

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030520\
 Data File : VX015115.D
 Acq On : 05 Mar 2020 17:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/6/2020 4:49:23 PM

Quant Time: Mar 06 04:01:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	364110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	561501	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	530669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	287153	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	214990	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
35) Dibromofluoromethane	5.49	113	176881	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
50) Toluene-d8	8.71	98	681465	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
62) 4-Bromofluorobenzene	11.13	95	246434	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	152958	47.973	ug/l	98
3) Chloromethane	1.32	50	208660	46.200	ug/l	100
4) Vinyl Chloride	1.40	62	223466	48.795	ug/l	98
5) Bromomethane	1.64	94	113412	40.281	ug/l	99
6) Chloroethane	1.72	64	146059	53.167	ug/l	99
7) Trichlorofluoromethane	1.92	101	267631	49.113	ug/l	96
8) Diethyl Ether	2.18	74	120440	48.797	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	169373	49.402	ug/l	99
10) Methyl Iodide	2.50	142	112507	29.046	ug/l	99
11) Tert butyl alcohol	3.03	59	158922	212.047	ug/l	100
12) 1,1-Dichloroethene	2.37	96	170217	48.107	ug/l	96
13) Acrolein	2.28	56	137635	195.415	ug/l	99
14) Allyl chloride	2.72	41	298356	48.359	ug/l	99
15) Acrylonitrile	3.13	53	469651	251.625	ug/l	100
16) Acetone	2.43	43	386617	221.000	ug/l	99
17) Carbon Disulfide	2.56	76	462929	47.111	ug/l	100
18) Methyl Acetate	2.76	43	196388	45.911	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	563434	50.958	ug/l	98
20) Methylene Chloride	2.85	84	192536	47.028	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	184410	48.810	ug/l	98
22) Diisopropyl ether	3.84	45	625127	50.857	ug/l	98
23) Vinyl Acetate	3.80	43	2647949	262.067	ug/l	100
24) 1,1-Dichloroethane	3.69	63	337035	49.403	ug/l	99
25) 2-Butanone	4.65	43	621925	242.834	ug/l	99
26) 2,2-Dichloropropane	4.58	77	258825	47.791	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	210801	49.734	ug/l	100
28) Bromochloromethane	5.01	49	159085	51.210	ug/l	96
29) Tetrahydrofuran	5.11	42	409746	248.192	ug/l	99
30) Chloroform	5.20	83	333312	50.128	ug/l	98
31) Cyclohexane	5.58	56	304202	49.991	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	279382	50.687	ug/l	99
36) 1,1-Dichloropropene	5.79	75	250662	48.289	ug/l	99
37) Ethyl Acetate	4.82	43	254735	52.904	ug/l	99
38) Carbon Tetrachloride	5.78	117	242360	49.464	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	301275	49.705	ug/l	100
40) Benzene	6.14	78	763558	49.580	ug/l	99
41) Methacrylonitrile	5.03	41	143013	49.448	ug/l	98
42) 1,2-Dichloroethane	6.19	62	270578	51.161	ug/l	98
43) Isopropyl Acetate	6.44	43	424852	50.156	ug/l	100
44) Trichloroethene	7.21	130	208275	48.561	ug/l	99
45) 1,2-Dichloropropane	7.51	63	198700	49.846	ug/l	100
46) Dibromomethane	7.65	93	129317	49.787	ug/l	99
47) Bromodichloromethane	7.89	83	262503	51.107	ug/l	99
48) Methyl methacrylate	7.76	41	213520	49.526	ug/l	98
49) 1,4-Dioxane	7.73	88	74287	796.953	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1296723	258.914	ug/l	100
52) Toluene	8.78	92	482106	51.198	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	285943	52.303	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	317195	51.321	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	193552	49.939	ug/l	97
56) Ethyl methacrylate	9.17	69	296707	53.671	ug/l	100
57) 1,3-Dichloropropane	9.37	76	327811	50.274	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	781691	259.554	ug/l	100
59) 2-Hexanone	9.48	43	965000	259.962	ug/l	100
60) Dibromochloromethane	9.58	129	212472	52.187	ug/l	98
61) 1,2-Dibromoethane	9.67	107	203890	50.085	ug/l	99
64) Tetrachloroethene	9.33	164	204608	46.633	ug/l	98
65) Chlorobenzene	10.14	112	527186	49.482	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	192265	47.859	ug/l	99
67) Ethyl Benzene	10.25	91	922196	50.974	ug/l	100
68) m/p-Xylenes	10.36	106	705830	102.544	ug/l	98
69) o-Xylene	10.70	106	338167	51.314	ug/l	100
70) Styrene	10.71	104	588966	52.123	ug/l	100
71) Bromoform	10.85	173	155293	49.849	ug/l #	99
73) Isopropylbenzene	11.01	105	907988	49.499	ug/l	100
74) N-amyl acetate	10.89	43	382018	49.416	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	287392	47.011	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	233512m	40.768	ug/l	
77) Bromobenzene	11.25	156	238742	46.701	ug/l	99
78) n-propylbenzene	11.35	91	1048005	50.008	ug/l	100
79) 2-Chlorotoluene	11.42	91	608540	48.624	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	757233	49.589	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	92511	45.837	ug/l	98
82) 4-Chlorotoluene	11.51	91	715359	48.381	ug/l	100
83) tert-Butylbenzene	11.76	119	738311	50.003	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	765325	49.889	ug/l	100
85) sec-Butylbenzene	11.94	105	881596	49.461	ug/l	100
86) p-Isopropyltoluene	12.06	119	819244	49.888	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	421819	46.937	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	433673	46.741	ug/l	99
89) n-Butylbenzene	12.39	91	731708	50.098	ug/l	100
90) Hexachloroethane	12.59	117	142790	45.993	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	423509	47.400	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	59102	48.280	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	304462	49.091	ug/l	99
94) Hexachlorobutadiene	13.78	225	143848	45.199	ug/l	99
95) Naphthalene	13.83	128	868049	45.792	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	302802	48.934	ug/l	99

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

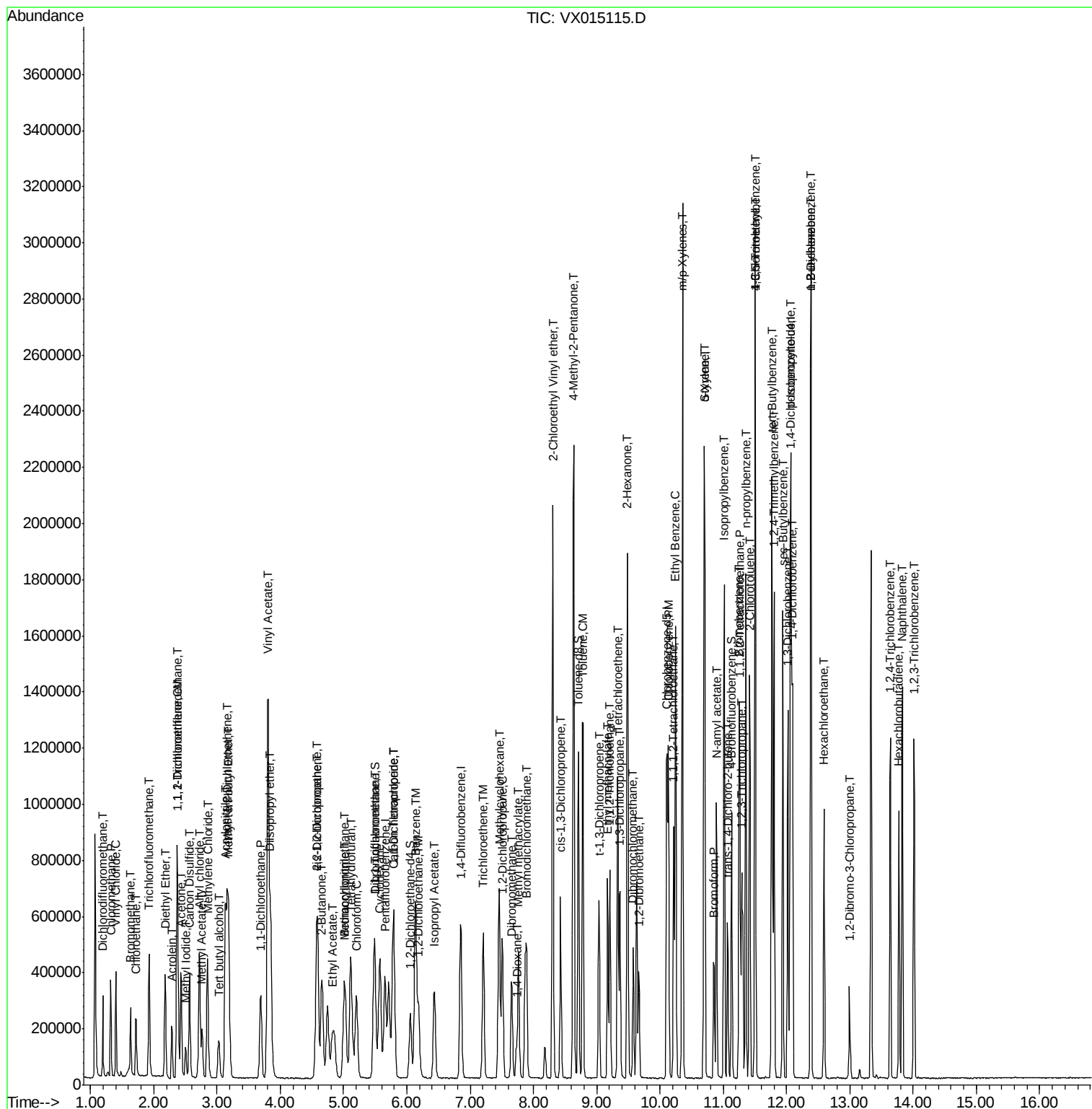
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 Data File : VX015115.D
 Acq On : 05 Mar 2020 17:49
 Operator : JC/SP
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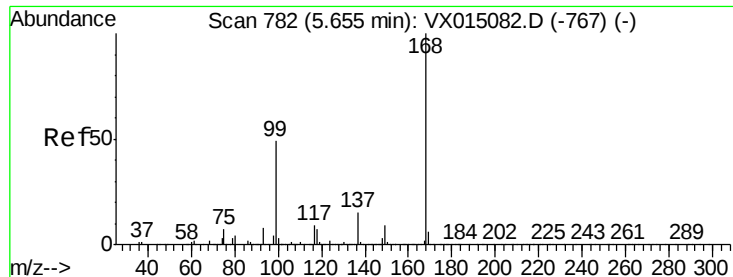
Instrument :
 MSVOA_X
 ClientSampleID :
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#1

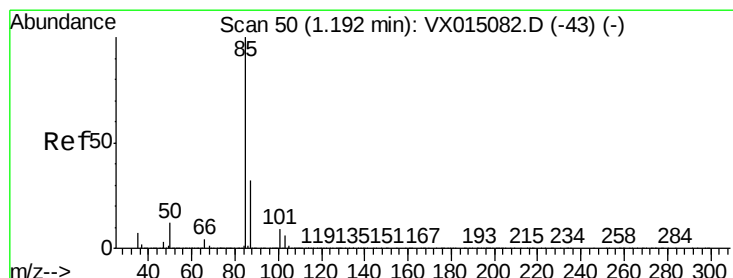
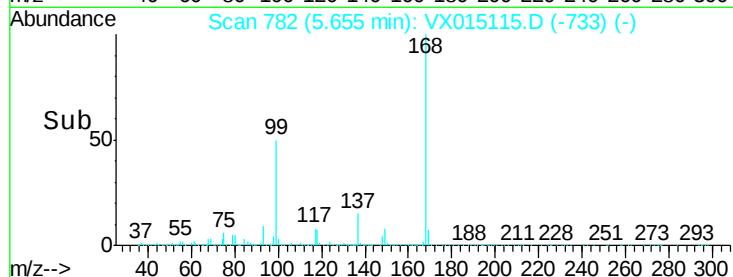
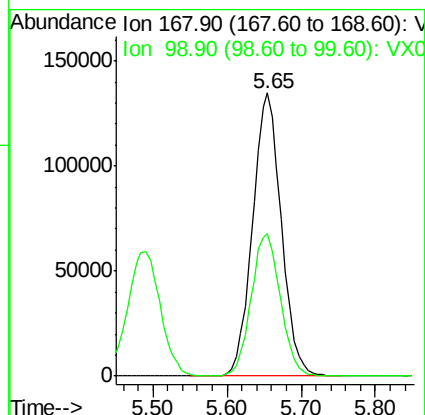
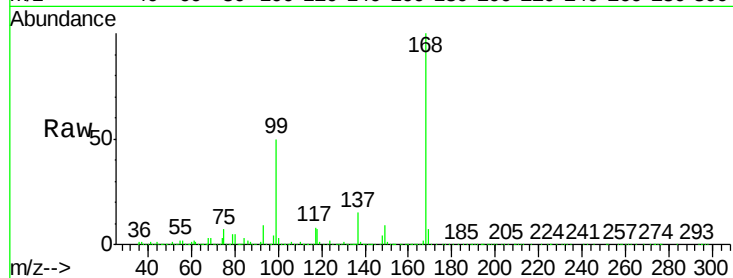
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: VX015115.D
 Acq: 05 Mar 2020 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.0	39.4	59.2

Manual Integrations
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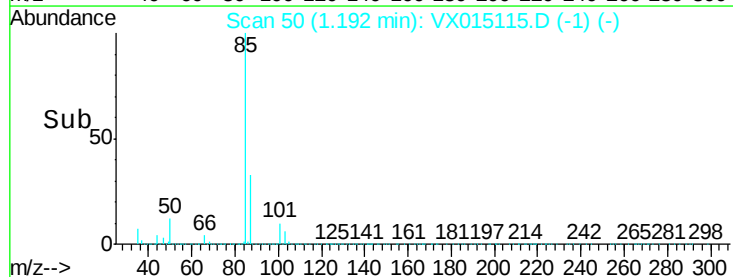
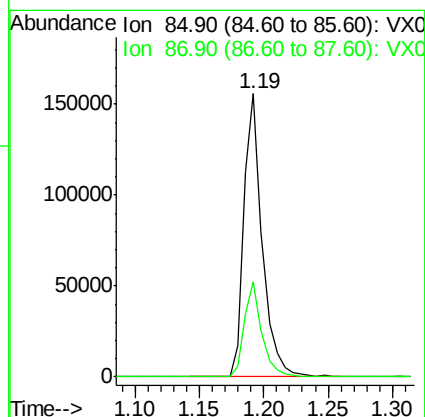
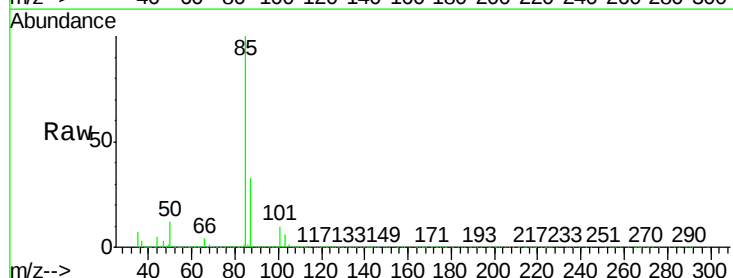
MMDadoda
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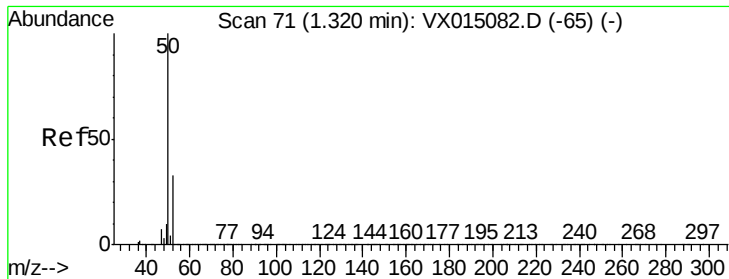


#2

Dichlorodifluoromethane
 Concen: 47.973 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX015115.D
 Acq: 05 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.4	16.2	48.5





#3

Chloromethane

Concen: 46.200 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 208660

Ion Ratio Lower Upper

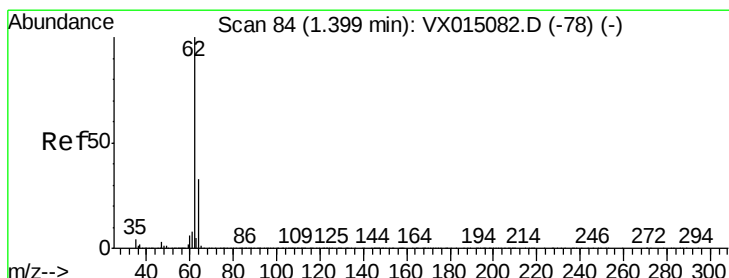
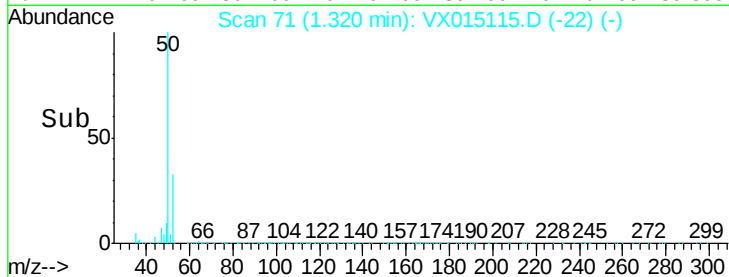
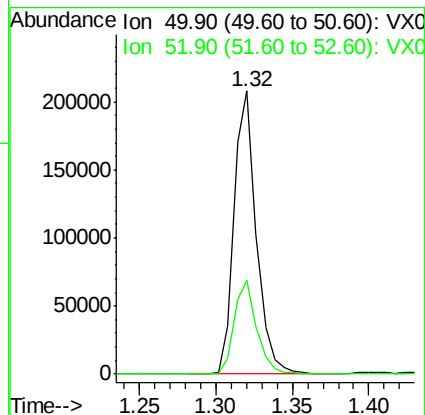
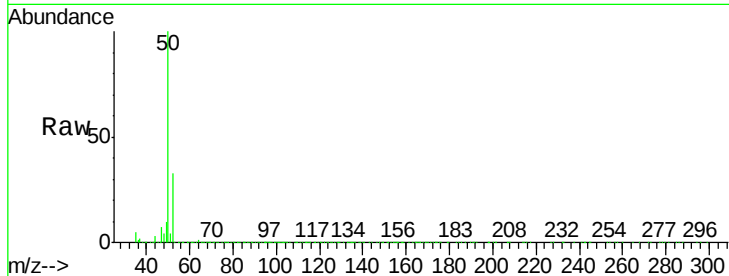
50 100

52 33.0 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 48.795 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015115.D

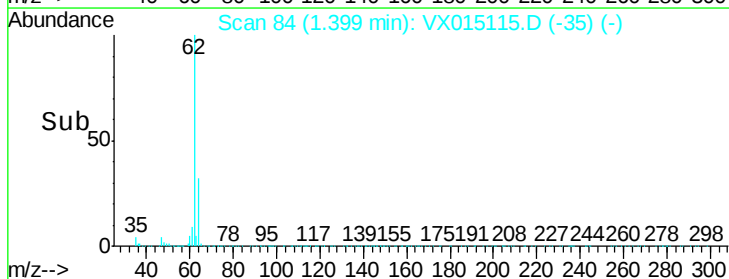
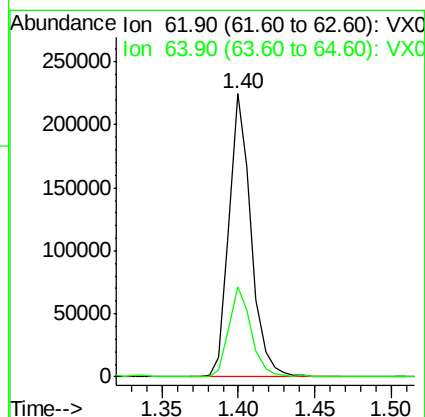
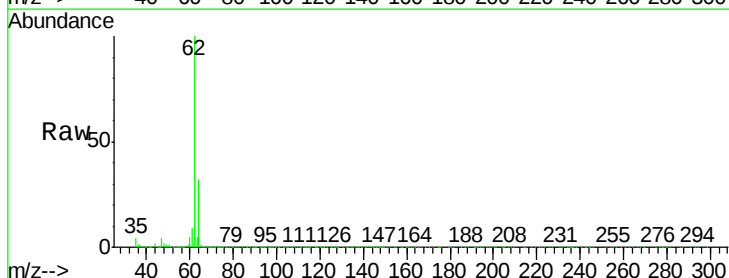
Acq: 05 Mar 2020 17:49

Tgt Ion: 62 Resp: 223466

Ion Ratio Lower Upper

62 100

64 31.6 26.1 39.1





#5

Bromomethane

Concen: 40.281 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 113412

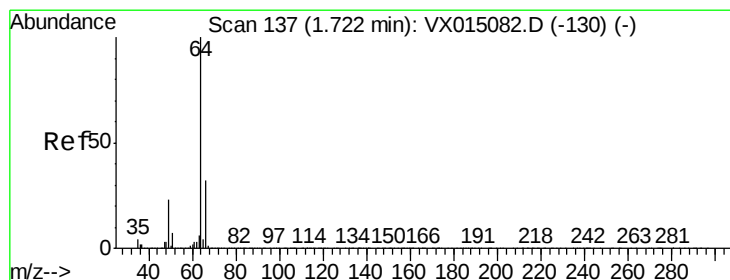
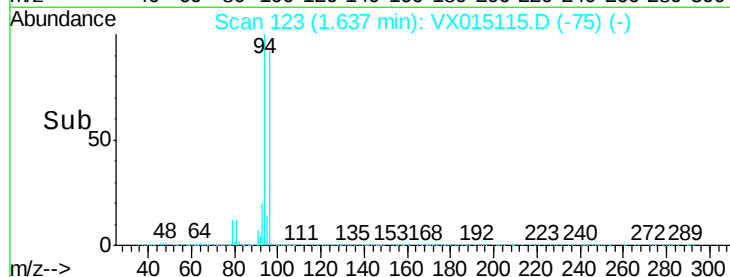
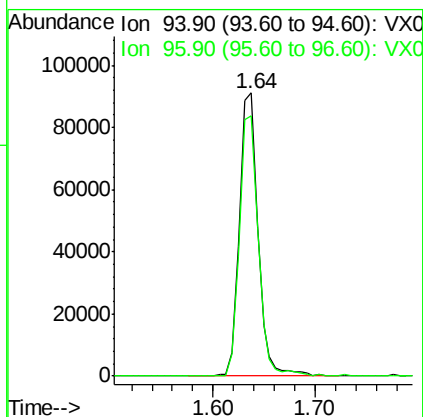
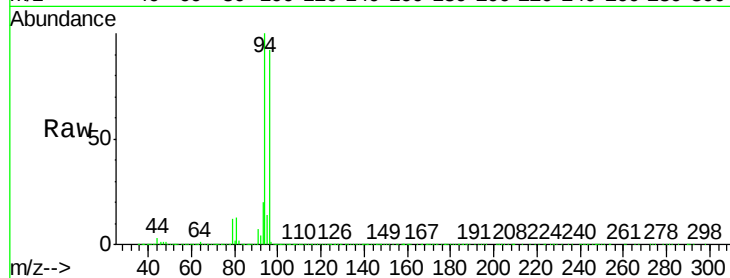
Ion Ratio Lower Upper

94 100

96 91.9 74.6 111.8

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#6

Chloroethane

Concen: 53.167 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015115.D

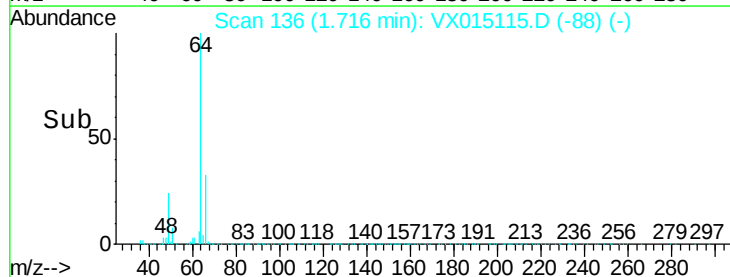
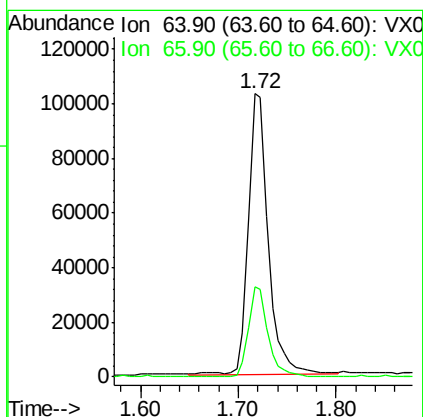
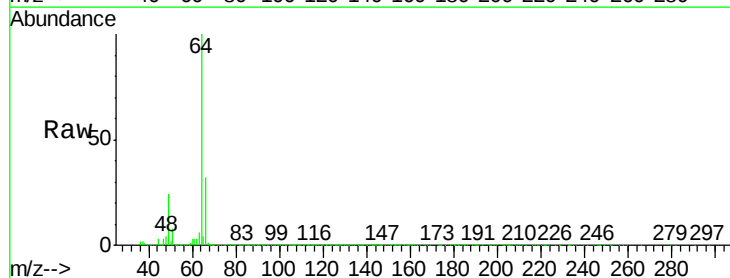
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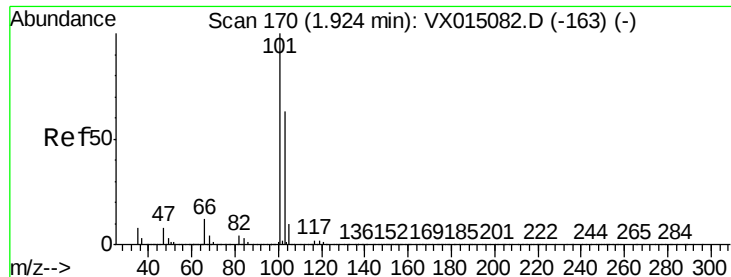
Tgt Ion: 64 Resp: 146059

Ion Ratio Lower Upper

64 100

66 32.0 25.8 38.8





#7

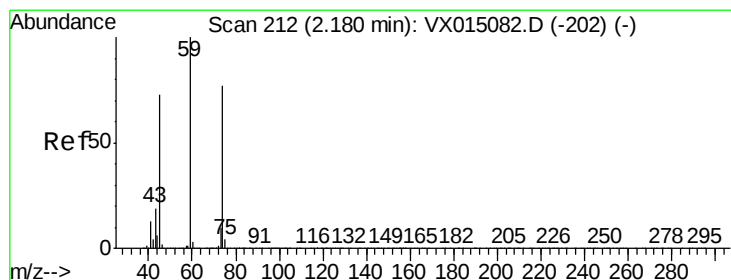
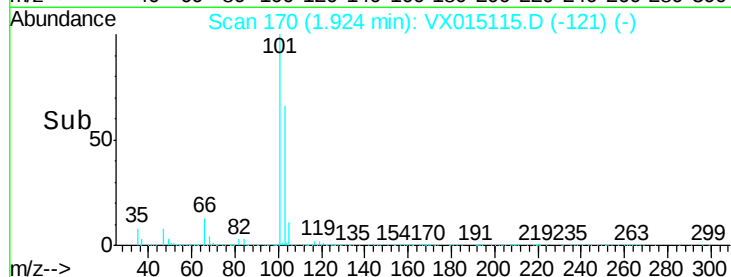
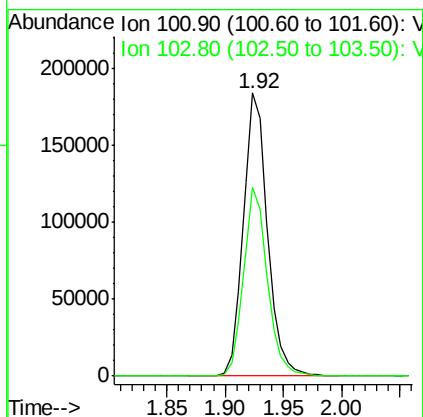
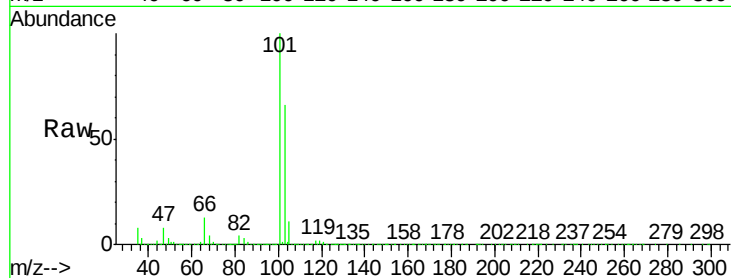
Trichlorofluoromethane
Concen: 49.113 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	50.4	75.6

Manual Integrations
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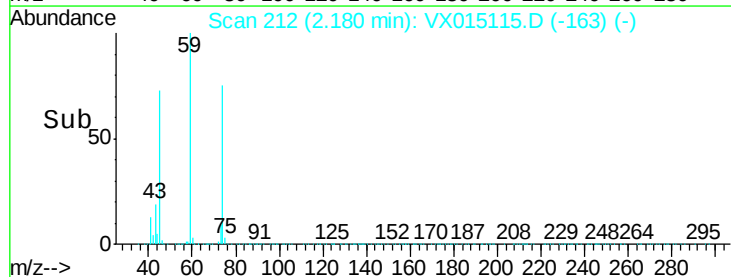
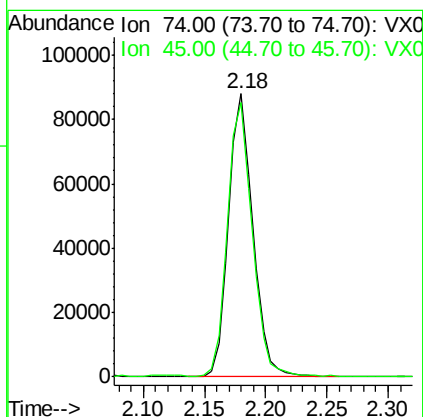
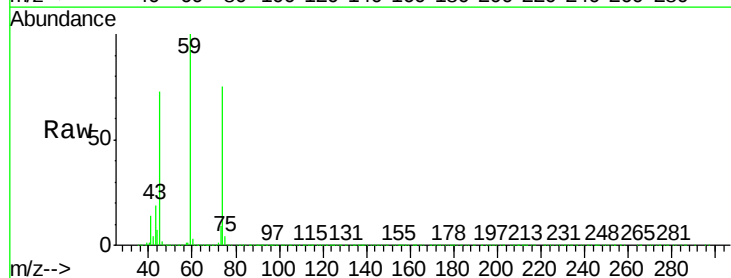
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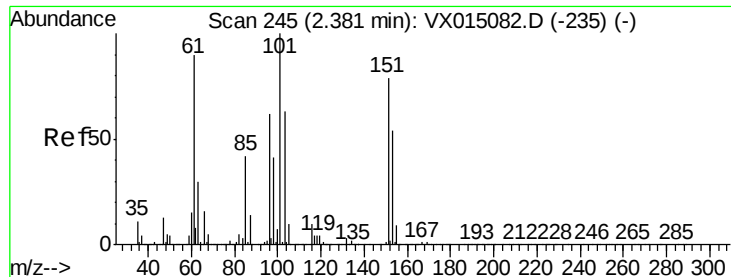


#8

Diethyl Ether
Concen: 48.797 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.1	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.402 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

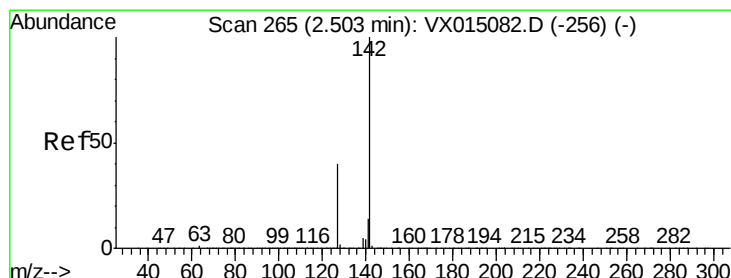
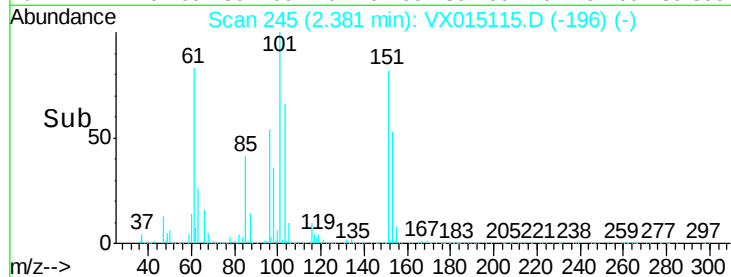
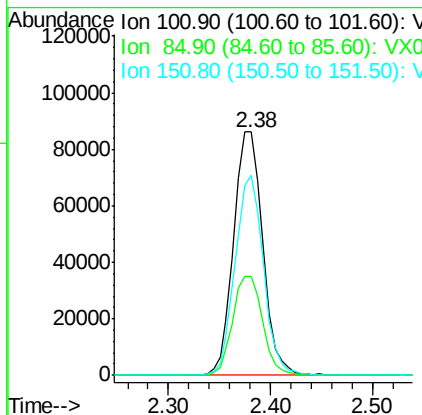
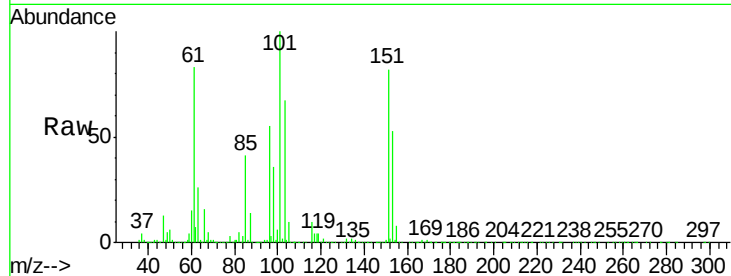
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	169373
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.7	50.5
151	80.5	64.0	96.0

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#10

Methyl Iodide

Concen: 29.046 ug/l

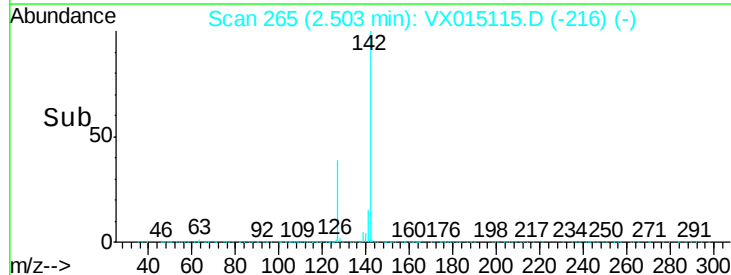
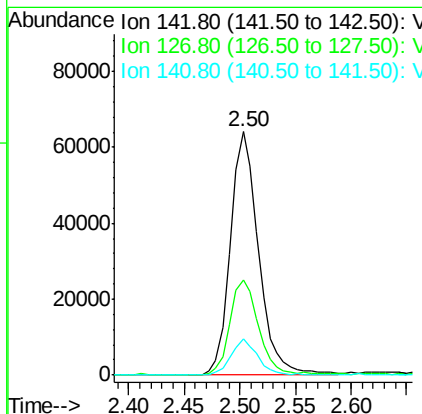
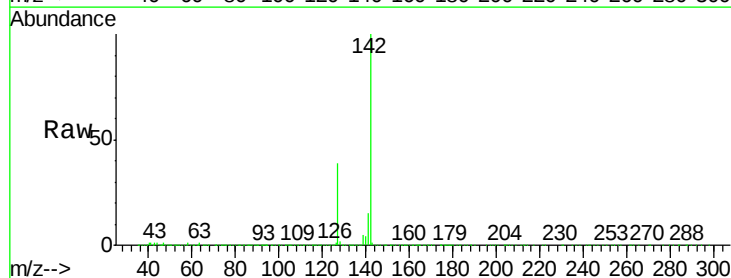
RT: 2.50 min Scan# 265

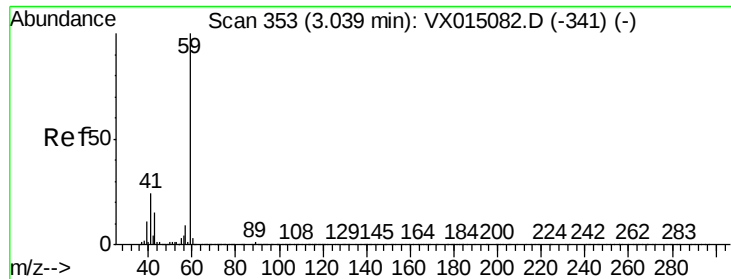
Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Tgt Ion:	142	Resp:	112507
Ion Ratio	Lower	Upper	
142	100		
127	40.5	31.7	47.5
141	14.6	11.3	16.9





#11

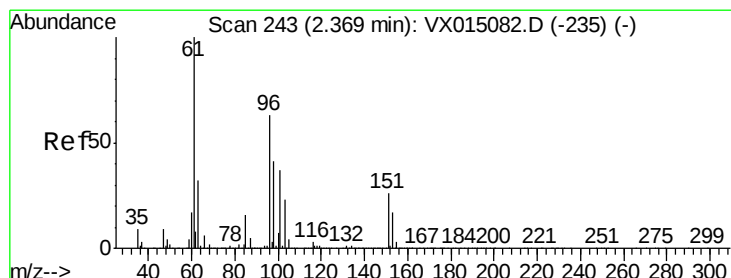
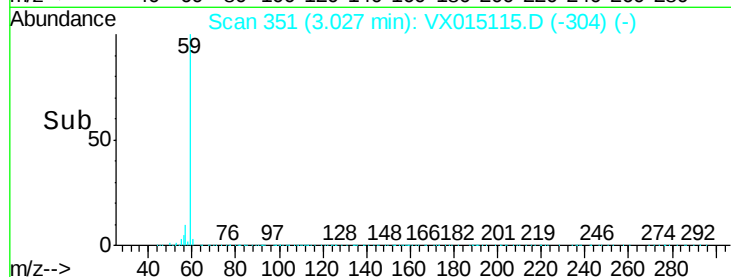
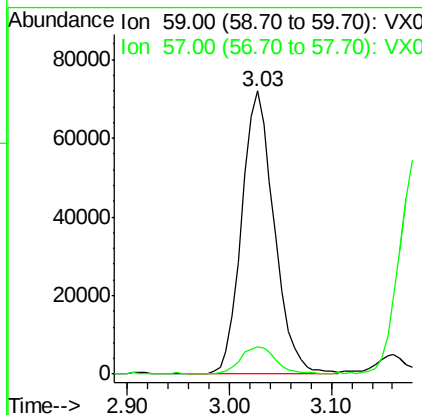
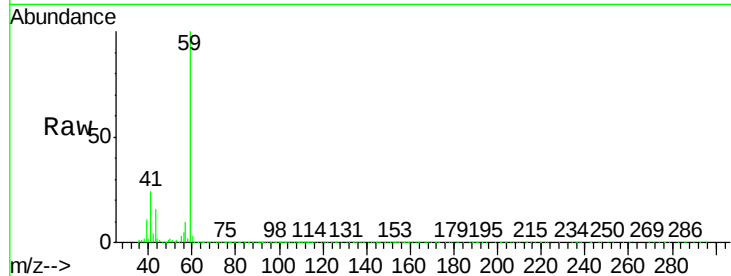
Tert butyl alcohol
Concen: 212.047 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

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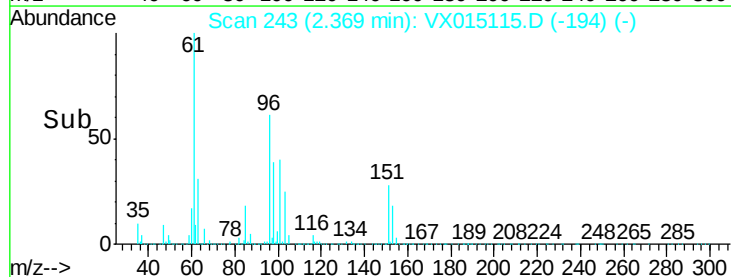
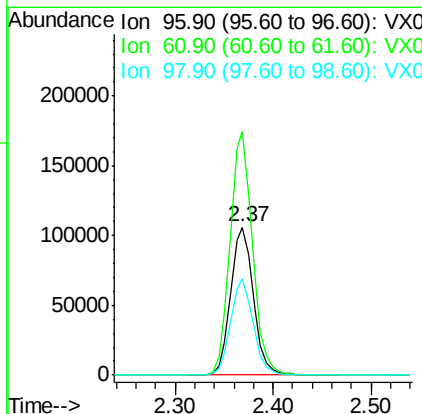
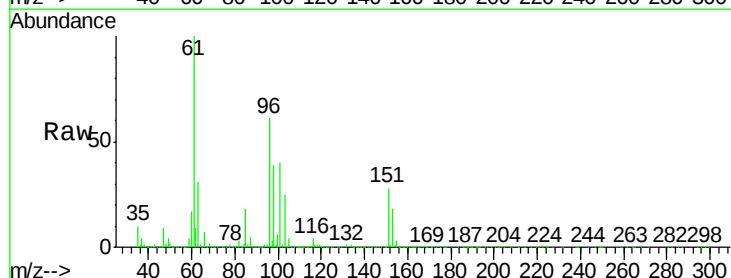
MMDadoda
3/6/2020 4:49:23 PM

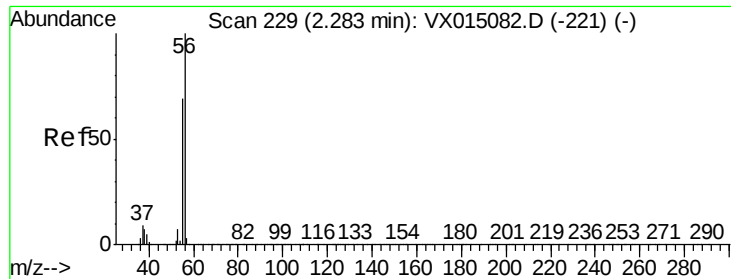


#12

1,1-Dichloroethene
Concen: 48.107 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.7	126.2	189.4
98	64.8	51.4	77.0





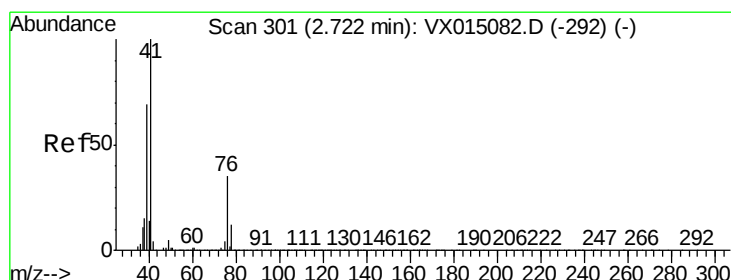
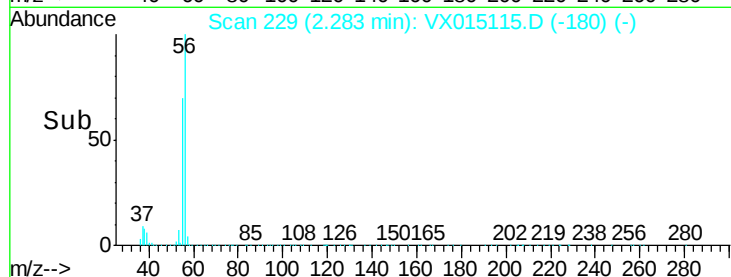
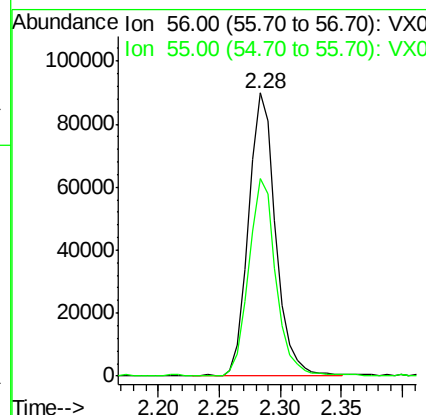
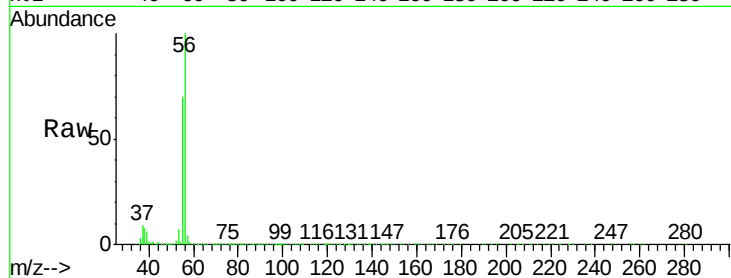
#13
Acrolein
Concen: 195.415 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	70.3	55.4	83.0	

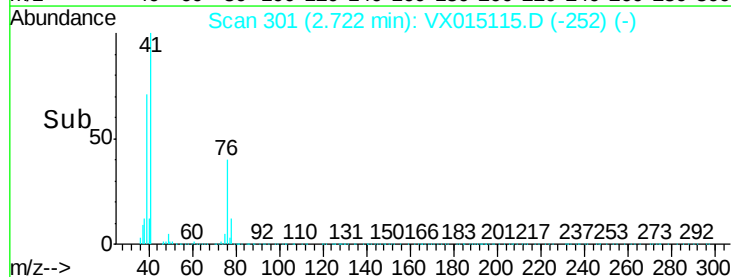
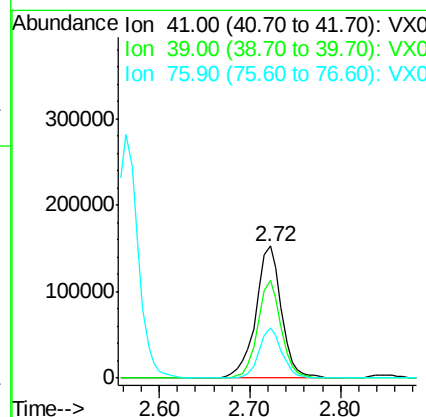
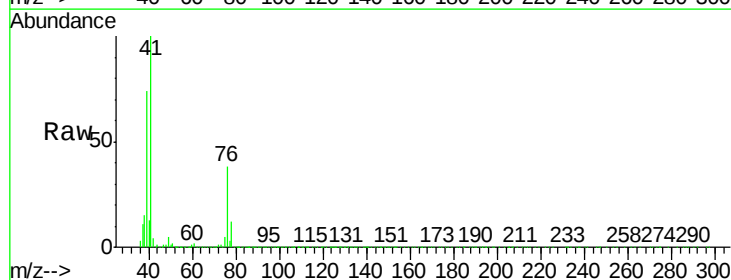
Manual Integrations
APPROVED

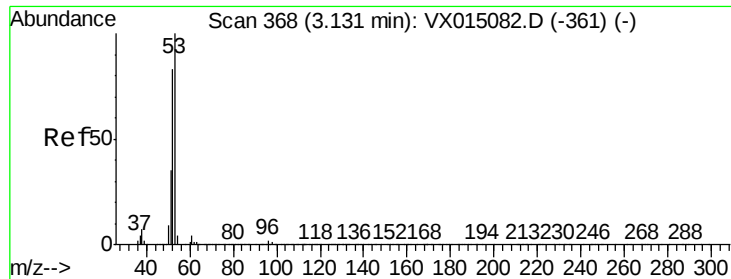
MMDadoda
3/6/2020 4:49:23 PM



#14
Allyl chloride
Concen: 48.359 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	67.2	52.9	79.3	
76	33.4	26.8	40.2	





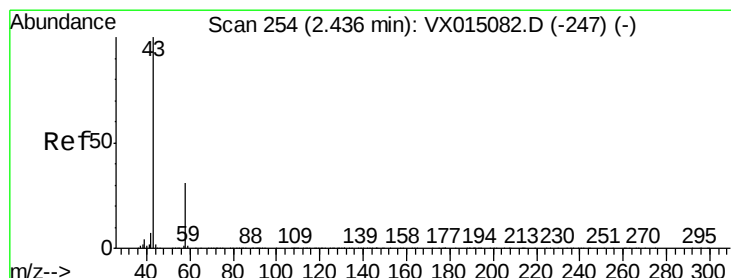
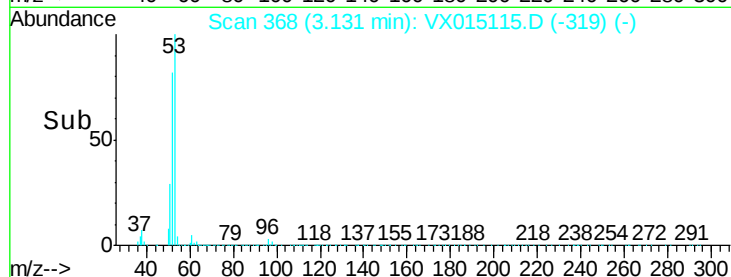
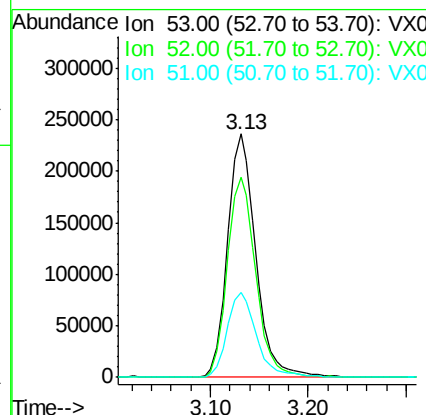
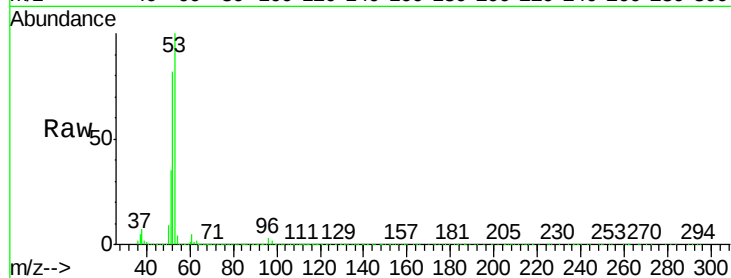
#15
Acrylonitrile
Concen: 251.625 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	83.2	66.6	100.0	
51	36.4	29.0	43.6	

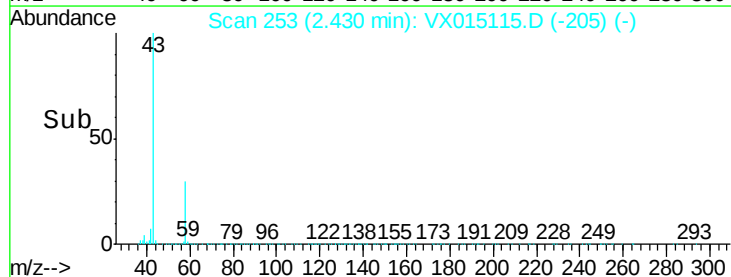
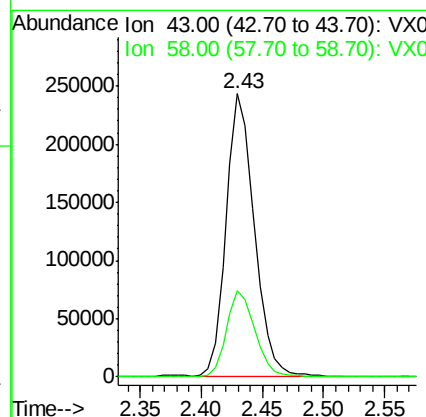
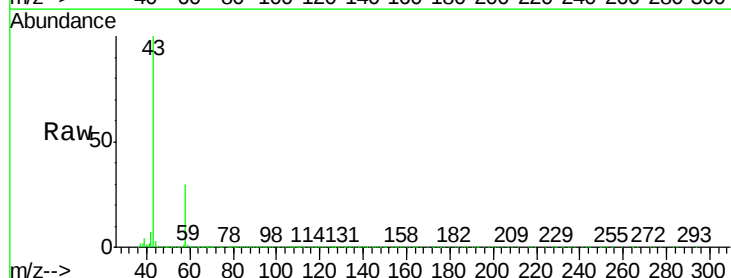
Manual Integrations
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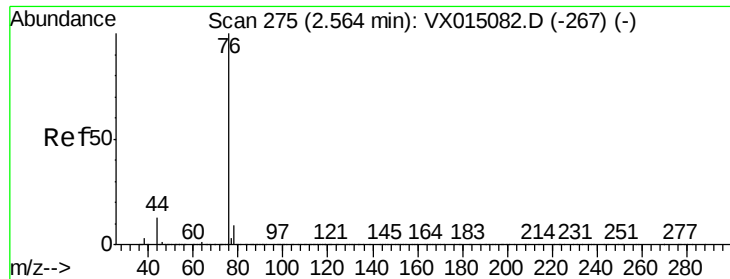
MMDadoda
3/6/2020 4:49:23 PM



#16
Acetone
Concen: 221.000 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	30.4	24.8	37.2	





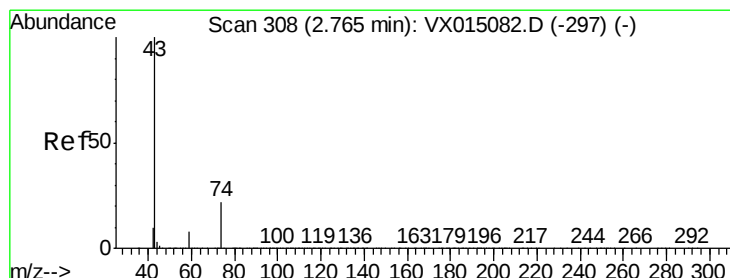
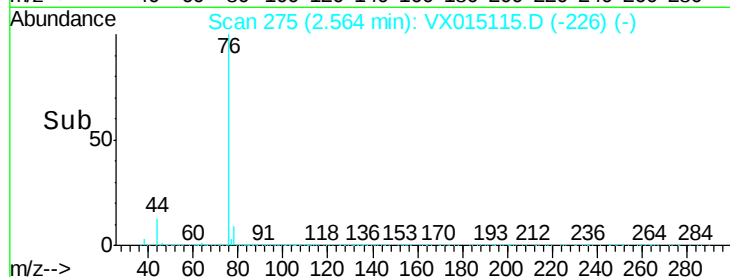
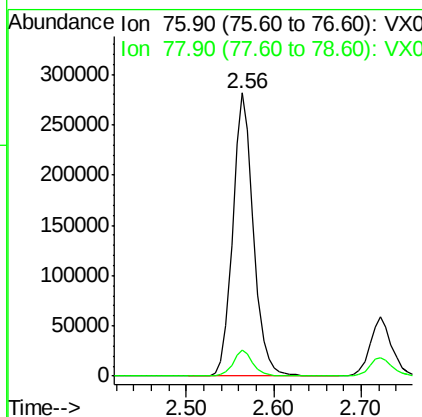
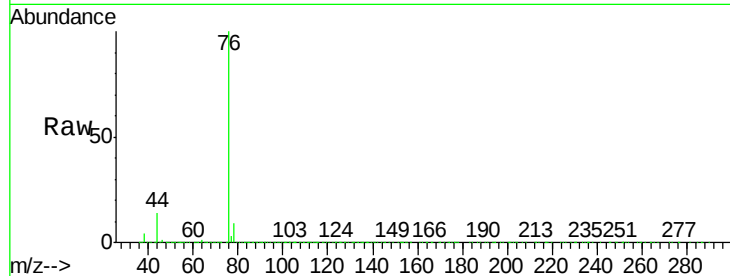
#17
Carbon Disulfide
Concen: 47.111 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

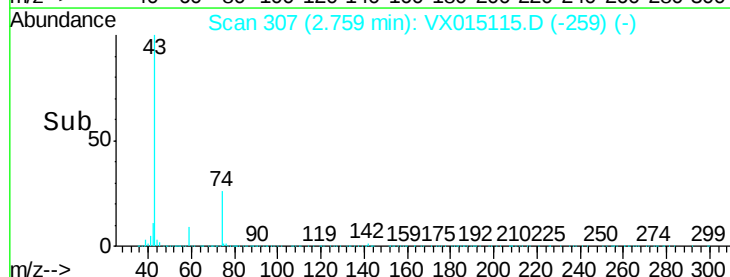
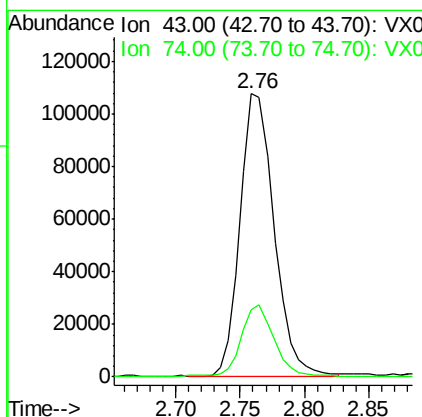
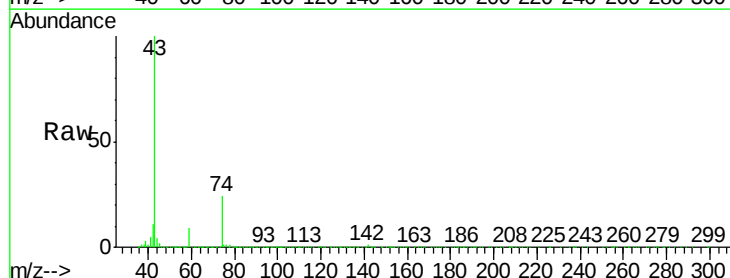
Manual Integrations
APPROVED

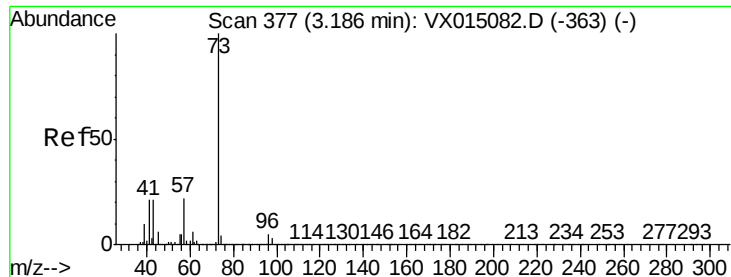
MMDadoda
3/6/2020 4:49:23 PM



#18
Methyl Acetate
Concen: 45.911 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.2	18.8	28.2





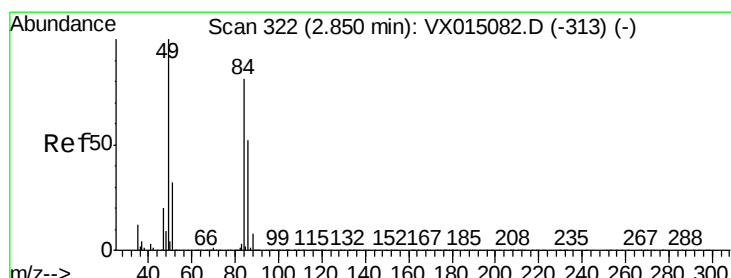
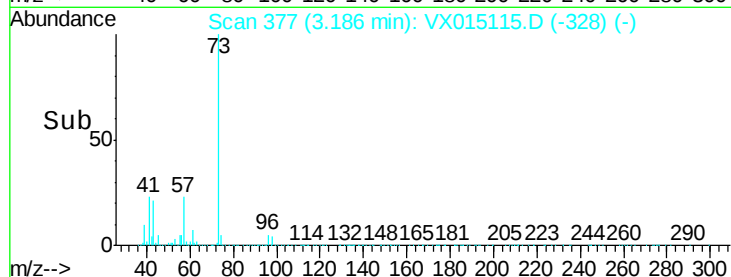
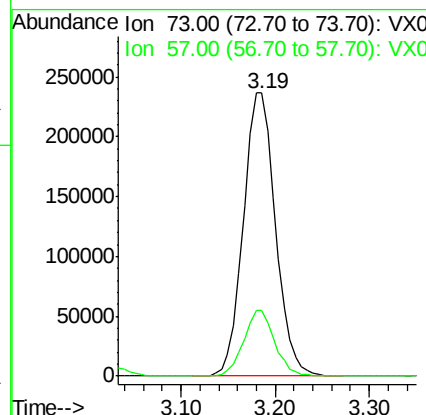
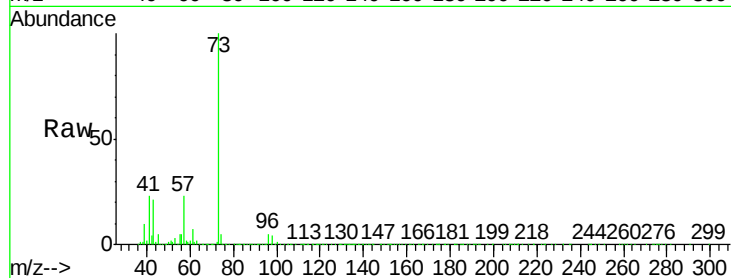
#19
Methvl tert-butvl Ether
Concen: 50.958 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	17.8	26.6

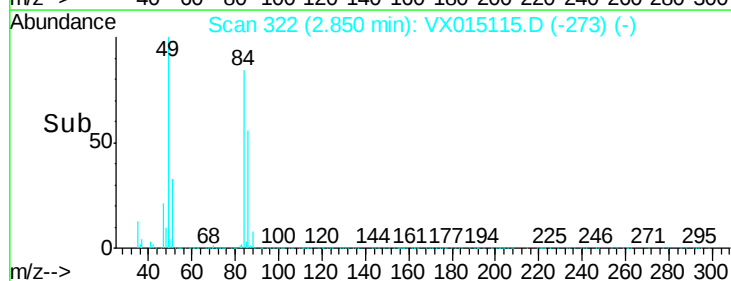
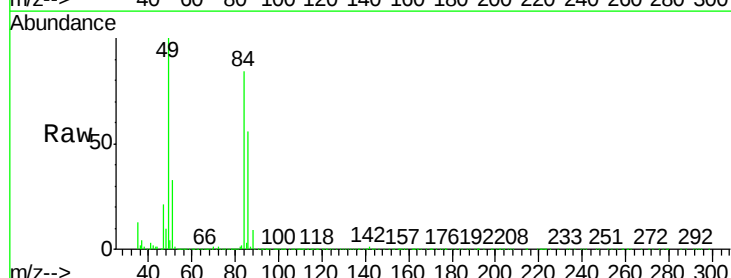
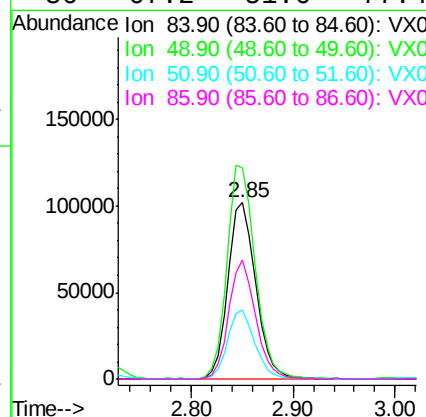
Manual Integrations
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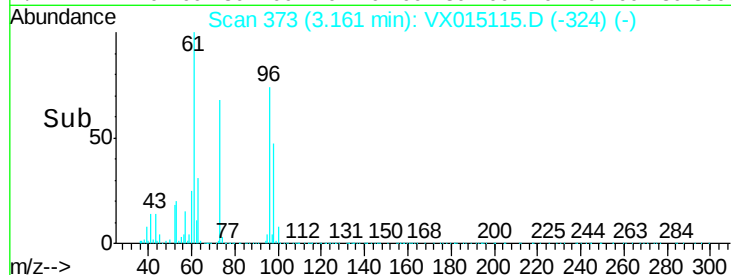
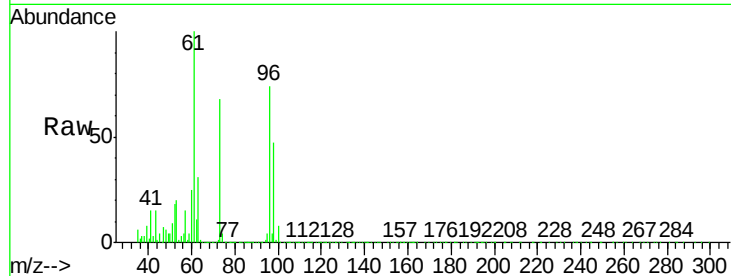
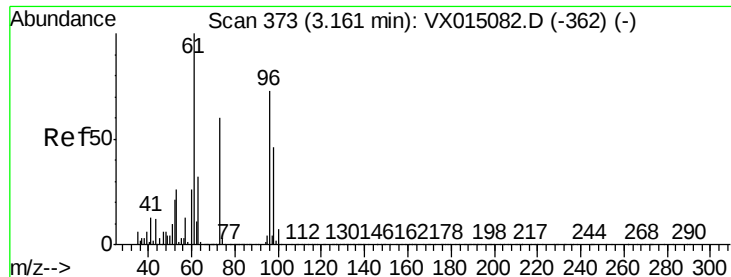
MMDadoda
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#20
Methylene Chloride
Concen: 47.028 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.8	99.4	149.2
51	39.1	31.5	47.3
86	67.2	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 48.810 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015115.D

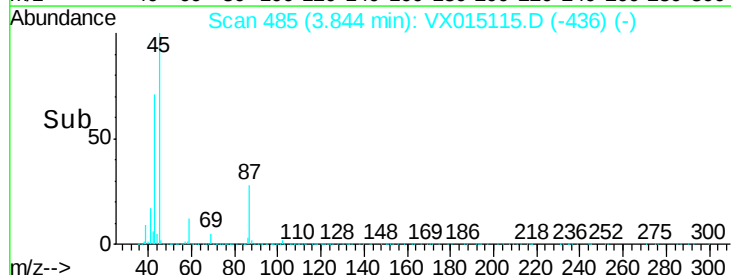
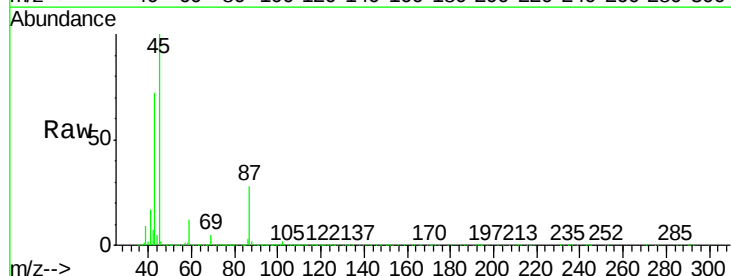
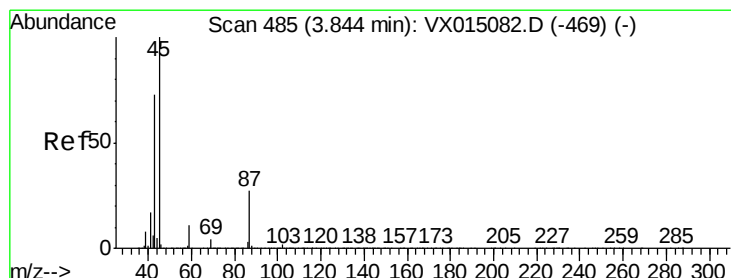
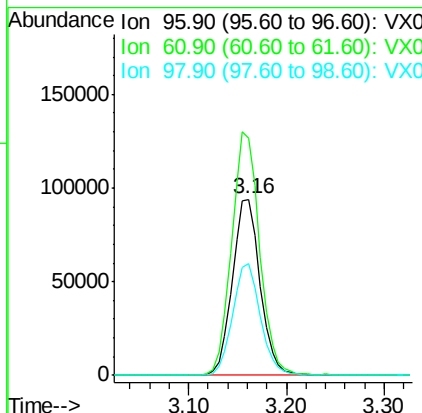
Acq: 05 Mar 2020 17:49

Tot Ion:	96	Resp:	184410
Ion	Ratio	Lower	Upper
96	100		
61	134.7	109.9	164.9
98	63.2	50.2	75.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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3/6/2020 4:49:23 PM



#22

Diisopropyl ether

Concen: 50.857 ug/l

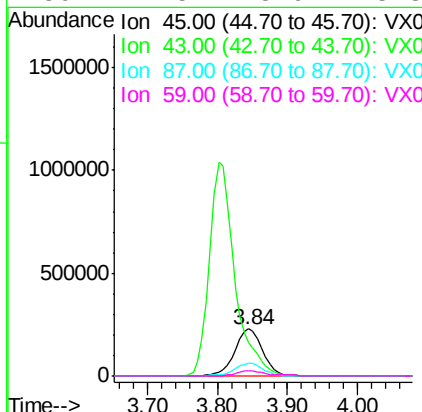
RT: 3.84 min Scan# 485

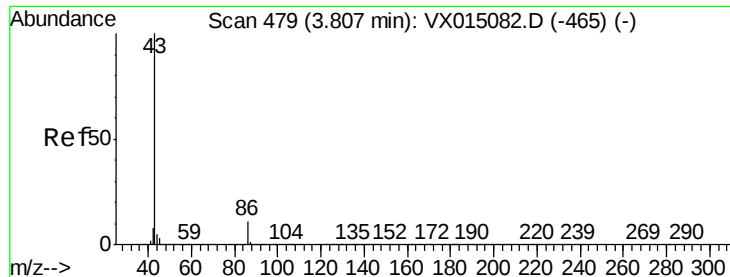
Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Tgt Ion:	45	Resp:	625127
Ion	Ratio	Lower	Upper
45	100		
43	71.1	58.2	87.2
87	27.9	21.2	31.8
59	11.5	8.9	13.3





#23

Vinyl Acetate

Concen: 262.067 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2647949

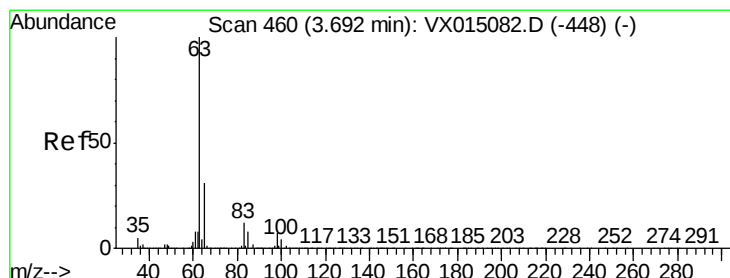
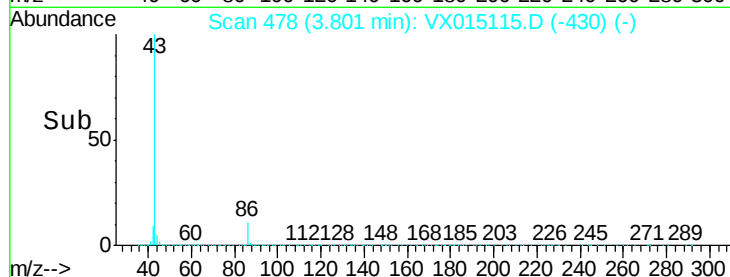
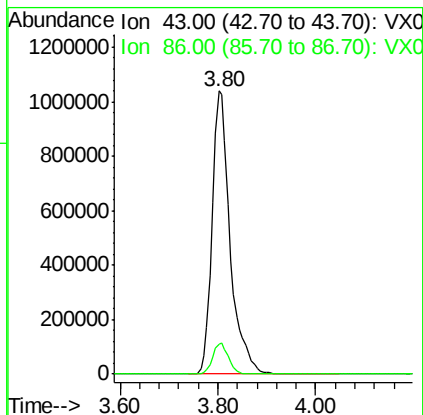
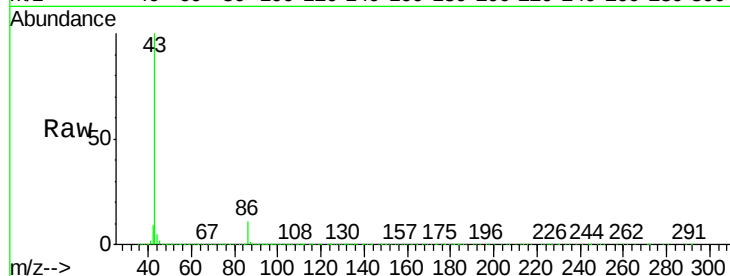
Ion Ratio Lower Upper

43 100

86 10.7 8.6 12.8

Manual Integrations
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3/6/2020 4:49:23 PM



#24

1,1-Dichloroethane

Concen: 49.403 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

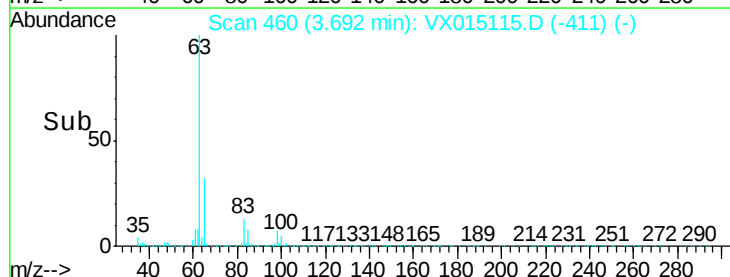
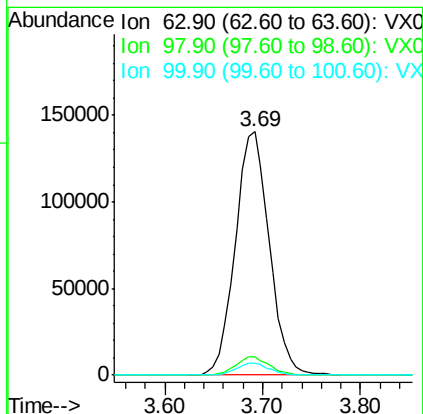
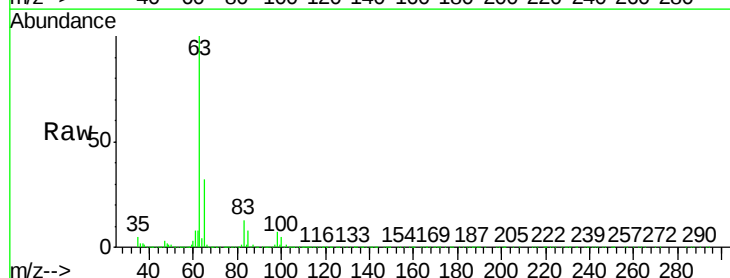
Tgt Ion: 63 Resp: 337035

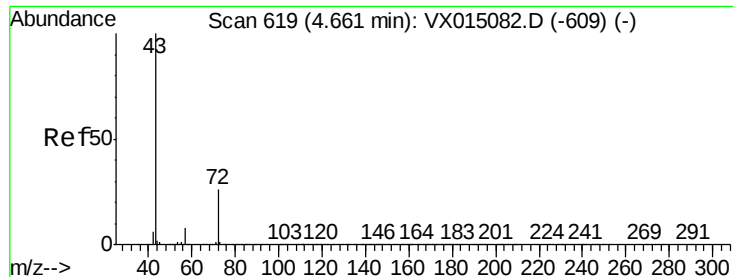
Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 5.0 2.1 6.5





#25

2-Butanone

Concen: 242.834 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 621925

Ion Ratio Lower Upper

43 100

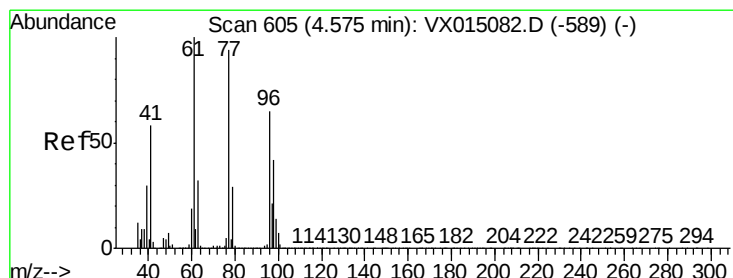
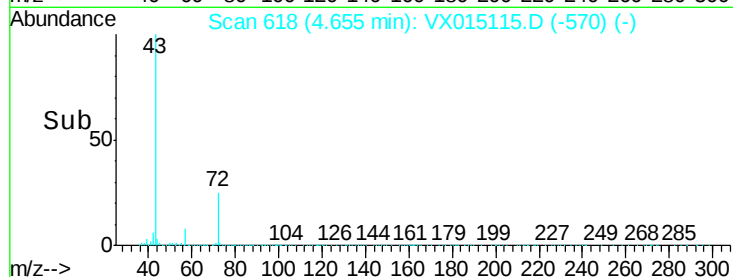
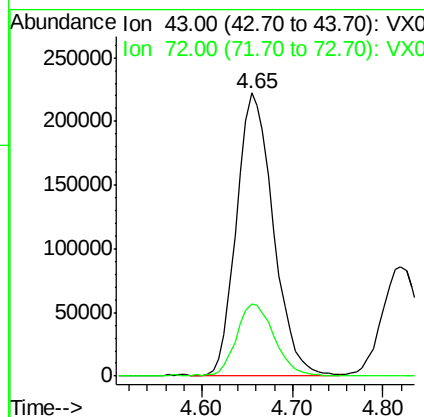
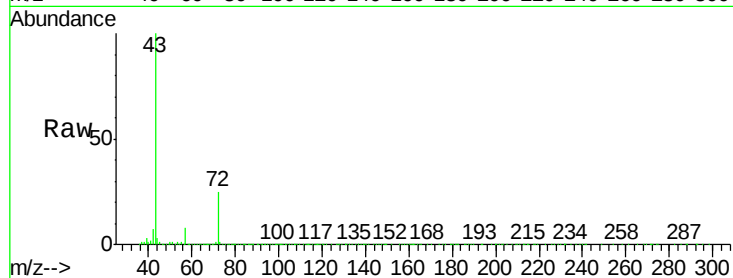
72 25.2 20.6 30.8

Manual Integrations

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3/6/2020 4:49:23 PM



#26

2,2-Dichloropropane

Concen: 47.791 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015115.D

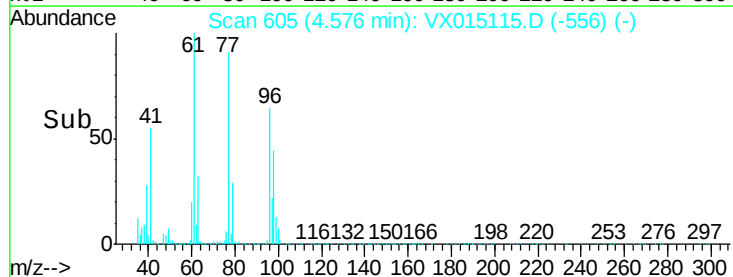
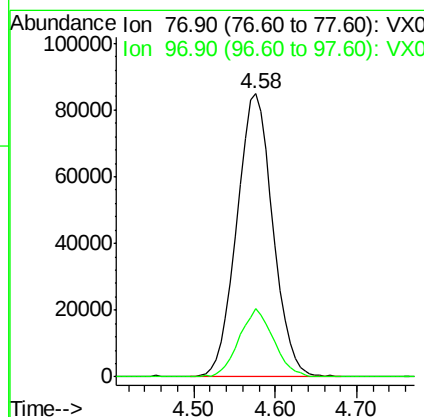
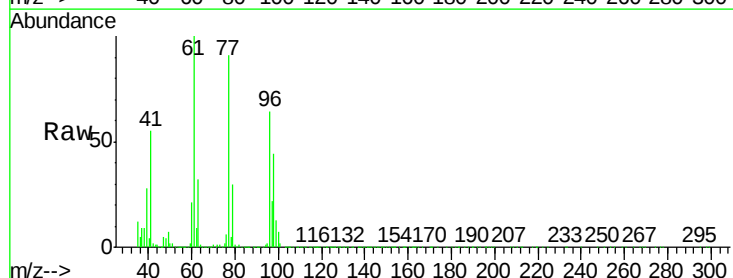
Acq: 05 Mar 2020 17:49

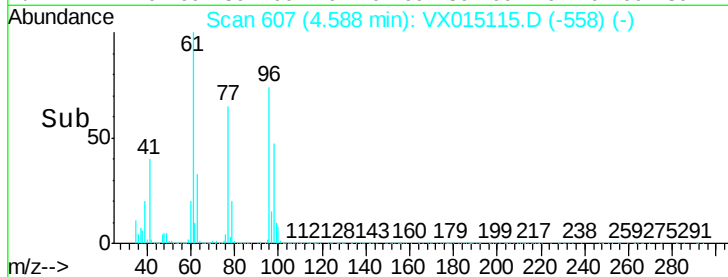
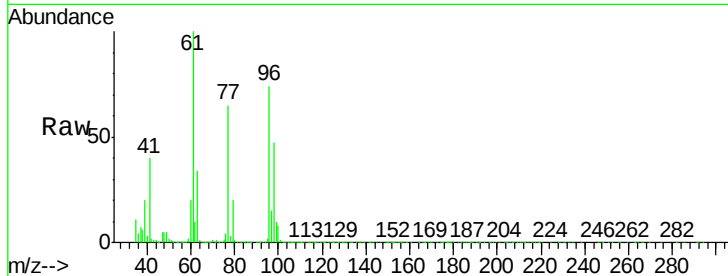
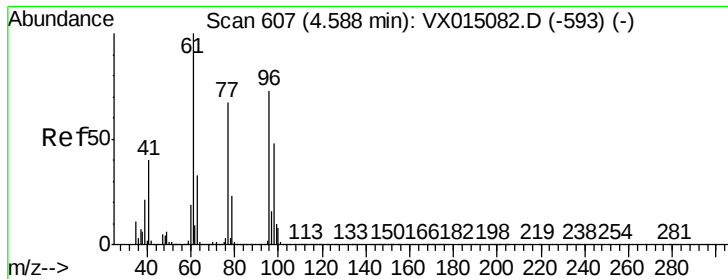
Tgt Ion: 77 Resp: 258825

Ion Ratio Lower Upper

77 100

97 23.3 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 49.734 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX015115.D

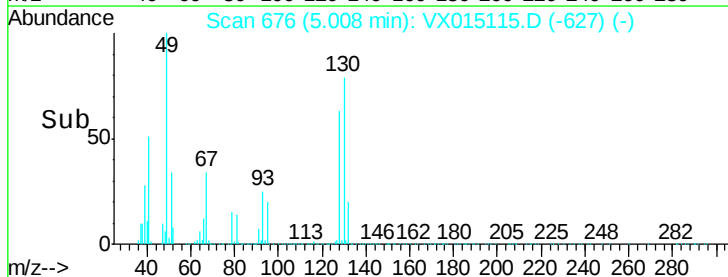
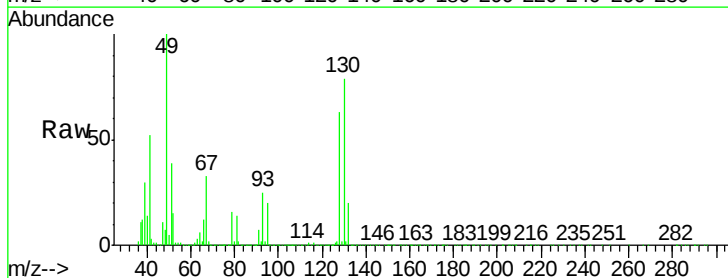
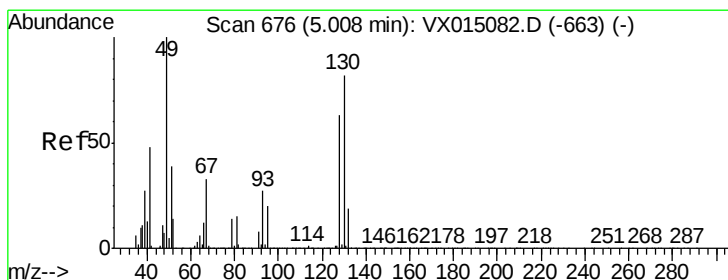
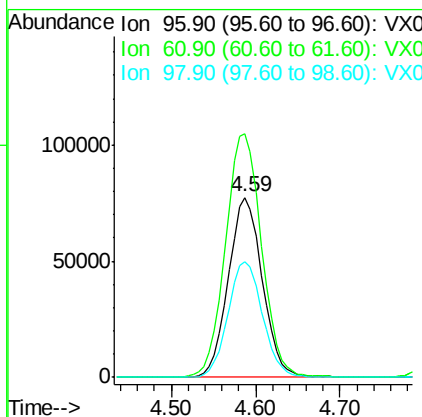
Acq: 05 Mar 2020 17:49

Tot Ion:	96	Resp:	210801
Ion Ratio	Lower	Upper	
96	100		
61	143.7	0.0	286.8
98	64.9	0.0	128.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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#28

Bromochloromethane

Concen: 51.210 ug/l

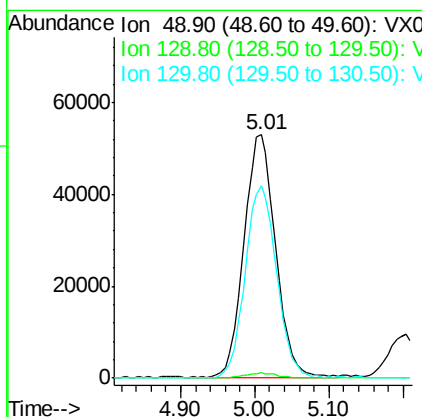
RT: 5.01 min Scan# 676

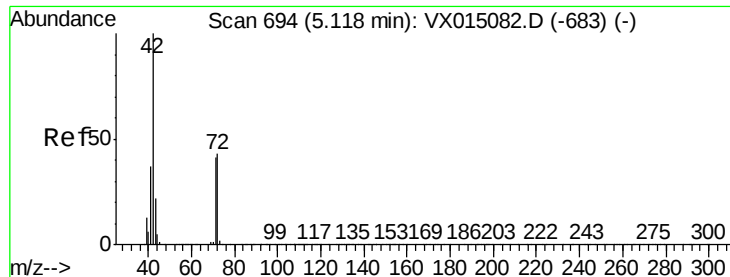
Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Tgt Ion:	49	Resp:	159085
Ion Ratio	Lower	Upper	
49	100		
129	2.4	0.0	4.4
130	77.8	65.0	97.6





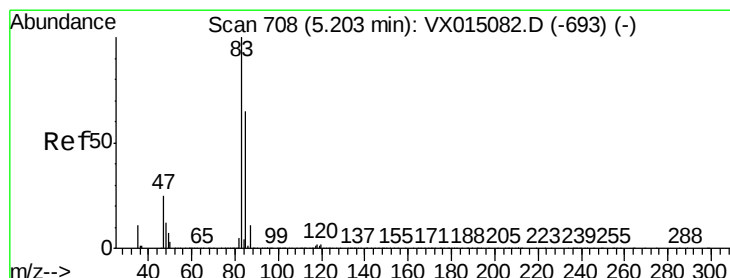
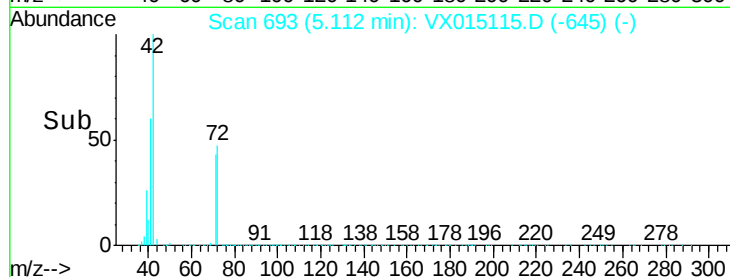
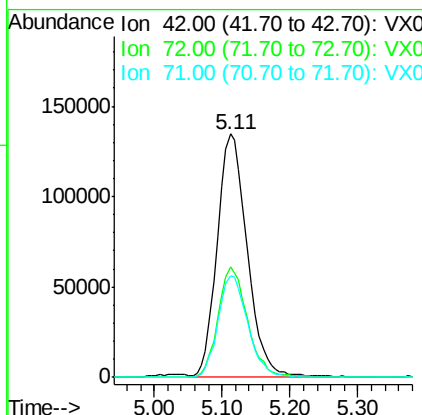
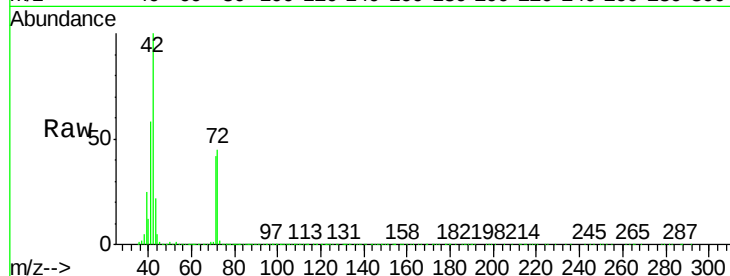
#29
Tetrahydrofuran
Concen: 248.192 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	36.4	54.6
71	41.1	33.3	49.9

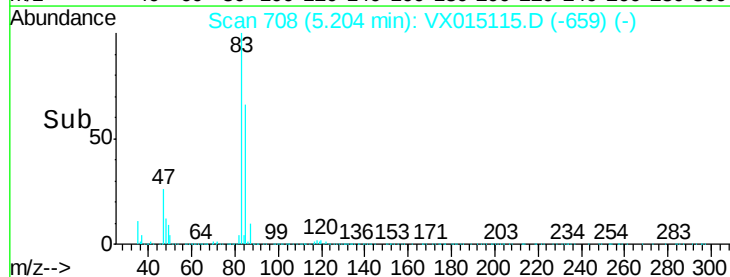
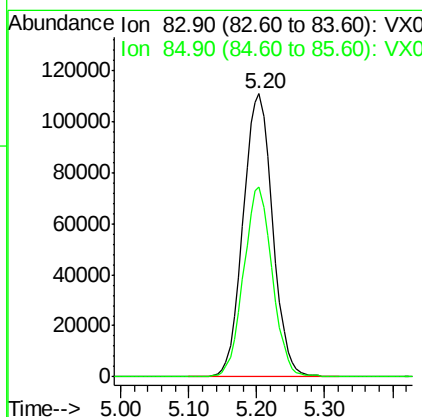
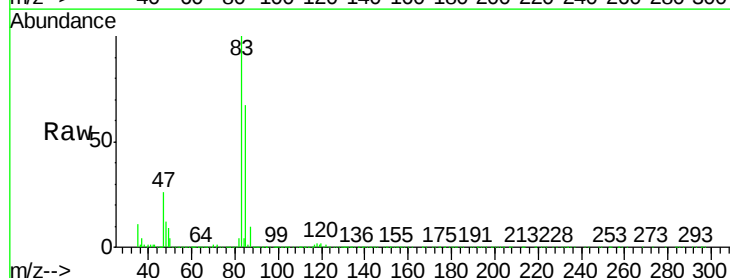
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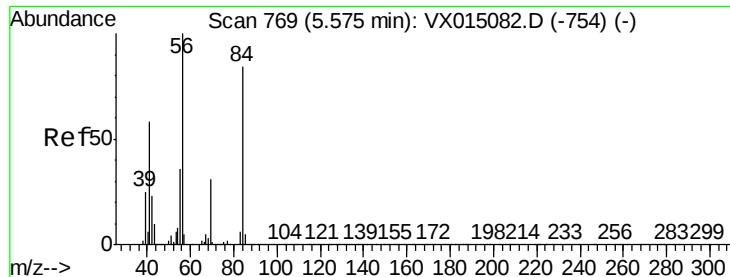
MMDadoda
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#30
Chloroform
Concen: 50.128 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	52.0	78.0





#31

Cyclohexane

Concen: 49.991 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

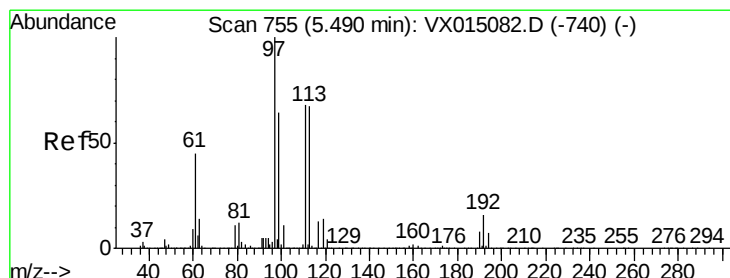
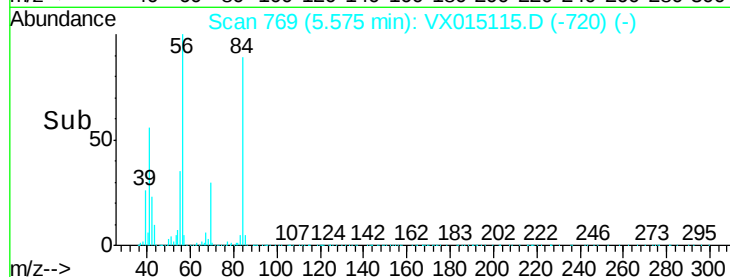
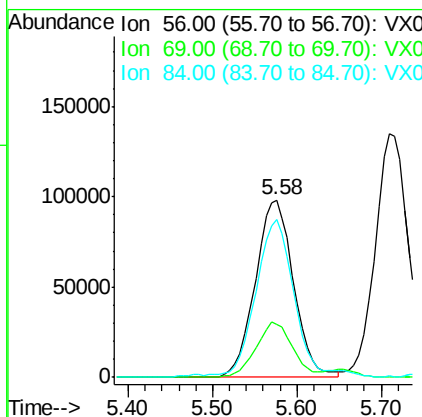
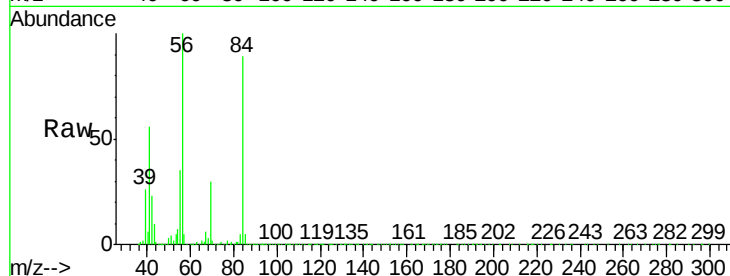
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	304202
Ion Ratio		Lower	Upper
56	100		
69	29.9	25.0	37.6
84	87.7	67.6	101.4

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#32

1,1,1-Trichloroethane

Concen: 50.687 ug/l

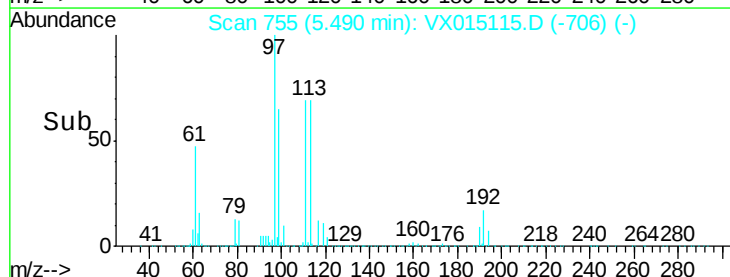
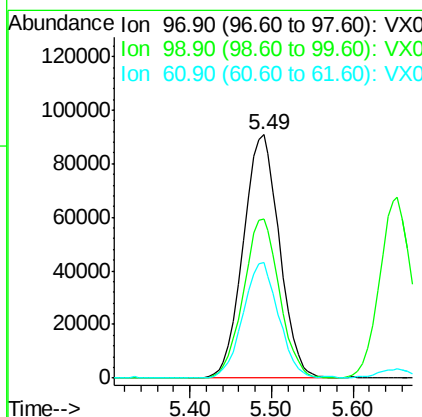
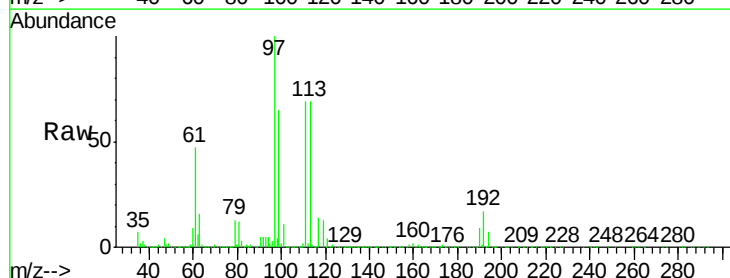
RT: 5.49 min Scan# 755

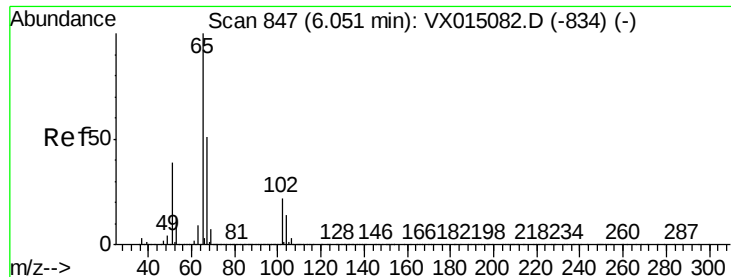
Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Tgt Ion:	97	Resp:	279382
Ion Ratio		Lower	Upper
97	100		
99	65.2	52.8	79.2
61	46.7	36.6	54.8





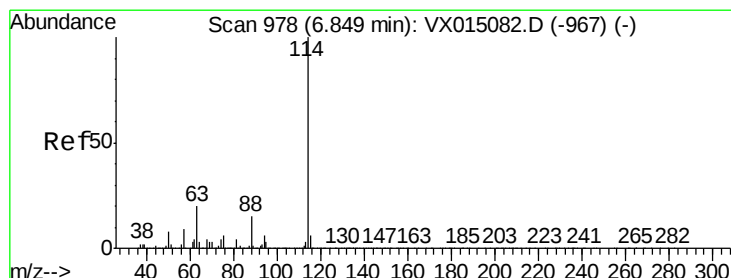
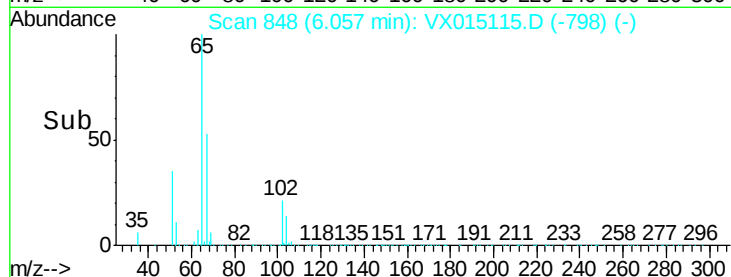
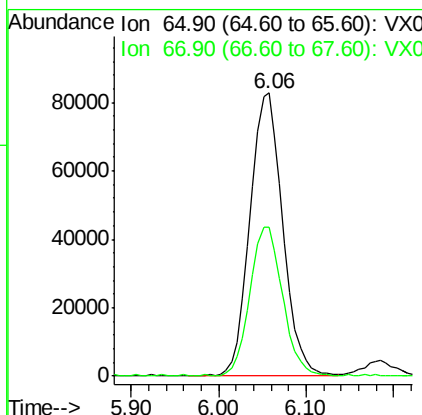
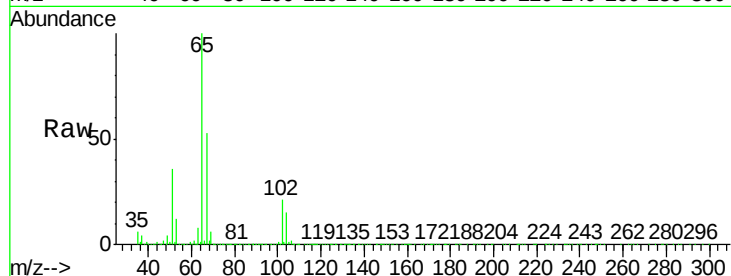
#33
 1,2-Dichloroethane-d4
 Concen: 49.770 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX015115.D
 Acq: 05 Mar 2020 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	214990		
67	52.8	0.0	105.6	

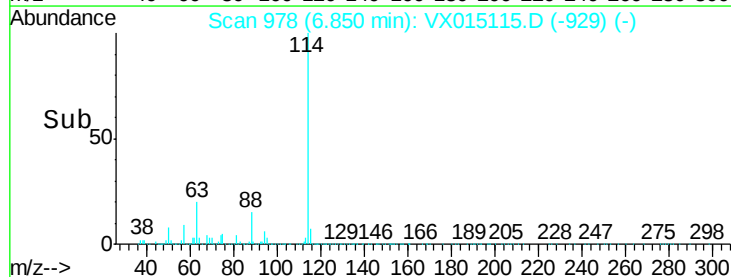
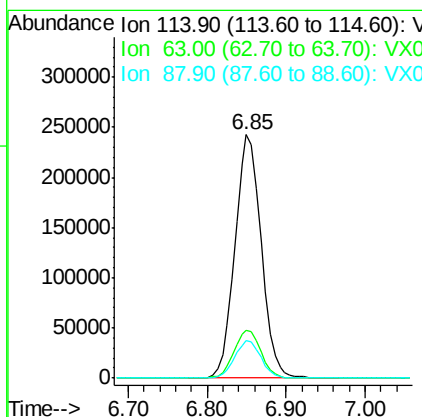
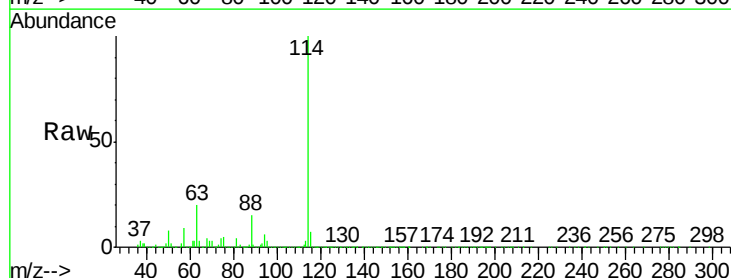
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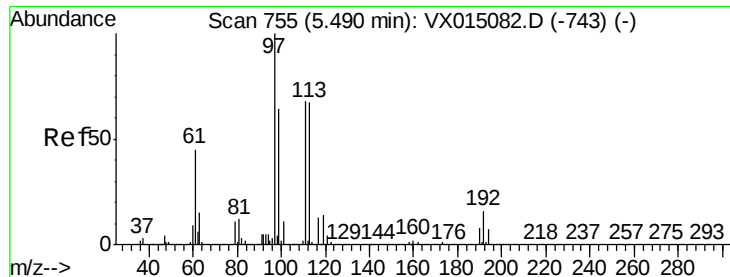
MMDadoda
 3/6/2020 4:49:23 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015115.D
 Acq: 05 Mar 2020 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	561501		
63	19.7	0.0	40.0	
88	15.3	0.0	30.6	





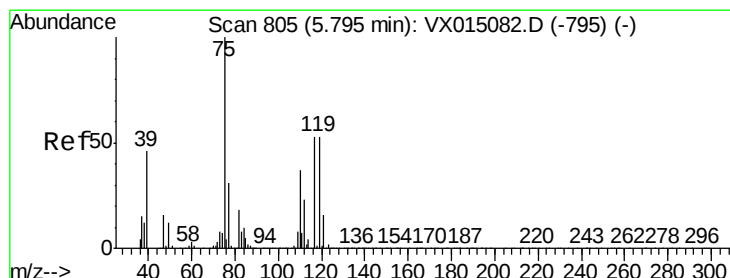
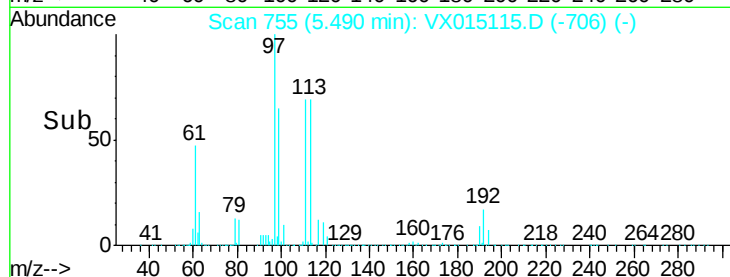
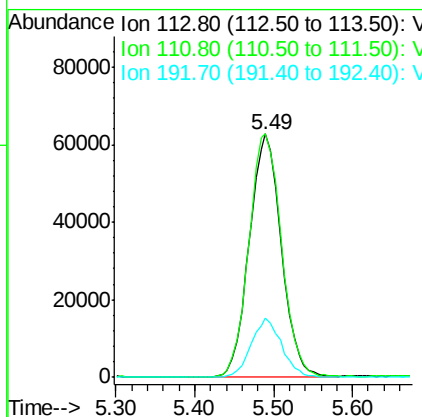
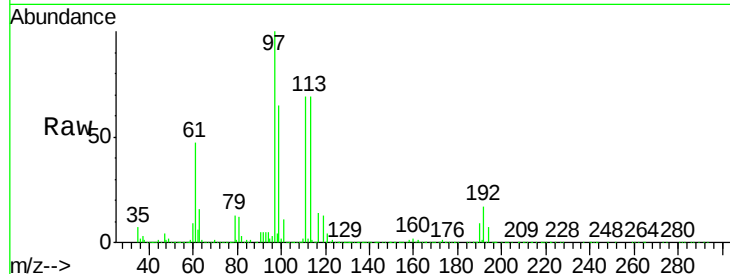
#35
 Dibromofluoromethane
 Concen: 49.933 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX015115.D
 Acq: 05 Mar 2020 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	23.4	18.6	28.0

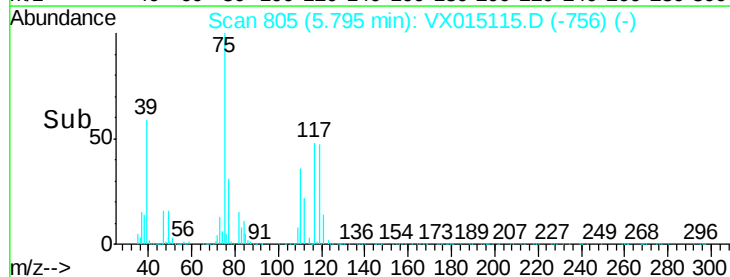
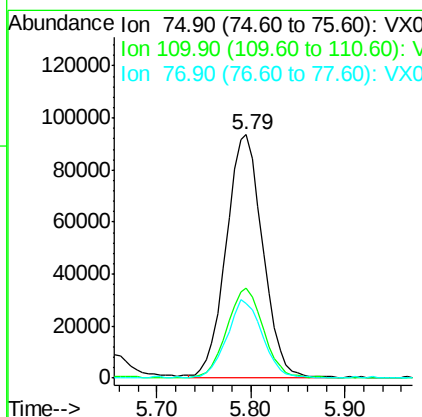
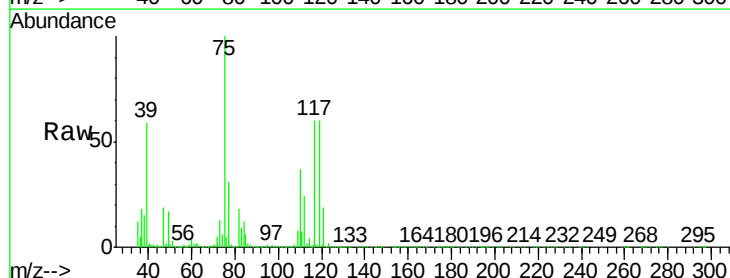
Manual Integrations
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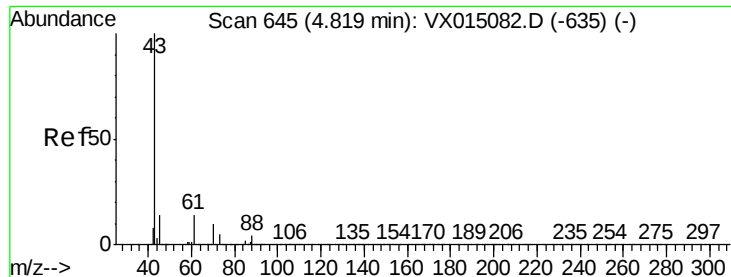
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#36
 1,1-Dichloropropene
 Concen: 48.289 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX015115.D
 Acq: 05 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	17.9	53.8
77	31.1	24.8	37.2





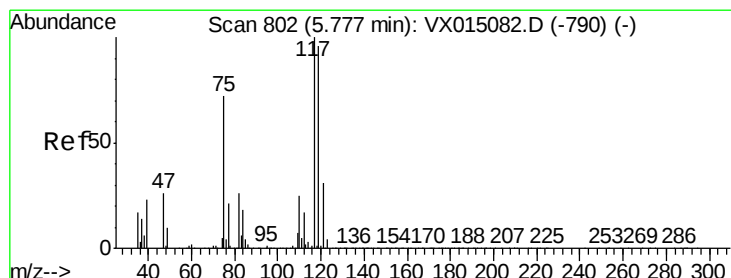
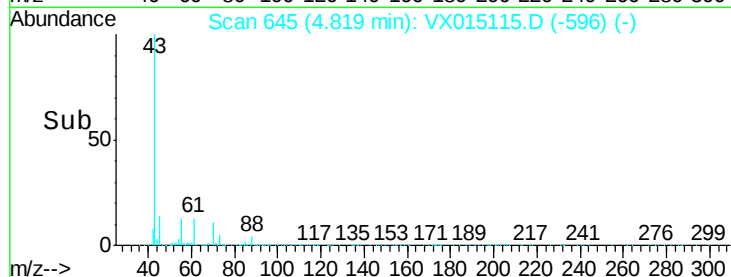
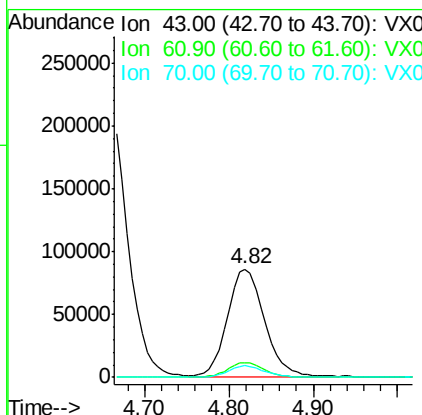
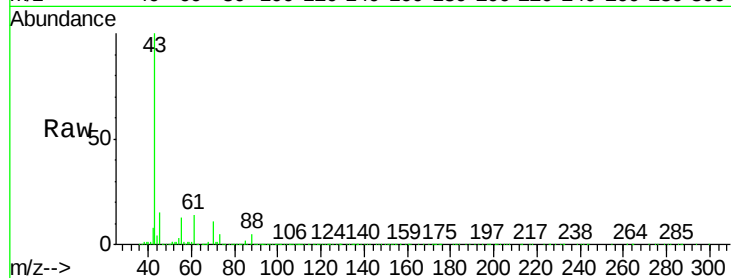
#37
Ethyl Acetate
Concen: 52.904 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	254735
Ion Ratio	Lower	Upper	
43	100		
61	13.6	11.0	16.4
70	10.5	8.1	12.1

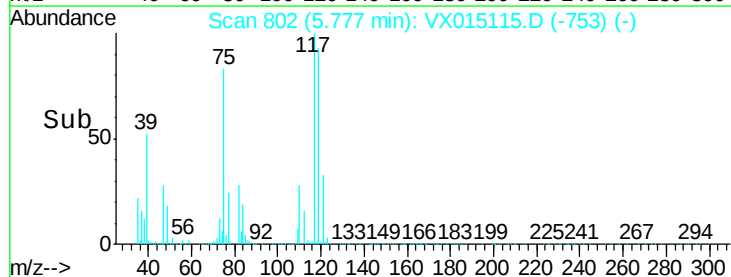
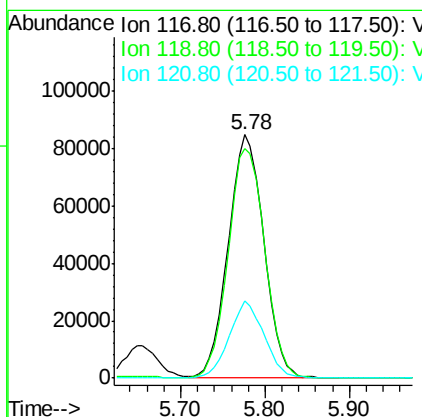
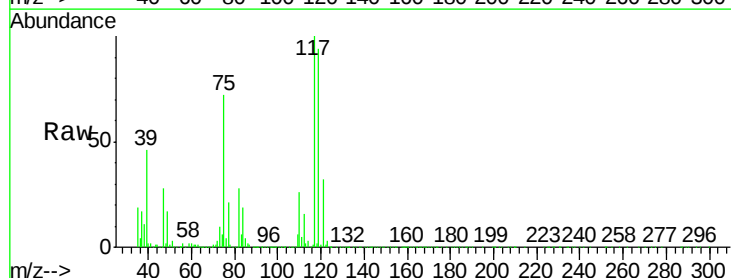
Manual Integrations
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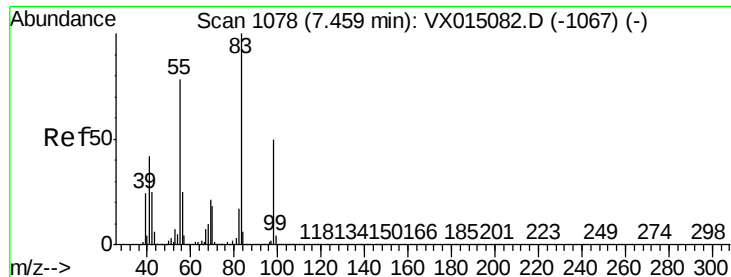
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.464 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion	117	Resp	242360
Ion Ratio	Lower	Upper	
117	100		
119	94.2	76.9	115.3
121	31.4	24.6	37.0





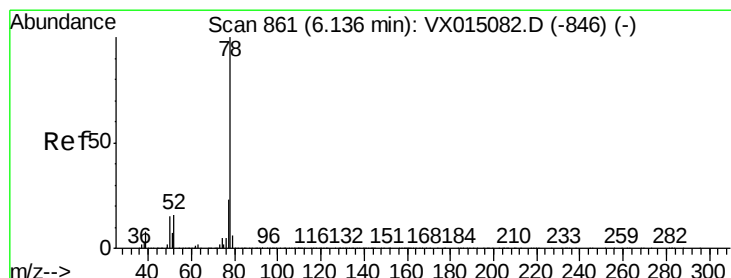
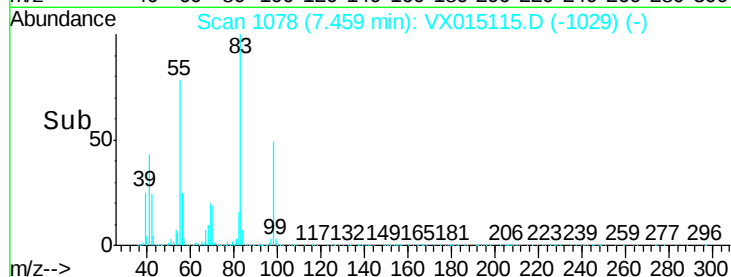
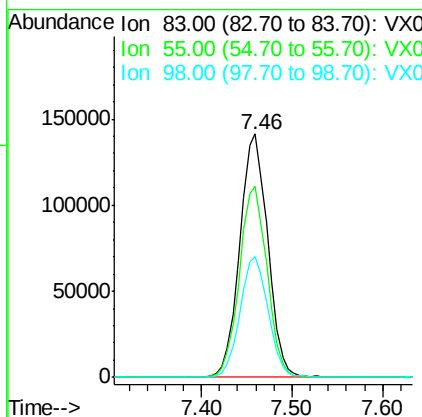
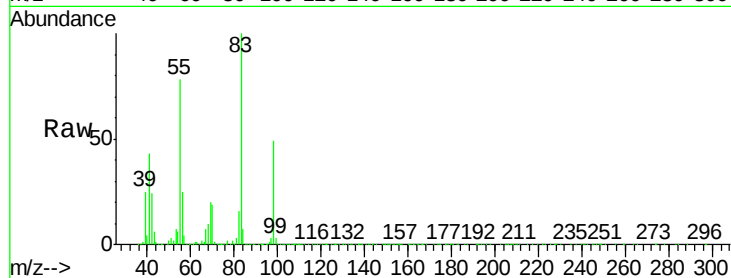
#39
Methvlcvclohexane
Concen: 49.705 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	83	Resp:	301275
Ion Ratio	Lower	Upper	
83	100		
55	78.2	62.4	93.6
98	49.3	39.7	59.5

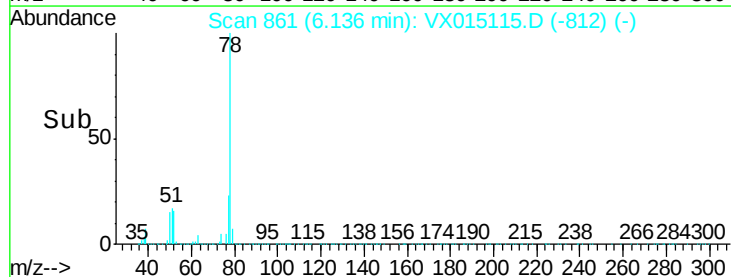
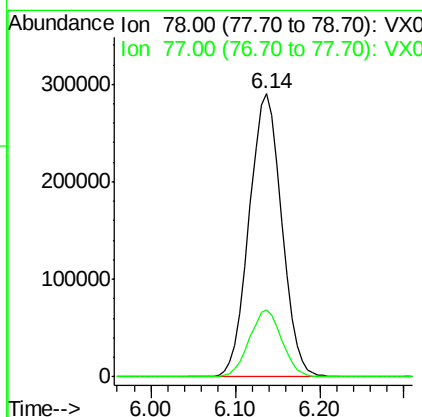
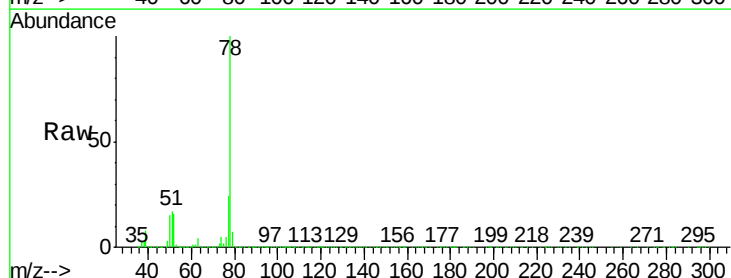
Manual Integrations
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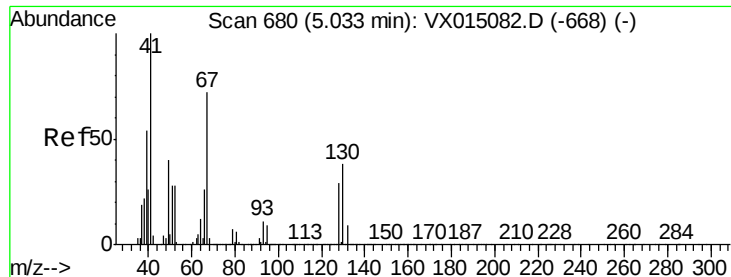
MMDadoda
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#40
Benzene
Concen: 49.580 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion:	78	Resp:	763558
Ion Ratio	Lower	Upper	
78	100		
77	23.8	18.6	28.0





#41

Methacrylonitrile

Concen: 49.448 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

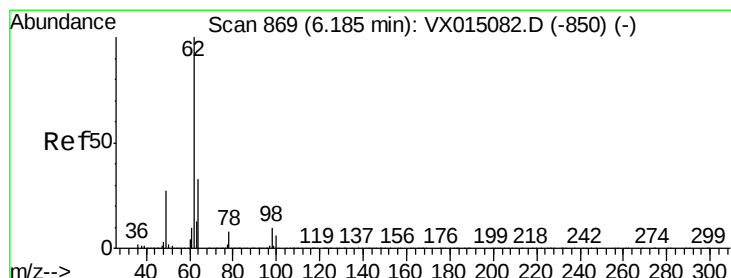
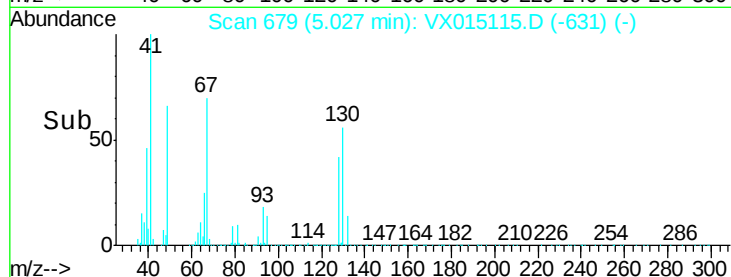
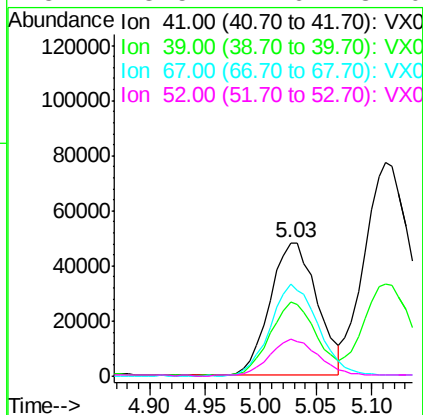
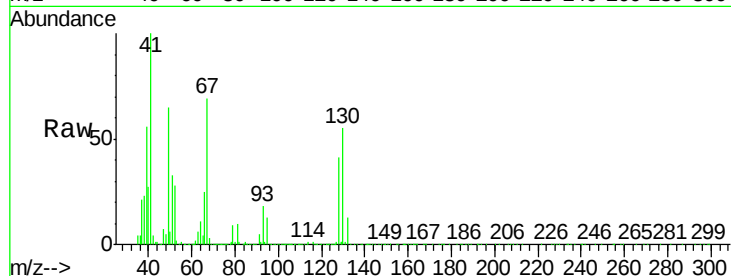
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.6	43.9	65.9	
67	70.0	57.8	86.8	
52	28.5	22.6	34.0	

Manual Integrations
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3/6/2020 4:49:23 PM



#42

1,2-Dichloroethane

Concen: 51.161 ug/l

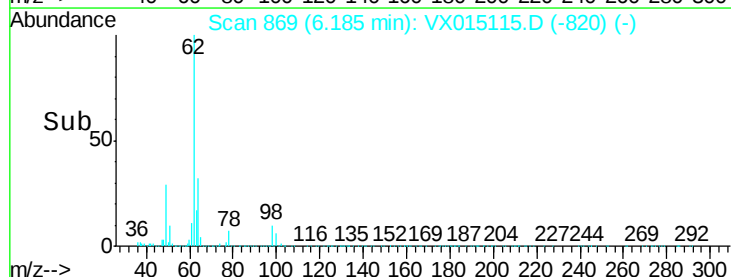
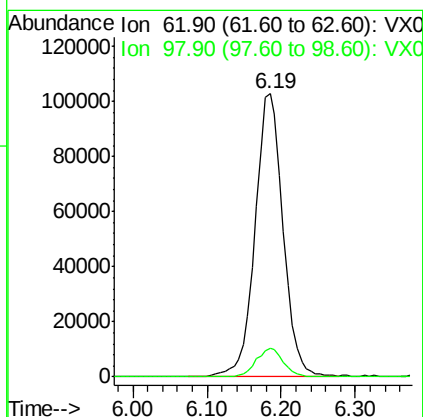
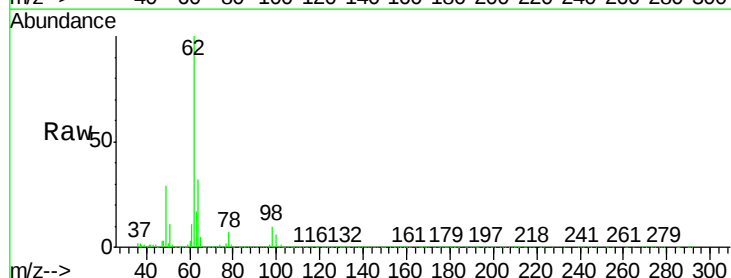
RT: 6.19 min Scan# 869

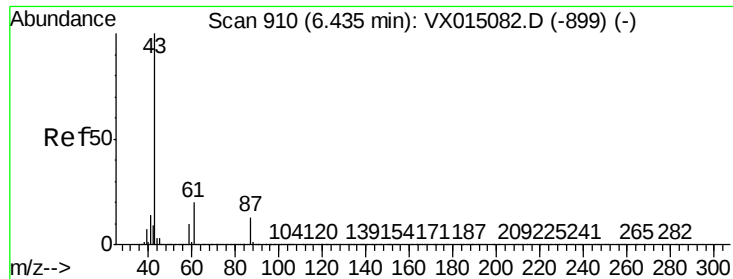
Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.4	0.0	20.6	





#43

Isopropyl Acetate

Concen: 50.156 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

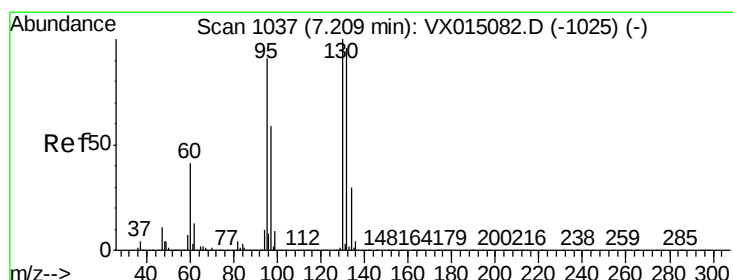
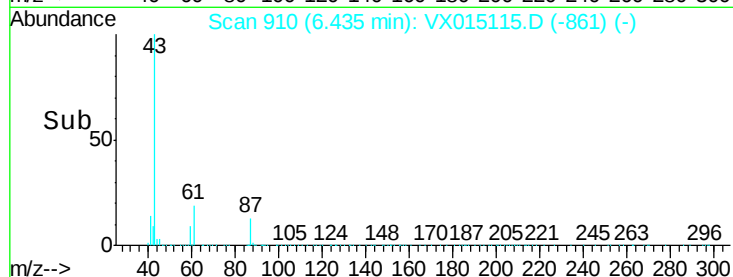
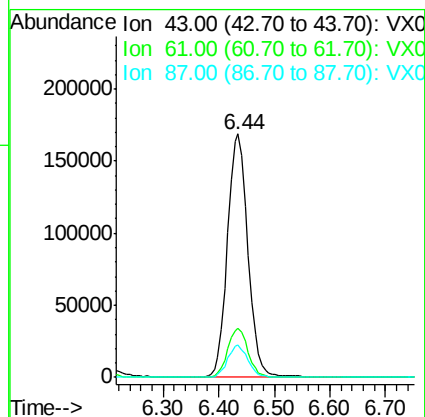
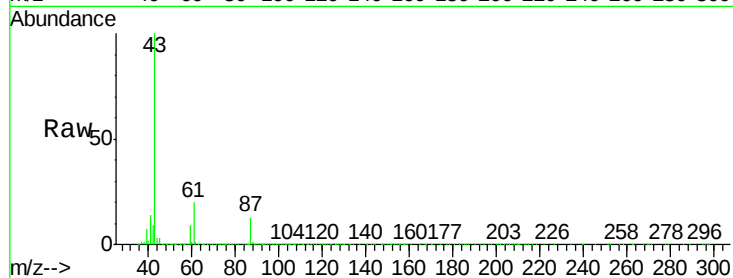
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	424852
Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.1	24.1
87	13.0	10.6	16.0

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#44

Trichloroethene

Concen: 48.561 ug/l

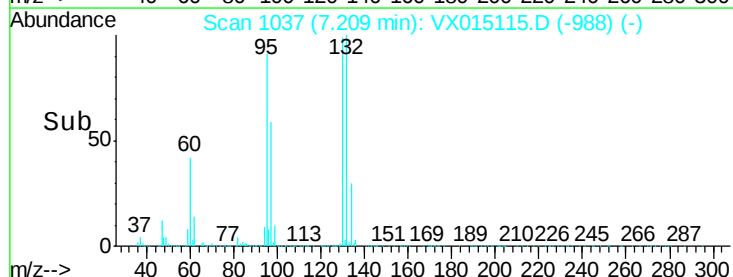
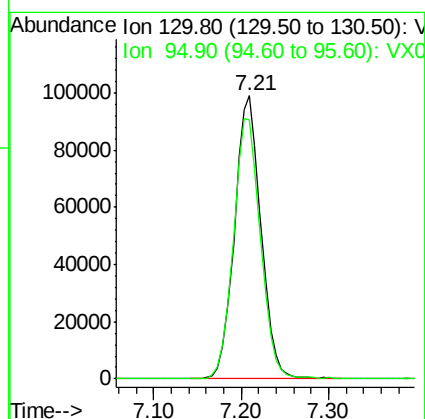
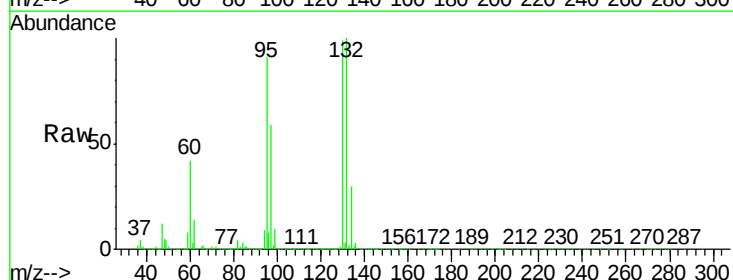
RT: 7.21 min Scan# 1037

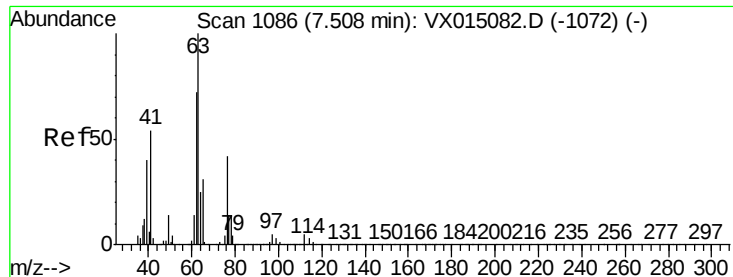
Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Tgt Ion:	130	Resp:	208275
Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	181.2





#45

1,2-Dichloropropane

Concen: 49.846 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 198700

Ion Ratio Lower Upper

63 100

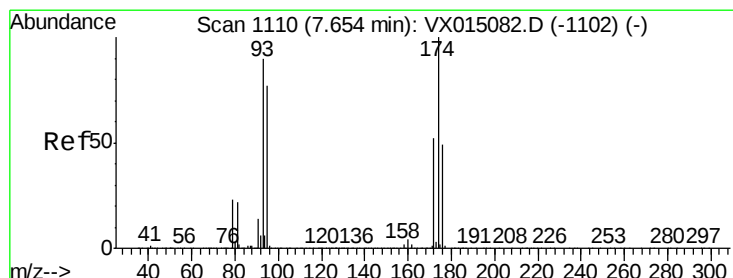
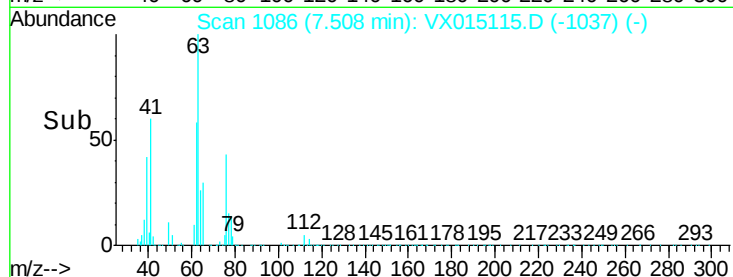
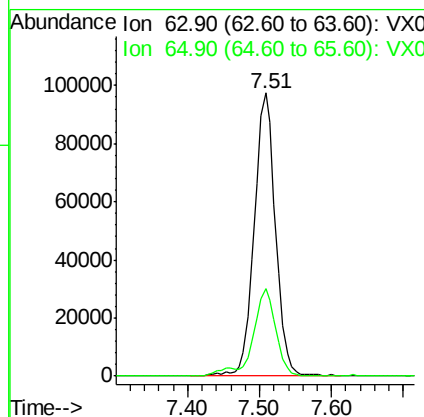
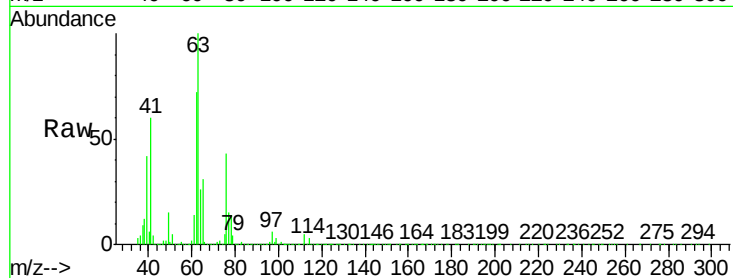
65 31.0 24.6 36.8

Manual Integrations

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#46

Dibromomethane

Concen: 49.787 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

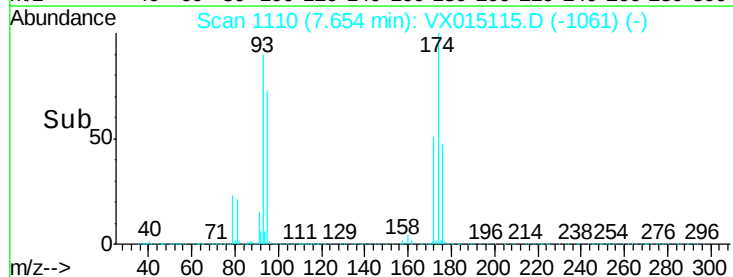
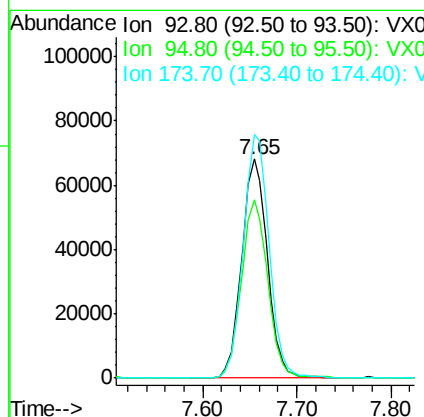
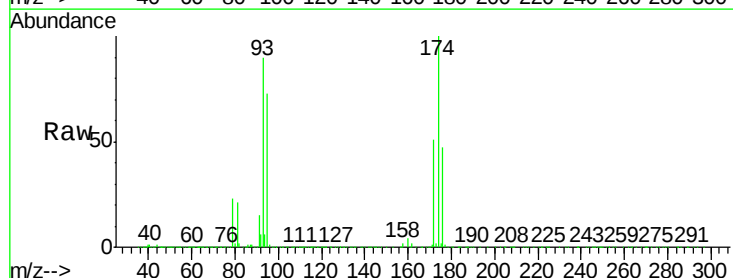
Tgt Ion: 93 Resp: 129317

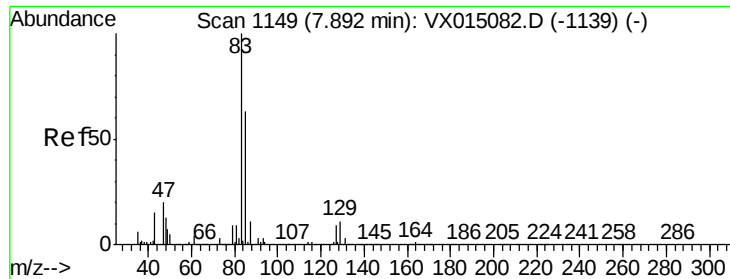
Ion Ratio Lower Upper

93 100

95 83.0 67.8 101.8

174 113.2 91.0 136.4





#47

Bromodichloromethane

Concen: 51.107 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

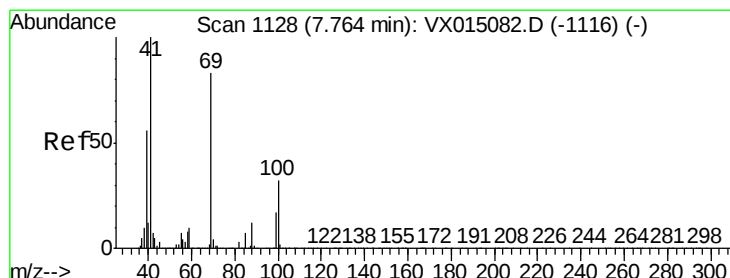
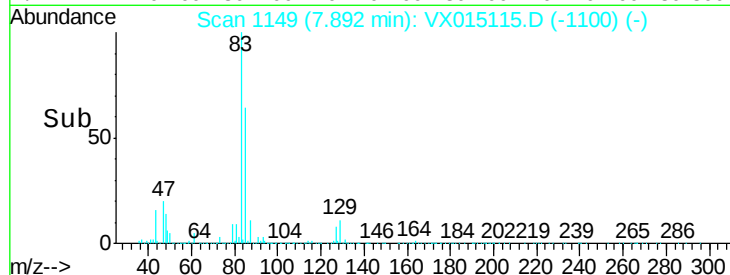
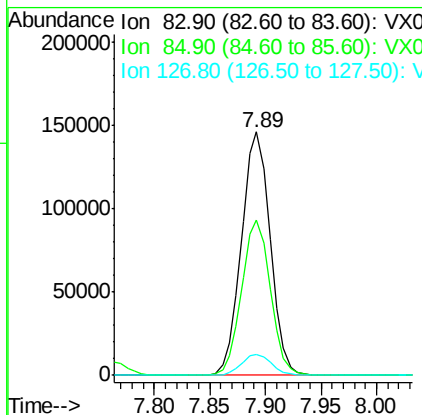
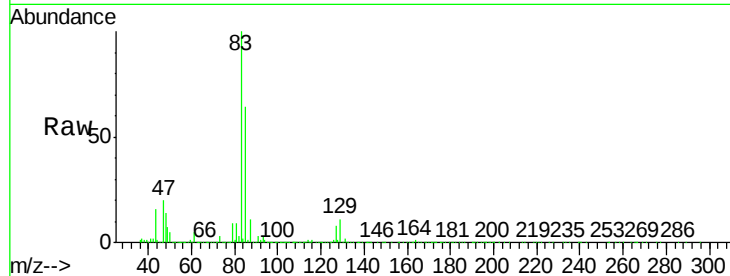
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	262503
Ion Ratio	Lower	Upper	
83	100		
85	63.6	50.6	75.8
127	8.4	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.526 ug/l

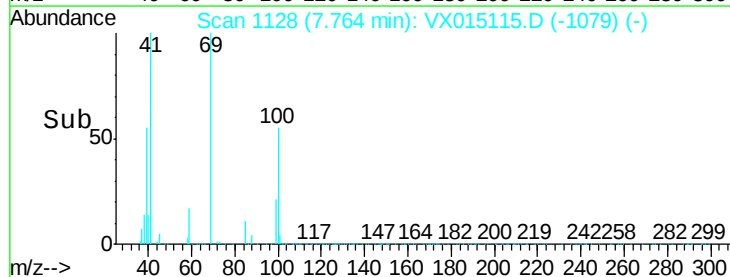
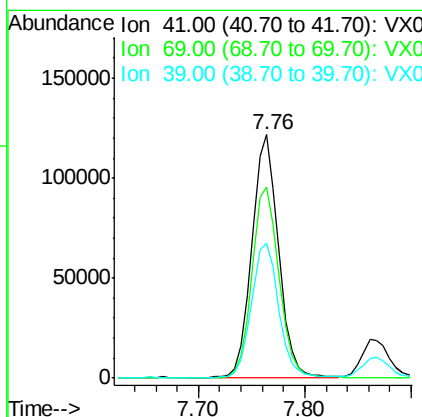
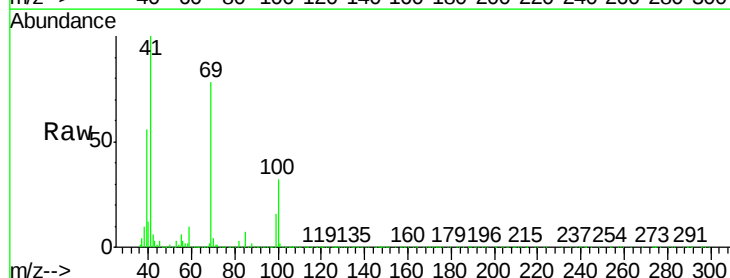
RT: 7.76 min Scan# 1128

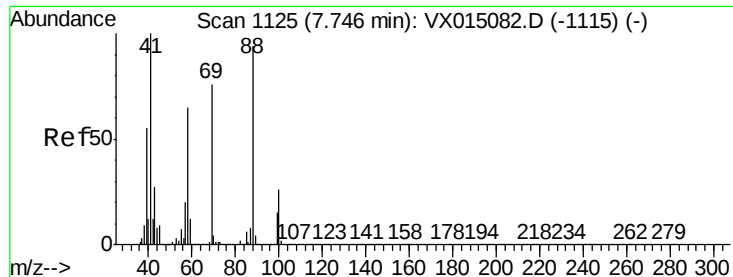
Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Tgt Ion:	41	Resp:	213520
Ion Ratio	Lower	Upper	
41	100		
69	80.2	65.4	98.2
39	56.8	44.6	67.0





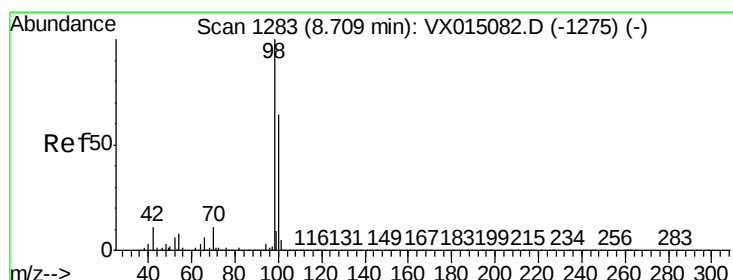
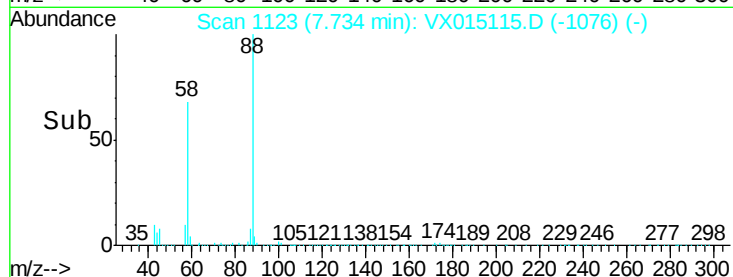
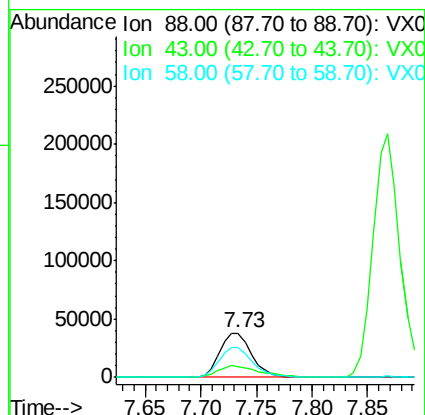
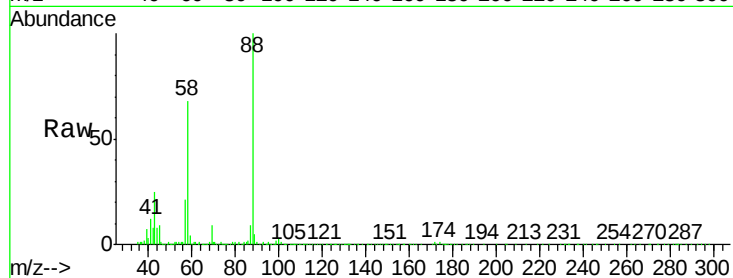
#49
1,4-Dioxane
Concen: 796.953 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.7	27.0	40.4
58	72.8	55.6	83.4

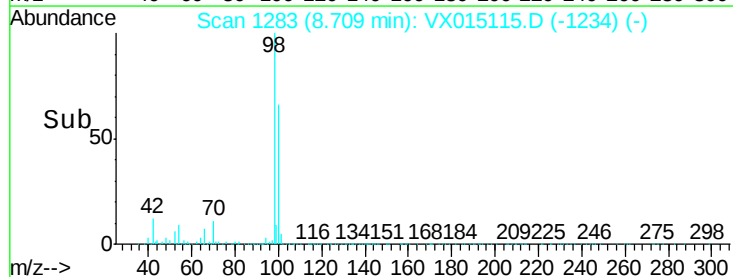
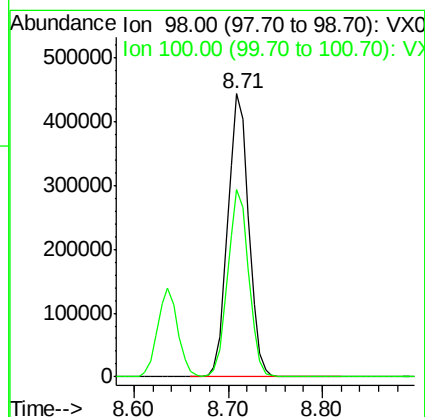
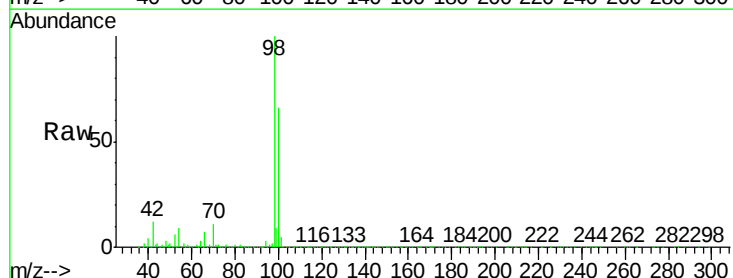
Manual Integrations
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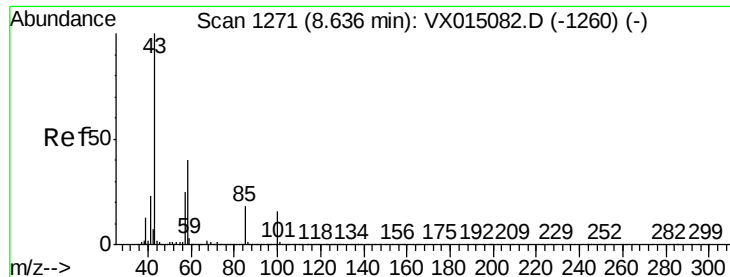
MMDadoda
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#50
Toluene-d8
Concen: 50.574 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 258.914 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1296723

Ion Ratio Lower Upper

43 100

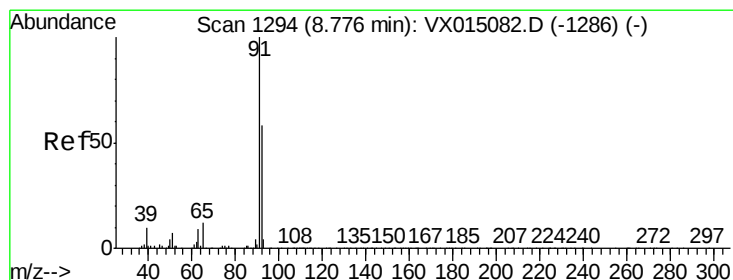
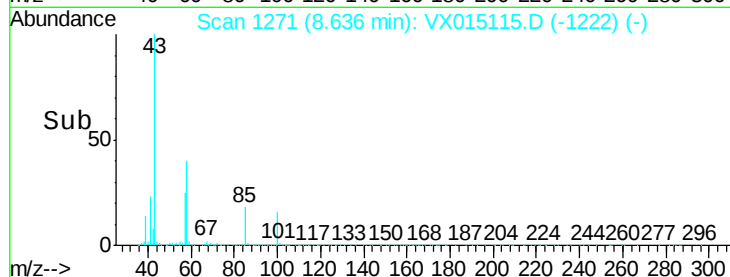
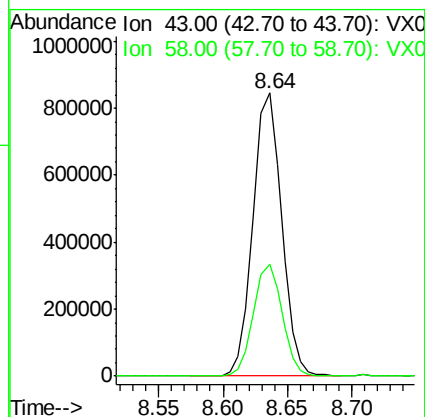
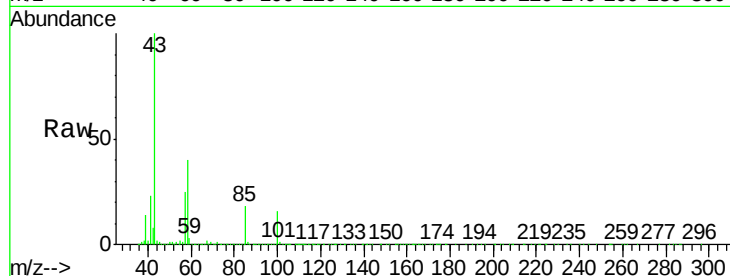
58 39.7 31.6 47.4

Manual Integrations

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#52

Toluene

Concen: 51.198 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015115.D

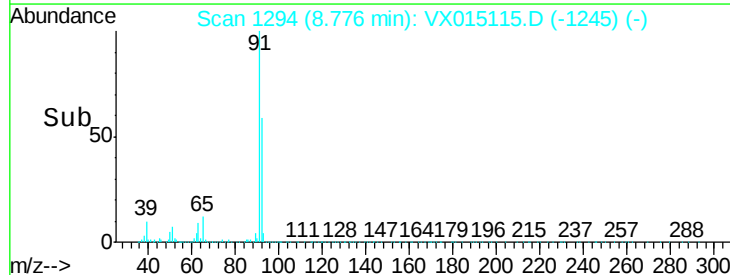
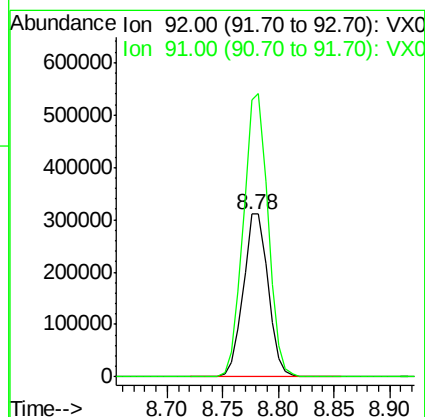
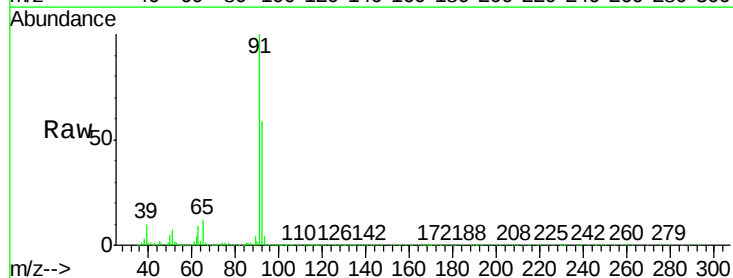
Acq: 05 Mar 2020 17:49

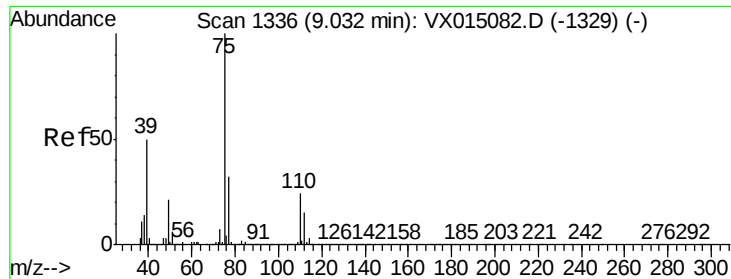
Tgt Ion: 92 Resp: 482106

Ion Ratio Lower Upper

92 100

91 172.6 136.9 205.3





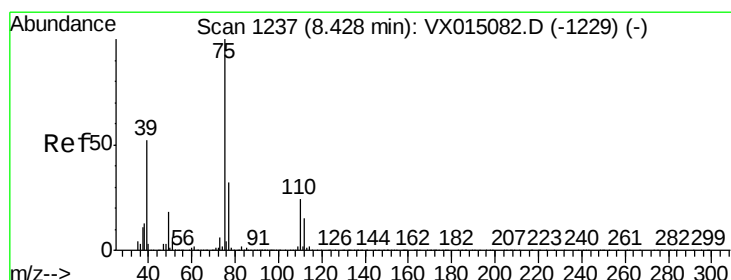
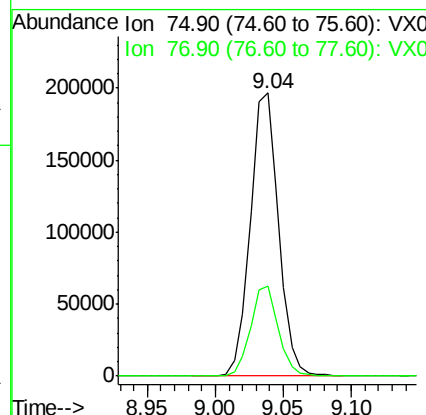
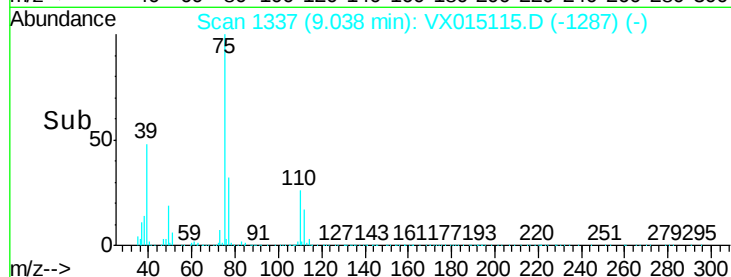
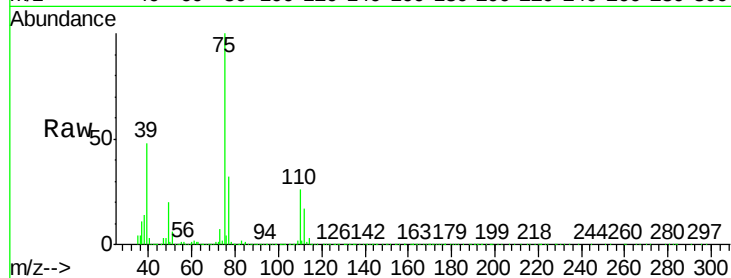
#53
t-1,3-Dichloropropene
Concen: 52.303 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 285943
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0

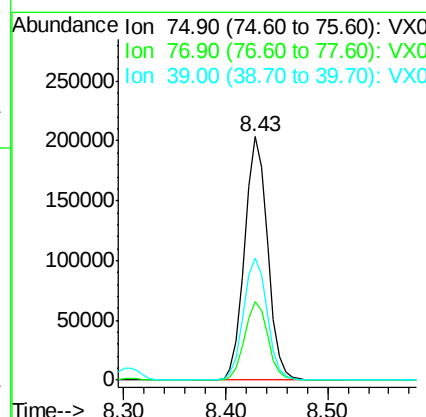
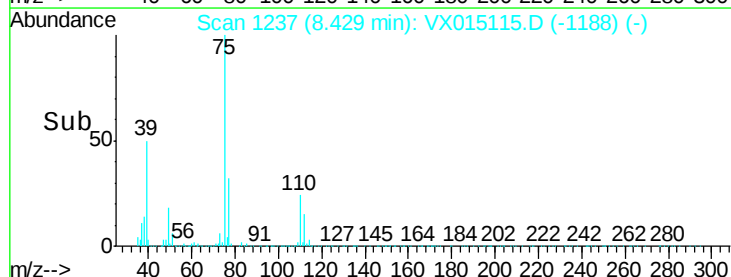
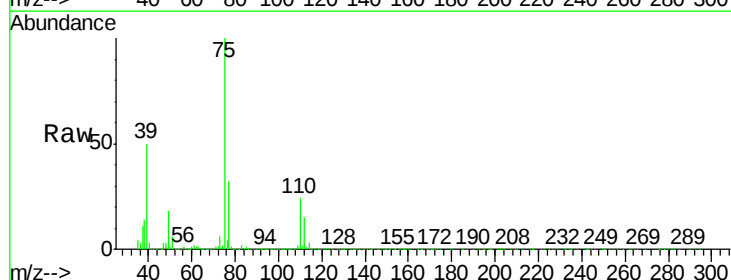
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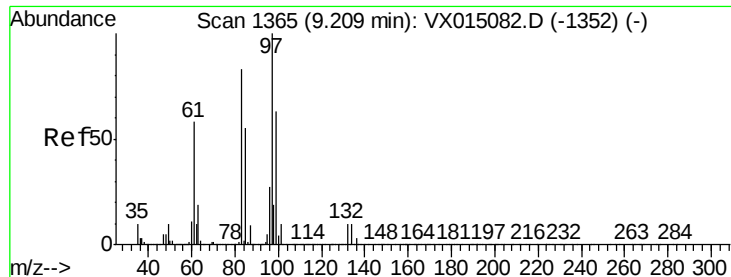
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#54
cis-1,3-Dichloropropene
Concen: 51.321 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion: 75 Resp: 317195
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6
39 49.9 41.3 61.9





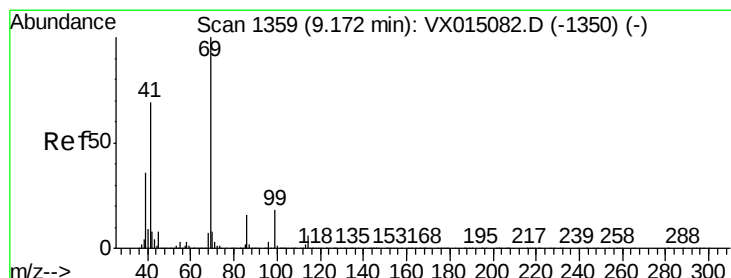
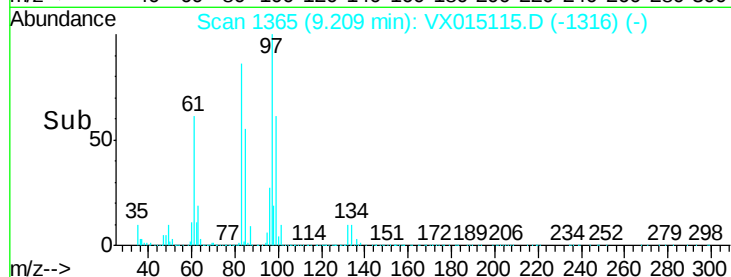
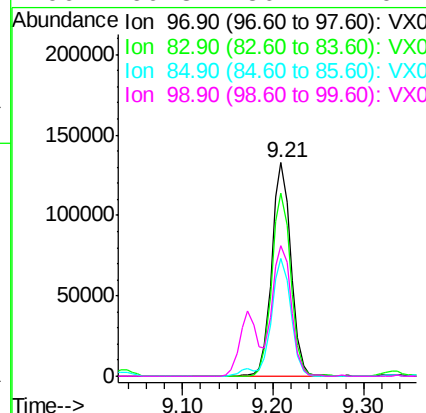
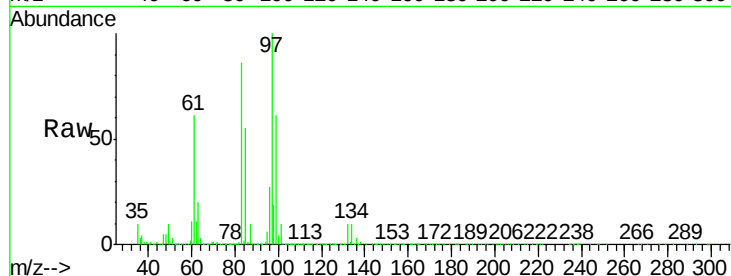
#55
 1,1,2-Trichloroethane
 Concen: 49.939 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015115.D
 Acq: 05 Mar 2020 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		193552		
83	85.7	66.4	99.6		
85	55.1	43.5	65.3		
99	60.8	50.7	76.1		

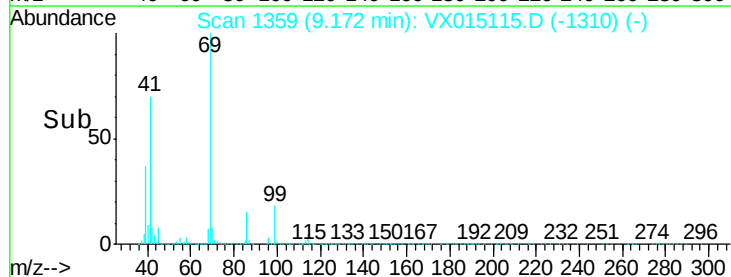
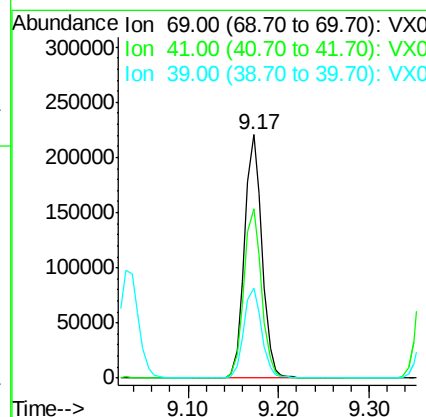
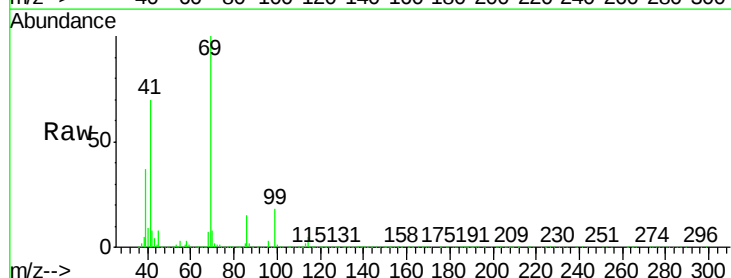
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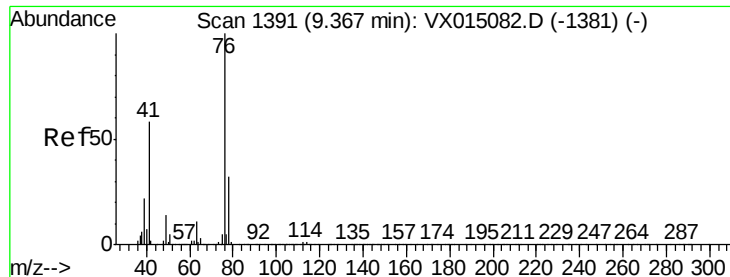
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#56
 Ethyl methacrylate
 Concen: 53.671 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015115.D
 Acq: 05 Mar 2020 17:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		296707		
41	69.8	55.8	83.8		
39	37.3	29.4	44.2		





#57

1,3-Dichloropropane

Concen: 50.274 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 327811

Ion Ratio Lower Upper

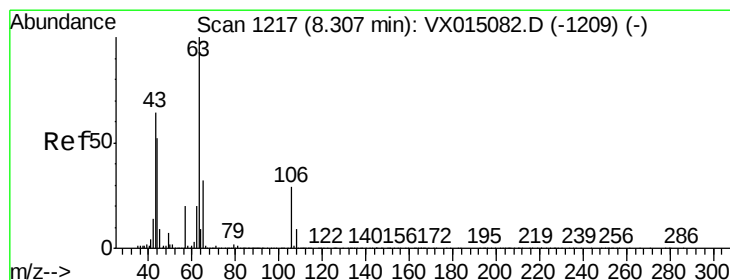
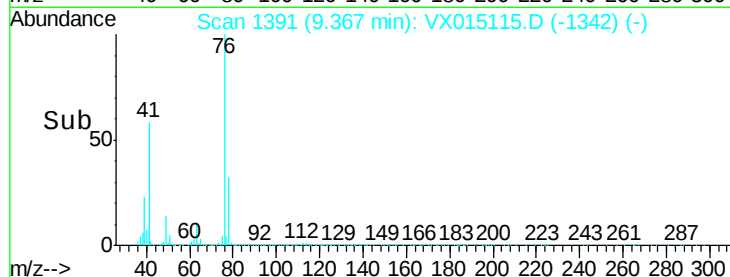
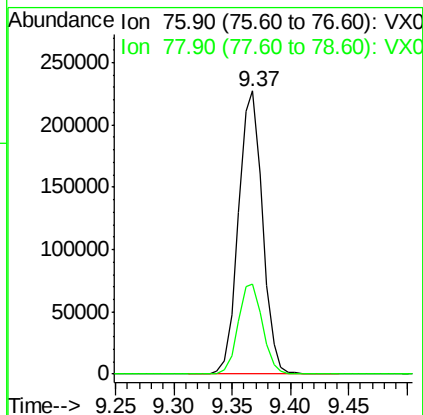
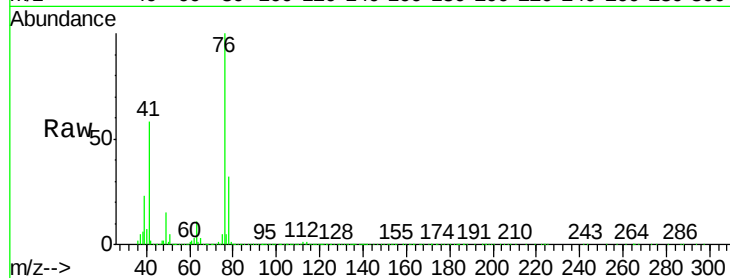
76 100

78 32.5 25.6 38.4

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 259.554 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015115.D

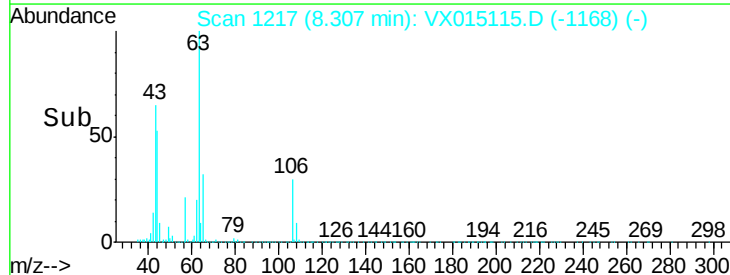
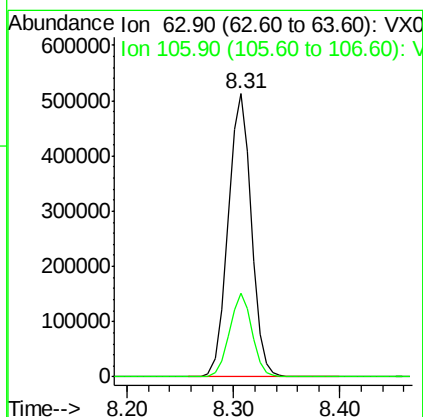
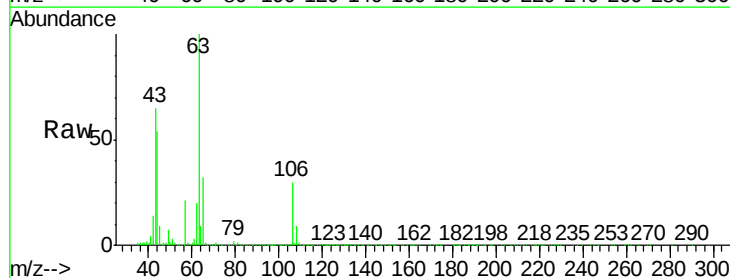
Acq: 05 Mar 2020 17:49

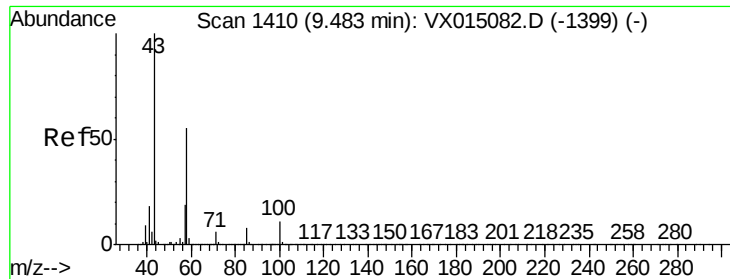
Tgt Ion: 63 Resp: 781691

Ion Ratio Lower Upper

63 100

106 28.7 22.8 34.2





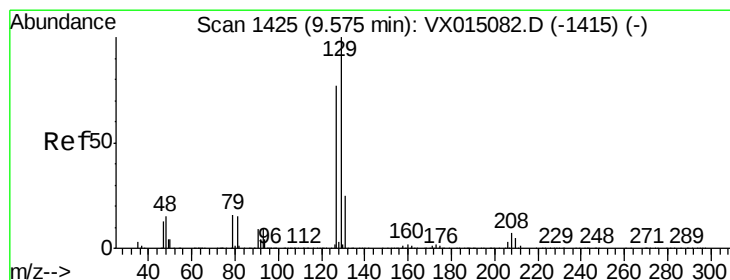
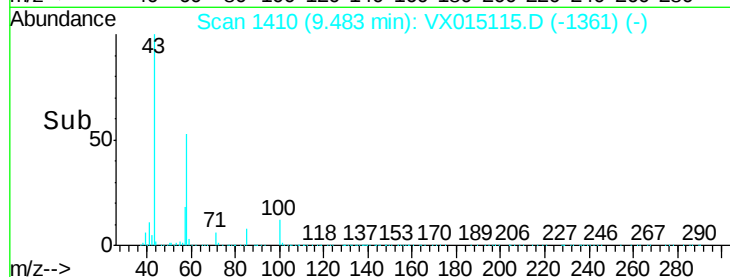
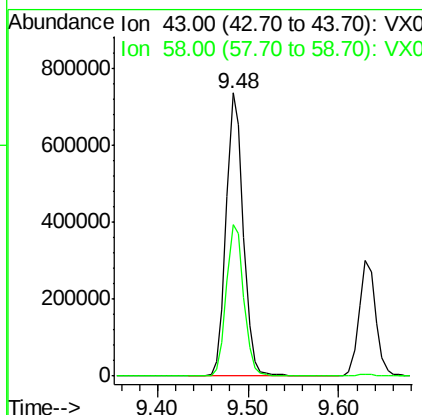
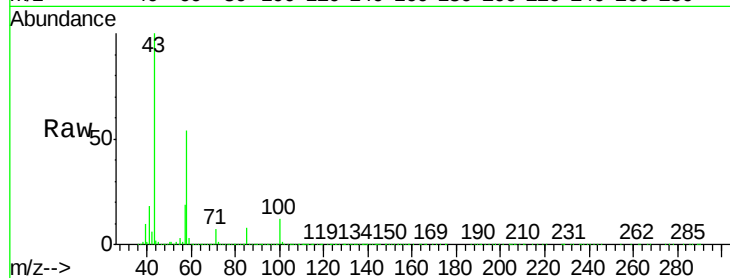
#59
2-Hexanone
Concen: 259.962 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 965000
Ion Ratio Lower Upper
43 100
58 54.6 27.3 81.8

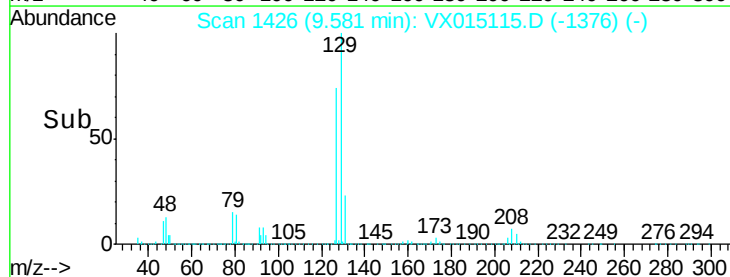
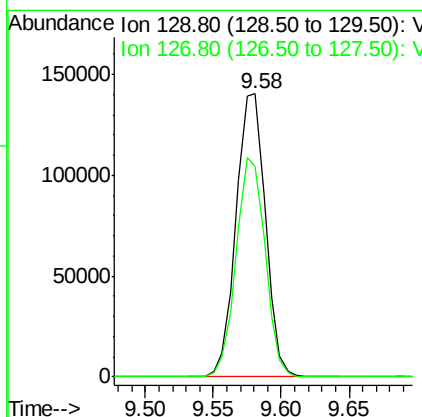
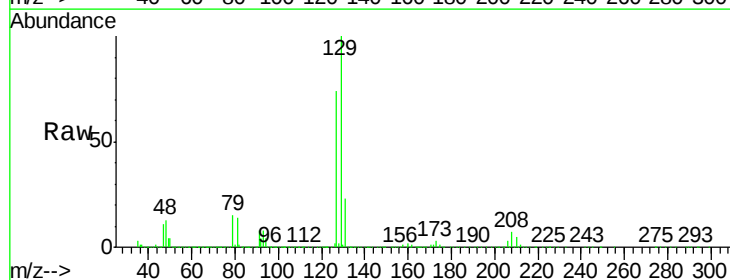
Manual Integrations
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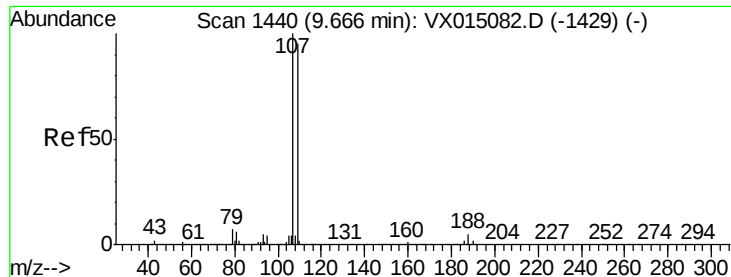
MMDadoda
3/6/2020 4:49:23 PM



#60
Dibromochloromethane
Concen: 52.187 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion: 129 Resp: 212472
Ion Ratio Lower Upper
129 100
127 76.0 38.8 116.3





#61

1,2-Dibromoethane

Concen: 50.085 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 203890

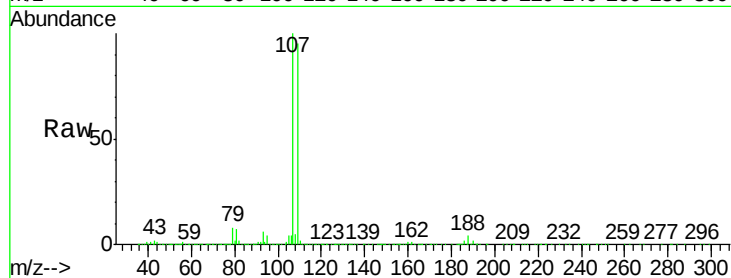
Ion Ratio Lower Upper

107 100

109 93.9 75.6 113.4

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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

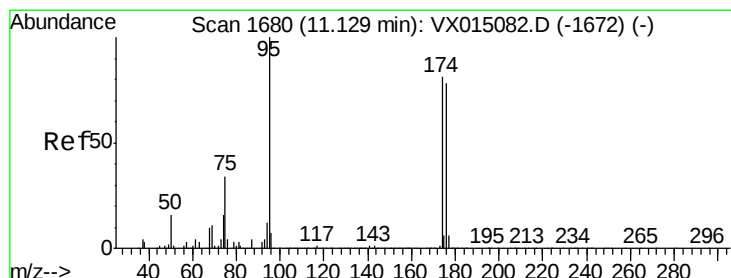
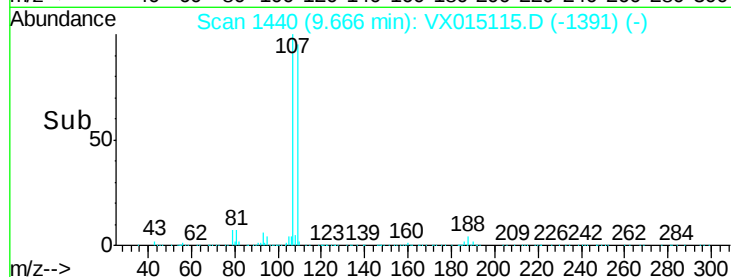
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.274 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

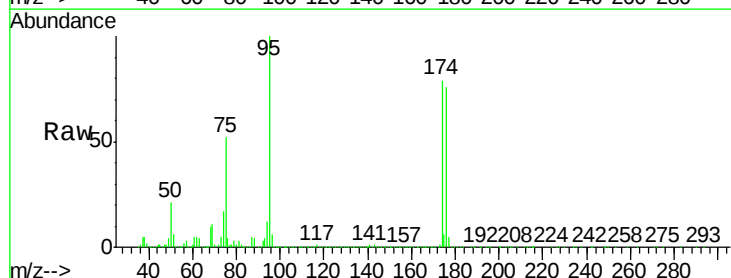
Tgt Ion: 95 Resp: 246434

Ion Ratio Lower Upper

95 100

174 88.7 0.0 177.6

176 86.9 0.0 170.2



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

250000

200000

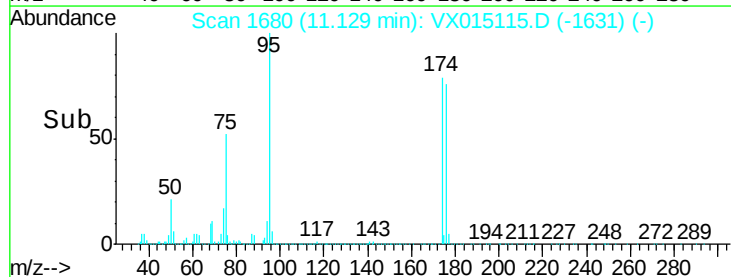
150000

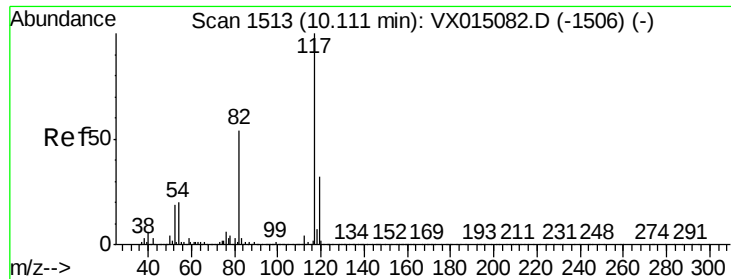
100000

50000

0

Time-->





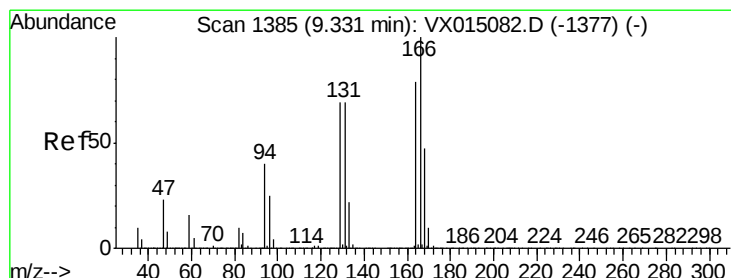
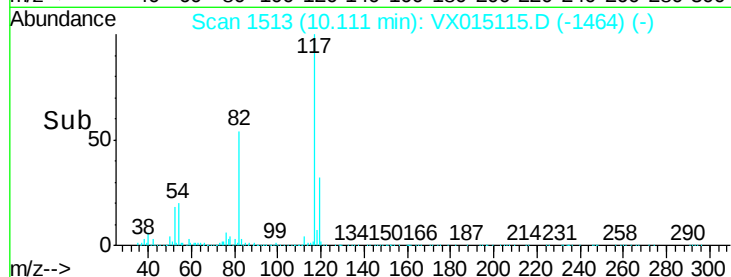
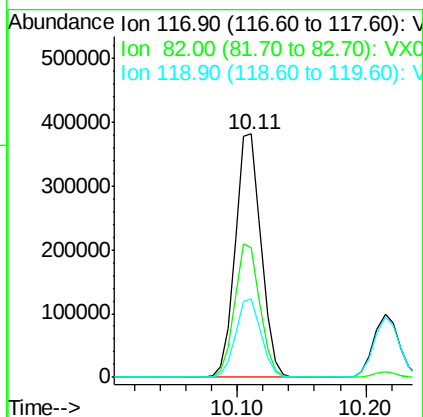
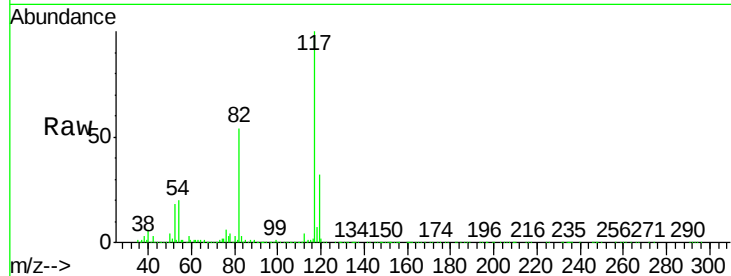
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.3	64.9
119	32.2	25.8	38.8

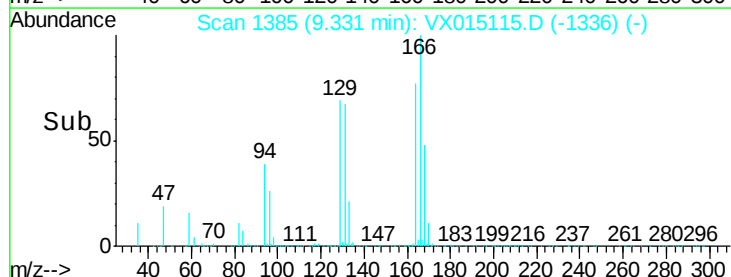
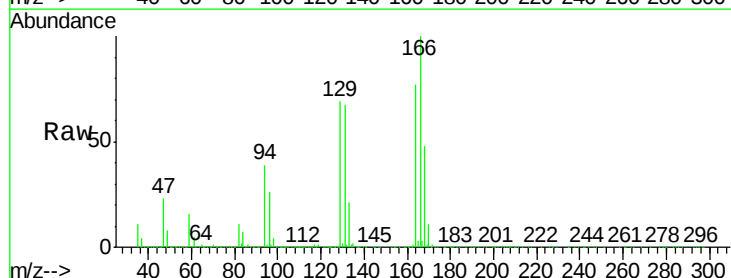
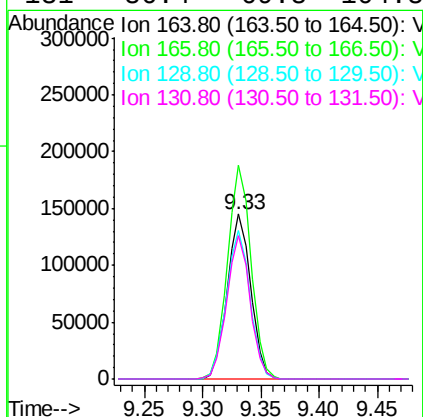
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#64
Tetrachloroethene
Concen: 46.633 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.4	101.1	151.7
129	89.9	69.4	104.0
131	86.4	69.8	104.8





#65

Chlorobenzene

Concen: 49.482 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 527186

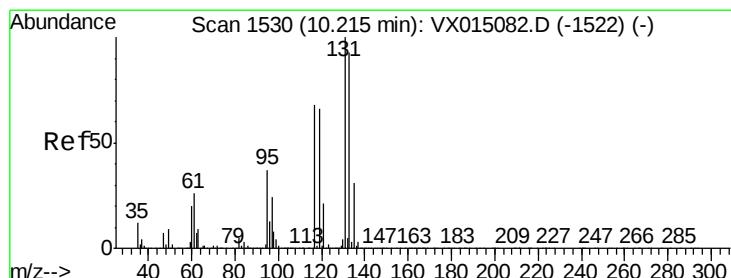
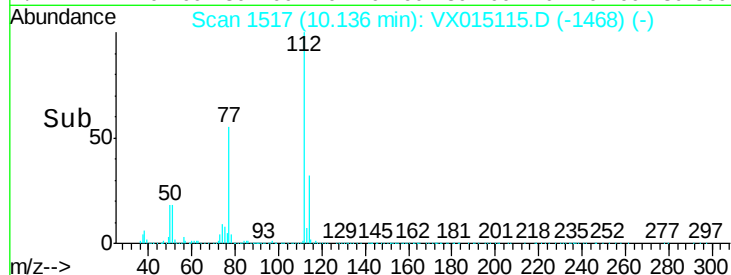
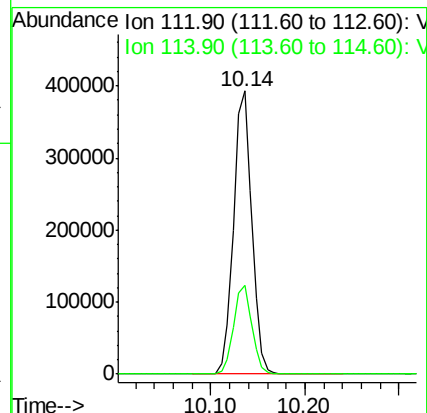
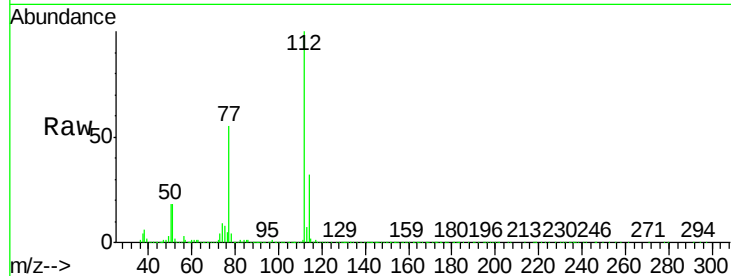
Ion Ratio Lower Upper

112 100

114 31.6 25.5 38.3

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 47.859 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

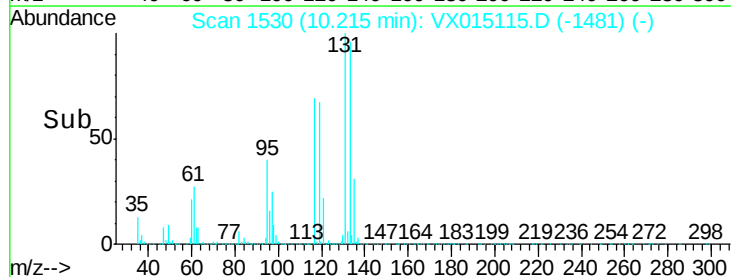
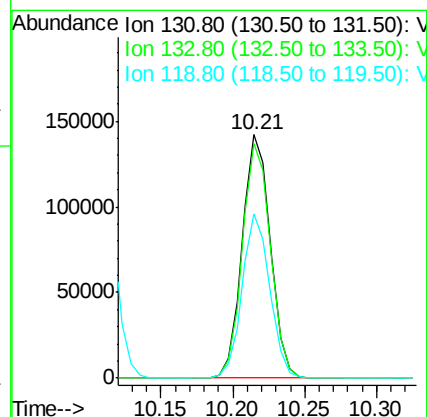
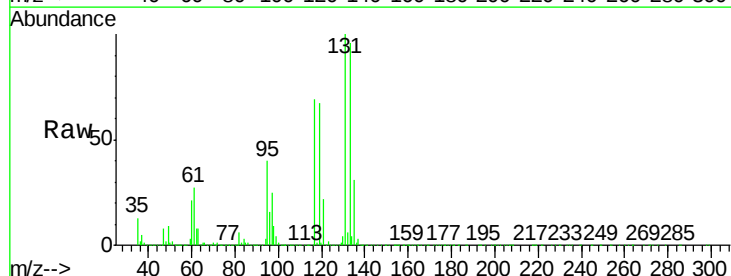
Tgt Ion:131 Resp: 192265

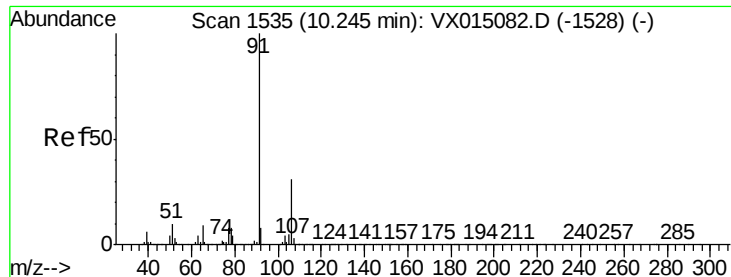
Ion Ratio Lower Upper

131 100

133 96.6 47.5 142.5

119 66.2 33.4 100.1





#67

Ethyl Benzene

Concen: 50.974 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 922196

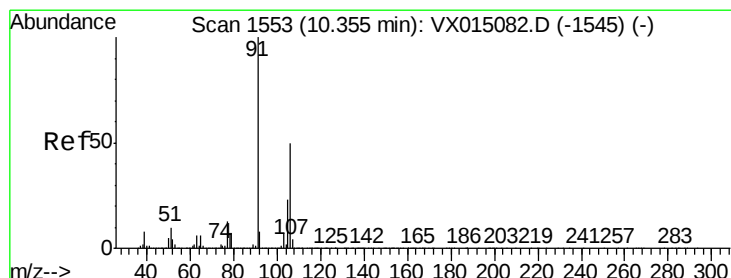
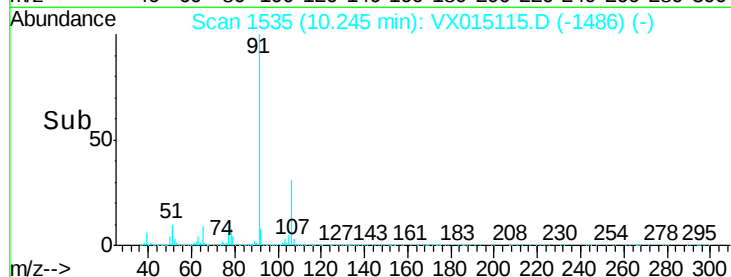
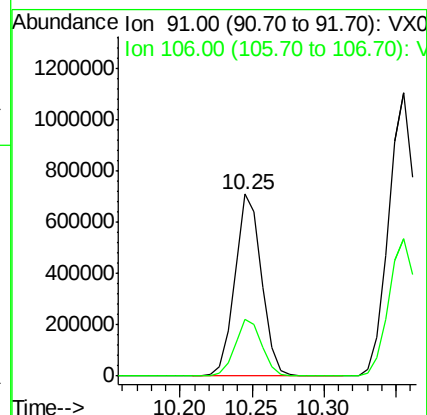
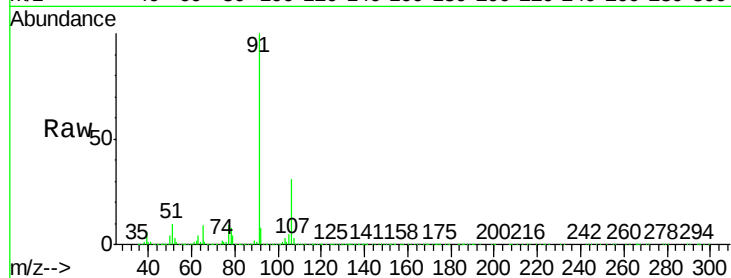
Ion Ratio Lower Upper

91 100

106 31.3 24.9 37.3

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#68

m/p-Xylenes

Concen: 102.544 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015115.D

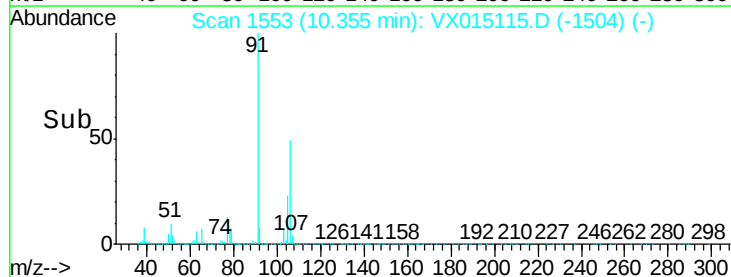
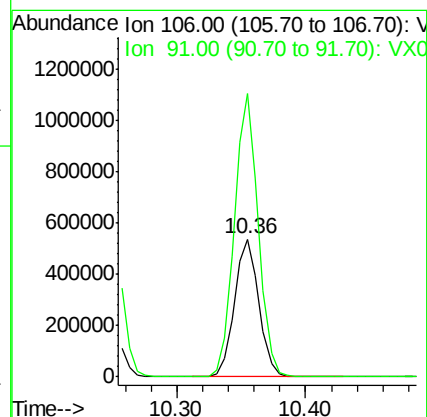
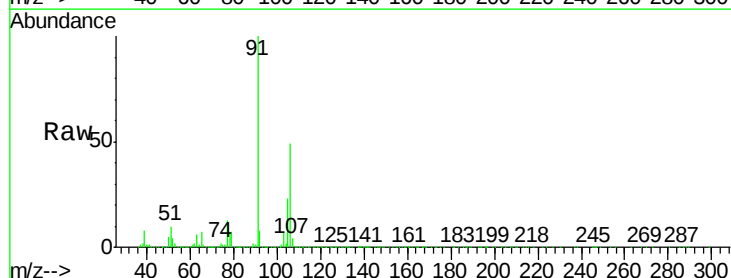
Acq: 05 Mar 2020 17:49

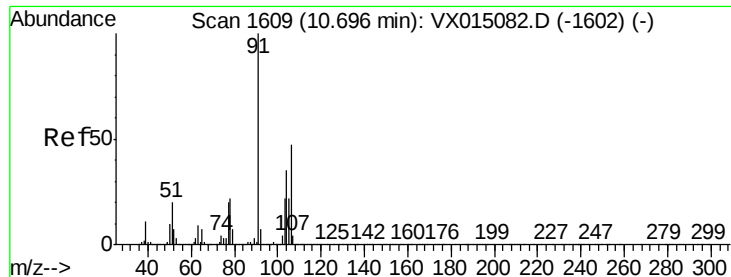
Tgt Ion: 106 Resp: 705830

Ion Ratio Lower Upper

106 100

91 202.0 159.4 239.2





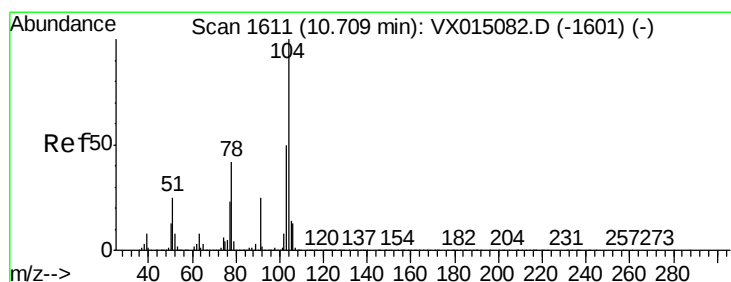
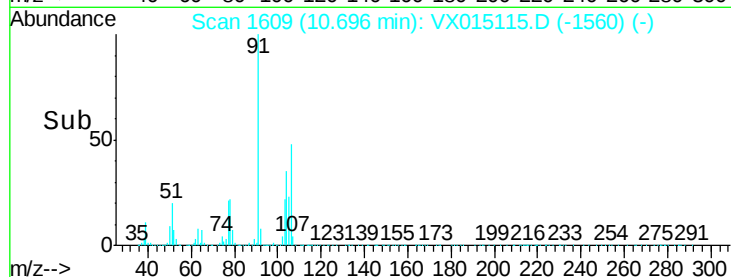
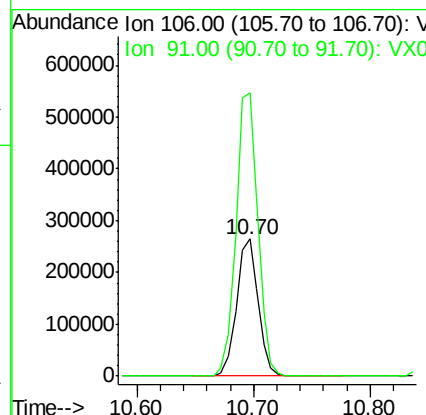
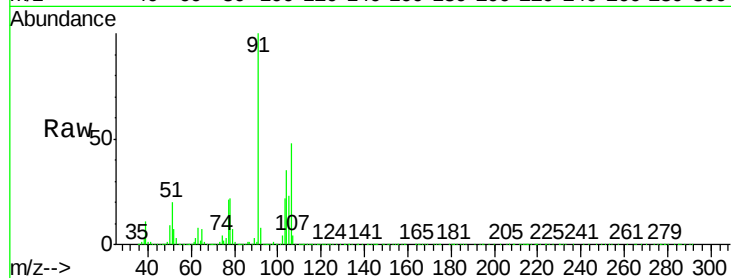
#69
o-Xylene
Concen: 51.314 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
106	100			
91	211.1	105.4	316.1	

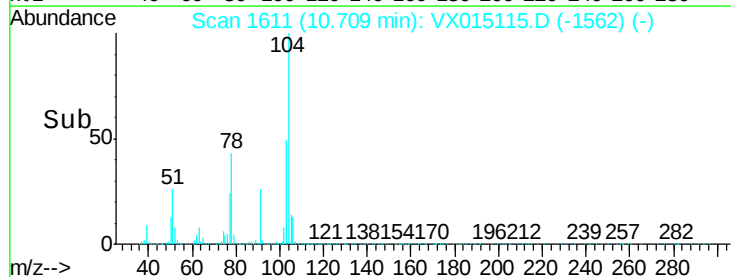
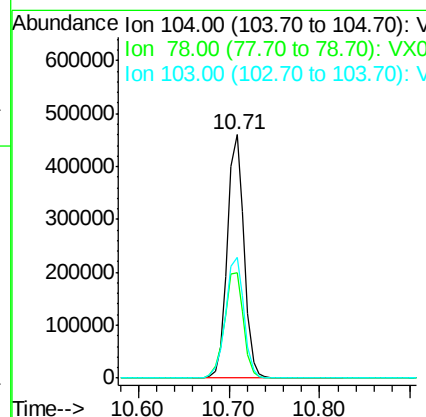
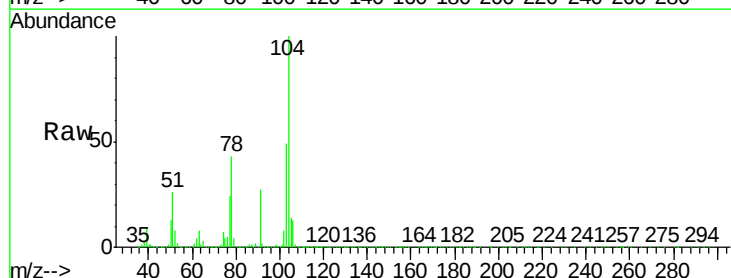
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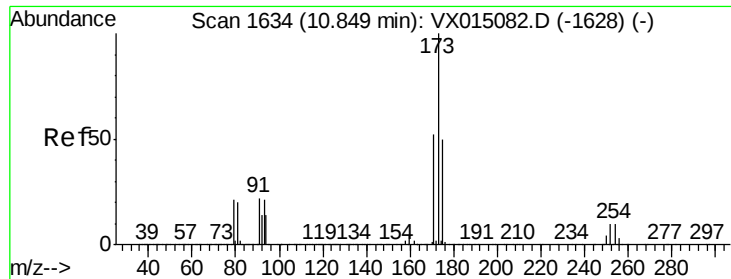
MMDadoda
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#70
Styrene
Concen: 52.123 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
104	100			
78	49.1	39.0	58.4	
103	54.6	43.7	65.5	





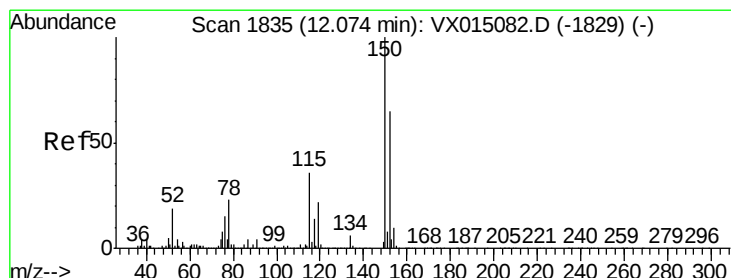
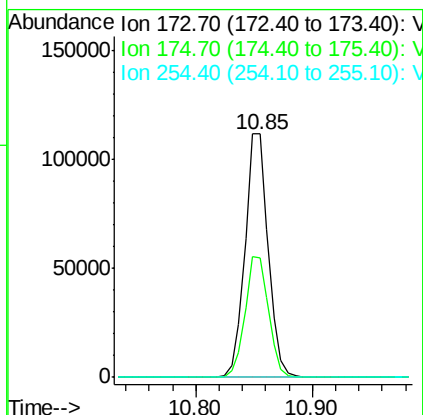
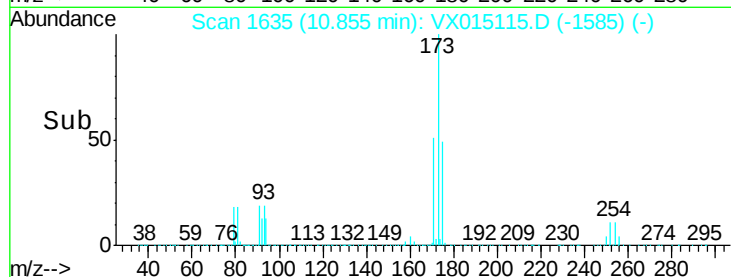
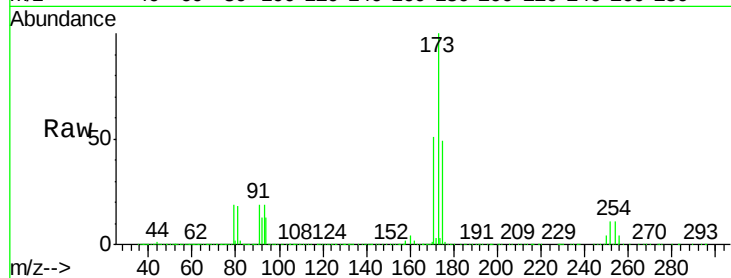
#71
Bromoform
Concen: 49.849 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.4	24.9	74.7
254	0.3	0.2	0.2#

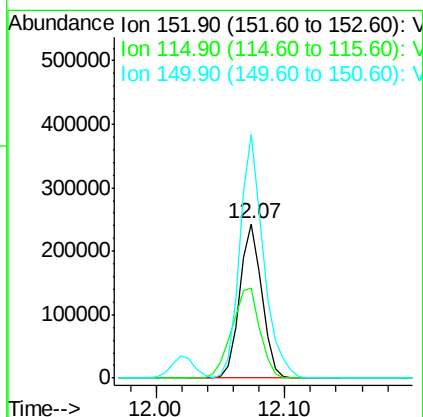
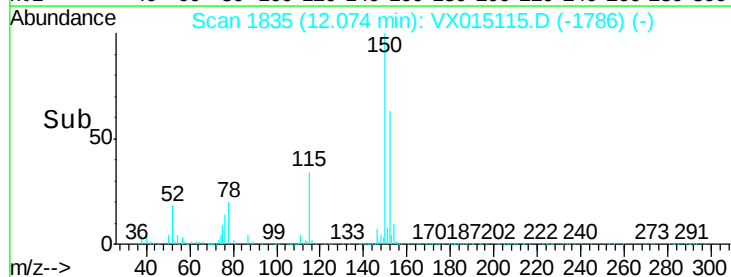
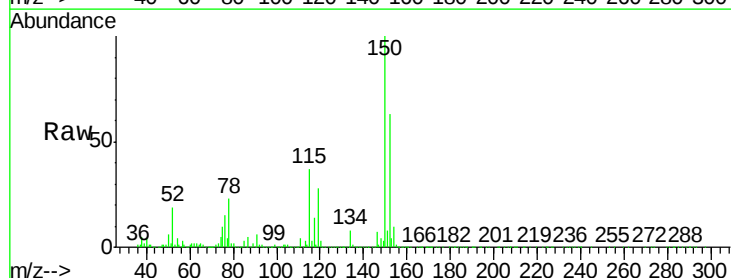
Manual Integrations
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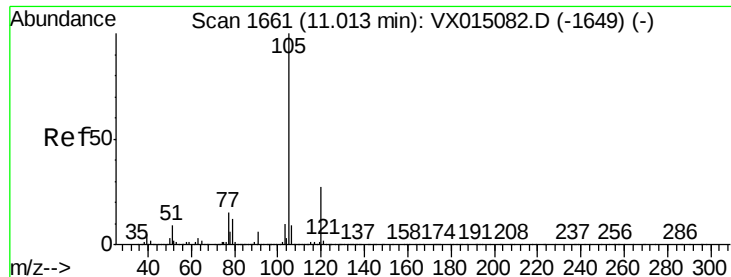
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	74.9	38.2	114.6
150	170.3	0.0	343.8





#73

Isopropylbenzene

Concen: 49.499 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 907988

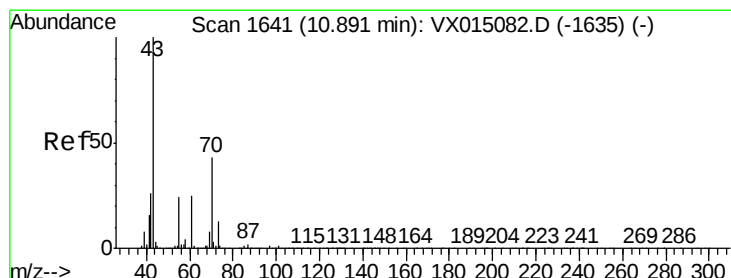
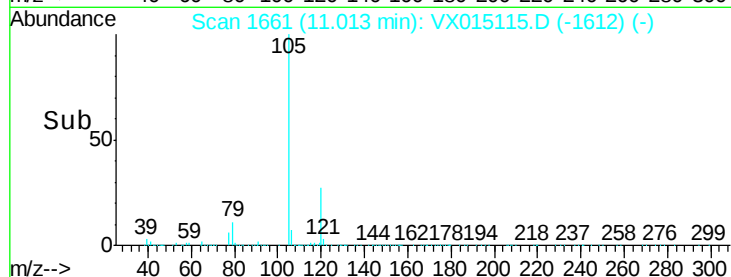
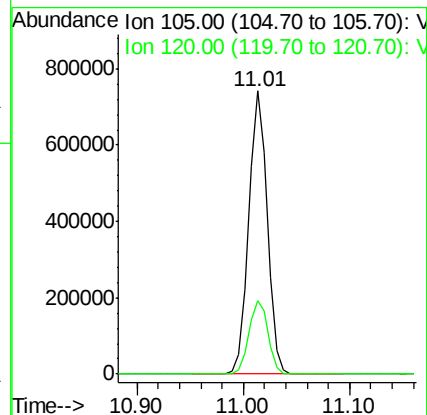
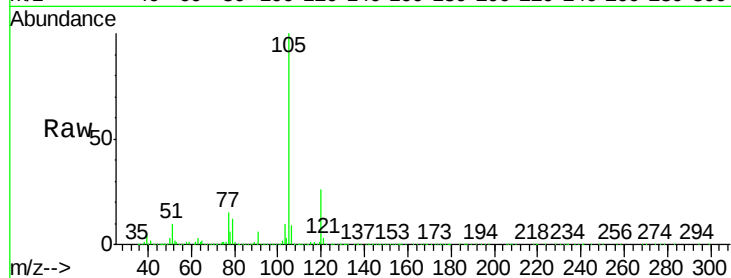
Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 49.416 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Tgt Ion: 43 Resp: 382018

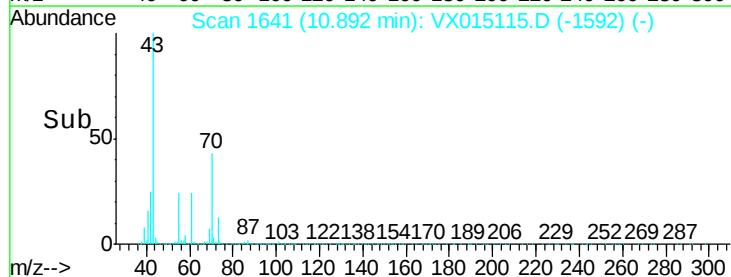
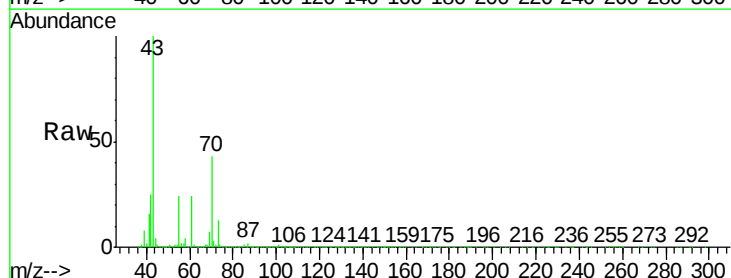
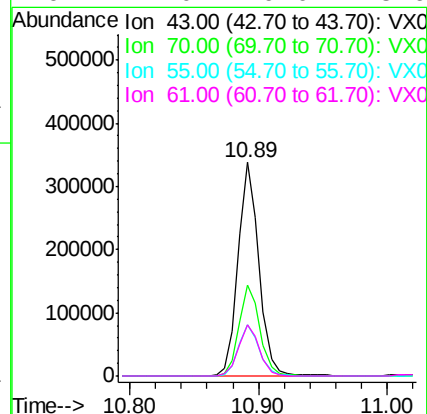
Ion Ratio Lower Upper

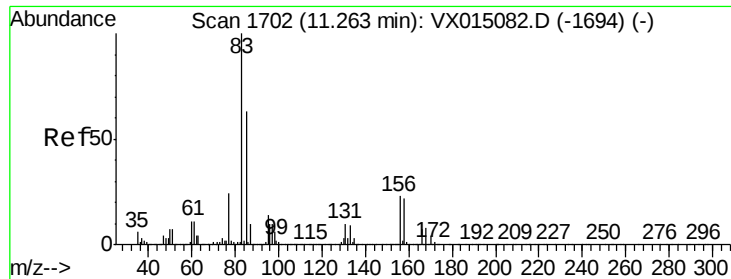
43 100

70 42.6 34.7 52.1

55 24.4 19.4 29.0

61 24.0 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.011 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

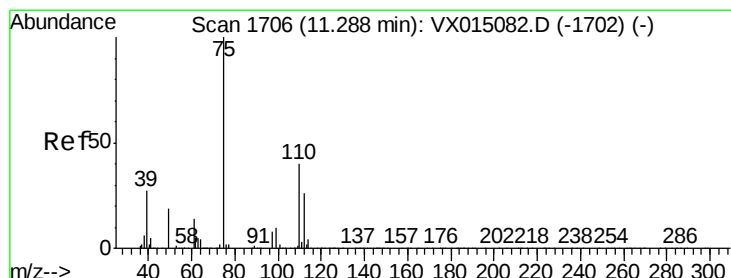
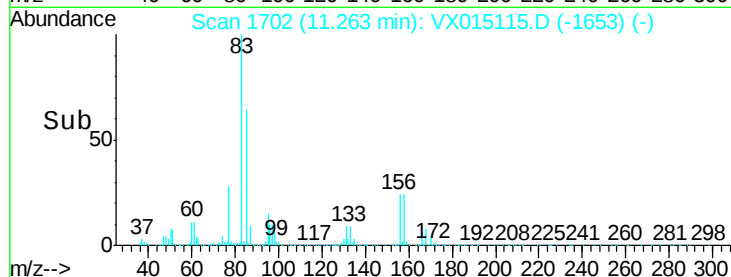
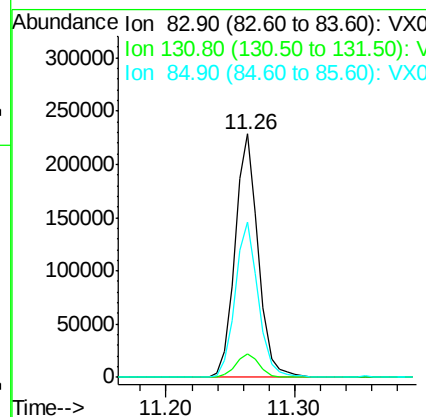
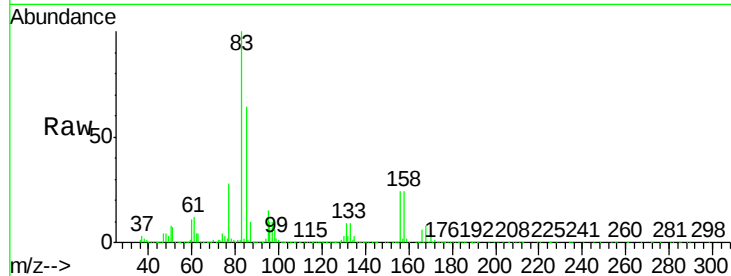
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	287392
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	14.9
85	63.8	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 40.768 ug/l m

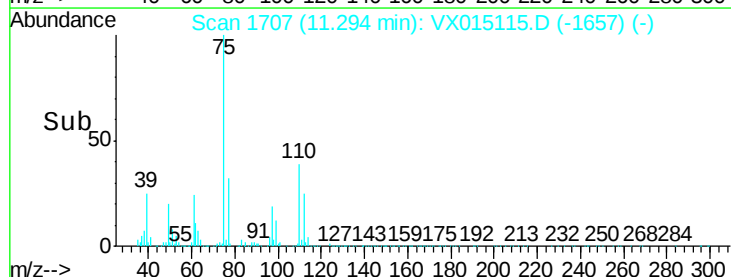
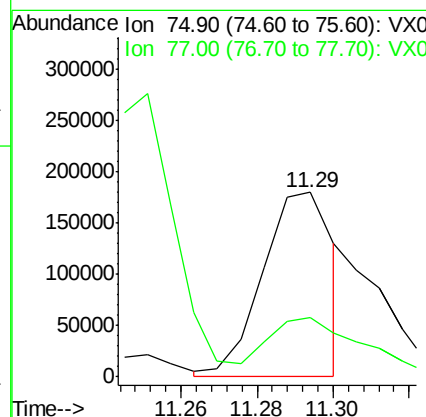
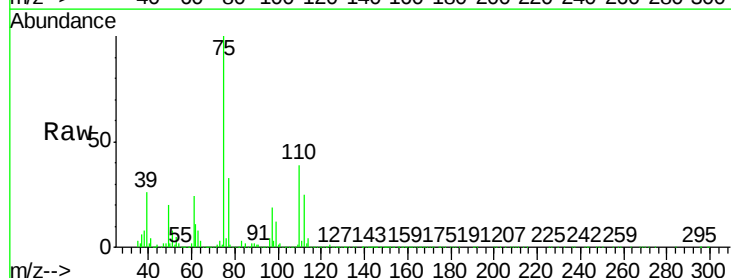
RT: 11.29 min Scan# 1707

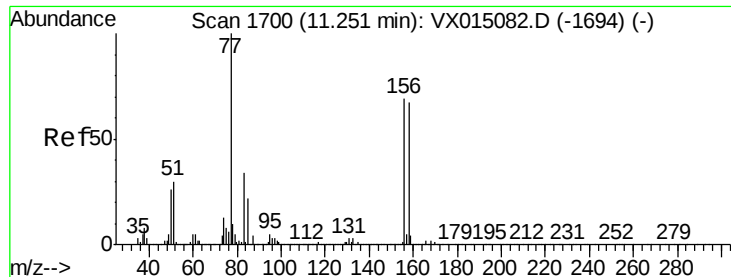
Delta R.T. 0.01 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Tgt Ion:	75	Resp:	233512
Ion Ratio	Lower	Upper	
75	100		
77	42.8	22.6	67.8





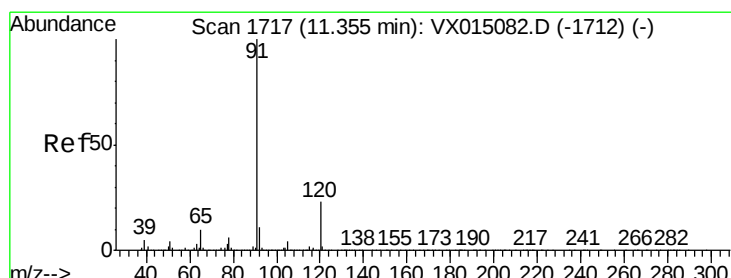
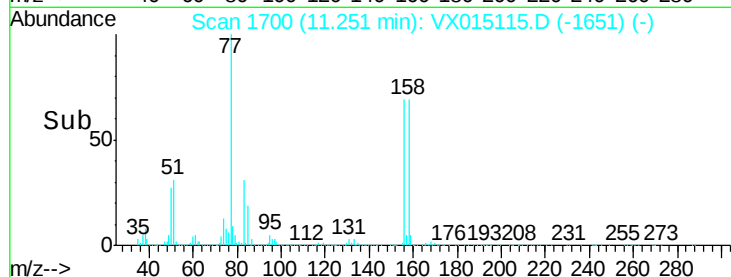
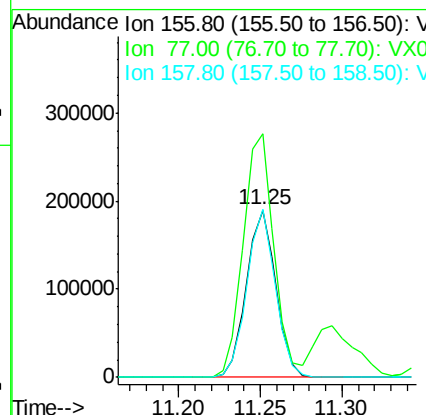
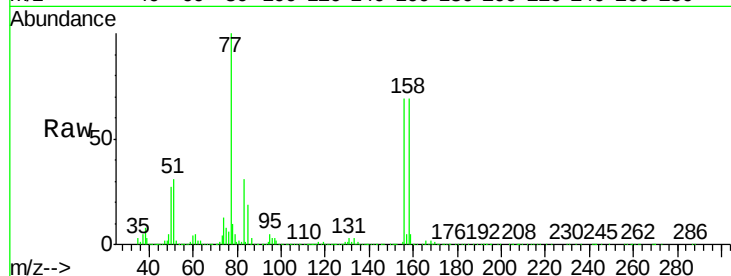
#77
Bromobenzene
Concen: 46.701 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.0	75.3	225.9
158	98.0	48.5	145.6

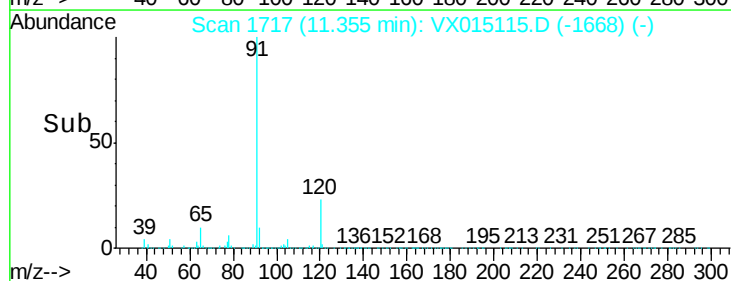
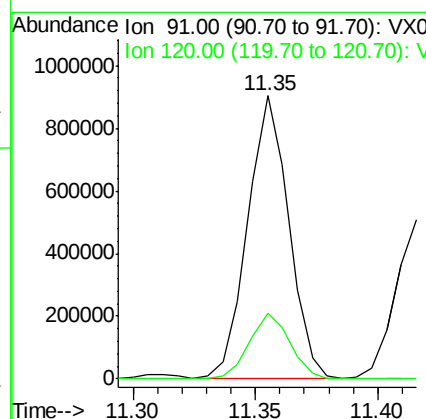
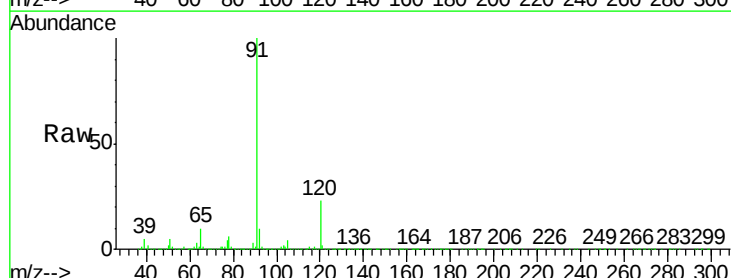
Manual Integrations
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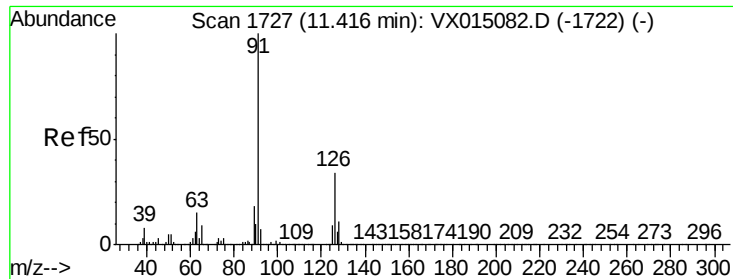
MMDadoda
3/6/2020 4:49:23 PM



#78
n-propylbenzene
Concen: 50.008 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.7	35.1





#79

2-Chlorotoluene

Concen: 48.624 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 608540

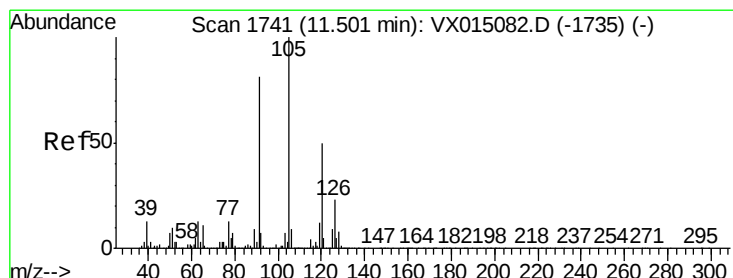
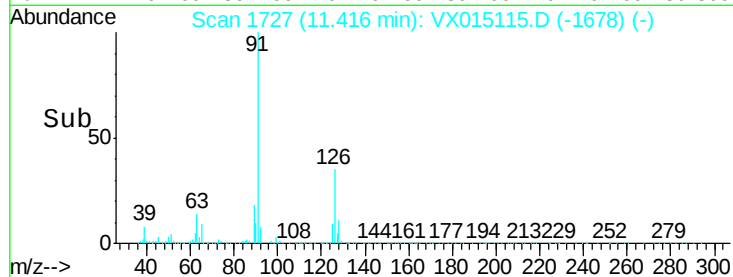
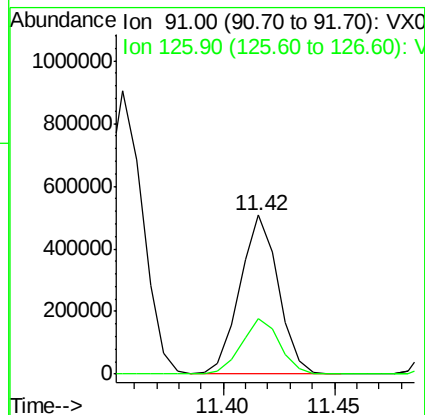
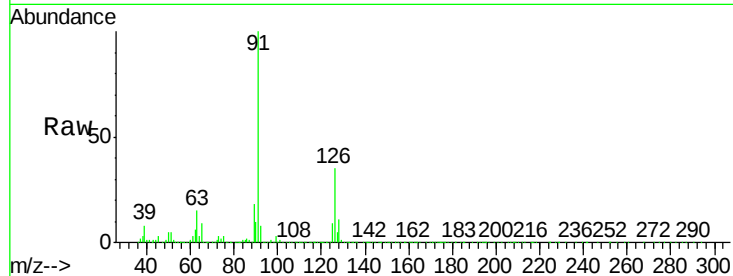
Ion Ratio Lower Upper

91 100

126 34.8 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 49.589 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015115.D

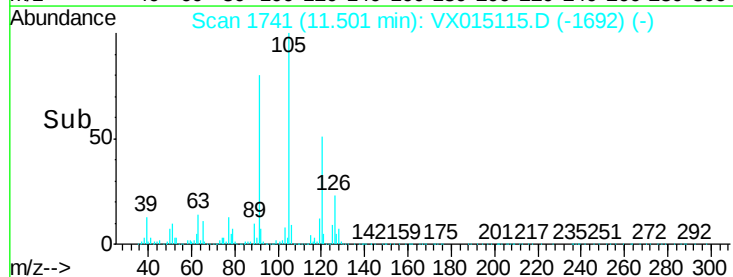
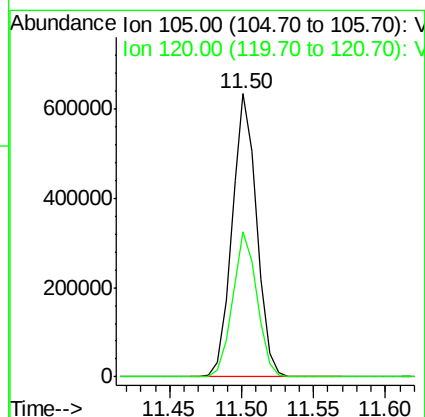
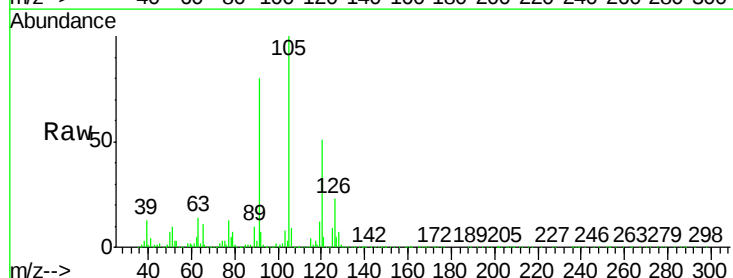
Acq: 05 Mar 2020 17:49

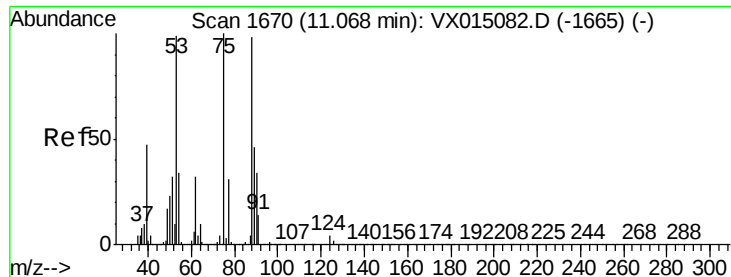
Tgt Ion: 105 Resp: 757233

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 45.837 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

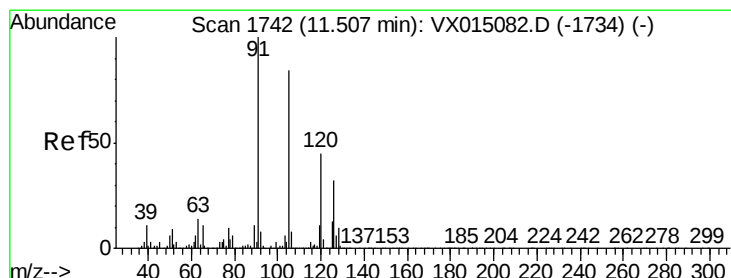
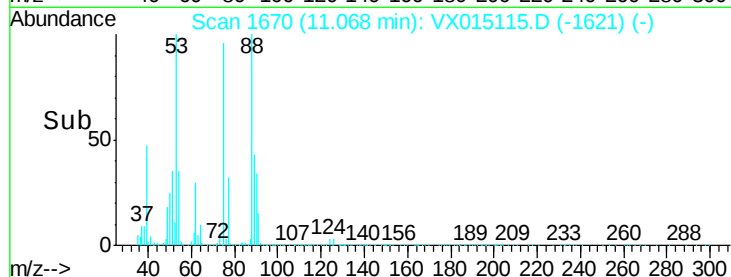
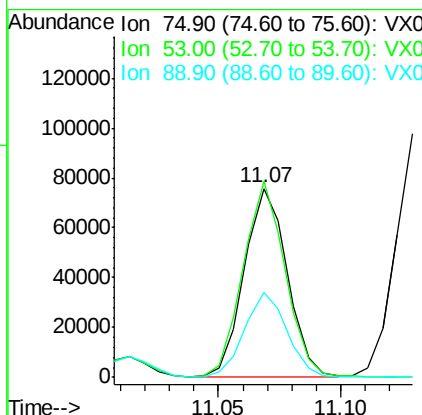
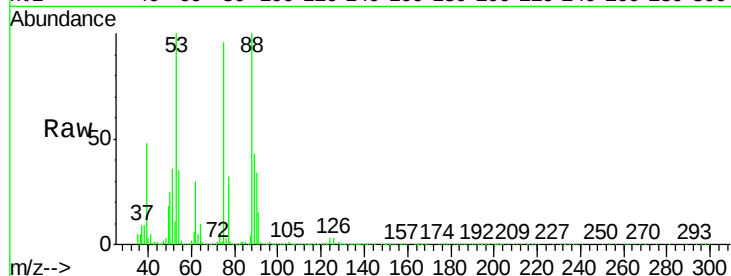
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	92511
Ion Ratio	Lower	Upper	
75	100		
53	100.7	77.9	116.9
89	45.0	36.2	54.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.381 ug/l

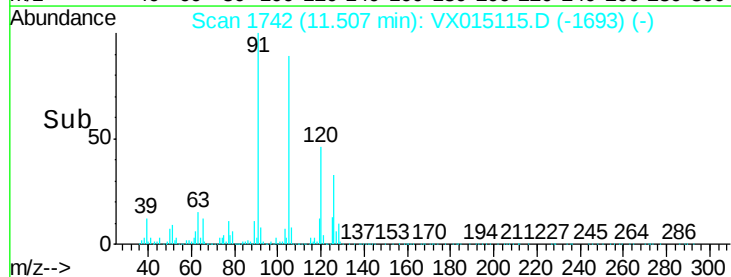
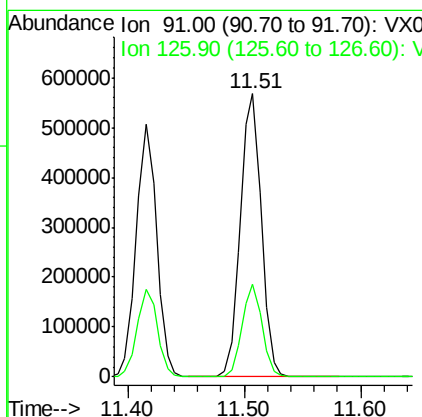
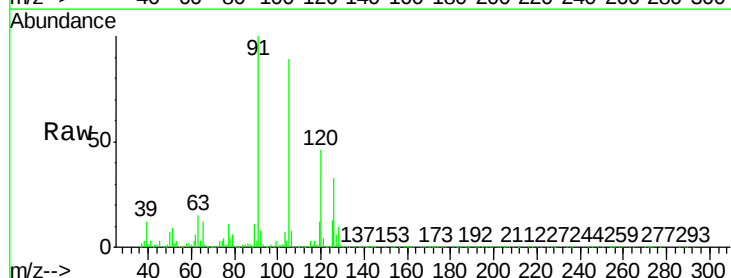
RT: 11.51 min Scan# 1742

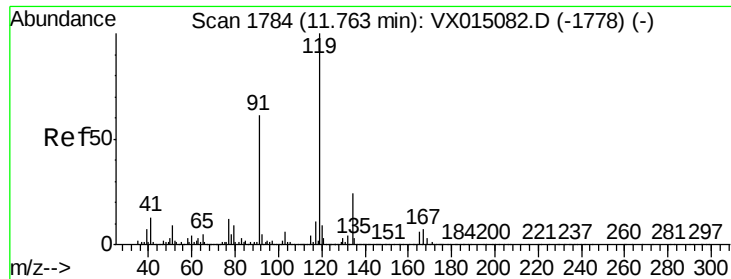
Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Tgt Ion:	91	Resp:	715359
Ion Ratio	Lower	Upper	
91	100		
126	31.0	15.4	46.2





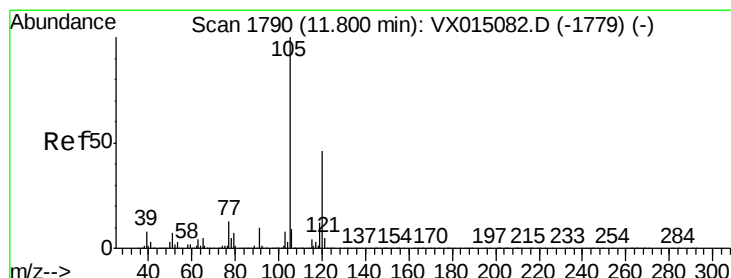
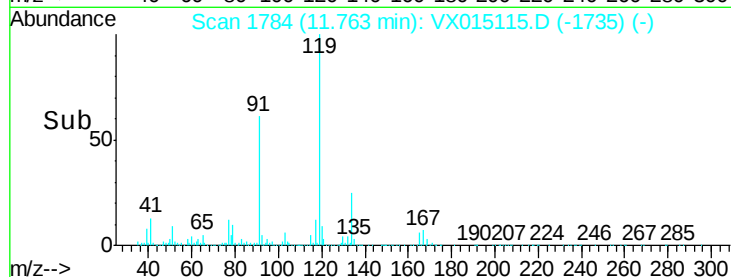
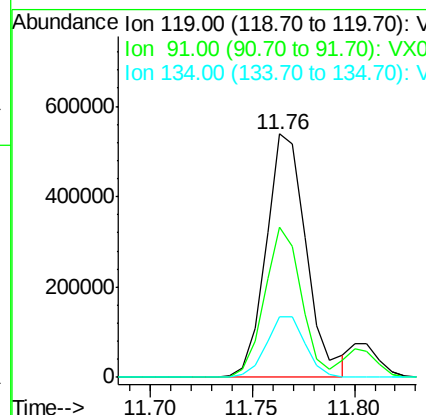
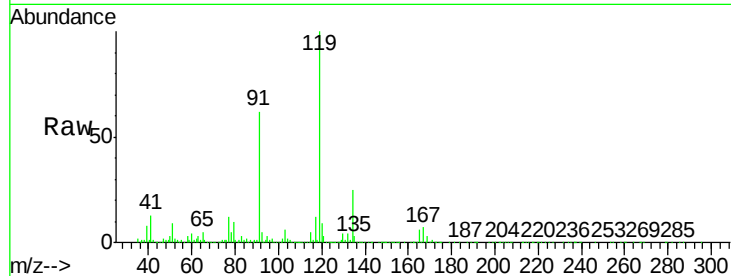
#83
tert-Butylbenzene
Concen: 50.003 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.5	28.5	85.6
134	24.2	11.9	35.7

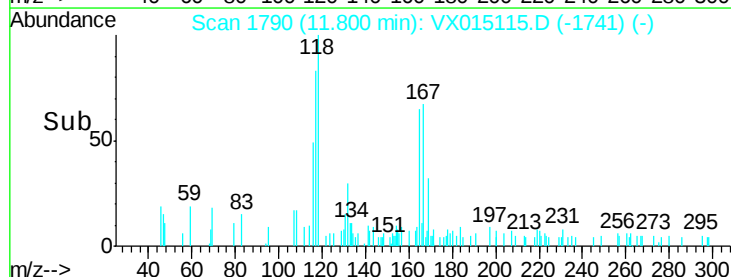
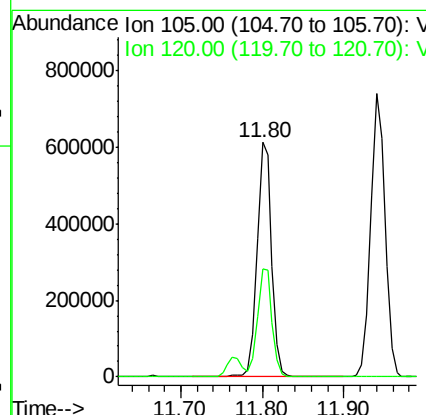
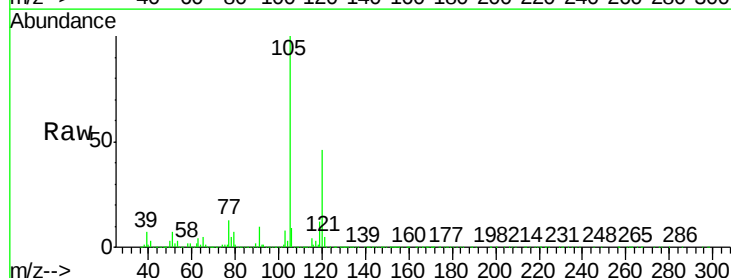
Manual Integrations
APPROVED

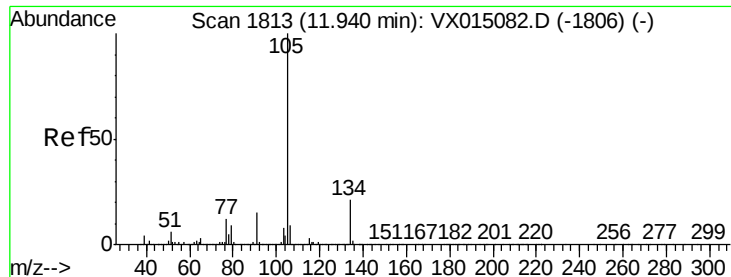
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#84
1,2,4-Trimethylbenzene
Concen: 49.889 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.9	68.5





#85

sec-Butylbenzene

Concen: 49.461 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 881596

Ion Ratio Lower Upper

105 100

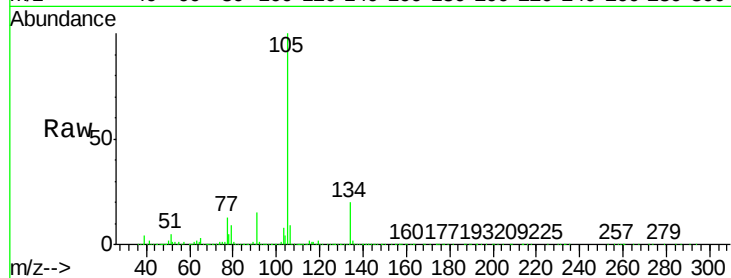
134 20.7 10.4 31.2

Manual Integrations

APPROVED

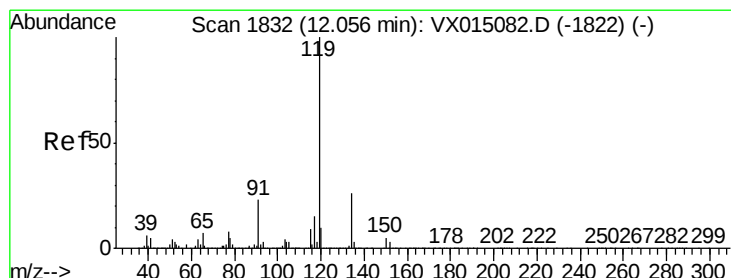
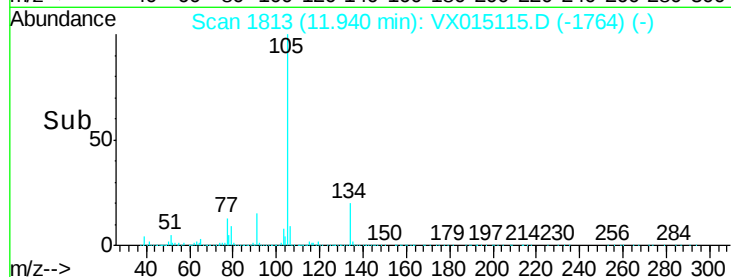
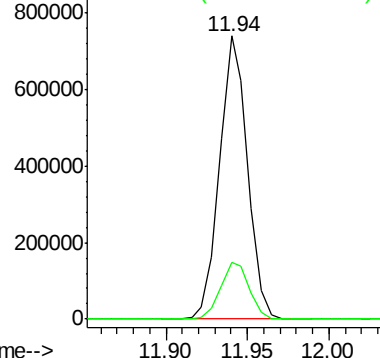
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.888 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

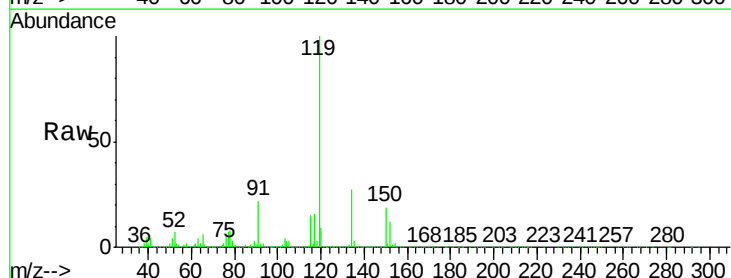
Tgt Ion:119 Resp: 819244

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

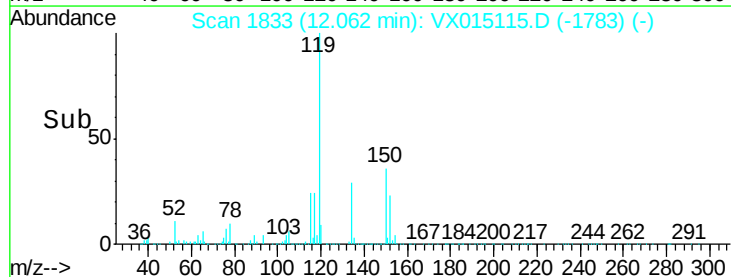
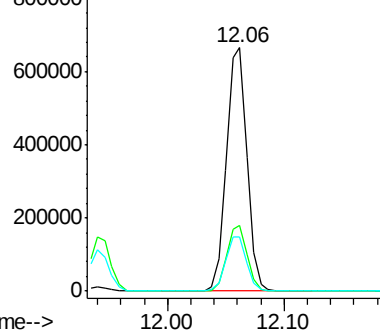
91 22.6 11.3 33.8

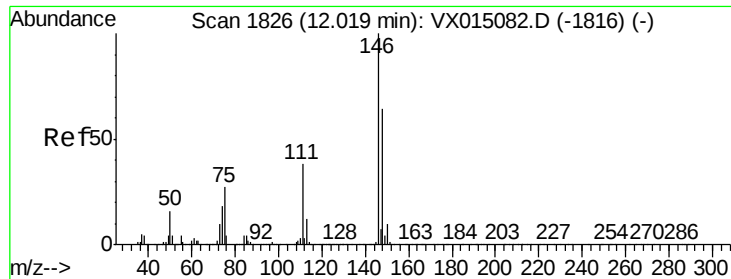


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 46.937 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

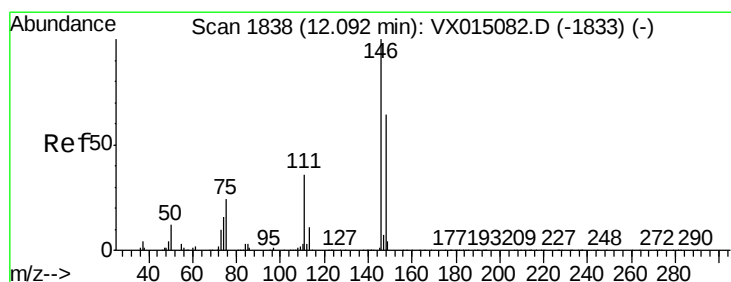
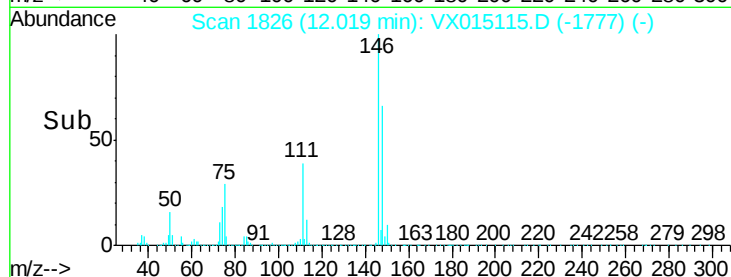
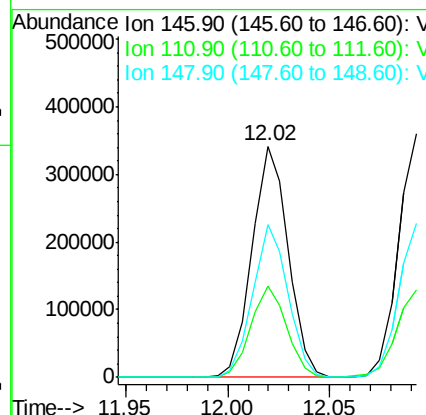
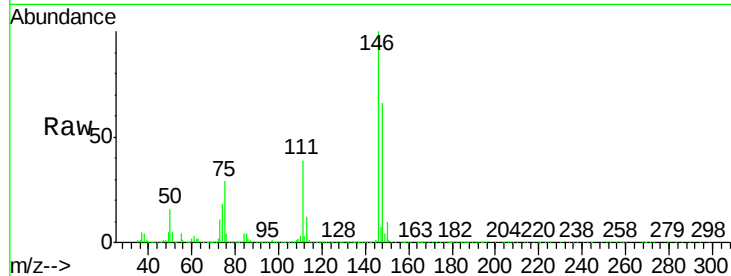
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.1	57.1
148	64.6	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 46.741 ug/l

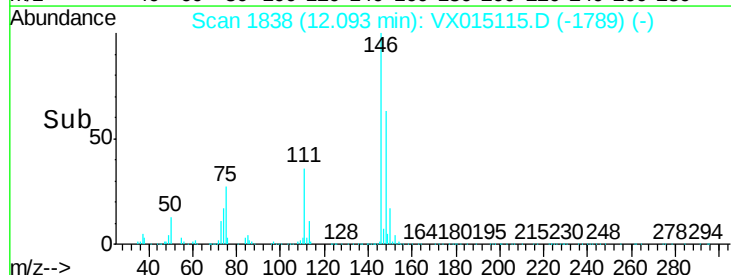
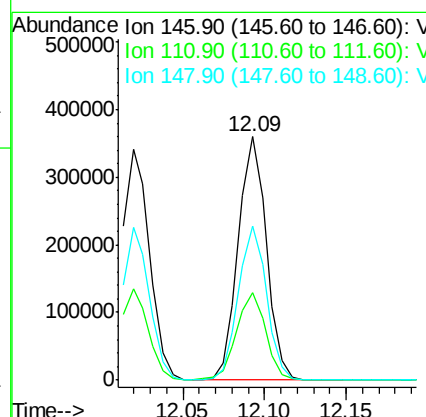
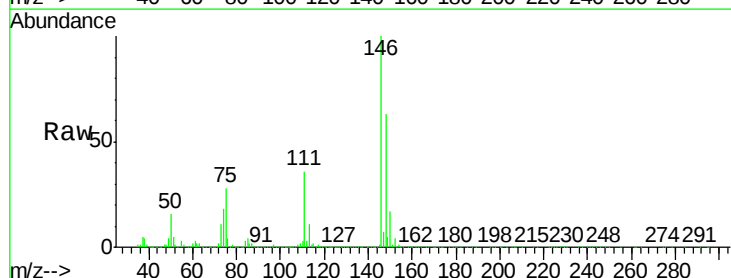
RT: 12.09 min Scan# 1838

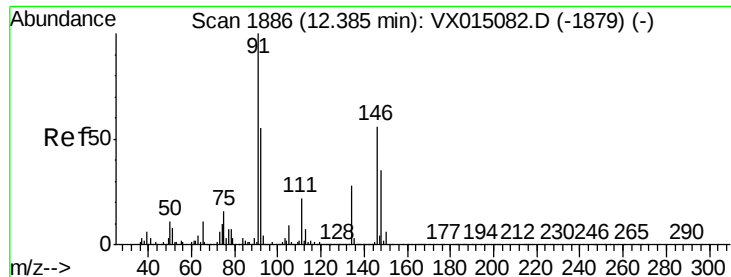
Delta R.T. 0.00 min

Lab File: VX015115.D

Acq: 05 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.7	56.1
148	63.2	32.5	97.4





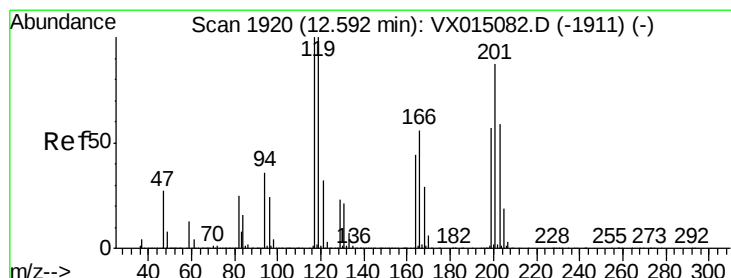
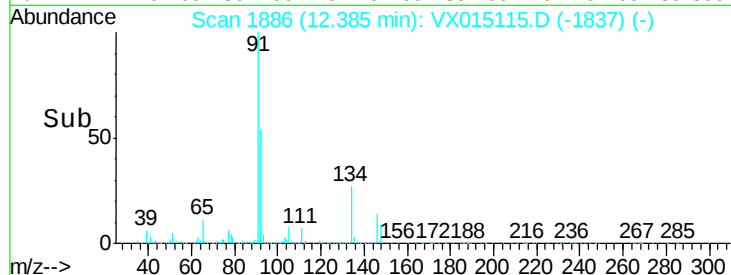
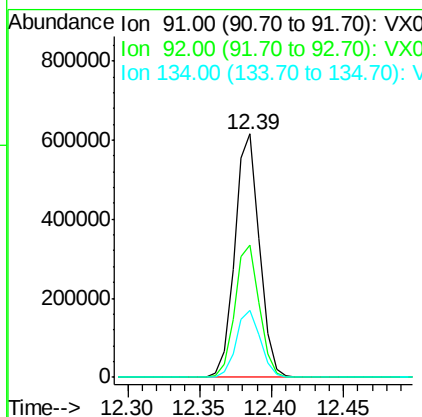
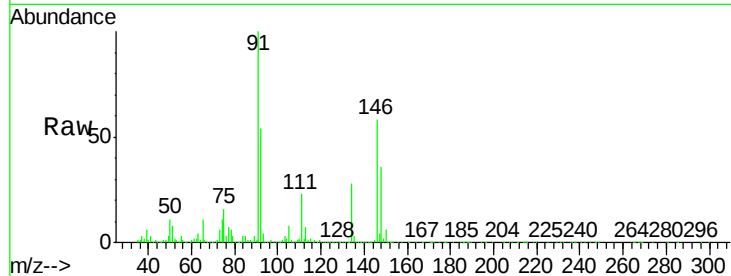
#89
n-Butylbenzene
Concen: 50.098 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.6
134	27.4	13.5	40.5

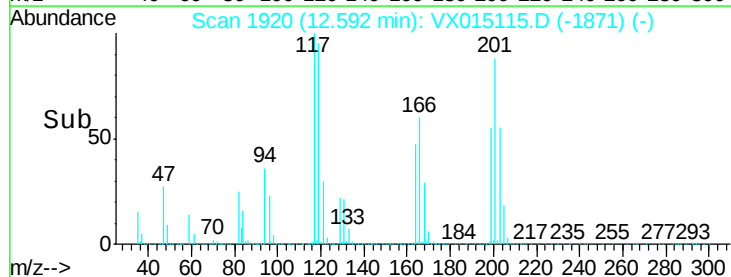
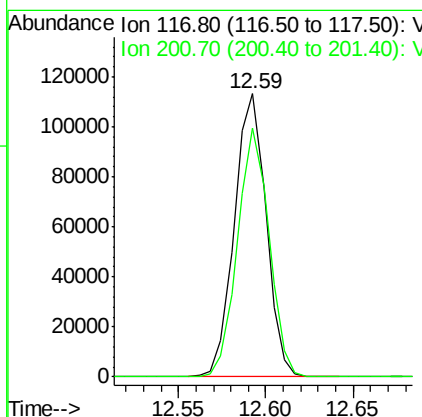
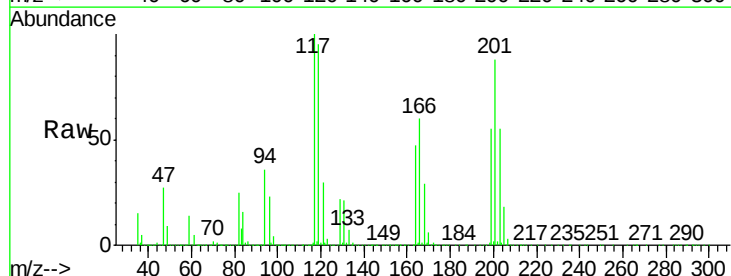
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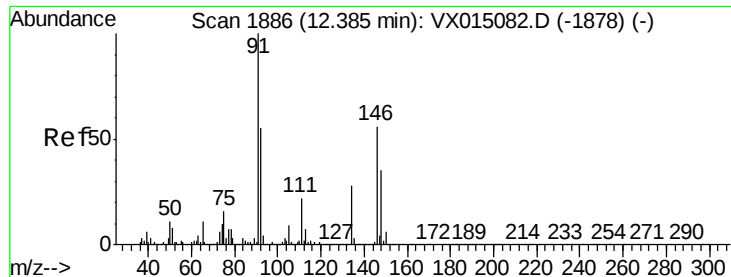
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#90
Hexachloroethane
Concen: 45.993 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.7	43.5	130.7





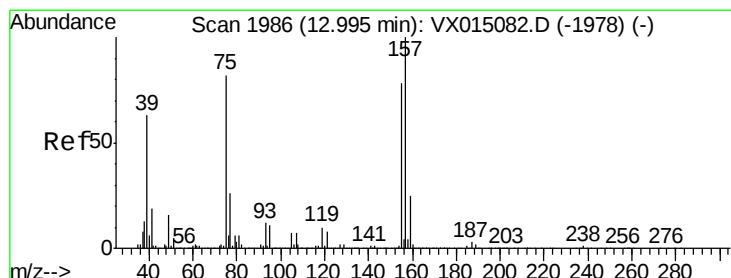
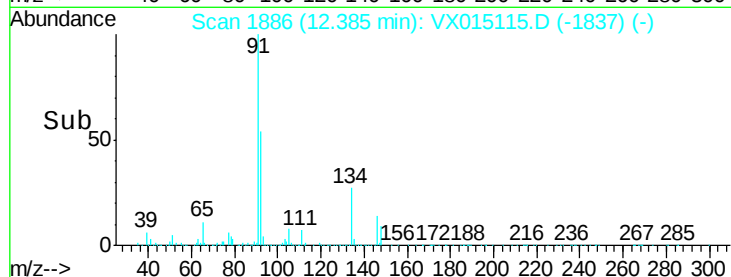
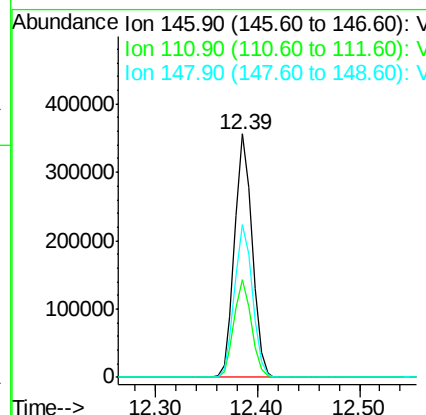
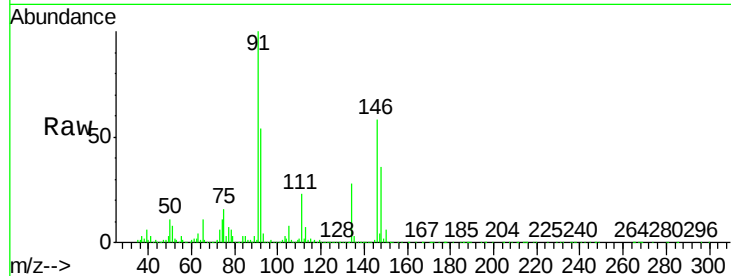
#91
 1,2-Dichlorobenzene
 Concen: 47.400 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015115.D
 Acq: 05 Mar 2020 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.7
148	63.6	32.3	96.8

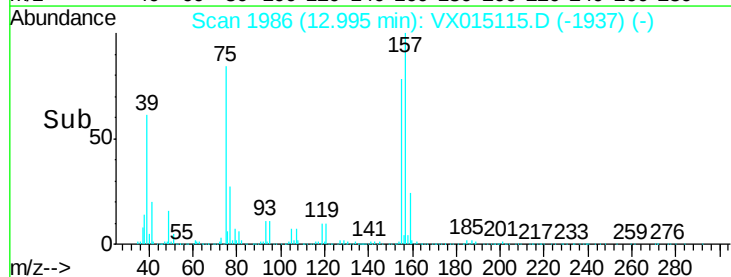
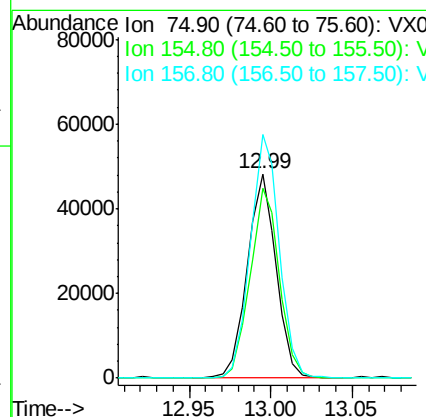
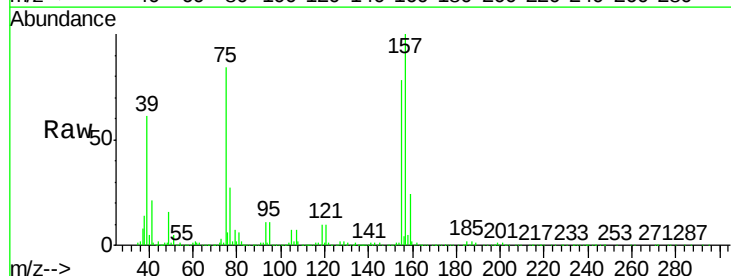
Manual Integrations
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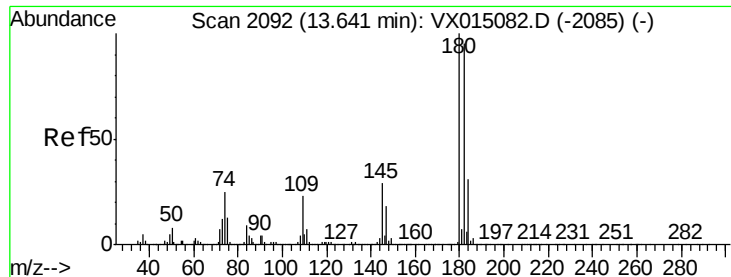
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.280 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015115.D
 Acq: 05 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.9	46.6	139.7
157	121.1	59.2	177.5





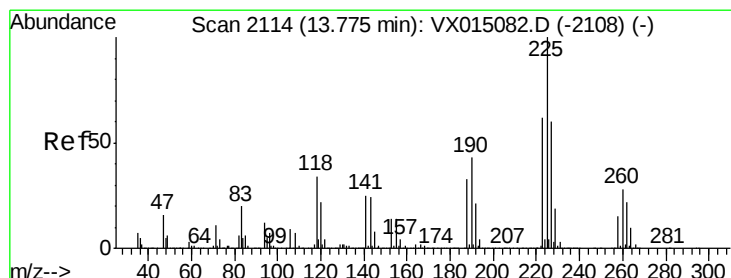
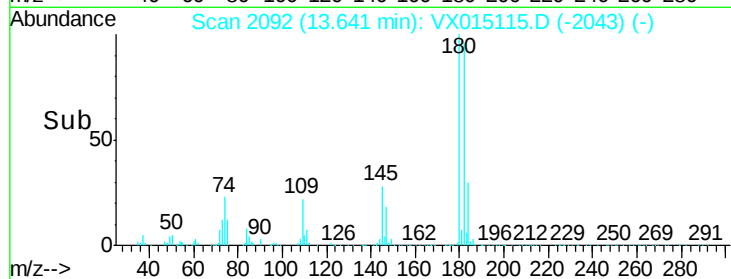
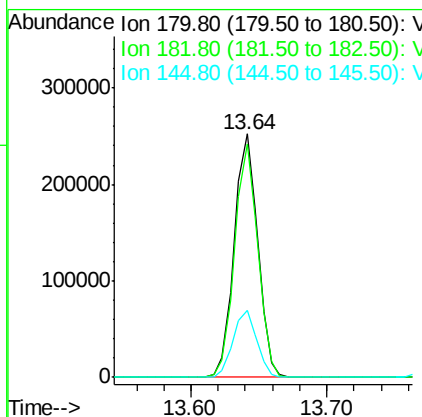
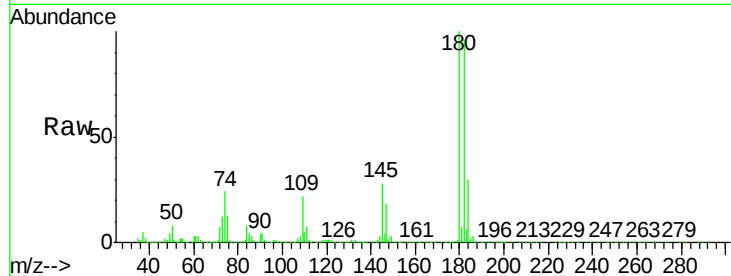
#93
 1,2,4-Trichlorobenzene
 Concen: 49.091 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015115.D
 Acq: 05 Mar 2020 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.6	142.8
145	27.8	14.1	42.2

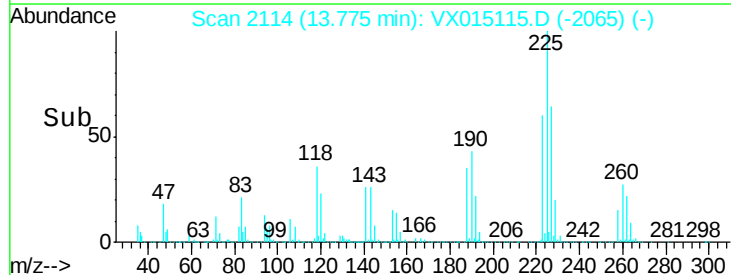
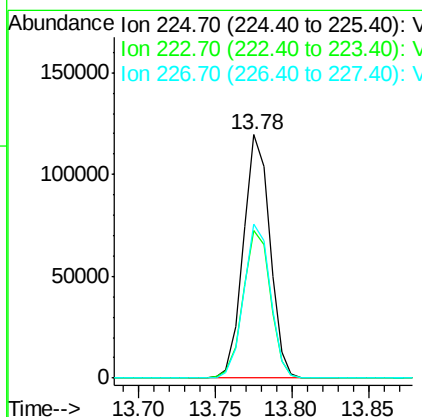
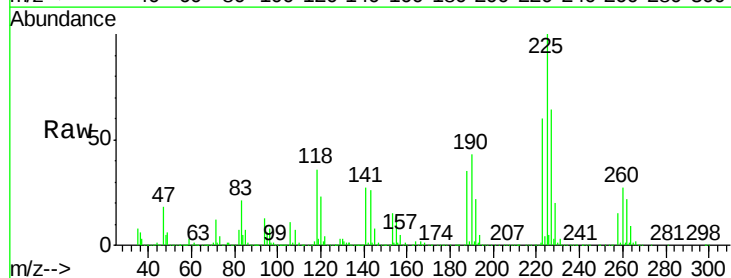
Manual Integrations
 APPROVED

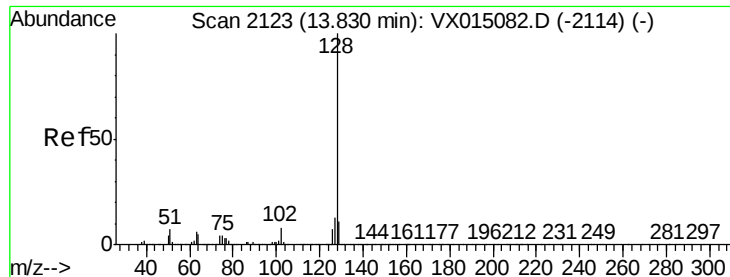
MMDadoda
 3/6/2020 4:49:23 PM



#94
 Hexachlorobutadiene
 Concen: 45.199 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015115.D
 Acq: 05 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.3	93.9
227	63.5	31.1	93.2





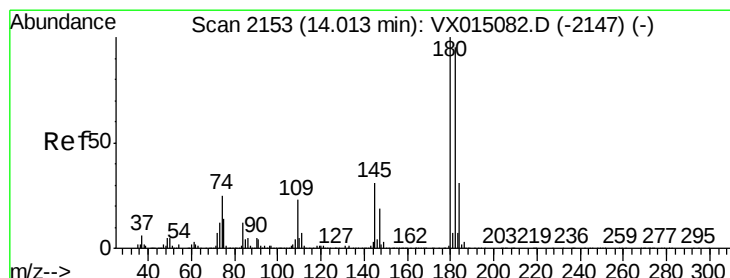
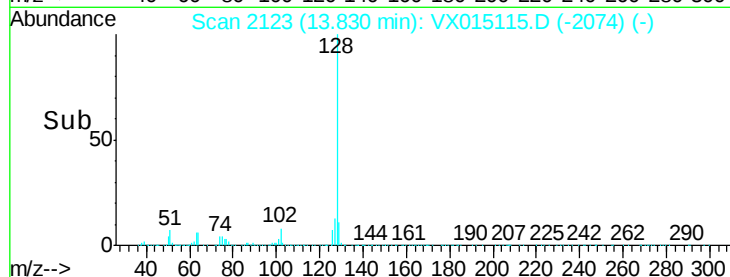
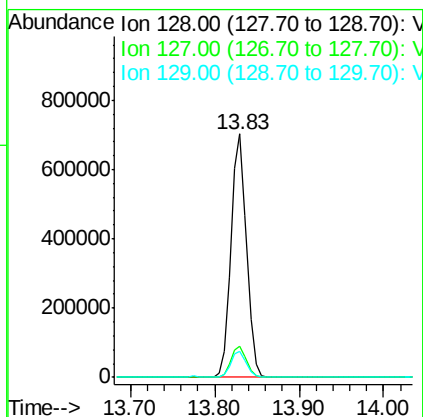
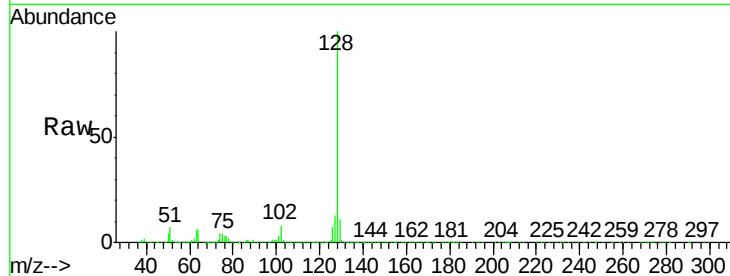
#95
Naphthalene
Concen: 45.792 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/6/2020 4:49:23 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.934 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015115.D
Acq: 05 Mar 2020 17:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.8	143.4
145	29.5	15.1	45.3

