.1 0.1 0.1#

Manual Integrations

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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: VX012515.D

Acq: 19 Sep 2019 08:07

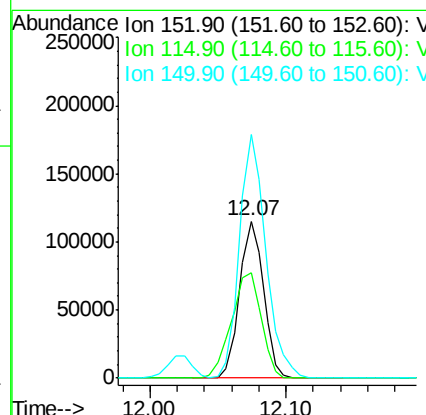
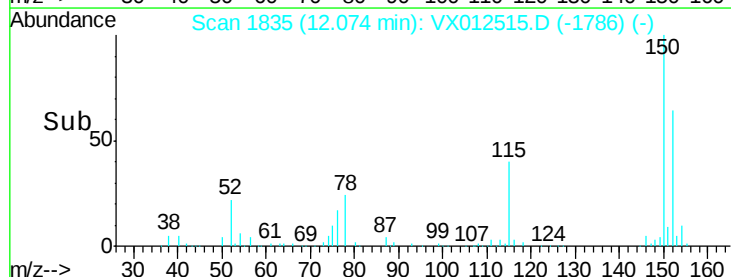
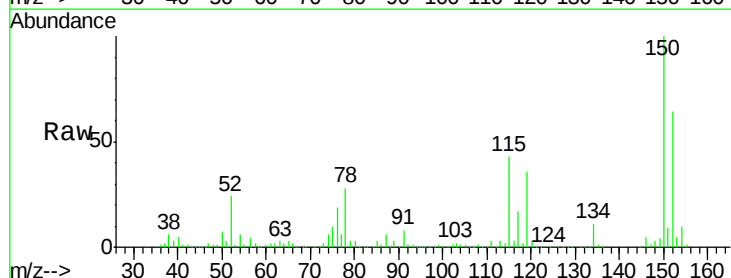
Tgt Ion:152 Resp: 141231

Ion Ratio Lower Upper

152 100

115 83.8 44.1 132.3

150 171.2 0.0 343.8





#73

Isopropylbenzene

Concen: 50.614 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 448516

Ion Ratio Lower Upper

105 100

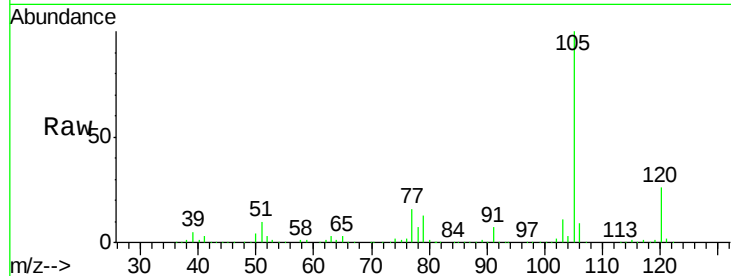
120 26.4 12.9 38.7

Manual Integrations

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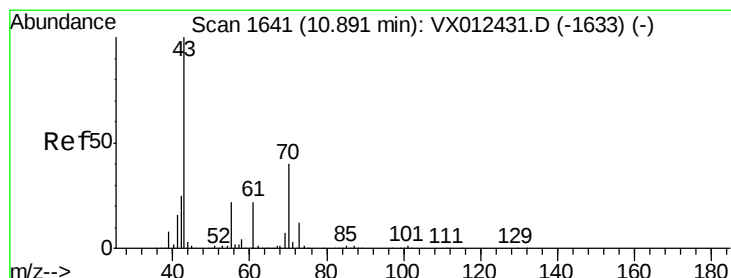
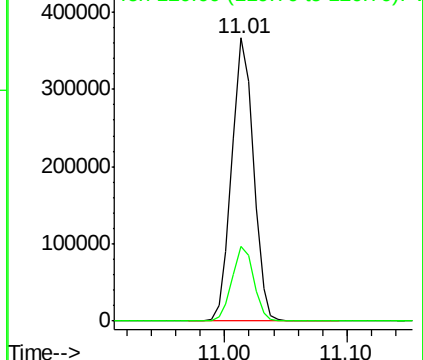
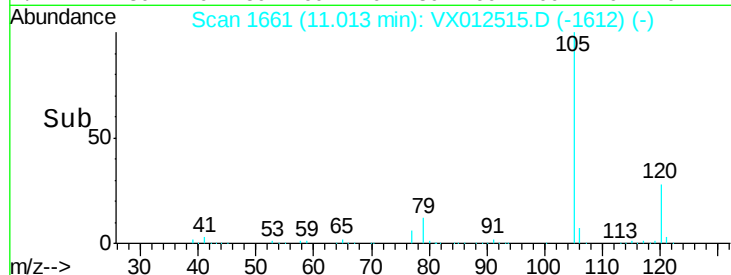
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.652 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Tgt Ion: 43 Resp: 236880

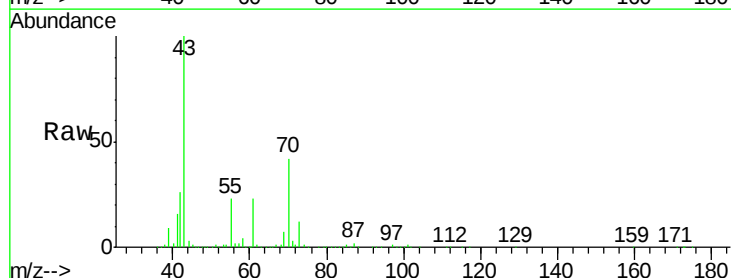
Ion Ratio Lower Upper

43 100

70 41.6 32.4 48.6

55 23.2 18.2 27.4

61 23.2 18.5 27.7

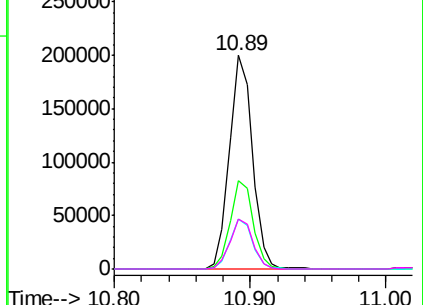
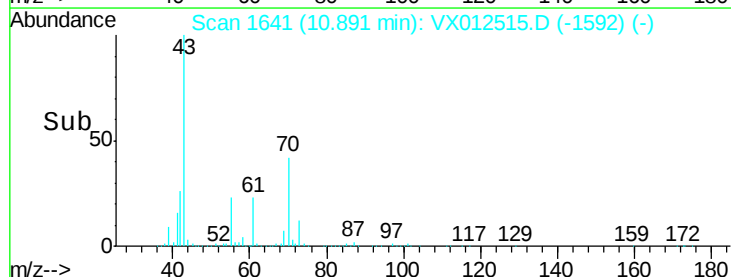


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.615 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 172469

Ion Ratio Lower Upper

83 100

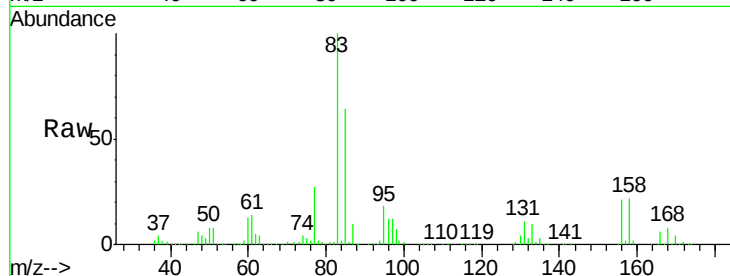
131 10.7 5.2 15.6

85 64.3 32.0 96.0

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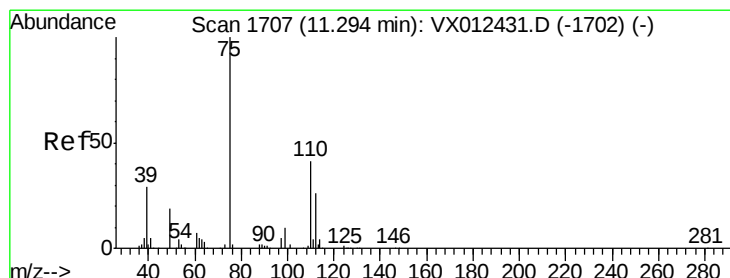
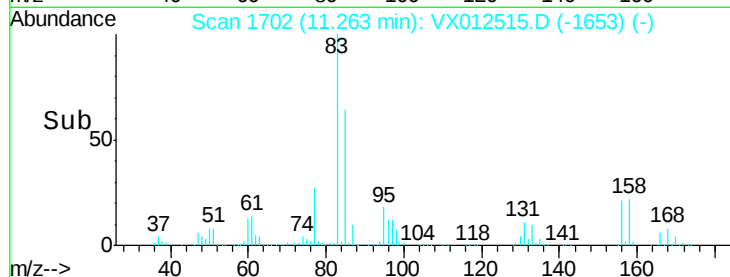
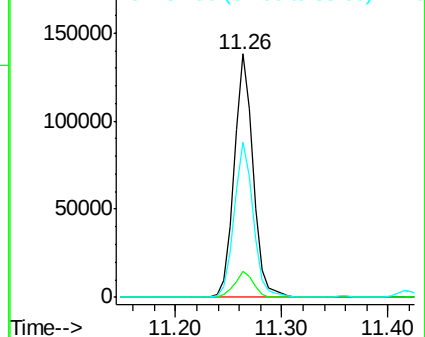
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 49.358 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012515.D

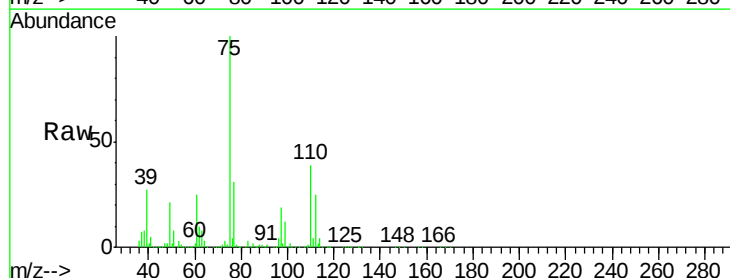
Acq: 19 Sep 2019 08:07

Tgt Ion: 75 Resp: 160128

Ion Ratio Lower Upper

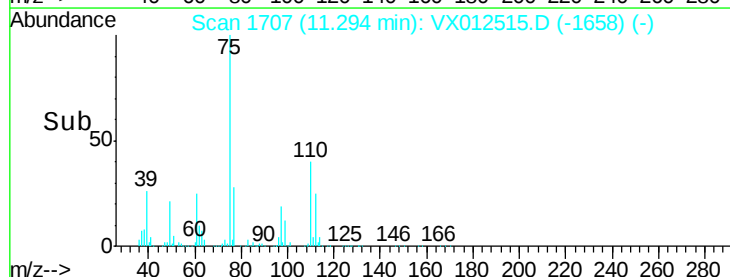
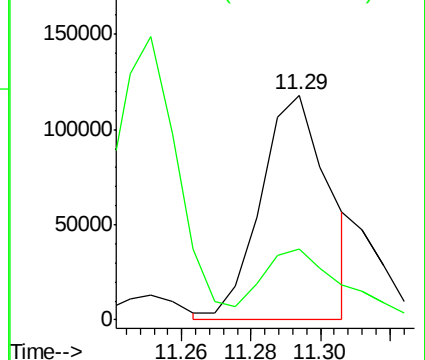
75 100

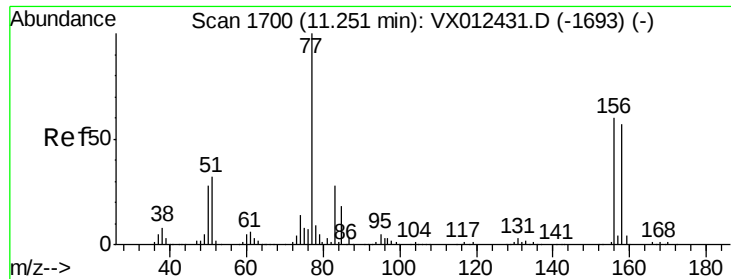
77 37.6 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.703 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

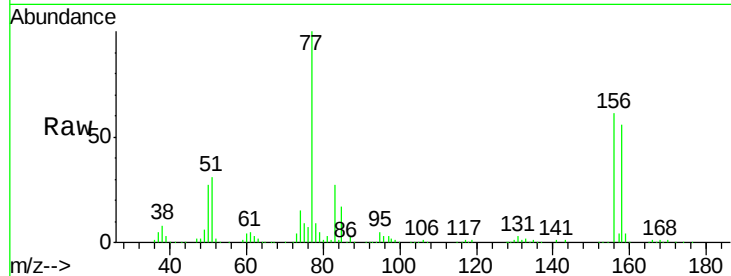
ClientSampleId :

VSTDCCC050EC

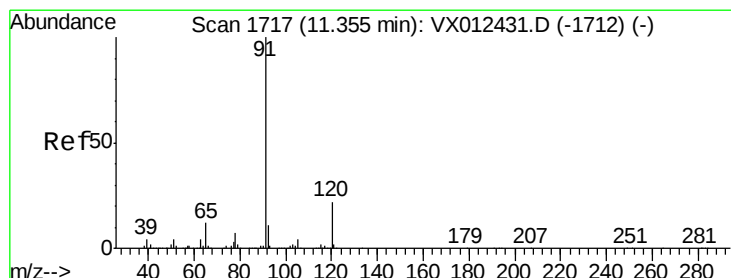
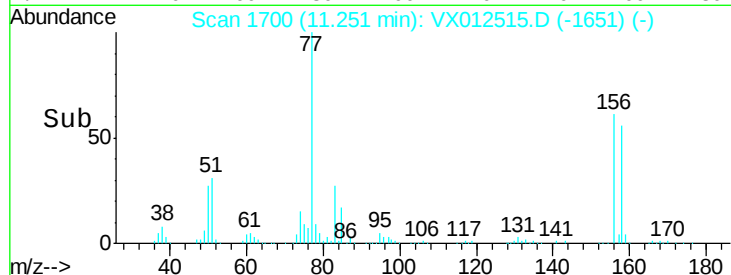
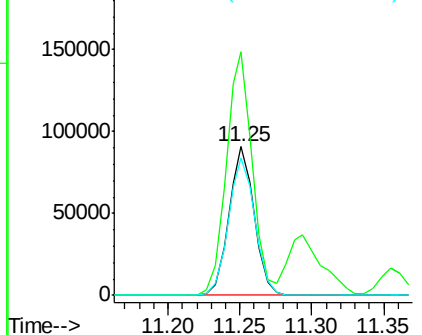
Tot Ion:	156	Resp:	111738
Ion Ratio	Lower	Upper	
156	100		
77	169.3	87.3	261.8
158	96.9	48.5	145.6

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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: 49.901 ug/l

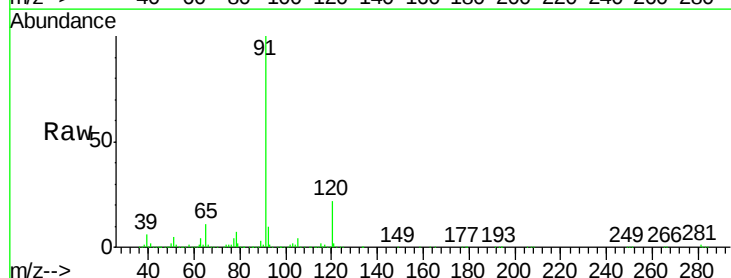
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

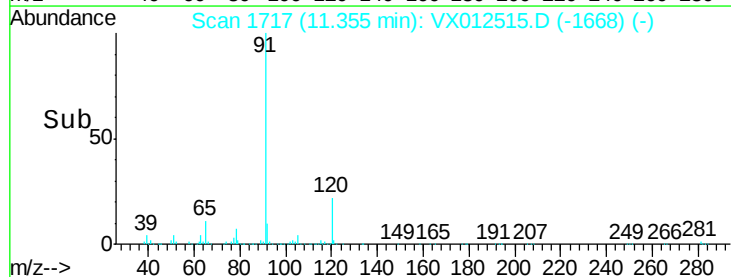
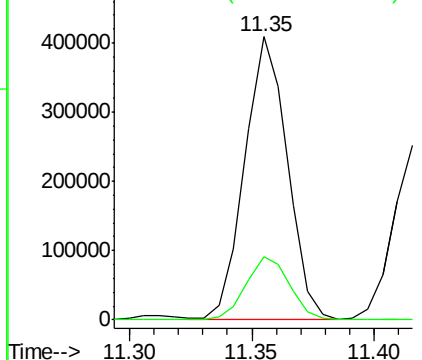
Lab File: VX012515.D

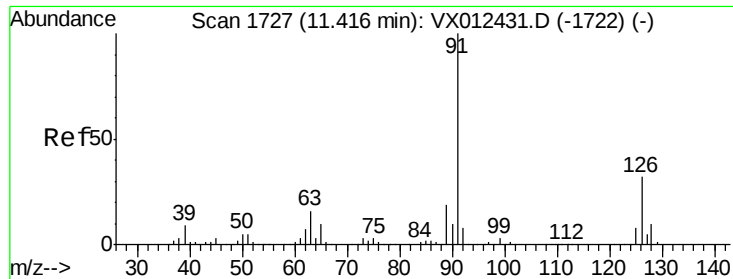
Acq: 19 Sep 2019 08:07

Tgt Ion:	91	Resp:	492846
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.3	33.8



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





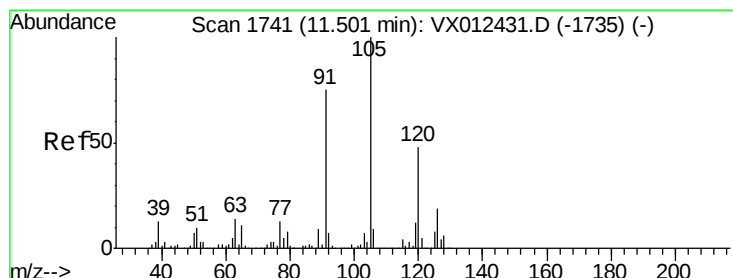
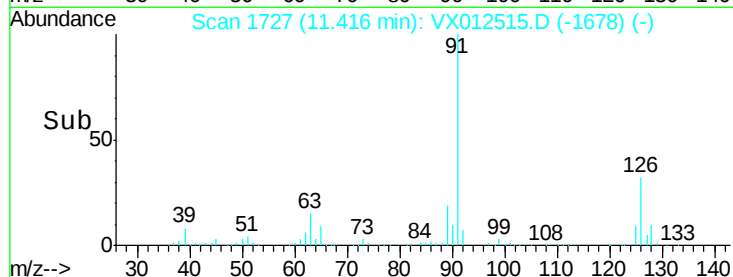
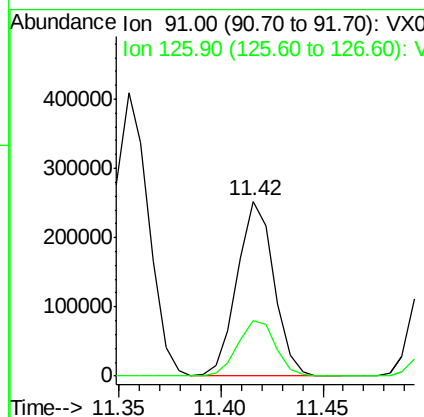
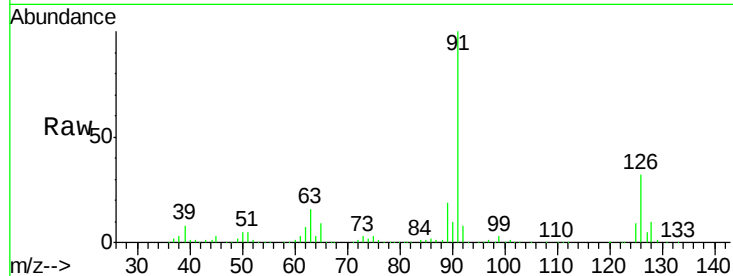
#79
 2-Chlorotoluene
 Concen: 48.873 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 314018
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.4 49.4

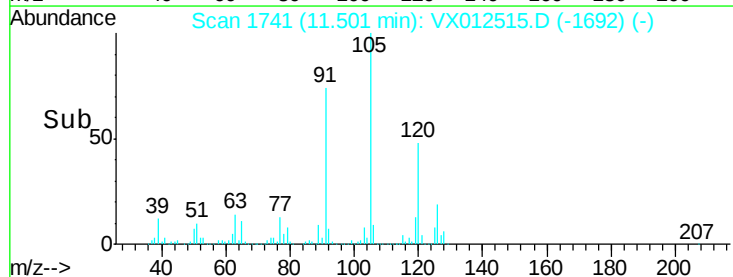
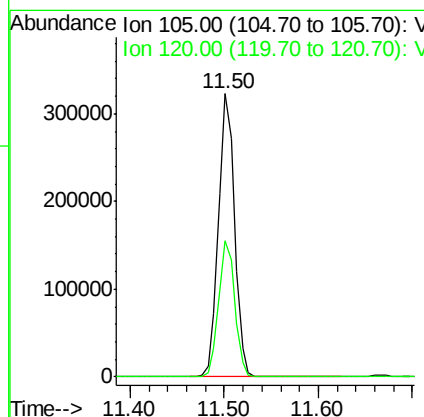
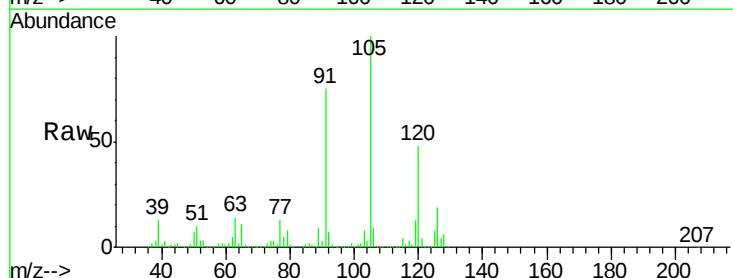
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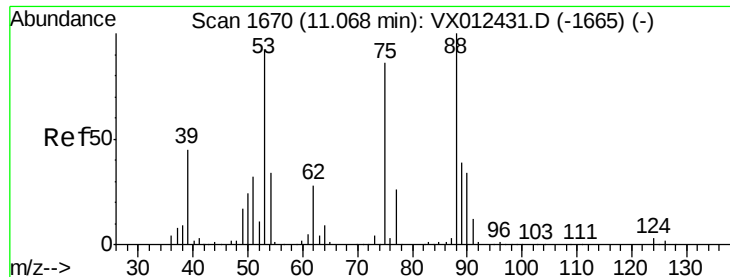
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.798 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Tgt Ion: 105 Resp: 383899
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 38.439 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

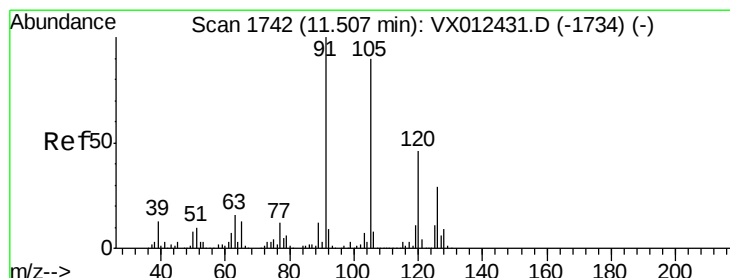
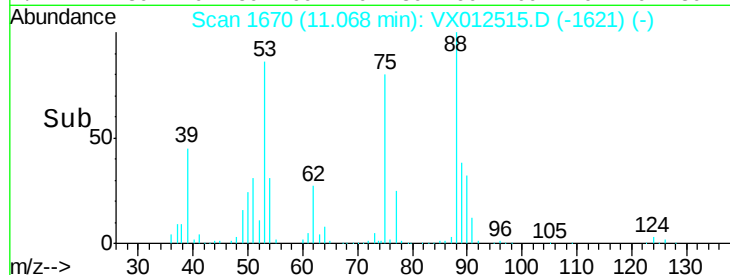
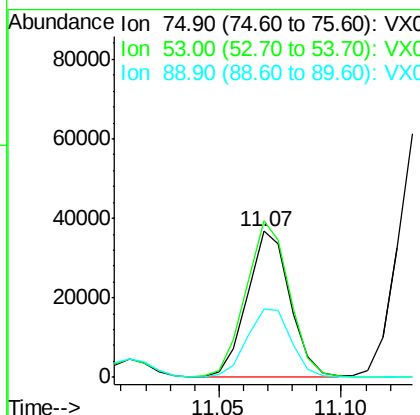
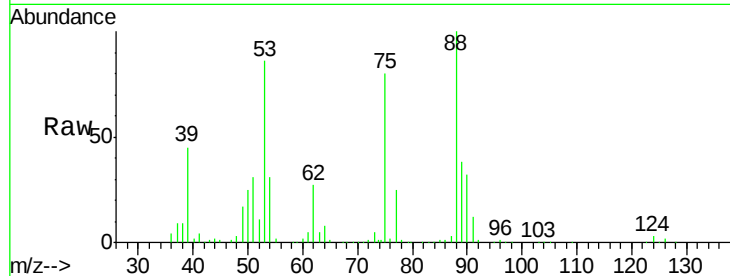
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	44522
Ion	Ratio	Lower	Upper
75	100		
53	109.7	83.6	125.4
89	49.3	36.3	54.5

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#82

4-Chlorotoluene

Concen: 49.847 ug/l

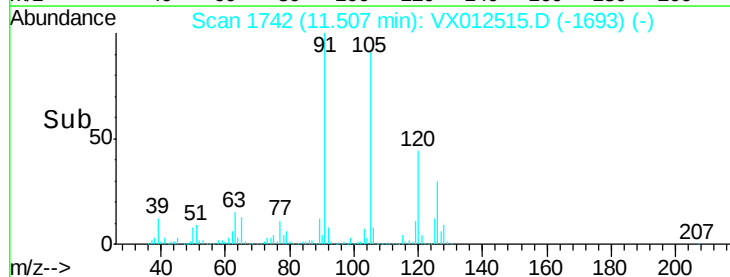
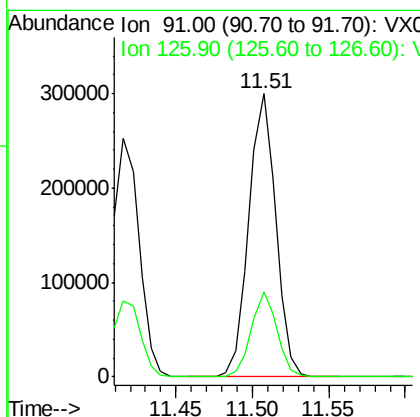
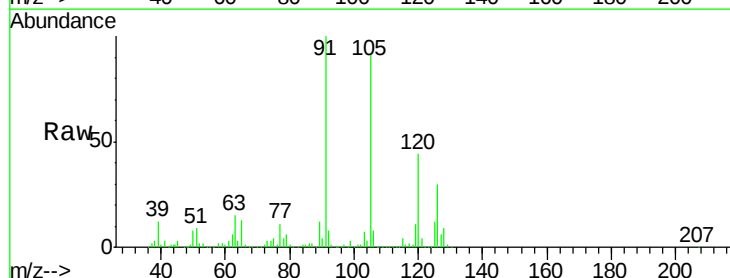
RT: 11.51 min Scan# 1742

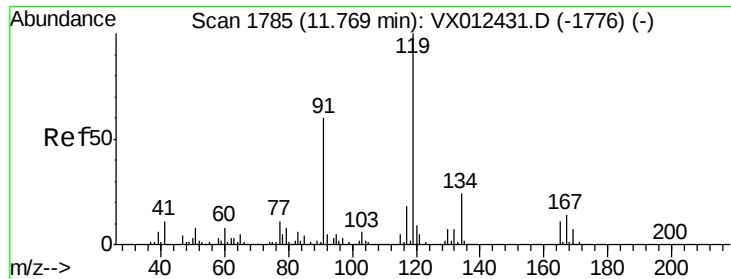
Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Tgt Ion:	91	Resp:	367576
Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.4	43.0





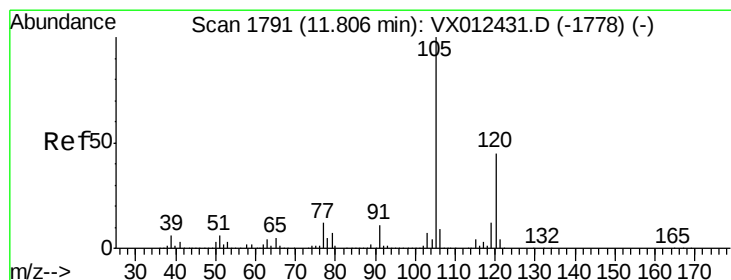
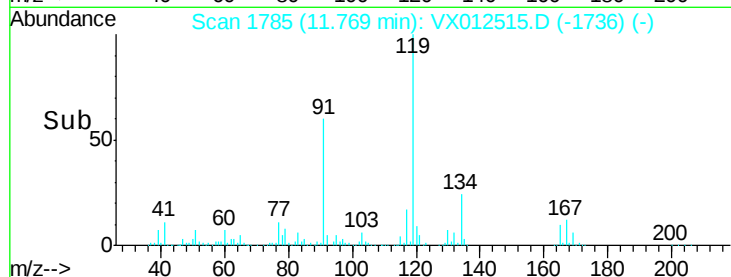
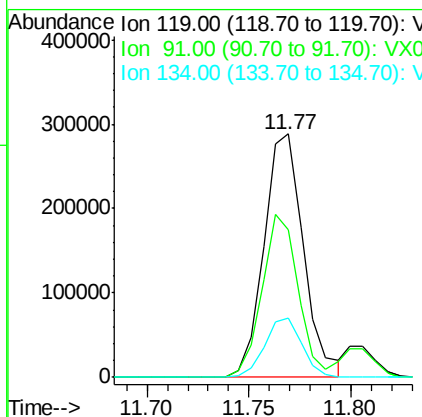
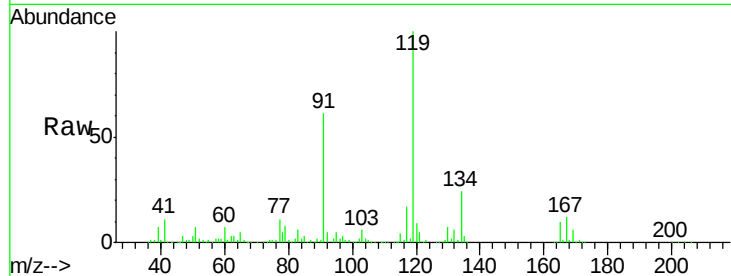
#83
tert-Butylbenzene
Concen: 48.169 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.0	30.0	90.0
134	23.0	11.3	33.9

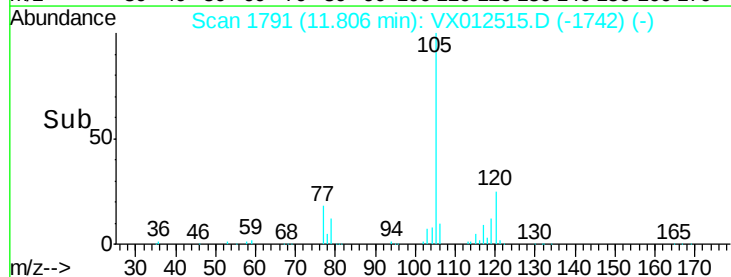
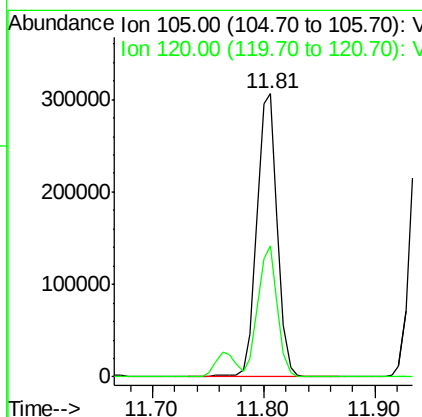
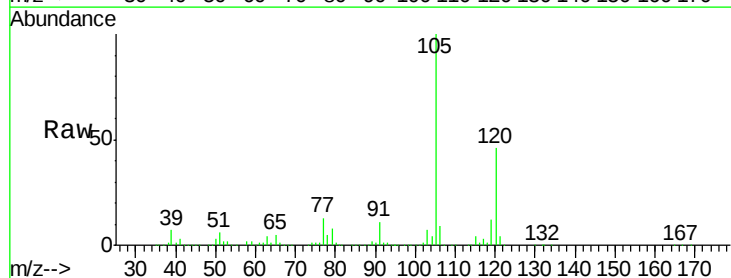
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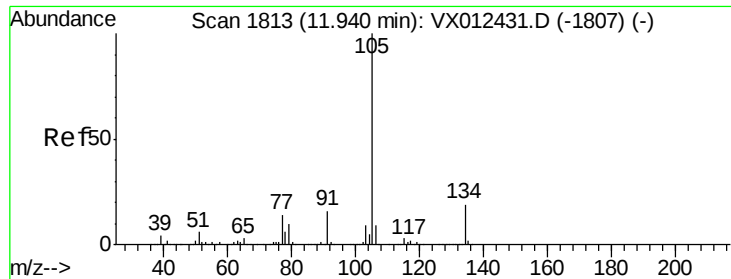
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#84
1,2,4-Trimethylbenzene
Concen: 50.357 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.2	66.6





#85

sec-Butylbenzene

Concen: 49.586 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 442482

Ion Ratio Lower Upper

105 100

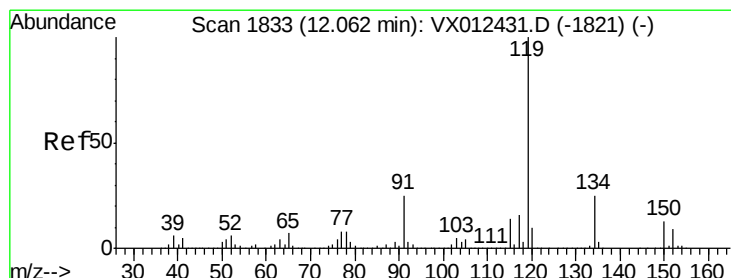
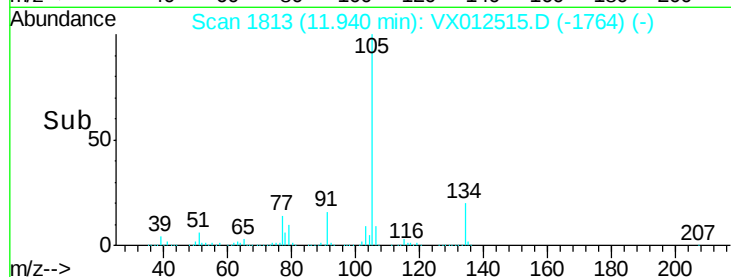
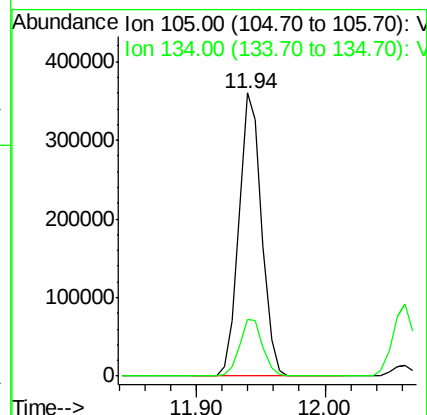
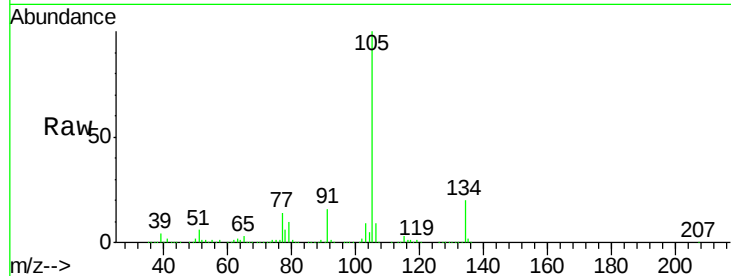
134 20.4 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 49.640 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

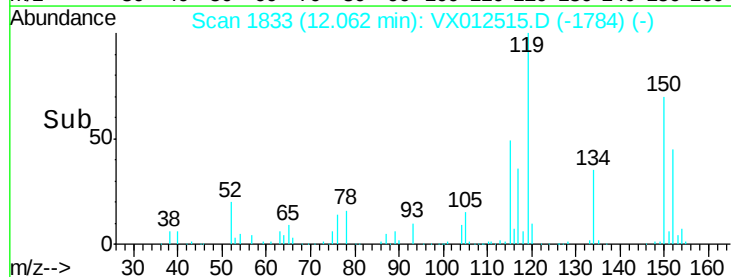
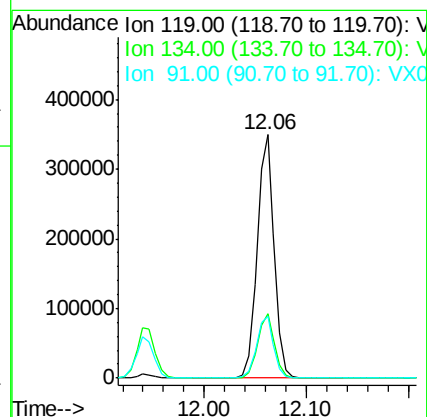
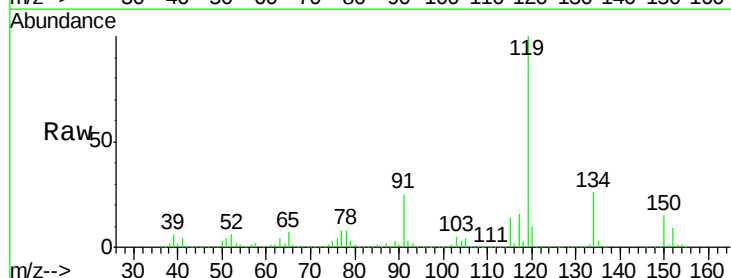
Tgt Ion:119 Resp: 406747

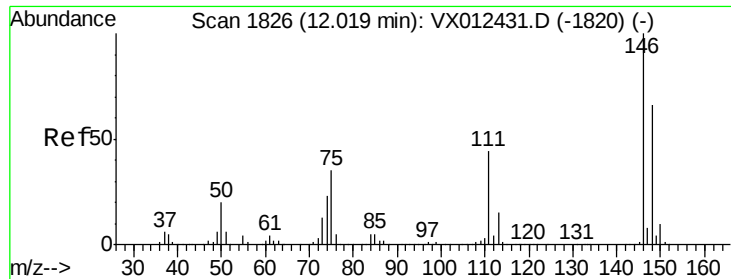
Ion Ratio Lower Upper

119 100

134 26.3 12.7 38.1

91 25.3 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 50.429 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:146 Resp: 205008

Ion Ratio Lower Upper

146 100

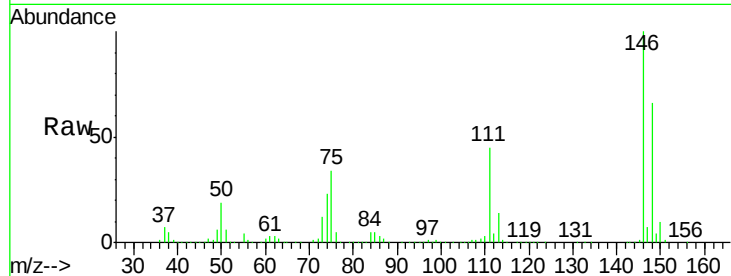
111 43.3 21.3 64.0

148 64.7 32.4 97.2

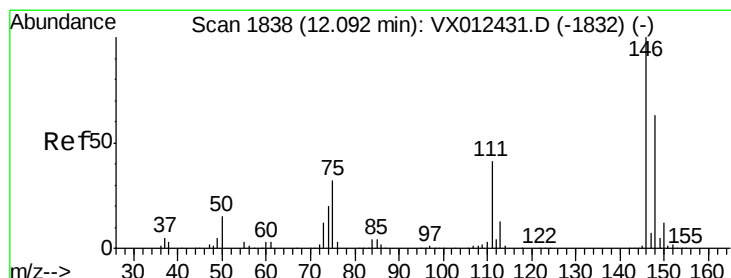
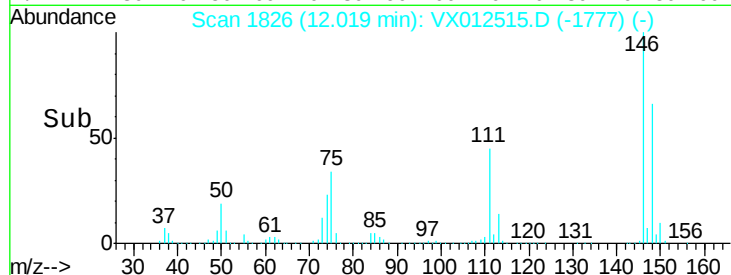
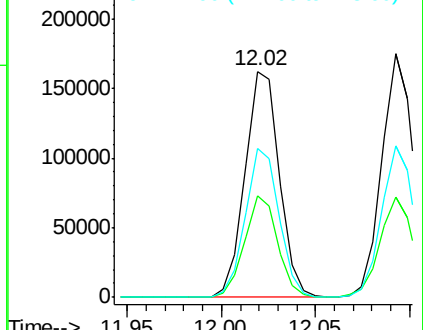
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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.425 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

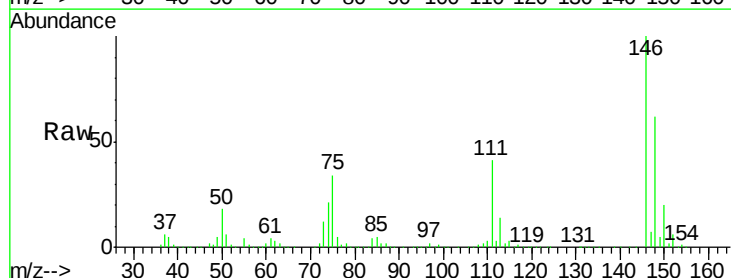
Tgt Ion:146 Resp: 210571

Ion Ratio Lower Upper

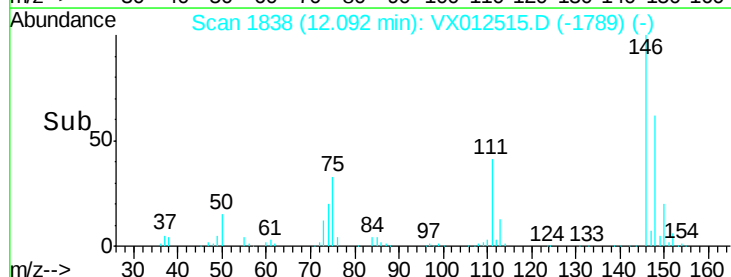
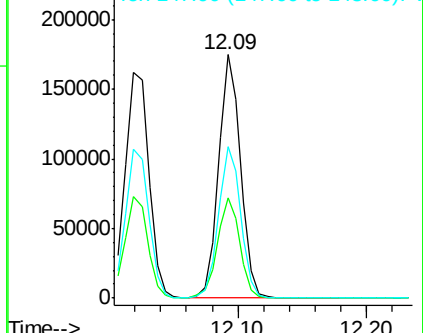
146 100

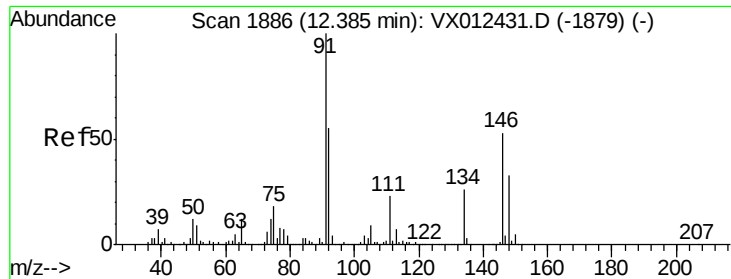
111 41.6 21.1 63.3

148 63.1 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





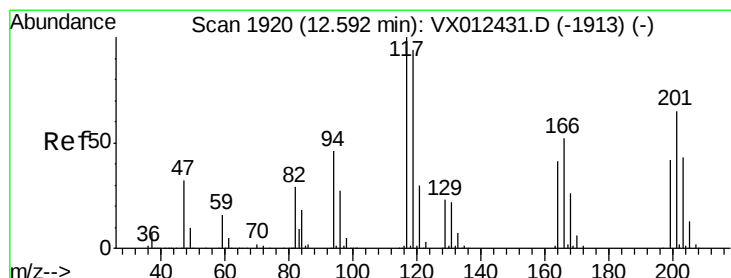
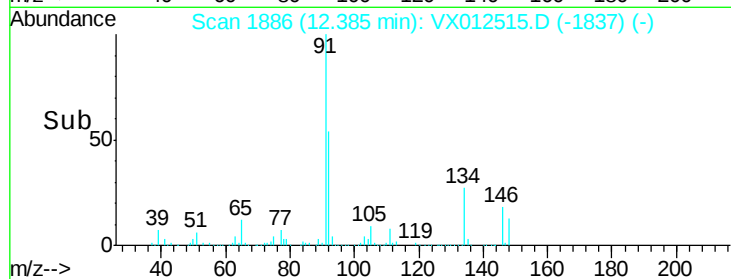
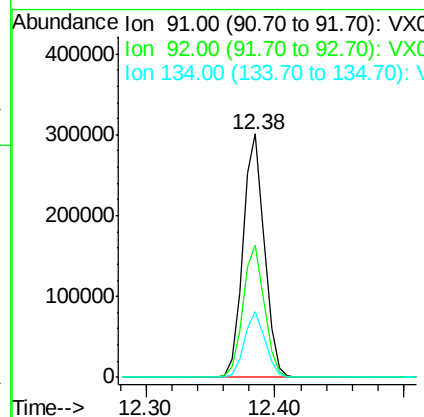
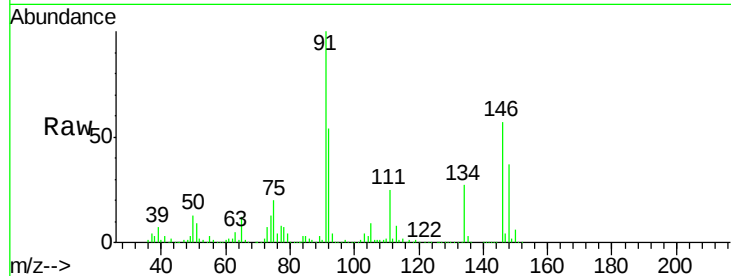
#89
n-Butylbenzene
Concen: 47.379 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.7	83.0
134	26.3	12.9	38.6

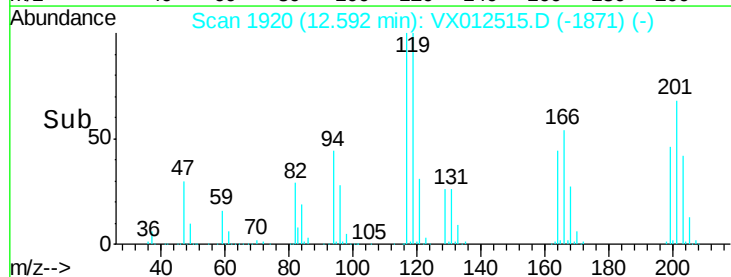
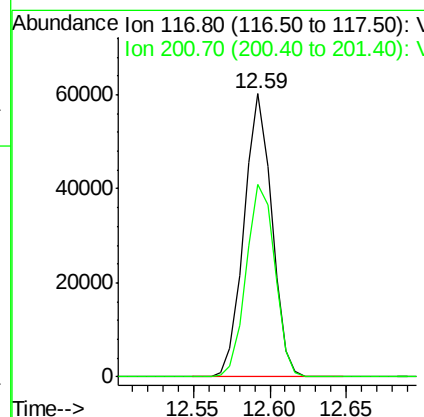
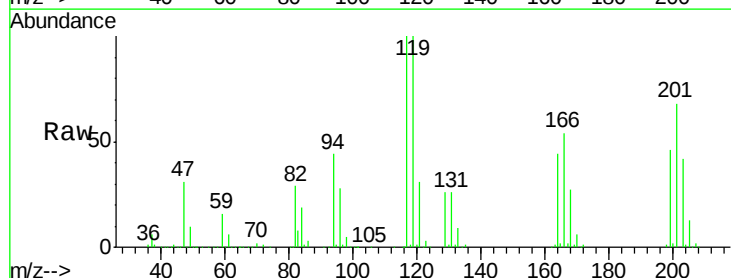
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#90
Hexachloroethane
Concen: 50.543 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012515.D
Acq: 19 Sep 2019 08:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.2	33.3	99.8





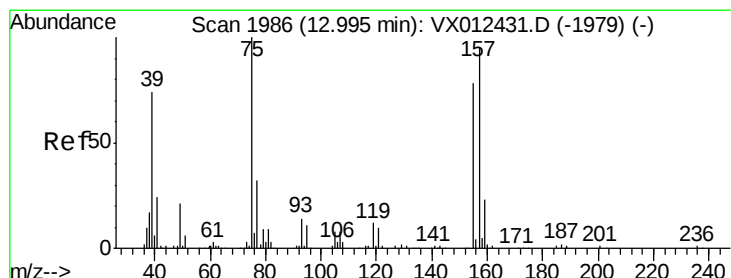
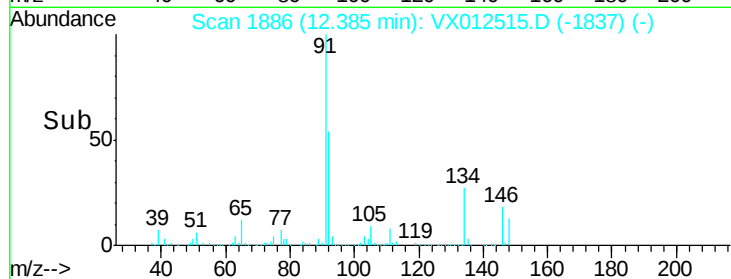
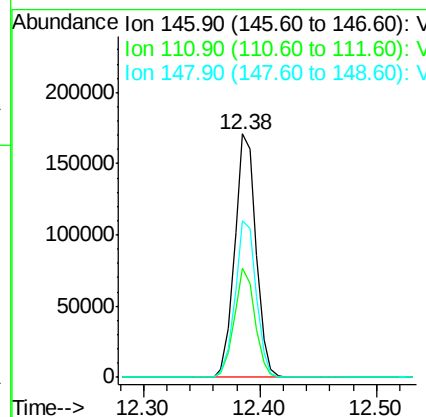
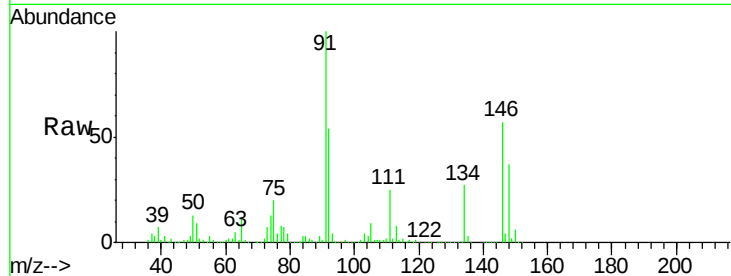
#91
 1,2-Dichlorobenzene
 Concen: 51.215 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	217612		
111	43.5	22.1	66.1	
148	63.9	31.3	93.9	

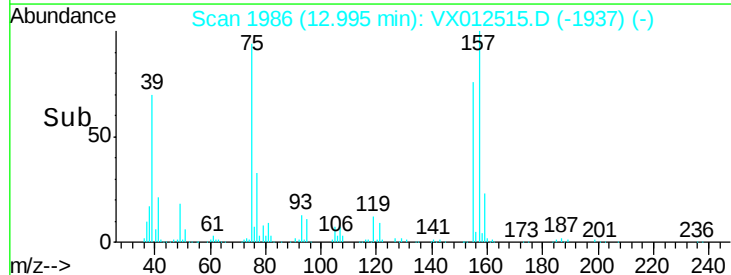
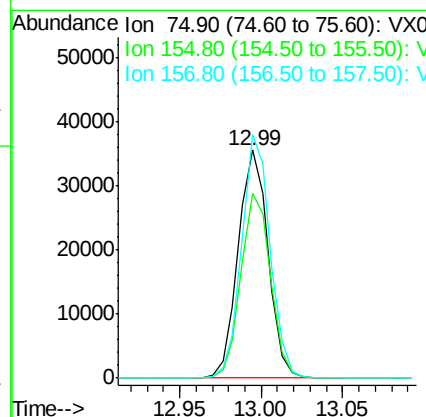
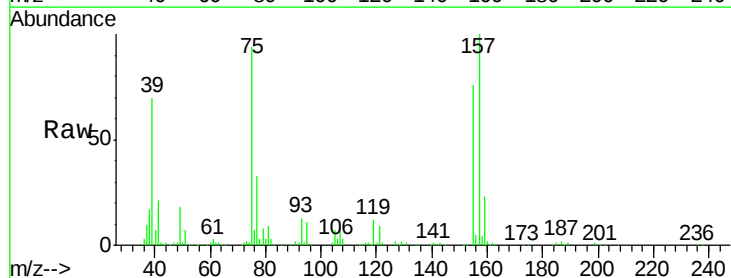
Manual Integrations
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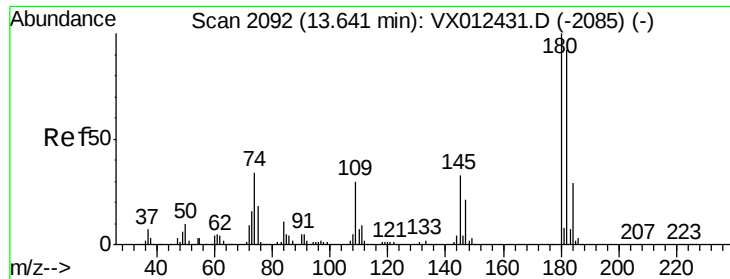
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.263 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	45297		
155	80.4	38.6	115.8	
157	102.1	50.6	151.9	





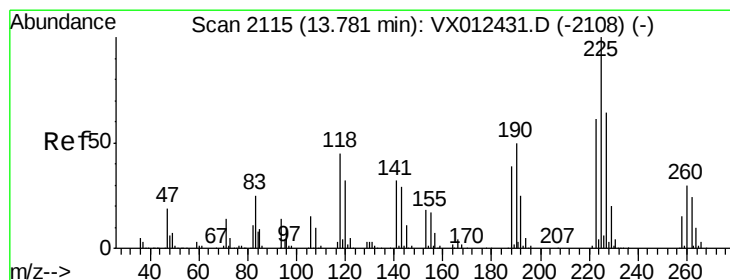
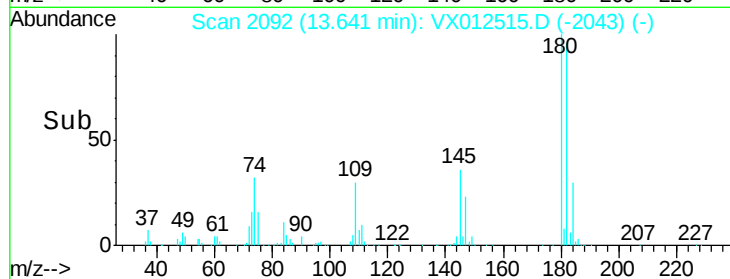
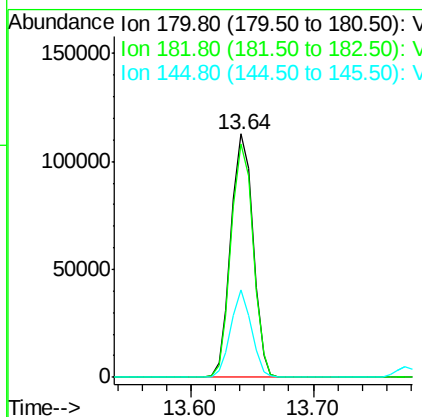
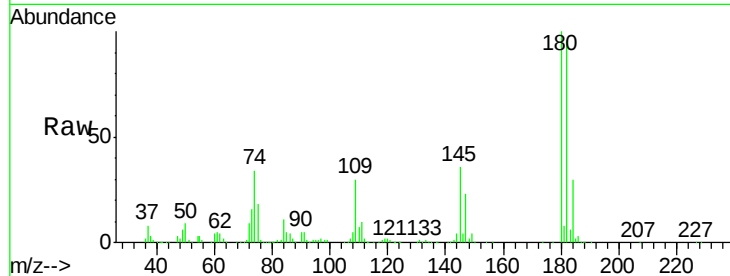
#93
 1,2,4-Trichlorobenzene
 Concen: 51.494 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.0	141.0
145	33.4	16.8	50.4

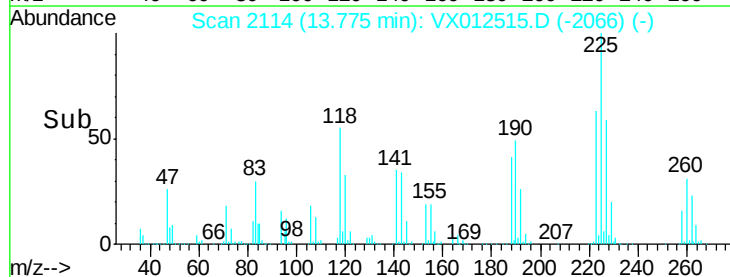
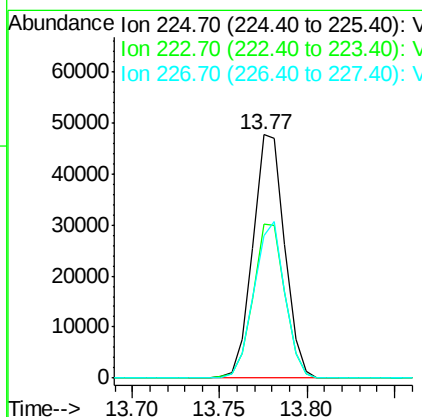
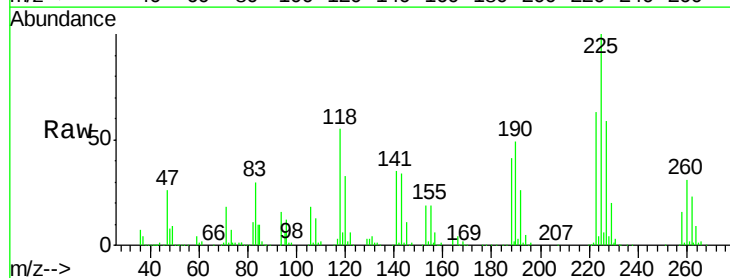
Manual Integrations
 APPROVED

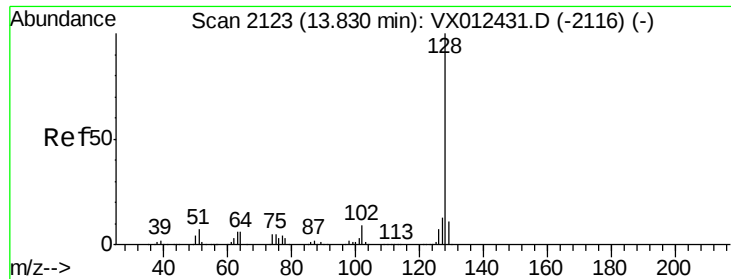
MMDadoda
 9/19/2019 1:07:37 PM



#94
 Hexachlorobutadiene
 Concen: 46.654 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012515.D
 Acq: 19 Sep 2019 08:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.0	96.2
227	62.3	31.9	95.5





#95

Naphthalene

Concen: 54.283 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Instrument :

MSVOA_X

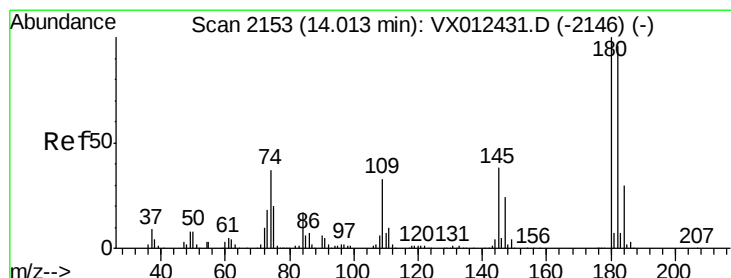
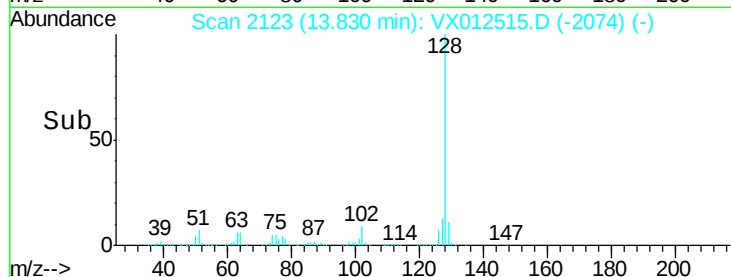
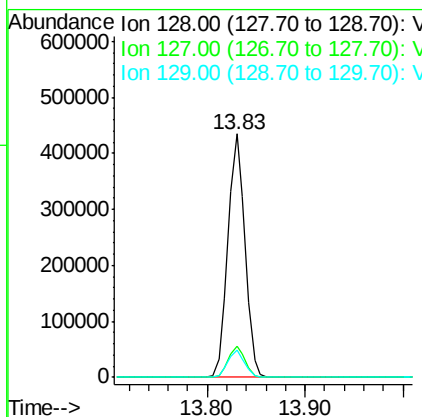
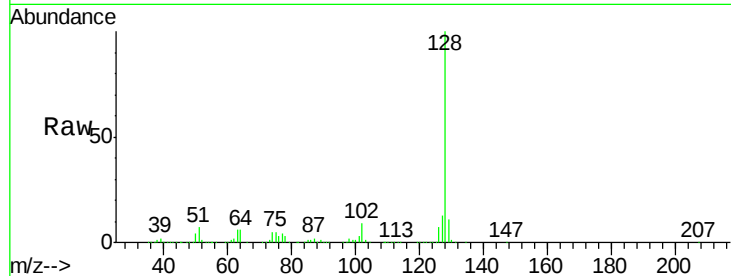
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	528620
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/19/2019 1:07:37 PM



#96

1,2,3-Trichlorobenzene

Concen: 53.099 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012515.D

Acq: 19 Sep 2019 08:07

Tgt Ion:	180	Resp:	148089
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.1	141.3
145	35.2	18.0	54.0

