

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031020\
 Data File : VX015158.D
 Acq On : 10 Mar 2020 10:14
 Operator : JC/SP
 Sample : VX0310WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0310WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 3:21:24 PM

Quant Time: Mar 11 07:43:47 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	343826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	515218	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	478015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	248331	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	206946	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	5.48	113	171909	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
50) Toluene-d8	8.71	98	658800	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
62) 4-Bromofluorobenzene	11.13	95	233065	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	59016	19.602	ug/l	99
3) Chloromethane	1.32	50	80642	18.909	ug/l	99
4) Vinyl Chloride	1.41	62	84266	19.485	ug/l	99
5) Bromomethane	1.64	94	51481	19.363	ug/l	95
6) Chloroethane	1.72	64	52172	20.111	ug/l	95
7) Trichlorofluoromethane	1.93	101	103338	20.082	ug/l	95
8) Diethyl Ether	2.18	74	46892	20.119	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	65257	20.157	ug/l	97
10) Methyl Iodide	2.50	142	57241	15.650	ug/l	99
11) Tert butyl alcohol	3.03	59	70566	99.710	ug/l	98
12) 1,1-Dichloroethene	2.37	96	64006	19.156	ug/l	93
13) Acrolein	2.28	56	65343	98.248	ug/l	100
14) Allyl chloride	2.72	41	112991	19.395	ug/l	99
15) Acrylonitrile	3.13	53	177389	100.647	ug/l	98
16) Acetone	2.44	43	173982	105.320	ug/l	99
17) Carbon Disulfide	2.56	76	168061	18.112	ug/l	99
18) Methyl Acetate	2.76	43	81062	20.068	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	206531	19.781	ug/l	98
20) Methylene Chloride	2.85	84	73046	18.894	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	69274	19.417	ug/l	97
22) Diisopropyl ether	3.84	45	234084	20.167	ug/l	99
23) Vinyl Acetate	3.80	43	967164	101.367	ug/l	98
24) 1,1-Dichloroethane	3.69	63	125093	19.418	ug/l	99
25) 2-Butanone	4.66	43	248897	102.916	ug/l	98
26) 2,2-Dichloropropane	4.57	77	97800	19.124	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	76434	19.097	ug/l	98
28) Bromochloromethane	5.00	49	58075	19.797	ug/l	96
29) Tetrahydrofuran	5.12	42	151819	97.385	ug/l	98
30) Chloroform	5.20	83	126516	20.150	ug/l	99
31) Cyclohexane	5.57	56	109774	19.104	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	104136	20.008	ug/l	97
36) 1,1-Dichloropropene	5.79	75	92521	19.425	ug/l	98
37) Ethyl Acetate	4.82	43	94154	21.311	ug/l	97
38) Carbon Tetrachloride	5.77	117	87512	19.465	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	111081	19.973	ug/l	99
40) Benzene	6.14	78	283388	20.054	ug/l	98
41) Methacrylonitrile	5.03	41	52903	19.935	ug/l	96
42) 1,2-Dichloroethane	6.18	62	102210	21.062	ug/l	98
43) Isopropyl Acetate	6.43	43	156247	20.103	ug/l	99
44) Trichloroethene	7.20	130	78747	20.010	ug/l	95
45) 1,2-Dichloropropane	7.50	63	74718	20.428	ug/l	100
46) Dibromomethane	7.65	93	48303	20.267	ug/l	97
47) Bromodichloromethane	7.89	83	95891	20.346	ug/l	99
48) Methyl methacrylate	7.76	41	75392	19.058	ug/l	98
49) 1,4-Dioxane	7.74	88	33085	386.822	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	482704	105.039	ug/l	100
52) Toluene	8.78	92	176643	20.444	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	102356	20.404	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	115509	20.368	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	72230	20.310	ug/l	99
56) Ethyl methacrylate	9.17	69	103774	20.458	ug/l	99
57) 1,3-Dichloropropane	9.37	76	122452	20.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	271713	98.325	ug/l	100
59) 2-Hexanone	9.48	43	360430	105.819	ug/l	100
60) Dibromochloromethane	9.57	129	74620	19.975	ug/l	99
61) 1,2-Dibromoethane	9.67	107	74526	19.952	ug/l	100
64) Tetrachloroethene	9.33	164	79442	20.100	ug/l	97
65) Chlorobenzene	10.14	112	190845	19.886	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	71559	19.775	ug/l	98
67) Ethyl Benzene	10.25	91	334204	20.508	ug/l	100
68) m/p-Xylenes	10.35	106	255287	41.174	ug/l	99
69) o-Xylene	10.70	106	122050	20.560	ug/l	100
70) Styrene	10.71	104	206677	20.305	ug/l	100
71) Bromoform	10.85	173	55823	19.893	ug/l #	100
73) Isopropylbenzene	11.01	105	329550	20.774	ug/l	100
74) N-amyl acetate	10.89	43	130603	19.535	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	107212	20.279	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	87398m	17.644	ug/l	
77) Bromobenzene	11.25	156	87584	19.811	ug/l	98
78) n-propylbenzene	11.35	91	377941	20.854	ug/l	99
79) 2-Chlorotoluene	11.42	91	223979	20.694	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	276573	20.943	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	31173	17.860	ug/l	89
82) 4-Chlorotoluene	11.51	91	260982	20.410	ug/l	100
83) tert-Butylbenzene	11.76	119	258699	20.260	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	275501	20.767	ug/l	99
85) sec-Butylbenzene	11.94	105	321126	20.833	ug/l	100
86) p-Isopropyltoluene	12.06	119	295987	20.842	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	155377	19.992	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	153101	19.081	ug/l	99
89) n-Butylbenzene	12.38	91	255629	20.238	ug/l	100
90) Hexachloroethane	12.59	117	51249	19.088	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	150563	19.486	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	20880	19.723	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBS01

Manual Integrations
APPROVED

MMDadoda
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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)
93) 1,2,4-Trichlorobenzene	13.64	180	105857	19.737	ug/l	99
94) Hexachlorobutadiene	13.78	225	52880	19.213	ug/l	99
95) Naphthalene	13.83	128	293261	18.754	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	106359	19.875	ug/l	98

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

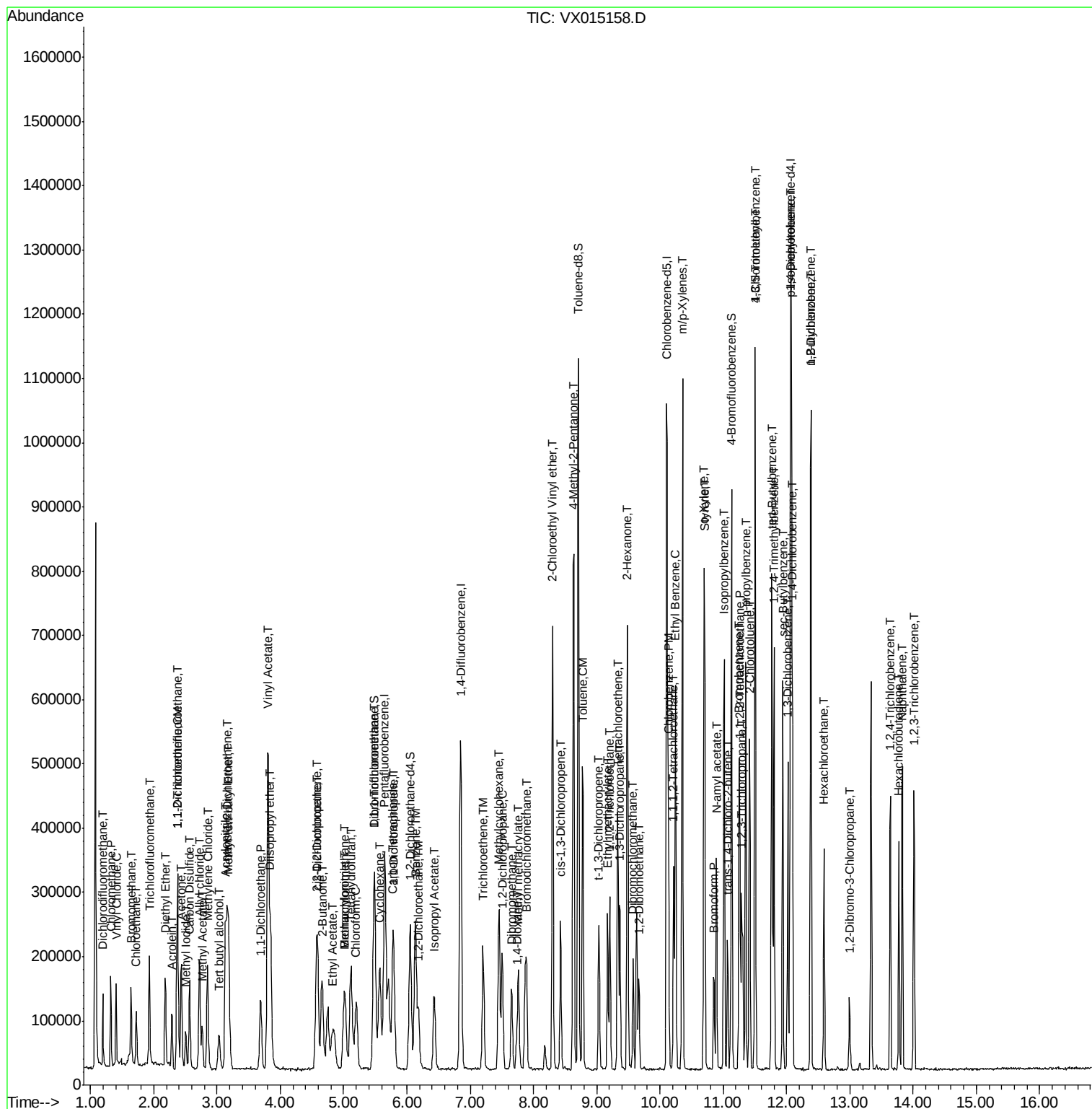
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Data File : VX015158.D
Acq On : 10 Mar 2020 10:14
Operator : JC/SP
Sample : VX0310WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

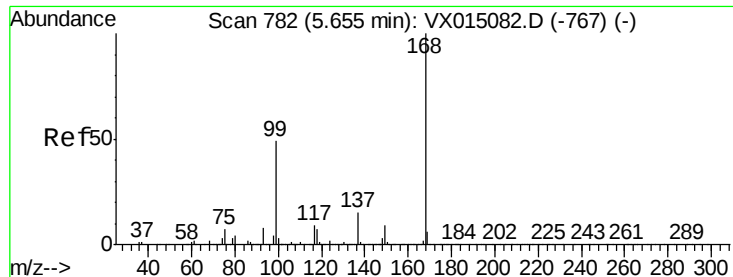
Instrument :
MSVOA_X
ClientSampled :
VX0310WBS01

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

ClientSampled :

VX0310WBS01

Tot Ion:168 Resp: 343826

Ion Ratio Lower Upper

168 100

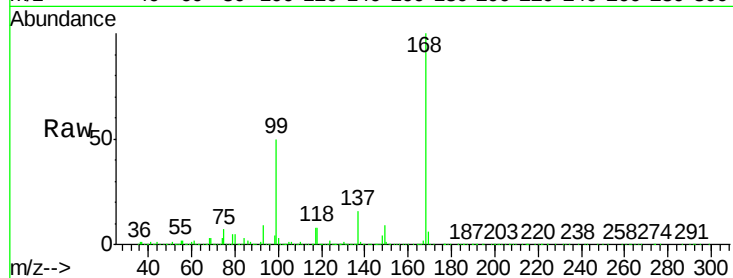
99 50.1 39.4 59.2

Manual Integrations

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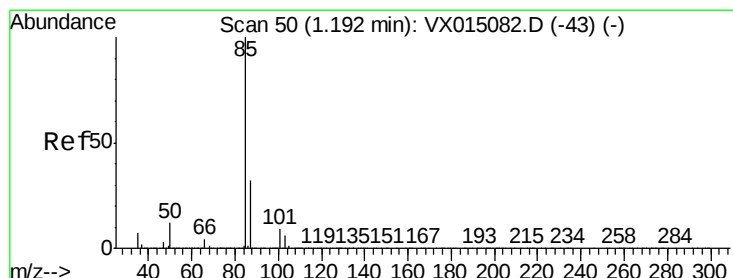
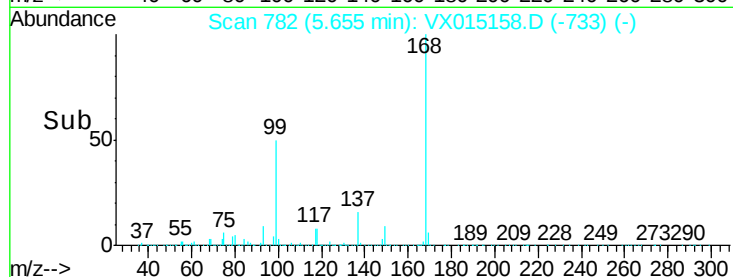
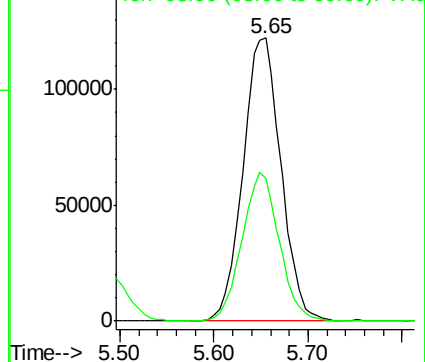
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.602 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015158.D

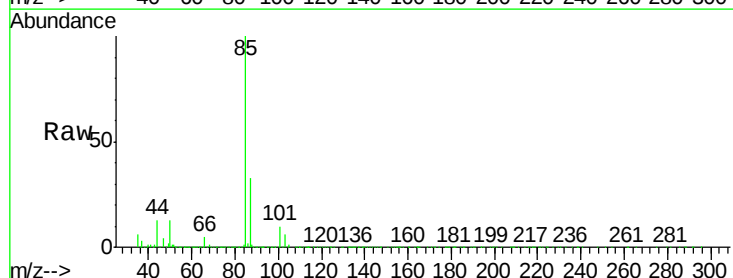
Acq: 10 Mar 2020 10:14

Tgt Ion: 85 Resp: 59016

Ion Ratio Lower Upper

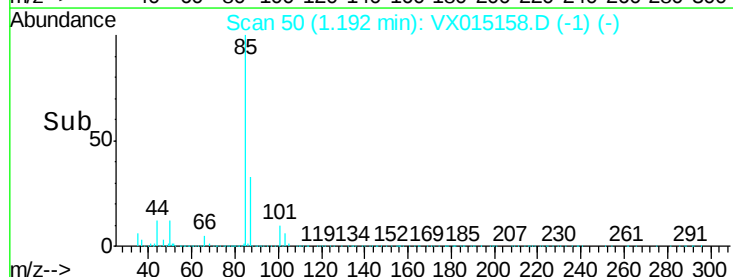
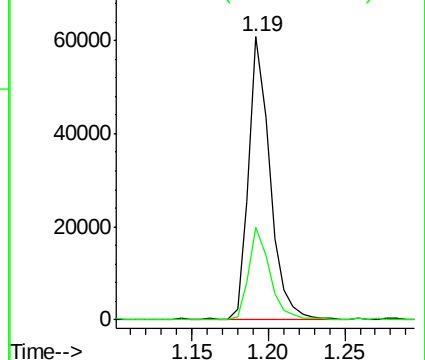
85 100

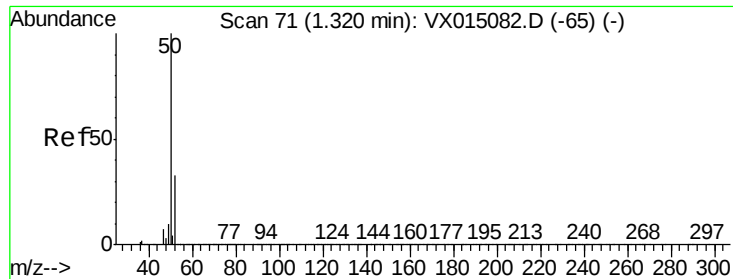
87 32.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.909 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

VX0310WBS01

Tot Ion: 50 Resp: 80642

Ion Ratio Lower Upper

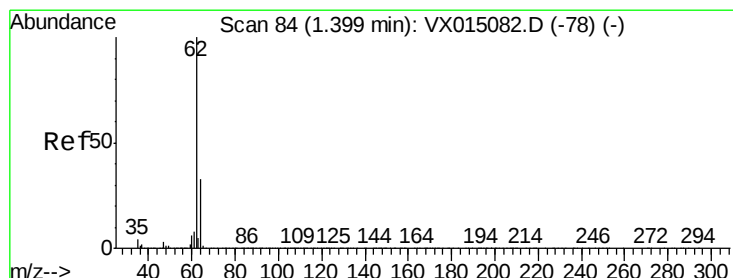
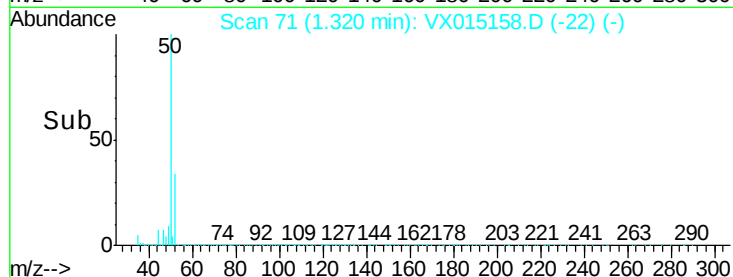
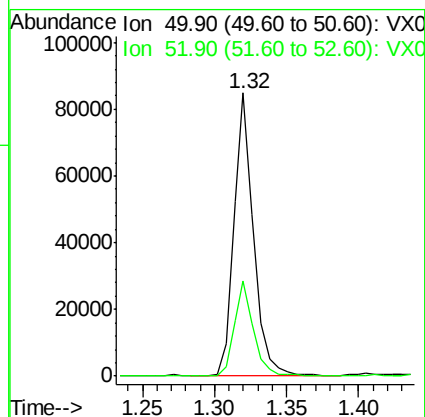
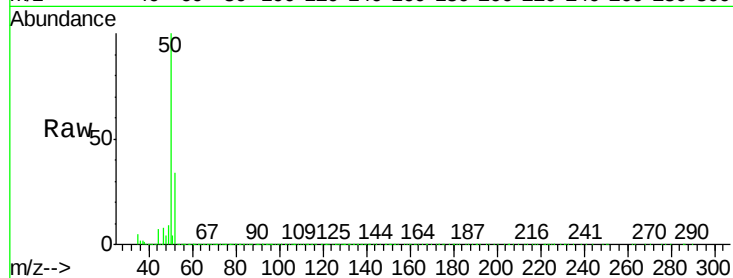
50 100

52 33.3 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.485 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX015158.D

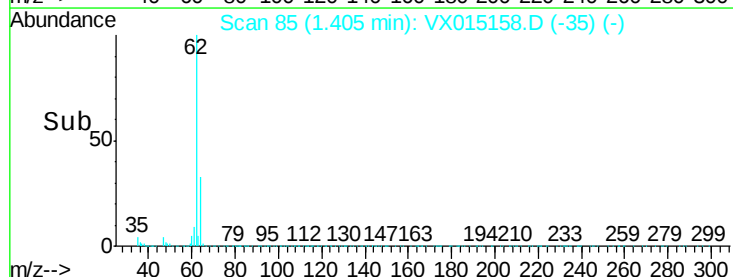
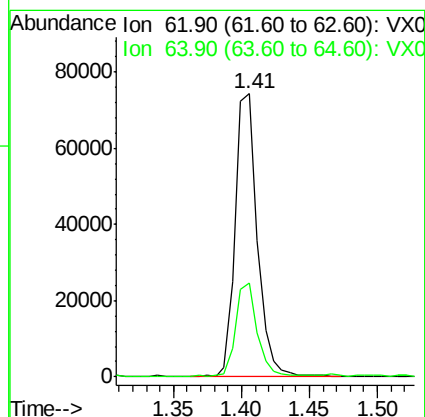
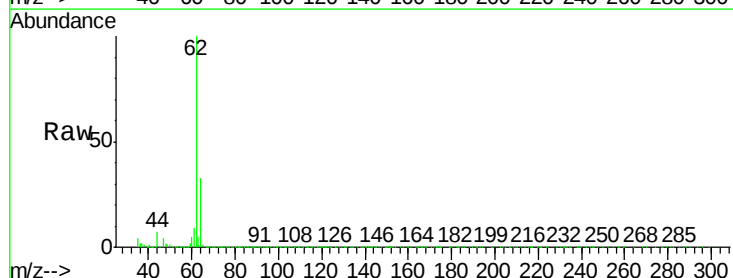
Acq: 10 Mar 2020 10:14

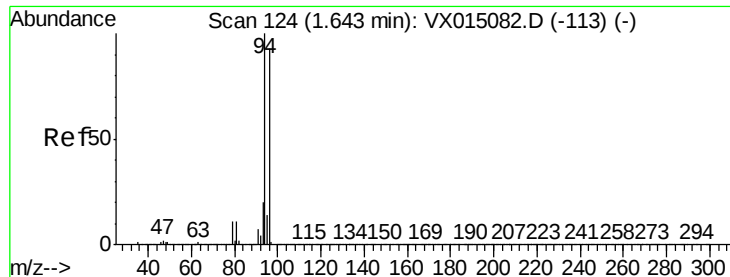
Tgt Ion: 62 Resp: 84266

Ion Ratio Lower Upper

62 100

64 33.0 26.1 39.1





#5

Bromomethane

Concen: 19.363 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

VX0310WBS01

Tot Ion: 94 Resp: 51481

Ion Ratio Lower Upper

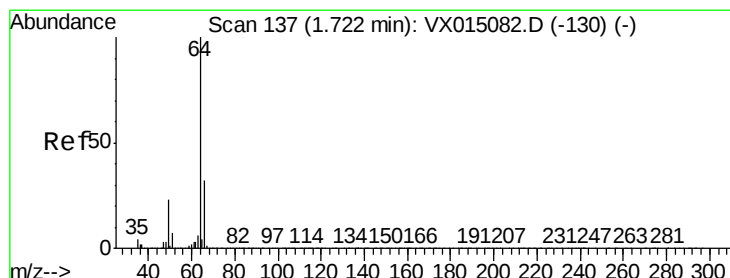
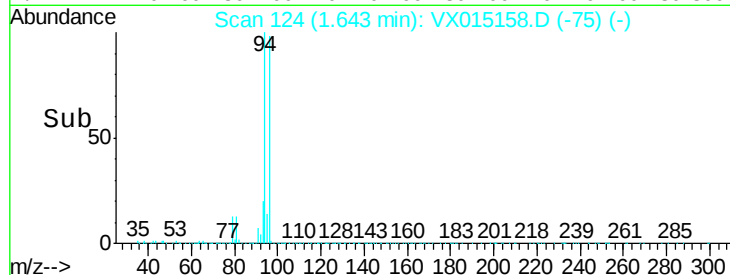
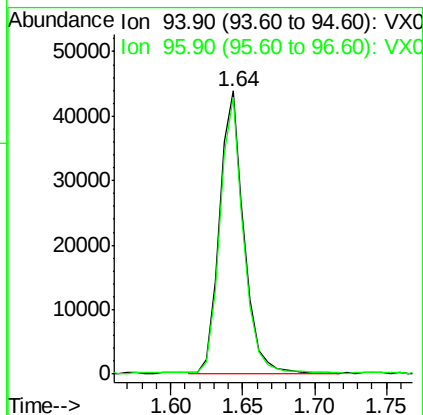
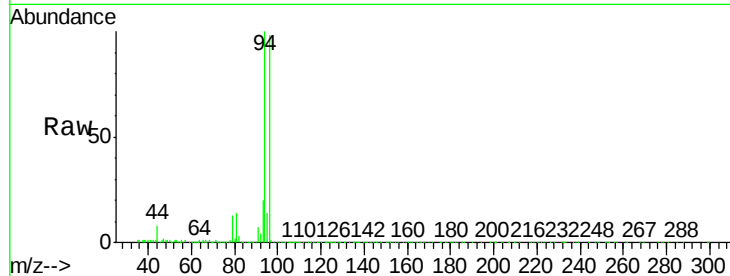
94 100

96 97.9 74.6 111.8

Manual Integrations
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#6

Chloroethane

Concen: 20.111 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015158.D

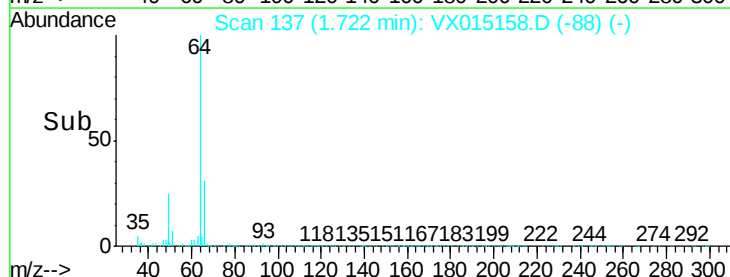
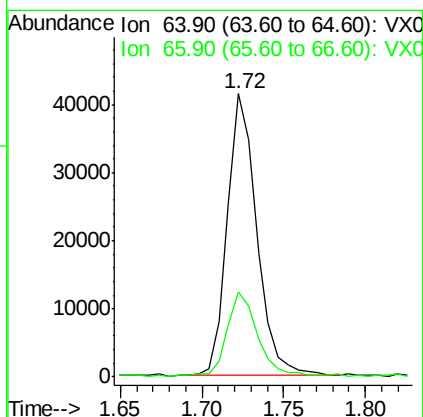
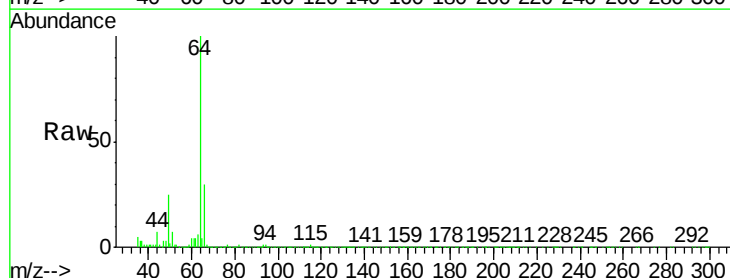
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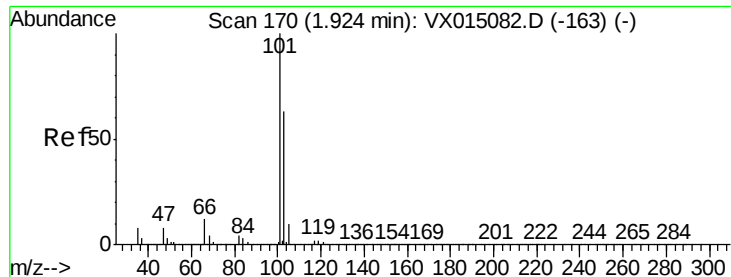
Tgt Ion: 64 Resp: 52172

Ion Ratio Lower Upper

64 100

66 29.6 25.8 38.8





#7

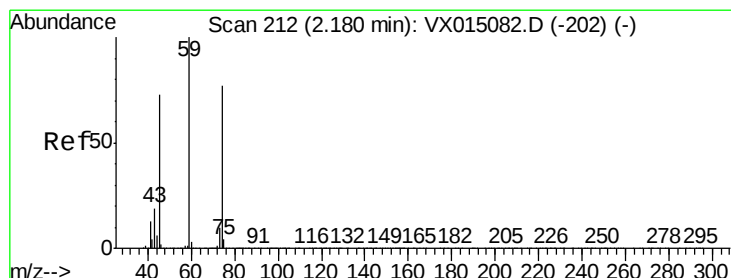
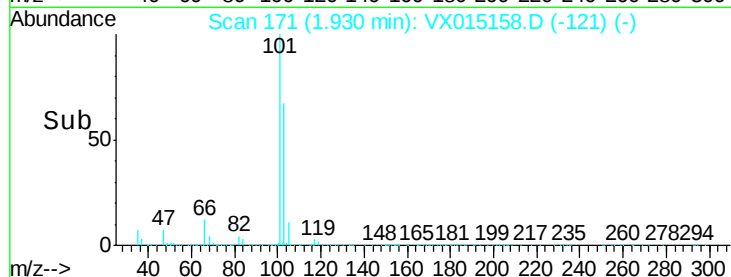
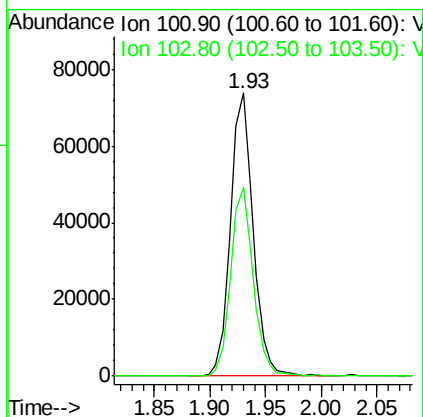
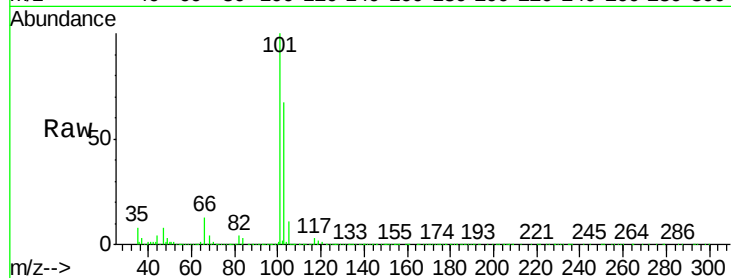
Trichlorofluoromethane
Concen: 20.082 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
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ClientSampleId :
VX0310WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.7	50.4	75.6

Manual Integrations
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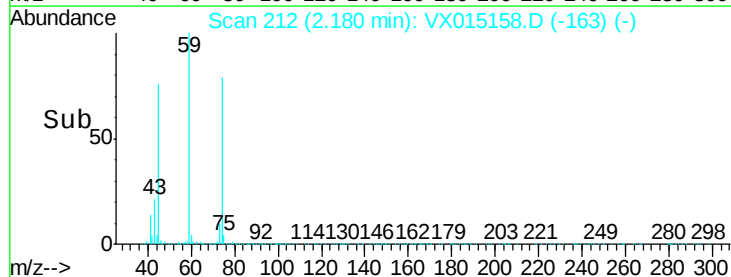
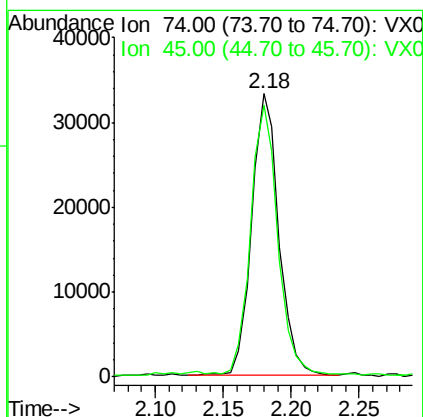
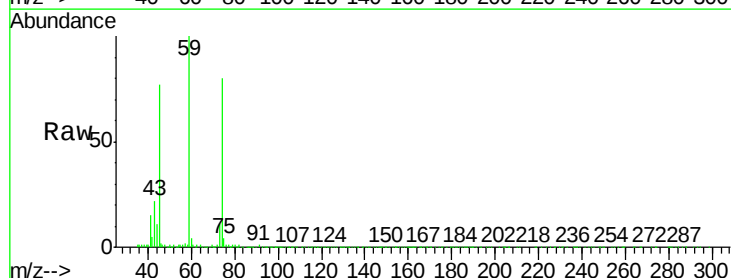
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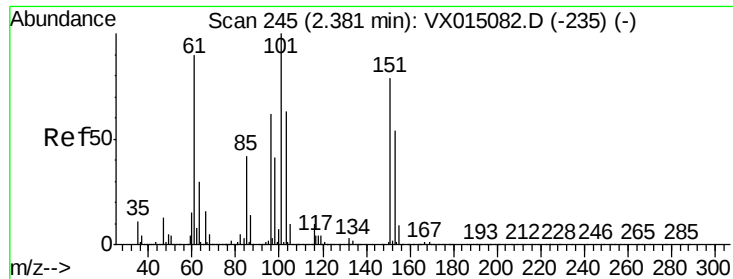


#8

Diethyl Ether
Concen: 20.119 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.3	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.157 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

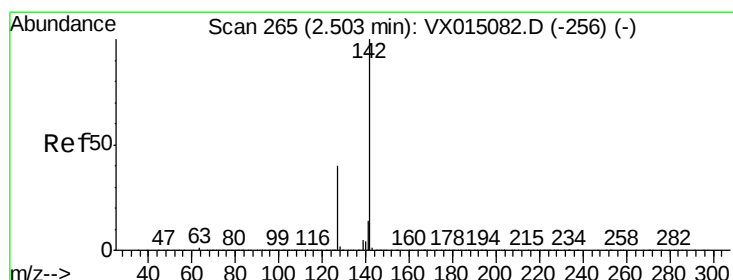
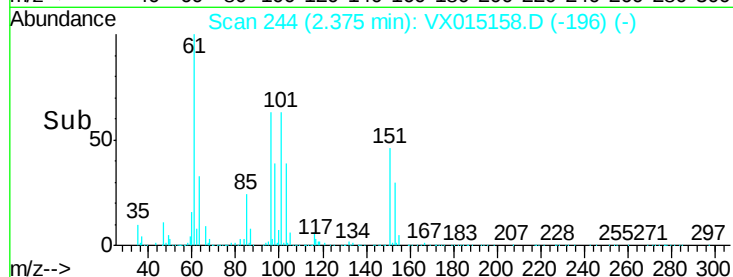
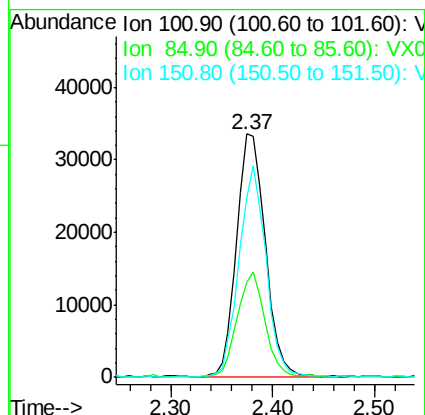
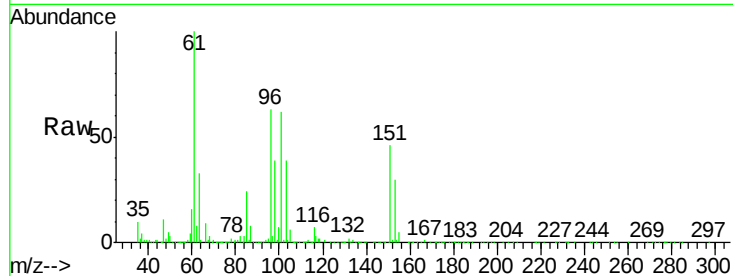
ClientSampleId :

VX0310WBS01

Tot Ion:	101	Resp:	65257
Ion Ratio	Lower	Upper	
101	100		
85	41.1	33.7	50.5
151	82.8	64.0	96.0

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#10

Methyl Iodide

Concen: 15.650 ug/l

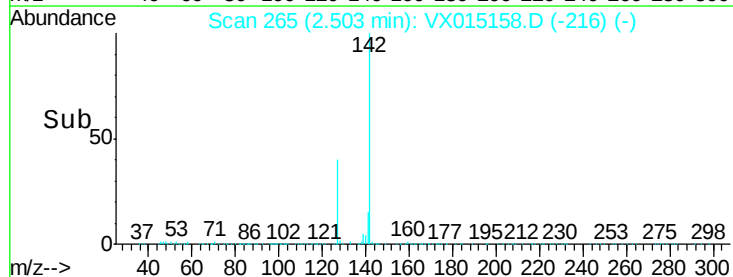
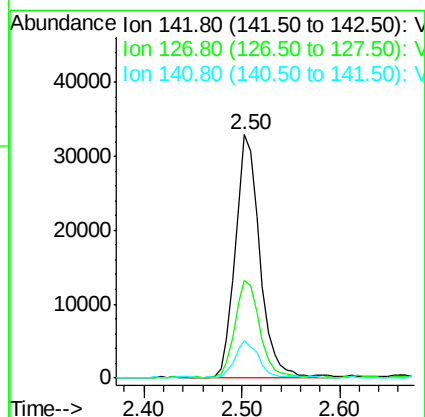
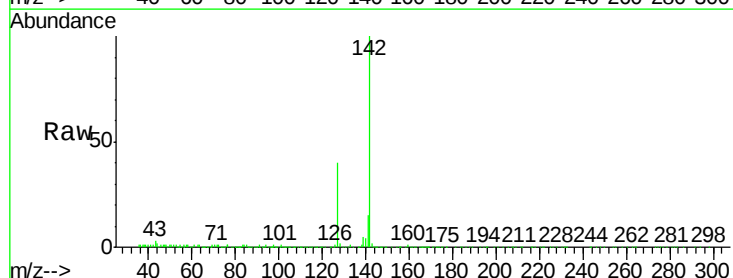
RT: 2.50 min Scan# 265

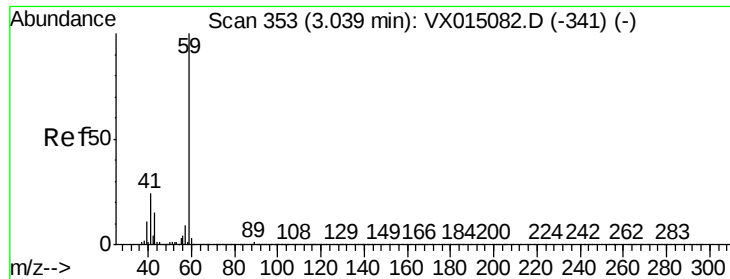
Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Tgt Ion:	142	Resp:	57241
Ion Ratio	Lower	Upper	
142	100		
127	40.6	31.7	47.5
141	14.4	11.3	16.9





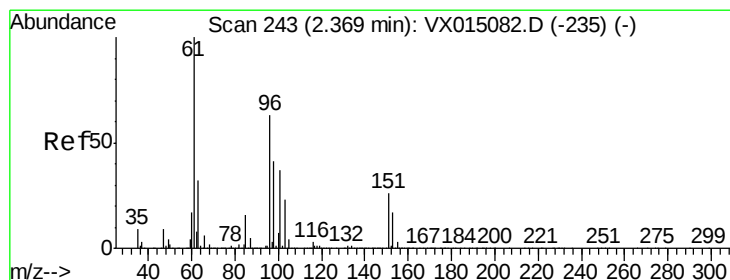
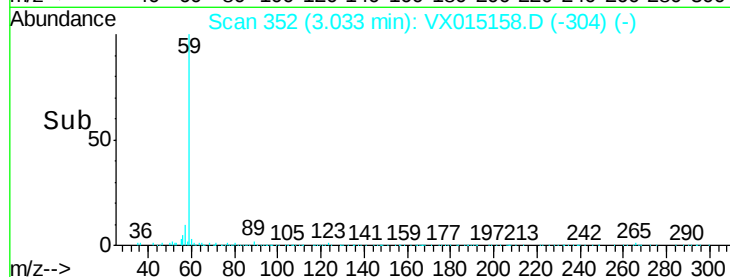
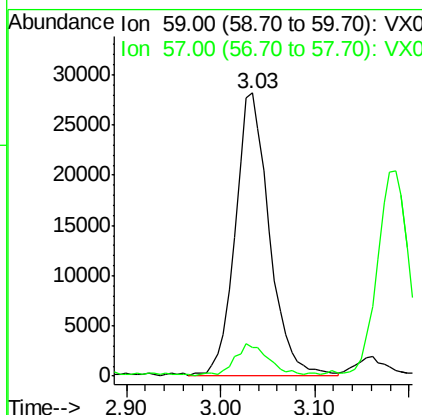
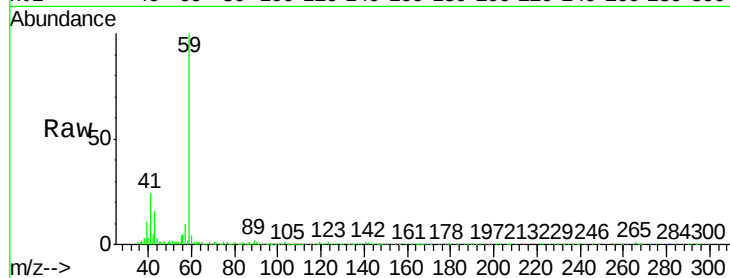
#11
Tert butyl alcohol
Concen: 99.710 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.2	12.4

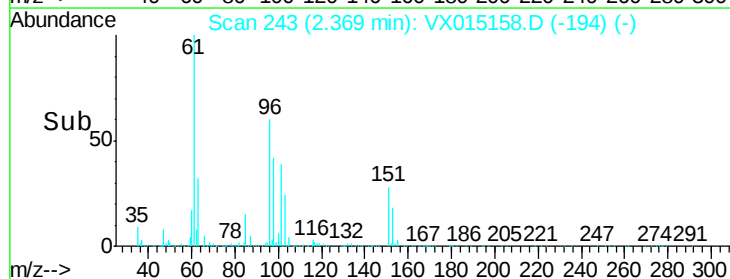
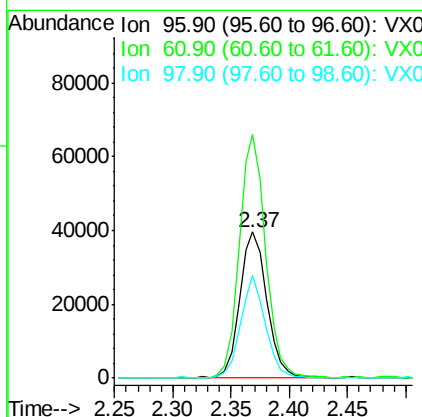
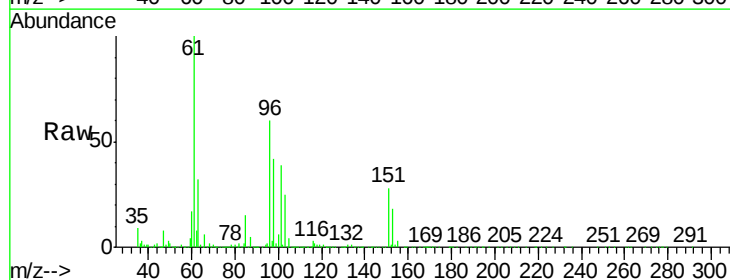
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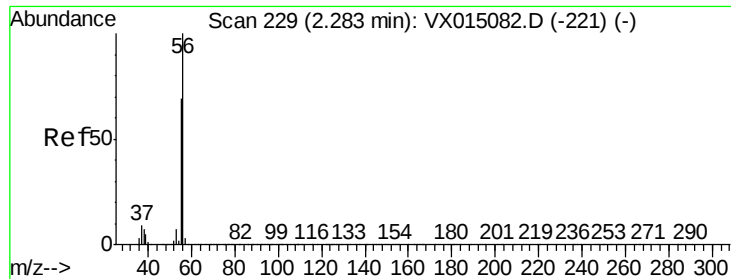
MMDadoda
3/11/2020 3:21:24 PM



#12
1,1-Dichloroethene
Concen: 19.156 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.7	126.2	189.4
98	70.2	51.4	77.0





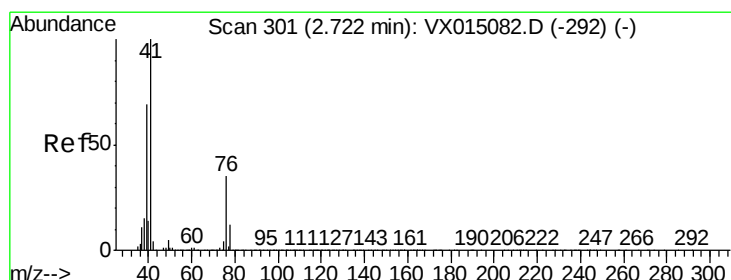
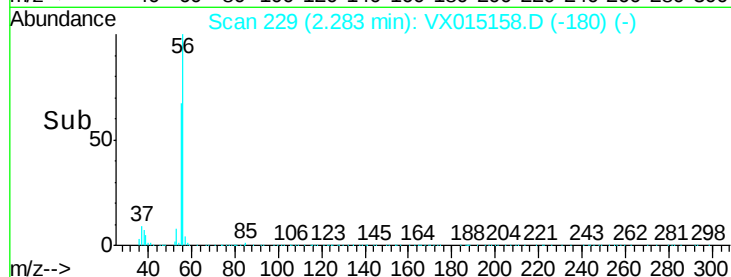
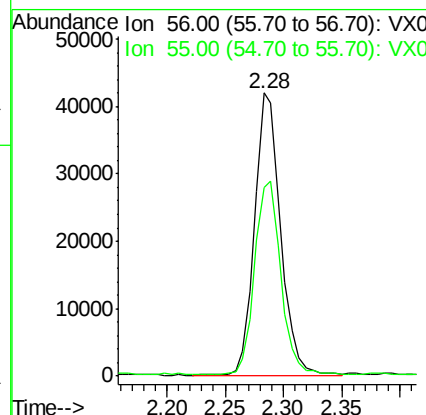
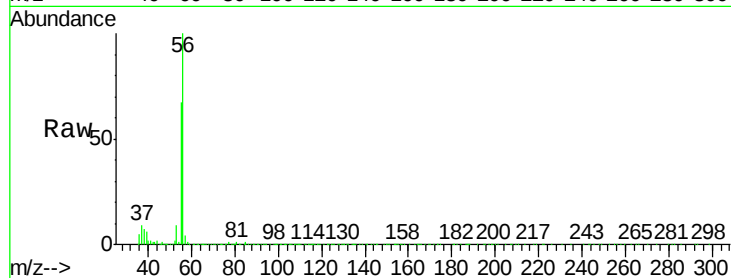
#13
Acrolein
Concen: 98.248 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.9	55.4	83.0

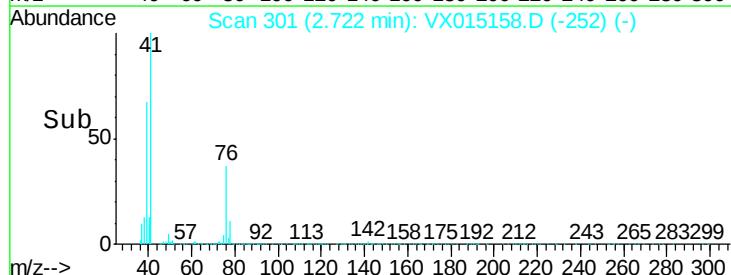
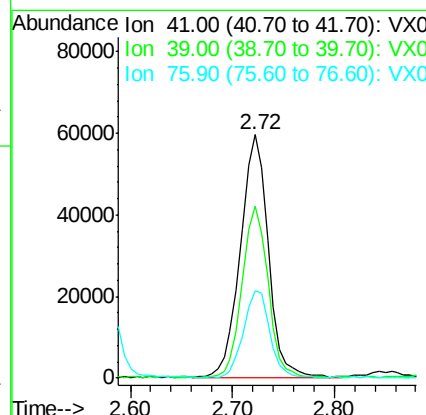
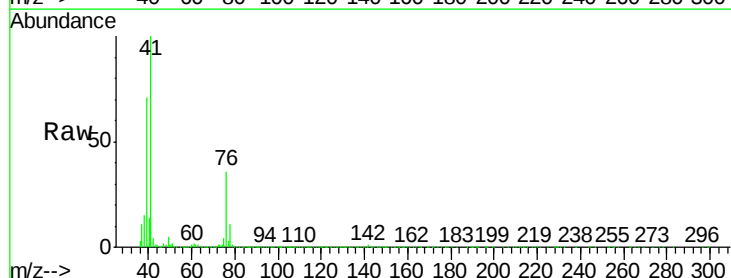
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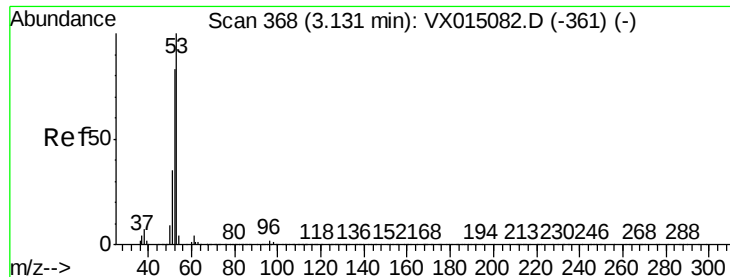
MMDadoda
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#14
Allyl chloride
Concen: 19.395 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.6	52.9	79.3
76	33.7	26.8	40.2





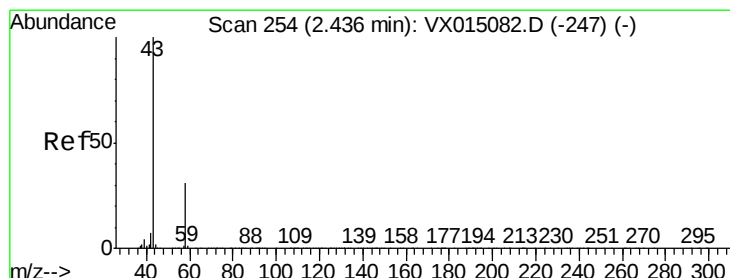
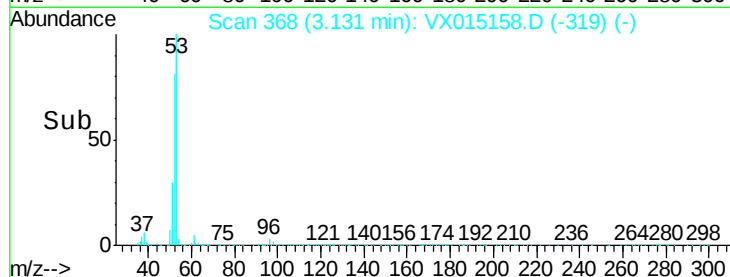
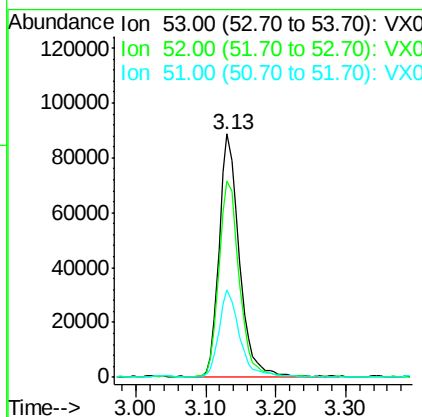
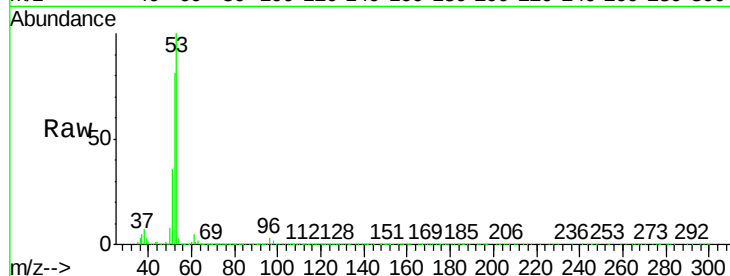
#15
 Acrylonitrile
 Concen: 100.647 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0310WBS01

Tot Ion:	53	Resp:	177389
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.6	100.0
51	36.5	29.0	43.6

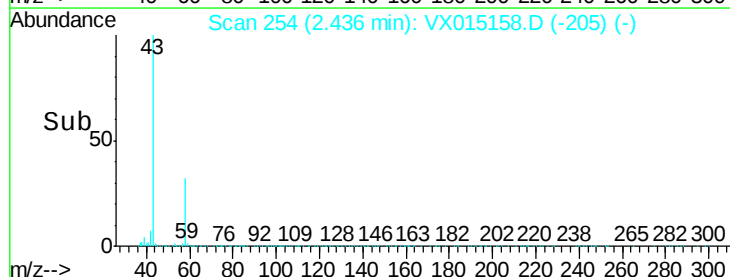
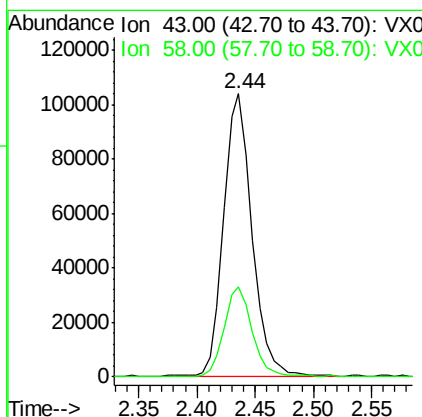
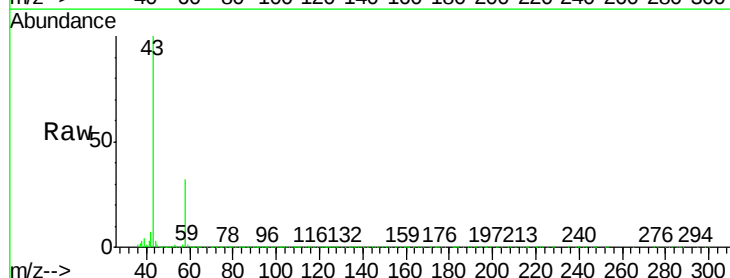
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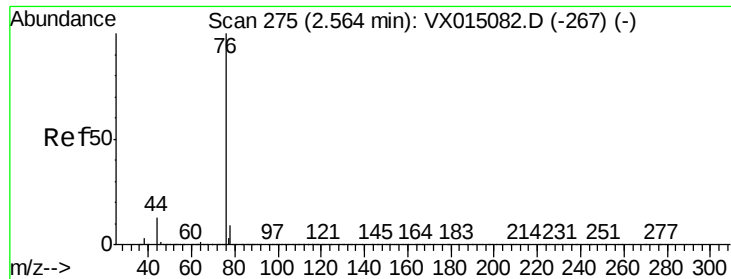
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#16
 Acetone
 Concen: 105.320 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Tgt Ion:	43	Resp:	173982
Ion	Ratio	Lower	Upper
43	100		
58	31.7	24.8	37.2





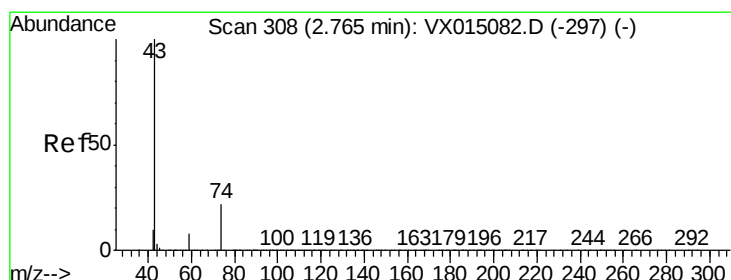
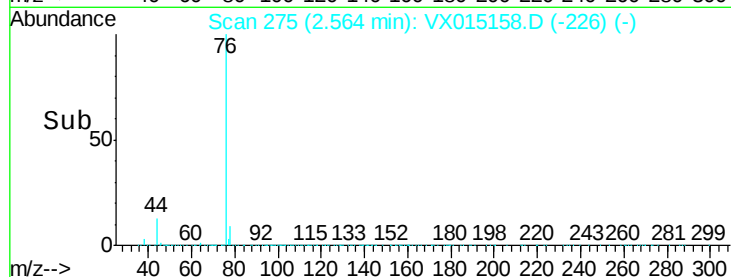
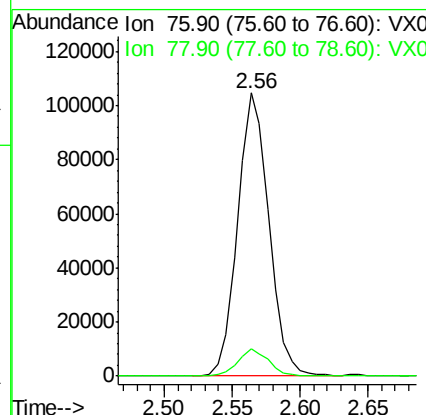
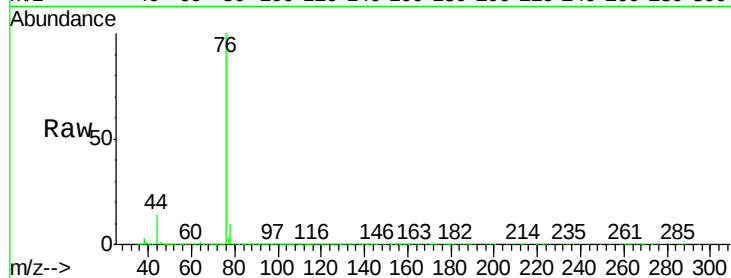
#17
Carbon Disulfide
Concen: 18.112 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

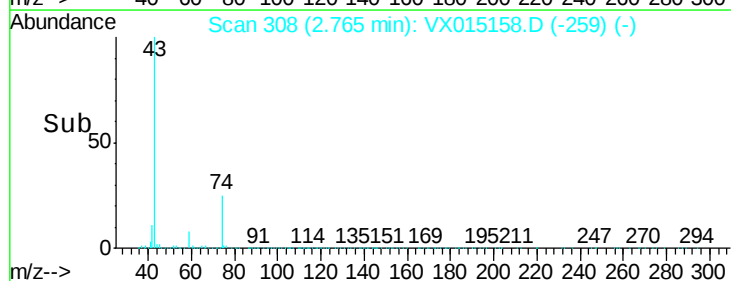
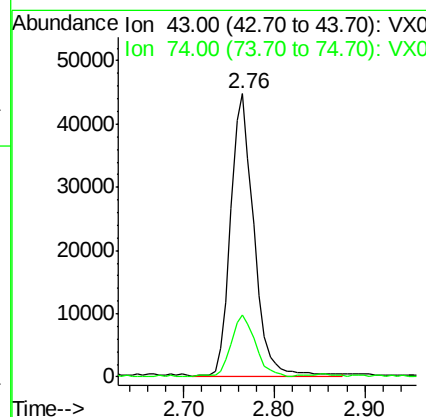
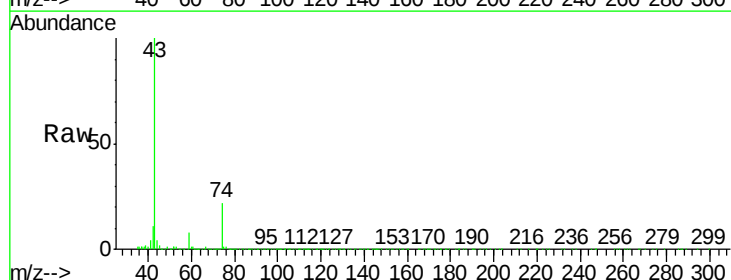
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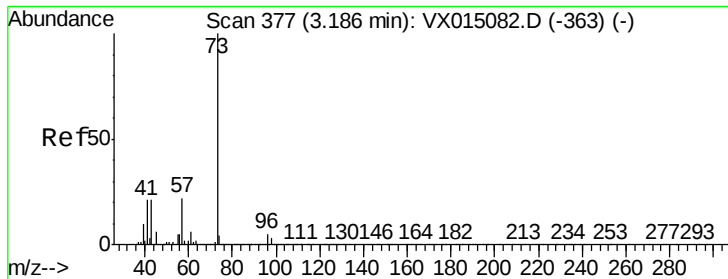
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#18
Methyl Acetate
Concen: 20.068 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	18.8	28.2





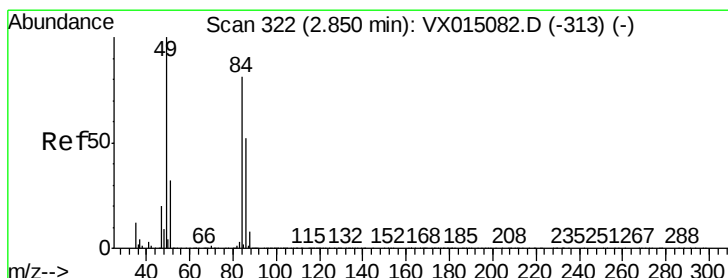
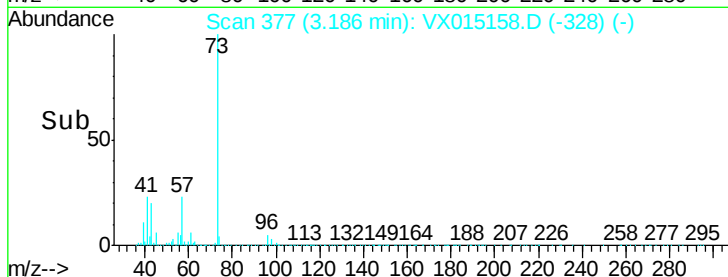
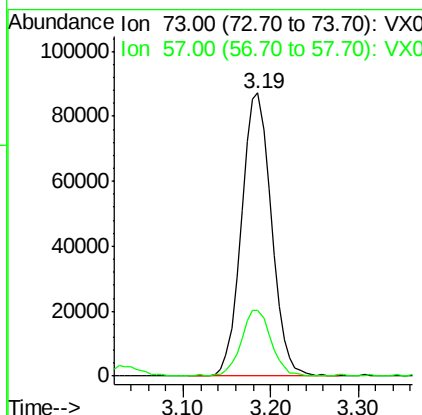
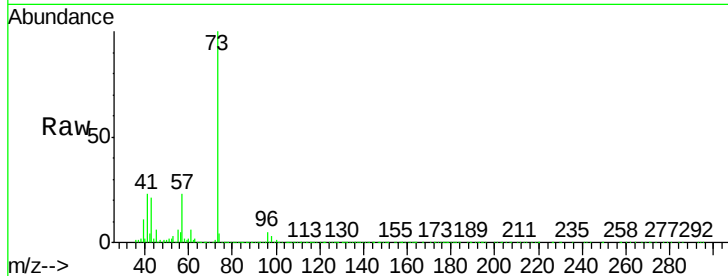
#19
Methvl tert-butvl Ether
Concen: 19.781 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.2	17.8	26.6

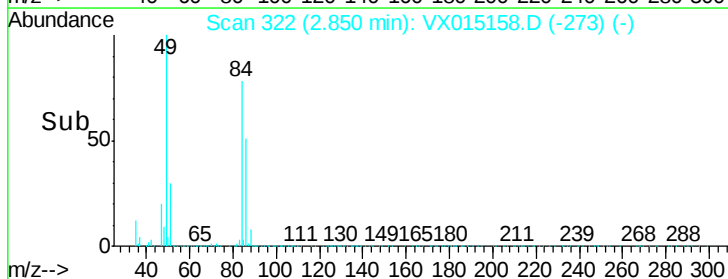
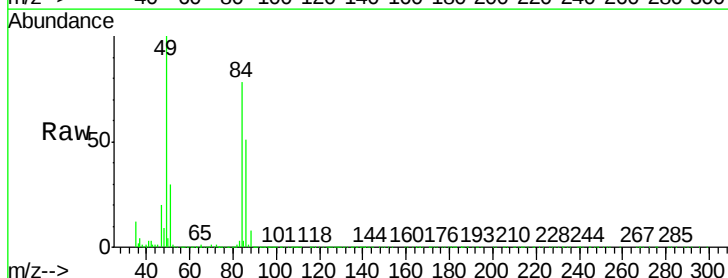
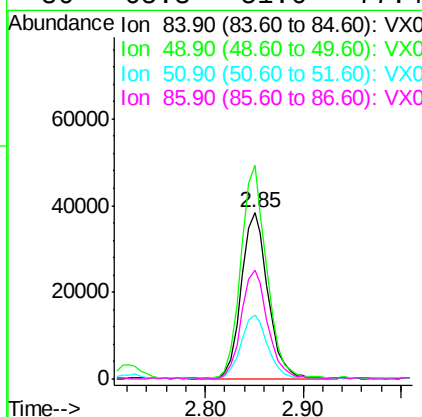
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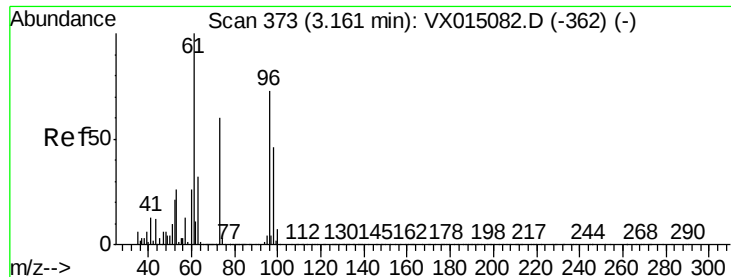
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#20
Methylene Chloride
Concen: 18.894 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.7	99.4	149.2
51	38.5	31.5	47.3
86	65.3	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 19.417 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

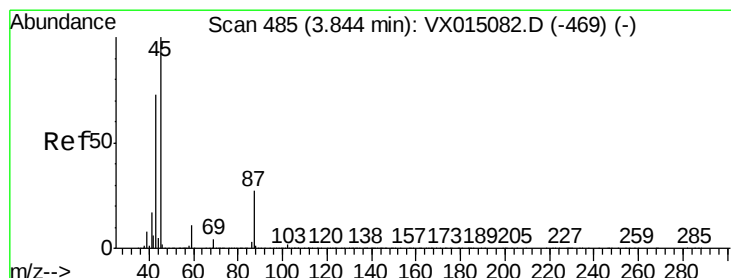
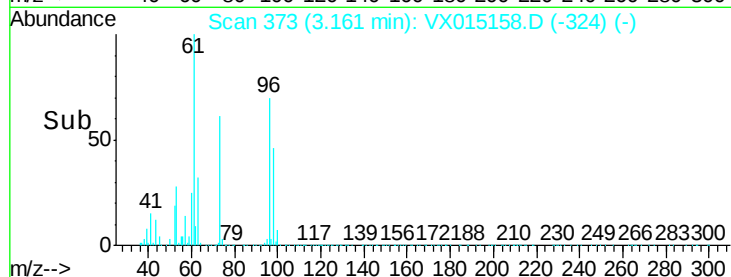
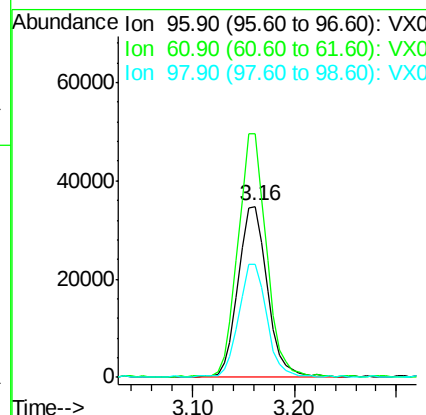
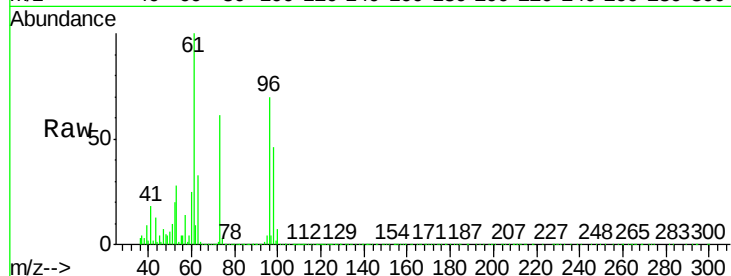
ClientSampleId :

VX0310WBS01

Tot Ion:	96	Resp:	69274
Ion	Ratio	Lower	Upper
96	100		
61	141.5	109.9	164.9
98	65.5	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.167 ug/l

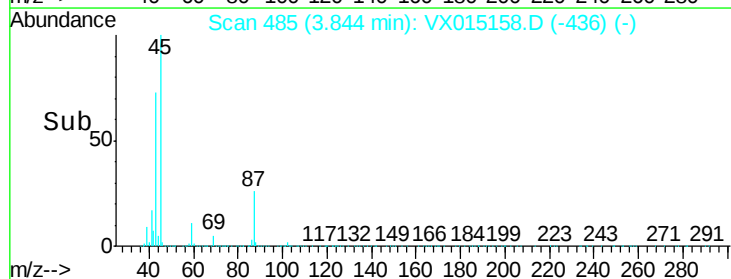
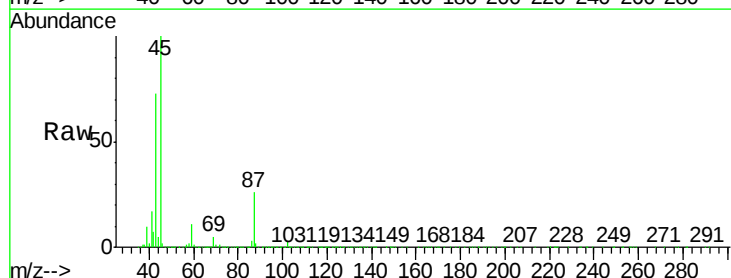
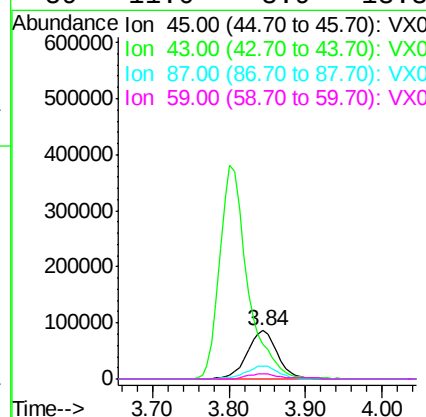
RT: 3.84 min Scan# 485

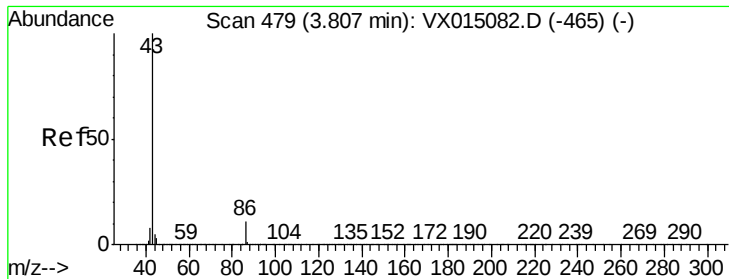
Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Tgt Ion:	45	Resp:	234084
Ion	Ratio	Lower	Upper
45	100		
43	72.4	58.2	87.2
87	25.5	21.2	31.8
59	11.0	8.9	13.3





#23

Vinyl Acetate

Concen: 101.367 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

VX0310WBS01

Tot Ion: 43 Resp: 967164

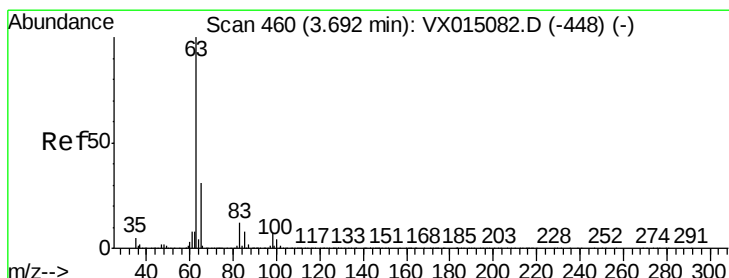
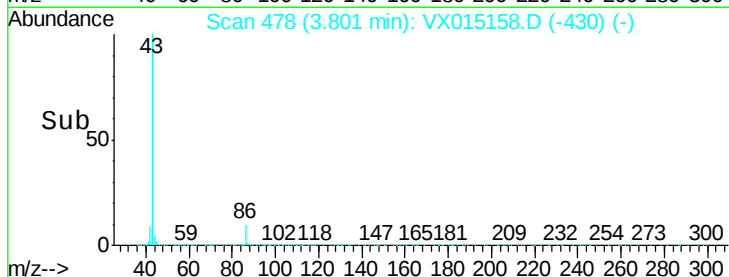
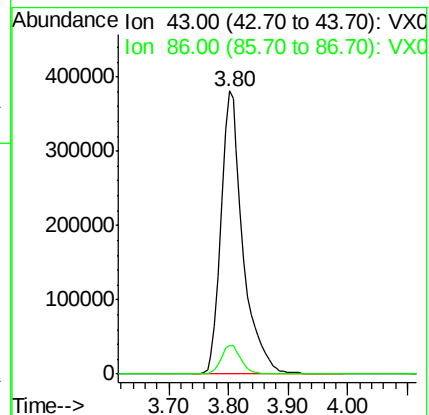
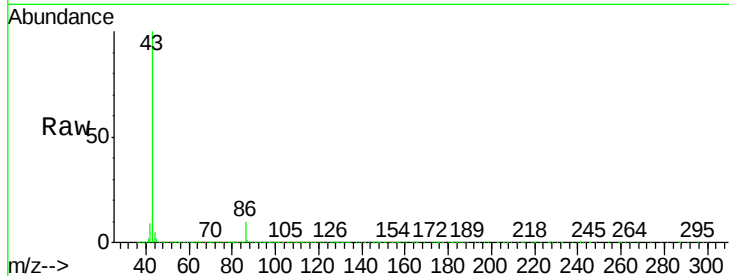
Ion Ratio Lower Upper

43 100

86 10.1 8.6 12.8

Manual Integrations
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3/11/2020 3:21:24 PM



#24

1,1-Dichloroethane

Concen: 19.418 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

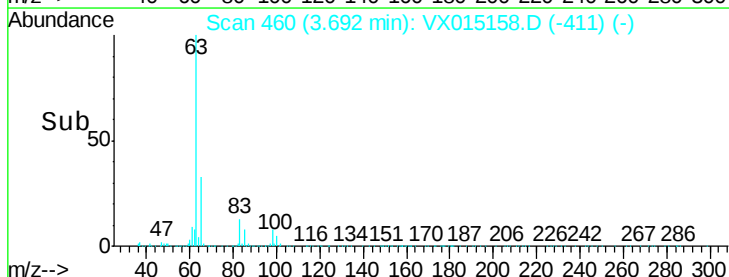
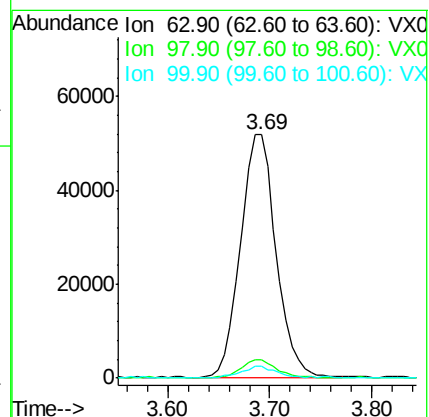
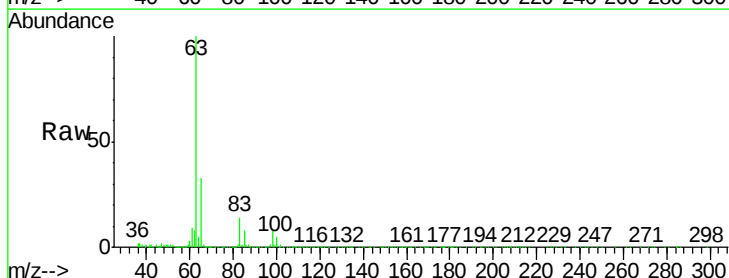
Tgt Ion: 63 Resp: 125093

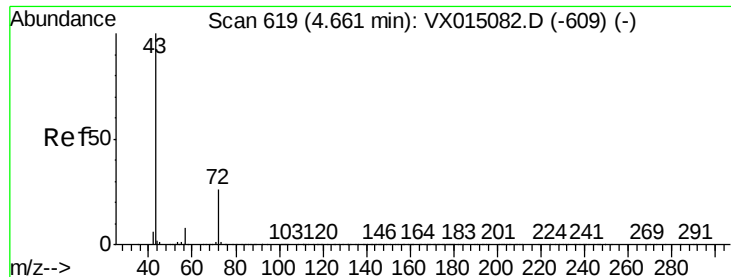
Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 4.9 2.1 6.5





#25

2-Butanone

Concen: 102.916 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Tot Ion: 43 Resp: 248897

Ion Ratio Lower Upper

43 100

72 24.8 20.6 30.8

Instrument :

MSVOA_X

ClientSampleId :

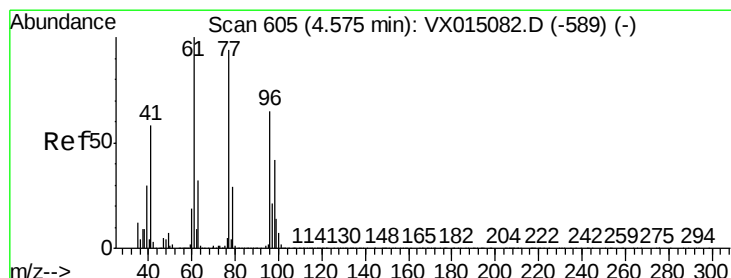
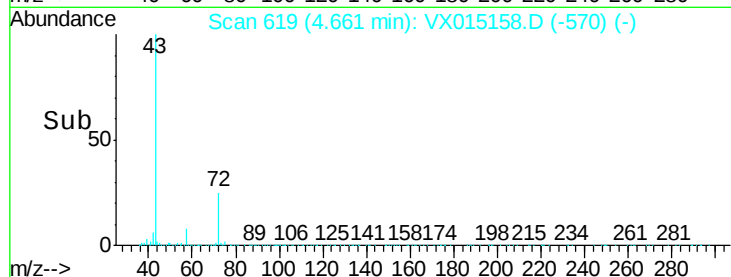
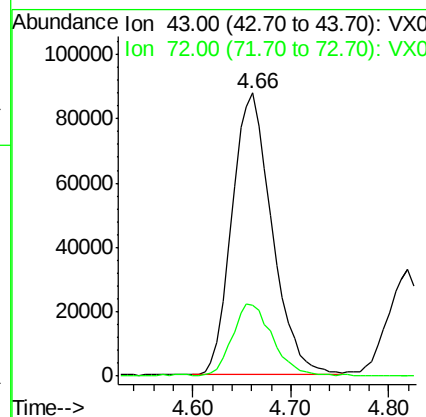
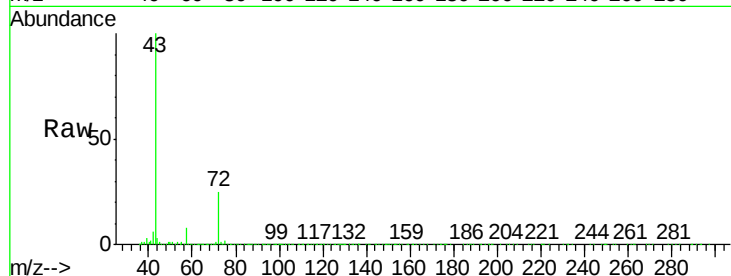
VX0310WBS01

Manual Integrations

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3/11/2020 3:21:24 PM



#26

2,2-Dichloropropane

Concen: 19.124 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015158.D

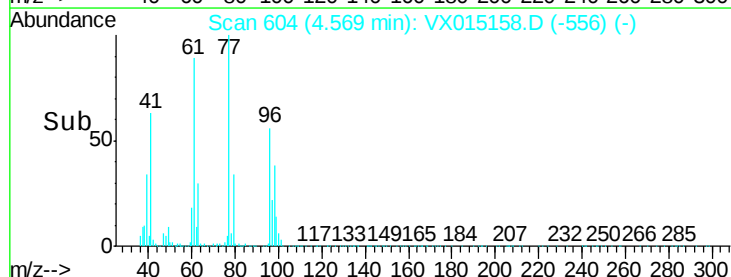
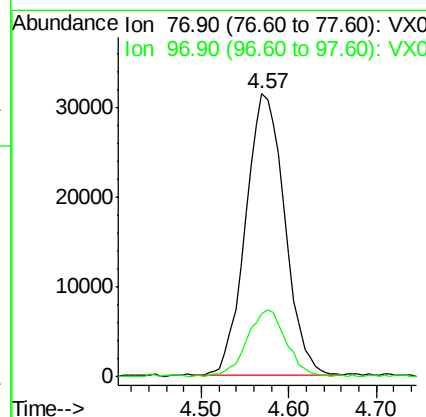
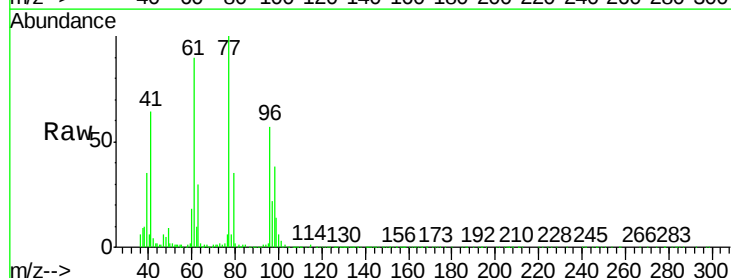
Acq: 10 Mar 2020 10:14

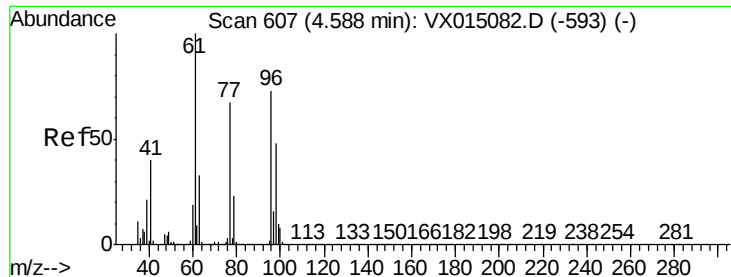
Tgt Ion: 77 Resp: 97800

Ion Ratio Lower Upper

77 100

97 24.1 11.8 35.4





#27

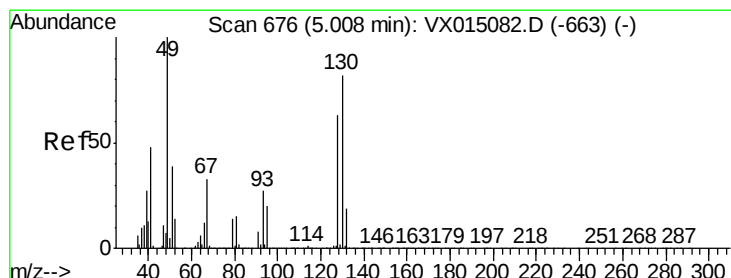
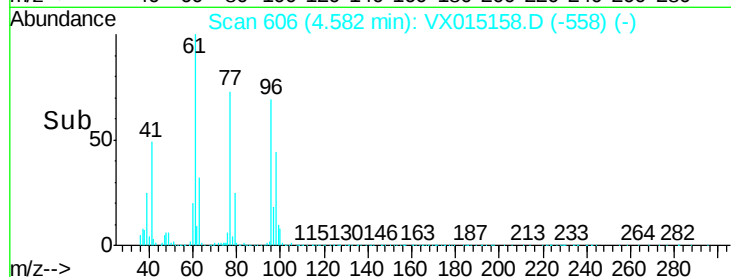
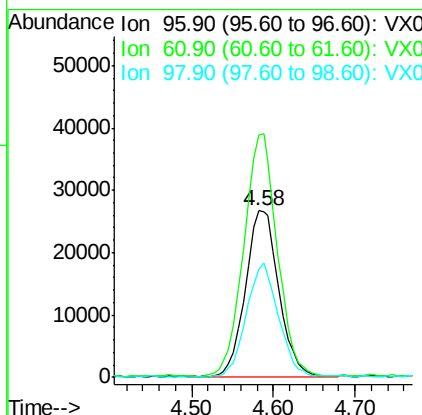
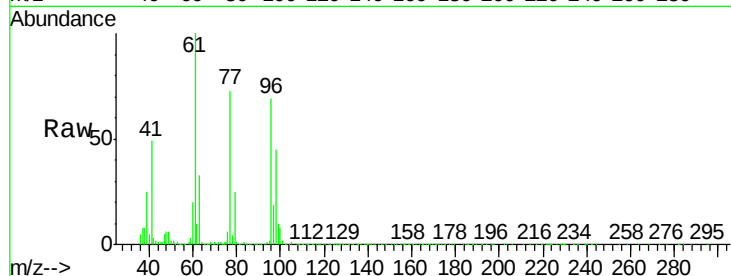
cis-1,2-Dichloroethene
Concen: 19.097 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.8	0.0	286.8
98	64.7	0.0	128.4

Manual Integrations
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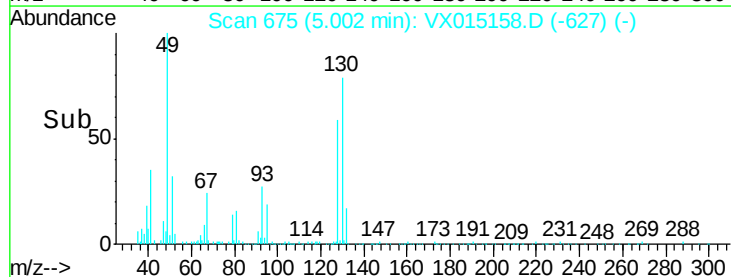
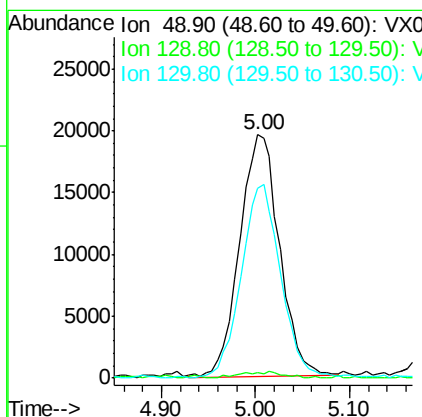
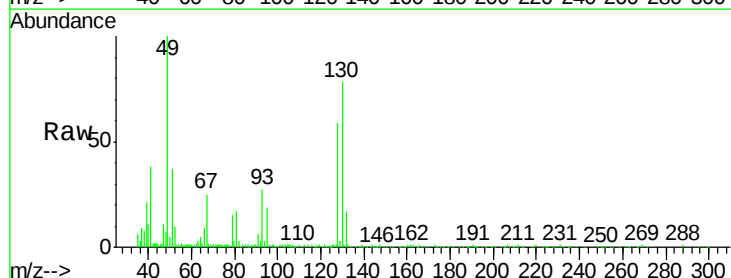
MMDadoda
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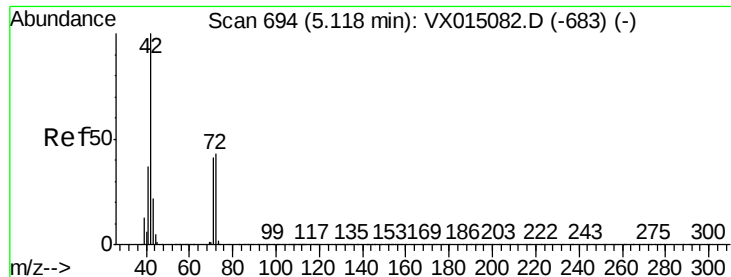


#28

Bromochloromethane
Concen: 19.797 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.4
130	78.0	65.0	97.6





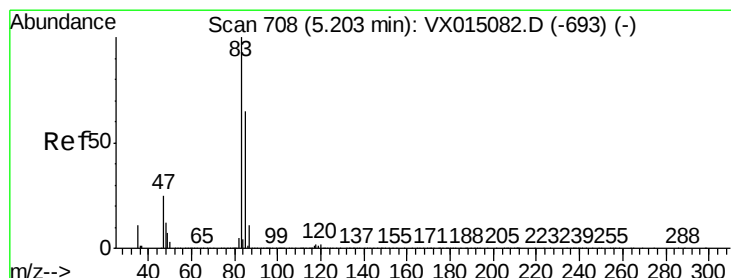
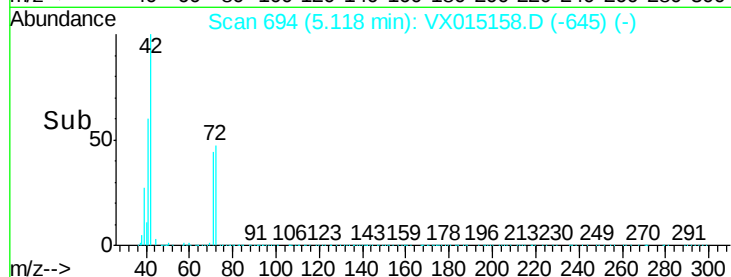
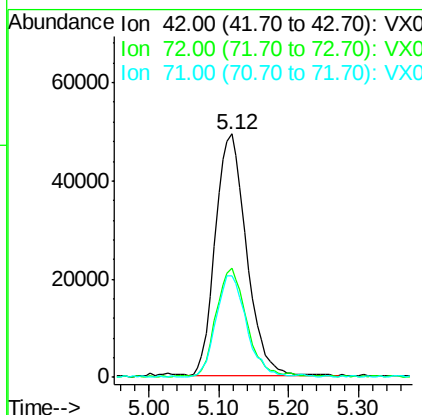
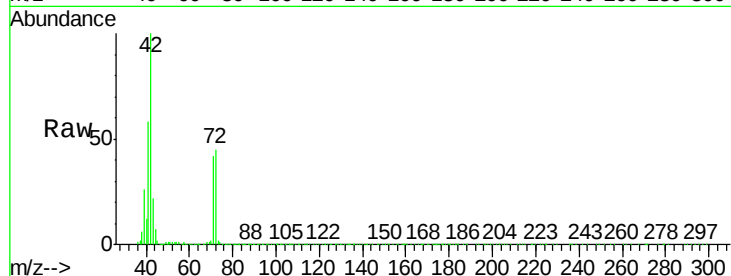
#29
Tetrahydrofuran
Concen: 97.385 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	36.4	54.6
71	41.3	33.3	49.9

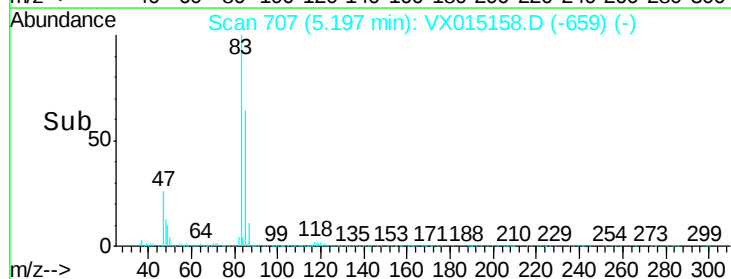
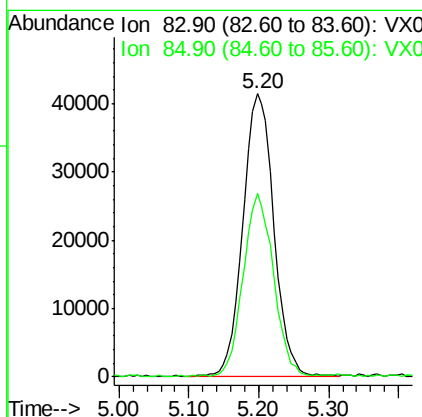
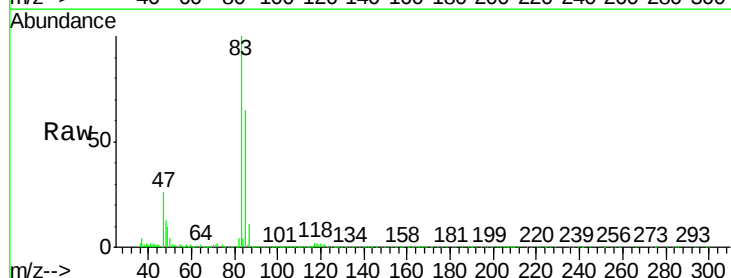
Manual Integrations
APPROVED

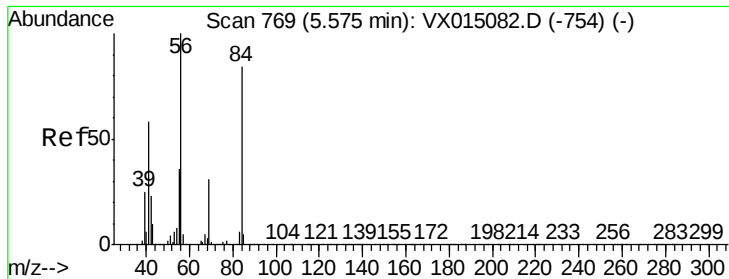
MMDadoda
3/11/2020 3:21:24 PM



#30
Chloroform
Concen: 20.150 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.0	78.0





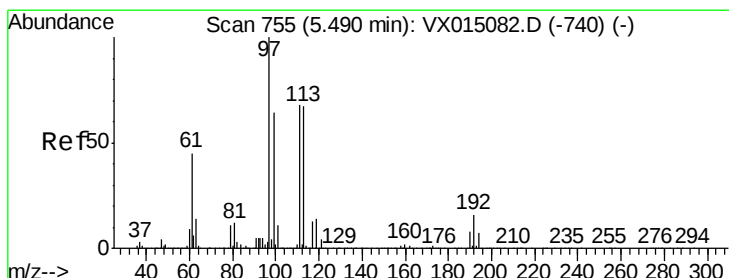
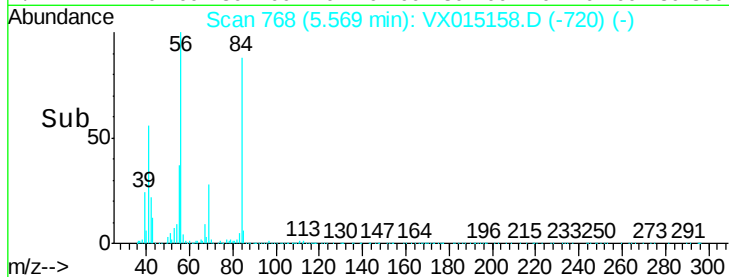
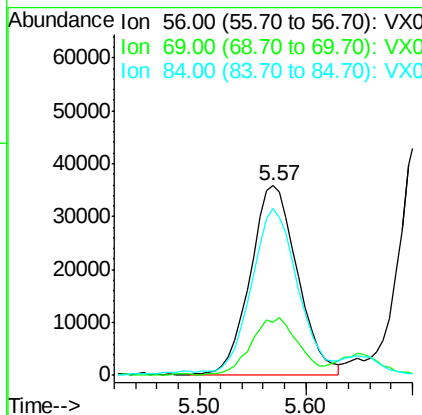
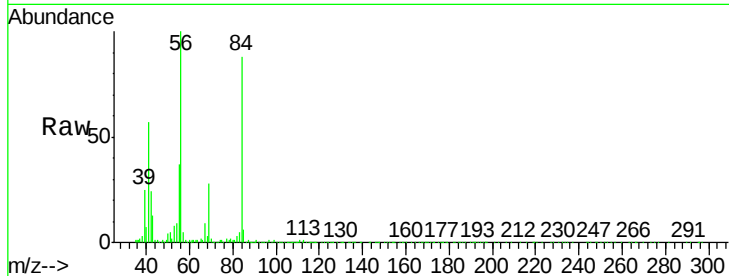
#31
Cyclohexane
Concen: 19.104 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	27.2	25.0	37.6	
84	86.1	67.6	101.4	

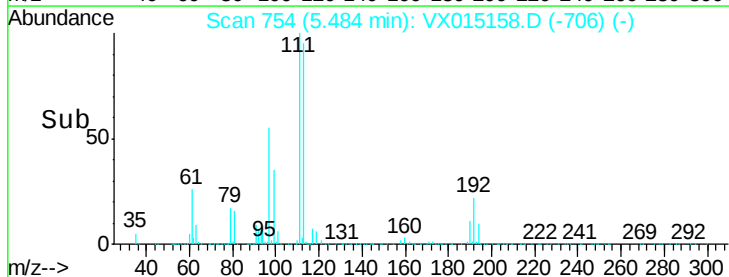
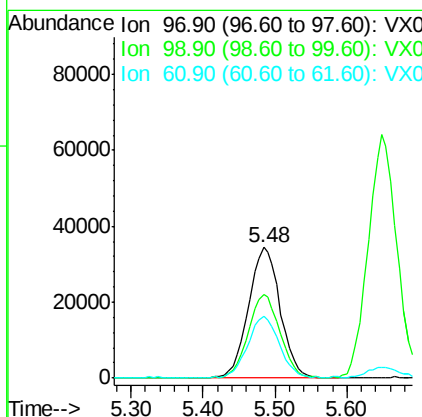
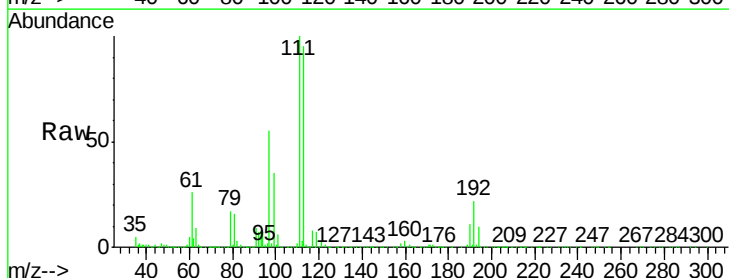
Manual Integrations
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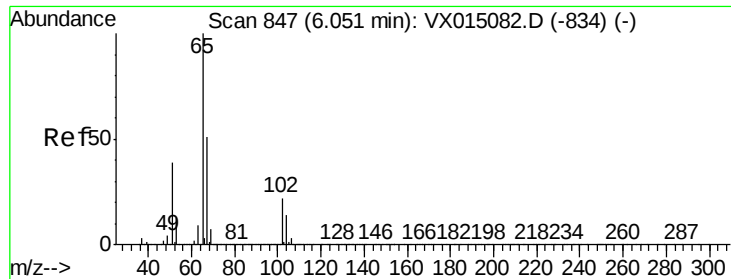
MMDadoda
3/11/2020 3:21:24 PM



#32
1,1,1-Trichloroethane
Concen: 20.008 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.8	52.8	79.2	
61	48.6	36.6	54.8	





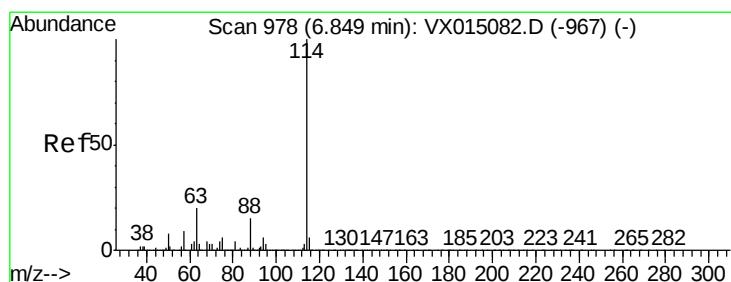
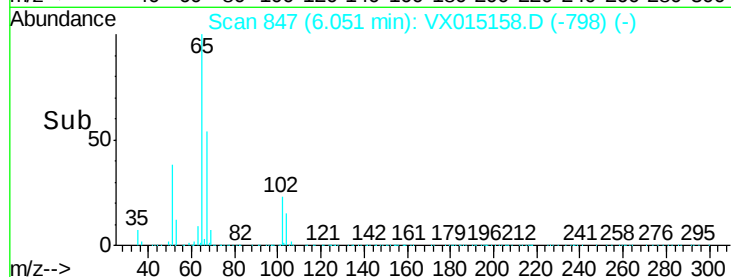
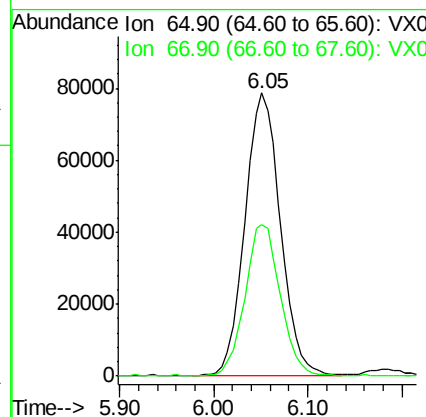
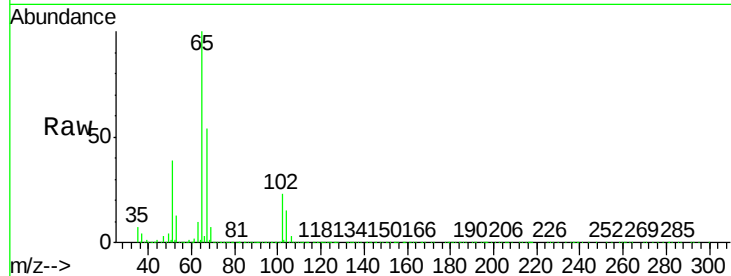
#33
 1,2-Dichloroethane-d4
 Concen: 50.734 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0310WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	206946		
67	53.0	0.0	105.6	

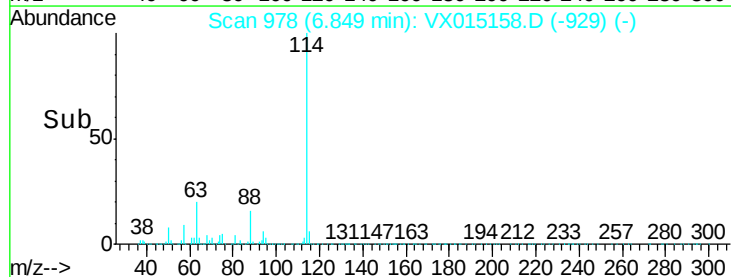
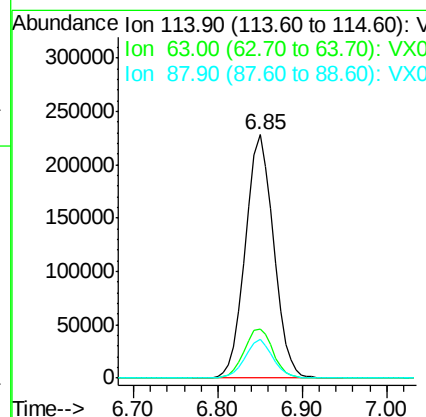
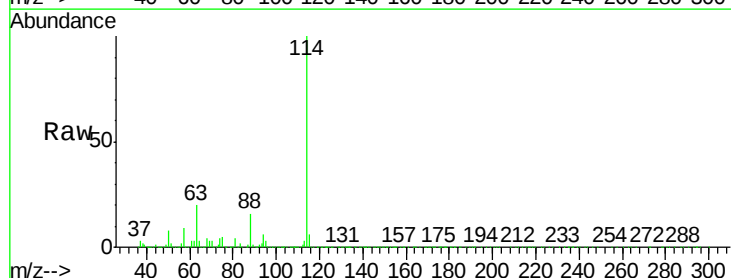
Manual Integrations
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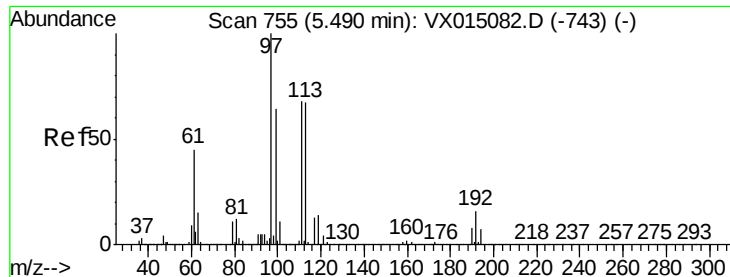
MMDadoda
 3/11/2020 3:21:24 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	515218		
63	20.0	0.0	40.0	
88	15.7	0.0	30.6	





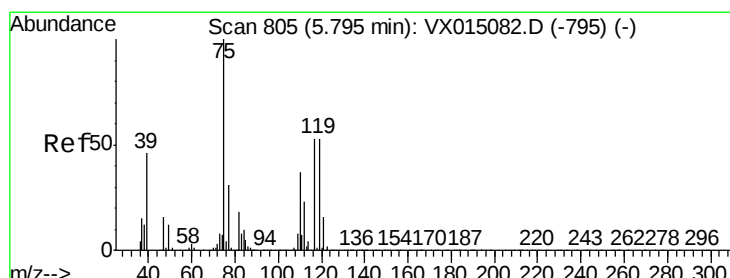
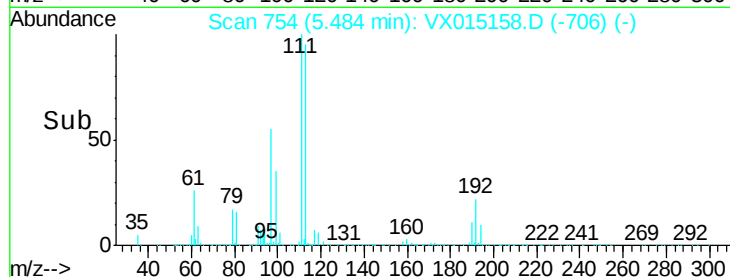
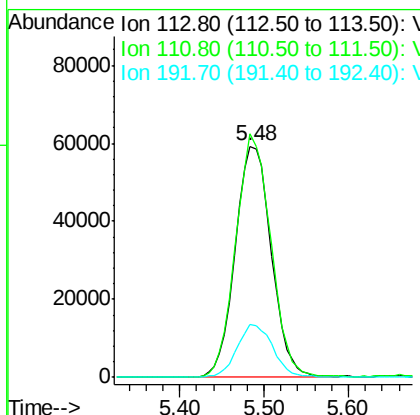
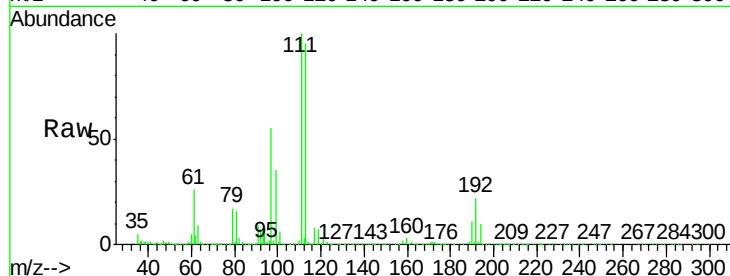
#35
Dibromofluoromethane
Concen: 52.889 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	171909		
111	101.9	82.6	123.8	
192	23.1	18.6	28.0	

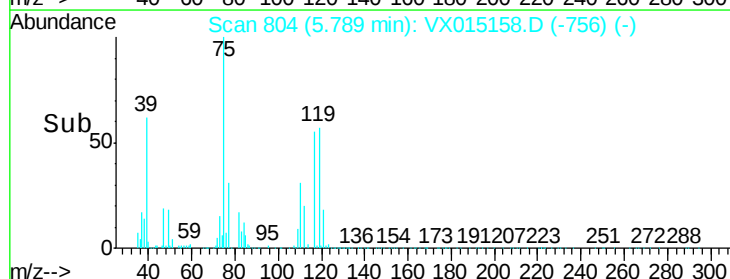
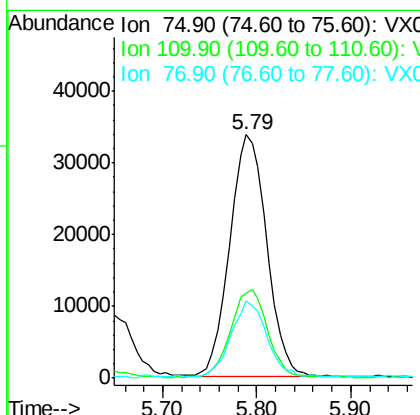
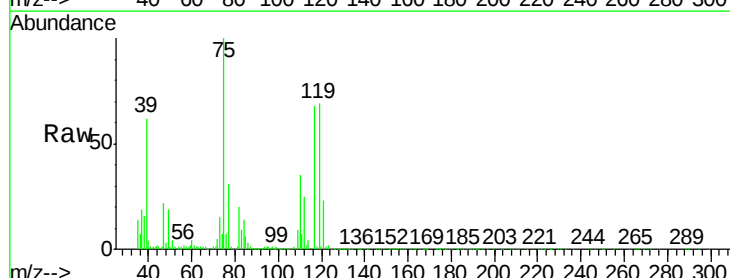
Manual Integrations
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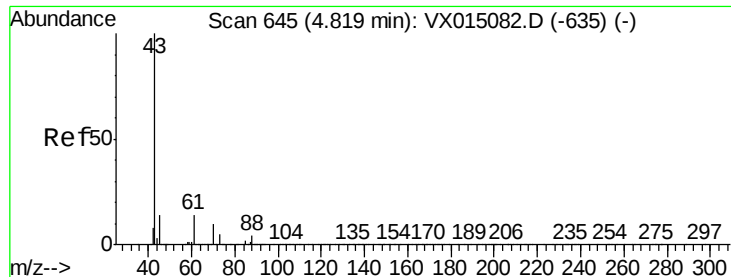
MMDadoda
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#36
1,1-Dichloropropene
Concen: 19.425 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	92521		
110	37.0	17.9	53.8	
77	30.3	24.8	37.2	





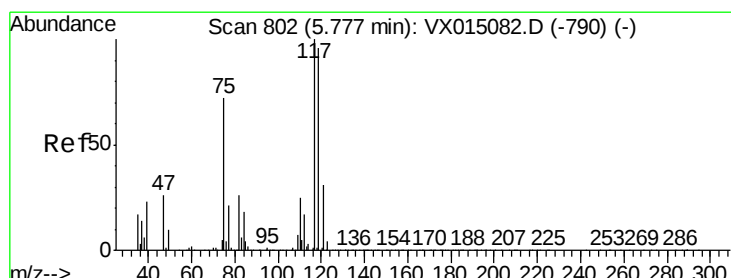
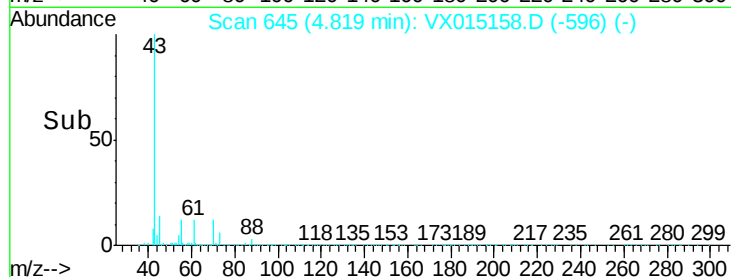
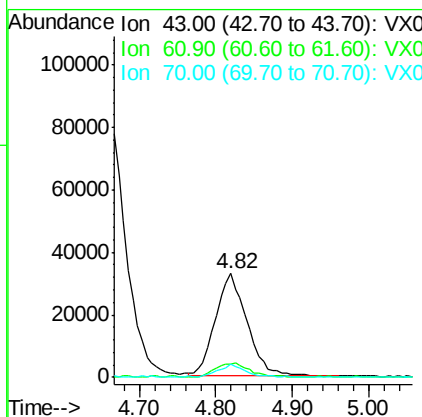
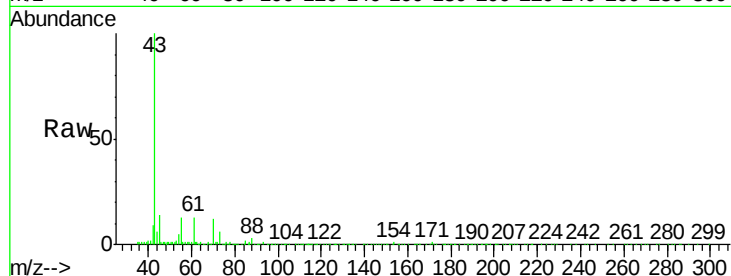
#37
Ethyl Acetate
Concen: 21.311 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.0	16.4
70	9.5	8.1	12.1

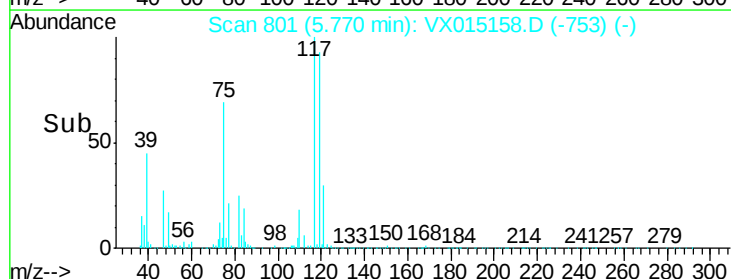
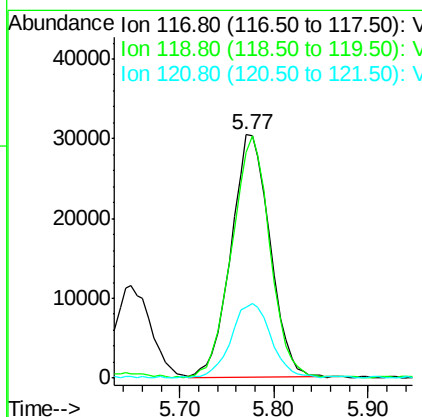
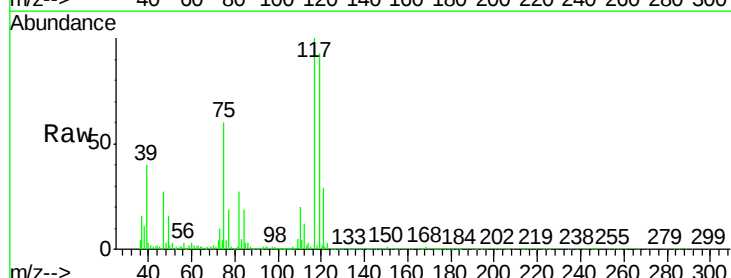
Manual Integrations
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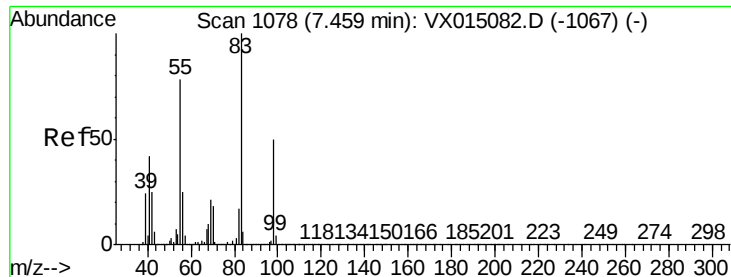
MMDadoda
3/11/2020 3:21:24 PM



#38
Carbon Tetrachloride
Concen: 19.465 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.9	76.9	115.3
121	29.1	24.6	37.0





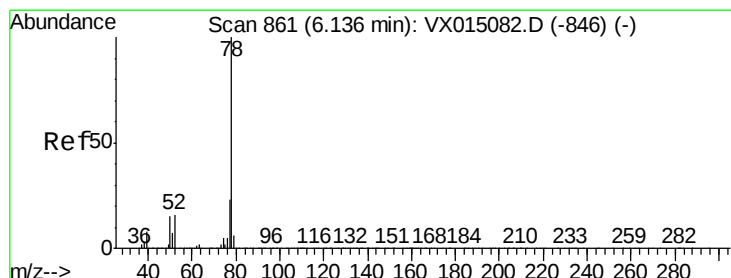
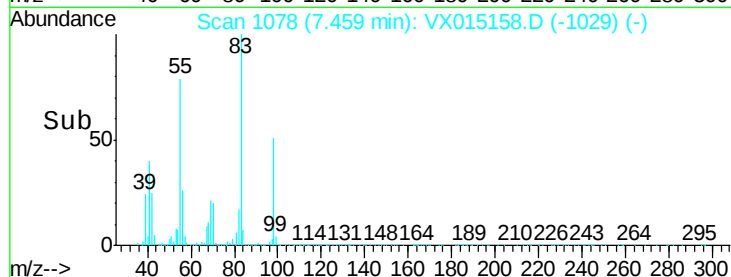
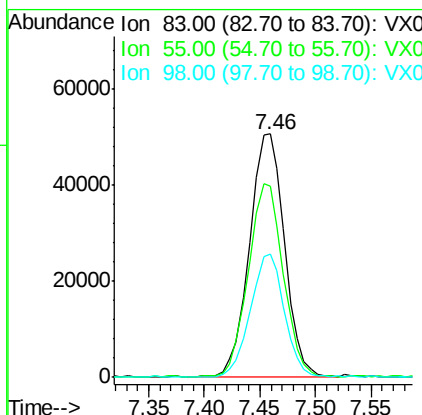
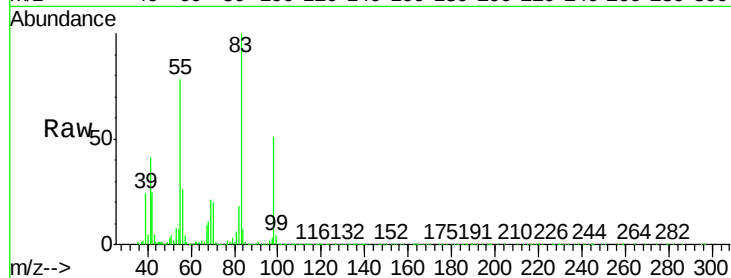
#39
Methvlcvclohexane
Concen: 19.973 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	62.4	93.6
98	50.7	39.7	59.5

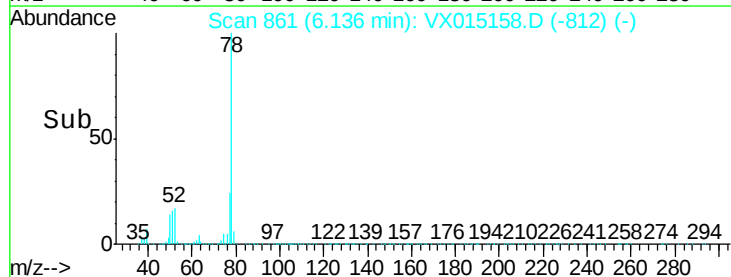
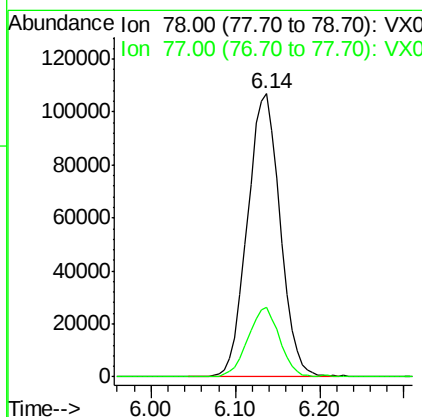
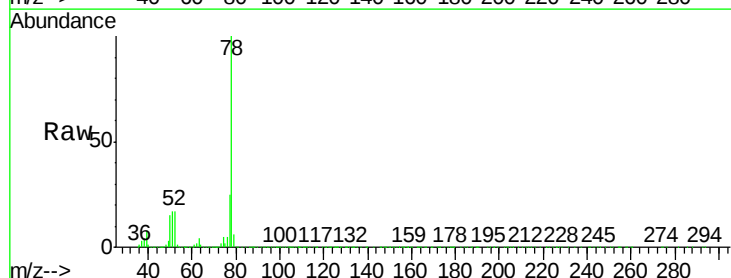
Manual Integrations
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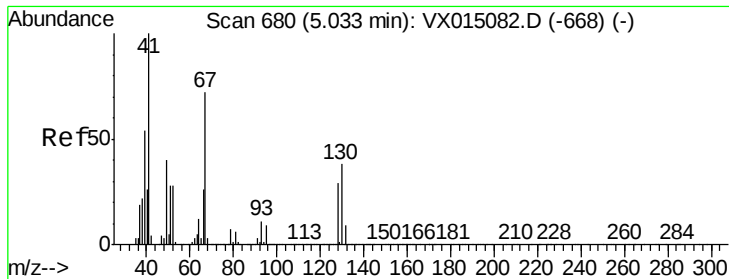
MMDadoda
3/11/2020 3:21:24 PM



#40
Benzene
Concen: 20.054 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.6	28.0





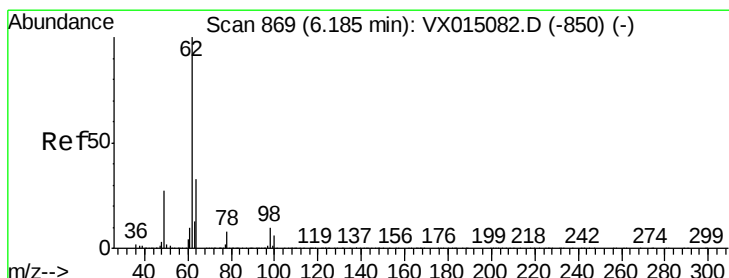
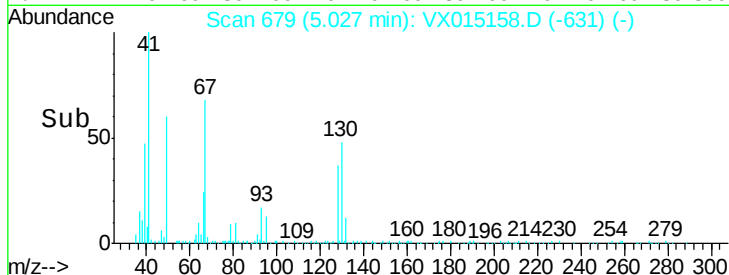
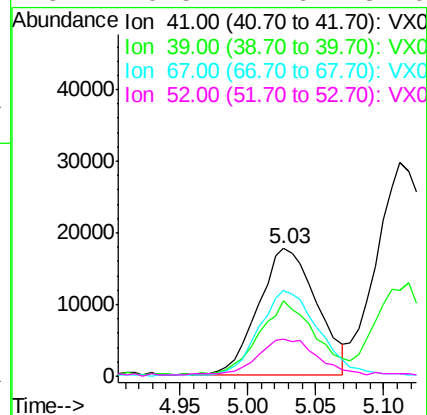
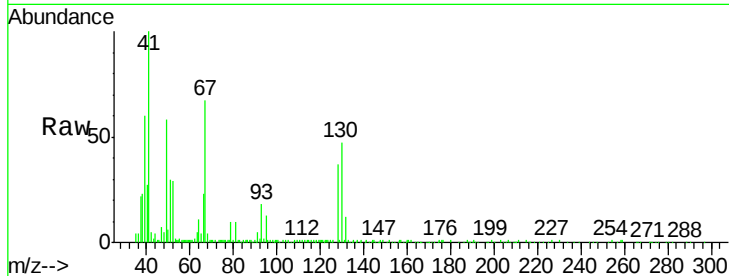
#41
Methacrylonitrile
Concen: 19.935 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.8	43.9	65.9	
67	68.4	57.8	86.8	
52	29.5	22.6	34.0	

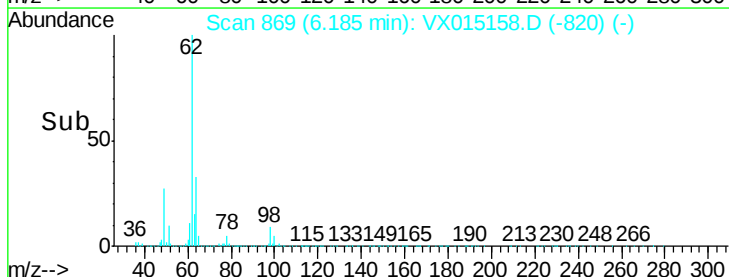
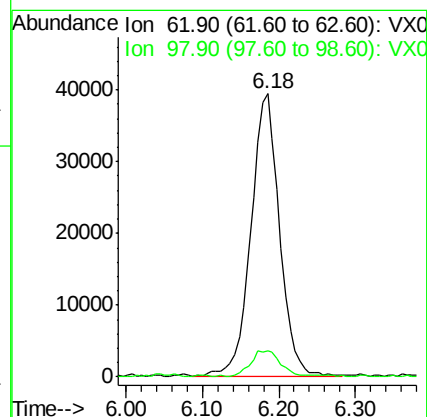
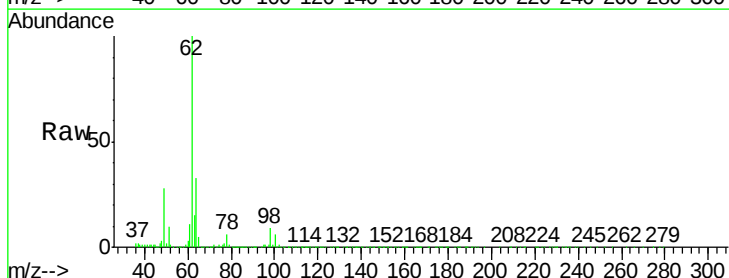
Manual Integrations
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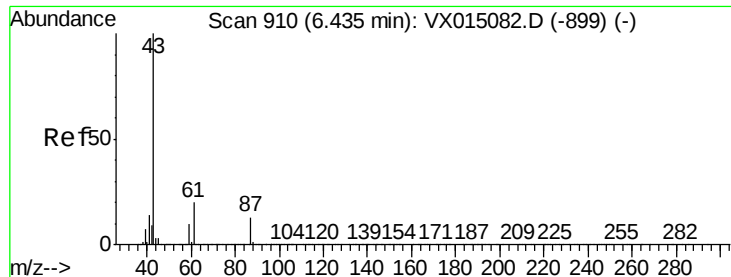
MMDadoda
3/11/2020 3:21:24 PM



#42
1,2-Dichloroethane
Concen: 21.062 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	20.6	





#43

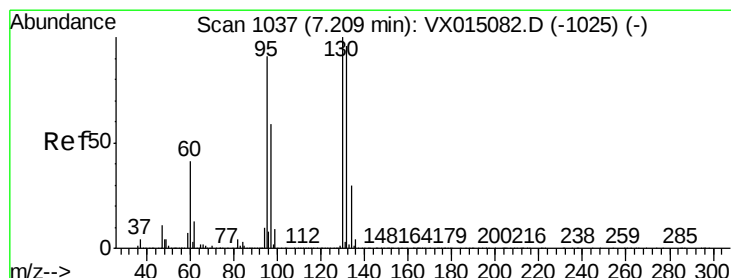
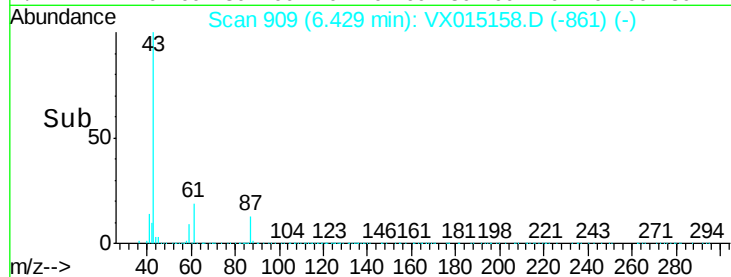
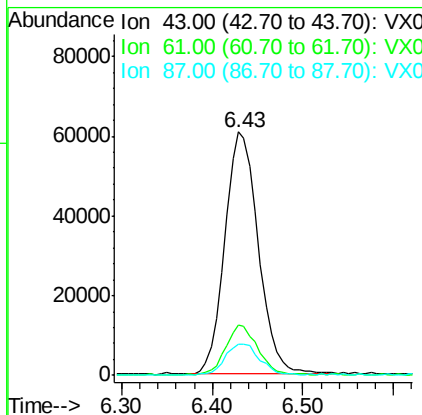
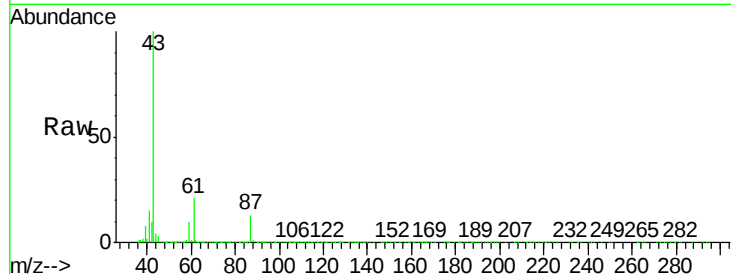
Isopropyl Acetate
 Concen: 20.103 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0310WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.1	24.1
87	13.0	10.6	16.0

Manual Integrations
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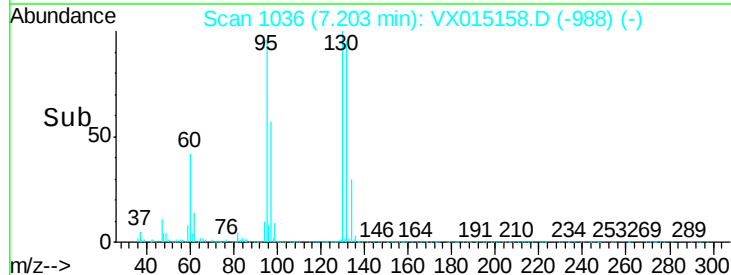
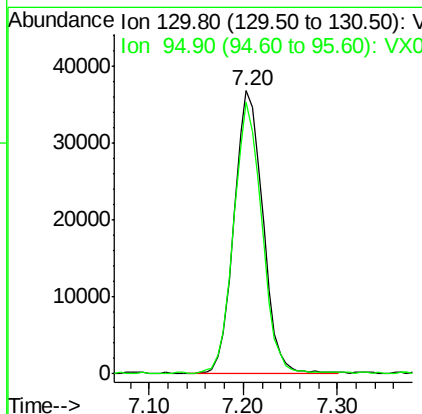
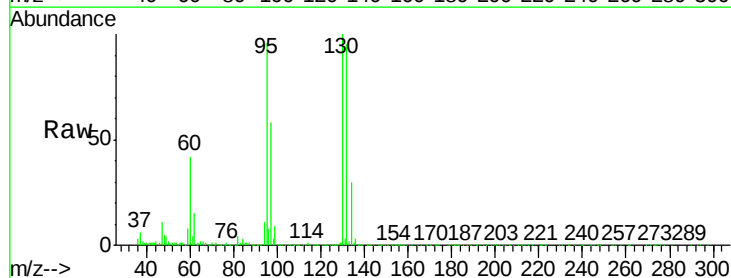
MMDadoda
 3/11/2020 3:21:24 PM

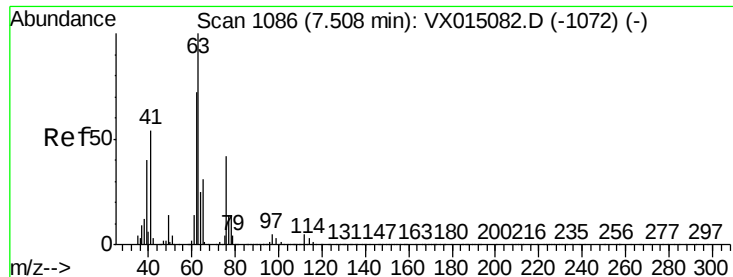


#44

Trichloroethene
 Concen: 20.010 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	181.2





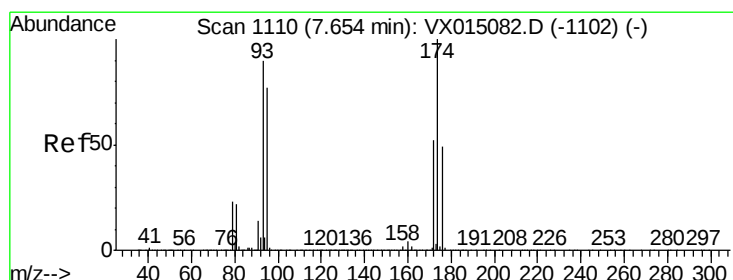
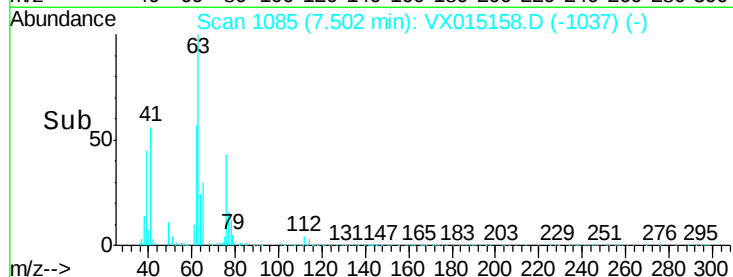
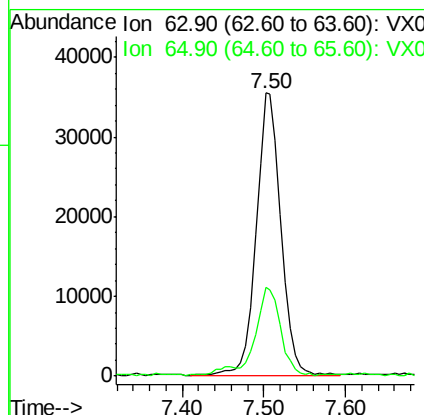
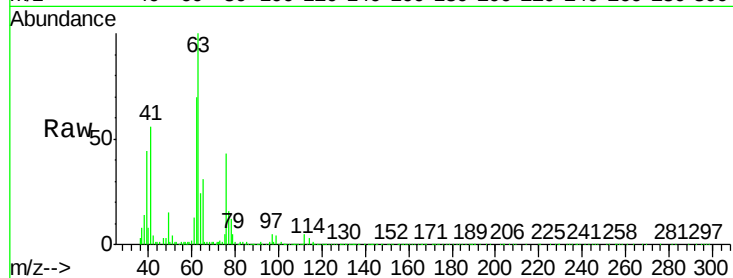
#45
 1,2-Dichloropropane
 Concen: 20.428 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0310WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.6	36.8

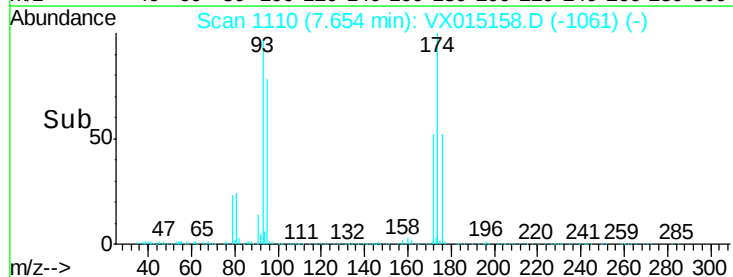
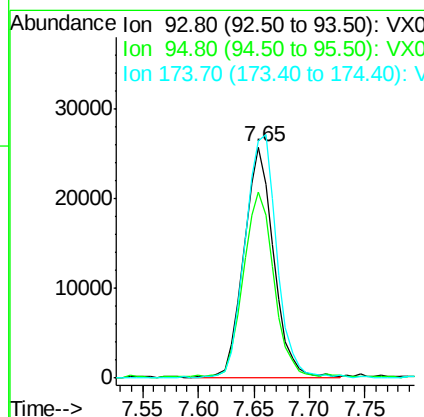
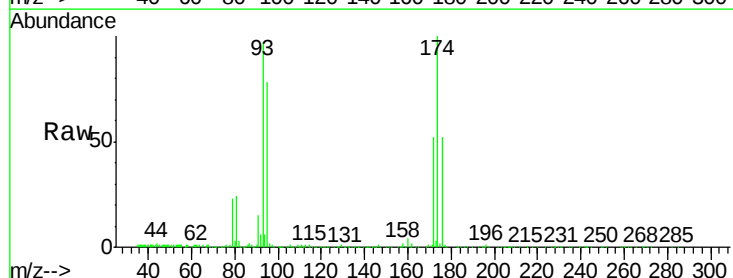
Manual Integrations
 APPROVED

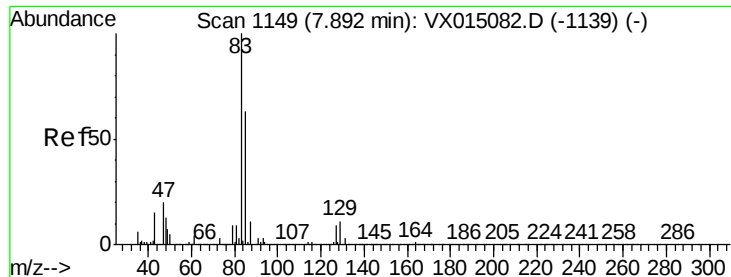
MMDadoda
 3/11/2020 3:21:24 PM



#46
 Dibromomethane
 Concen: 20.267 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.4	67.8	101.8
174	110.5	91.0	136.4





#47

Bromodichloromethane

Concen: 20.346 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

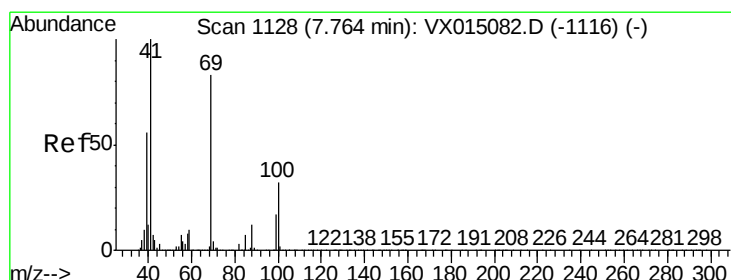
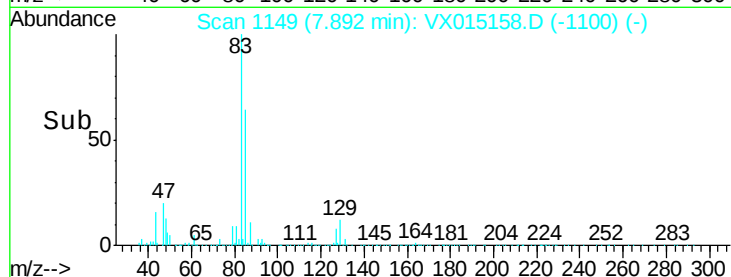
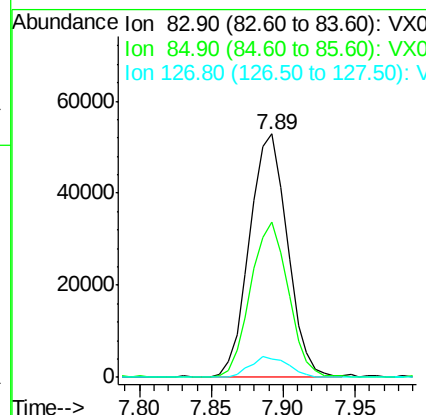
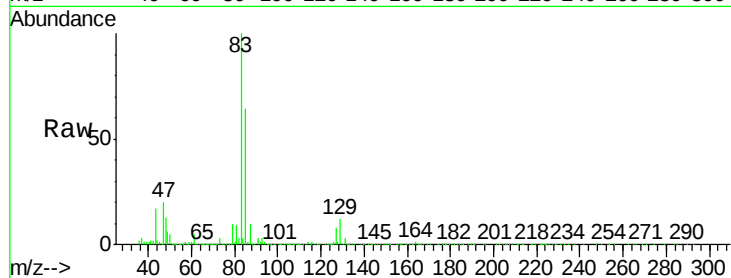
ClientSampleId :

VX0310WBS01

Tot Ion:	83	Resp:	95891
Ion Ratio	Lower	Upper	
83	100		
85	63.4	50.6	75.8
127	7.4	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.058 ug/l

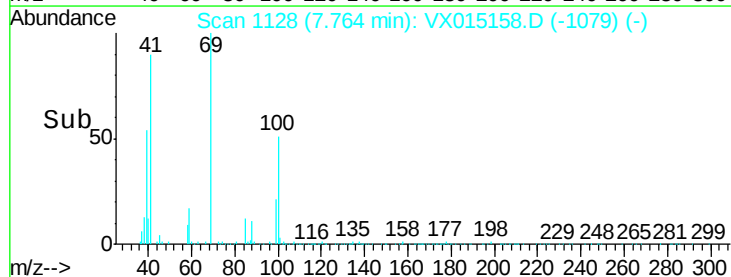
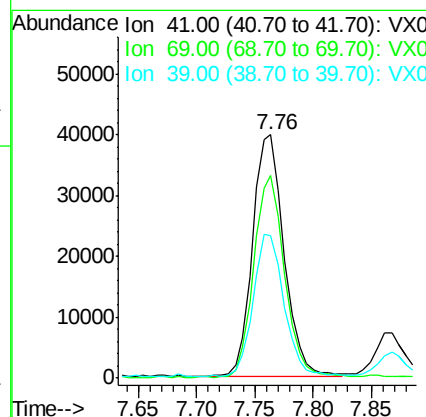
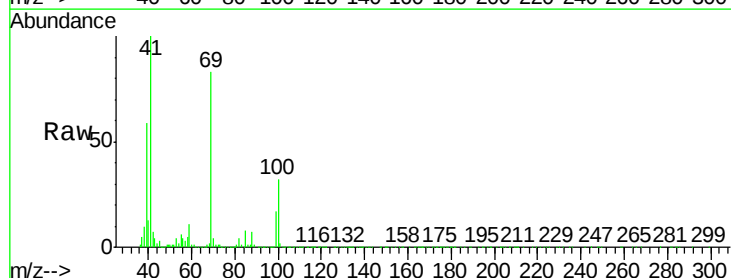
RT: 7.76 min Scan# 1128

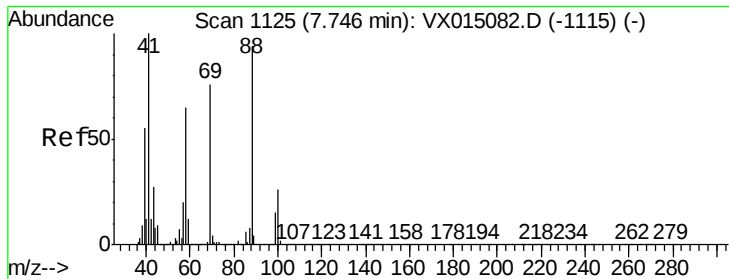
Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Tgt Ion:	41	Resp:	75392
Ion Ratio	Lower	Upper	
41	100		
69	81.1	65.4	98.2
39	57.9	44.6	67.0





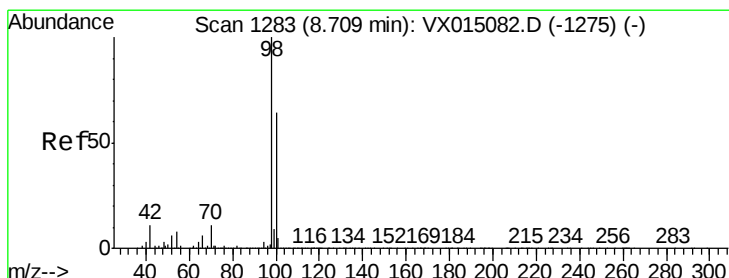
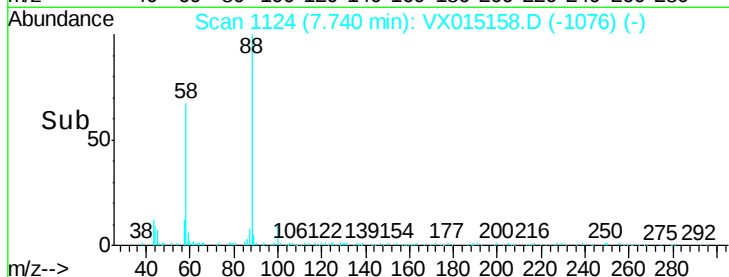
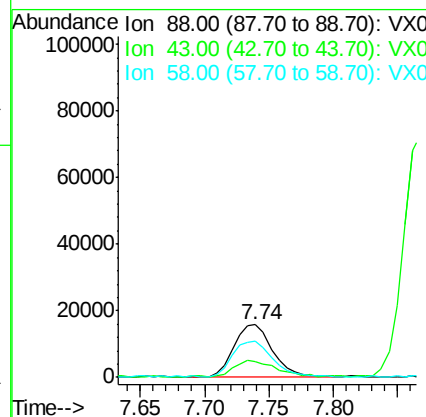
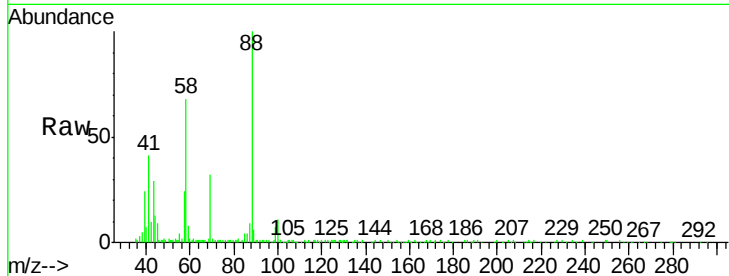
#49
1,4-Dioxane
Concen: 386.822 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. -0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	27.0	40.4
58	72.5	55.6	83.4

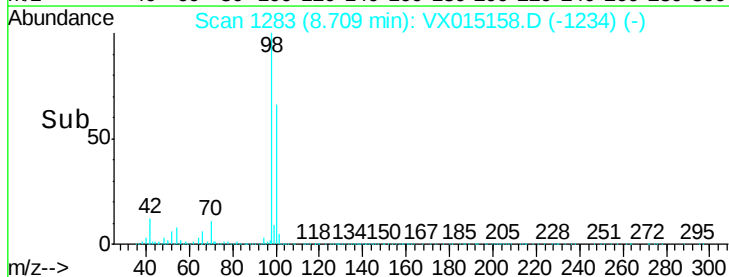
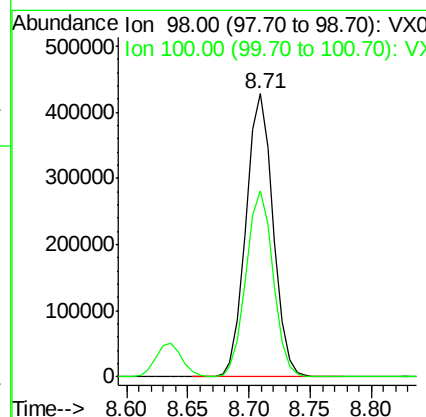
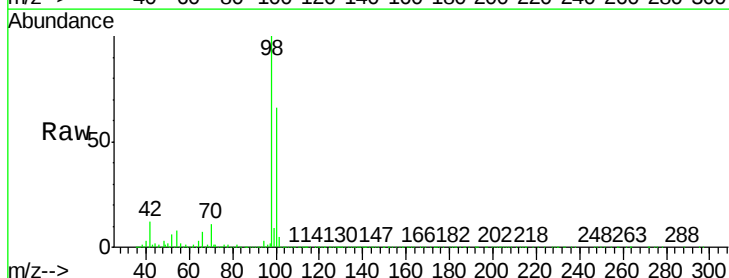
Manual Integrations
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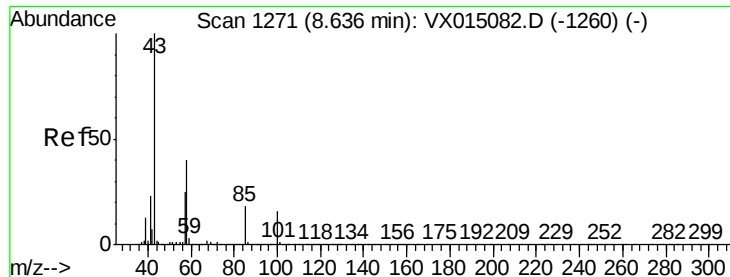
MMDadoda
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#50
Toluene-d8
Concen: 53.284 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6





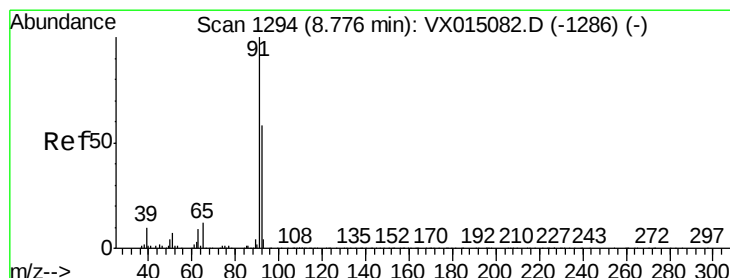
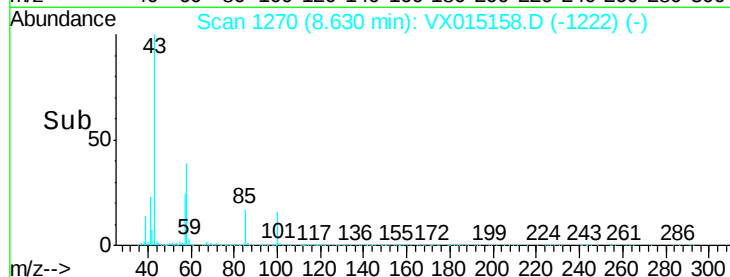
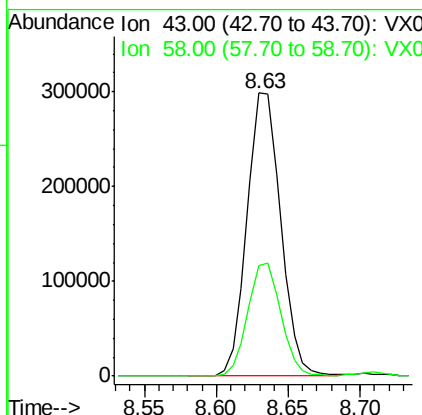
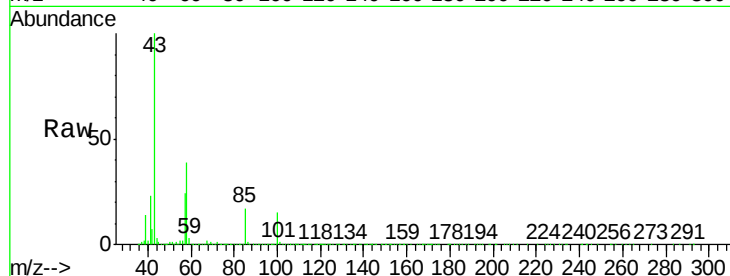
#51
4-Methyl-2-Pentanone
Concen: 105.039 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.6	47.4

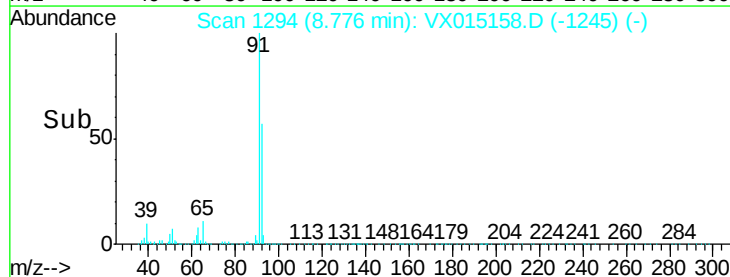
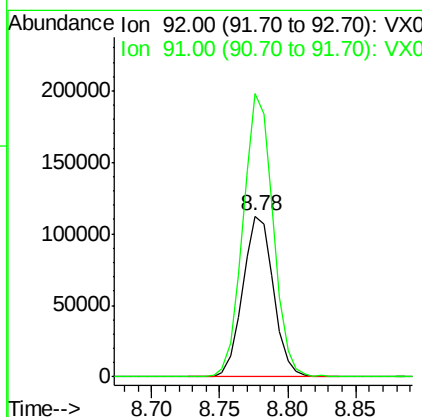
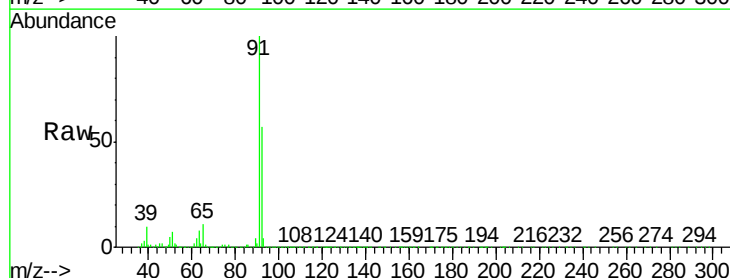
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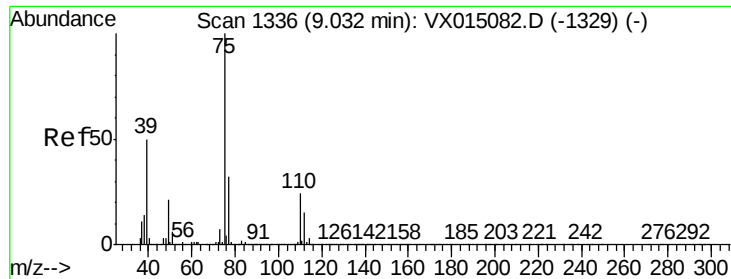
MMDadoda
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#52
Toluene
Concen: 20.444 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.4	136.9	205.3





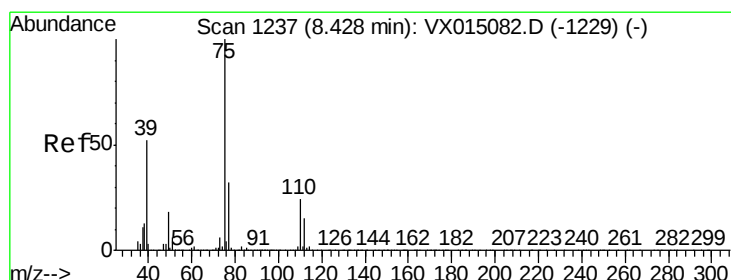
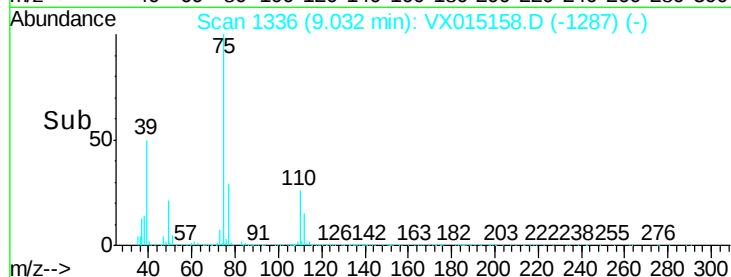
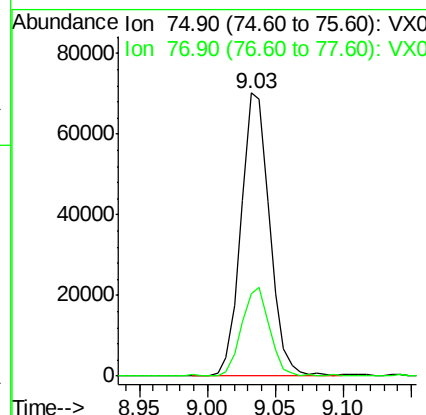
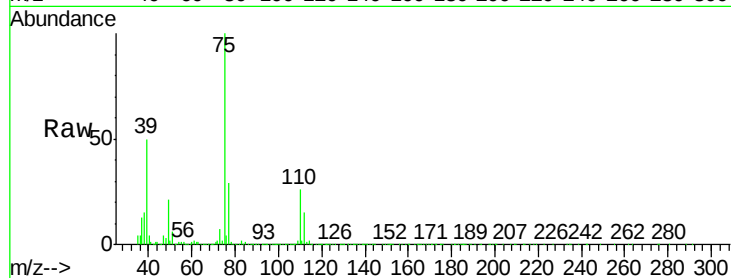
#53
t-1,3-Dichloropropene
Concen: 20.404 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	28.8	25.4	38.0

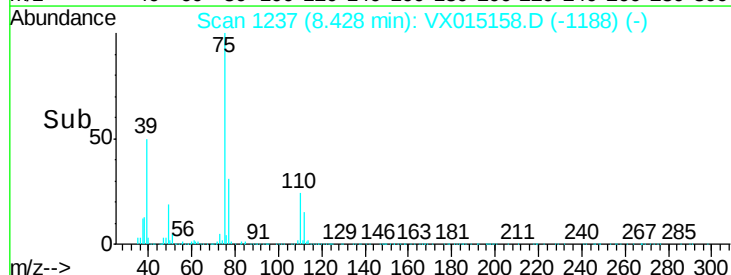
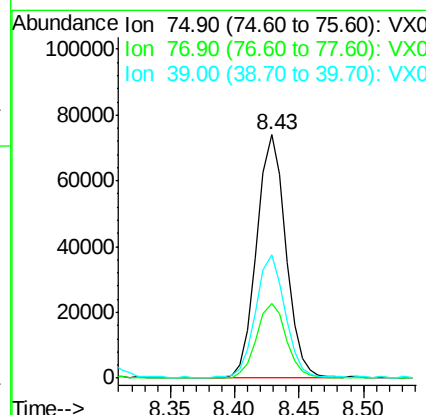
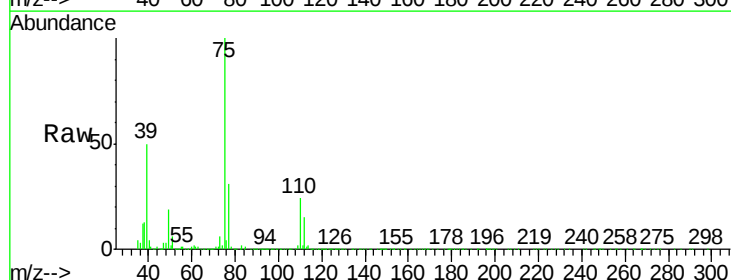
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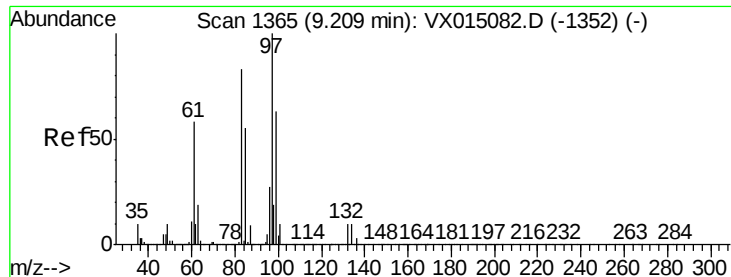
MMDadoda
3/11/2020 3:21:24 PM



#54
cis-1,3-Dichloropropene
Concen: 20.368 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.8	38.6
39	50.3	41.3	61.9





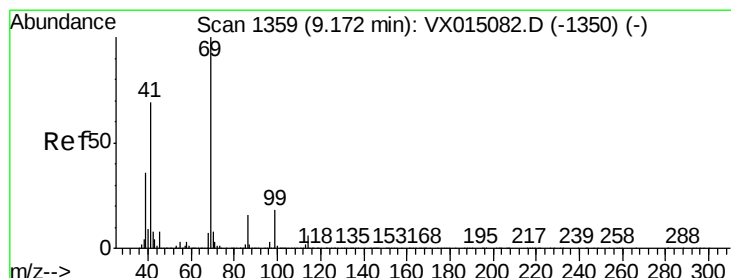
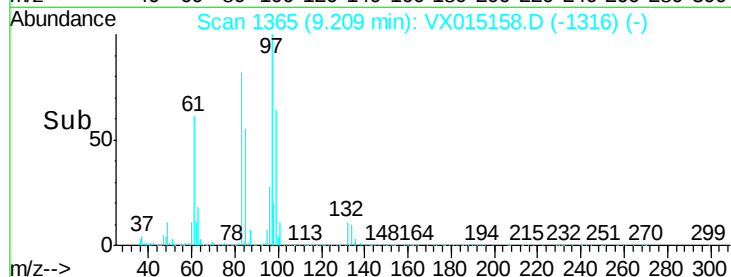
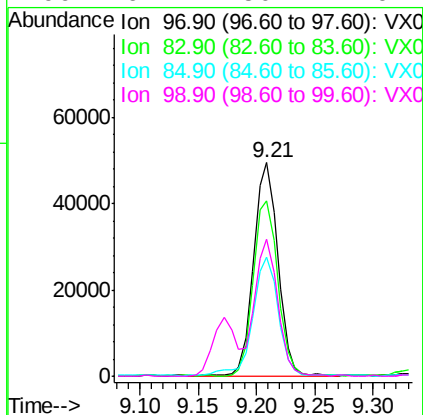
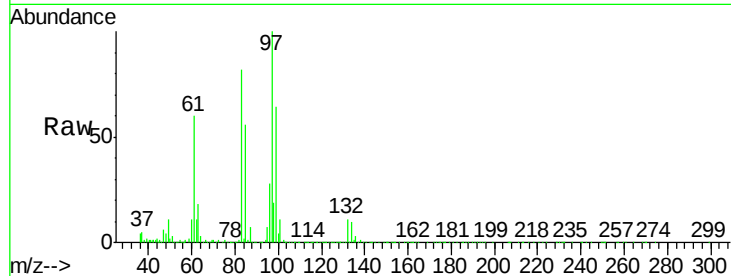
#55
 1,1,2-Trichloroethane
 Concen: 20.310 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0310WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		72230		
83	82.1	66.4	99.6		
85	55.5	43.5	65.3		
99	64.2	50.7	76.1		

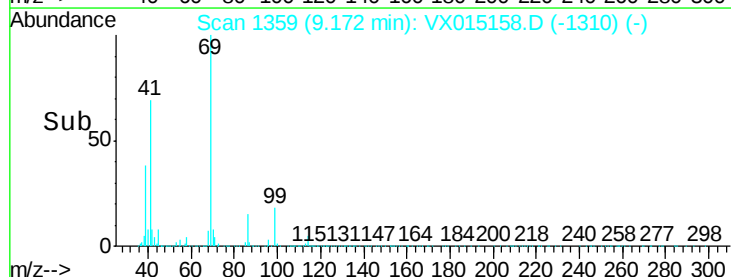
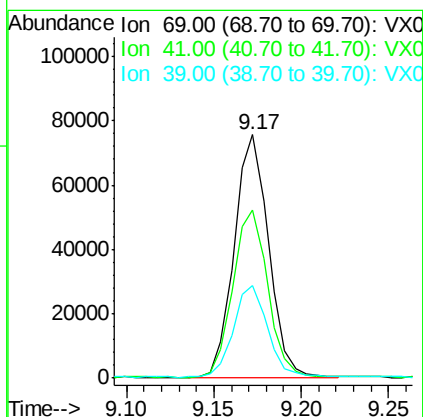
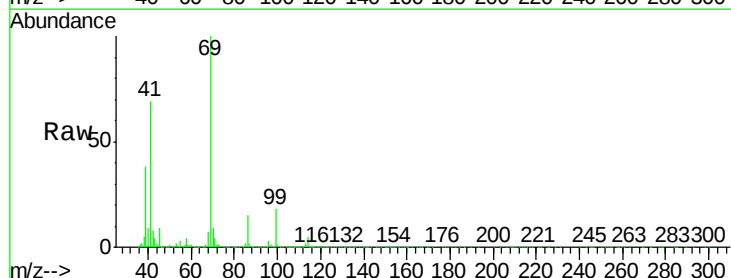
Manual Integrations
 APPROVED

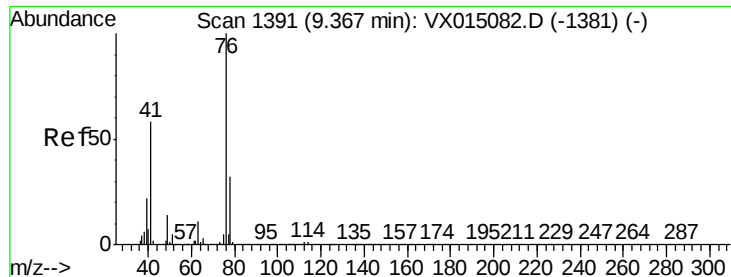
MMDadoda
 3/11/2020 3:21:24 PM



#56
 Ethyl methacrylate
 Concen: 20.458 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		103774		
41	70.2	55.8	83.8		
39	37.5	29.4	44.2		





#57

1,3-Dichloropropane

Concen: 20.467 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

VX0310WBS01

Tot Ion: 76 Resp: 122452

Ion Ratio Lower Upper

76 100

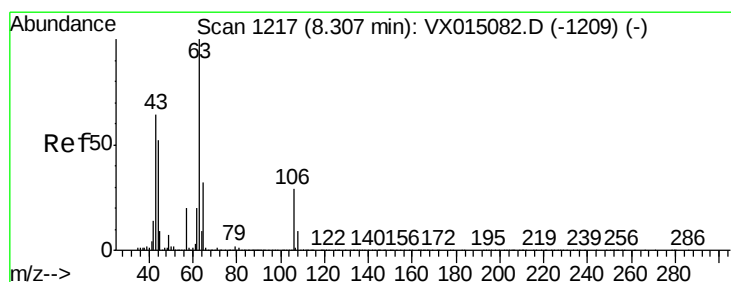
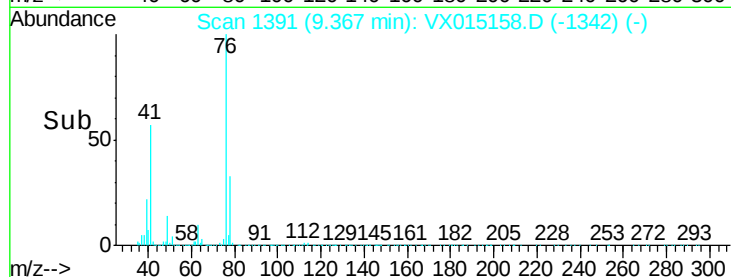
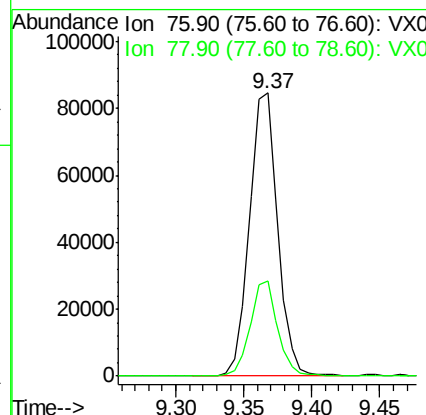
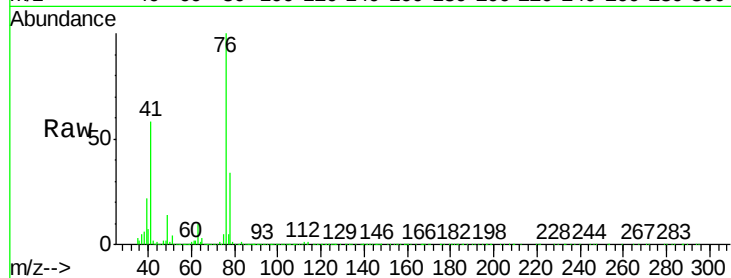
78 32.4 25.6 38.4

Manual Integrations

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3/11/2020 3:21:24 PM



#58

2-Chloroethyl Vinyl ether

Concen: 98.325 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015158.D

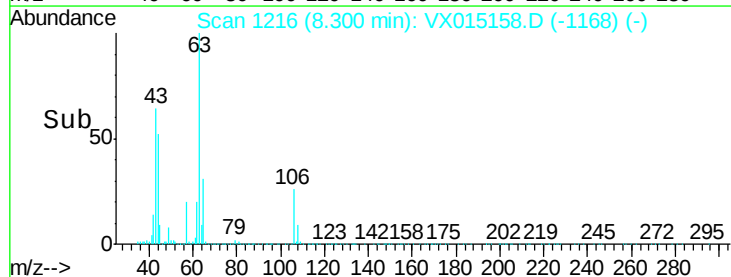
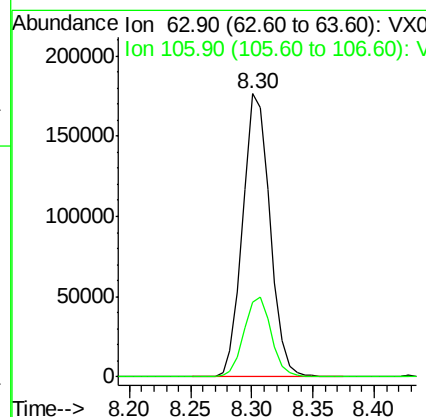
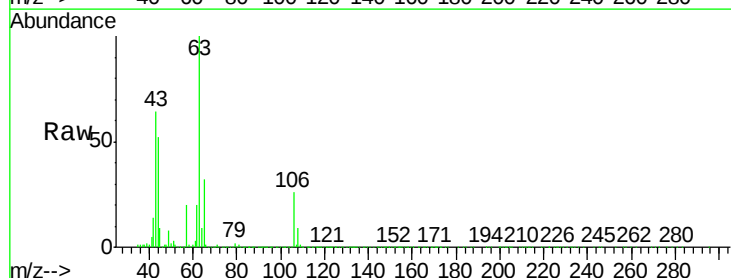
Acq: 10 Mar 2020 10:14

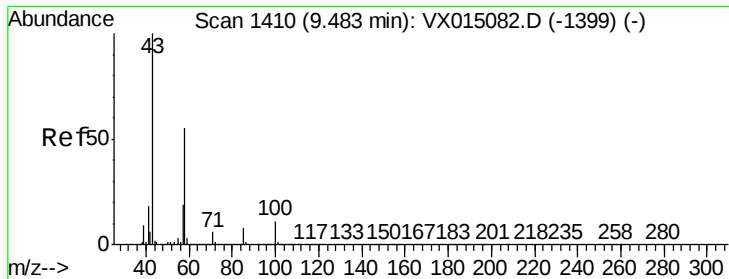
Tgt Ion: 63 Resp: 271713

Ion Ratio Lower Upper

63 100

106 28.4 22.8 34.2





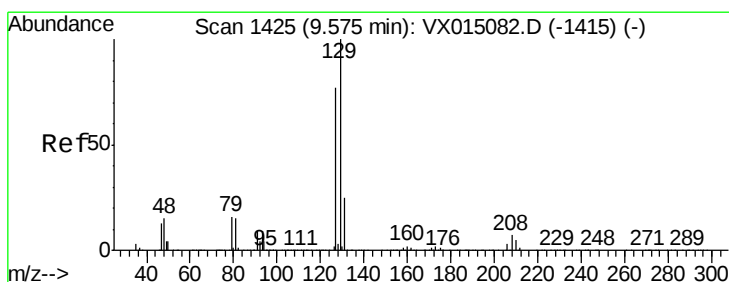
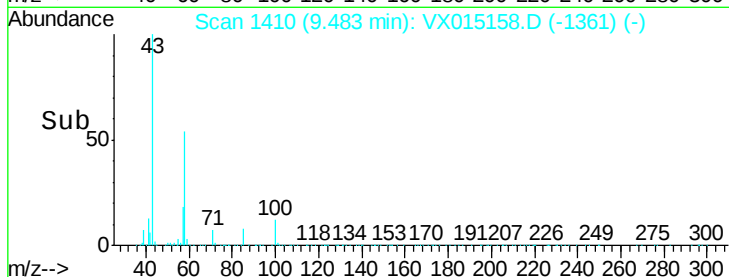
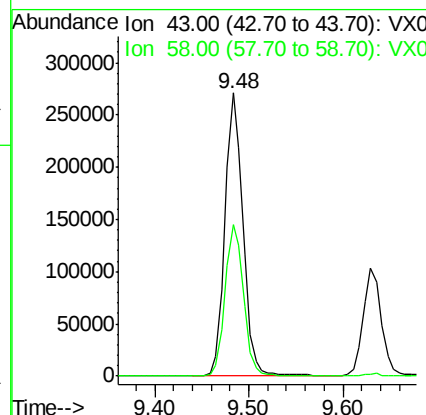
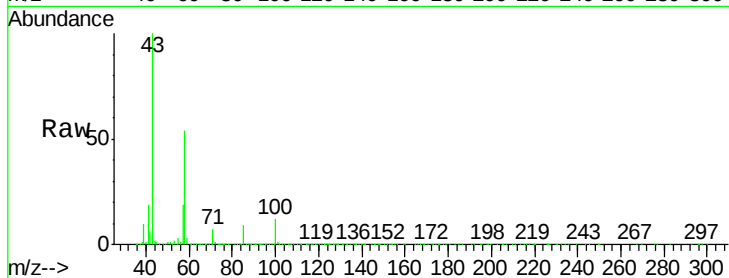
#59
2-Hexanone
Concen: 105.819 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBS01

Tot Ion: 43 Resp: 360430
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8

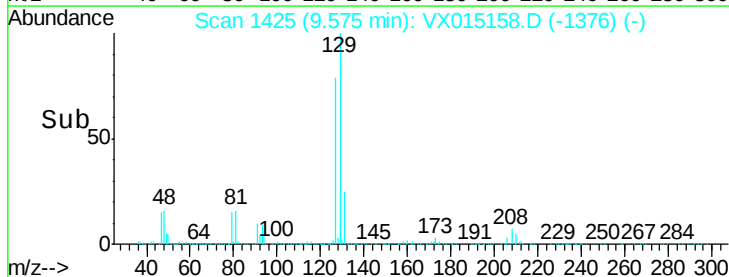
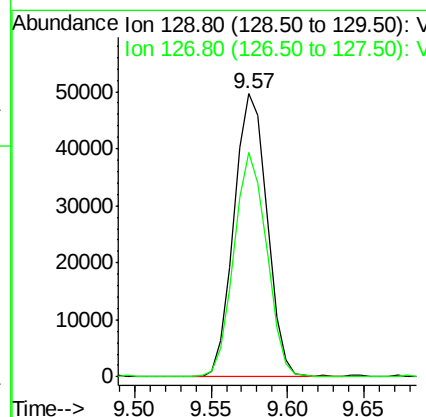
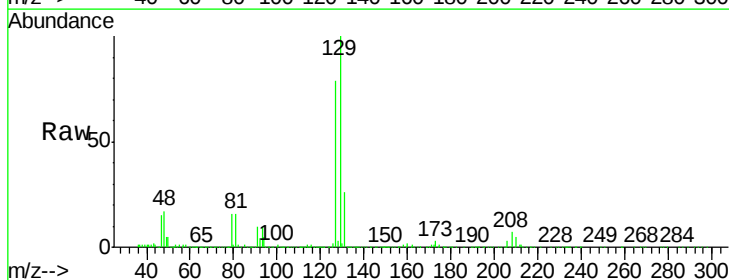
Manual Integrations
APPROVED

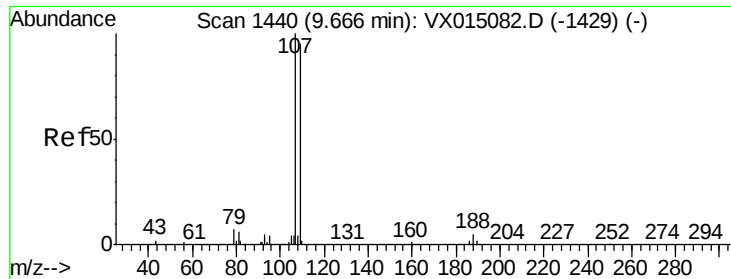
MMDadoda
3/11/2020 3:21:24 PM



#60
Dibromochloromethane
Concen: 19.975 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion: 129 Resp: 74620
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.952 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

VX0310WBS01

Tot Ion: 107 Resp: 74526

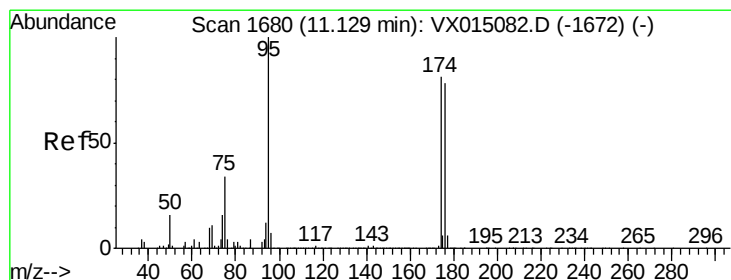
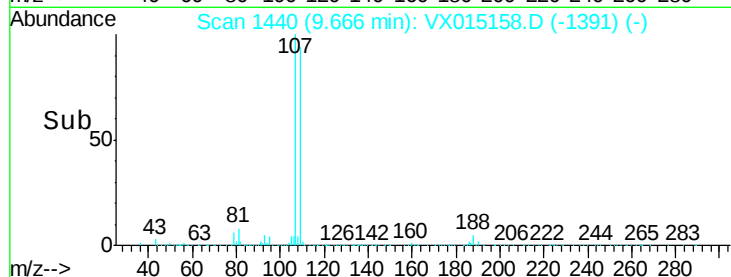
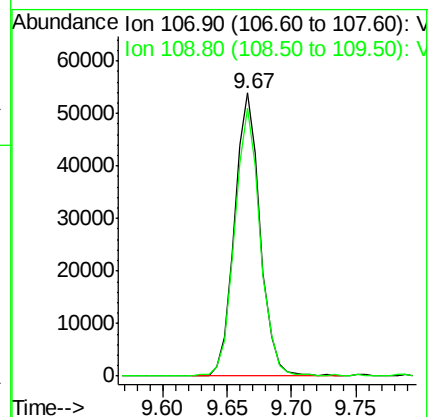
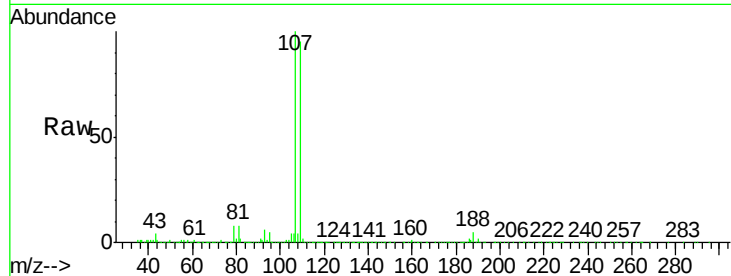
Ion Ratio Lower Upper

107 100

109 95.0 75.6 113.4

Manual Integrations
APPROVED

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3/11/2020 3:21:24 PM



#62

4-Bromofluorobenzene

Concen: 52.848 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

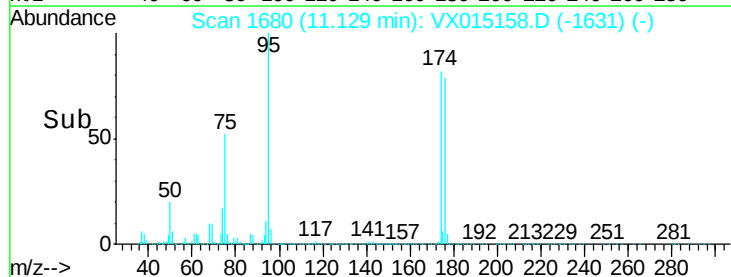
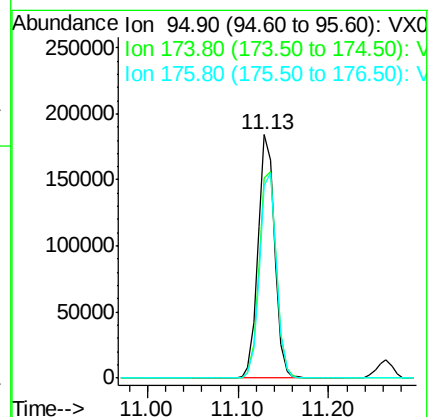
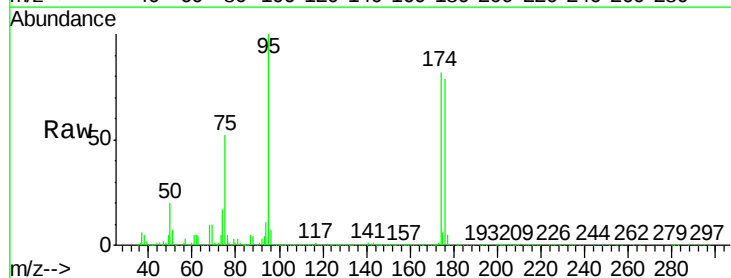
Tgt Ion: 95 Resp: 233065

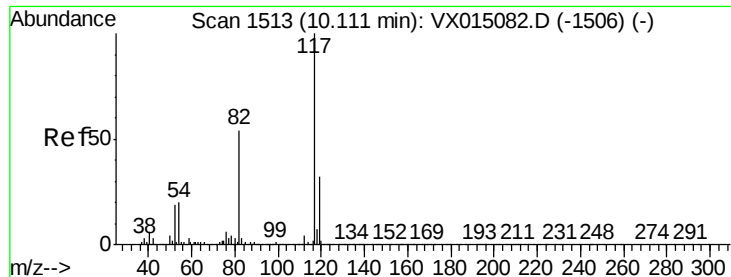
Ion Ratio Lower Upper

95 100

174 88.3 0.0 177.6

176 85.6 0.0 170.2





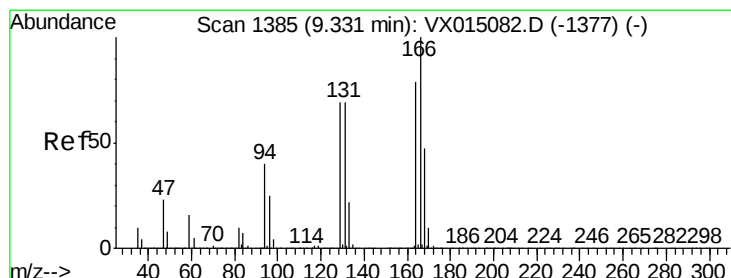
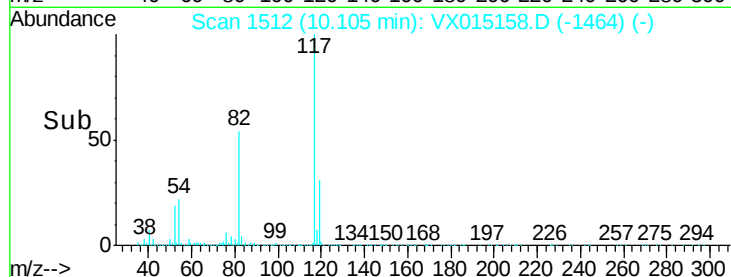
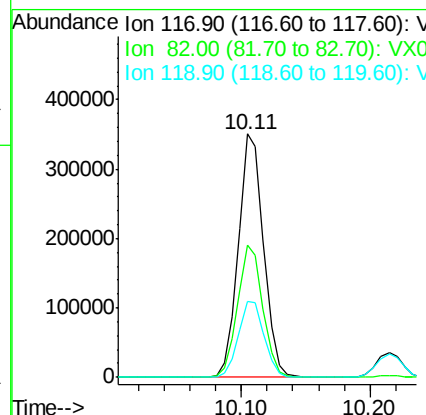
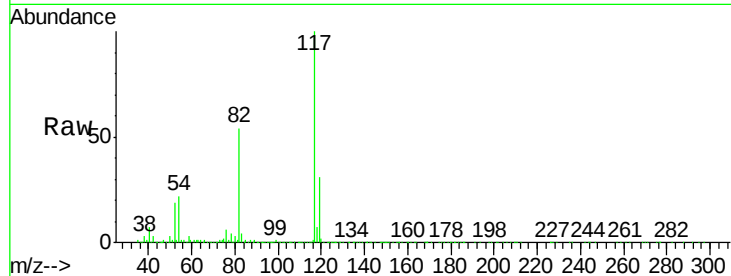
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.2	43.3	64.9
119	31.0	25.8	38.8

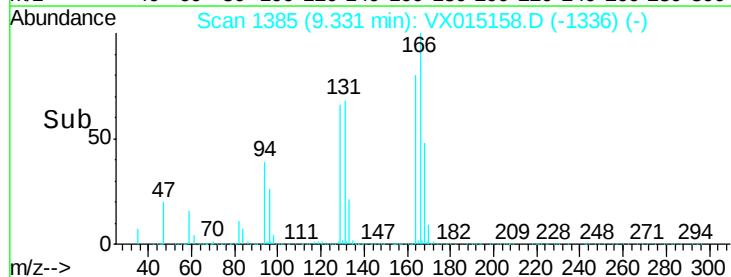
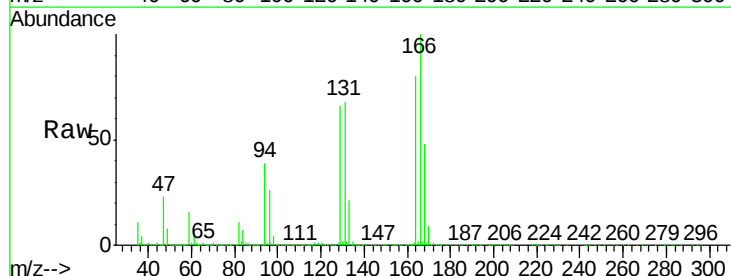
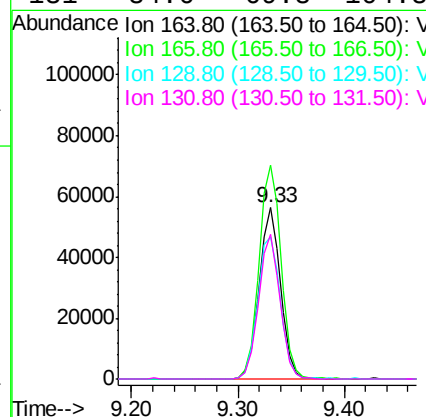
Manual Integrations
APPROVED

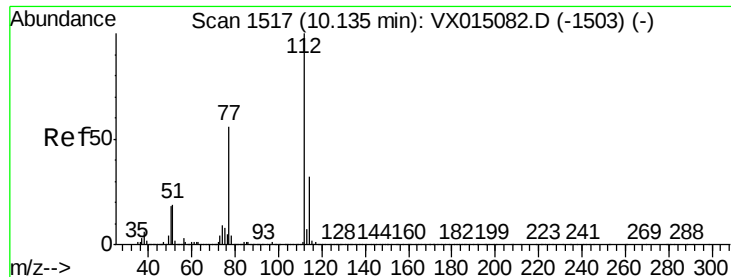
MMDadoda
3/11/2020 3:21:24 PM



#64
Tetrachloroethene
Concen: 20.100 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	124.5	101.1	151.7
129	82.4	69.4	104.0
131	84.6	69.8	104.8





#65

Chlorobenzene

Concen: 19.886 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

ClientSampled :

VX0310WBS01

Tot Ion:112 Resp: 190845

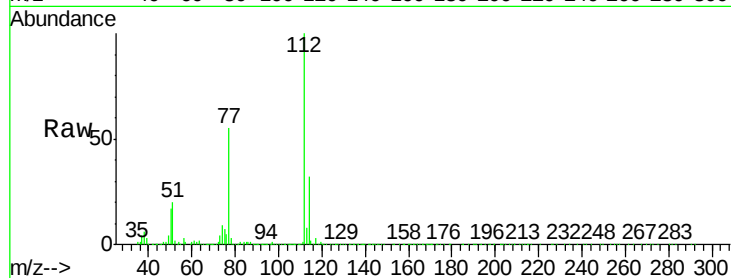
Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3

Manual Integrations
APPROVED

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

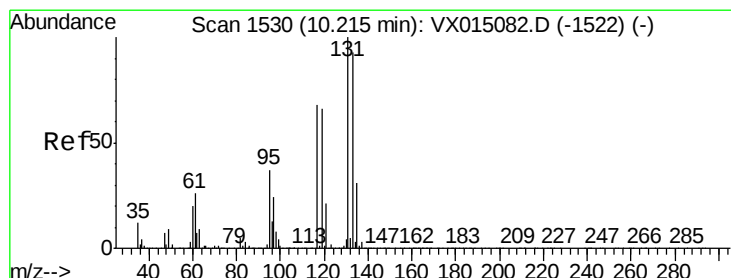
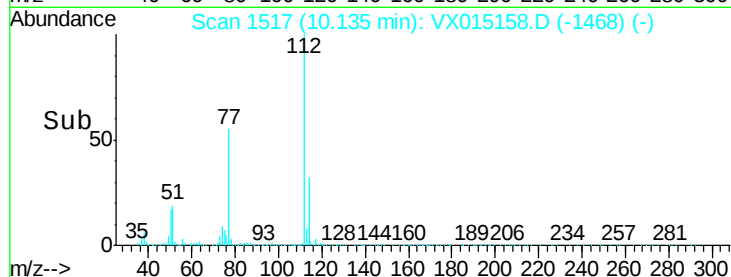
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.775 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

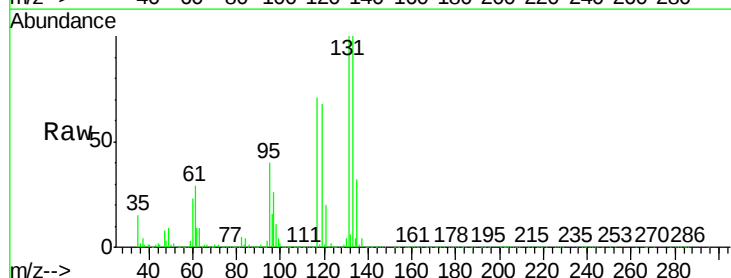
Tgt Ion:131 Resp: 71559

Ion Ratio Lower Upper

131 100

133 95.5 47.5 142.5

119 64.1 33.4 100.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

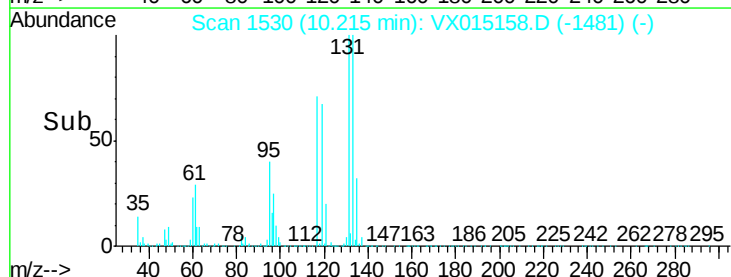
150000

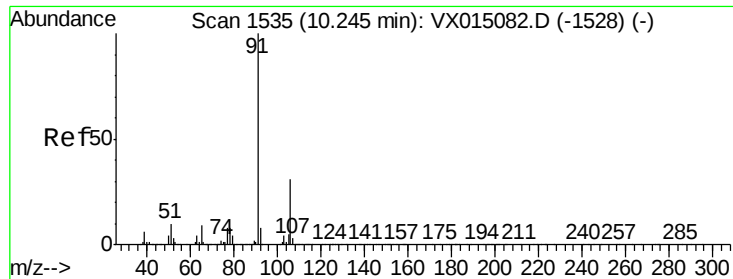
100000

50000

0

Time-->





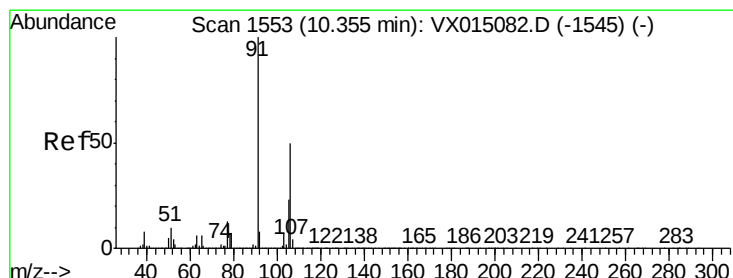
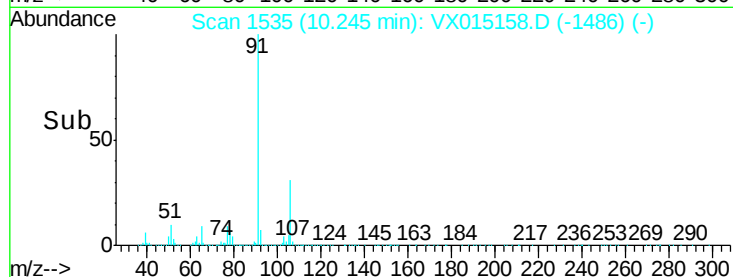
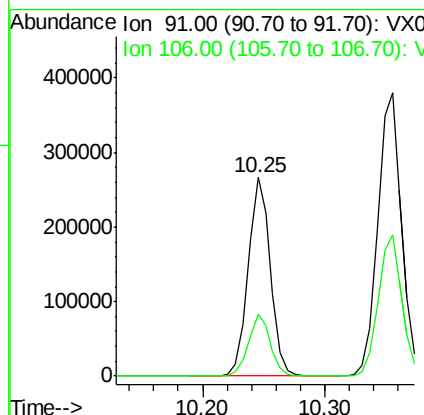
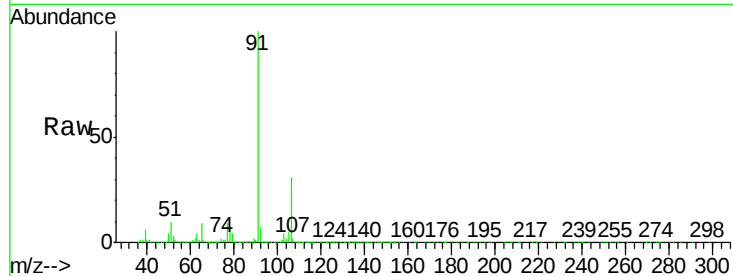
#67
Ethyl Benzene
Concen: 20.508 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		334204		
106	31.2		24.9	37.3	

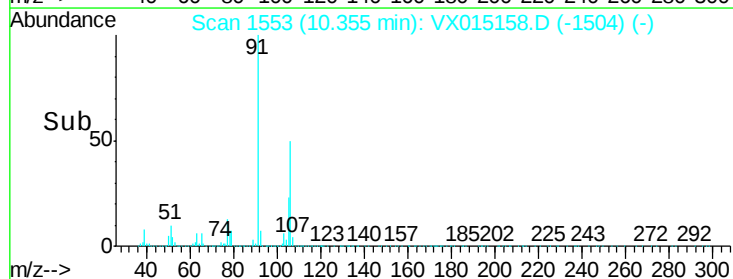
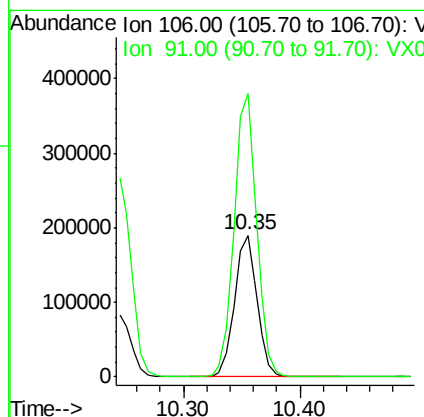
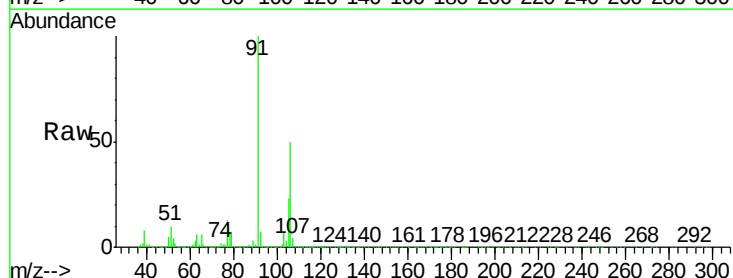
Manual Integrations
APPROVED

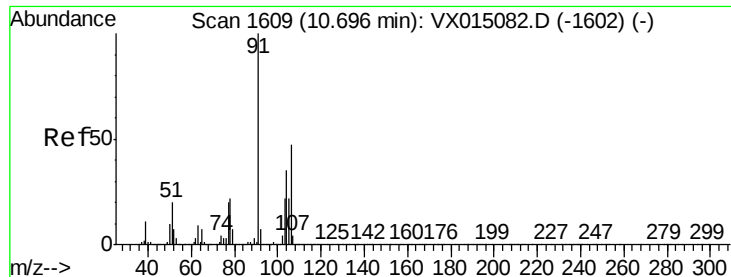
MMDadoda
3/11/2020 3:21:24 PM



#68
m/p-Xylenes
Concen: 41.174 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		255287		
91	200.6		159.4	239.2	





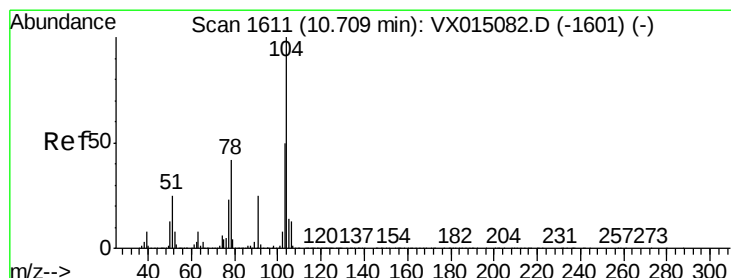
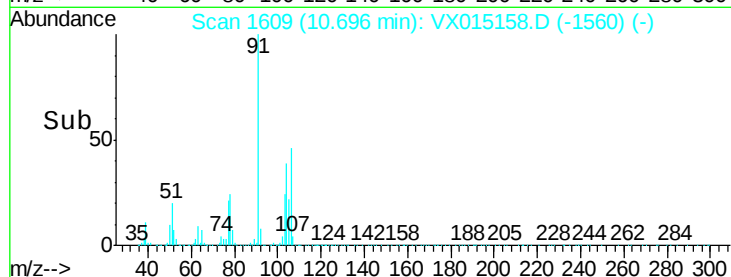
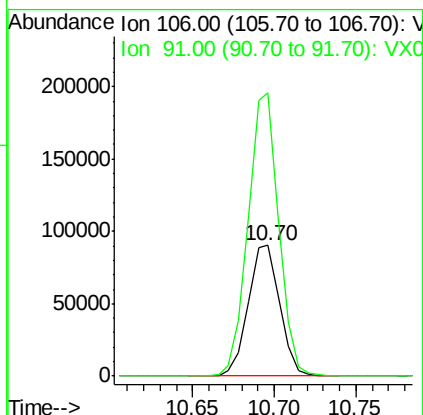
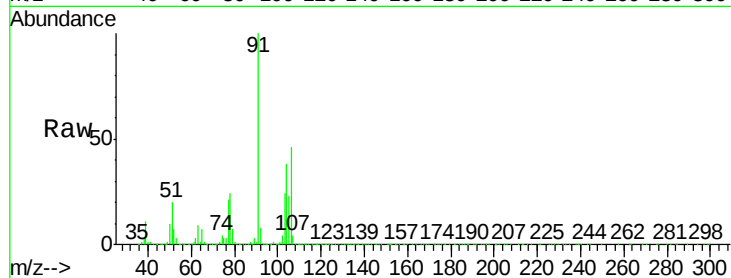
#69
o-Xylene
Concen: 20.560 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.1	105.4	316.1

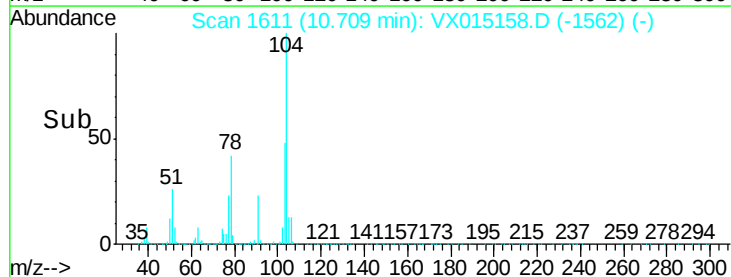
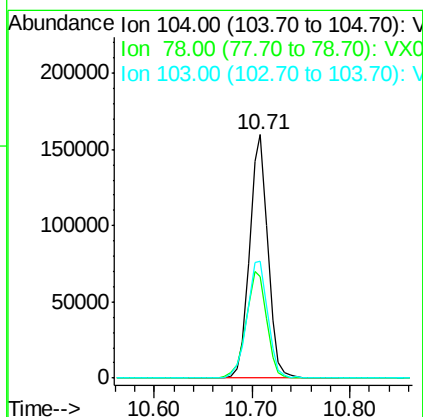
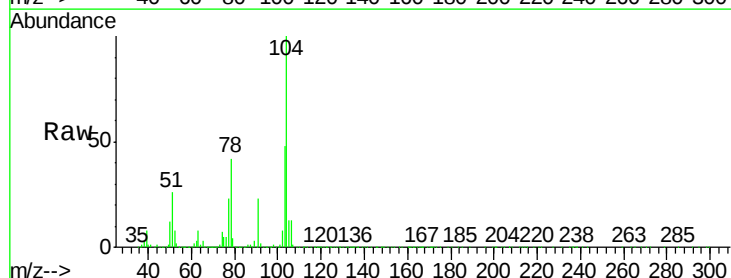
Manual Integrations
APPROVED

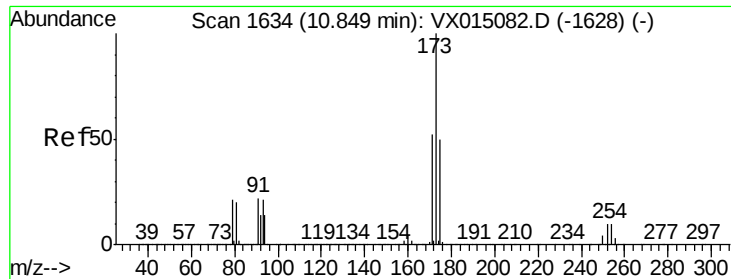
MMDadoda
3/11/2020 3:21:24 PM



#70
Styrene
Concen: 20.305 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.2	39.0	58.4
103	54.4	43.7	65.5





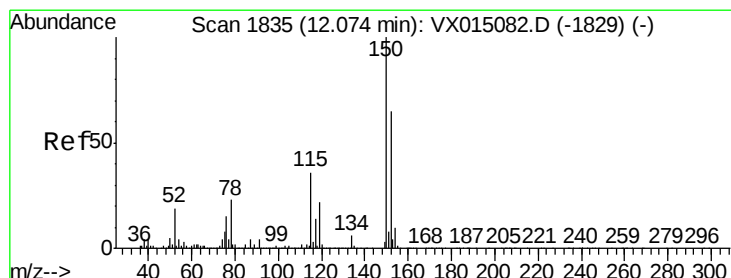
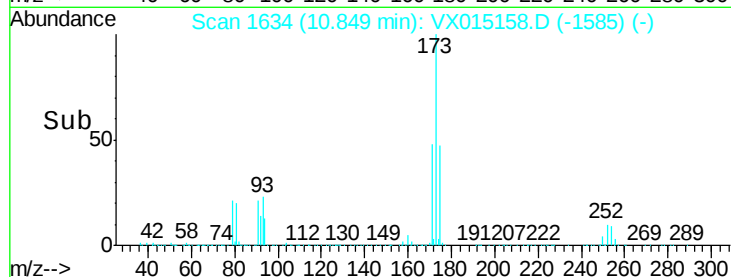
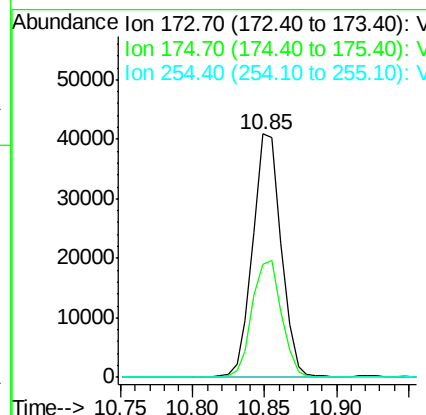
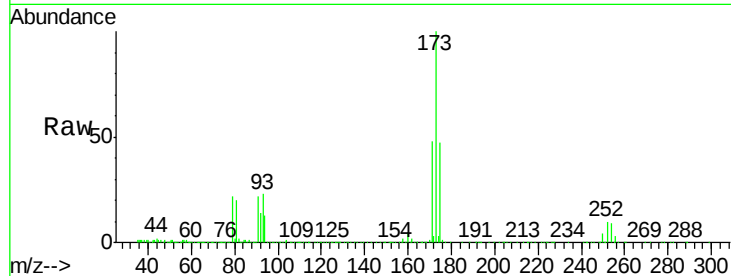
#71
Bromoform
Concen: 19.893 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.9	74.7
254	0.3	0.2	0.2#

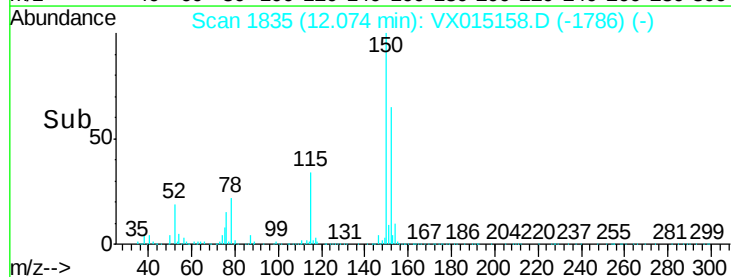
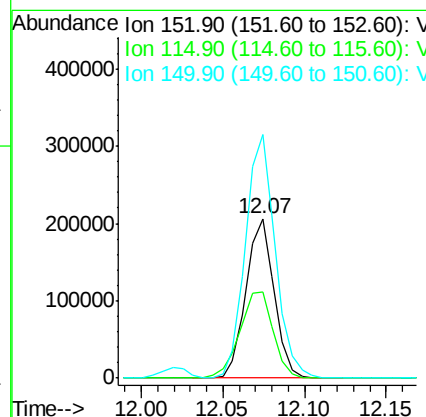
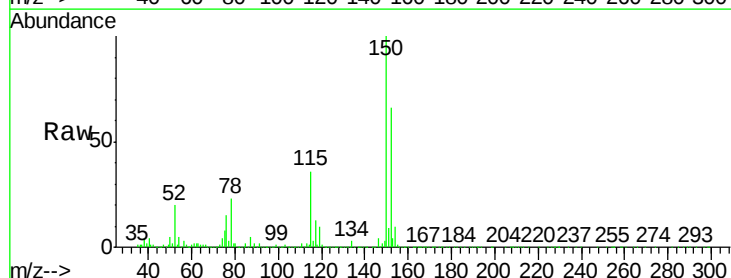
Manual Integrations
APPROVED

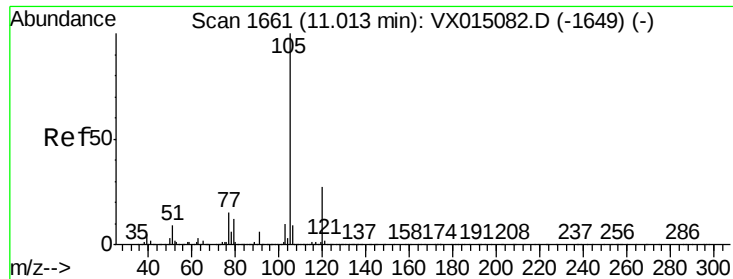
MMDadoda
3/11/2020 3:21:24 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.0	38.2	114.6
150	161.9	0.0	343.8





#73

Isopropylbenzene

Concen: 20.774 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

VX0310WBS01

Tot Ion: 105 Resp: 329550

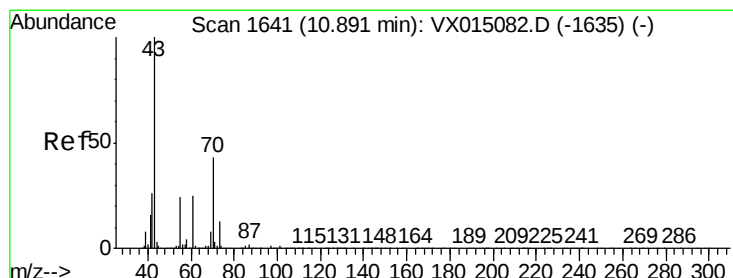
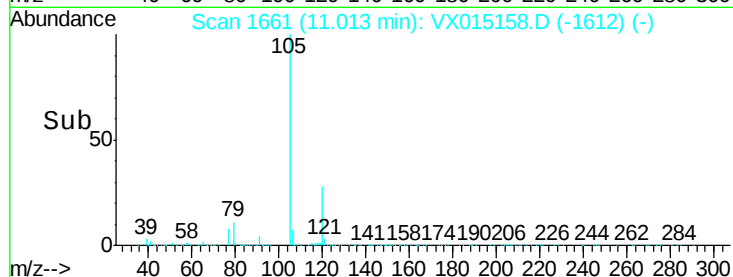
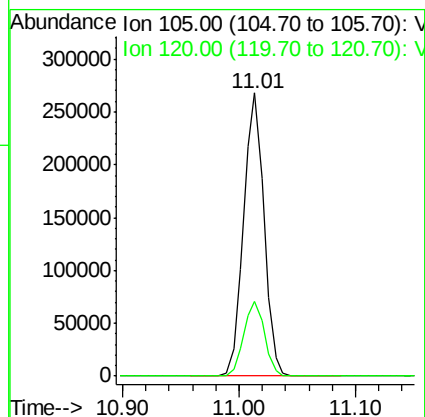
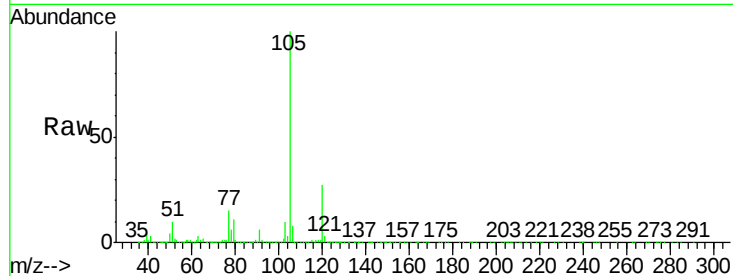
Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5

Manual Integrations
APPROVED

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3/11/2020 3:21:24 PM



#74

N-ethyl acetate

Concen: 19.535 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Tgt Ion: 43 Resp: 130603

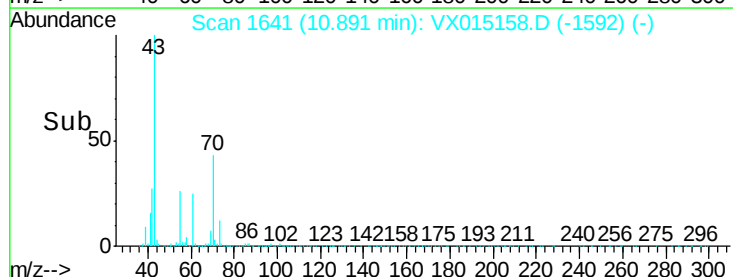
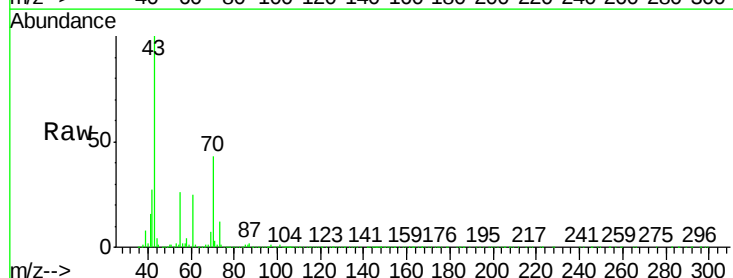
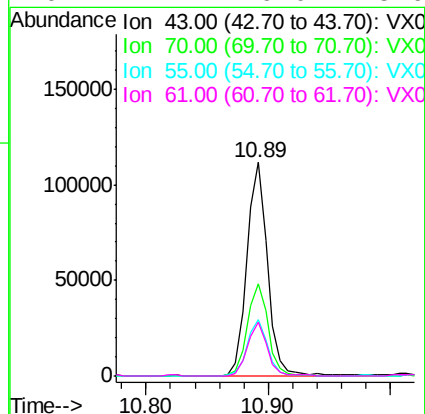
Ion Ratio Lower Upper

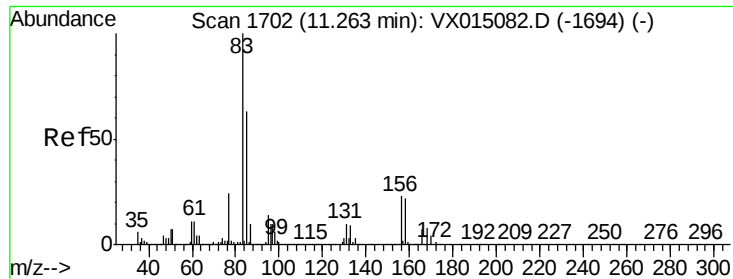
43 100

70 43.8 34.7 52.1

55 25.9 19.4 29.0

61 24.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.279 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

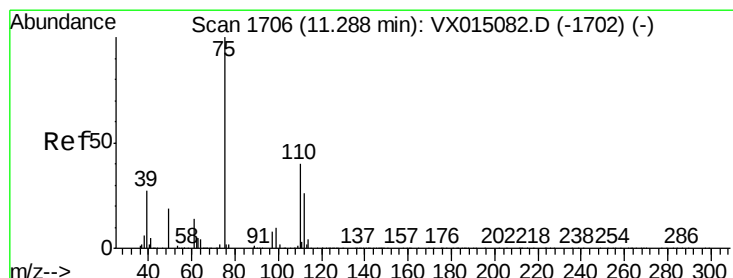
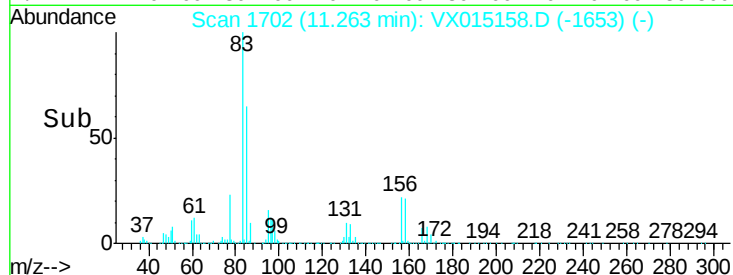
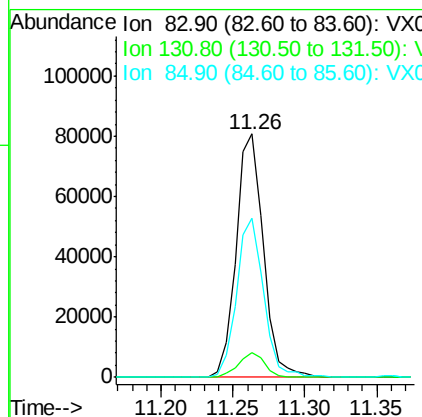
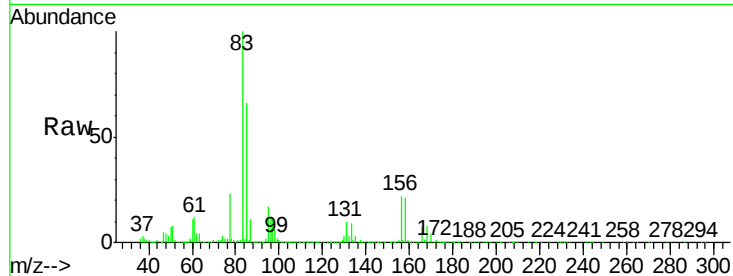
ClientSampled :

VX0310WBS01

Tot Ion:	83	Resp:	107212
Ion Ratio		Lower	Upper
83	100		
131	10.2	5.0	14.9
85	65.1	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.644 ug/l m

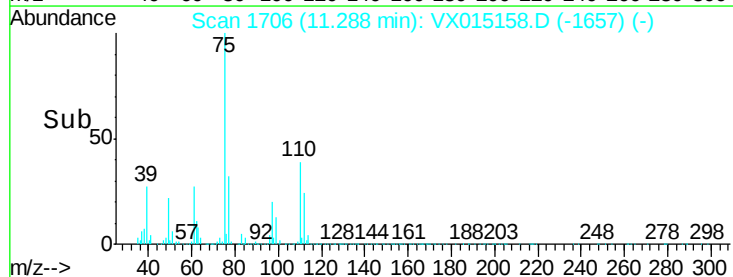
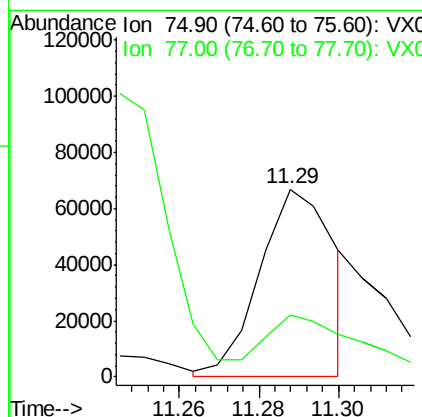
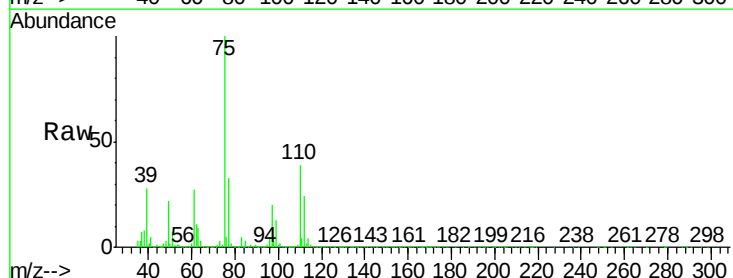
RT: 11.29 min Scan# 1706

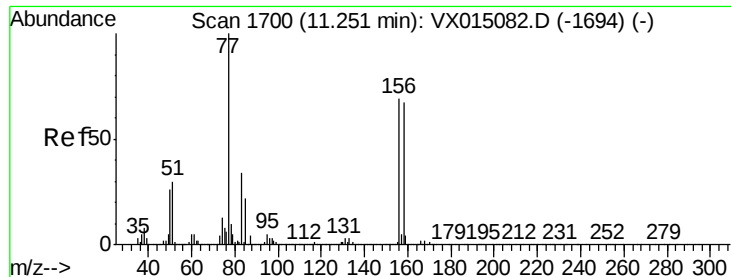
Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Tgt Ion:	75	Resp:	87398
Ion Ratio		Lower	Upper
75	100		
77	43.9	22.6	67.8





#77

Bromobenzene

Concen: 19.811 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

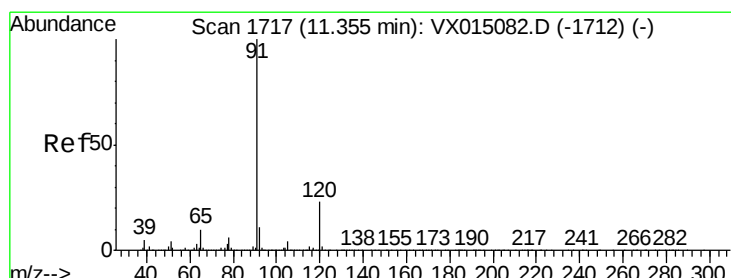
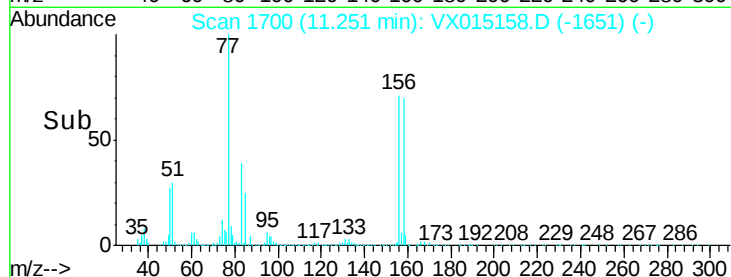
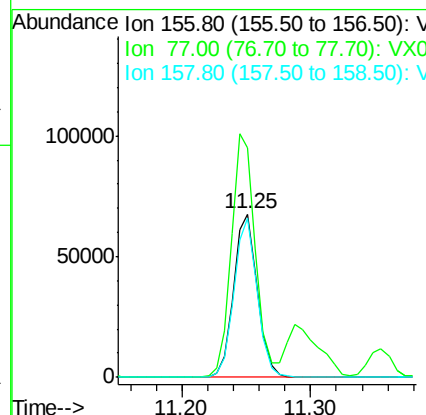
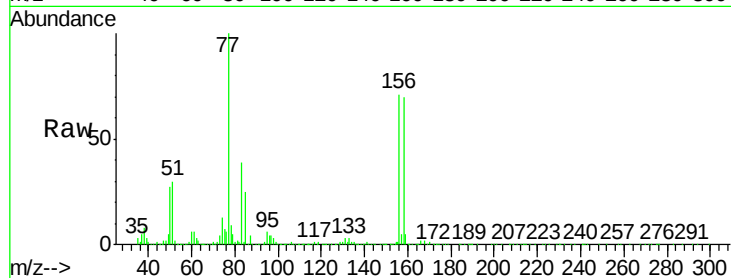
ClientSampled :

VX0310WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	148.7	75.3	225.9
158	95.1	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 20.854 ug/l

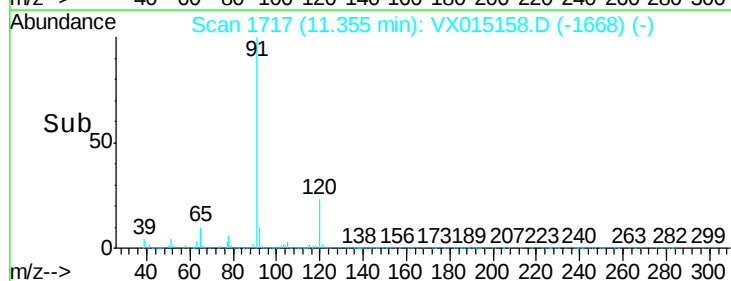
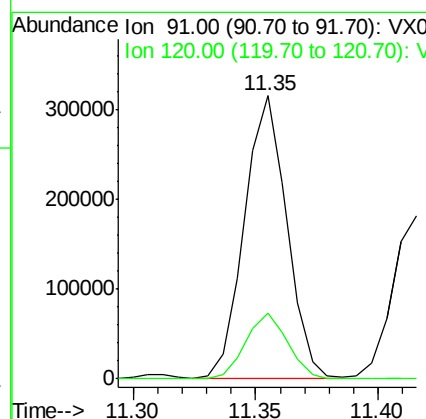
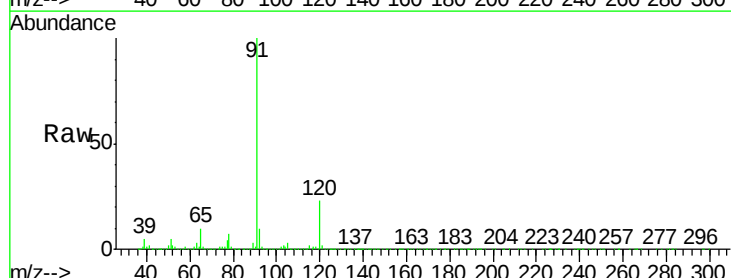
RT: 11.35 min Scan# 1717

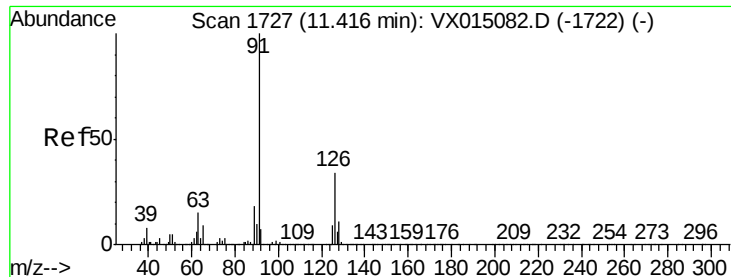
Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.7	35.1





#79

2-Chlorotoluene

Concen: 20.694 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

VX0310WBS01

Tot Ion: 91 Resp: 223979

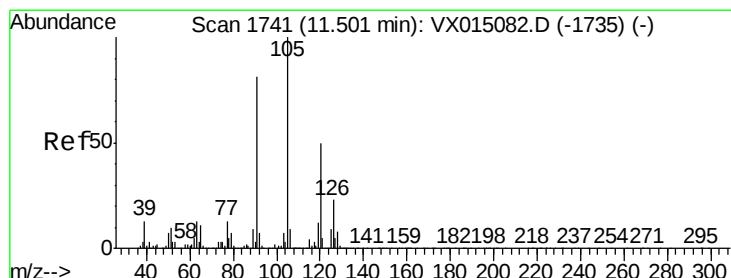
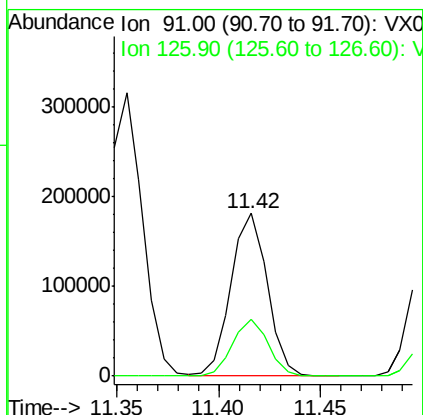
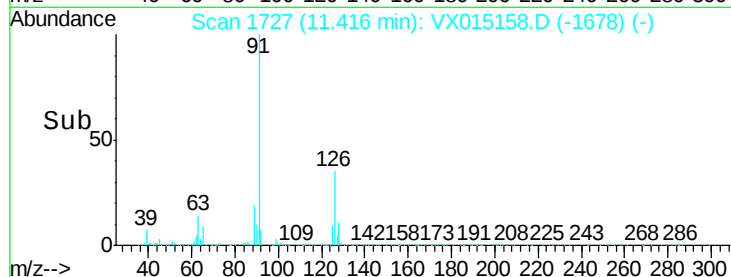
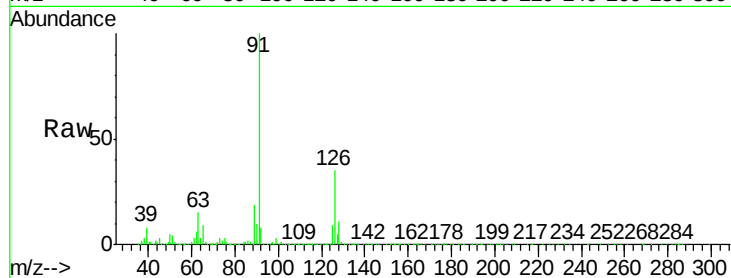
Ion Ratio Lower Upper

91 100

126 34.4 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 20.943 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015158.D

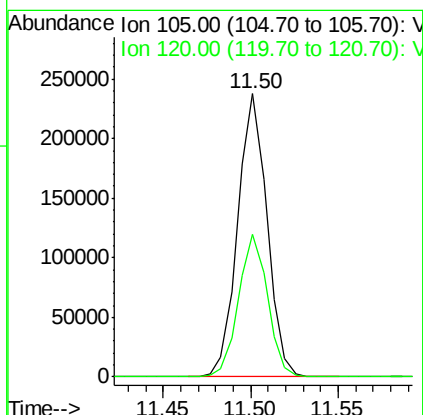
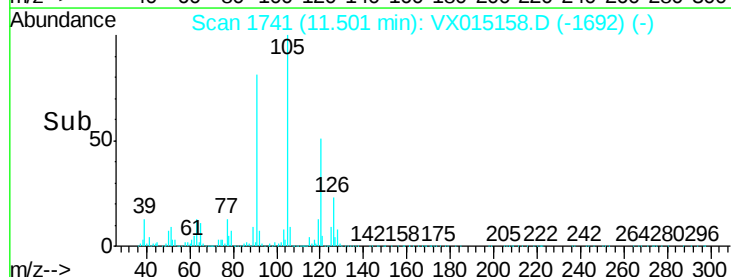
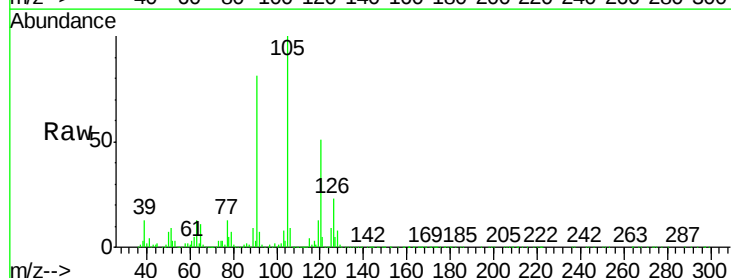
Acq: 10 Mar 2020 10:14

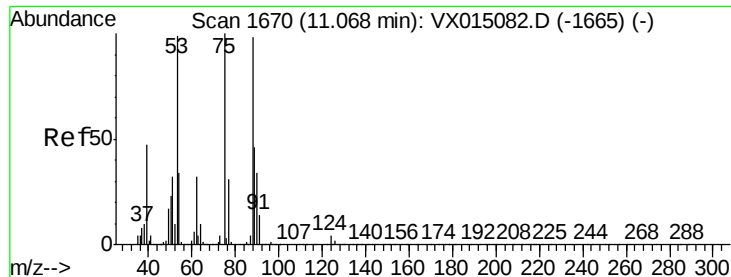
Tgt Ion: 105 Resp: 276573

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.4





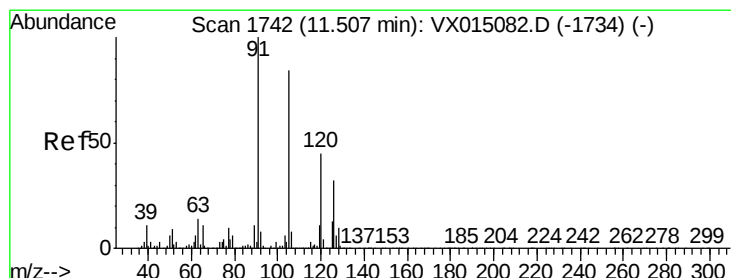
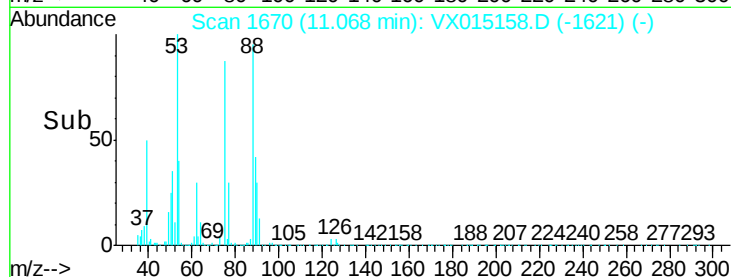
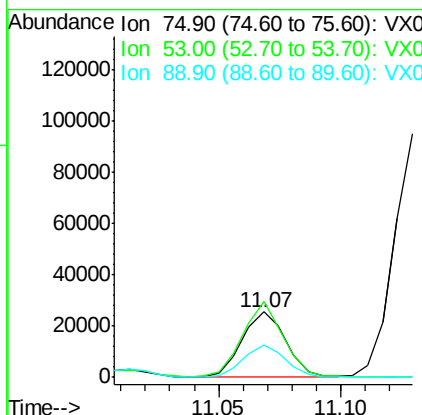
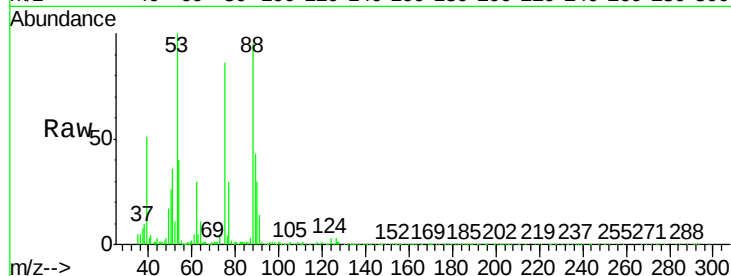
#81
trans-1,4-Dichloro-2-butene
Concen: 17.860 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.4	77.9	116.9
89	49.1	36.2	54.2

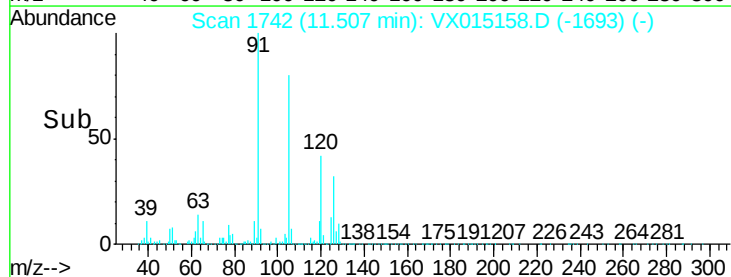
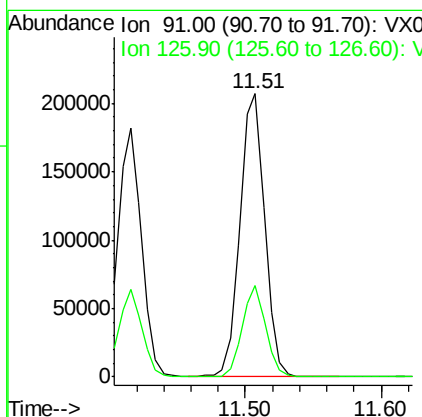
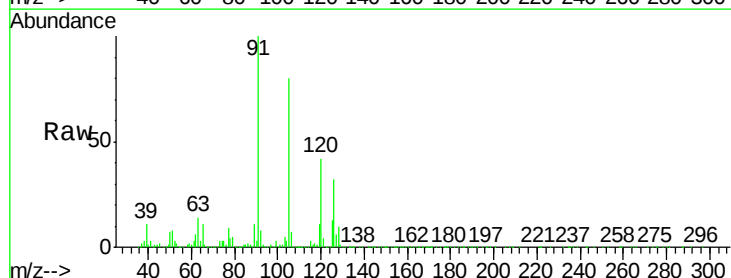
Manual Integrations
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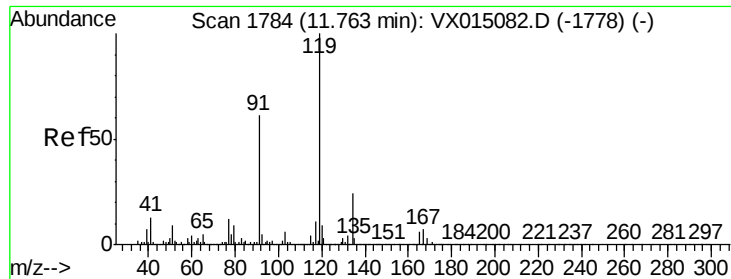
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.410 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.4	46.2





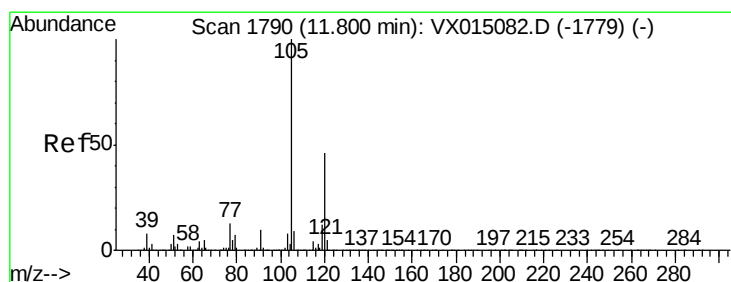
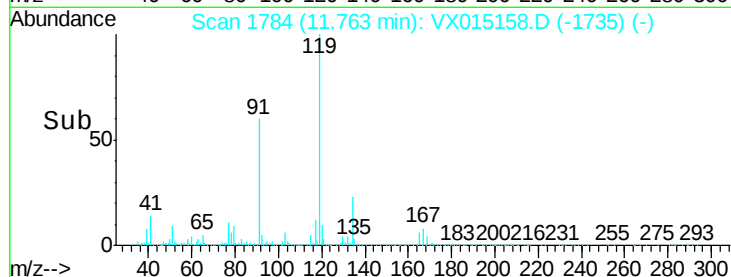
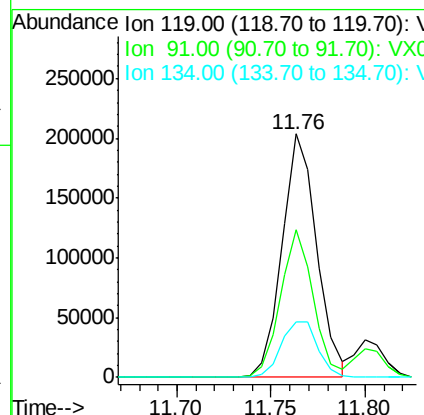
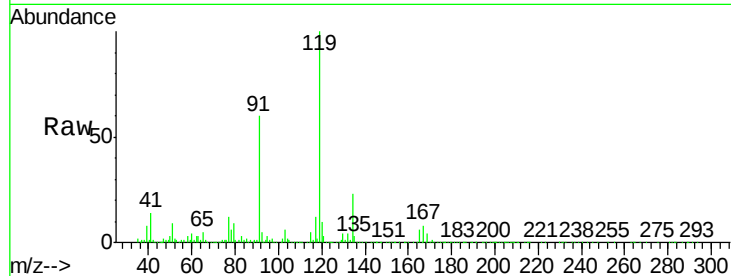
#83
tert-Butylbenzene
Concen: 20.260 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	258699		
91	57.4	28.5	85.6	
134	24.5	11.9	35.7	

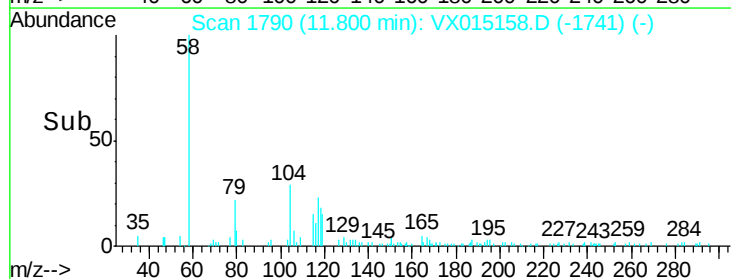
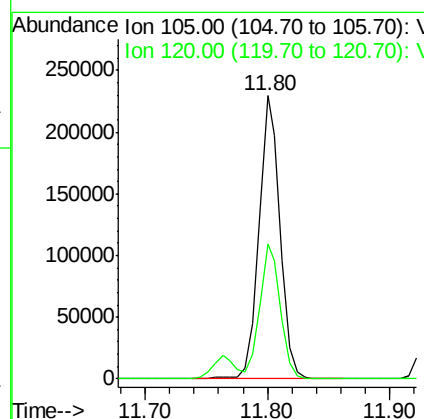
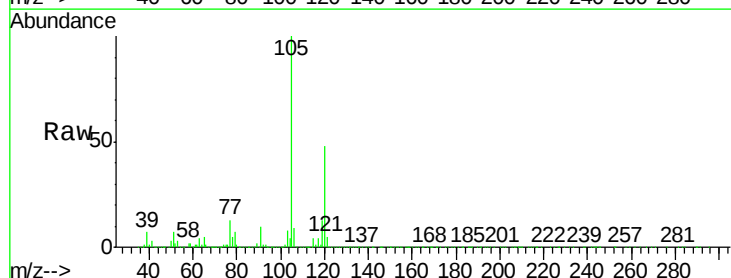
Manual Integrations
APPROVED

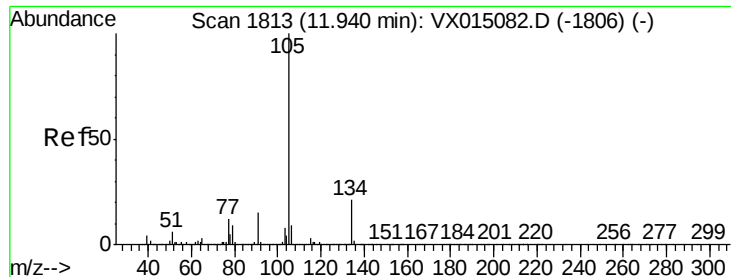
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.767 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	275501		
120	46.3	22.9	68.5	





#85

sec-Butylbenzene

Concen: 20.833 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Instrument :

MSVOA_X

ClientSampleId :

VX0310WBS01

Tot Ion:105 Resp: 321126

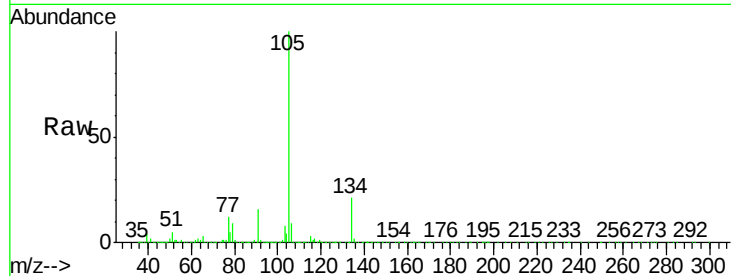
Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.2

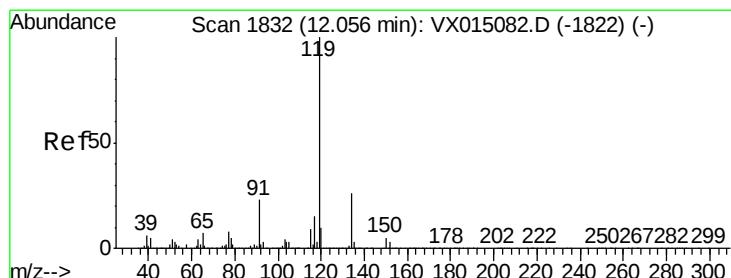
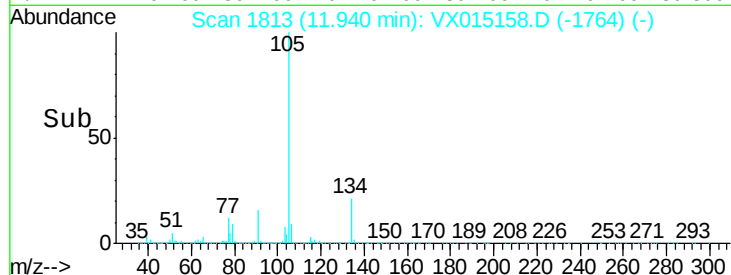
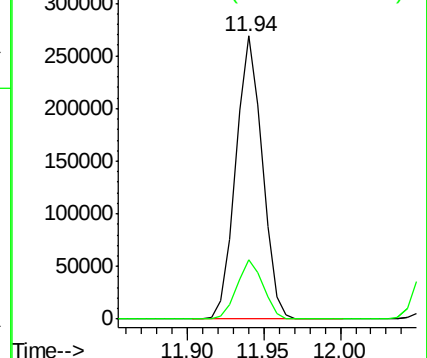
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.842 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

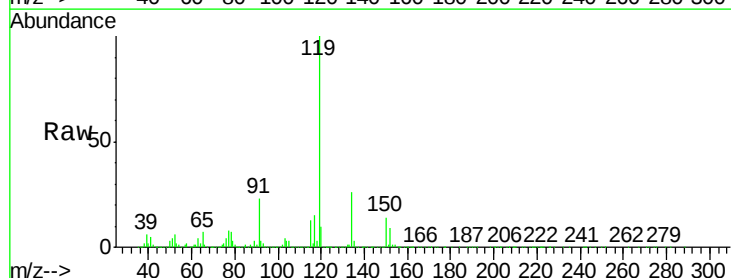
Tgt Ion:119 Resp: 295987

Ion Ratio Lower Upper

119 100

134 27.4 13.4 40.1

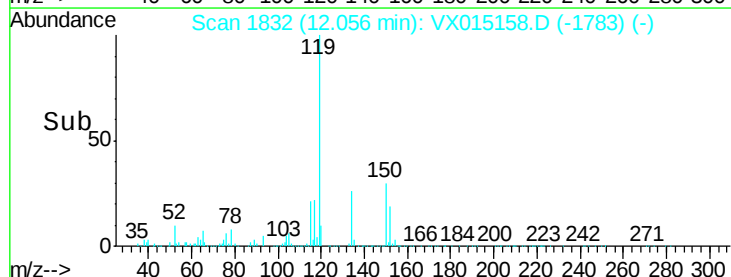
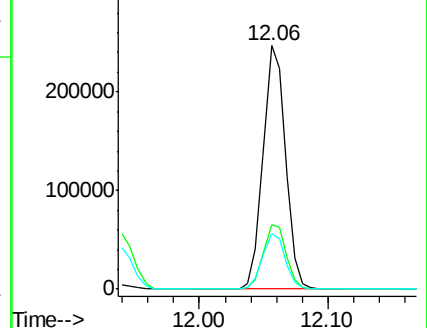
91 22.9 11.3 33.8

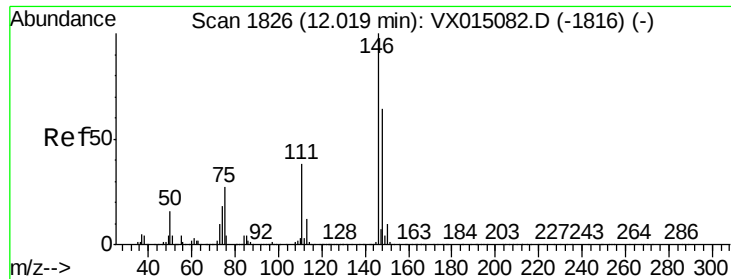


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.992 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

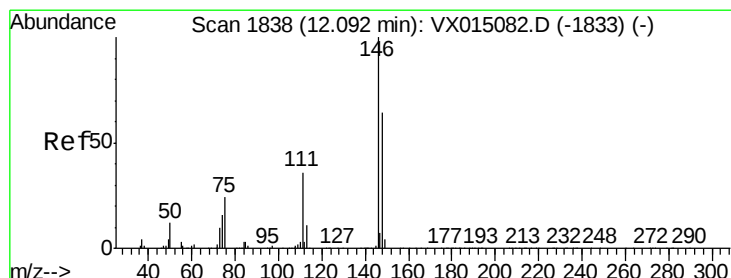
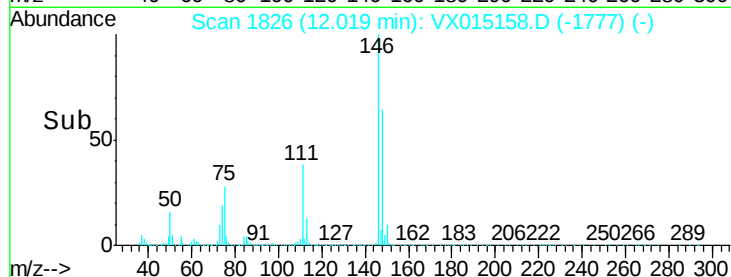
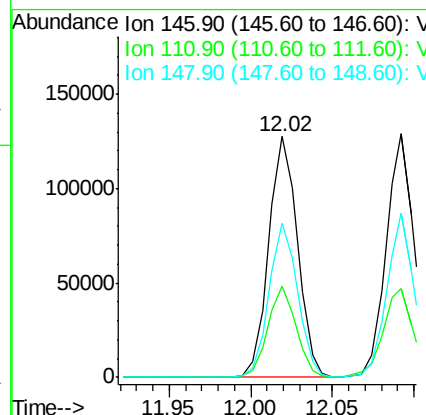
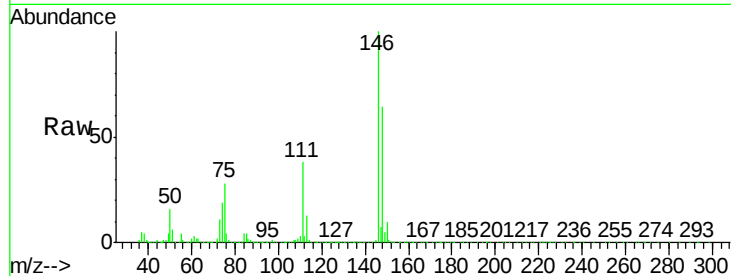
Instrument :
MSVOA_X

ClientSampleId :
VX0310WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	19.1	57.1
148	63.7	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.081 ug/l

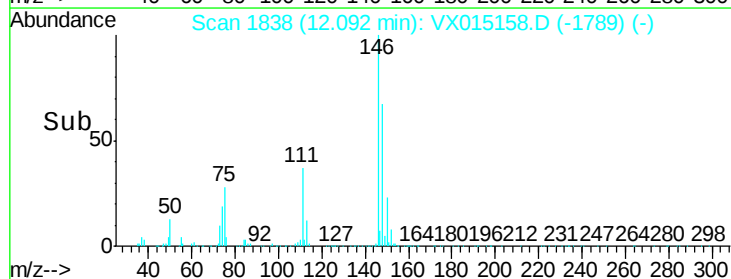
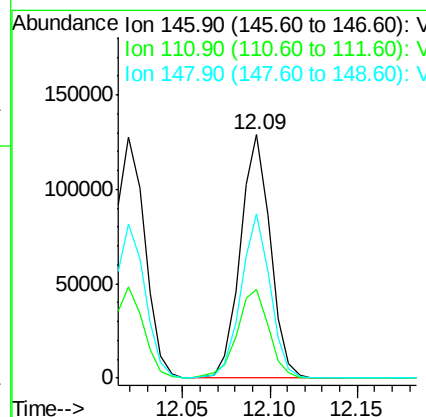
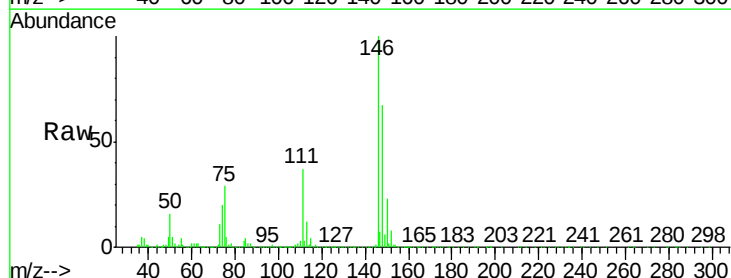
RT: 12.09 min Scan# 1838

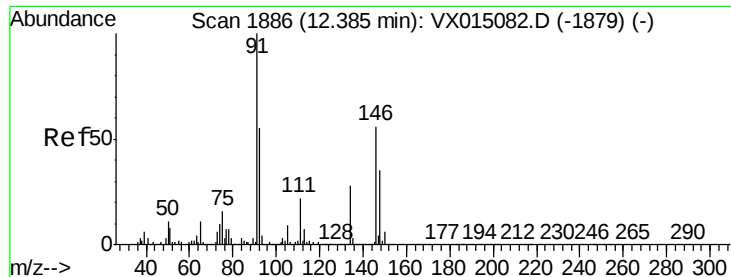
Delta R.T. 0.00 min

Lab File: VX015158.D

Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.7	56.1
148	65.1	32.5	97.4





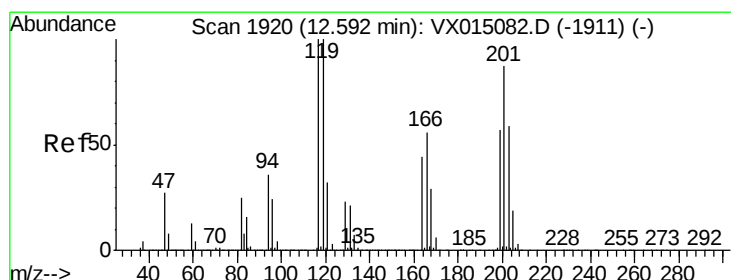
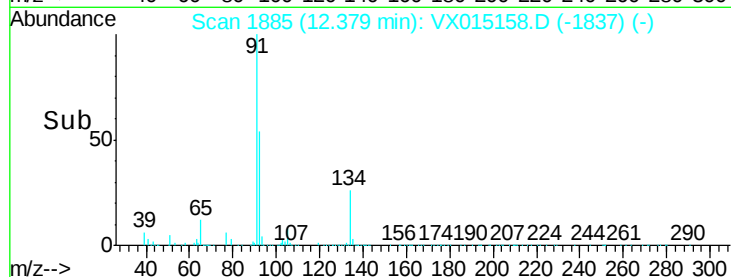
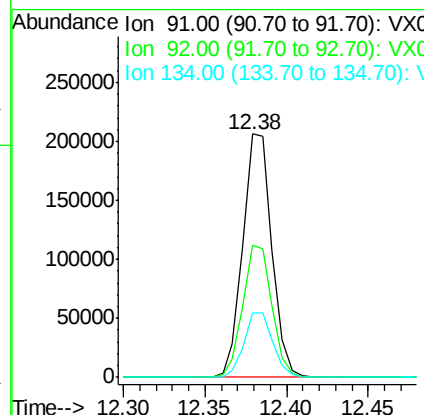
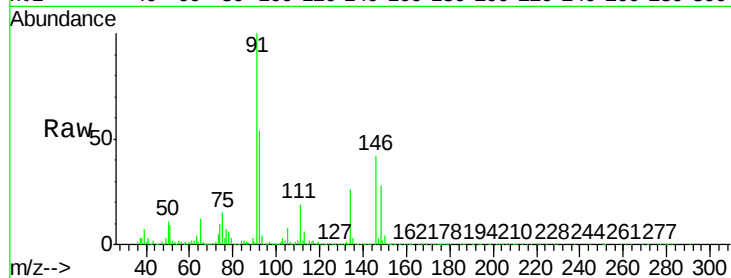
#89
n-Butylbenzene
Concen: 20.238 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	255629		
92	54.2		27.2	81.6
134	26.5		13.5	40.5

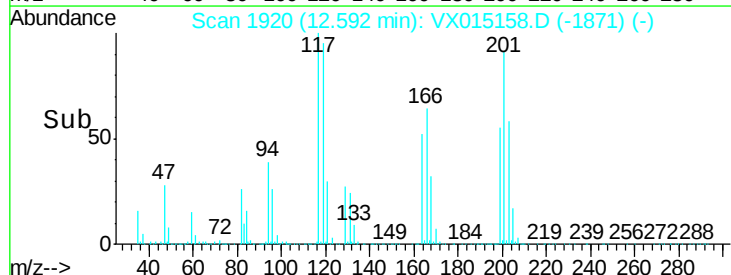
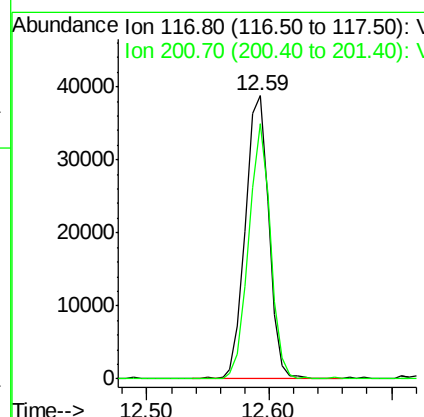
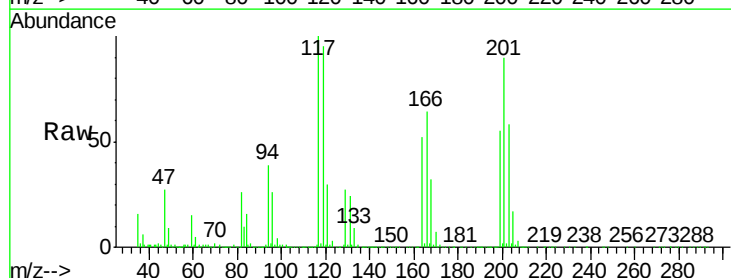
Manual Integrations
APPROVED

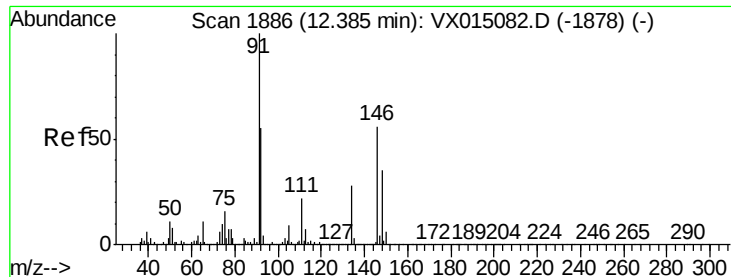
MMDadoda
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#90
Hexachloroethane
Concen: 19.088 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	51249		
201	84.4		43.5	130.7





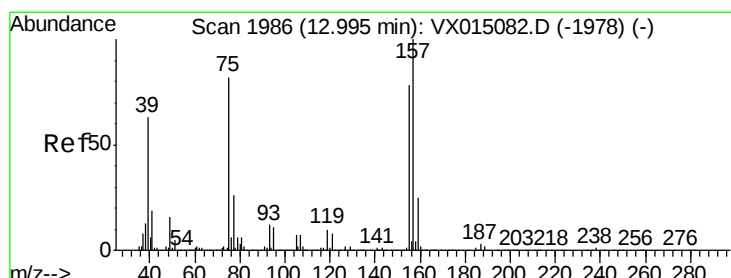
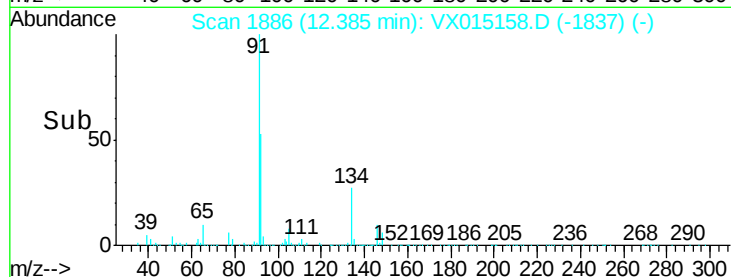
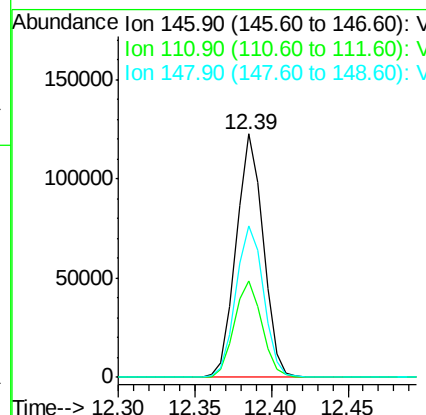
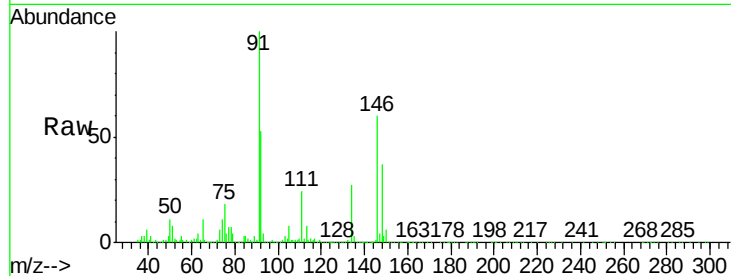
#91
 1,2-Dichlorobenzene
 Concen: 19.486 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0310WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	150563		
111	40.5	19.9	59.7	
148	63.9	32.3	96.8	

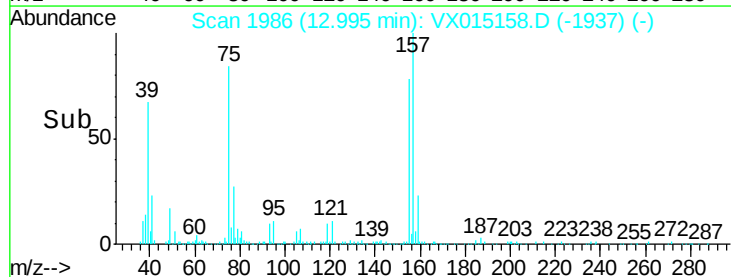
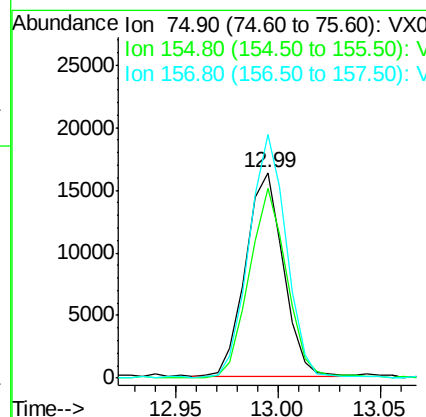
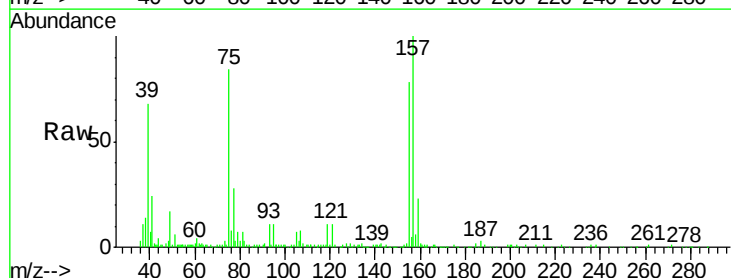
Manual Integrations
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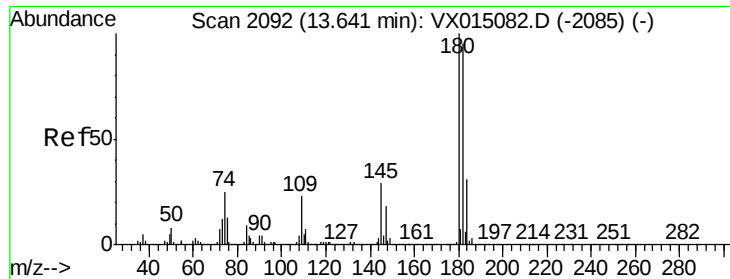
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.723 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20880		
155	93.8	46.6	139.7	
157	117.5	59.2	177.5	





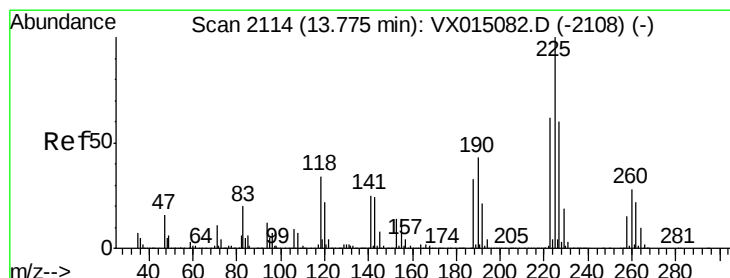
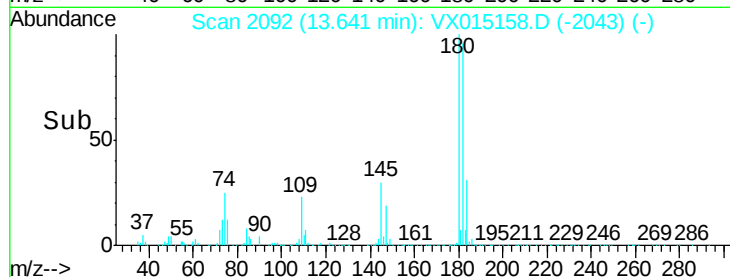
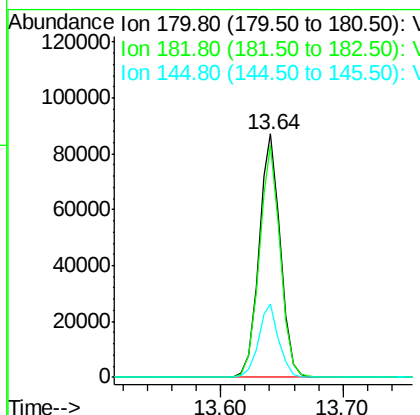
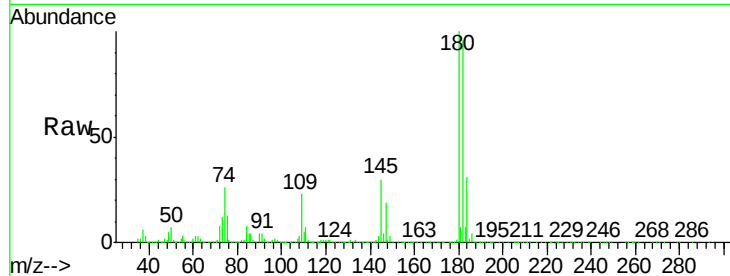
#93
 1,2,4-Trichlorobenzene
 Concen: 19.737 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0310WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	105857		
182	93.9	47.6	142.8	
145	29.0	14.1	42.2	

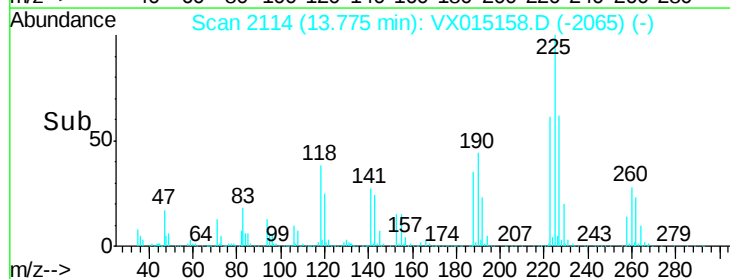
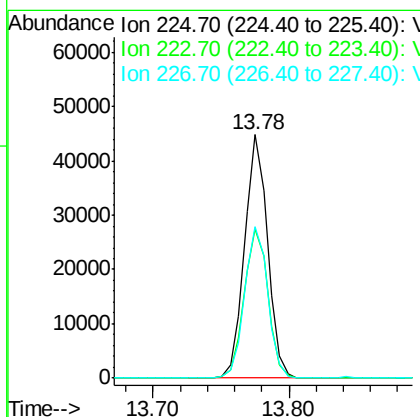
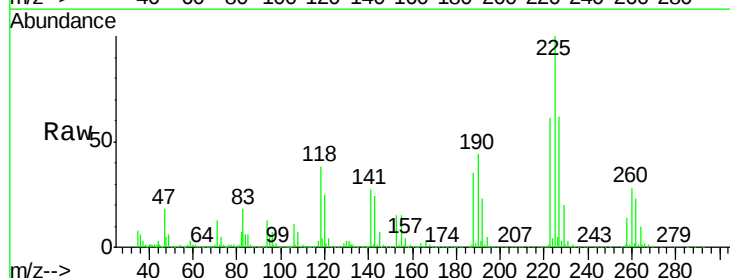
Manual Integrations
 APPROVED

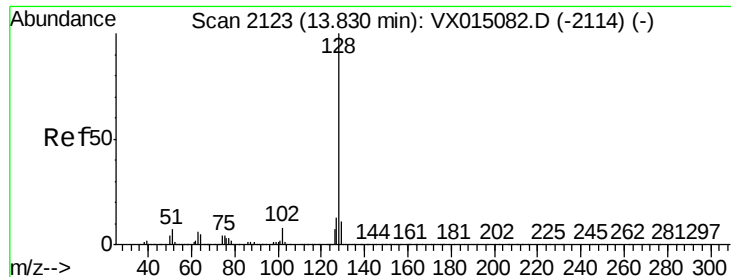
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#94
 Hexachlorobutadiene
 Concen: 19.213 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015158.D
 Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	52880		
223	63.1	31.3	93.9	
227	63.0	31.1	93.2	





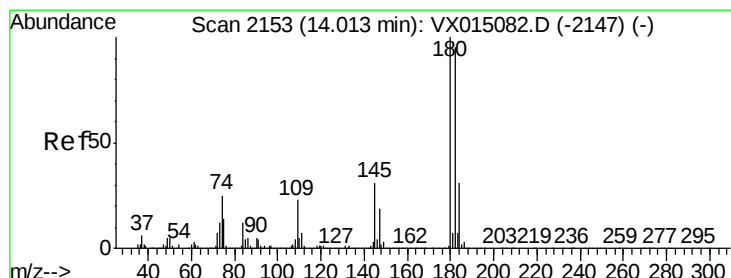
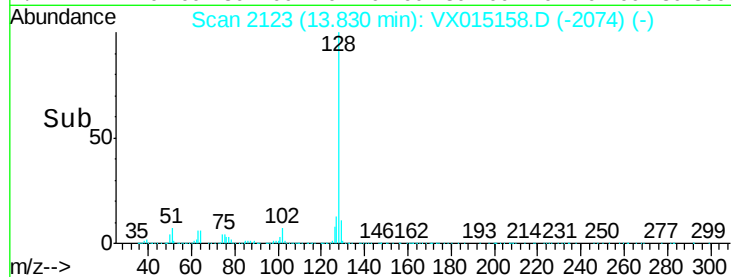
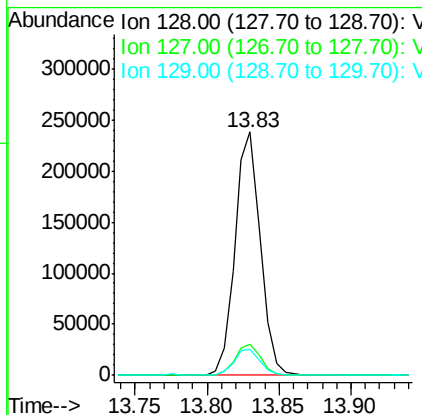
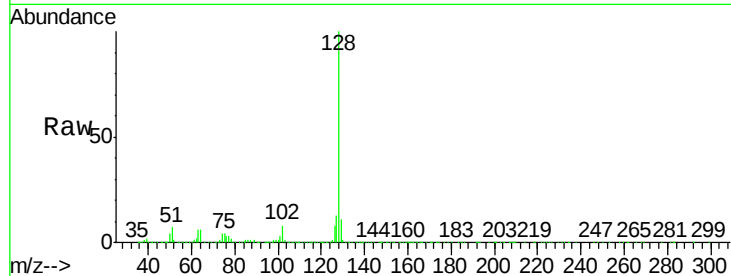
#95
Naphthalene
Concen: 18.754 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Instrument :
MSVOA_X
ClientSampleId :
VX0310WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 19.875 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015158.D
Acq: 10 Mar 2020 10:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	47.8	143.4
145	30.4	15.1	45.3

