

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030420\
 Data File : VX015082.D
 Acq On : 04 Mar 2020 09:47
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 3/5/2020 12:32:30 PM

Quant Time: Mar 04 13:46:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 13:12:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	395284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	604260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	561153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	290818	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	226845	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
35) Dibromofluoromethane	5.49	113	186147	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
50) Toluene-d8	8.71	98	723365	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.13	95	254232	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	167650	48.434	ug/l	100
3) Chloromethane	1.32	50	228679	46.639	ug/l	100
4) Vinyl Chloride	1.40	62	238192	47.909	ug/l	100
5) Bromomethane	1.64	94	145643	47.649	ug/l	100
6) Chloroethane	1.72	64	144728	48.527	ug/l	100
7) Trichlorofluoromethane	1.92	101	288492	48.766	ug/l	100
8) Diethyl Ether	2.18	74	132483	48.925	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	182817	49.118	ug/l	100
10) Methyl Iodide	2.50	142	226809	53.937	ug/l	100
11) Tert butyl alcohol	3.04	59	197493	242.730	ug/l	100
12) 1,1-Dichloroethene	2.37	96	184218	47.957	ug/l	100
13) Acrolein	2.28	56	184215	240.923	ug/l	100
14) Allyl chloride	2.72	41	330964	49.414	ug/l	100
15) Acrylonitrile	3.13	53	508233	250.822	ug/l	100
16) Acetone	2.44	43	463562	244.086	ug/l	100
17) Carbon Disulfide	2.56	76	518658	48.620	ug/l	100
18) Methyl Acetate	2.76	43	219475	47.262	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	604433	50.354	ug/l	100
20) Methylene Chloride	2.85	84	205496	46.235	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	199561	48.654	ug/l	100
22) Diisopropyl ether	3.84	45	675202	50.599	ug/l	100
23) Vinyl Acetate	3.81	43	2872057	261.830	ug/l	100
24) 1,1-Dichloroethane	3.69	63	363433	49.072	ug/l	100
25) 2-Butanone	4.66	43	715359	257.287	ug/l	100
26) 2,2-Dichloropropane	4.58	77	289756	49.283	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	228441	49.645	ug/l	100
28) Bromochloromethane	5.01	49	169968	50.398	ug/l	100
29) Tetrahydrofuran	5.12	42	449197	250.630	ug/l	100
30) Chloroform	5.20	83	353628	48.989	ug/l	100
31) Cyclohexane	5.58	56	328836	49.778	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	299303	50.019	ug/l	100
36) 1,1-Dichloropropene	5.79	75	272450	48.740	ug/l	100
37) Ethyl Acetate	4.82	43	277562	53.540	ug/l	100
38) Carbon Tetrachloride	5.78	117	261280	49.518	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	329246	50.446	ug/l	100
40) Benzene	6.14	78	826360	49.830	ug/l	100
41) Methacrylonitrile	5.03	41	155065	53.934	ug/l	100
42) 1,2-Dichloroethane	6.18	62	284278	49.918	ug/l	100
43) Isopropyl Acetate	6.43	43	463890	50.859	ug/l	100
44) Trichloroethene	7.21	130	227745	49.311	ug/l	100
45) 1,2-Dichloropropane	7.51	63	214322	49.931	ug/l	100
46) Dibromomethane	7.65	93	137159	49.037	ug/l	100
47) Bromodichloromethane	7.89	83	278456	50.345	ug/l	100
48) Methyl methacrylate	7.76	41	231582	49.881	ug/l	100
49) 1,4-Dioxane	7.75	88	97401	972.643	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1402393	260.061	ug/l	100
52) Toluene	8.78	92	517201	51.010	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	309715	52.271	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	342226	51.423	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	208280	49.905	ug/l	100
56) Ethyl methacrylate	9.17	69	317486	53.340	ug/l	100
57) 1,3-Dichloropropane	9.37	76	351035	49.996	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	831881	256.526	ug/l	100
59) 2-Hexanone	9.48	43	1063828	266.178	ug/l	100
60) Dibromochloromethane	9.57	129	222512	50.754	ug/l	100
61) 1,2-Dibromoethane	9.67	107	215499	49.159	ug/l	100
64) Tetrachloroethene	9.33	164	226712	48.864	ug/l	100
65) Chlorobenzene	10.14	112	553675	49.146	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	207391	48.820	ug/l	100
67) Ethyl Benzene	10.25	91	973800	50.902	ug/l	100
68) m/p-Xylenes	10.35	106	746479	102.558	ug/l	100
69) o-Xylene	10.70	106	356163	51.108	ug/l	100
70) Styrene	10.71	104	618184	51.736	ug/l	100
71) Bromoform	10.85	173	168441	51.132	ug/l	100
73) Isopropylbenzene	11.01	105	963782	51.878	ug/l	100
74) N-amyl acetate	10.89	43	407691	52.073	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	299501	48.375	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	289408m	50.708	ug/l	
77) Bromobenzene	11.25	156	249070	48.108	ug/l	100
78) n-propylbenzene	11.35	91	1103843	52.008	ug/l	100
79) 2-Chlorotoluene	11.42	91	633836	50.007	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	797079	51.540	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	103917	50.840	ug/l	100
82) 4-Chlorotoluene	11.51	91	748144	49.960	ug/l	100
83) tert-Butylbenzene	11.76	119	763088	51.030	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	800927	51.552	ug/l	100
85) sec-Butylbenzene	11.94	105	932113	51.636	ug/l	100
86) p-Isopropyltoluene	12.06	119	869948	52.308	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	445319	48.928	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	444220	48.350	ug/l	100
89) n-Butylbenzene	12.39	91	779283	52.683	ug/l	100
90) Hexachloroethane	12.59	117	153541	48.833	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	434036	47.966	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	63421	51.156	ug/l	100

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VSTDICCC050

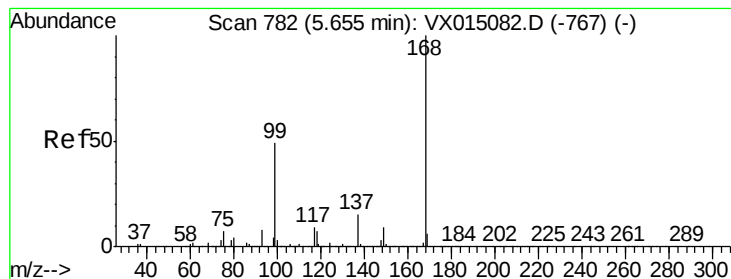
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	316590	50.403	ug/l	100
94) Hexachlorobutadiene	13.78	225	156588	48.582	ug/l	100
95) Naphthalene	13.83	128	932228	54.298	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	320010	51.063	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 395284

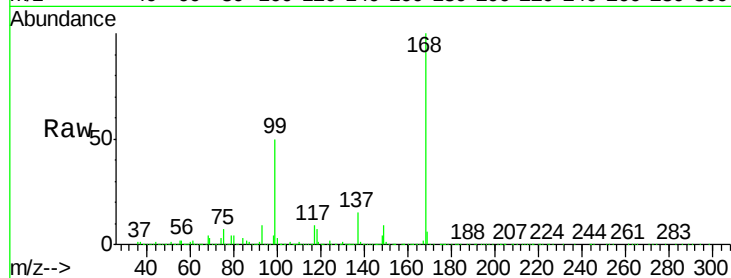
Ion Ratio Lower Upper

168 100

99 49.3 39.4 59.2

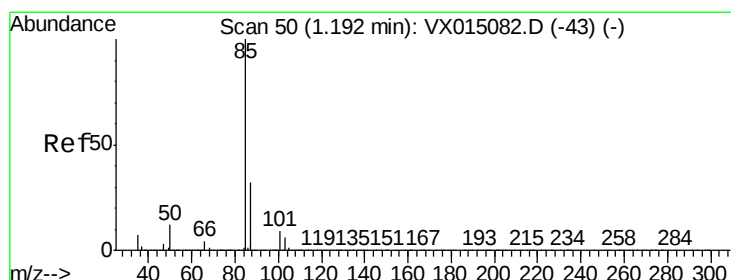
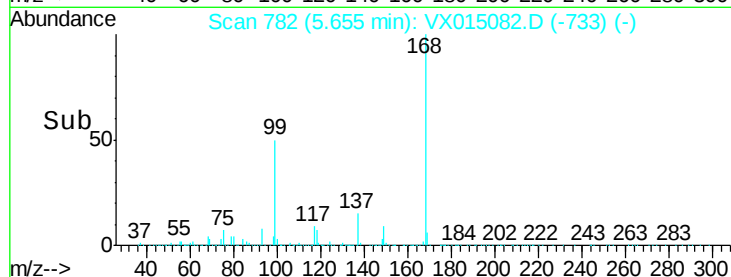
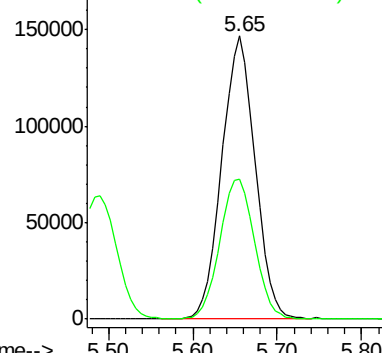
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.434 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015082.D

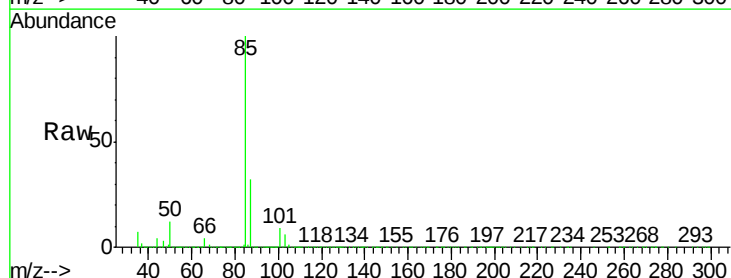
Acq: 04 Mar 2020 09:47

Tgt Ion: 85 Resp: 167650

Ion Ratio Lower Upper

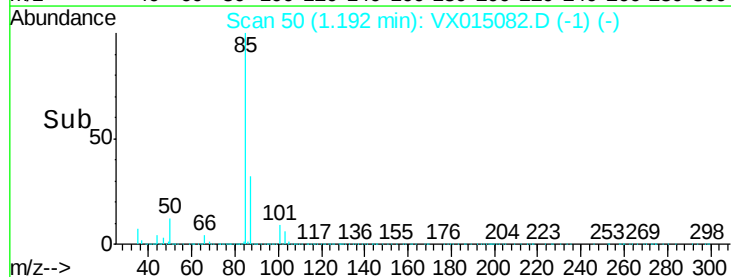
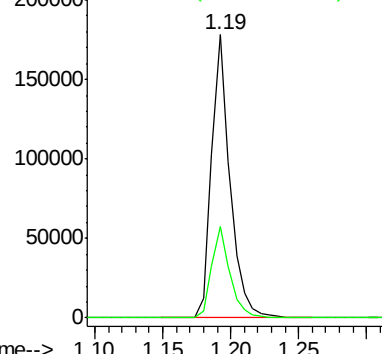
85 100

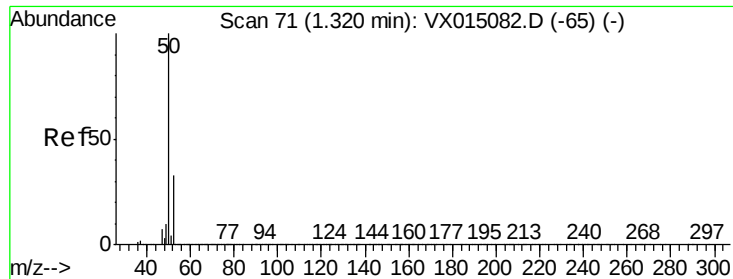
87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.639 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 50 Resp: 228679

Ion Ratio Lower Upper

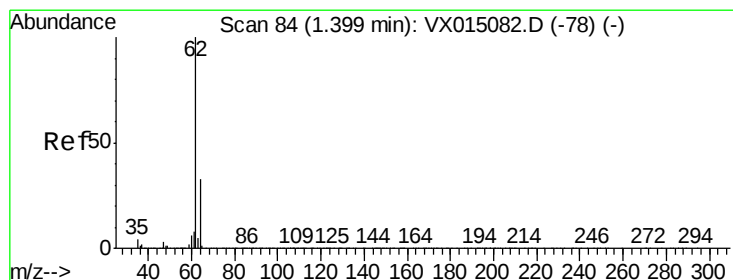
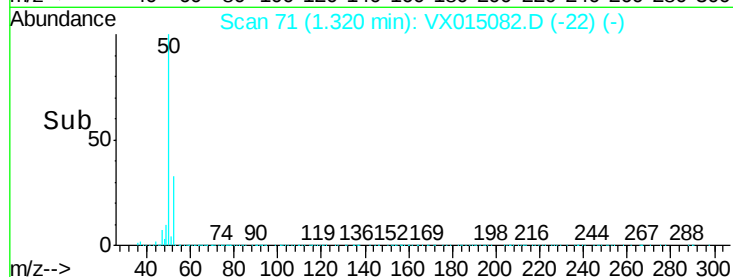
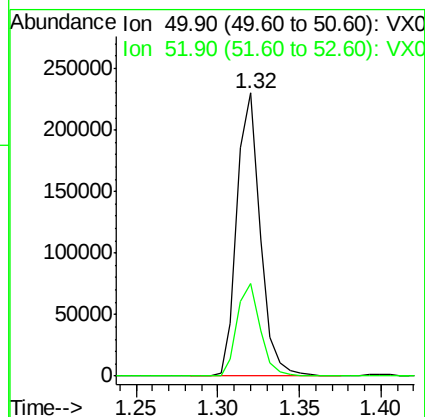
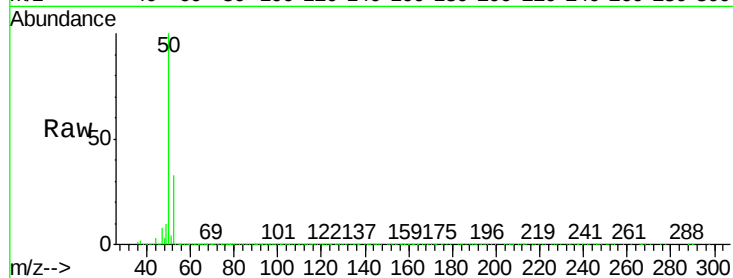
50 100

52 32.7 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 47.909 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015082.D

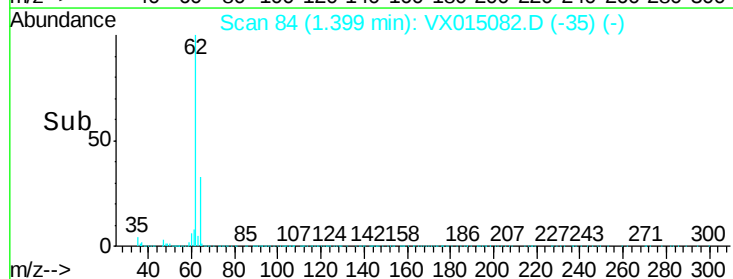
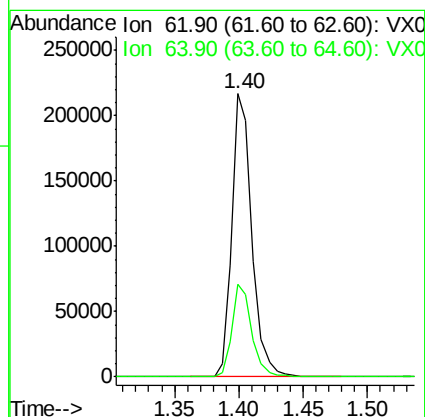
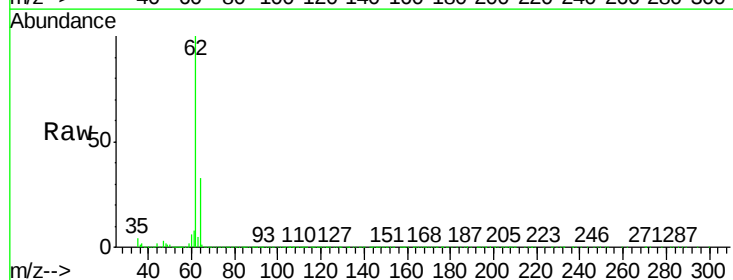
Acq: 04 Mar 2020 09:47

Tgt Ion: 62 Resp: 238192

Ion Ratio Lower Upper

62 100

64 32.6 26.1 39.1





#5

Bromomethane

Concen: 47.649 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 145643

Ion Ratio Lower Upper

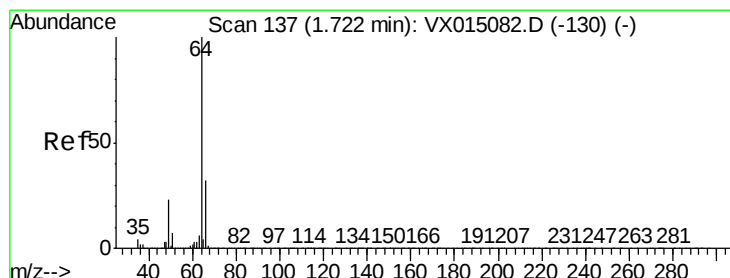
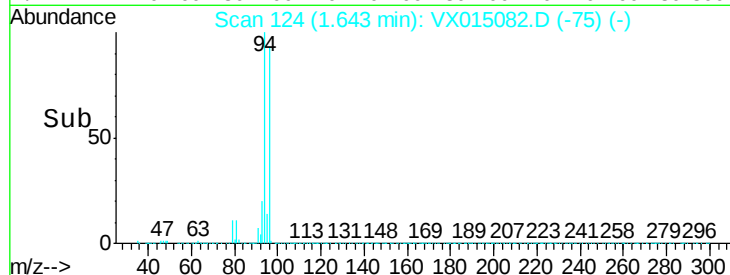
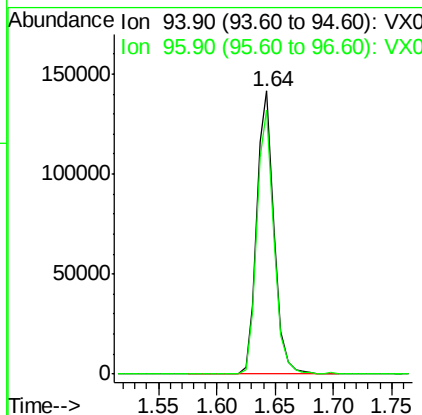
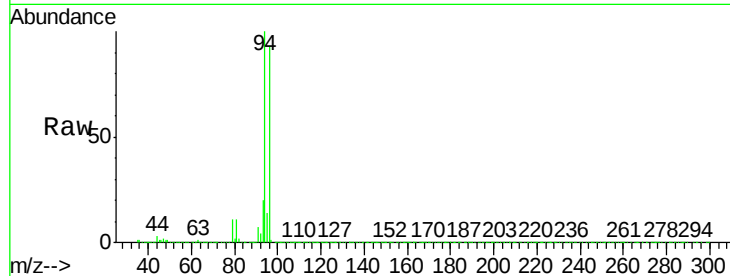
94 100

96 93.2 74.6 111.8

Manual Integrations
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3/5/2020 12:32:30 PM



#6

Chloroethane

Concen: 48.527 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015082.D

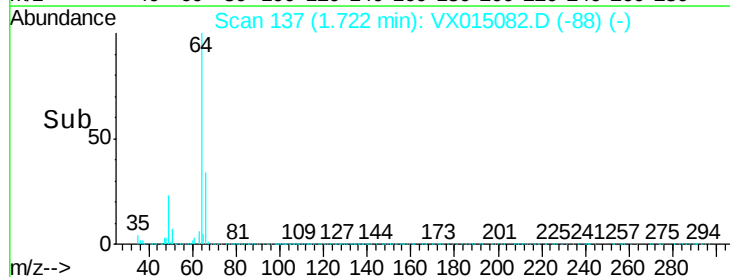
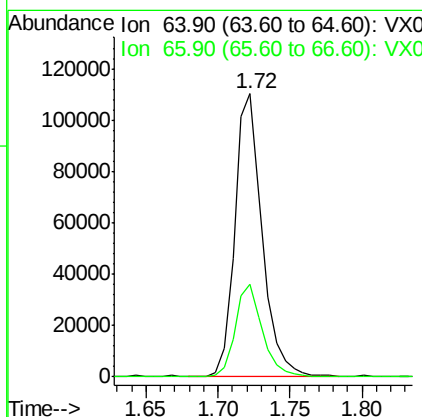
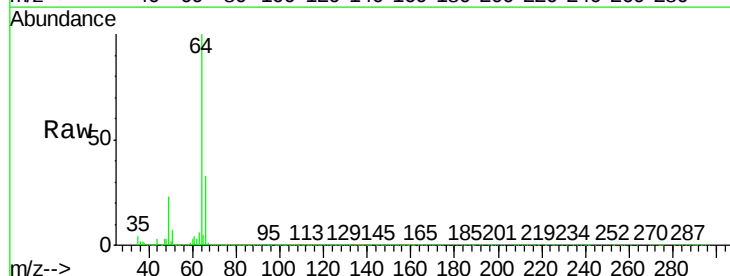
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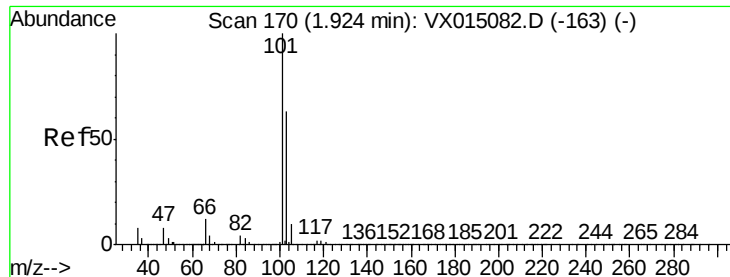
Tgt Ion: 64 Resp: 144728

Ion Ratio Lower Upper

64 100

66 32.3 25.8 38.8





#7

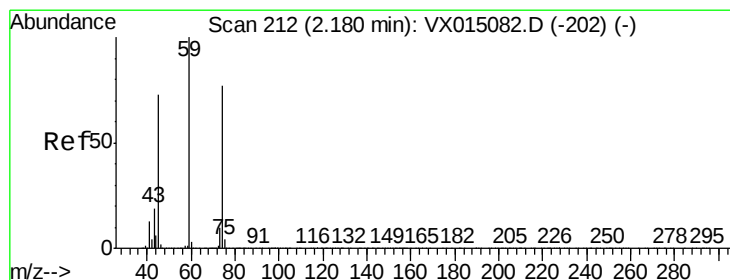
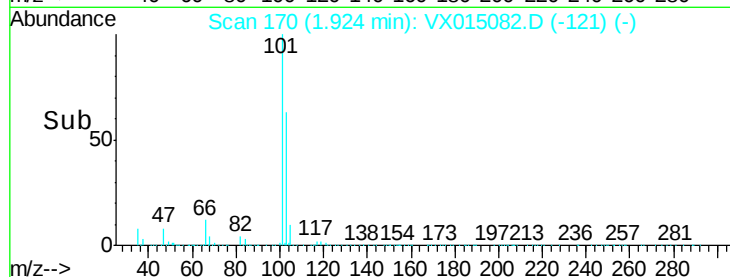
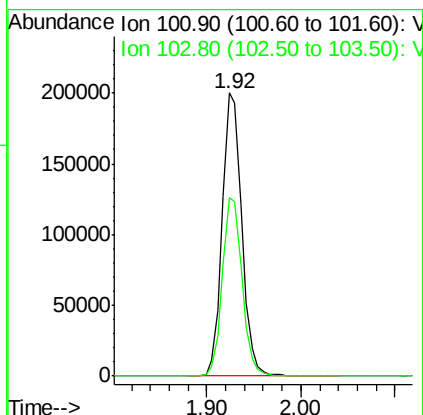
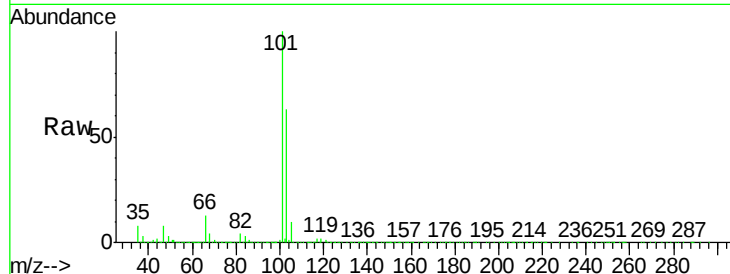
Trichlorofluoromethane
Concen: 48.766 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

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VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
288492	101	100		
	103	63.0	50.4	75.6

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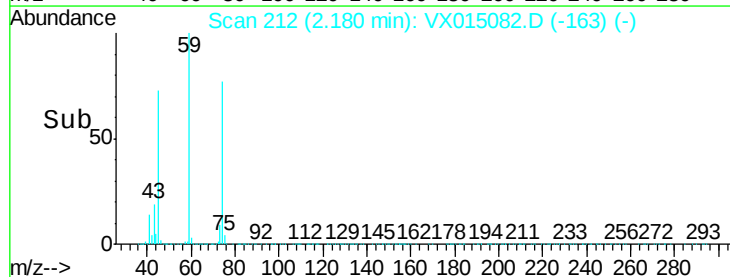
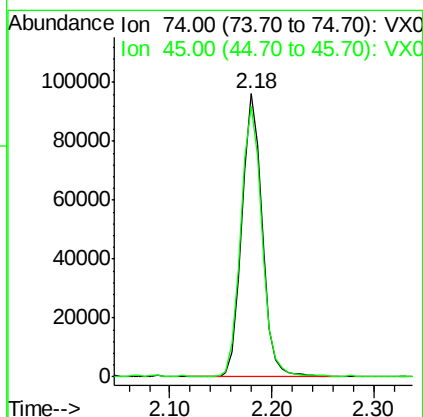
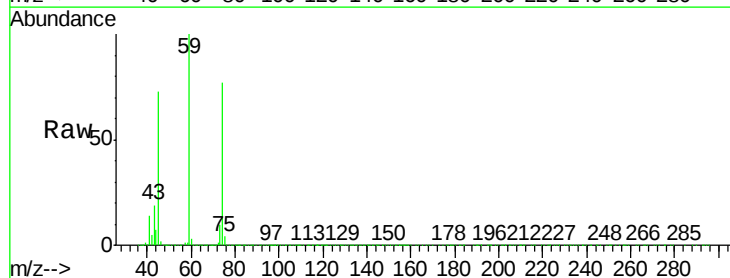
MMDadoda
3/5/2020 12:32:30 PM

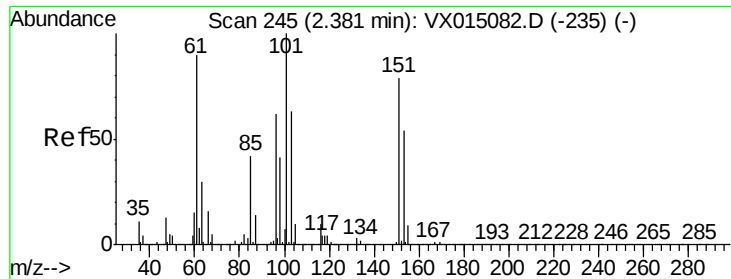


#8

Diethyl Ether
Concen: 48.925 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion	Ion	Ratio	Lower	Upper
132483	74	100		
	45	98.4	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.118 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

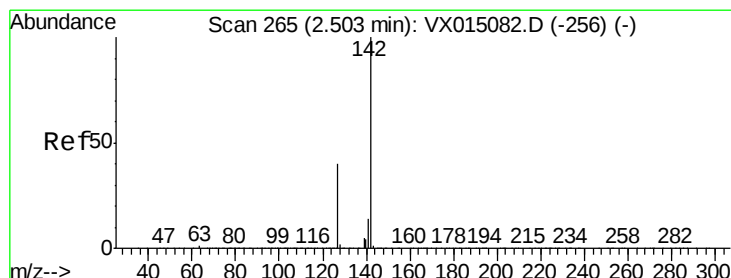
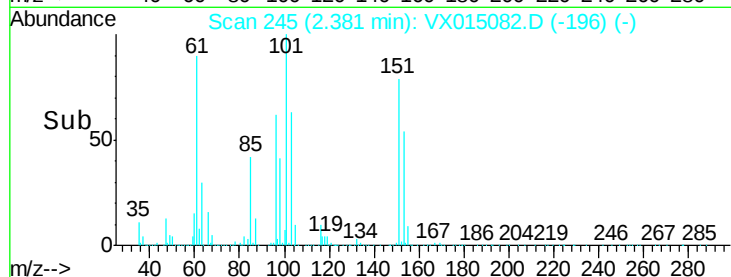
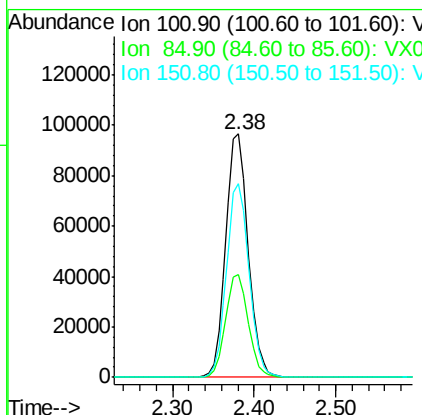
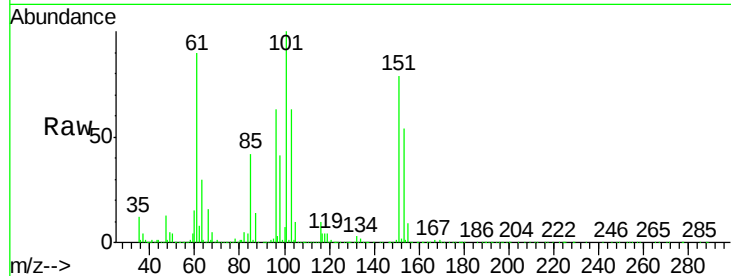
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	182817
Ion Ratio	Lower	Upper	
101	100		
85	42.1	33.7	50.5
151	80.0	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 53.937 ug/l

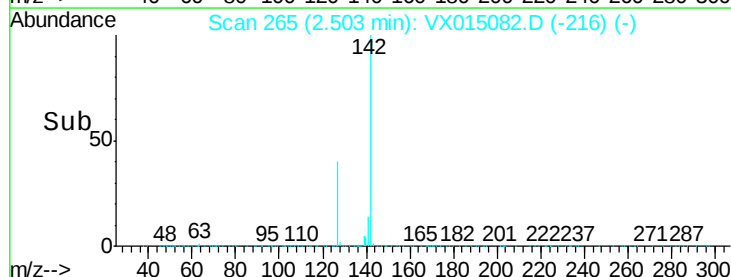
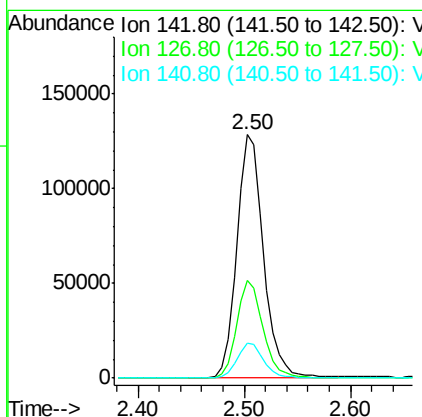
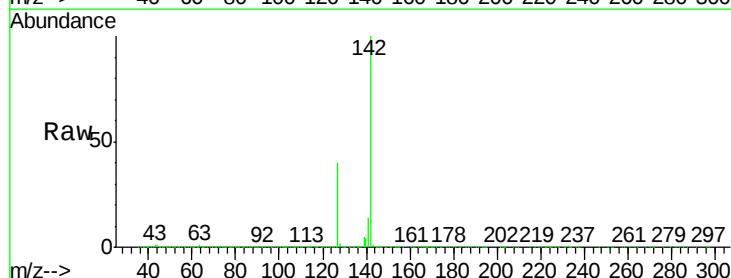
RT: 2.50 min Scan# 265

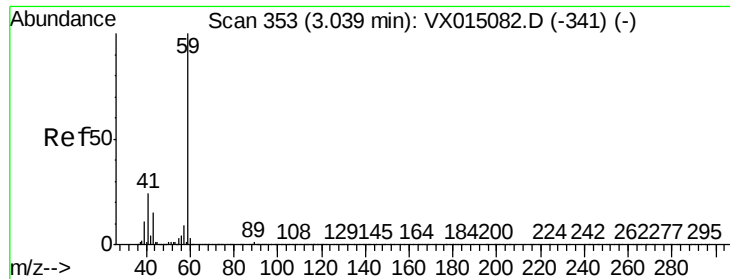
Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Tgt Ion:	142	Resp:	226809
Ion Ratio	Lower	Upper	
142	100		
127	39.6	31.7	47.5
141	14.1	11.3	16.9





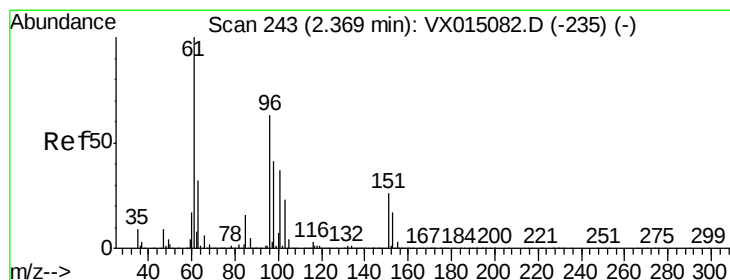
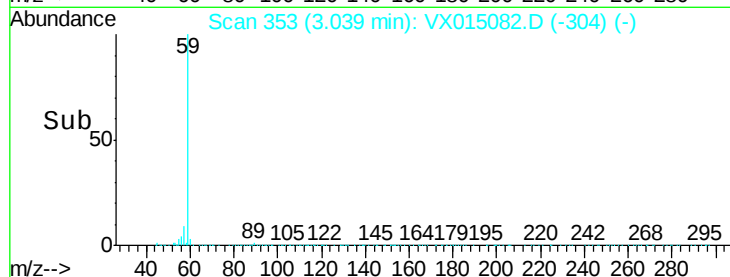
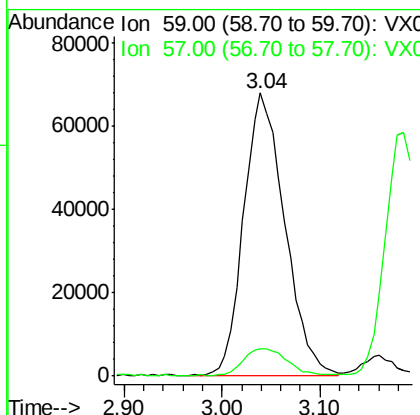
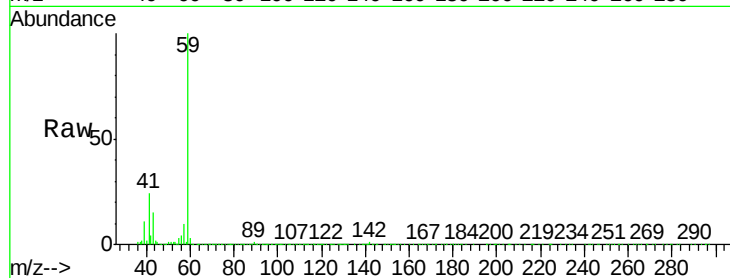
#11
Tert butyl alcohol
Concen: 242.730 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

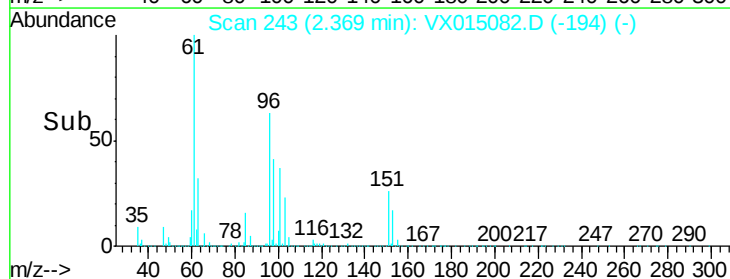
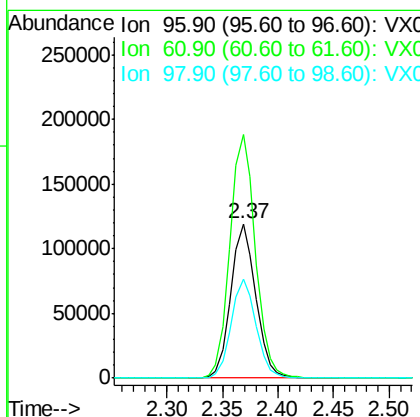
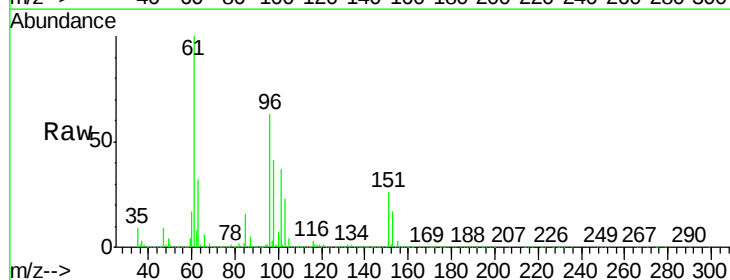
Manual Integrations
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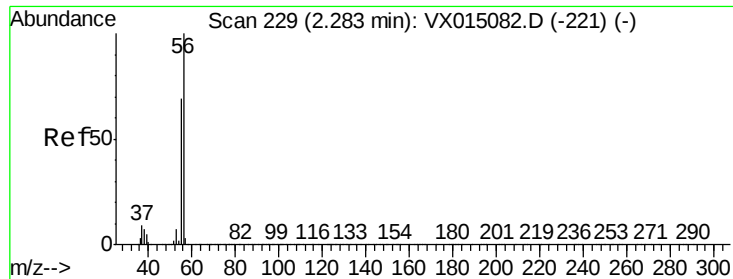
MMDadoda
3/5/2020 12:32:30 PM



#12
1,1-Dichloroethene
Concen: 47.957 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.8	126.2	189.4
98	64.2	51.4	77.0





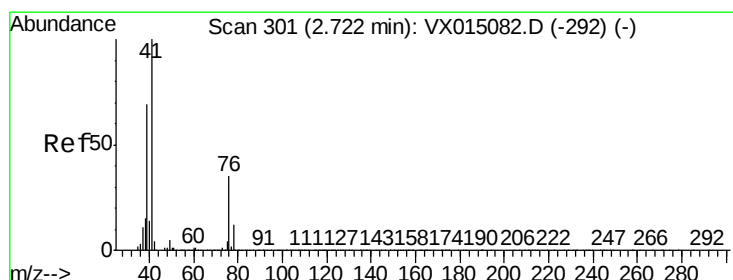
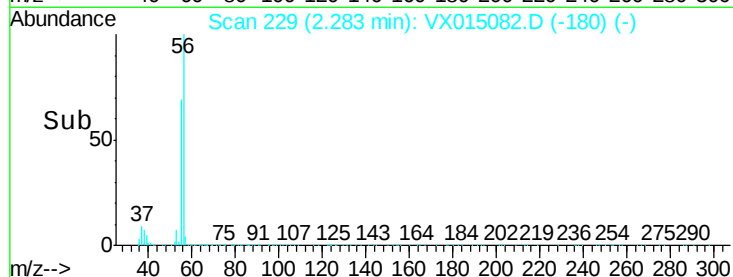
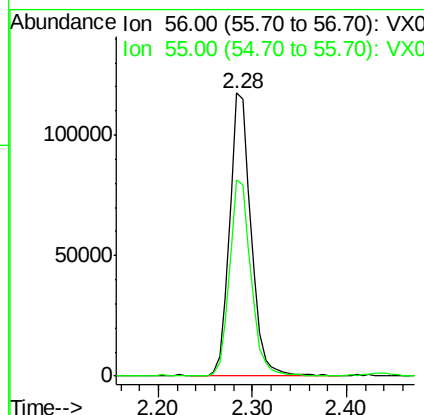
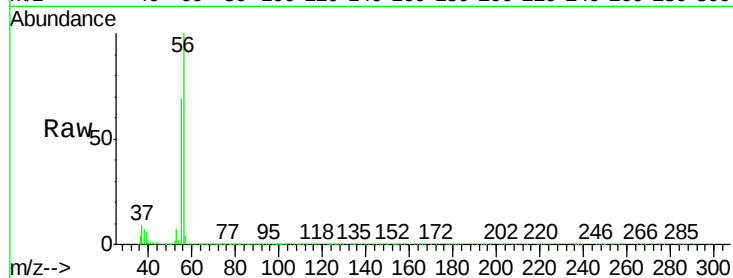
#13
Acrolein
Concen: 240.923 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	69.2	55.4	83.0	

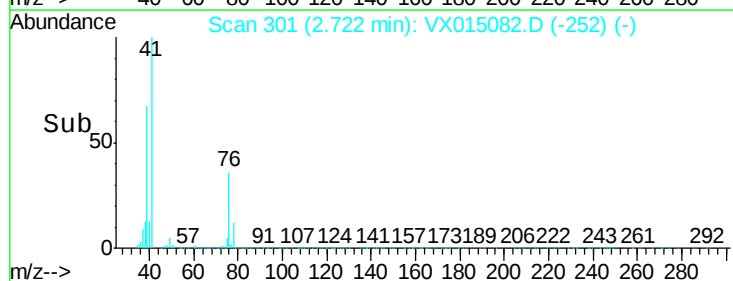
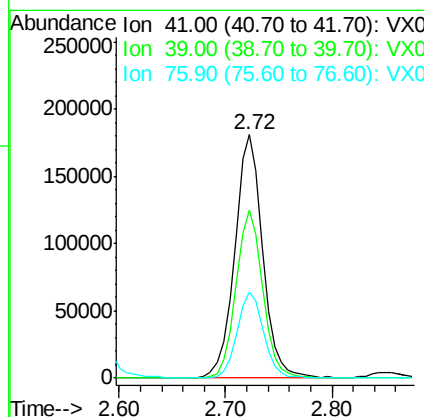
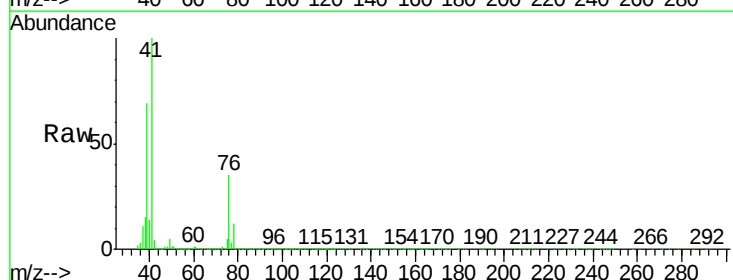
Manual Integrations
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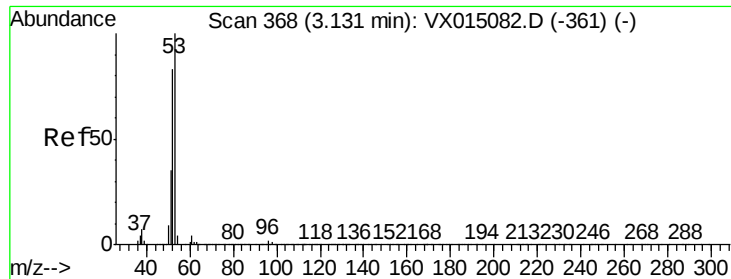
MMDadoda
3/5/2020 12:32:30 PM



#14
Allyl chloride
Concen: 49.414 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	66.1	52.9	79.3	
76	33.5	26.8	40.2	





#15

Acrylonitrile

Concen: 250.822 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

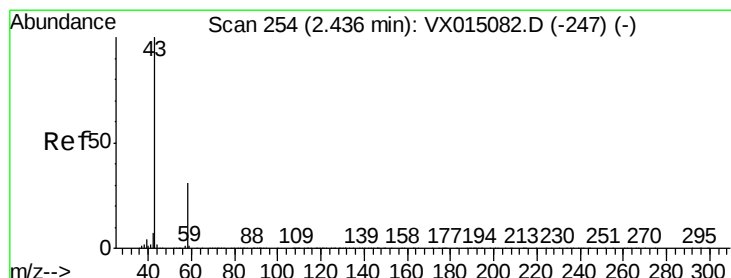
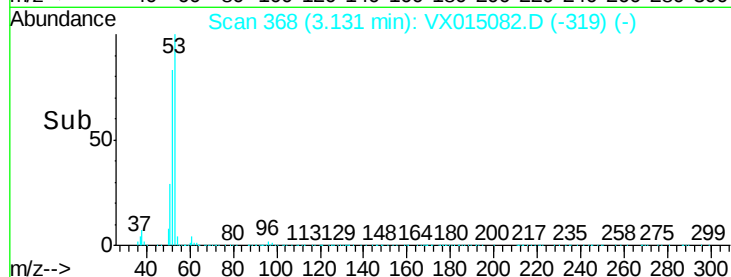
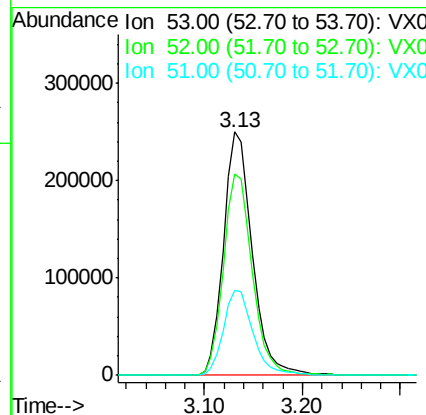
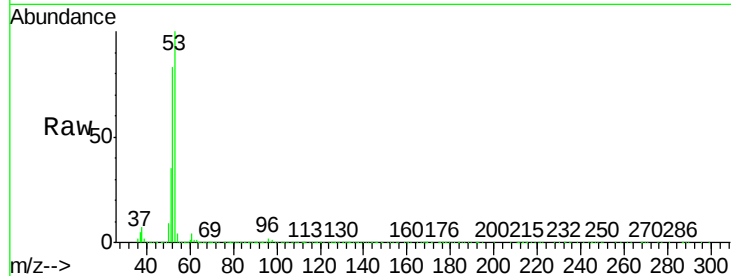
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	508233
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.6	100.0
51	36.3	29.0	43.6

Manual Integrations
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3/5/2020 12:32:30 PM



#16

Acetone

Concen: 244.086 ug/l

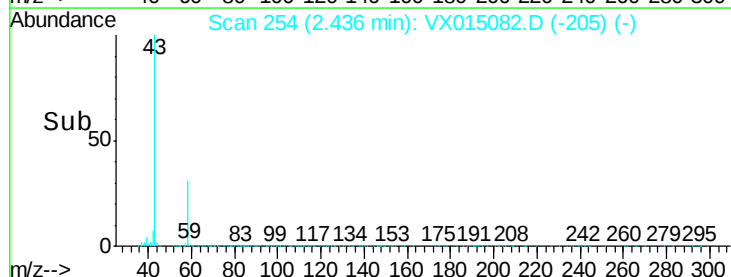
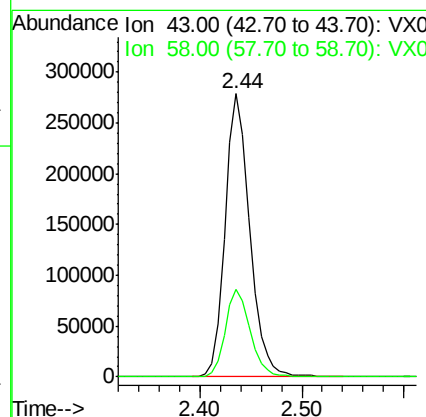
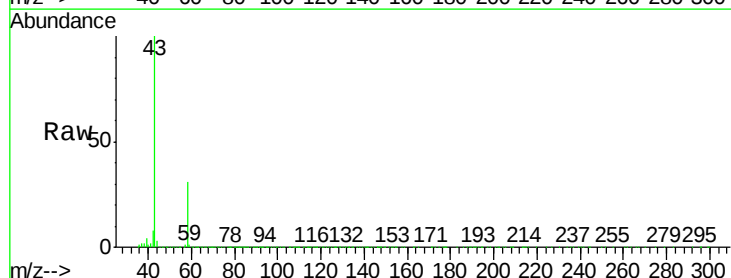
RT: 2.44 min Scan# 254

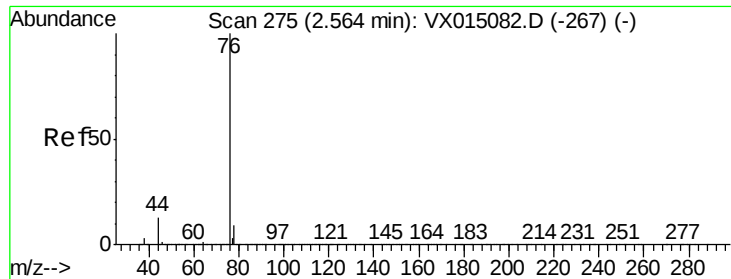
Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Tgt Ion:	43	Resp:	463562
Ion Ratio	Lower	Upper	
43	100		
58	31.0	24.8	37.2





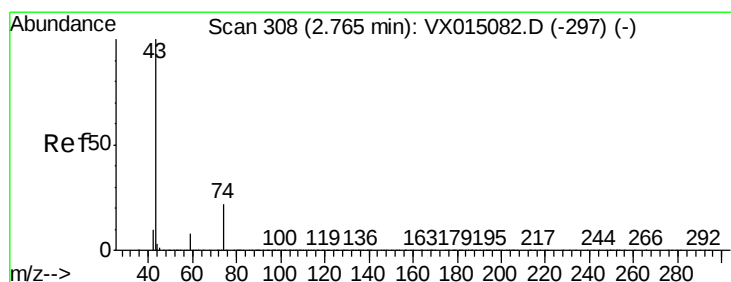
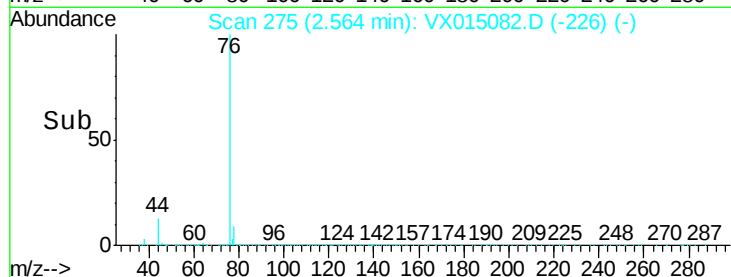
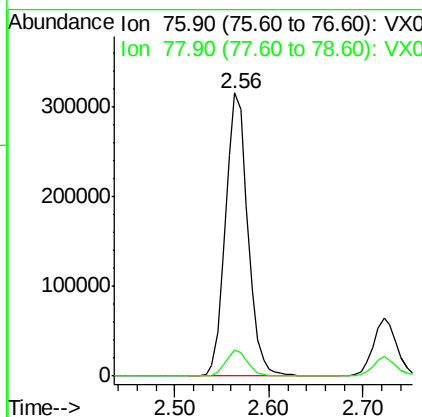
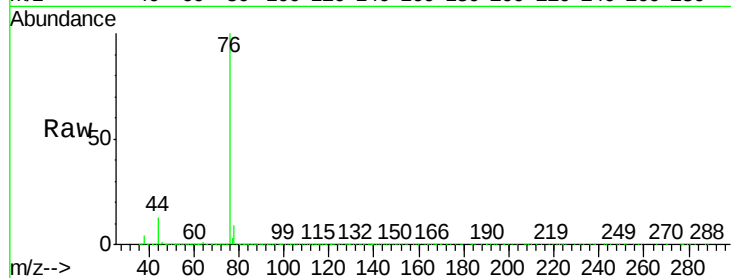
#17
Carbon Disulfide
Concen: 48.620 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

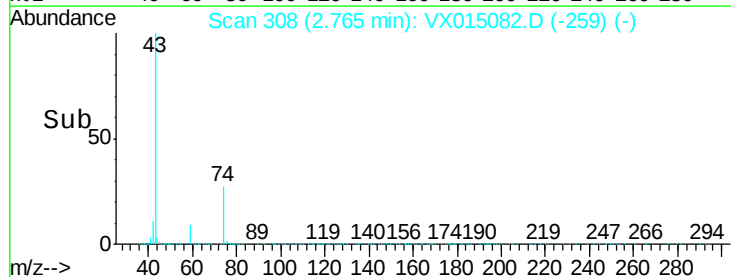
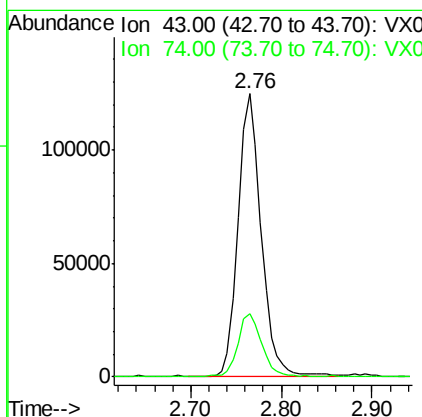
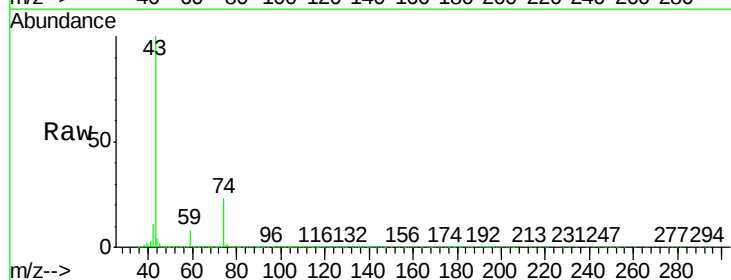
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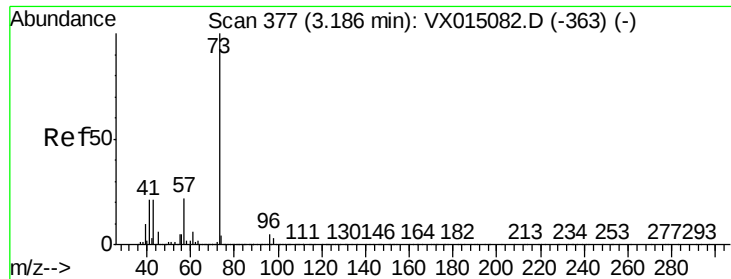
MMDadoda
3/5/2020 12:32:30 PM



#18
Methyl Acetate
Concen: 47.262 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.8	28.2





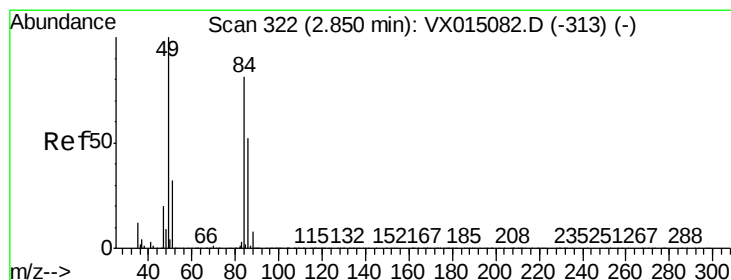
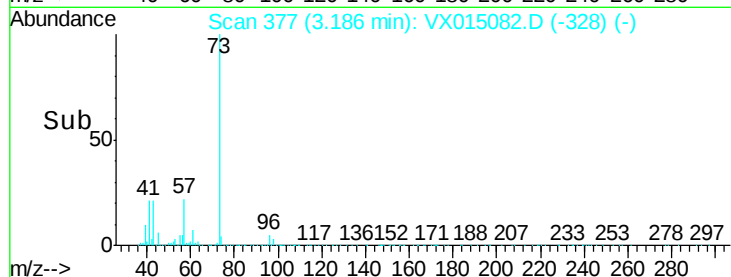
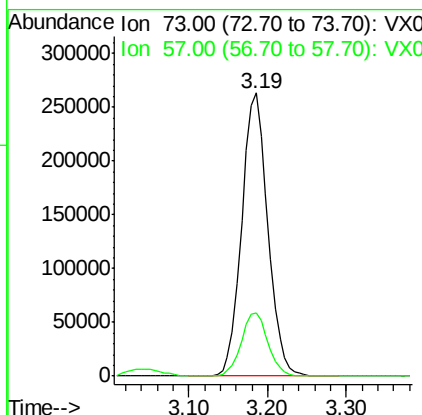
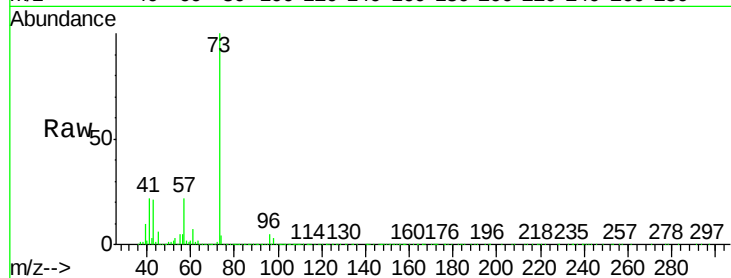
#19
Methvl tert-butvl Ether
Concen: 50.354 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.8	26.6

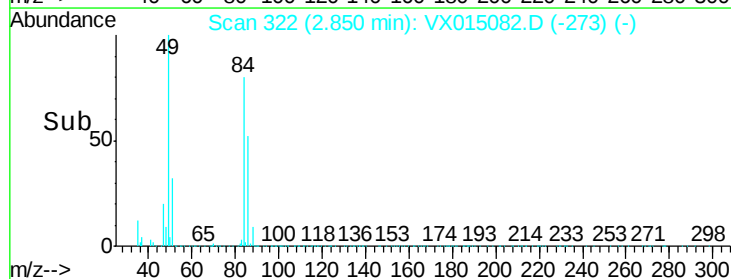
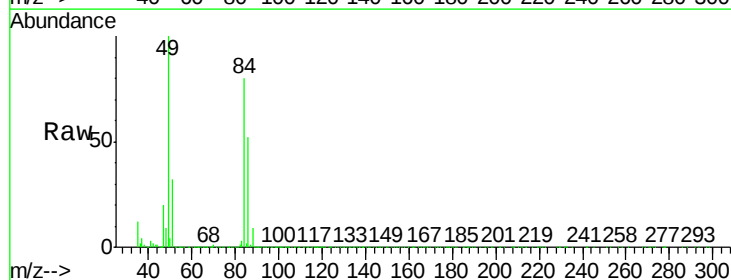
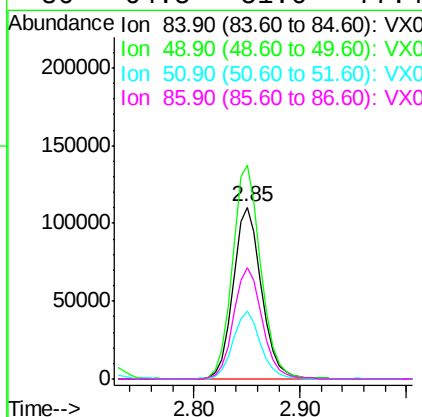
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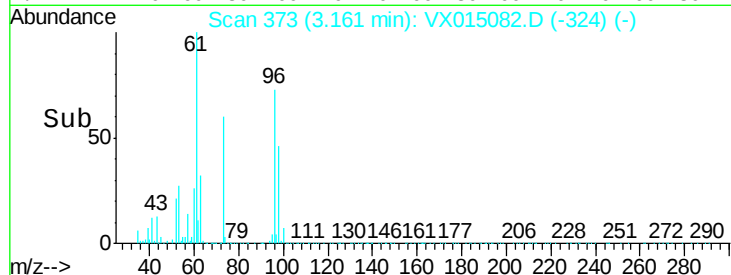
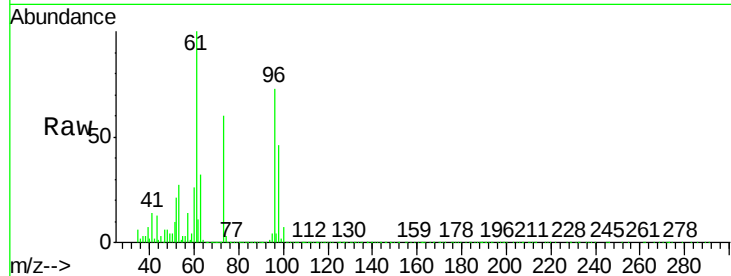
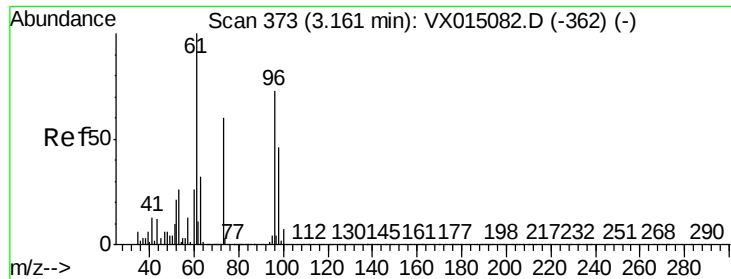
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#20
Methylene Chloride
Concen: 46.235 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.3	99.4	149.2
51	39.4	31.5	47.3
86	64.5	51.6	77.4





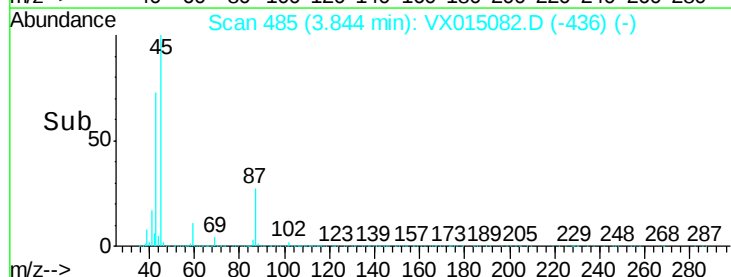
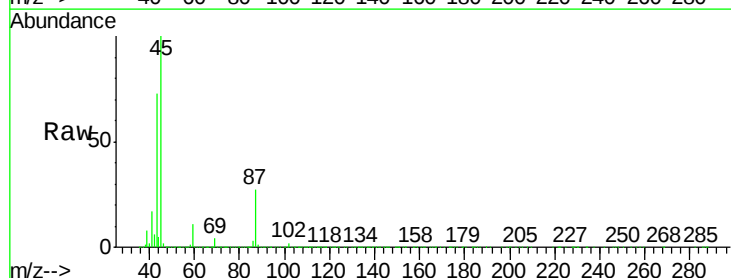
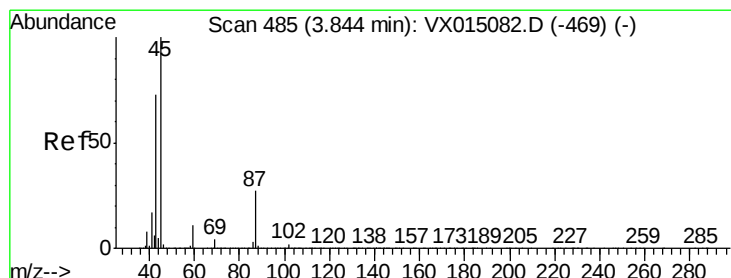
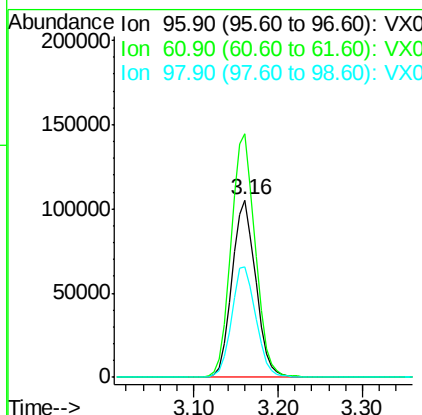
#21
trans-1,2-Dichloroethene
Concen: 48.654 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.4	109.9	164.9
98	62.7	50.2	75.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

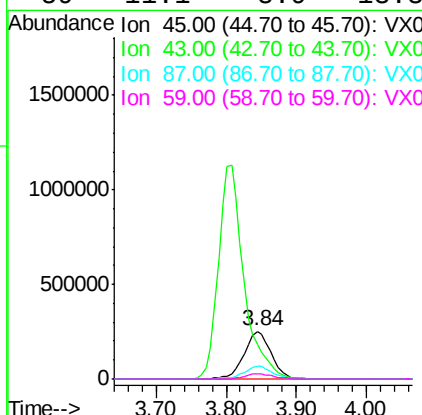
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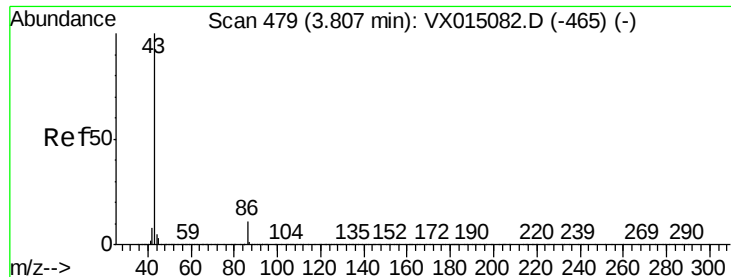
MMDadoda
3/5/2020 12:32:30 PM



#22
Diisopropyl ether
Concen: 50.599 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
45	100		
43	72.7	58.2	87.2
87	26.5	21.2	31.8
59	11.1	8.9	13.3





#23

Vinyl Acetate

Concen: 261.830 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Tot Ion: 43 Resp: 2872057

Ion Ratio Lower Upper

43 100

86 10.7 8.6 12.8

Instrument :

MSVOA_X

ClientSampled :

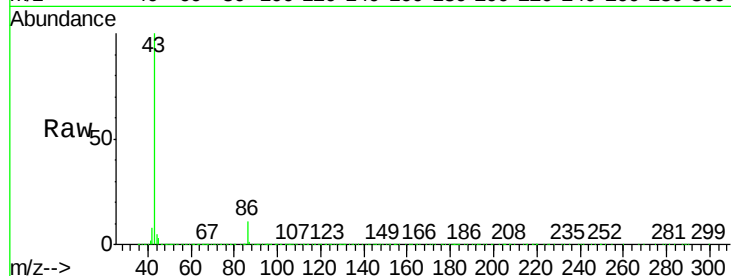
VSTDICCC050

Manual Integrations

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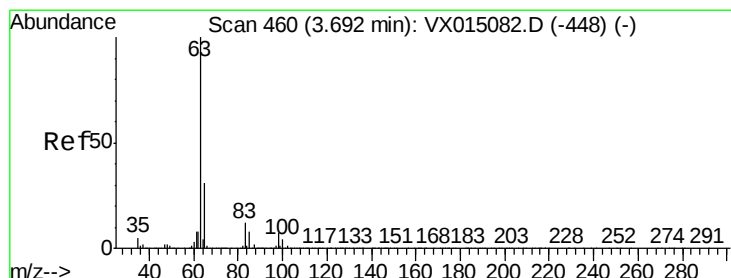
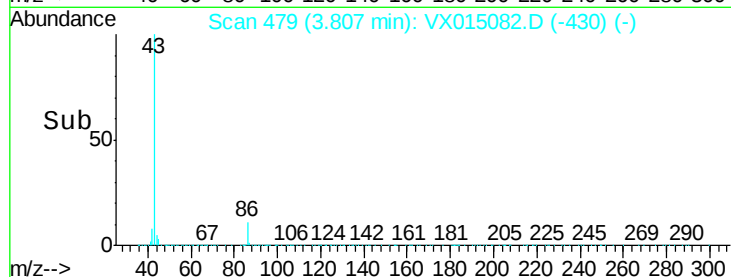
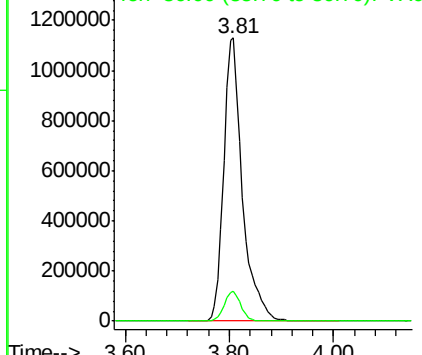
MMDadoda

3/5/2020 12:32:30 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.072 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

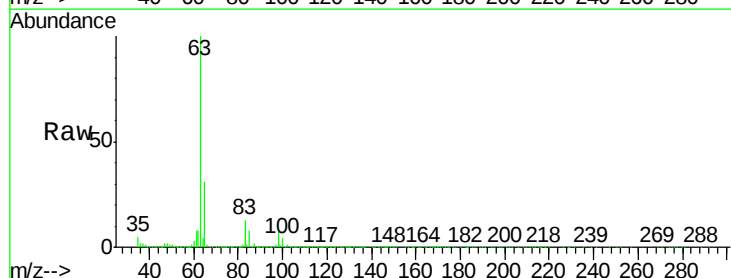
Tgt Ion: 63 Resp: 363433

Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

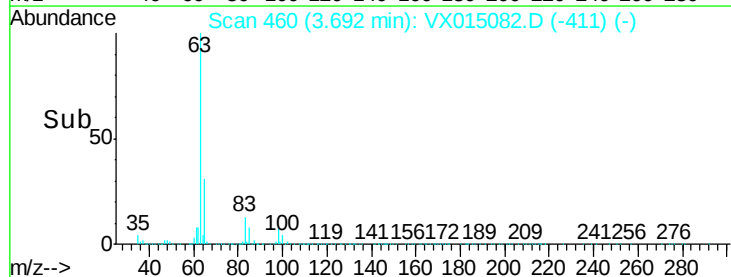
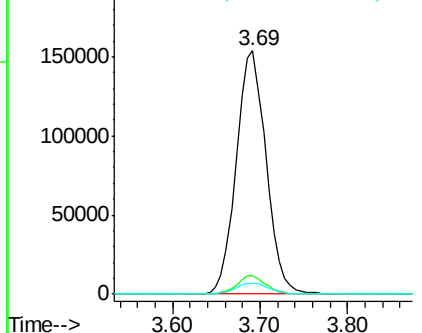
100 4.3 2.1 6.5

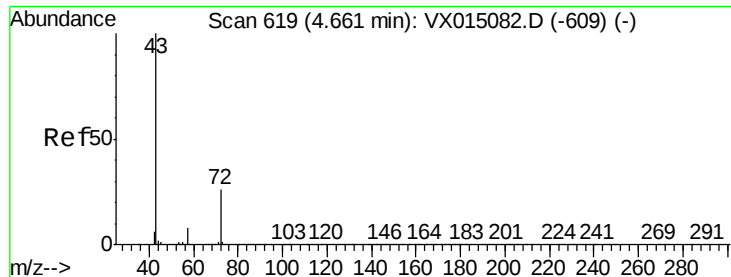


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 257.287 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Tot Ion: 43 Resp: 715359

Ion Ratio Lower Upper

43 100

72 25.7 20.6 30.8

Instrument :

MSVOA_X

ClientSampleId :

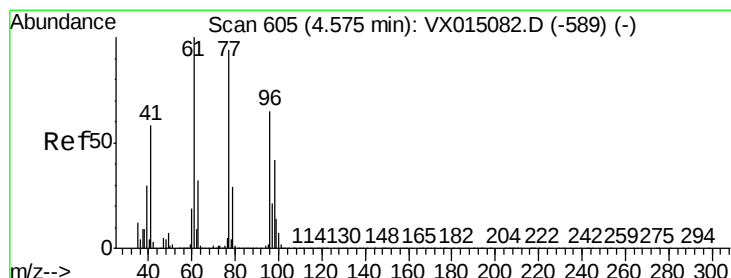
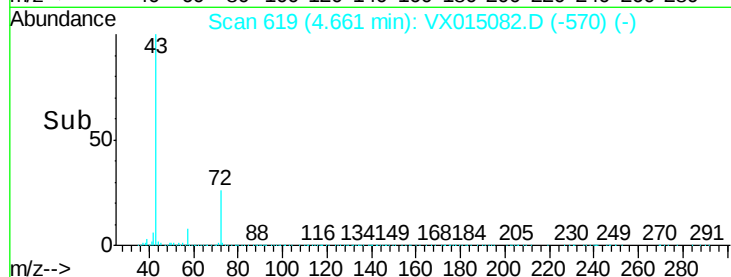
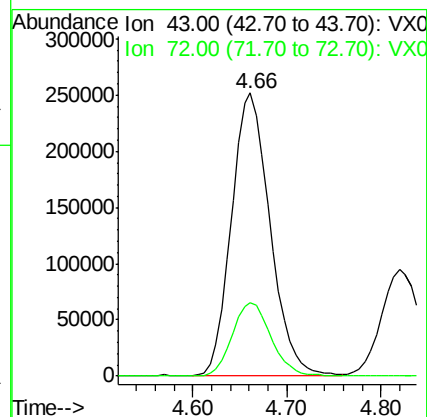
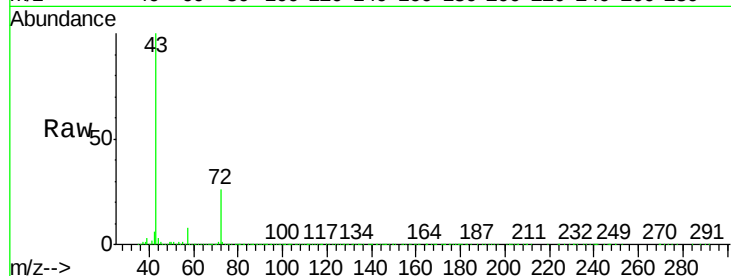
VSTDICCC050

Manual Integrations

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3/5/2020 12:32:30 PM



#26

2,2-Dichloropropane

Concen: 49.283 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015082.D

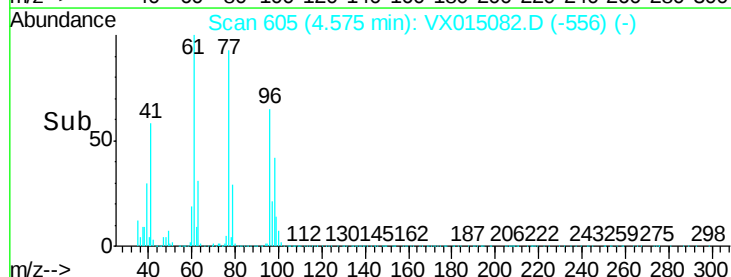
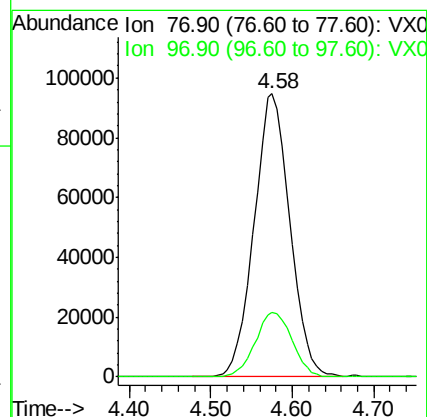
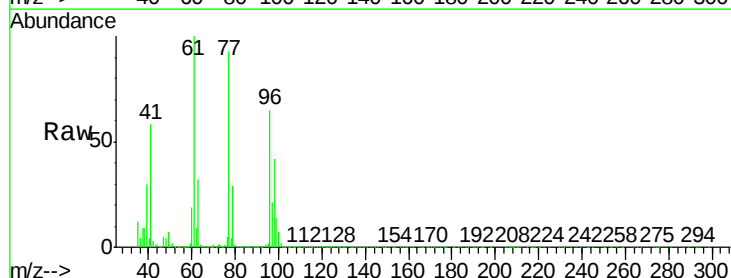
Acq: 04 Mar 2020 09:47

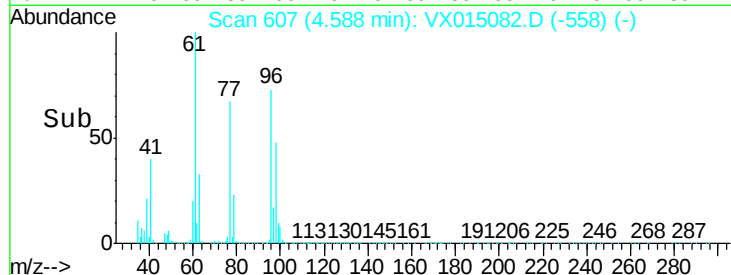
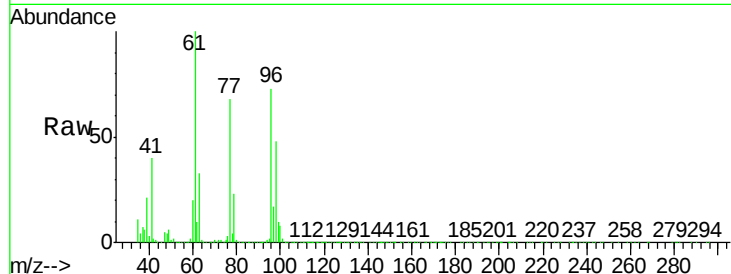
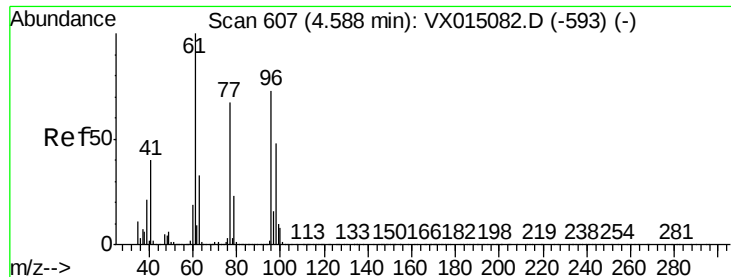
Tgt Ion: 77 Resp: 289756

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 49.645 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX015082.D

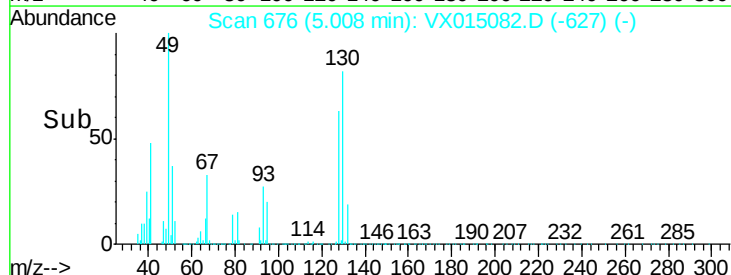
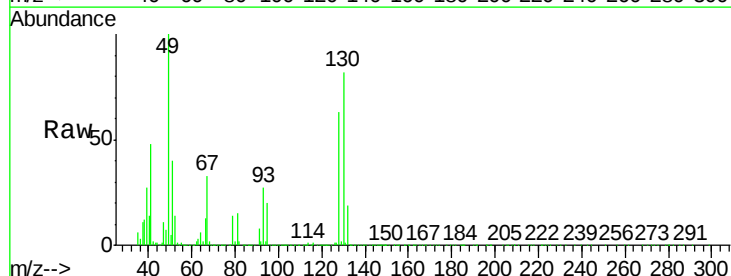
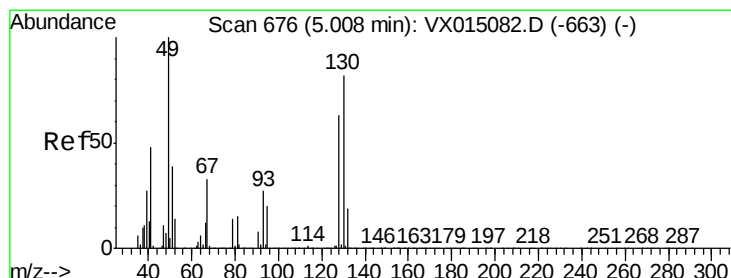
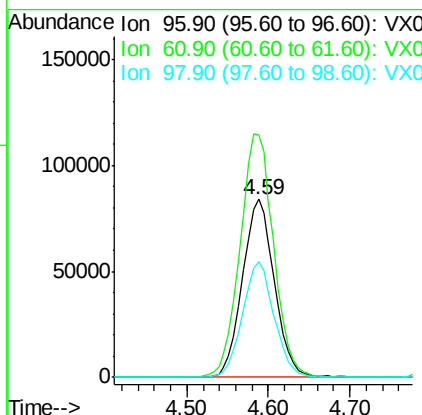
Acq: 04 Mar 2020 09:47

Tot Ion:	96	Resp:	228441
Ion Ratio	Lower	Upper	
96	100		
61	143.4	0.0	286.8
98	64.2	0.0	128.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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3/5/2020 12:32:30 PM



#28

Bromochloromethane

Concen: 50.398 ug/l

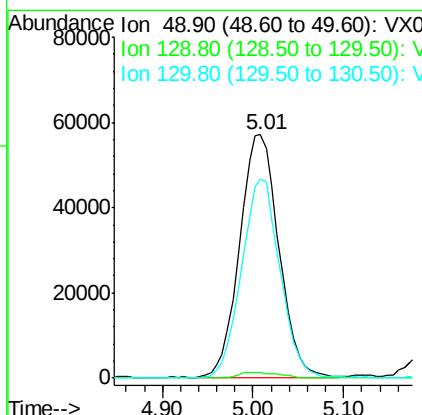
RT: 5.01 min Scan# 676

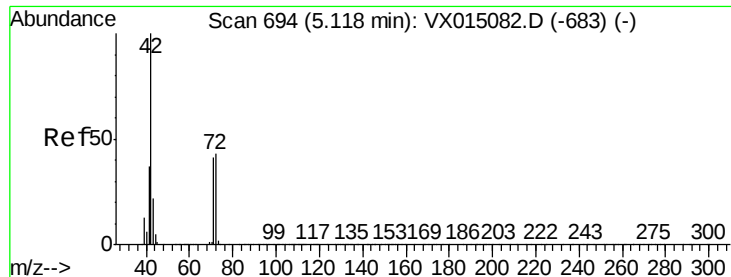
Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Tgt Ion:	49	Resp:	169968
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.4
130	81.3	65.0	97.6





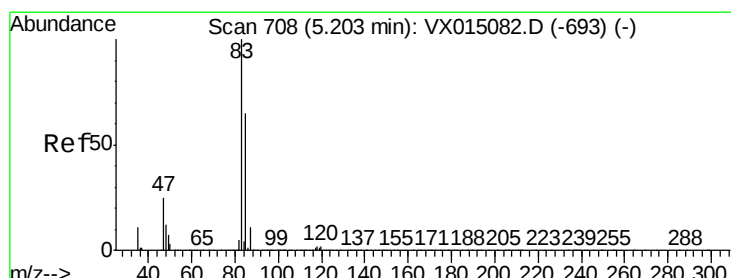
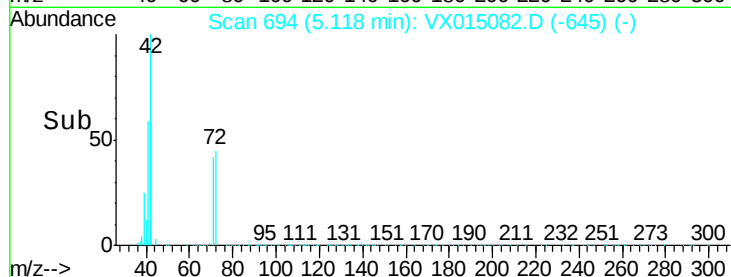
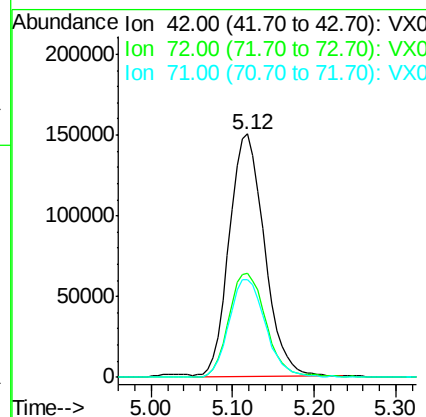
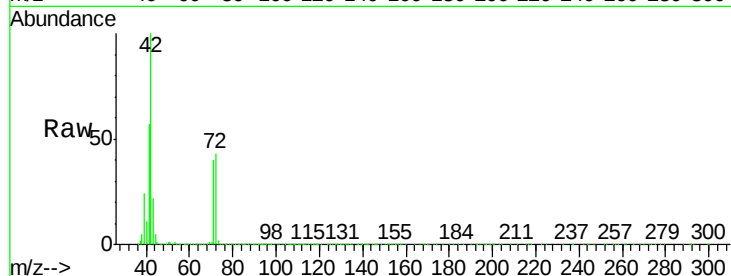
#29
Tetrahydrofuran
Concen: 250.630 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	36.4	54.6
71	41.6	33.3	49.9

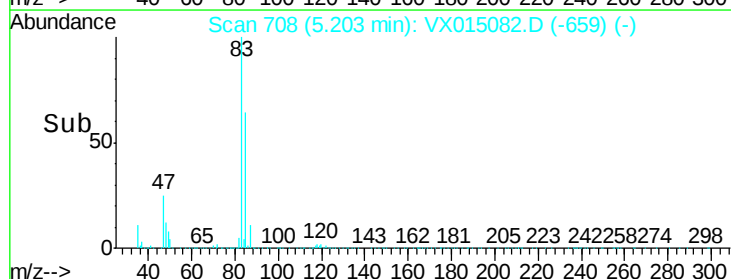
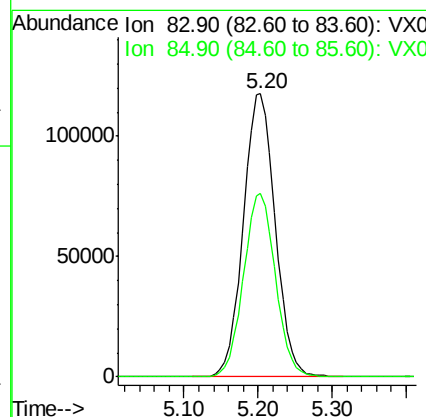
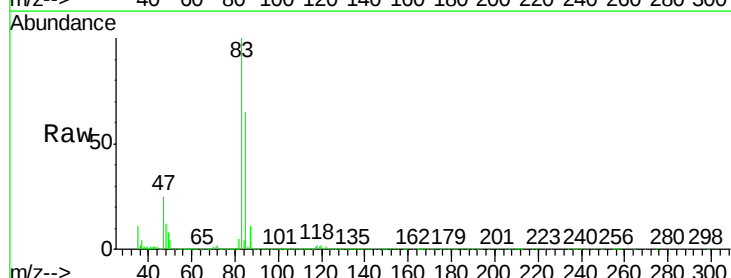
Manual Integrations
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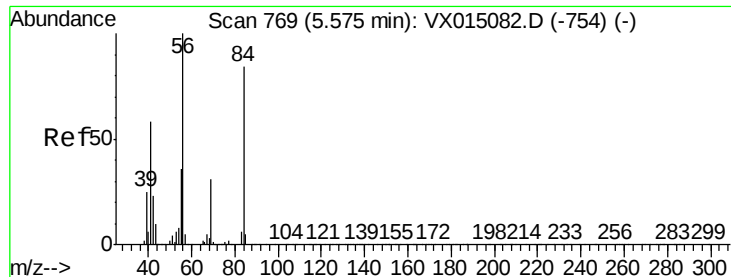
MMDadoda
3/5/2020 12:32:30 PM



#30
Chloroform
Concen: 48.989 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.0	78.0





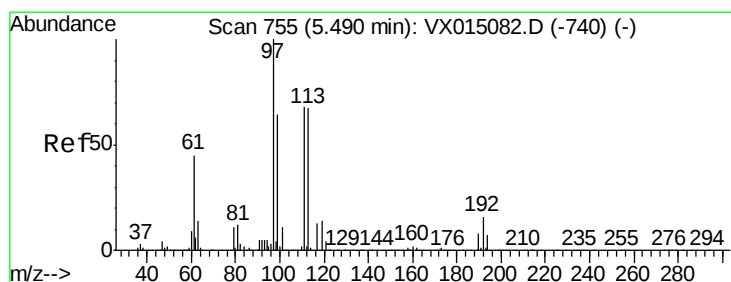
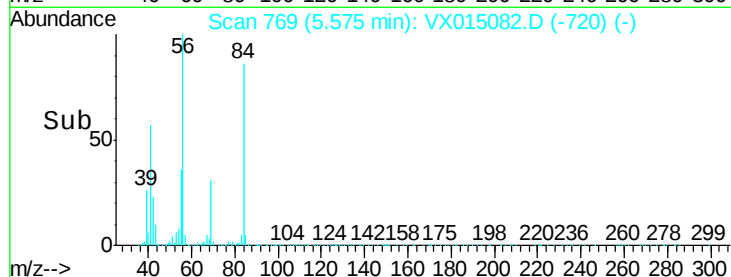
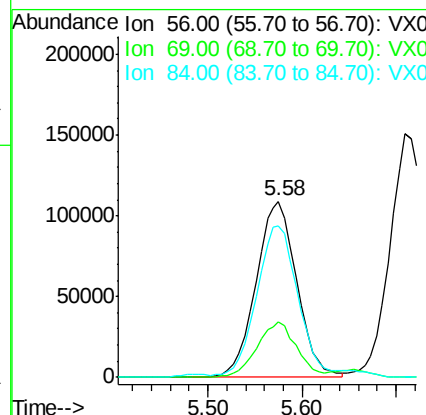
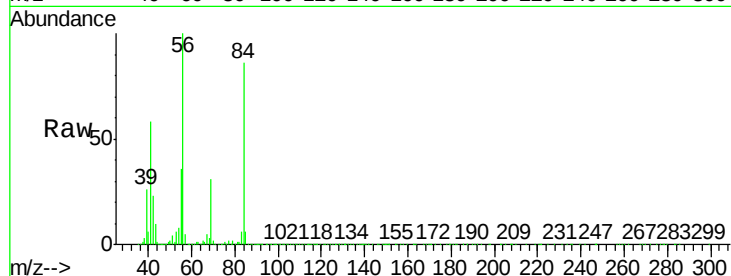
#31
Cyclohexane
Concen: 49.778 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.0	37.6
84	84.5	67.6	101.4

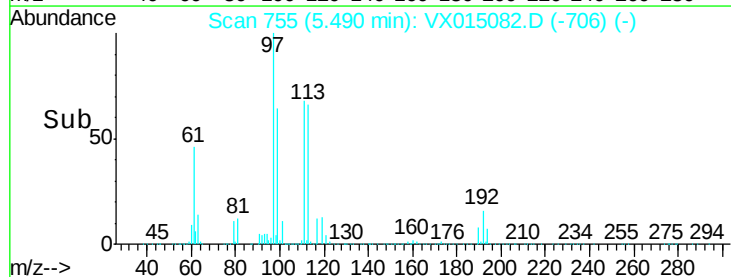
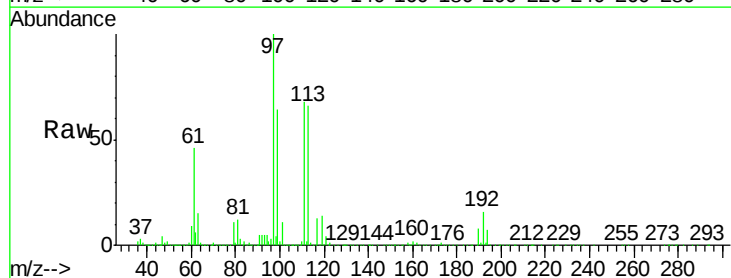
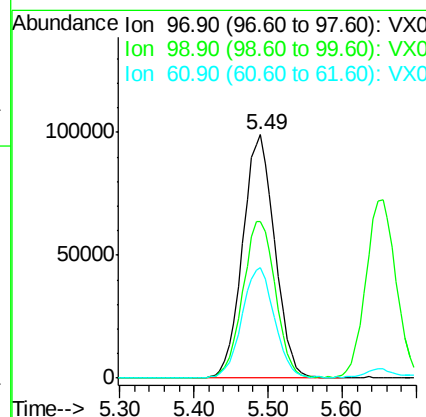
Manual Integrations
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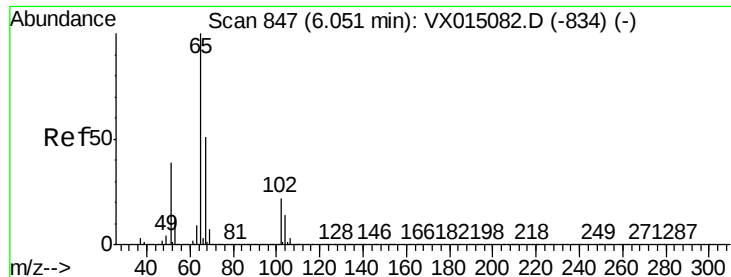
MMDadoda
3/5/2020 12:32:30 PM



#32
1,1,1-Trichloroethane
Concen: 50.019 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.0	52.8	79.2
61	45.7	36.6	54.8





#33

1,2-Dichloroethane-d4

Concen: 48.372 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 65 Resp: 226845

Ion Ratio Lower Upper

65 100

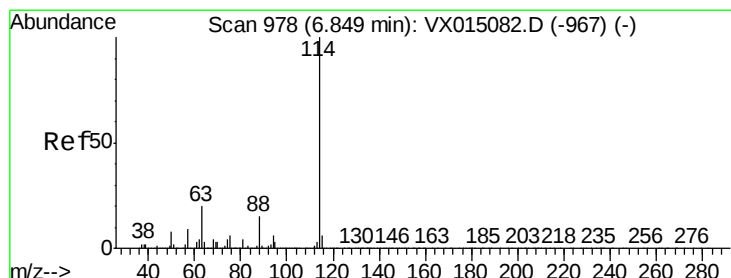
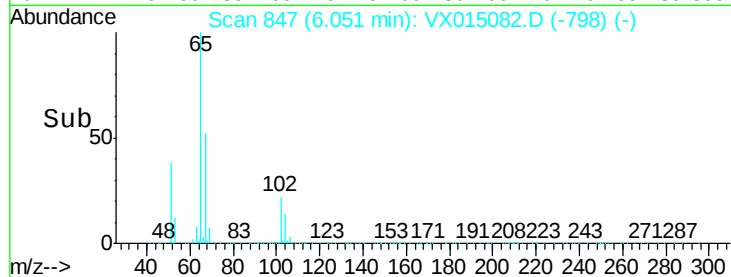
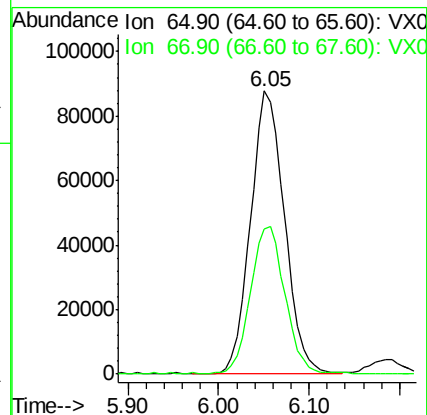
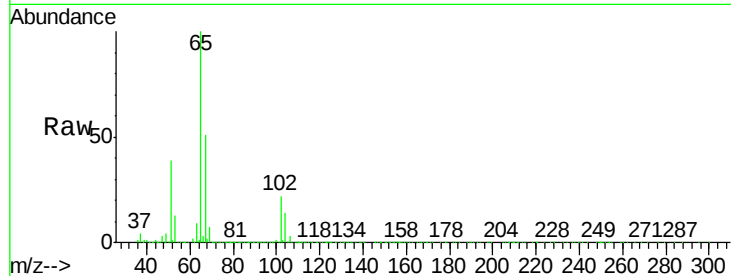
67 52.8 0.0 105.6

Manual Integrations

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3/5/2020 12:32:30 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

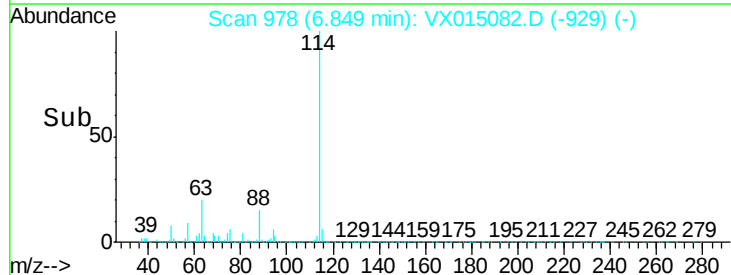
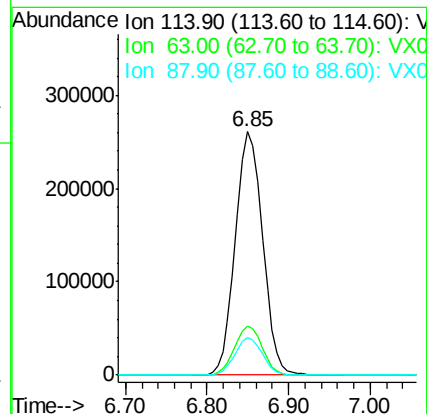
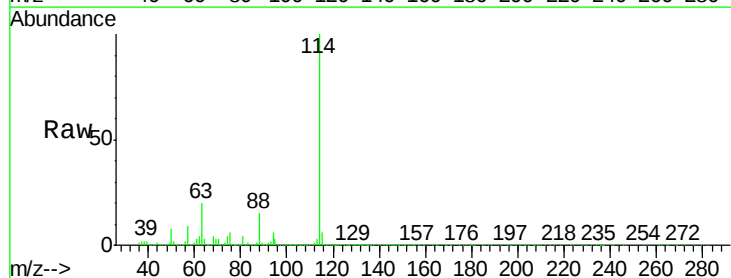
Tgt Ion: 114 Resp: 604260

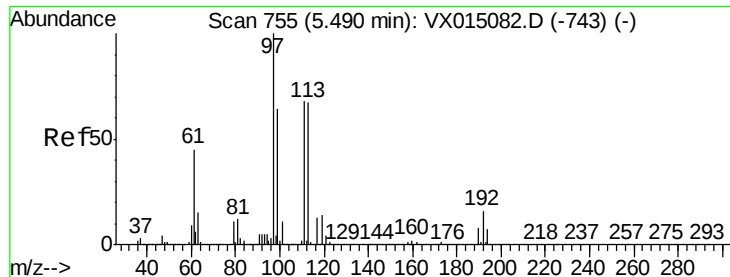
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 15.3 0.0 30.6





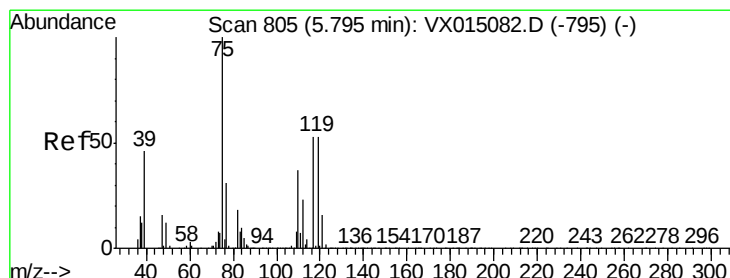
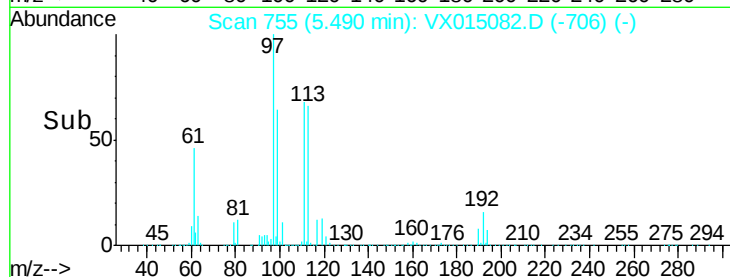
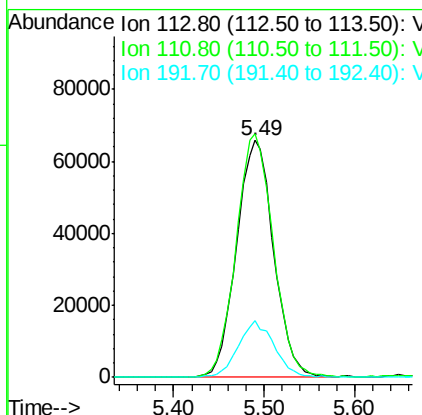
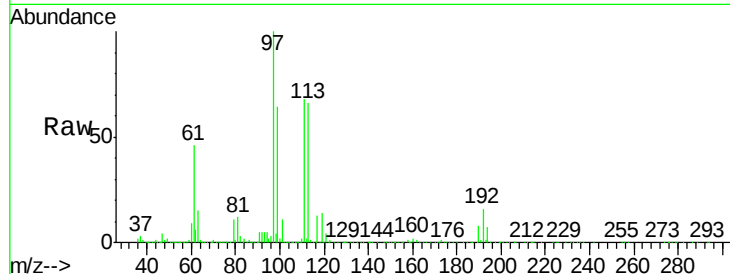
#35
Dibromofluoromethane
Concen: 48.831 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	123.8
192	23.3	18.6	28.0

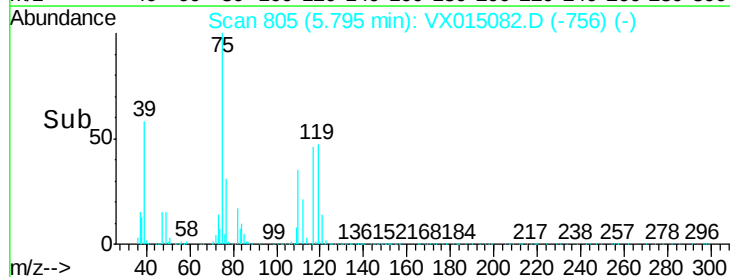
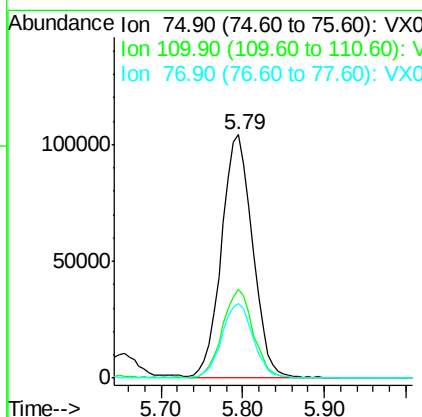
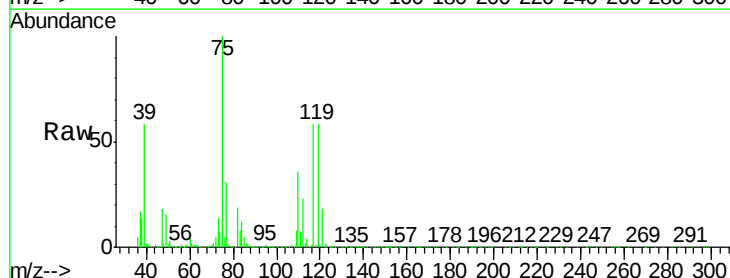
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3/5/2020 12:32:30 PM



#36
1,1-Dichloropropene
Concen: 48.740 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.9	53.8
77	31.0	24.8	37.2





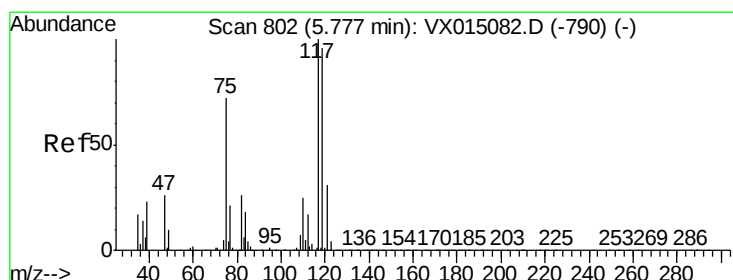
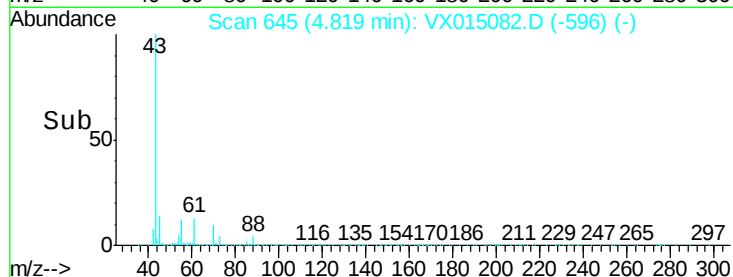
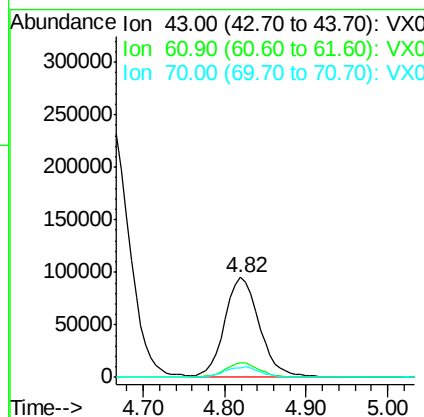
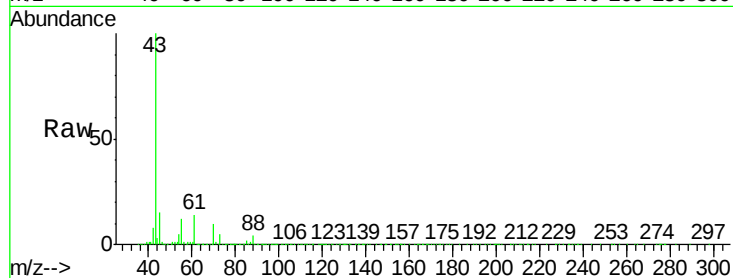
#37
Ethyl Acetate
Concen: 53.540 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion:	43	Resp:	277562
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	10.1	8.1	12.1

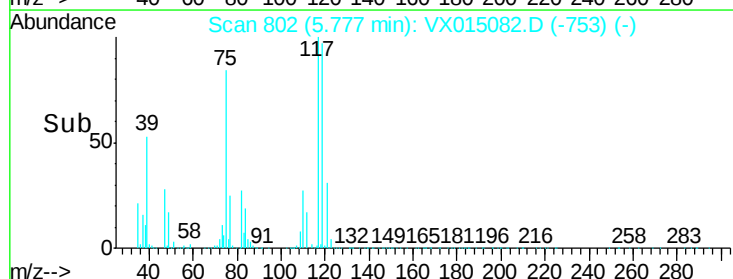
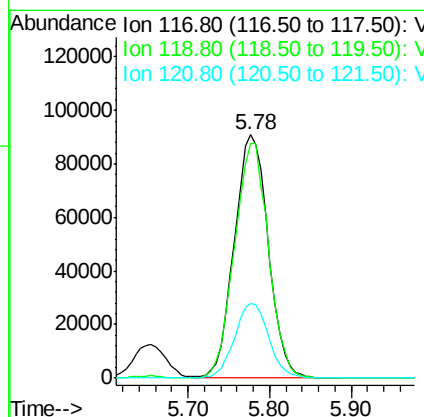
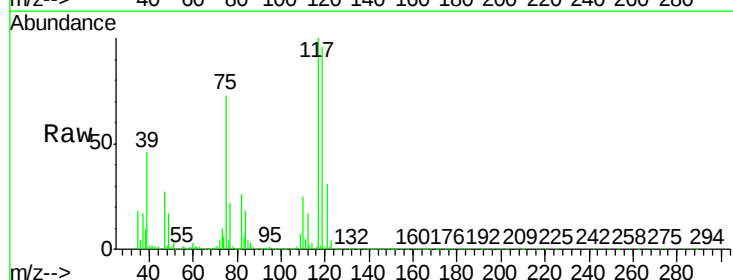
Manual Integrations
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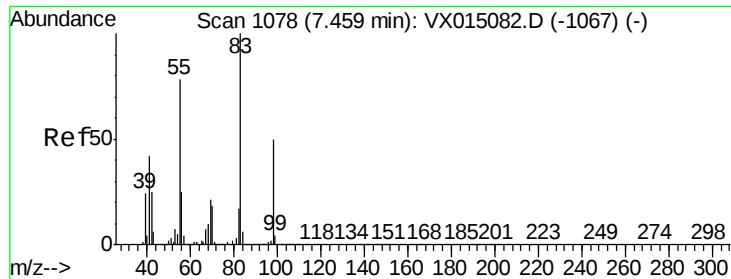
MMDadoda
3/5/2020 12:32:30 PM



#38
Carbon Tetrachloride
Concen: 49.518 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion:	117	Resp:	261280
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.9	115.3
121	30.8	24.6	37.0





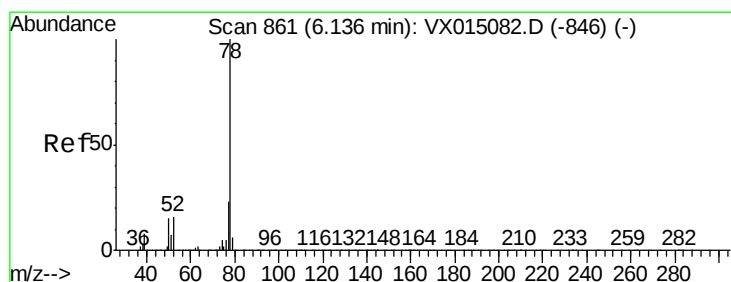
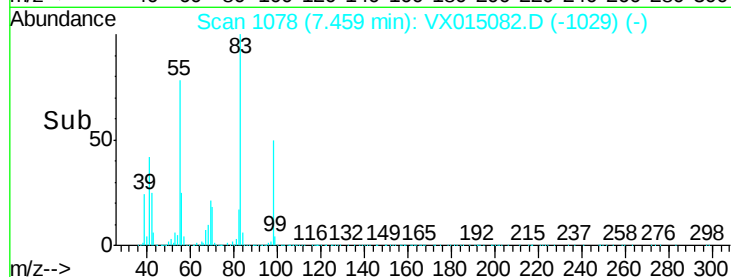
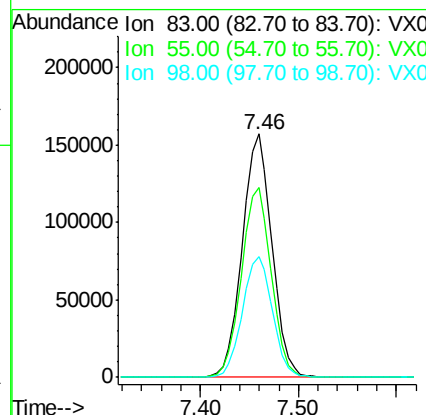
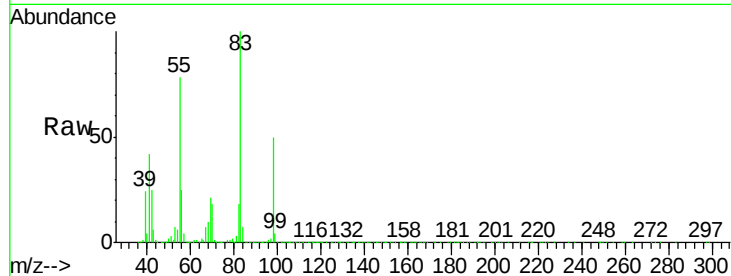
#39
Methvlcvclohexane
Concen: 50.446 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.0	62.4	93.6
98	49.6	39.7	59.5

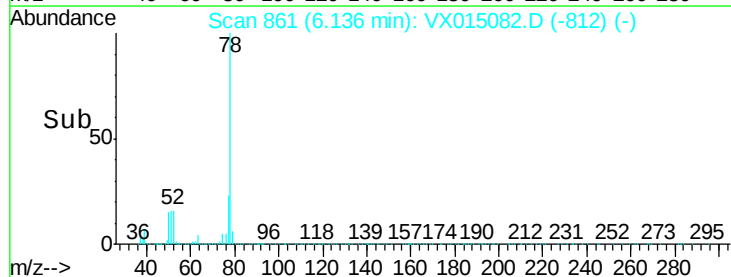
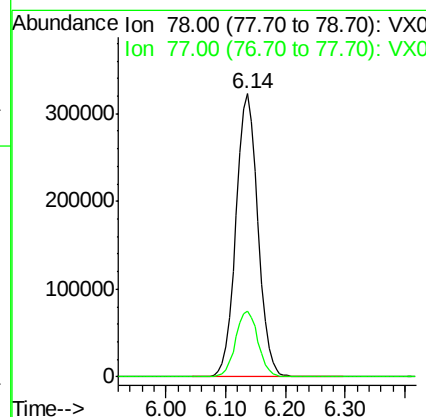
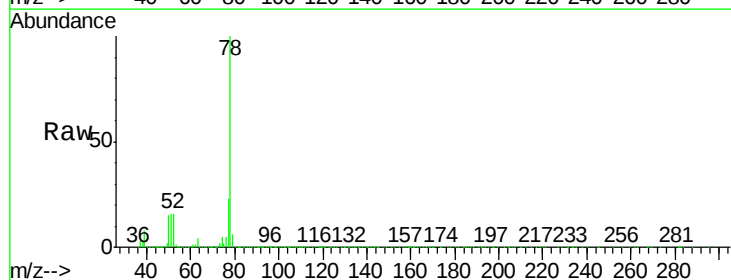
Manual Integrations
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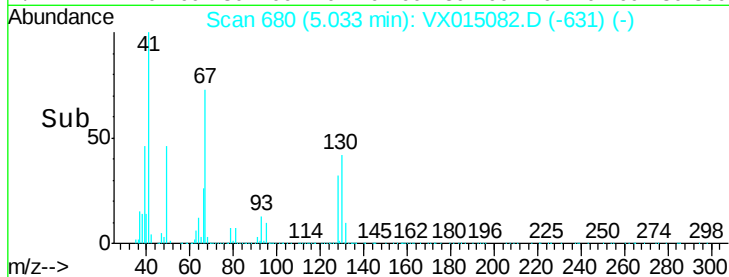
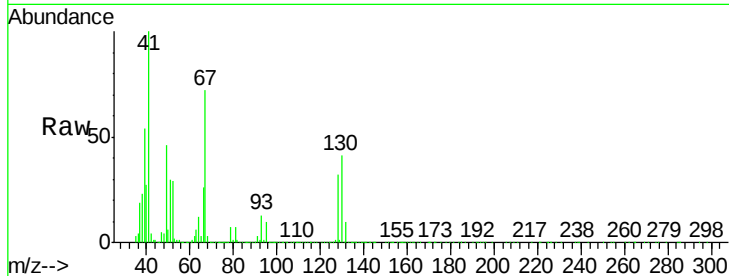
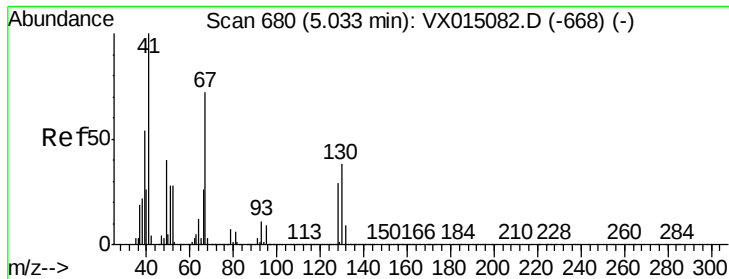
MMDadoda
3/5/2020 12:32:30 PM



#40
Benzene
Concen: 49.830 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	28.0





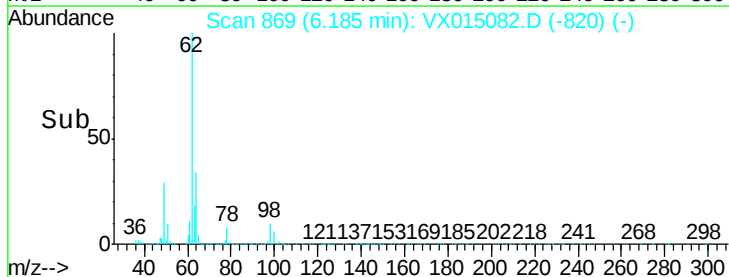
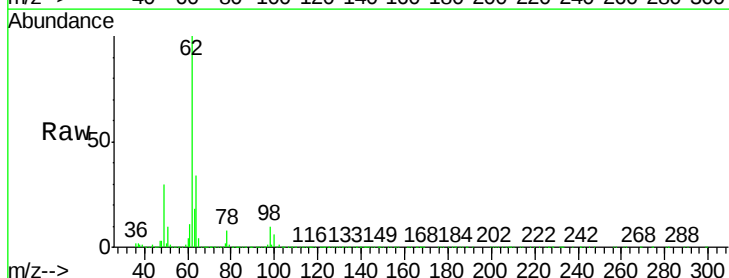
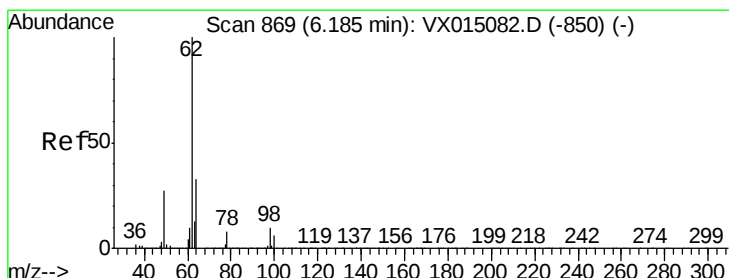
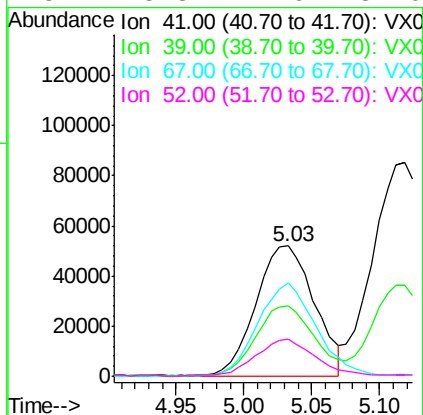
#41
Methacrylonitrile
Concen: 53.934 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		155065		
39	54.9	43.9	65.9		
67	72.3	57.8	86.8		
52	28.3	22.6	34.0		

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

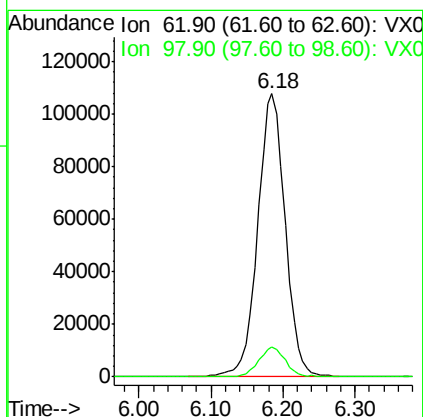
Manual Integrations
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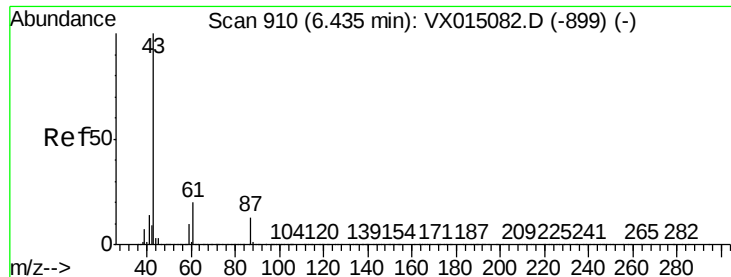
MMDadoda
3/5/2020 12:32:30 PM



#42
1,2-Dichloroethane
Concen: 49.918 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		284278		
98	10.3	0.0	20.6		





#43

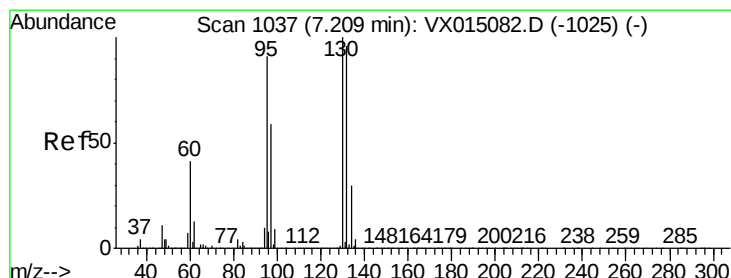
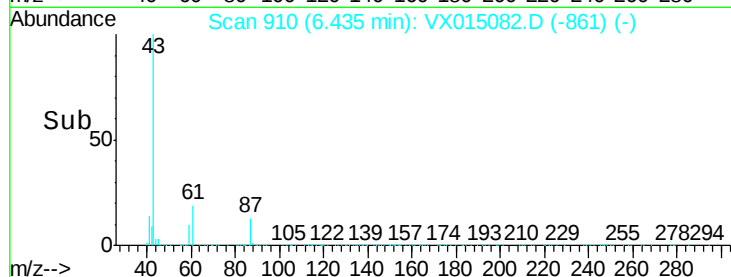
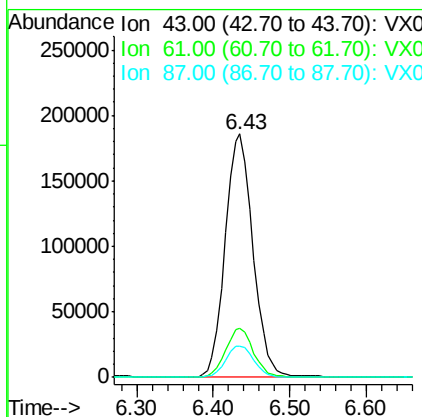
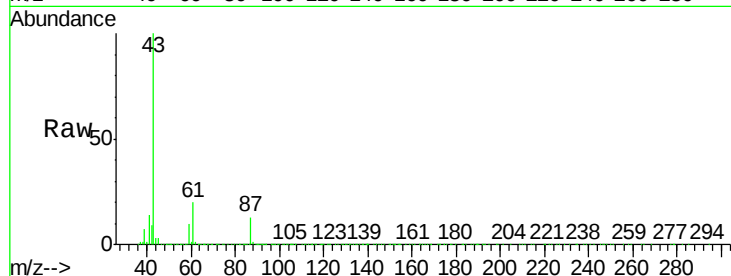
Isopropyl Acetate
 Concen: 50.859 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.1	24.1
87	13.3	10.6	16.0

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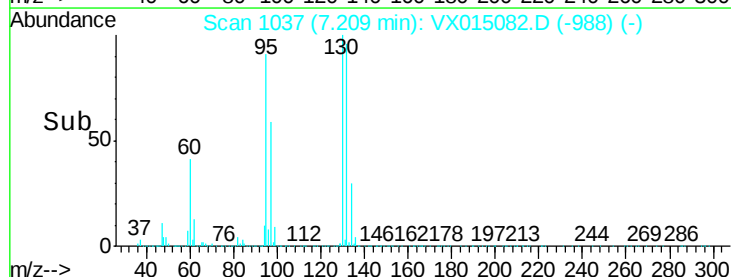
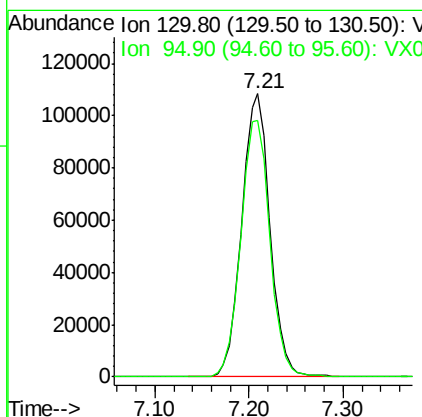
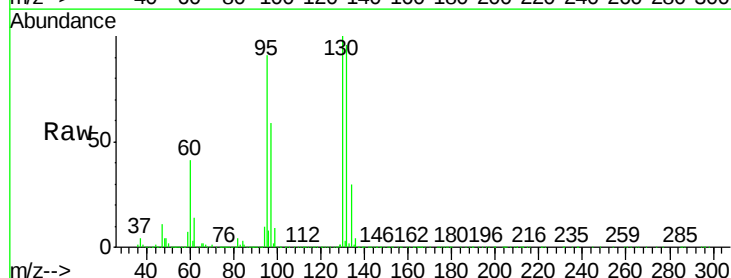
MMDadoda
 3/5/2020 12:32:30 PM

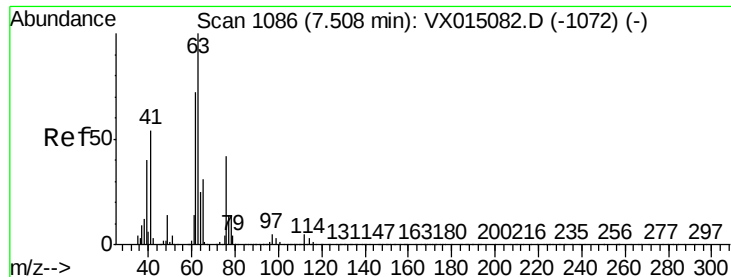


#44

Trichloroethene
 Concen: 49.311 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	181.2





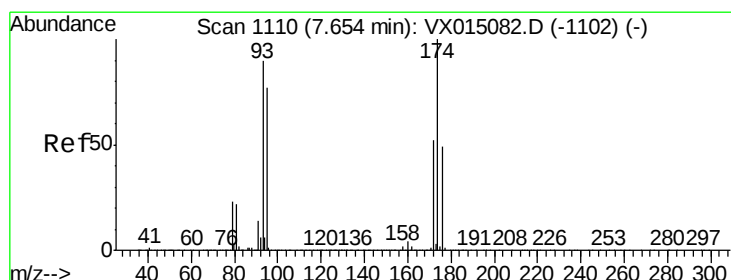
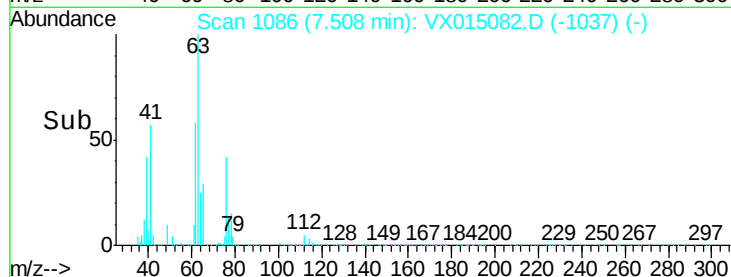
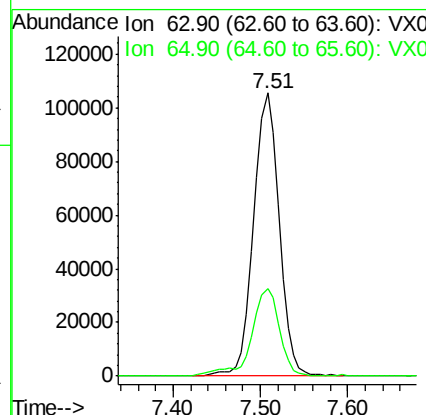
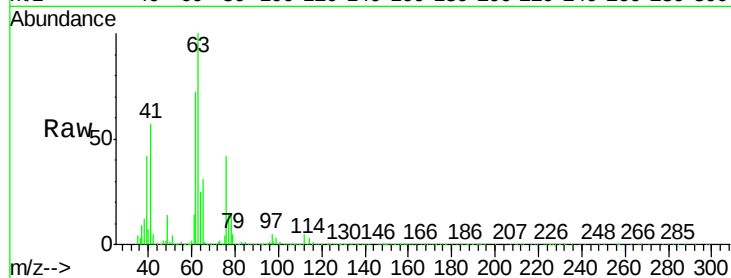
#45
 1,2-Dichloropropane
 Concen: 49.931 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.6	36.8

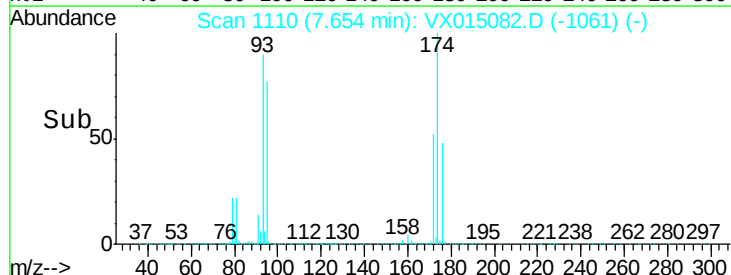
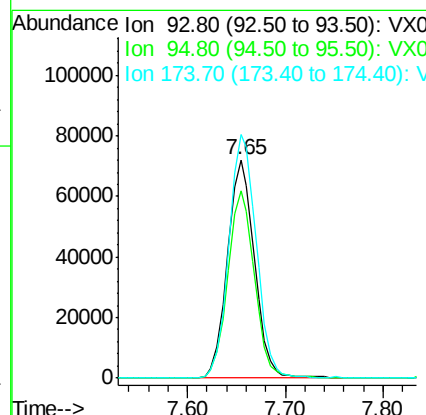
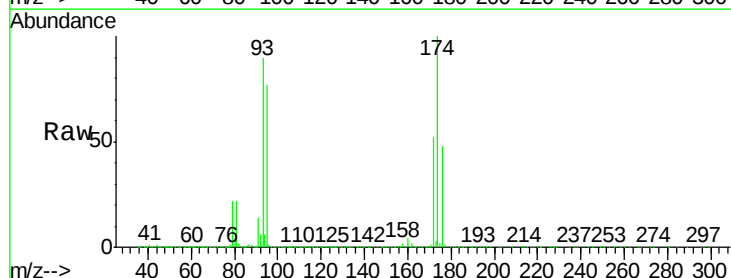
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#46
 Dibromomethane
 Concen: 49.037 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.8	67.8	101.8
174	113.7	91.0	136.4





#47

Bromodichloromethane

Concen: 50.345 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

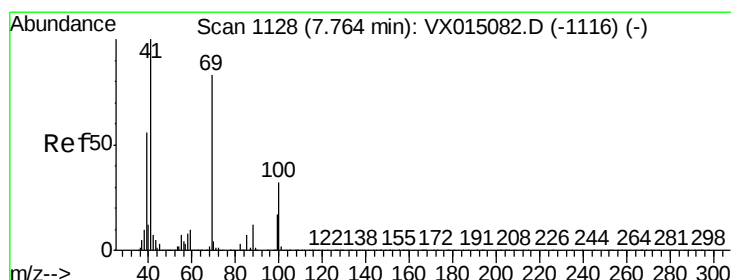
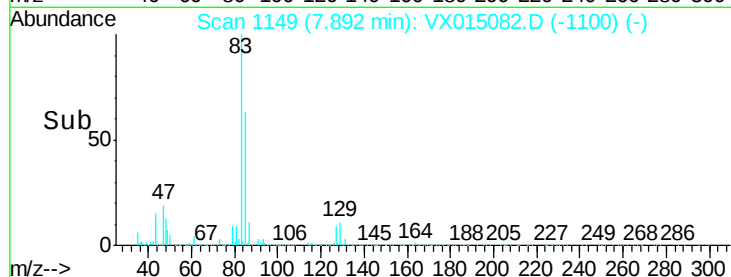
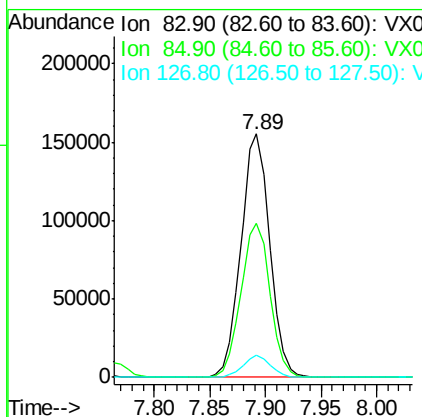
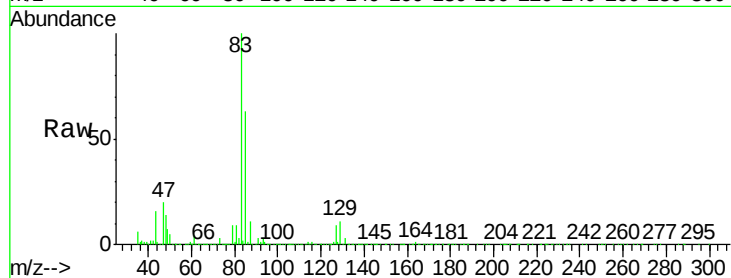
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	278456
Ion Ratio	Lower	Upper	
83	100		
85	63.2	50.6	75.8
127	8.9	7.1	10.7

Manual Integrations
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3/5/2020 12:32:30 PM



#48

Methyl methacrylate

Concen: 49.881 ug/l

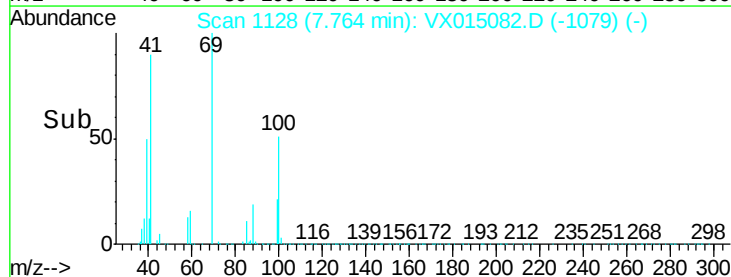
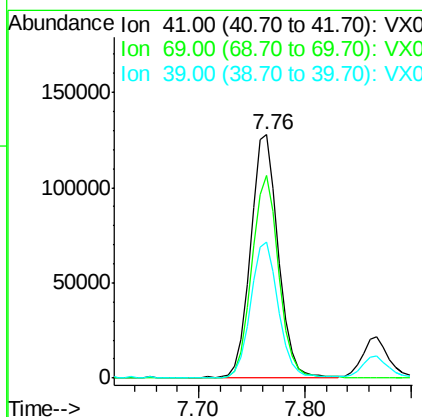
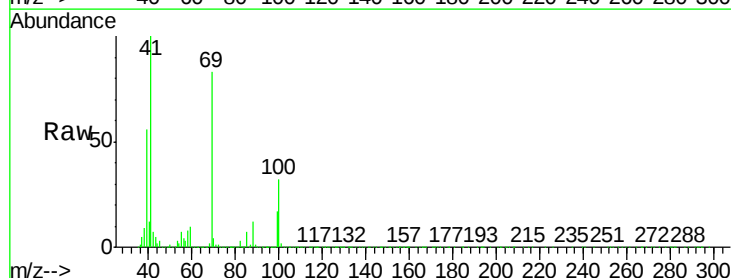
RT: 7.76 min Scan# 1128

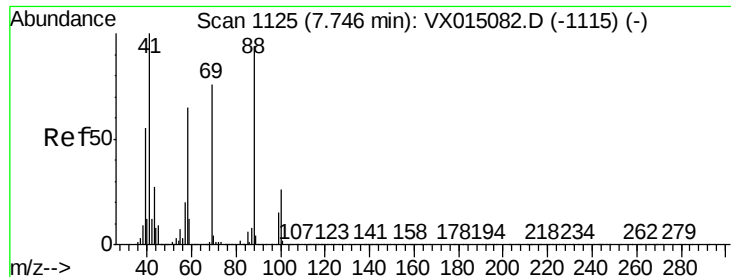
Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Tgt Ion:	41	Resp:	231582
Ion Ratio	Lower	Upper	
41	100		
69	81.8	65.4	98.2
39	55.8	44.6	67.0





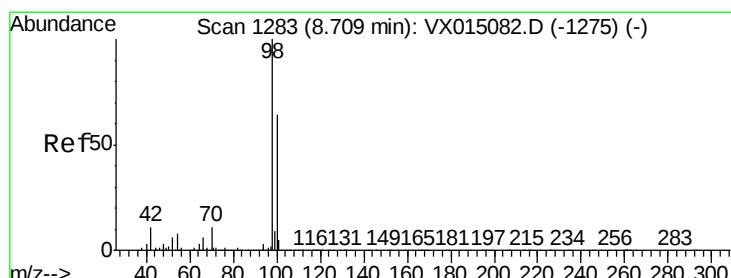
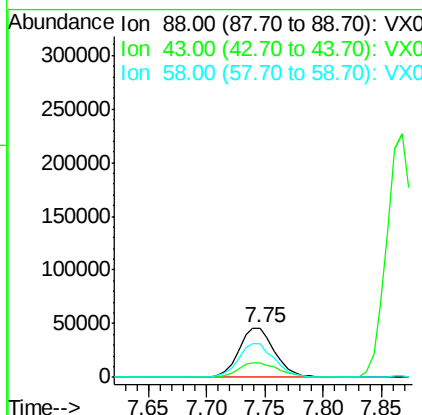
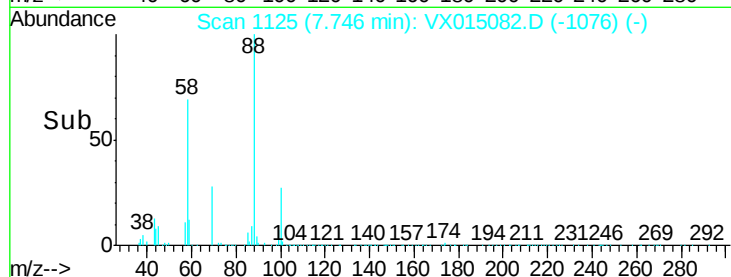
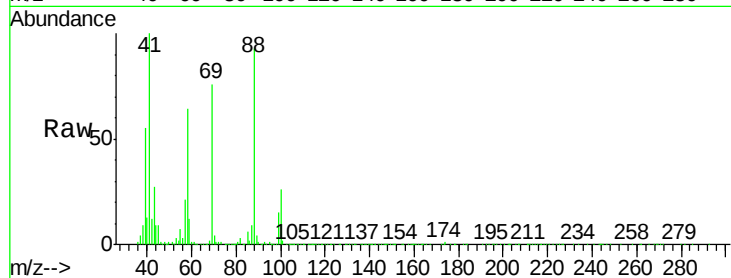
#49
1,4-Dioxane
Concen: 972.643 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	27.0	40.4
58	69.5	55.6	83.4

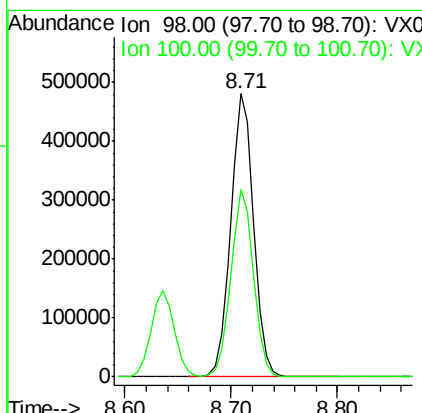
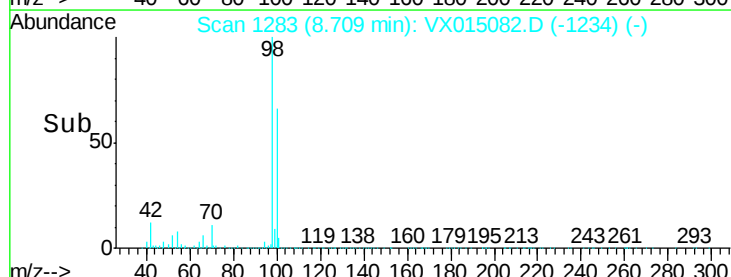
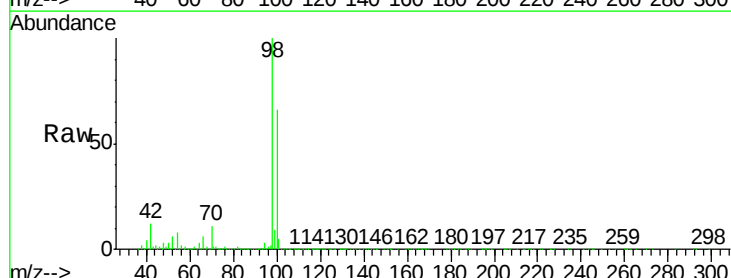
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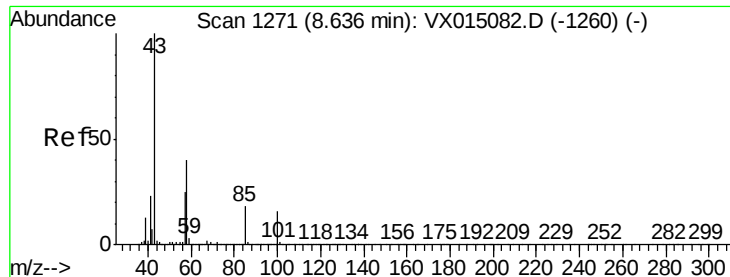
MMDadoda
3/5/2020 12:32:30 PM



#50
Toluene-d8
Concen: 49.885 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.4	78.6





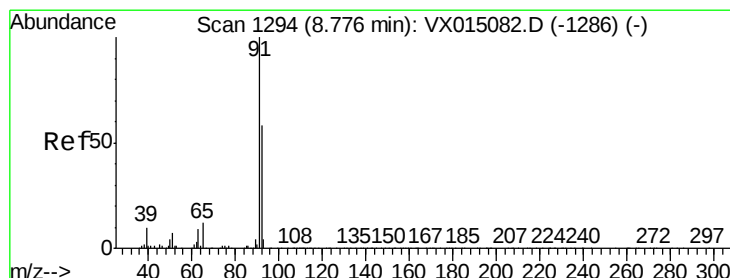
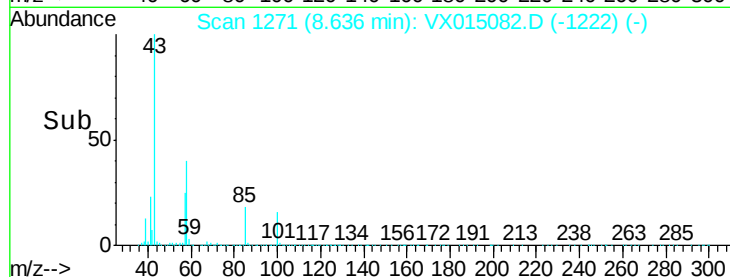
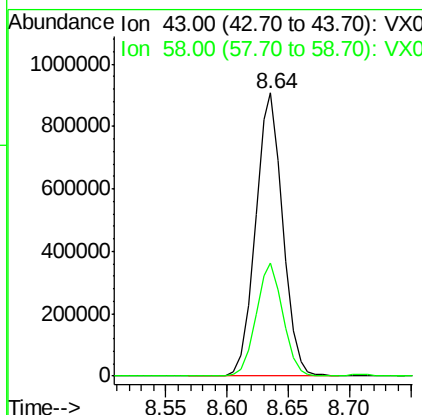
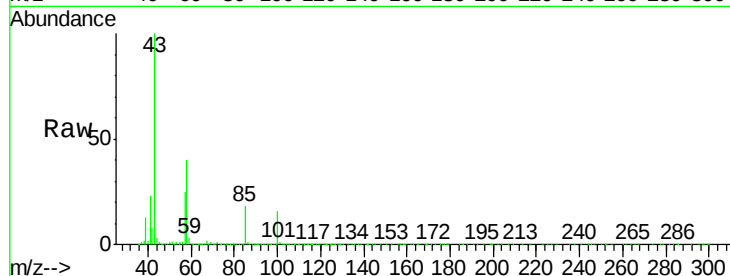
#51
4-Methyl-2-Pentanone
Concen: 260.061 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion: 43 Resp: 1402393
Ion Ratio Lower Upper
43 100
58 39.5 31.6 47.4

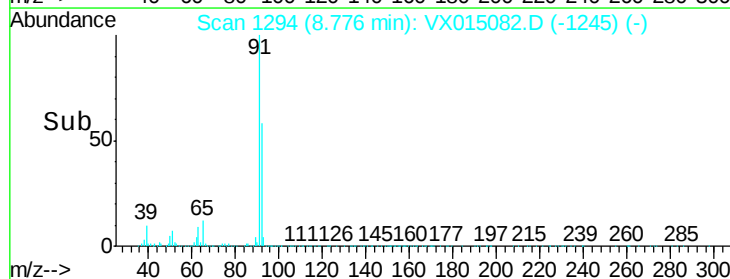
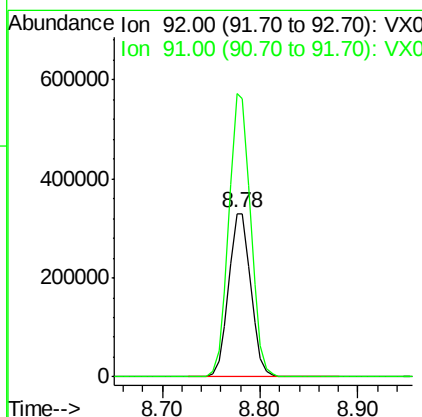
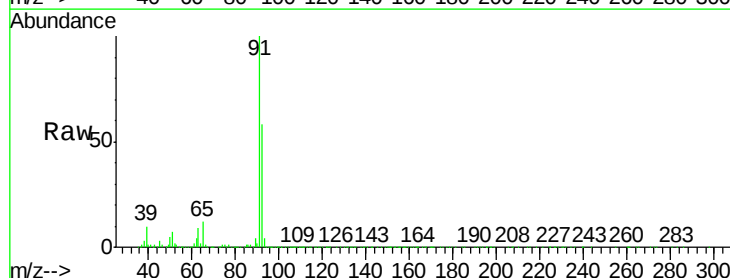
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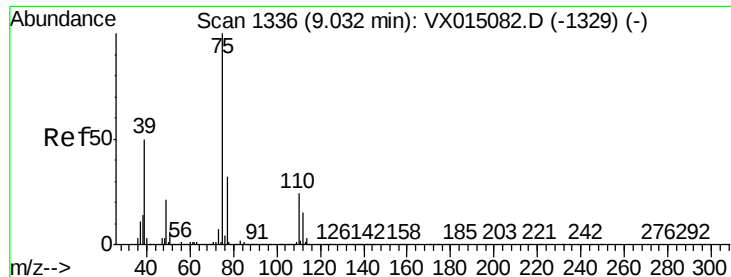
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#52
Toluene
Concen: 51.010 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion: 92 Resp: 517201
Ion Ratio Lower Upper
92 100
91 171.1 136.9 205.3





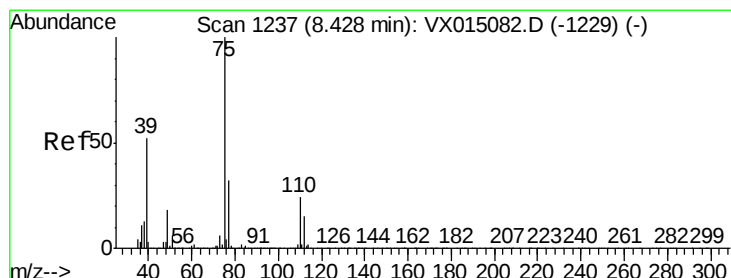
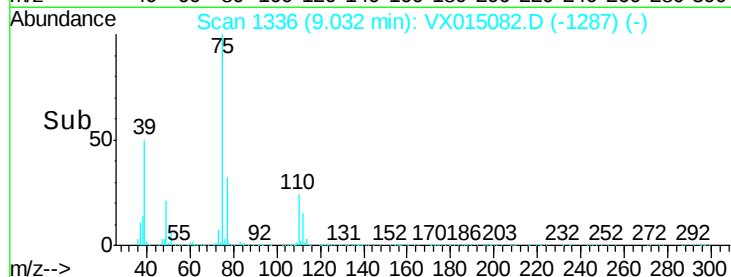
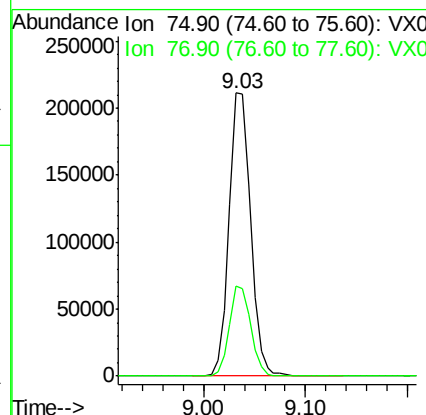
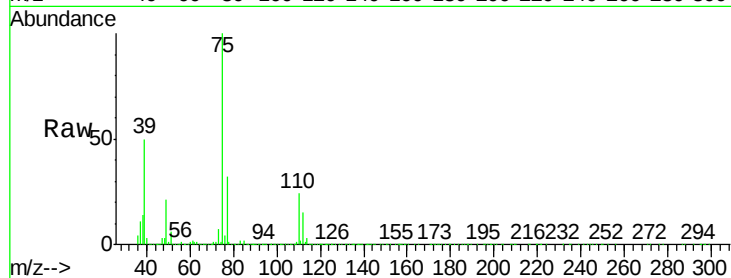
#53
t-1,3-Dichloropropene
Concen: 52.271 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.0

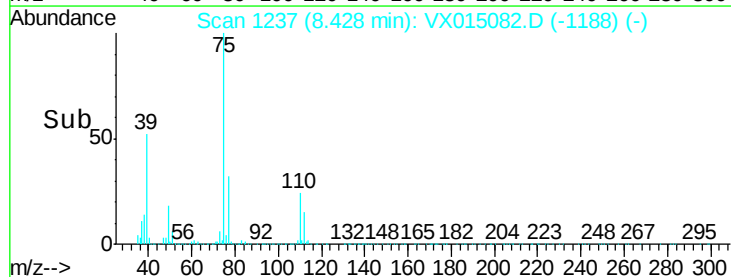
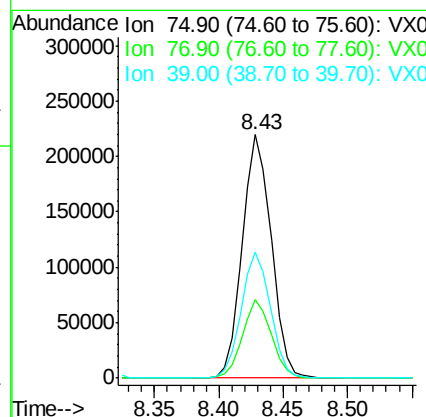
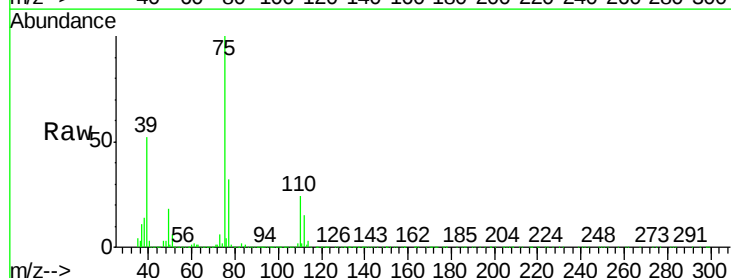
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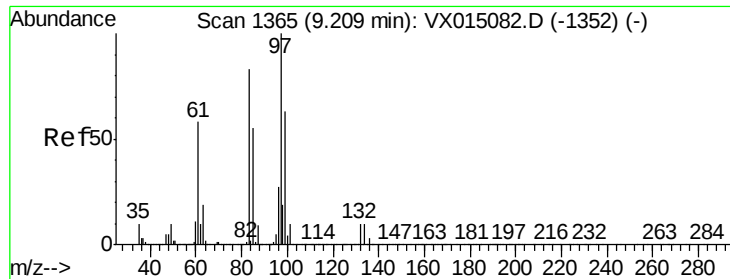
MMDadoda
3/5/2020 12:32:30 PM



#54
cis-1,3-Dichloropropene
Concen: 51.423 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.6
39	51.6	41.3	61.9





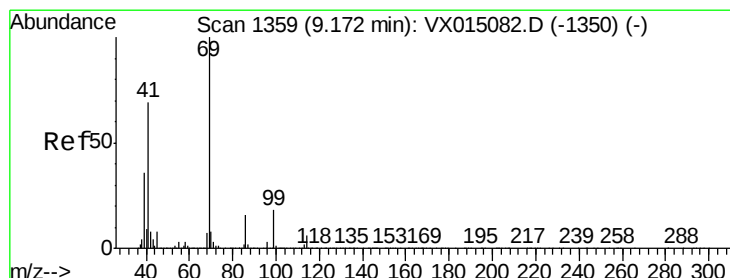
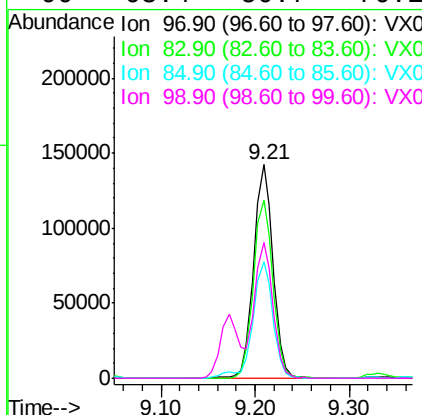
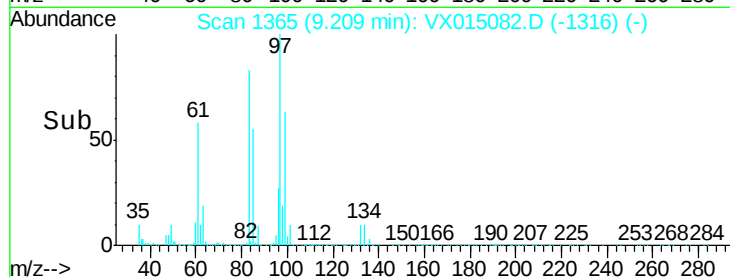
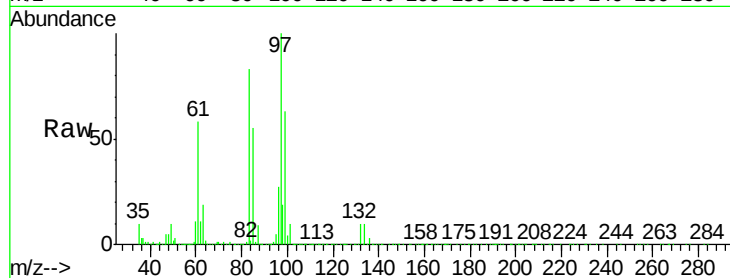
#55
 1,1,2-Trichloroethane
 Concen: 49.905 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		208280		
83	83.0	66.4	99.6		
85	54.4	43.5	65.3		
99	63.4	50.7	76.1		

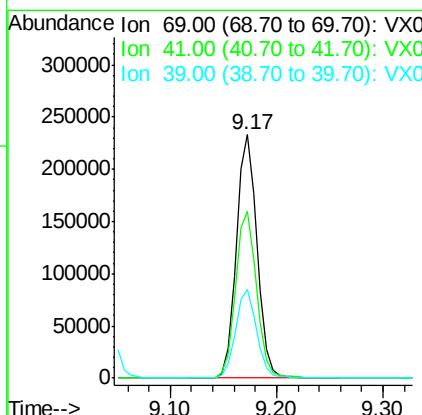
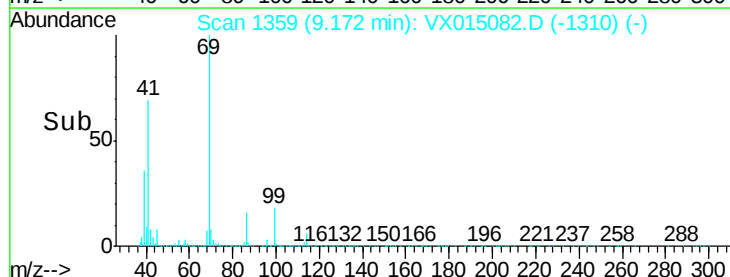
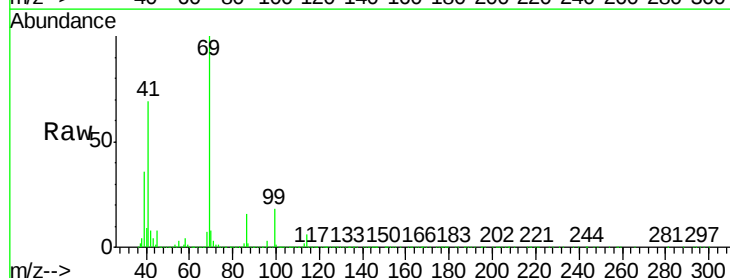
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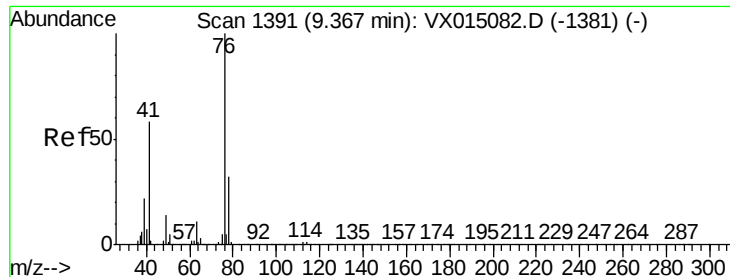
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#56
 Ethyl methacrylate
 Concen: 53.340 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		317486		
41	69.8	55.8	83.8		
39	36.8	29.4	44.2		





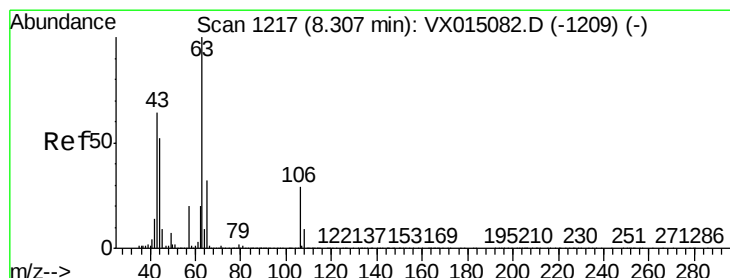
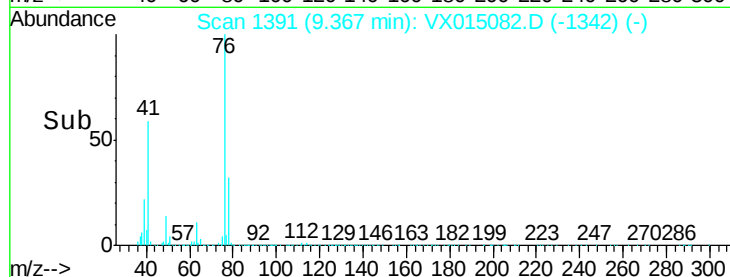
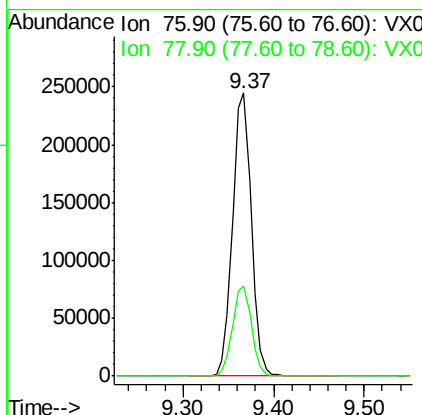
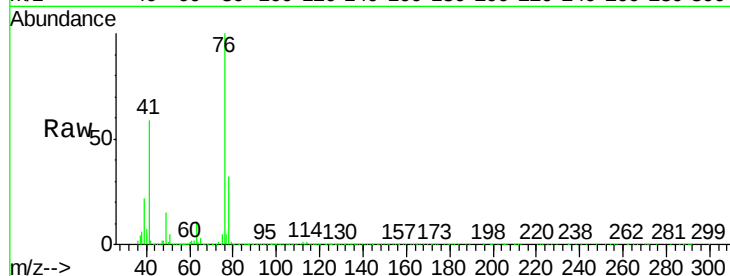
#57
 1,3-Dichloropropane
 Concen: 49.996 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.6	38.4

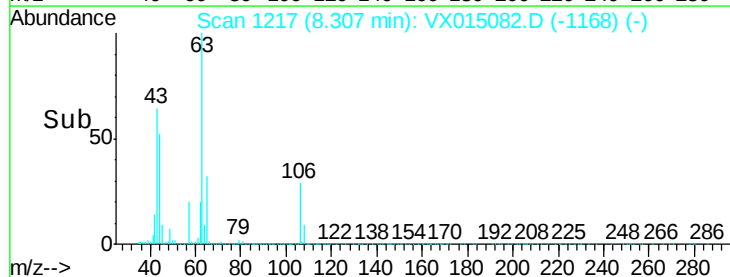
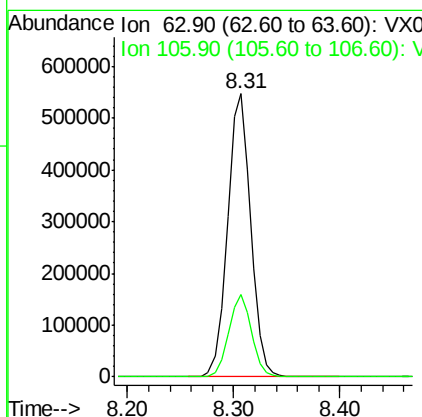
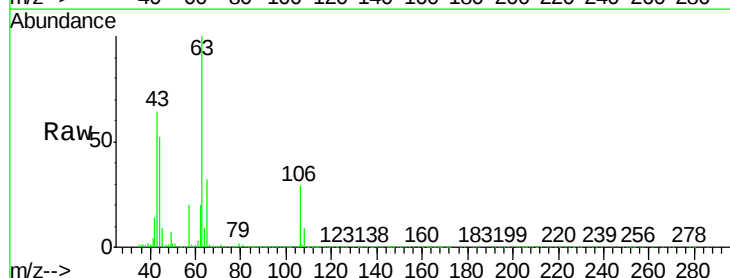
Manual Integrations
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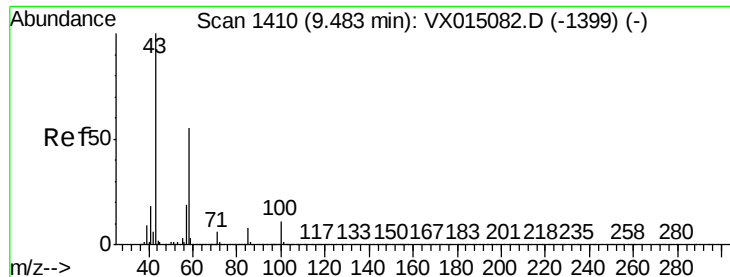
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 3/5/2020 12:32:30 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.526 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	22.8	34.2





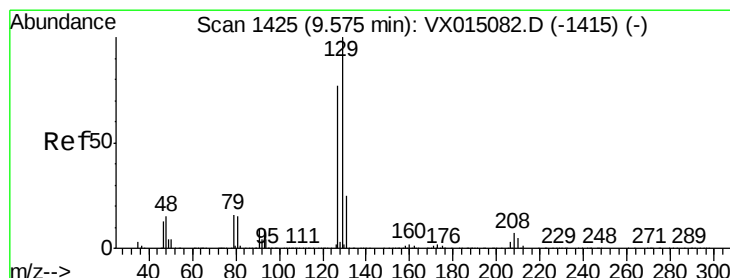
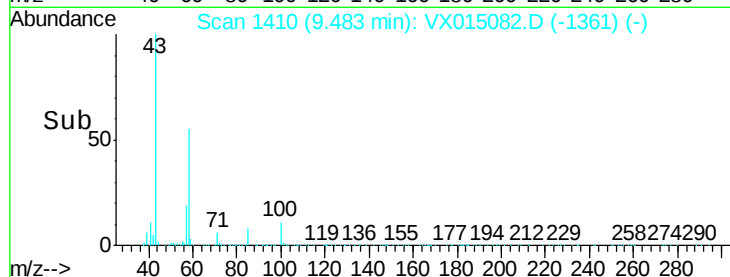
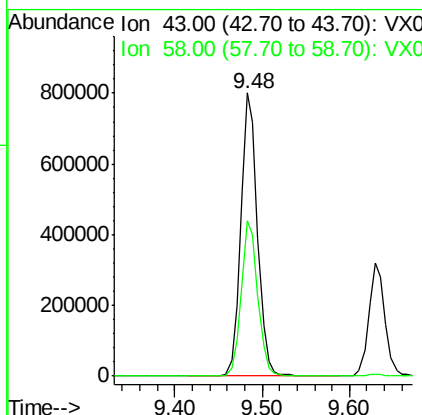
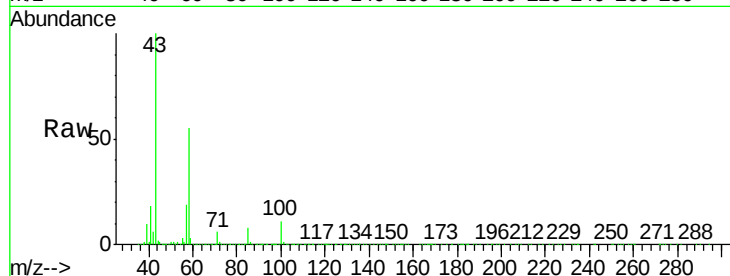
#59
2-Hexanone
Concen: 266.178 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 1063828
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8

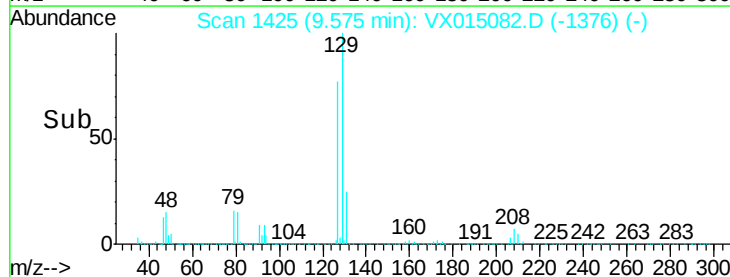
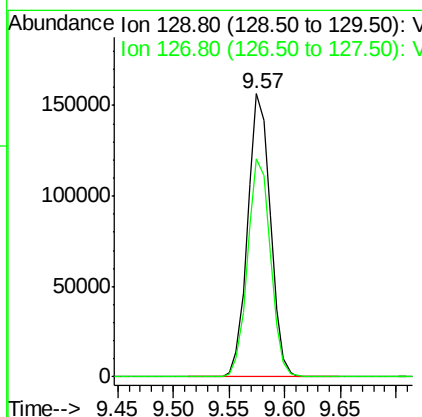
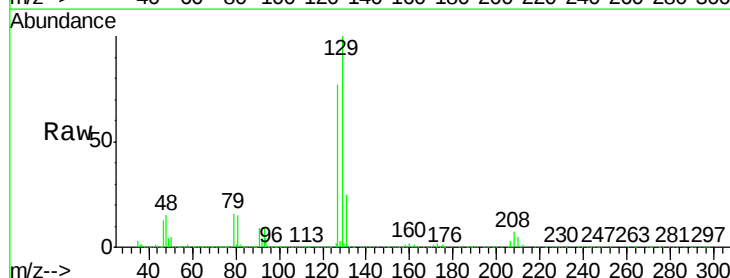
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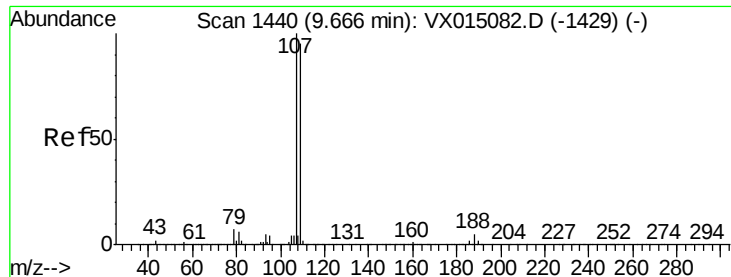
MMDadoda
3/5/2020 12:32:30 PM



#60
Dibromochloromethane
Concen: 50.754 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion: 129 Resp: 222512
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3





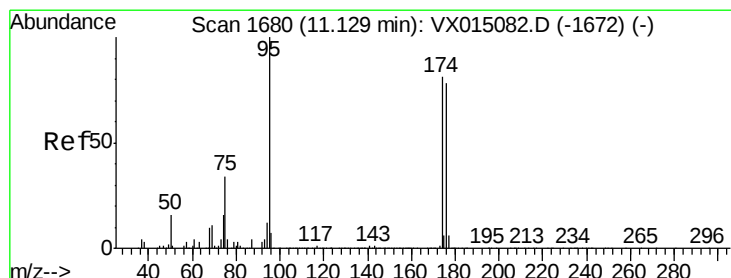
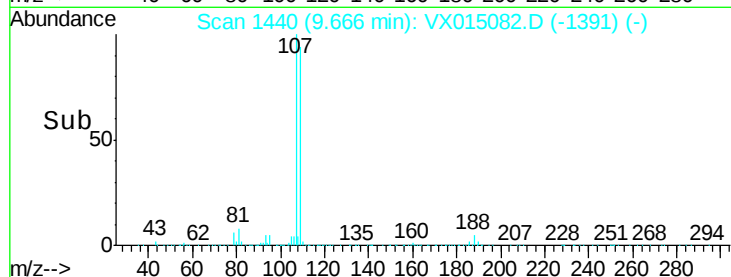
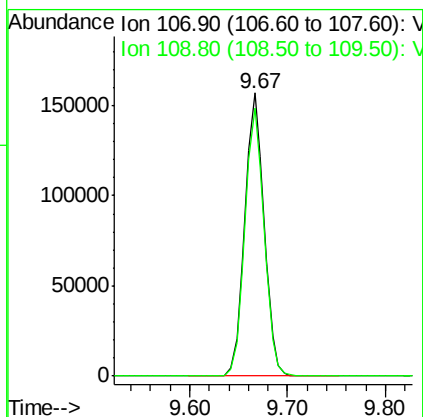
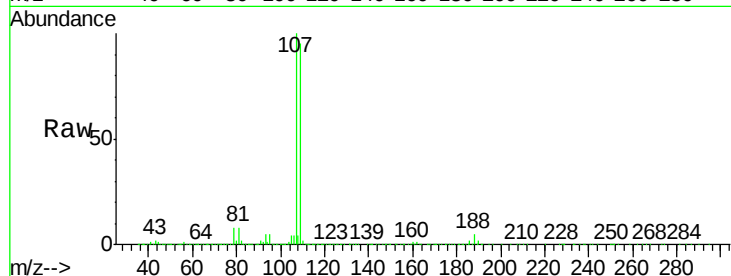
#61
 1,2-Dibromoethane
 Concen: 49.159 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.6	113.4

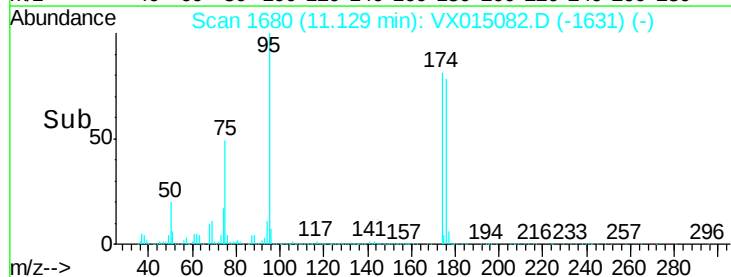
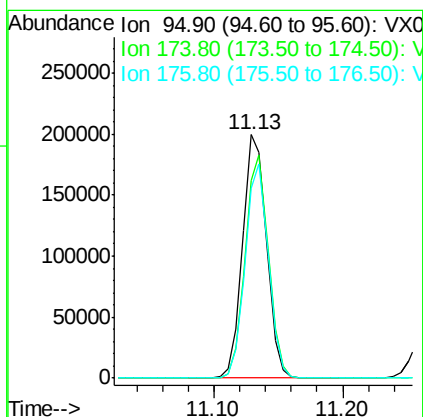
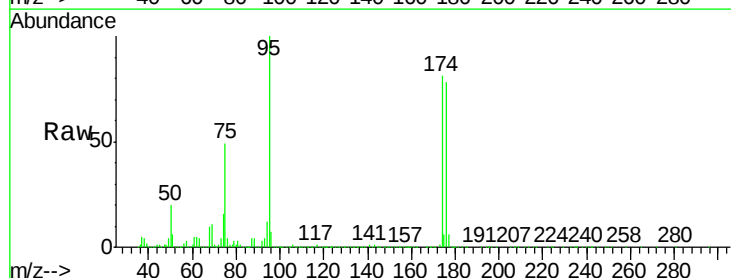
Manual Integrations
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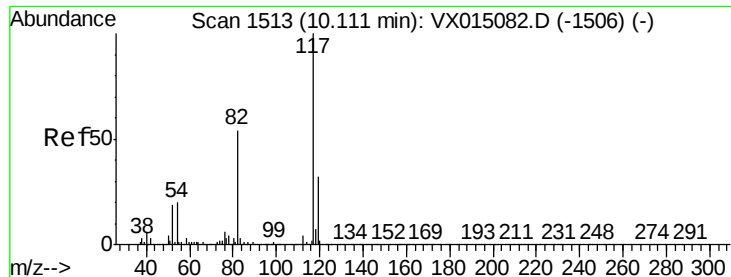
MMDadoda
 3/5/2020 12:32:30 PM



#62
 4-Bromofluorobenzene
 Concen: 49.153 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	177.6
176	85.1	0.0	170.2





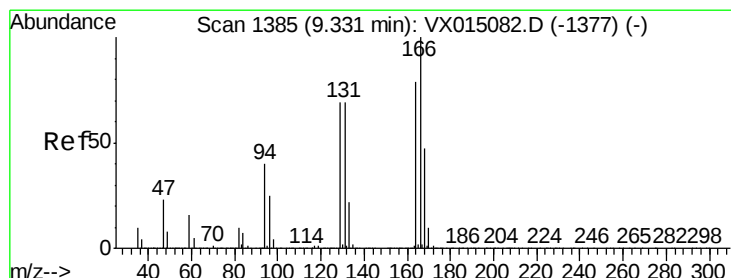
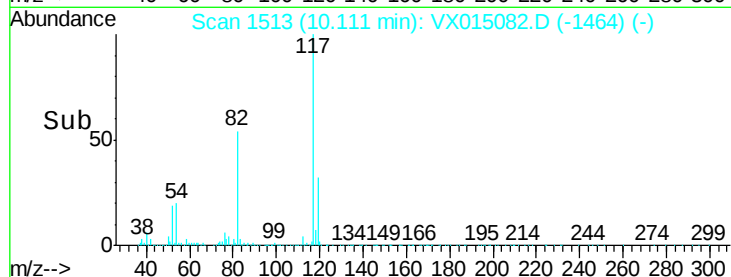
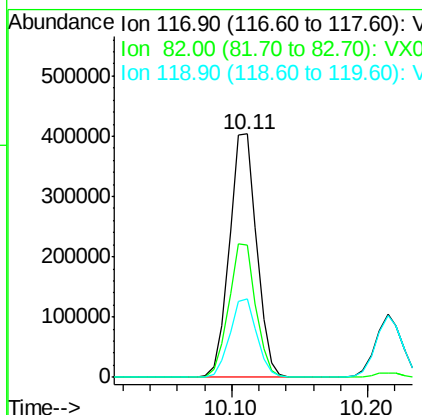
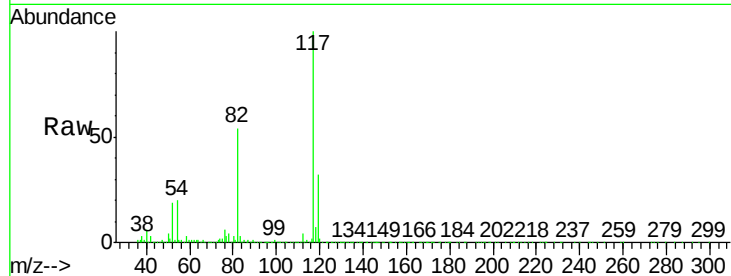
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.3	64.9
119	32.3	25.8	38.8

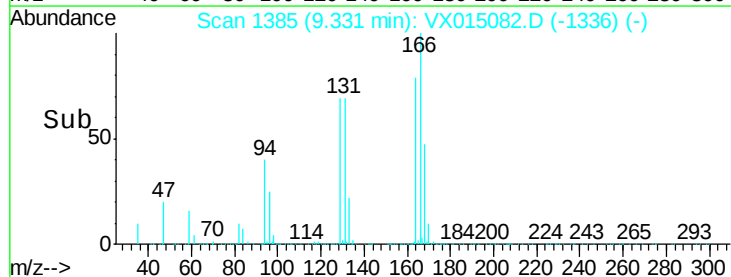
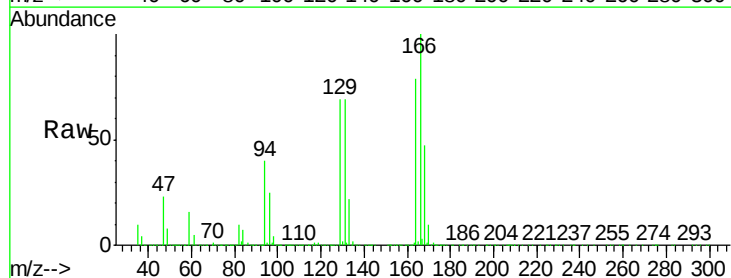
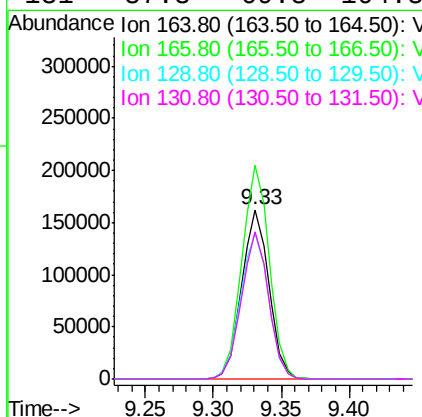
Manual Integrations
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3/5/2020 12:32:30 PM



#64
Tetrachloroethene
Concen: 48.864 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	101.1	151.7
129	86.7	69.4	104.0
131	87.3	69.8	104.8





#65

Chlorobenzene

Concen: 49.146 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:112 Resp: 553675

Ion Ratio Lower Upper

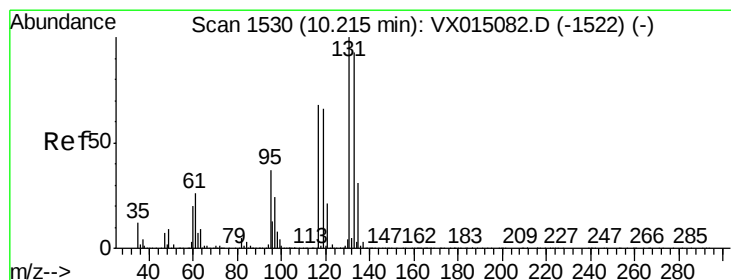
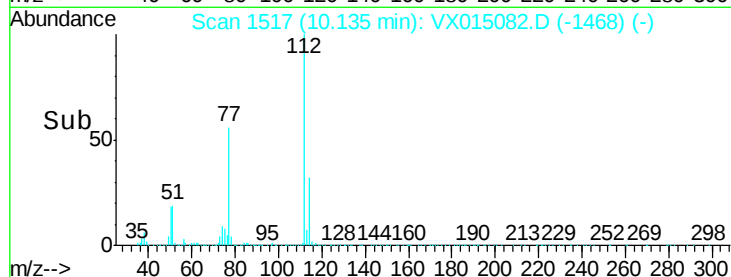
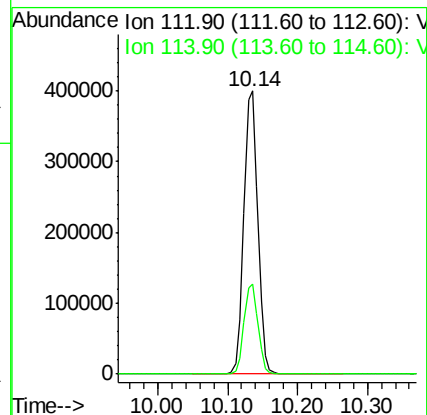
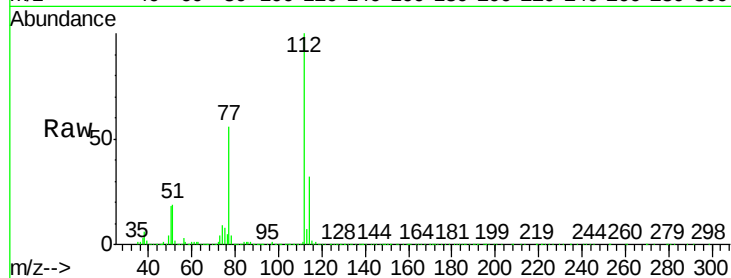
112 100

114 31.9 25.5 38.3

Manual Integrations
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3/5/2020 12:32:30 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 48.820 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

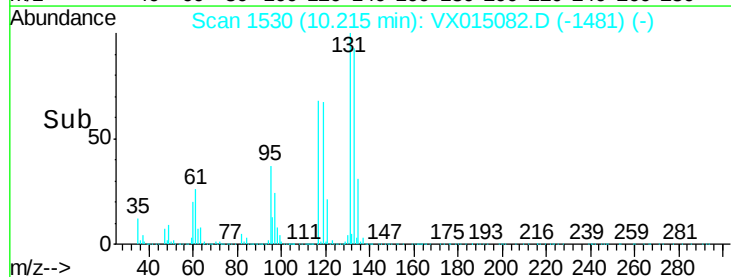
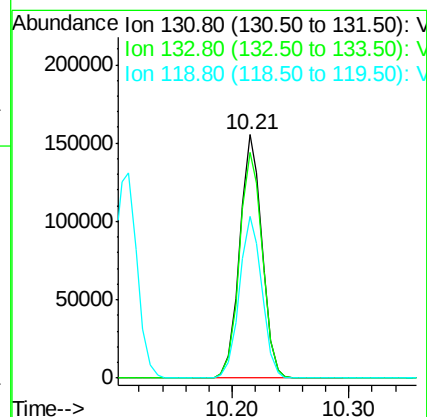
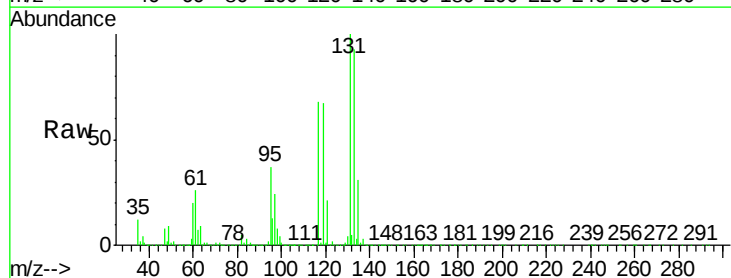
Tgt Ion:131 Resp: 207391

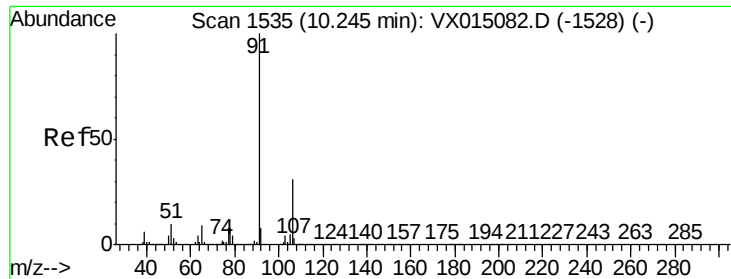
Ion Ratio Lower Upper

131 100

133 95.0 47.5 142.5

119 66.7 33.4 100.1





#67

Ethyl Benzene

Concen: 50.902 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 973800

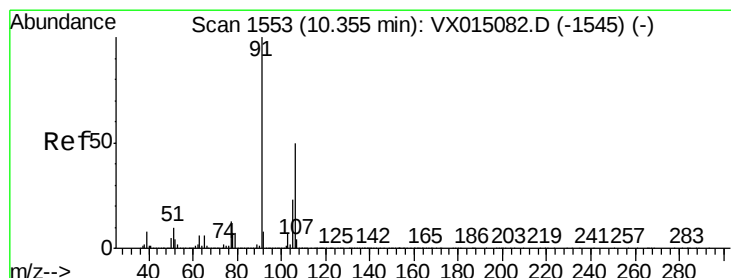
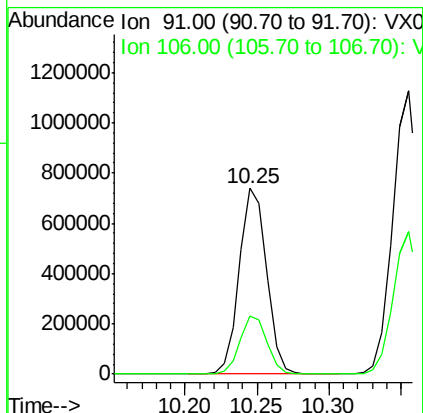
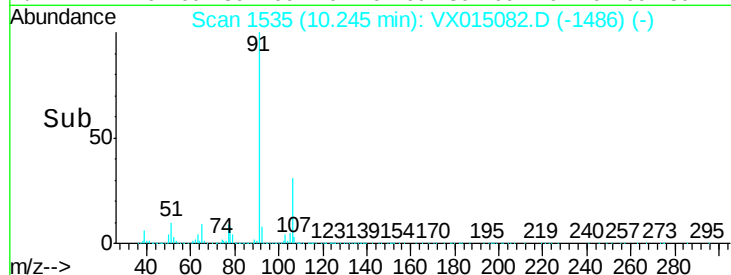
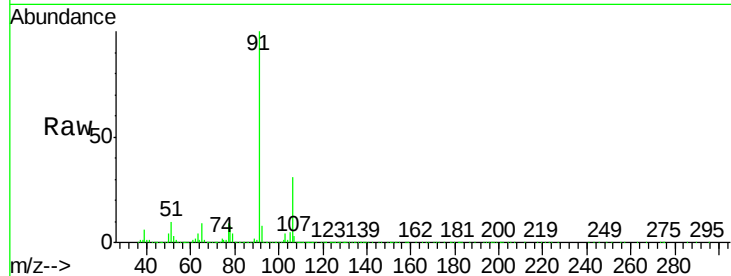
Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3

Manual Integrations
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3/5/2020 12:32:30 PM



#68

m/p-Xylenes

Concen: 102.558 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015082.D

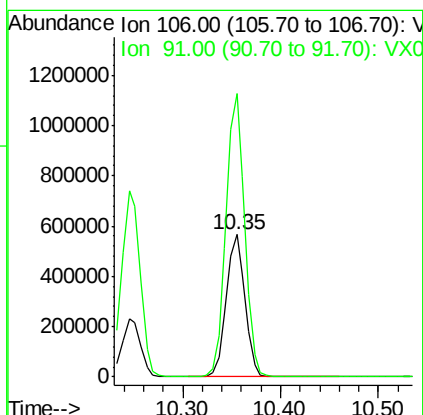
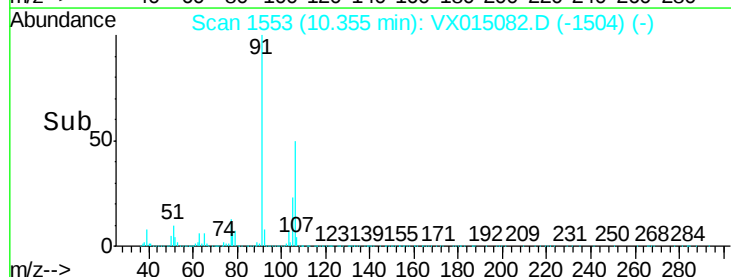
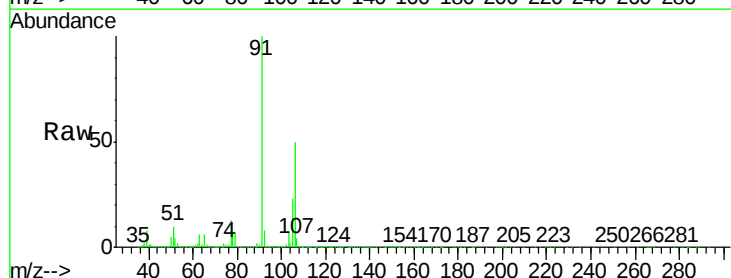
Acq: 04 Mar 2020 09:47

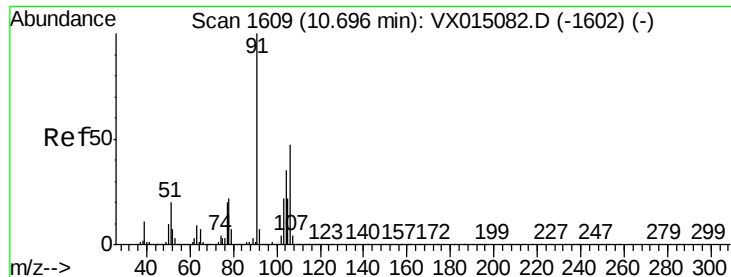
Tgt Ion: 106 Resp: 746479

Ion Ratio Lower Upper

106 100

91 199.3 159.4 239.2





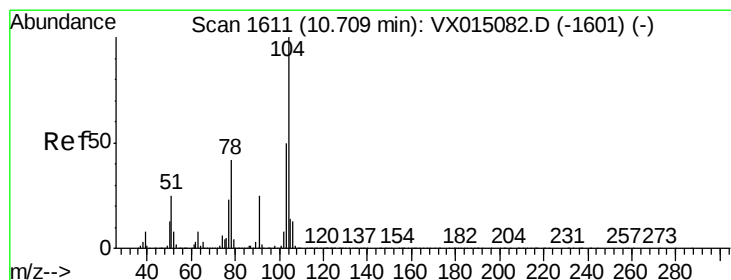
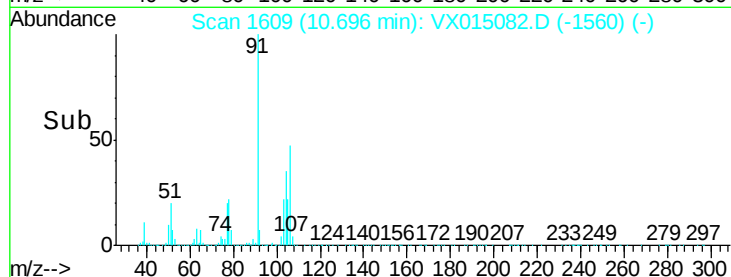
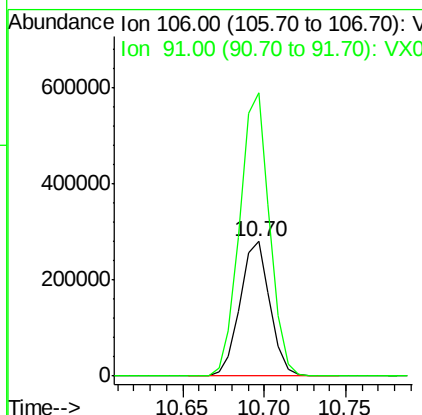
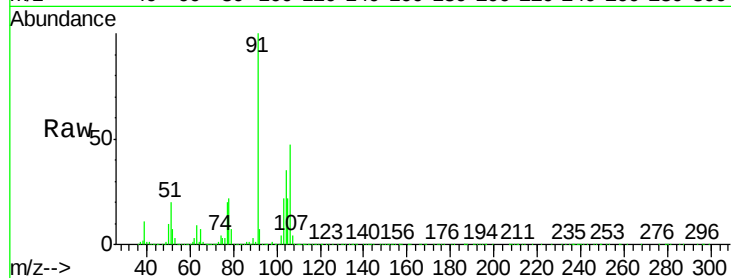
#69
o-Xylene
Concen: 51.108 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.7	105.4	316.1

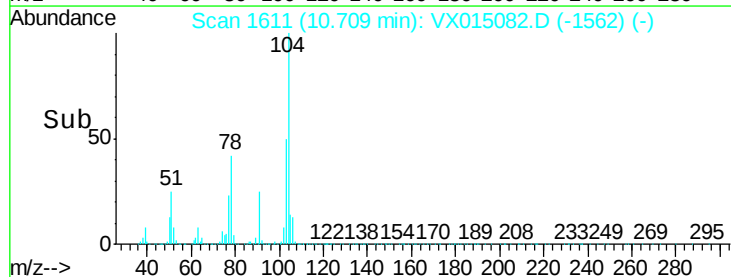
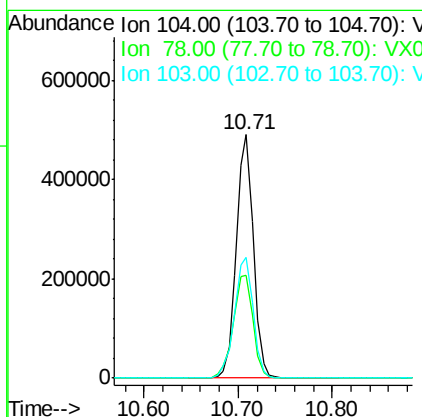
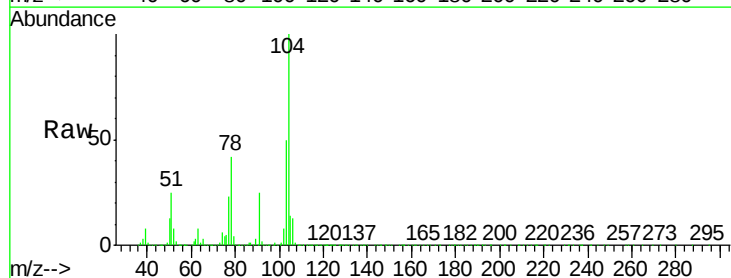
Manual Integrations
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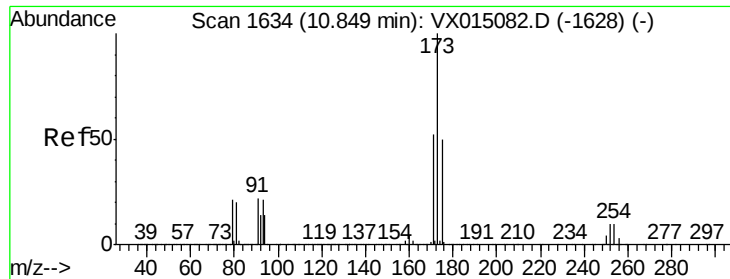
MMDadoda
3/5/2020 12:32:30 PM



#70
Styrene
Concen: 51.736 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.7	39.0	58.4
103	54.6	43.7	65.5





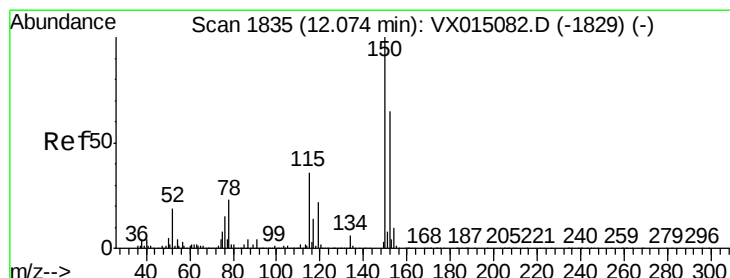
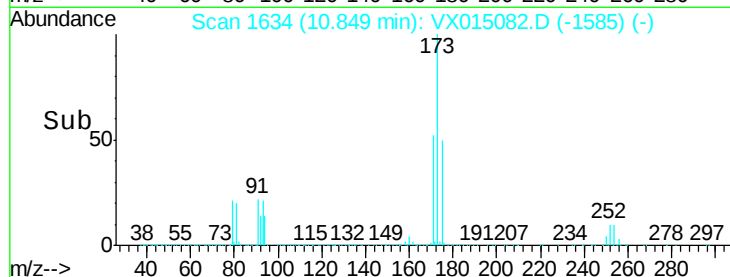
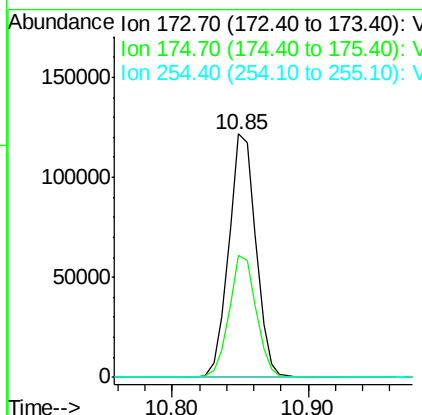
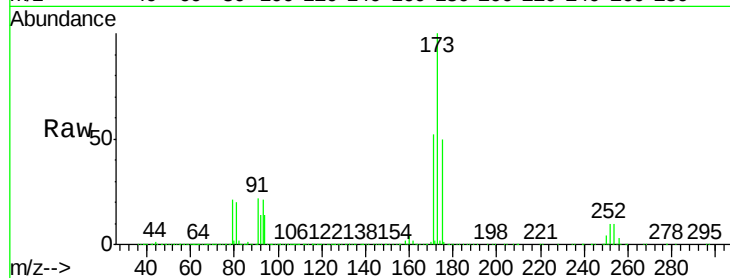
#71
Bromoform
Concen: 51.132 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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

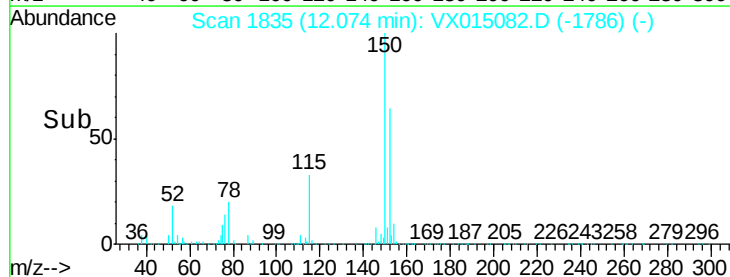
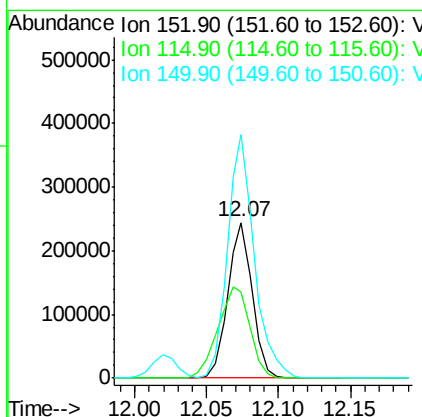
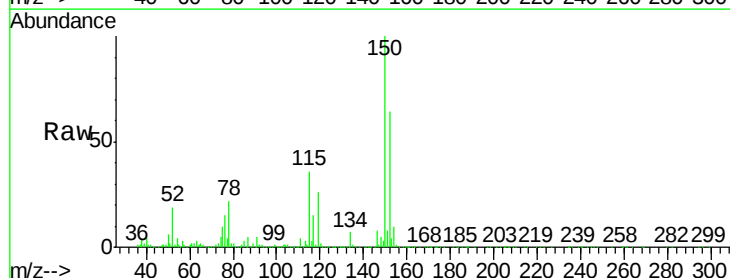
Manual Integrations
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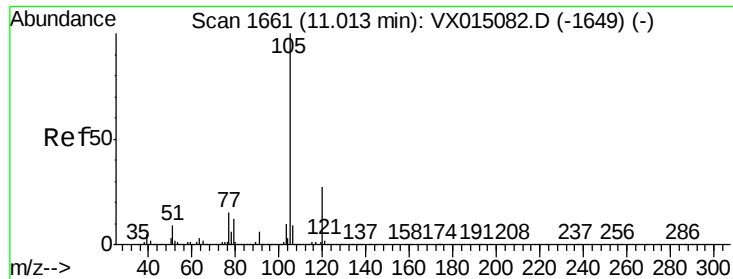
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3/5/2020 12:32:30 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.4	38.2	114.6
150	171.9	0.0	343.8





#73

Isopropylbenzene

Concen: 51.878 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 963782

Ion Ratio Lower Upper

105 100

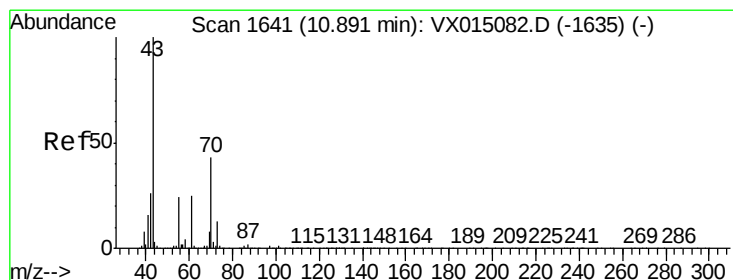
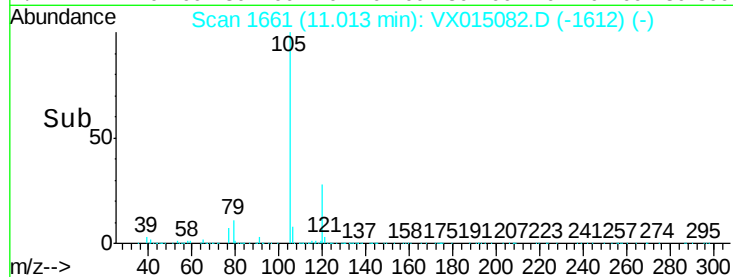
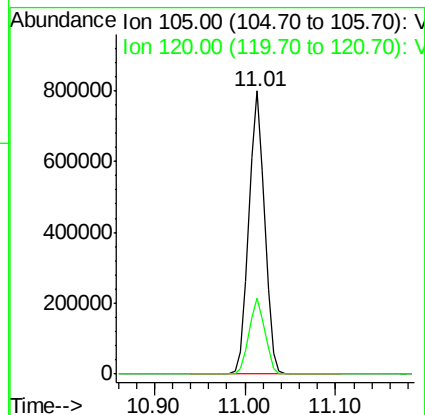
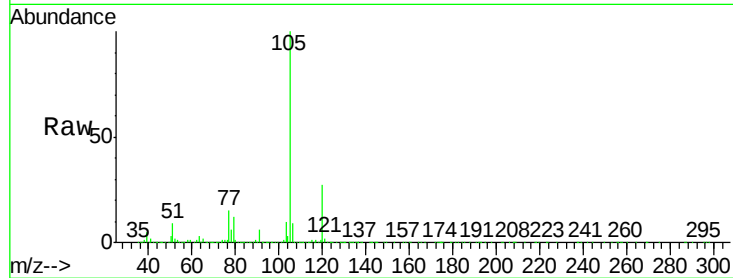
120 27.0

13.5 40.5

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3/5/2020 12:32:30 PM



#74

N-ethyl acetate

Concen: 52.073 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Tgt Ion: 43 Resp: 407691

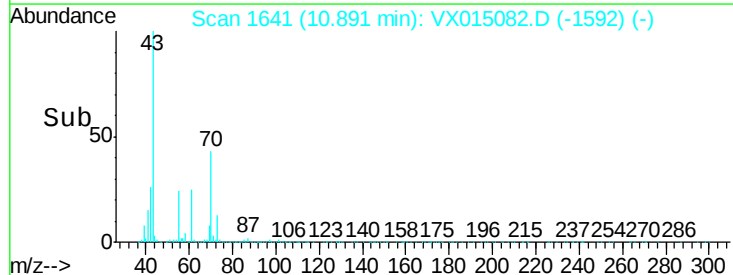
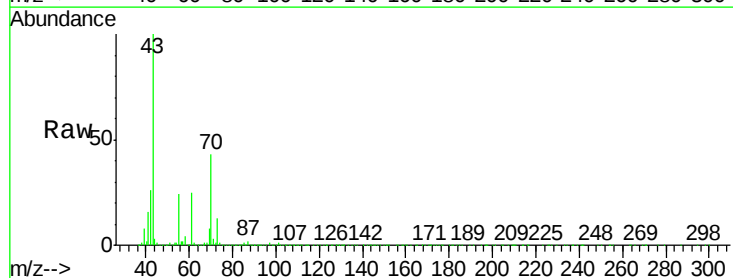
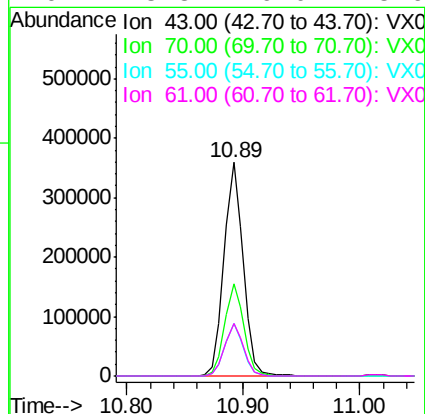
Ion Ratio Lower Upper

43 100

70 43.4 34.7 52.1

55 24.2 19.4 29.0

61 23.8 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.375 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

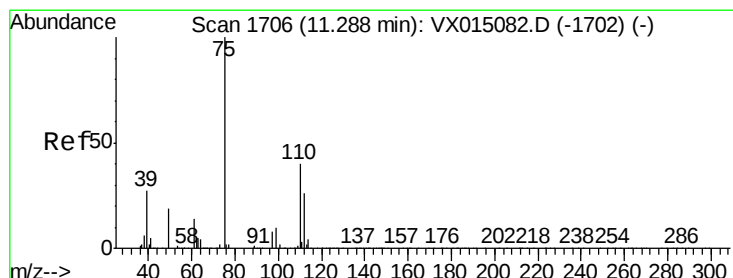
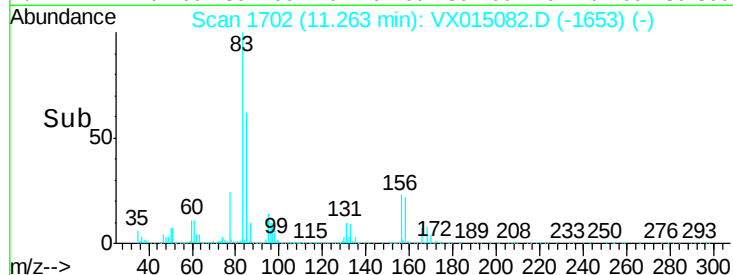
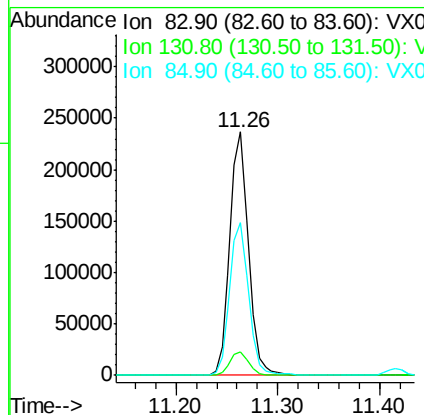
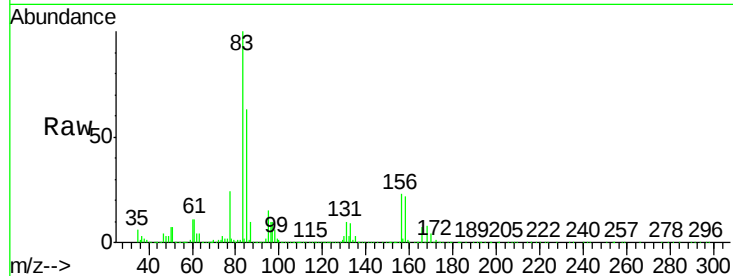
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	299501
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	14.9
85	63.9	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.708 ug/l m

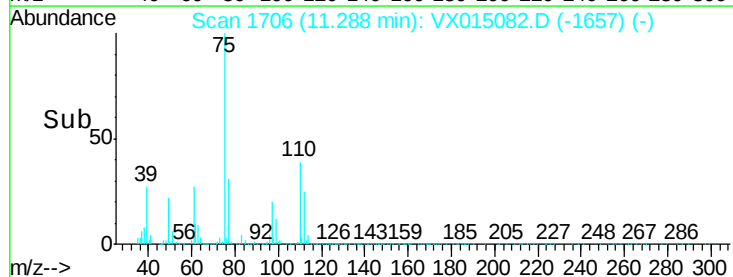
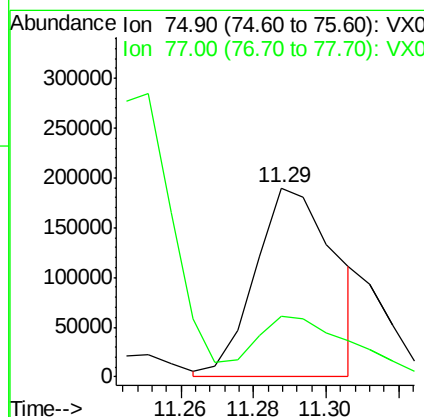
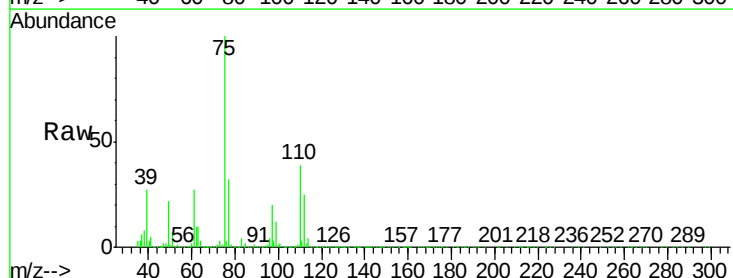
RT: 11.29 min Scan# 1706

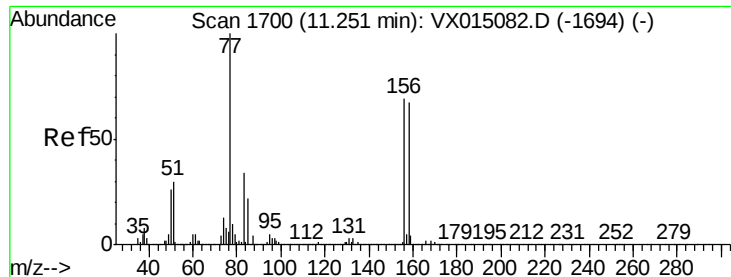
Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Tgt Ion:	75	Resp:	289408
Ion Ratio	Lower	Upper	
75	100		
77	38.9	22.6	67.8





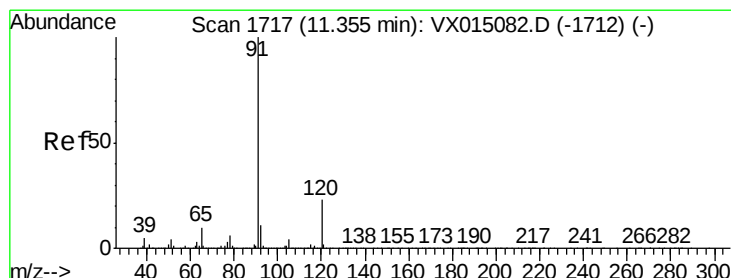
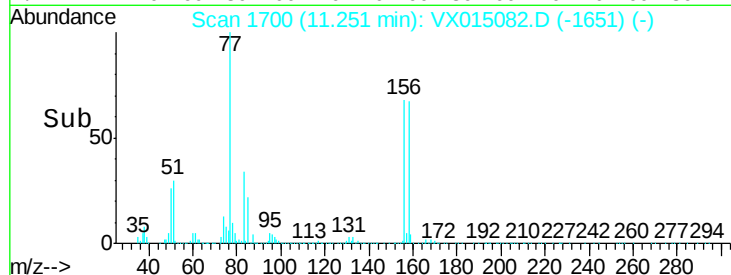
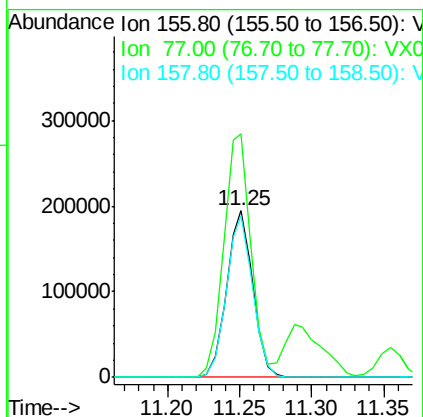
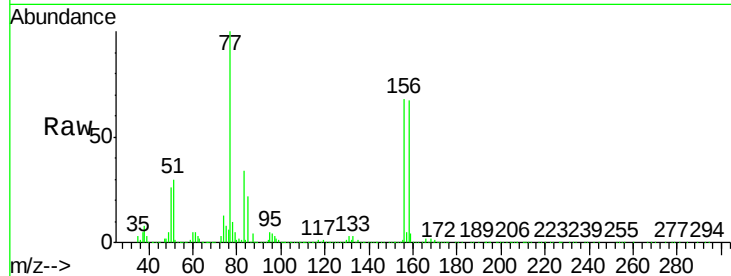
#77
Bromobenzene
Concen: 48.108 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.6	75.3	225.9
158	97.1	48.5	145.6

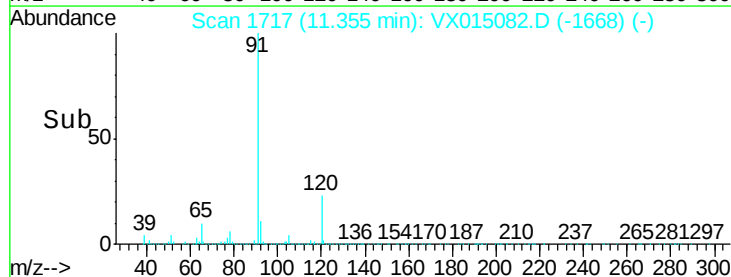
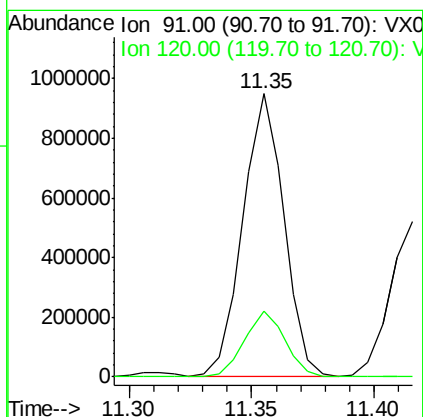
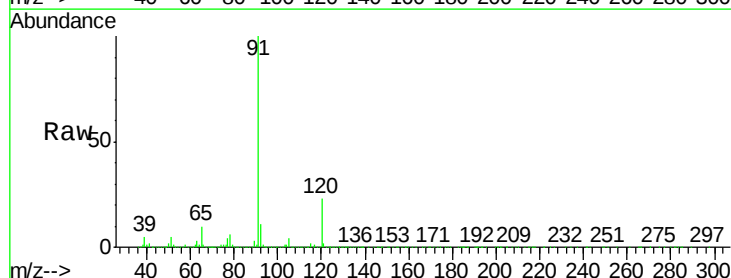
Manual Integrations
APPROVED

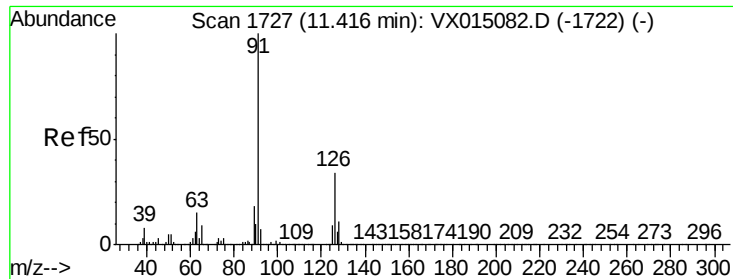
MMDadoda
3/5/2020 12:32:30 PM



#78
n-propylbenzene
Concen: 52.008 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.7	35.1





#79

2-Chlorotoluene

Concen: 50.007 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 91 Resp: 633836

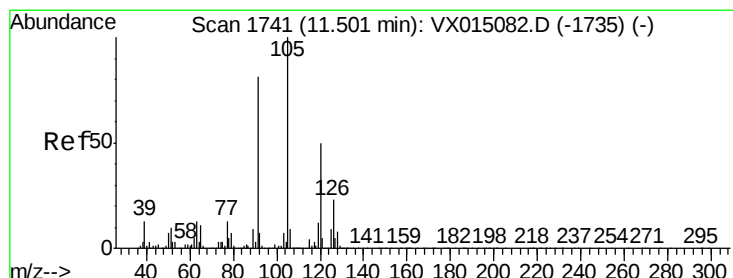
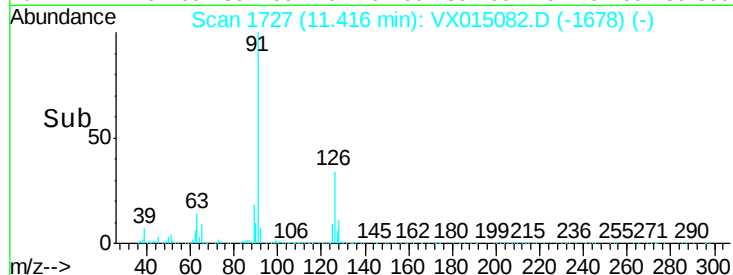
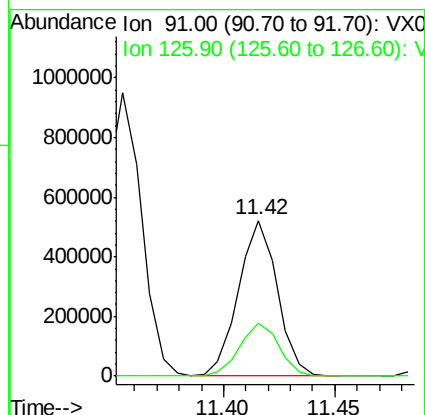
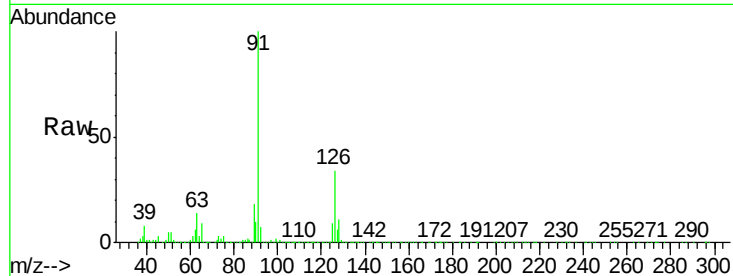
Ion Ratio Lower Upper

91 100

126 34.7 17.3 52.0

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 51.540 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015082.D

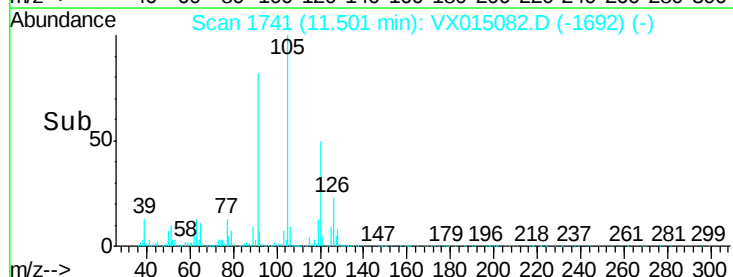
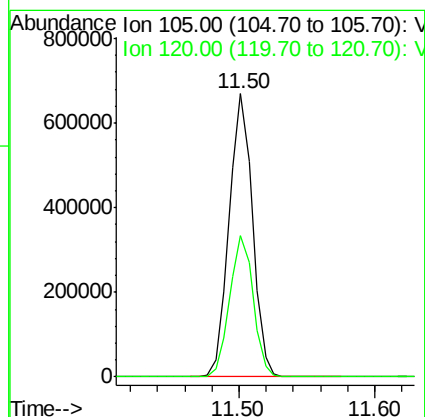
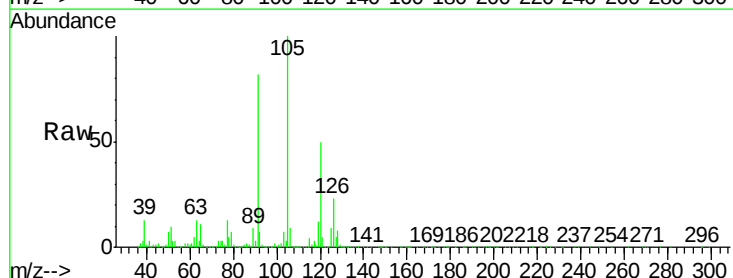
Acq: 04 Mar 2020 09:47

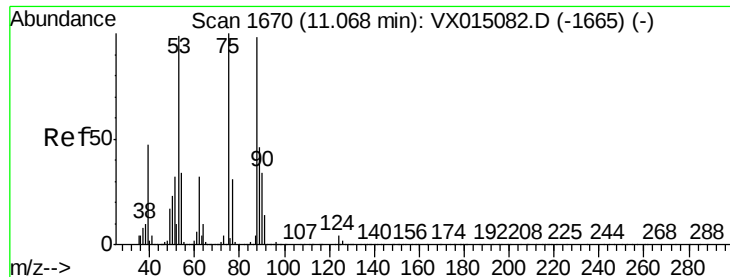
Tgt Ion: 105 Resp: 797079

Ion Ratio Lower Upper

105 100

120 50.3 25.1 75.4





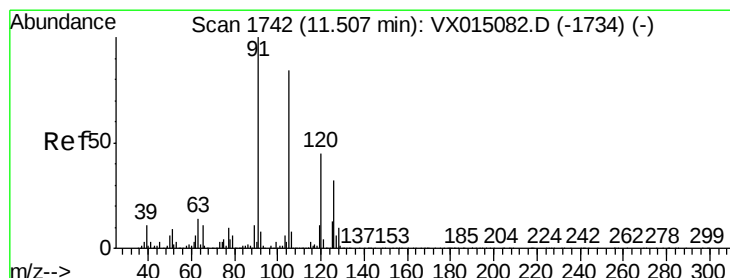
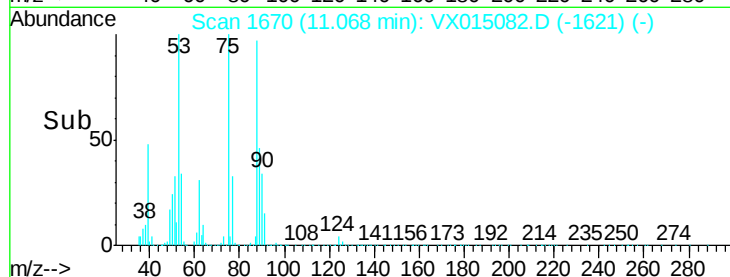
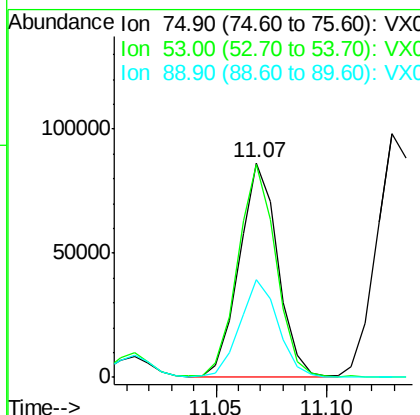
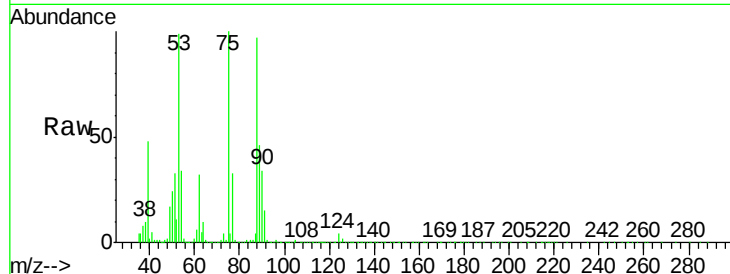
#81
trans-1,4-Dichloro-2-butene
Concen: 50.840 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.4	77.9	116.9
89	45.2	36.2	54.2

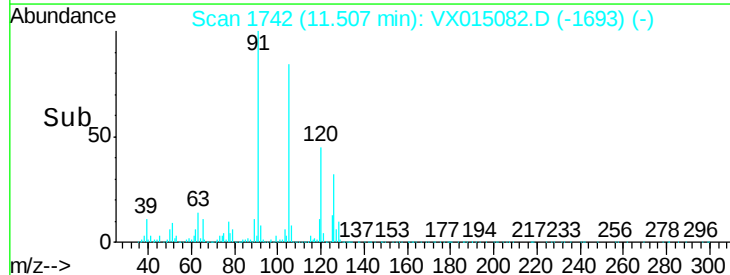
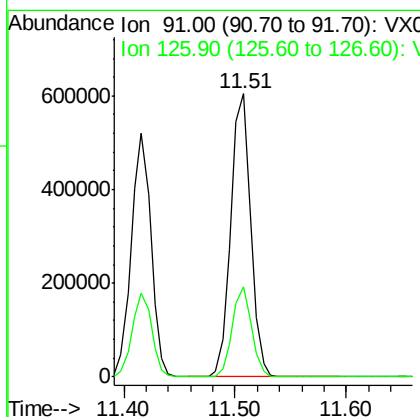
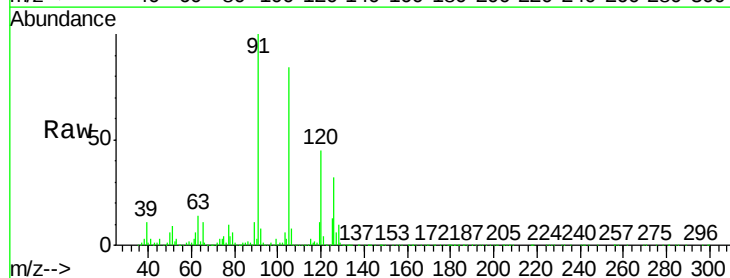
Manual Integrations
APPROVED

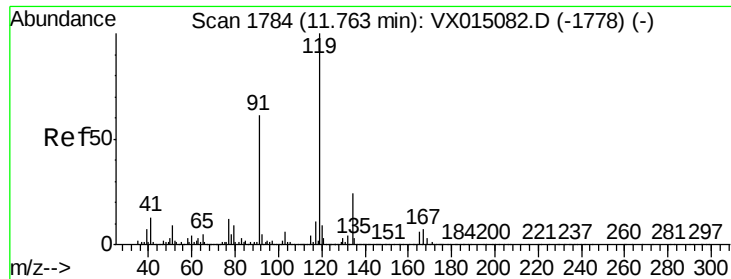
MMDadoda
3/5/2020 12:32:30 PM



#82
4-Chlorotoluene
Concen: 49.960 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.4	46.2





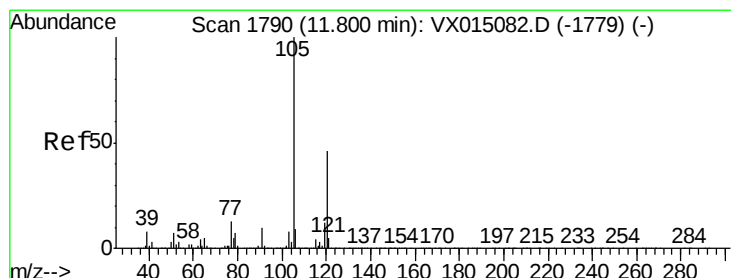
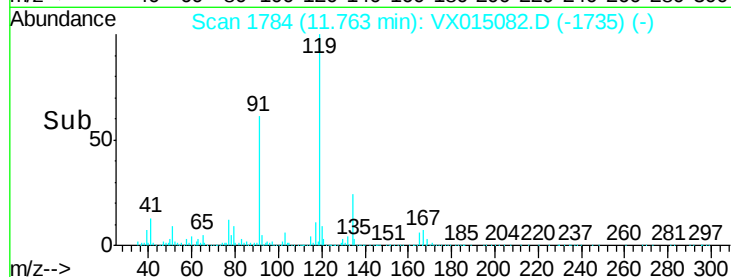
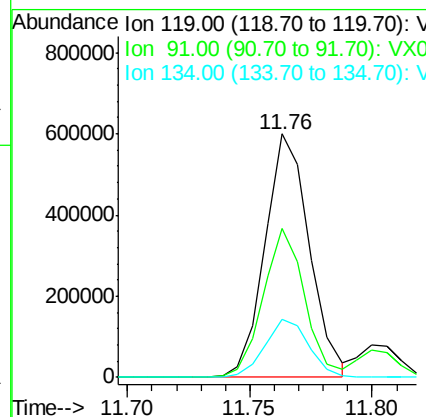
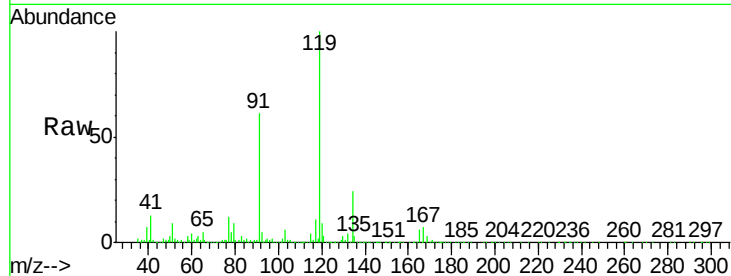
#83
tert-Butylbenzene
Concen: 51.030 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	763088		
91	57.1	28.5	85.6	
134	23.8	11.9	35.7	

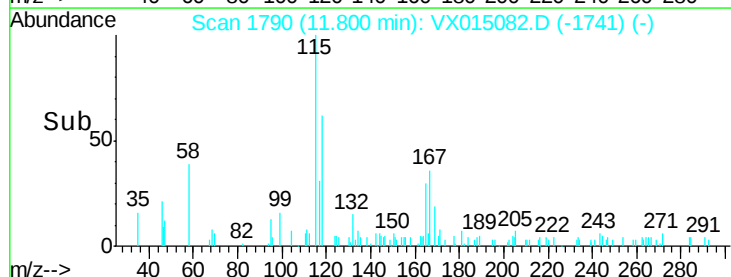
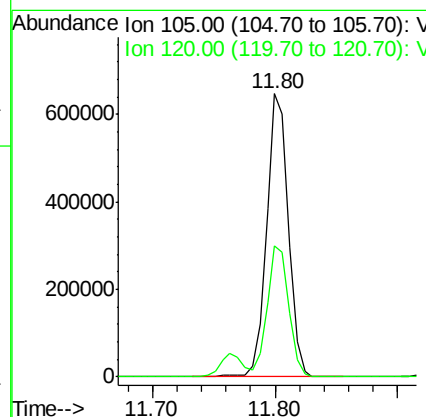
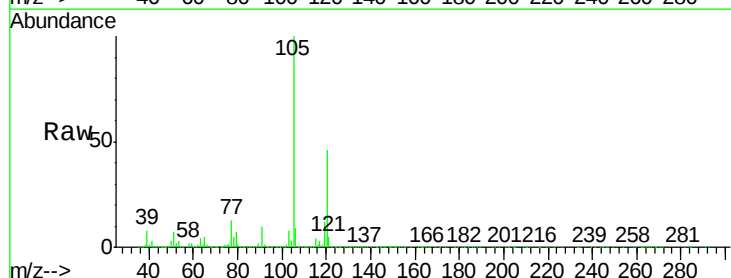
Manual Integrations
APPROVED

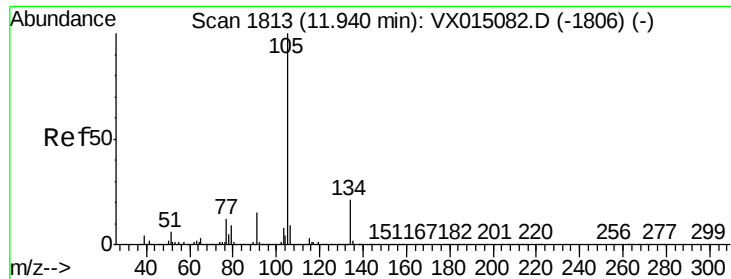
MMDadoda
3/5/2020 12:32:30 PM



#84
1,2,4-Trimethylbenzene
Concen: 51.552 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	800927		
120	45.7	22.9	68.5	





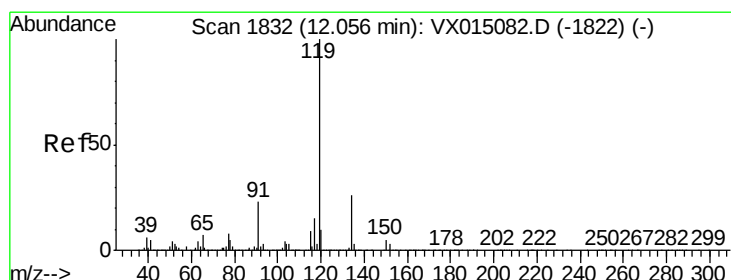
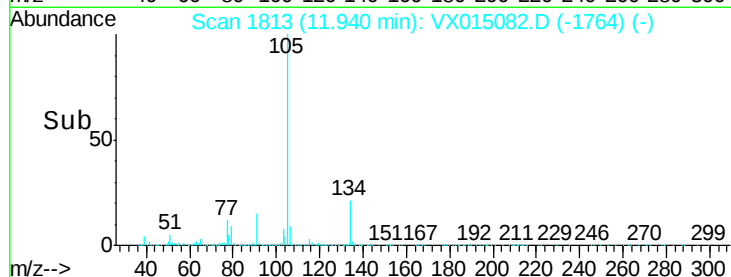
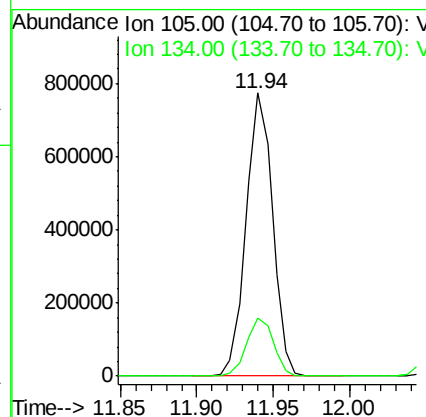
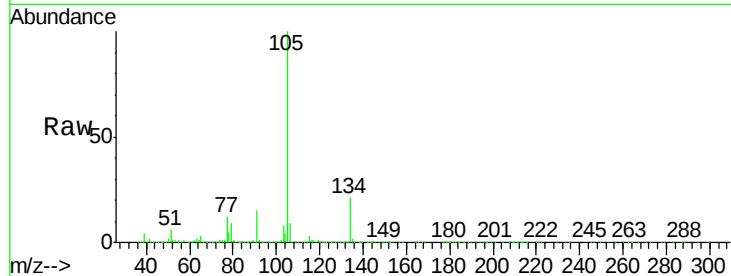
#85
 sec-Butylbenzene
 Concen: 51.636 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.4	31.2

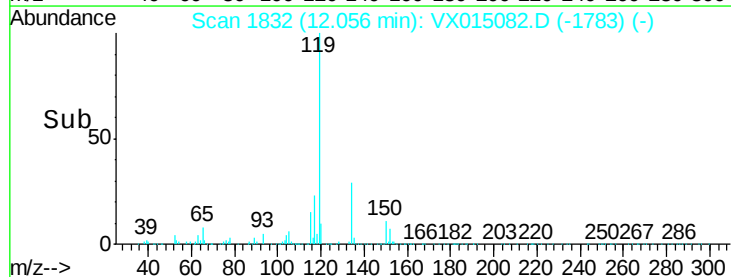
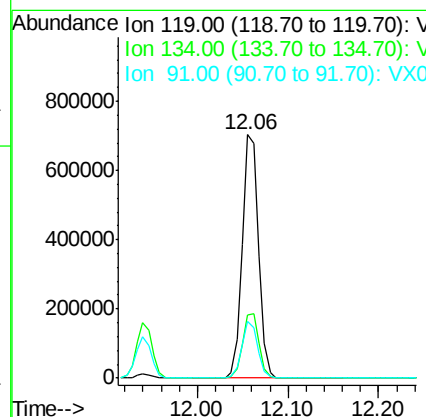
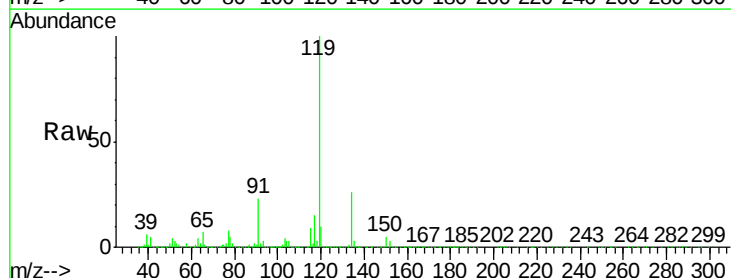
Manual Integrations
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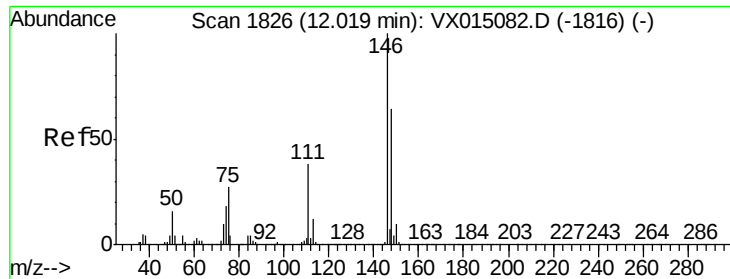
MMDadoda
 3/5/2020 12:32:30 PM



#86
 p-Isopropyltoluene
 Concen: 52.308 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.4	40.1
91	22.5	11.3	33.8





#87

1,3-Dichlorobenzene

Concen: 48.928 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

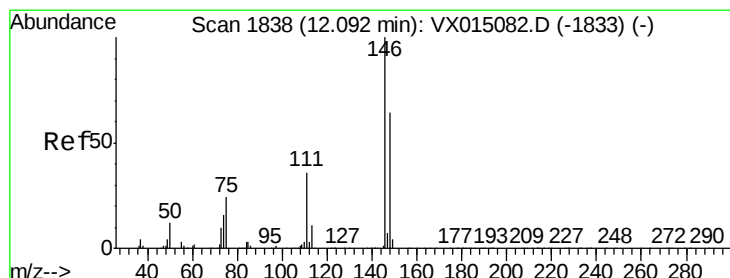
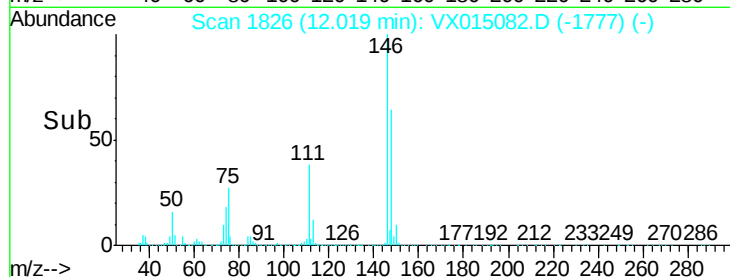
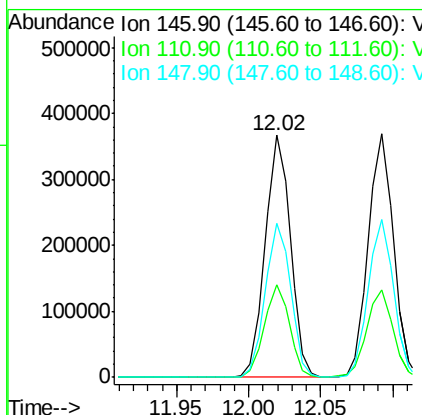
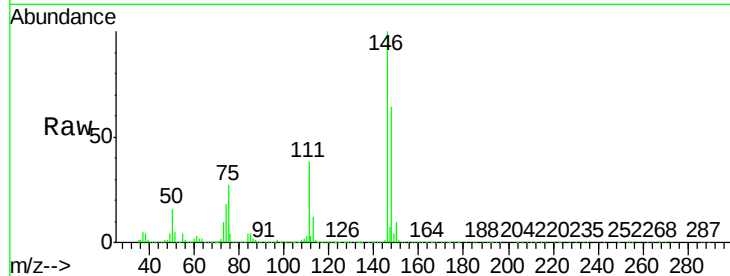
Instrument :
MSVOA_X

ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	63.7	31.9	95.5

Manual Integrations
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3/5/2020 12:32:30 PM



#88

1,4-Dichlorobenzene

Concen: 48.350 ug/l

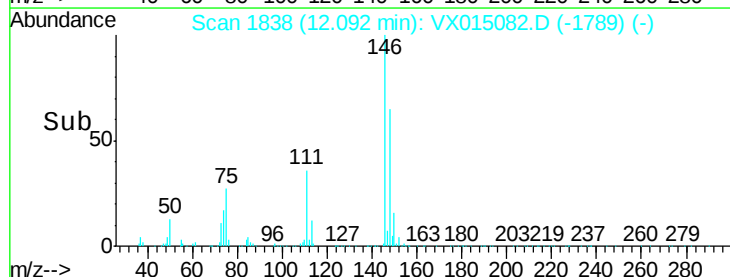
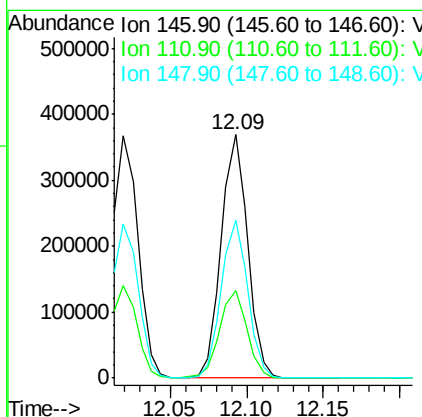
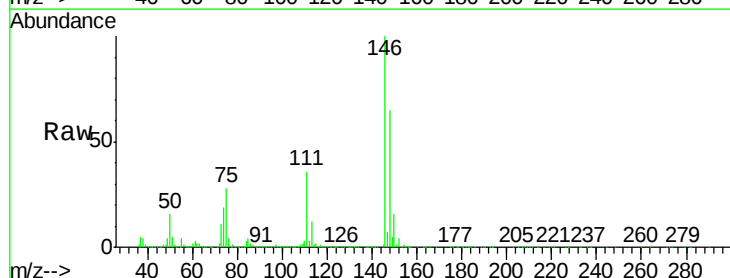
RT: 12.09 min Scan# 1838

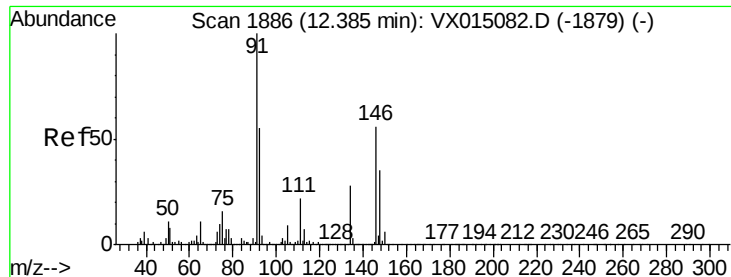
Delta R.T. 0.00 min

Lab File: VX015082.D

Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	64.9	32.5	97.4





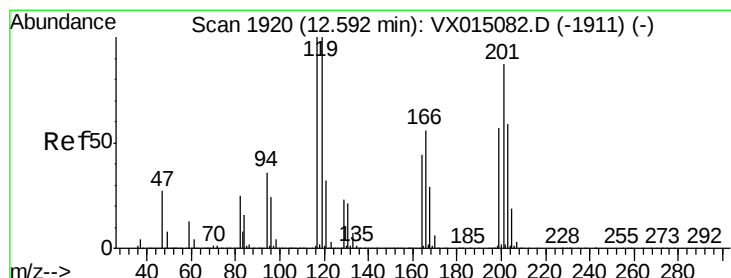
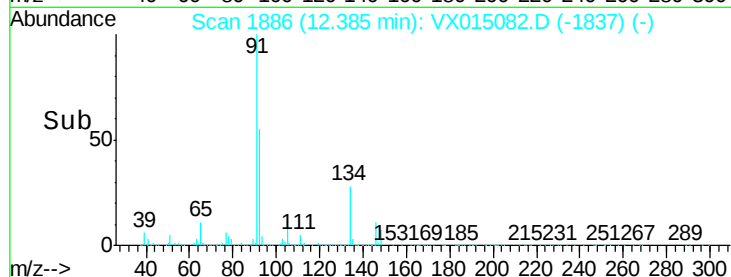
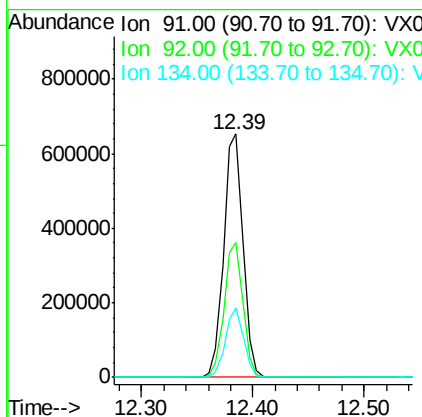
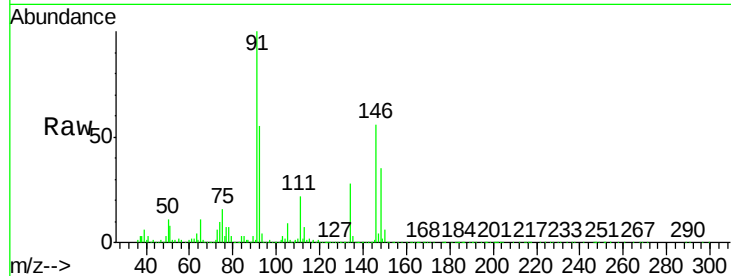
#89
n-Butylbenzene
Concen: 52.683 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.6
134	27.0	13.5	40.5

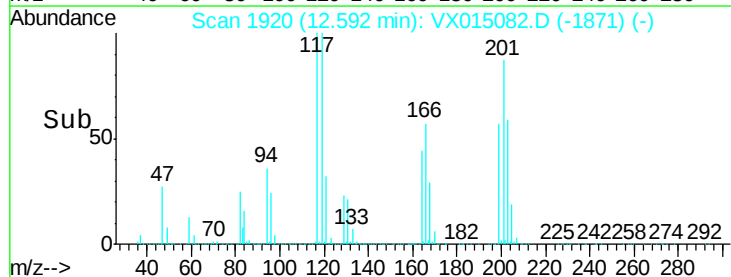
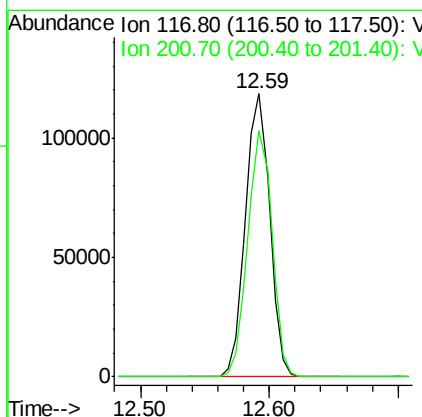
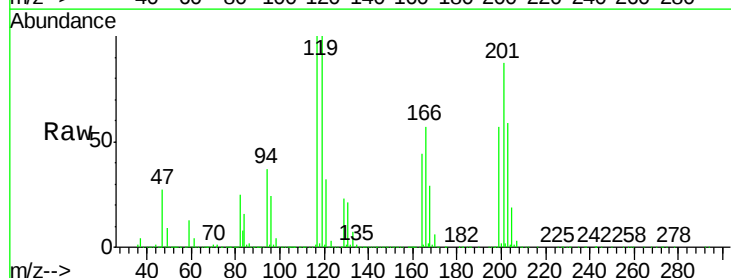
Manual Integrations
APPROVED

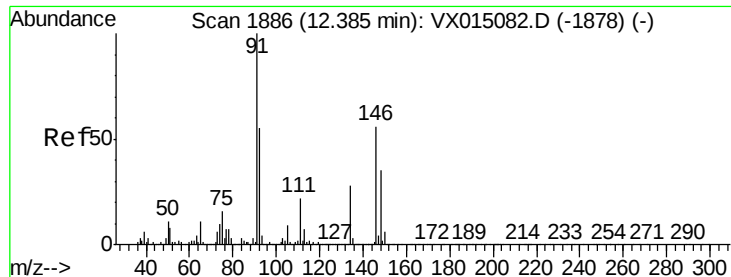
MMDadoda
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#90
Hexachloroethane
Concen: 48.833 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.1	43.5	130.7





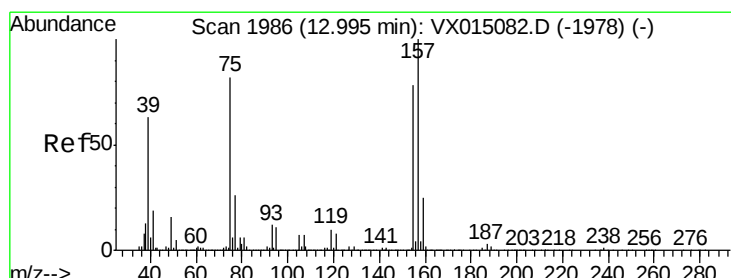
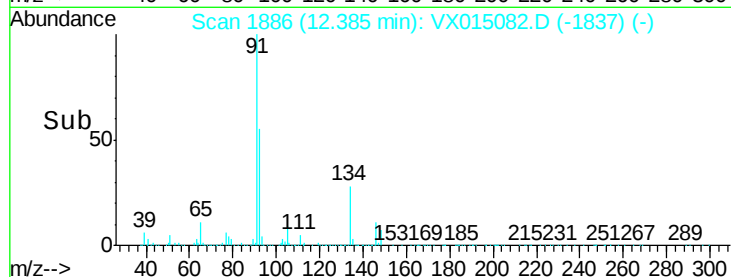
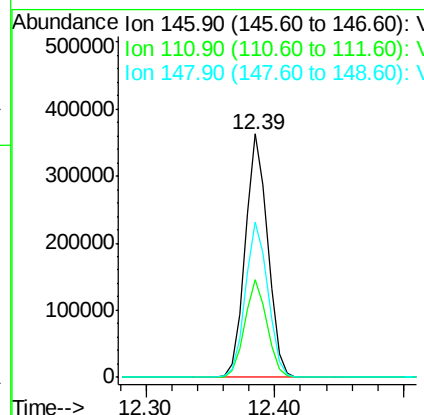
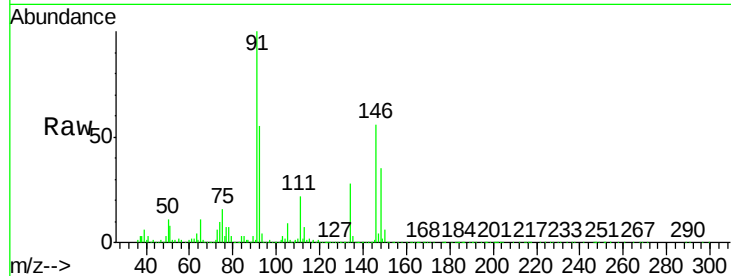
#91
 1,2-Dichlorobenzene
 Concen: 47.966 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	64.5	32.3	96.8

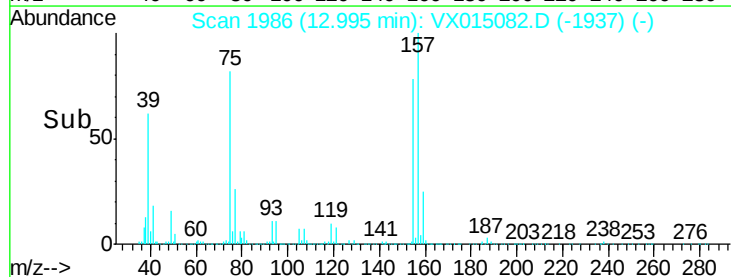
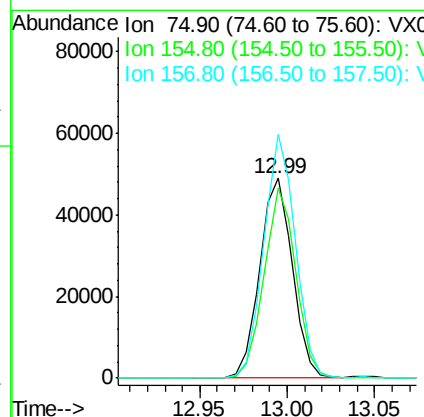
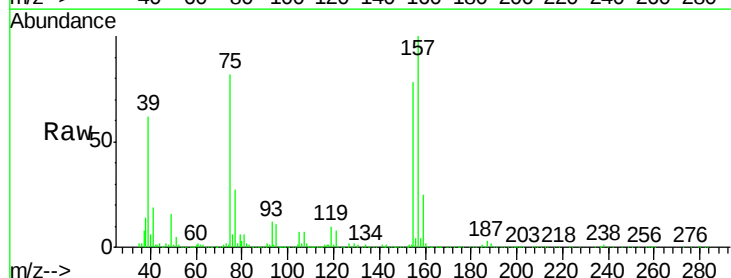
Manual Integrations
 APPROVED

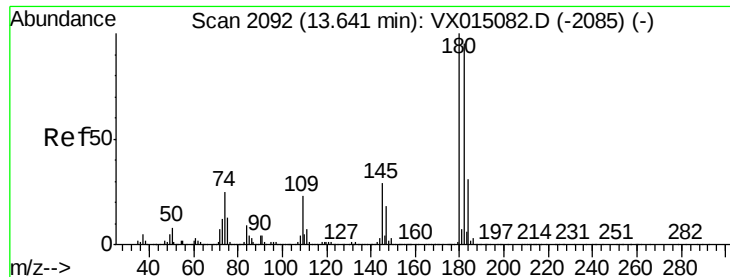
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.156 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.1	46.6	139.7
157	118.3	59.2	177.5





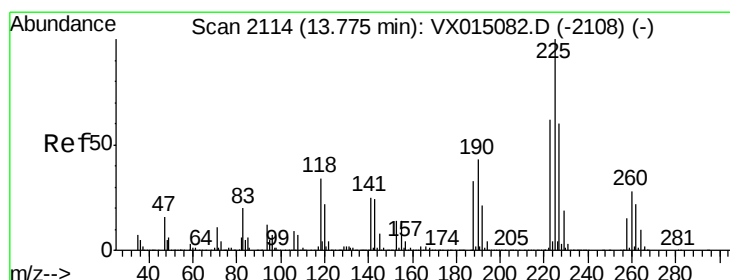
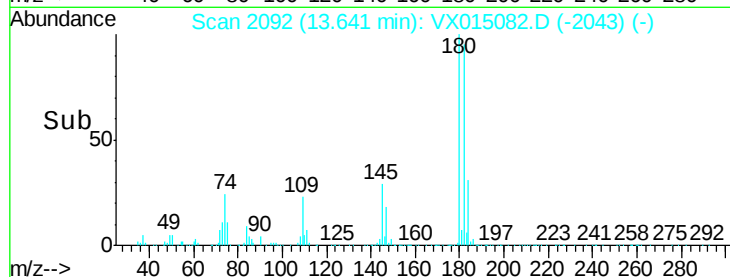
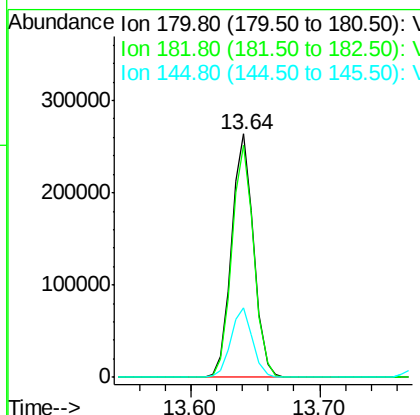
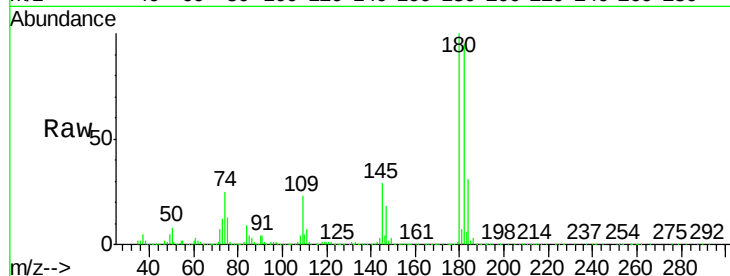
#93
 1,2,4-Trichlorobenzene
 Concen: 50.403 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	316590		
182	95.2	47.6	142.8	
145	28.1	14.1	42.2	

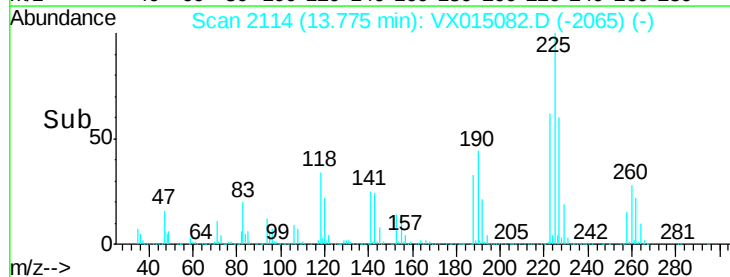
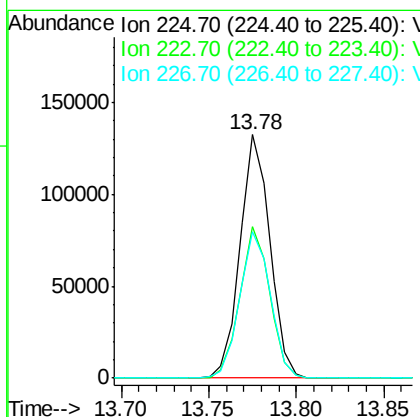
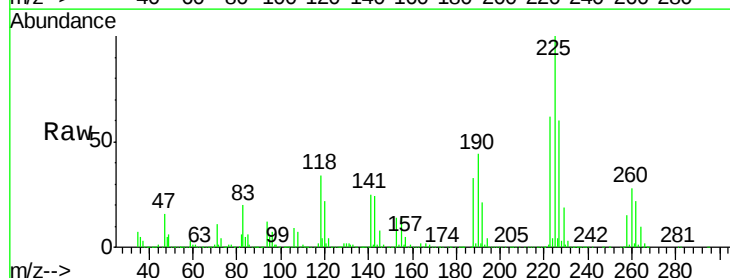
Manual Integrations
 APPROVED

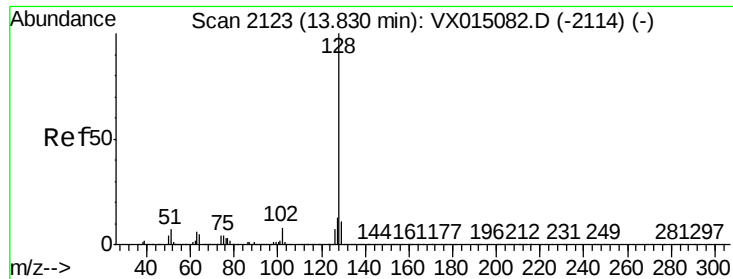
MMDadoda
 3/5/2020 12:32:30 PM



#94
 Hexachlorobutadiene
 Concen: 48.582 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015082.D
 Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	156588		
223	62.6	31.3	93.9	
227	62.1	31.1	93.2	





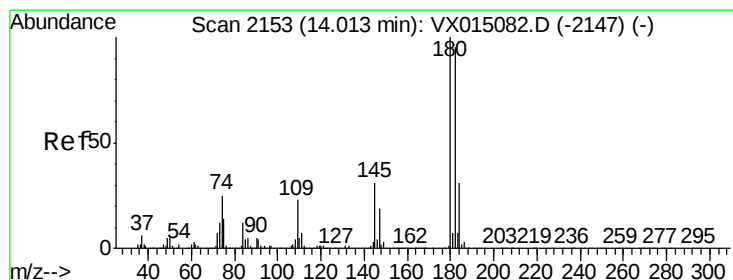
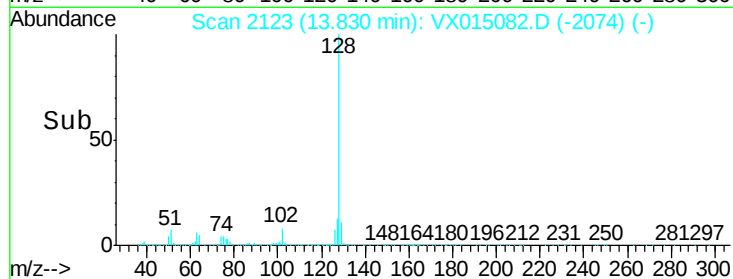
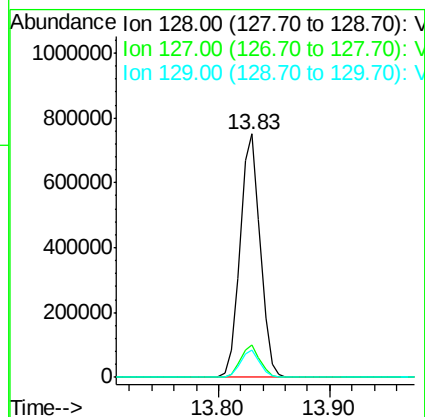
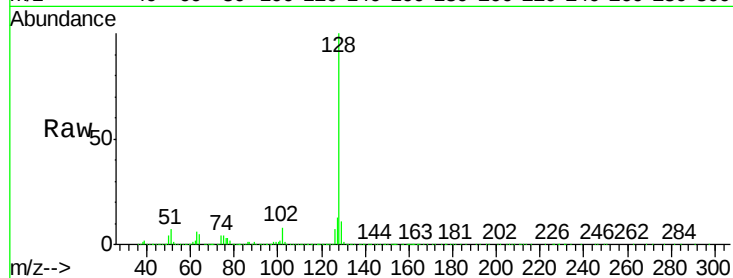
#95
Naphthalene
Concen: 54.298 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/5/2020 12:32:30 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.063 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015082.D
Acq: 04 Mar 2020 09:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.8	143.4
145	30.2	15.1	45.3

