

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100419\
 Data File : VX012802.D
 Acq On : 04 Oct 2019 11:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 9:26:51 AM

Quant Time: Oct 05 04:31:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	281052	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122032	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	113834	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
35) Dibromofluoromethane	5.48	113	89431	53.43	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	106.86%	
50) Toluene-d8	8.71	98	335674	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
62) 4-Bromofluorobenzene	11.13	95	136160	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	82442	43.245	ug/l	99
3) Chloromethane	1.32	50	89526	40.896	ug/l	99
4) Vinyl Chloride	1.40	62	95190	43.747	ug/l	97
5) Bromomethane	1.62	94	36864	43.090	ug/l	99
6) Chloroethane	1.70	64	61824	42.147	ug/l	97
7) Trichlorofluoromethane	1.92	101	144292	47.232	ug/l	99
8) Diethyl Ether	2.17	74	58117	46.421	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	94950	51.029	ug/l	97
10) Methyl Iodide	2.50	142	88221	45.500	ug/l	94
11) Tert butyl alcohol	3.03	59	128951	209.183	ug/l	98
12) 1,1-Dichloroethene	2.36	96	89615	49.184	ug/l	93
13) Acrolein	2.28	56	79020	230.925	ug/l	99
14) Allyl chloride	2.72	41	162304	44.898	ug/l	97
15) Acrylonitrile	3.13	53	283754	226.886	ug/l	98
16) Acetone	2.43	43	311590	238.383	ug/l	96
17) Carbon Disulfide	2.56	76	222502	43.560	ug/l	99
18) Methyl Acetate	2.76	43	139147	45.210	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	334576	48.514	ug/l	99
20) Methylene Chloride	2.84	84	104503	47.270	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	98695	48.894	ug/l	98
22) Diisopropyl ether	3.84	45	328986	47.099	ug/l	92
23) Vinyl Acetate	3.80	43	1419205	231.688	ug/l	96
24) 1,1-Dichloroethane	3.69	63	181607	47.831	ug/l	98
25) 2-Butanone	4.65	43	413246	220.494	ug/l	94
26) 2,2-Dichloropropane	4.57	77	162242	48.044	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	114914	49.063	ug/l	92
28) Bromochloromethane	5.00	49	63618	46.146	ug/l	93
29) Tetrahydrofuran	5.11	42	247289	216.479	ug/l	96
30) Chloroform	5.20	83	185596	47.779	ug/l	98
31) Cyclohexane	5.57	56	162383	47.274	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	164399	47.752	ug/l	98
36) 1,1-Dichloropropene	5.79	75	138481	51.118	ug/l	98
37) Ethyl Acetate	4.81	43	150208	47.427	ug/l	97
38) Carbon Tetrachloride	5.77	117	139437	50.669	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	171579	52.610	ug/l	97
40) Benzene	6.13	78	413729	51.906	ug/l	100
41) Methacrylonitrile	5.02	41	82359	46.347	ug/l	94
42) 1,2-Dichloroethane	6.18	62	152226	50.292	ug/l	98
43) Isopropyl Acetate	6.43	43	248682	46.953	ug/l	97
44) Trichloroethene	7.20	130	107858	52.932	ug/l	96
45) 1,2-Dichloropropane	7.50	63	105942	51.915	ug/l	97
46) Dibromomethane	7.65	93	71341	51.346	ug/l	98
47) Bromodichloromethane	7.89	83	145436	52.373	ug/l	98
48) Methyl methacrylate	7.76	41	119256	46.958	ug/l	92
49) 1,4-Dioxane	7.73	88	52667	914.306	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	764601	233.865	ug/l	95
52) Toluene	8.78	92	264056	52.709	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	162620	52.929	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	174492	52.016	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	107221	53.834	ug/l	98
56) Ethyl methacrylate	9.17	69	171643	51.297	ug/l	91
57) 1,3-Dichloropropane	9.36	76	179984	51.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	394509	262.662	ug/l	100
59) 2-Hexanone	9.48	43	602235	240.649	ug/l	93
60) Dibromochloromethane	9.57	129	111614	55.359	ug/l	96
61) 1,2-Dibromoethane	9.67	107	110640	53.377	ug/l	100
64) Tetrachloroethene	9.33	164	100226	57.213	ug/l	94
65) Chlorobenzene	10.14	112	279644	52.853	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	101921	53.166	ug/l	96
67) Ethyl Benzene	10.25	91	513957	53.557	ug/l	100
68) m/p-Xylenes	10.36	106	387783	107.873	ug/l	98
69) o-Xylene	10.70	106	185941	53.455	ug/l	100
70) Styrene	10.71	104	326992	56.075	ug/l	99
71) Bromoform	10.85	173	74856	56.078	ug/l #	98
73) Isopropylbenzene	11.01	105	506118	50.922	ug/l	100
74) N-amyl acetate	10.89	43	223471	47.129	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	165599	50.308	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	138470m	42.896	ug/l	
77) Bromobenzene	11.25	156	117395	52.187	ug/l	99
78) n-propylbenzene	11.35	91	571982	51.117	ug/l	100
79) 2-Chlorotoluene	11.42	91	343973	49.277	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	423900	50.859	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52837	46.907	ug/l	97
82) 4-Chlorotoluene	11.51	91	401010	50.396	ug/l	99
83) tert-Butylbenzene	11.76	119	398394	49.552	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	427460	50.840	ug/l	99
85) sec-Butylbenzene	11.94	105	488447	52.232	ug/l	100
86) p-Isopropyltoluene	12.06	119	445512	52.799	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	220304	54.420	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	218114	53.320	ug/l	99
89) n-Butylbenzene	12.39	91	403467	54.263	ug/l	99
90) Hexachloroethane	12.59	117	76845	51.083	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	217113	53.570	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38641	46.928	ug/l	97

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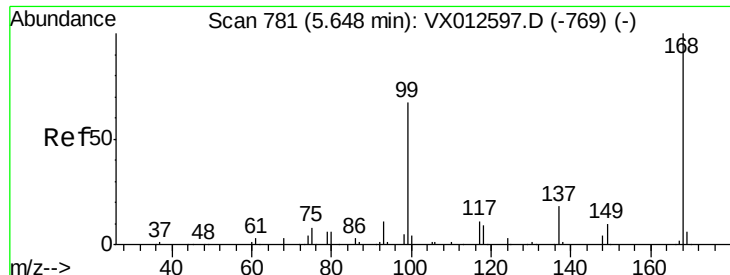
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	140746	56.944	ug/l	100
94) Hexachlorobutadiene	13.78	225	63677	59.886	ug/l	98
95) Naphthalene	13.83	128	462951	51.770	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	140223	56.635	ug/l	99

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



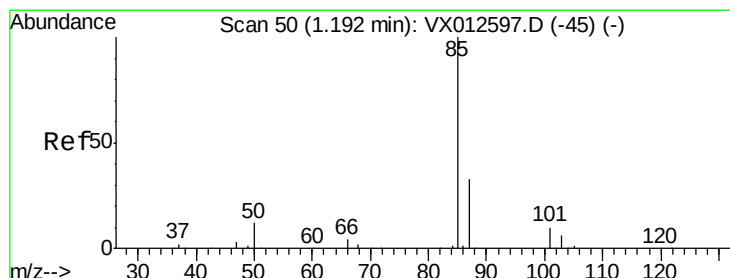
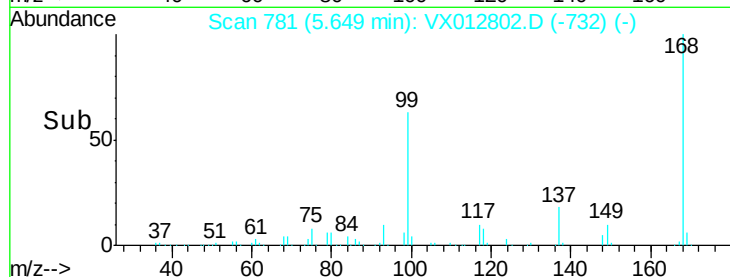
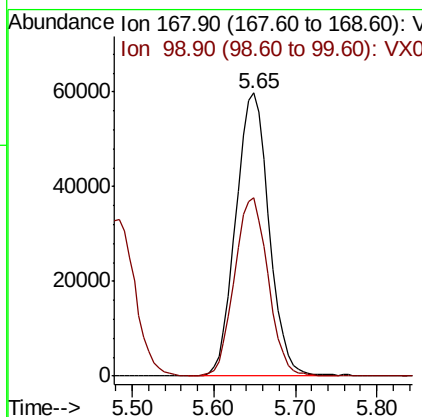
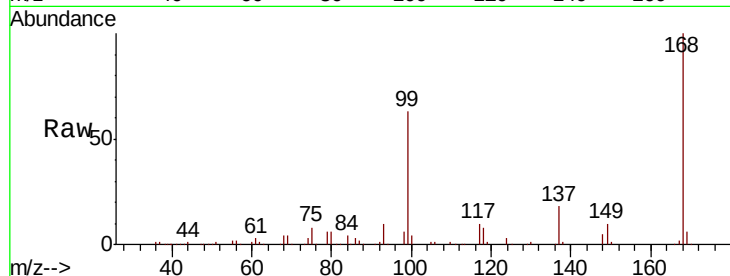
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:168 Resp: 169463
Ion Ratio Lower Upper
168 100
99 63.1 51.4 77.2

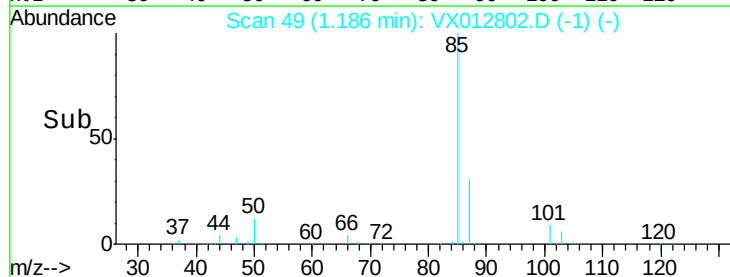
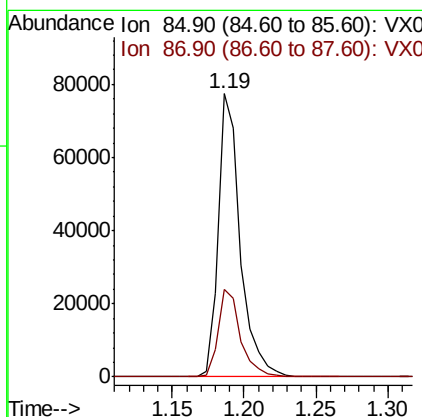
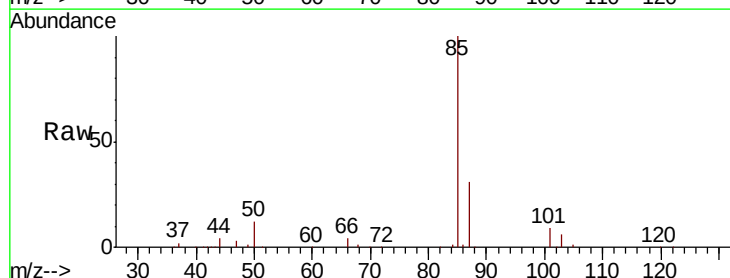
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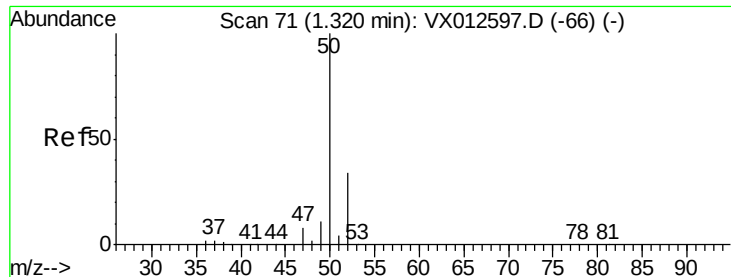
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#2
Dichlorodifluoromethane
Concen: 43.245 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion: 85 Resp: 82442
Ion Ratio Lower Upper
85 100
87 30.7 15.6 46.8





#3

Chloromethane

Concen: 40.896 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 89526

Ion Ratio Lower Upper

50 100

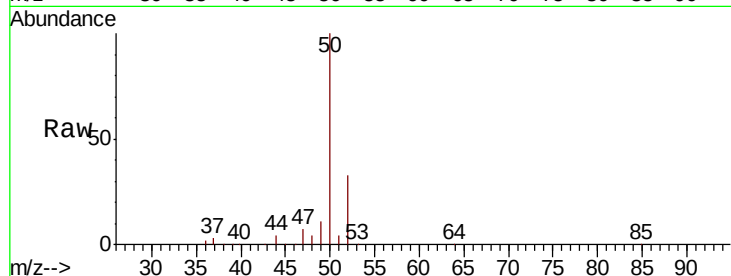
52 32.8 25.7 38.5

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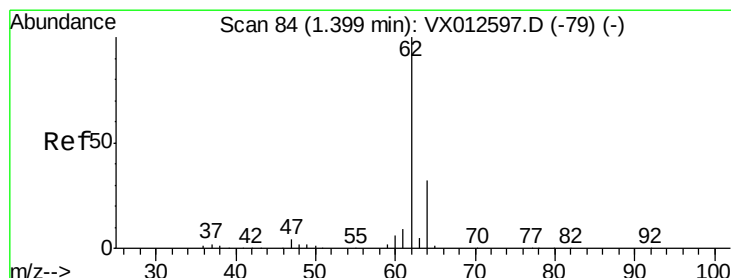
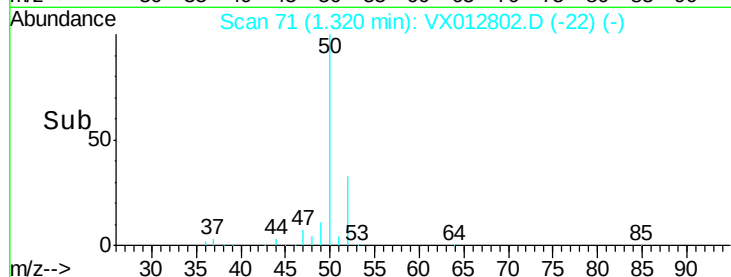
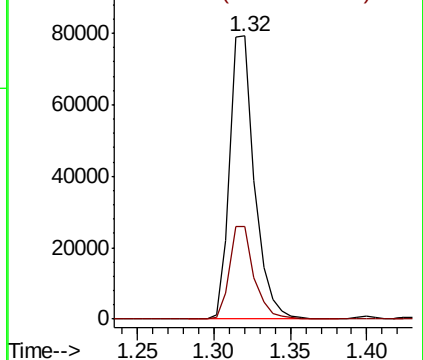
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.747 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012802.D

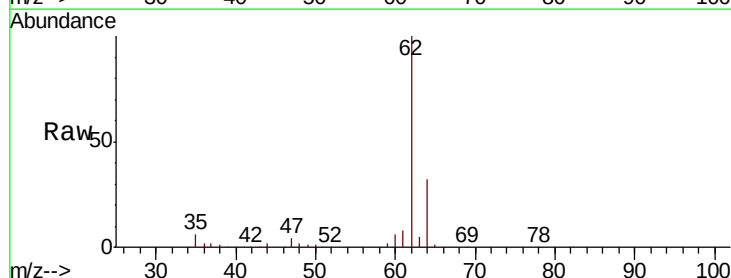
Acq: 04 Oct 2019 11:06

Tgt Ion: 62 Resp: 95190

Ion Ratio Lower Upper

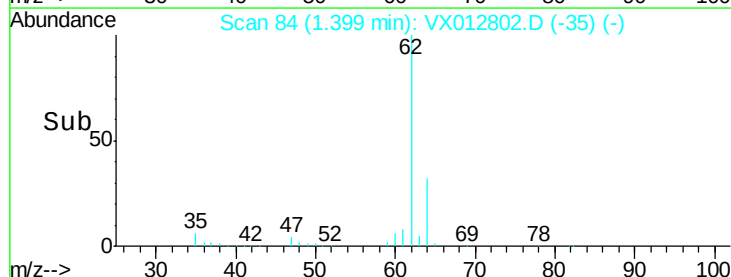
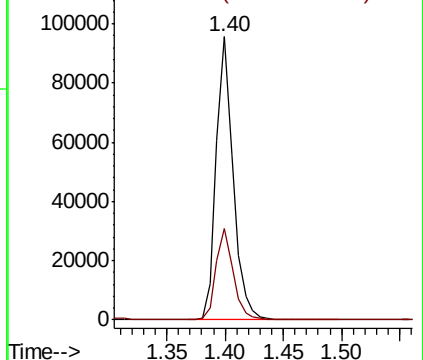
62 100

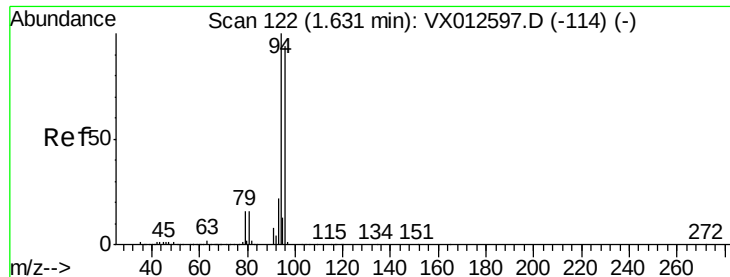
64 32.0 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.090 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 36864

Ion Ratio Lower Upper

94 100

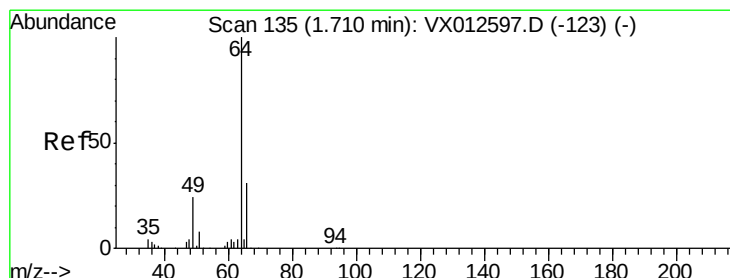
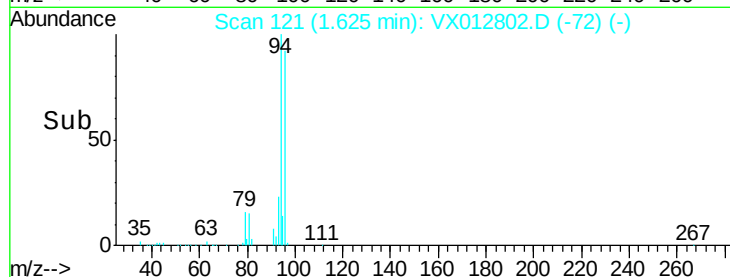
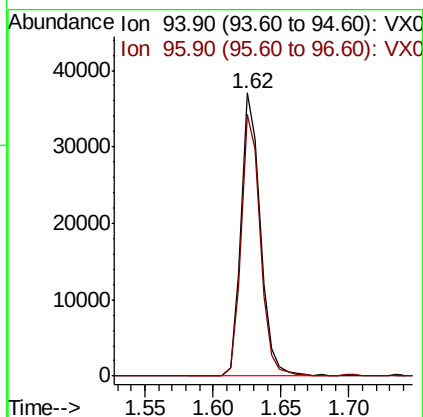
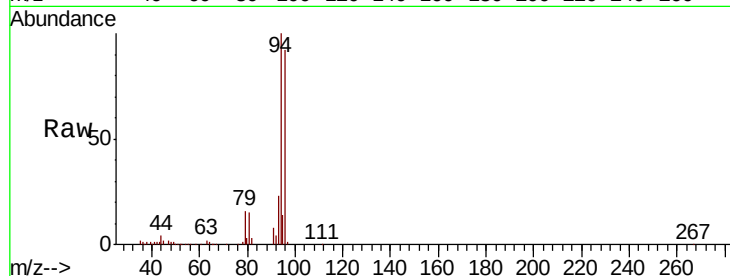
96 92.4 72.8 109.2

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#6

Chloroethane

Concen: 42.147 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012802.D

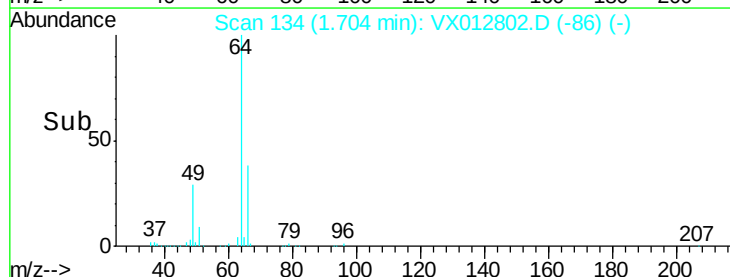
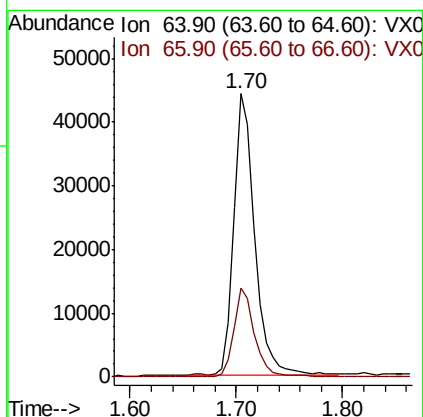
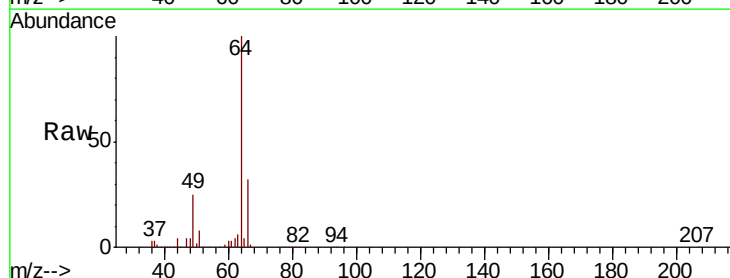
Acq: 04 Oct 2019 11:06

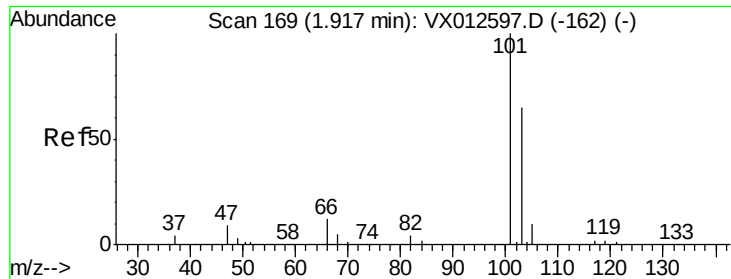
Tgt Ion: 64 Resp: 61824

Ion Ratio Lower Upper

64 100

66 31.6 24.0 36.0





#7

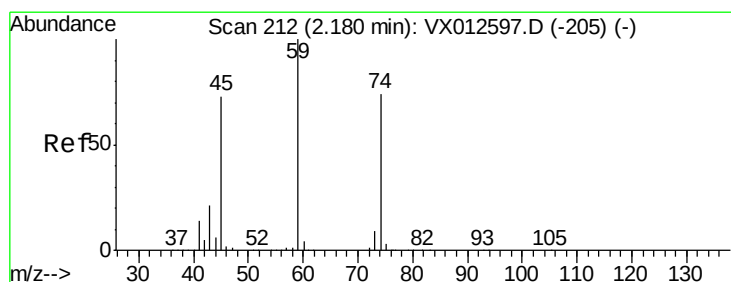
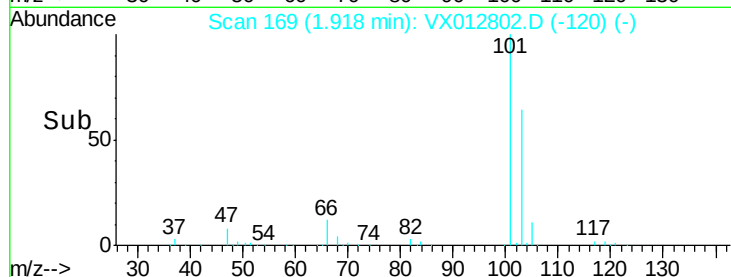
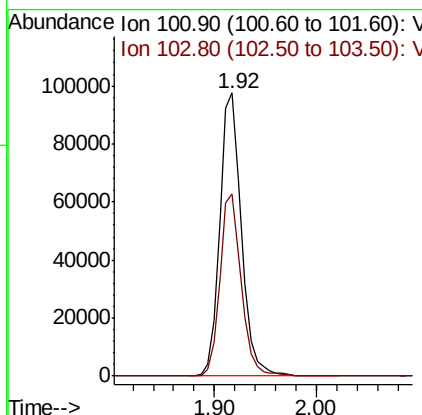
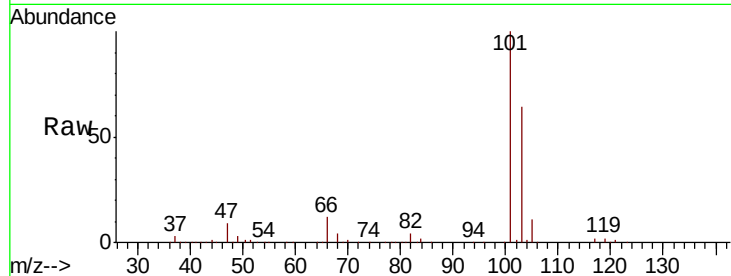
Trichlorofluoromethane
Concen: 47.232 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.0	76.4

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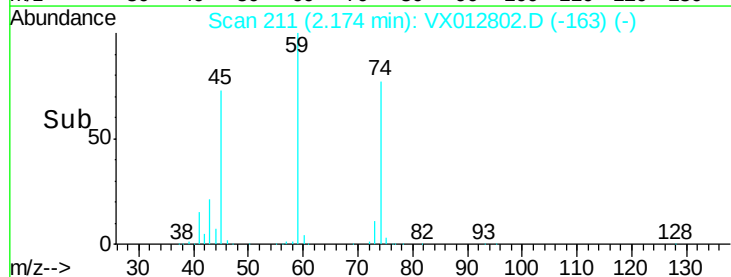
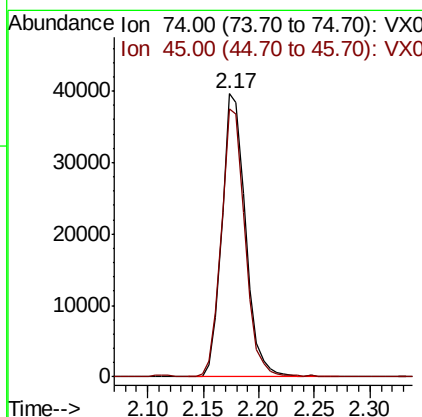
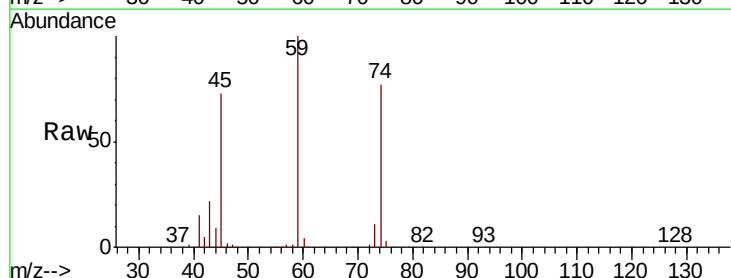
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10/7/2019 9:26:51 AM

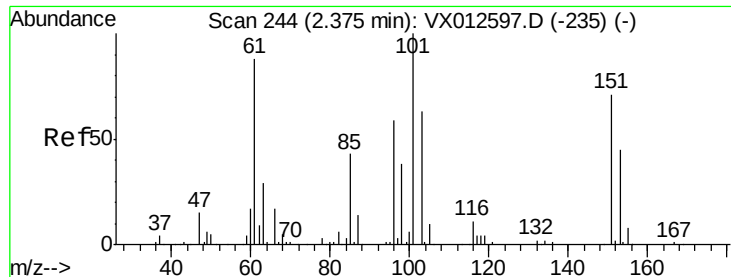


#8

Diethyl Ether
Concen: 46.421 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.3	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.029 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

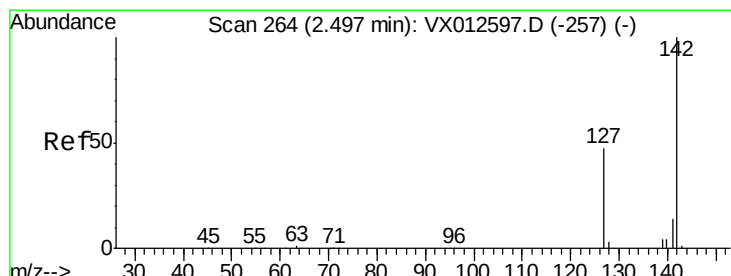
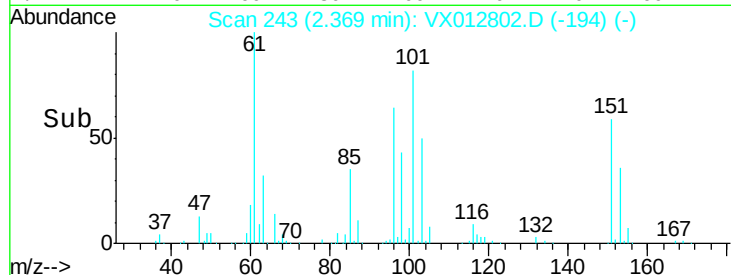
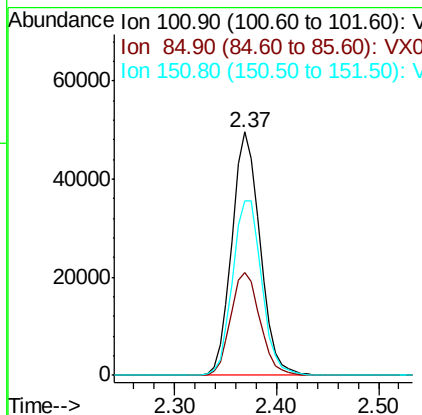
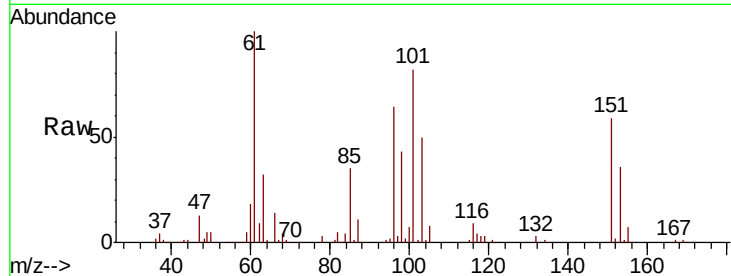
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	94950
Ion Ratio	Lower	Upper	
101	100		
85	43.9	37.3	55.9
151	74.3	61.0	91.4

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#10

Methyl Iodide

Concen: 45.500 ug/l

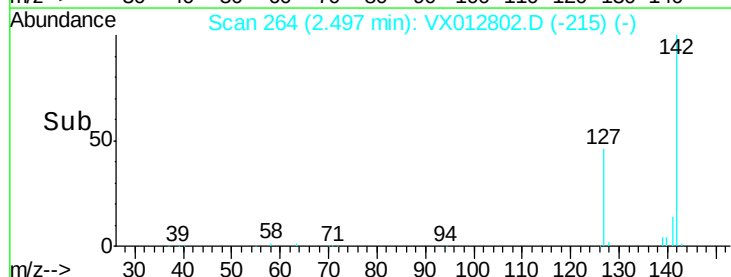
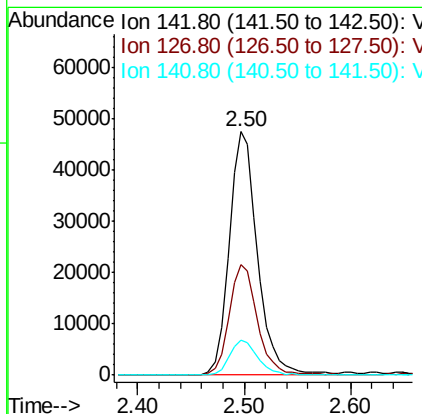
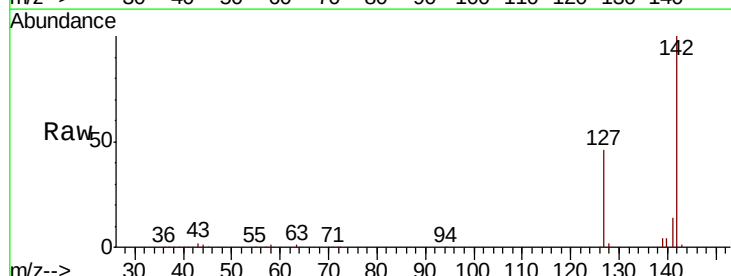
RT: 2.50 min Scan# 264

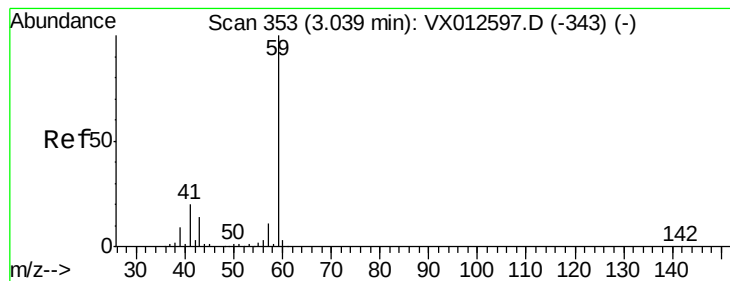
Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Tgt Ion:	142	Resp:	88221
Ion Ratio	Lower	Upper	
142	100		
127	45.6	40.8	61.2
141	14.3	12.1	18.1





#11

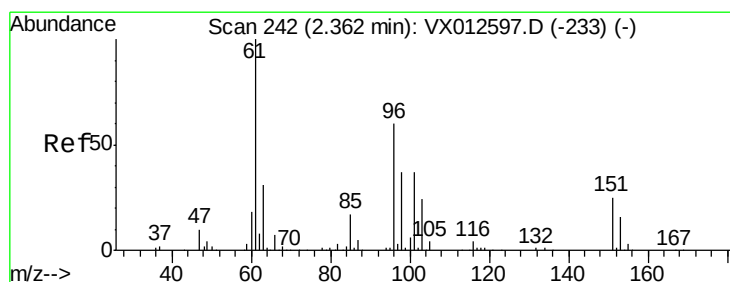
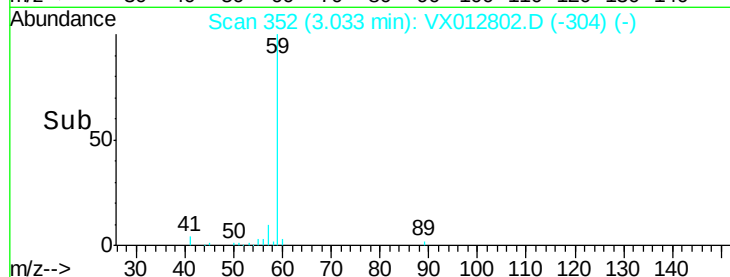
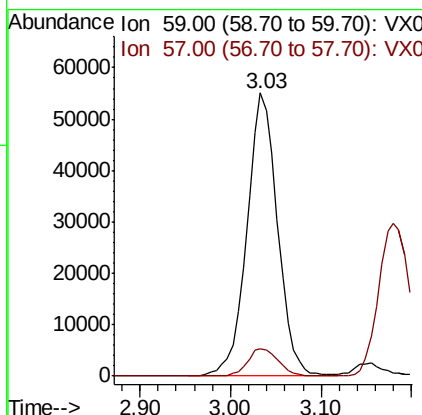
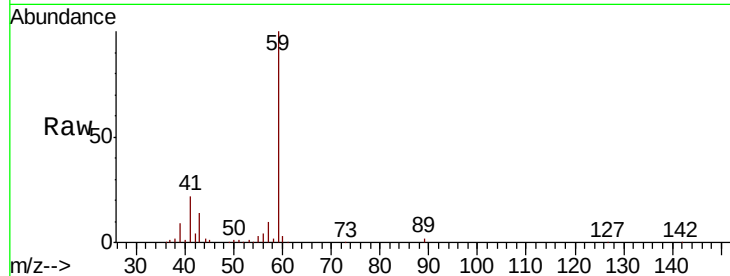
Tert butyl alcohol
 Concen: 209.183 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	128951
Ion Ratio	100	Lower	Upper
57	9.7	8.3	12.5

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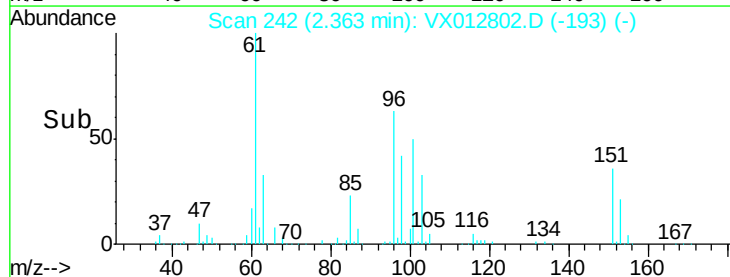
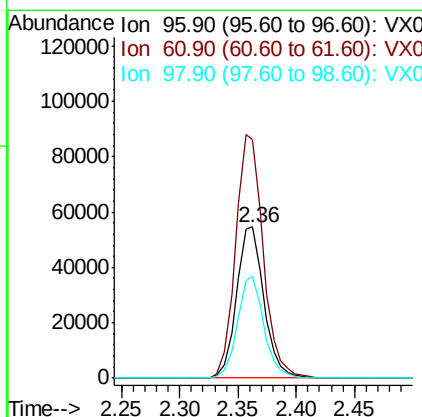
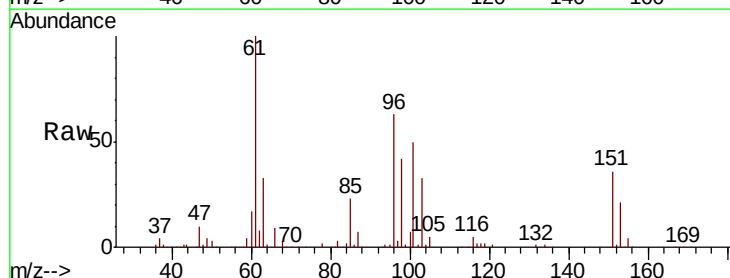
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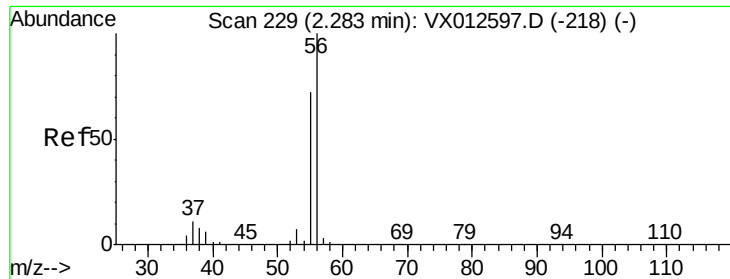


#12

1,1-Dichloroethene
 Concen: 49.184 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Tgt Ion	96	Resp	89615
Ion Ratio	100	Lower	Upper
61	157.9	133.8	200.6
98	67.0	49.9	74.9





#13

Acrolein

Concen: 230.925 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 79020

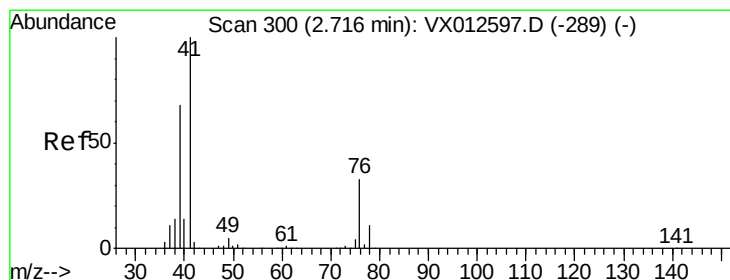
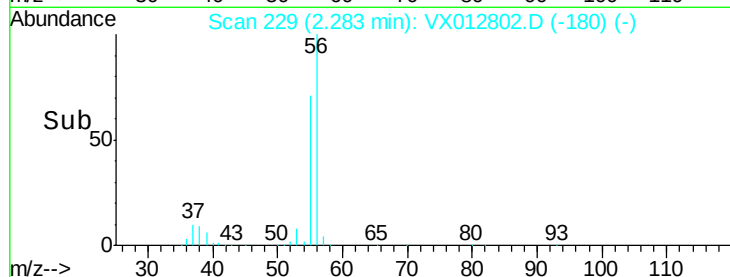
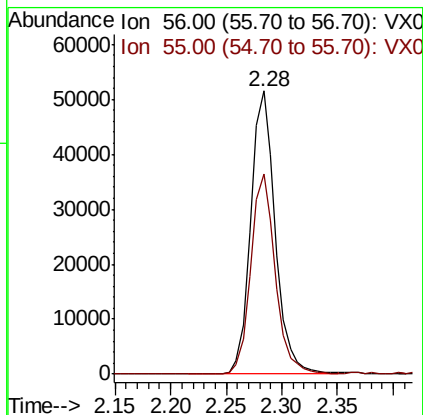
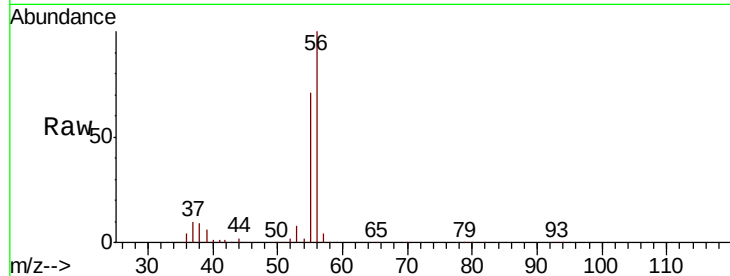
Ion Ratio Lower Upper

56 100

55 70.4 55.8 83.8

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#14

Allyl chloride

Concen: 44.898 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

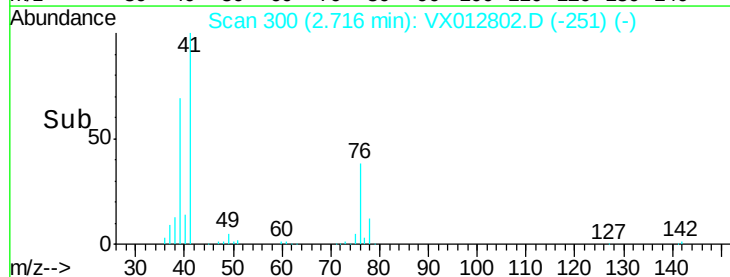
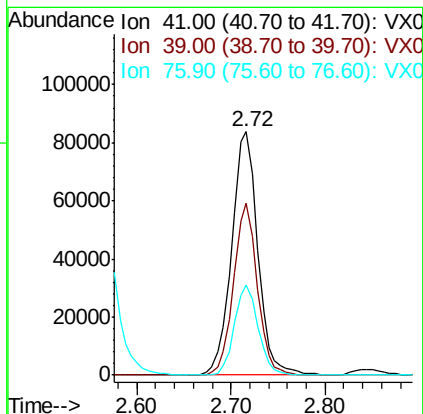
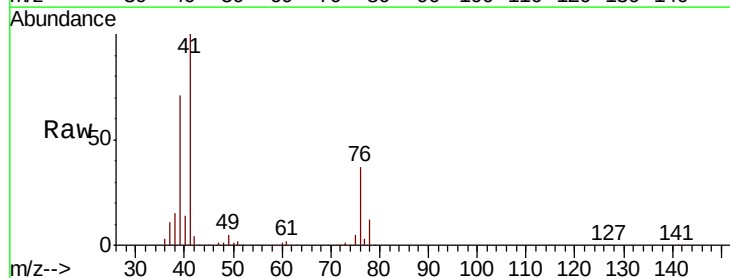
Tgt Ion: 41 Resp: 162304

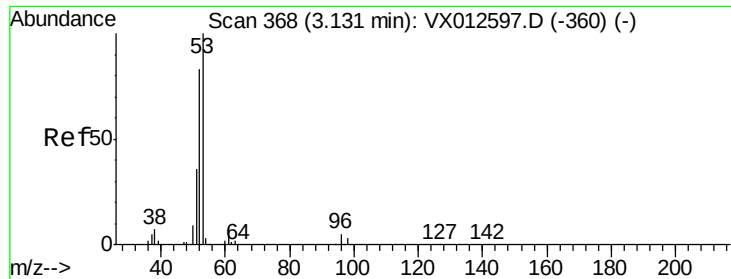
Ion Ratio Lower Upper

41 100

39 64.2 51.3 76.9

76 33.6 22.6 33.8





#15

Acrylonitrile

Concen: 226.886 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

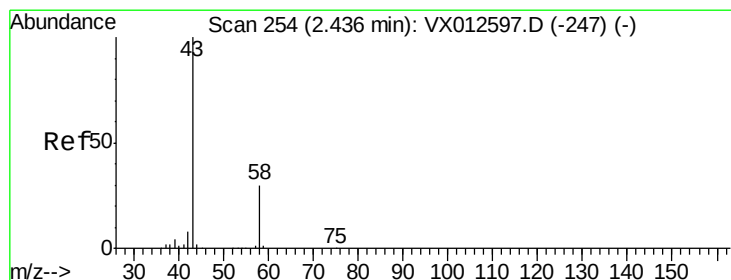
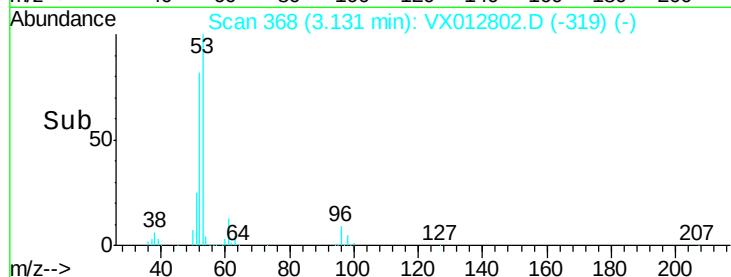
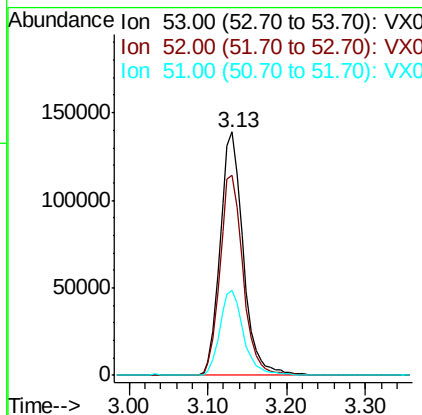
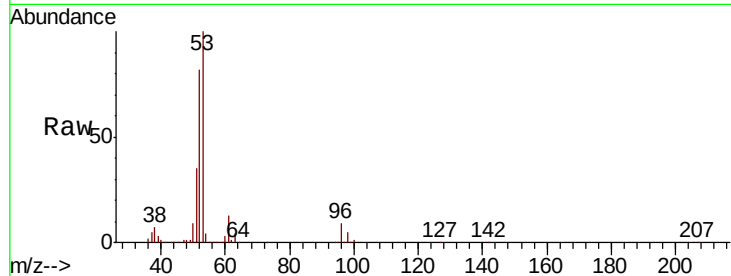
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	283754
Ion Ratio	Lower	Upper	
53	100		
52	82.0	67.0	100.4
51	35.9	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 238.383 ug/l

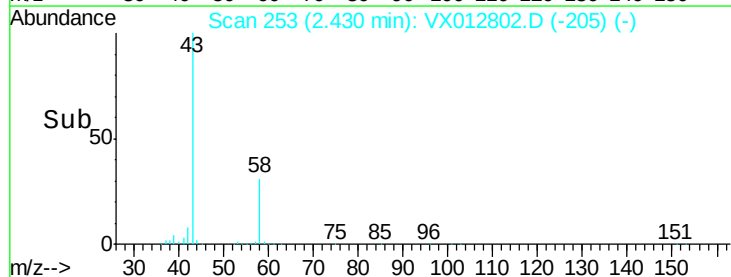
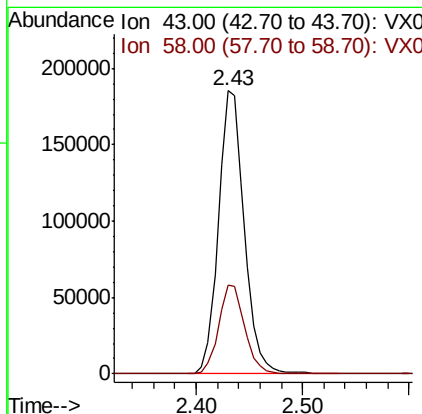
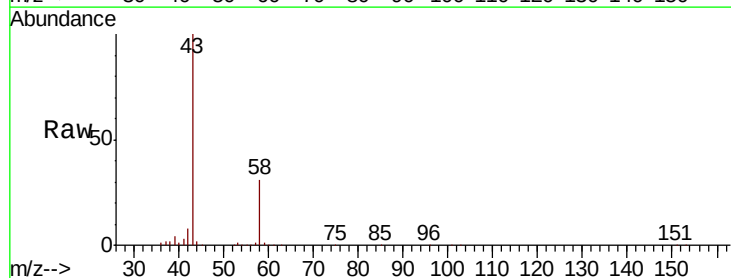
RT: 2.43 min Scan# 253

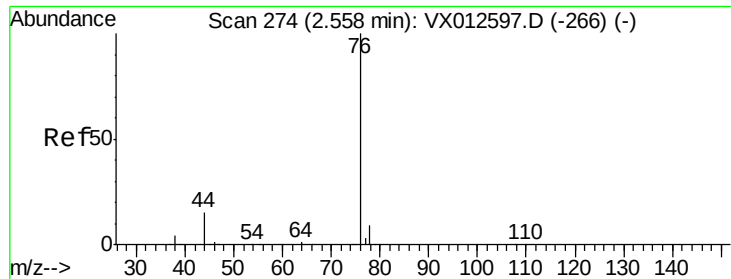
Delta R.T. -0.01 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Tgt Ion:	43	Resp:	311590
Ion Ratio	Lower	Upper	
43	100		
58	31.2	23.3	34.9





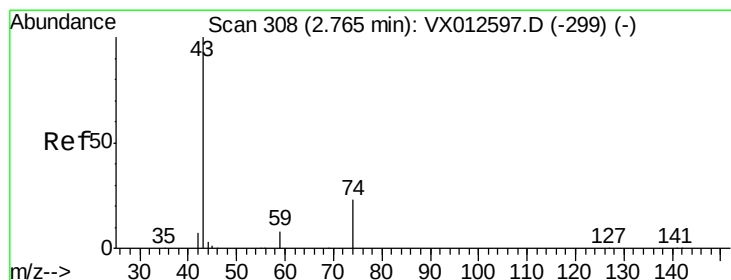
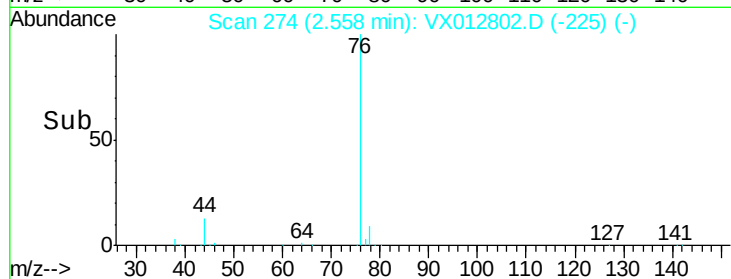
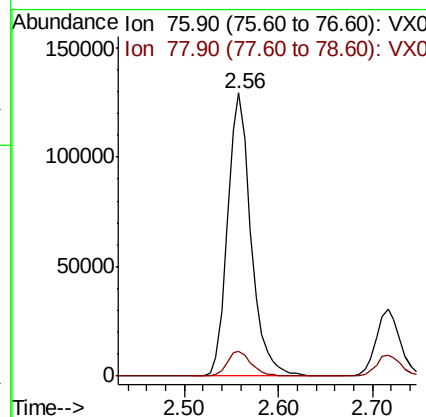
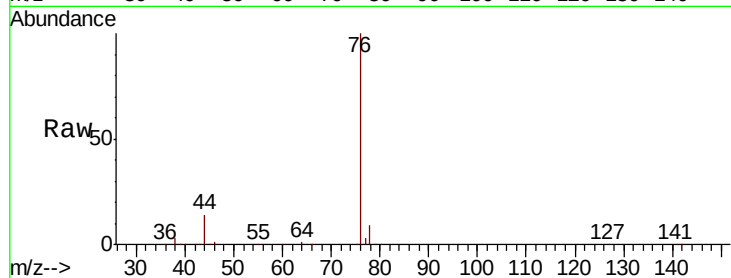
#17
Carbon Disulfide
Concen: 43.560 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

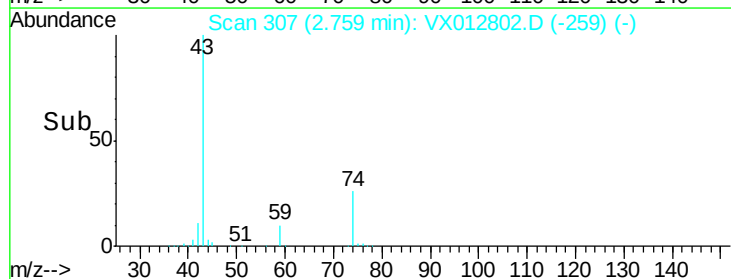
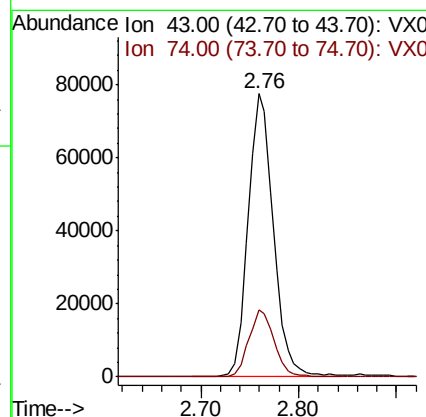
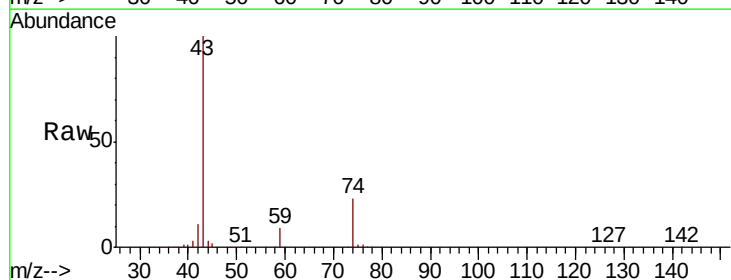
Manual Integrations
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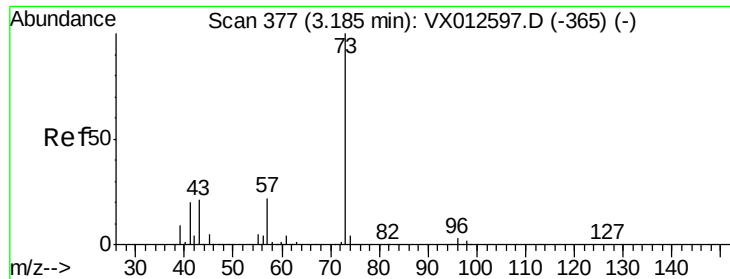
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#18
Methyl Acetate
Concen: 45.210 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	17.7	26.5





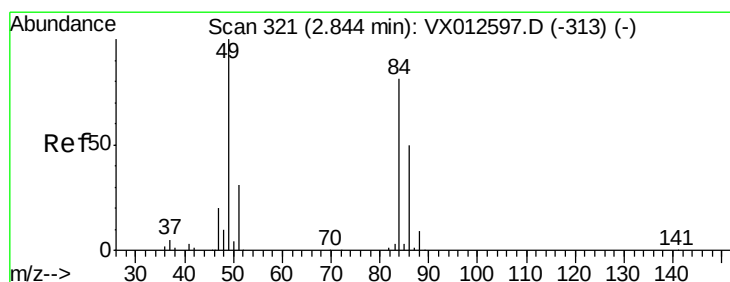
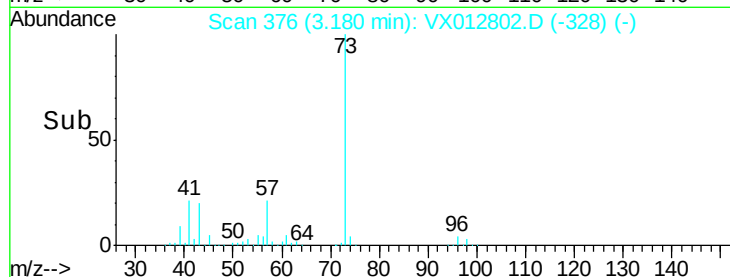
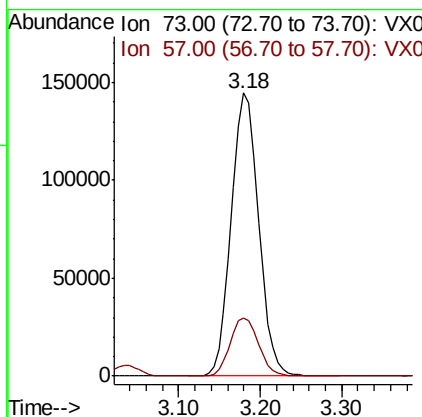
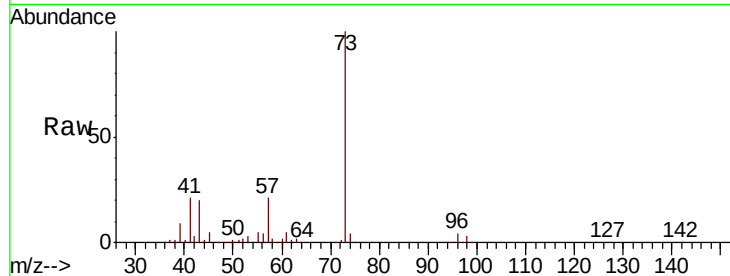
#19
Methyl tert-butyl Ether
Concen: 48.514 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.6	16.8	25.2

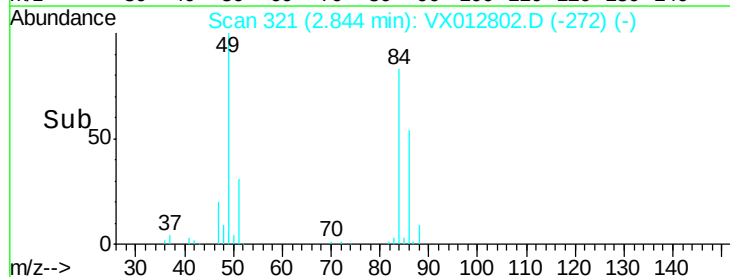
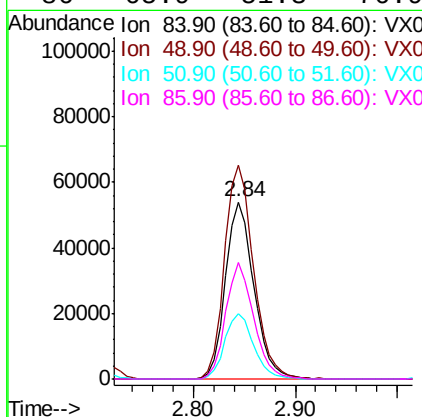
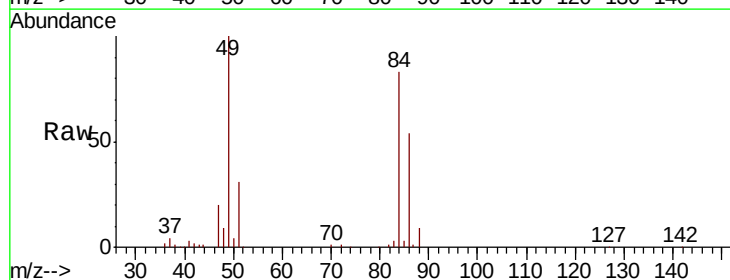
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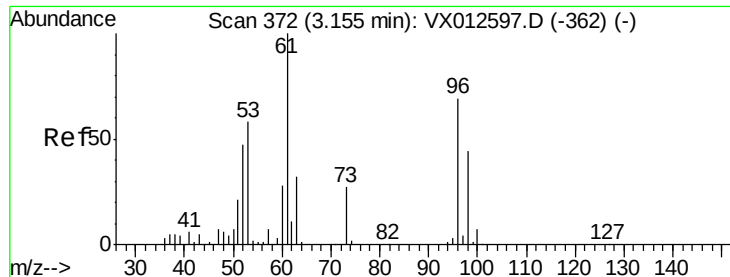
MMDadoda
10/7/2019 9:26:51 AM



#20
Methylene Chloride
Concen: 47.270 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.9	106.8	160.2
51	37.1	32.3	48.5
86	65.9	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 48.894 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 98695

Ion Ratio Lower Upper

96 100

61 140.5 112.0 168.0

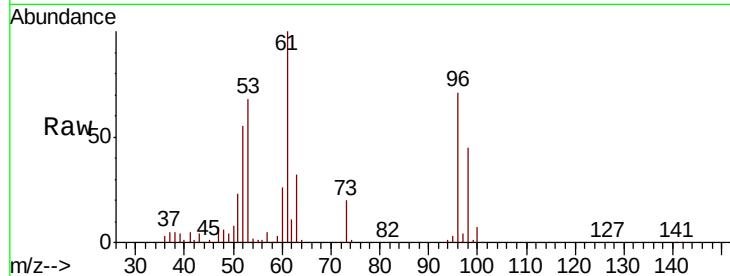
98 63.4 47.8 71.8

Manual Integrations

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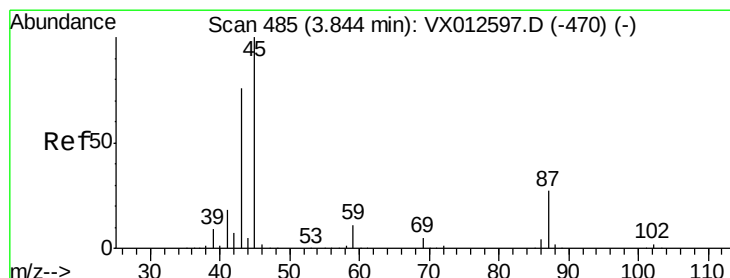
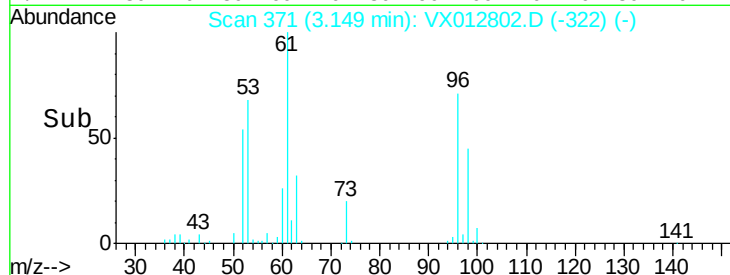
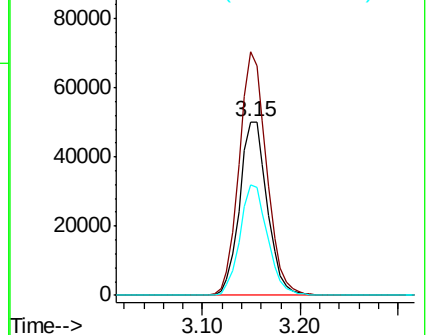
10/7/2019 9:26:51 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 47.099 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Tgt Ion: 45 Resp: 328986

Ion Ratio Lower Upper

45 100

43 63.9 57.8 86.8

87 27.9 21.3 31.9

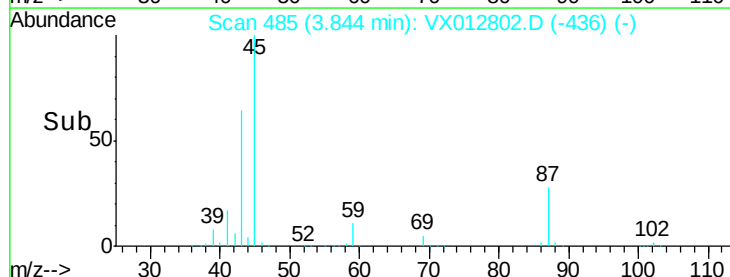
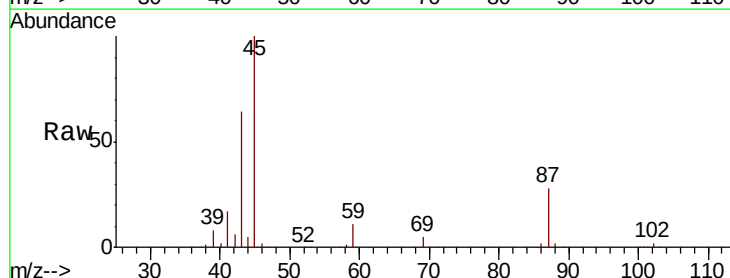
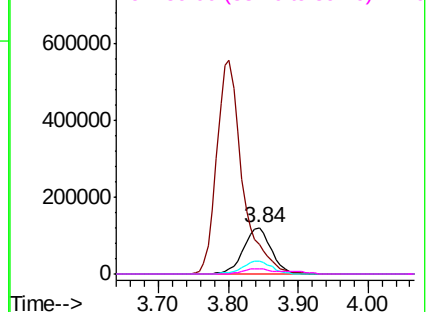
59 11.4 8.5 12.7

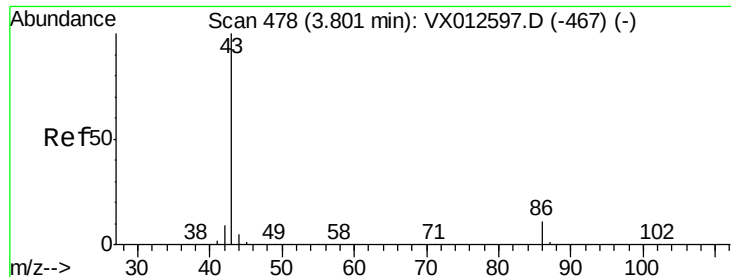
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 231.688 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1419205

Ion Ratio Lower Upper

43 100

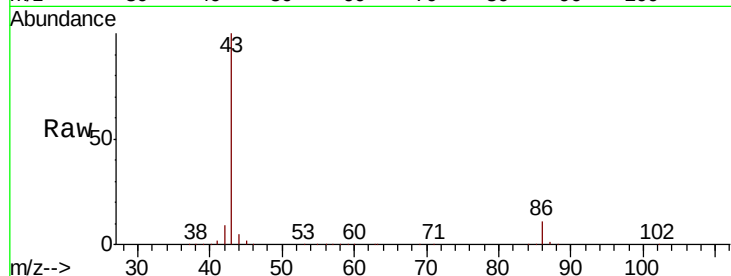
86 11.2 7.8 11.8

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

600000

500000

400000

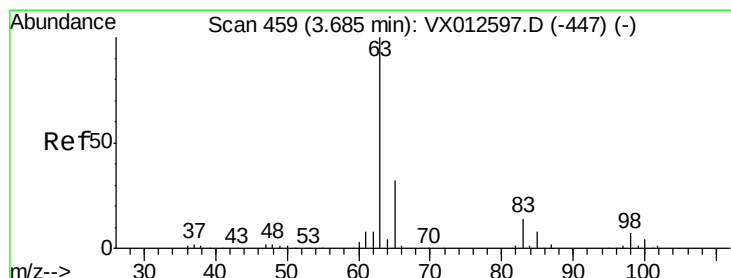
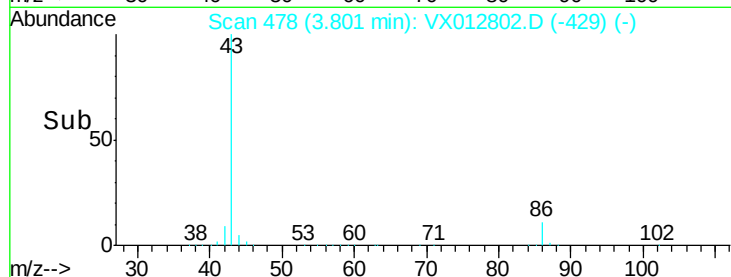
300000

200000

100000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 47.831 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

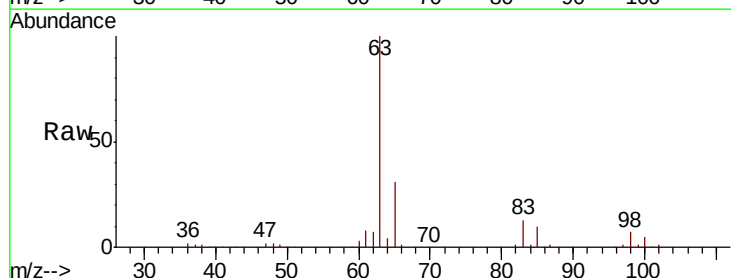
Tgt Ion: 63 Resp: 181607

Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.7

100 5.1 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

100000

80000

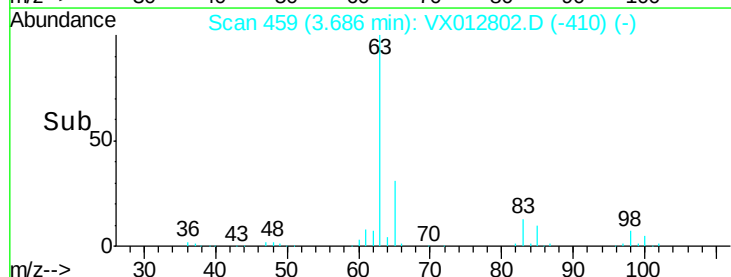
60000

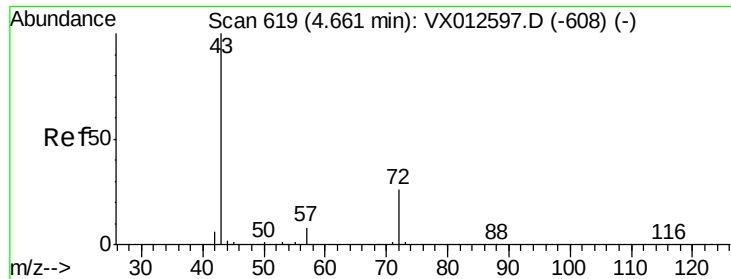
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 220.494 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 413246

Ion Ratio Lower Upper

43 100

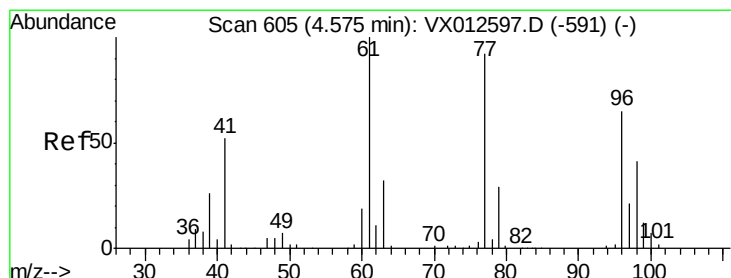
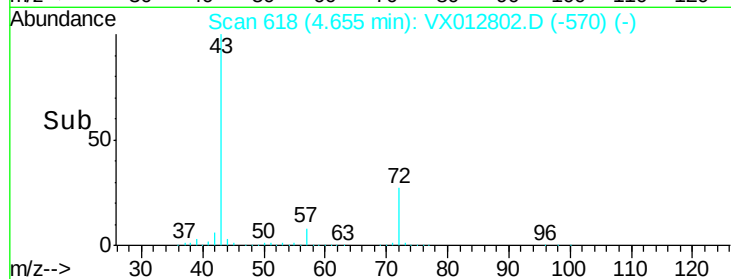
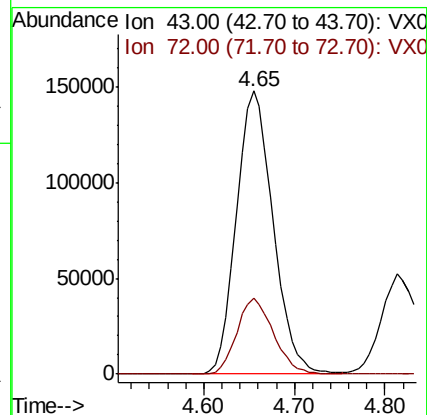
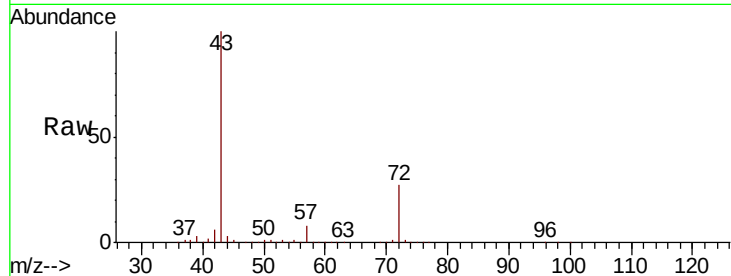
72 26.8 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.044 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012802.D

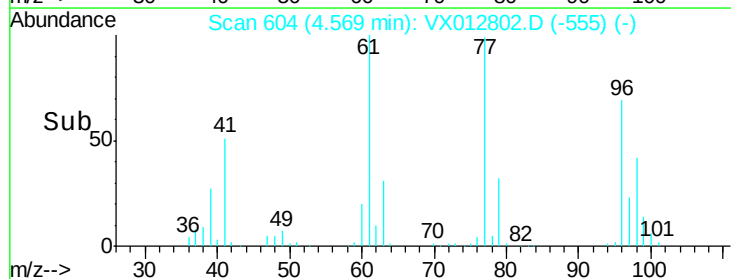
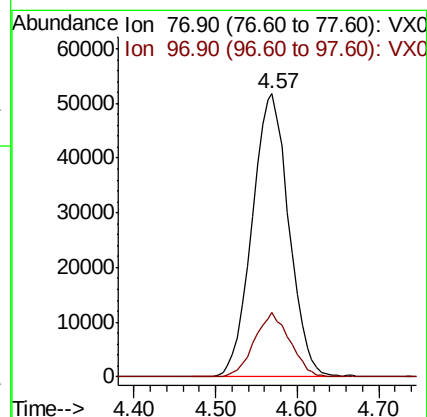
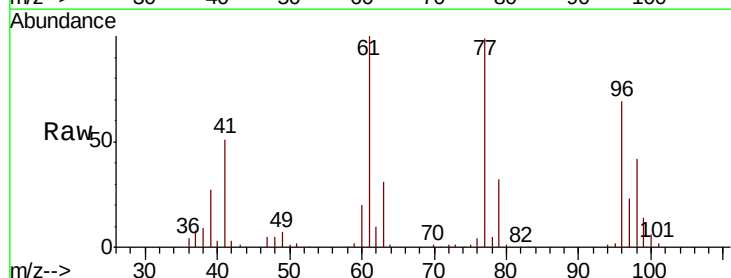
Acq: 04 Oct 2019 11:06

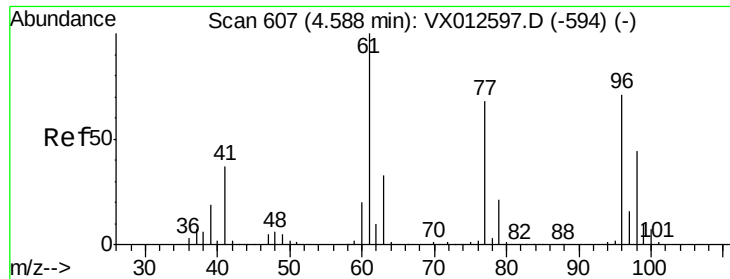
Tgt Ion: 77 Resp: 162242

Ion Ratio Lower Upper

77 100

97 22.1 10.5 31.6





#27

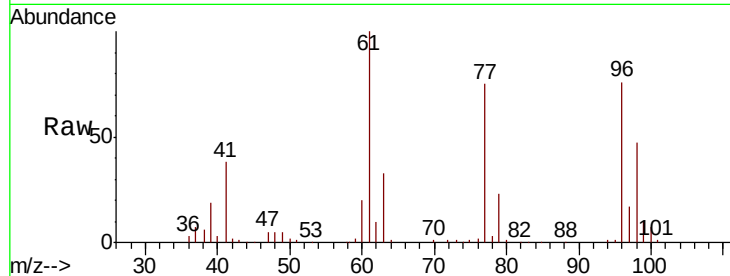
cis-1,2-Dichloroethene
Concen: 49.063 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

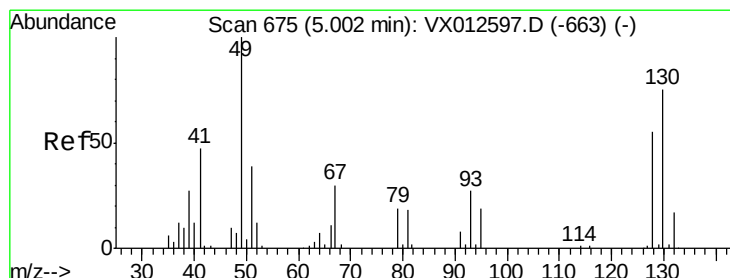
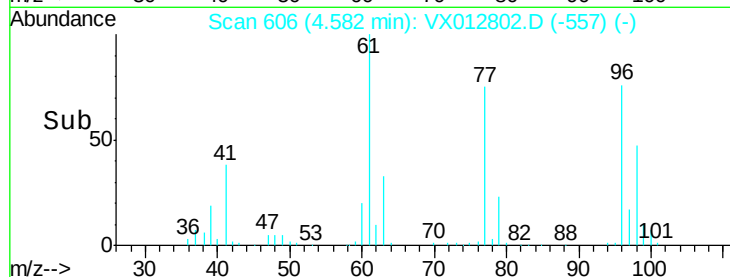
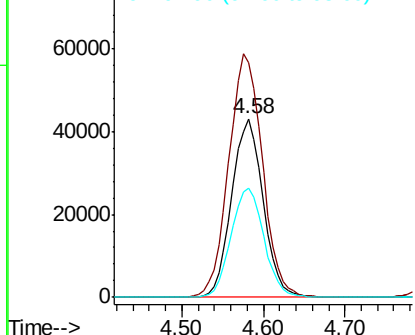
Tot Ion	Ratio	Resp	Lower	Upper
96	100	114914		
61	145.9	0.0	319.4	
98	64.1	0.0	130.6	

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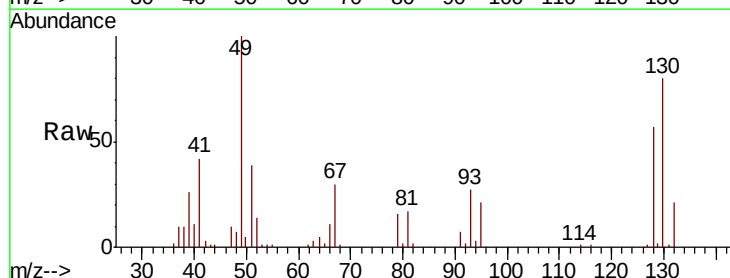
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



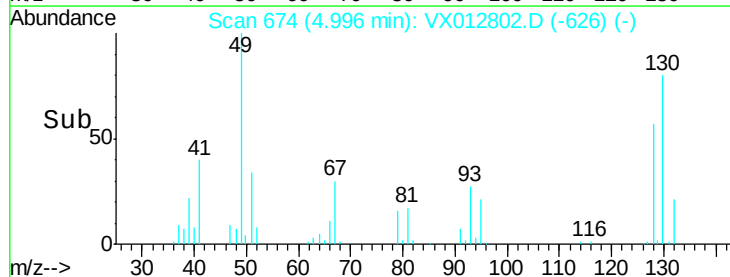
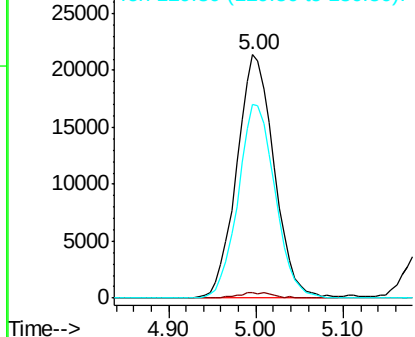
#28

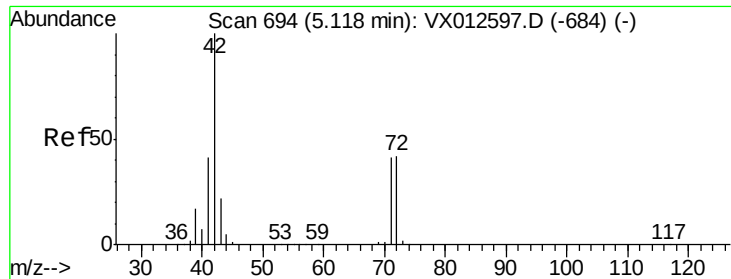
Bromochloromethane
Concen: 46.146 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	63618		
129	2.1	0.0	3.8	
130	78.5	58.2	87.4	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





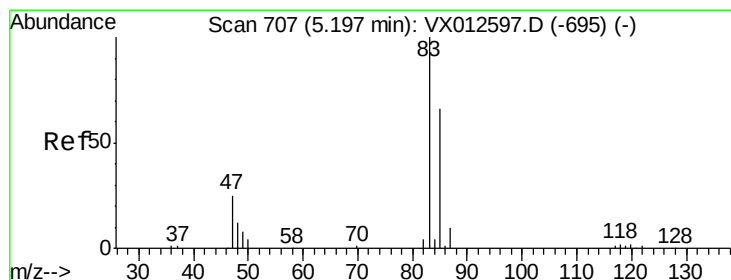
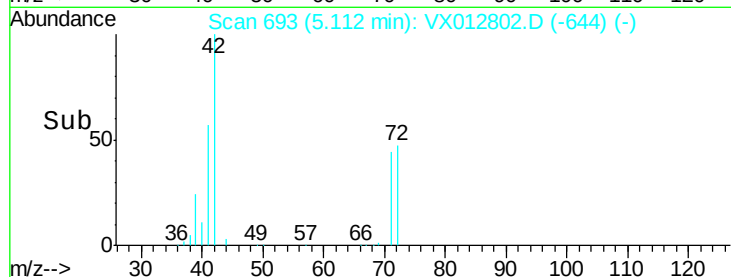
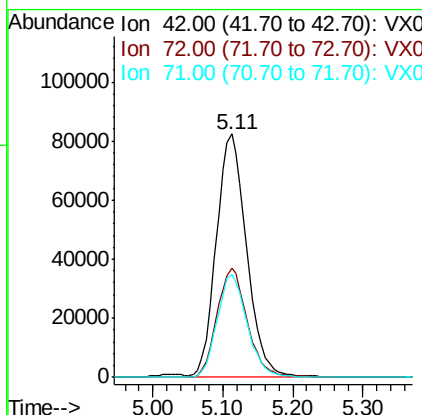
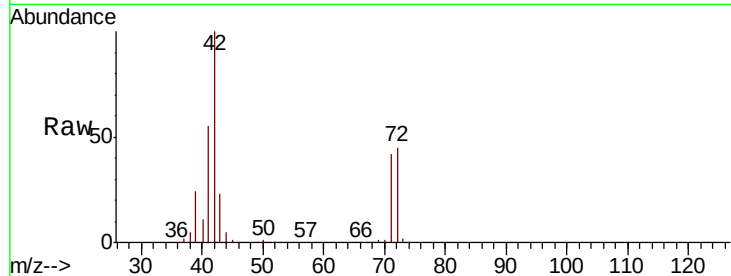
#29
Tetrahydrofuran
Concen: 216.479 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	34.0	51.0
71	41.7	31.5	47.3

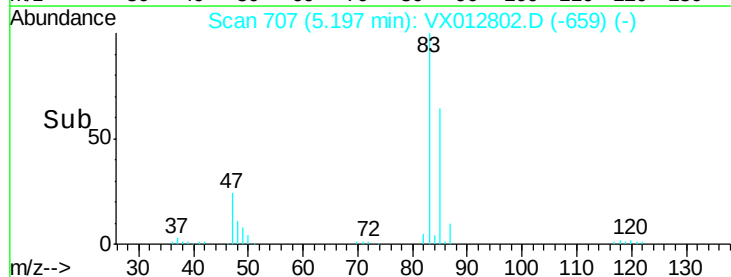
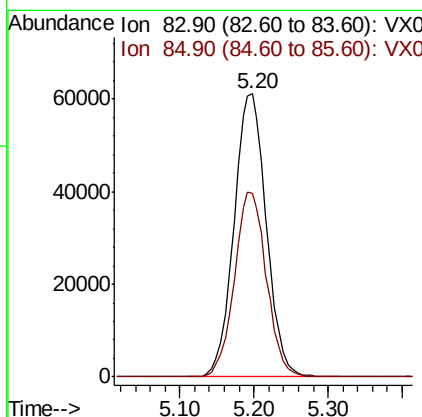
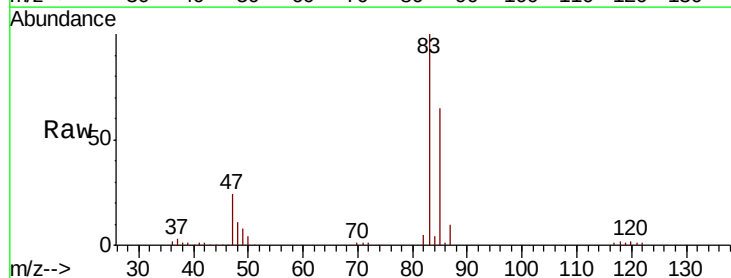
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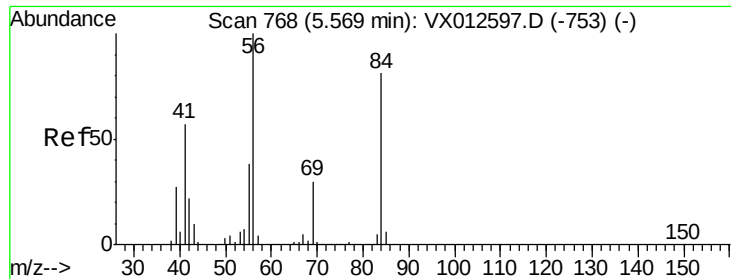
MMDadoda
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#30
Chloroform
Concen: 47.779 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	53.0	79.4





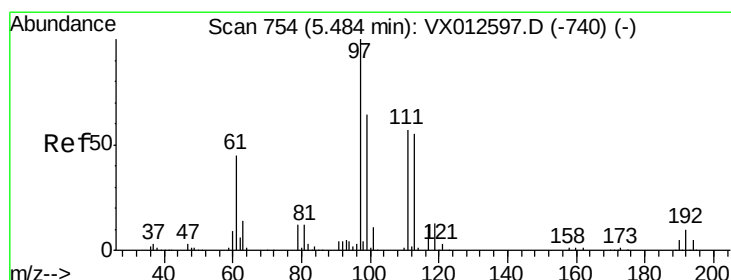
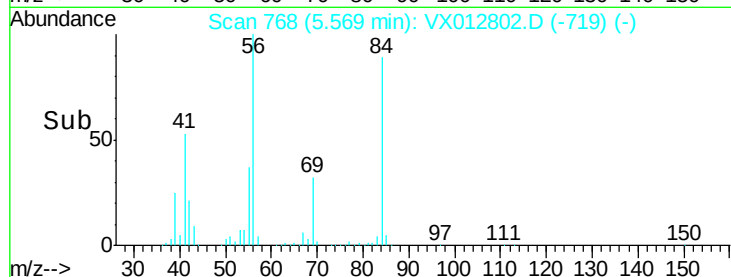
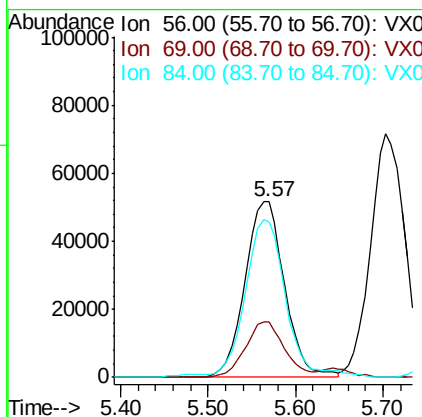
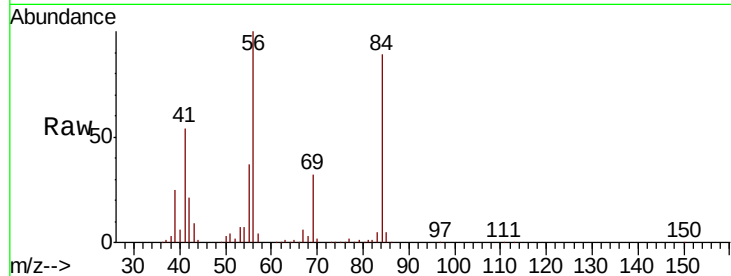
#31
Cyclohexane
Concen: 47.274 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.0	37.6
84	87.2	66.4	99.6

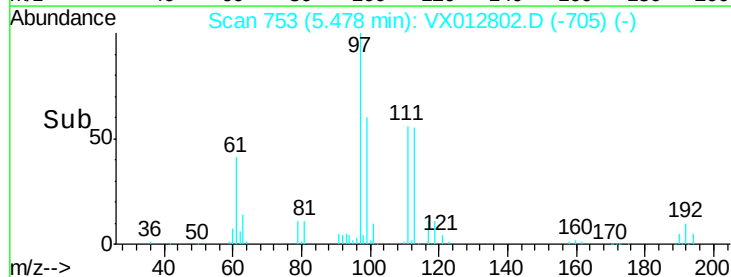
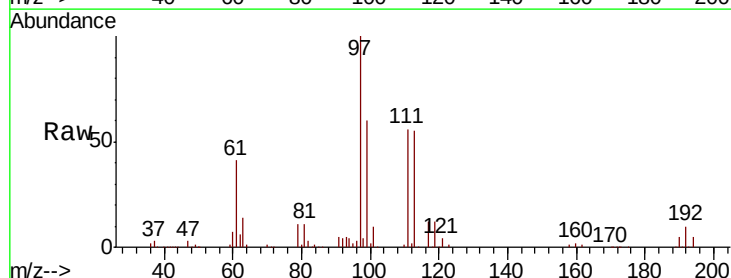
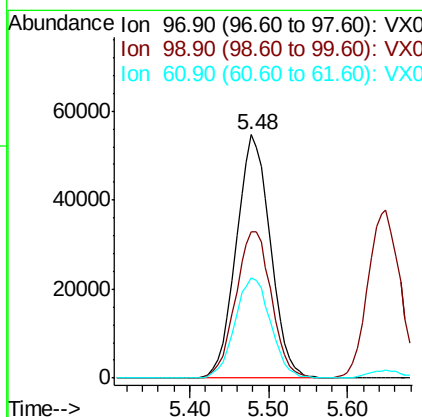
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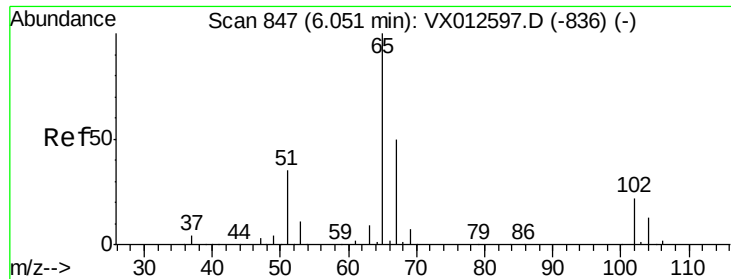
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#32
1,1,1-Trichloroethane
Concen: 47.752 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.3	76.9
61	43.1	36.1	54.1





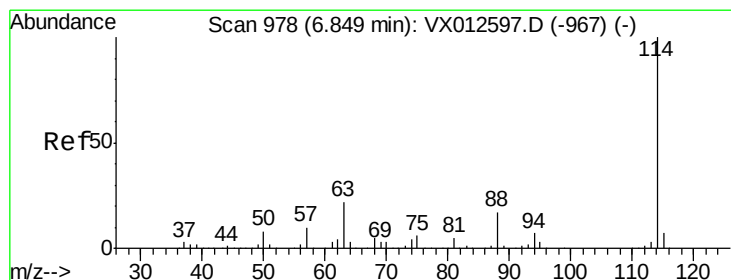
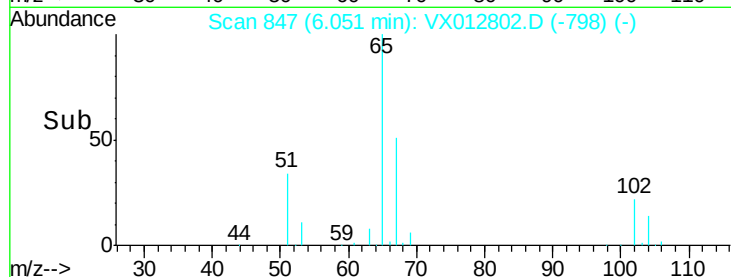
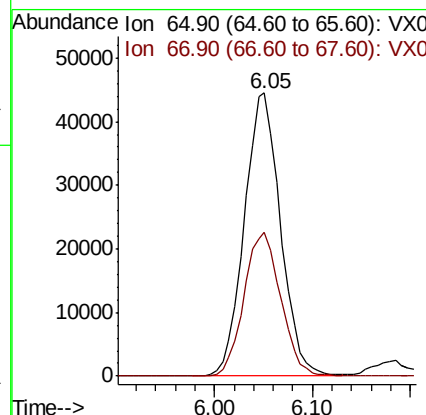
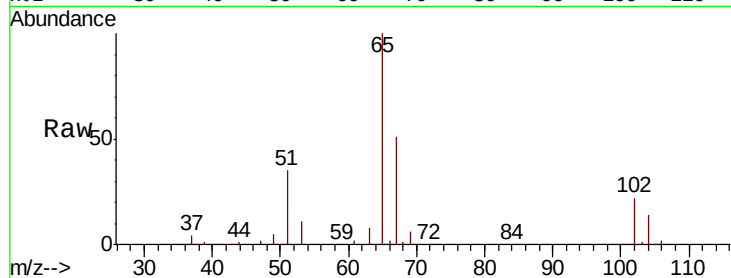
#33
 1,2-Dichloroethane-d4
 Concen: 46.129 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	101.2

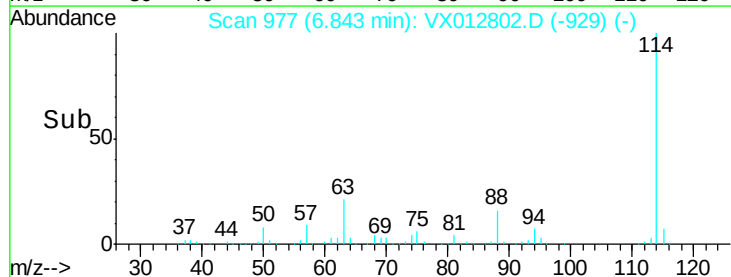
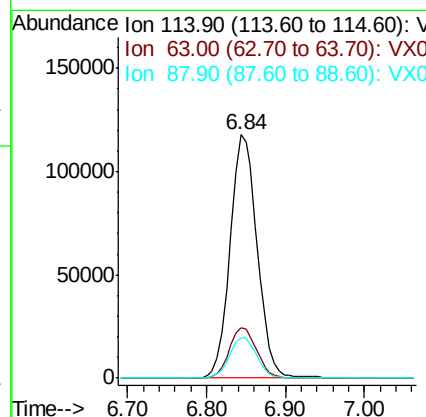
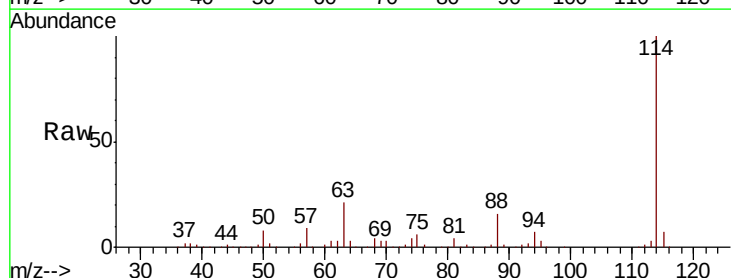
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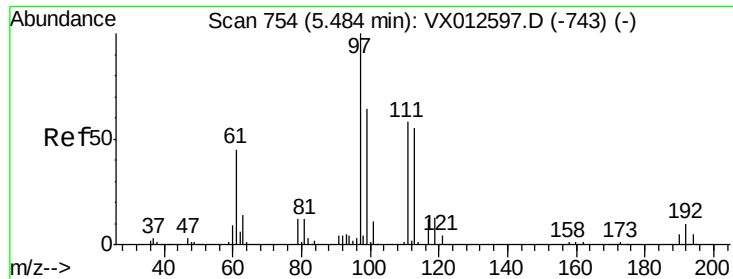
MMDadoda
 10/7/2019 9:26:51 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.2
88	16.3	0.0	33.2





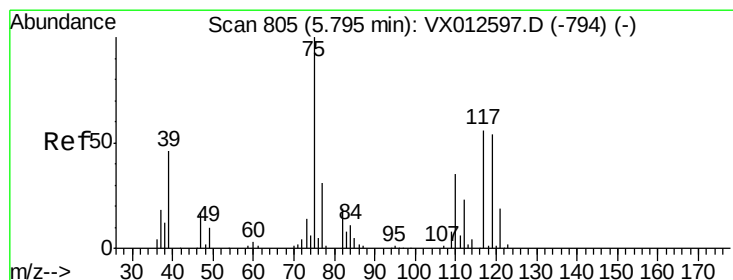
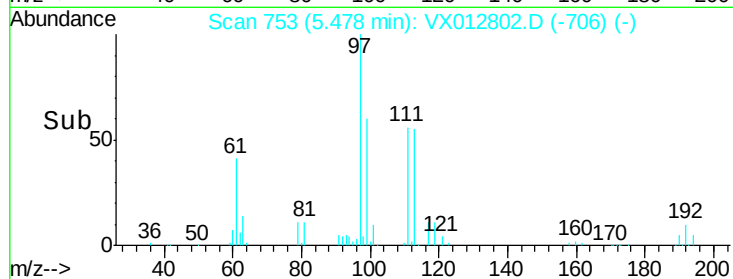
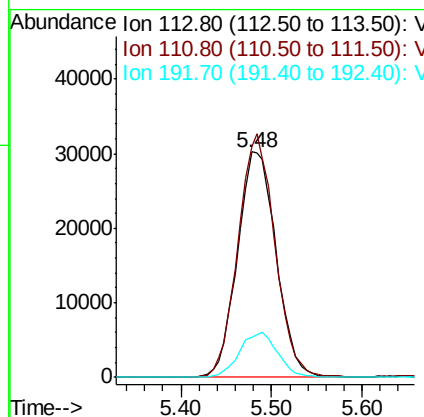
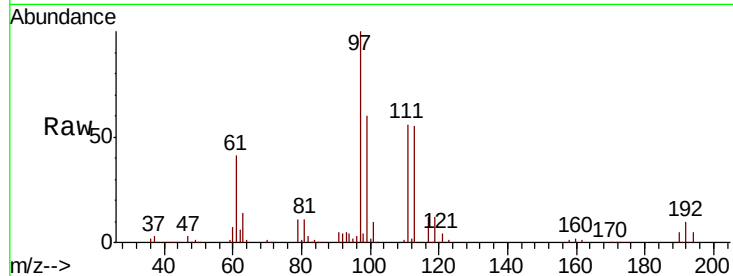
#35
 Dibromofluoromethane
 Concen: 53.430 ug/l
 RT: 5.48 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.4	125.2
192	19.6	14.4	21.6

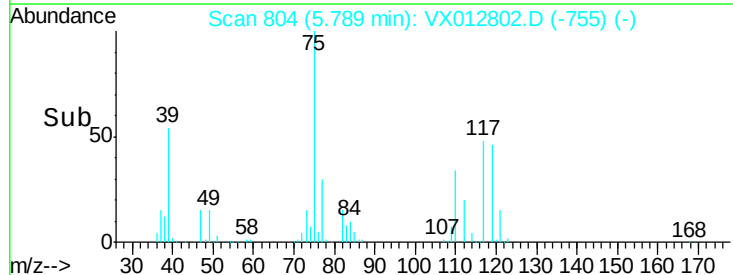
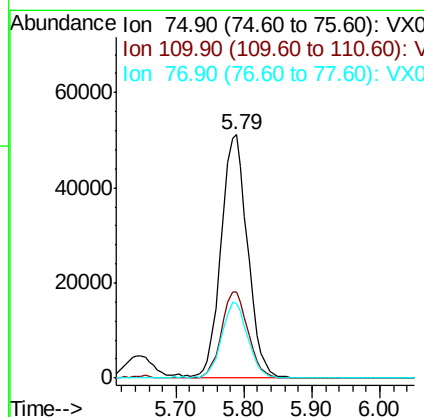
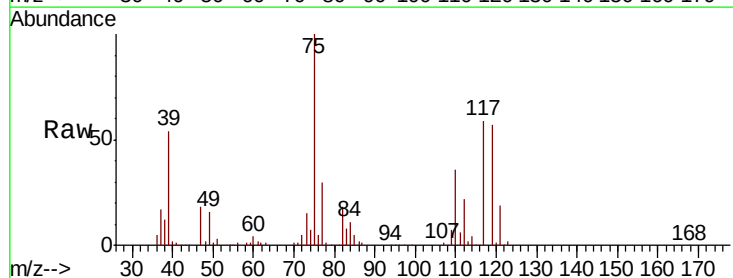
Manual Integrations
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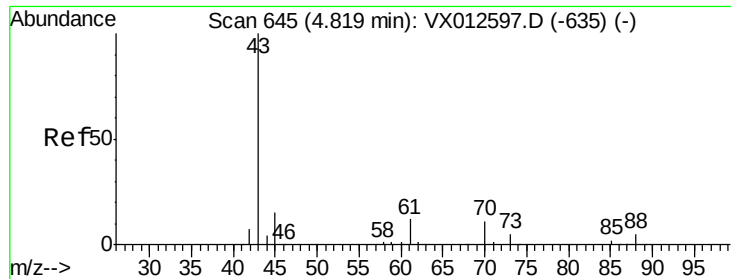
MMDadoda
 10/7/2019 9:26:51 AM



#36
 1,1-Dichloropropene
 Concen: 51.118 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	16.7	50.0
77	30.6	24.2	36.2





#37

Ethyl Acetate

Concen: 47.427 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

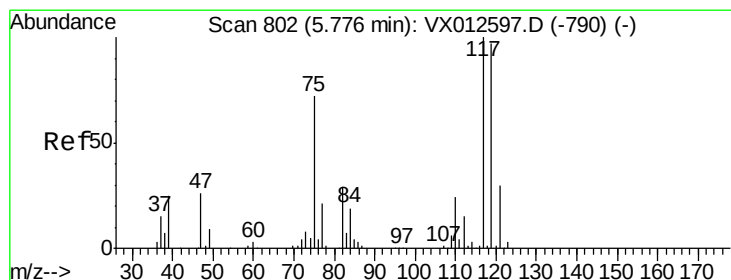
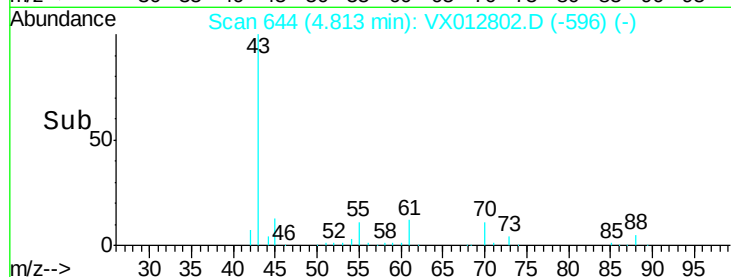
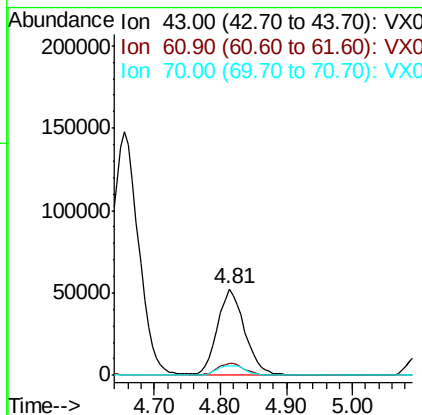
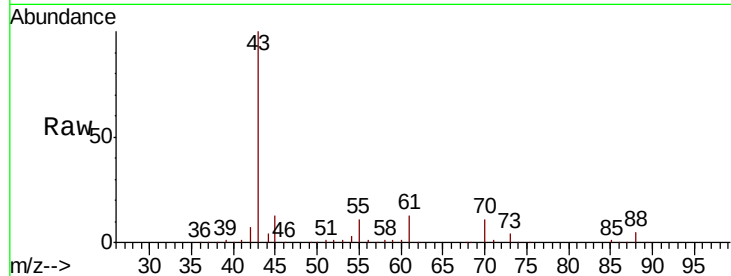
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	150208
Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.2	15.4
70	11.9	8.7	13.1

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 50.669 ug/l

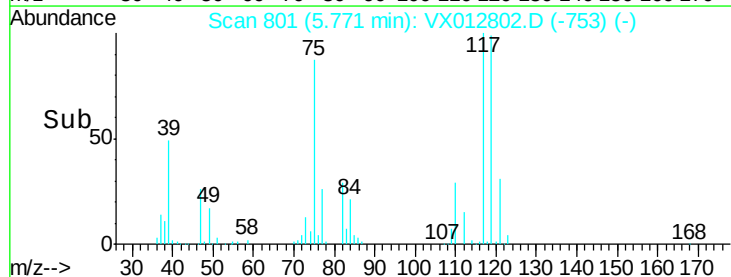
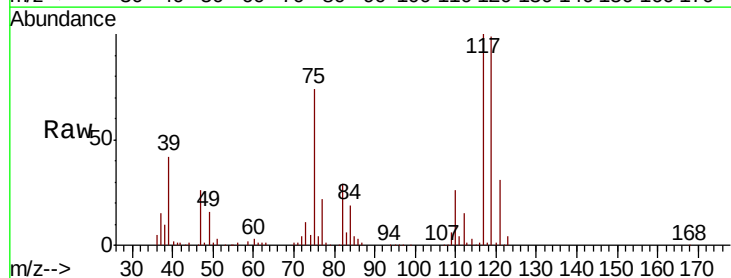
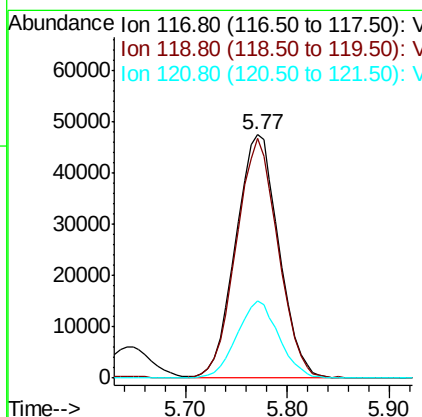
RT: 5.77 min Scan# 801

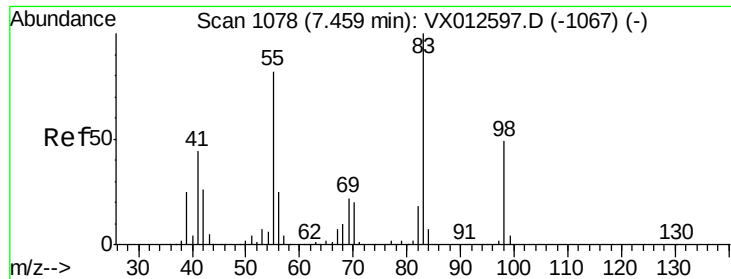
Delta R.T. -0.01 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Tgt Ion:	117	Resp:	139437
Ion	Ratio	Lower	Upper
117	100		
119	98.3	75.7	113.5
121	31.5	24.2	36.4





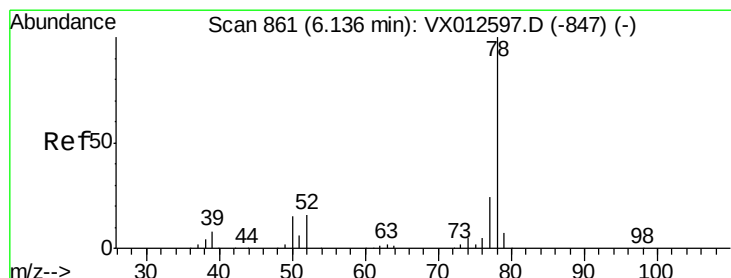
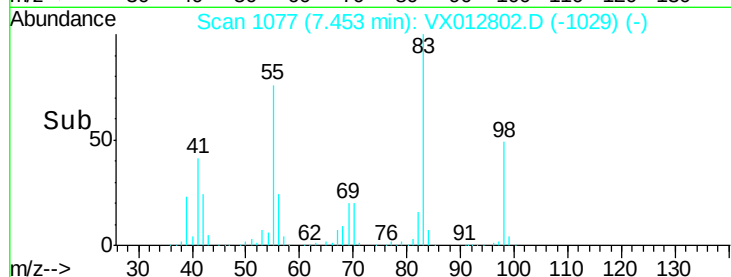
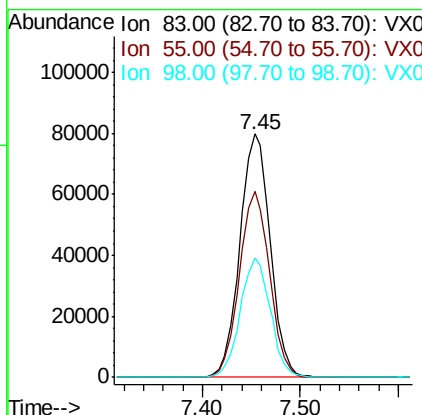
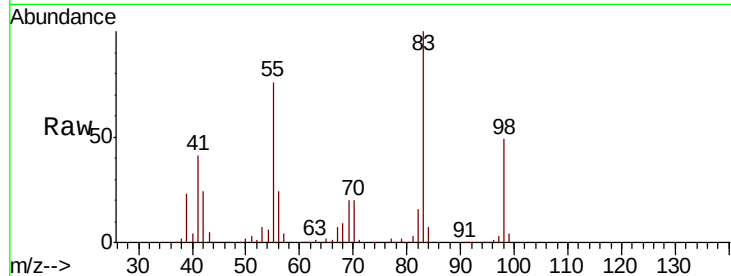
#39
Methylvlcyclohexane
Concen: 52.610 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.3	64.4	96.6
98	49.2	40.1	60.1

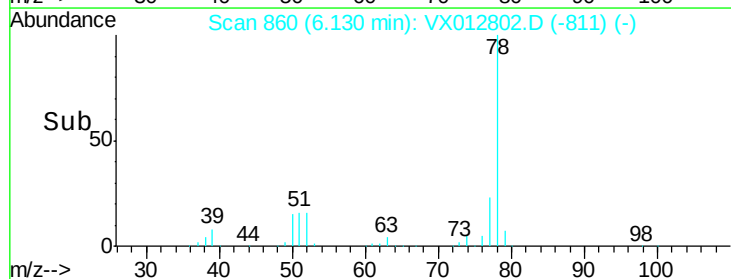
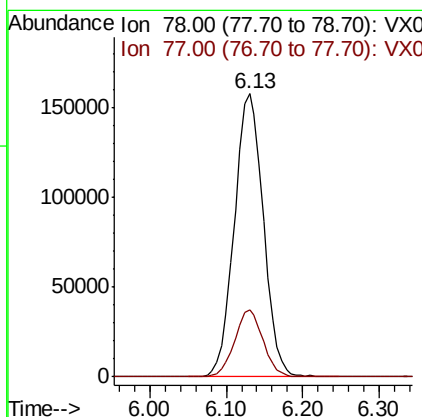
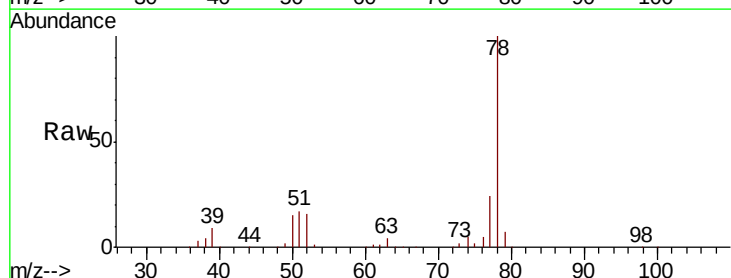
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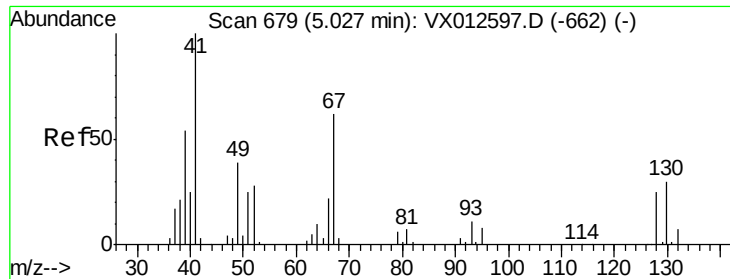
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#40
Benzene
Concen: 51.906 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.2	28.8





#41

Methacrylonitrile

Concen: 46.347 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 82359

Ion Ratio Lower Upper

41 100

39 55.8 46.0 69.0

67 73.5 52.2 78.2

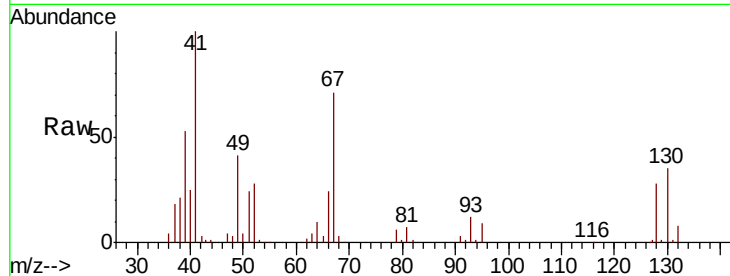
52 30.3 22.7 34.1

Manual Integrations

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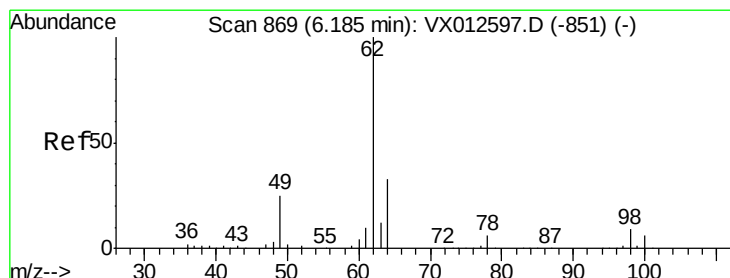
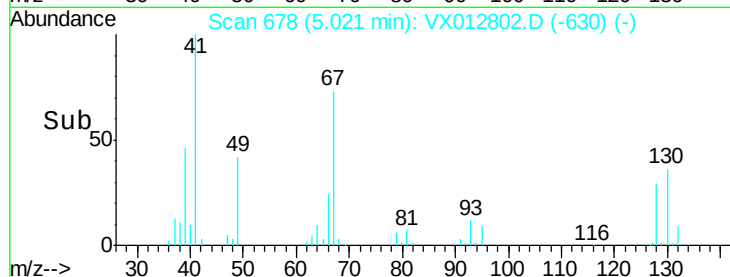
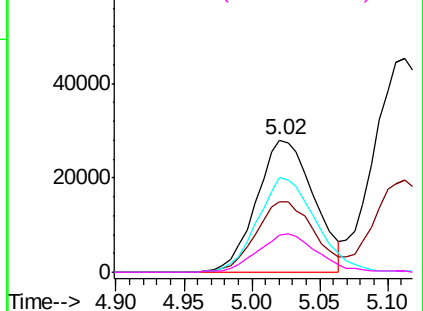


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.292 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012802.D

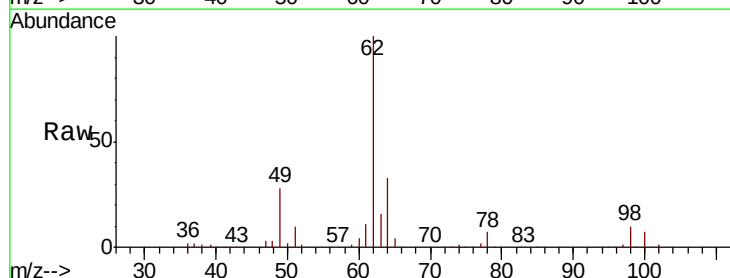
Acq: 04 Oct 2019 11:06

Tgt Ion: 62 Resp: 152226

Ion Ratio Lower Upper

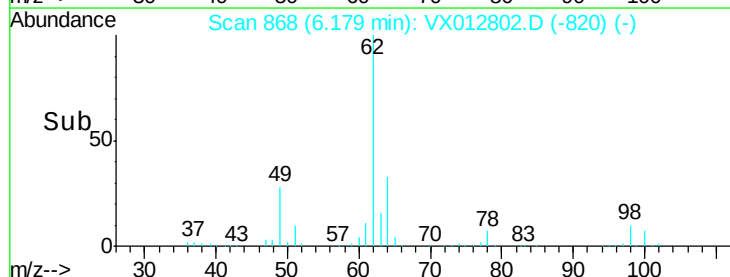
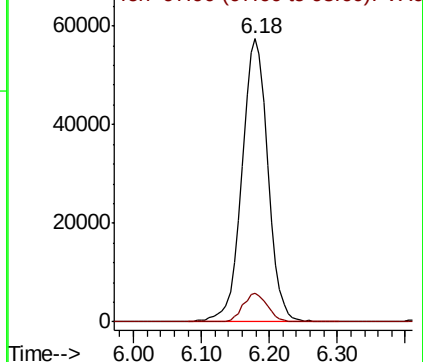
62 100

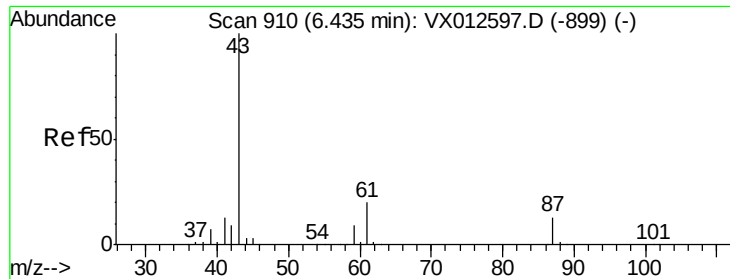
98 9.7 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 46.953 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

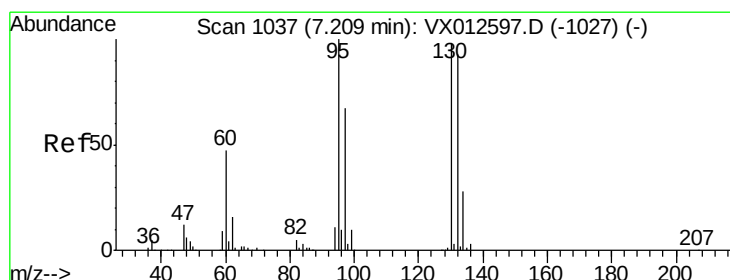
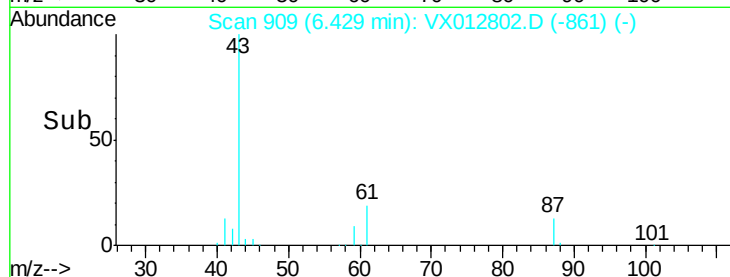
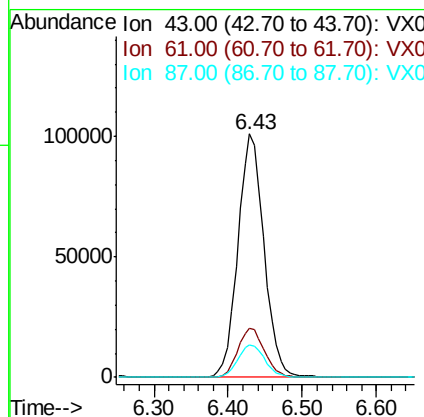
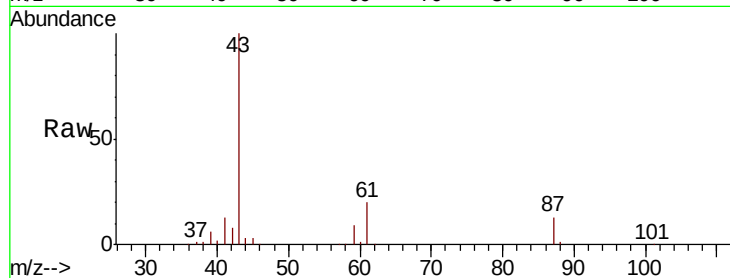
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	248682
Ion	Ratio	Lower	Upper
43	100		
61	20.6	15.4	23.0
87	13.8	9.8	14.8

Manual Integrations
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#44

Trichloroethene

Concen: 52.932 ug/l

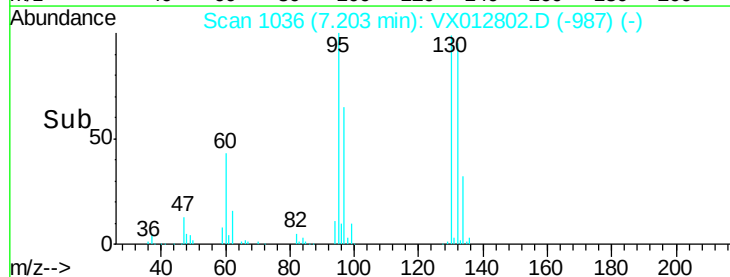
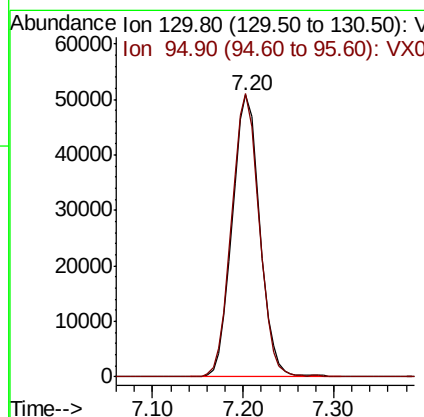
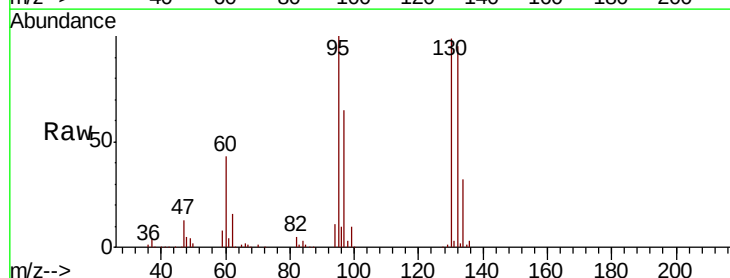
RT: 7.20 min Scan# 1036

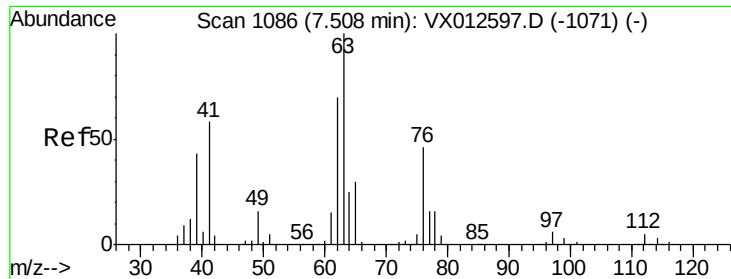
Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Tgt Ion:	130	Resp:	107858
Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	193.0





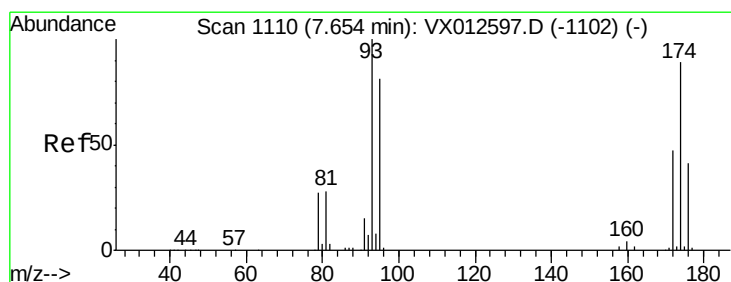
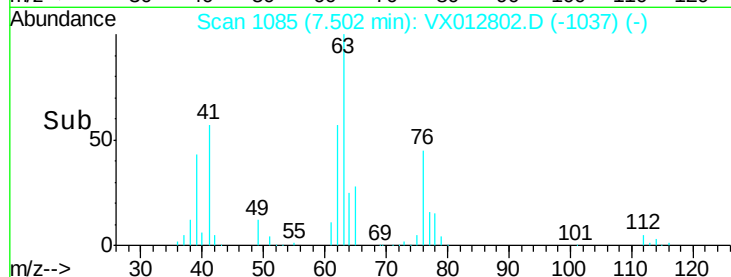
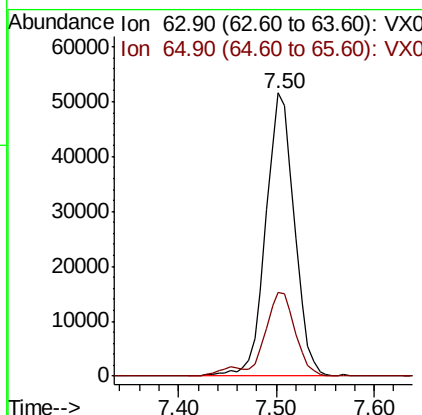
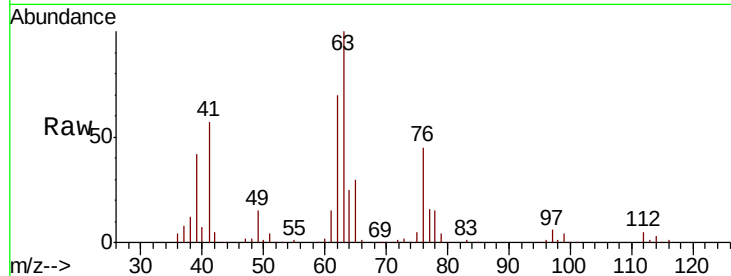
#45
 1,2-Dichloropropane
 Concen: 51.915 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 105942
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.0 37.6

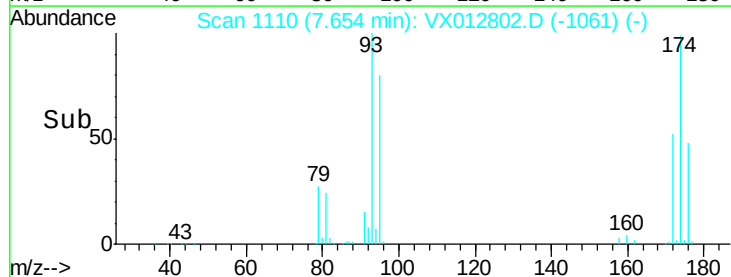
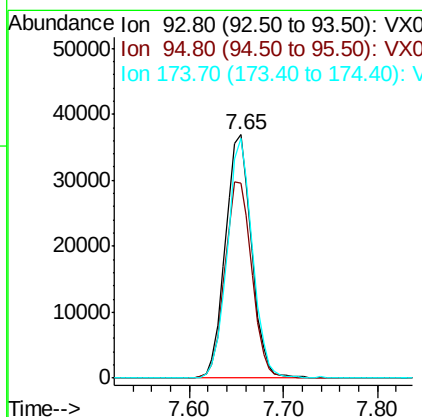
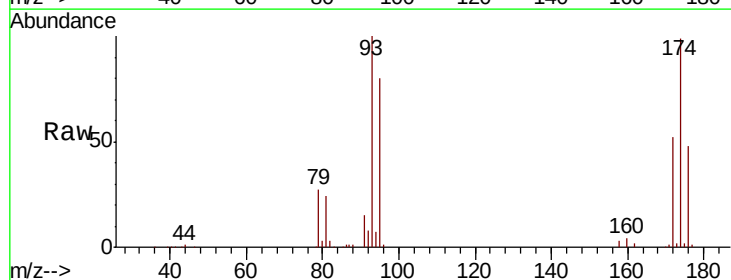
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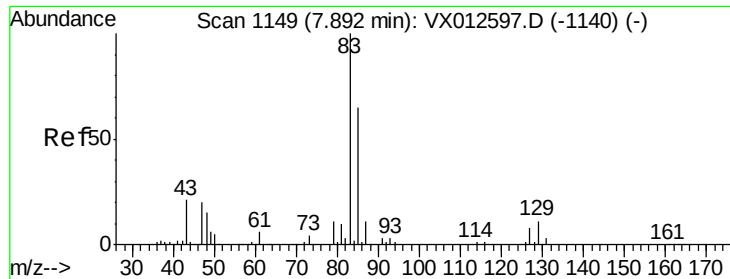
MMDadoda
 10/7/2019 9:26:51 AM



#46
 Dibromomethane
 Concen: 51.346 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Tgt Ion: 93 Resp: 71341
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.6 100.0
 174 94.2 77.4 116.0





#47

Bromodichloromethane

Concen: 52.373 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

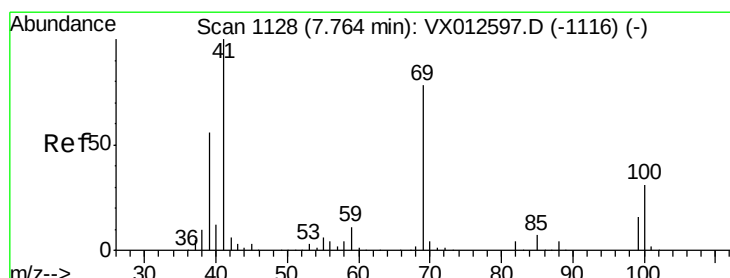
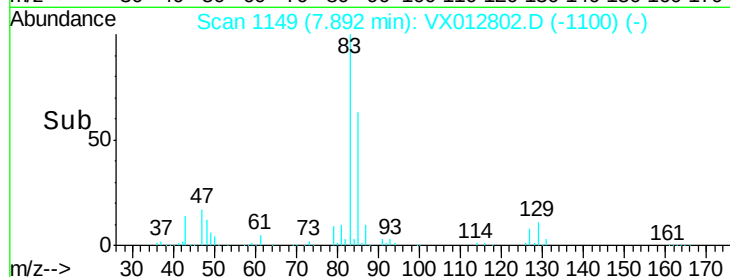
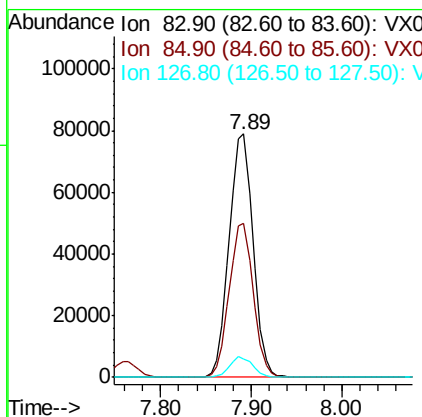
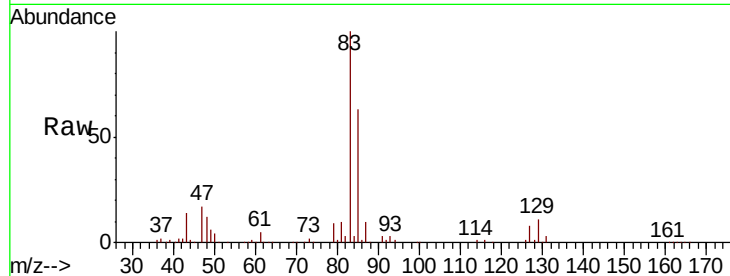
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	145436
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.8	77.6
127	7.7	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.958 ug/l

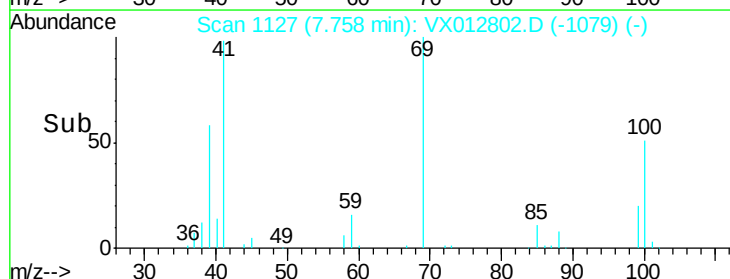
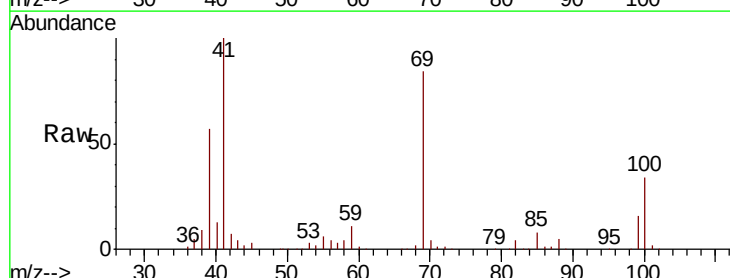
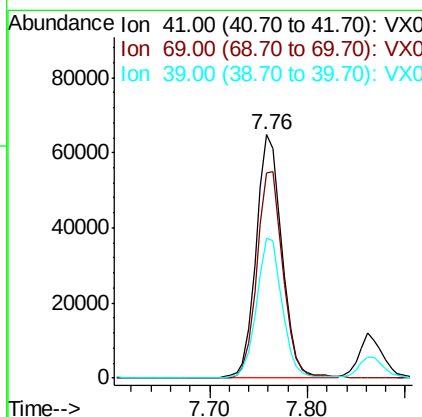
RT: 7.76 min Scan# 1127

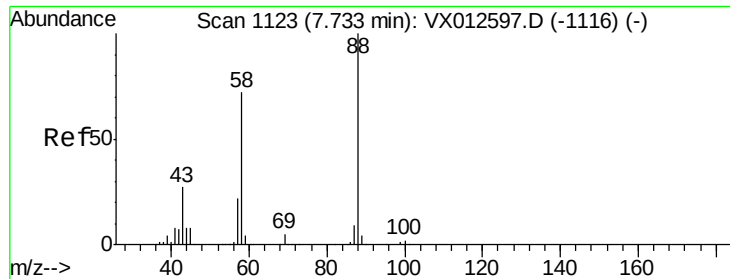
Delta R.T. -0.01 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Tgt Ion:	41	Resp:	119256
Ion	Ratio	Lower	Upper
41	100		
69	85.3	59.9	89.9
39	56.9	47.8	71.6





#49

1,4-Dioxane

Concen: 914.306 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

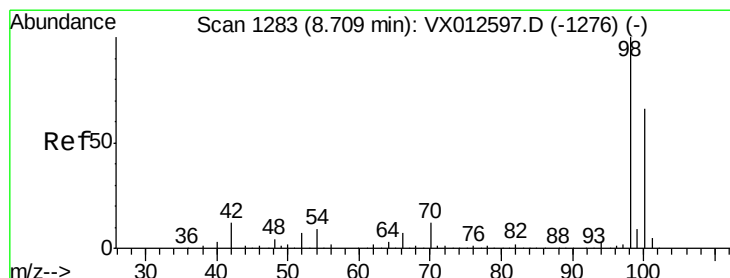
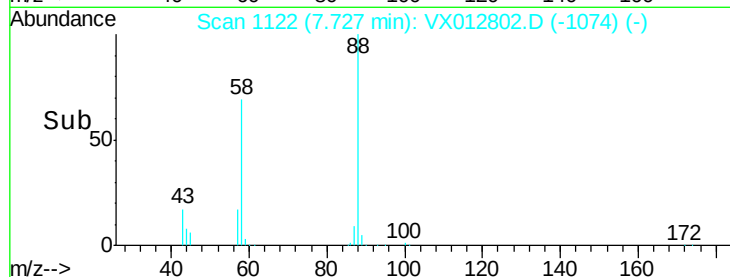
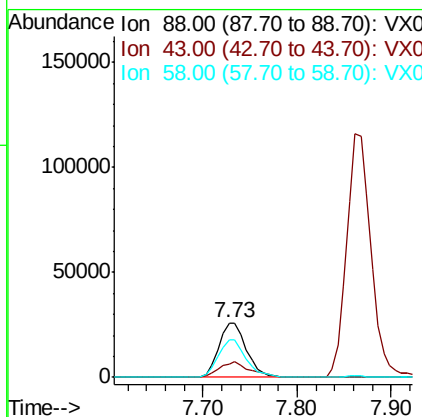
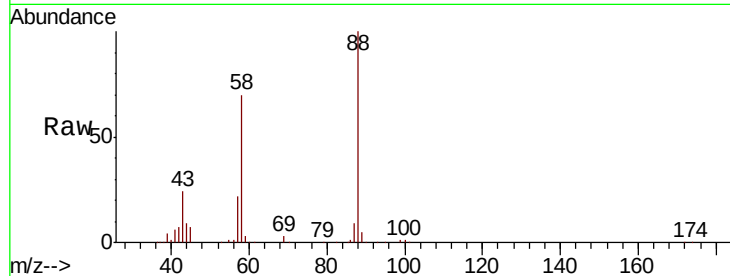
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	52667
Ion	Ratio	Lower	Upper
88	100		
43	32.8	29.4	44.0
58	69.7	57.5	86.3

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#50

Toluene-d8

Concen: 52.076 ug/l

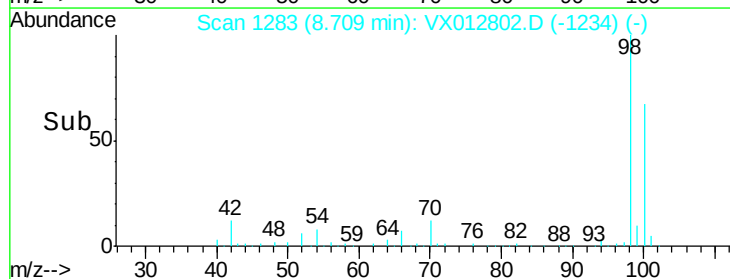
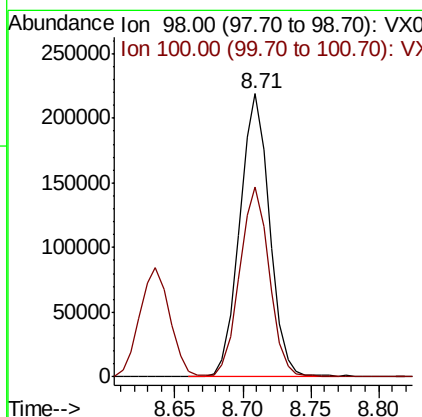
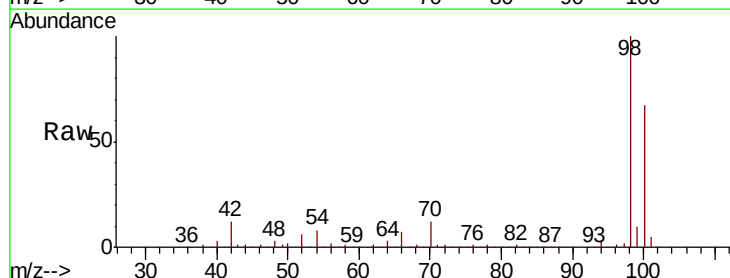
RT: 8.71 min Scan# 1283

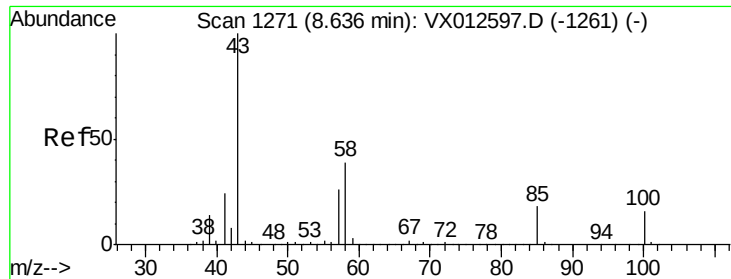
Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Tgt Ion:	98	Resp:	335674
Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 233.865 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 764601

Ion Ratio Lower Upper

43 100

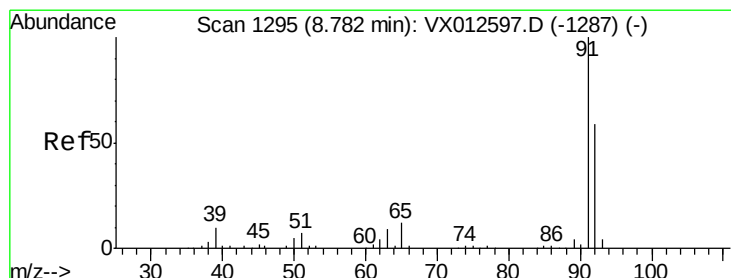
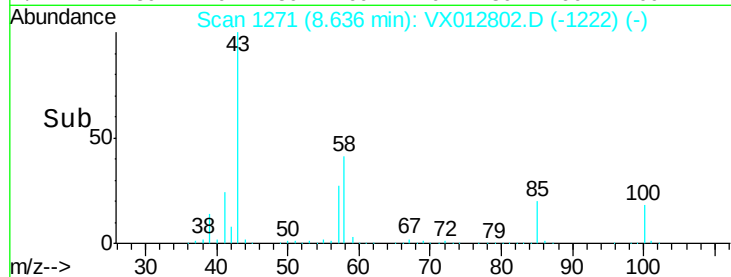
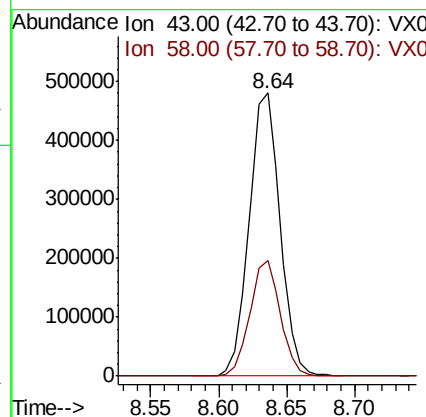
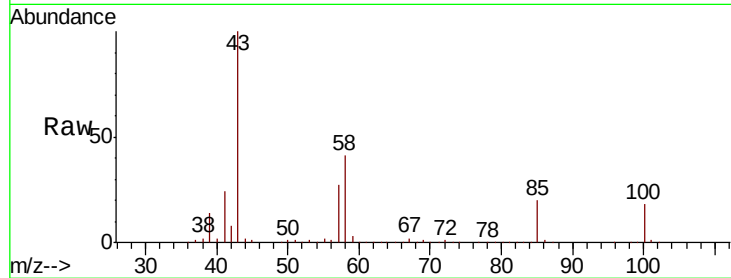
58 40.2 29.8 44.6

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#52

Toluene

Concen: 52.709 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012802.D

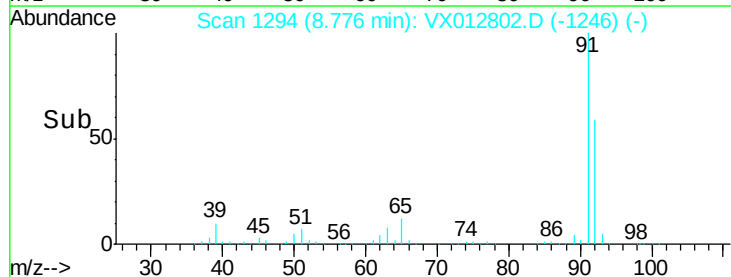
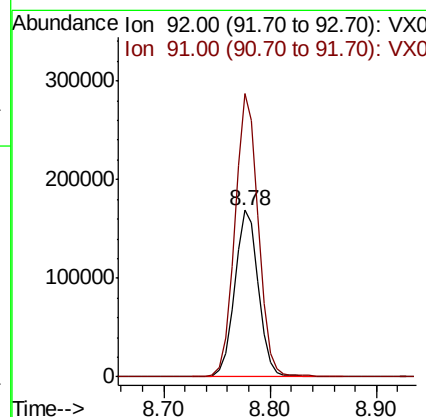
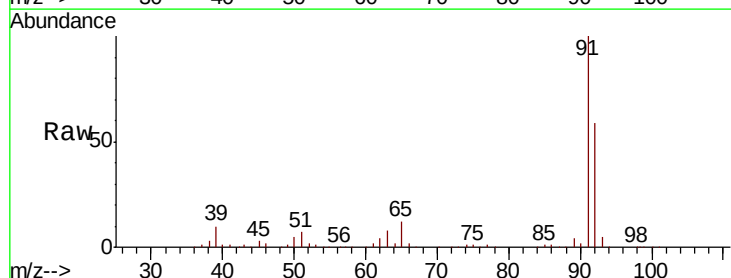
Acq: 04 Oct 2019 11:06

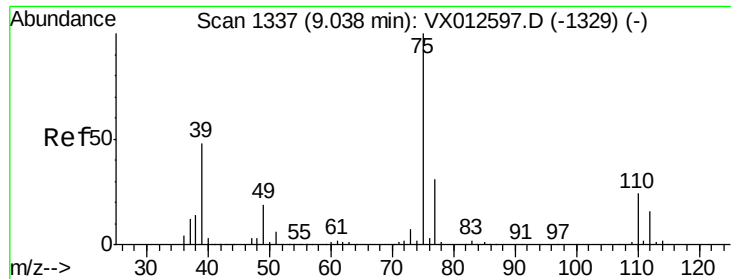
Tgt Ion: 92 Resp: 264056

Ion Ratio Lower Upper

92 100

91 168.0 135.4 203.0





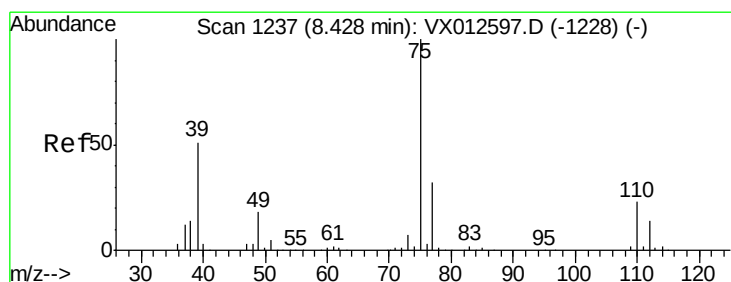
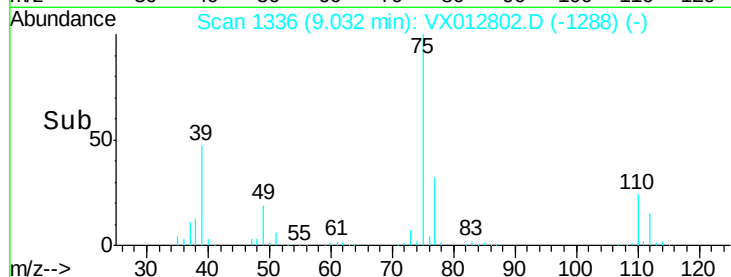
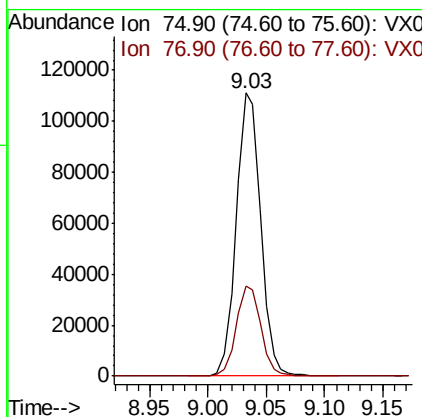
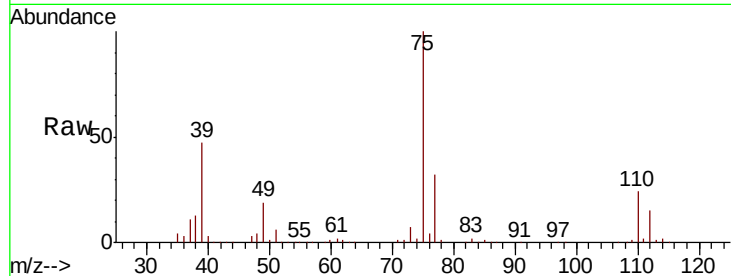
#53
t-1,3-Dichloropropene
Concen: 52.929 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 162620
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8

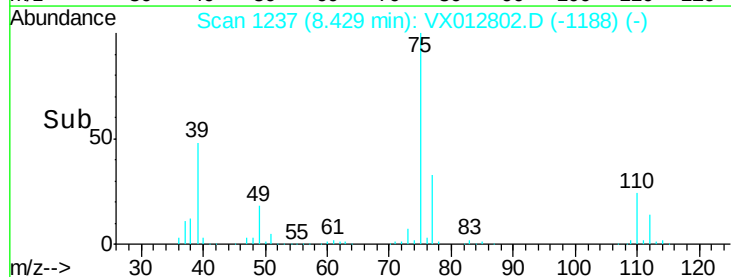
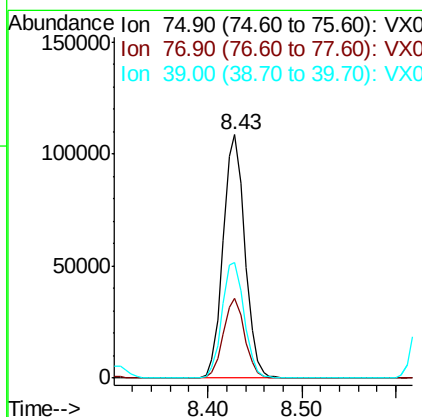
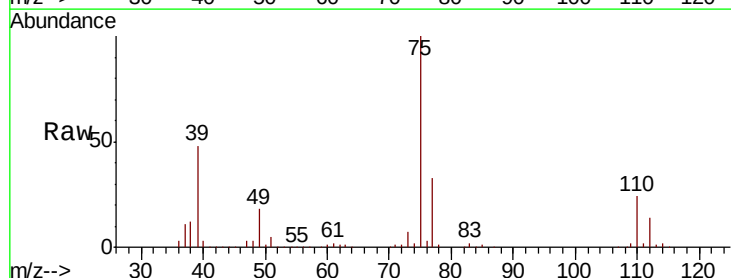
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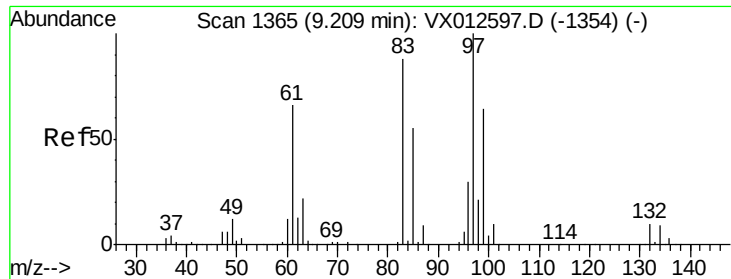
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 52.016 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion: 75 Resp: 174492
Ion Ratio Lower Upper
75 100
77 32.8 25.8 38.8
39 47.6 45.5 68.3





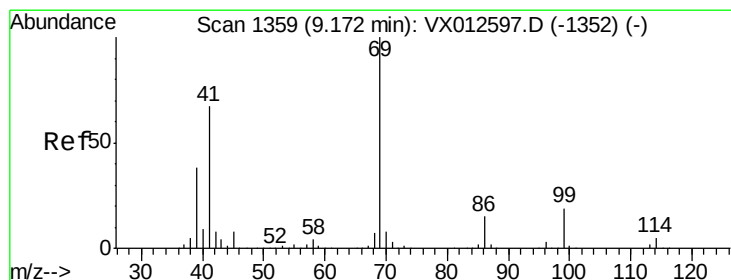
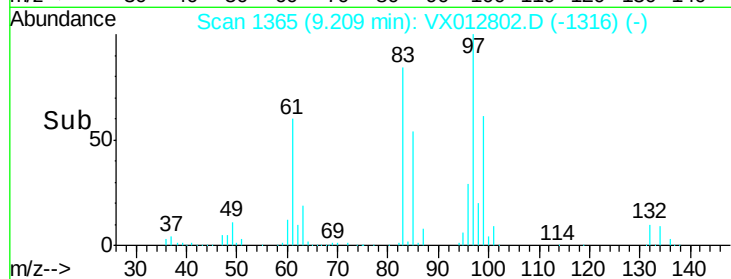
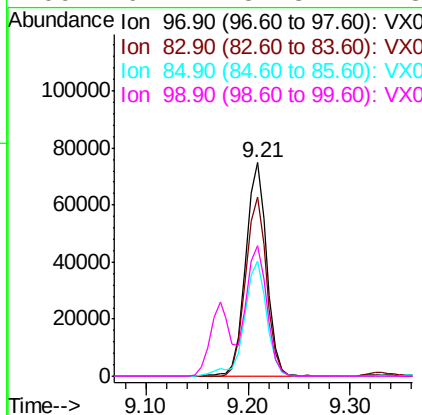
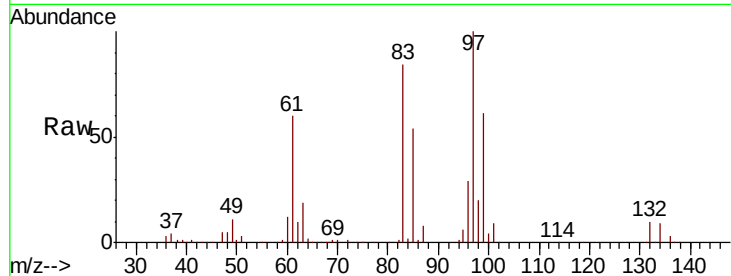
#55
 1,1,2-Trichloroethane
 Concen: 53.834 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		107221		
83	83.9	67.4	101.2		
85	54.0	43.5	65.3		
99	61.4	51.8	77.8		

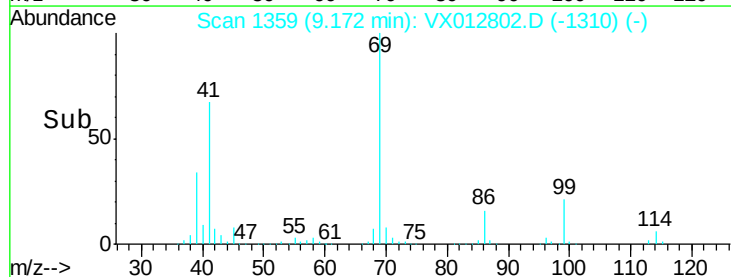
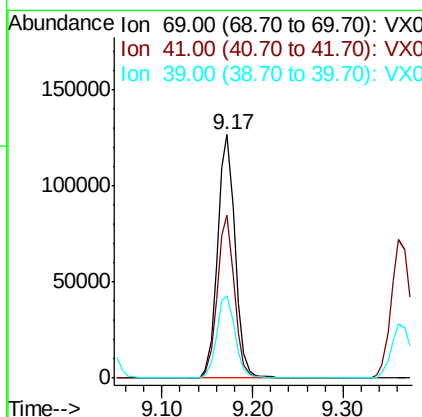
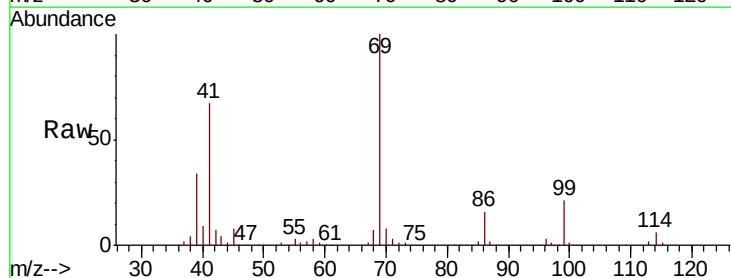
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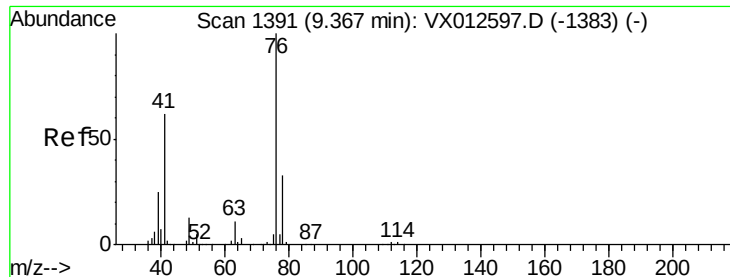
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 10/7/2019 9:26:51 AM



#56
 Ethyl methacrylate
 Concen: 51.297 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		171643		
41	66.0	58.4	87.6		
39	35.3	33.4	50.0		





#57

1,3-Dichloropropane

Concen: 51.633 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 179984

Ion Ratio Lower Upper

76 100

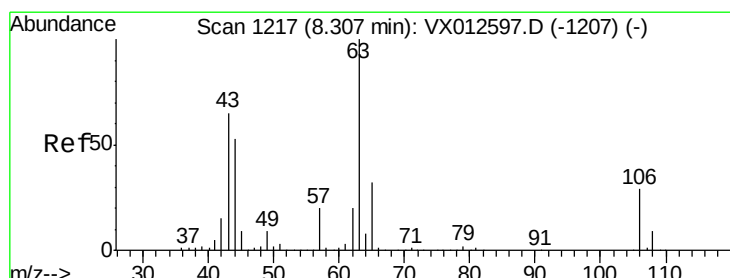
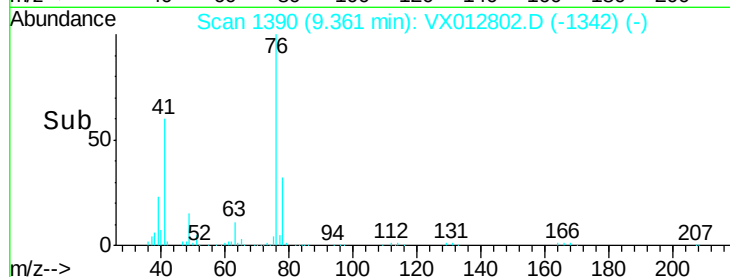
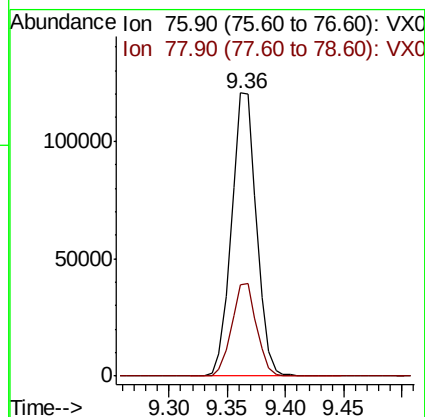
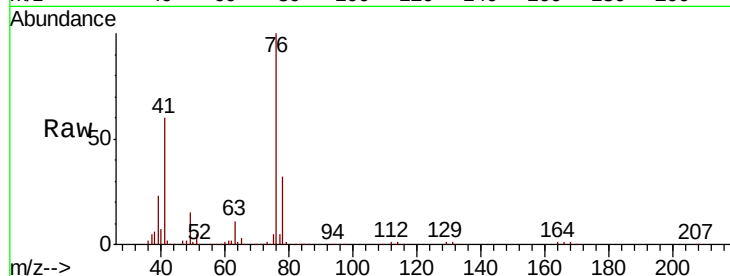
78 32.6 26.2 39.2

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10/7/2019 9:26:51 AM



#58

2-Chloroethyl Vinyl ether

Concen: 262.662 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX012802.D

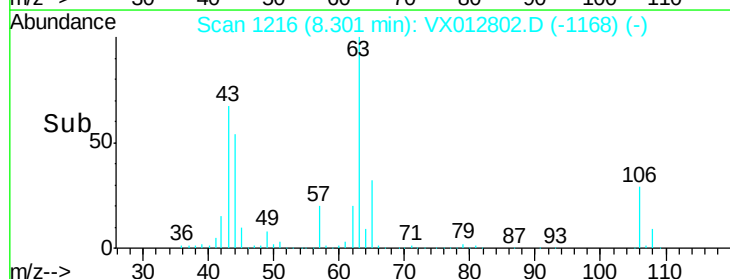
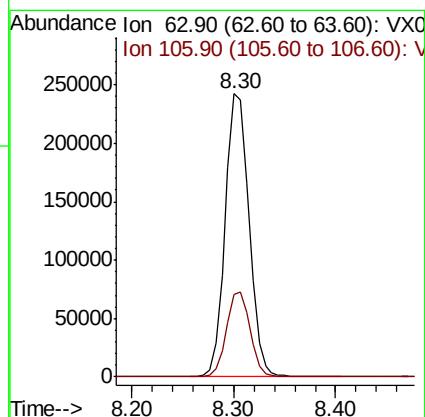
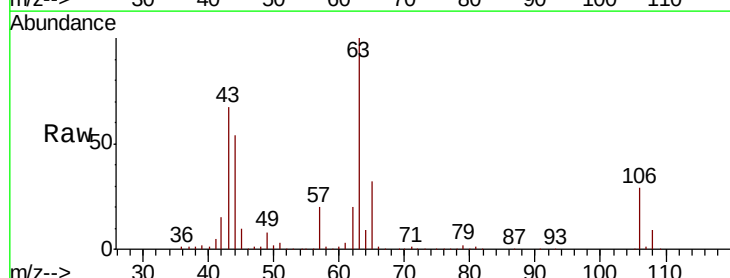
Acq: 04 Oct 2019 11:06

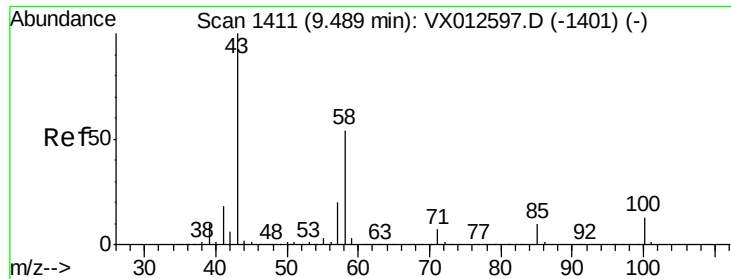
Tgt Ion: 63 Resp: 394509

Ion Ratio Lower Upper

63 100

106 29.5 23.8 35.6





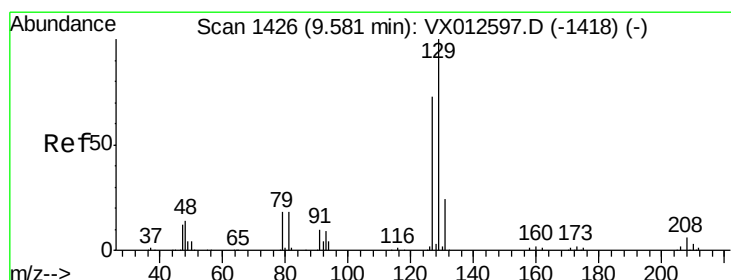
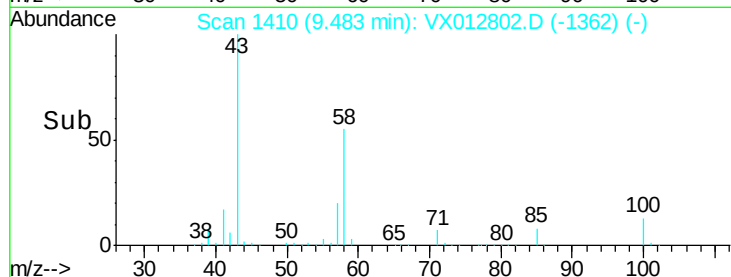
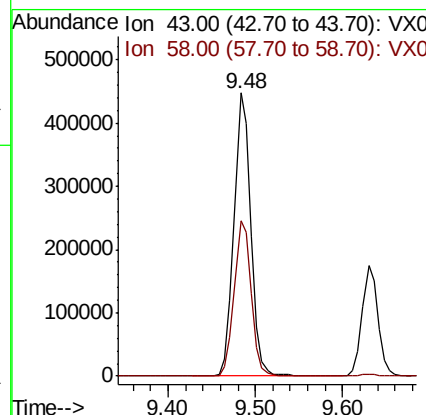
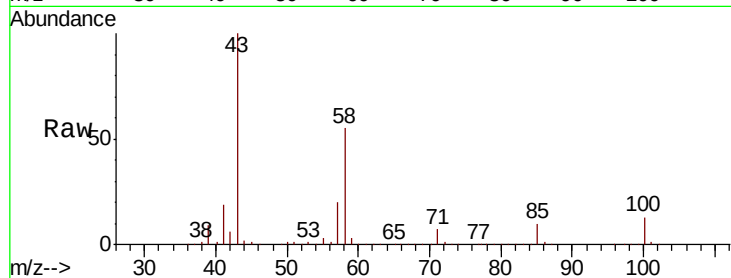
#59
2-Hexanone
Concen: 240.649 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 602235
Ion Ratio Lower Upper
43 100
58 56.0 25.7 77.1

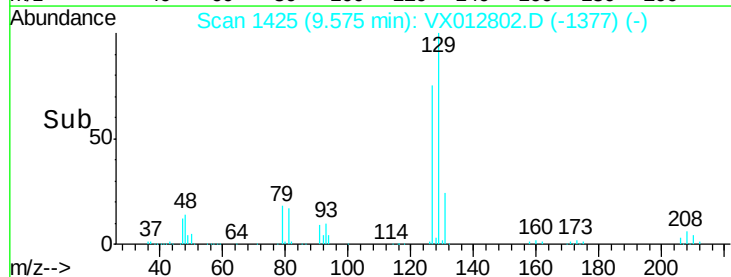
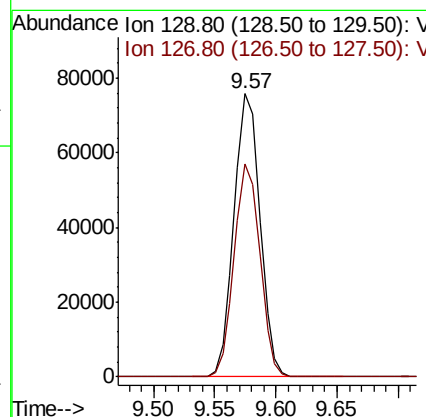
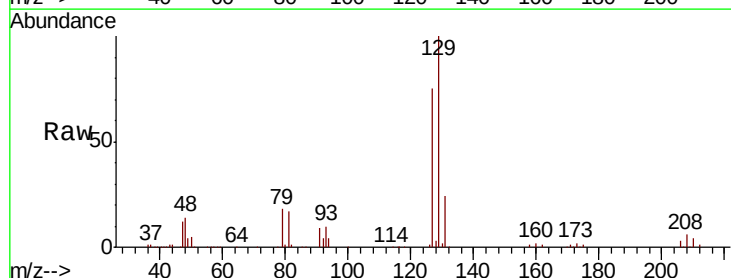
Manual Integrations
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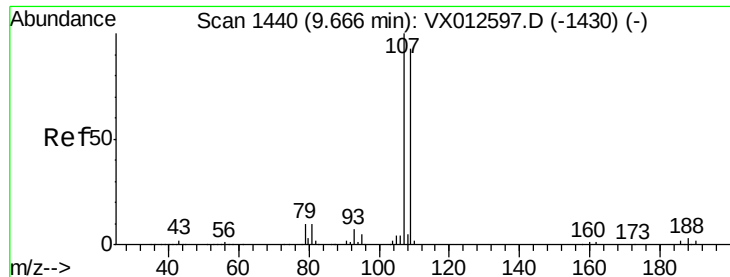
MMDadoda
10/7/2019 9:26:51 AM



#60
Dibromochloromethane
Concen: 55.359 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion: 129 Resp: 111614
Ion Ratio Lower Upper
129 100
127 74.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 53.377 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 110640

Ion Ratio Lower Upper

107 100

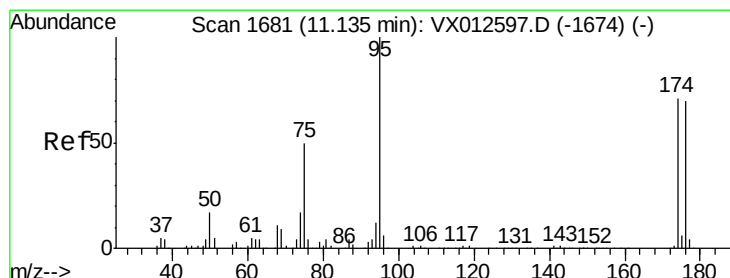
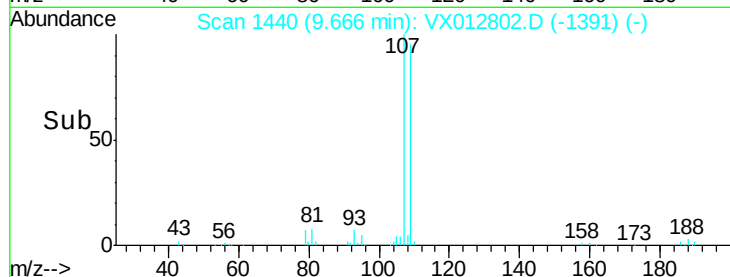
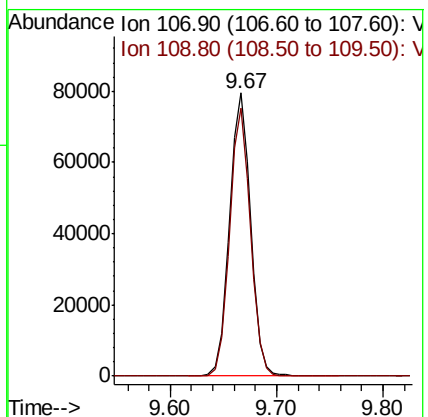
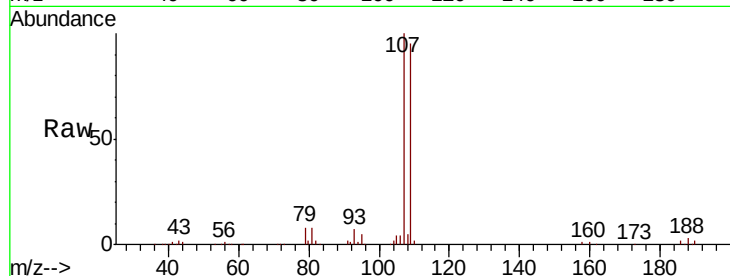
109 93.4 74.7 112.1

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#62

4-Bromofluorobenzene

Concen: 53.722 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

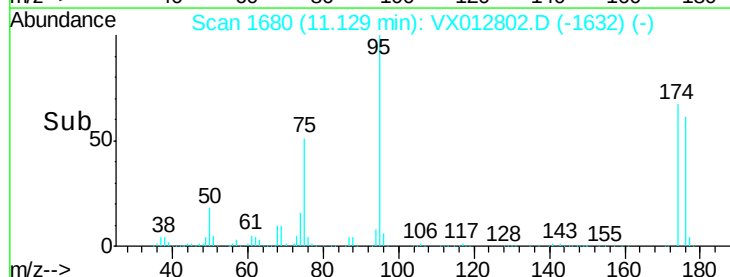
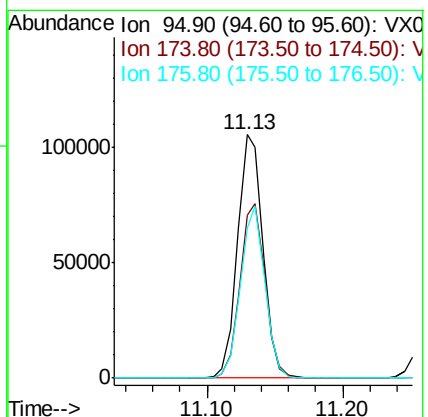
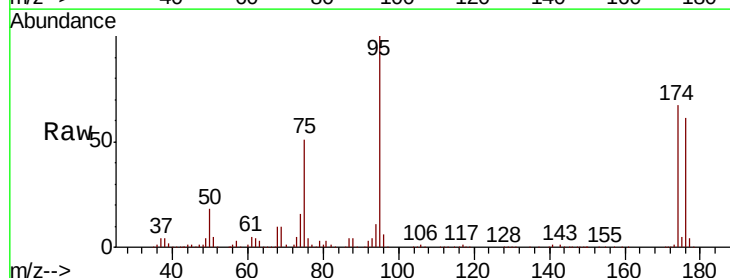
Tgt Ion: 95 Resp: 136160

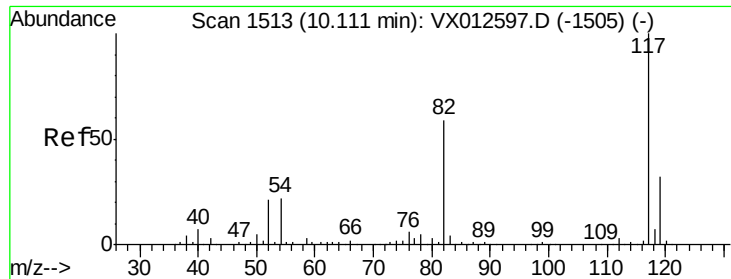
Ion Ratio Lower Upper

95 100

174 71.3 0.0 140.0

176 68.1 0.0 135.4





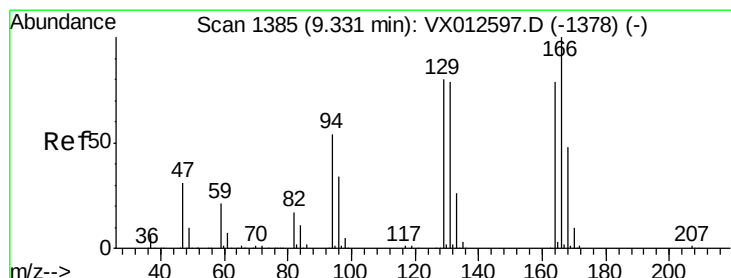
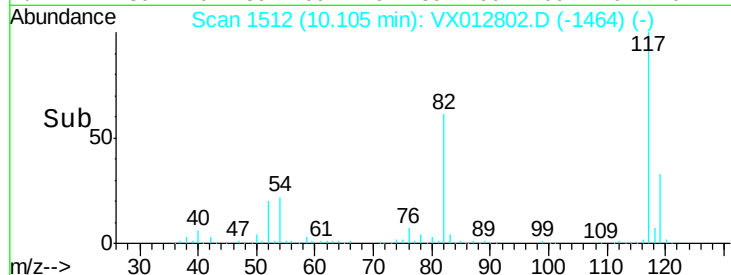
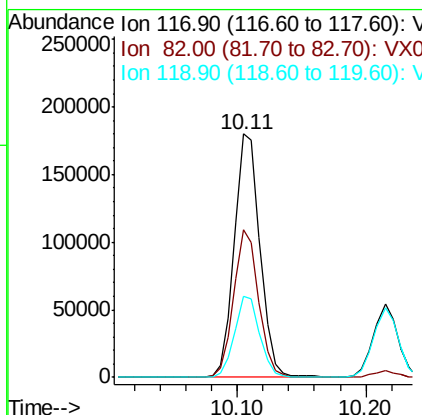
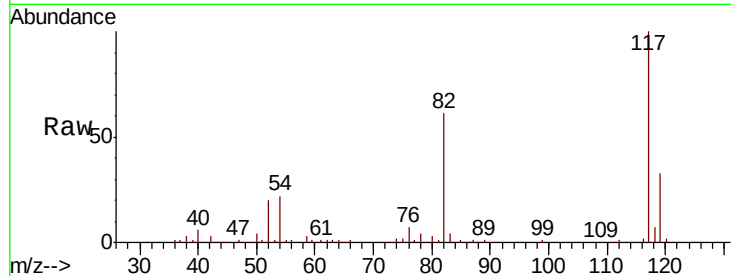
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	251257		
82	60.6	45.9	68.9	
119	33.3	25.3	37.9	

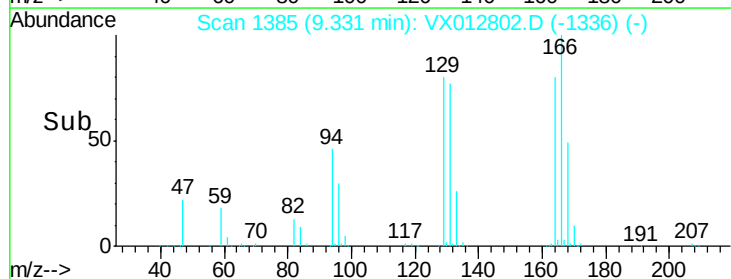
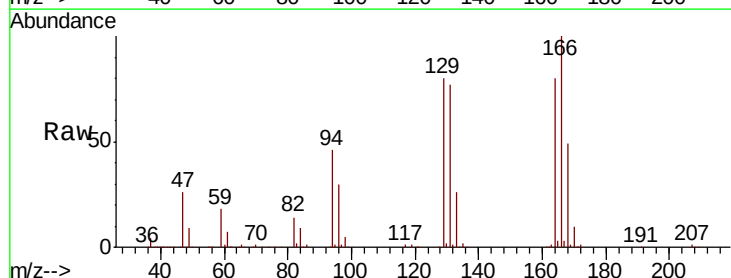
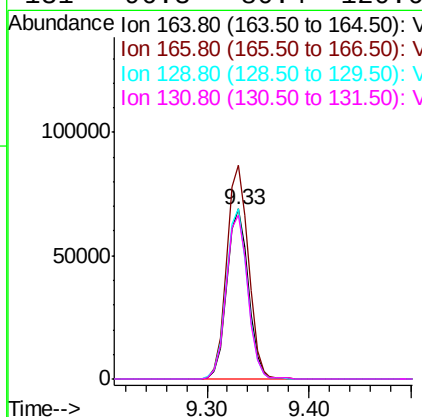
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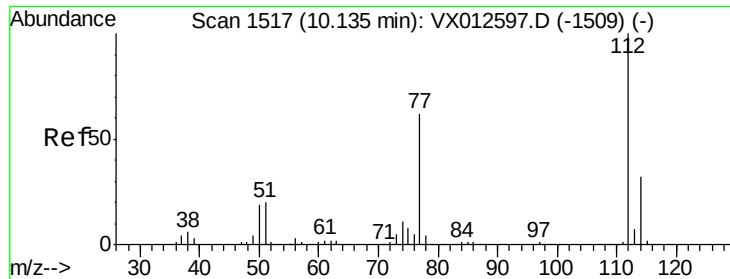
MMDadoda
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#64
Tetrachloroethene
Concen: 57.213 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	100226		
166	125.5	107.8	161.6	
129	100.3	86.2	129.2	
131	96.3	80.4	120.6	





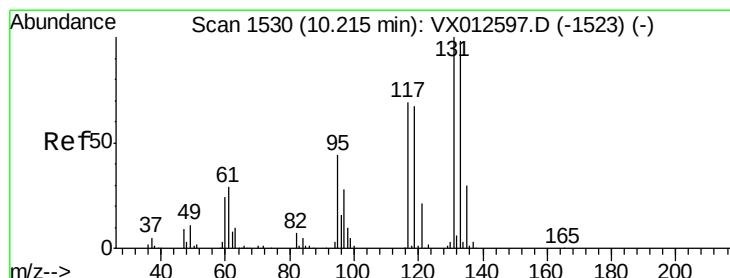
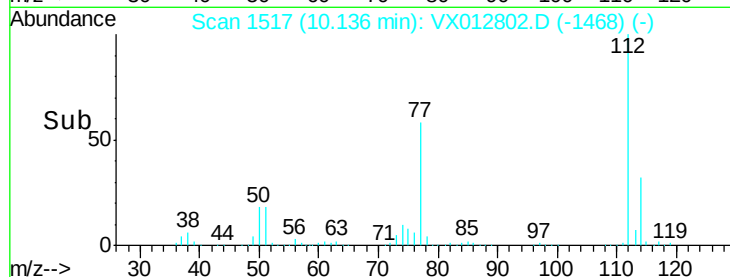
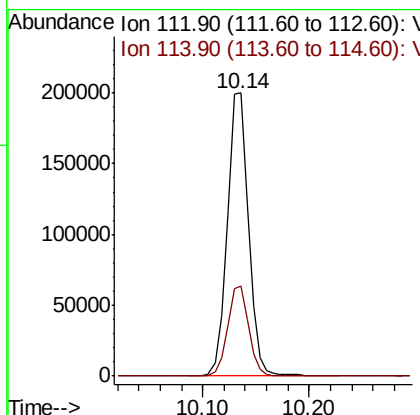
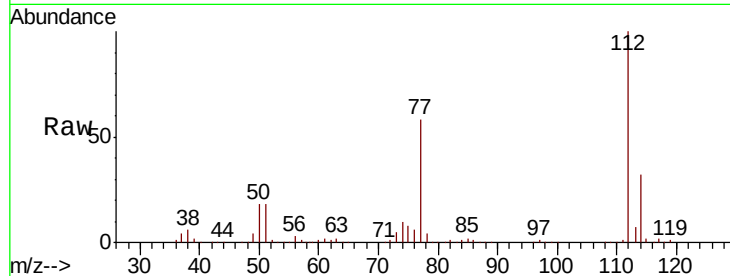
#65
Chlorobenzene
Concen: 52.853 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 279644
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0

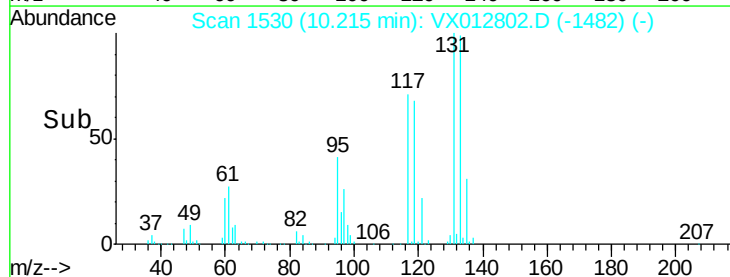
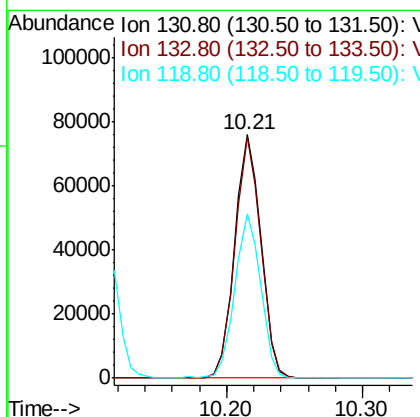
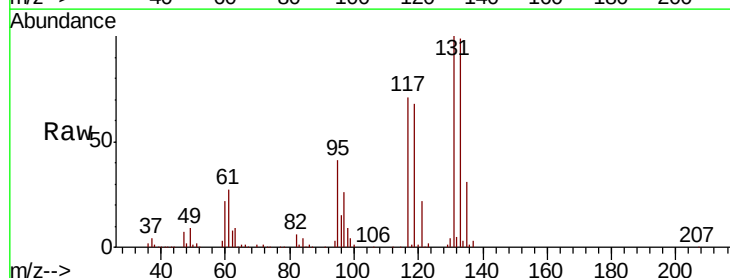
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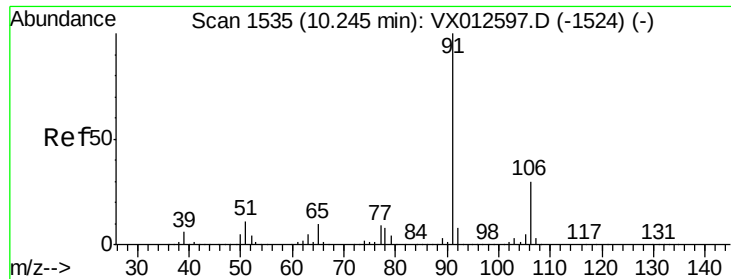
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.166 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion:131 Resp: 101921
Ion Ratio Lower Upper
131 100
133 97.7 47.6 142.9
119 66.8 31.3 93.8





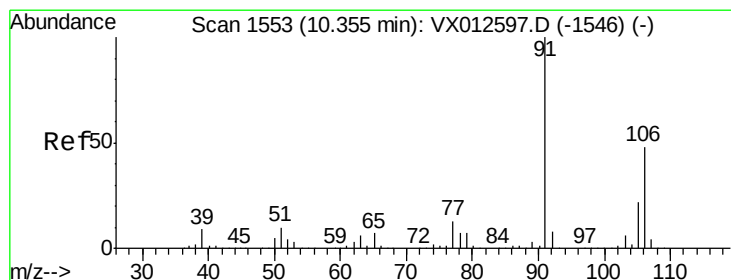
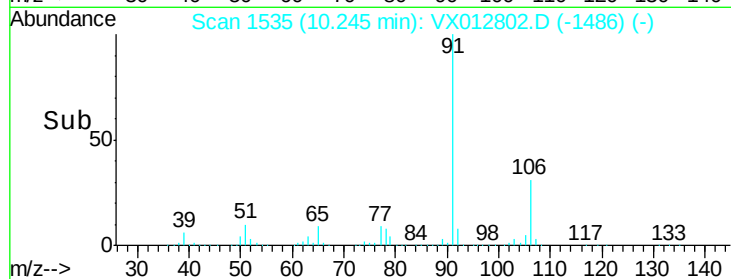
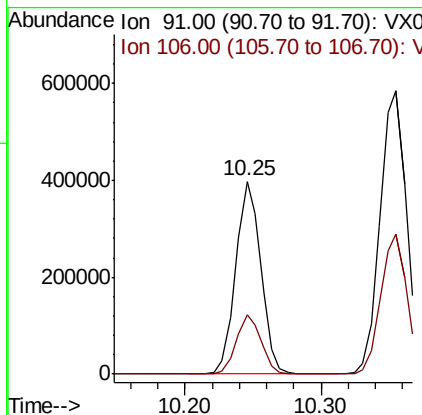
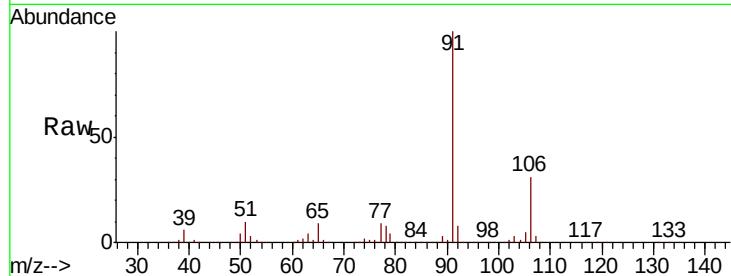
#67
Ethyl Benzene
Concen: 53.557 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 513957
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0

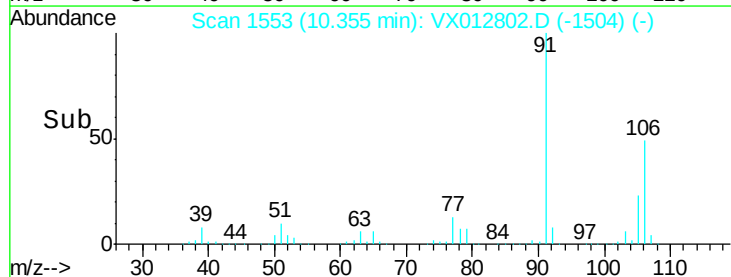
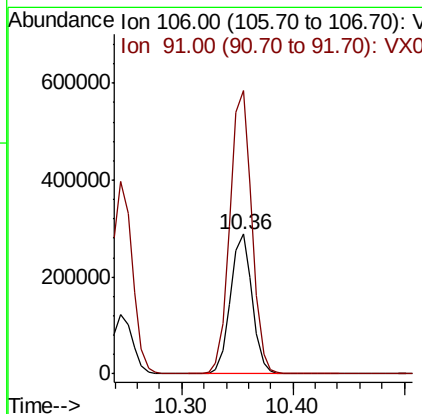
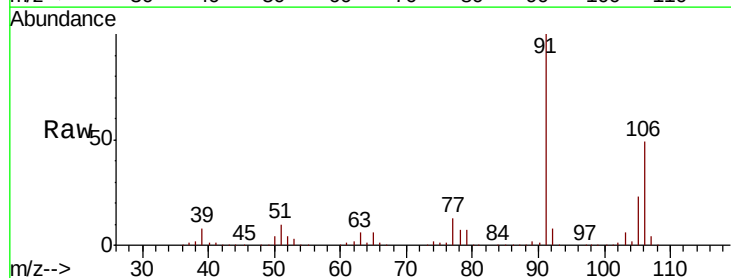
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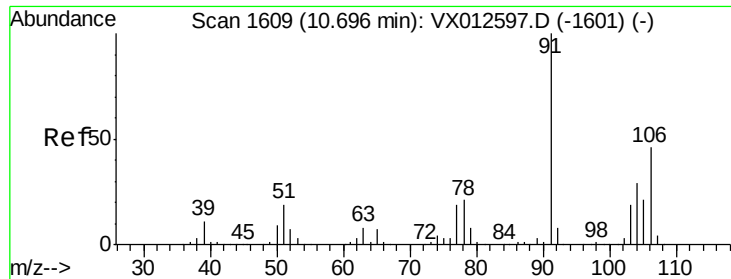
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#68
m/p-Xylenes
Concen: 107.873 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion: 106 Resp: 387783
Ion Ratio Lower Upper
106 100
91 205.2 166.6 250.0





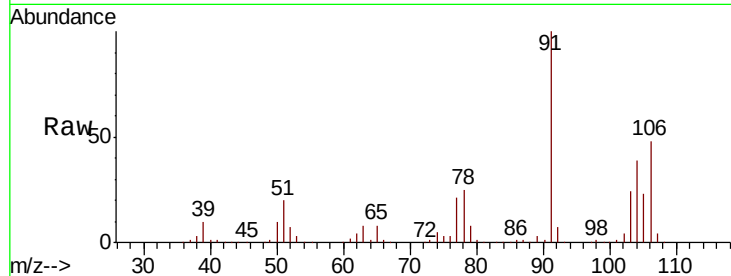
#69
o-Xylene
Concen: 53.455 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

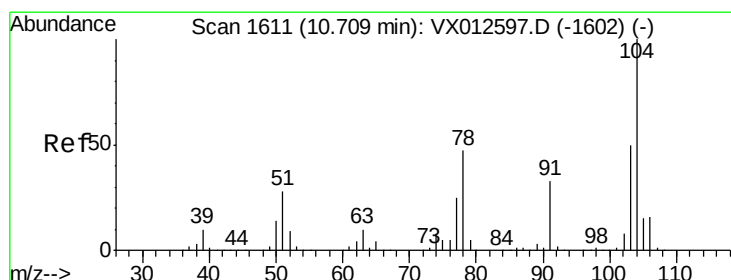
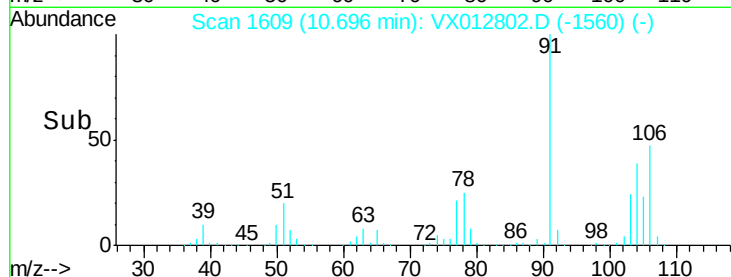
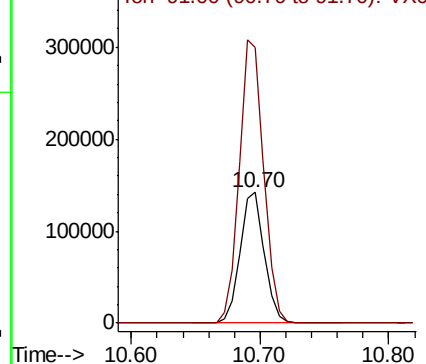
Tot Ion:106 Resp: 185941
Ion Ratio Lower Upper
106 100
91 218.6 109.4 328.2

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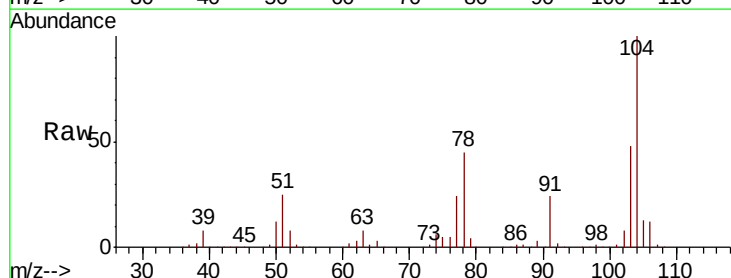


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

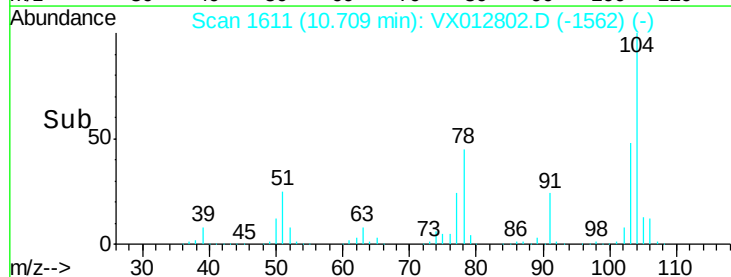
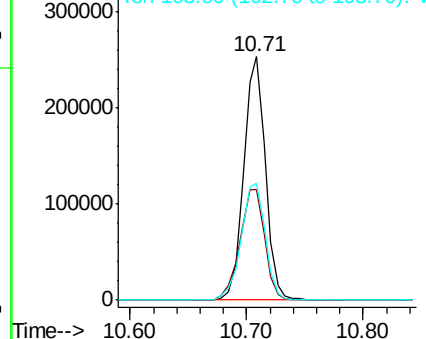


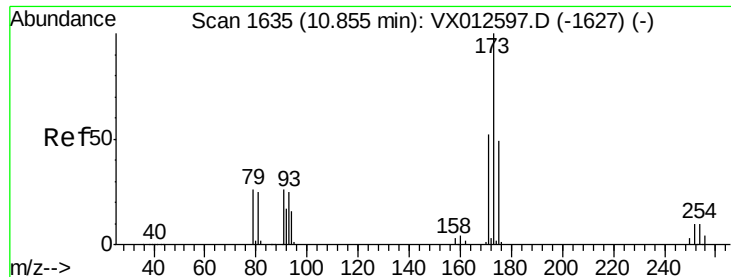
#70
Styrene
Concen: 56.075 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion:104 Resp: 326992
Ion Ratio Lower Upper
104 100
78 52.6 43.4 65.2
103 53.9 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 56.078 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 74856

Ion Ratio Lower Upper

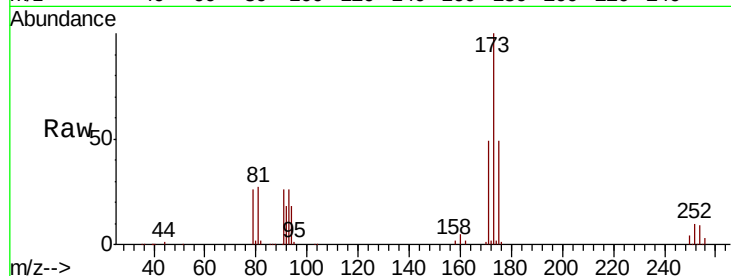
173 100

175 49.1 23.7 71.1

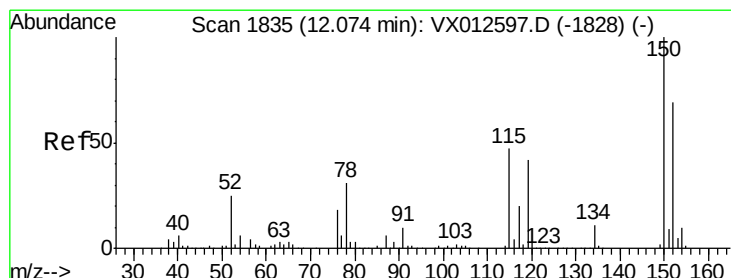
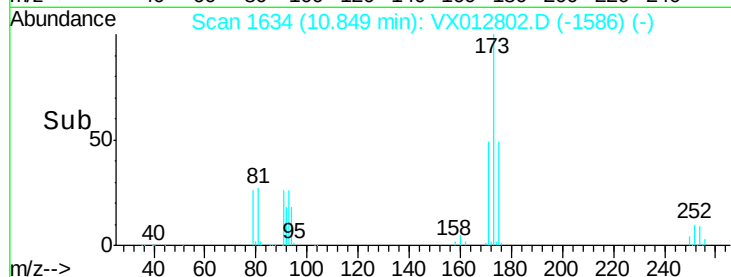
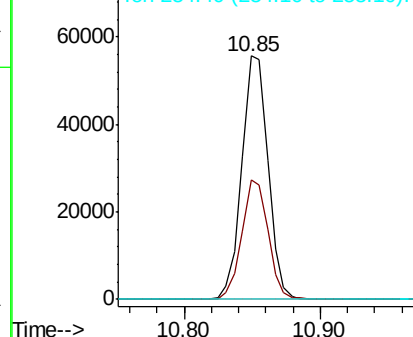
254 0.2 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

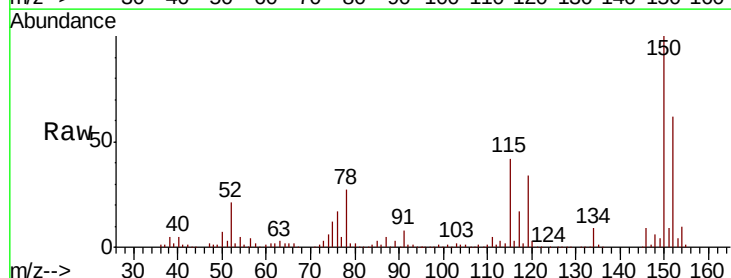
Tgt Ion:152 Resp: 122032

Ion Ratio Lower Upper

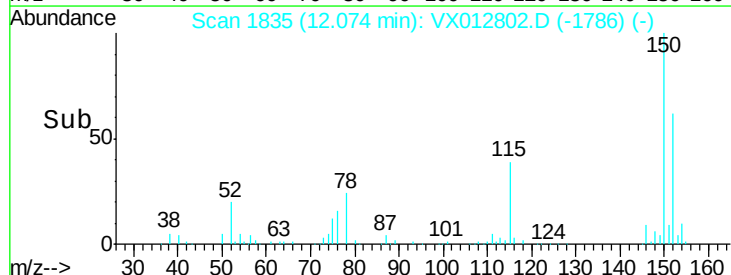
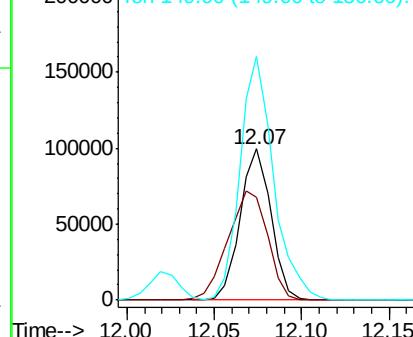
152 100

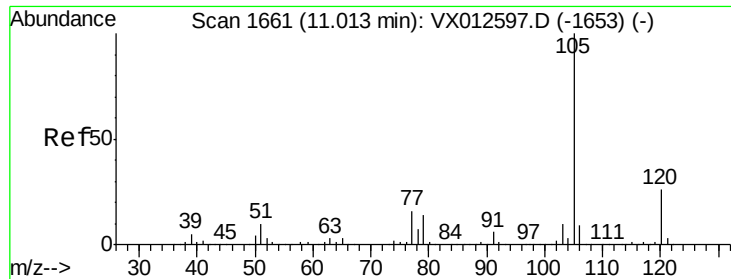
115 92.5 44.1 132.3

150 175.9 0.0 343.8



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





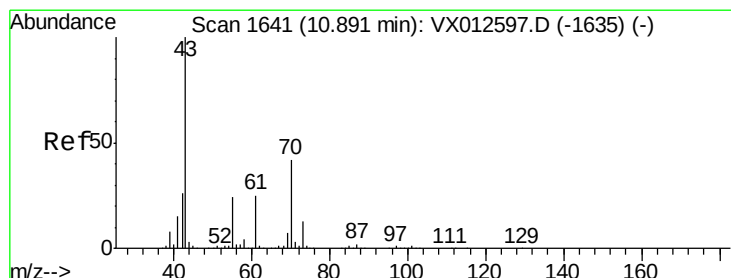
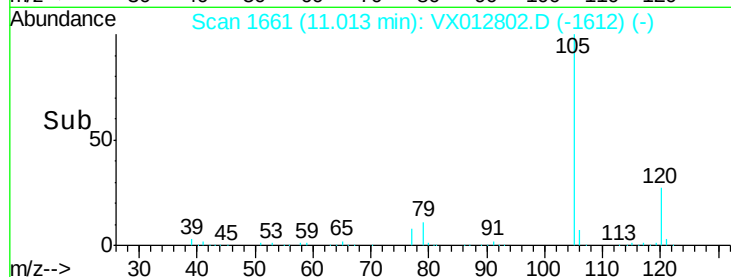
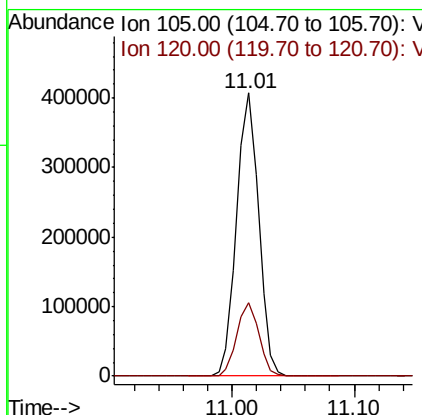
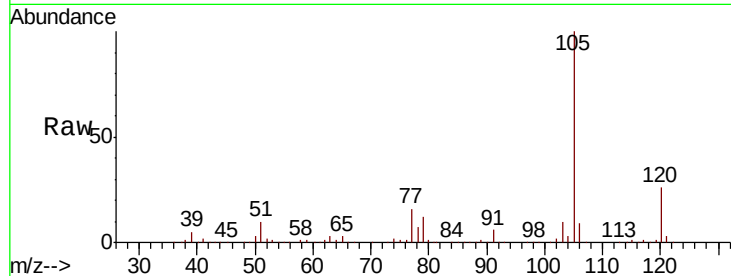
#73
Isopropylbenzene
Concen: 50.922 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.0	12.9	38.7

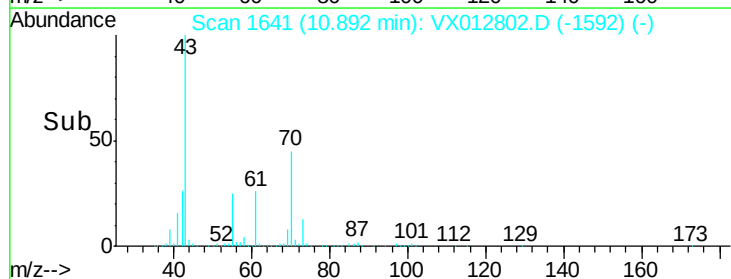
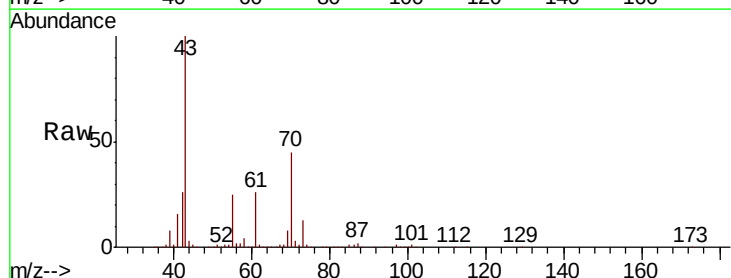
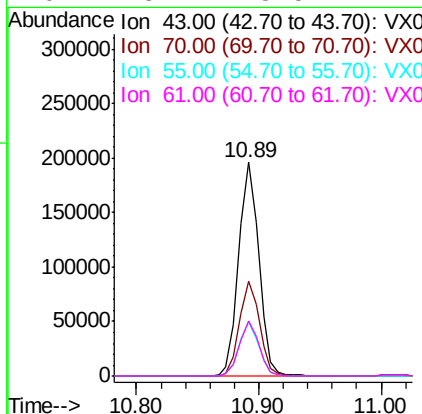
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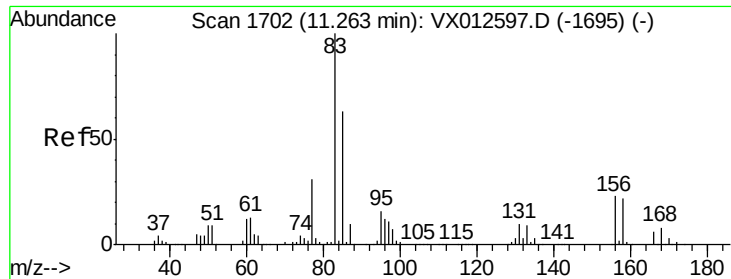
MMDadoda
10/7/2019 9:26:51 AM



#74
N-ethyl acetate
Concen: 47.129 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion	Ratio	Lower	Upper
43	100		
70	44.3	32.4	48.6
55	25.1	18.2	27.4
61	25.1	18.5	27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 50.308 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

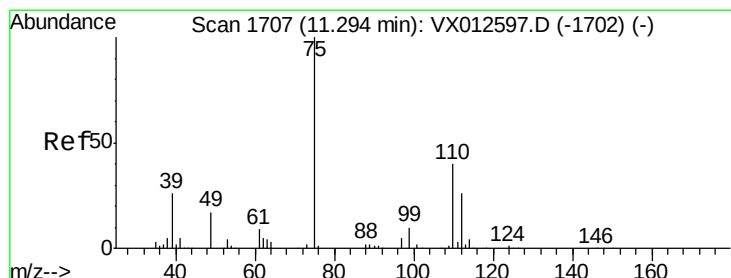
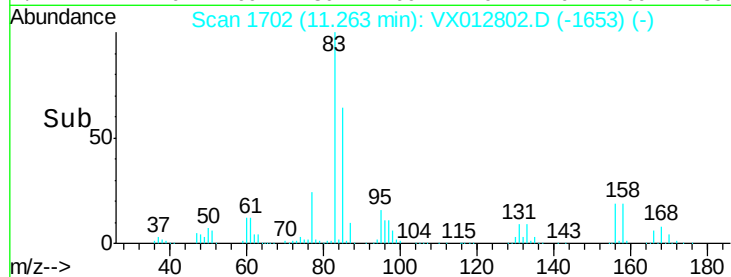
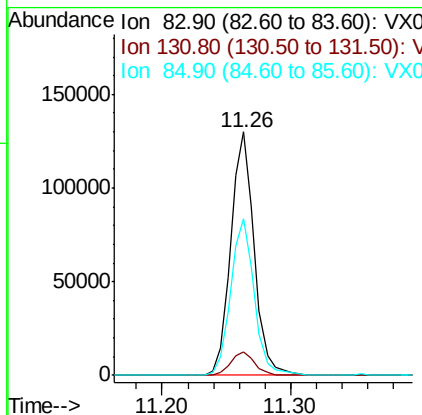
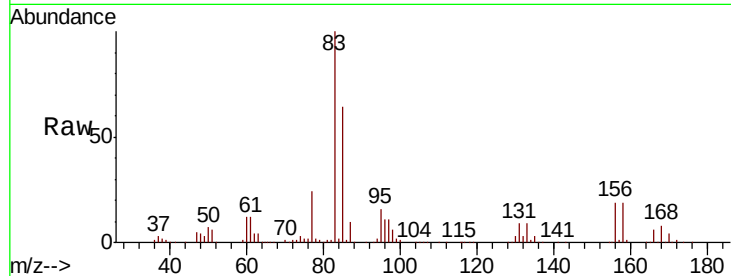
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	165599
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.2	15.6
85	64.9	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 42.896 ug/l m

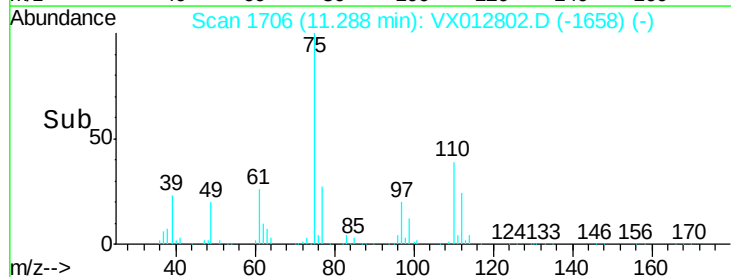
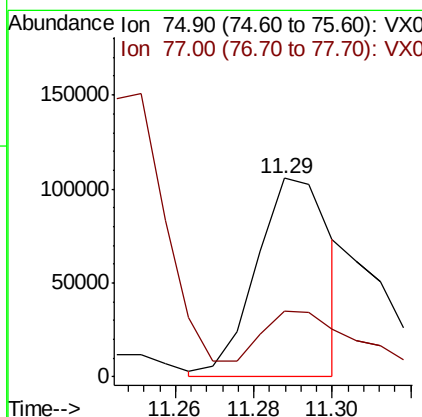
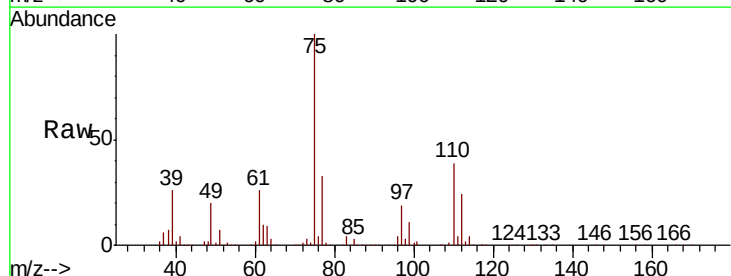
RT: 11.29 min Scan# 1706

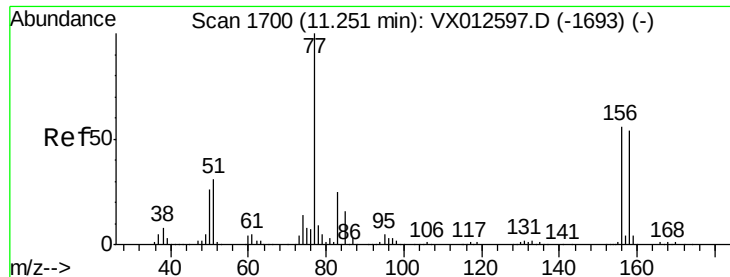
Delta R.T. -0.01 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Tgt Ion:	75	Resp:	138470
Ion Ratio	Lower	Upper	
75	100		
77	43.8	19.7	59.0





#77

Bromobenzene

Concen: 52.187 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

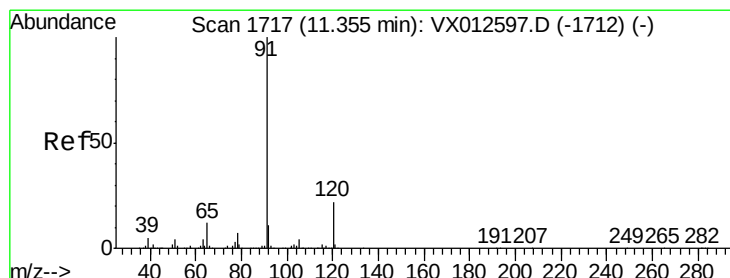
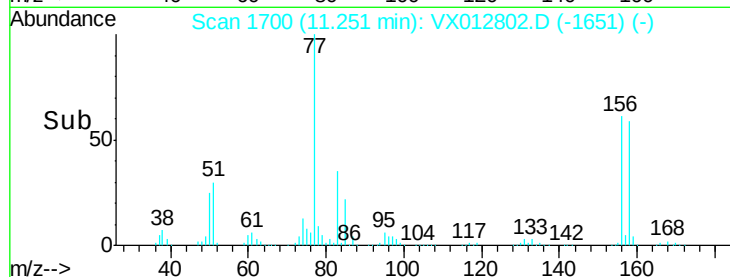
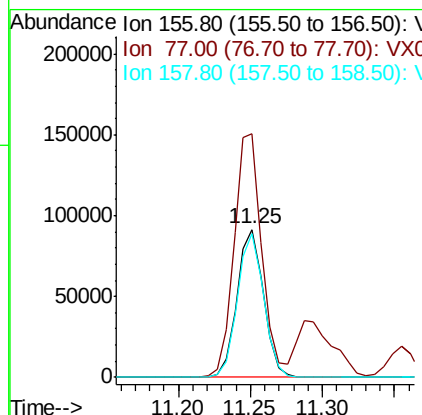
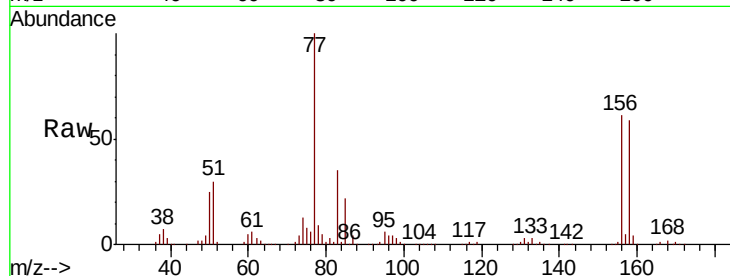
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	117395
Ion Ratio	Lower	Upper	
156	100		
77	173.2	87.3	261.8
158	96.7	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 51.117 ug/l

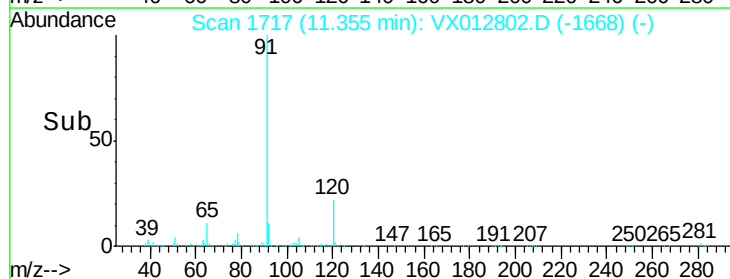
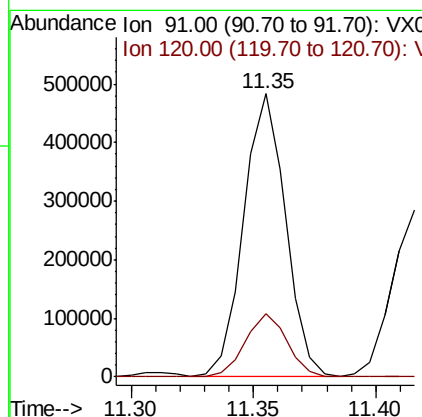
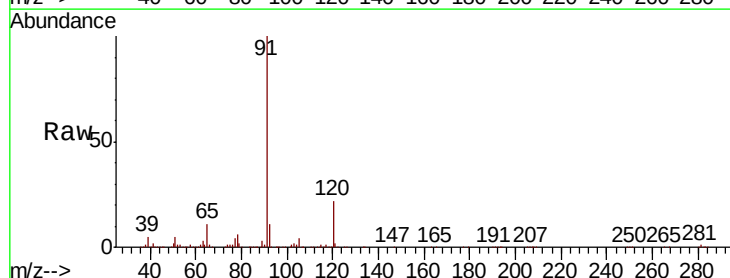
RT: 11.35 min Scan# 1717

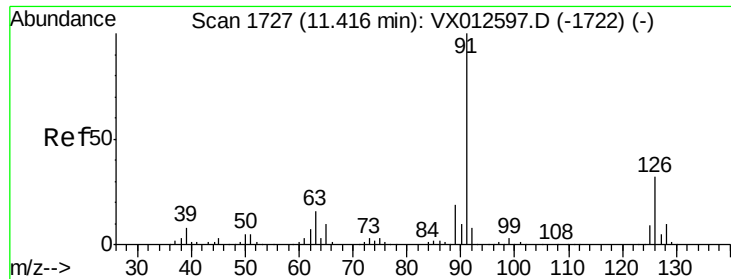
Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Tgt Ion:	91	Resp:	571982
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.3	33.8





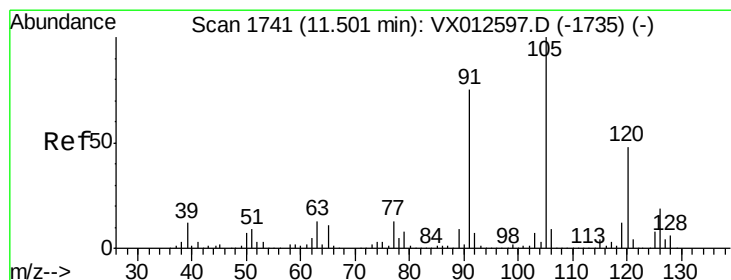
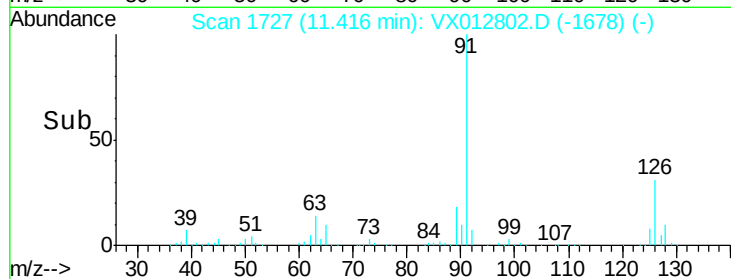
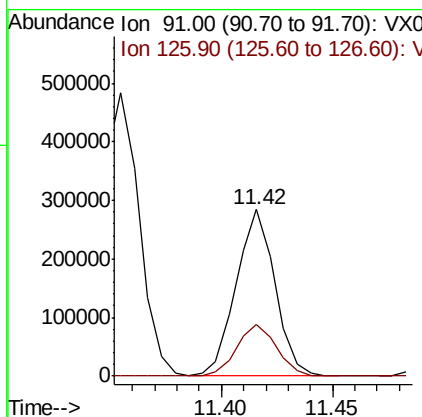
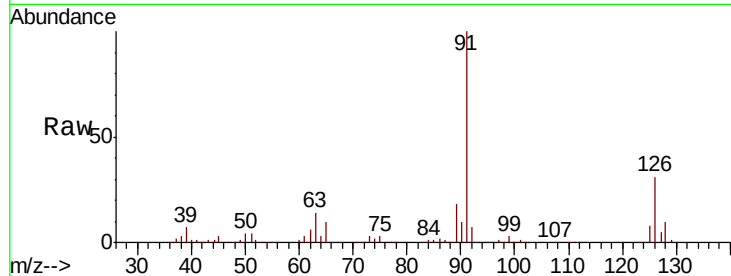
#79
 2-Chlorotoluene
 Concen: 49.277 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion: 91 Resp: 343973
 Ion Ratio Lower Upper
 91 100
 126 31.9 16.4 49.4

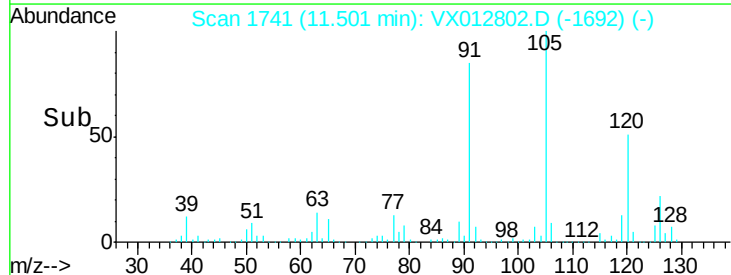
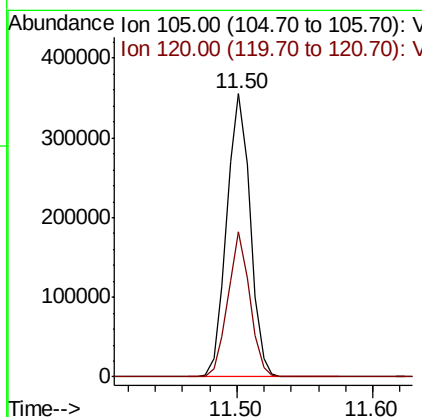
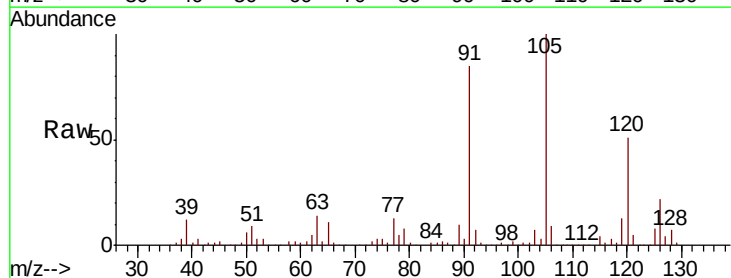
Manual Integrations
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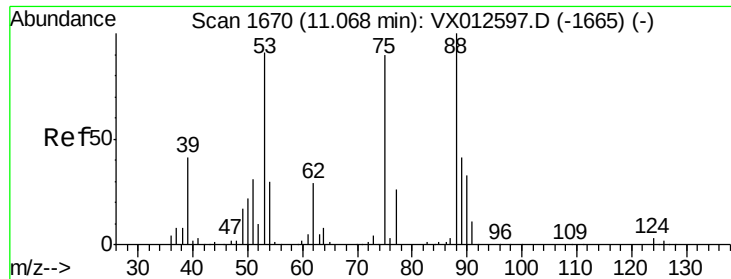
MMDadoda
 10/7/2019 9:26:51 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 50.859 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Tgt Ion: 105 Resp: 423900
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.3 72.8





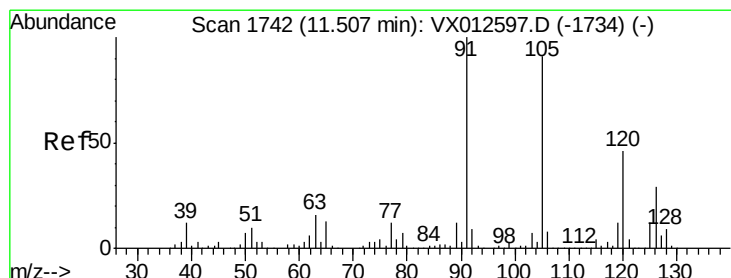
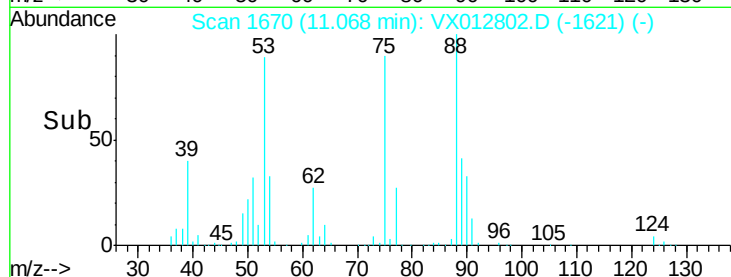
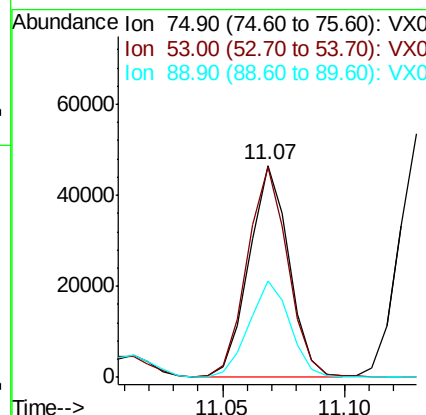
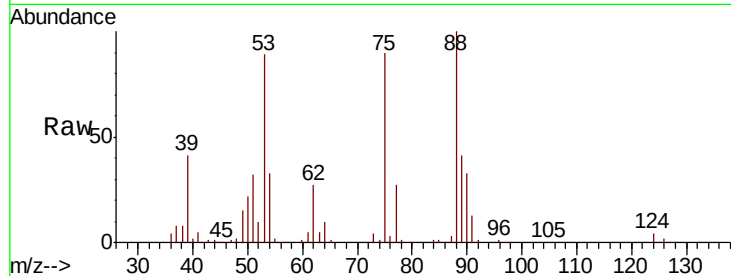
#81
trans-1,4-Dichloro-2-butene
Concen: 46.907 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.0	83.6	125.4
89	47.1	36.3	54.5

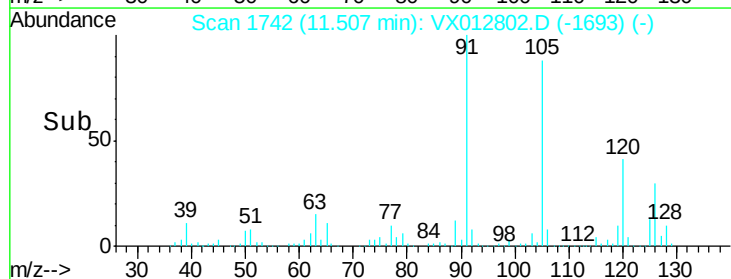
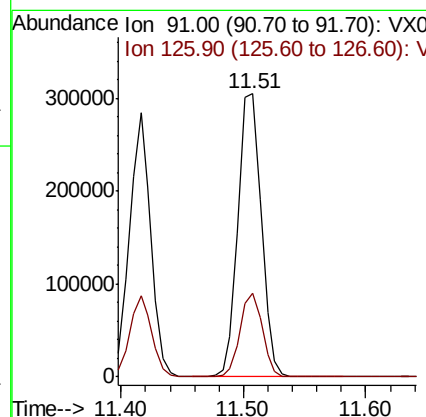
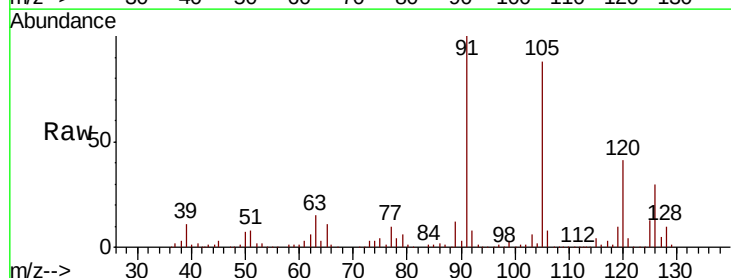
Manual Integrations
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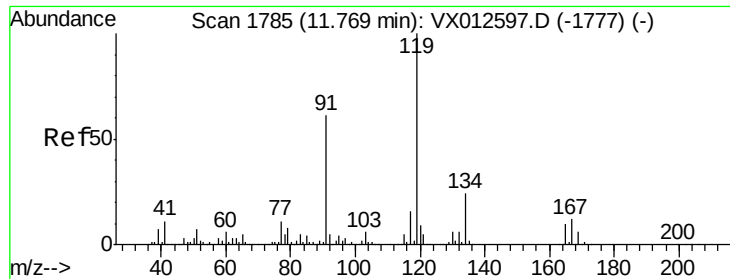
MMDadoda
10/7/2019 9:26:51 AM



#82
4-Chlorotoluene
Concen: 50.396 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.3	14.4	43.0





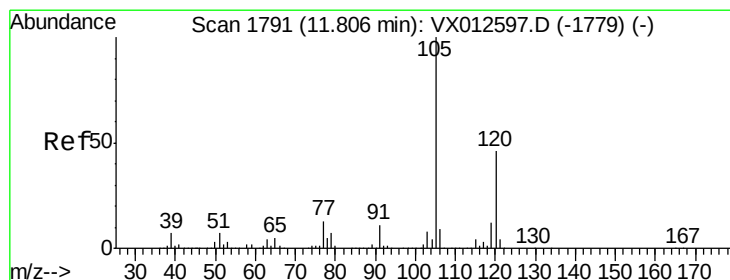
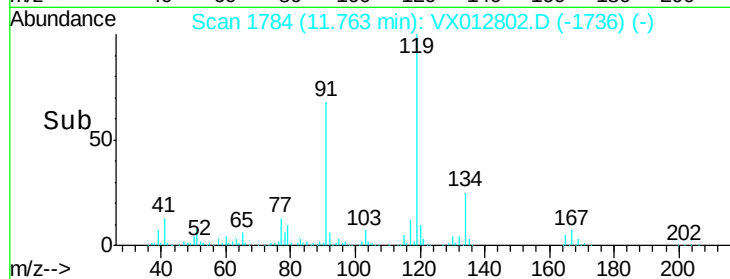
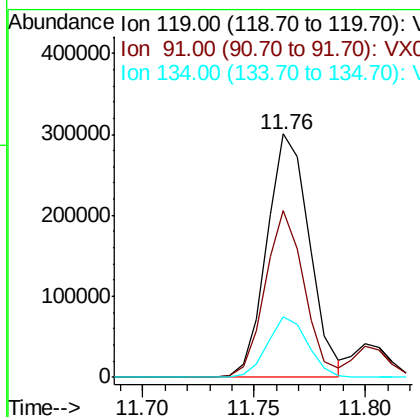
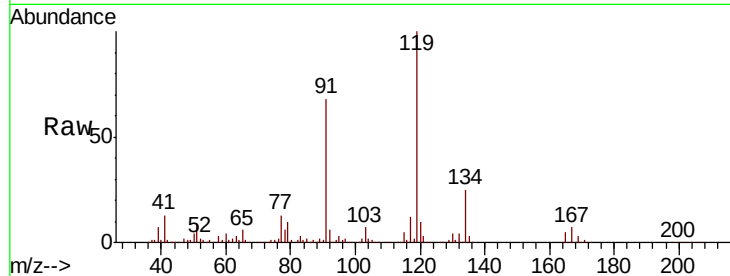
#83
 tert-Butylbenzene
 Concen: 49.552 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	398394		
91	63.0	30.0	90.0	
134	23.7	11.3	33.9	

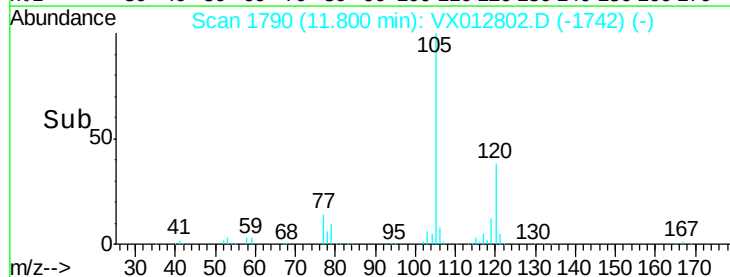
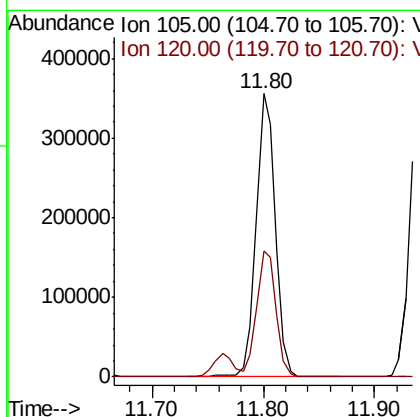
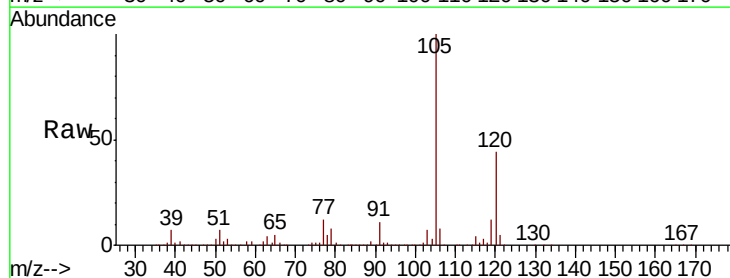
Manual Integrations
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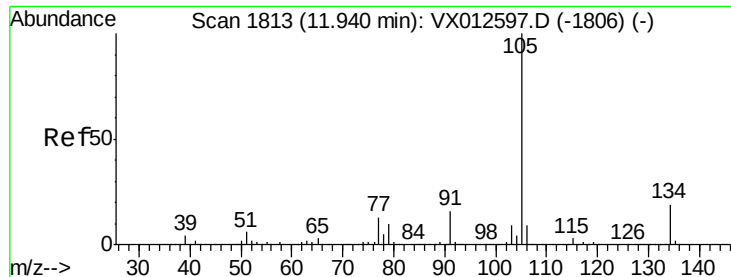
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.840 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	427460		
120	44.7	22.2	66.6	





#85

sec-Butylbenzene

Concen: 52.232 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 488447

Ion Ratio Lower Upper

105 100

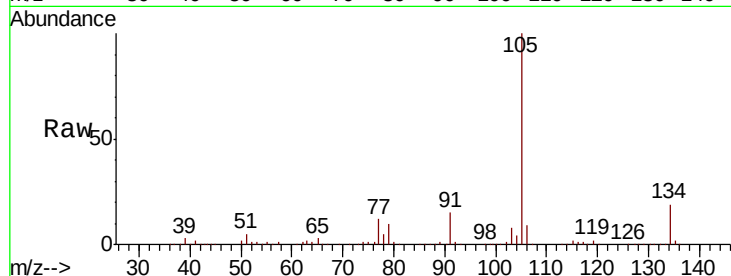
134 19.6 9.8 29.4

Manual Integrations

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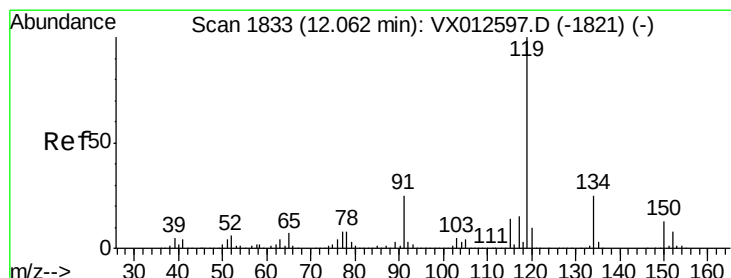
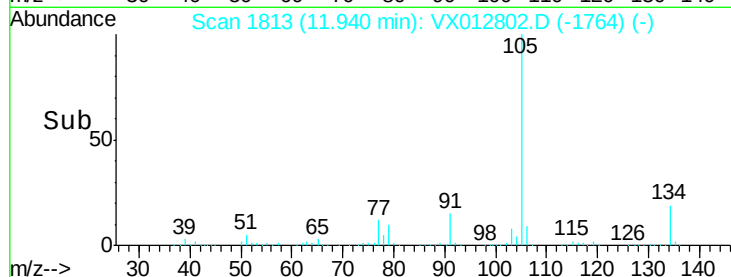
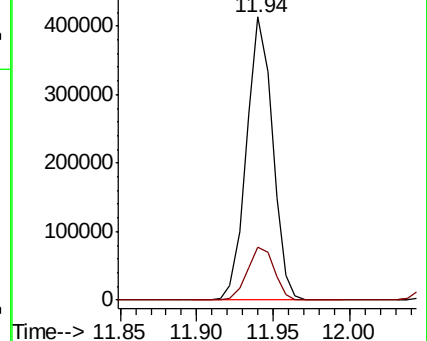
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.799 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

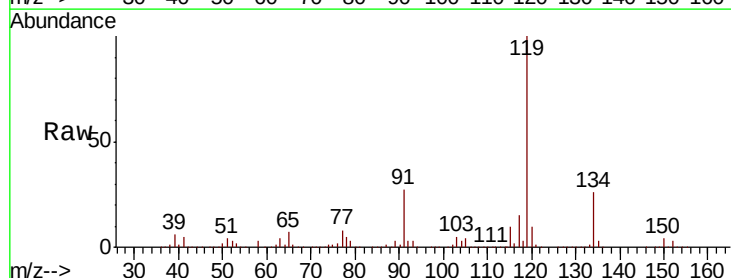
Tgt Ion:119 Resp: 445512

Ion Ratio Lower Upper

119 100

134 26.1 12.7 38.1

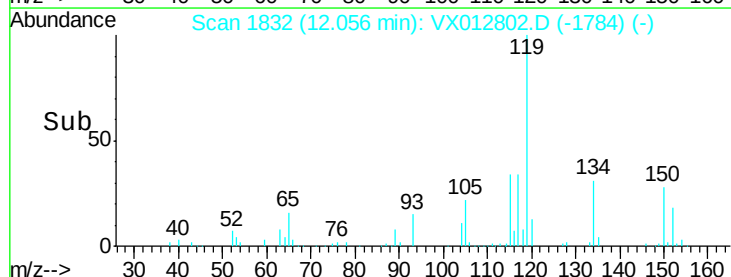
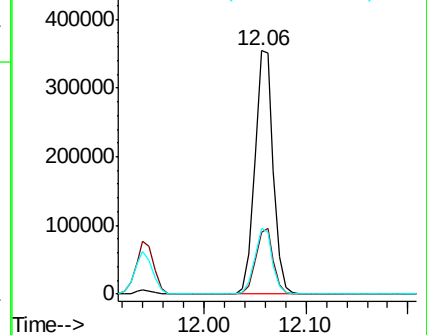
91 25.9 12.8 38.4

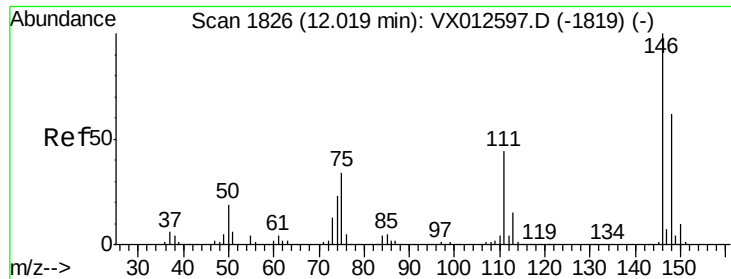


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





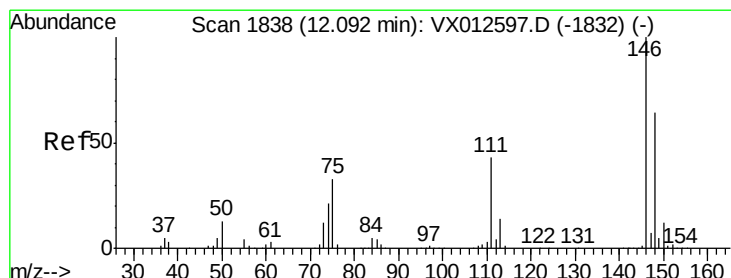
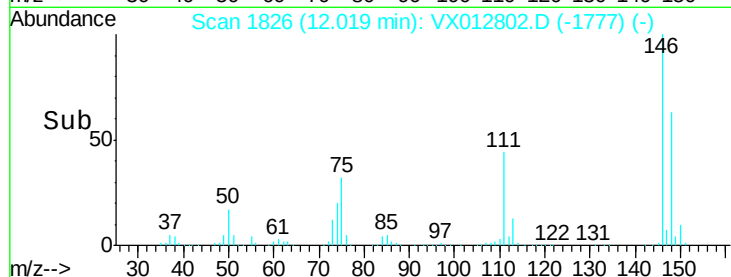
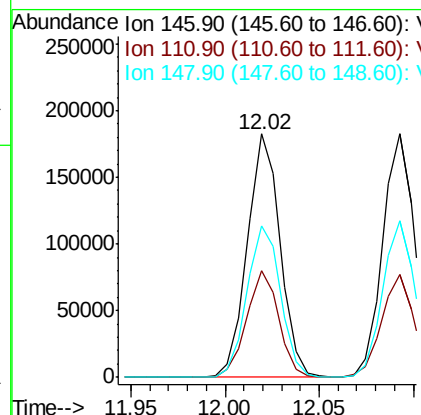
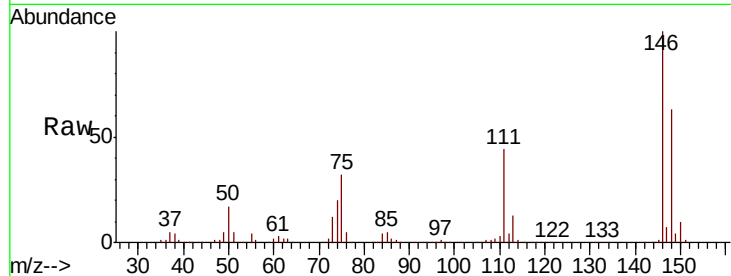
#87
 1,3-Dichlorobenzene
 Concen: 54.420 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.3	64.0
148	63.9	32.4	97.2

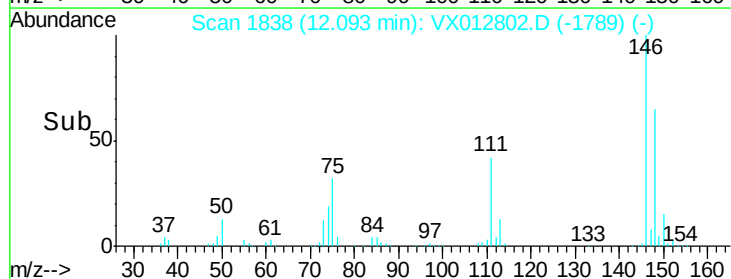
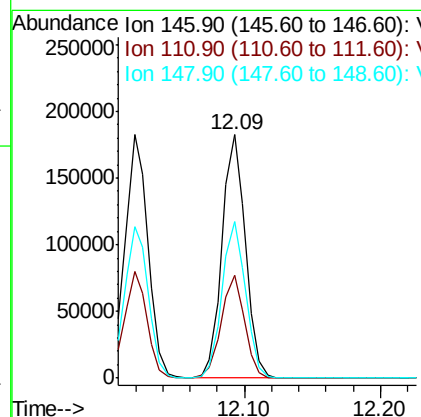
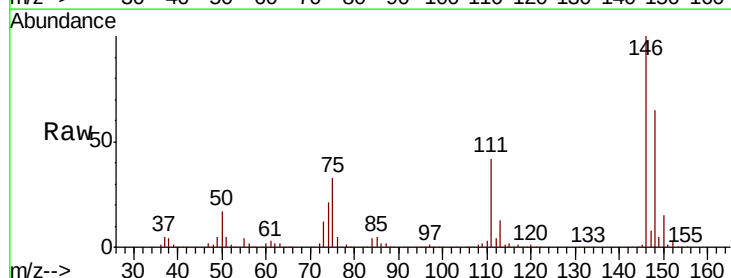
Manual Integrations
 APPROVED

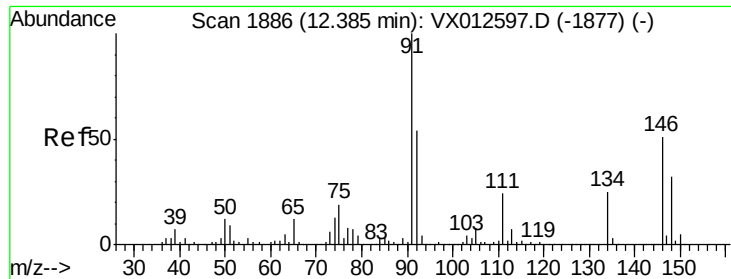
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 10/7/2019 9:26:51 AM



#88
 1,4-Dichlorobenzene
 Concen: 53.320 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.1	63.3
148	64.8	32.1	96.5





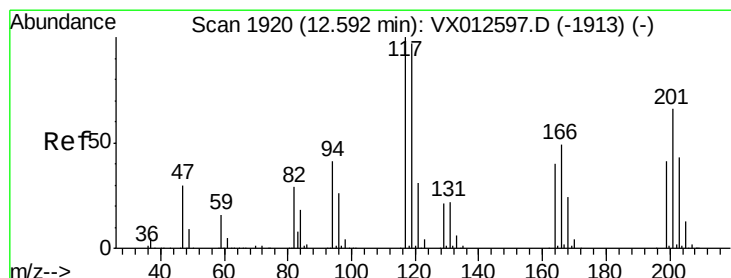
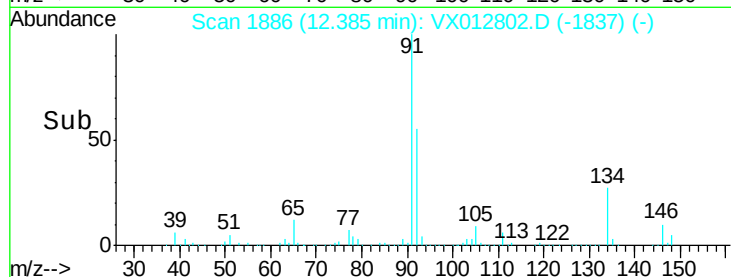
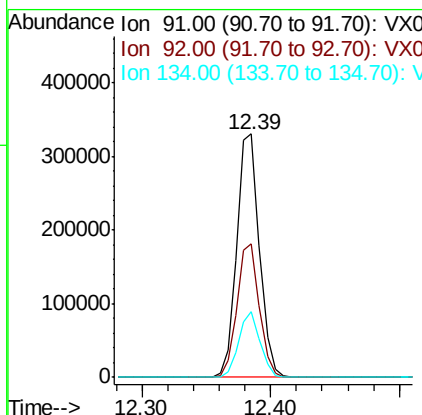
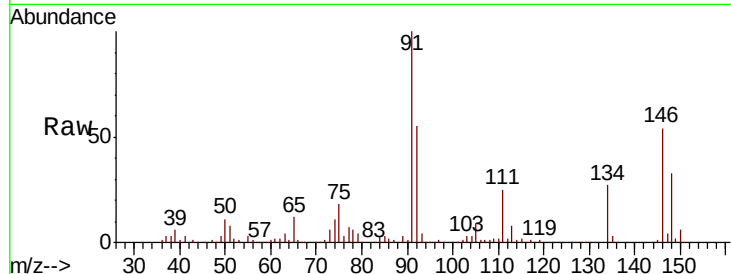
#89
n-Butylbenzene
Concen: 54.263 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.7	83.0
134	25.7	12.9	38.6

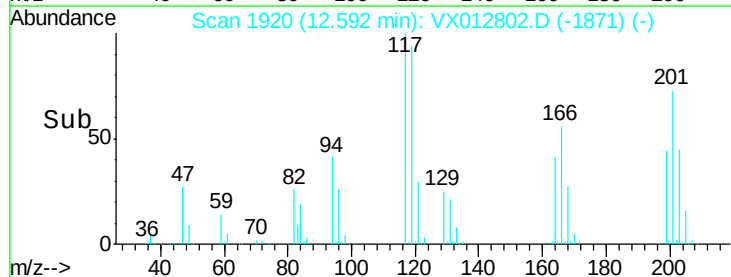
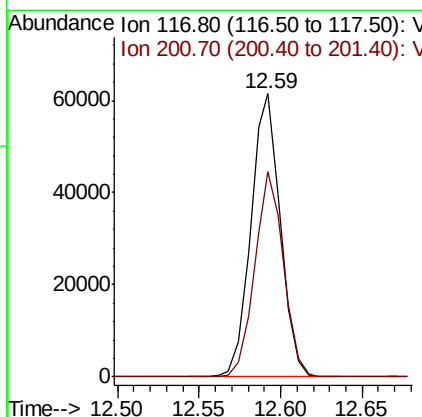
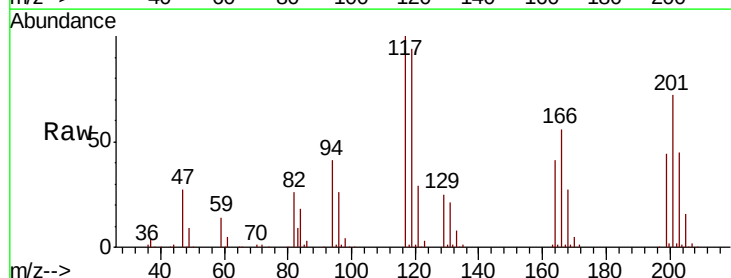
Manual Integrations
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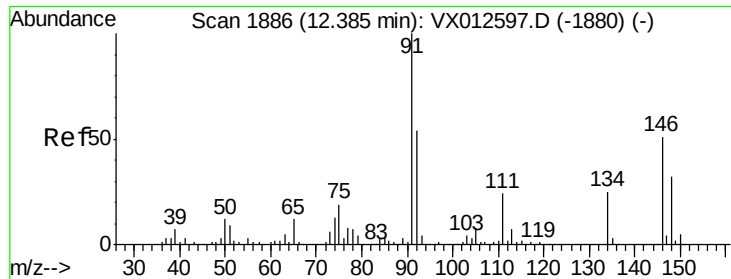
MMDadoda
10/7/2019 9:26:51 AM



#90
Hexachloroethane
Concen: 51.083 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.7	33.3	99.8





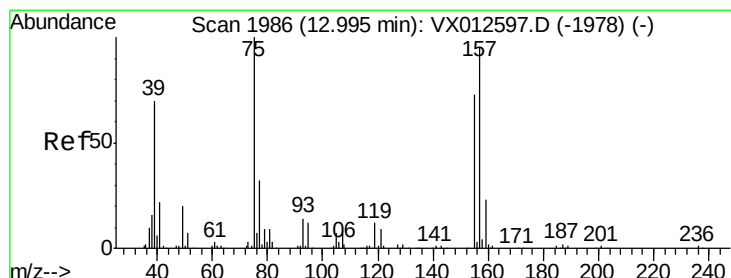
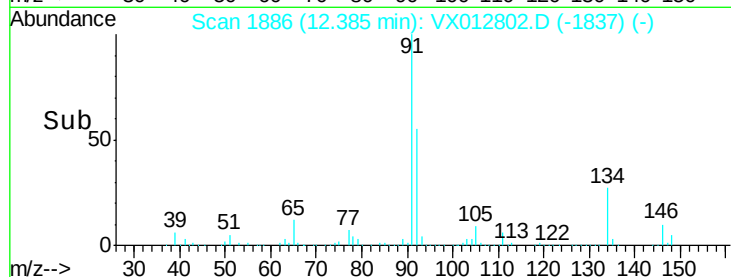
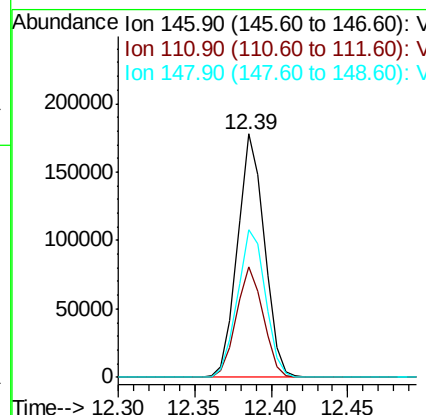
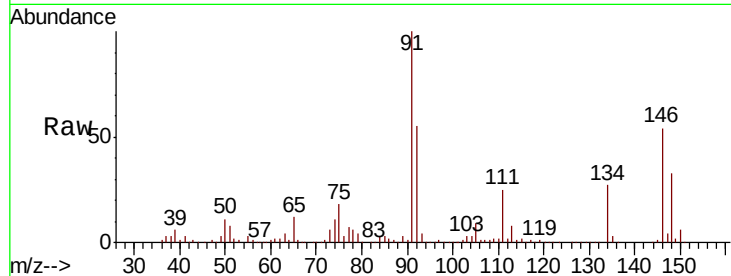
#91
 1,2-Dichlorobenzene
 Concen: 53.570 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	217113		
111	45.2	22.1	66.1	
148	63.1	31.3	93.9	

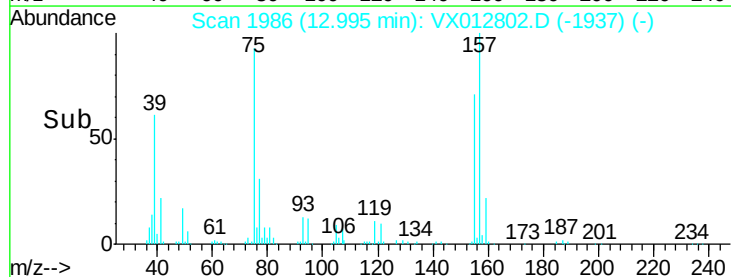
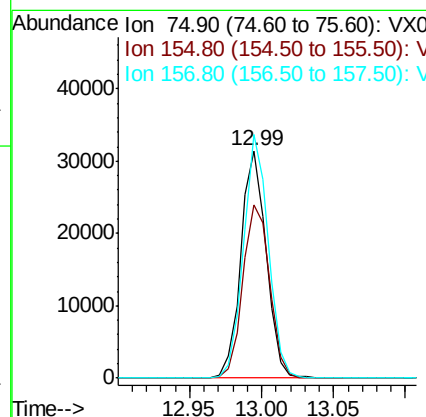
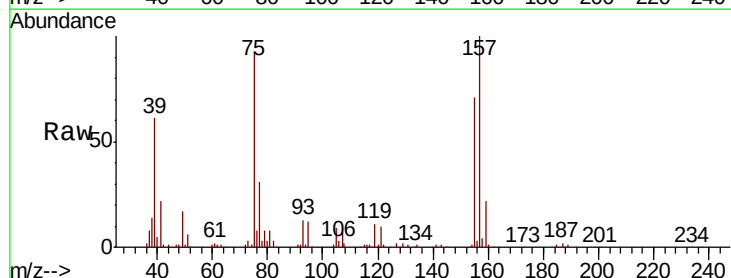
Manual Integrations
 APPROVED

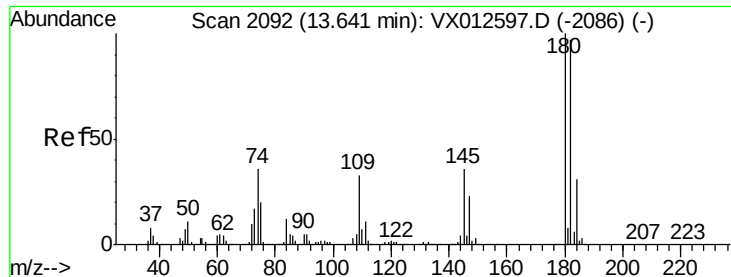
MMDadoda
 10/7/2019 9:26:51 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.928 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012802.D
 Acq: 04 Oct 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	38641		
155	79.8	38.6	115.8	
157	104.4	50.6	151.9	





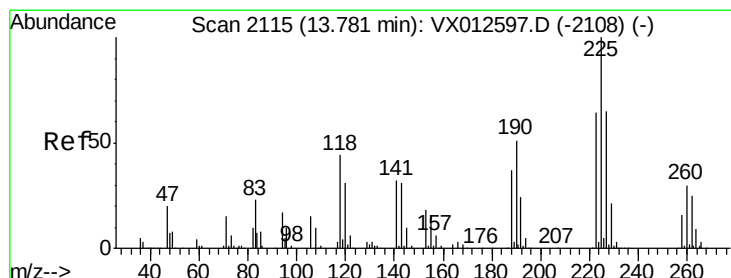
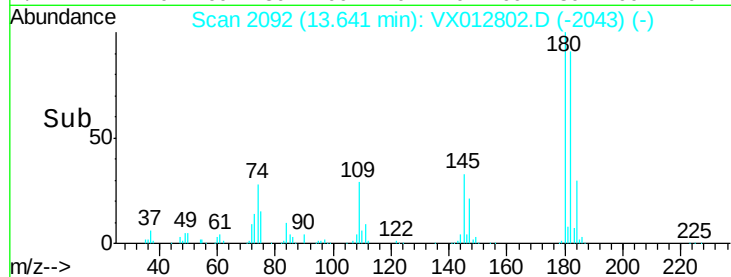
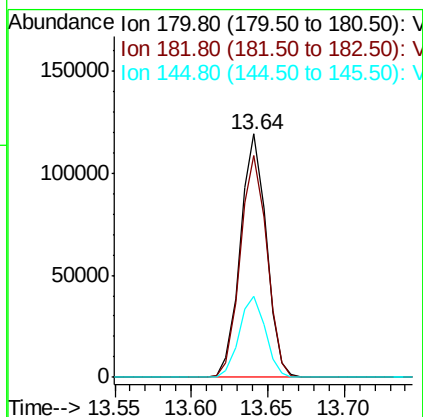
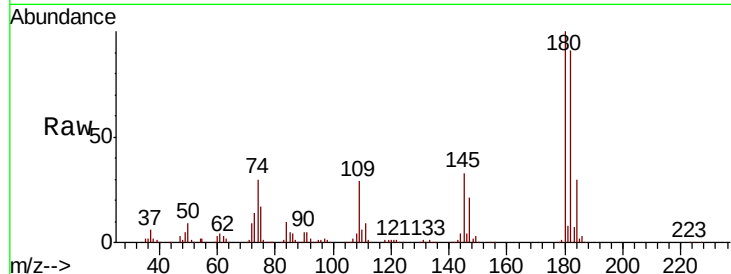
#93
1,2,4-Trichlorobenzene
Concen: 56.944 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	140746		
182	93.4	47.0	141.0	
145	33.6	16.8	50.4	

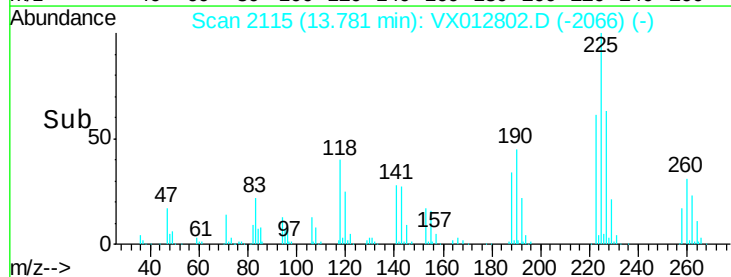
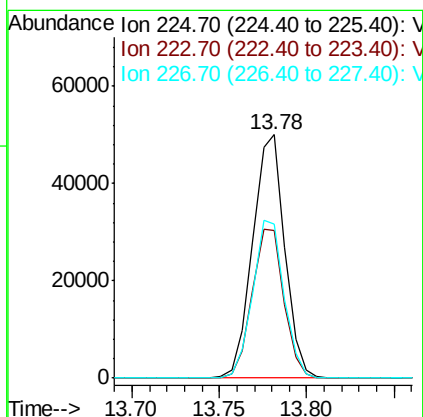
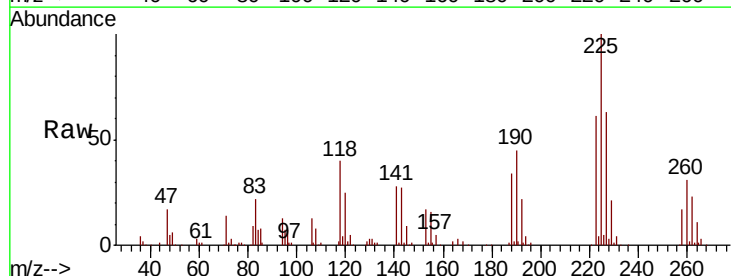
Manual Integrations
APPROVED

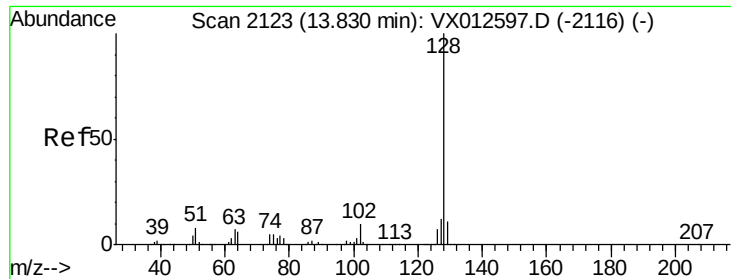
MMDadoda
10/7/2019 9:26:51 AM



#94
Hexachlorobutadiene
Concen: 59.886 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VX012802.D
Acq: 04 Oct 2019 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	63677		
223	61.0	32.0	96.2	
227	63.5	31.9	95.5	





#95

Naphthalene

Concen: 51.770 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Instrument :

MSVOA_X

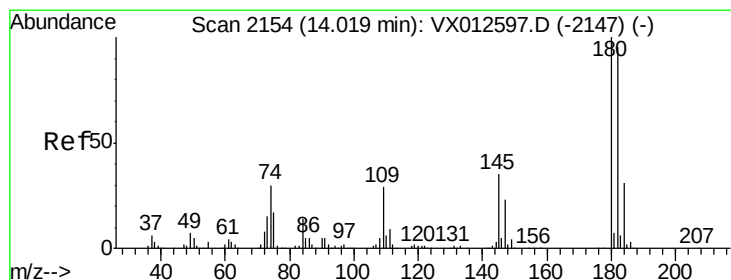
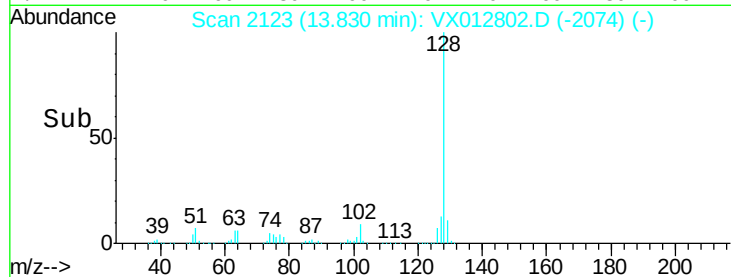
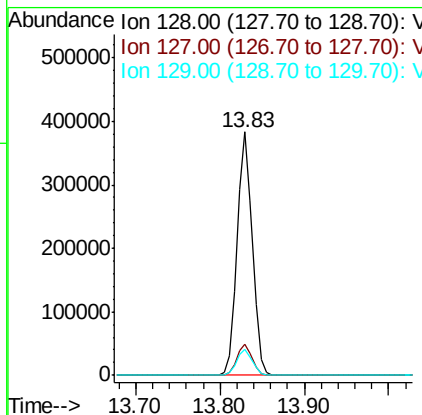
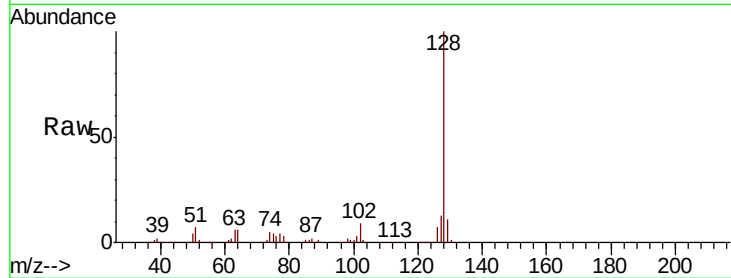
ClientSampled :

VSTDCCC050

Tot Ion:	128	Resp:	462951
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/7/2019 9:26:51 AM



#96

1,2,3-Trichlorobenzene

Concen: 56.635 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012802.D

Acq: 04 Oct 2019 11:06

Tgt Ion:	180	Resp:	140223
Ion Ratio	Lower	Upper	
180	100		
182	93.4	47.1	141.3
145	34.8	18.0	54.0

