

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100319\
 Data File : VX012800.D
 Acq On : 03 Oct 2019 21:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 9:19:33 AM

Quant Time: Oct 04 07:52:33 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	175054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	301305	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	128227	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	110651	43.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.82%	
35) Dibromofluoromethane	5.49	113	87875	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.71	98	324709	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
62) 4-Bromofluorobenzene	11.13	95	127178	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	78246	39.733	ug/l	97
3) Chloromethane	1.31	50	84662	37.439	ug/l	99
4) Vinyl Chloride	1.40	62	92515	41.160	ug/l	97
5) Bromomethane	1.62	94	35704	40.401	ug/l	98
6) Chloroethane	1.70	64	58368	38.520	ug/l	94
7) Trichlorofluoromethane	1.92	101	136070	43.118	ug/l	98
8) Diethyl Ether	2.18	74	54295	41.983	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	87311	45.425	ug/l	97
10) Methyl Iodide	2.50	142	81133	41.051	ug/l	93
11) Tert butyl alcohol	3.04	59	135591	212.930	ug/l	99
12) 1,1-Dichloroethene	2.36	96	86190	45.794	ug/l	95
13) Acrolein	2.28	56	73473	208.879	ug/l	99
14) Allyl chloride	2.72	41	155489	41.639	ug/l	97
15) Acrylonitrile	3.13	53	288013	222.936	ug/l	98
16) Acetone	2.44	43	244545	181.114	ug/l	95
17) Carbon Disulfide	2.56	76	211253	40.037	ug/l	100
18) Methyl Acetate	2.76	43	142606	44.854	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	322782	45.309	ug/l	97
20) Methylene Chloride	2.84	84	102118	44.716	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	93447	44.815	ug/l	95
22) Diisopropyl ether	3.84	45	318784	44.181	ug/l	97
23) Vinyl Acetate	3.80	43	1380913	218.237	ug/l	97
24) 1,1-Dichloroethane	3.69	63	174991	44.616	ug/l	99
25) 2-Butanone	4.66	43	395579	204.326	ug/l	96
26) 2,2-Dichloropropane	4.57	77	127252	36.479	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	109526	45.269	ug/l	91
28) Bromochloromethane	5.01	49	66110	46.422	ug/l	95
29) Tetrahydrofuran	5.11	42	254626	215.783	ug/l	96
30) Chloroform	5.20	83	178941	44.594	ug/l	96
31) Cyclohexane	5.57	56	155555	43.840	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	157880	44.394	ug/l	99
36) 1,1-Dichloropropene	5.79	75	131352	45.227	ug/l	98
37) Ethyl Acetate	4.82	43	151007	44.474	ug/l	96
38) Carbon Tetrachloride	5.77	117	135150	45.810	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	156641	44.801	ug/l	96
40) Benzene	6.14	78	396962	46.455	ug/l	99
41) Methacrylonitrile	5.03	41	84363	44.284	ug/l	93
42) 1,2-Dichloroethane	6.19	62	147242	45.376	ug/l	98
43) Isopropyl Acetate	6.44	43	249205	43.889	ug/l	97
44) Trichloroethene	7.20	130	102547	46.942	ug/l	97
45) 1,2-Dichloropropane	7.51	63	104184	47.621	ug/l	98
46) Dibromomethane	7.65	93	69342	46.552	ug/l	98
47) Bromodichloromethane	7.89	83	137414	46.158	ug/l	99
48) Methyl methacrylate	7.76	41	122453	44.976	ug/l	92
49) 1,4-Dioxane	7.73	88	54914	889.235	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	786746	224.463	ug/l	96
52) Toluene	8.78	92	251131	46.760	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	149589	45.415	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	164240	45.669	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	102217	47.872	ug/l	98
56) Ethyl methacrylate	9.17	69	170407	47.504	ug/l	91
57) 1,3-Dichloropropane	9.37	76	176158	47.139	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	396478	246.229	ug/l	100
59) 2-Hexanone	9.49	43	603089	224.792	ug/l	94
60) Dibromochloromethane	9.58	129	105707	48.905	ug/l	99
61) 1,2-Dibromoethane	9.67	107	107458	48.357	ug/l	100
64) Tetrachloroethene	9.33	164	92877	48.572	ug/l	93
65) Chlorobenzene	10.14	112	264821	45.855	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	99161	47.389	ug/l	98
67) Ethyl Benzene	10.25	91	484130	46.219	ug/l	99
68) m/p-Xylenes	10.36	106	364855	92.984	ug/l	99
69) o-Xylene	10.70	106	177704	46.804	ug/l	99
70) Styrene	10.71	104	309633	48.646	ug/l	98
71) Bromoform	10.86	173	71696	49.207	ug/l #	100
73) Isopropylbenzene	11.01	105	477548	45.726	ug/l	99
74) N-amyl acetate	10.89	43	219404	44.036	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	160202	46.317	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	149780m	44.158	ug/l	
77) Bromobenzene	11.25	156	108379	45.852	ug/l	99
78) n-propylbenzene	11.35	91	529213	45.010	ug/l	100
79) 2-Chlorotoluene	11.42	91	325592	44.391	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	404205	46.153	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47829	40.410	ug/l	97
82) 4-Chlorotoluene	11.51	91	381073	45.576	ug/l	99
83) tert-Butylbenzene	11.76	119	386177	45.711	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	408513	46.239	ug/l	100
85) sec-Butylbenzene	11.94	105	454196	46.223	ug/l	99
86) p-Isopropyltoluene	12.06	119	415431	46.855	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	201707	47.419	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	202766	47.173	ug/l	98
89) n-Butylbenzene	12.39	91	350922	44.916	ug/l	100
90) Hexachloroethane	12.59	117	69798	44.157	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	203521	47.790	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39905	46.122	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	125954	48.498	ug/l	99
94) Hexachlorobutadiene	13.78	225	57112	51.117	ug/l	97
95) Naphthalene	13.83	128	448185	47.697	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	127121	48.863	ug/l	100

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

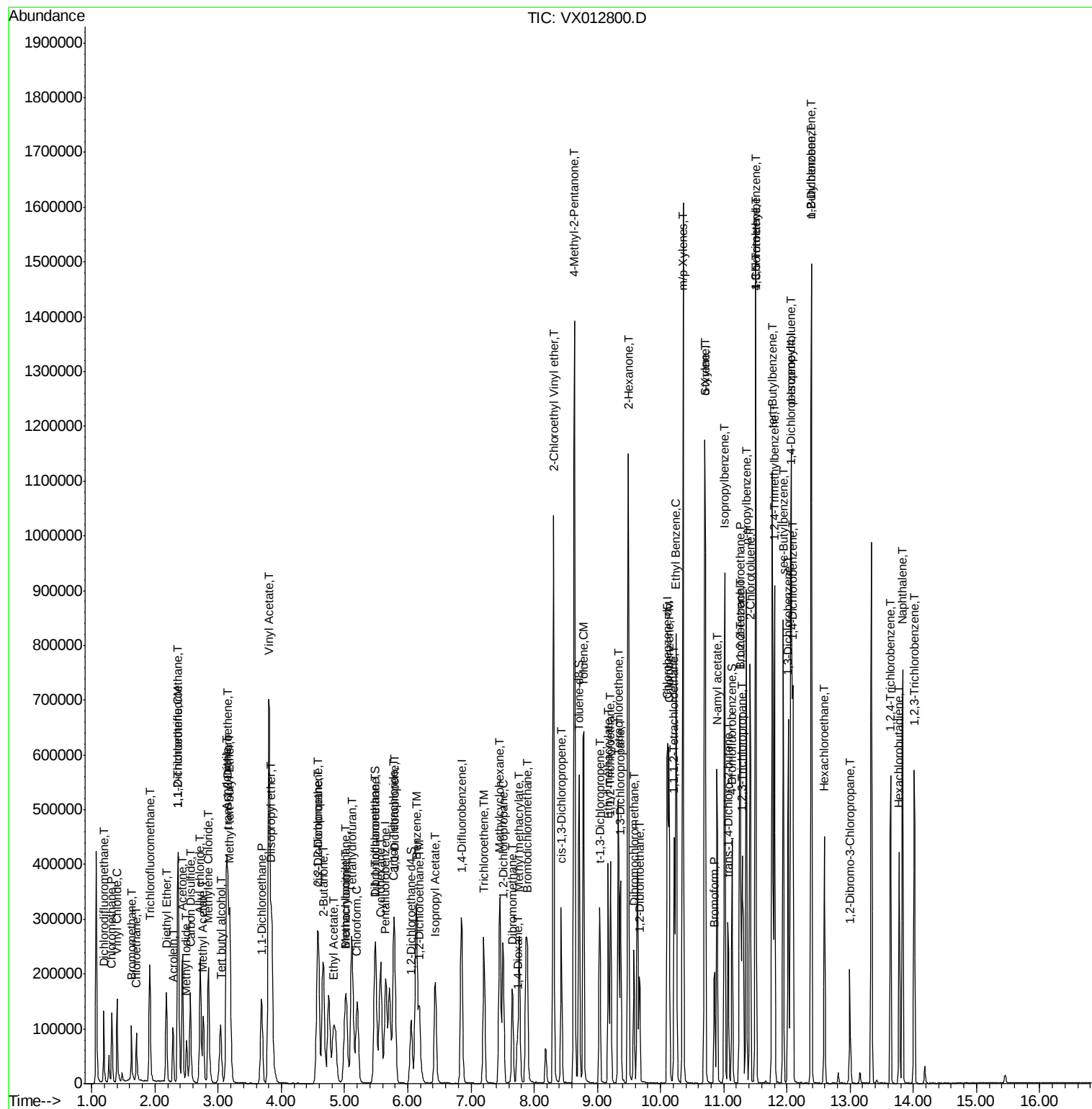
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Data File : VX012800.D
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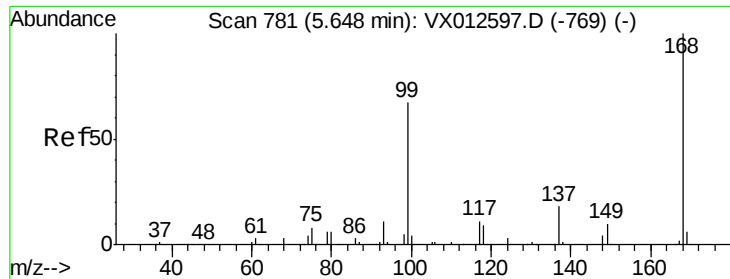
Instrument :
MSVOA_X
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 175054

Ion Ratio Lower Upper

168 100

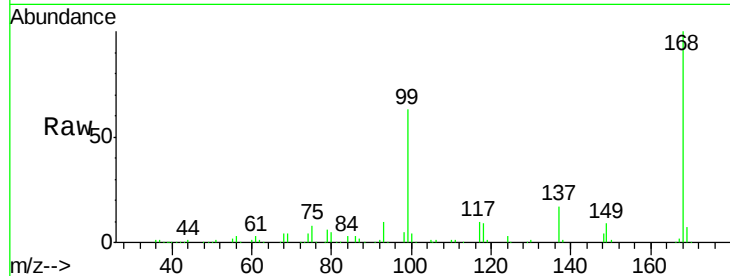
99 62.7 51.4 77.2

Manual Integrations

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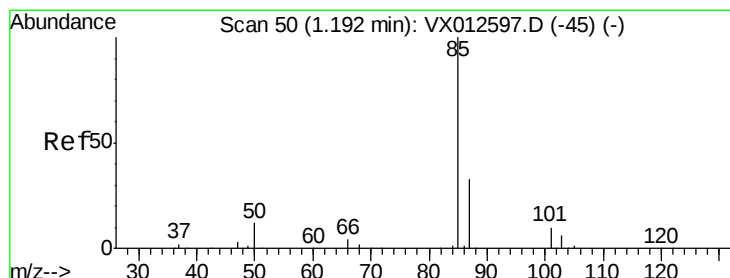
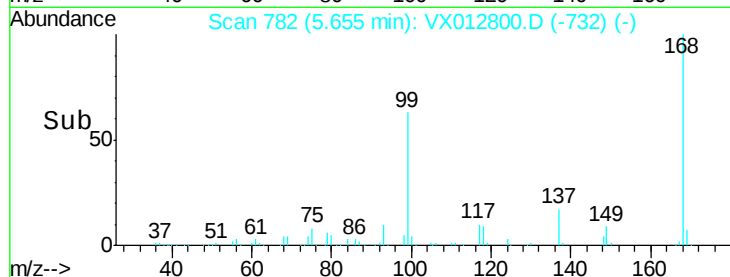
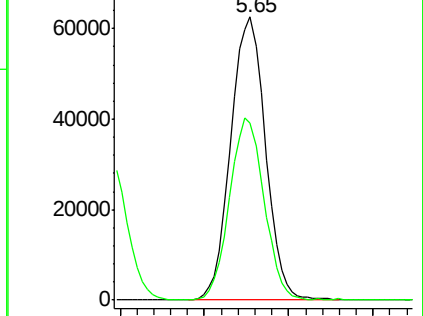
MMDadoda

10/4/2019 9:19:33 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 39.733 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012800.D

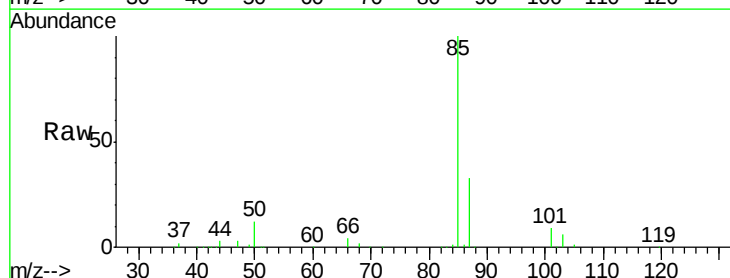
Acq: 03 Oct 2019 21:39

Tgt Ion: 85 Resp: 78246

Ion Ratio Lower Upper

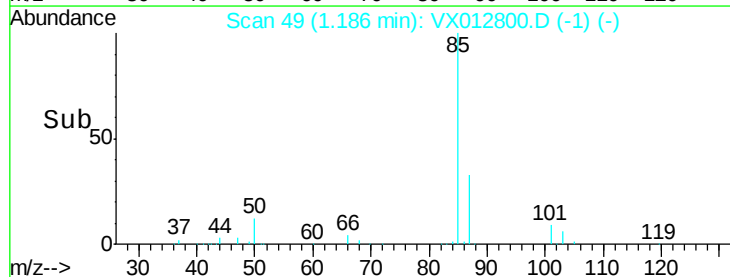
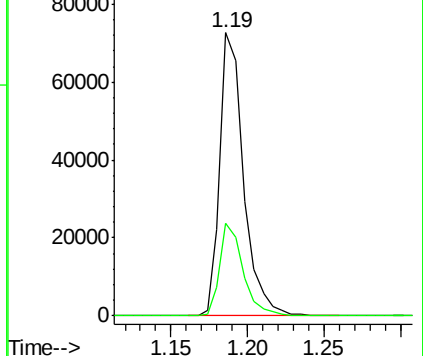
85 100

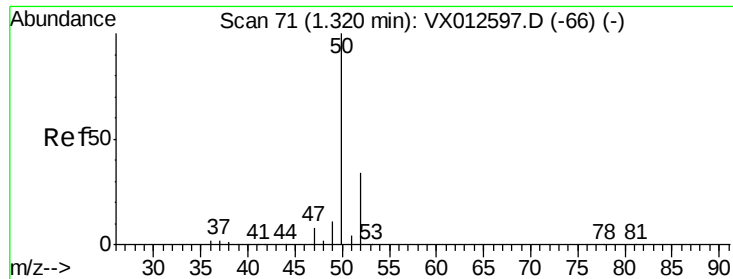
87 32.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 37.439 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 84662

Ion Ratio Lower Upper

50 100

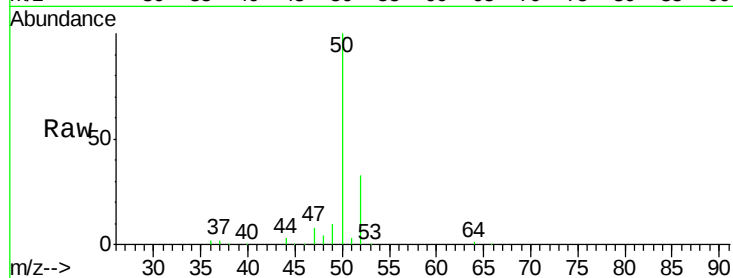
52 32.6 25.7 38.5

Manual Integrations

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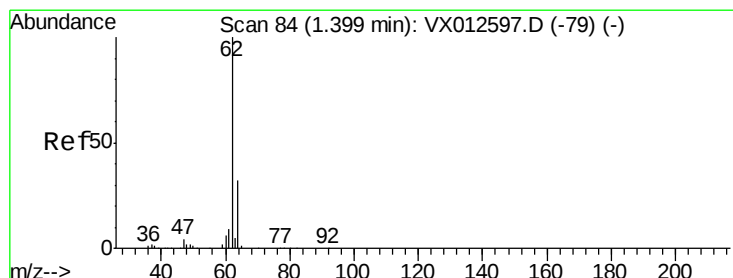
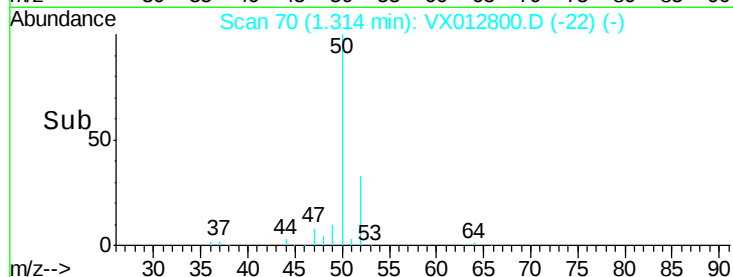
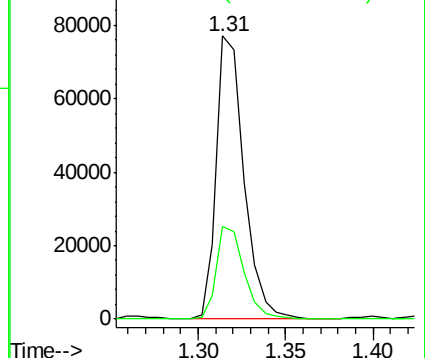
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 41.160 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012800.D

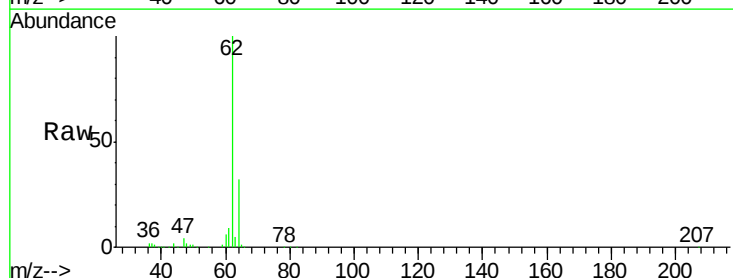
Acq: 03 Oct 2019 21:39

Tgt Ion: 62 Resp: 92515

Ion Ratio Lower Upper

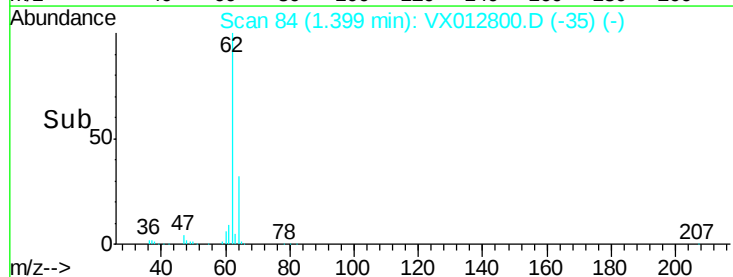
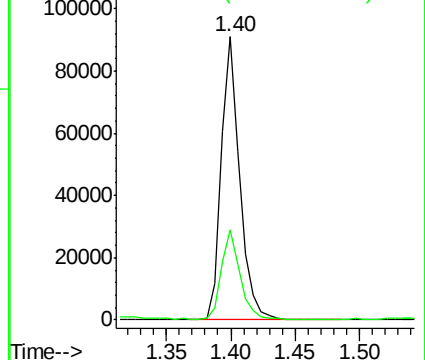
62 100

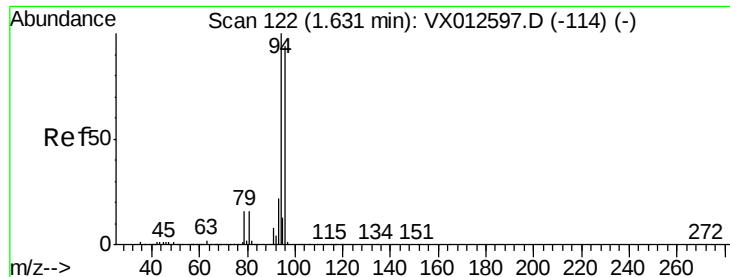
64 31.6 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.401 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 35704

Ion Ratio Lower Upper

94 100

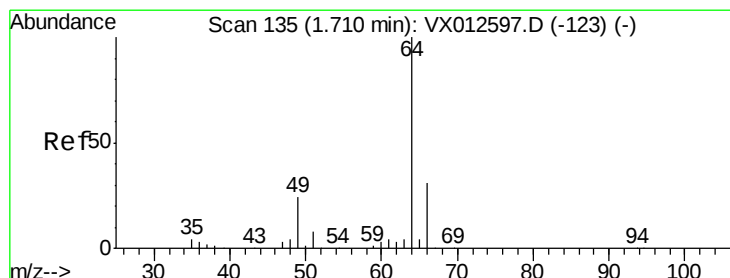
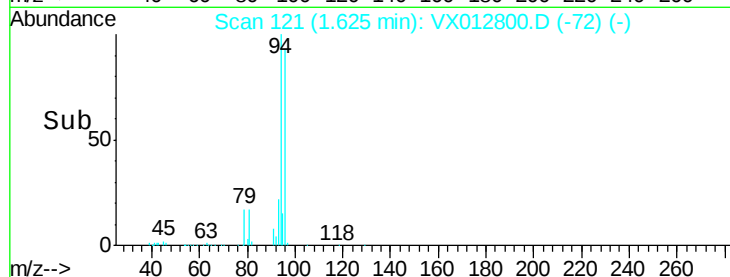
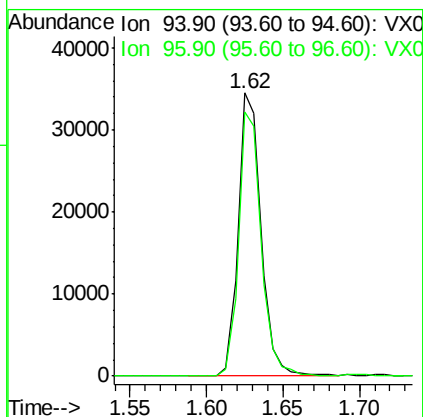
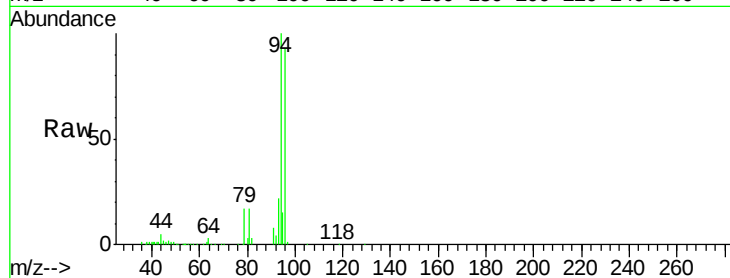
96 93.3 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 38.520 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012800.D

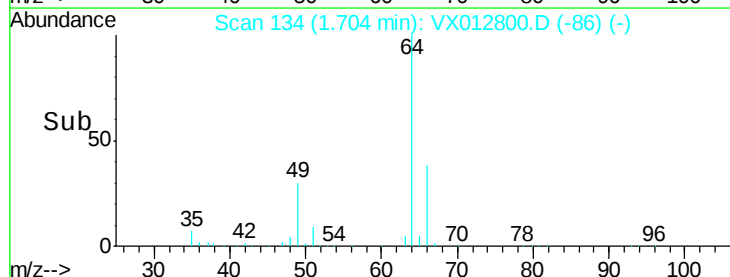
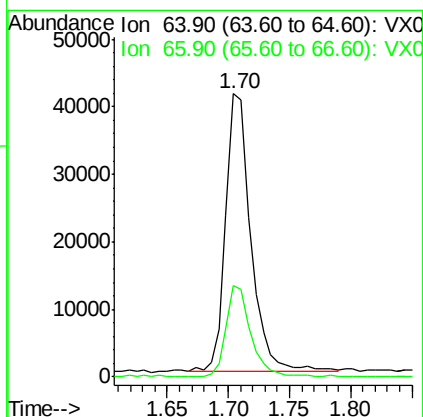
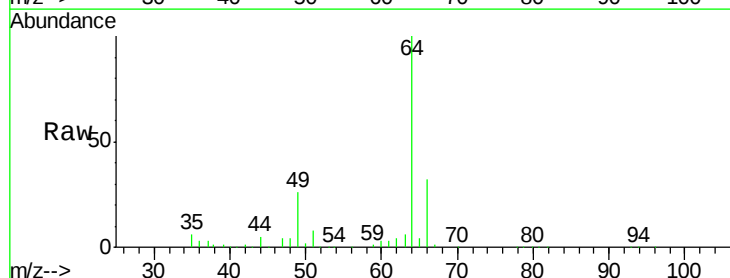
Acq: 03 Oct 2019 21:39

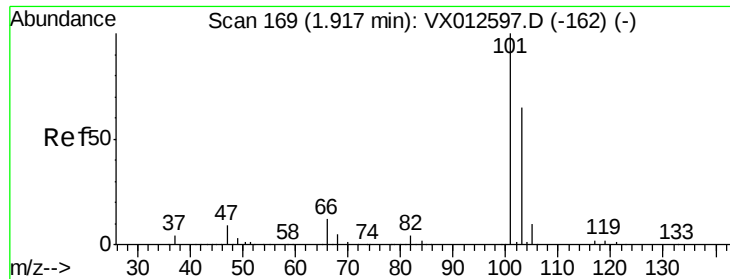
Tgt Ion: 64 Resp: 58368

Ion Ratio Lower Upper

64 100

66 33.1 24.0 36.0





#7

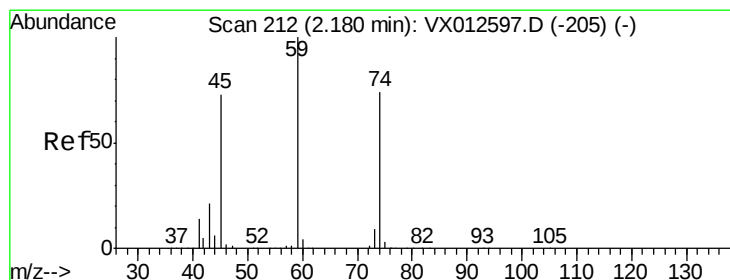
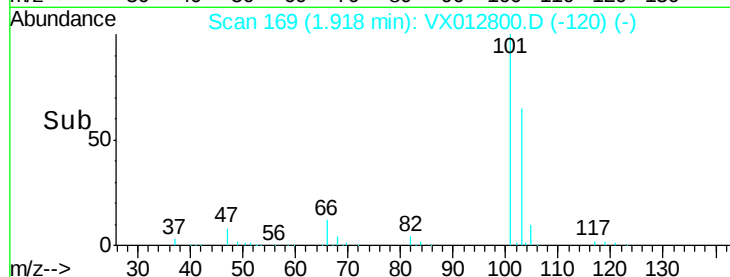
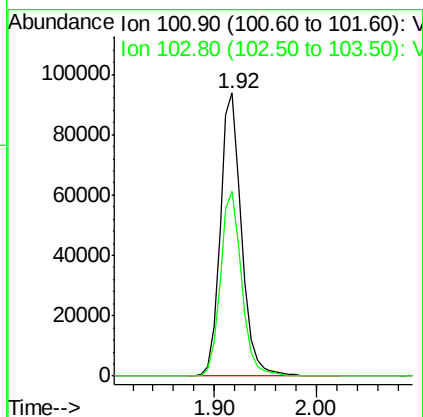
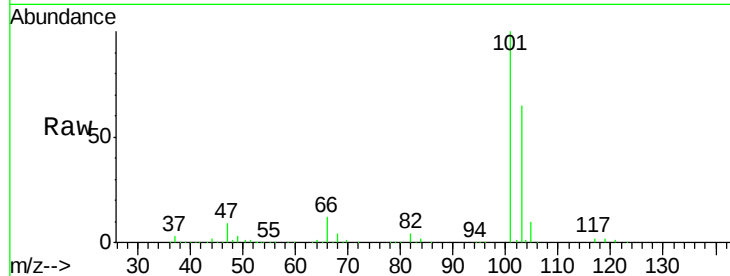
Trichlorofluoromethane
Concen: 43.118 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.0	76.4

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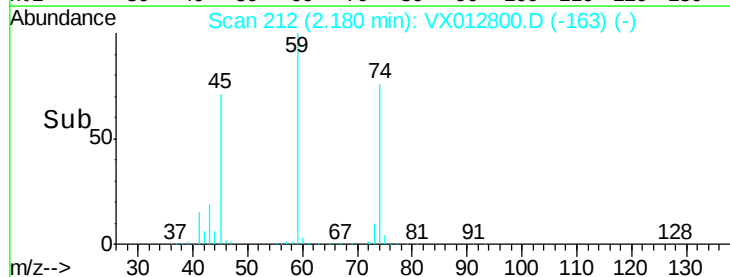
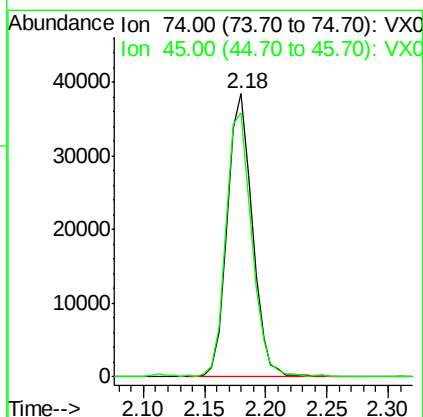
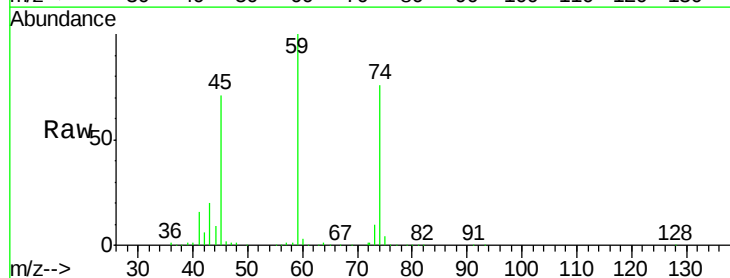
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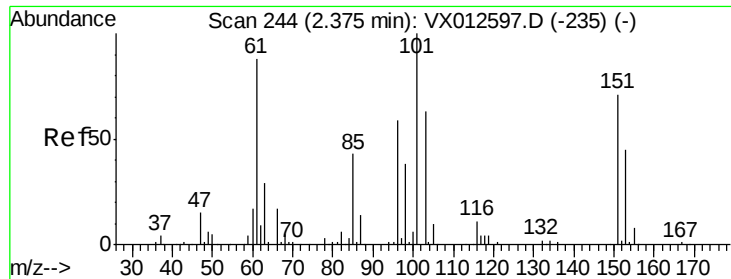


#8

Diethyl Ether
Concen: 41.983 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.4	49.9	149.7





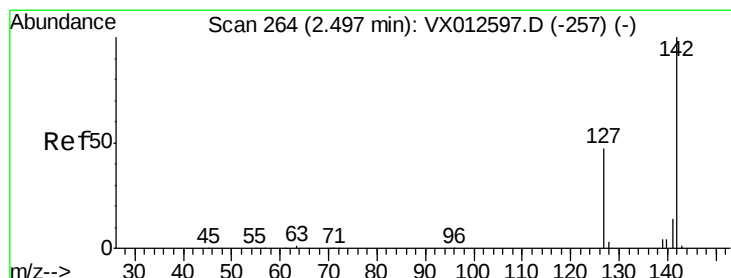
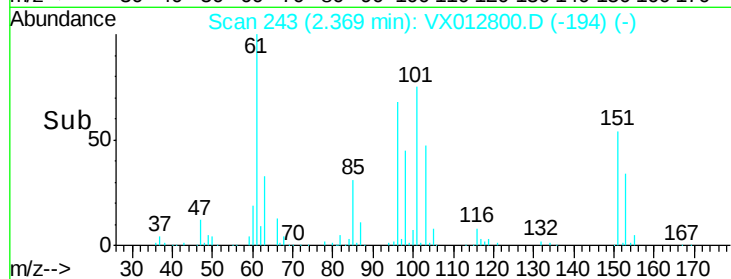
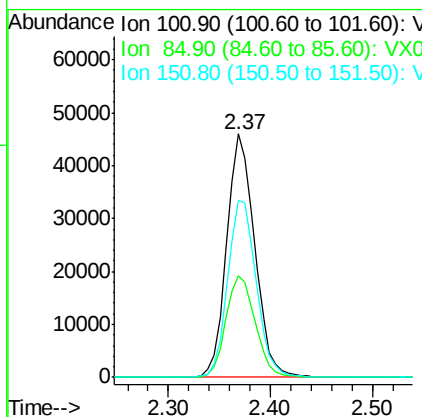
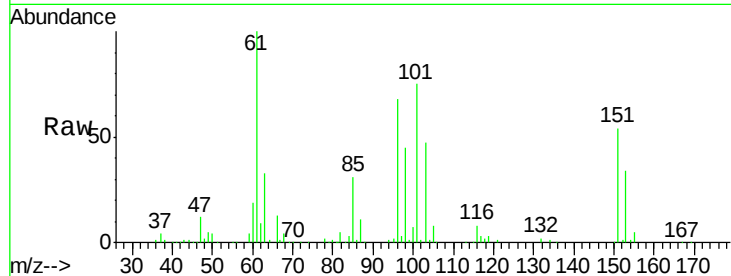
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.425 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.5	37.3	55.9
151	74.0	61.0	91.4

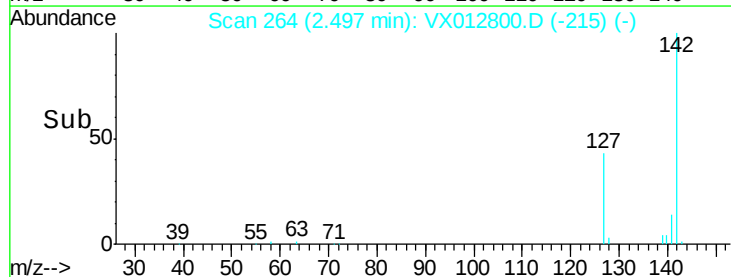
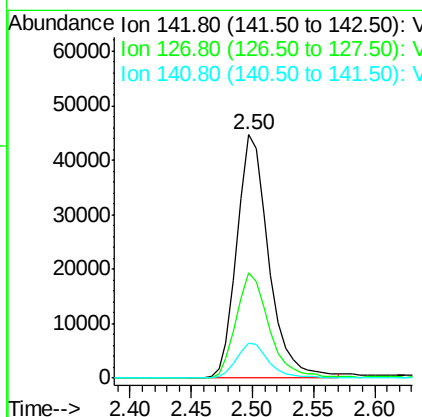
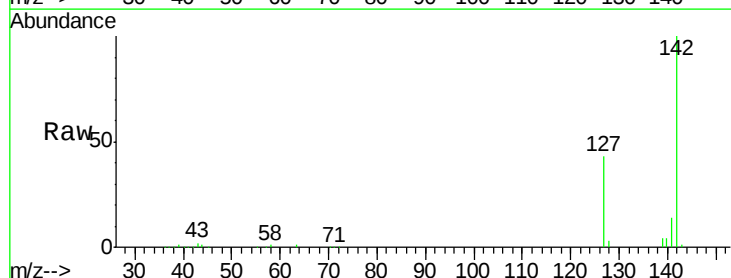
Manual Integrations
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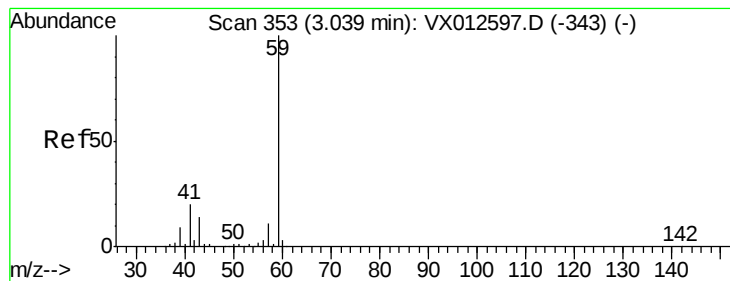
MMDadoda
 10/4/2019 9:19:33 AM



#10
 Methyl Iodide
 Concen: 41.051 ug/l
 RT: 2.50 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion	Ratio	Lower	Upper
142	100		
127	44.7	40.8	61.2
141	14.8	12.1	18.1





#11

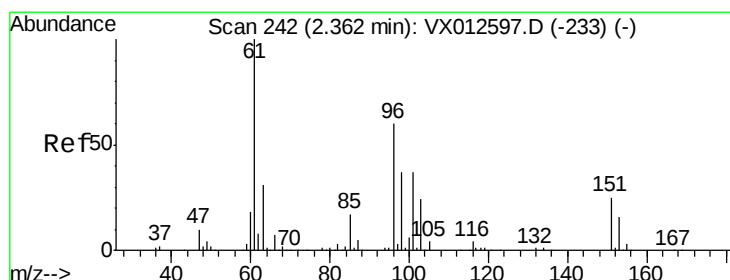
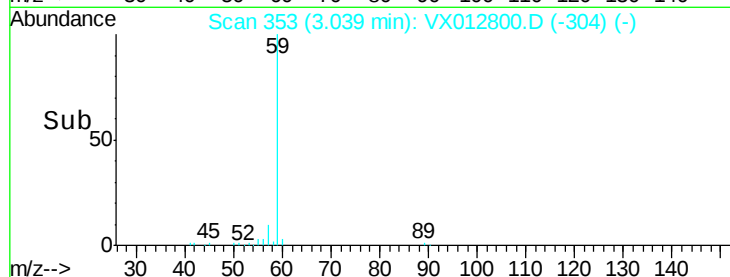
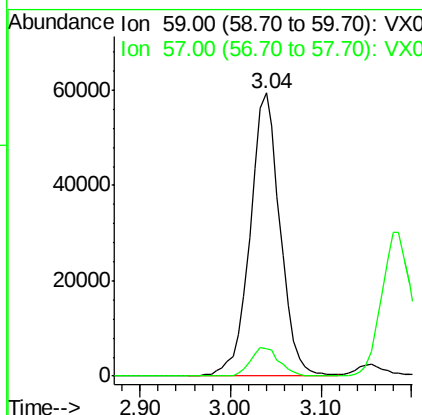
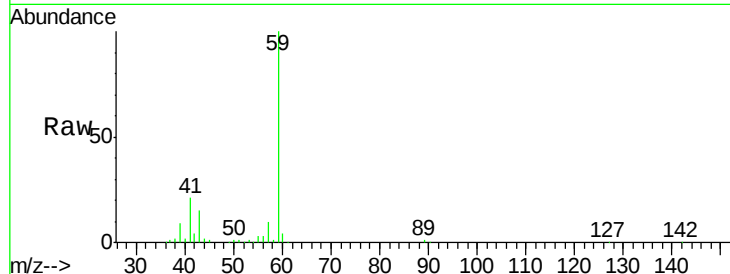
Tert butyl alcohol
Concen: 212.930 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5

Manual Integrations
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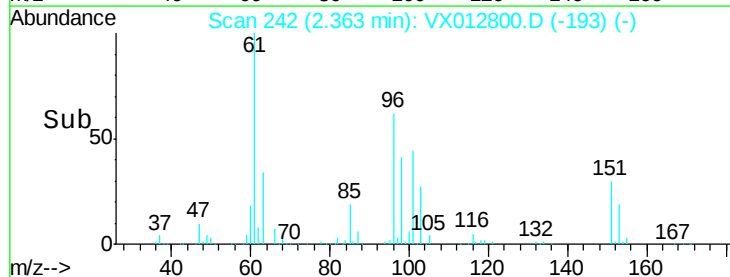
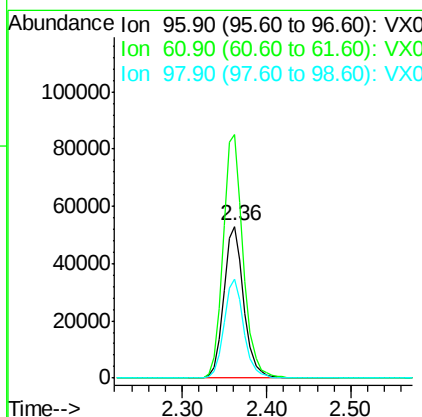
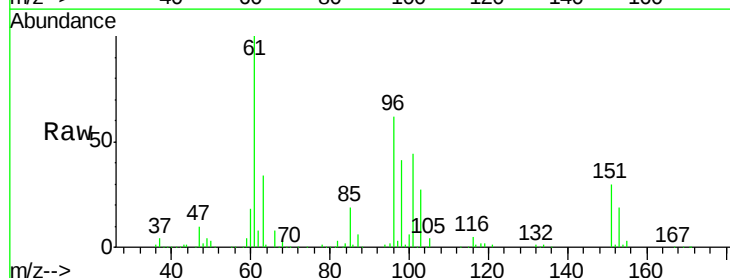
MMDadoda
10/4/2019 9:19:33 AM

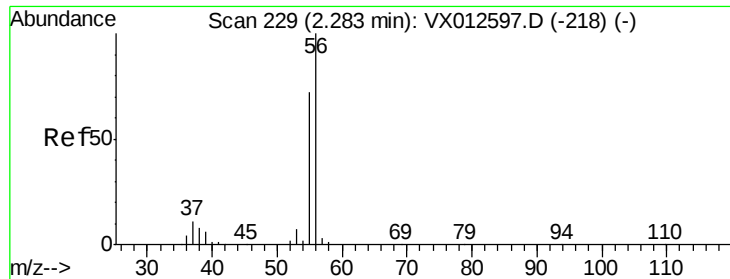


#12

1,1-Dichloroethene
Concen: 45.794 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.1	133.8	200.6
98	64.9	49.9	74.9





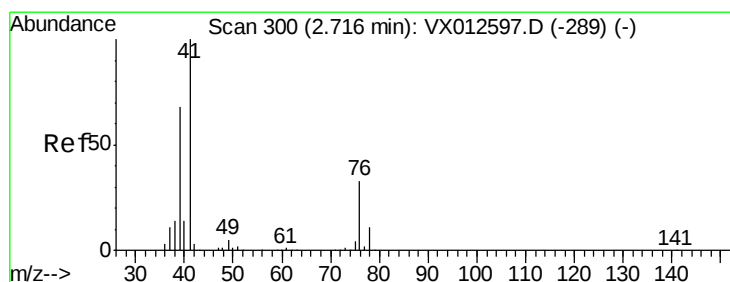
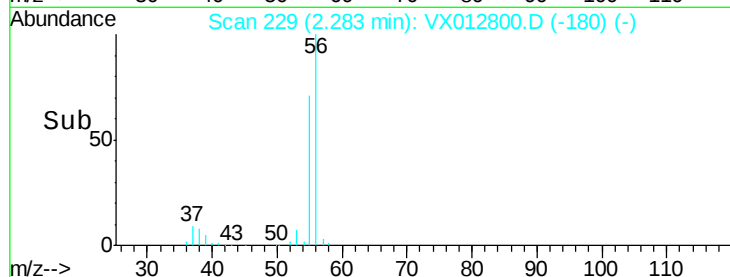
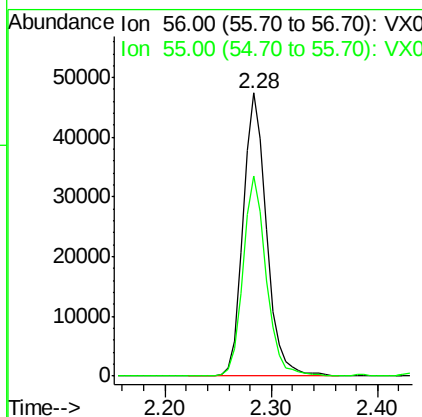
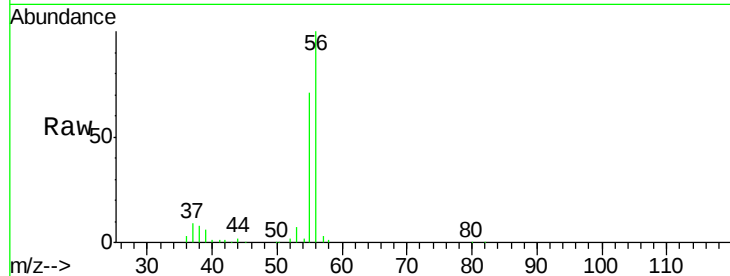
#13
Acrolein
Concen: 208.879 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	73473
Ion Ratio	100	Lower	Upper
55	70.4	55.8	83.8

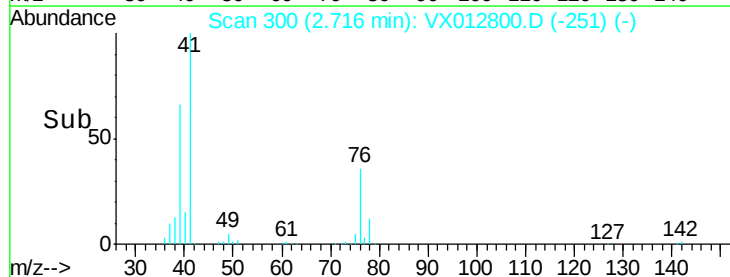
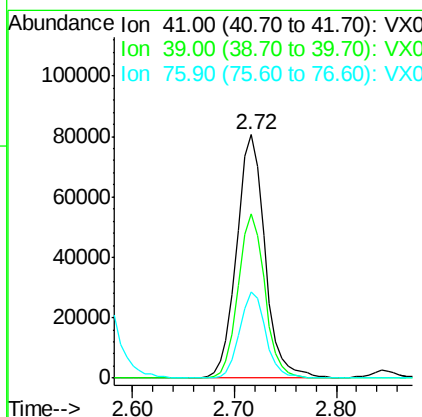
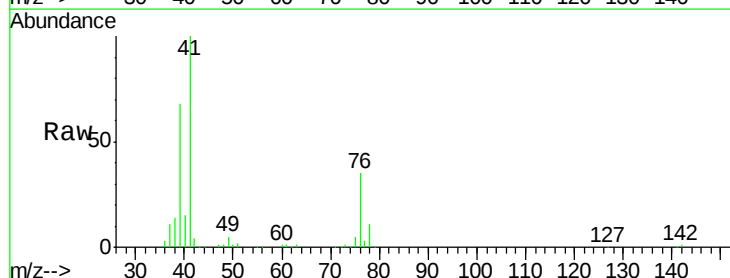
Manual Integrations
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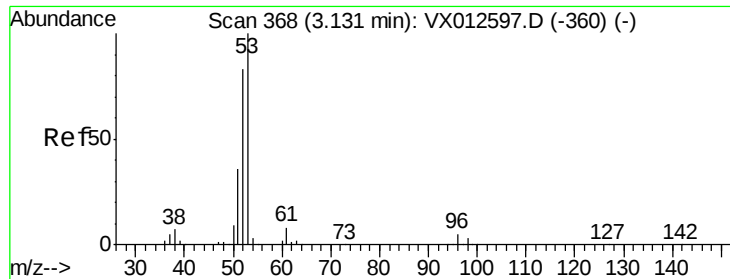
MMDadoda
10/4/2019 9:19:33 AM



#14
Allyl chloride
Concen: 41.639 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion	41	Resp	155489
Ion Ratio	100	Lower	Upper
39	63.6	51.3	76.9
76	32.6	22.6	33.8





#15

Acrylonitrile

Concen: 222.936 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

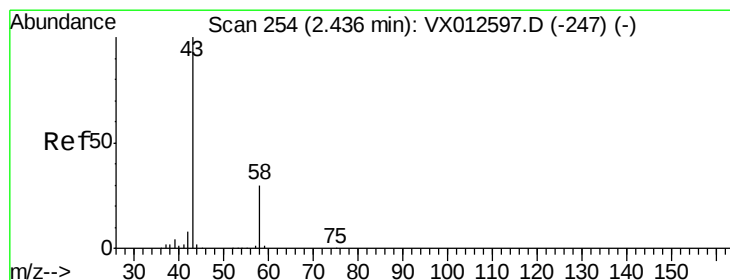
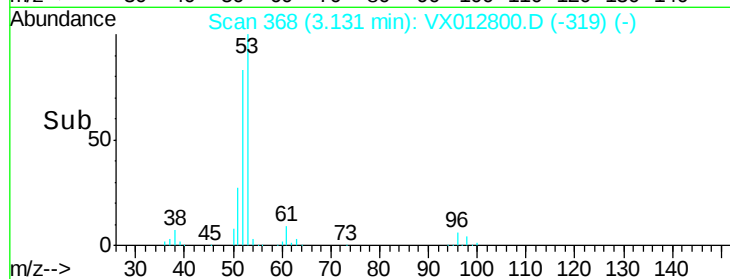
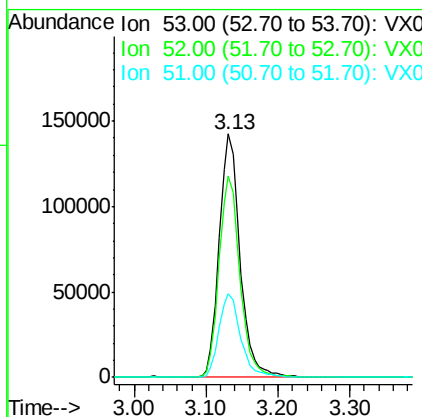
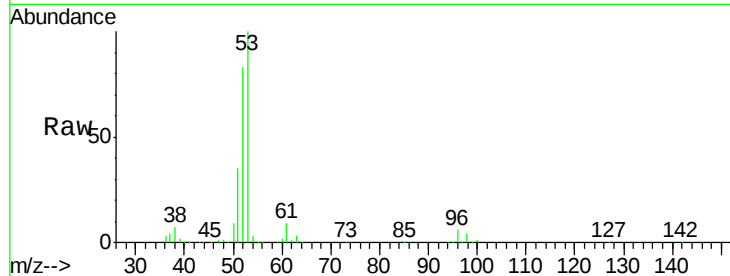
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	288013
Ion Ratio	Lower	Upper	
53	100		
52	82.7	67.0	100.4
51	35.5	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 181.114 ug/l

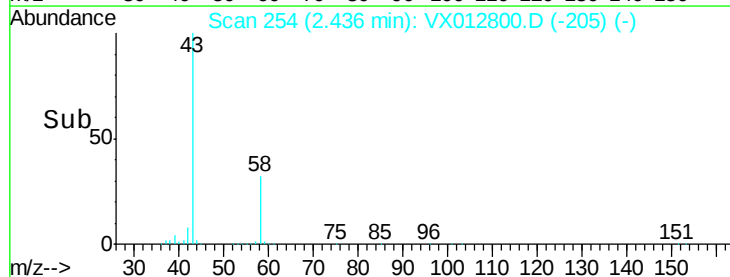
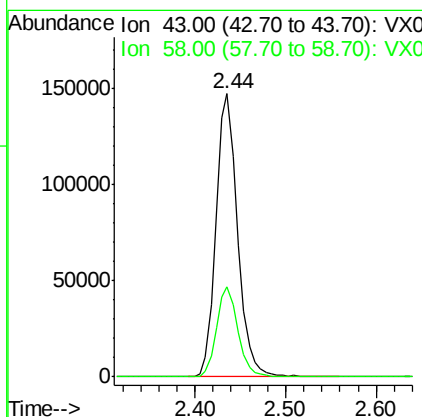
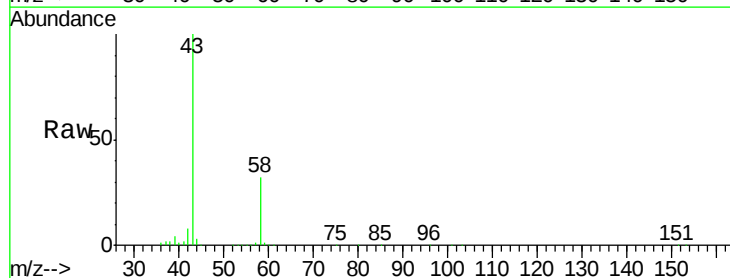
RT: 2.44 min Scan# 254

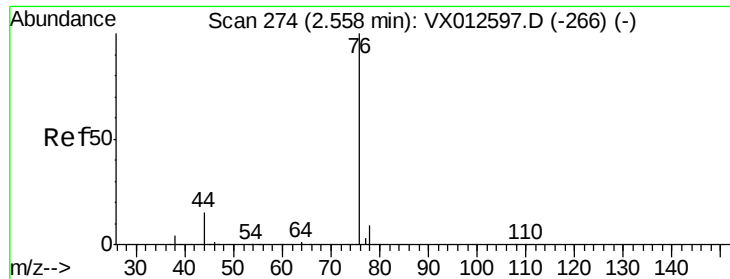
Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Tgt Ion:	43	Resp:	244545
Ion Ratio	Lower	Upper	
43	100		
58	31.6	23.3	34.9





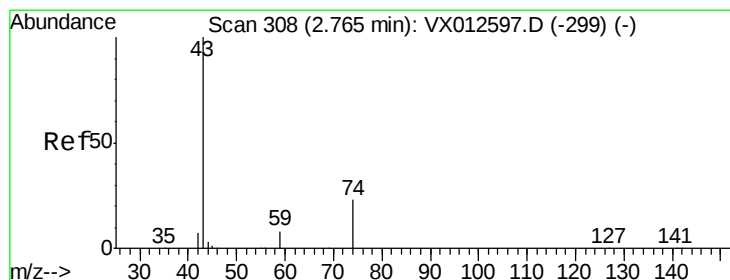
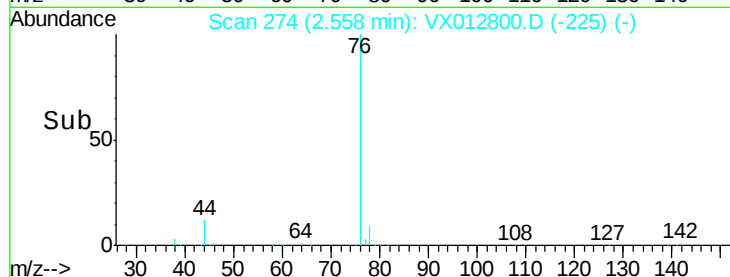
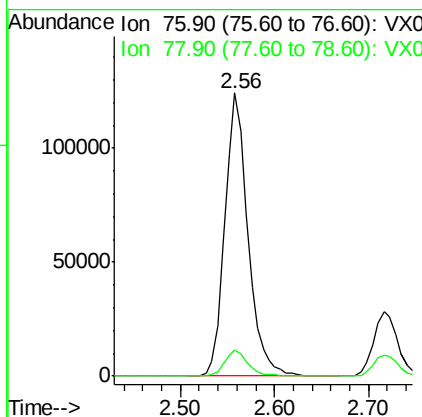
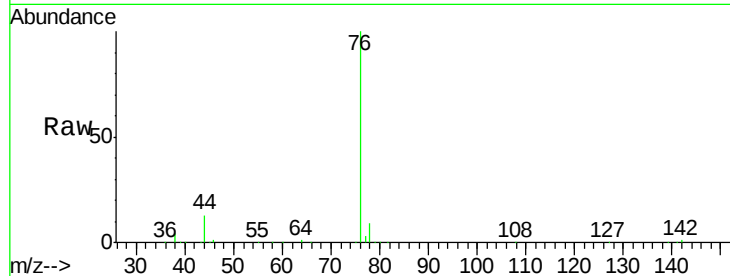
#17
Carbon Disulfide
Concen: 40.037 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

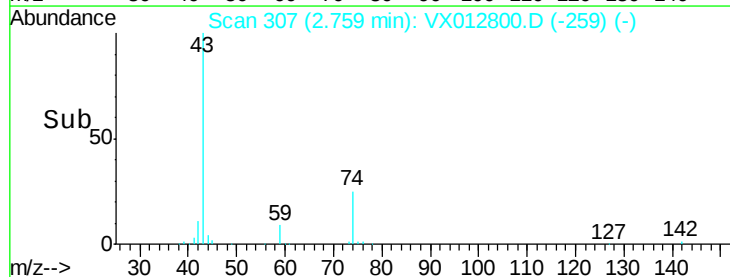
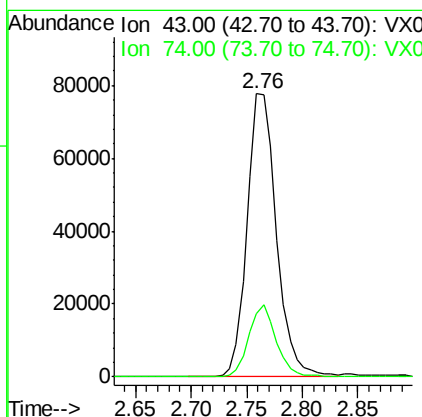
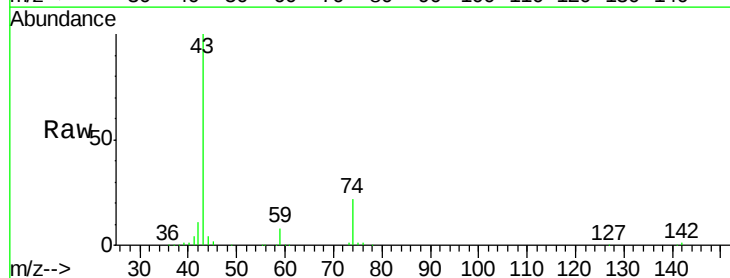
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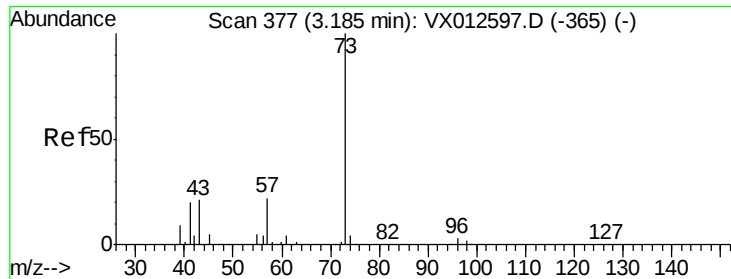
MMDadoda
10/4/2019 9:19:33 AM



#18
Methyl Acetate
Concen: 44.854 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	17.7	26.5





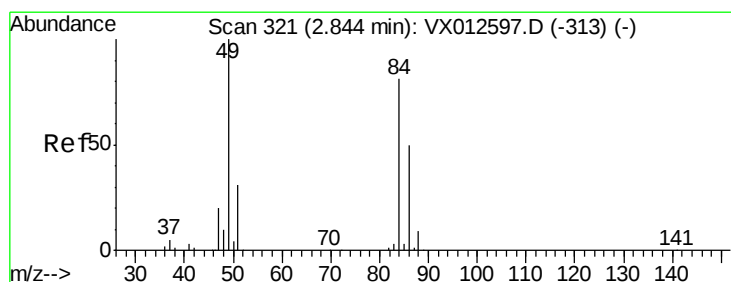
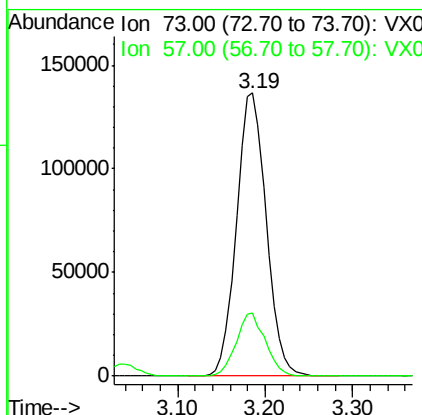
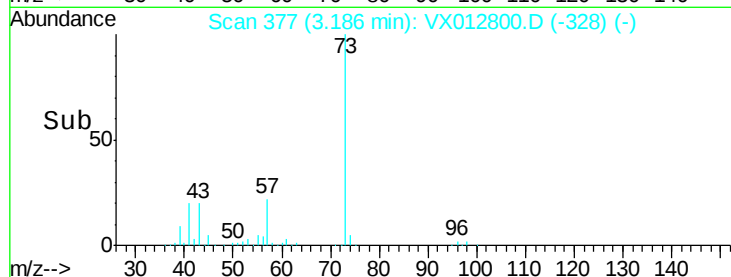
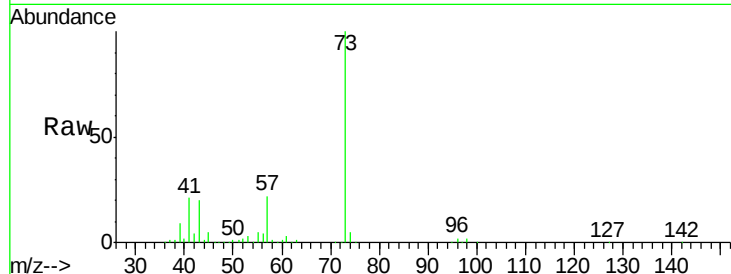
#19
Methyl tert-butyl Ether
Concen: 45.309 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	16.8	25.2

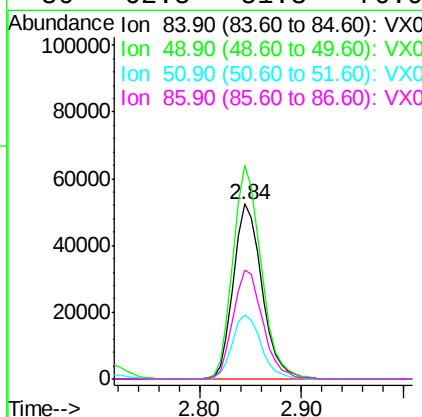
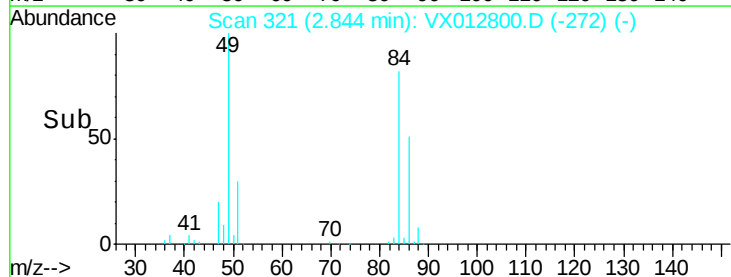
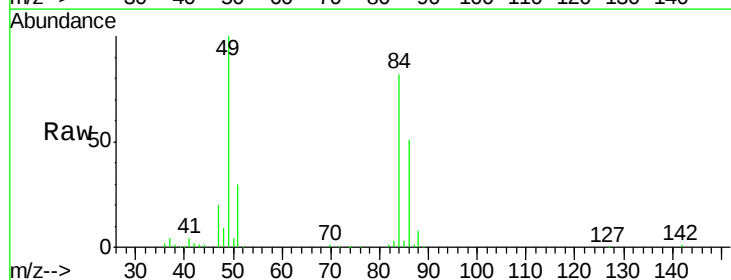
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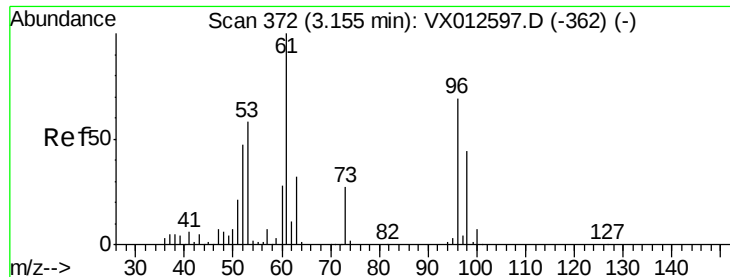
MMDadoda
10/4/2019 9:19:33 AM



#20
Methylene Chloride
Concen: 44.716 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.1	106.8	160.2
51	36.9	32.3	48.5
86	62.5	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 44.815 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 93447

Ion Ratio Lower Upper

96 100

61 144.2 112.0 168.0

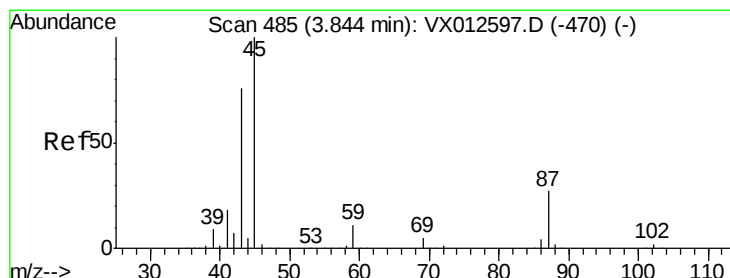
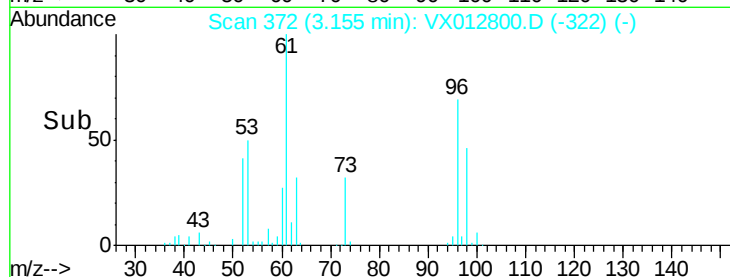
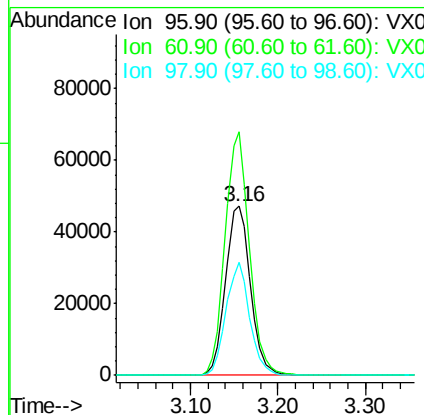
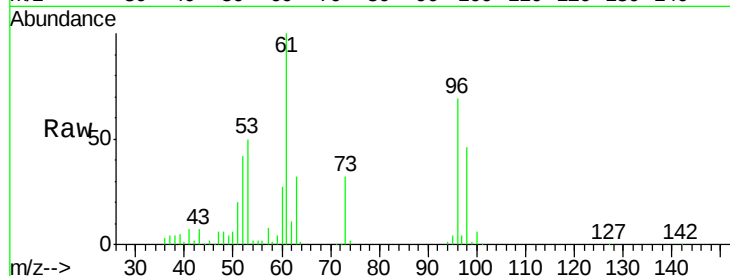
98 67.0 47.8 71.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 44.181 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Tgt Ion: 45 Resp: 318784

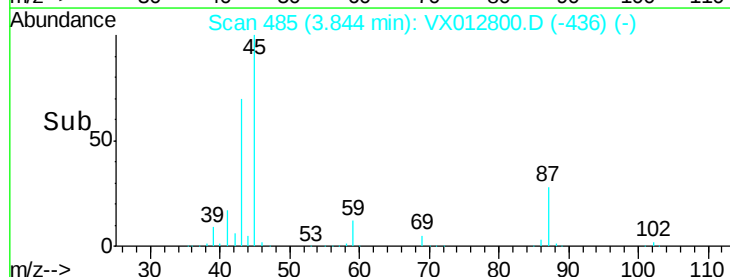
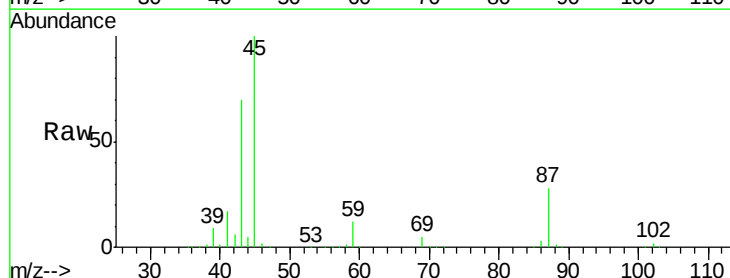
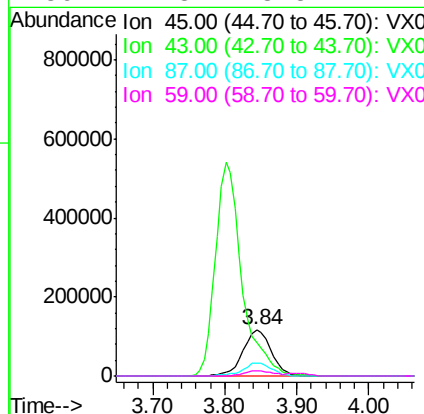
Ion Ratio Lower Upper

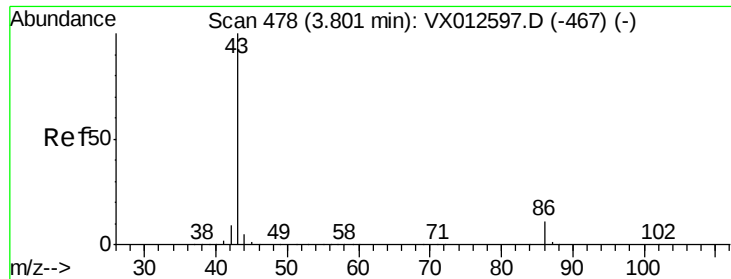
45 100

43 69.9 57.8 86.8

87 27.6 21.3 31.9

59 11.8 8.5 12.7





#23

Vinyl Acetate

Concen: 218.237 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1380913

Ion Ratio Lower Upper

43 100

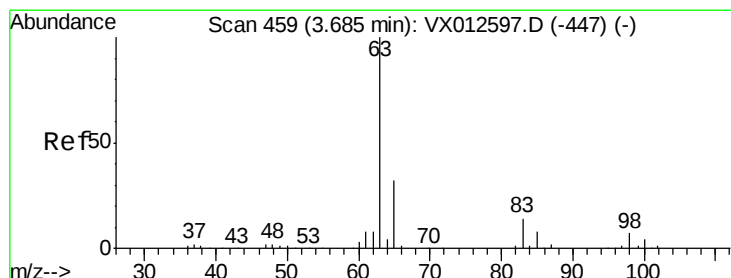
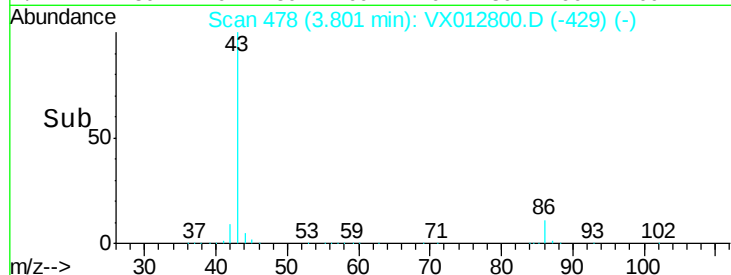
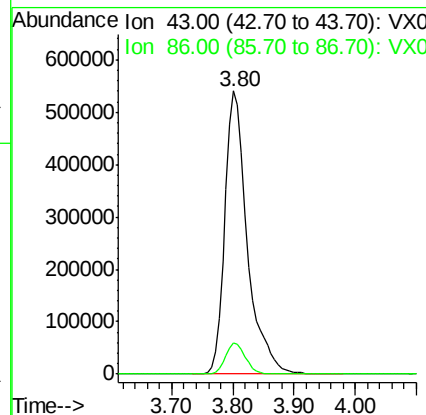
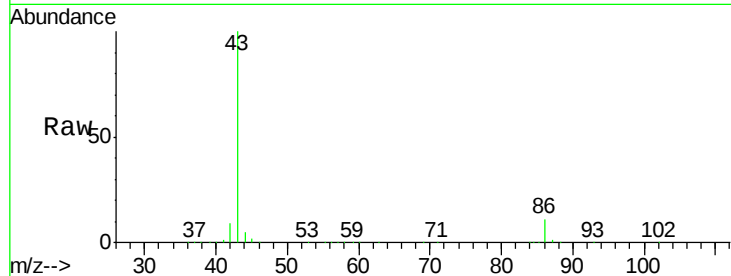
86 11.0 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 44.616 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

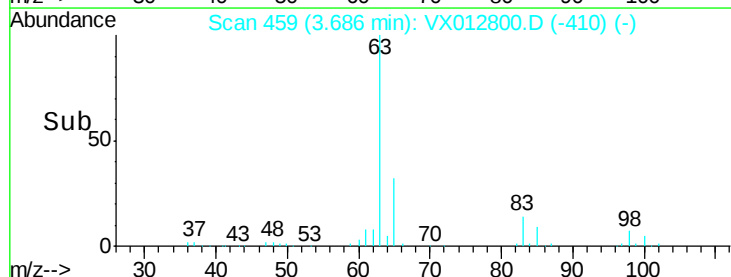
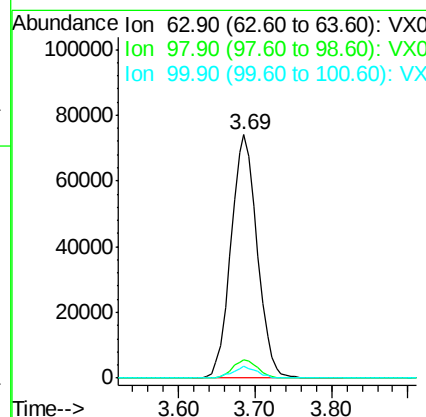
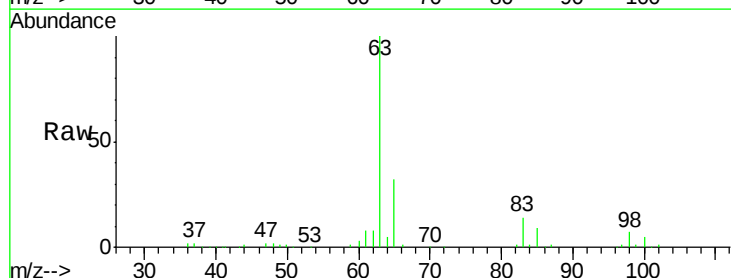
Tgt Ion: 63 Resp: 174991

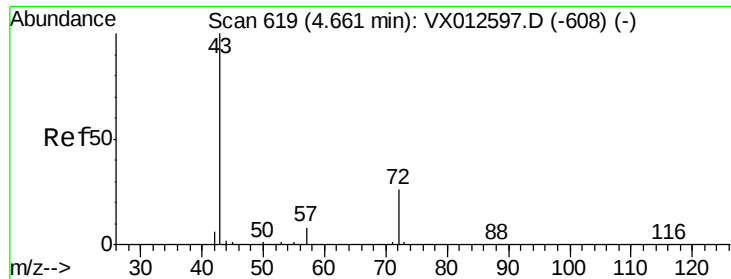
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

100 5.0 2.3 6.9





#25

2-Butanone

Concen: 204.326 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 395579

Ion Ratio Lower Upper

43 100

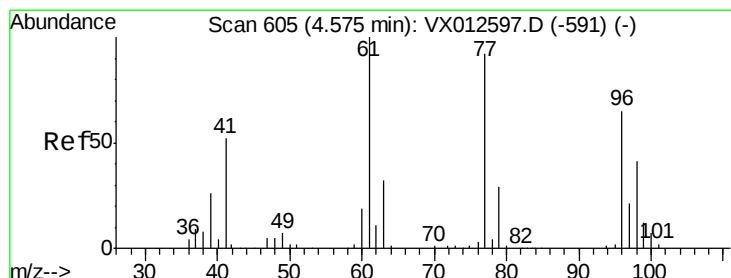
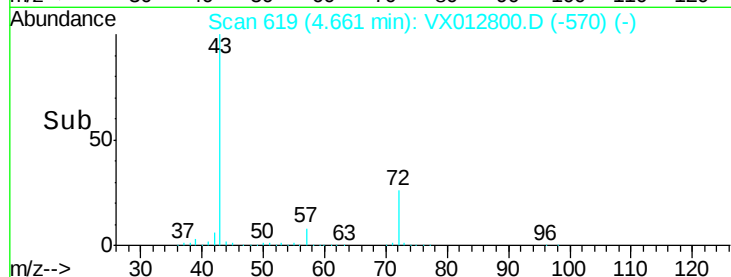
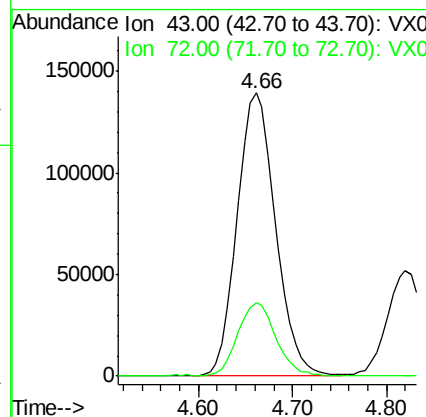
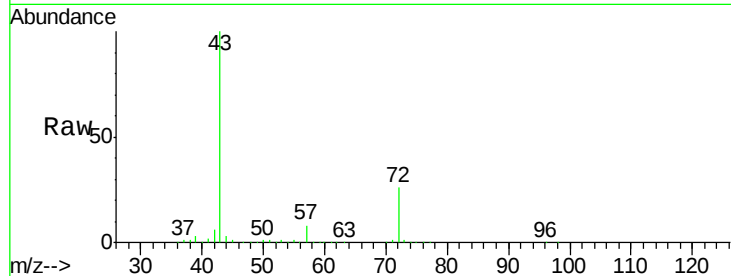
72 26.0 19.2 28.8

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#26

2,2-Dichloropropane

Concen: 36.479 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012800.D

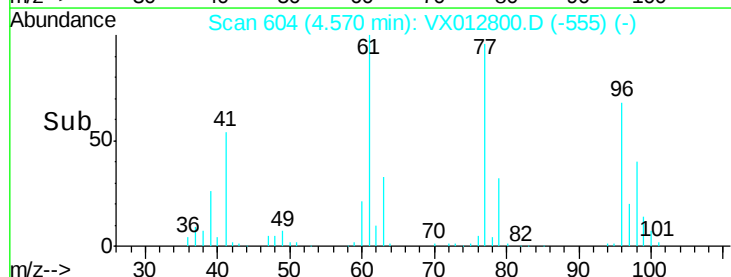
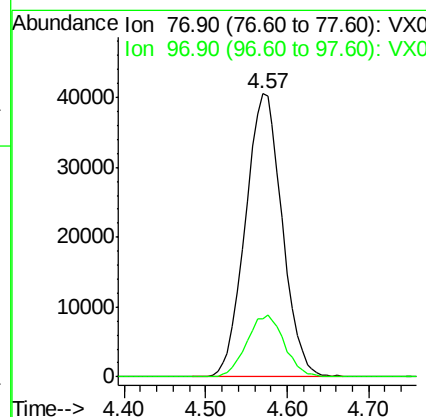
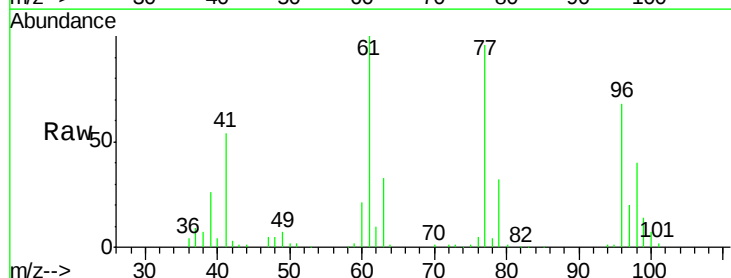
Acq: 03 Oct 2019 21:39

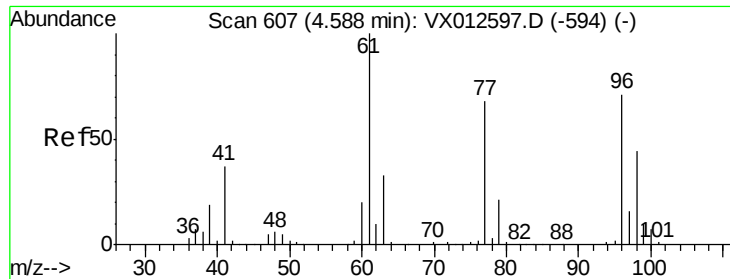
Tgt Ion: 77 Resp: 127252

Ion Ratio Lower Upper

77 100

97 22.3 10.5 31.6





#27

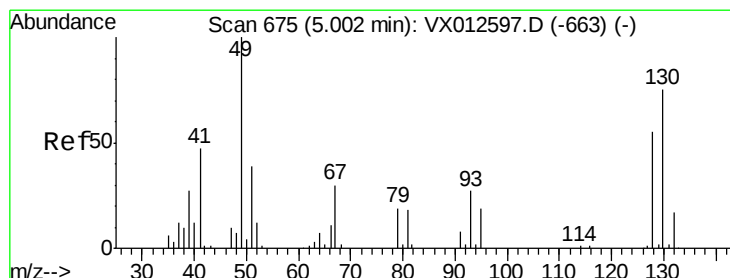
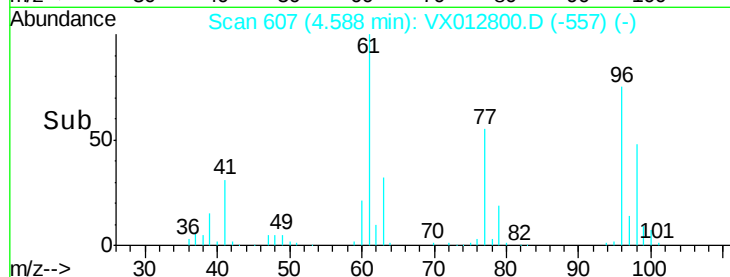
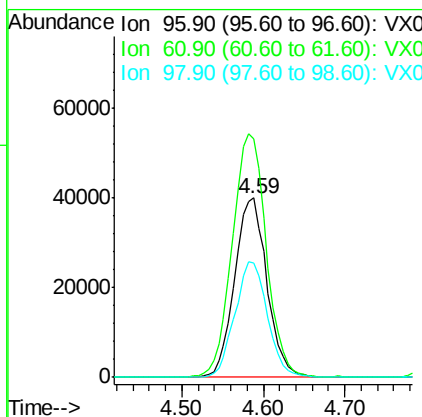
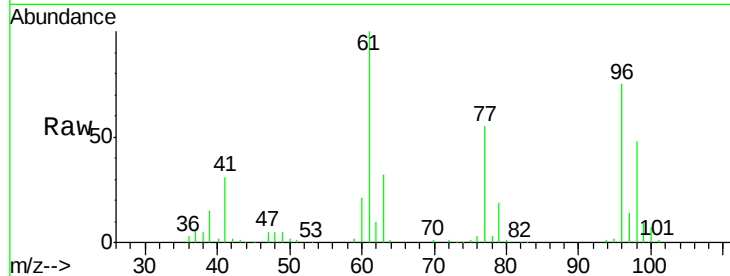
cis-1,2-Dichloroethene
Concen: 45.269 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	109526		
61	142.7	0.0	319.4	
98	65.3	0.0	130.6	

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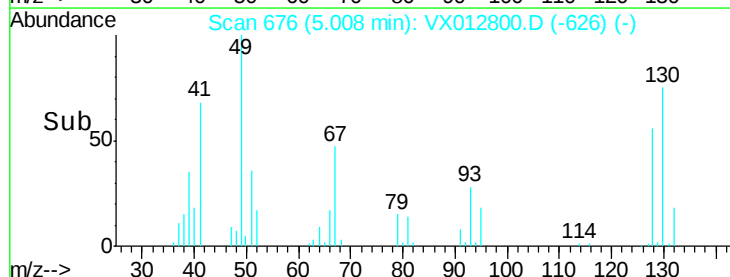
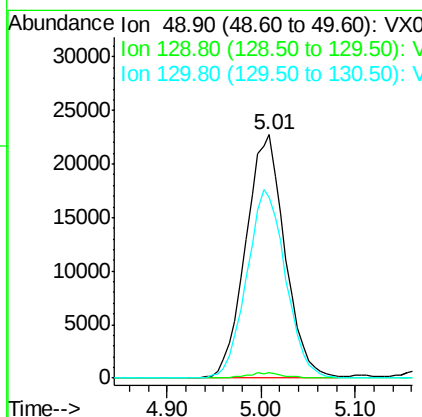
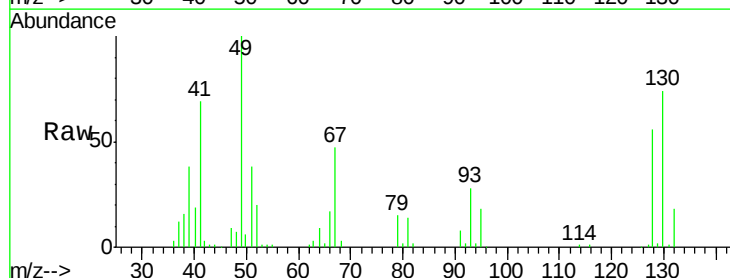
MMDadoda
10/4/2019 9:19:33 AM

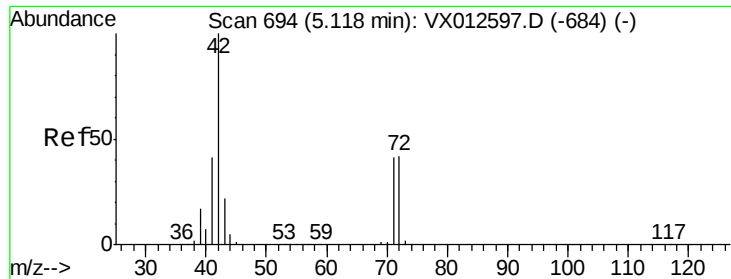


#28

Bromochloromethane
Concen: 46.422 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	66110		
129	2.1	0.0	3.8	
130	76.8	58.2	87.4	





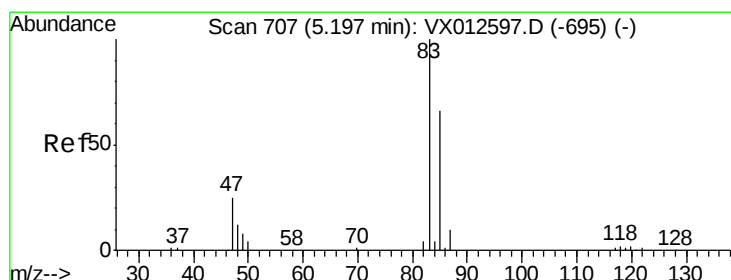
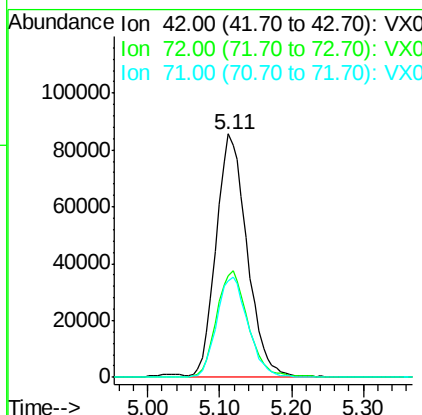
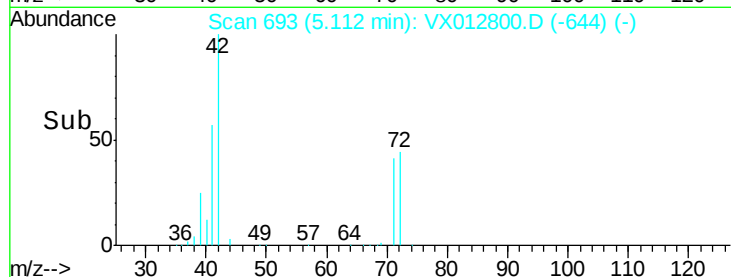
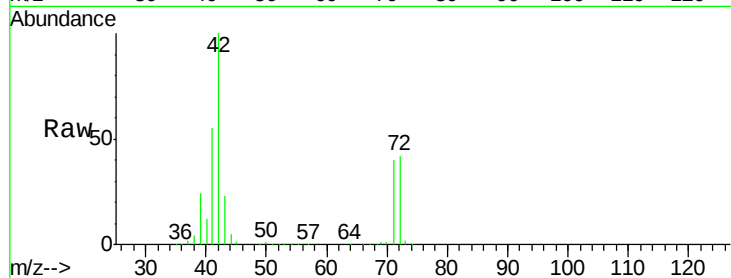
#29
Tetrahydrofuran
Concen: 215.783 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	34.0	51.0
71	42.0	31.5	47.3

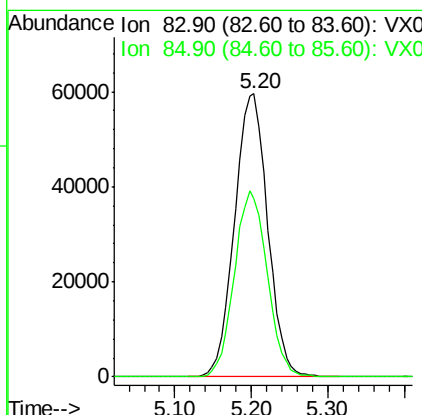
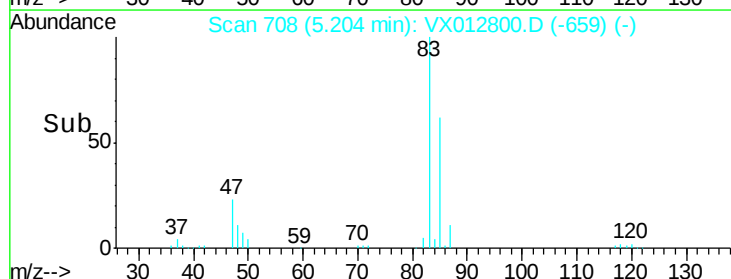
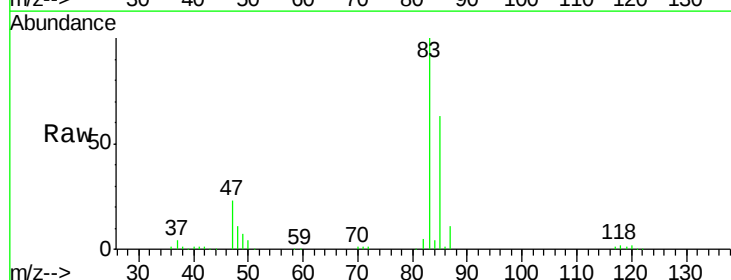
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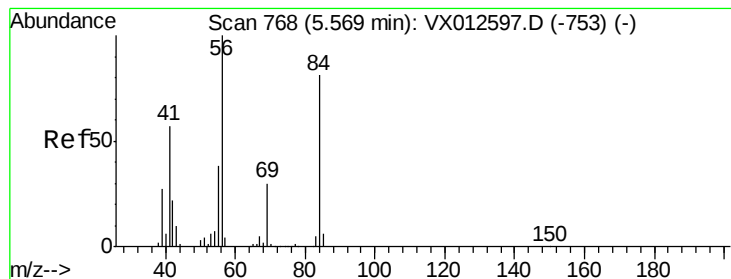
MMDadoda
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#30
Chloroform
Concen: 44.594 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	53.0	79.4





#31

Cyclohexane

Concen: 43.840 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

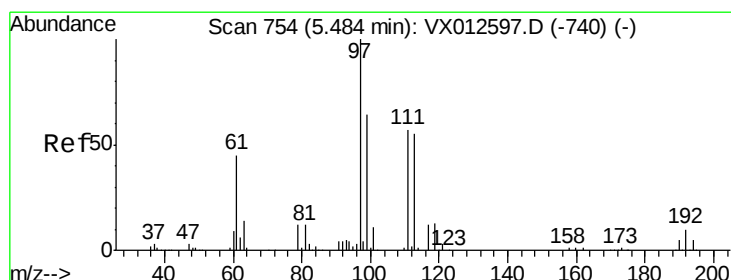
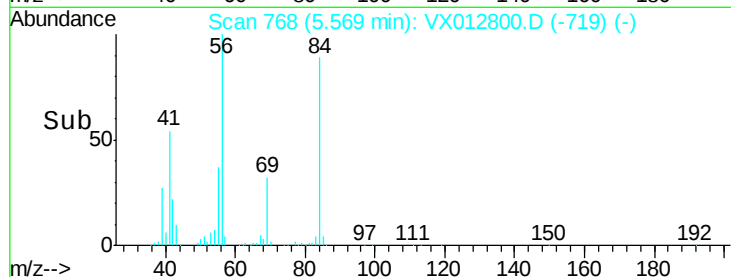
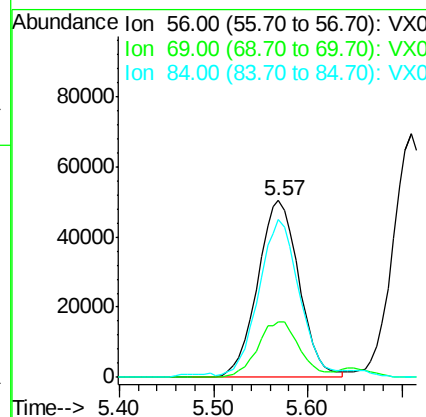
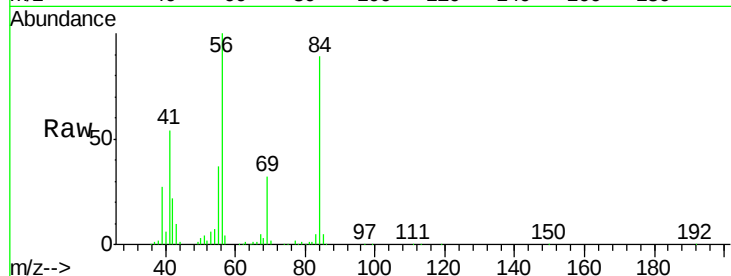
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	155555
Ion Ratio	Lower	Upper	
56	100		
69	31.6	25.0	37.6
84	87.8	66.4	99.6

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#32

1,1,1-Trichloroethane

Concen: 44.394 ug/l

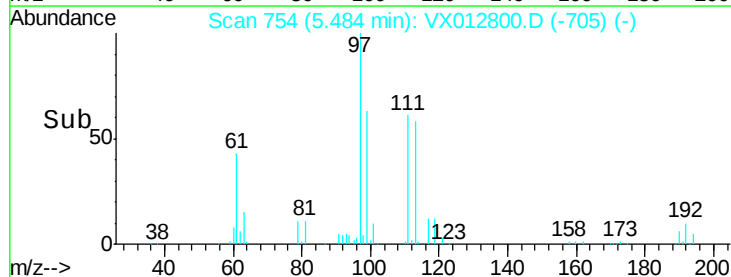
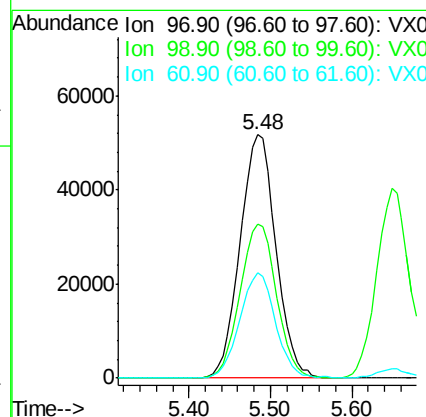
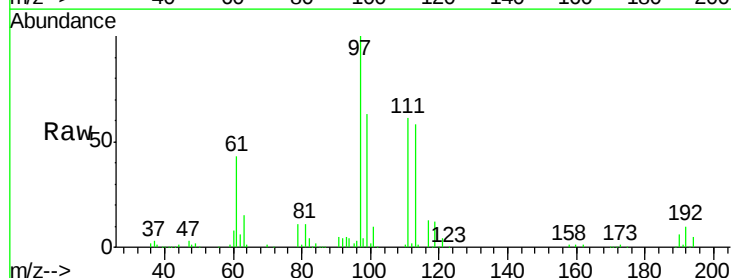
RT: 5.48 min Scan# 754

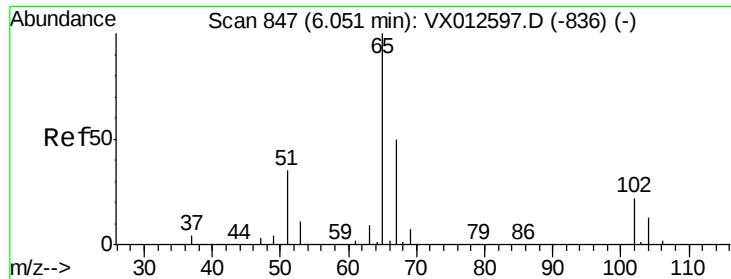
Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Tgt Ion:	97	Resp:	157880
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.3	76.9
61	43.2	36.1	54.1





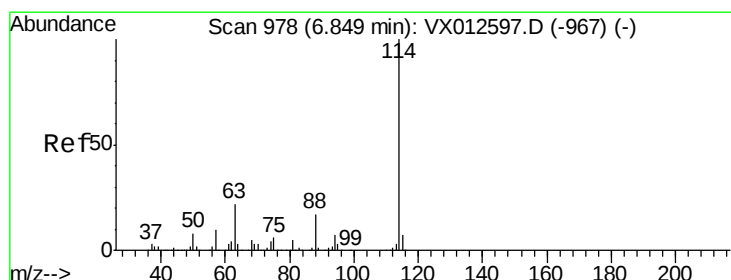
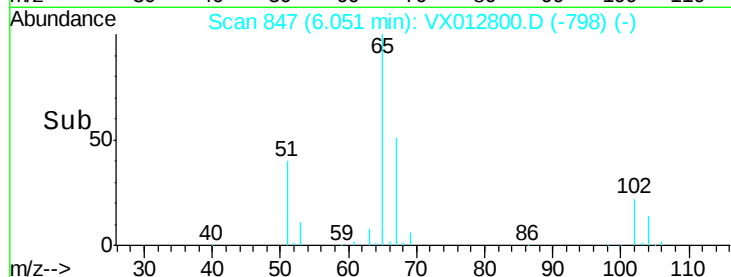
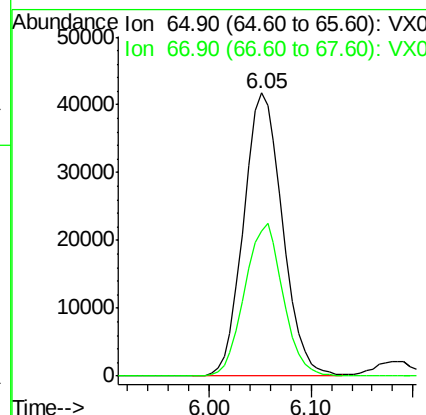
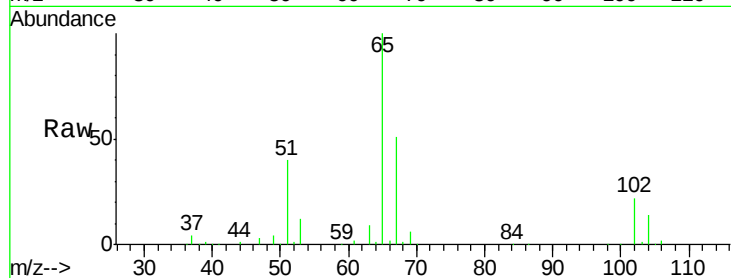
#33
 1,2-Dichloroethane-d4
 Concen: 43.407 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	110651		
67	53.1	0.0	101.2	

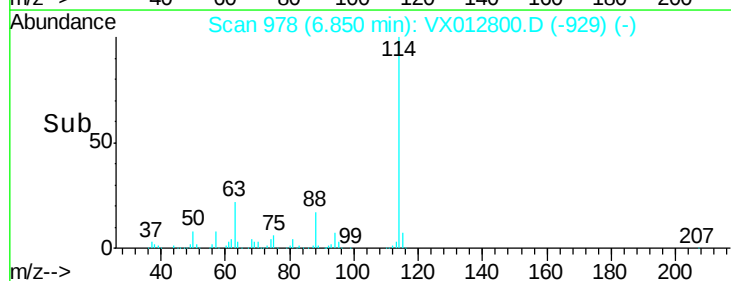
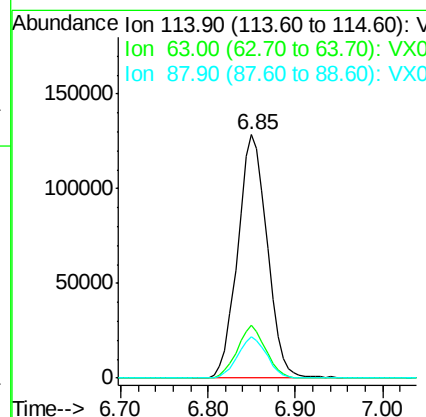
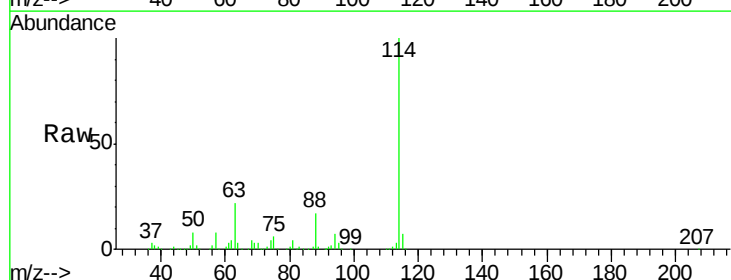
Manual Integrations
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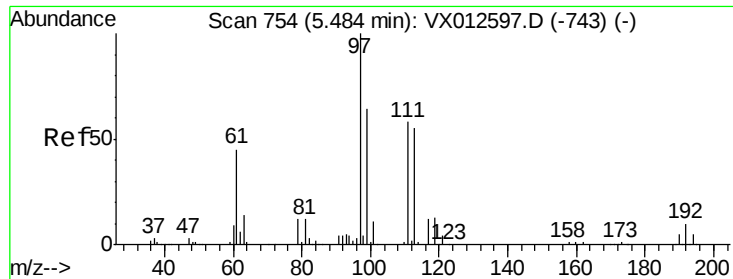
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 10/4/2019 9:19:33 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	301305		
63	21.5	0.0	43.2	
88	16.9	0.0	33.2	





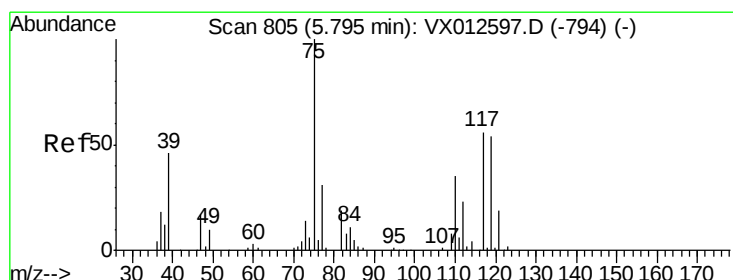
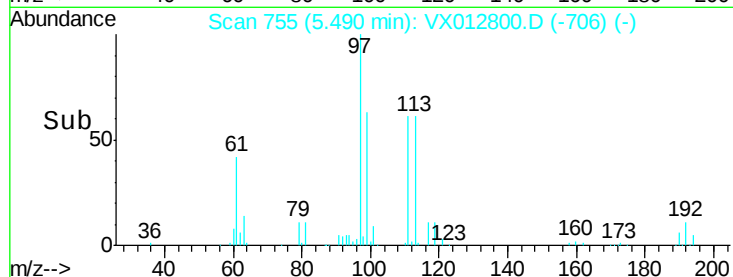
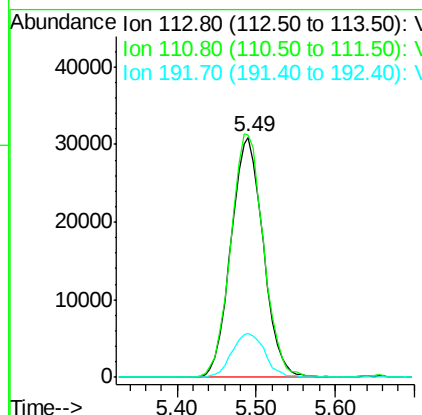
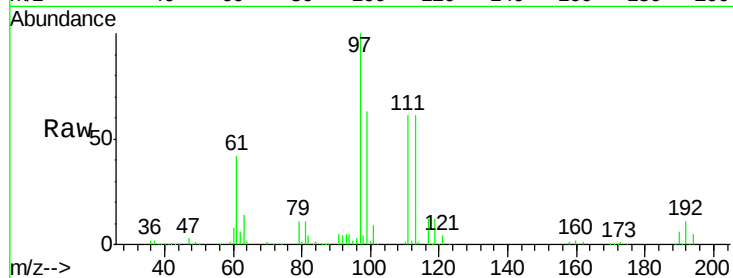
#35
 Dibromofluoromethane
 Concen: 48.972 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.4	125.2
192	18.6	14.4	21.6

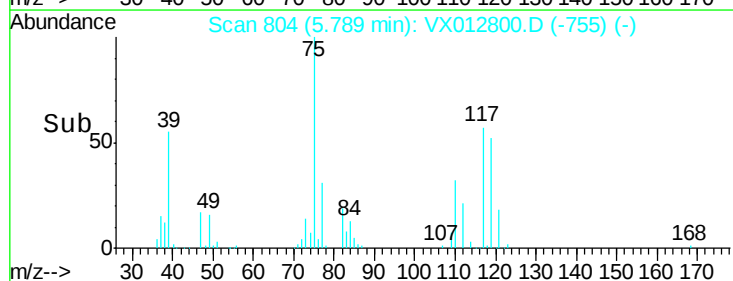
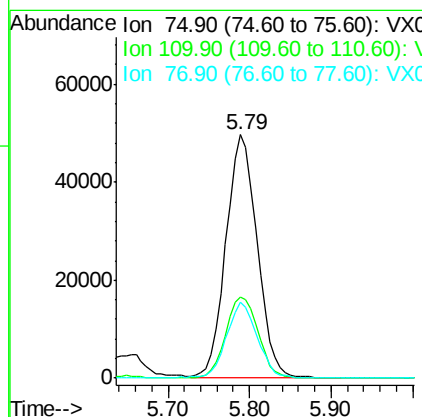
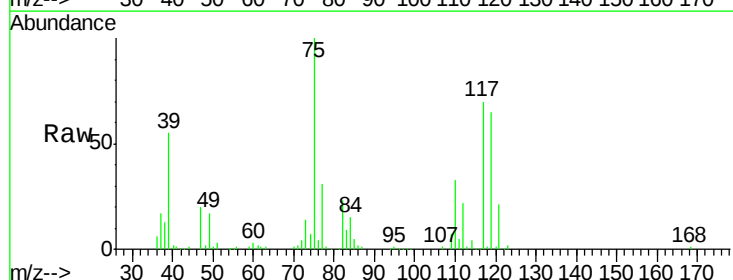
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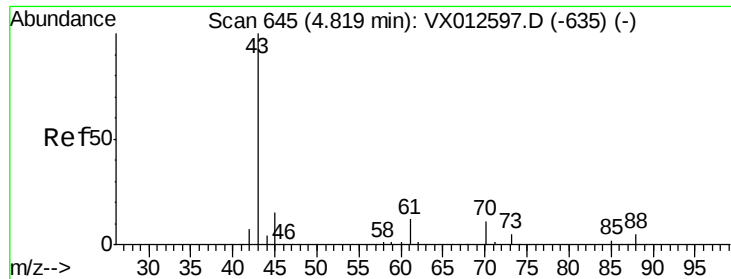
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#36
 1,1-Dichloropropene
 Concen: 45.227 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.7	16.7	50.0
77	30.8	24.2	36.2





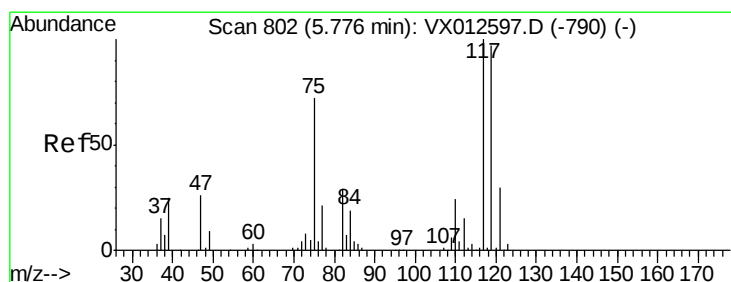
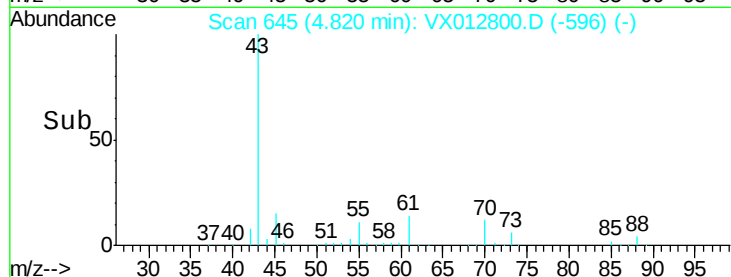
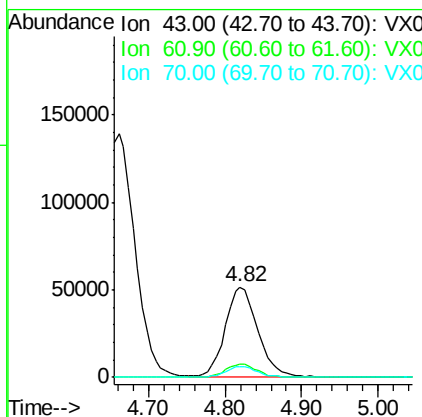
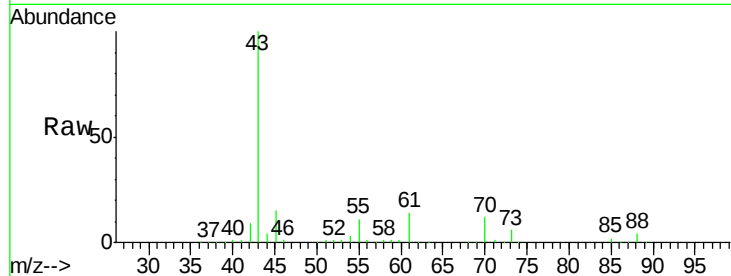
#37
Ethyl Acetate
Concen: 44.474 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.2	15.4
70	12.0	8.7	13.1

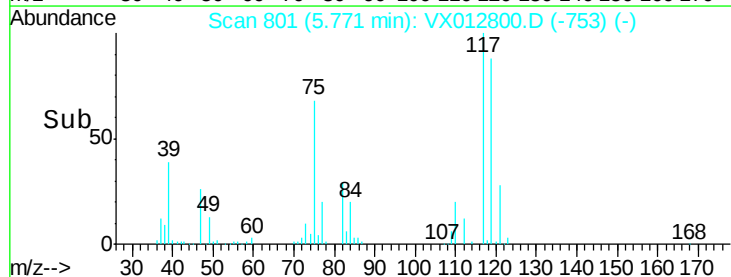
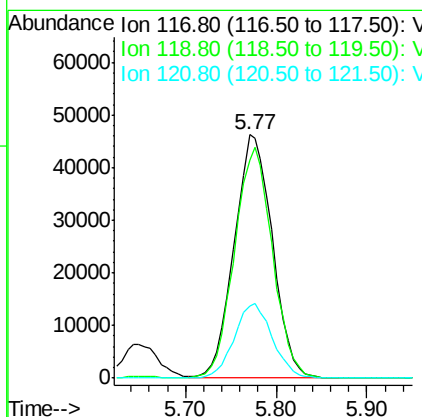
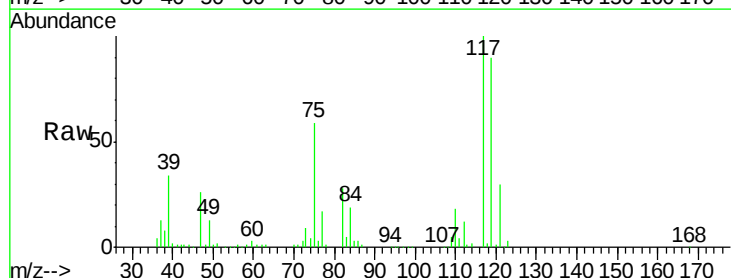
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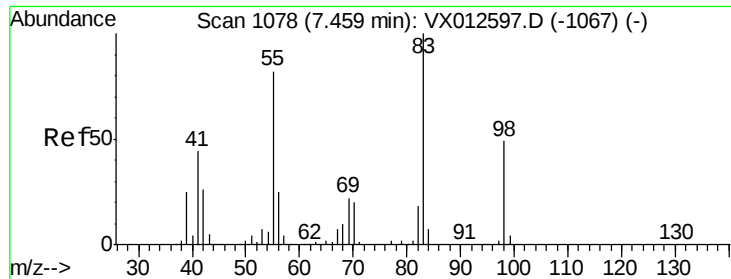
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#38
Carbon Tetrachloride
Concen: 45.810 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.4	75.7	113.5
121	29.6	24.2	36.4





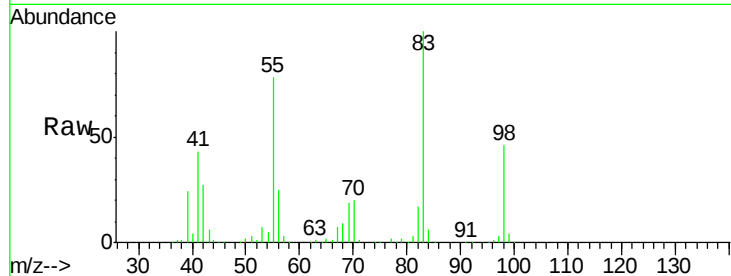
#39
Methvlcvclohexane
Concen: 44.801 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

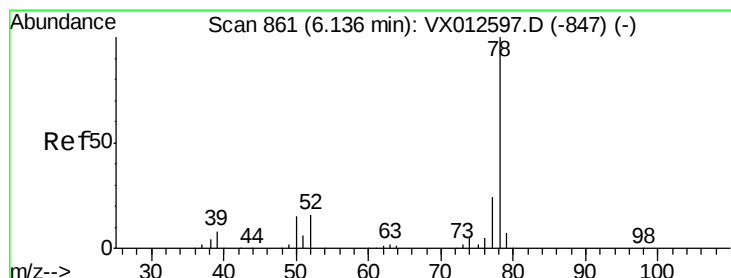
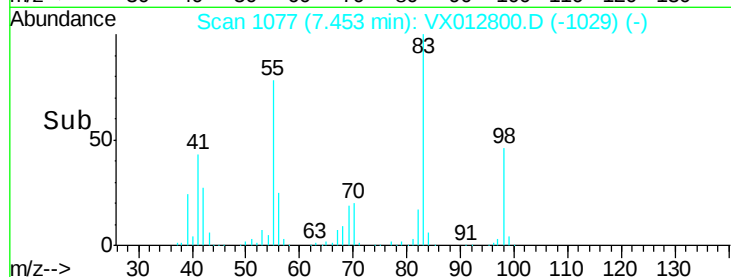
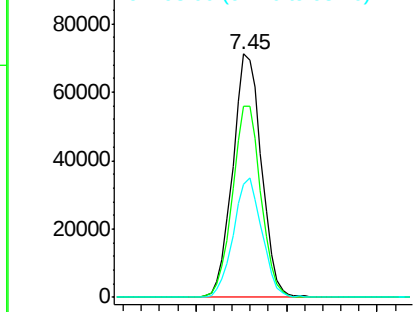
Tot Ion	Ratio	Resp	Lower	Upper
83	100	156641		
55	78.3	64.4	96.6	
98	46.5	40.1	60.1	

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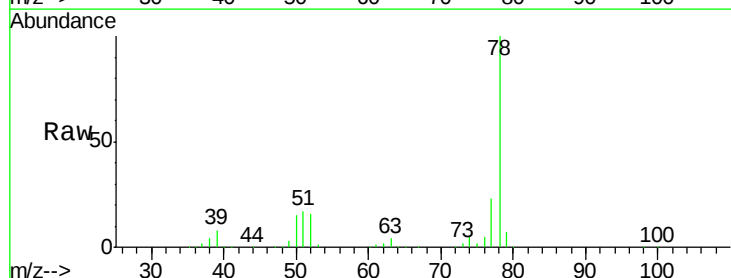


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

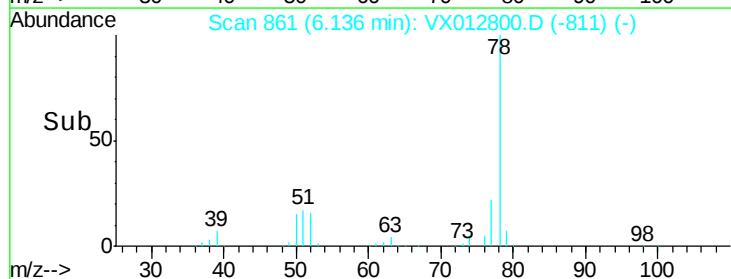
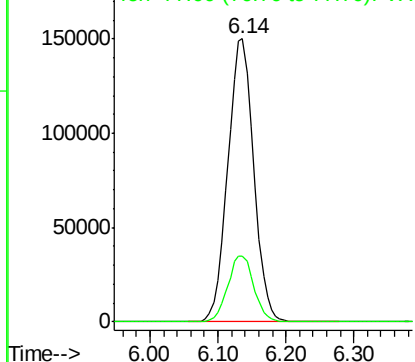


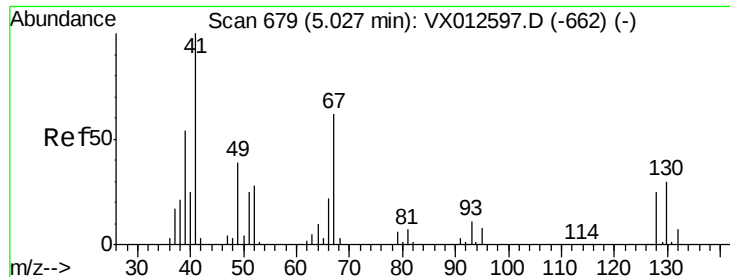
#40
Benzene
Concen: 46.455 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	396962		
77	23.3	19.2	28.8	



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





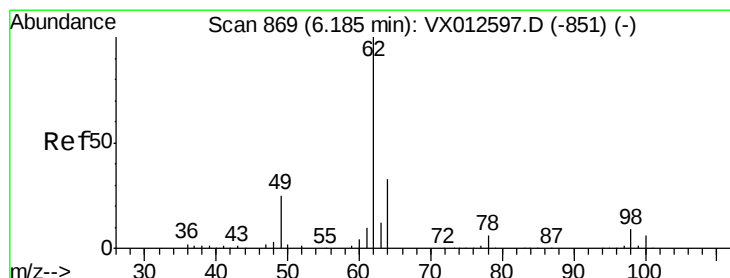
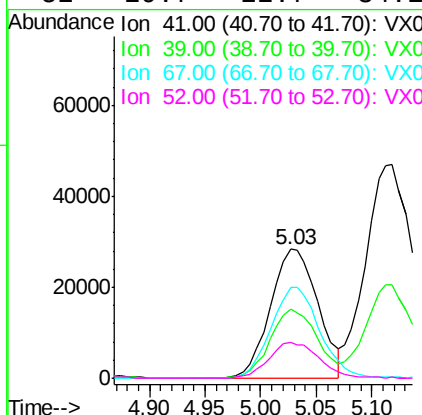
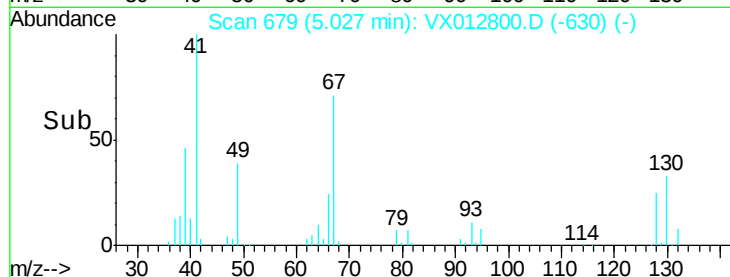
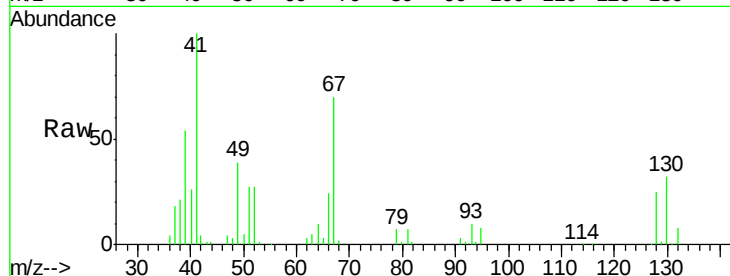
#41
Methacrylonitrile
Concen: 44.284 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.2	46.0	69.0	
67	72.6	52.2	78.2	
52	29.7	22.7	34.1	

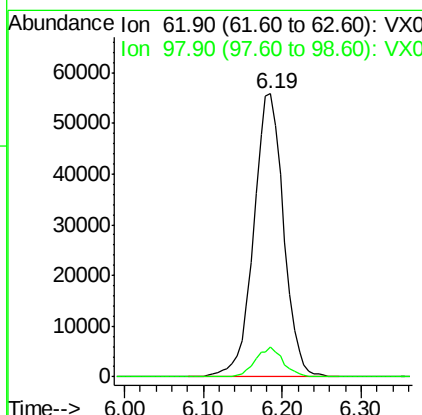
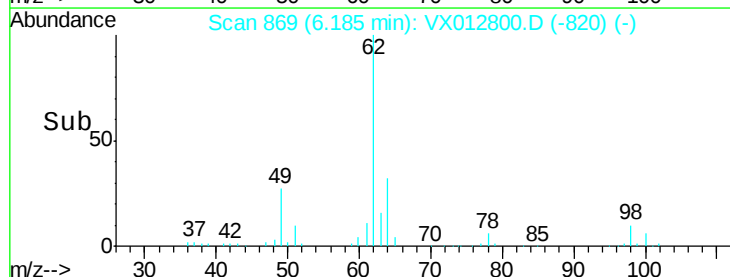
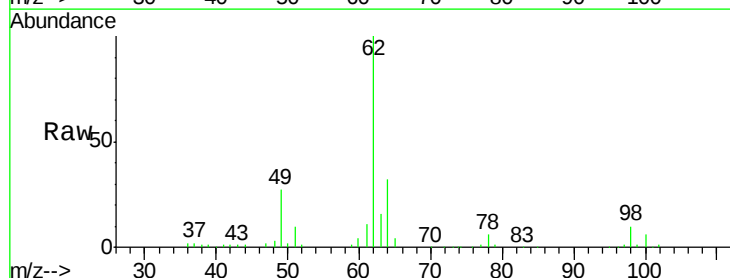
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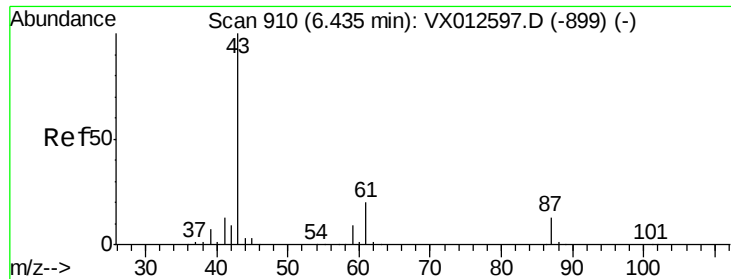
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#42
1,2-Dichloroethane
Concen: 45.376 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	0.0	17.8	





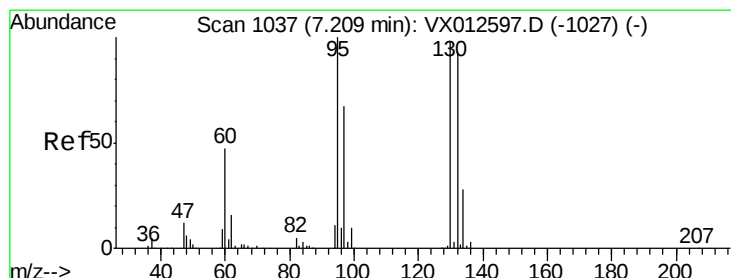
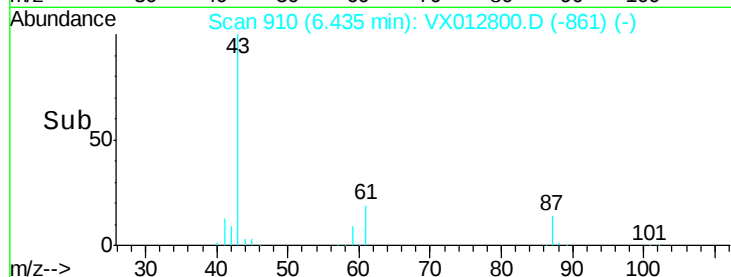
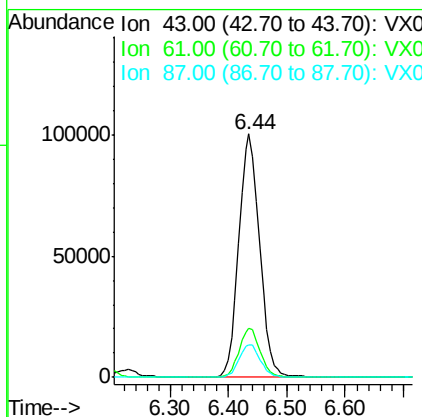
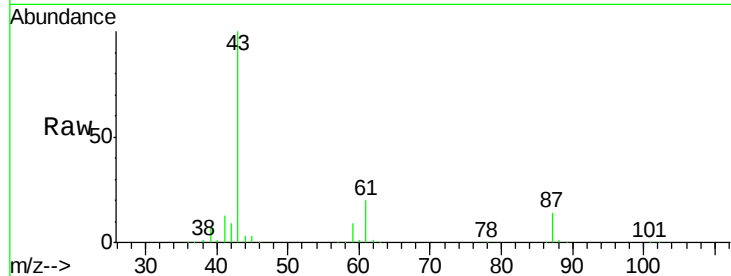
#43
Isopropyl Acetate
Concen: 43.889 ug/l
RT: 6.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.4	23.0
87	13.7	9.8	14.8

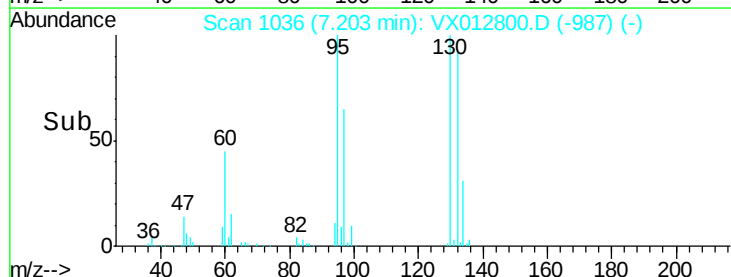
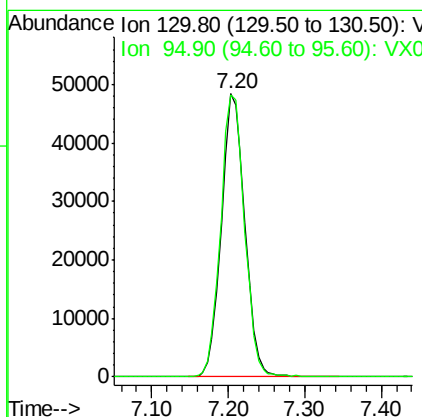
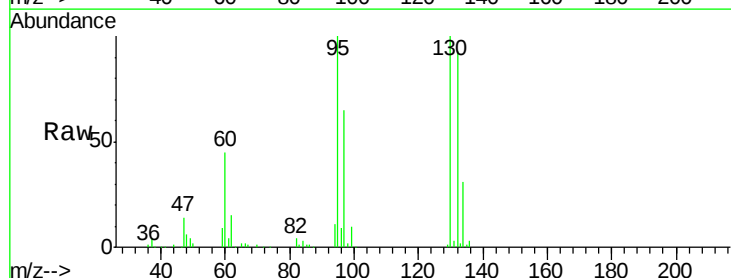
Manual Integrations
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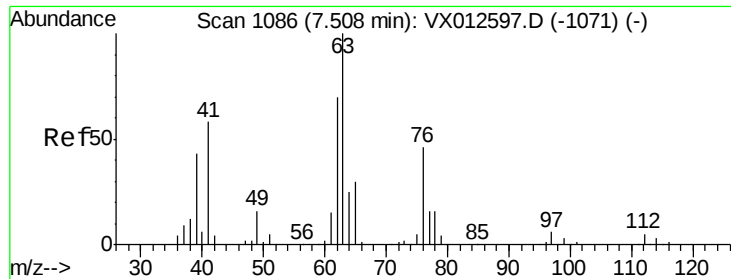
MMDadoda
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#44
Trichloroethene
Concen: 46.942 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	193.0





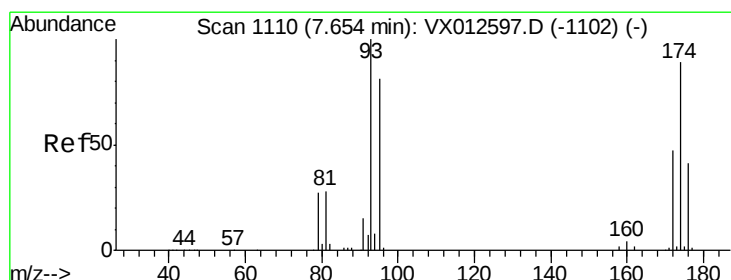
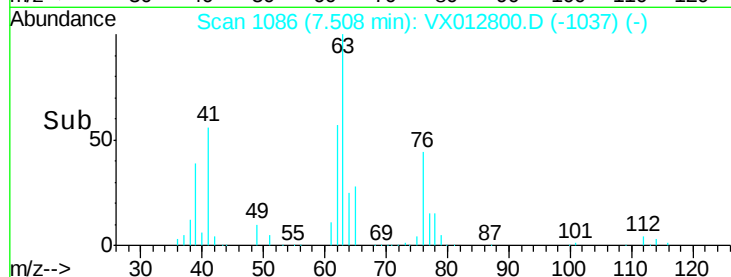
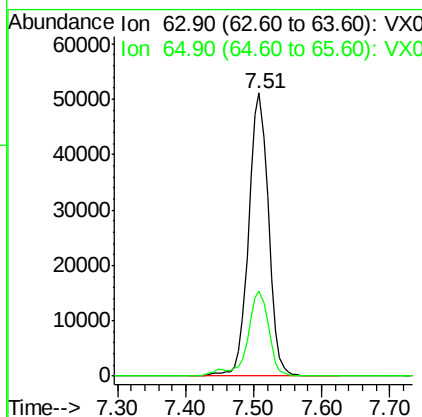
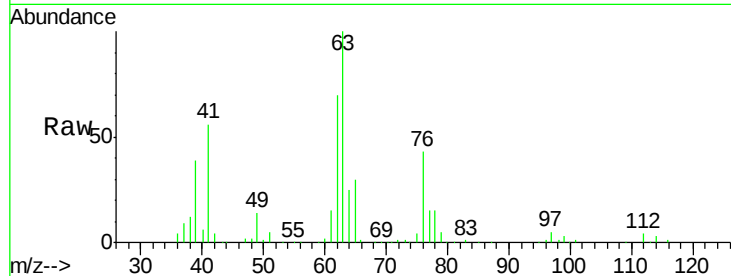
#45
 1,2-Dichloropropane
 Concen: 47.621 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 104184
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.6

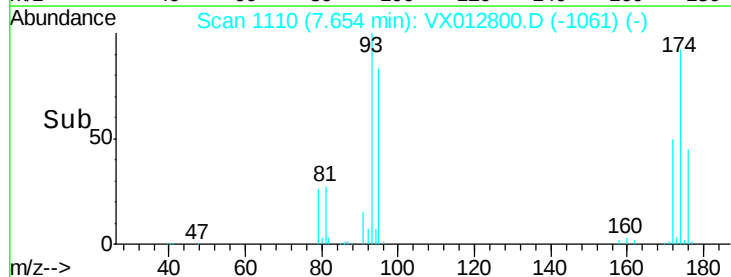
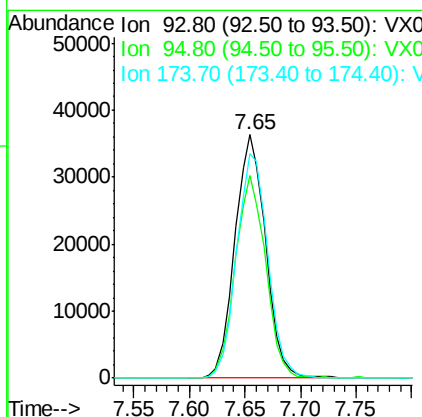
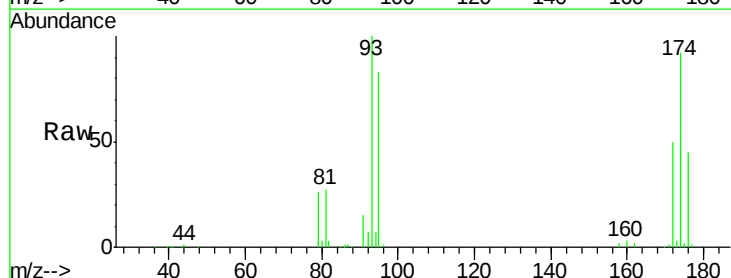
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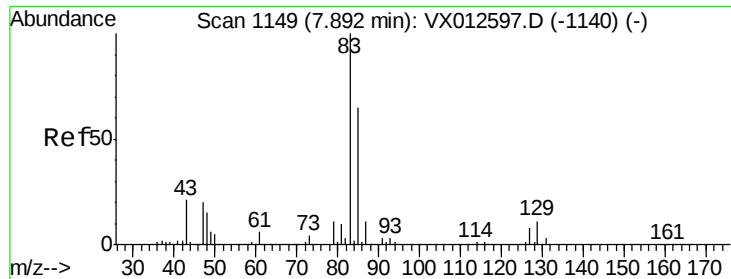
MMDadoda
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#46
 Dibromomethane
 Concen: 46.552 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion: 93 Resp: 69342
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.6 100.0
 174 93.8 77.4 116.0





#47

Bromodichloromethane

Concen: 46.158 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

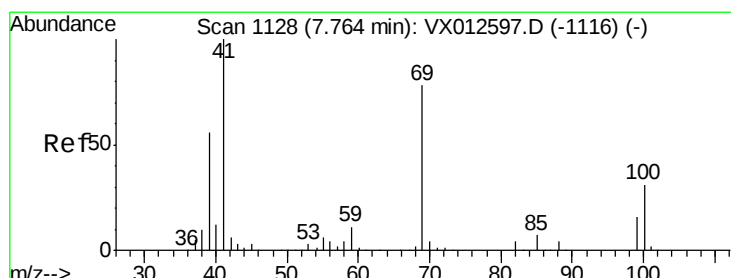
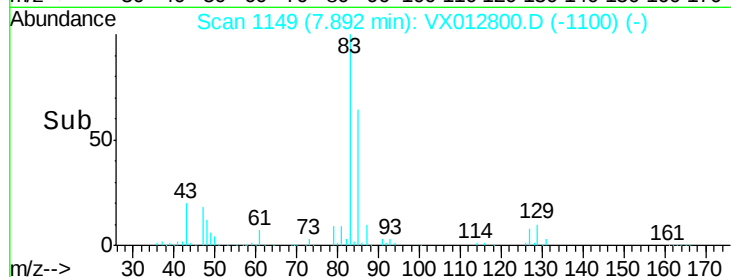
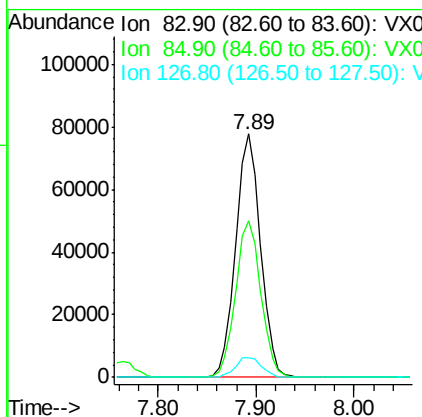
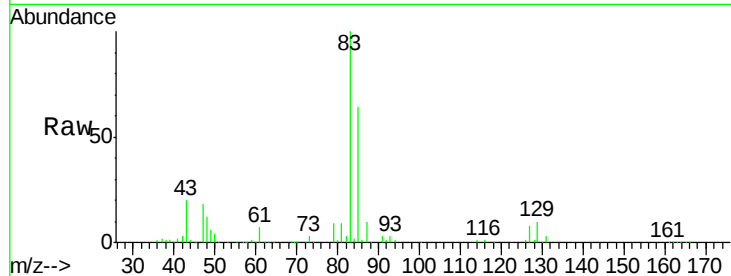
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	137414
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.8	77.6
127	7.9	7.3	10.9

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#48

Methyl methacrylate

Concen: 44.976 ug/l

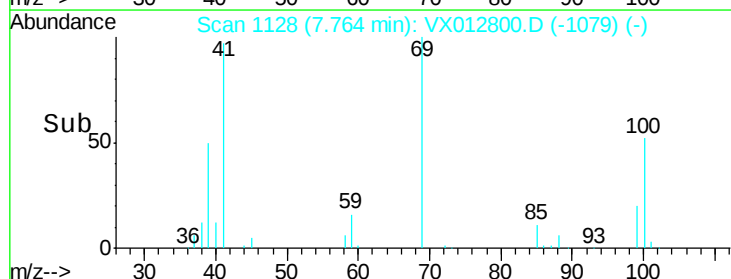
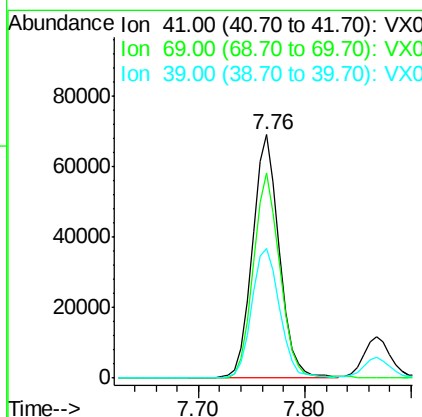
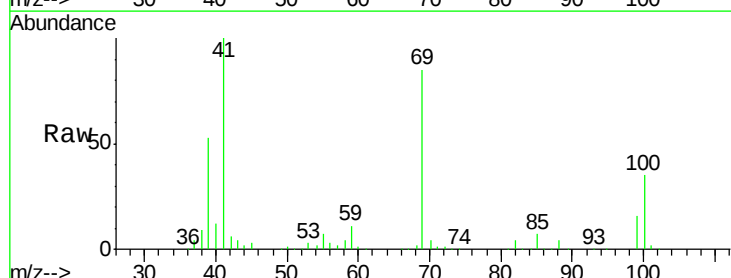
RT: 7.76 min Scan# 1128

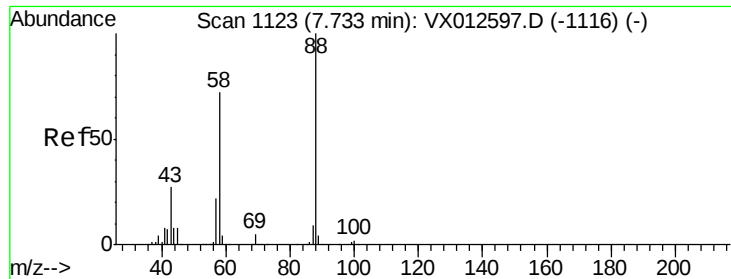
Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Tgt Ion:	41	Resp:	122453
Ion Ratio	Lower	Upper	
41	100		
69	83.3	59.9	89.9
39	55.7	47.8	71.6





#49

1,4-Dioxane

Concen: 889.235 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

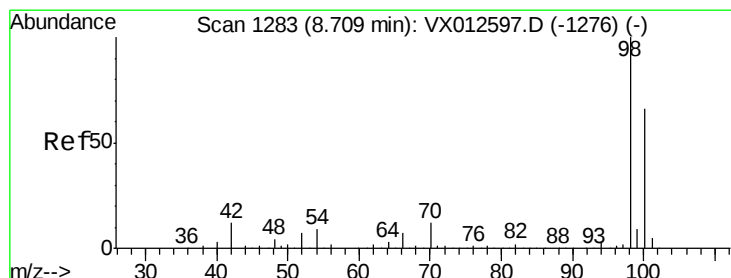
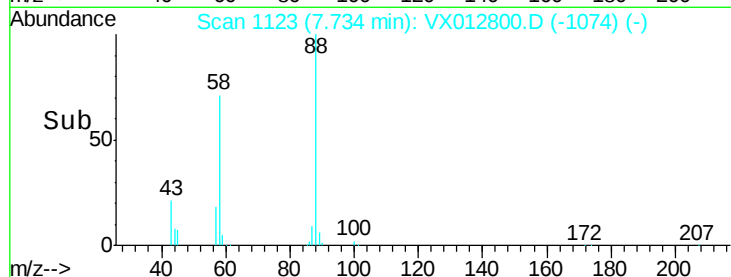
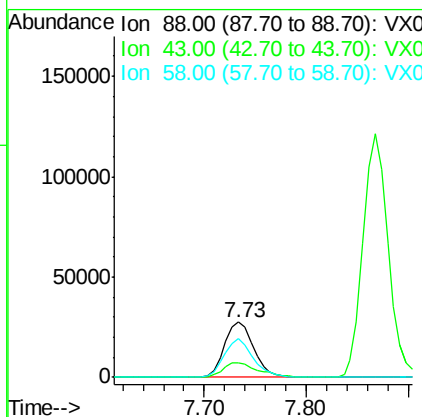
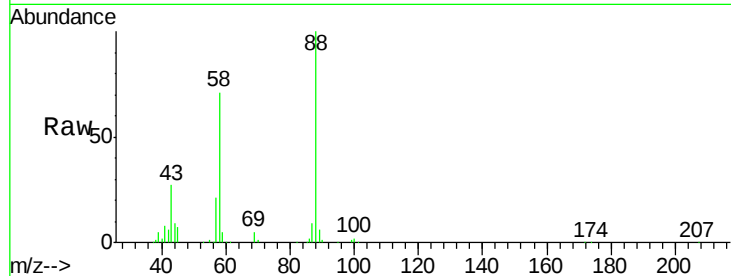
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	54914
Ion	Ratio	Lower	Upper
88	100		
43	31.8	29.4	44.0
58	69.8	57.5	86.3

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#50

Toluene-d8

Concen: 46.989 ug/l

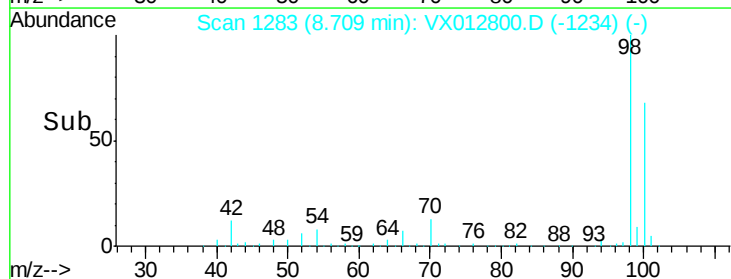
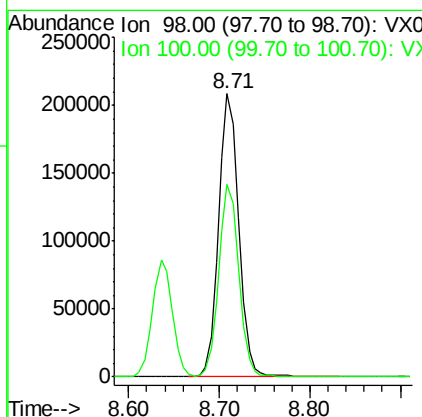
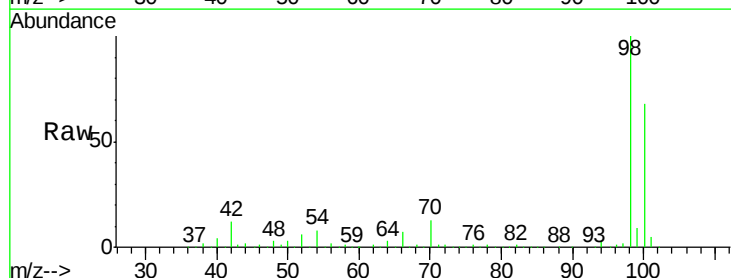
RT: 8.71 min Scan# 1283

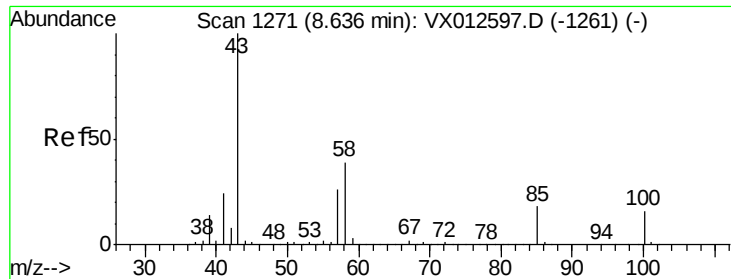
Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Tgt Ion:	98	Resp:	324709
Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 224.463 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 786746

Ion Ratio Lower Upper

43 100

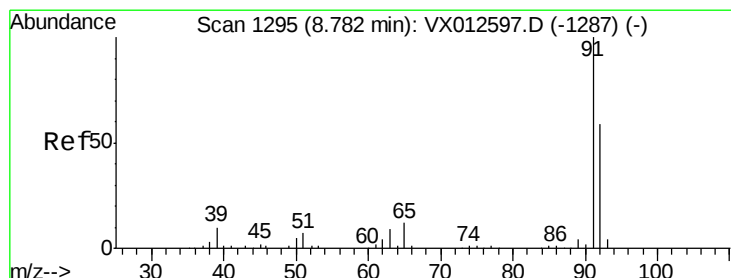
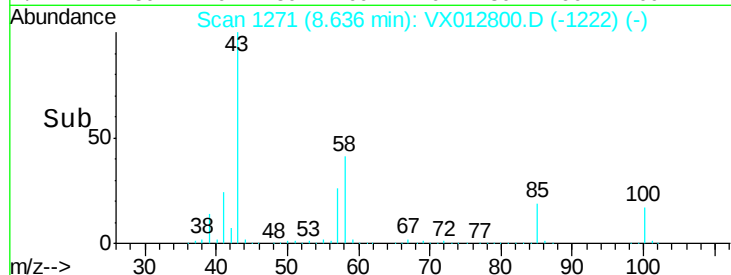
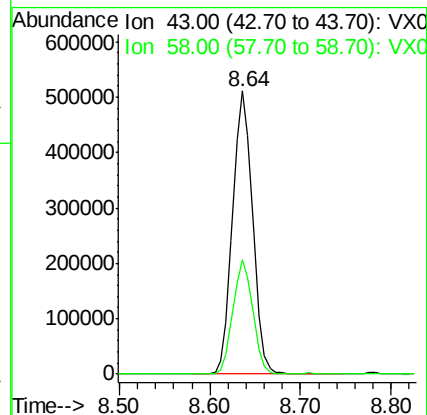
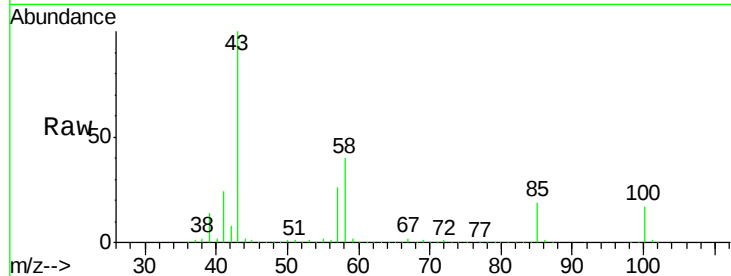
58 39.8 29.8 44.6

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#52

Toluene

Concen: 46.760 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012800.D

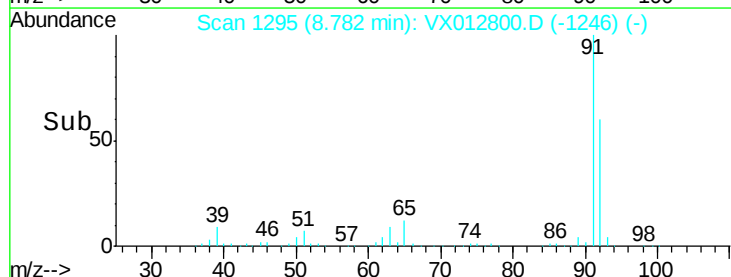
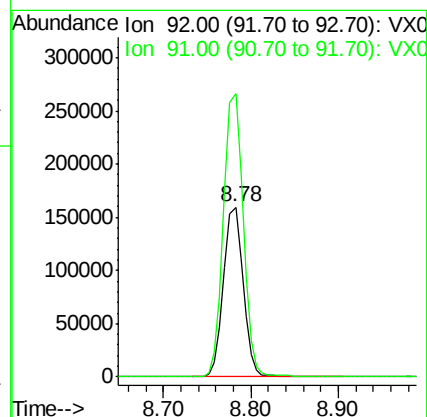
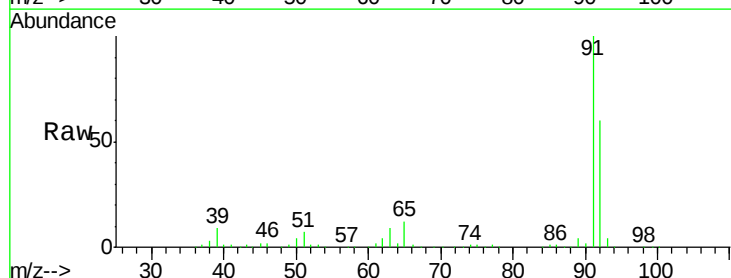
Acq: 03 Oct 2019 21:39

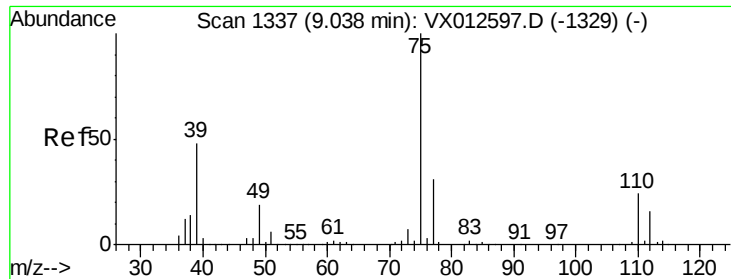
Tgt Ion: 92 Resp: 251131

Ion Ratio Lower Upper

92 100

91 167.5 135.4 203.0





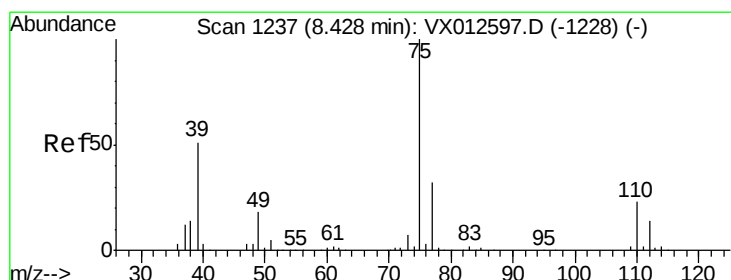
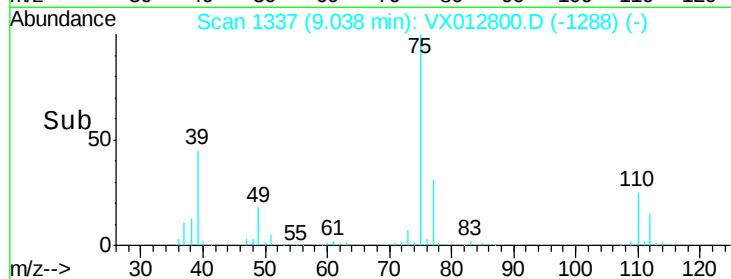
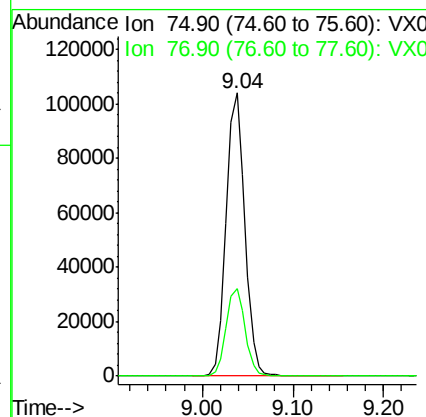
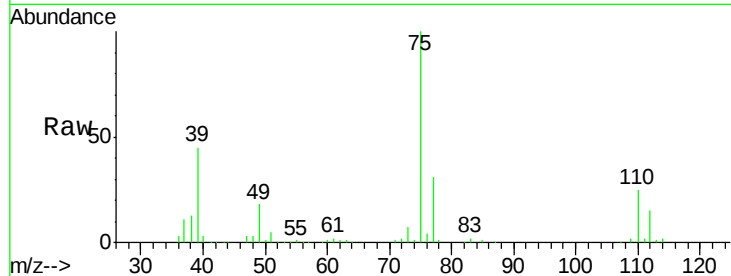
#53
t-1,3-Dichloropropene
Concen: 45.415 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 149589
Ion Ratio Lower Upper
75 100
77 30.7 25.2 37.8

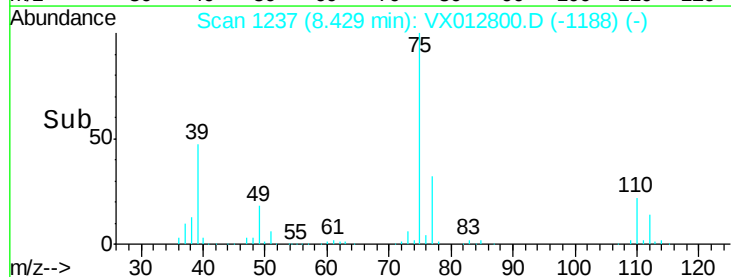
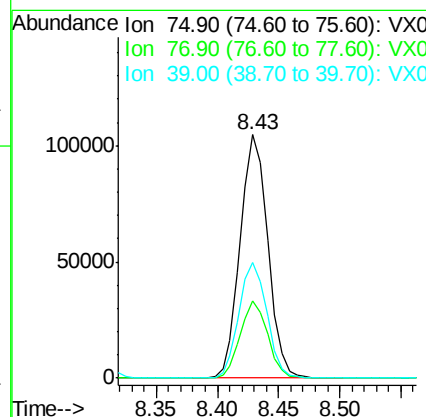
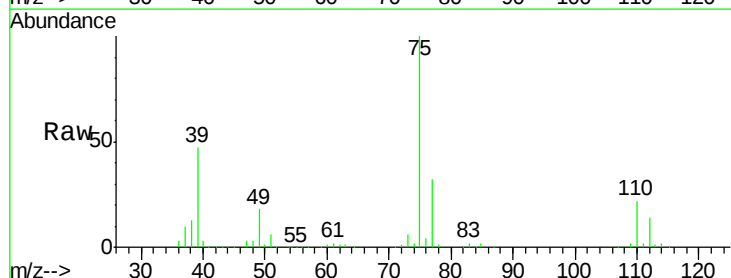
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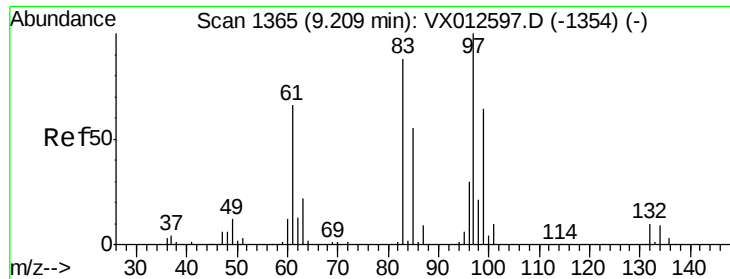
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#54
cis-1,3-Dichloropropene
Concen: 45.669 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion: 75 Resp: 164240
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.8
39 47.4 45.5 68.3





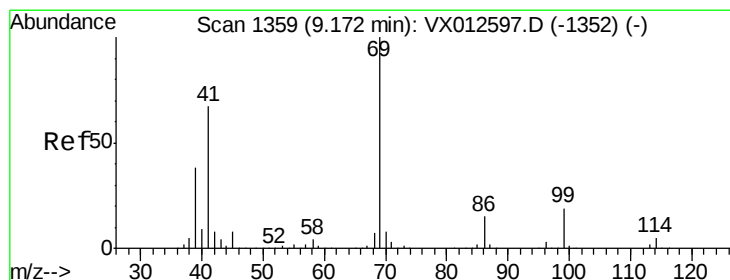
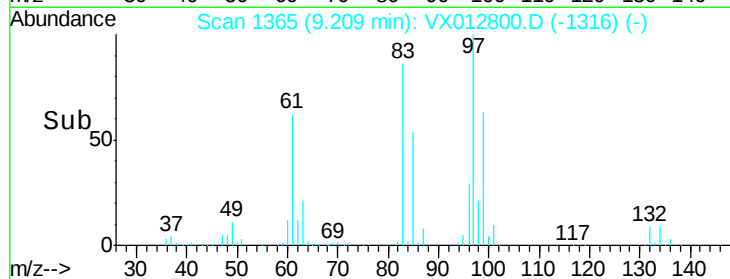
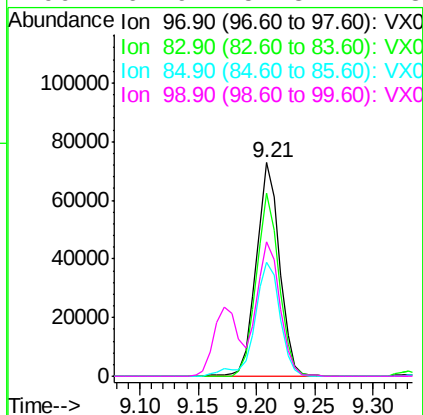
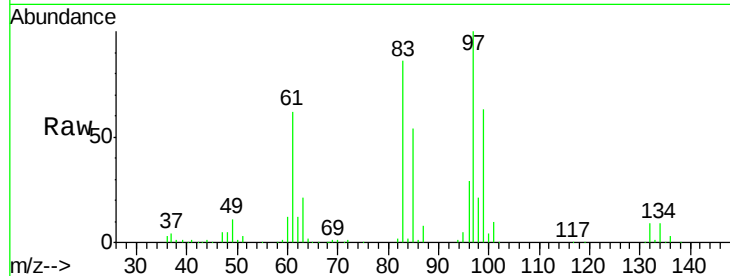
#55
 1,1,2-Trichloroethane
 Concen: 47.872 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		102217		
83	85.7	67.4	101.2		
85	53.6	43.5	65.3		
99	62.9	51.8	77.8		

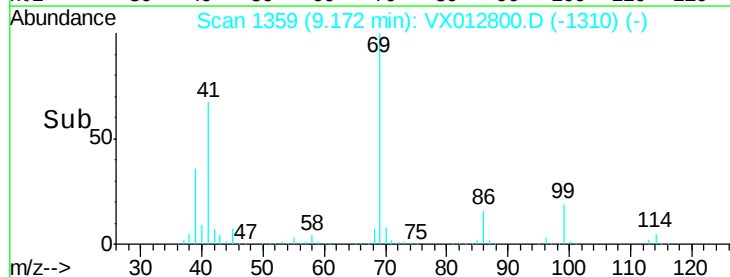
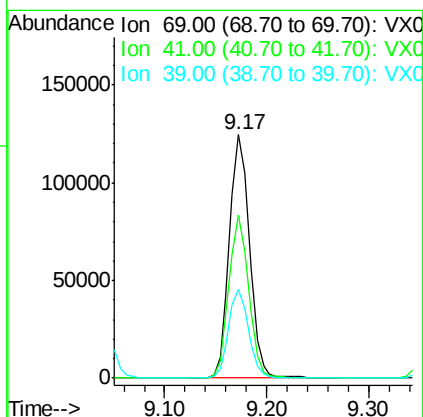
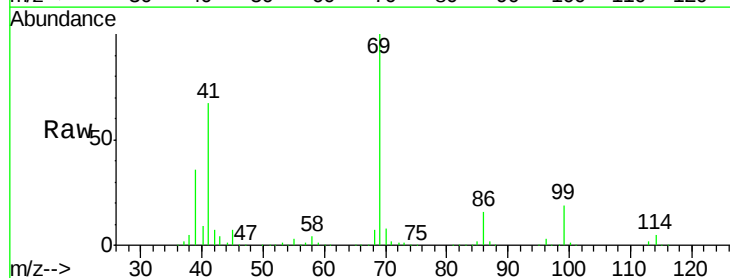
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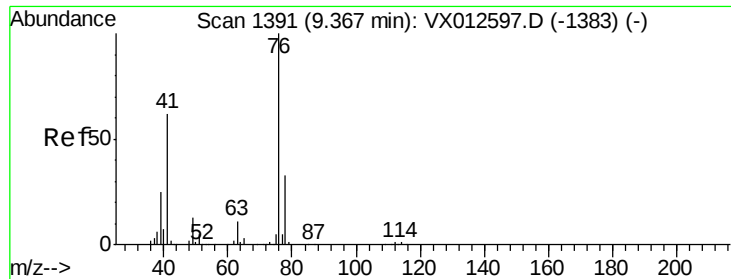
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#56
 Ethyl methacrylate
 Concen: 47.504 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		170407		
41	66.1	58.4	87.6		
39	35.9	33.4	50.0		





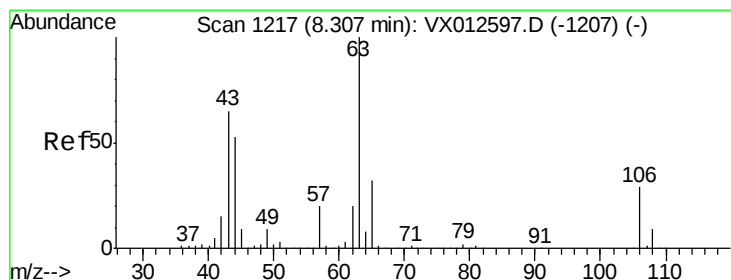
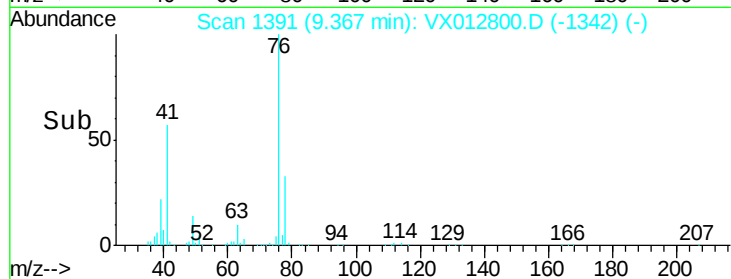
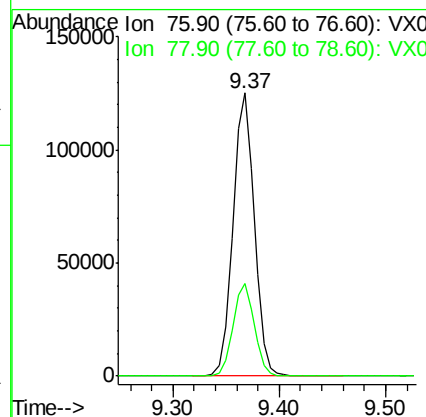
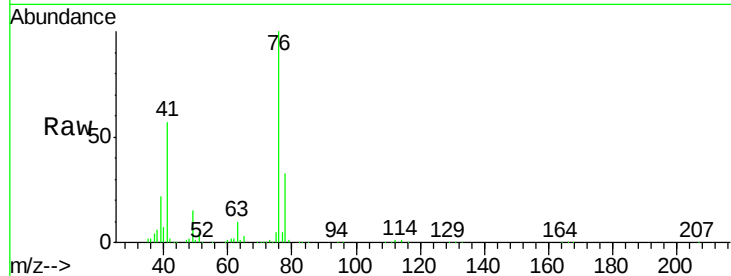
#57
 1,3-Dichloropropane
 Concen: 47.139 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.2

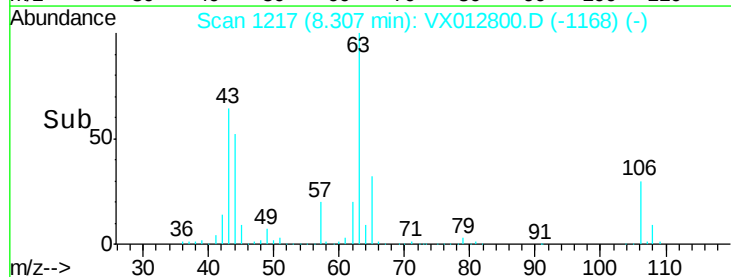
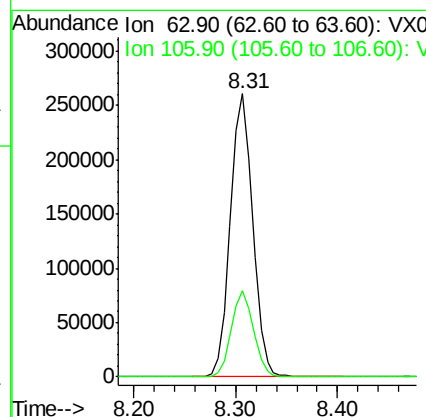
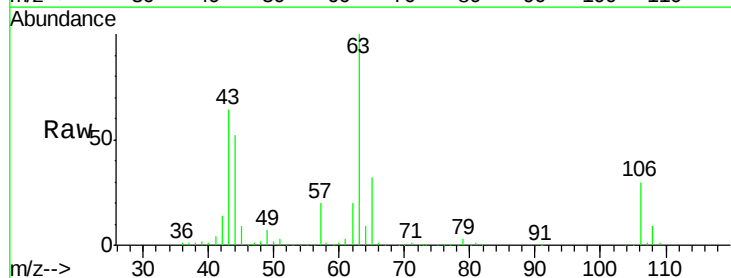
Manual Integrations
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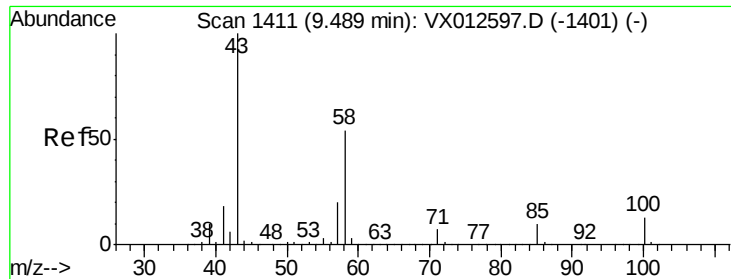
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 10/4/2019 9:19:33 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.229 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.8	35.6





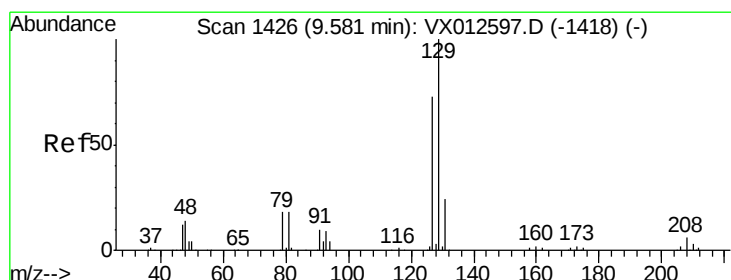
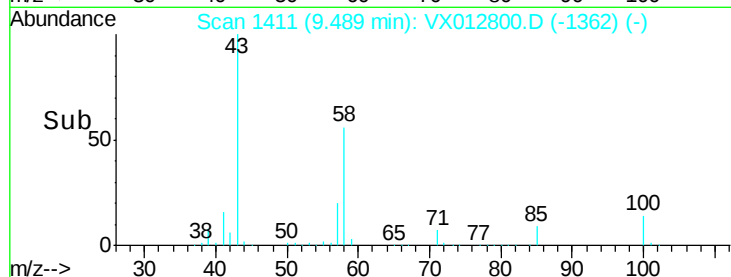
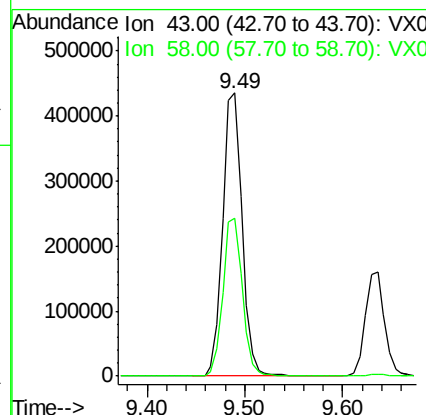
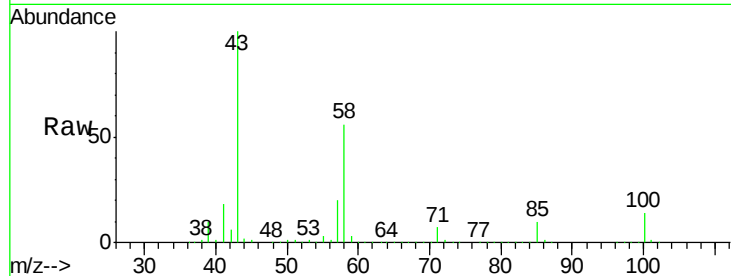
#59
2-Hexanone
Concen: 224.792 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 603089
Ion Ratio Lower Upper
43 100
58 55.9 25.7 77.1

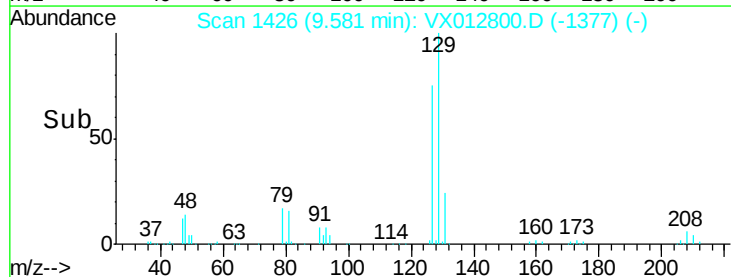
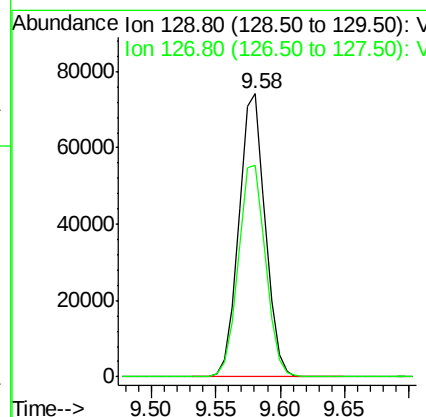
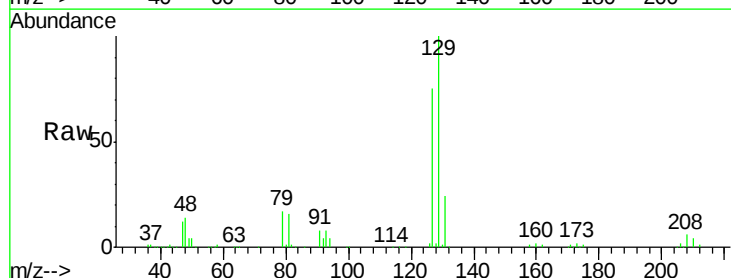
Manual Integrations
APPROVED

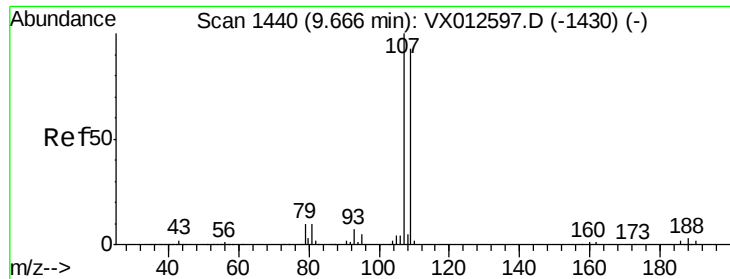
MMDadoda
10/4/2019 9:19:33 AM



#60
Dibromochloromethane
Concen: 48.905 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion: 129 Resp: 105707
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6





#61

1,2-Dibromoethane

Concen: 48.357 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 107458

Ion Ratio Lower Upper

107 100

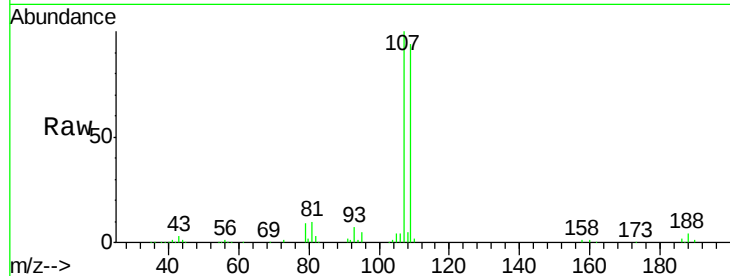
109 93.7 74.7 112.1

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

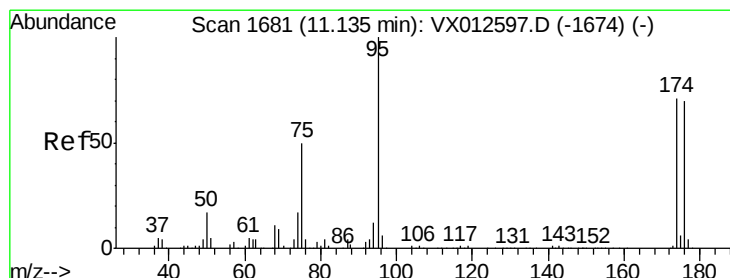
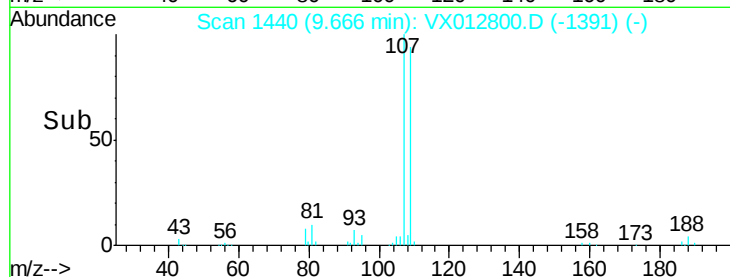
40000

20000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 46.805 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

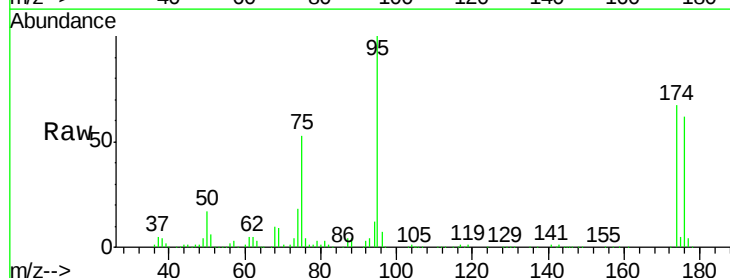
Tgt Ion: 95 Resp: 127178

Ion Ratio Lower Upper

95 100

174 72.6 0.0 140.0

176 70.1 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

120000

100000

80000

60000

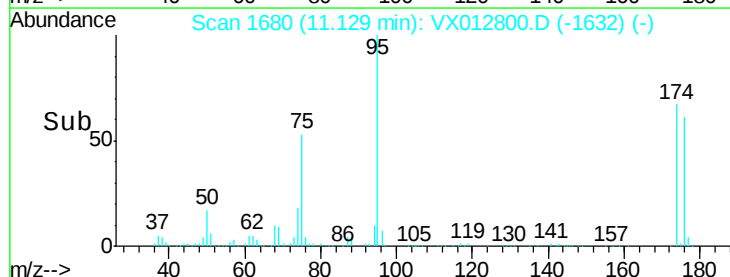
40000

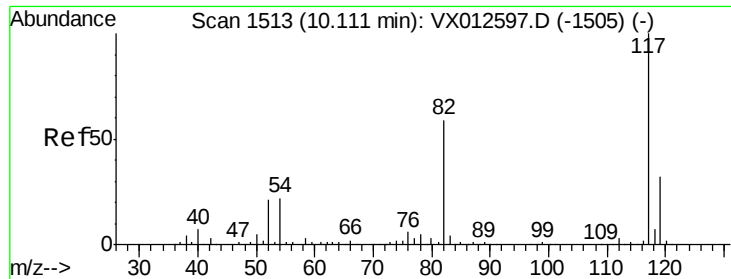
20000

0

Time-->

11.05 11.10 11.15 11.20





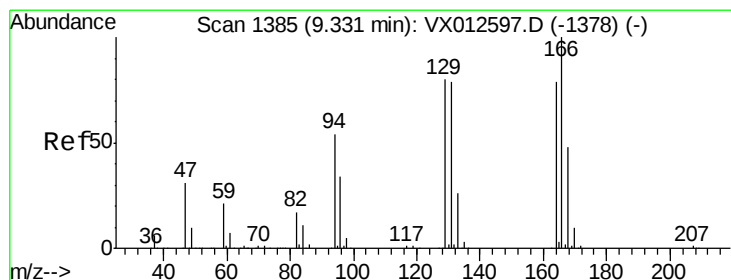
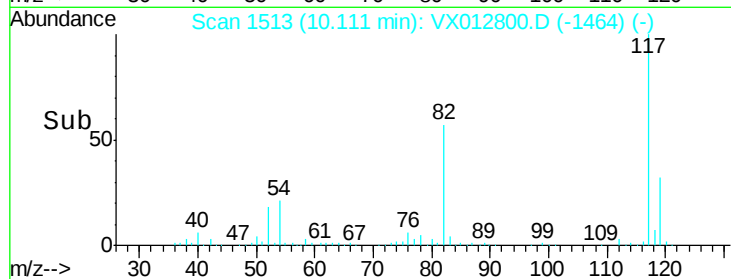
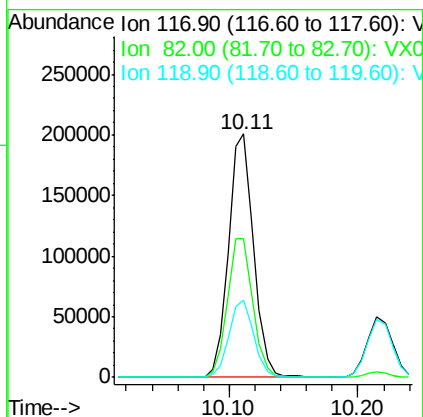
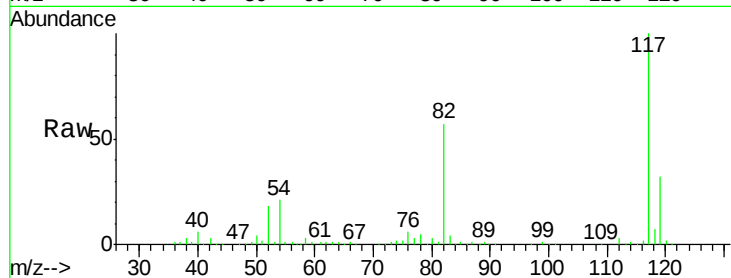
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.9	68.9
119	31.5	25.3	37.9

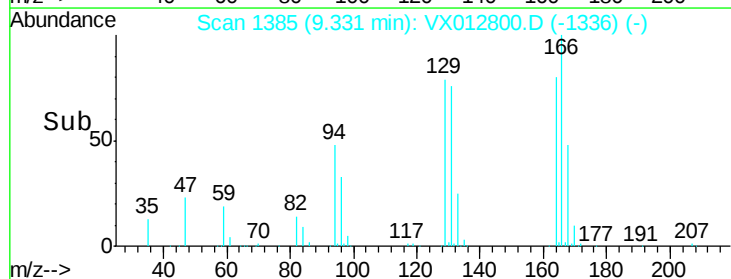
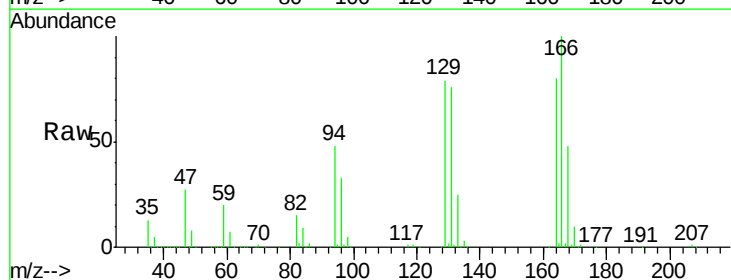
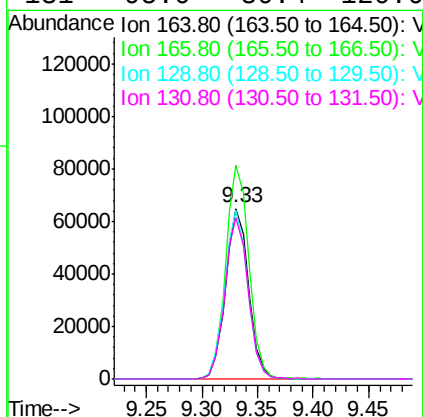
Manual Integrations
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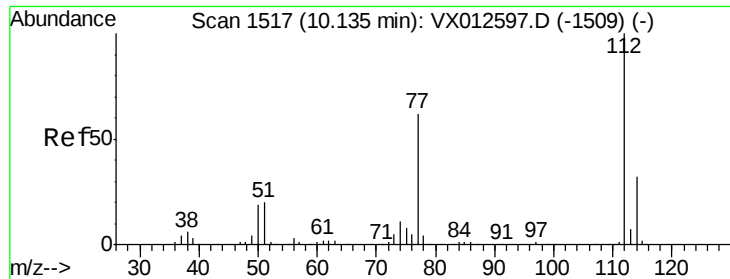
MMDadoda
10/4/2019 9:19:33 AM



#64
Tetrachloroethene
Concen: 48.572 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.5	107.8	161.6
129	99.5	86.2	129.2
131	95.0	80.4	120.6





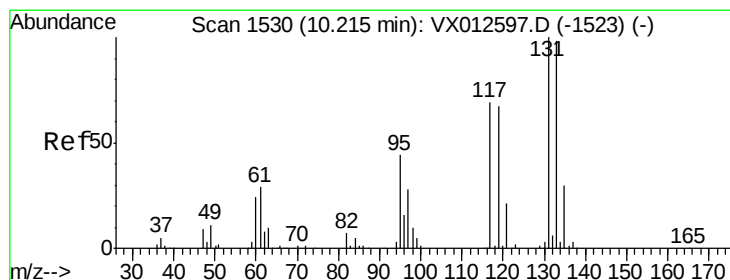
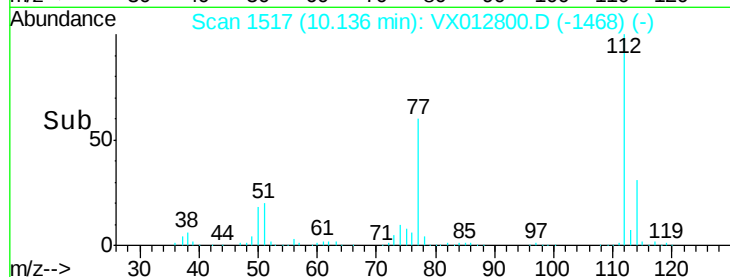
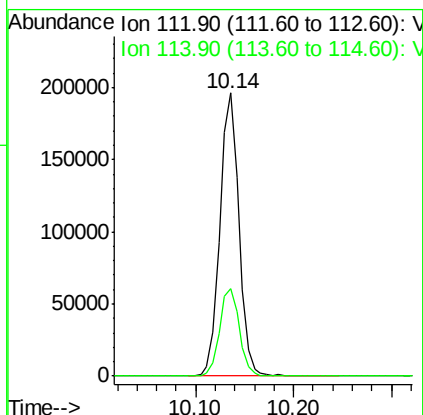
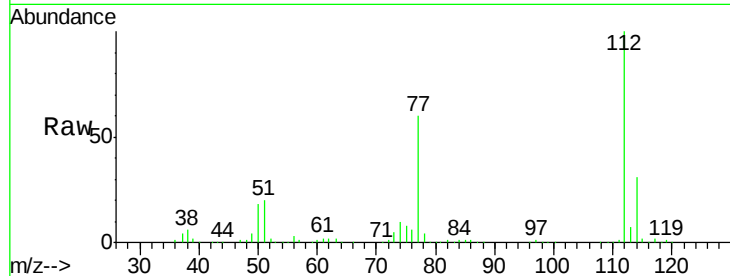
#65
Chlorobenzene
Concen: 45.855 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 264821
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.0

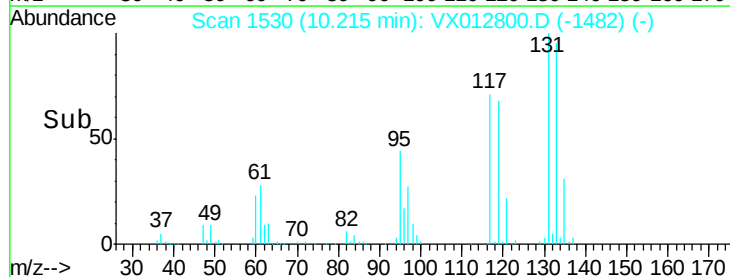
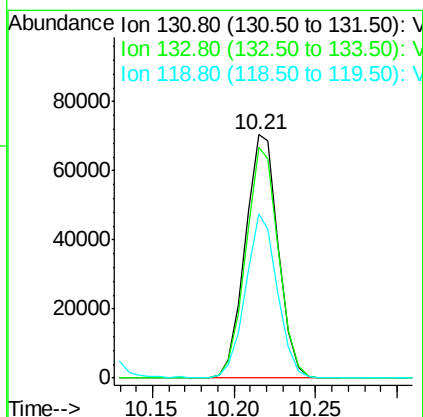
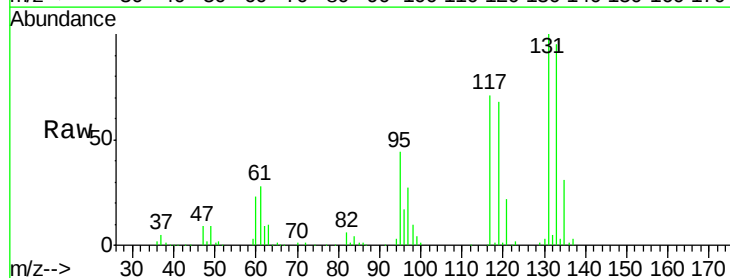
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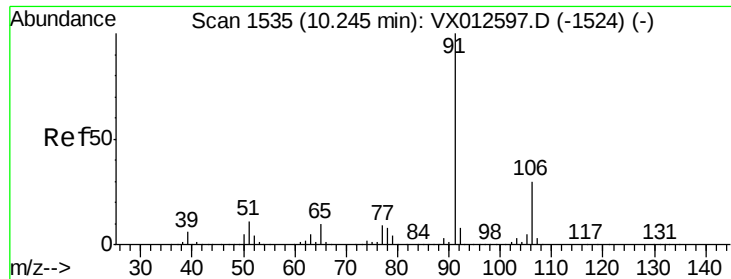
MMDadoda
10/4/2019 9:19:33 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.389 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion:131 Resp: 99161
Ion Ratio Lower Upper
131 100
133 93.6 47.6 142.9
119 65.0 31.3 93.8





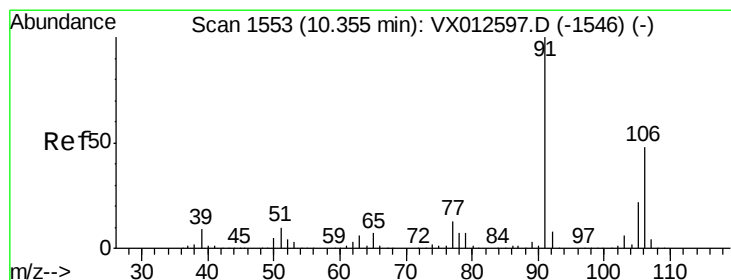
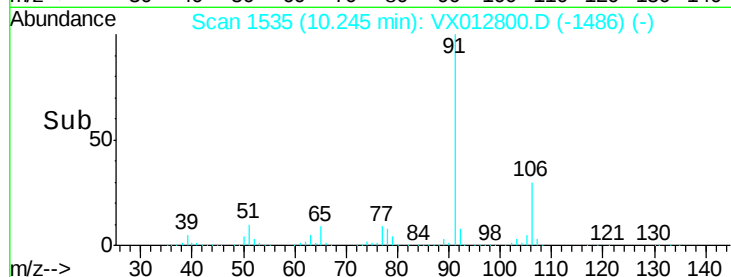
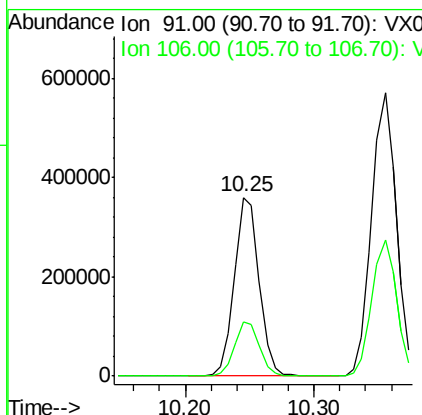
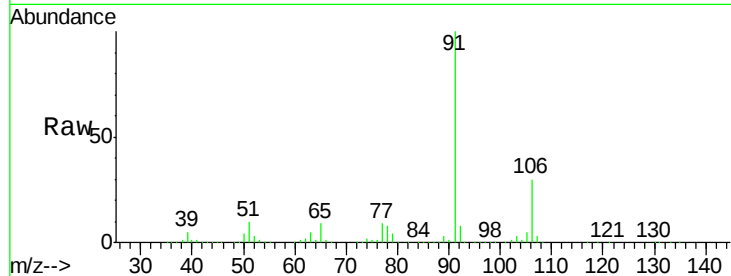
#67
Ethyl Benzene
Concen: 46.219 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 484130
Ion Ratio Lower Upper
91 100
106 30.3 24.6 37.0

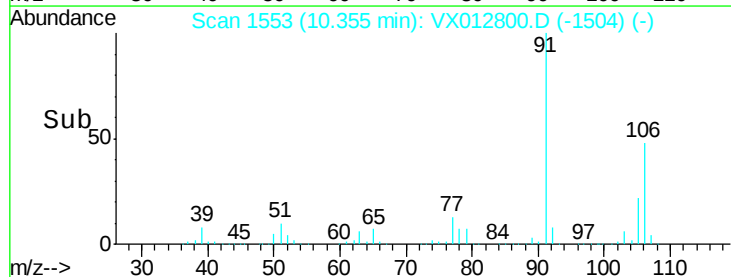
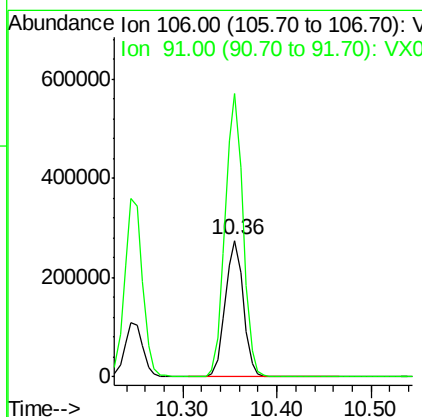
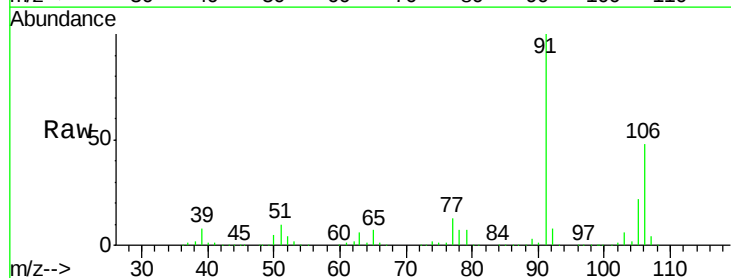
Manual Integrations
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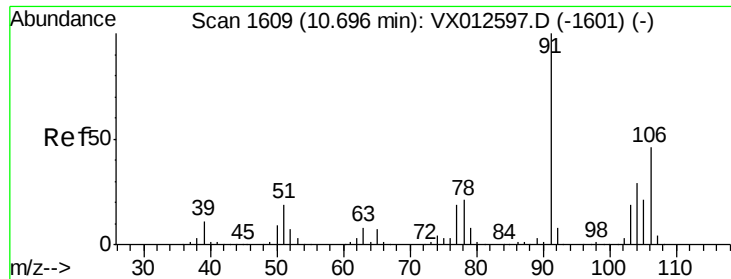
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10/4/2019 9:19:33 AM



#68
m/p-Xylenes
Concen: 92.984 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion: 106 Resp: 364855
Ion Ratio Lower Upper
106 100
91 207.1 166.6 250.0





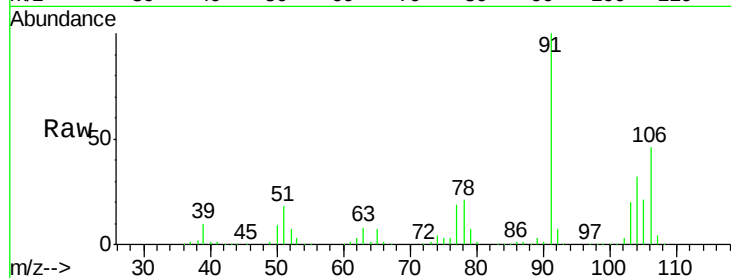
#69
o-Xylene
Concen: 46.804 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

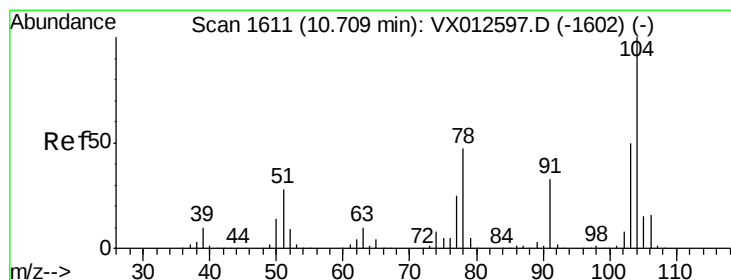
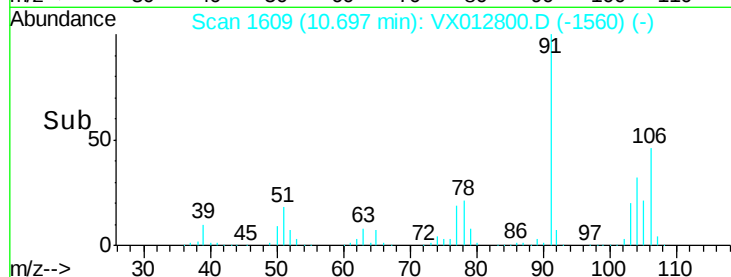
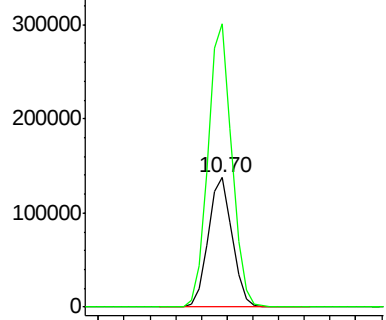
Tot Ion:106 Resp: 177704
Ion Ratio Lower Upper
106 100
91 217.4 109.4 328.2

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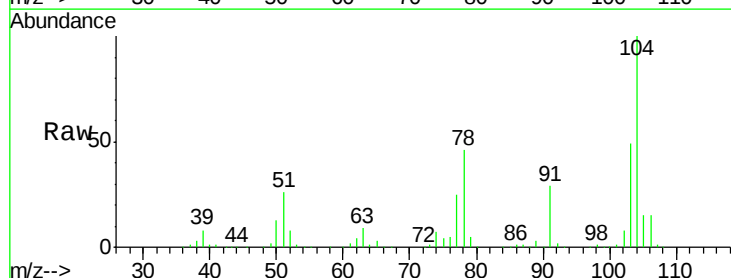


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

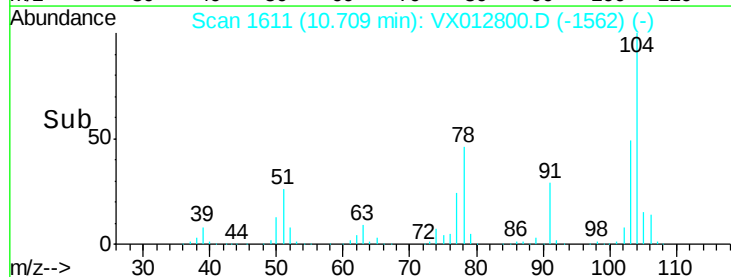
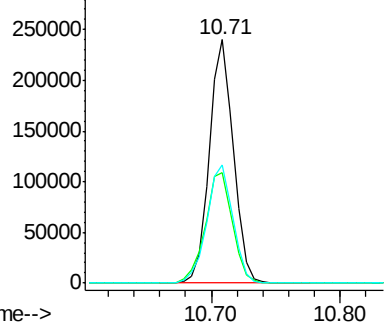


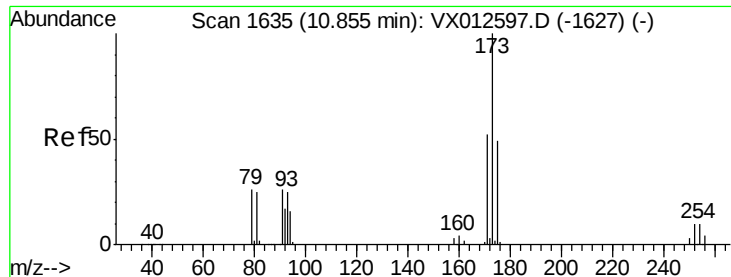
#70
Styrene
Concen: 48.646 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion:104 Resp: 309633
Ion Ratio Lower Upper
104 100
78 52.0 43.4 65.2
103 53.3 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: 49.207 ug/l

RT: 10.86 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 71696

Ion Ratio Lower Upper

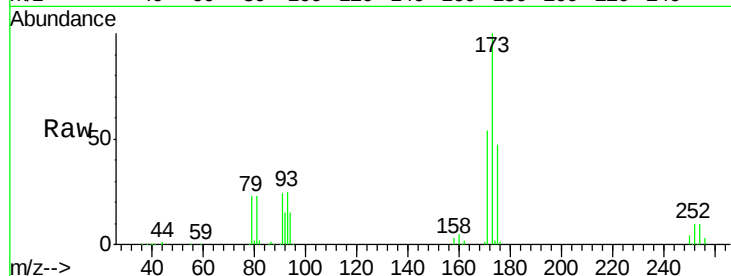
173 100

175 47.7 23.7 71.1

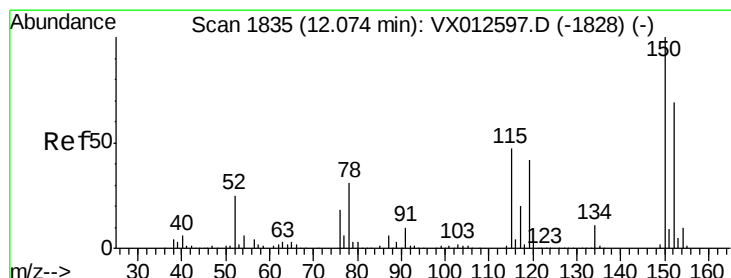
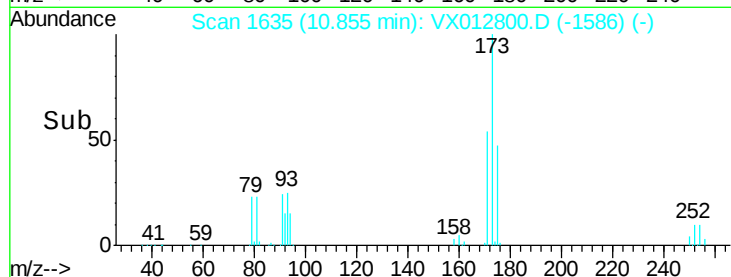
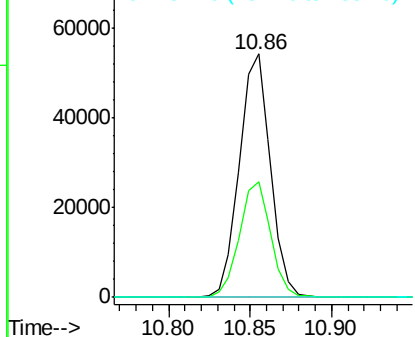
254 0.0 0.1 0.1#

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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: VX012800.D

Acq: 03 Oct 2019 21:39

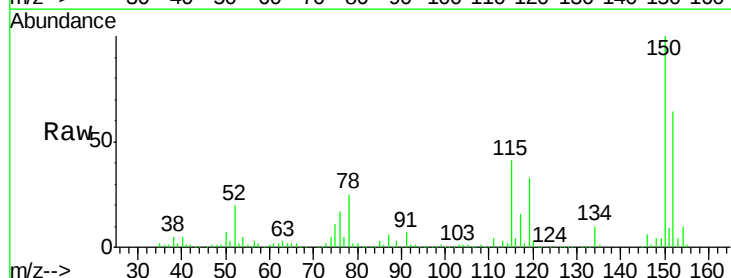
Tgt Ion:152 Resp: 128227

Ion Ratio Lower Upper

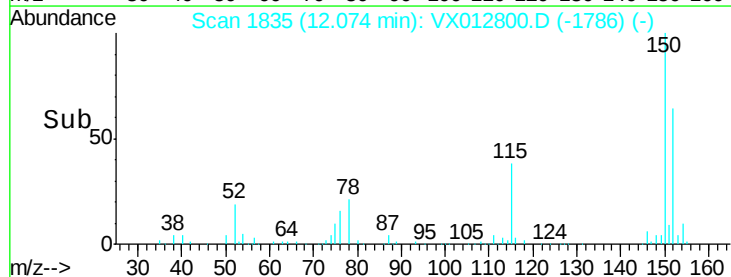
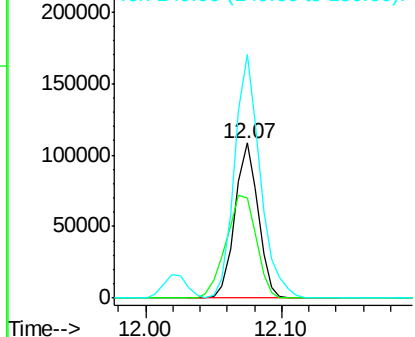
152 100

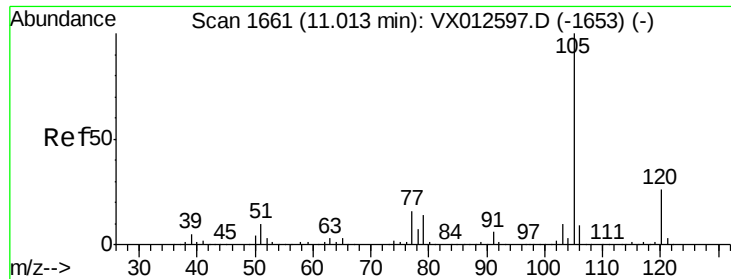
115 87.5 44.1 132.3

150 174.2 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: 45.726 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 477548

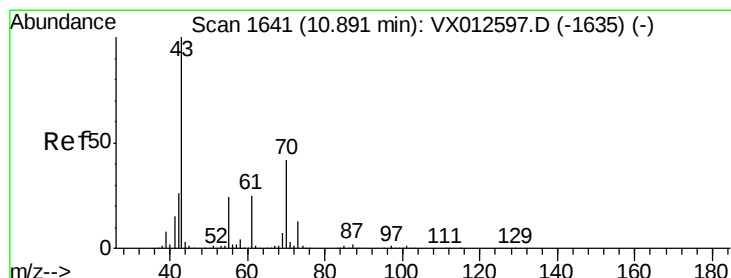
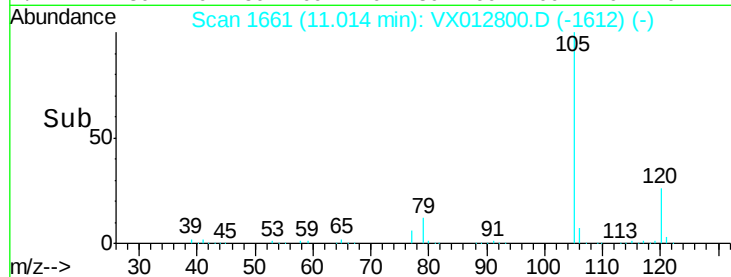
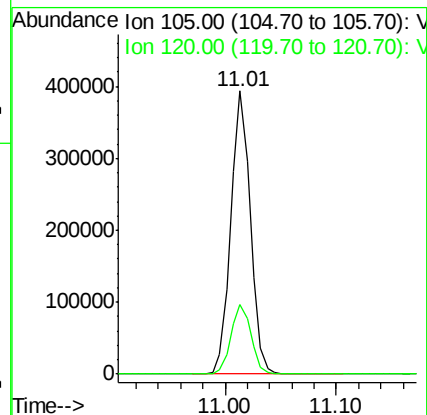
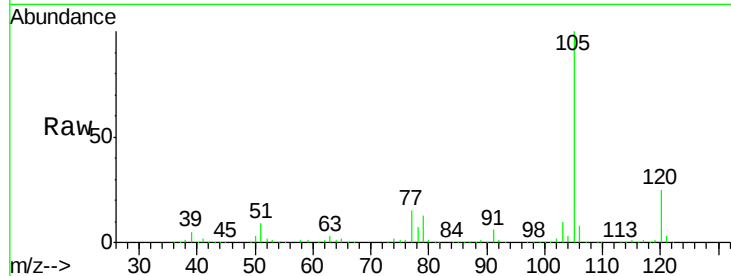
Ion Ratio Lower Upper

105 100

120 25.3 12.9 38.7

Manual Integrations
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#74

N-ethyl acetate

Concen: 44.036 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Tgt Ion: 43 Resp: 219404

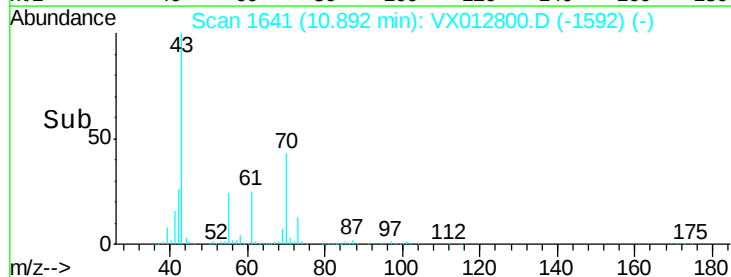
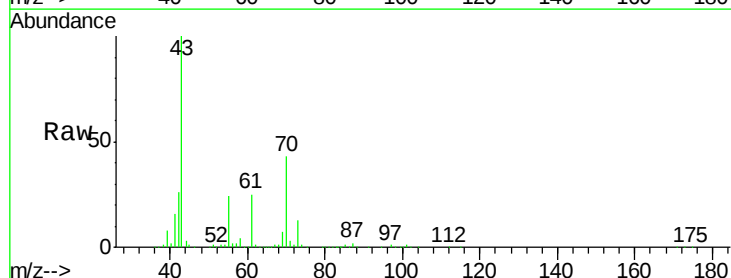
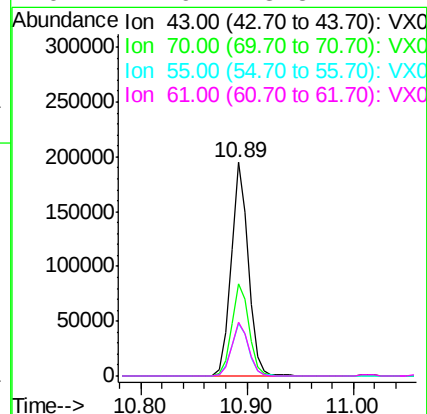
Ion Ratio Lower Upper

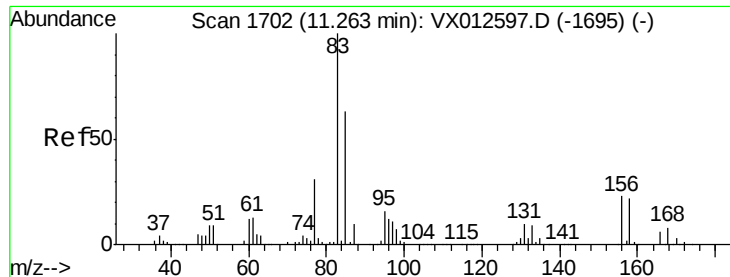
43 100

70 43.9 32.4 48.6

55 25.0 18.2 27.4

61 24.9 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 46.317 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

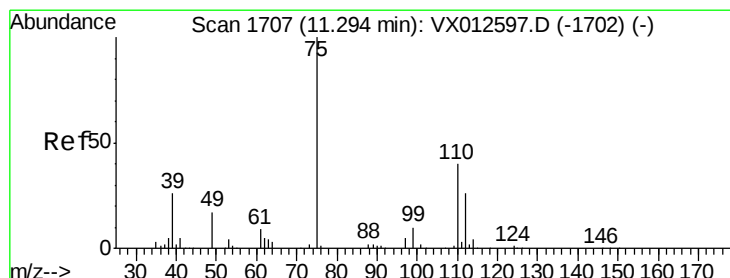
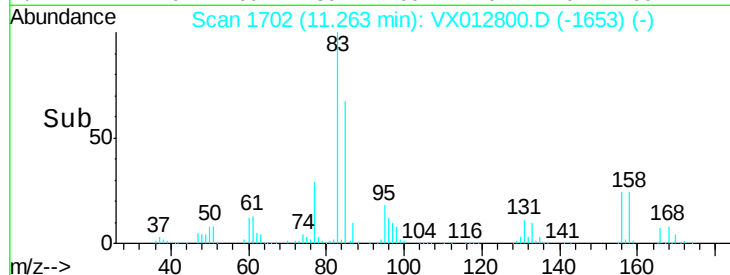
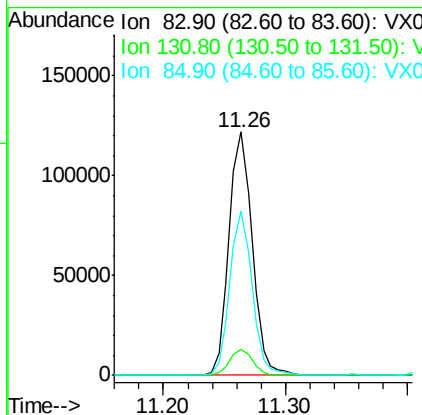
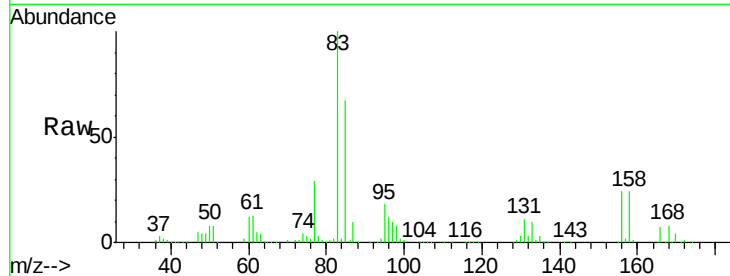
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	160202
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.2	15.6
85	65.0	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 44.158 ug/l m

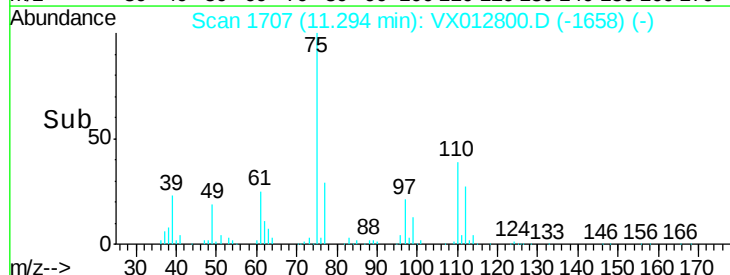
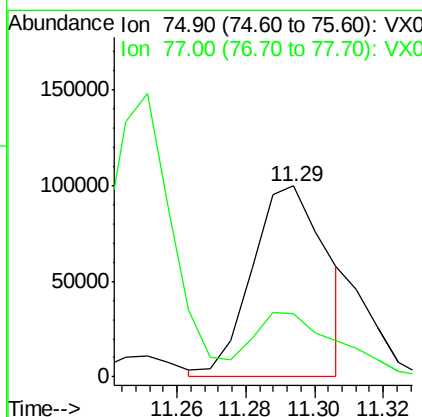
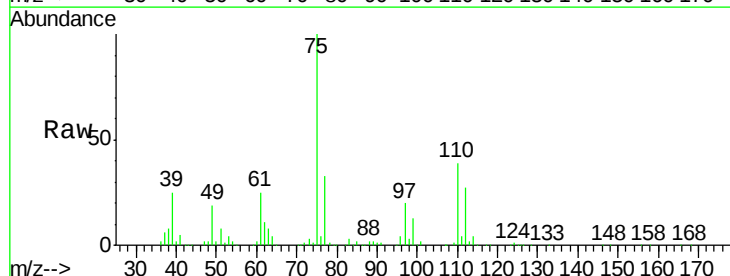
RT: 11.29 min Scan# 1707

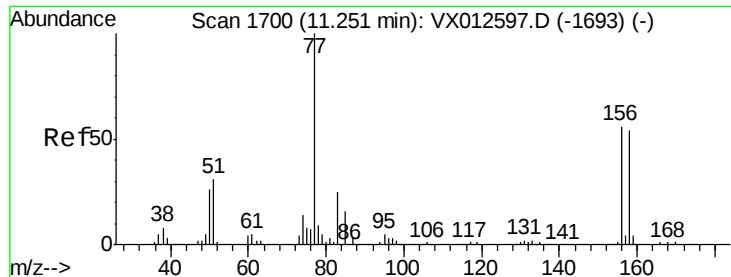
Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Tgt Ion:	75	Resp:	149780
Ion Ratio	Lower	Upper	
75	100		
77	38.1	19.7	59.0





#77

Bromobenzene

Concen: 45.852 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

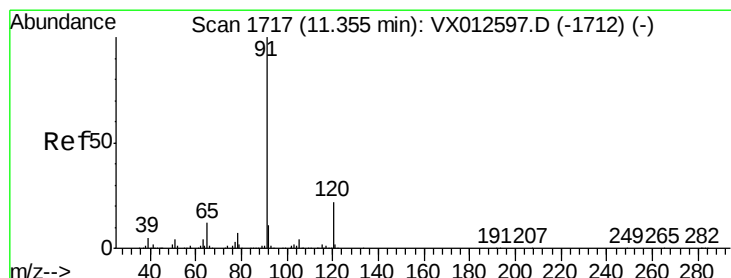
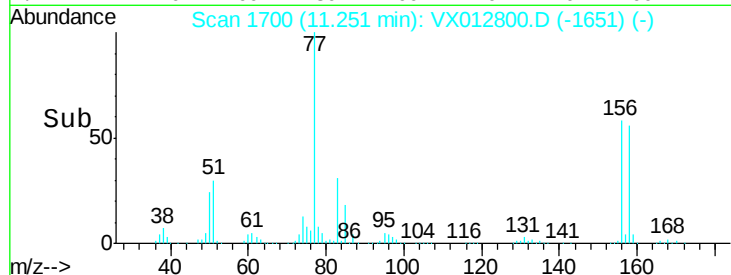
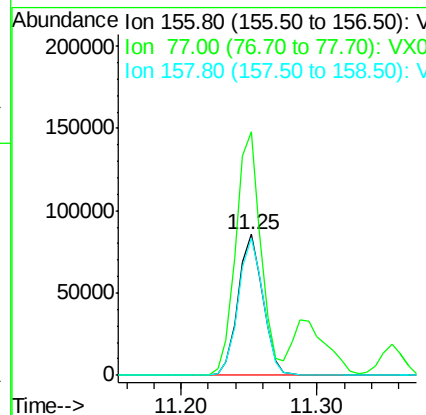
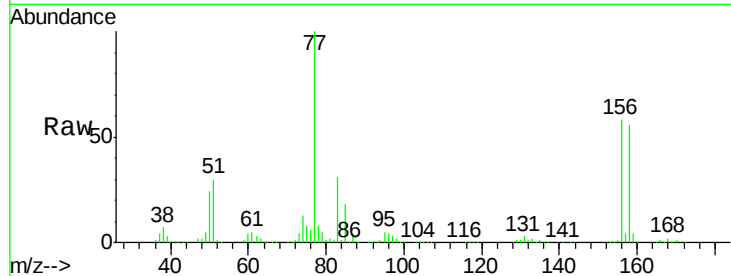
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	108379
Ion Ratio	Lower	Upper	
156	100		
77	176.1	87.3	261.8
158	98.0	48.5	145.6

Manual Integrations
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10/4/2019 9:19:33 AM



#78

n-propylbenzene

Concen: 45.010 ug/l

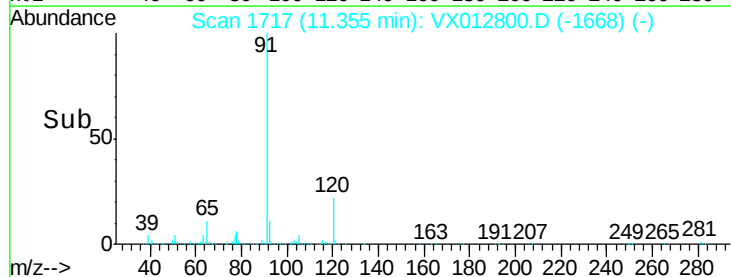
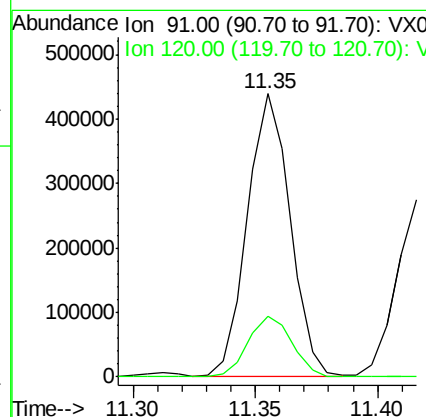
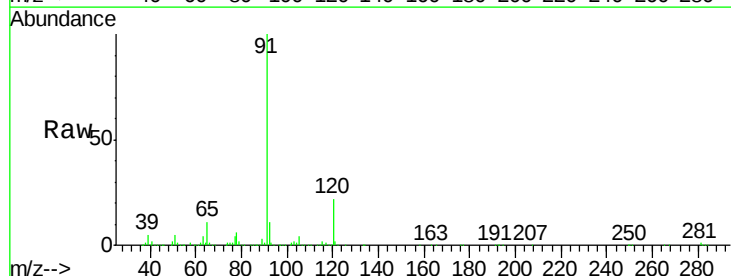
RT: 11.35 min Scan# 1717

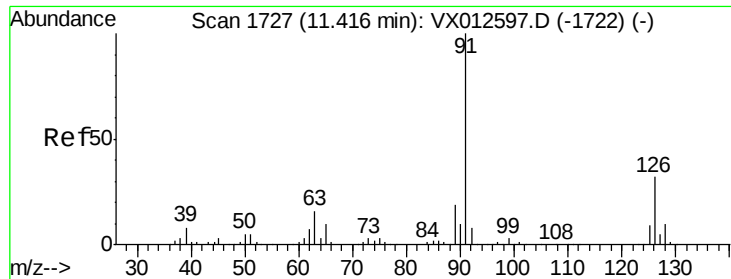
Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Tgt Ion:	91	Resp:	529213
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.3	33.8





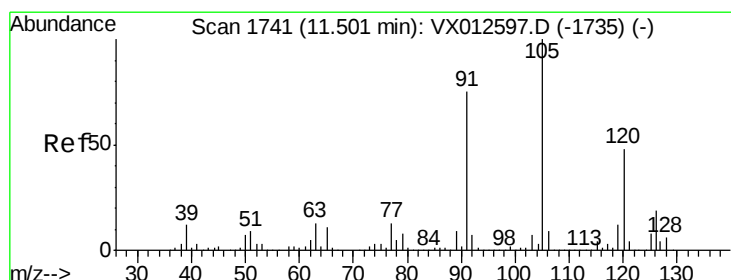
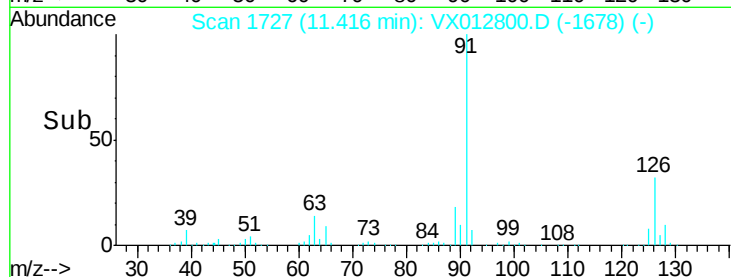
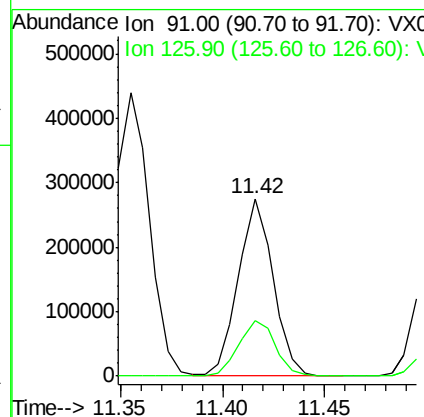
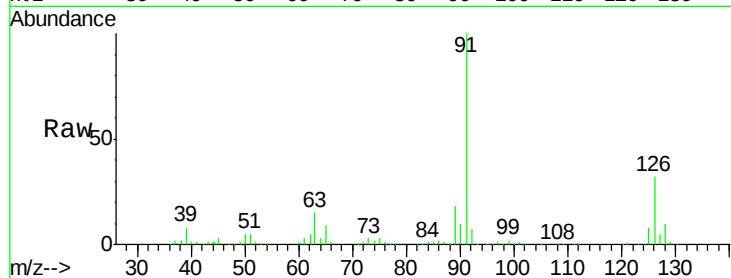
#79
 2-Chlorotoluene
 Concen: 44.391 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 91 Resp: 325592
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.4 49.4

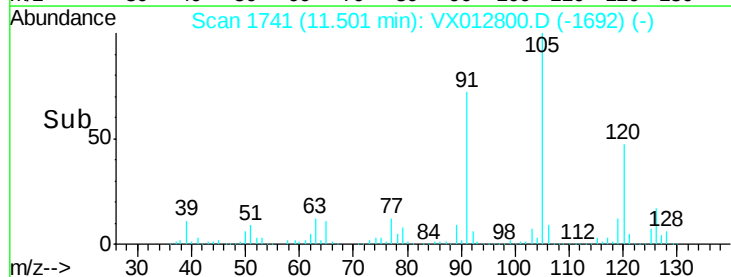
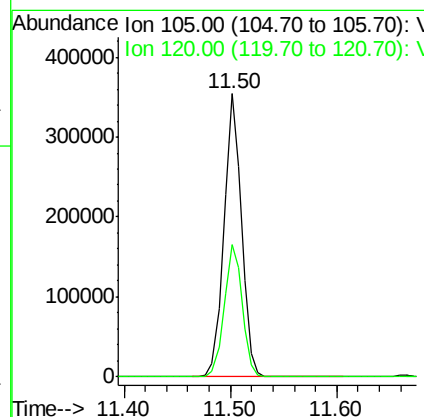
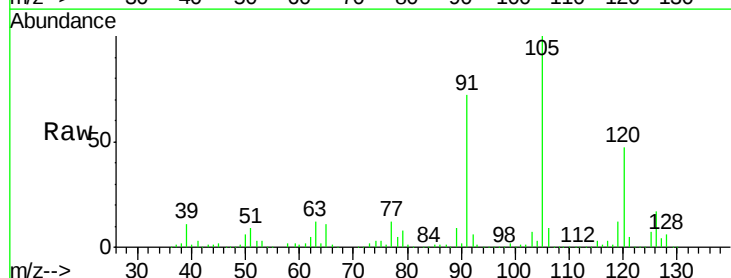
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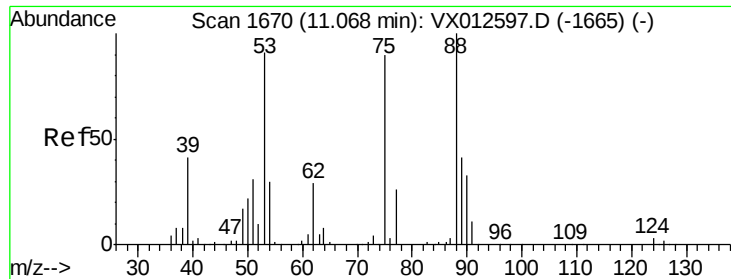
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#80
 1,3,5-Trimethylbenzene
 Concen: 46.153 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion: 105 Resp: 404205
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.3 72.8





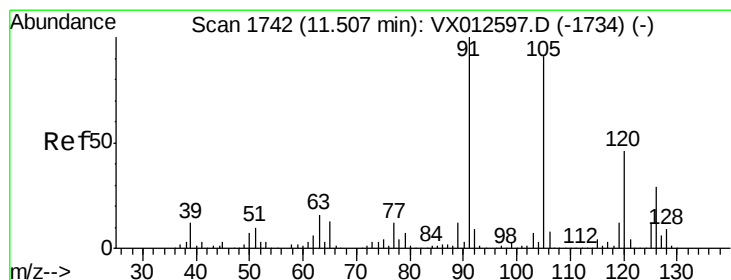
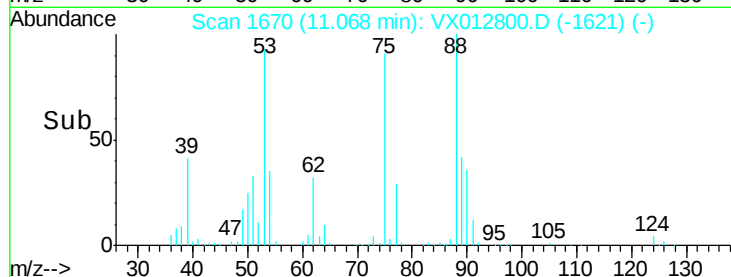
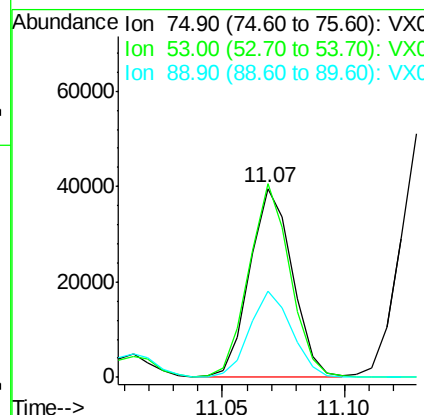
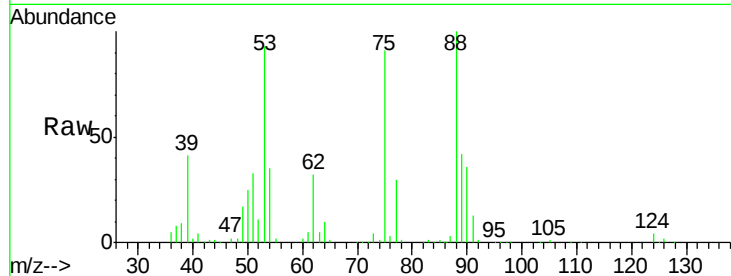
#81
trans-1,4-Dichloro-2-butene
Concen: 40.410 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.9	83.6	125.4
89	45.6	36.3	54.5

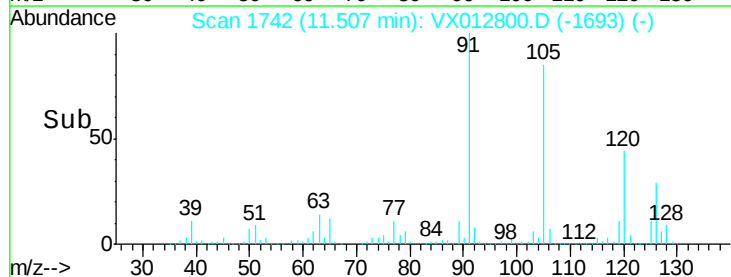
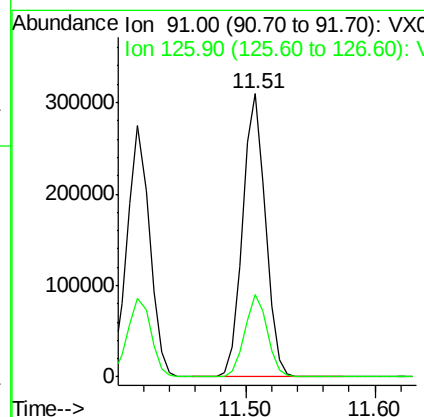
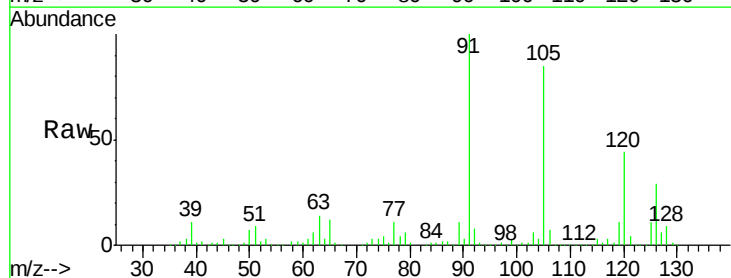
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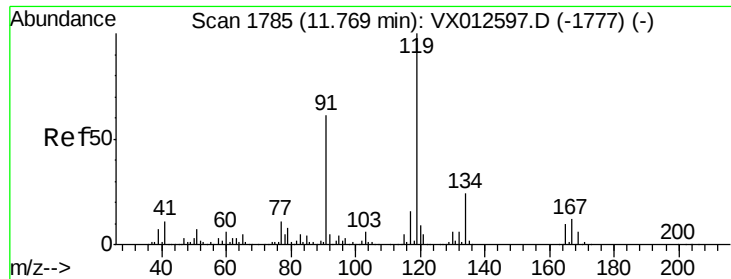
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#82
4-Chlorotoluene
Concen: 45.576 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.4	14.4	43.0





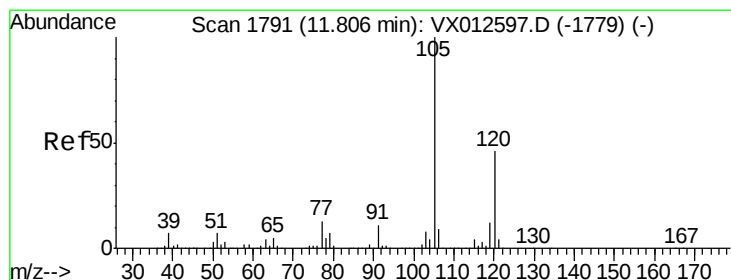
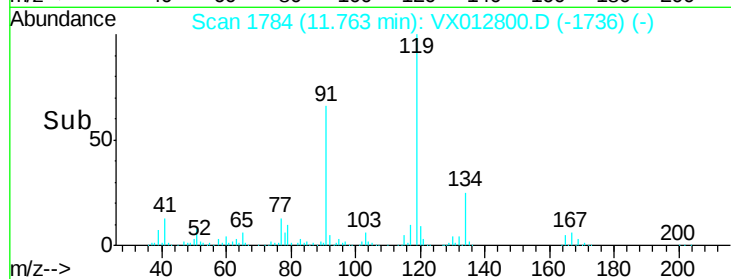
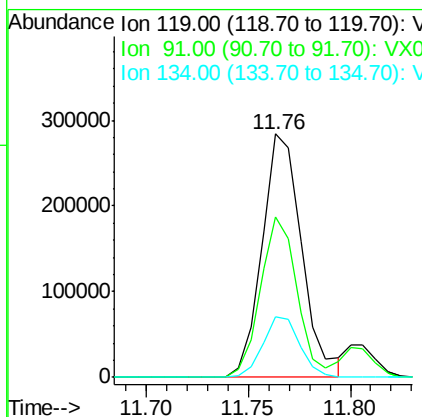
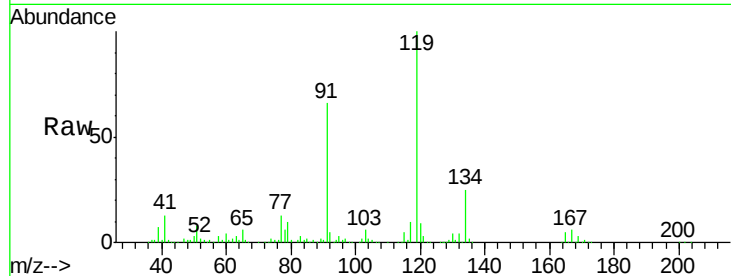
#83
tert-Butylbenzene
Concen: 45.711 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	386177		
91	60.5	30.0	90.0	
134	23.3	11.3	33.9	

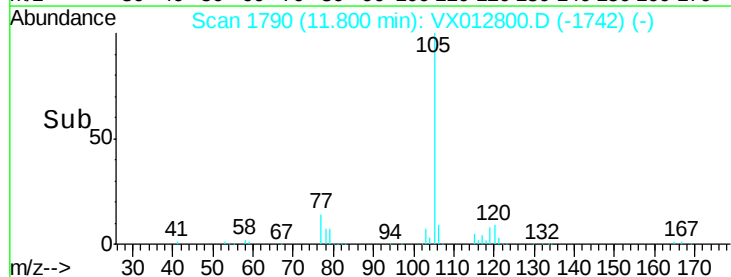
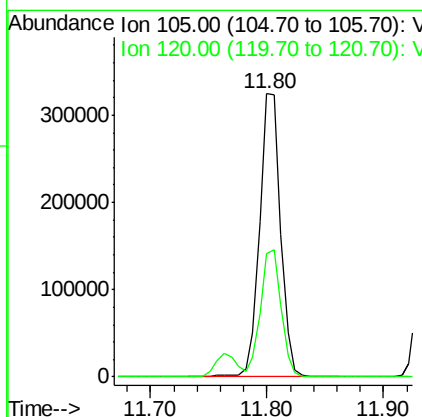
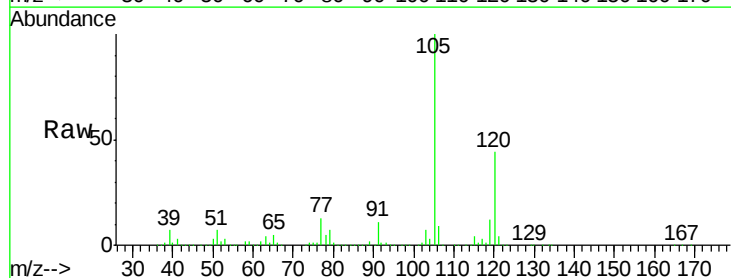
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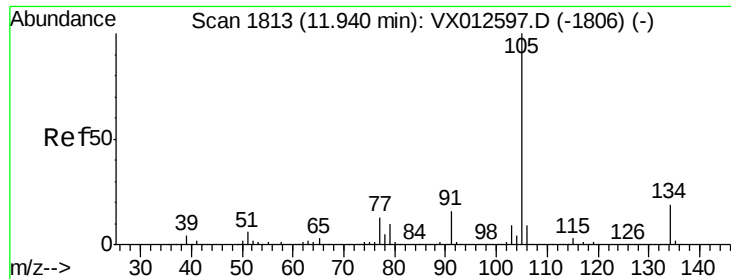
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#84
1,2,4-Trimethylbenzene
Concen: 46.239 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	408513		
120	44.3	22.2	66.6	





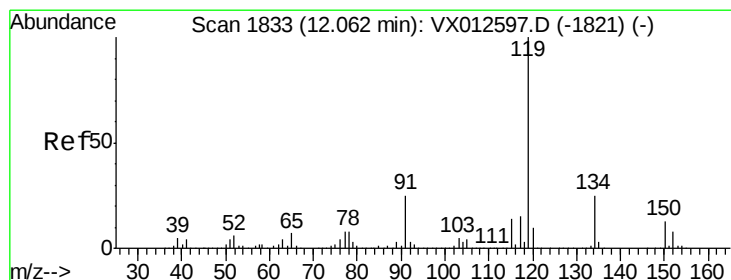
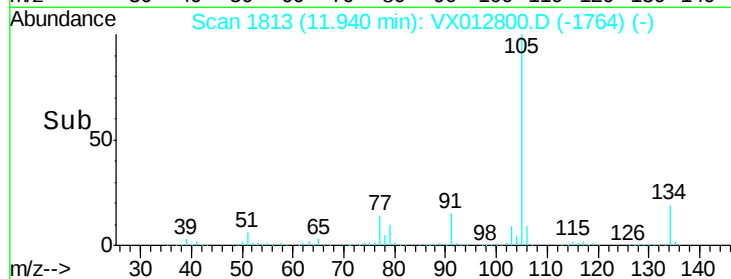
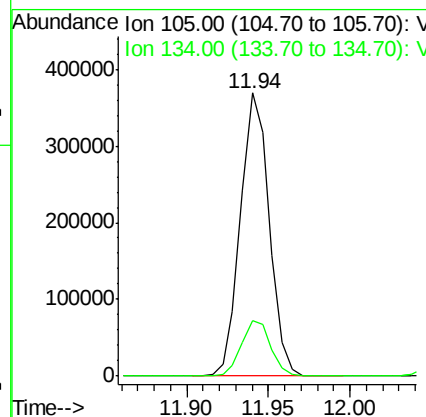
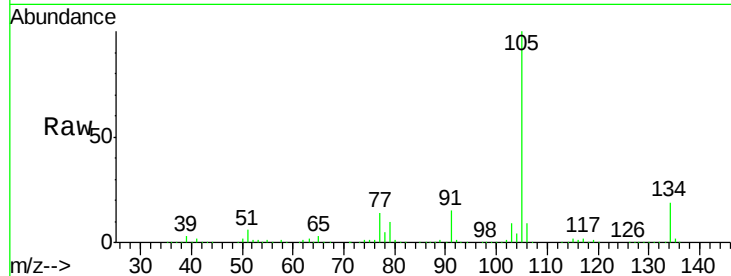
#85
 sec-Butylbenzene
 Concen: 46.223 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.4

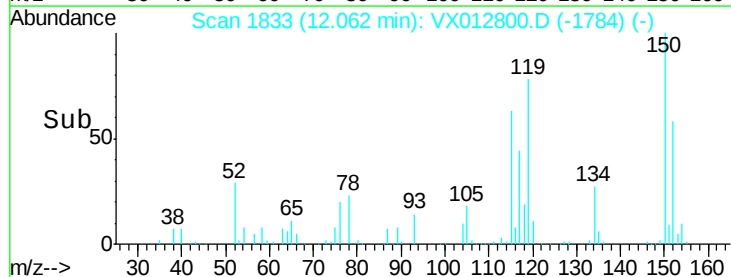
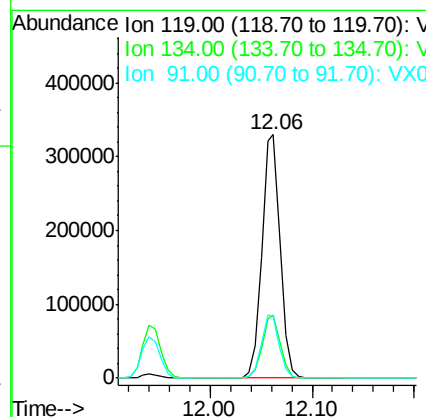
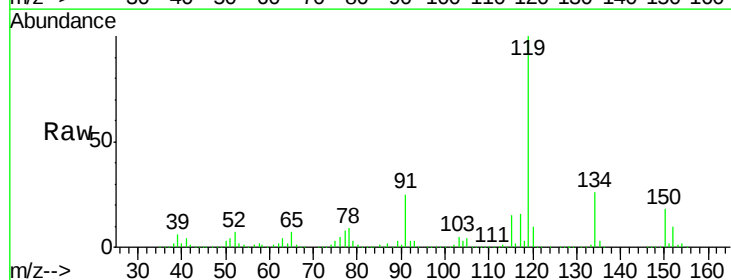
Manual Integrations
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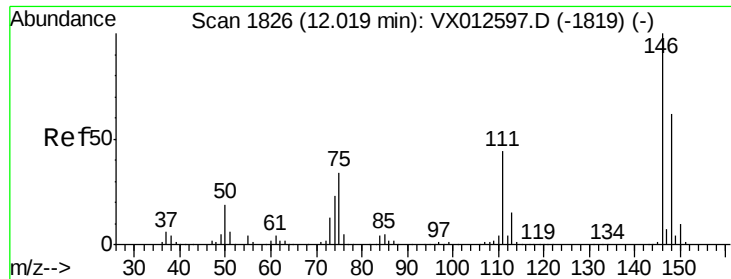
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#86
 p-Isopropyltoluene
 Concen: 46.855 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.7	38.1
91	25.4	12.8	38.4





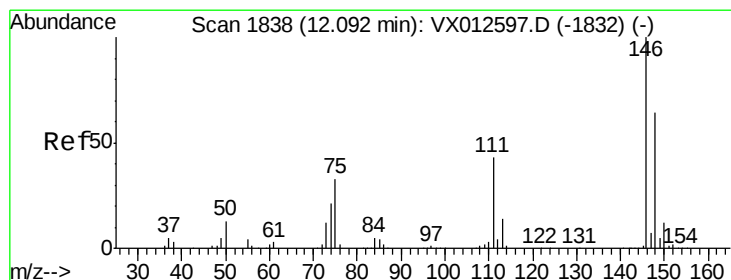
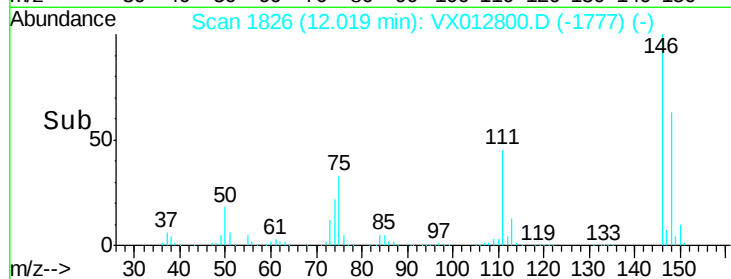
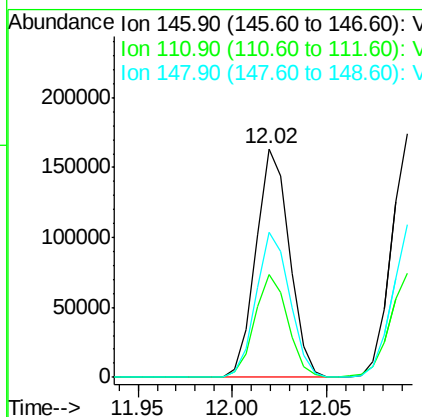
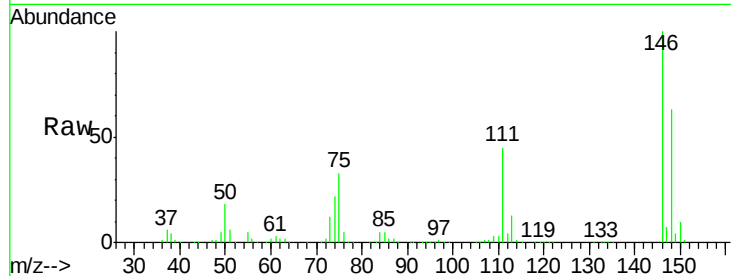
#87
 1,3-Dichlorobenzene
 Concen: 47.419 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.3	64.0
148	63.8	32.4	97.2

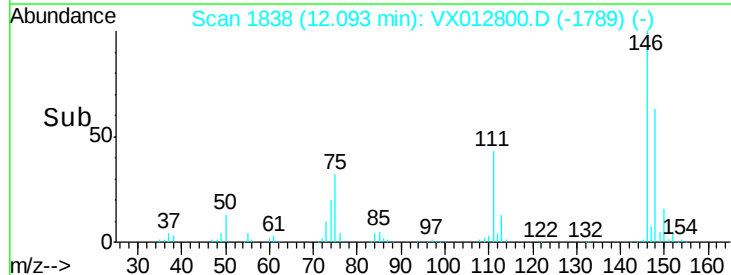
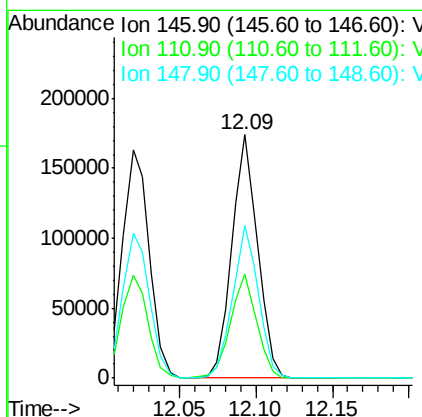
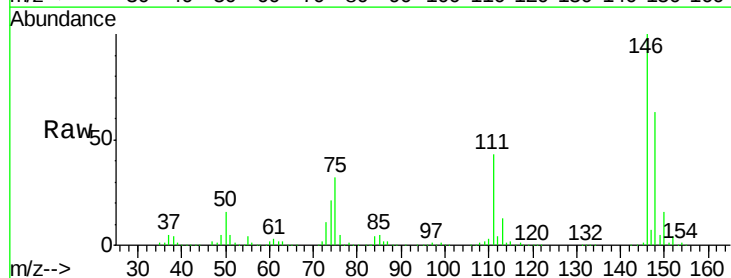
Manual Integrations
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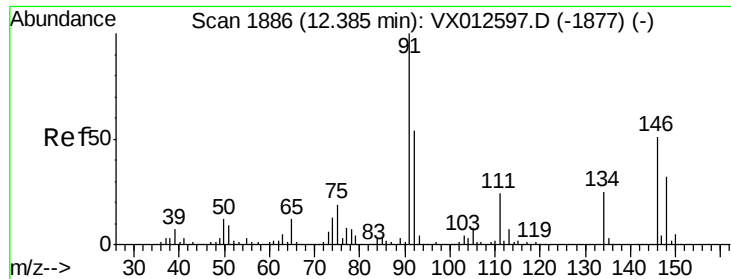
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 10/4/2019 9:19:33 AM



#88
 1,4-Dichlorobenzene
 Concen: 47.173 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.1	63.3
148	62.7	32.1	96.5





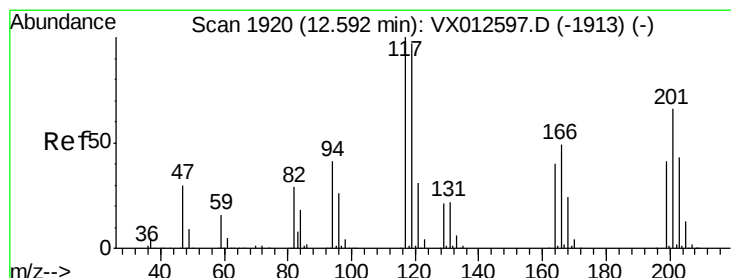
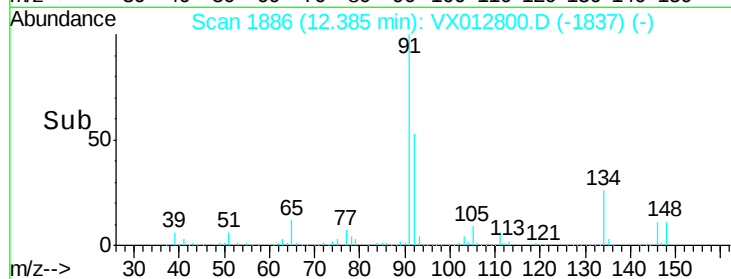
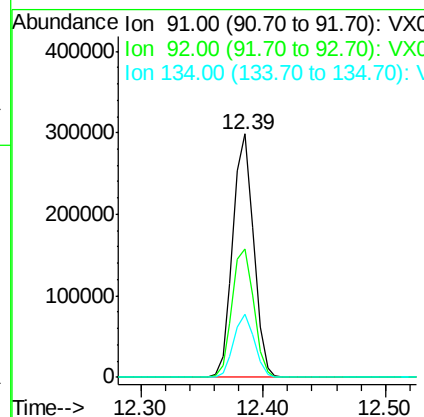
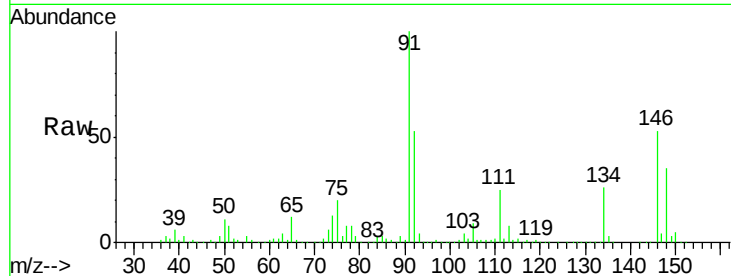
#89
n-Butylbenzene
Concen: 44.916 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.7	83.0
134	25.7	12.9	38.6

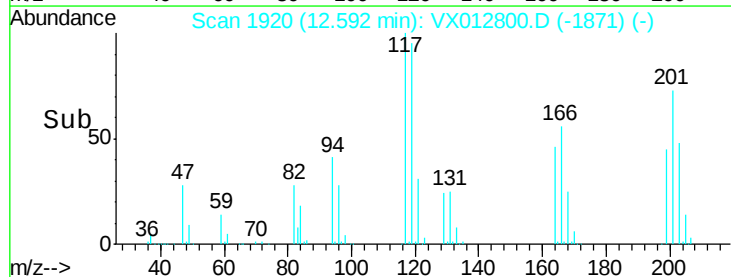
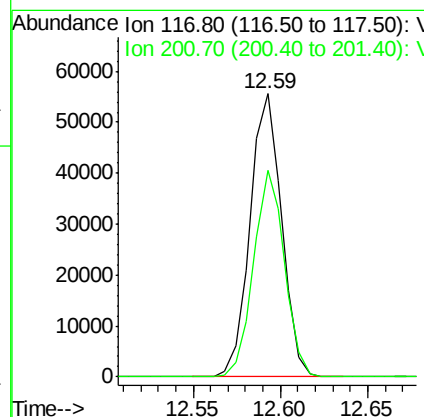
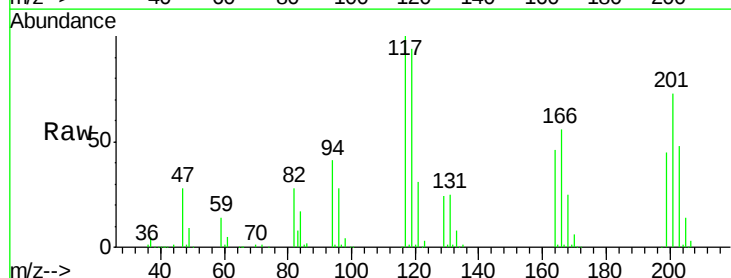
Manual Integrations
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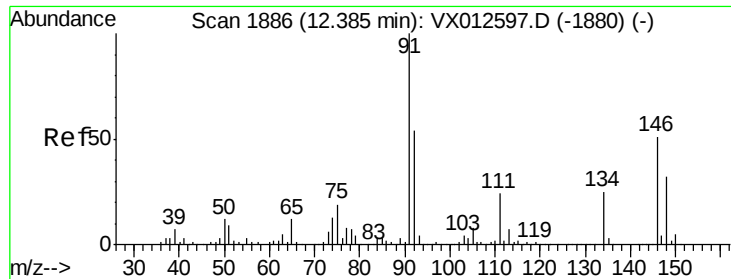
MMDadoda
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#90
Hexachloroethane
Concen: 44.157 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012800.D
Acq: 03 Oct 2019 21:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.7	33.3	99.8





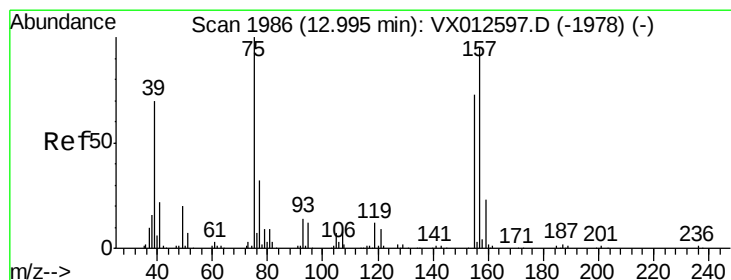
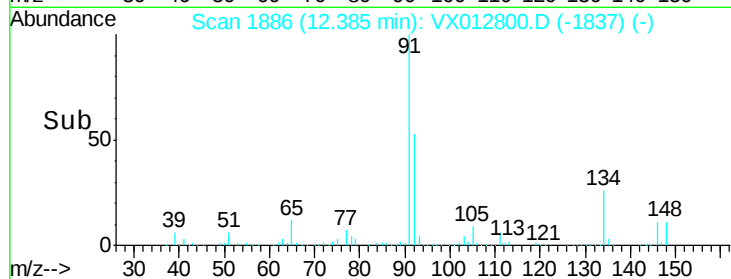
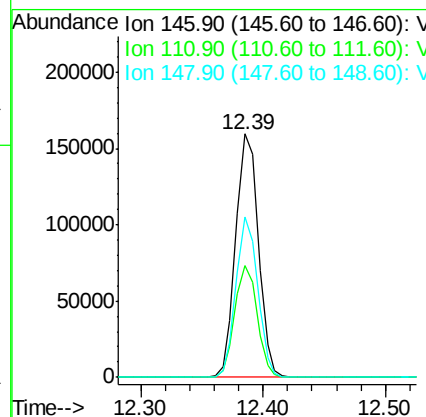
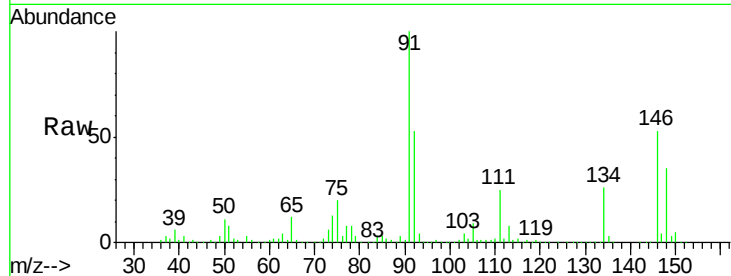
#91
 1,2-Dichlorobenzene
 Concen: 47.790 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.4	22.1	66.1
148	63.5	31.3	93.9

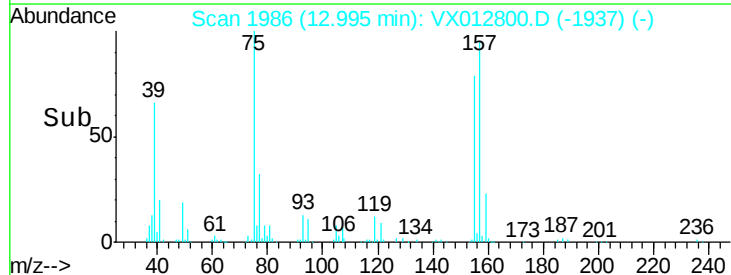
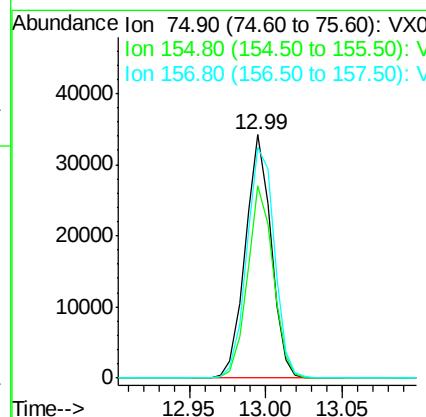
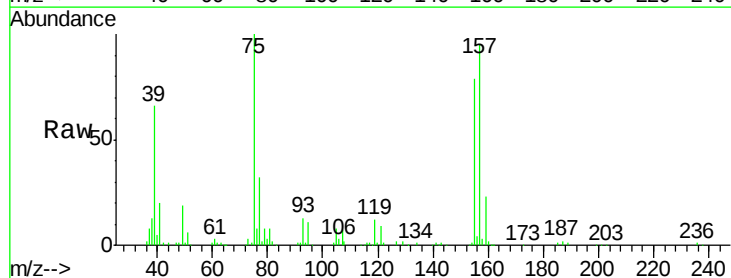
Manual Integrations
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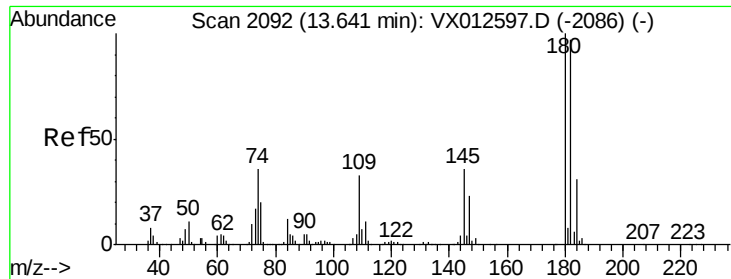
MMDadoda
 10/4/2019 9:19:33 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.122 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.5	38.6	115.8
157	101.6	50.6	151.9





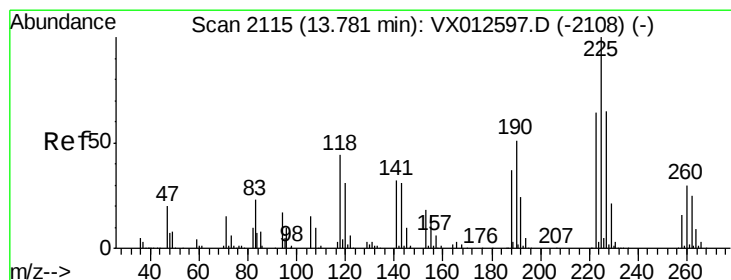
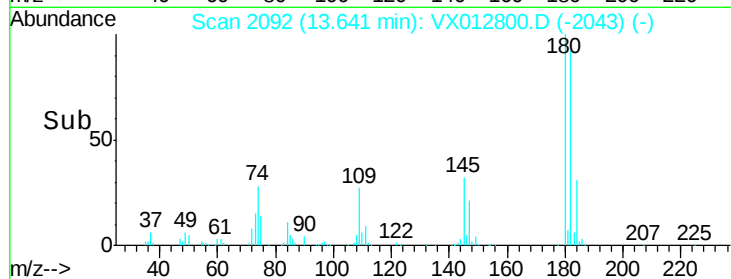
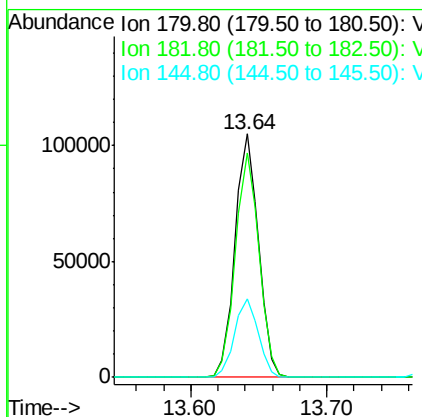
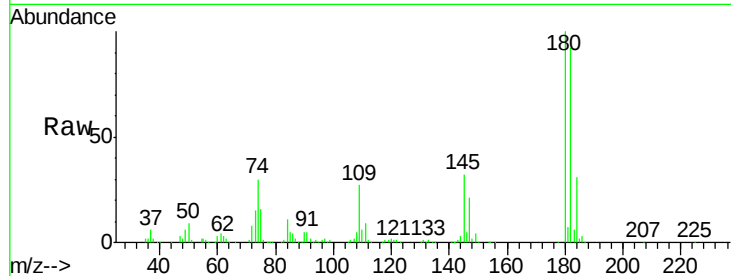
#93
 1,2,4-Trichlorobenzene
 Concen: 48.498 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	125954		
182	93.2	47.0	141.0	
145	32.9	16.8	50.4	

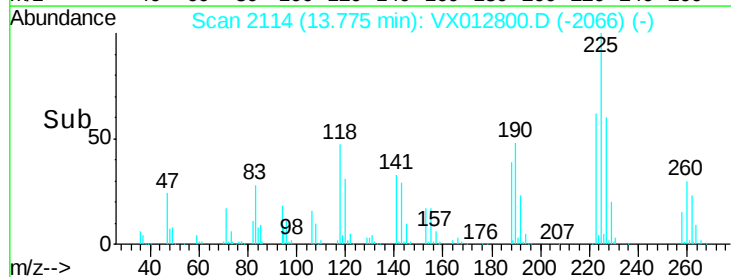
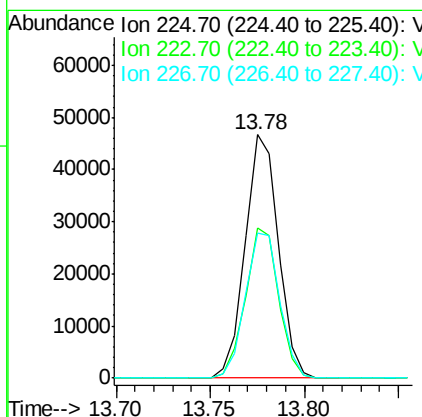
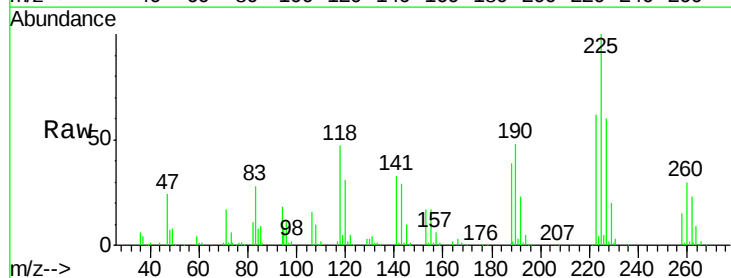
Manual Integrations
 APPROVED

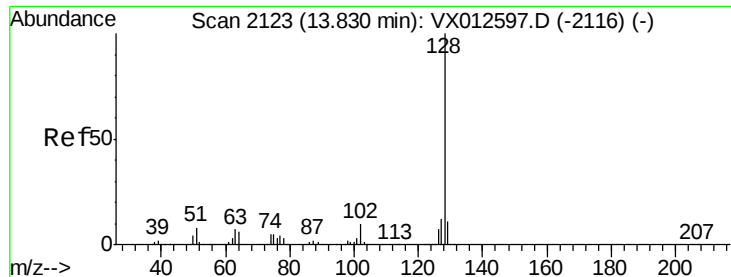
MMDadoda
 10/4/2019 9:19:33 AM



#94
 Hexachlorobutadiene
 Concen: 51.117 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012800.D
 Acq: 03 Oct 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	57112		
223	61.6	32.0	96.2	
227	61.7	31.9	95.5	





#95

Naphthalene

Concen: 47.697 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Instrument :

MSVOA_X

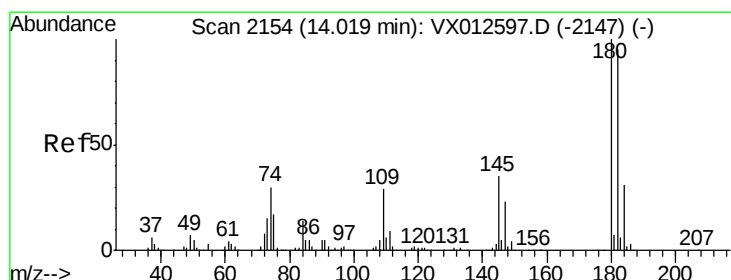
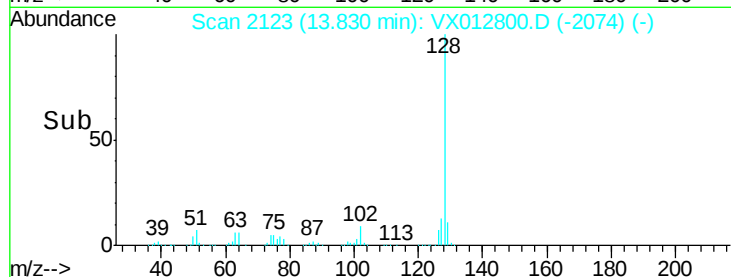
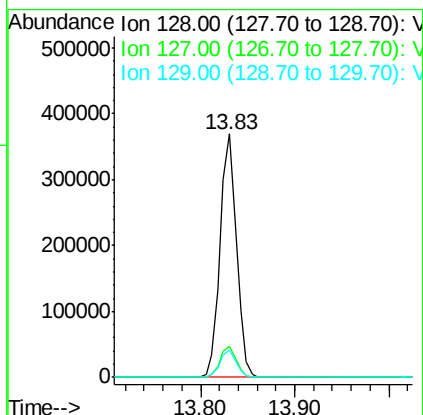
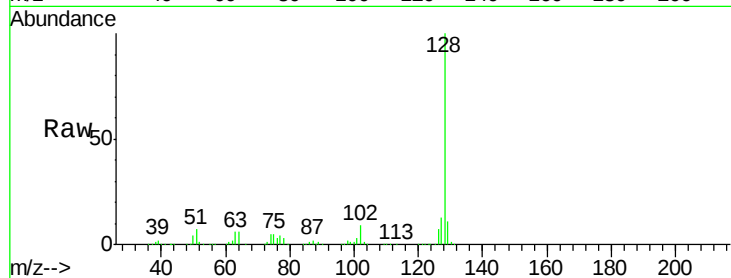
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	448185
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/4/2019 9:19:33 AM



#96

1,2,3-Trichlorobenzene

Concen: 48.863 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012800.D

Acq: 03 Oct 2019 21:39

Tgt Ion:	180	Resp:	127121
Ion Ratio		Lower	Upper
180	100		
182	94.5	47.1	141.3
145	36.1	18.0	54.0

