

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031020\
 Data File : VX015183.D
 Acq On : 10 Mar 2020 19:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 3:21:18 PM

Quant Time: Mar 11 09:34:35 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	324245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	518188	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	493816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	266838	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	203829	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
35) Dibromofluoromethane	5.49	113	166321	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	8.71	98	637993	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
62) 4-Bromofluorobenzene	11.13	95	230947	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	141469	49.825	ug/l	97
3) Chloromethane	1.31	50	196153	48.770	ug/l	98
4) Vinyl Chloride	1.40	62	207115	50.785	ug/l	98
5) Bromomethane	1.63	94	113740	45.364	ug/l	99
6) Chloroethane	1.72	64	118669	48.507	ug/l	98
7) Trichlorofluoromethane	1.92	101	227839	46.951	ug/l	98
8) Diethyl Ether	2.18	74	105373	47.942	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	140658	46.071	ug/l	98
10) Methyl Iodide	2.50	142	146073	42.348	ug/l	99
11) Tert butyl alcohol	3.03	59	174801	261.910	ug/l	100
12) 1,1-Dichloroethene	2.37	96	145758	46.259	ug/l	100
13) Acrolein	2.28	56	143099	228.153	ug/l	99
14) Allyl chloride	2.72	41	275094	50.071	ug/l	93
15) Acrylonitrile	3.13	53	457210	275.077	ug/l	99
16) Acetone	2.43	43	353605	226.981	ug/l	97
17) Carbon Disulfide	2.56	76	386358	44.153	ug/l	100
18) Methyl Acetate	2.76	43	213020	55.922	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	490746	49.840	ug/l	100
20) Methylene Chloride	2.85	84	172429	47.295	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	163214	48.511	ug/l	98
22) Diisopropyl ether	3.84	45	579880	52.976	ug/l	96
23) Vinyl Acetate	3.80	43	2350037	261.178	ug/l	100
24) 1,1-Dichloroethane	3.69	63	303537	49.964	ug/l	99
25) 2-Butanone	4.65	43	640129	280.671	ug/l	99
26) 2,2-Dichloropropane	4.58	77	210669	43.682	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	194644	51.568	ug/l	97
28) Bromochloromethane	5.01	49	150003	54.223	ug/l	96
29) Tetrahydrofuran	5.11	42	438394	298.193	ug/l	97
30) Chloroform	5.20	83	320666	54.155	ug/l	96
31) Cyclohexane	5.58	56	266900	49.254	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	262885	53.558	ug/l	99
36) 1,1-Dichloropropene	5.79	75	233114	48.663	ug/l	99
37) Ethyl Acetate	4.82	43	250471	56.366	ug/l	99
38) Carbon Tetrachloride	5.78	117	223684	49.468	ug/l	99

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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)
39) Methylcyclohexane	7.46	83	271861	48.601	ug/l	98
40) Benzene	6.14	78	720137	50.669	ug/l	99
41) Methacrylonitrile	5.03	41	145262	54.424	ug/l	97
42) 1,2-Dichloroethane	6.19	62	256481	52.549	ug/l	98
43) Isopropyl Acetate	6.44	43	416008	53.217	ug/l	99
44) Trichloroethene	7.21	130	202970	51.280	ug/l	98
45) 1,2-Dichloropropane	7.51	63	189511	51.515	ug/l	97
46) Dibromomethane	7.65	93	125703	52.441	ug/l	97
47) Bromodichloromethane	7.89	83	249213	52.575	ug/l	98
48) Methyl methacrylate	7.76	41	211147	53.070	ug/l	98
49) 1,4-Dioxane	7.73	88	91947	1068.860	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1329226	287.588	ug/l	100
52) Toluene	8.78	92	459394	52.864	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	262477	52.023	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	298283	52.295	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	189481	52.975	ug/l	99
56) Ethyl methacrylate	9.17	69	289697	56.783	ug/l	99
57) 1,3-Dichloropropane	9.37	76	315555	52.439	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	745501	268.228	ug/l	100
59) 2-Hexanone	9.48	43	1004678	293.273	ug/l	100
60) Dibromochloromethane	9.58	129	200964	53.487	ug/l	98
61) 1,2-Dibromoethane	9.67	107	194225	51.698	ug/l	100
64) Tetrachloroethene	9.33	164	202283	49.544	ug/l	98
65) Chlorobenzene	10.14	112	494943	49.923	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	185768	49.693	ug/l	99
67) Ethyl Benzene	10.25	91	869760	51.663	ug/l	100
68) m/p-Xylenes	10.36	106	668123	104.310	ug/l	99
69) o-Xylene	10.70	106	321394	52.408	ug/l	99
70) Styrene	10.71	104	557907	53.059	ug/l	99
71) Bromoform	10.85	173	149117	51.438	ug/l	99
73) Isopropylbenzene	11.01	105	848897	49.801	ug/l	100
74) N-amyl acetate	10.89	43	360356	50.163	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	278895	49.095	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	227299m	42.704	ug/l	
77) Bromobenzene	11.25	156	223983	47.150	ug/l	98
78) n-propylbenzene	11.35	91	977667	50.203	ug/l	100
79) 2-Chlorotoluene	11.42	91	577908	49.691	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	710147	50.046	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	88454	47.164	ug/l	97
82) 4-Chlorotoluene	11.51	91	670814	48.822	ug/l	100
83) tert-Butylbenzene	11.76	119	692290	50.456	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	726845	50.988	ug/l	99
85) sec-Butylbenzene	11.94	105	833706	50.335	ug/l	100
86) p-Isopropyltoluene	12.06	119	769335	50.415	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	399437	47.831	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	403727	46.826	ug/l	99
89) n-Butylbenzene	12.39	91	675441	49.766	ug/l	99
90) Hexachloroethane	12.59	117	135104	46.830	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	403202	48.563	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	58424	51.360	ug/l	97

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ClientSampleId :
VSTDCCC050EC

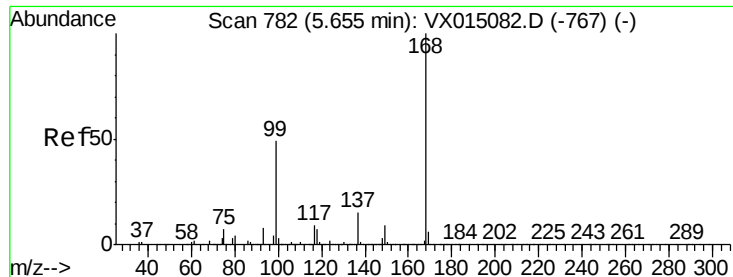
Manual Integrations
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3/11/2020 3:21:18 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	278908	48.394	ug/l	100
94) Hexachlorobutadiene	13.78	225	134860	45.601	ug/l	99
95) Naphthalene	13.83	128	838245	47.531	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	279440	48.597	ug/l	99

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



#1

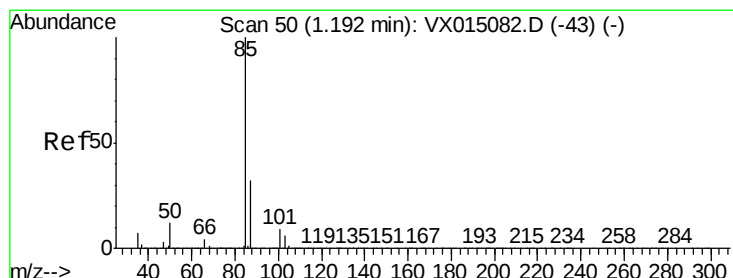
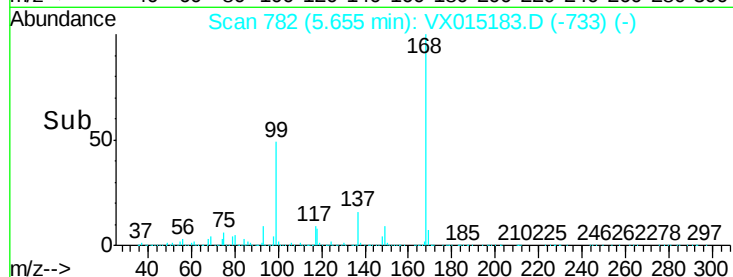
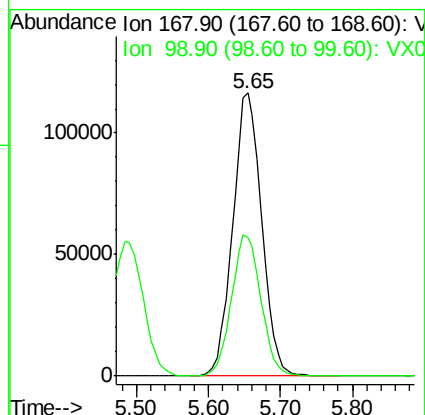
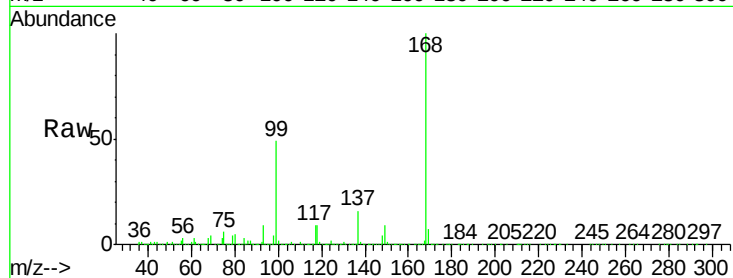
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.9	39.4	59.2

Manual Integrations
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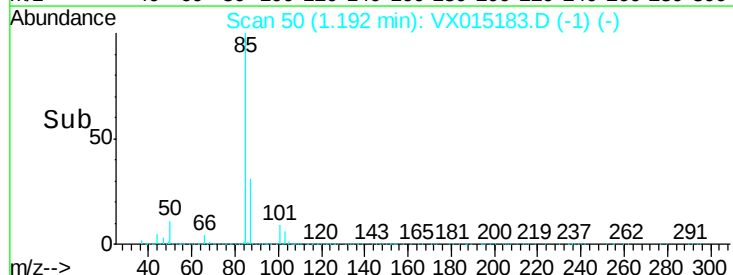
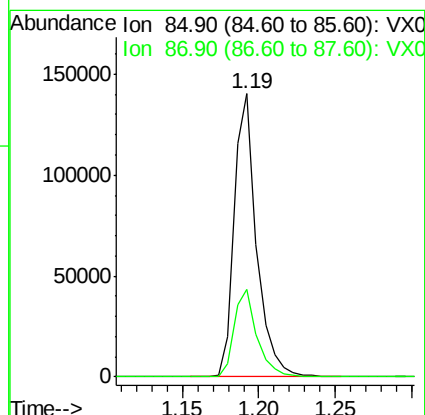
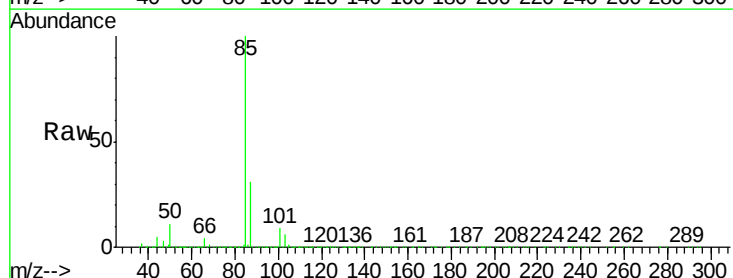
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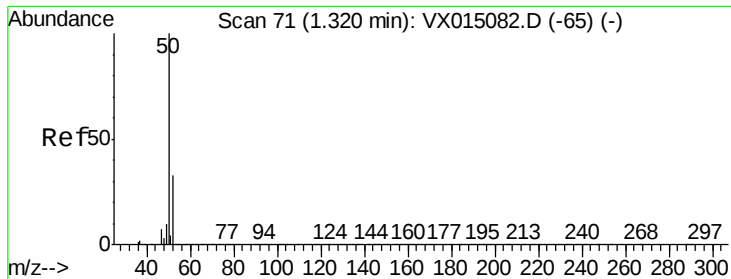


#2

Dichlorodifluoromethane
 Concen: 49.825 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.8	16.2	48.5





#3

Chloromethane

Concen: 48.770 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 196153

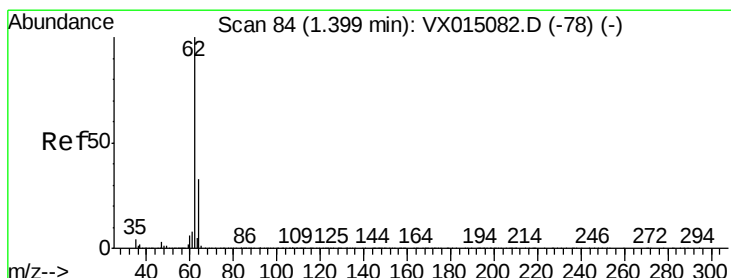
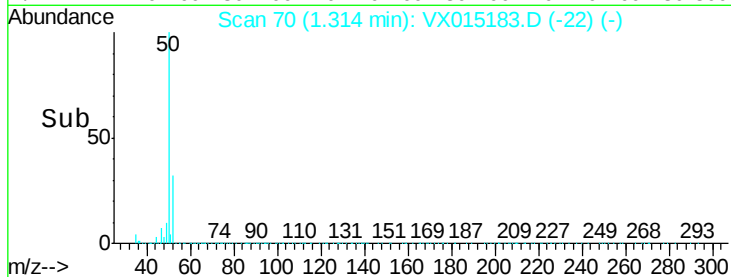
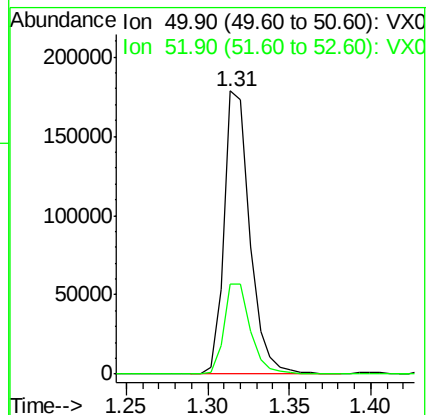
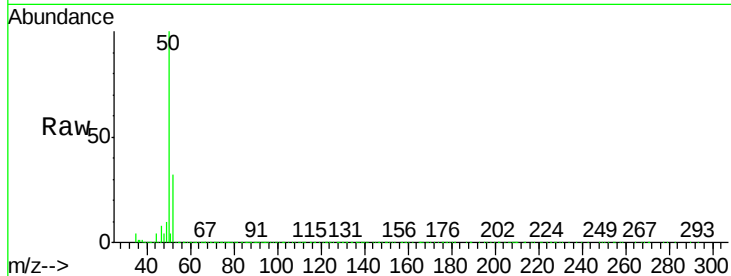
Ion Ratio Lower Upper

50 100

52 31.7 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 50.785 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015183.D

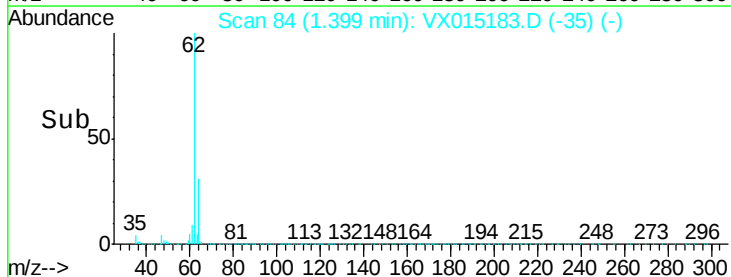
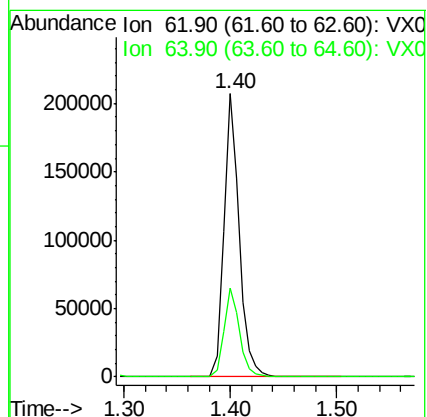
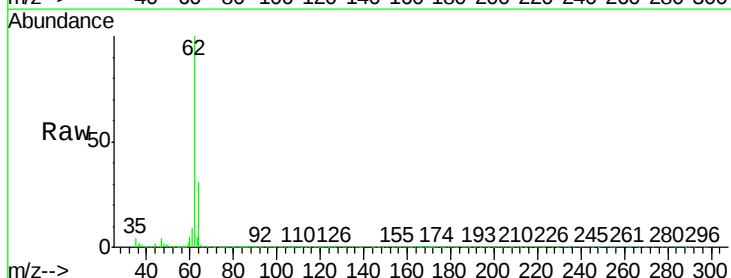
Acq: 10 Mar 2020 19:50

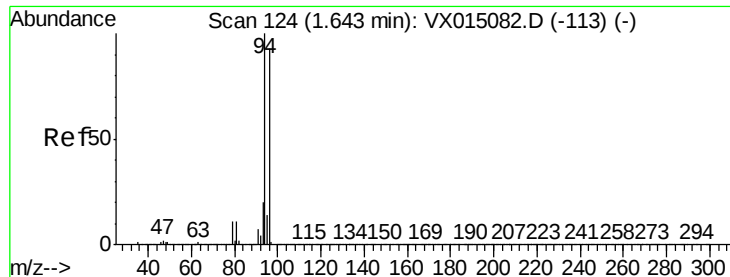
Tgt Ion: 62 Resp: 207115

Ion Ratio Lower Upper

62 100

64 31.2 26.1 39.1





#5

Bromomethane

Concen: 45.364 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 113740

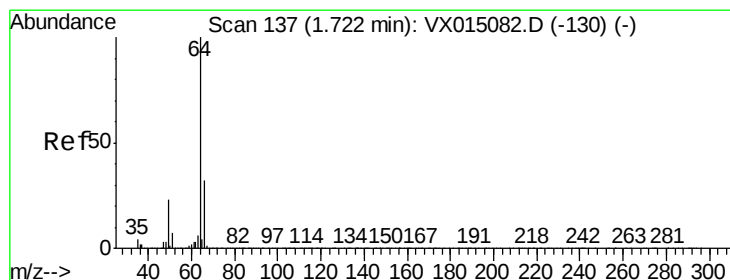
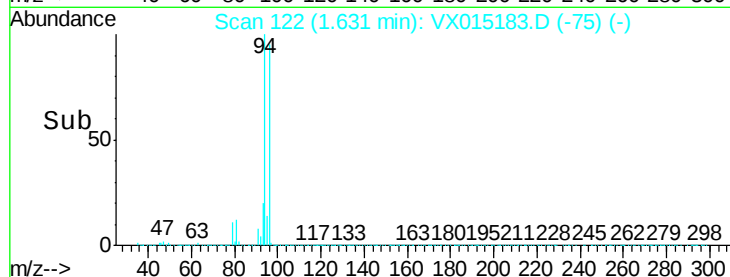
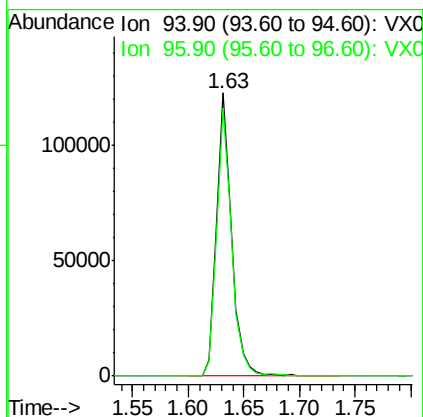
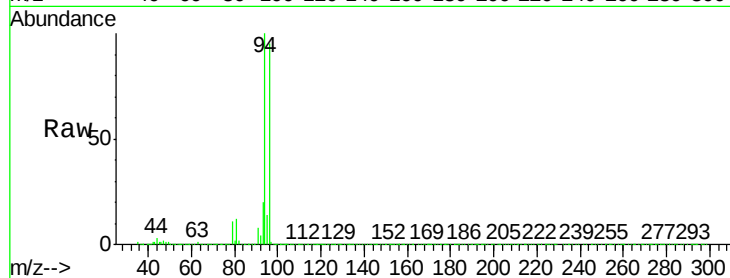
Ion Ratio Lower Upper

94 100

96 94.4 74.6 111.8

Manual Integrations
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#6

Chloroethane

Concen: 48.507 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015183.D

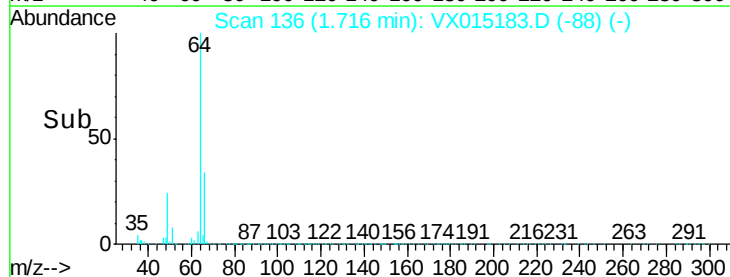
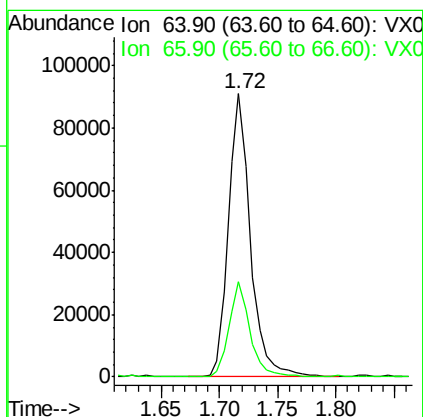
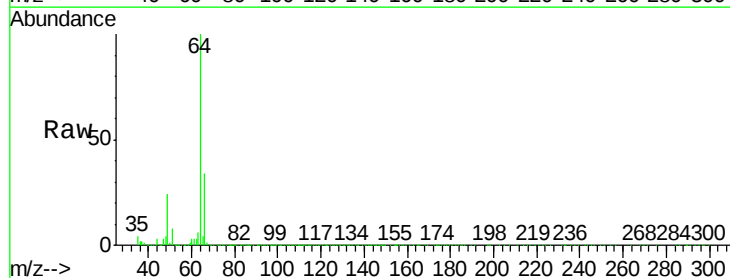
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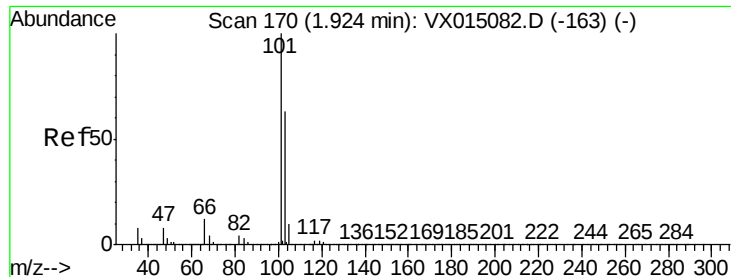
Tgt Ion: 64 Resp: 118669

Ion Ratio Lower Upper

64 100

66 33.5 25.8 38.8





#7

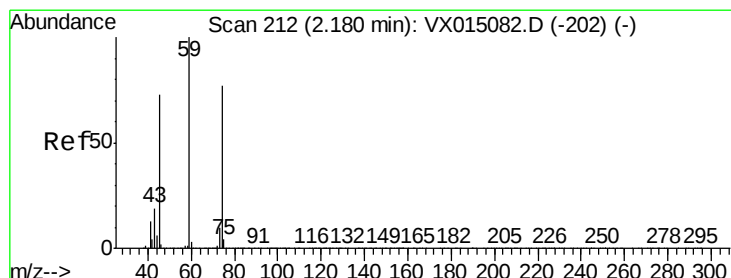
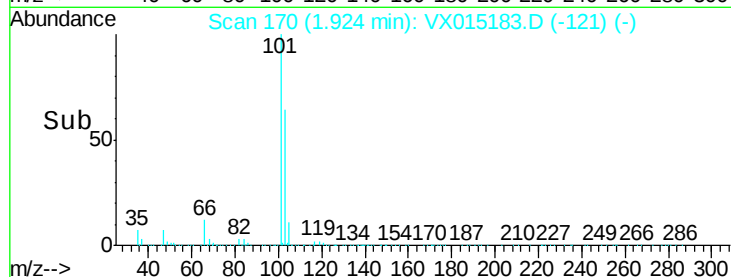
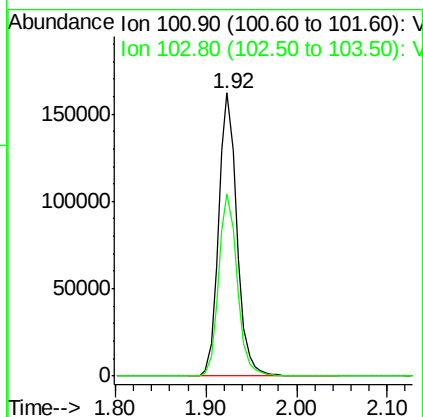
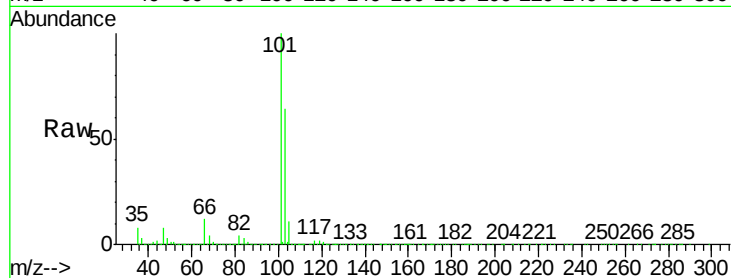
Trichlorofluoromethane
Concen: 46.951 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	50.4	75.6

Manual Integrations
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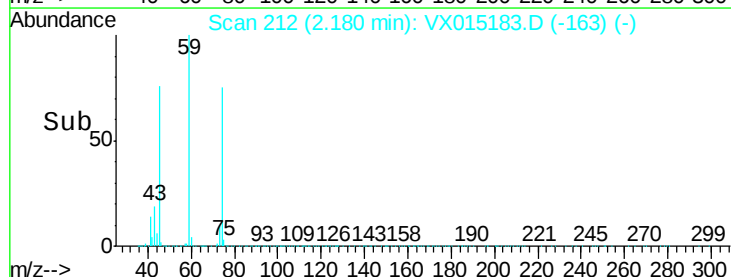
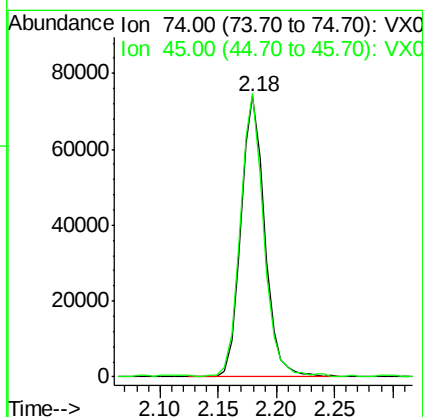
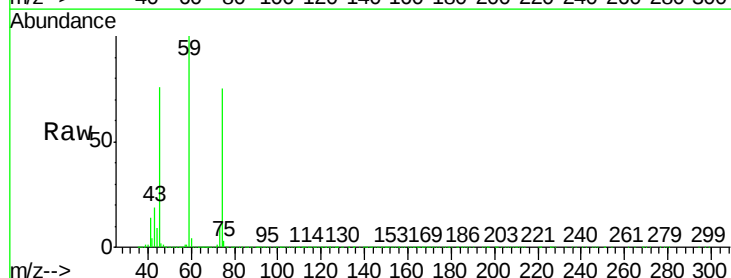
MMDadoda
3/11/2020 3:21:18 PM

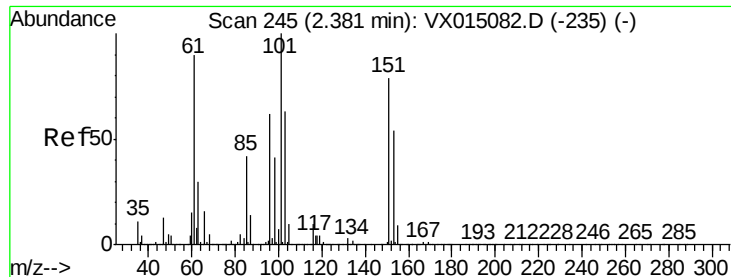


#8

Diethyl Ether
Concen: 47.942 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.4	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.071 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

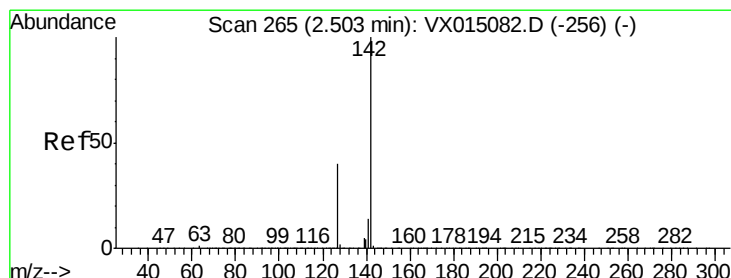
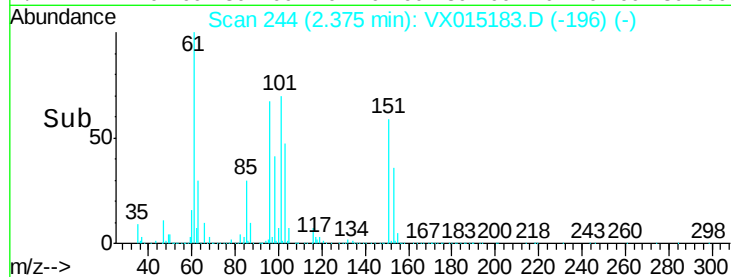
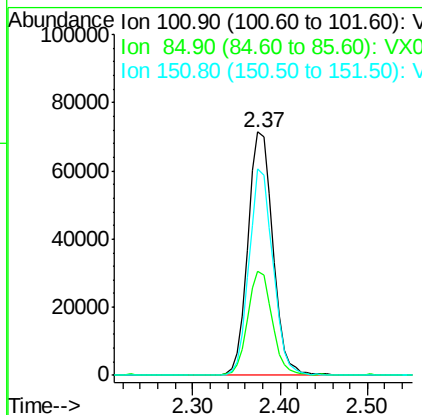
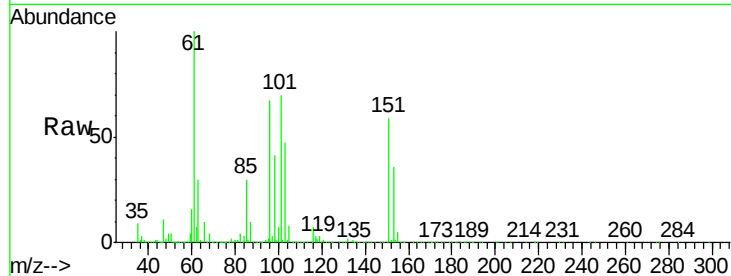
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	140658
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.7	50.5
151	82.0	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 42.348 ug/l

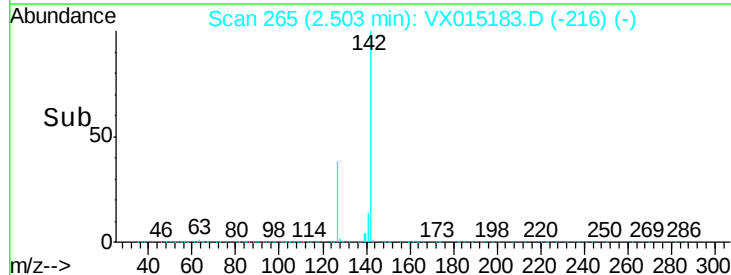
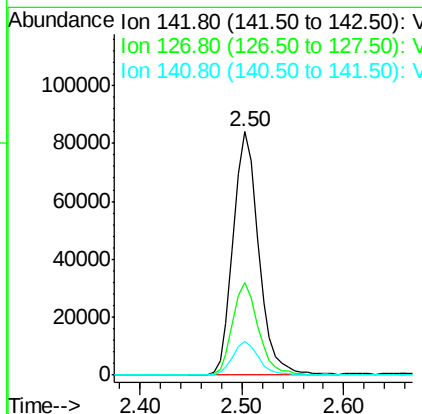
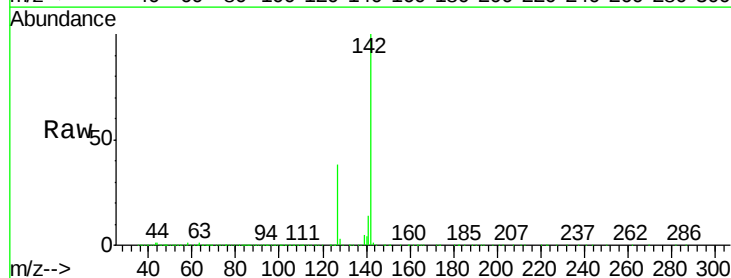
RT: 2.50 min Scan# 265

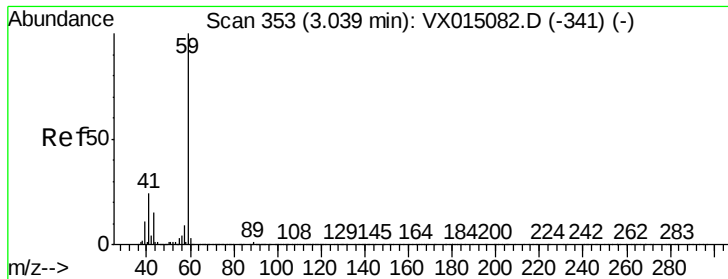
Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Tgt Ion:	142	Resp:	146073
Ion Ratio	Lower	Upper	
142	100		
127	38.4	31.7	47.5
141	14.2	11.3	16.9





#11

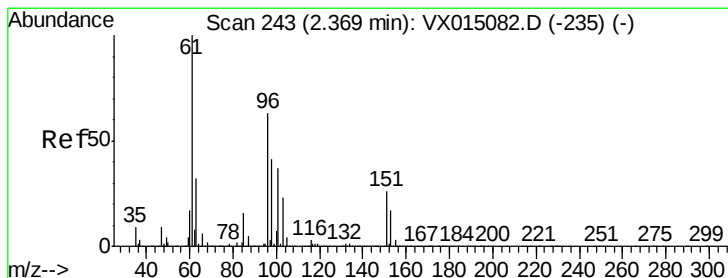
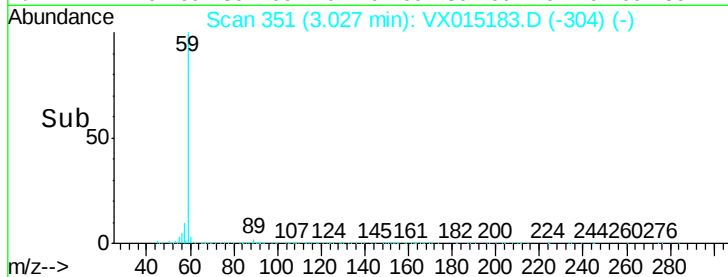
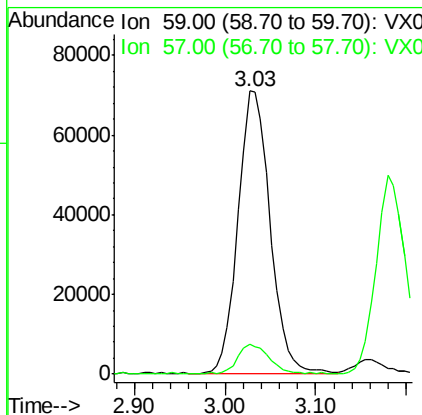
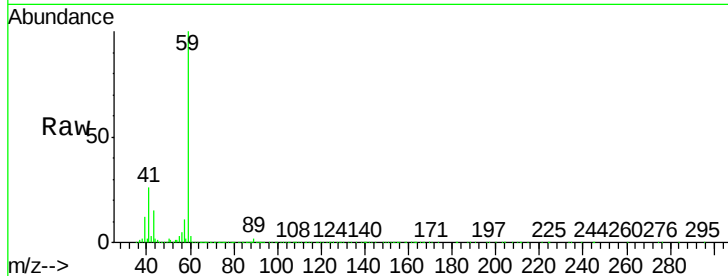
Tert butyl alcohol
Concen: 261.910 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

Manual Integrations
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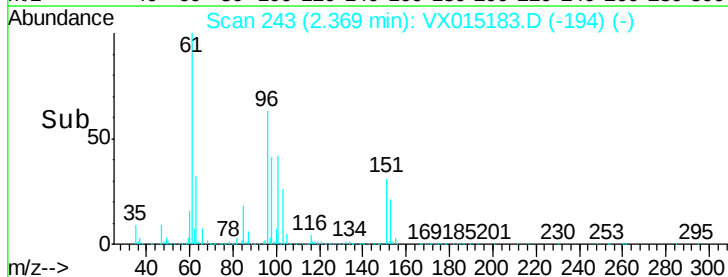
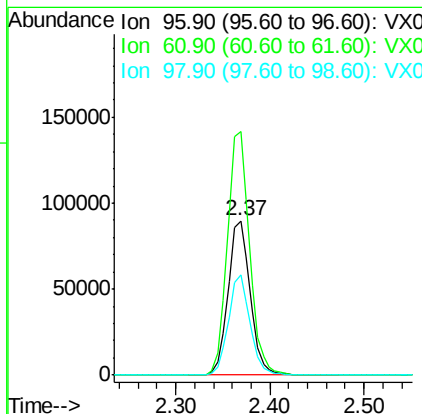
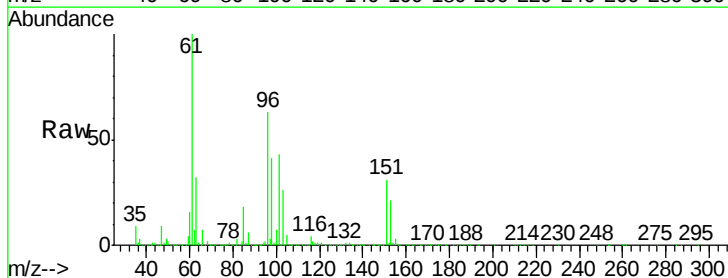
MMDadoda
3/11/2020 3:21:18 PM

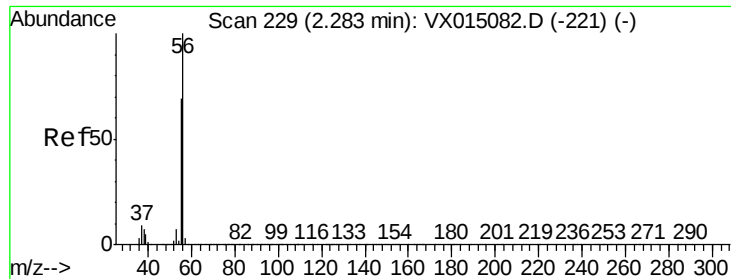


#12

1,1-Dichloroethene
Concen: 46.259 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.1	126.2	189.4
98	64.8	51.4	77.0





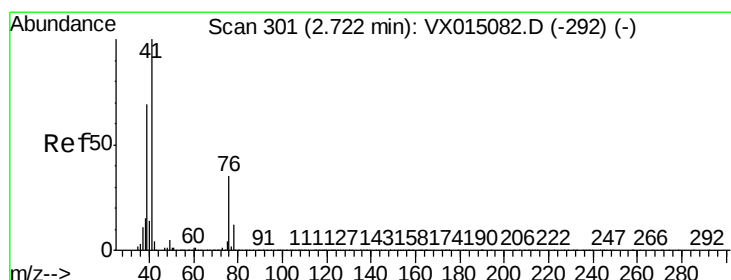
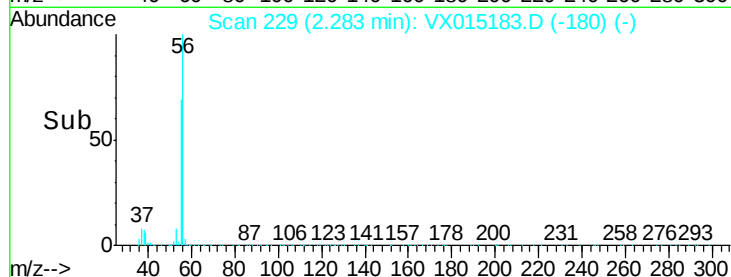
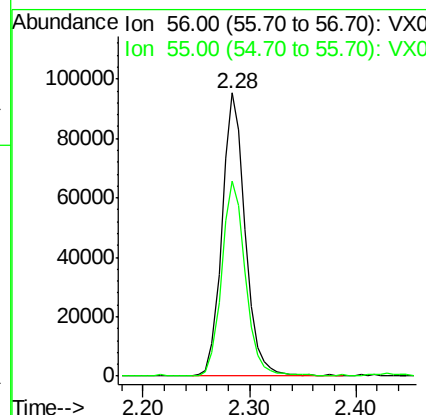
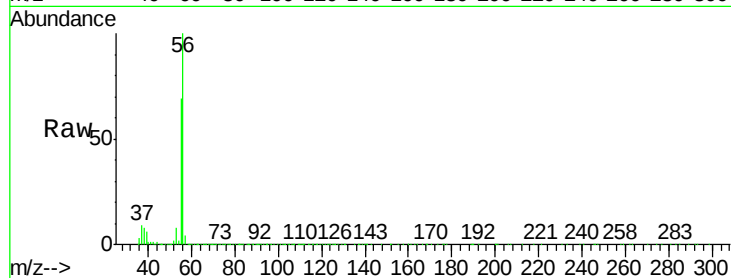
#13
Acrolein
Concen: 228.153 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	70.2	55.4	83.0

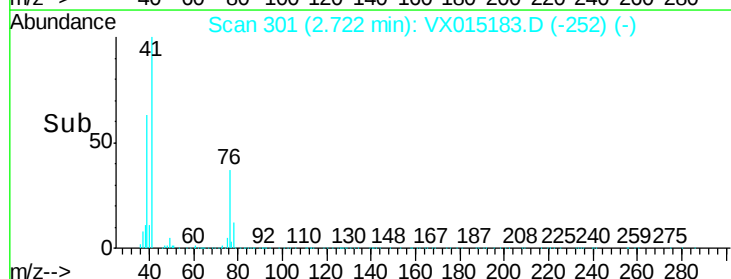
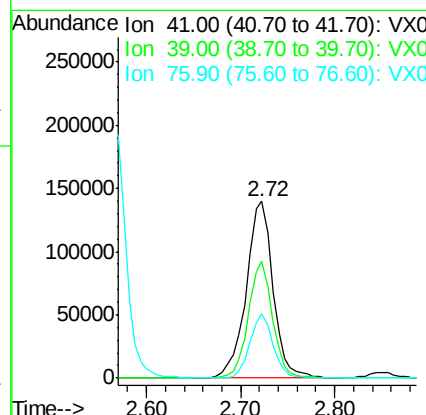
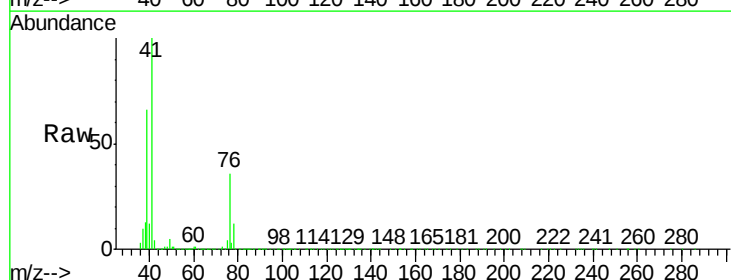
Manual Integrations
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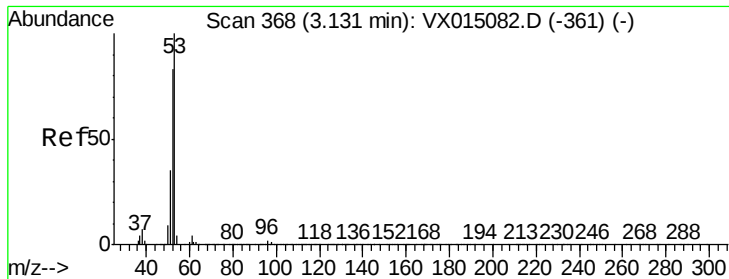
MMDadoda
3/11/2020 3:21:18 PM



#14
Allyl chloride
Concen: 50.071 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	60.0	52.9	79.3
76	76	31.1	26.8	40.2





#15

Acrylonitrile

Concen: 275.077 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

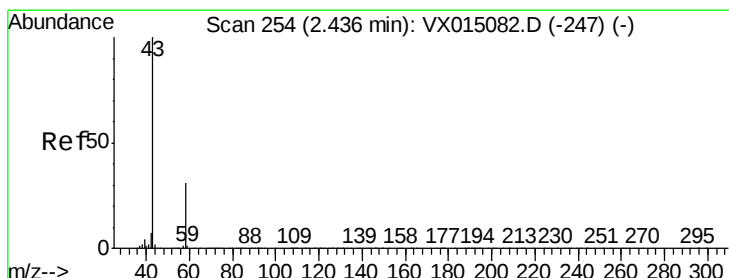
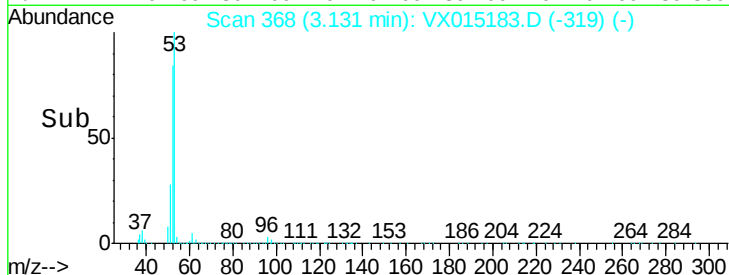
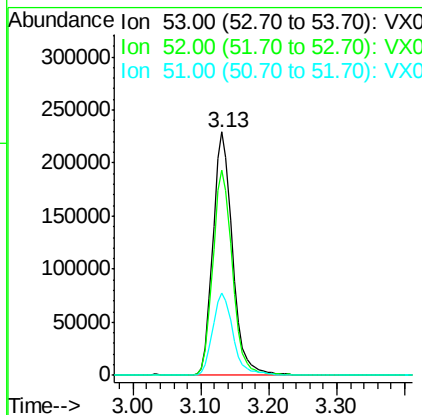
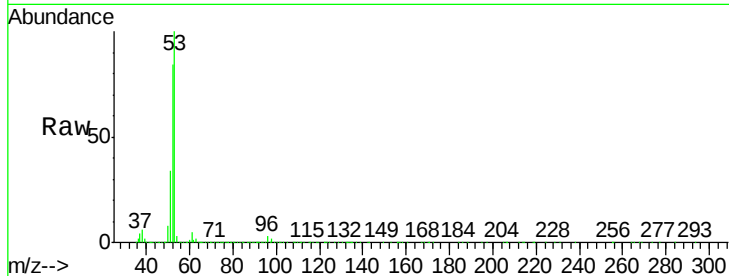
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	457210
Ion Ratio	Lower	Upper	
53	100		
52	84.0	66.6	100.0
51	35.0	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 226.981 ug/l

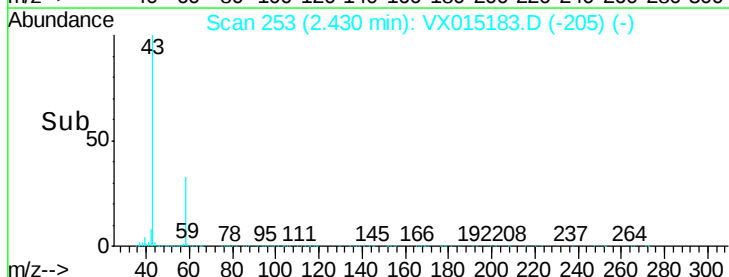
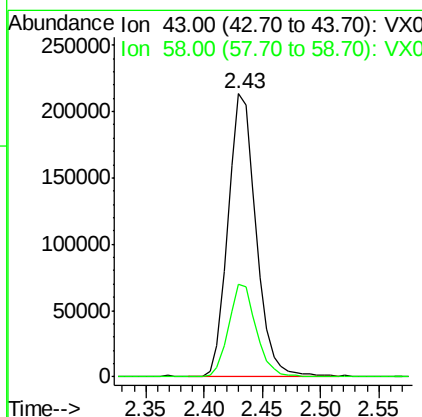
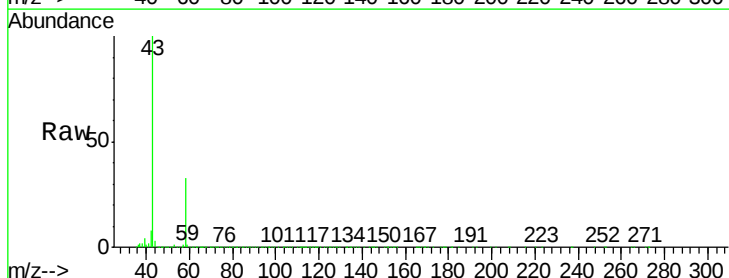
RT: 2.43 min Scan# 253

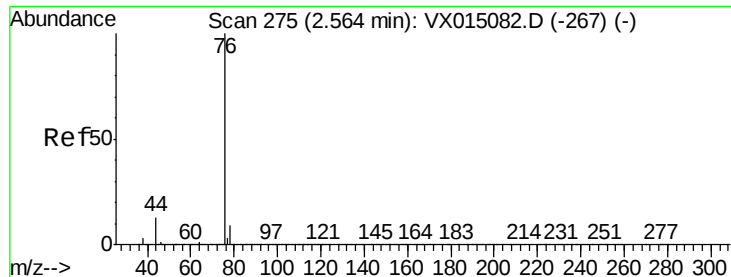
Delta R.T. -0.01 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Tgt Ion:	43	Resp:	353605
Ion Ratio	Lower	Upper	
43	100		
58	32.9	24.8	37.2





#17

Carbon Disulfide

Concen: 44.153 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 386358

Ion Ratio Lower Upper

76 100

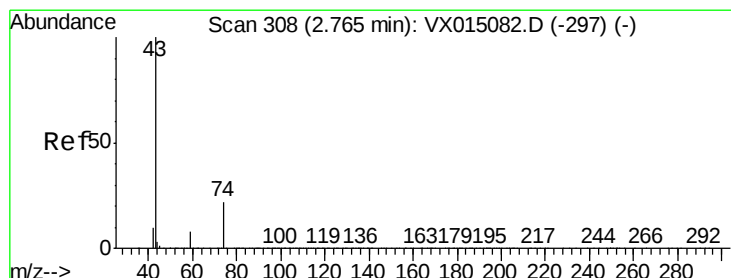
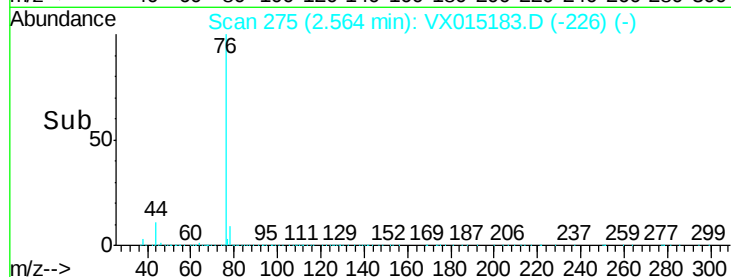
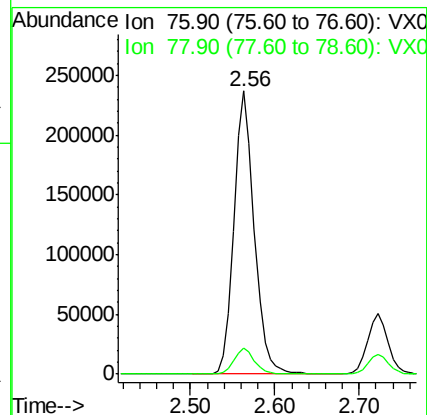
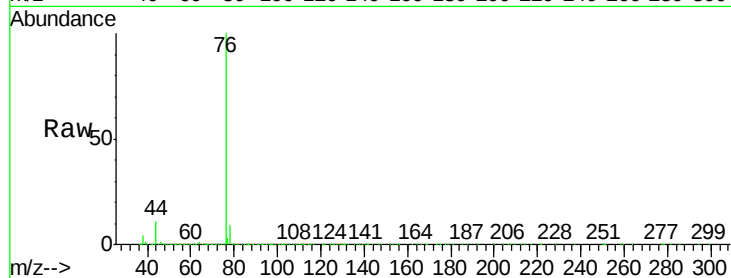
78 9.0 7.3 10.9

Manual Integrations

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3/11/2020 3:21:18 PM



#18

Methyl Acetate

Concen: 55.922 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015183.D

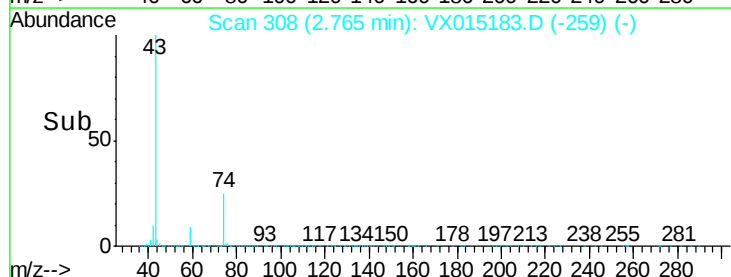
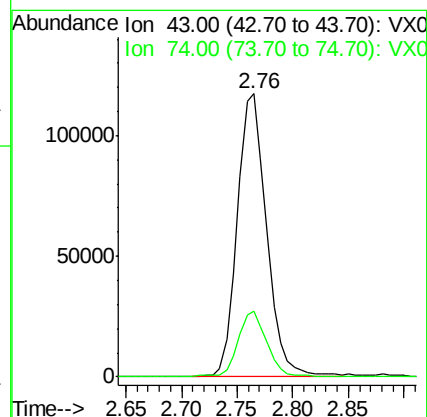
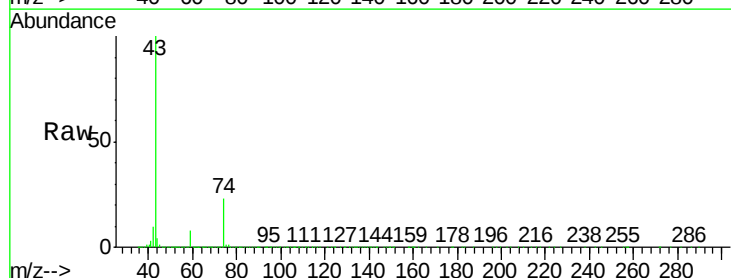
Acq: 10 Mar 2020 19:50

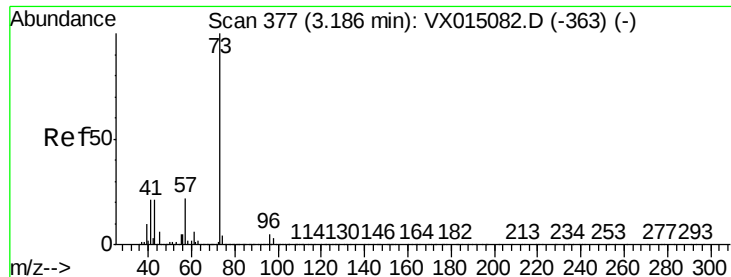
Tgt Ion: 43 Resp: 213020

Ion Ratio Lower Upper

43 100

74 23.0 18.8 28.2





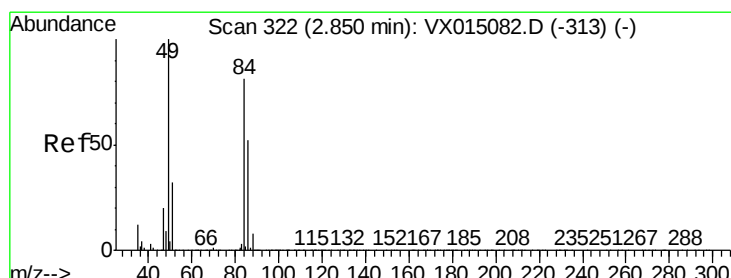
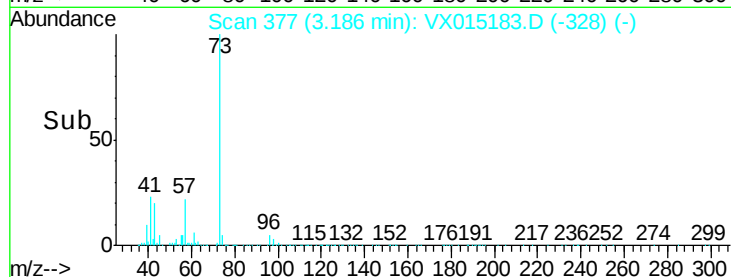
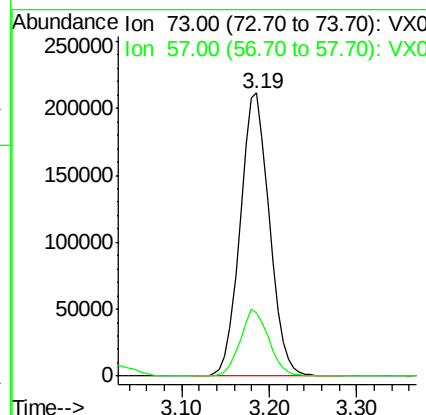
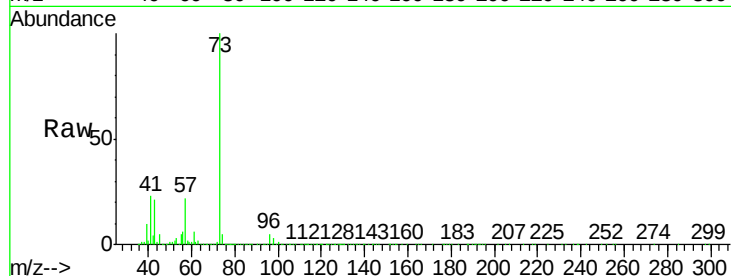
#19
Methvl tert-butvl Ether
Concen: 49.840 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.8	26.6

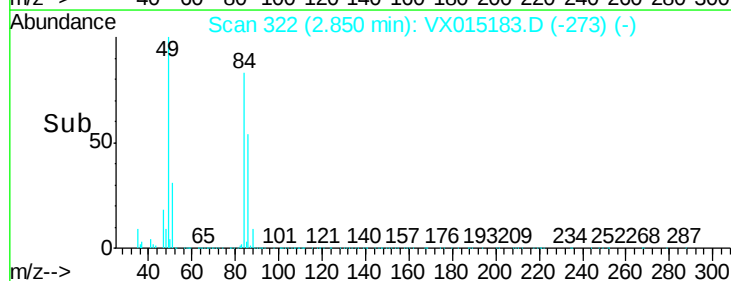
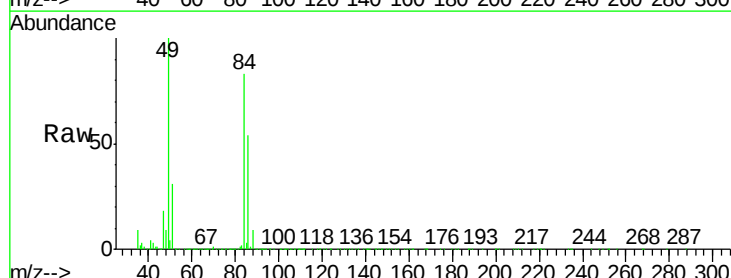
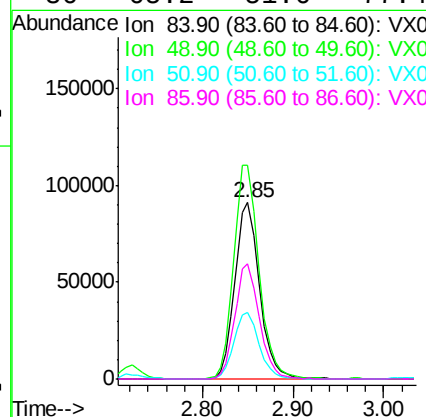
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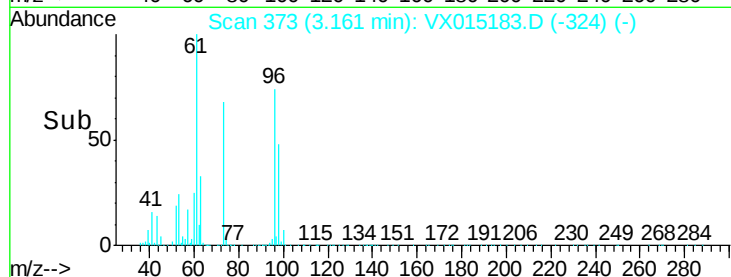
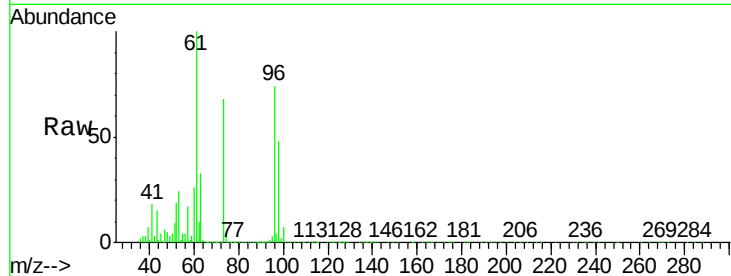
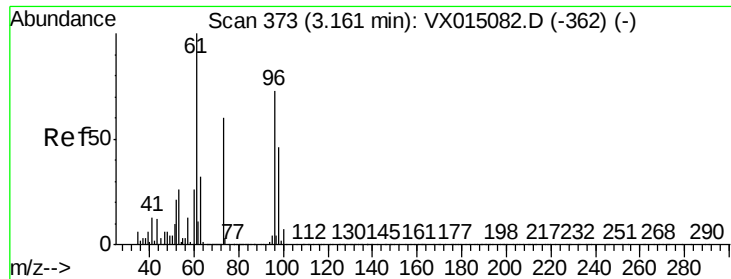
MMDadoda
3/11/2020 3:21:18 PM



#20
Methylene Chloride
Concen: 47.295 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.7	99.4	149.2
51	37.4	31.5	47.3
86	65.2	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 48.511 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015183.D

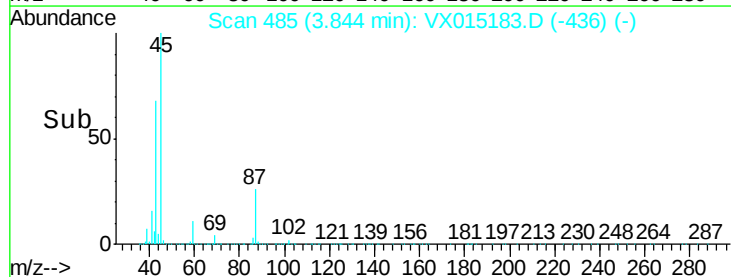
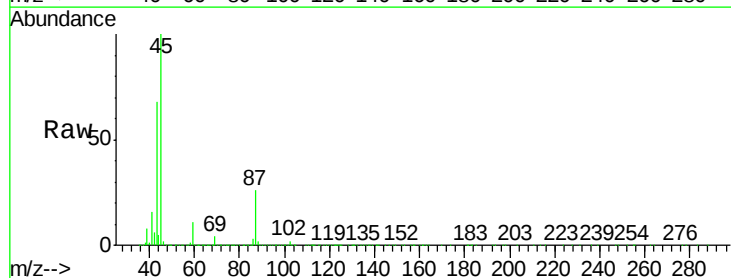
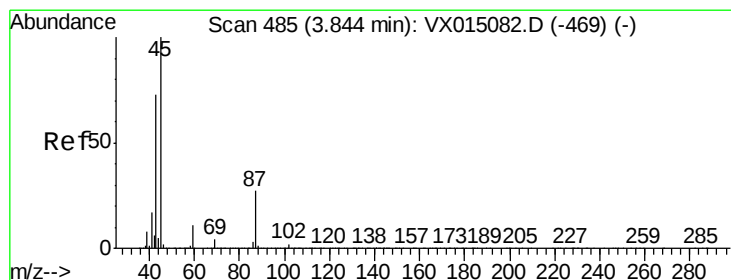
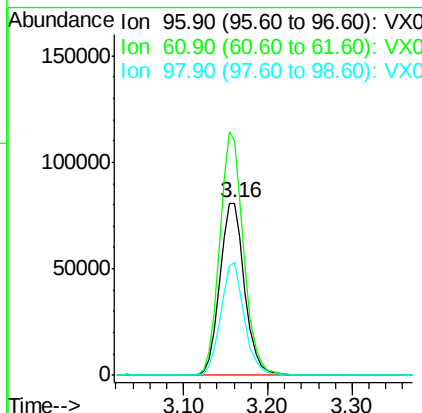
Acq: 10 Mar 2020 19:50

Tot Ion:	96	Resp:	163214
Ion Ratio	Lower	Upper	
96	100		
61	135.8	109.9	164.9
98	65.6	50.2	75.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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3/11/2020 3:21:18 PM



#22

Diisopropyl ether

Concen: 52.976 ug/l

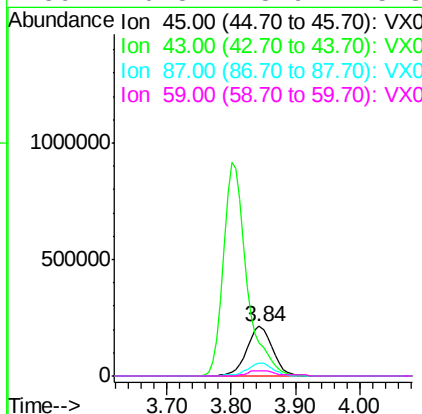
RT: 3.84 min Scan# 485

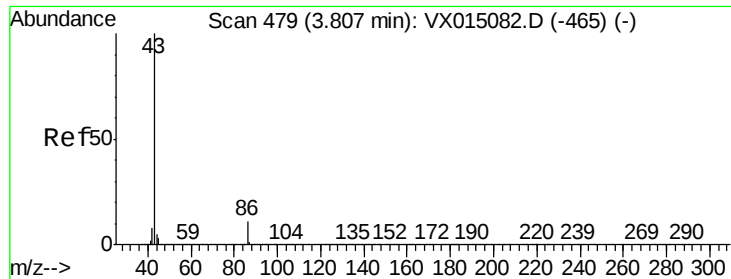
Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Tgt Ion:	45	Resp:	579880
Ion Ratio	Lower	Upper	
45	100		
43	68.4	58.2	87.2
87	25.7	21.2	31.8
59	10.8	8.9	13.3





#23

Vinyl Acetate

Concen: 261.178 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 2350037

Ion Ratio Lower Upper

43 100

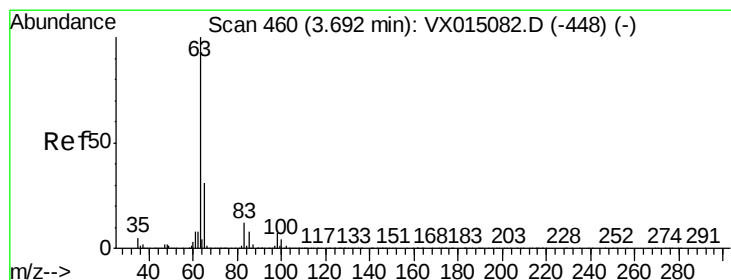
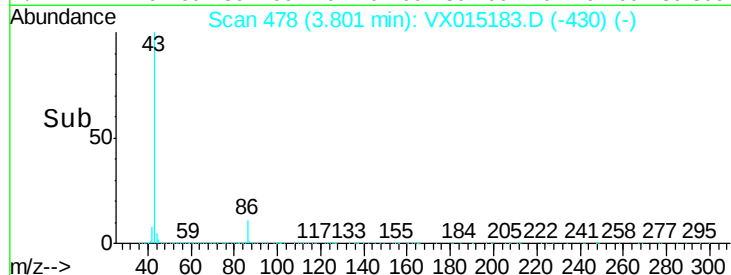
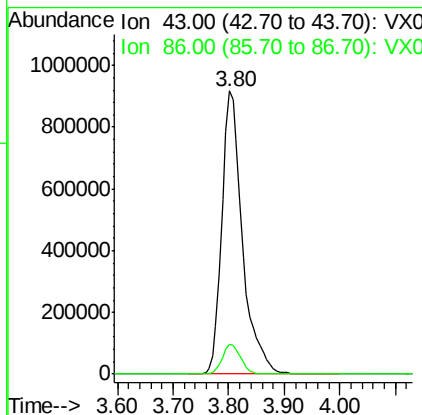
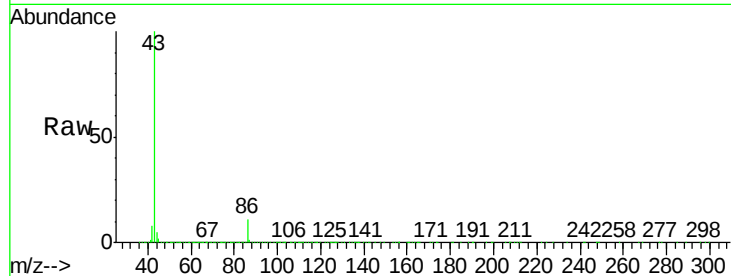
86 10.6 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.964 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

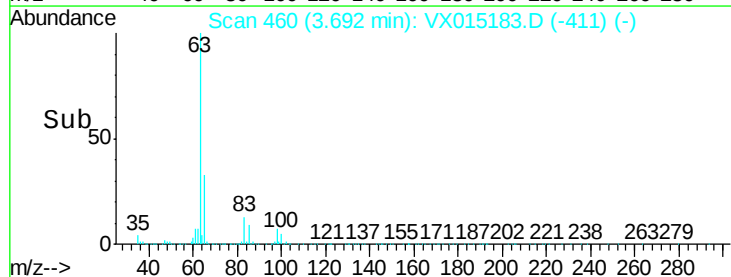
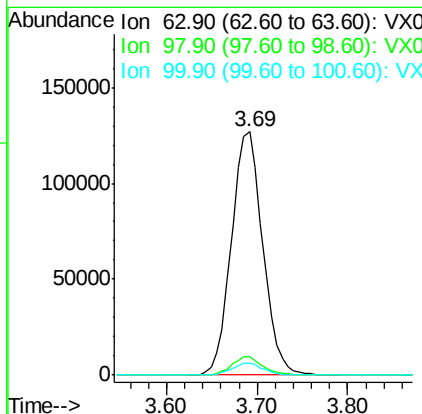
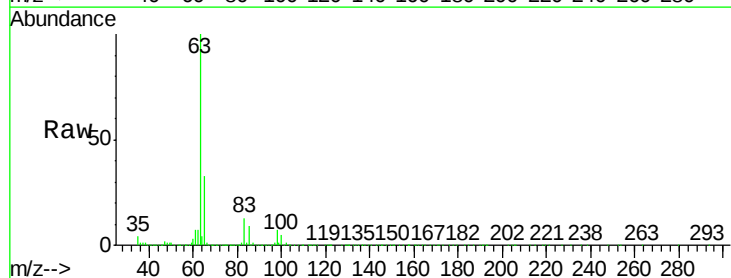
Tgt Ion: 63 Resp: 303537

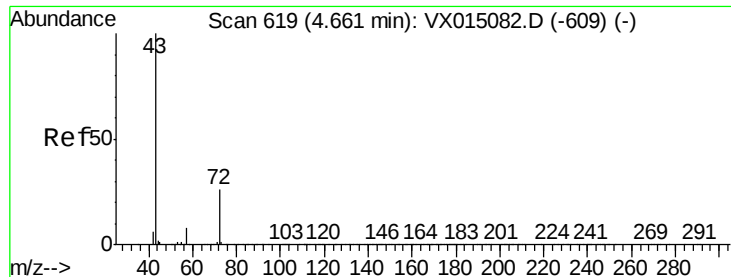
Ion Ratio Lower Upper

63 100

98 7.2 3.7 11.1

100 4.8 2.1 6.5





#25

2-Butanone

Concen: 280.671 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 640129

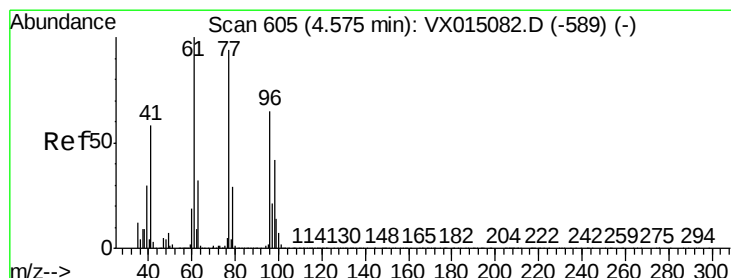
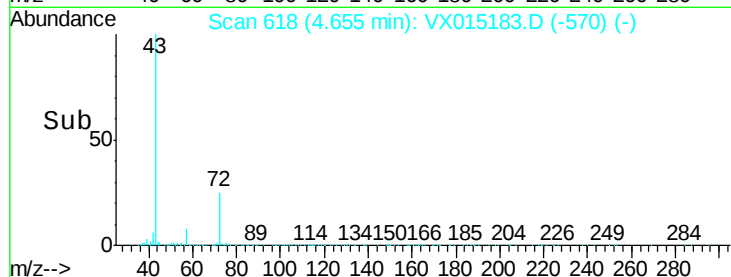
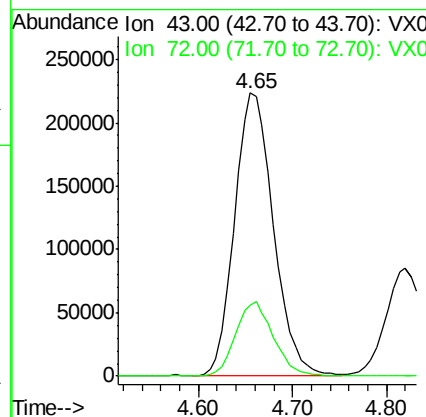
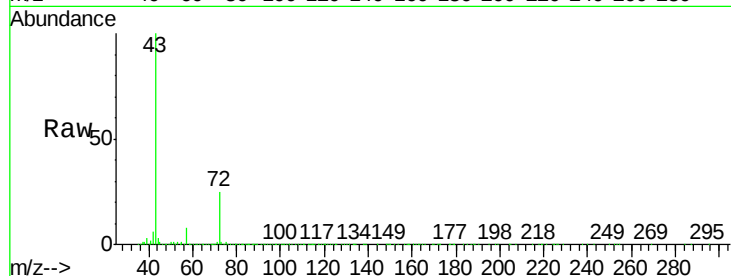
Ion Ratio Lower Upper

43 100

72 25.0 20.6 30.8

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 43.682 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015183.D

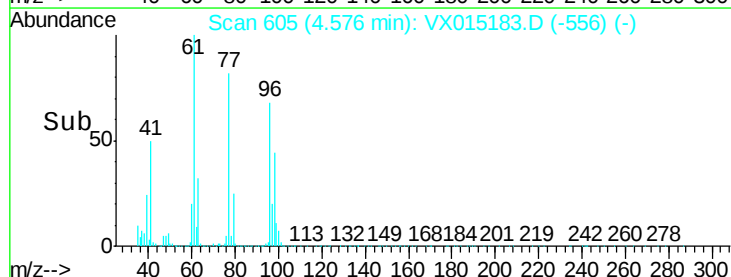
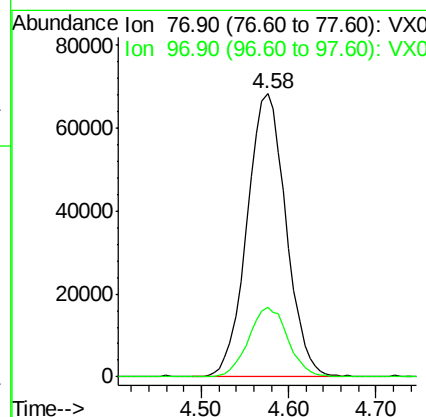
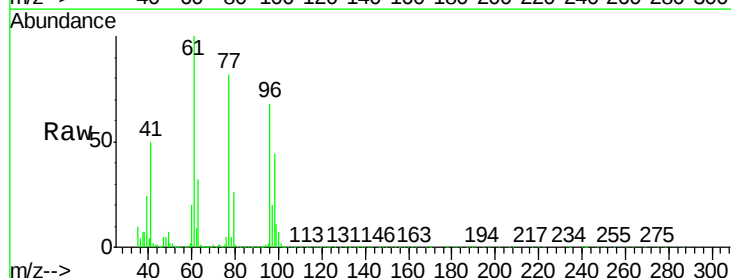
Acq: 10 Mar 2020 19:50

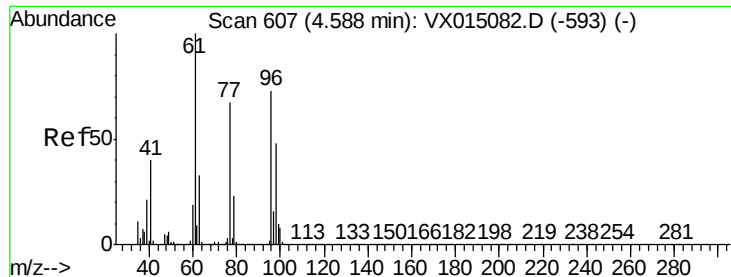
Tgt Ion: 77 Resp: 210669

Ion Ratio Lower Upper

77 100

97 24.7 11.8 35.4





#27

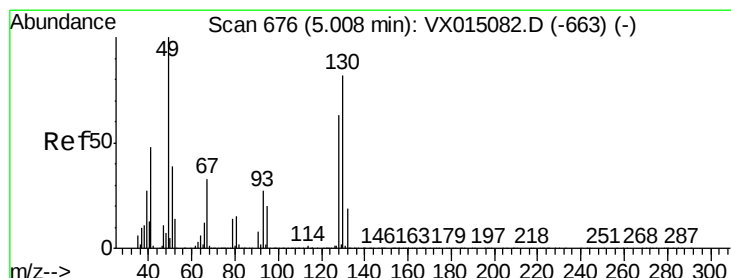
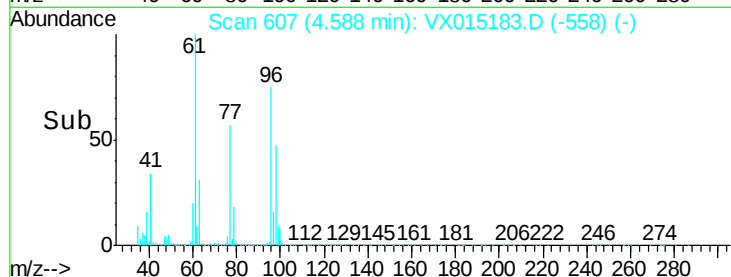
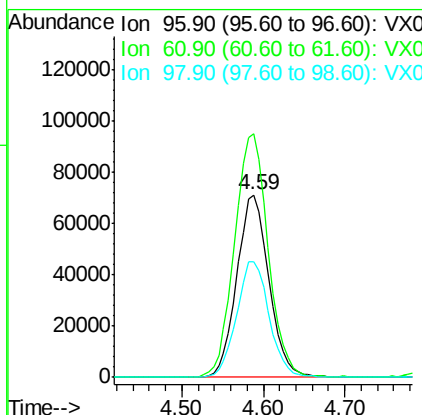
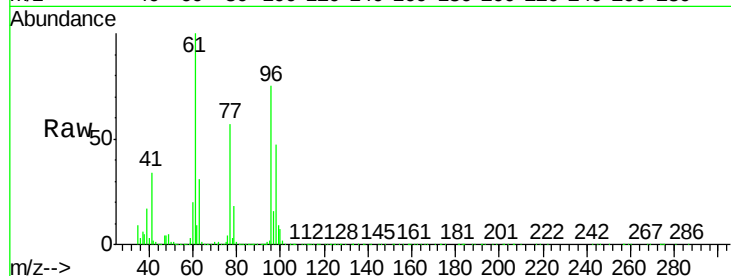
cis-1,2-Dichloroethene
Concen: 51.568 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	194644		
61	138.4	0.0	286.8	
98	64.7	0.0	128.4	

Manual Integrations
APPROVED

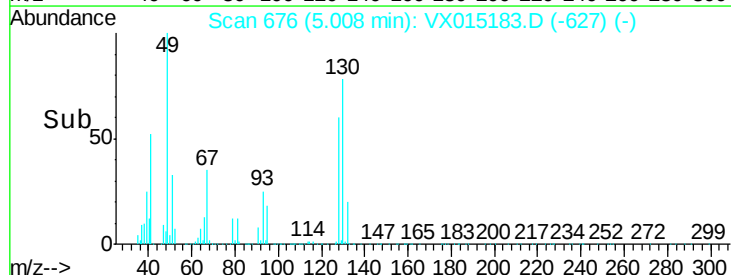
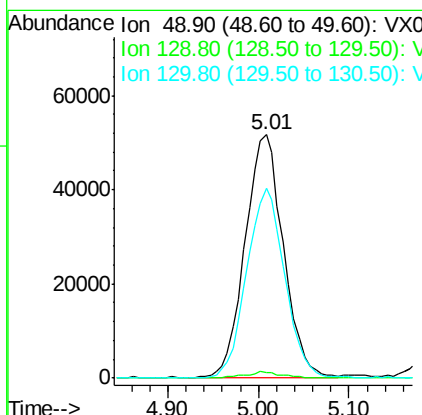
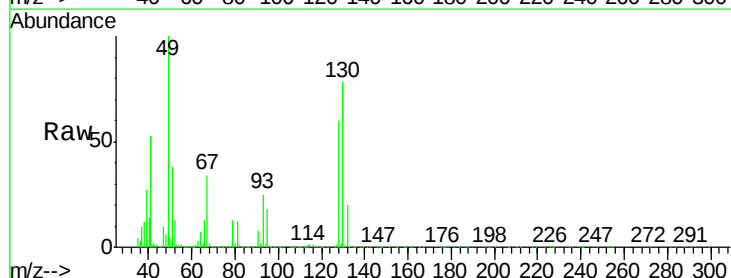
MMDadoda
3/11/2020 3:21:18 PM

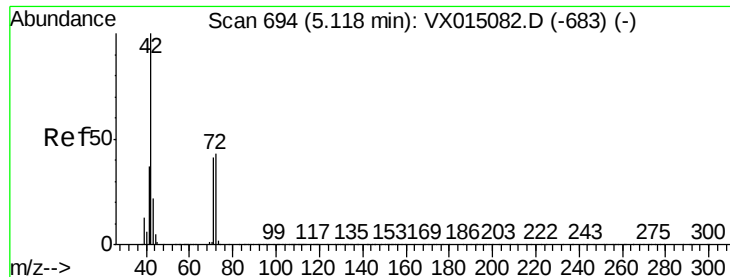


#28

Bromochloromethane
Concen: 54.223 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	150003		
129	2.4	0.0	4.4	
130	78.0	65.0	97.6	





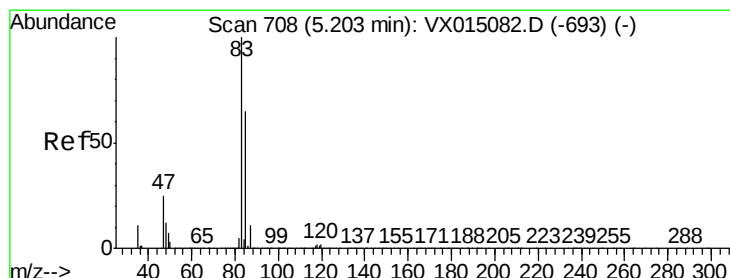
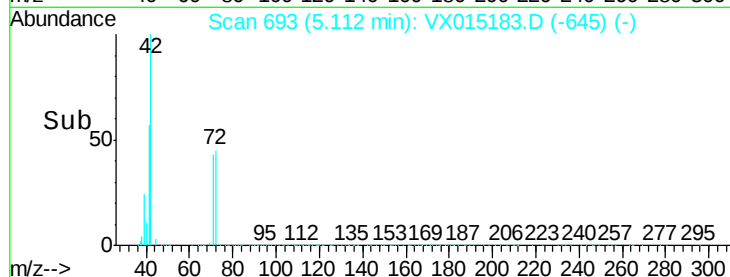
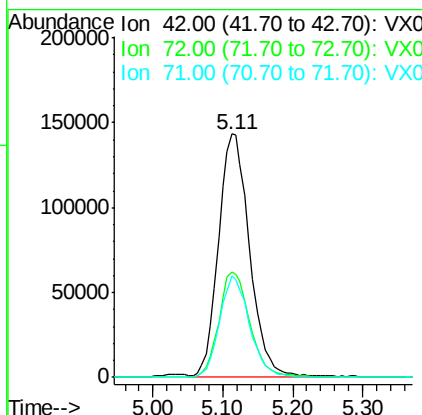
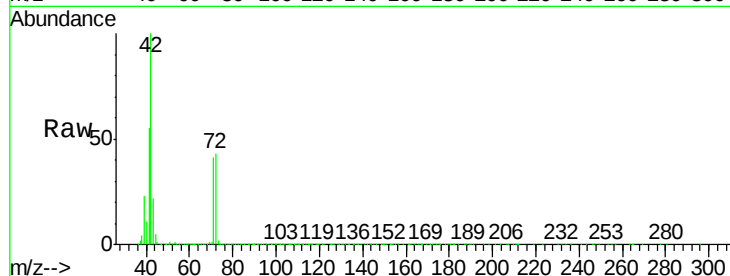
#29
Tetrahydrofuran
Concen: 298.193 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	36.4	54.6
71	40.1	33.3	49.9

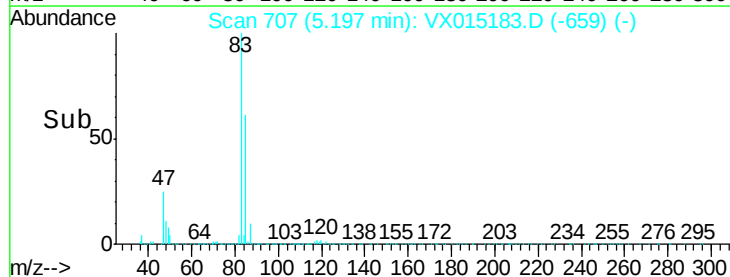
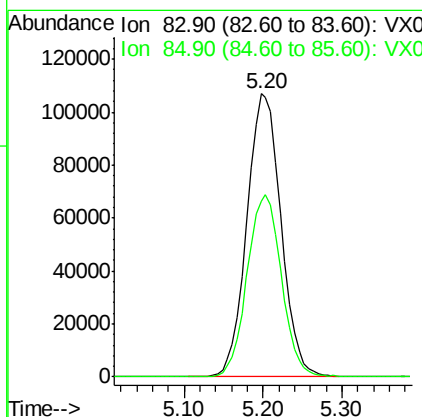
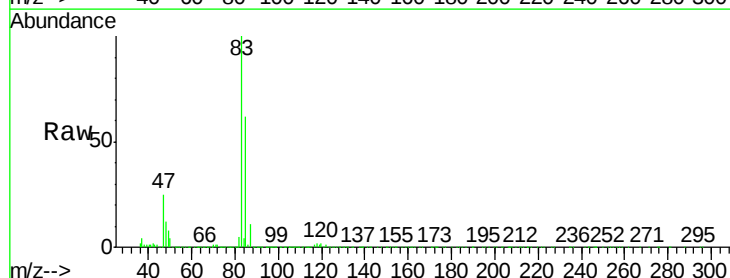
Manual Integrations
APPROVED

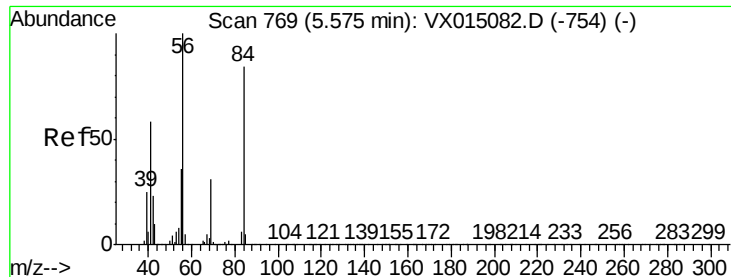
MMDadoda
3/11/2020 3:21:18 PM



#30
Chloroform
Concen: 54.155 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.2	52.0	78.0





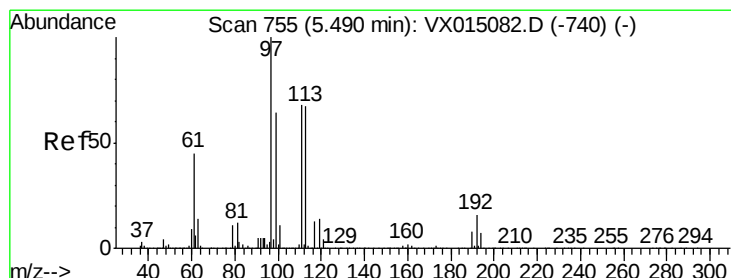
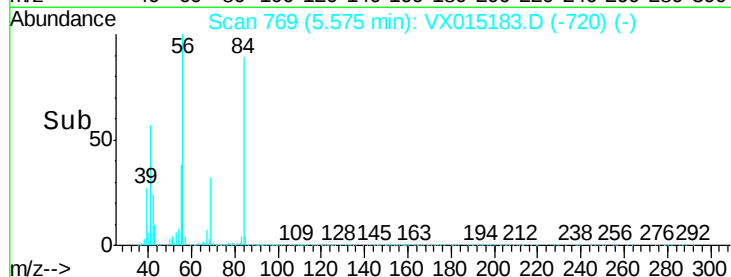
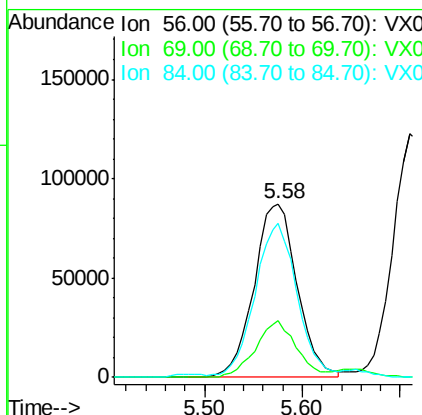
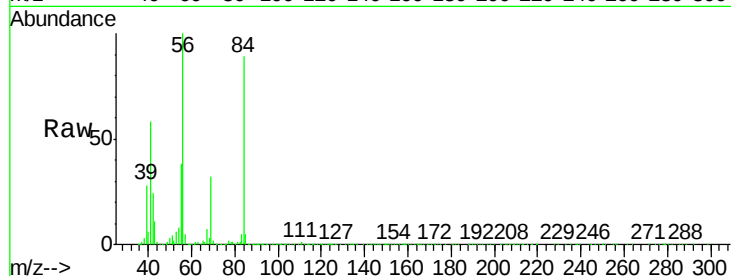
#31
Cyclohexane
Concen: 49.254 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.0	37.6
84	87.1	67.6	101.4

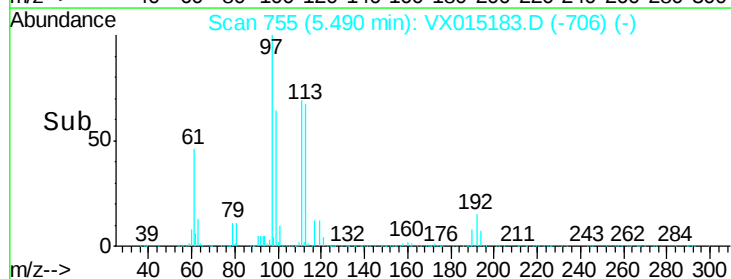
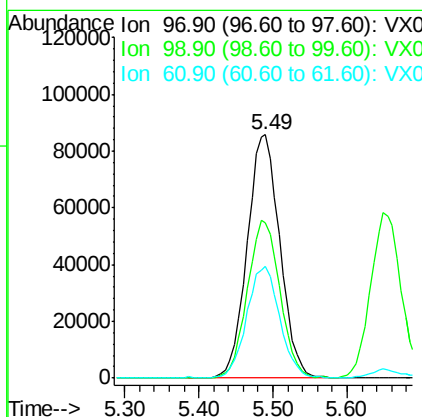
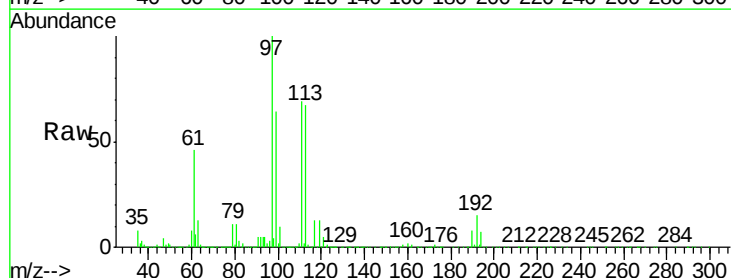
Manual Integrations
APPROVED

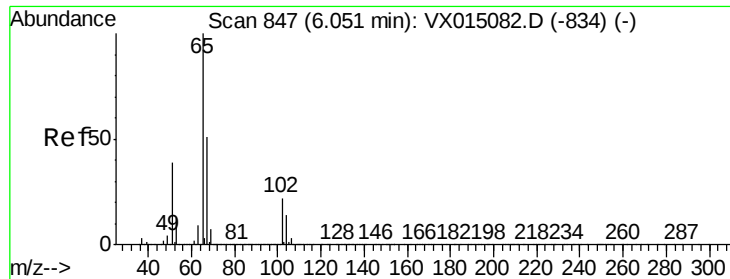
MMDadoda
3/11/2020 3:21:18 PM



#32
1,1,1-Trichloroethane
Concen: 53.558 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.8	79.2
61	46.4	36.6	54.8





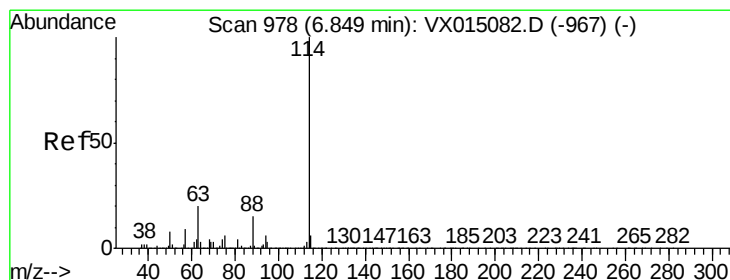
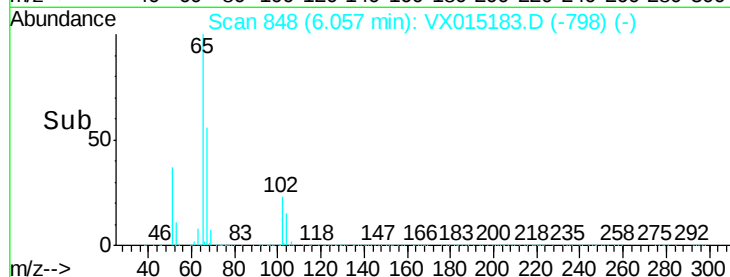
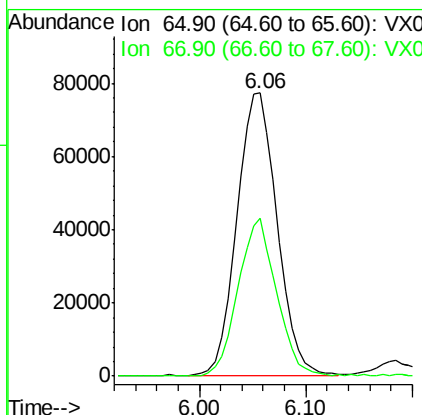
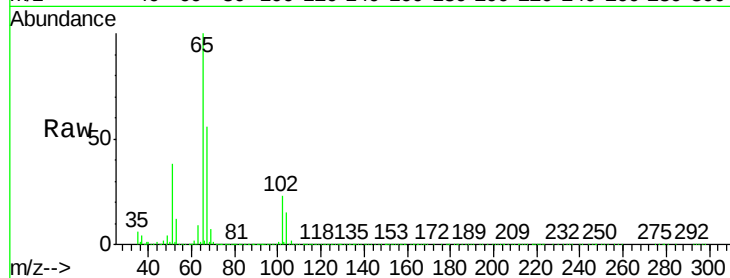
#33
 1,2-Dichloroethane-d4
 Concen: 52.987 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	203829		
67	53.3	0.0	105.6	

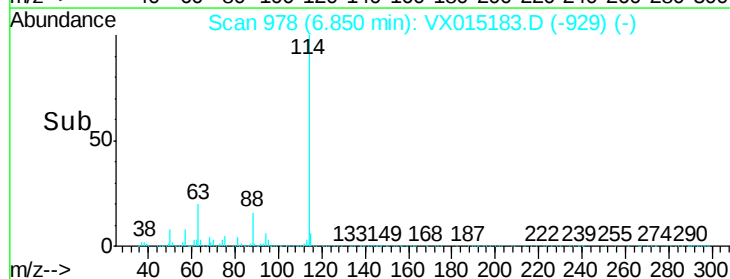
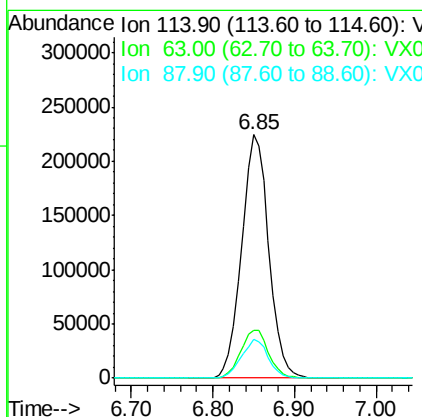
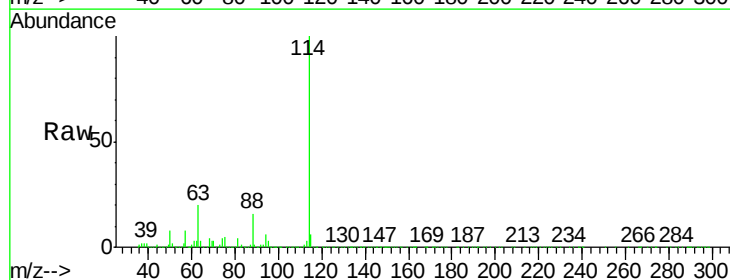
Manual Integrations
 APPROVED

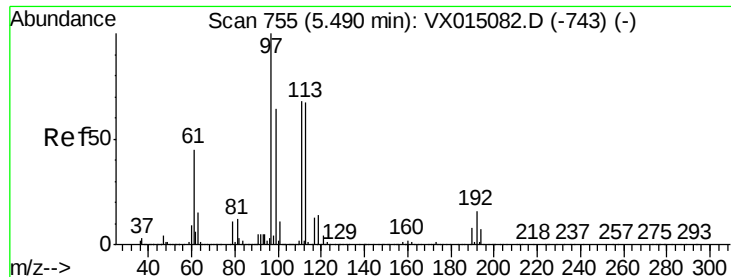
MMDadoda
 3/11/2020 3:21:18 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	518188		
63	19.8	0.0	40.0	
88	15.9	0.0	30.6	





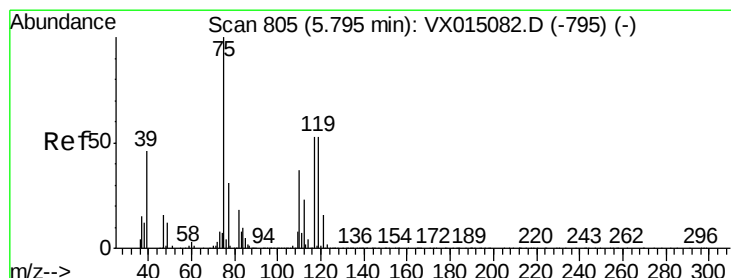
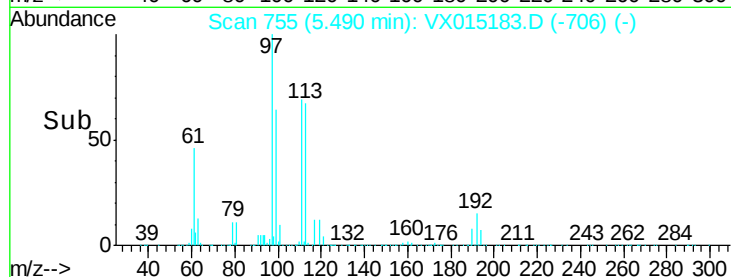
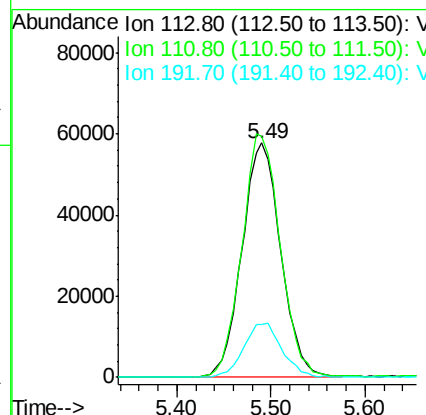
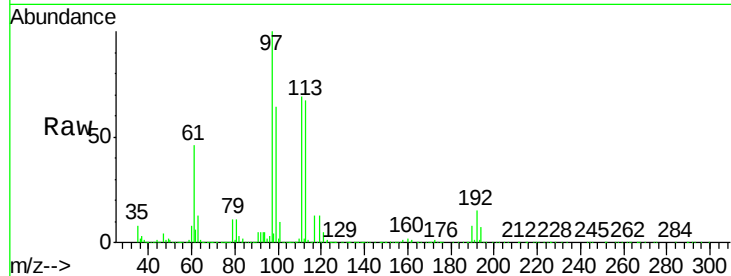
#35
Dibromofluoromethane
Concen: 50.877 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	166321		
111	102.3	82.6	123.8	
192	23.0	18.6	28.0	

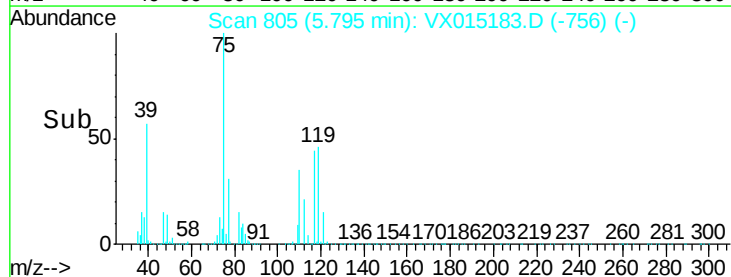
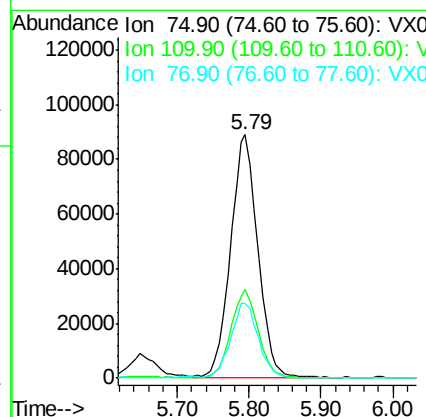
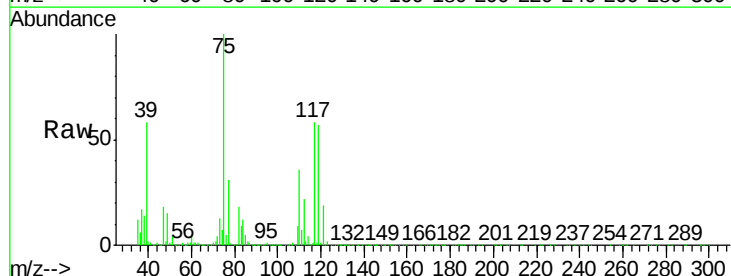
Manual Integrations
APPROVED

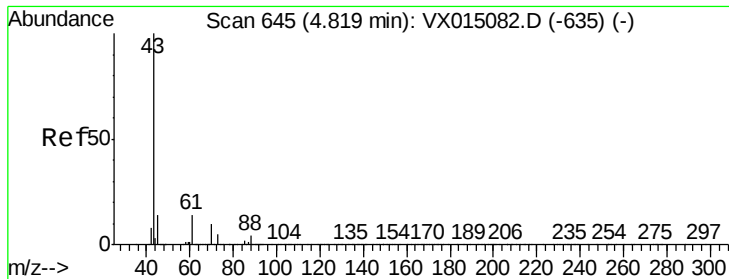
MMDadoda
3/11/2020 3:21:18 PM



#36
1,1-Dichloropropene
Concen: 48.663 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	233114		
110	36.4	17.9	53.8	
77	30.6	24.8	37.2	





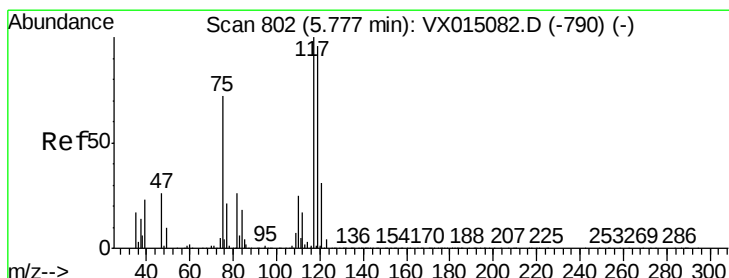
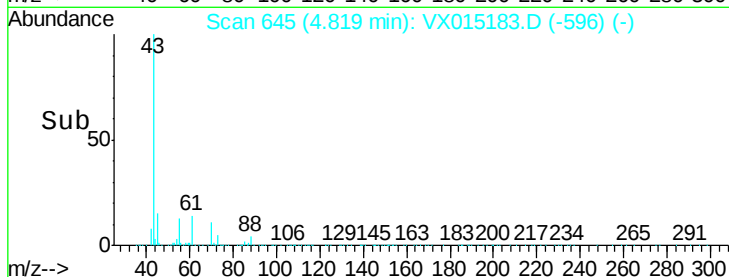
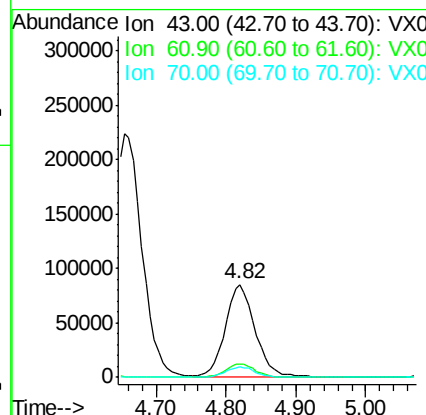
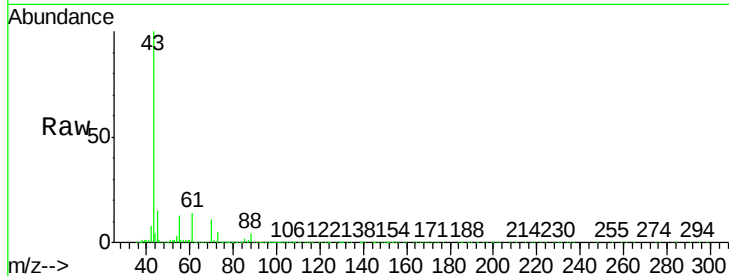
#37
Ethyl Acetate
Concen: 56.366 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	250471
Ion Ratio	Lower	Upper	
43	100		
61	13.9	11.0	16.4
70	10.9	8.1	12.1

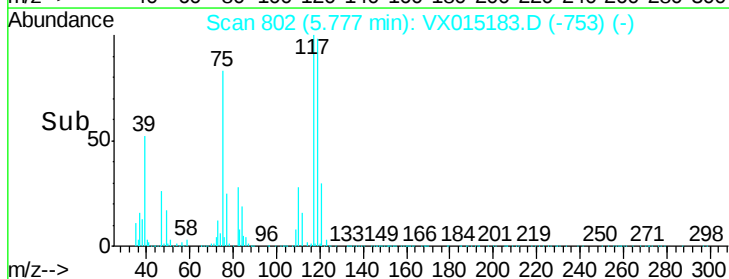
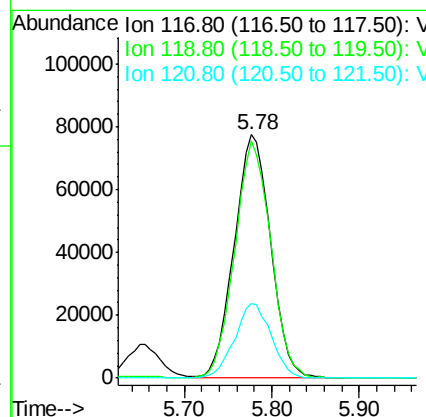
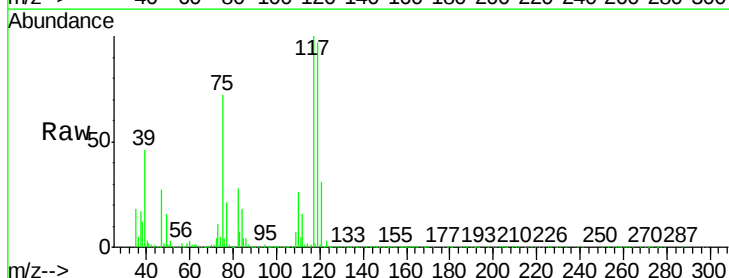
Manual Integrations
APPROVED

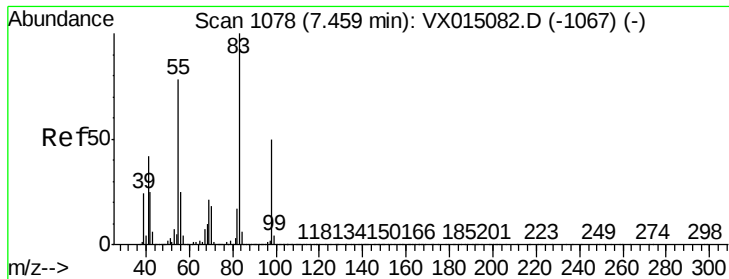
MMDadoda
3/11/2020 3:21:18 PM



#38
Carbon Tetrachloride
Concen: 49.468 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion	117	Resp	223684
Ion Ratio	Lower	Upper	
117	100		
119	97.4	76.9	115.3
121	30.5	24.6	37.0





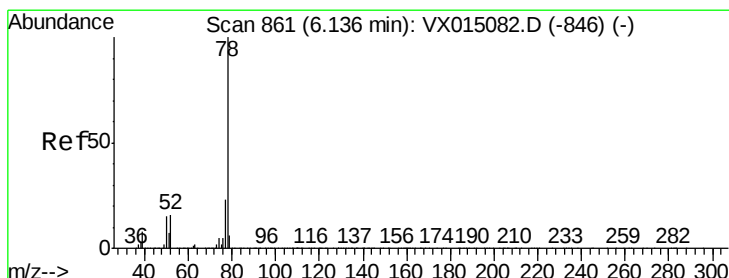
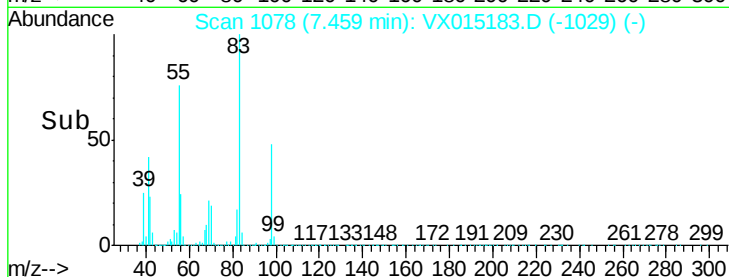
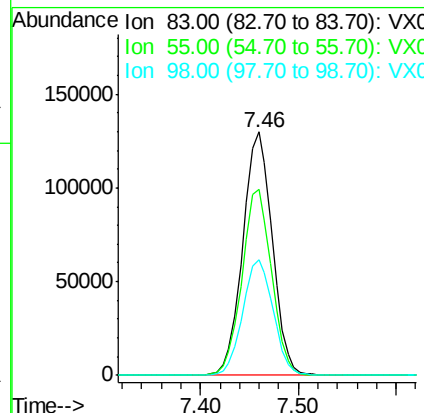
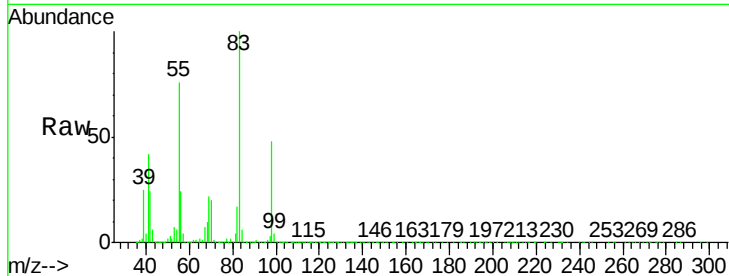
#39
Methvlcvclohexane
Concen: 48.601 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.5	62.4	93.6
98	47.6	39.7	59.5

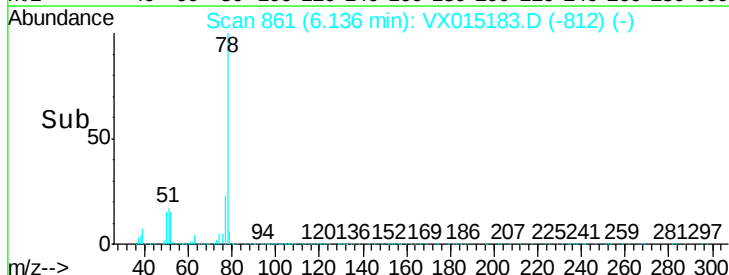
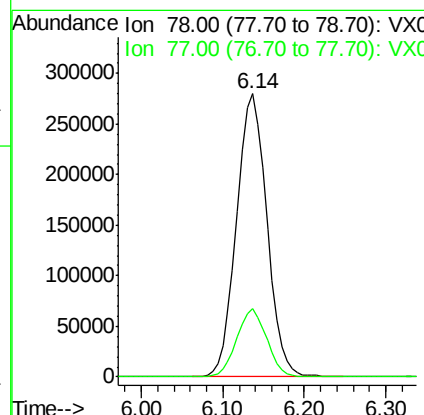
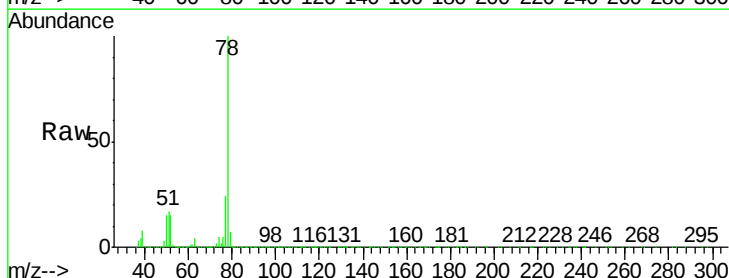
Manual Integrations
APPROVED

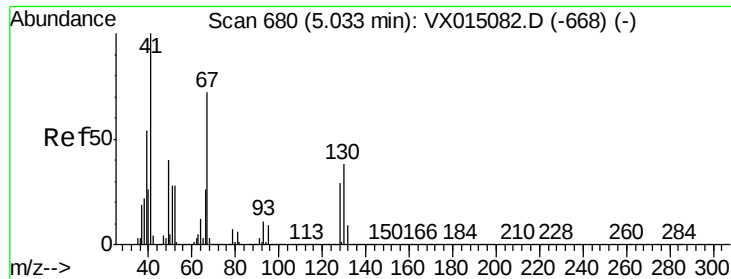
MMDadoda
3/11/2020 3:21:18 PM



#40
Benzene
Concen: 50.669 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	28.0





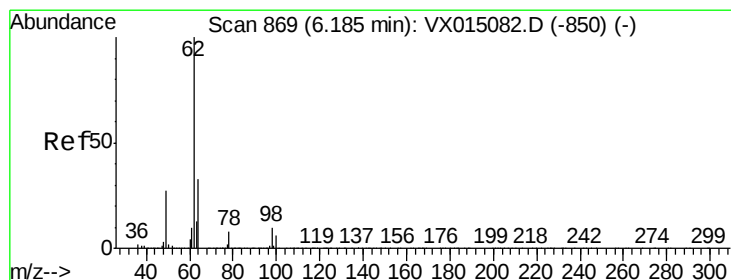
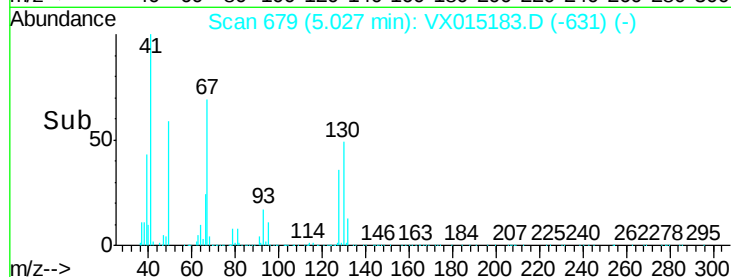
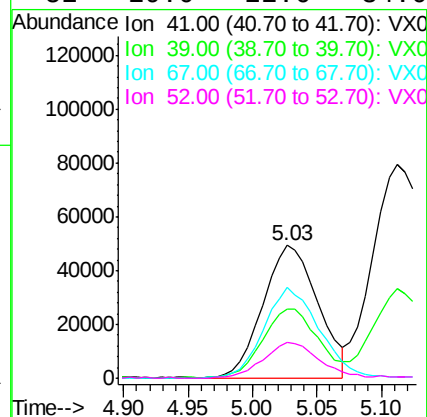
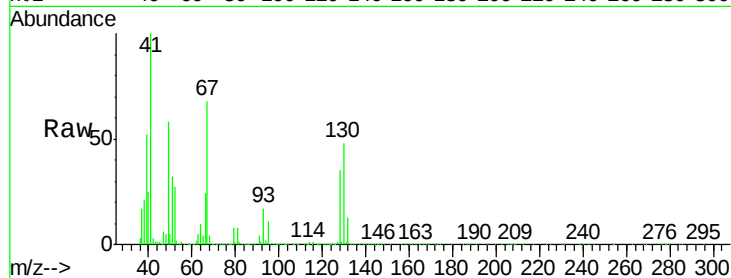
#41
Methacrylonitrile
Concen: 54.424 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.0	43.9	65.9	
67	69.0	57.8	86.8	
52	29.0	22.6	34.0	

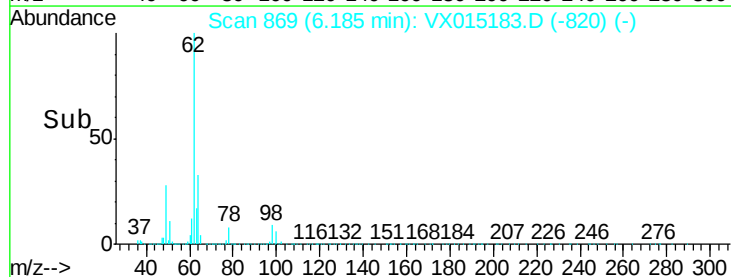
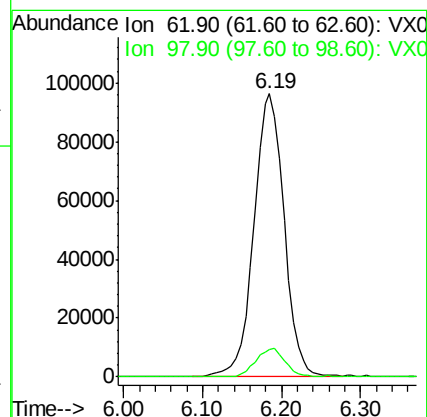
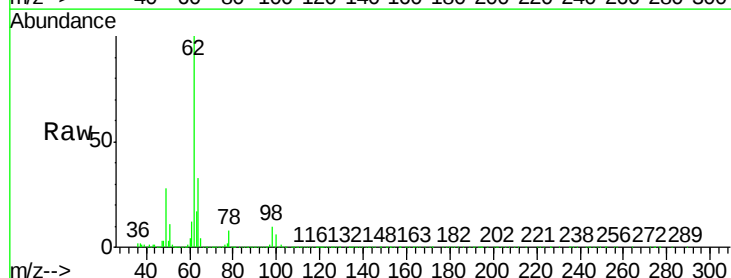
Manual Integrations
APPROVED

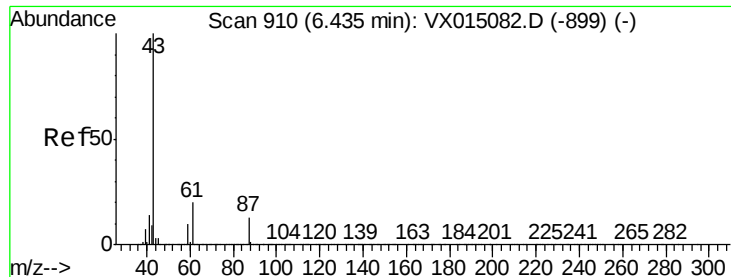
MMDadoda
3/11/2020 3:21:18 PM



#42
1,2-Dichloroethane
Concen: 52.549 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	0.0	20.6	





#43

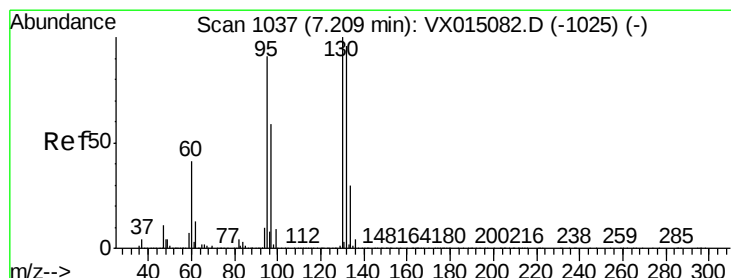
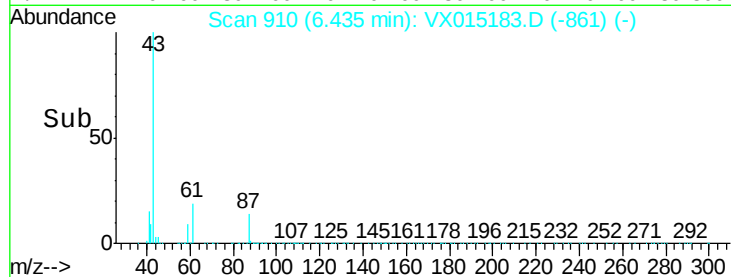
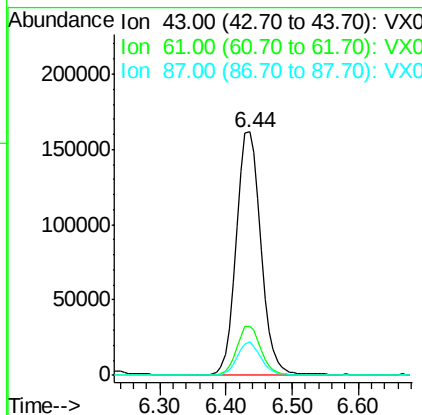
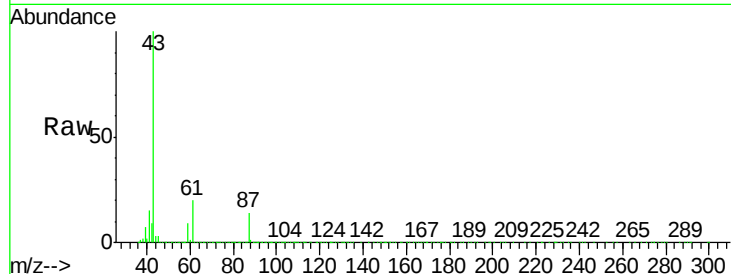
Isopropyl Acetate
 Concen: 53.217 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.1	24.1
87	13.3	10.6	16.0

Manual Integrations
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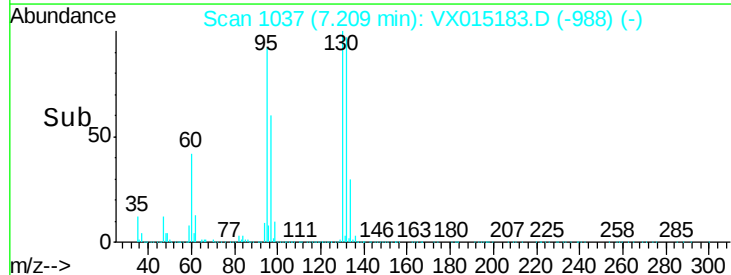
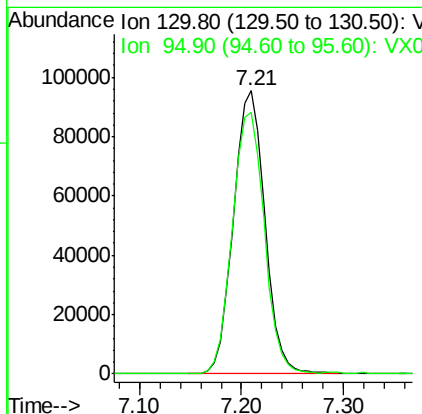
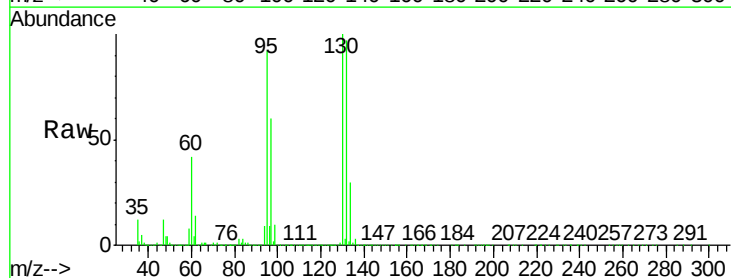
MMDadoda
 3/11/2020 3:21:18 PM

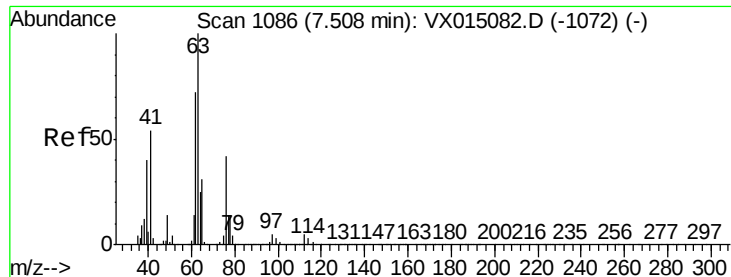


#44

Trichloroethene
 Concen: 51.280 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	181.2





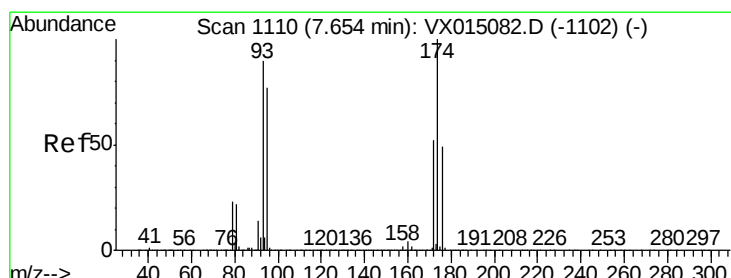
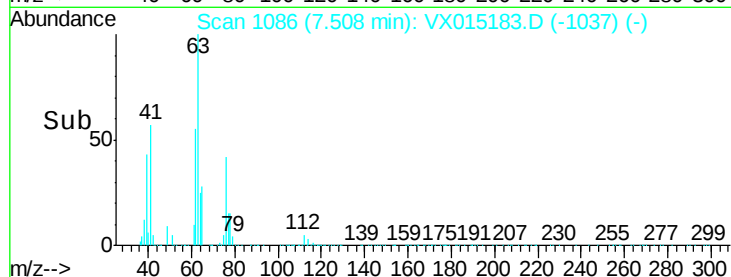
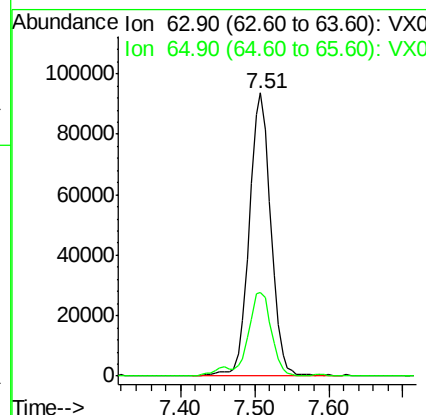
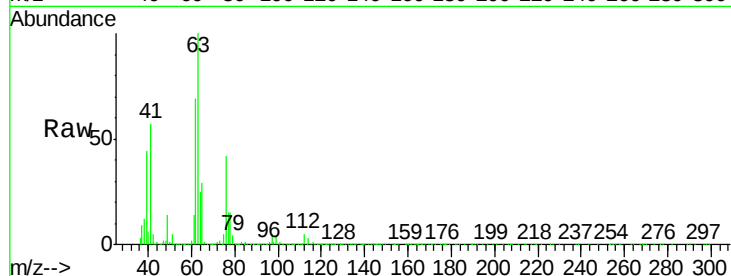
#45
 1,2-Dichloropropane
 Concen: 51.515 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.3	24.6	36.8

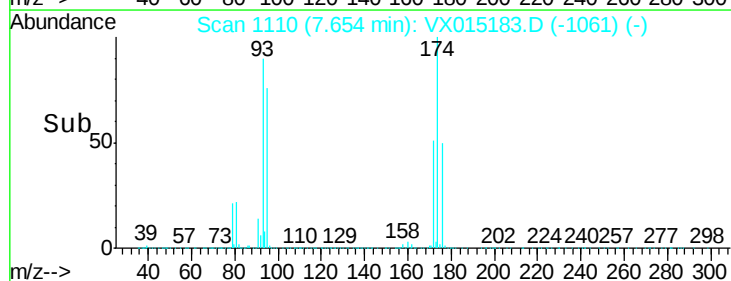
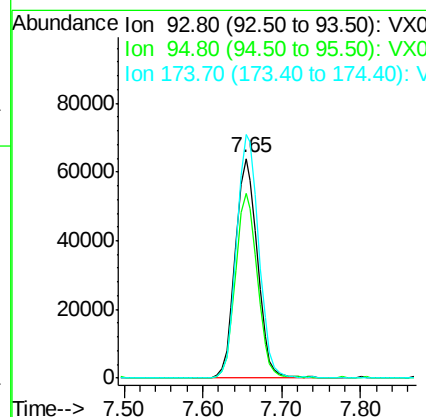
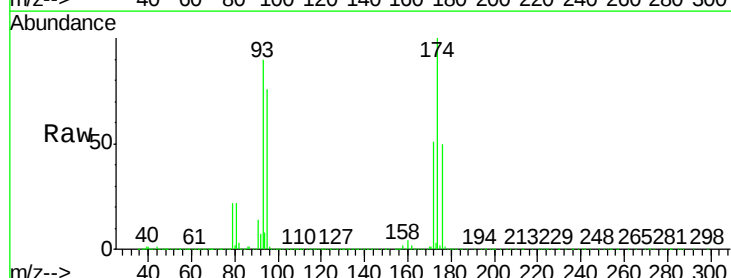
Manual Integrations
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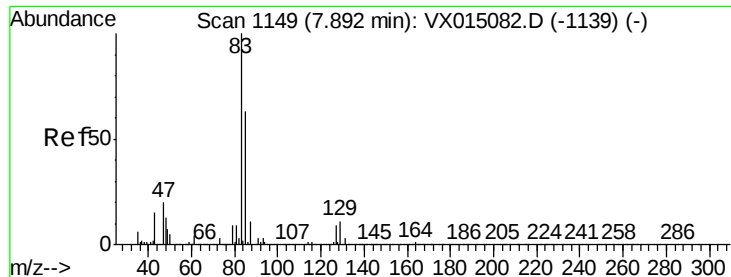
MMDadoda
 3/11/2020 3:21:18 PM



#46
 Dibromomethane
 Concen: 52.441 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.9	67.8	101.8
174	110.8	91.0	136.4





#47

Bromodichloromethane

Concen: 52.575 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

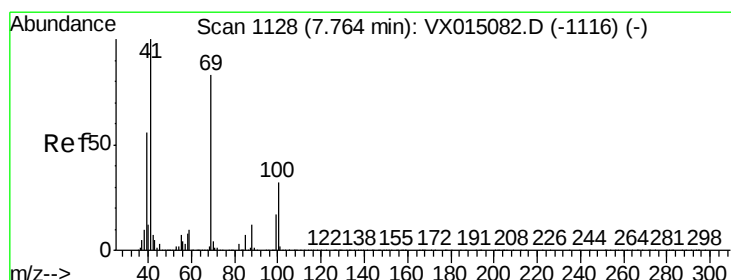
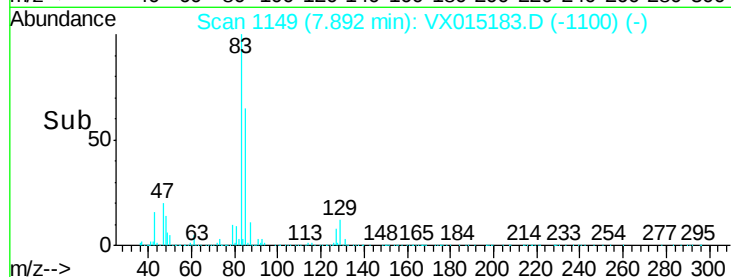
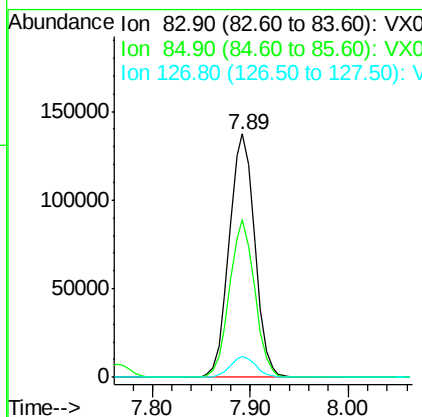
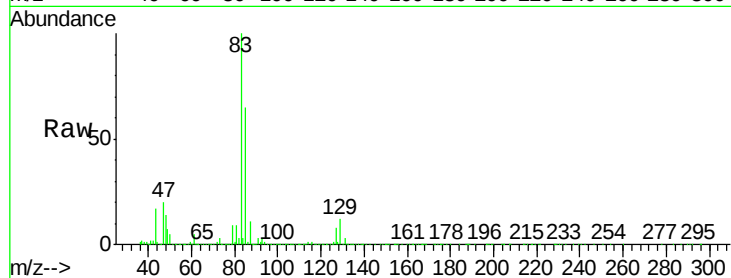
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	249213
Ion Ratio	Lower	Upper	
83	100		
85	64.9	50.6	75.8
127	8.4	7.1	10.7

Manual Integrations
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3/11/2020 3:21:18 PM



#48

Methyl methacrylate

Concen: 53.070 ug/l

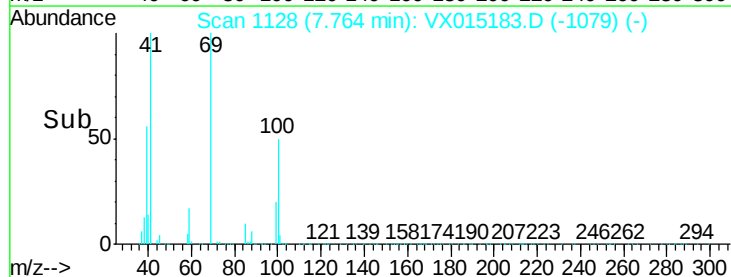
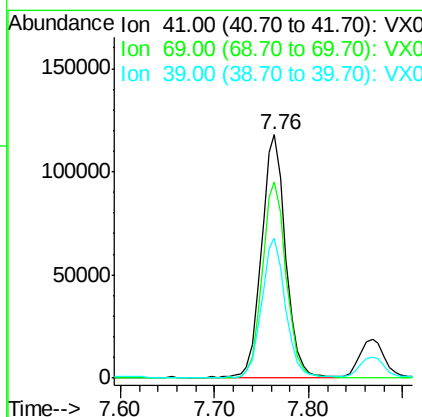
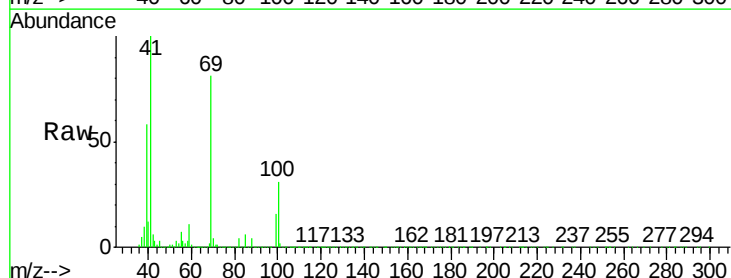
RT: 7.76 min Scan# 1128

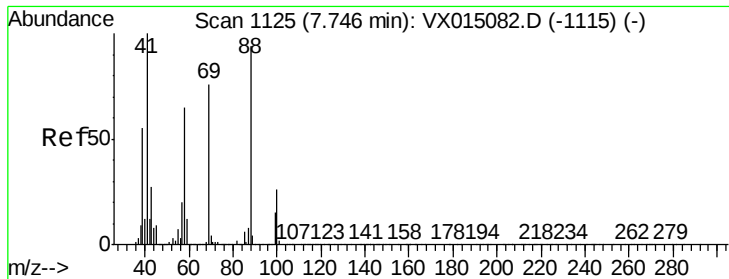
Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Tgt Ion:	41	Resp:	211147
Ion Ratio	Lower	Upper	
41	100		
69	80.6	65.4	98.2
39	57.8	44.6	67.0





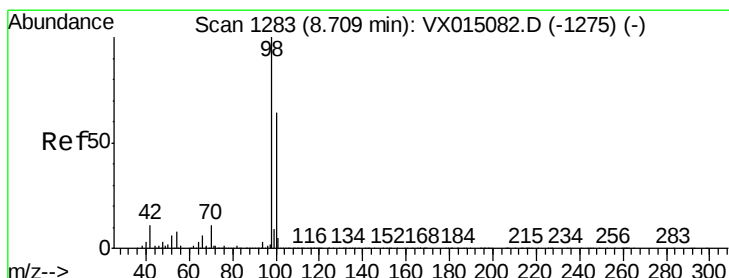
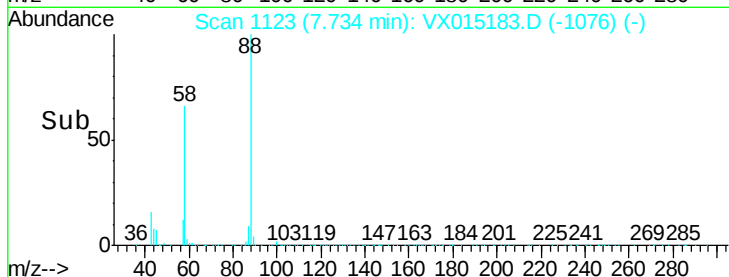
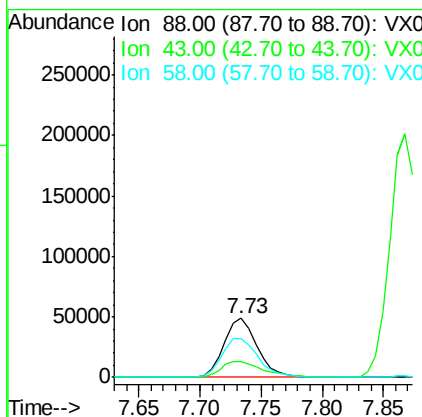
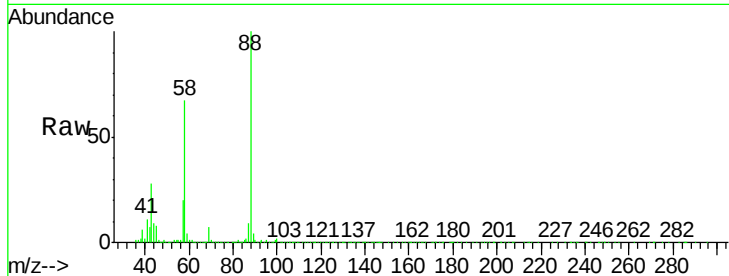
#49
1,4-Dioxane
Concen: 1068.860 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	27.0	40.4
58	71.4	55.6	83.4

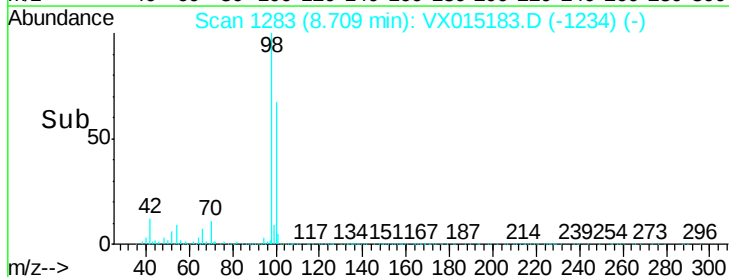
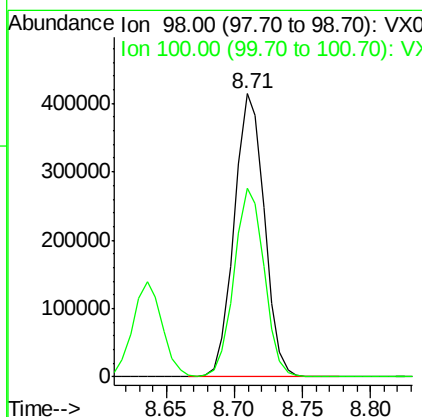
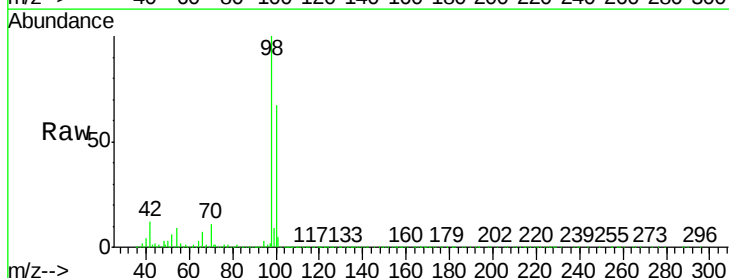
Manual Integrations
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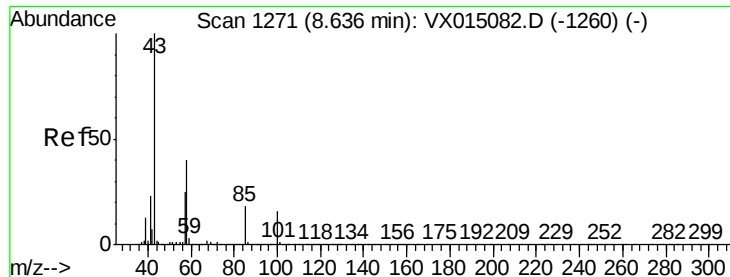
MMDadoda
3/11/2020 3:21:18 PM



#50
Toluene-d8
Concen: 51.306 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 287.588 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1329226

Ion Ratio Lower Upper

43 100

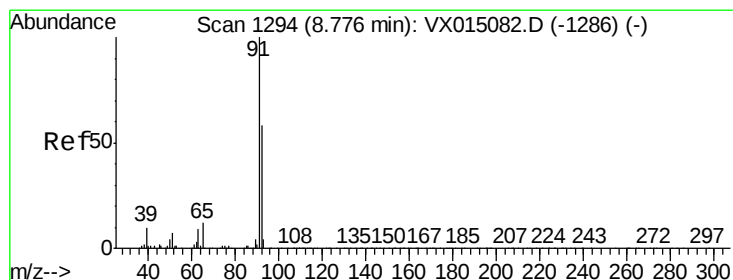
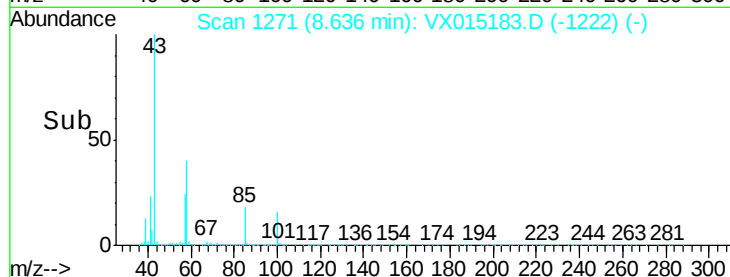
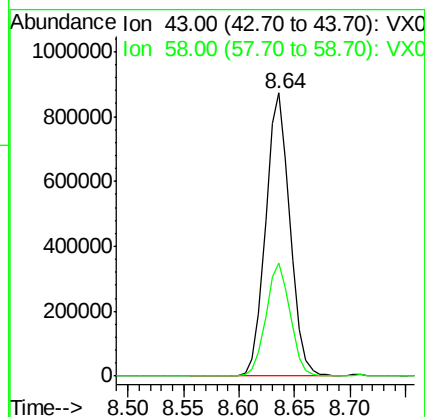
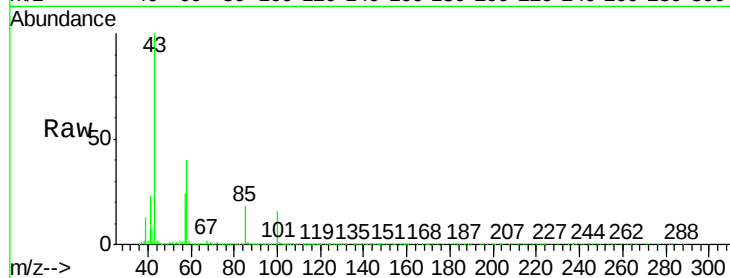
58 39.7 31.6 47.4

Manual Integrations

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#52

Toluene

Concen: 52.864 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015183.D

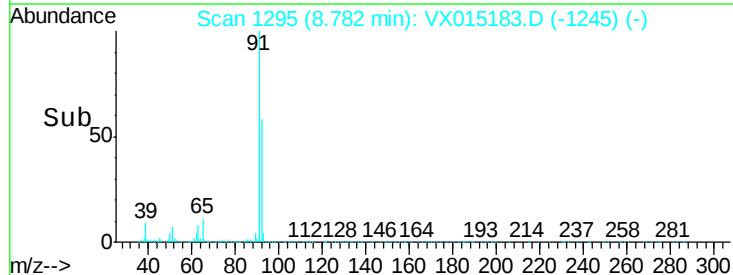
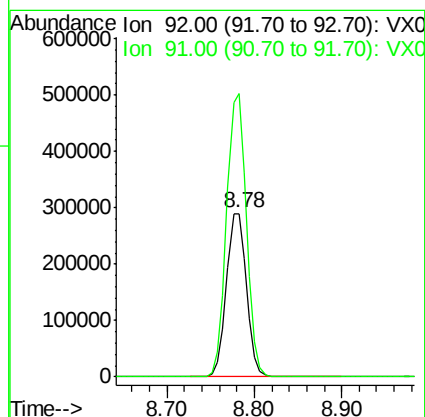
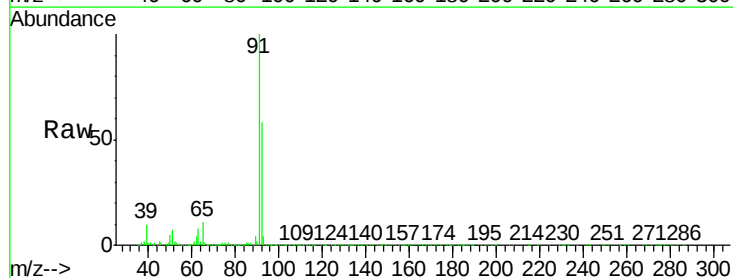
Acq: 10 Mar 2020 19:50

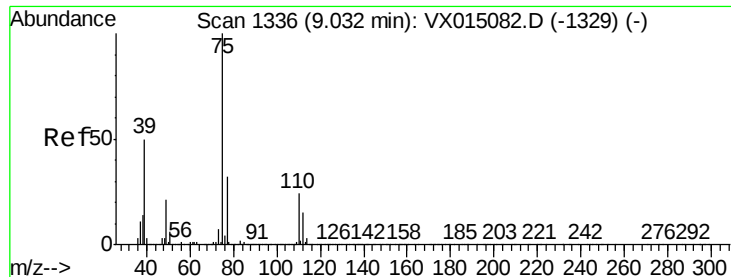
Tgt Ion: 92 Resp: 459394

Ion Ratio Lower Upper

92 100

91 171.4 136.9 205.3





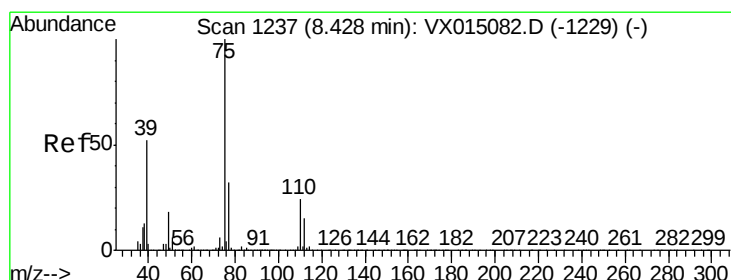
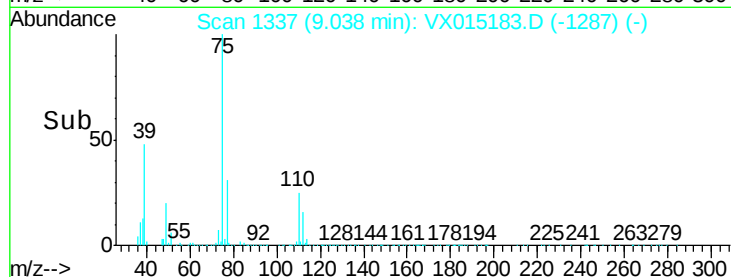
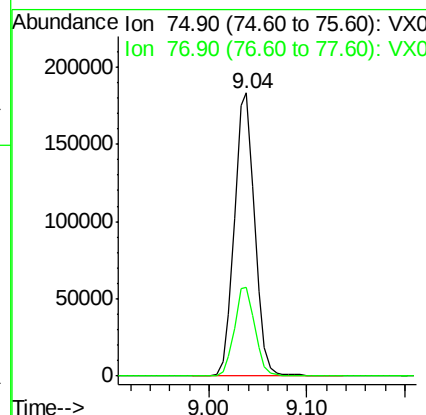
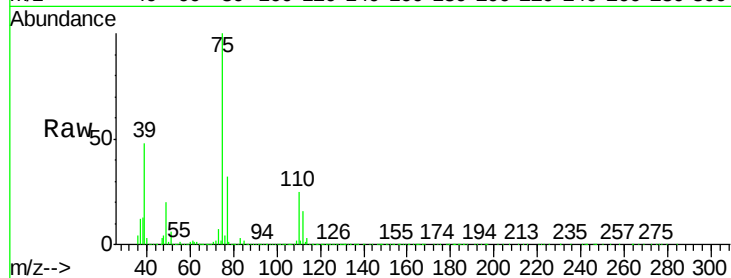
#53
t-1,3-Dichloropropene
Concen: 52.023 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.0

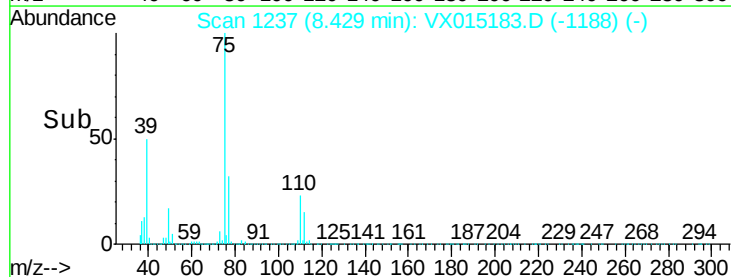
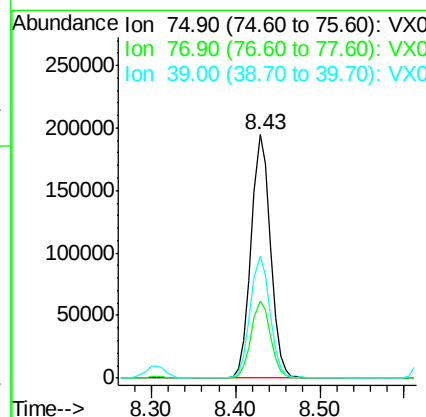
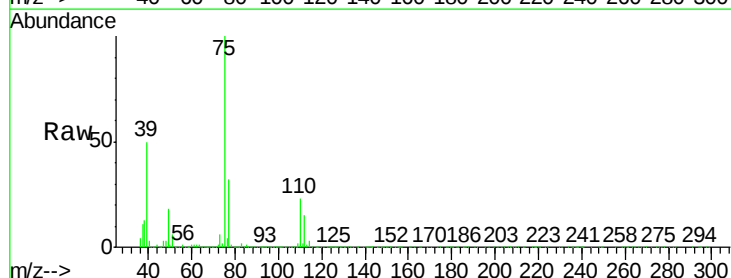
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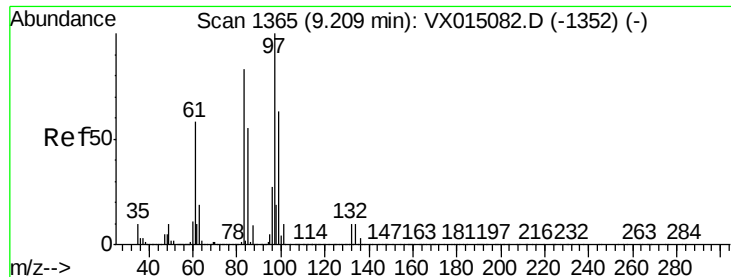
MMDadoda
3/11/2020 3:21:18 PM



#54
cis-1,3-Dichloropropene
Concen: 52.295 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.6
39	50.1	41.3	61.9





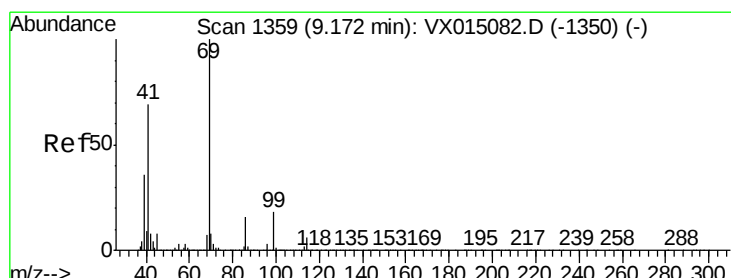
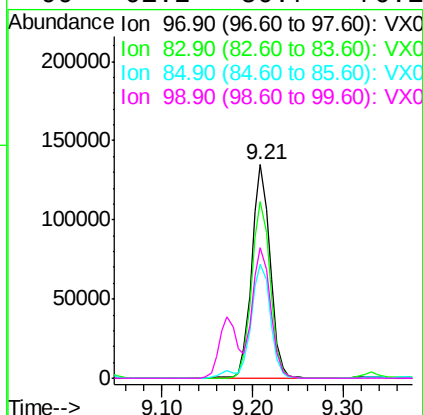
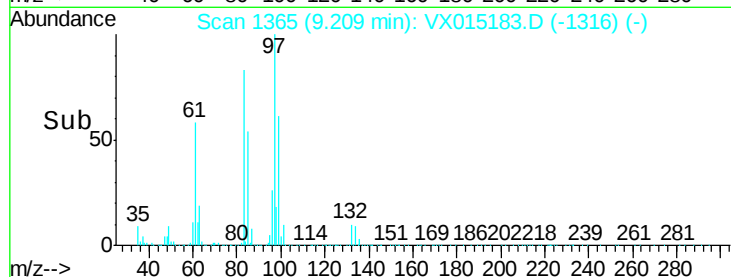
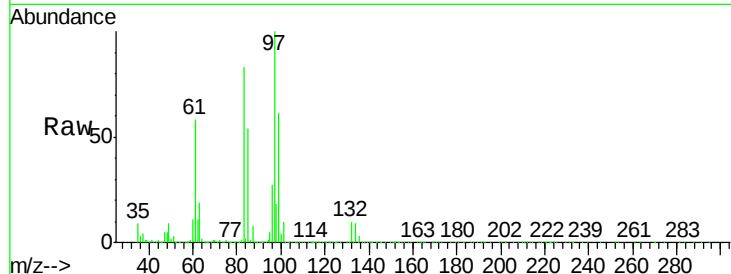
#55
 1,1,2-Trichloroethane
 Concen: 52.975 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		189481		
83	82.6	66.4	99.6		
85	53.5	43.5	65.3		
99	61.2	50.7	76.1		

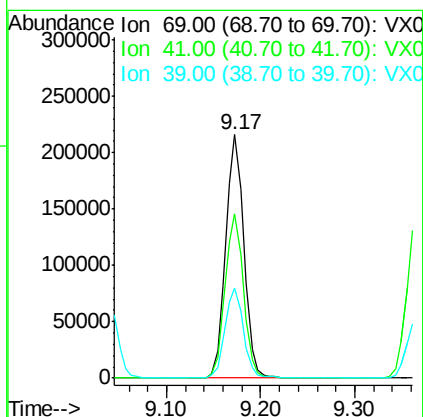
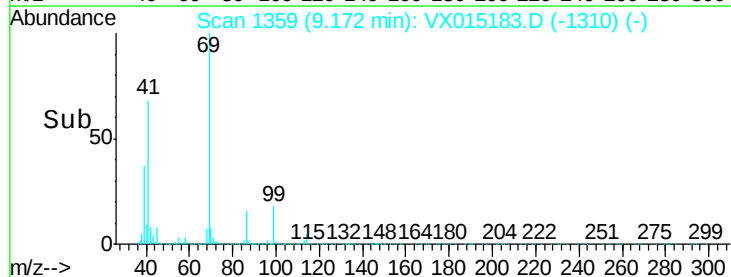
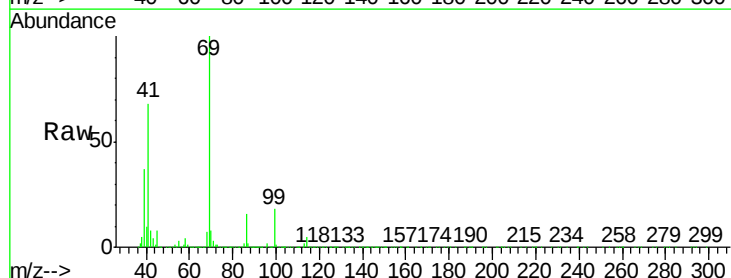
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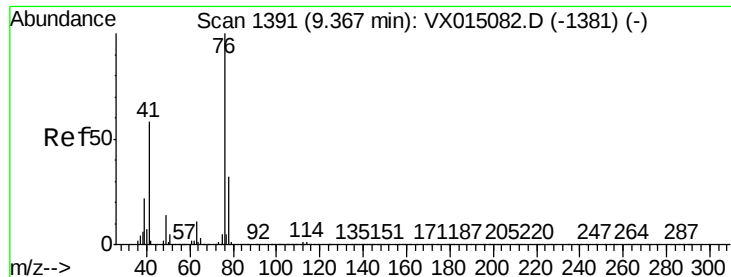
MMDadoda
 3/11/2020 3:21:18 PM



#56
 Ethyl methacrylate
 Concen: 56.783 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		289697		
41	68.3	55.8	83.8		
39	36.9	29.4	44.2		





#57

1,3-Dichloropropane

Concen: 52.439 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 31555

Ion Ratio Lower Upper

76 100

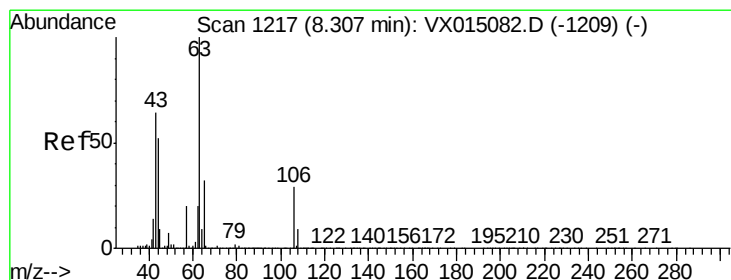
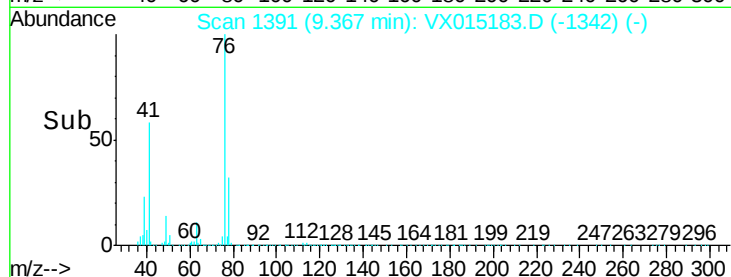
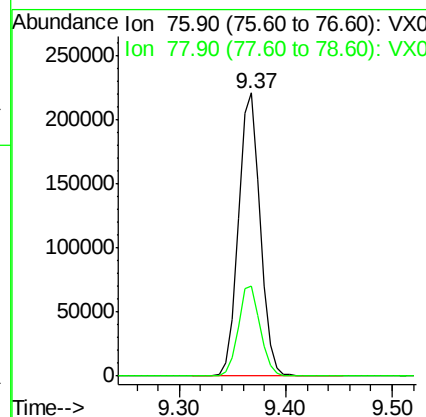
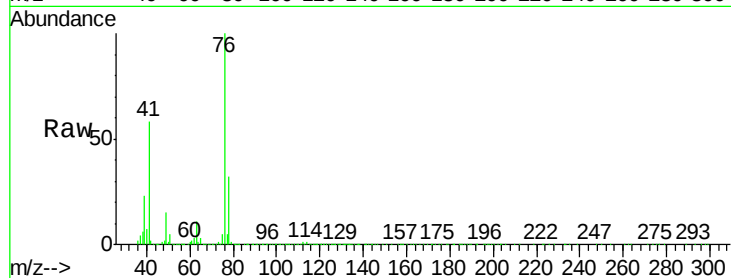
78 32.2 25.6 38.4

Manual Integrations

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3/11/2020 3:21:18 PM



#58

2-Chloroethyl Vinyl ether

Concen: 268.228 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015183.D

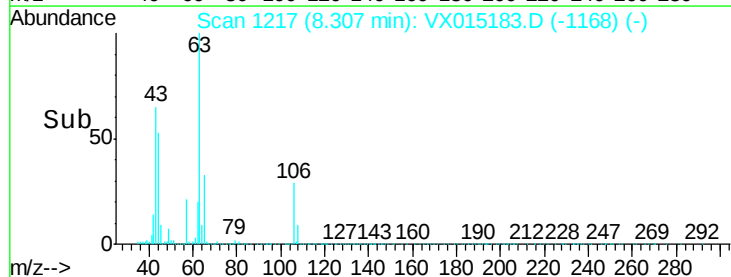
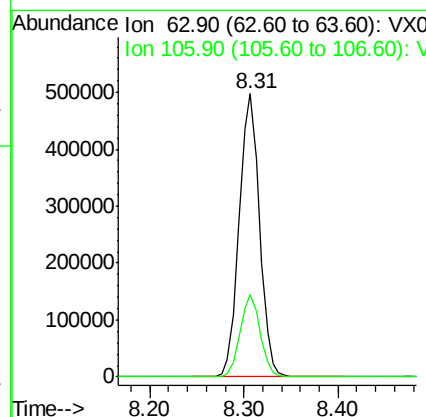
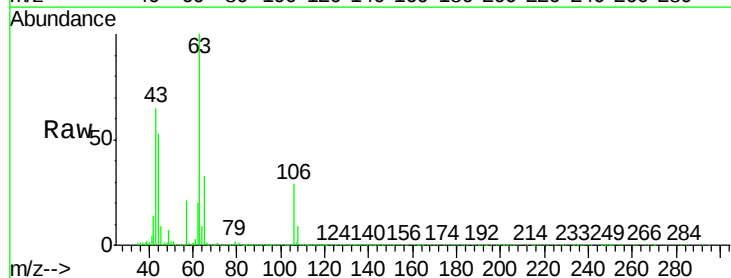
Acq: 10 Mar 2020 19:50

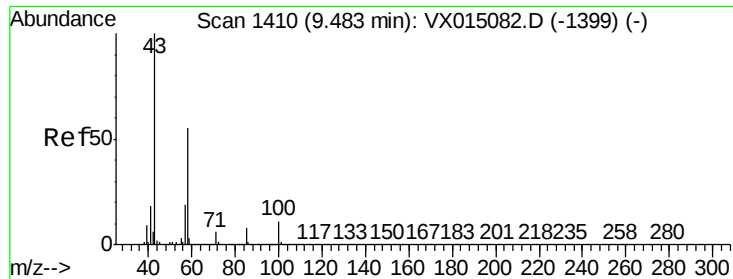
Tgt Ion: 63 Resp: 745501

Ion Ratio Lower Upper

63 100

106 28.6 22.8 34.2





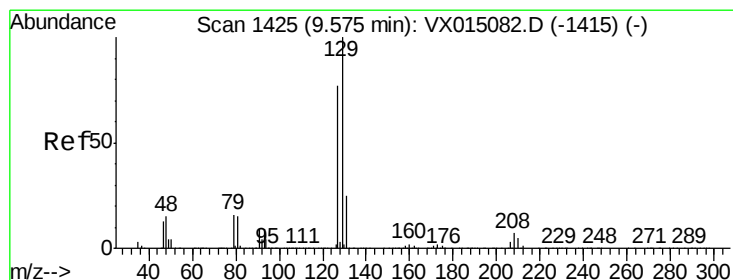
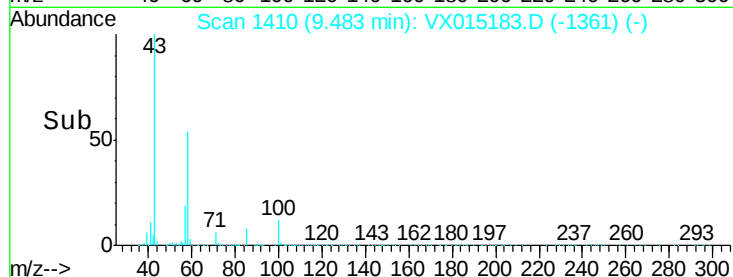
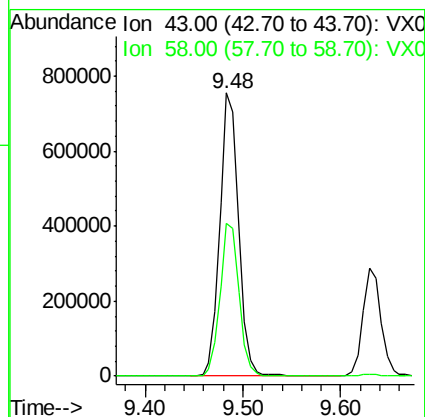
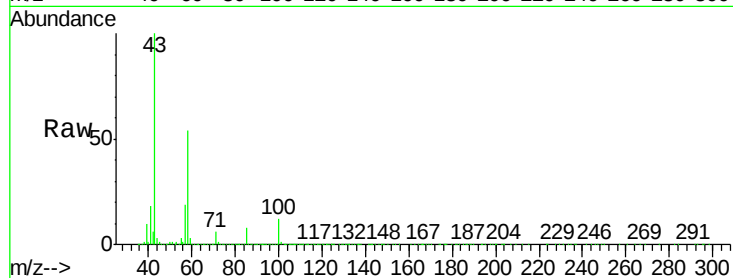
#59
2-Hexanone
Concen: 293.273 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1004678
Ion Ratio Lower Upper
43 100
58 54.7 27.3 81.8

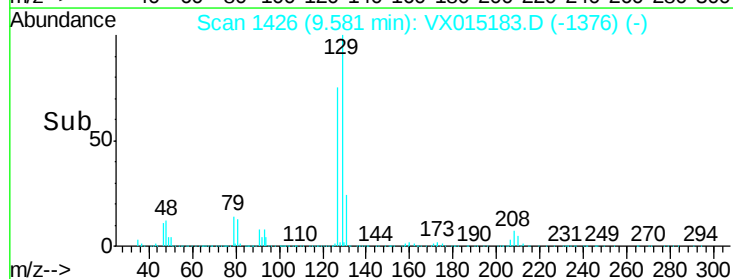
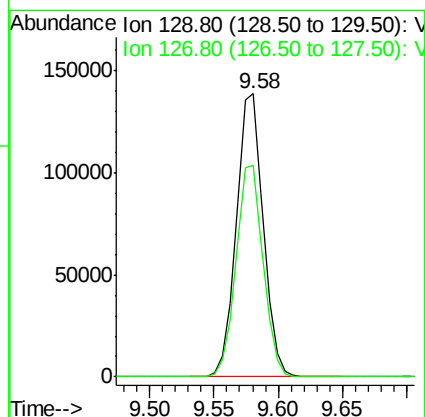
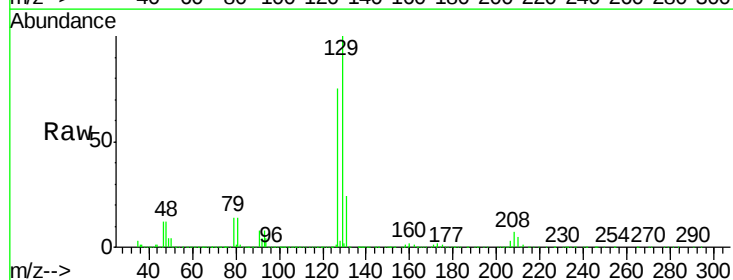
Manual Integrations
APPROVED

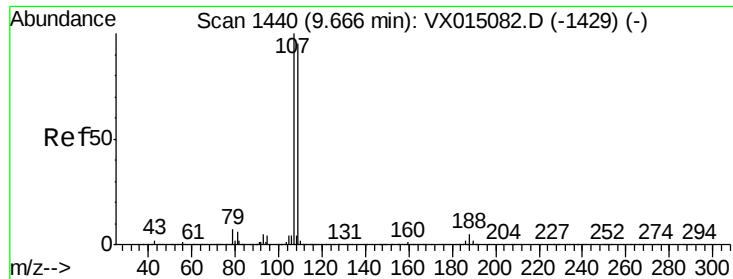
MMDadoda
3/11/2020 3:21:18 PM



#60
Dibromochloromethane
Concen: 53.487 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion: 129 Resp: 200964
Ion Ratio Lower Upper
129 100
127 75.7 38.8 116.3





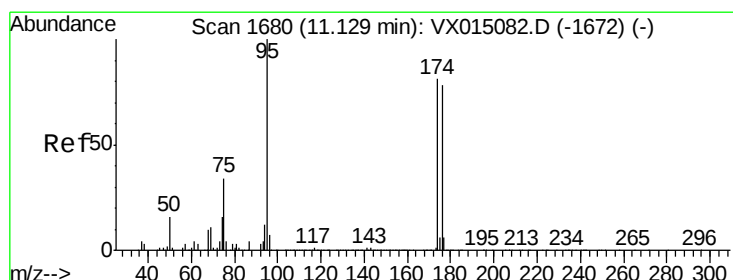
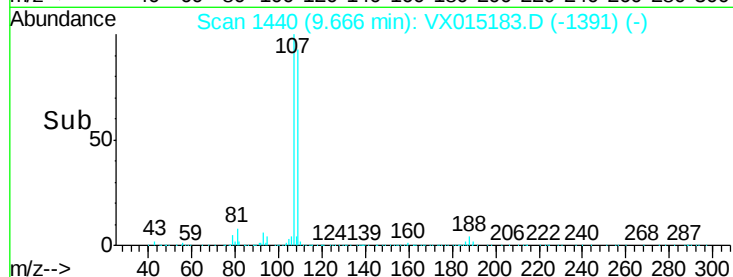
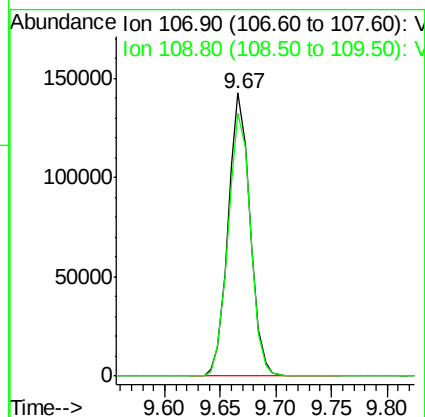
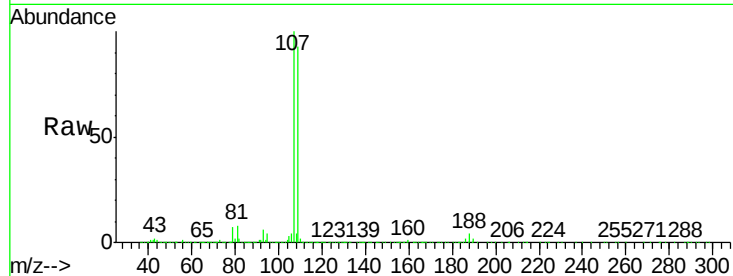
#61
 1,2-Dibromoethane
 Concen: 51.698 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.6	113.4

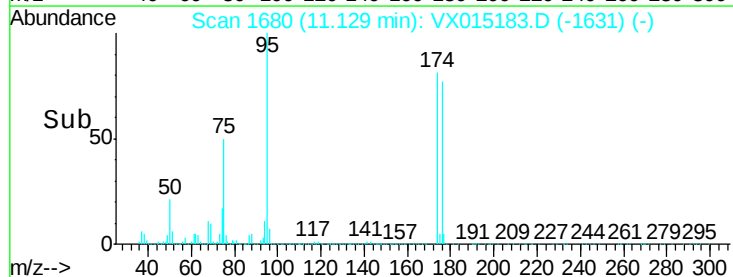
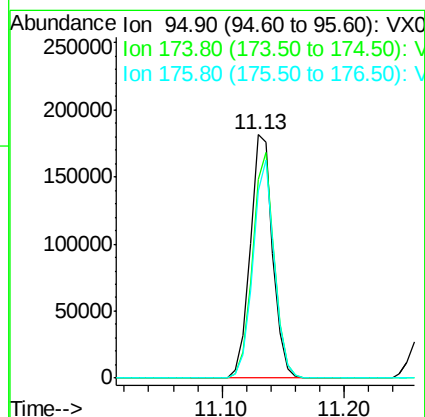
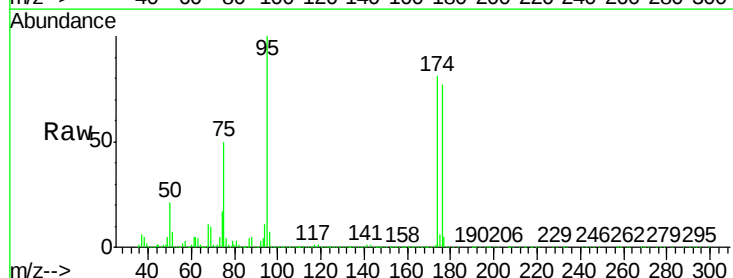
Manual Integrations
 APPROVED

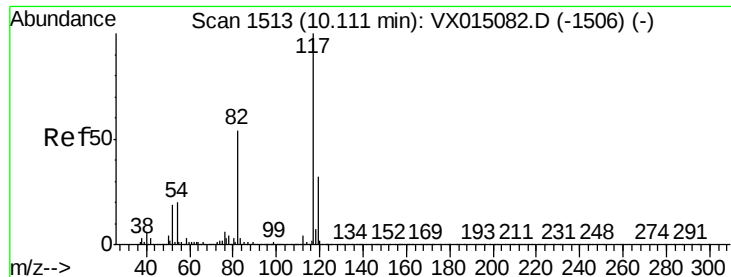
MMDadoda
 3/11/2020 3:21:18 PM



#62
 4-Bromofluorobenzene
 Concen: 52.068 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	177.6
176	86.5	0.0	170.2





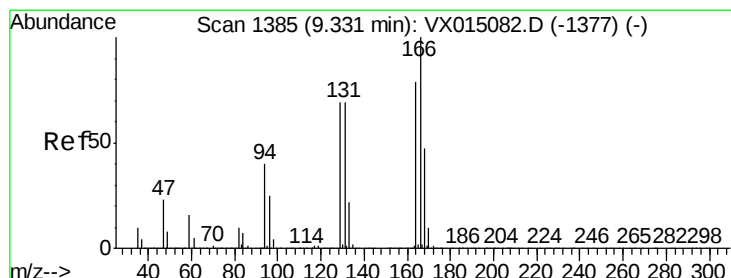
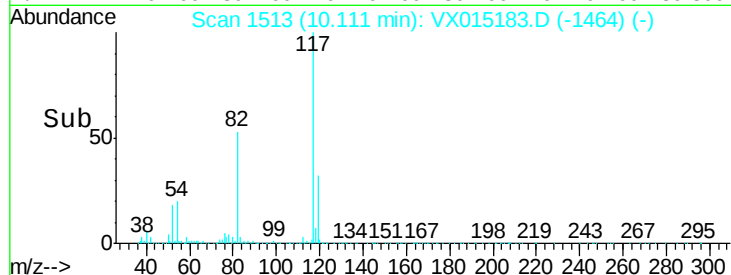
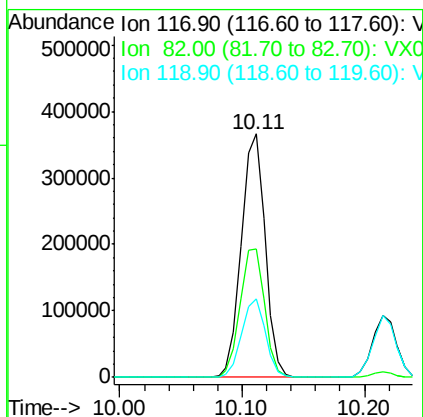
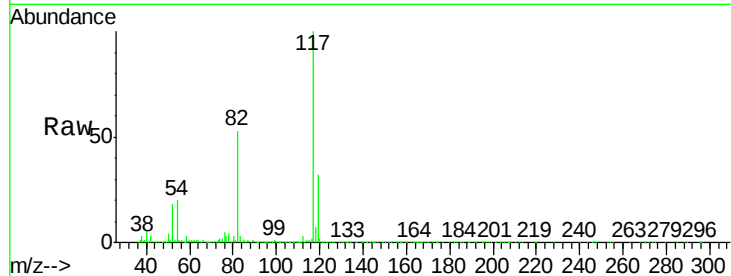
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	52.5	43.3	64.9
119	32.0	25.8	38.8

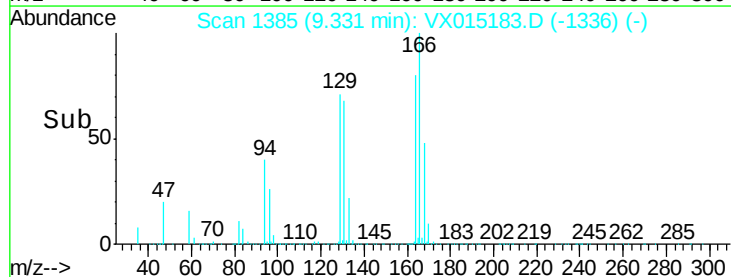
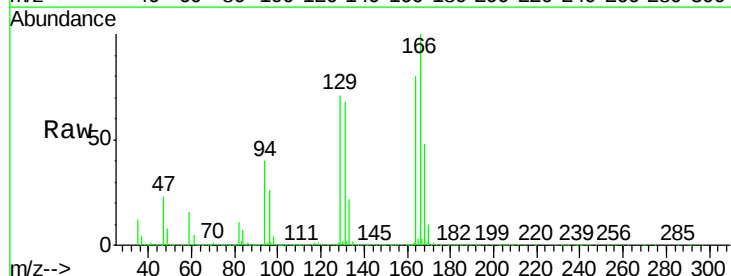
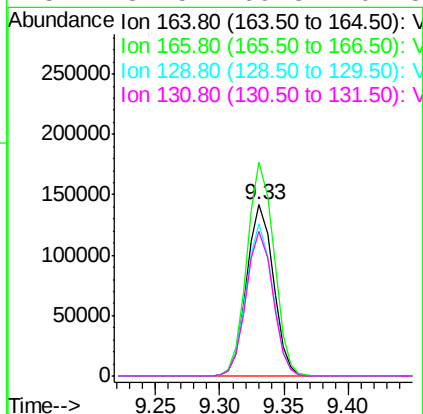
Manual Integrations
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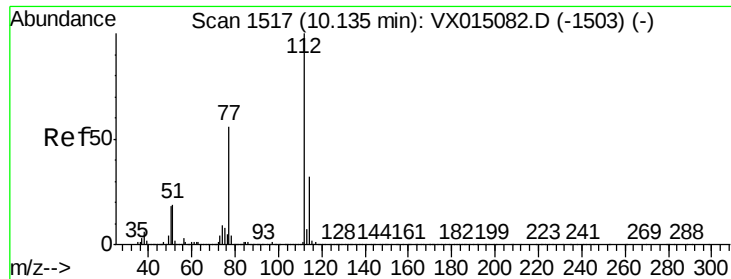
MMDadoda
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#64
Tetrachloroethene
Concen: 49.544 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	124.6	101.1	151.7
129	89.0	69.4	104.0
131	84.5	69.8	104.8





#65

Chlorobenzene

Concen: 49.923 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 494943

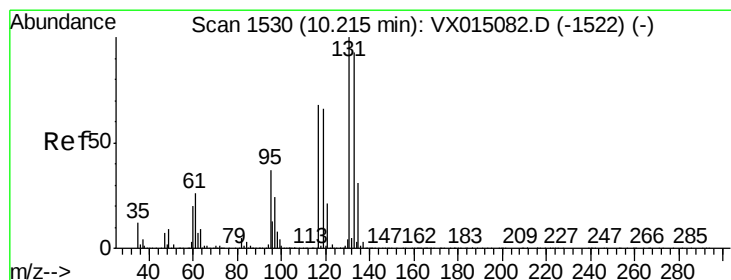
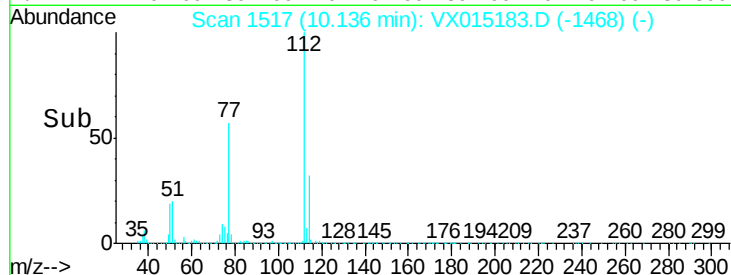
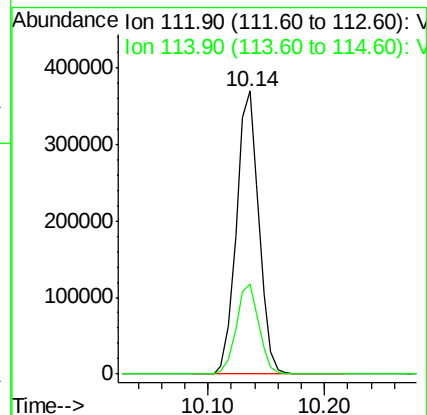
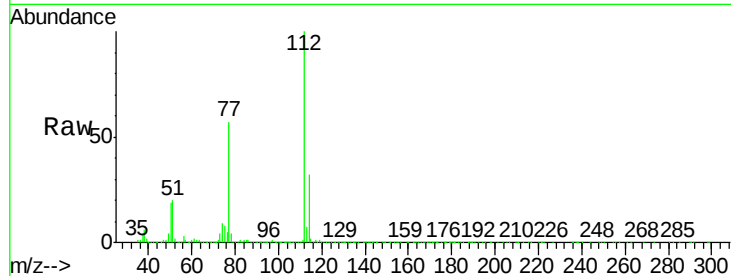
Ion Ratio Lower Upper

112 100

114 31.6 25.5 38.3

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 49.693 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

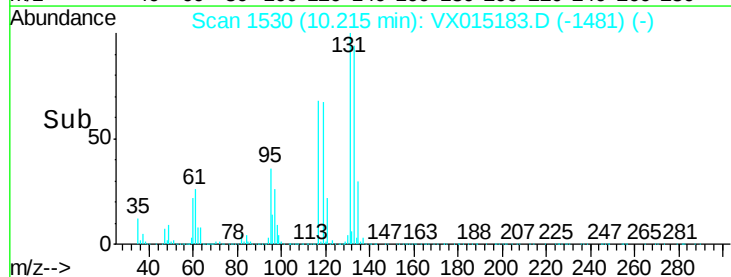
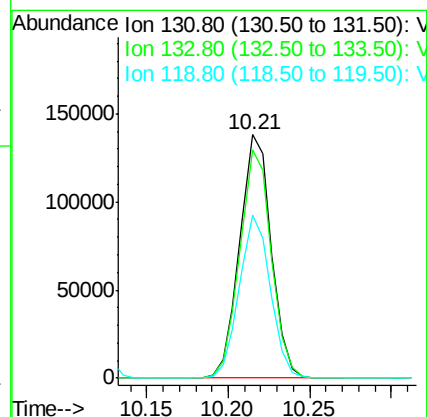
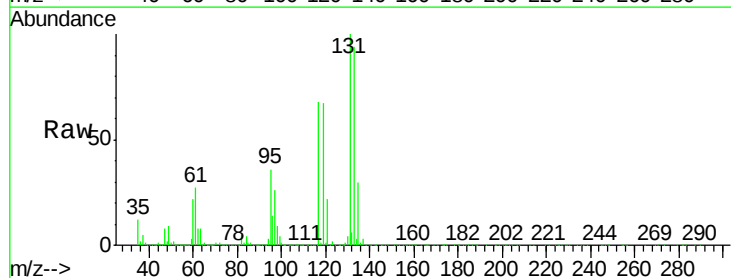
Tgt Ion:131 Resp: 185768

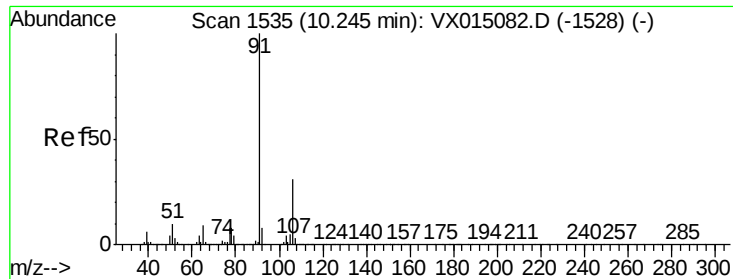
Ion Ratio Lower Upper

131 100

133 94.2 47.5 142.5

119 66.0 33.4 100.1





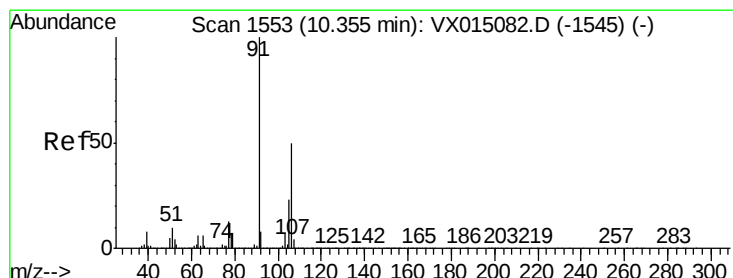
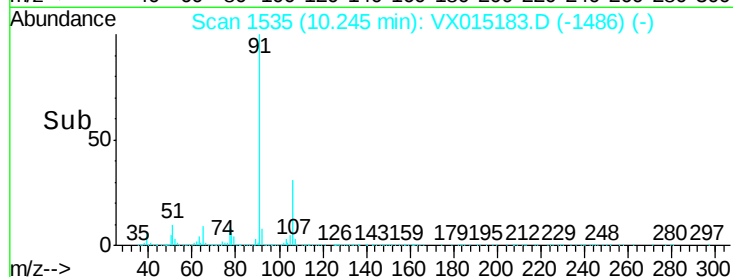
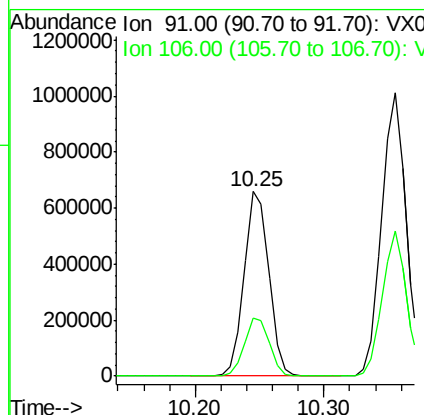
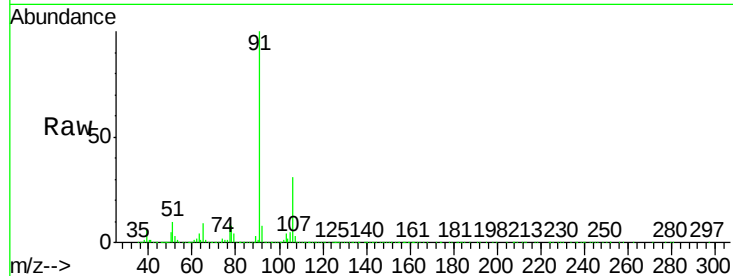
#67
Ethyl Benzene
Concen: 51.663 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 869760
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

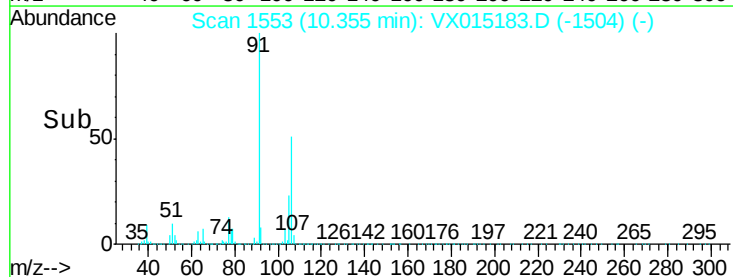
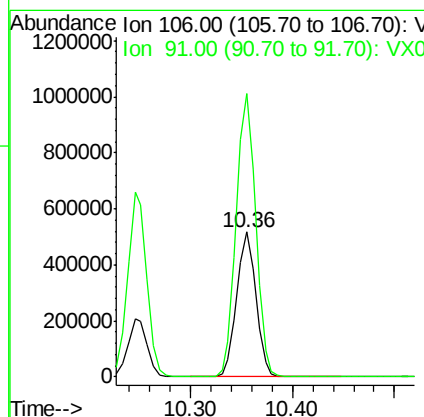
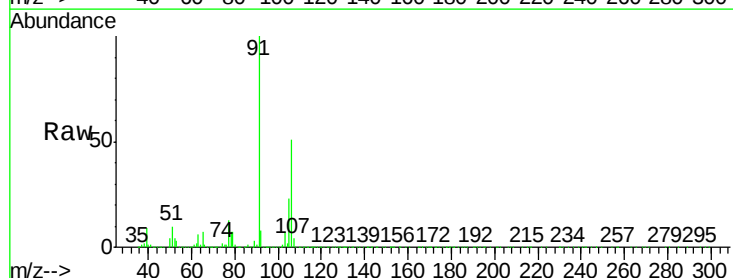
Manual Integrations
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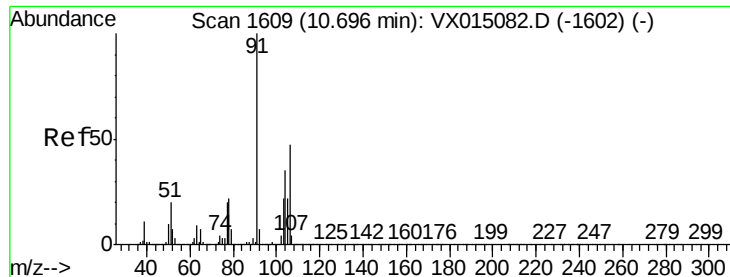
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#68
m/p-Xylenes
Concen: 104.310 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion: 106 Resp: 668123
Ion Ratio Lower Upper
106 100
91 198.5 159.4 239.2





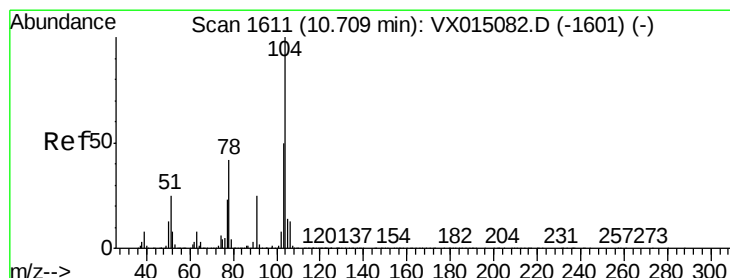
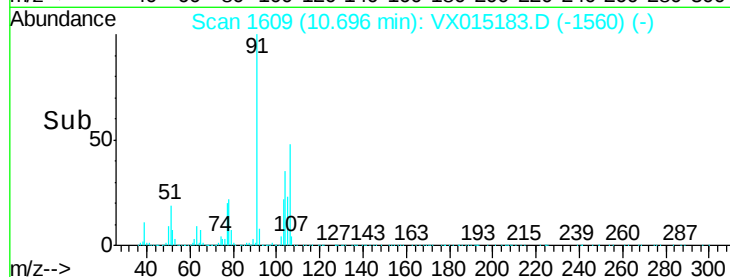
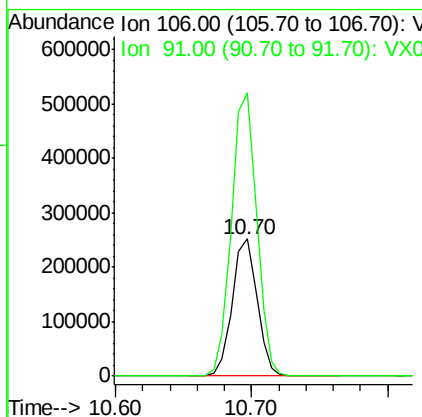
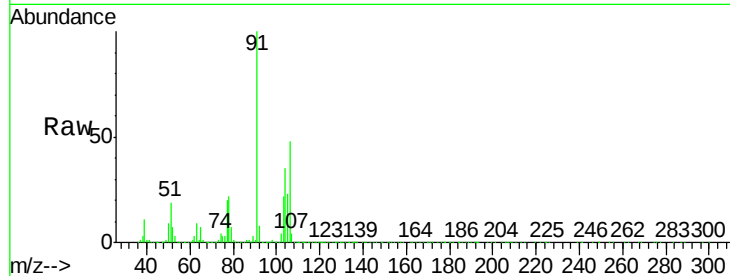
#69
o-Xylene
Concen: 52.408 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.7	105.4	316.1

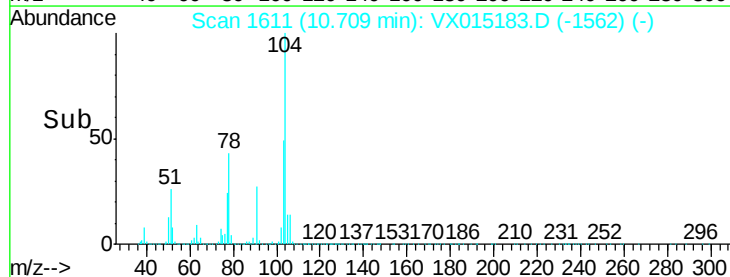
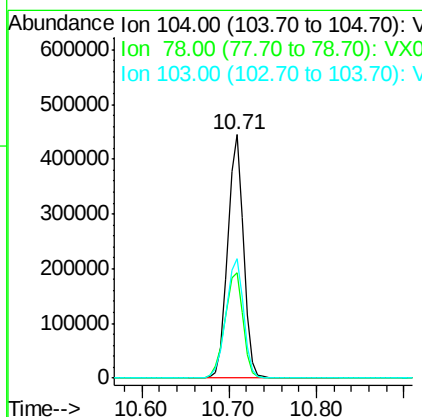
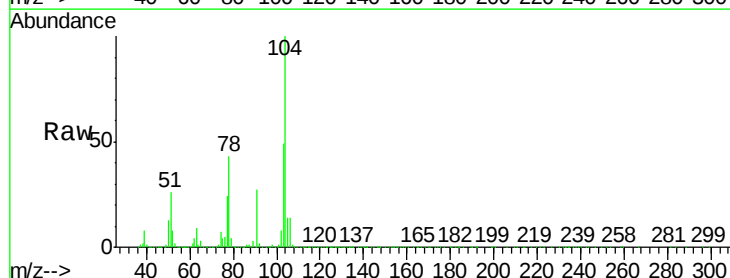
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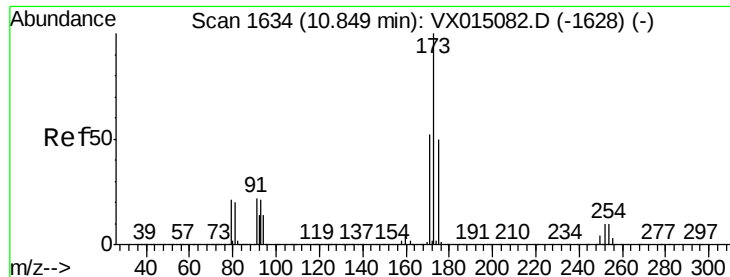
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#70
Styrene
Concen: 53.059 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.0	39.0	58.4
103	54.2	43.7	65.5





#71

Bromoform

Concen: 51.438 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

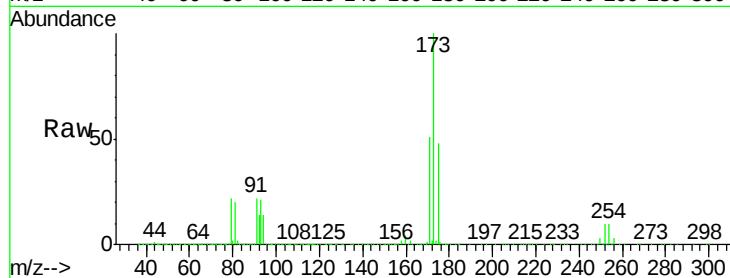
ClientSampleId :

VSTDCCC050EC

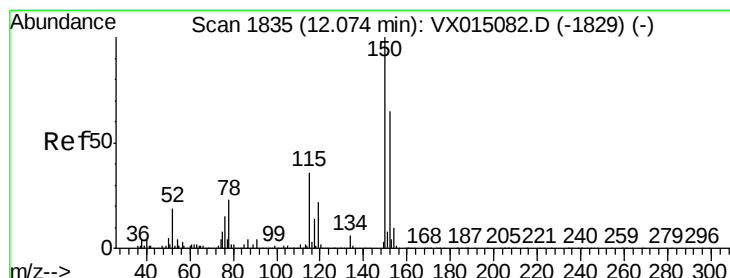
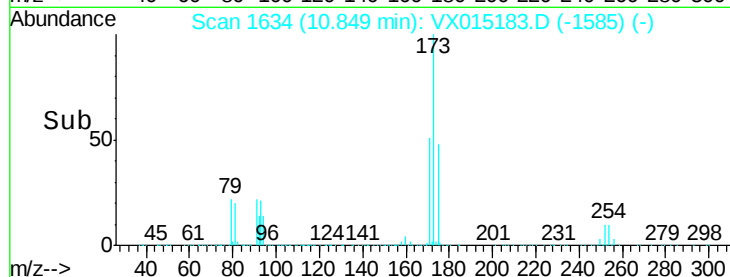
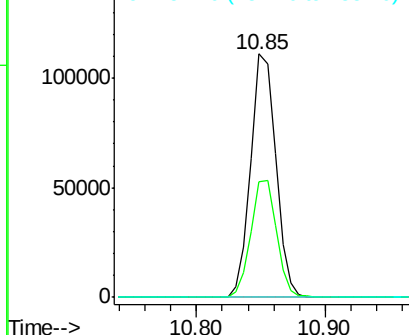
Tot Ion:	173	Resp:	149117
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.9	74.7
254	0.2	0.2	0.2

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

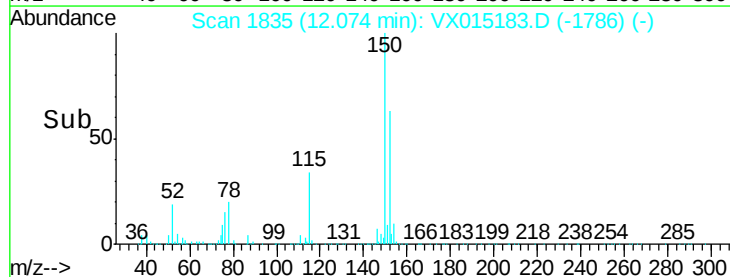
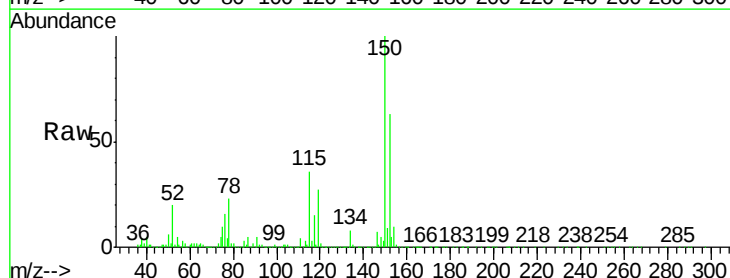
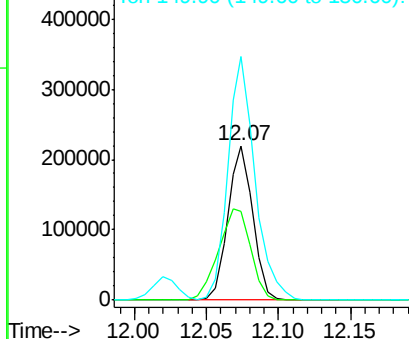
Delta R.T. 0.00 min

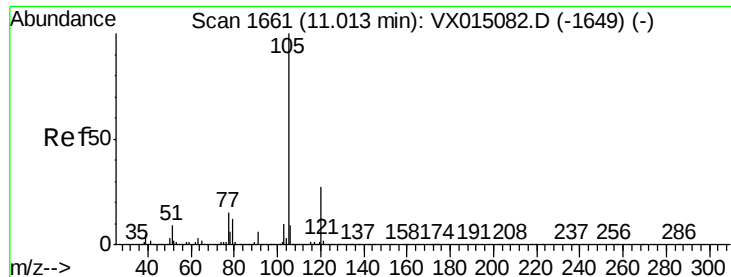
Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Tgt Ion:	152	Resp:	266838
Ion Ratio	Lower	Upper	
152	100		
115	75.7	38.2	114.6
150	171.9	0.0	343.8

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





#73

Isopropylbenzene

Concen: 49.801 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 848897

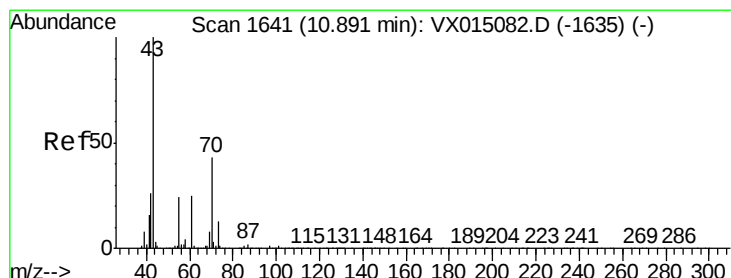
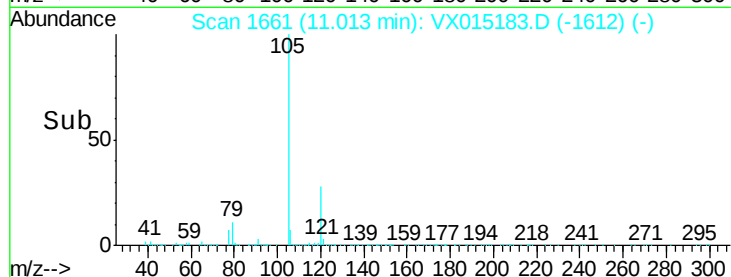
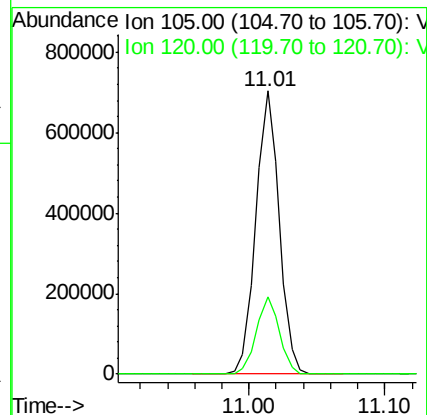
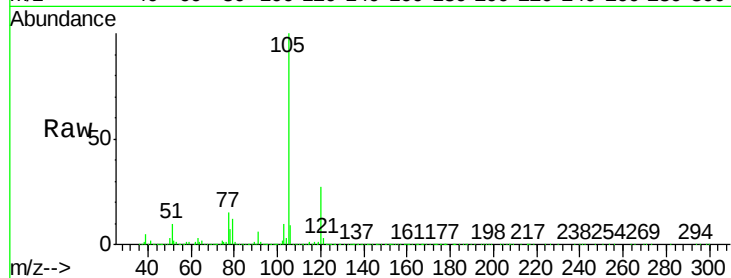
Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5

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#74

N-ethyl acetate

Concen: 50.163 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Tgt Ion: 43 Resp: 360356

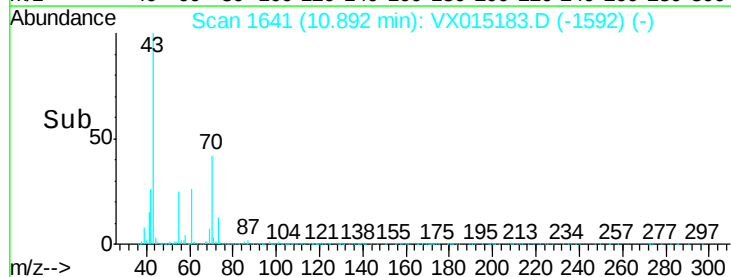
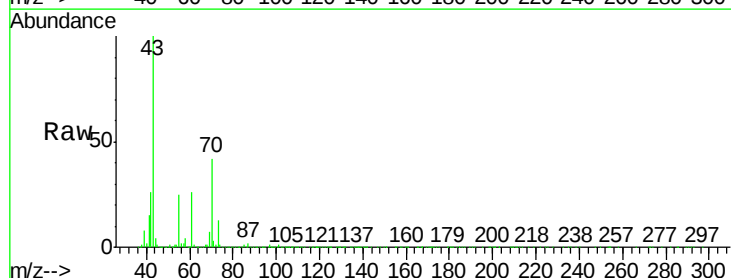
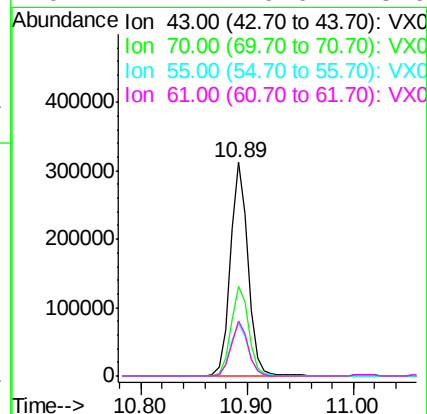
Ion Ratio Lower Upper

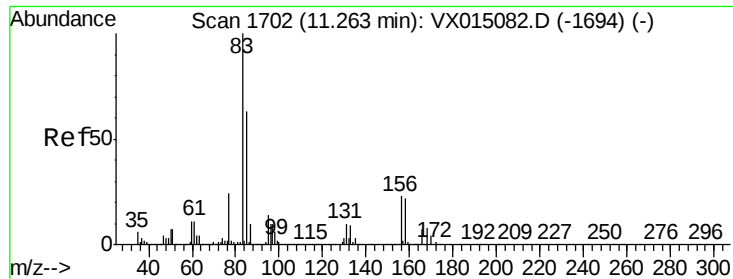
43 100

70 42.2 34.7 52.1

55 24.9 19.4 29.0

61 24.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.095 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

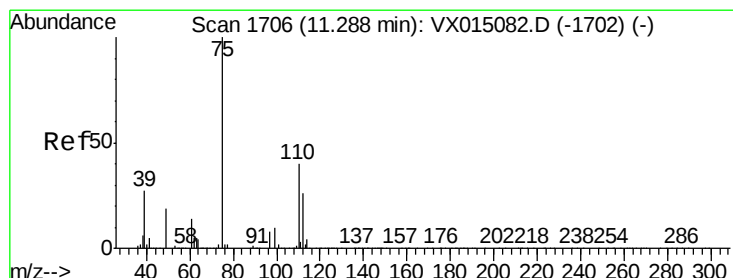
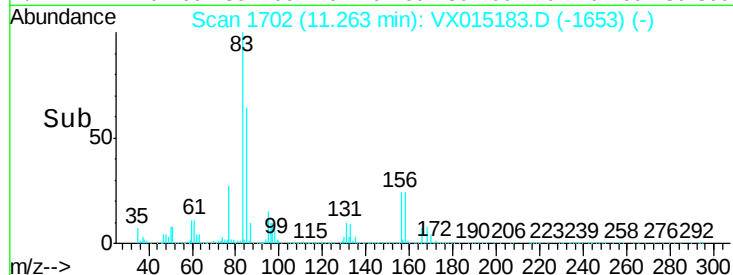
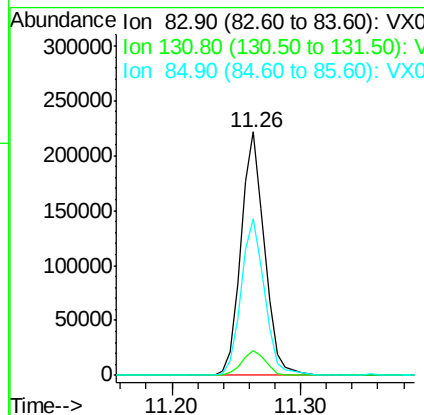
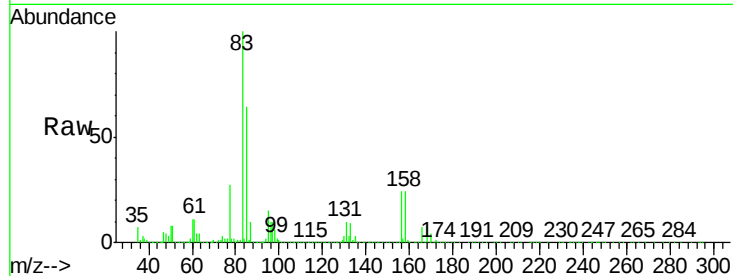
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	278895
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.0	14.9
85	64.7	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 42.704 ug/l m

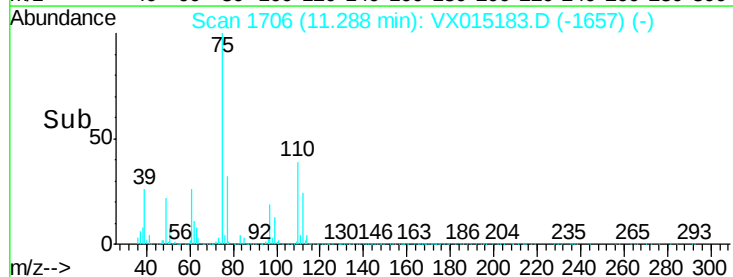
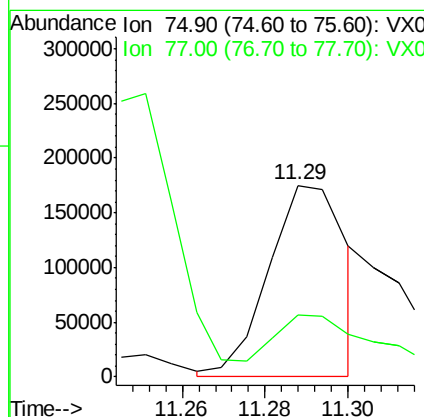
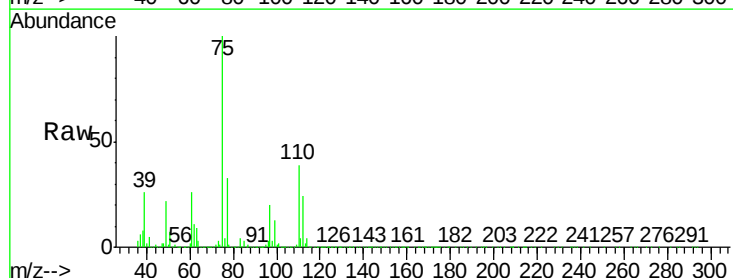
RT: 11.29 min Scan# 1706

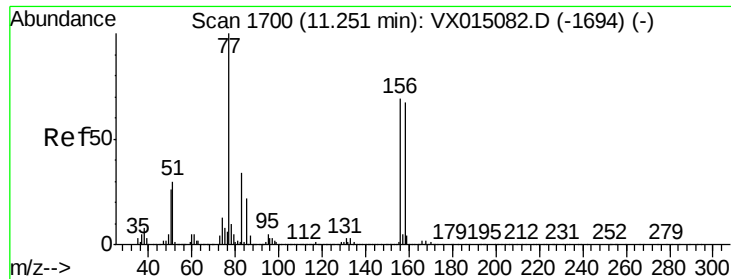
Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Tgt Ion:	75	Resp:	227299
Ion Ratio	Lower	Upper	
75	100		
77	43.2	22.6	67.8





#77

Bromobenzene

Concen: 47.150 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

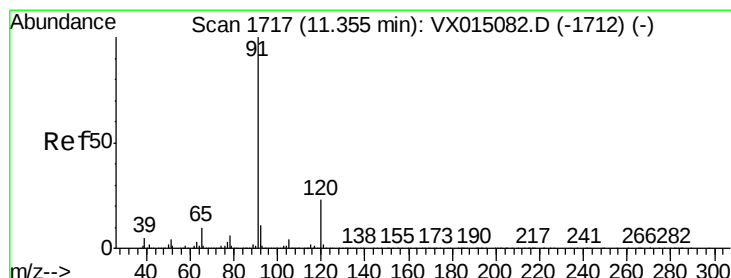
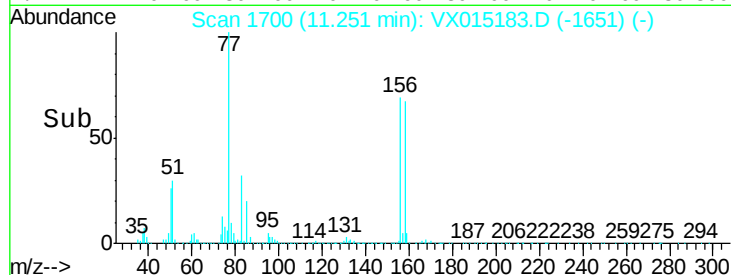
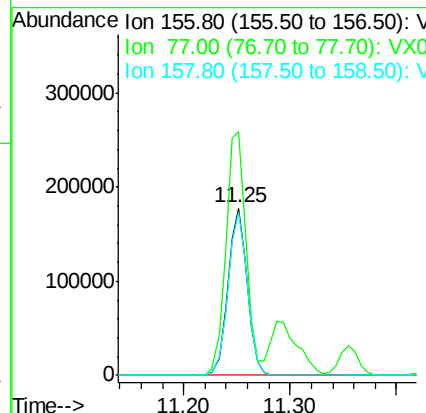
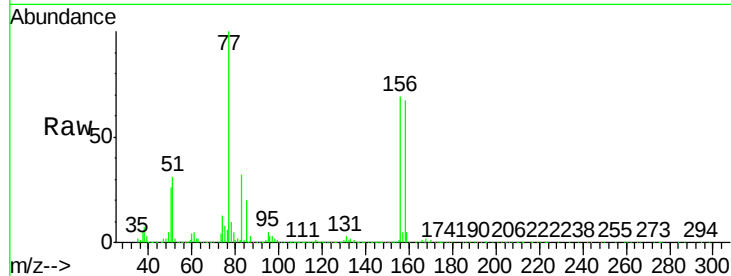
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	223983
Ion Ratio	Lower	Upper	
156	100		
77	154.0	75.3	225.9
158	97.9	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 50.203 ug/l

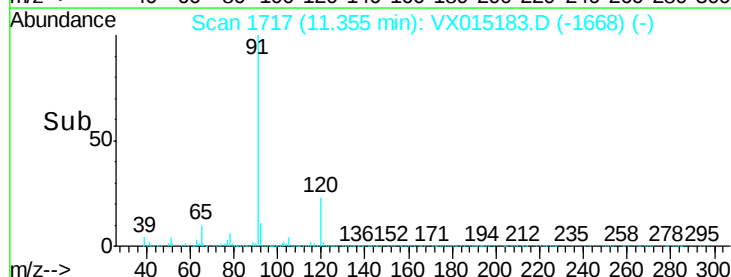
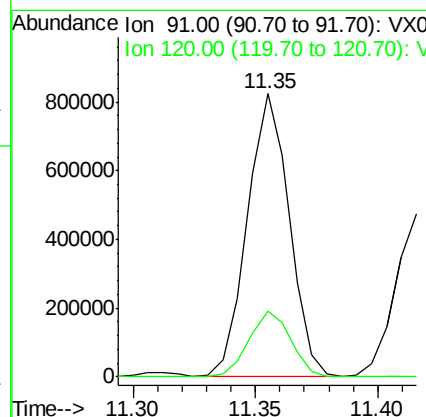
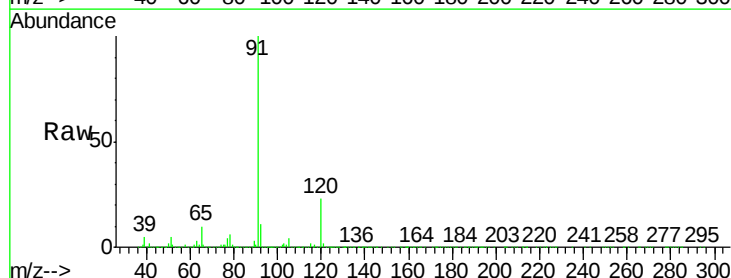
RT: 11.35 min Scan# 1717

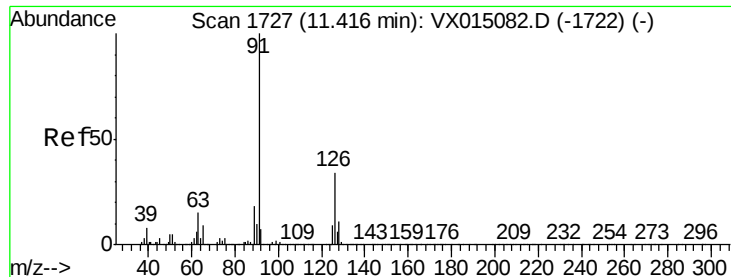
Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Tgt Ion:	91	Resp:	977667
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.7	35.1





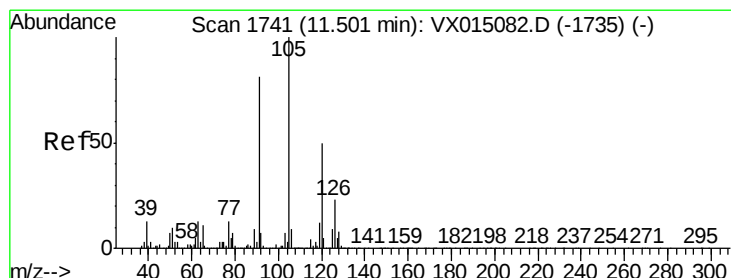
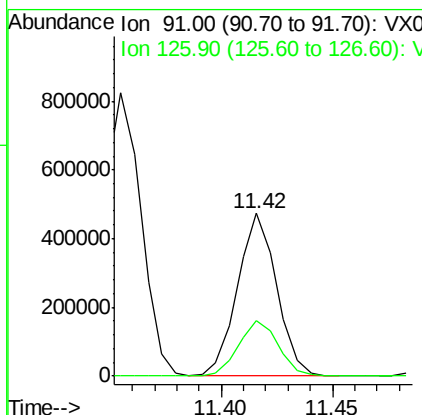
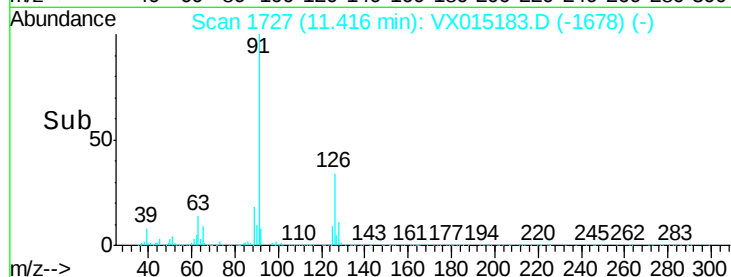
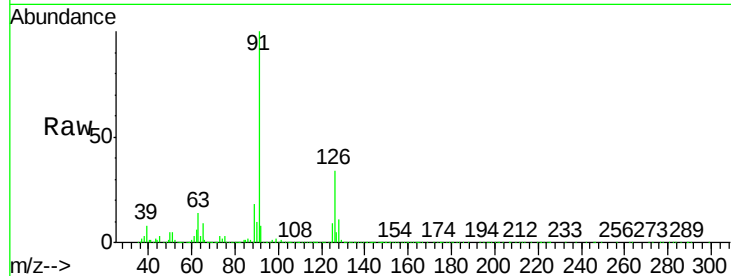
#79
 2-Chlorotoluene
 Concen: 49.691 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 577908
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.3 52.0

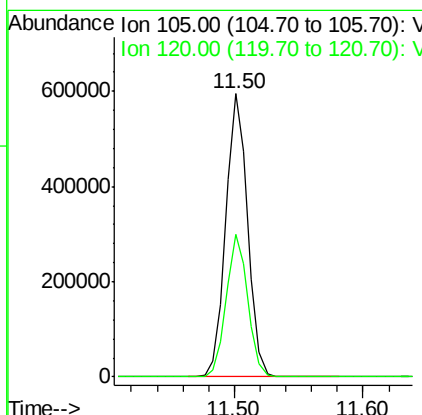
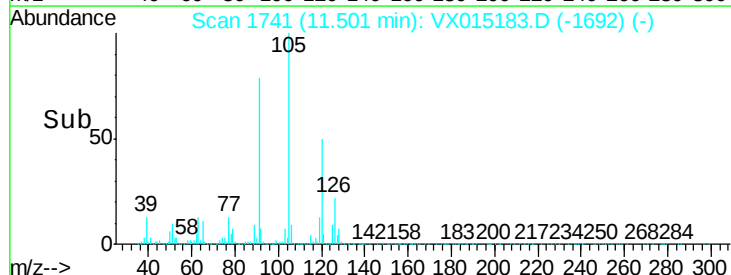
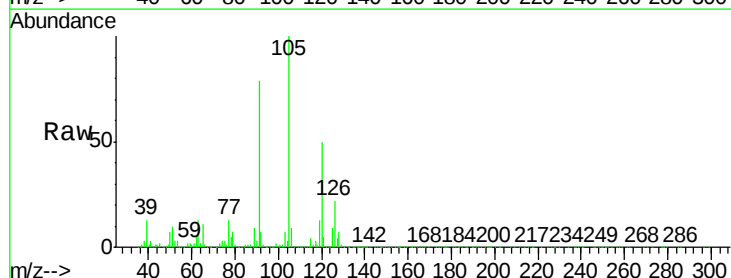
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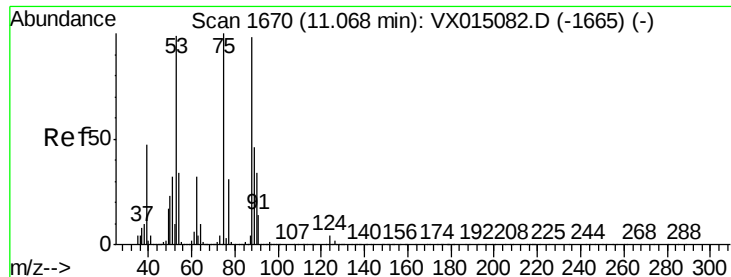
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.046 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Tgt Ion: 105 Resp: 710147
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.1 75.4





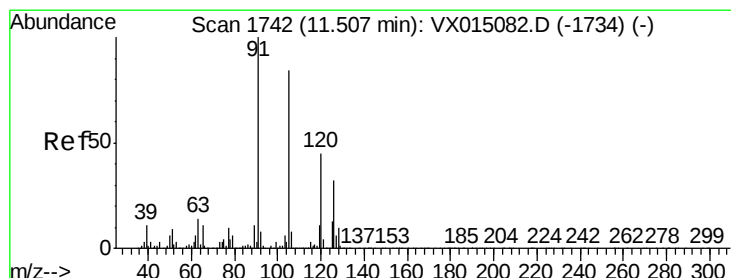
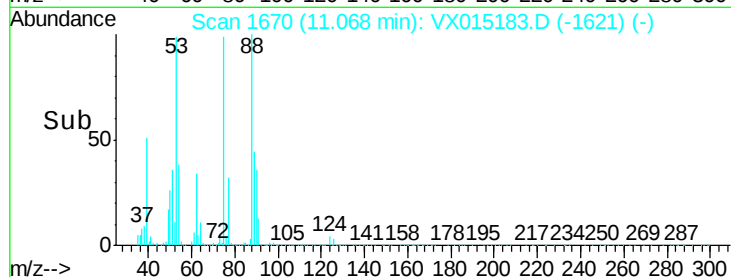
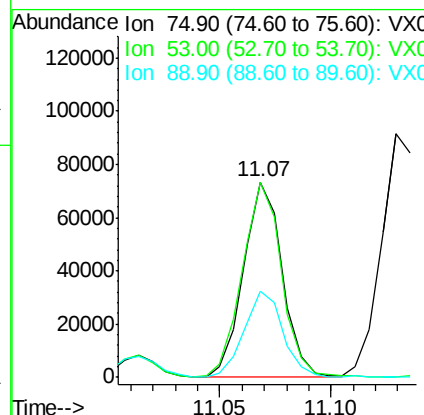
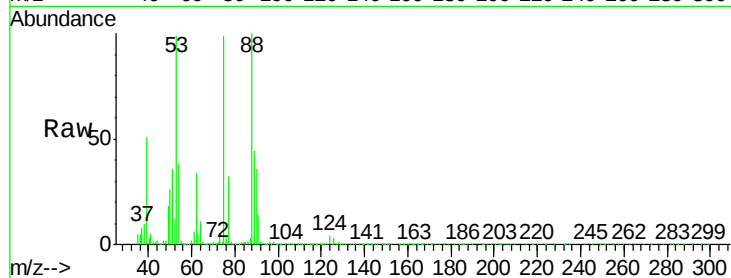
#81
trans-1,4-Dichloro-2-butene
Concen: 47.164 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.9	77.9	116.9
89	43.9	36.2	54.2

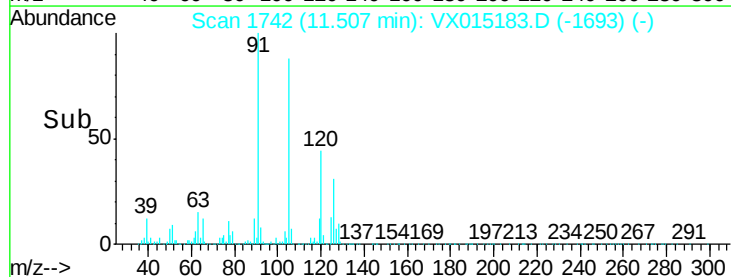
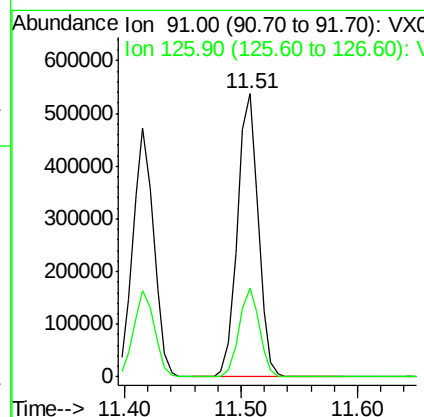
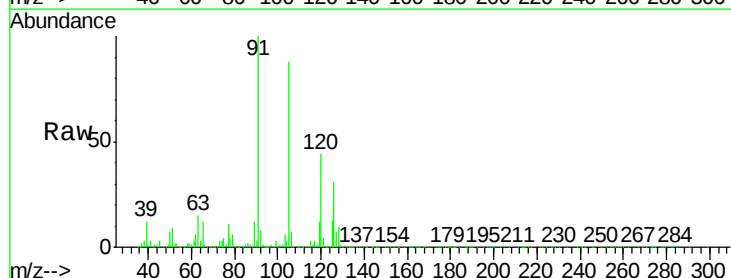
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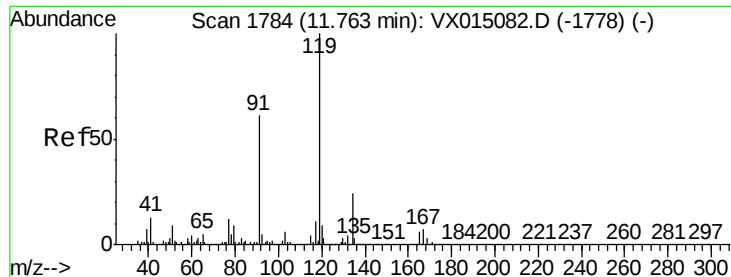
MMDadoda
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#82
4-Chlorotoluene
Concen: 48.822 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.4	46.2





#83

tert-Butylbenzene

Concen: 50.456 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Instrument :

MSVOA_X

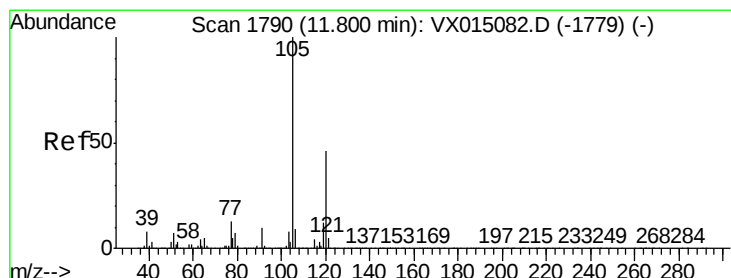
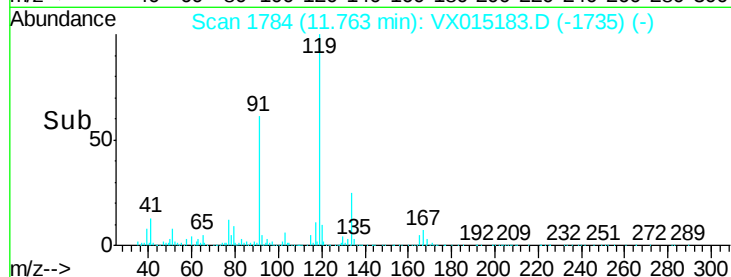
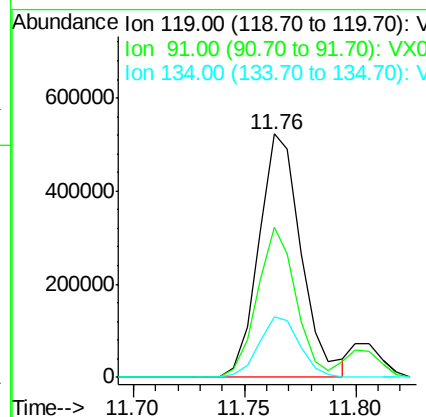
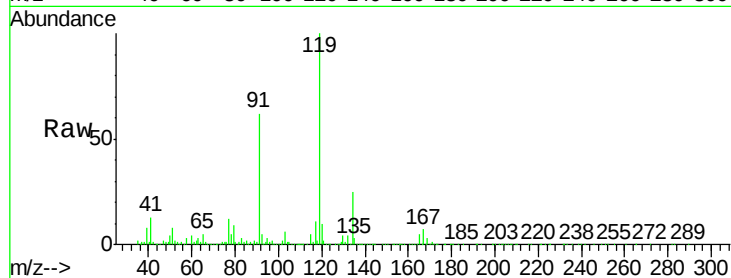
ClientSampled :

VSTDCCC050EC

Tot Ion:	119	Resp:	692290
Ion Ratio	Lower	Upper	
119	100		
91	56.3	28.5	85.6
134	24.0	11.9	35.7

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#84

1,2,4-Trimethylbenzene

Concen: 50.988 ug/l

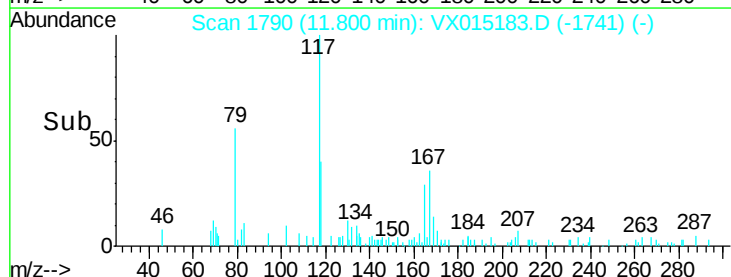
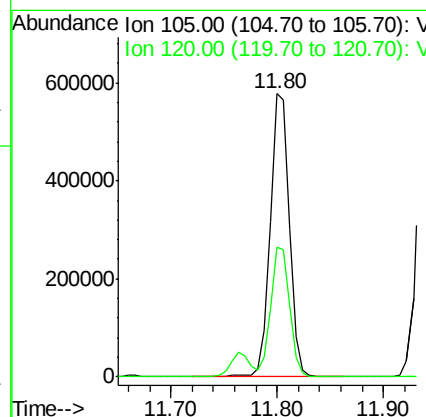
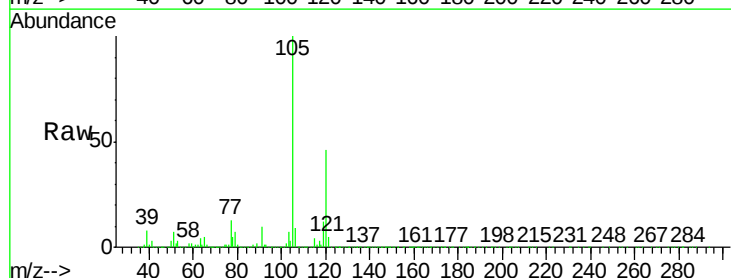
RT: 11.80 min Scan# 1790

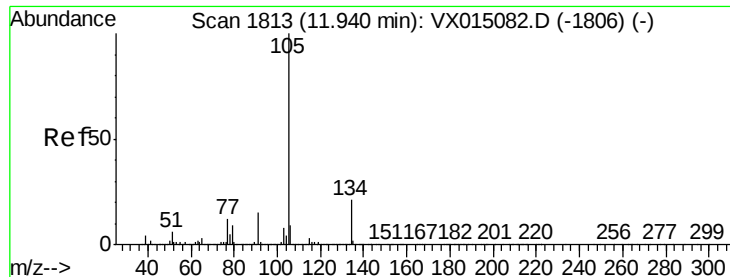
Delta R.T. 0.00 min

Lab File: VX015183.D

Acq: 10 Mar 2020 19:50

Tgt Ion:	105	Resp:	726845
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.9	68.5





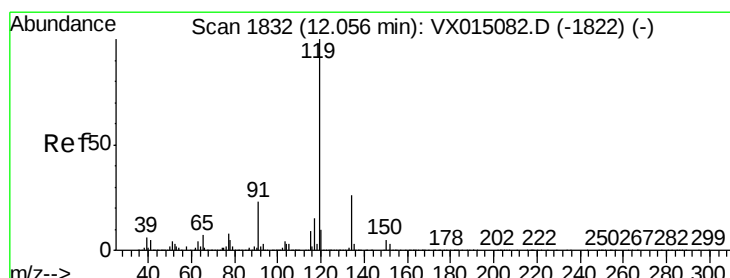
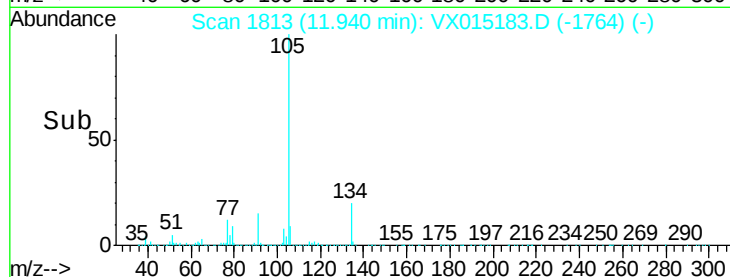
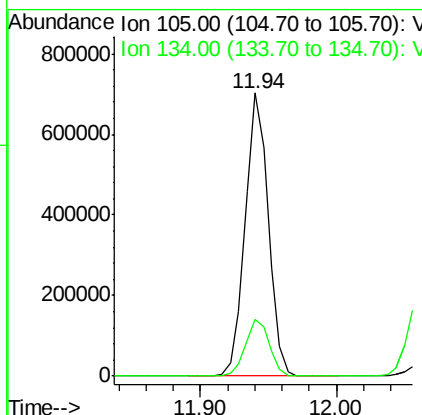
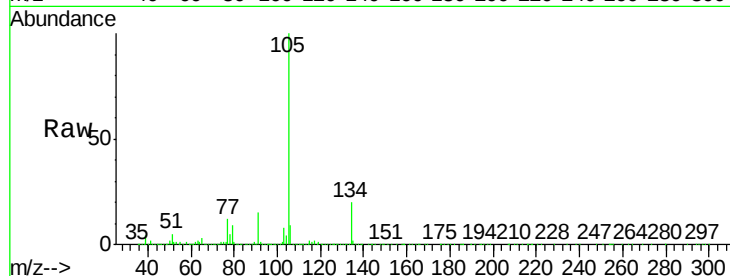
#85
 sec-Butylbenzene
 Concen: 50.335 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.4	31.2

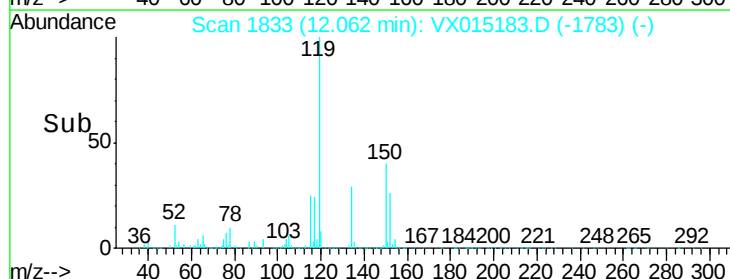
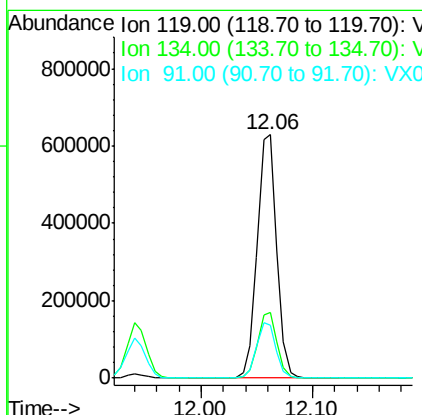
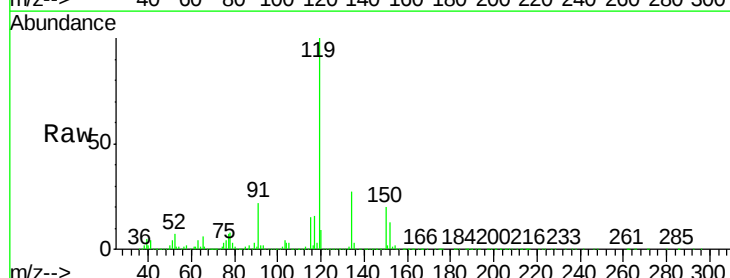
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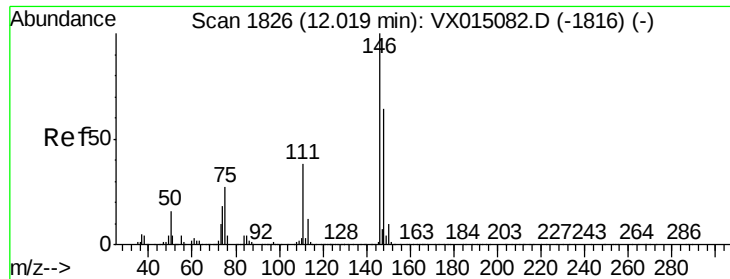
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#86
 p-Isopropyltoluene
 Concen: 50.415 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.4	40.1
91	22.5	11.3	33.8





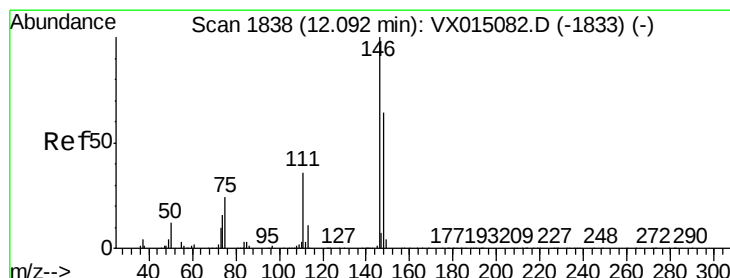
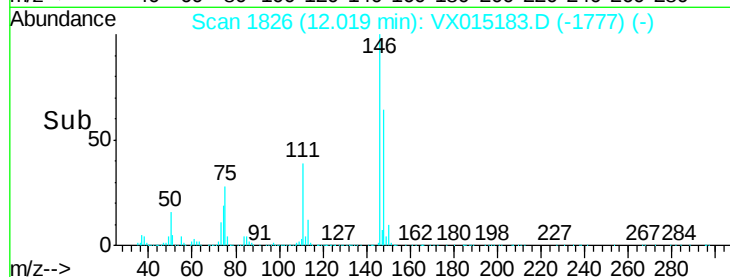
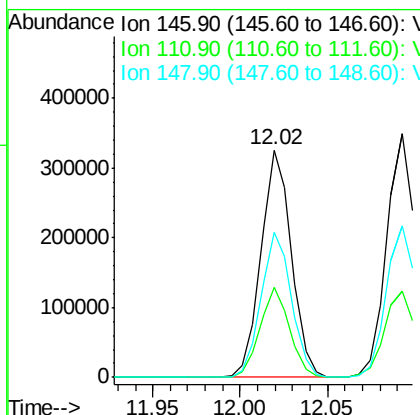
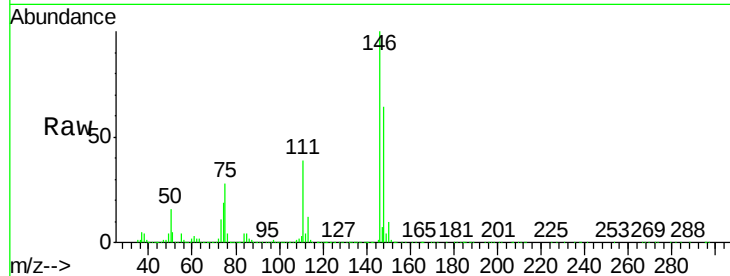
#87
 1,3-Dichlorobenzene
 Concen: 47.831 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.1
148	63.9	31.9	95.5

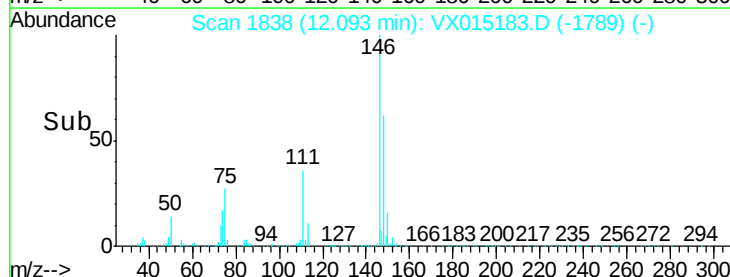
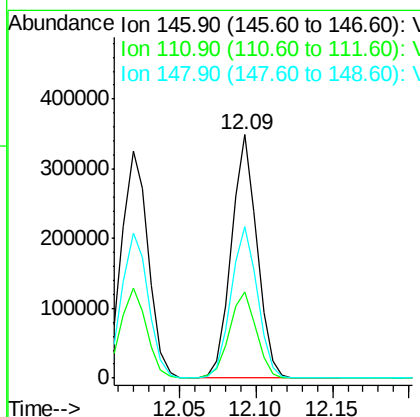
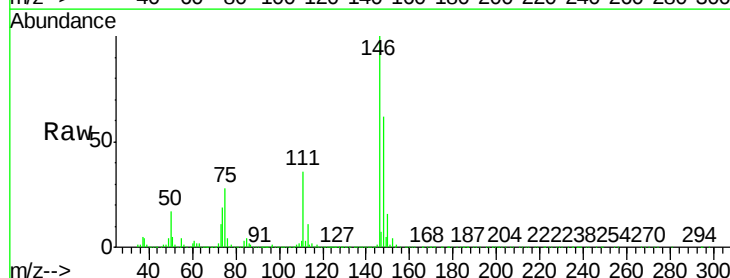
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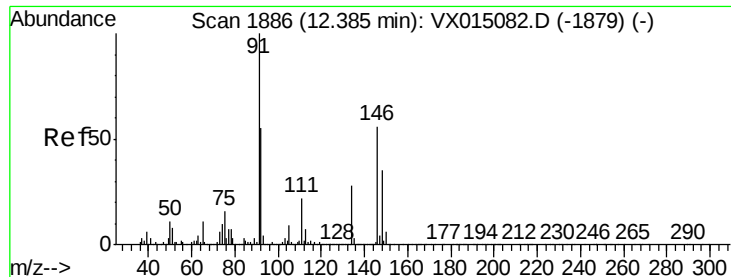
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#88
 1,4-Dichlorobenzene
 Concen: 46.826 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.7	56.1
148	63.9	32.5	97.4





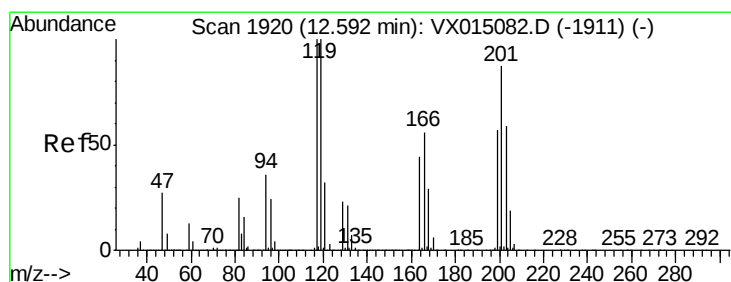
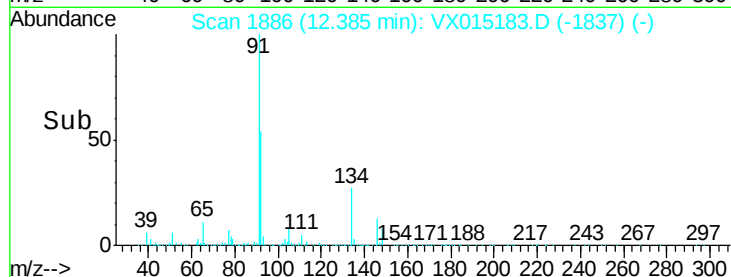
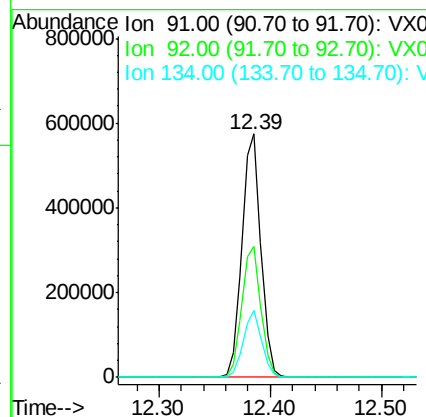
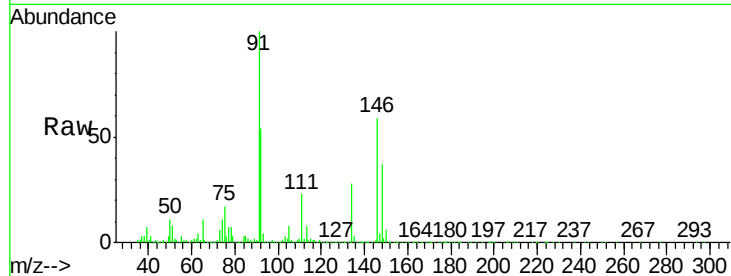
#89
n-Butylbenzene
Concen: 49.766 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.2	81.6
134	26.4	13.5	40.5

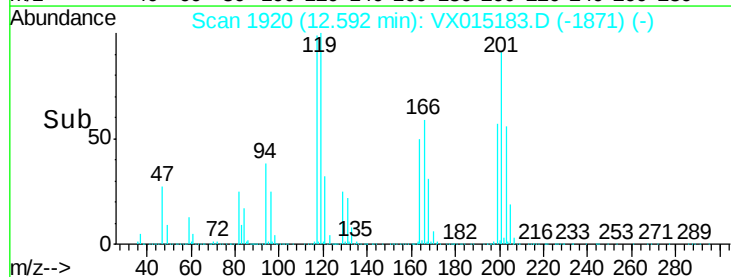
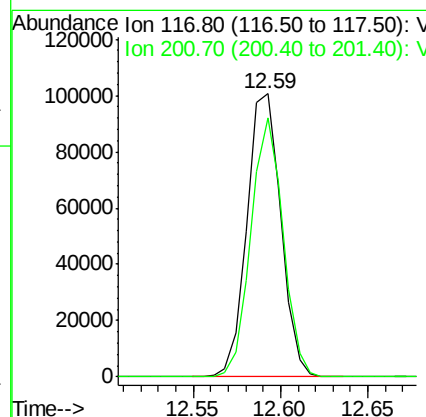
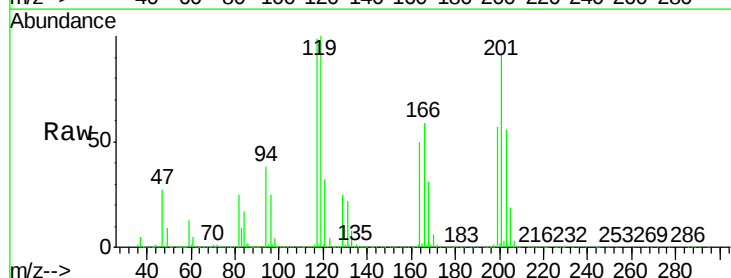
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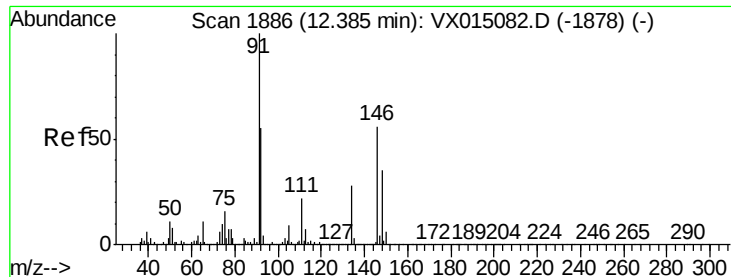
MMDadoda
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#90
Hexachloroethane
Concen: 46.830 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.0	43.5	130.7





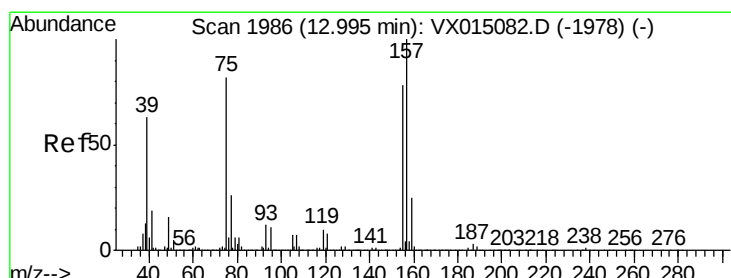
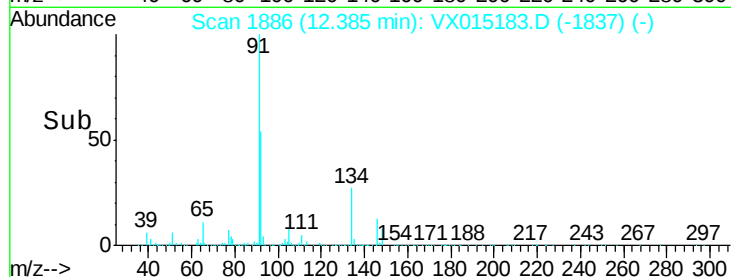
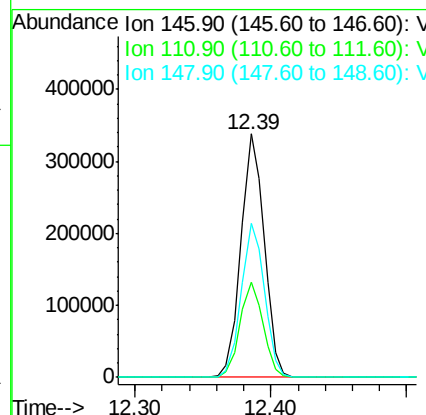
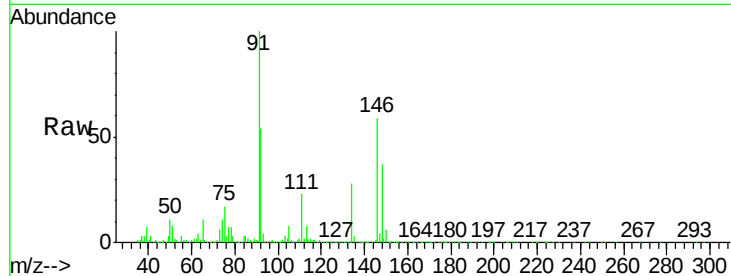
#91
 1,2-Dichlorobenzene
 Concen: 48.563 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.9	59.7
148	63.3	32.3	96.8

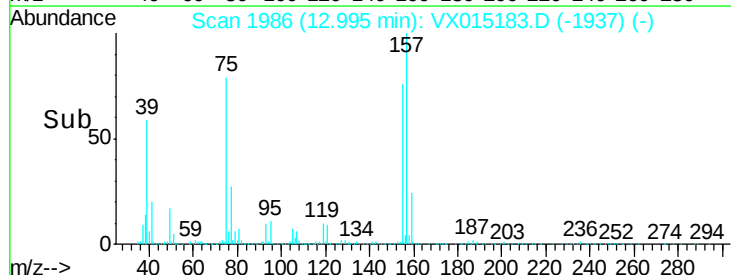
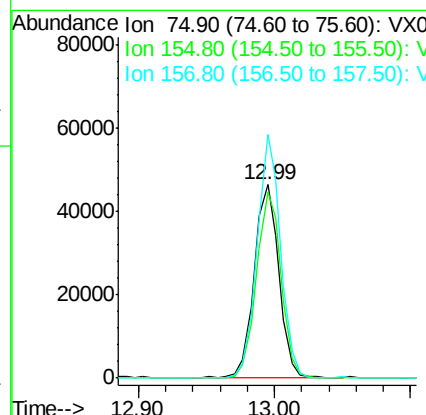
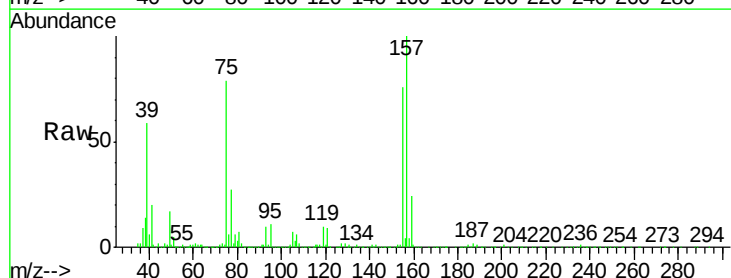
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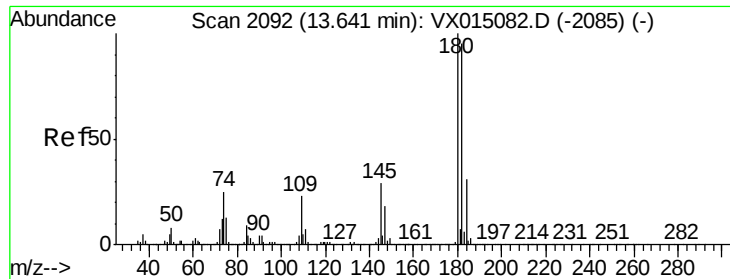
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.360 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.6	46.6	139.7
157	120.8	59.2	177.5





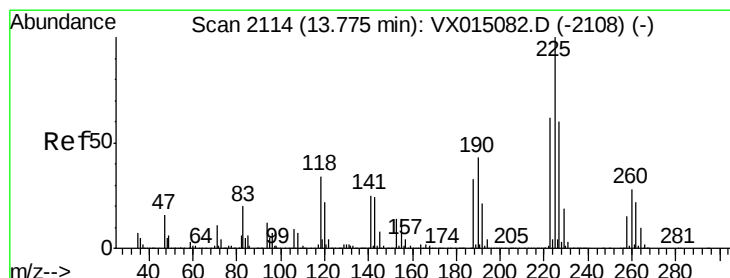
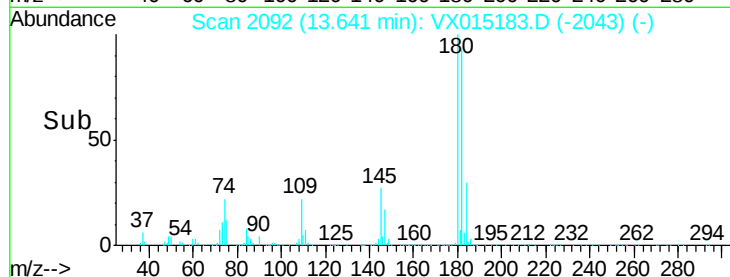
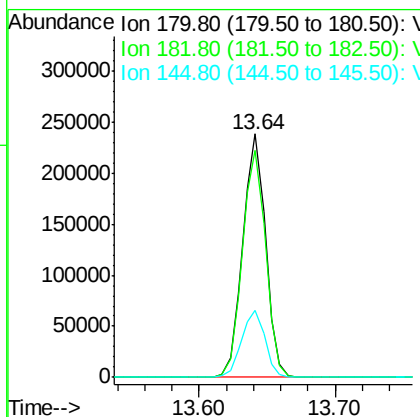
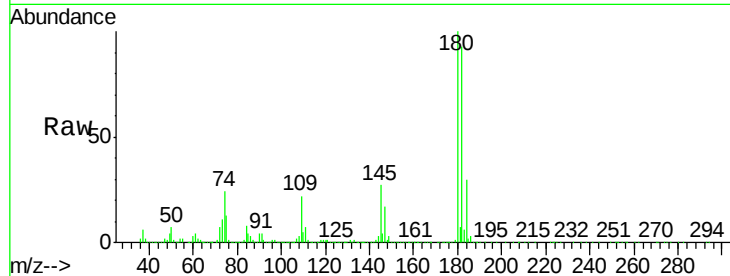
#93
 1,2,4-Trichlorobenzene
 Concen: 48.394 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	278908		
182	95.2	47.6	142.8	
145	28.2	14.1	42.2	

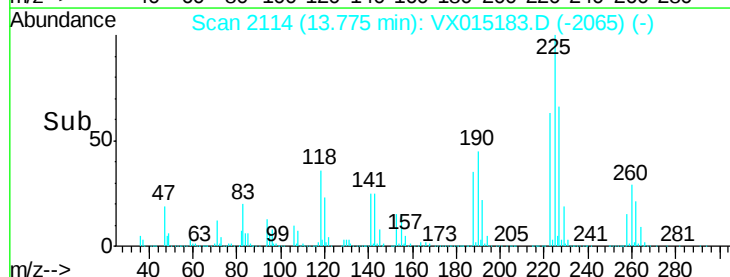
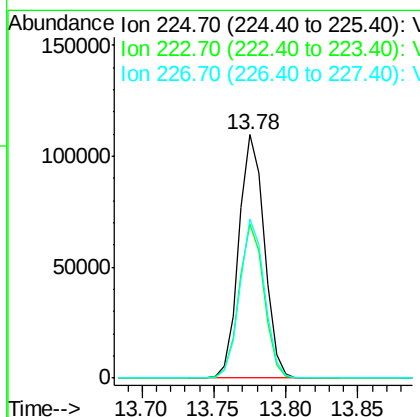
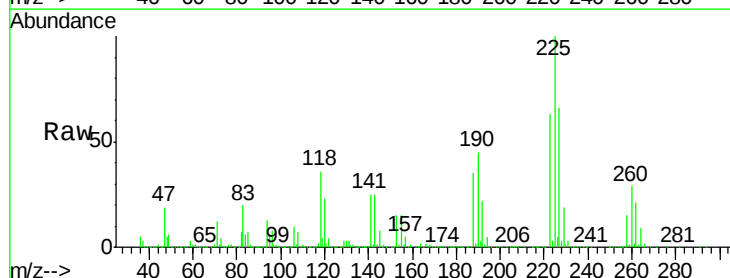
Manual Integrations
 APPROVED

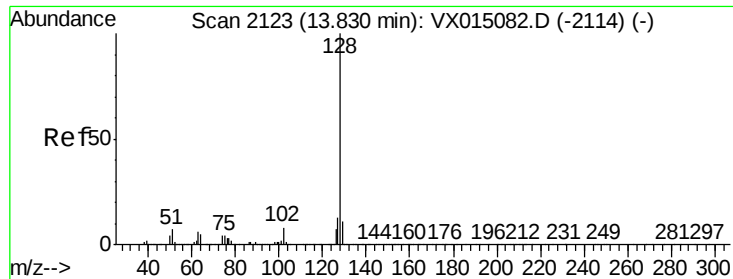
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#94
 Hexachlorobutadiene
 Concen: 45.601 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015183.D
 Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	134860		
223	62.0	31.3	93.9	
227	63.4	31.1	93.2	





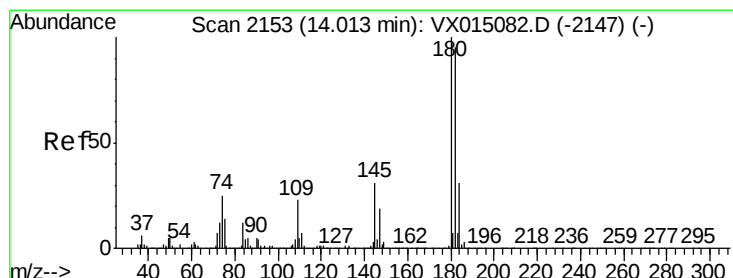
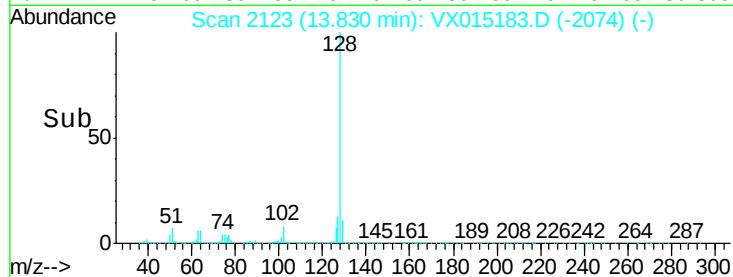
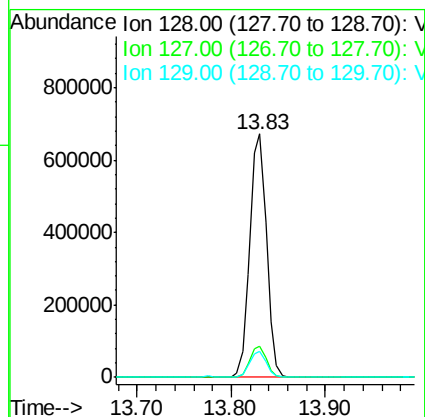
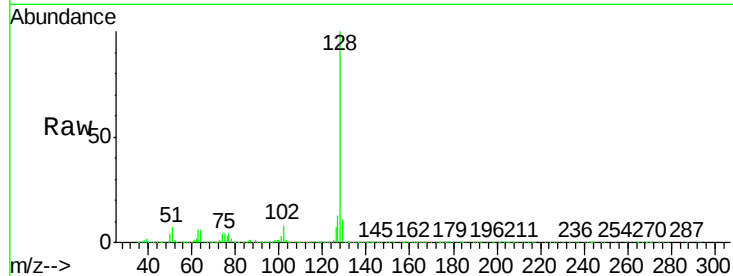
#95
Naphthalene
Concen: 47.531 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.7	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 48.597 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015183.D
Acq: 10 Mar 2020 19:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.8	143.4
145	30.6	15.1	45.3

