

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030420\
 Data File : VX015080.D
 Acq On : 04 Mar 2020 09:02
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 3/5/2020 12:32:22 PM

Quant Time: Mar 04 14:00:18 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	397883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	609656	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	554166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	274727	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	25331	5.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.74%	
35) Dibromofluoromethane	5.50	113	19927	5.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.36%	
50) Toluene-d8	8.71	98	72846	4.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.96%	
62) 4-Bromofluorobenzene	11.13	95	24883	4.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	17166	4.927	ug/l	100
3) Chloromethane	1.32	50	26288	5.326	ug/l	98
4) Vinyl Chloride	1.41	62	24621	4.920	ug/l	93
5) Bromomethane	1.65	94	16793	5.458	ug/l	99
6) Chloroethane	1.72	64	15317	5.102	ug/l	99
7) Trichlorofluoromethane	1.93	101	30682	5.153	ug/l	97
8) Diethyl Ether	2.19	74	13779	5.055	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.38	101	19857	5.300	ug/l	100
10) Methyl Iodide	2.51	142	16536	3.907	ug/l #	97
11) Tert butyl alcohol	3.05	59	21265	25.965	ug/l	95
12) 1,1-Dichloroethene	2.37	96	19644	5.081	ug/l	97
13) Acrolein	2.29	56	22111	28.729	ug/l	95
14) Allyl chloride	2.72	41	33219	4.927	ug/l	98
15) Acrylonitrile	3.14	53	51884	25.438	ug/l	99
16) Acetone	2.44	43	47307	24.747	ug/l	100
17) Carbon Disulfide	2.57	76	52479	4.887	ug/l	98
18) Methyl Acetate	2.77	43	23468	5.021	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	60315	4.992	ug/l	99
20) Methylene Chloride	2.86	84	23664	5.289	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	21400	5.183	ug/l	92
22) Diisopropyl ether	3.85	45	69685	5.188	ug/l	98
23) Vinyl Acetate	3.81	43	269178	24.379	ug/l	100
24) 1,1-Dichloroethane	3.69	63	39565	5.307	ug/l	100
25) 2-Butanone	4.67	43	69206	24.728	ug/l	98
26) 2,2-Dichloropropane	4.58	77	29617	5.004	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	22915	4.947	ug/l	95
28) Bromochloromethane	5.01	49	17779	5.237	ug/l	99
29) Tetrahydrofuran	5.13	42	43121	23.902	ug/l	99
30) Chloroform	5.20	83	39374	5.419	ug/l	91
31) Cyclohexane	5.57	56	33406	5.024	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	30687	5.095	ug/l	98
36) 1,1-Dichloropropene	5.79	75	28007	4.966	ug/l	99
37) Ethyl Acetate	4.83	43	25463	4.868	ug/l #	93
38) Carbon Tetrachloride	5.78	117	25280	4.749	ug/l	89

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Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	32575	4.947	ug/l	95
40) Benzene	6.14	78	87049	5.203	ug/l	98
41) Methacrylonitrile	5.03	41	15256	5.259	ug/l	92
42) 1,2-Dichloroethane	6.18	62	30162	5.249	ug/l	96
43) Isopropyl Acetate	6.43	43	44168	4.799	ug/l	99
44) Trichloroethene	7.21	130	23934	5.136	ug/l	98
45) 1,2-Dichloropropane	7.51	63	22957	5.301	ug/l	98
46) Dibromomethane	7.66	93	14402	5.103	ug/l	99
47) Bromodichloromethane	7.89	83	26862	4.814	ug/l	98
48) Methyl methacrylate	7.76	41	21776	4.649	ug/l	98
49) 1,4-Dioxane	7.75	88	10170	100.658	ug/l	89
51) 4-Methyl-2-Pentanone	8.64	43	133917	24.614	ug/l	99
52) Toluene	8.78	92	52944	5.175	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	27023	4.520	ug/l	94
54) cis-1,3-Dichloropropene	8.43	75	30955	4.610	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	21812	5.180	ug/l	95
56) Ethyl methacrylate	9.17	69	27044	4.503	ug/l	97
57) 1,3-Dichloropropane	9.37	76	36458	5.147	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.31	63	77863	23.798	ug/l	98
59) 2-Hexanone	9.49	43	98109	24.330	ug/l	99
60) Dibromochloromethane	9.57	129	19922	4.504	ug/l	95
61) 1,2-Dibromoethane	9.67	107	23358	5.281	ug/l	98
64) Tetrachloroethene	9.33	164	23646	5.161	ug/l	94
65) Chlorobenzene	10.14	112	57986	5.212	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	20961	4.996	ug/l	97
67) Ethyl Benzene	10.25	91	93498	4.949	ug/l	98
68) m/p-Xylenes	10.35	106	71951	10.010	ug/l	99
69) o-Xylene	10.70	106	32973	4.791	ug/l	98
70) Styrene	10.71	104	55165	4.675	ug/l	100
71) Bromoform	10.85	173	15266	4.693	ug/l #	99
73) Isopropylbenzene	11.01	105	88539	5.045	ug/l	97
74) N-amyl acetate	10.89	43	32643	4.414	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	31168	5.329	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	28697m	5.323	ug/l	
77) Bromobenzene	11.25	156	25354	5.184	ug/l	96
78) n-propylbenzene	11.35	91	101538	5.064	ug/l	99
79) 2-Chlorotoluene	11.42	91	63583	5.310	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	71787	4.914	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	8307	4.302	ug/l	96
82) 4-Chlorotoluene	11.51	91	70549	4.987	ug/l	99
83) tert-Butylbenzene	11.76	119	69896	4.948	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	72412	4.934	ug/l	98
85) sec-Butylbenzene	11.94	105	85097	4.990	ug/l	99
86) p-Isopropyltoluene	12.06	119	75692	4.818	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	43806	5.095	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	45605	5.254	ug/l	97
89) n-Butylbenzene	12.38	91	63952	4.577	ug/l	99
90) Hexachloroethane	12.59	117	13369	4.501	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	42570	4.980	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.99	75	5260	4.491	ug/l	92

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

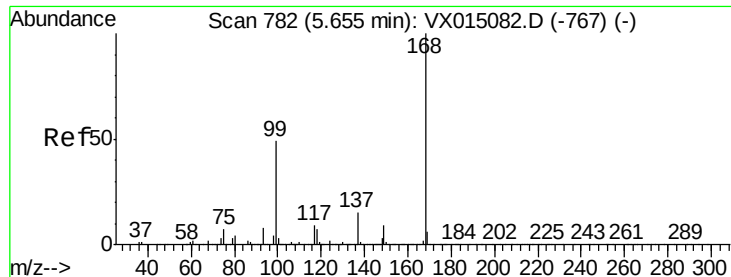
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	26526	4.470	ug/l	94
94) Hexachlorobutadiene	13.77	225	14449	4.745	ug/l	93
95) Naphthalene	13.83	128	70519	4.348	ug/l	97
96) 1,2,3-Trichlorobenzene	14.01	180	28309	4.782	ug/l	98

(#) = 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: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 397883

Ion Ratio Lower Upper

168 100

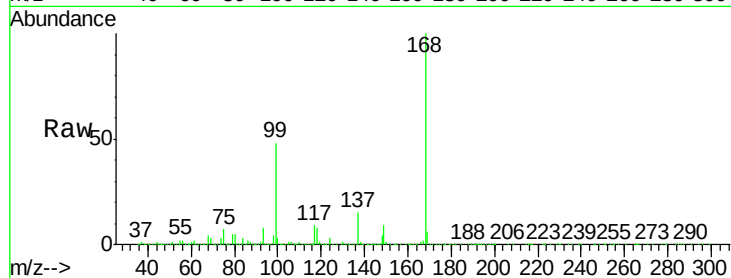
99 48.0 39.4 59.2

Manual Integrations

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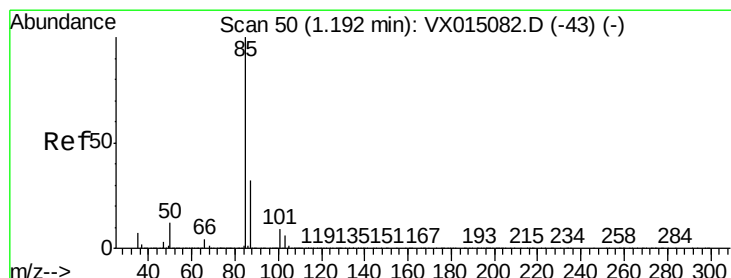
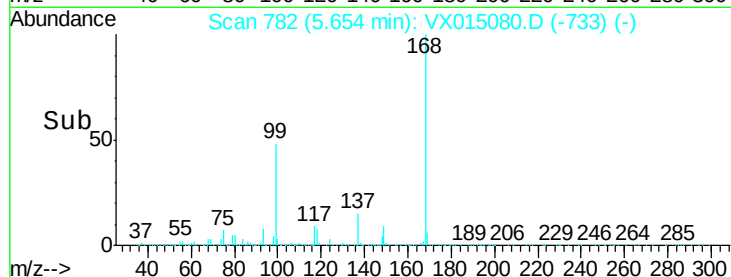
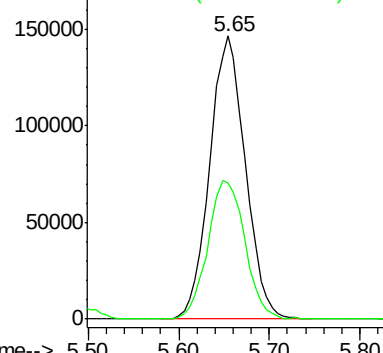
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 4.927 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015080.D

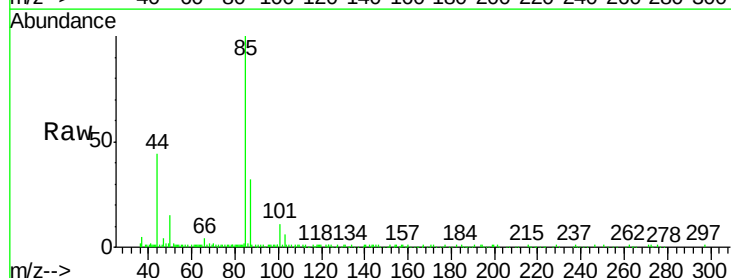
Acq: 04 Mar 2020 09:02

Tgt Ion: 85 Resp: 17166

Ion Ratio Lower Upper

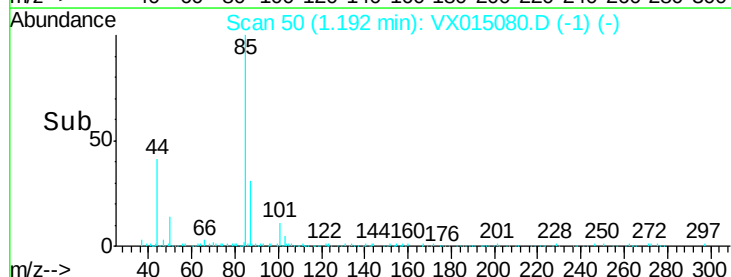
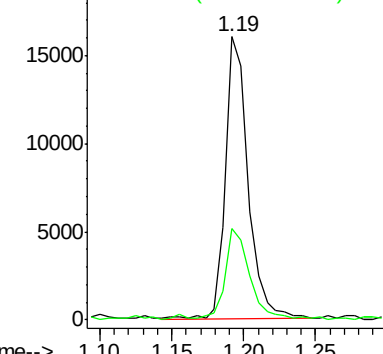
85 100

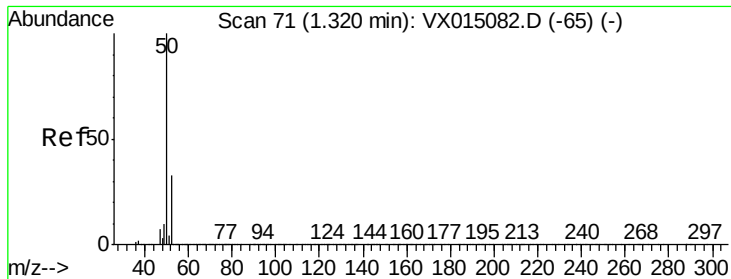
87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 5.326 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 26288

Ion Ratio Lower Upper

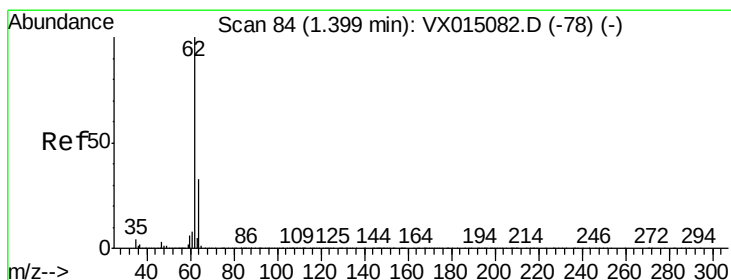
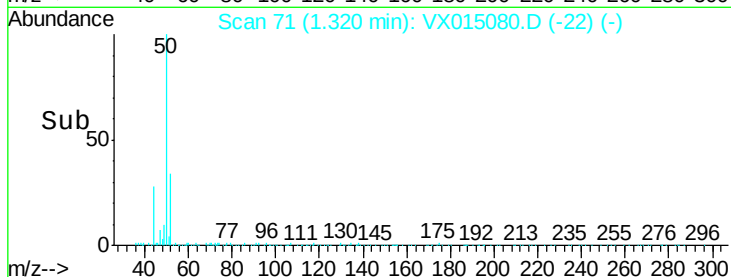
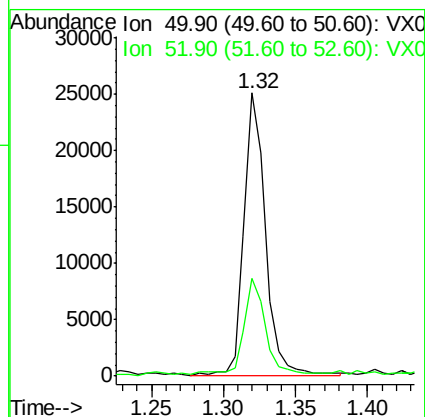
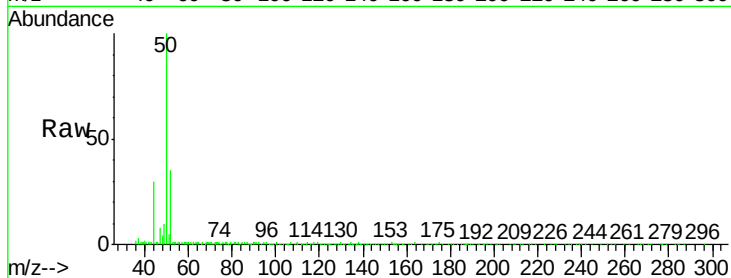
50 100

52 33.9 26.2 39.2

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#4

Vinyl Chloride

Concen: 4.920 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX015080.D

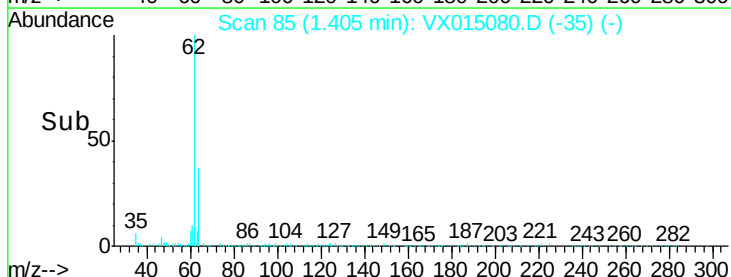
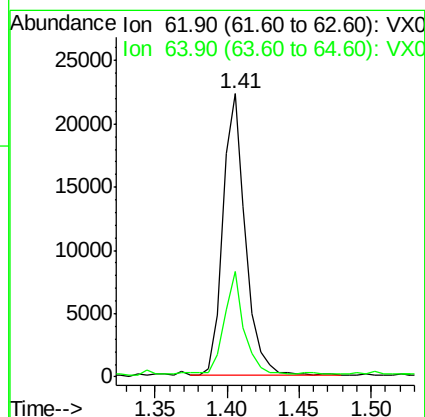
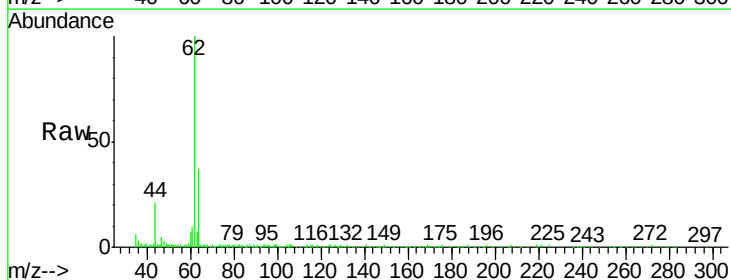
Acq: 04 Mar 2020 09:02

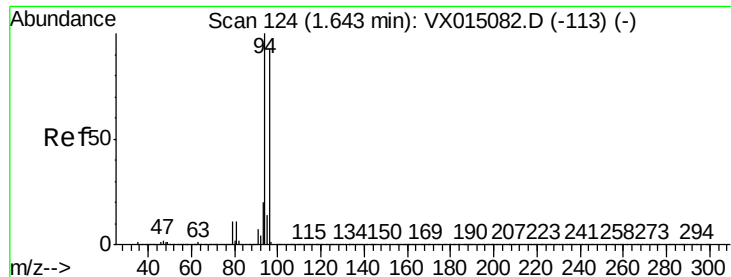
Tgt Ion: 62 Resp: 24621

Ion Ratio Lower Upper

62 100

64 36.5 26.1 39.1





#5

Bromomethane

Concen: 5.458 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.01 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 16793

Ion Ratio Lower Upper

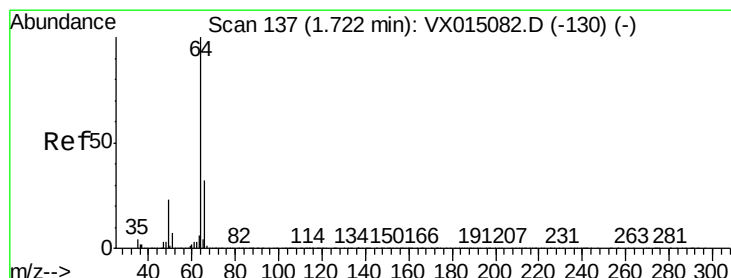
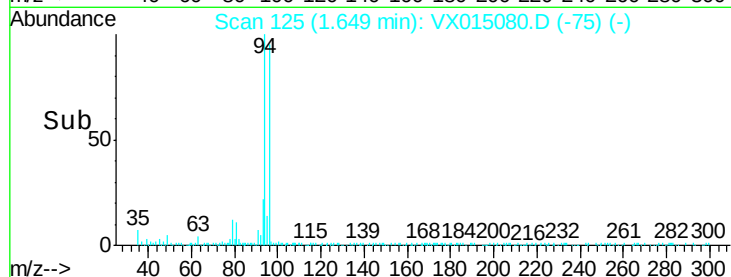
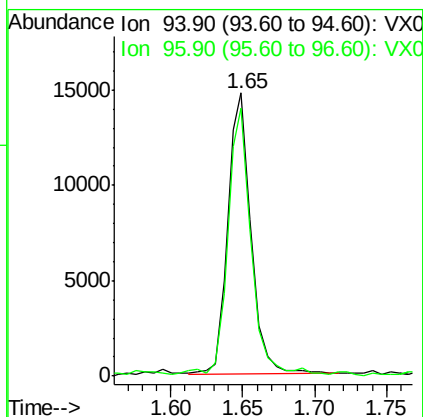
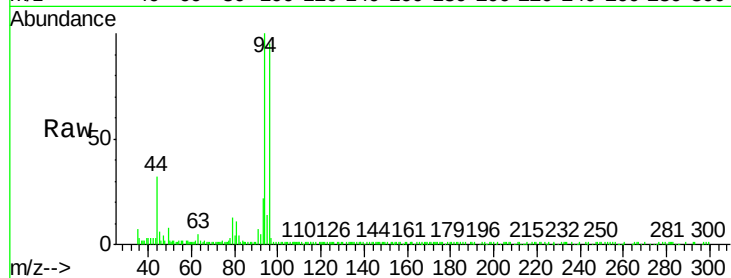
94 100

96 94.3 74.6 111.8

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#6

Chloroethane

Concen: 5.102 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015080.D

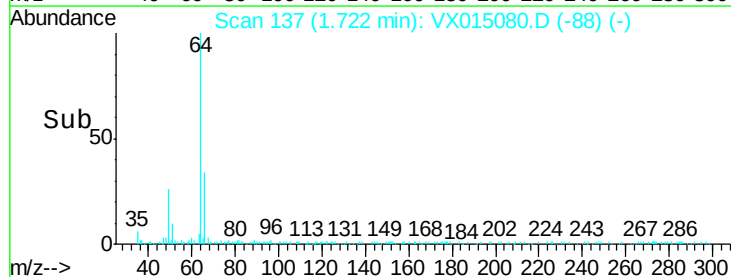
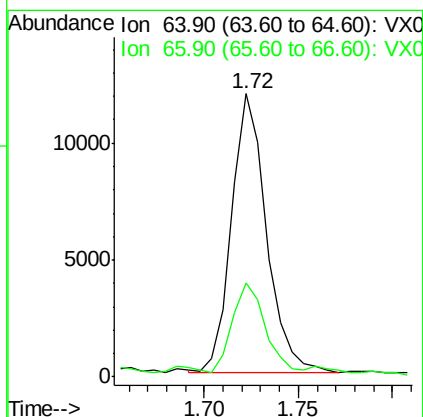
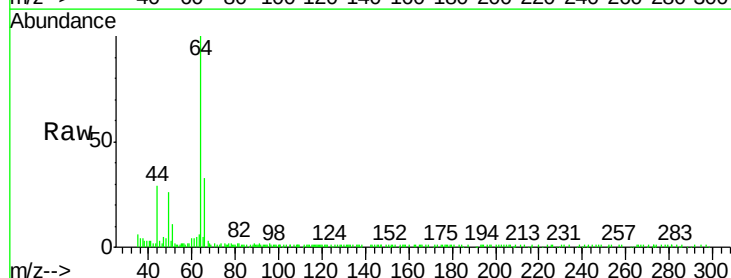
Acq: 04 Mar 2020 09:02

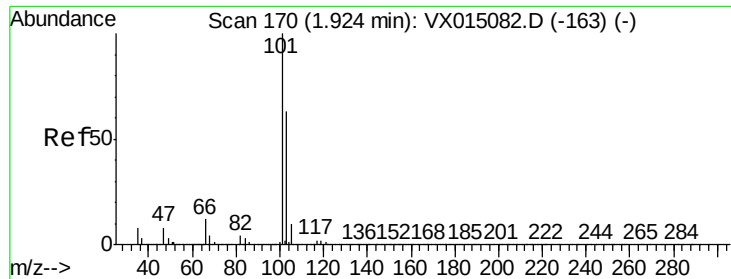
Tgt Ion: 64 Resp: 15317

Ion Ratio Lower Upper

64 100

66 31.5 25.8 38.8





#7

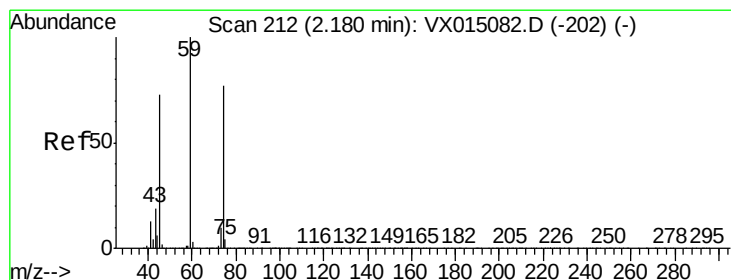
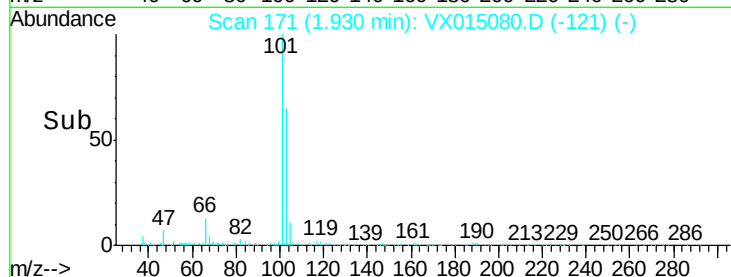
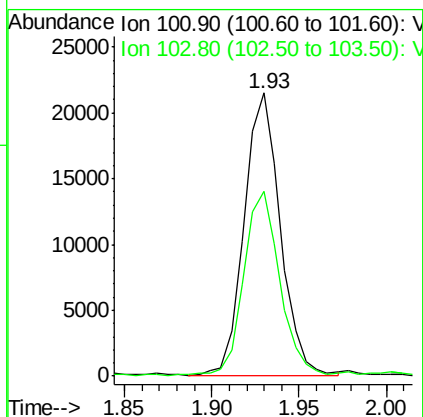
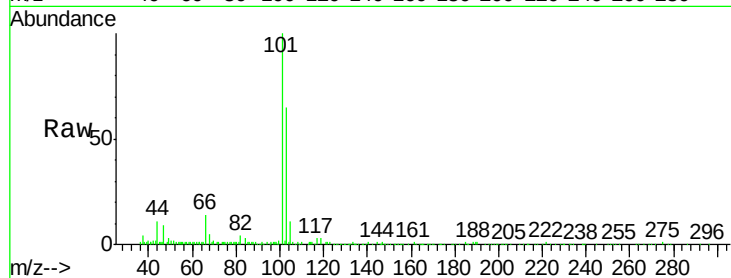
Trichlorofluoromethane
Concen: 5.153 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	50.4	75.6

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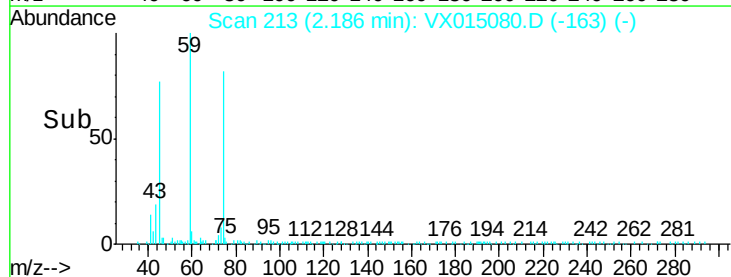
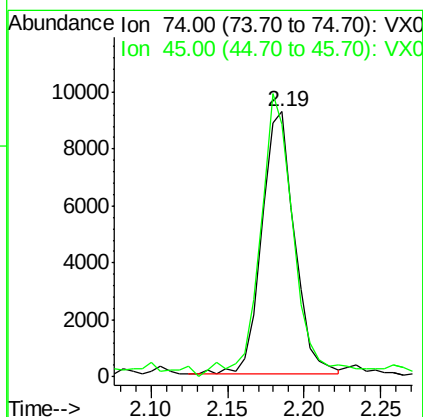
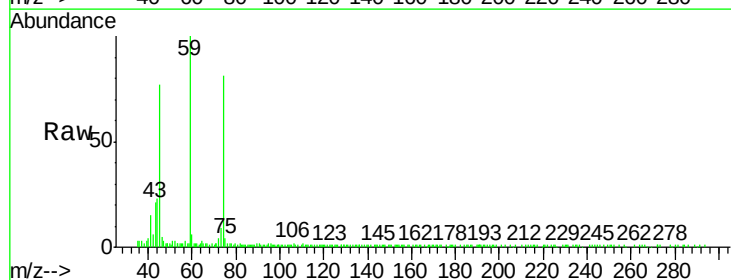
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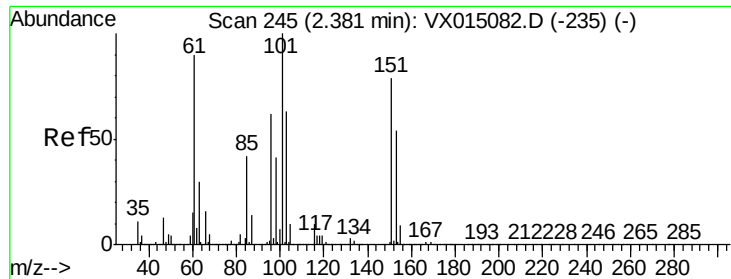


#8

Diethyl Ether
Concen: 5.055 ug/l
RT: 2.19 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	112.0	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.300 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

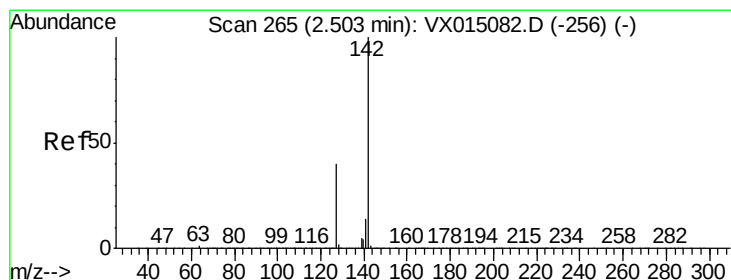
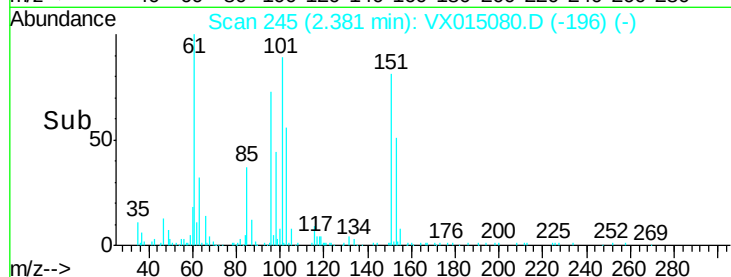
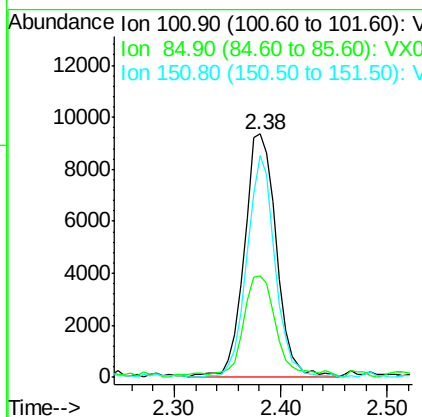
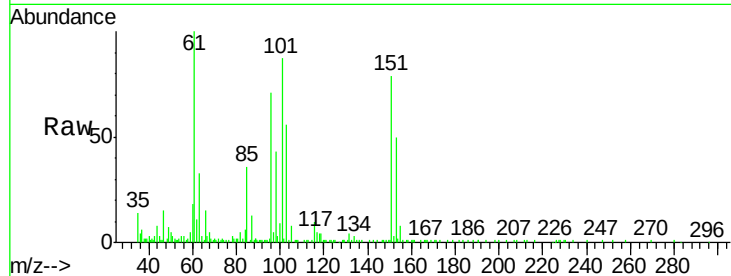
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	19857
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.7	50.5
151	80.3	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 3.907 ug/l

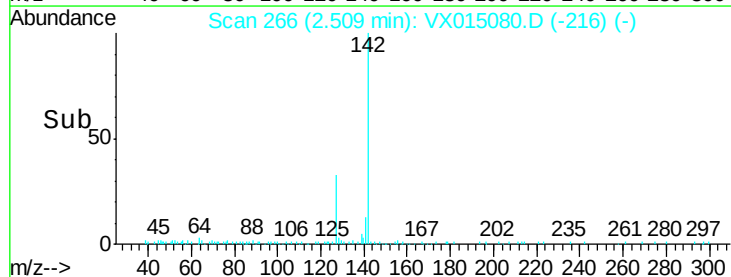
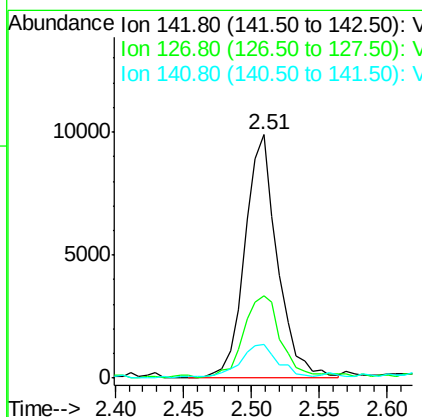
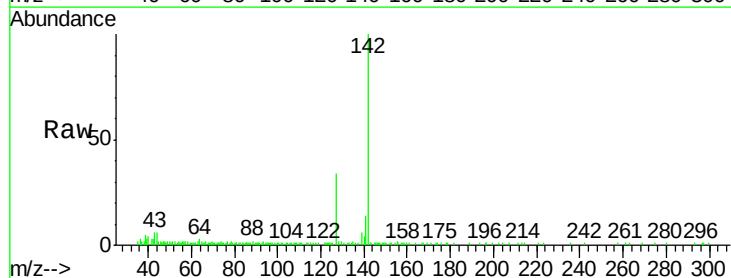
RT: 2.51 min Scan# 266

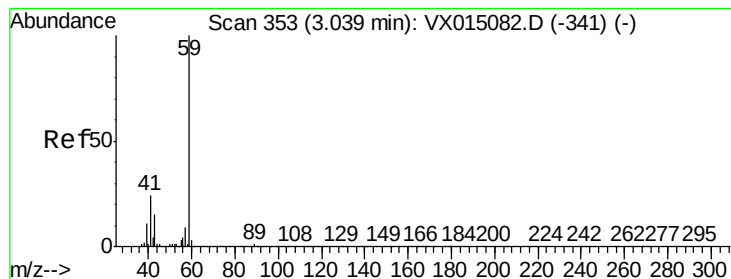
Delta R.T. 0.01 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Tgt Ion:	142	Resp:	16536
Ion Ratio	Lower	Upper	
142	100		
127	40.4	31.7	47.5
141	17.1	11.3	16.9#





#11

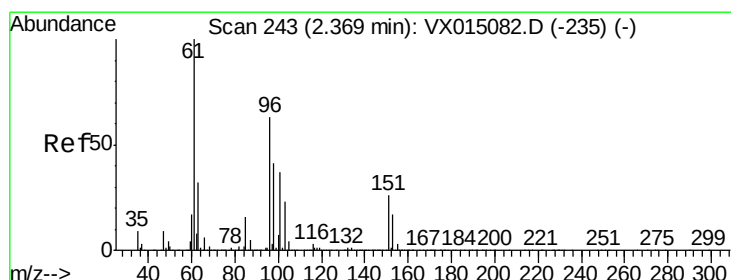
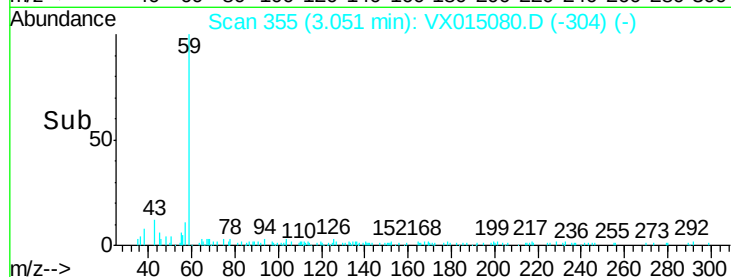
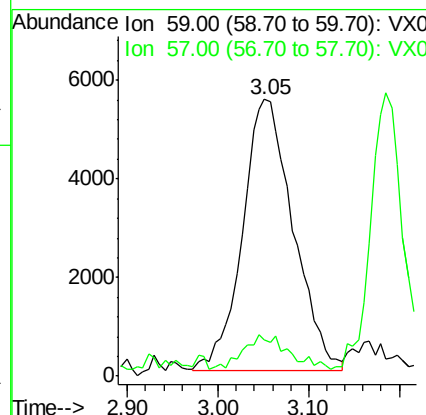
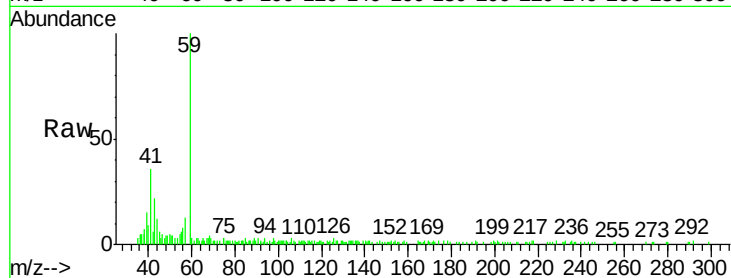
Tert butyl alcohol
Concen: 25.965 ug/l
RT: 3.05 min Scan# 355
Delta R.T. 0.01 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.4	8.2	12.4

Manual Integrations
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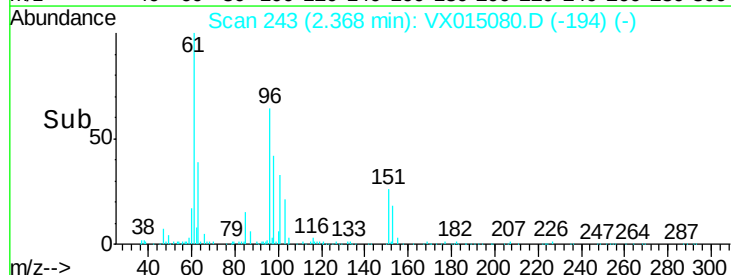
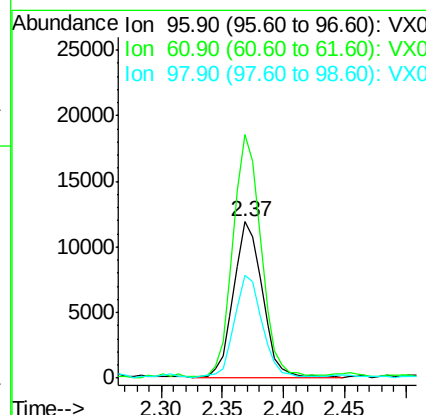
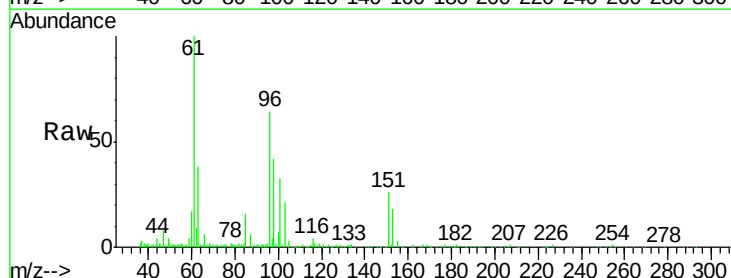
MMDadoda
3/5/2020 12:32:22 PM

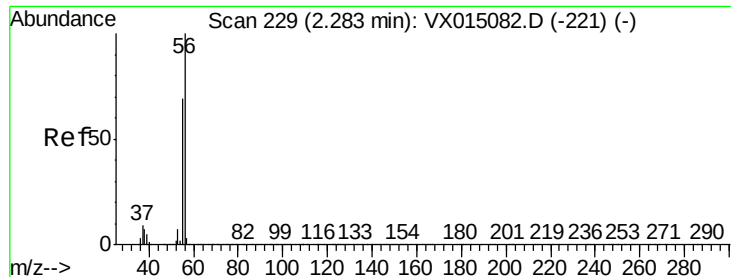


#12

1,1-Dichloroethene
Concen: 5.081 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.7	126.2	189.4
98	65.7	51.4	77.0





#13

Acrolein

Concen: 28.729 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

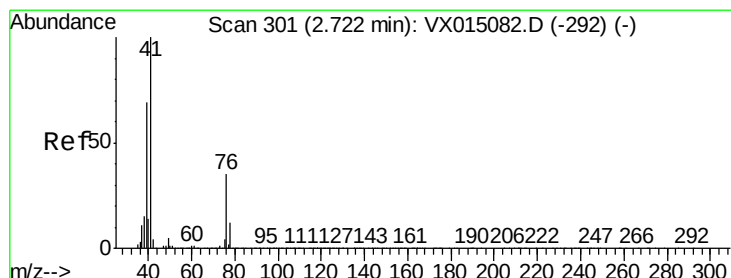
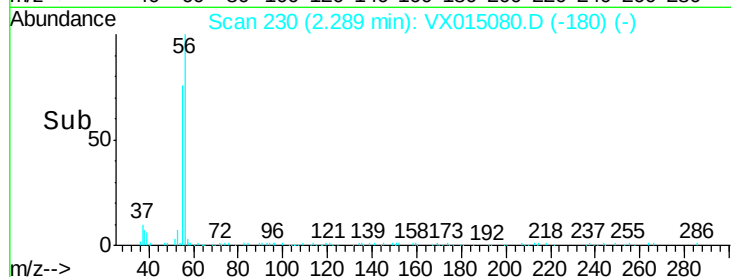
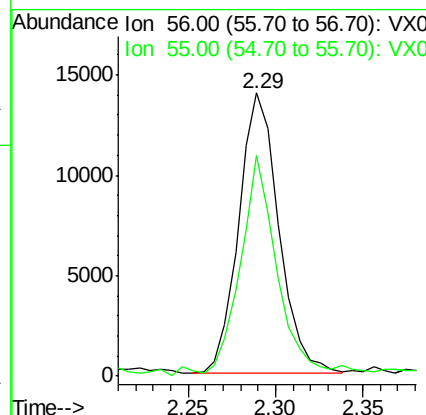
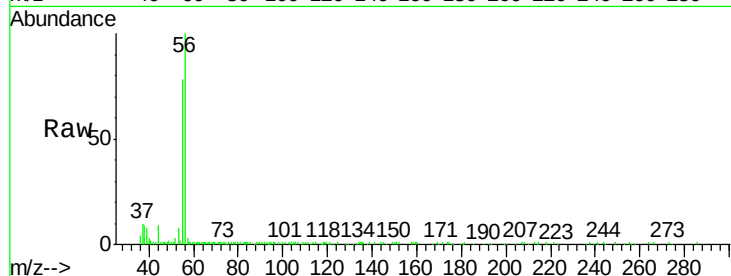
ClientSampleId :

VSTDIC005

Tot Ion:	56	Resp:	22111
Ion Ratio	Lower	Upper	
56	100		
55	73.4	55.4	83.0

Manual Integrations
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#14

Allyl chloride

Concen: 4.927 ug/l

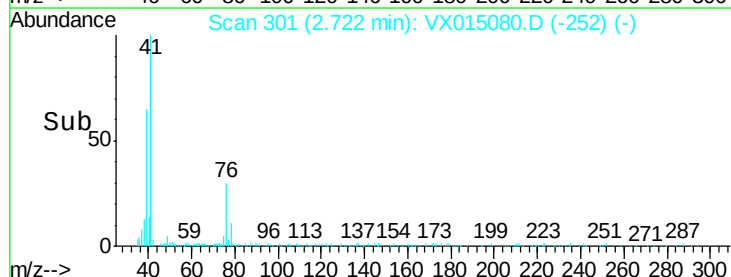
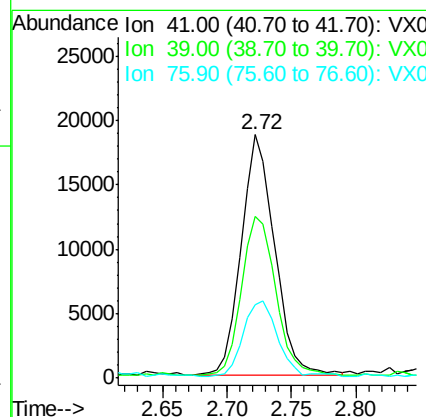
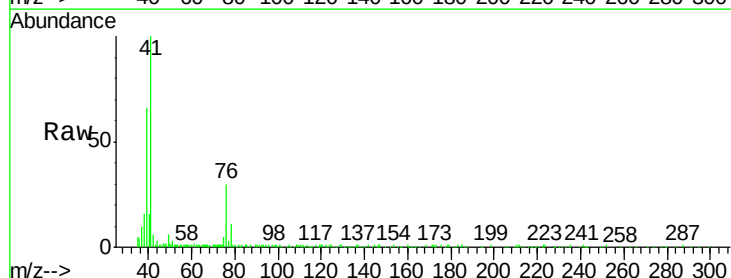
RT: 2.72 min Scan# 301

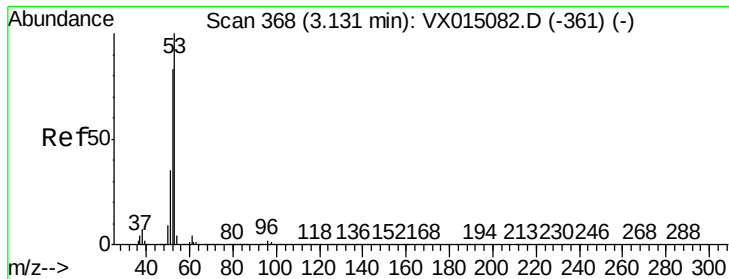
Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Tgt Ion:	41	Resp:	33219
Ion Ratio	Lower	Upper	
41	100		
39	68.2	52.9	79.3
76	32.5	26.8	40.2





#15

Acrylonitrile

Concen: 25.438 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

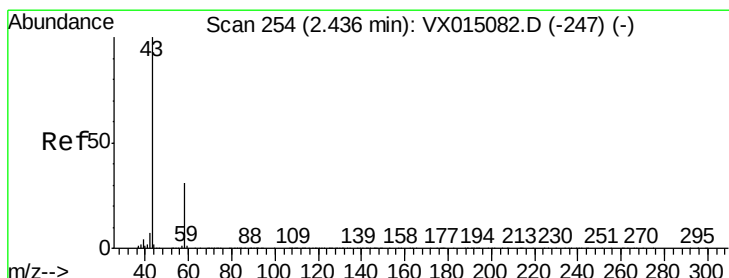
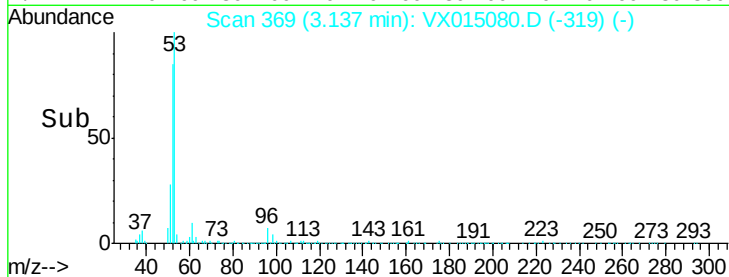
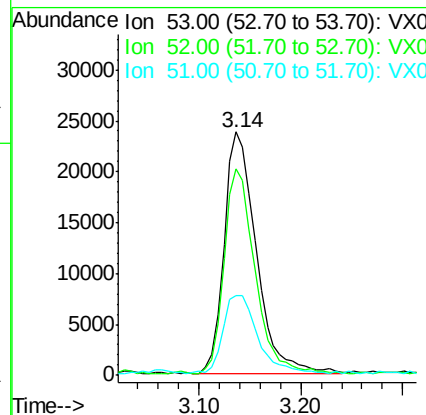
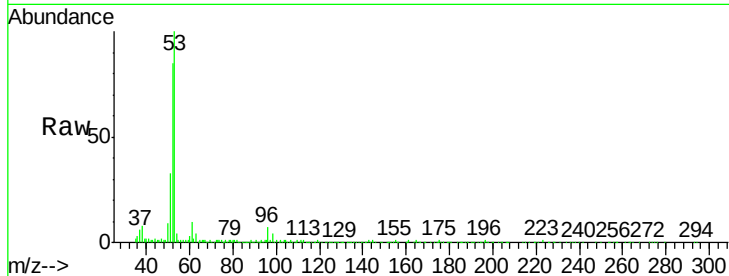
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	51884
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.6	100.0
51	35.6	29.0	43.6

Manual Integrations
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3/5/2020 12:32:22 PM



#16

Acetone

Concen: 24.747 ug/l

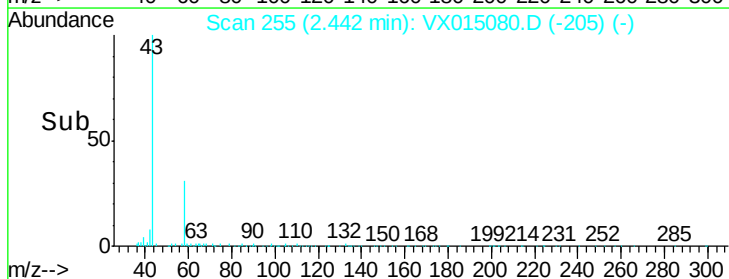
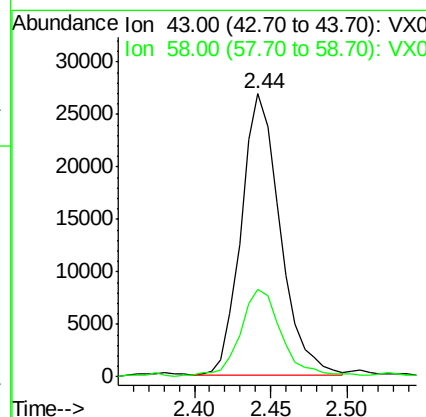
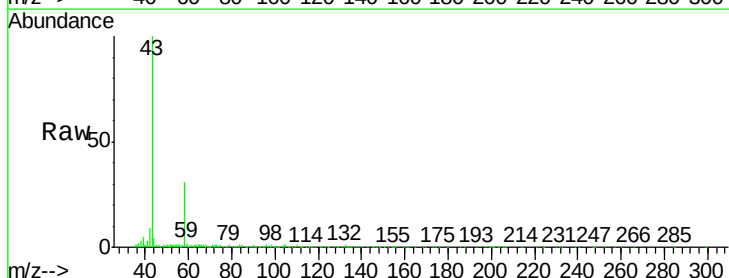
RT: 2.44 min Scan# 255

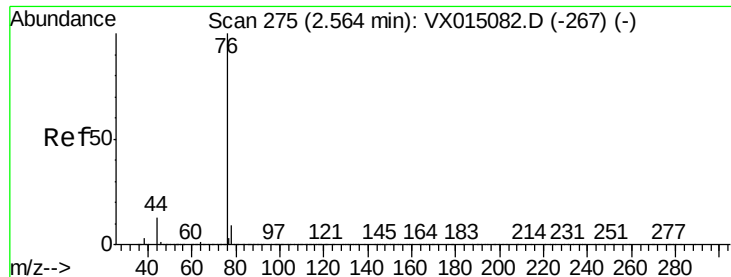
Delta R.T. 0.01 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Tgt Ion:	43	Resp:	47307
Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.8	37.2





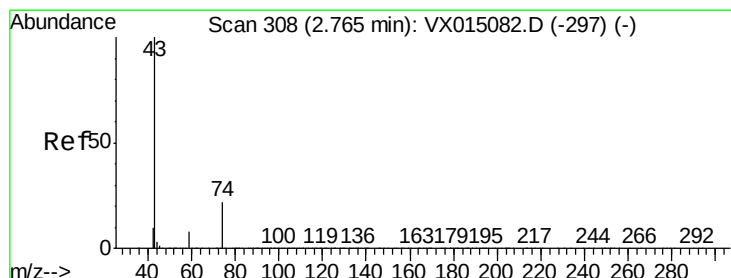
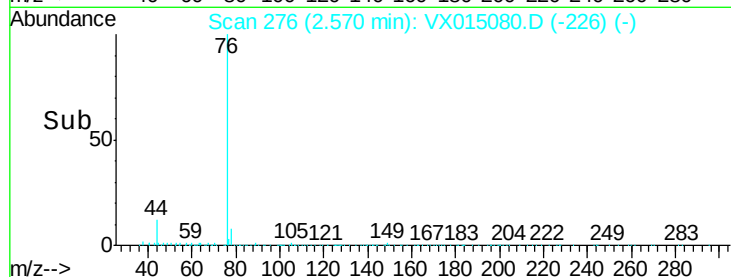
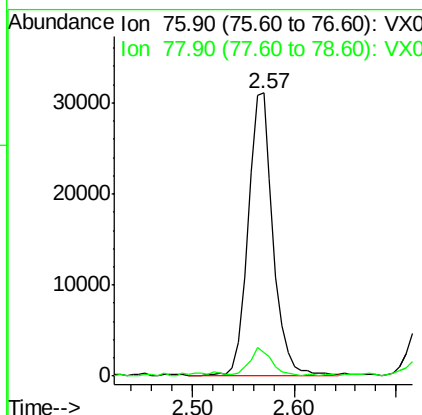
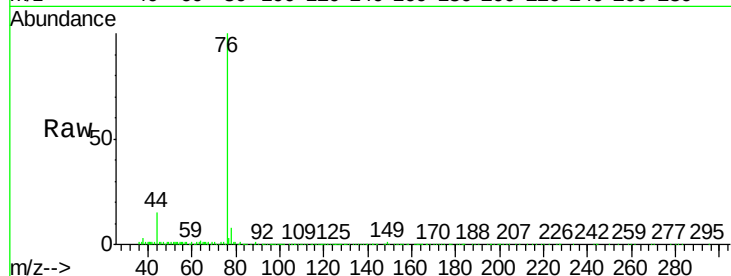
#17
Carbon Disulfide
Concen: 4.887 ug/l
RT: 2.57 min Scan# 276
Delta R.T. 0.01 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.3	10.9

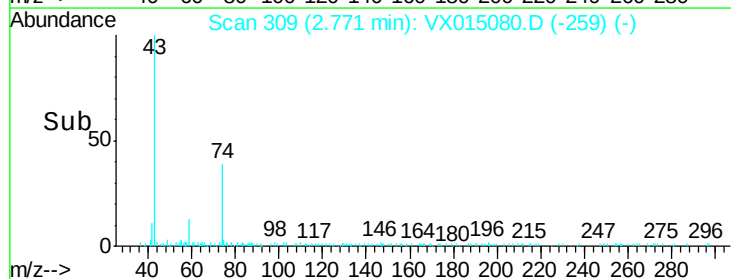
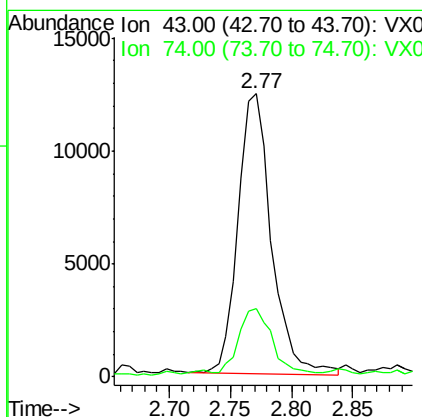
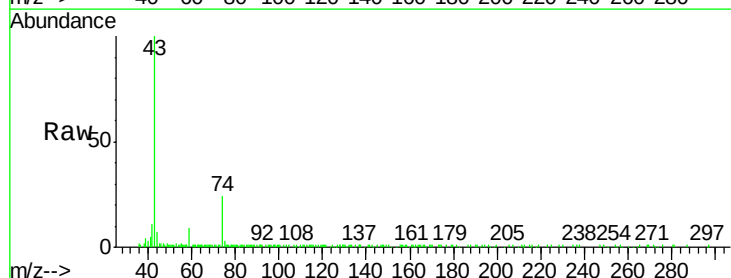
Manual Integrations
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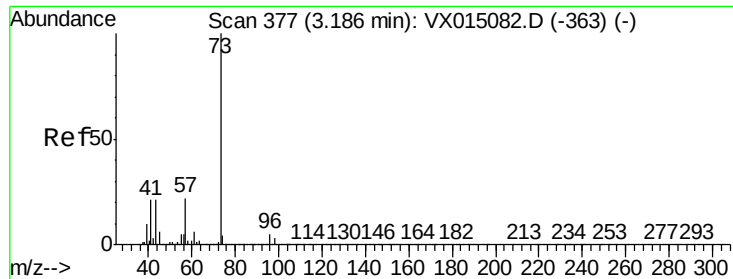
MMDadoda
3/5/2020 12:32:22 PM



#18
Methyl Acetate
Concen: 5.021 ug/l
RT: 2.77 min Scan# 309
Delta R.T. 0.01 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	18.8	28.2





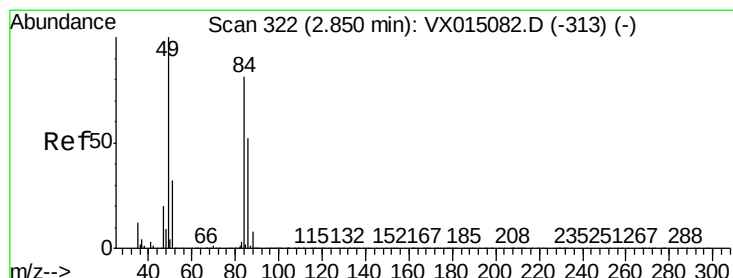
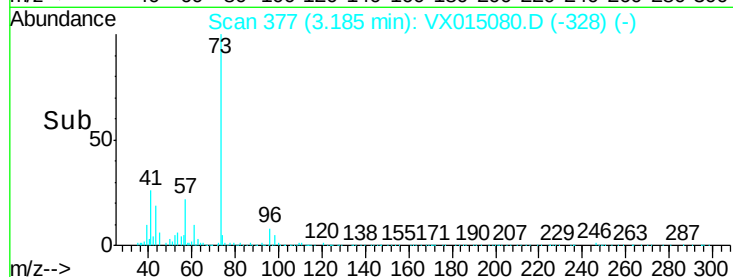
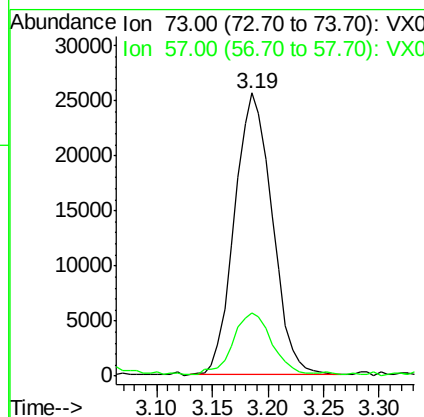
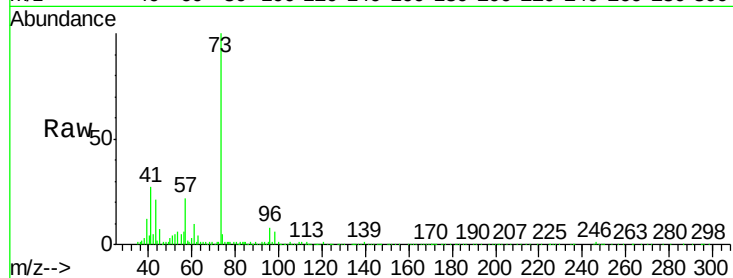
#19
Methyl tert-butyl Ether
Concen: 4.992 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.8	26.6

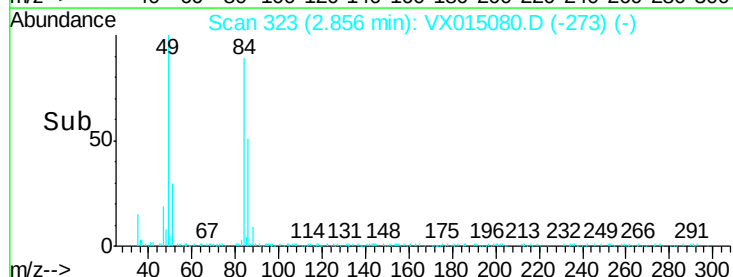
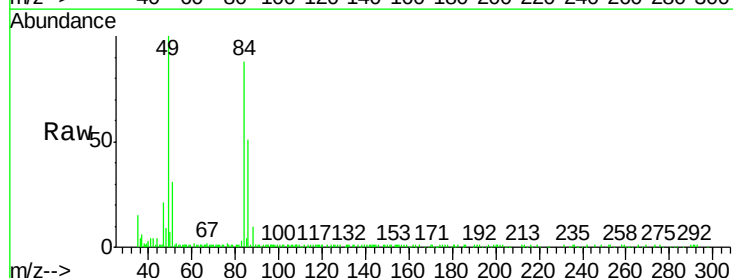
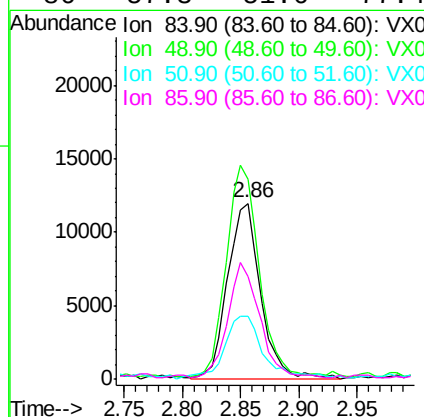
Manual Integrations
APPROVED

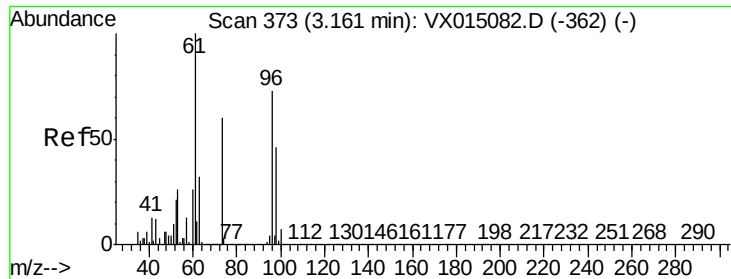
MMDadoda
3/5/2020 12:32:22 PM



#20
Methylene Chloride
Concen: 5.289 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.7	99.4	149.2
51	34.2	31.5	47.3
86	57.3	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 5.183 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

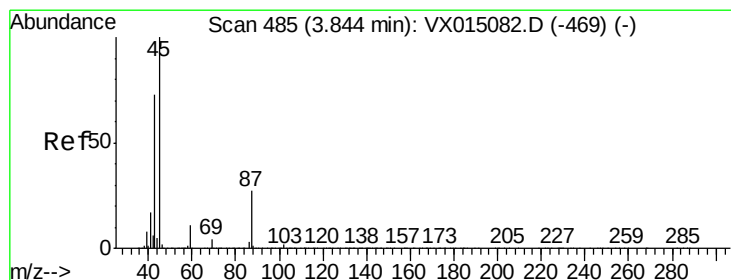
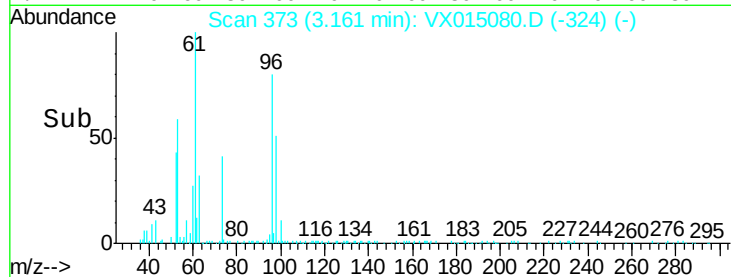
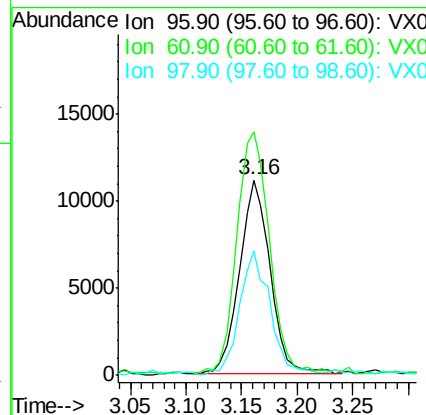
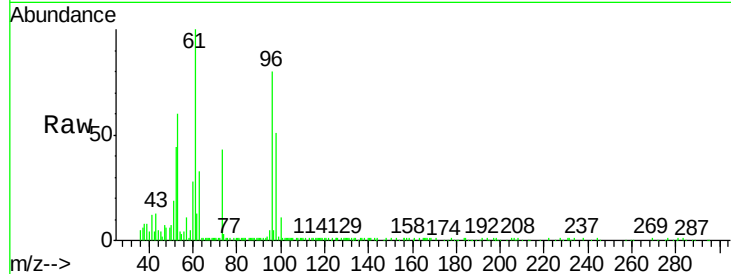
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	21400
Ion	Ratio	Lower	Upper
96	100		
61	124.1	109.9	164.9
98	62.8	50.2	75.2

Manual Integrations
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3/5/2020 12:32:22 PM



#22

Diisopropyl ether

Concen: 5.188 ug/l

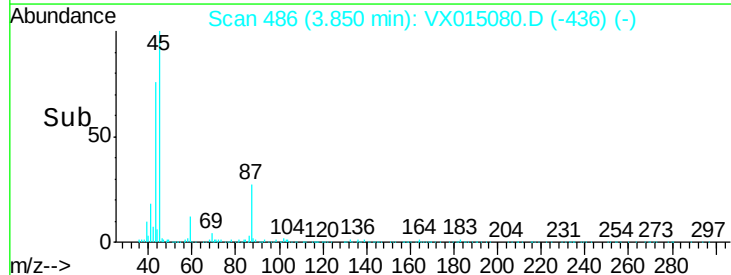
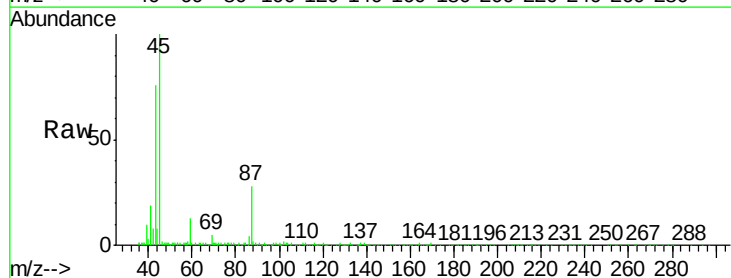
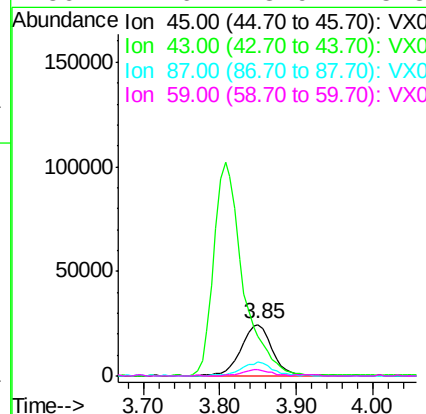
RT: 3.85 min Scan# 486

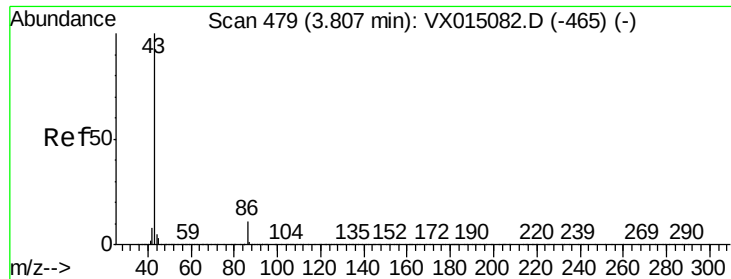
Delta R.T. 0.01 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Tgt Ion:	45	Resp:	69685
Ion	Ratio	Lower	Upper
45	100		
43	74.3	58.2	87.2
87	27.4	21.2	31.8
59	12.6	8.9	13.3





#23

Vinyl Acetate

Concen: 24.379 ug/l

RT: 3.81 min Scan# 479

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 269178

Ion Ratio Lower Upper

43 100

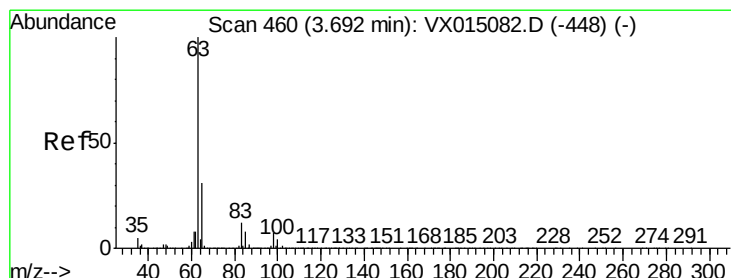
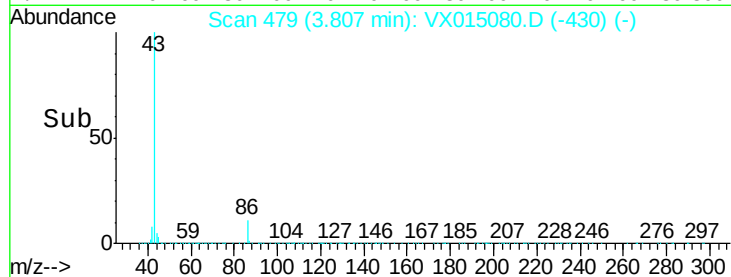
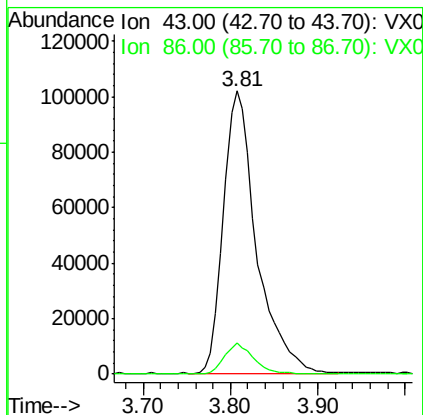
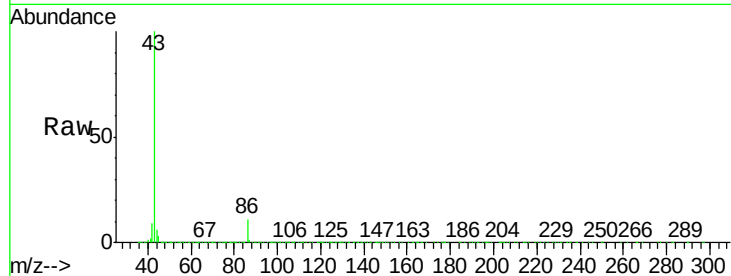
86 10.7 8.6 12.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 5.307 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

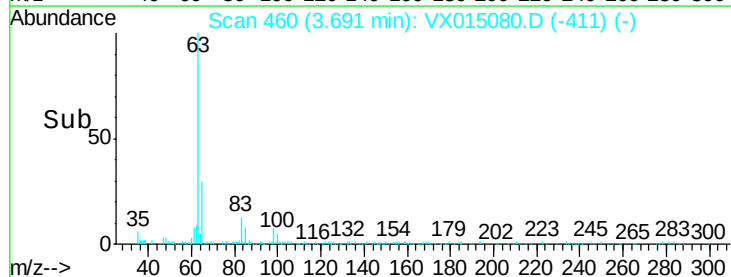
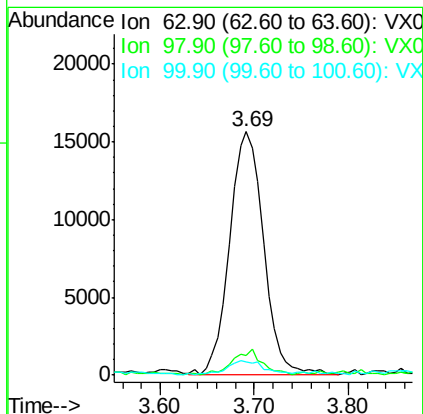
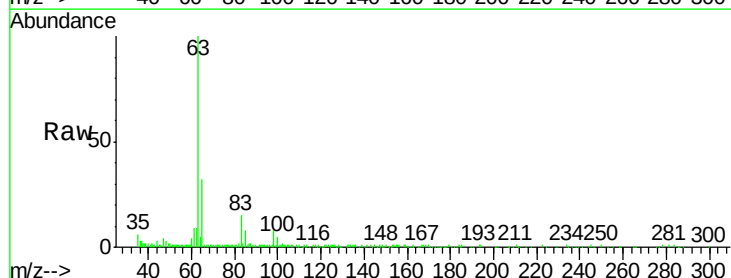
Tgt Ion: 63 Resp: 39565

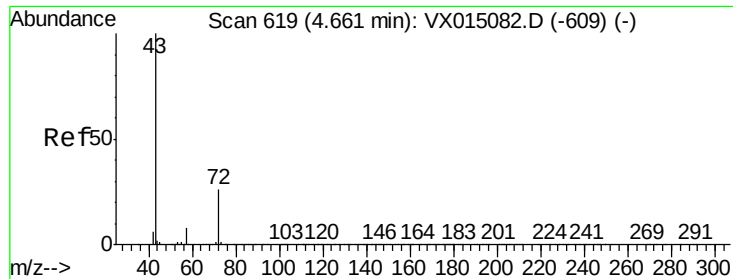
Ion Ratio Lower Upper

63 100

98 7.5 3.7 11.1

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 24.728 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 69206

Ion Ratio Lower Upper

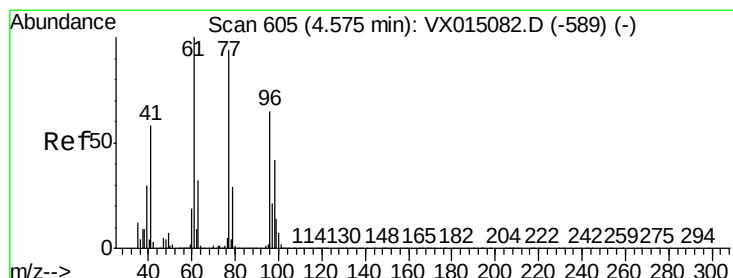
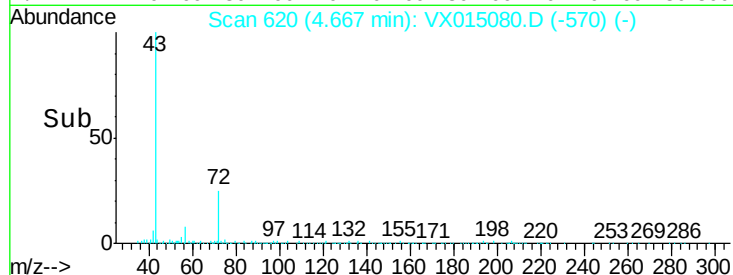
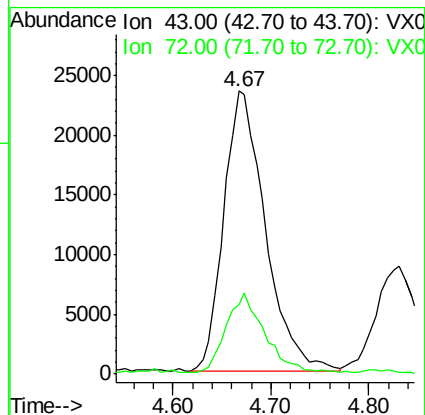
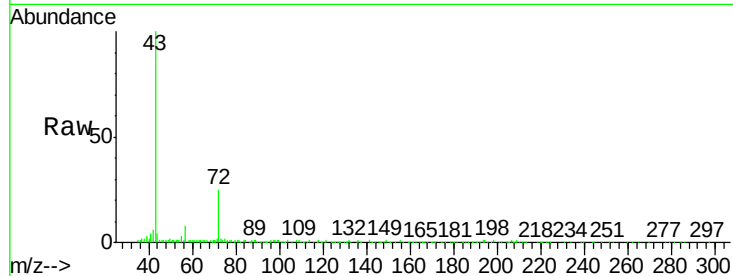
43 100

72 24.4 20.6 30.8

Manual Integrations
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MMDadoda

3/5/2020 12:32:22 PM



#26

2,2-Dichloropropane

Concen: 5.004 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015080.D

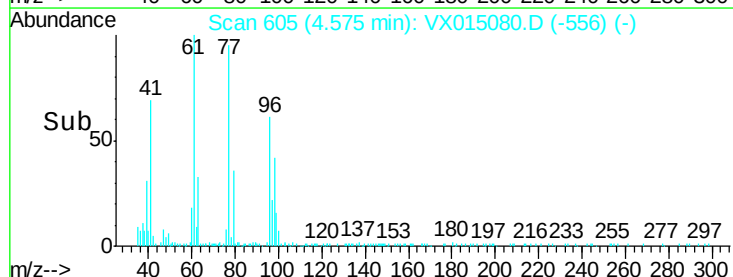
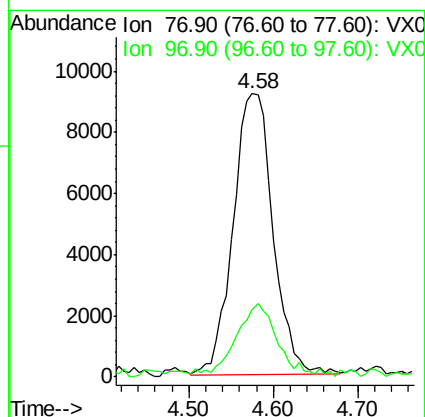
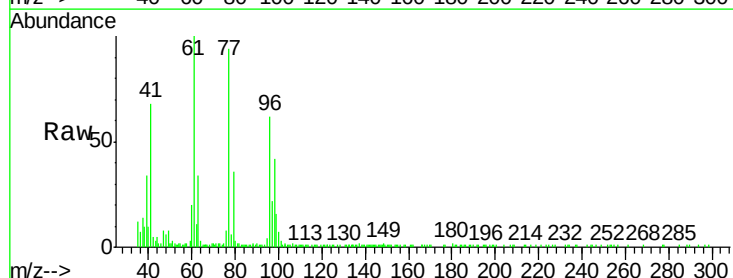
Acq: 04 Mar 2020 09:02

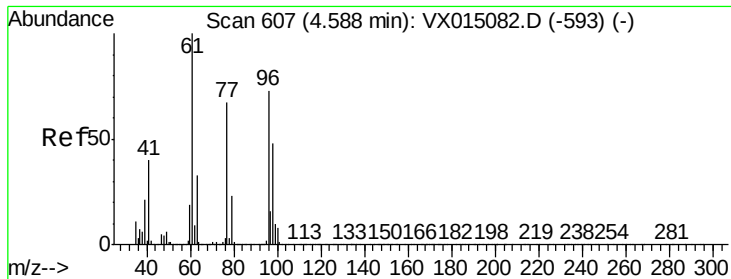
Tgt Ion: 77 Resp: 29617

Ion Ratio Lower Upper

77 100

97 25.3 11.8 35.4





#27

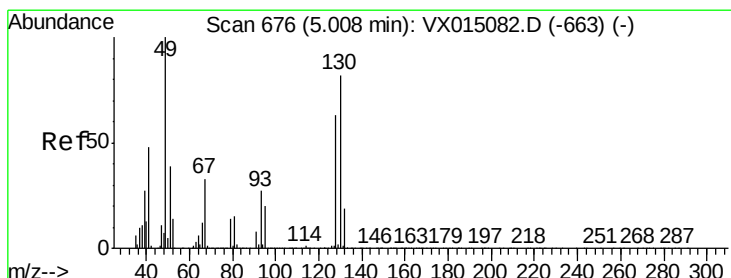
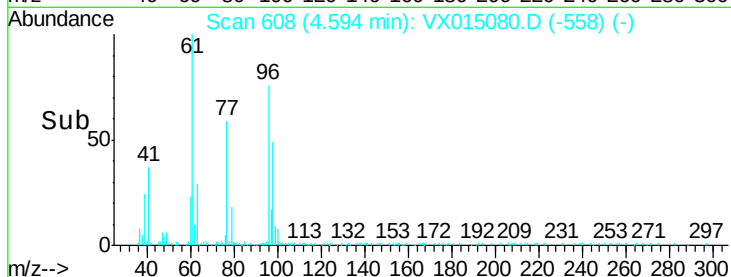
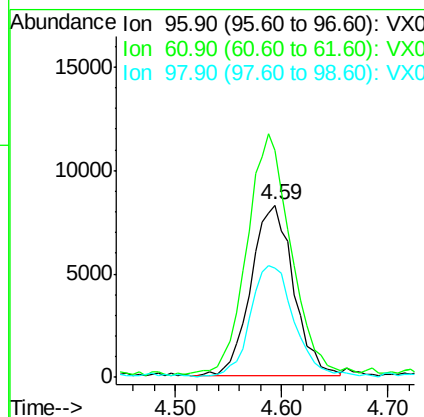
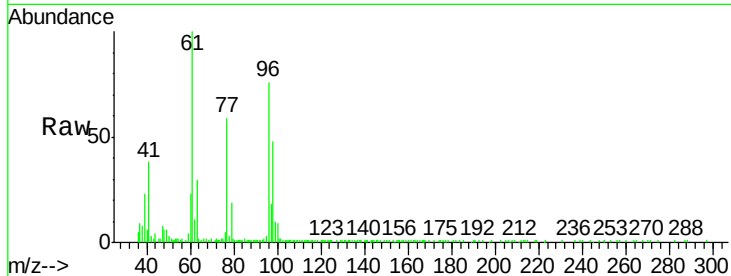
cis-1,2-Dichloroethene
Concen: 4.947 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
96	100	22915		
61	148.6	0.0	286.8	
98	69.5	0.0	128.4	

Manual Integrations
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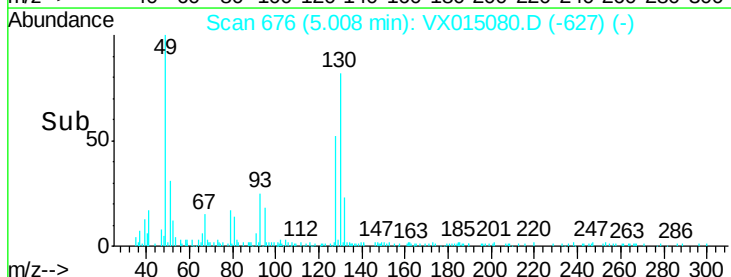
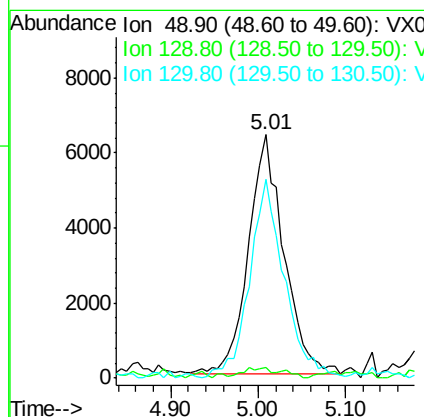
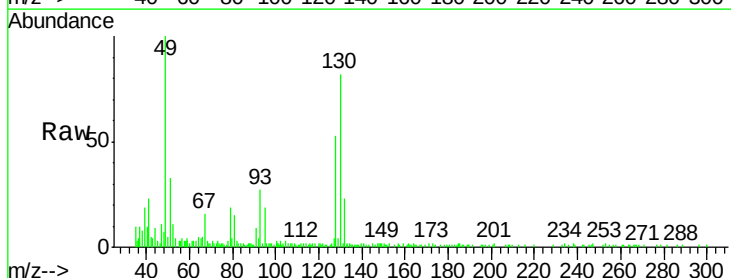
MMDadoda
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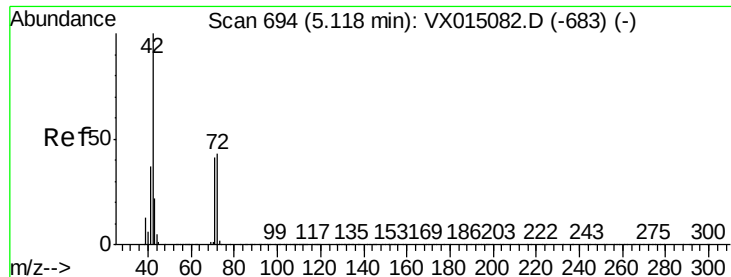


#28

Bromochloromethane
Concen: 5.237 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	17779		
129	2.5	0.0	4.4	
130	82.4	65.0	97.6	





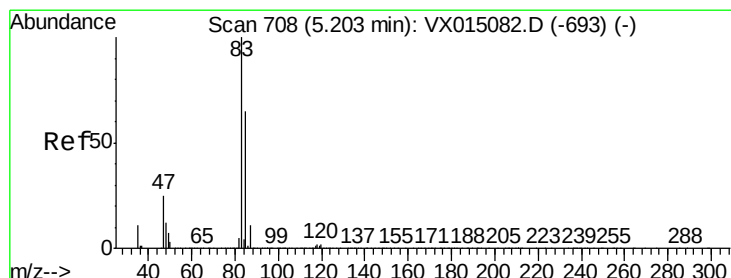
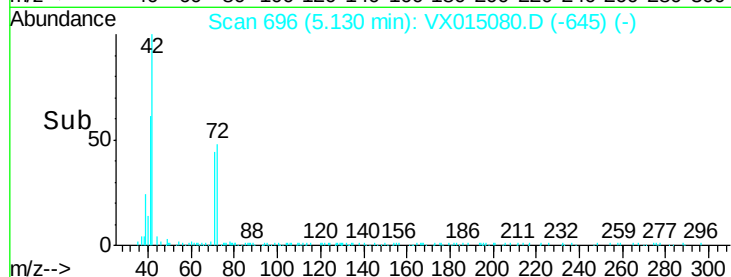
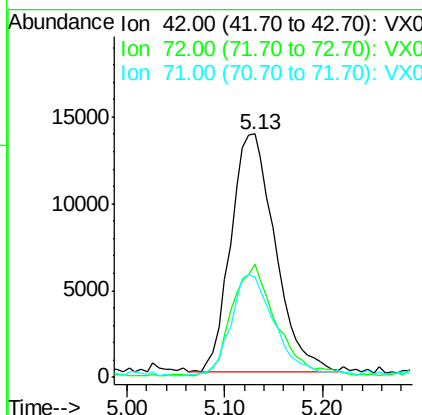
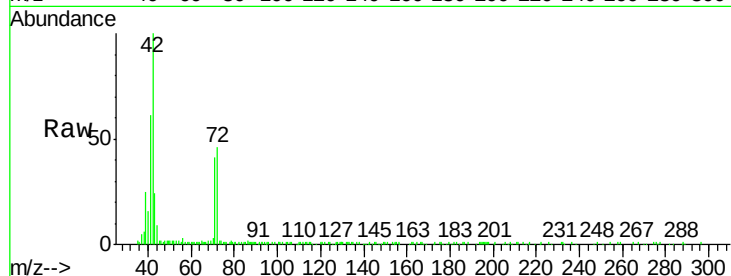
#29
Tetrahydrofuran
Concen: 23.902 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.01 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	42	Resp:	43121
Ion Ratio	Lower	Upper	
42	100		
72	46.8	36.4	54.6
71	41.7	33.3	49.9

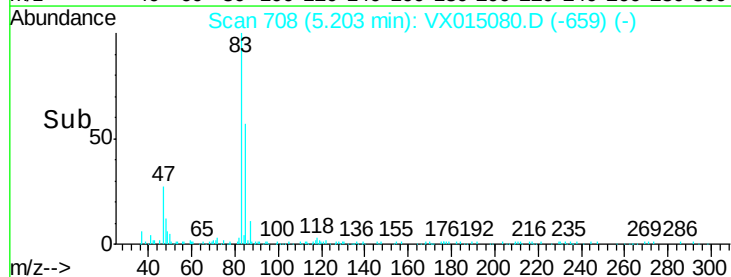
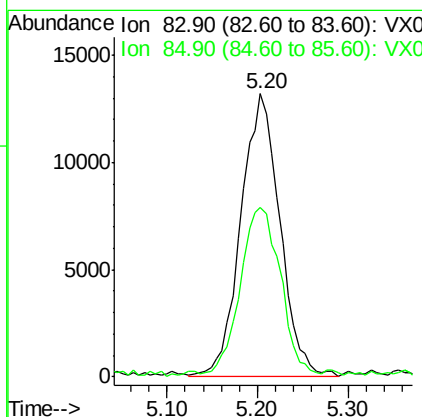
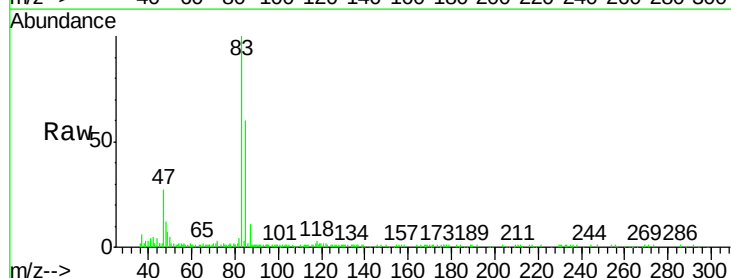
Manual Integrations
APPROVED

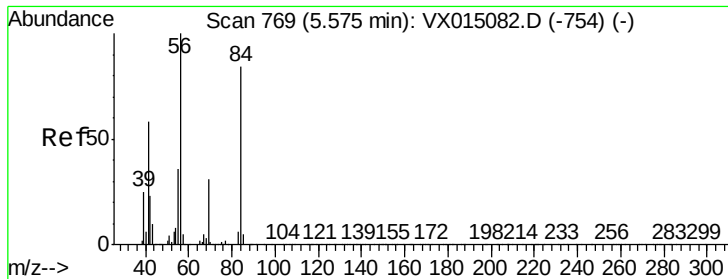
MMDadoda
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#30
Chloroform
Concen: 5.419 ug/l
RT: 5.20 min Scan# 708
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion:	83	Resp:	39374
Ion Ratio	Lower	Upper	
83	100		
85	58.1	52.0	78.0





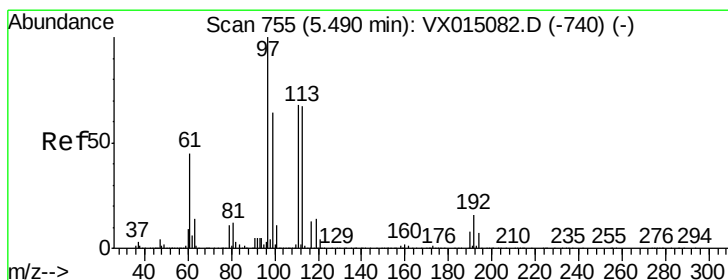
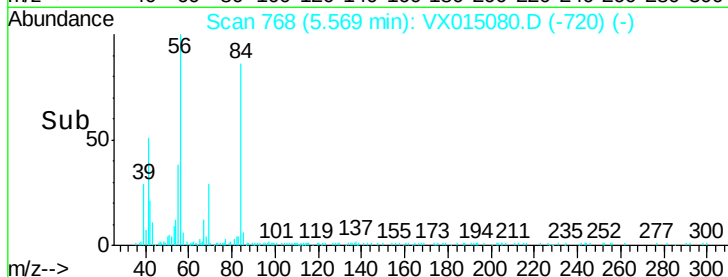
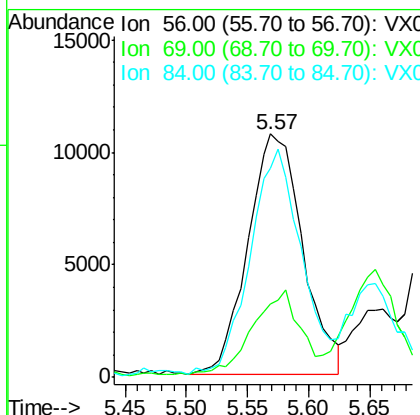
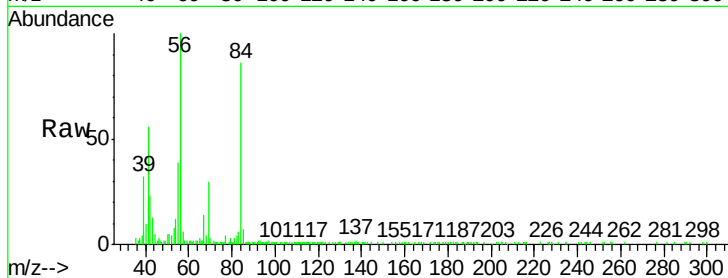
#31
Cyclohexane
Concen: 5.024 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.0	25.0	37.6
84	85.8	67.6	101.4

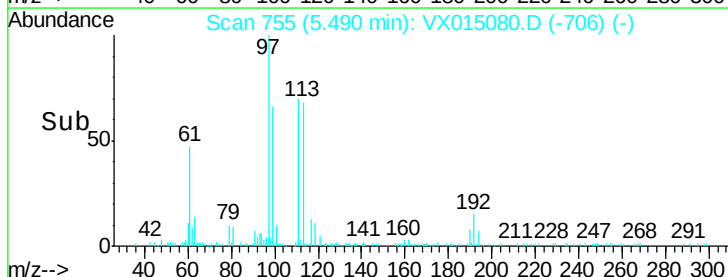
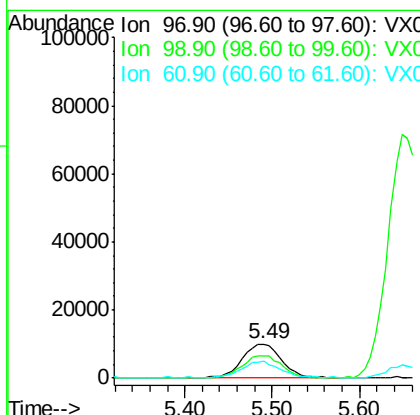
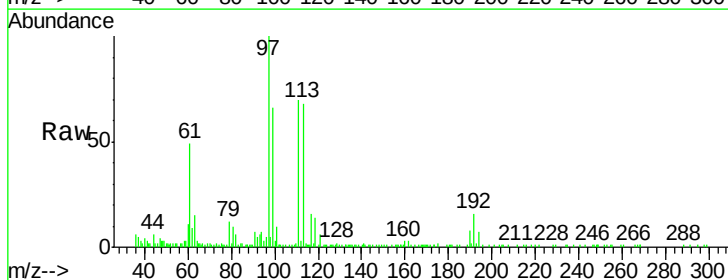
Manual Integrations
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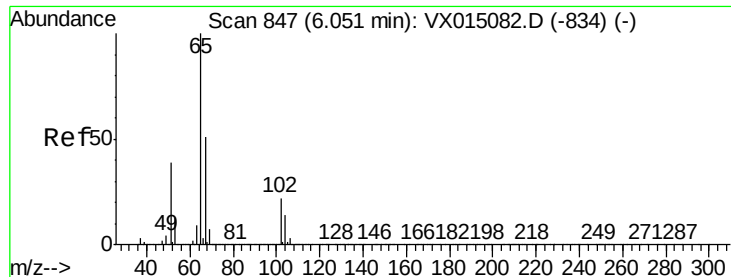
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 5.095 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.3	52.8	79.2
61	47.9	36.6	54.8





#33

1,2-Dichloroethane-d4

Concen: 5.366 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 25331

Ion Ratio Lower Upper

65 100

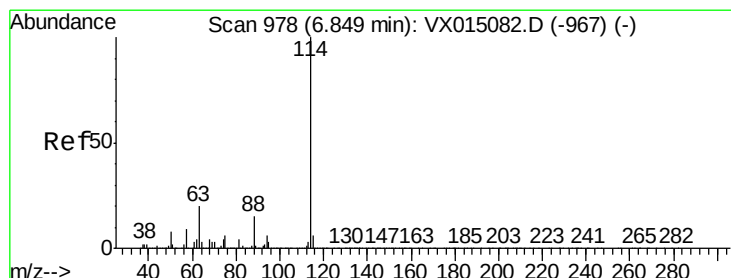
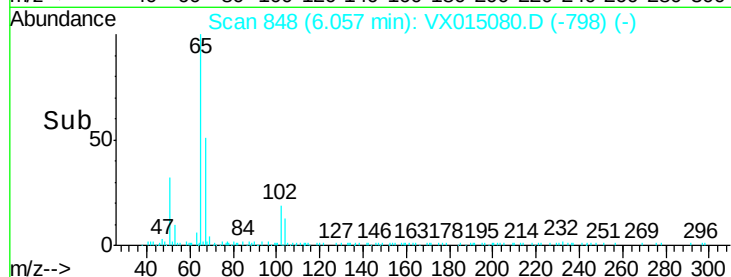
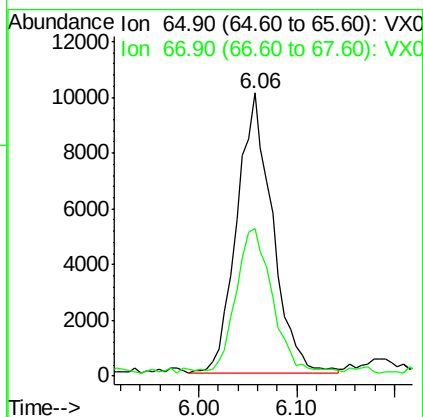
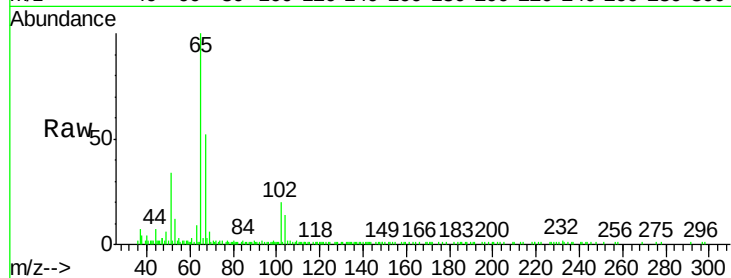
67 52.8 0.0 105.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

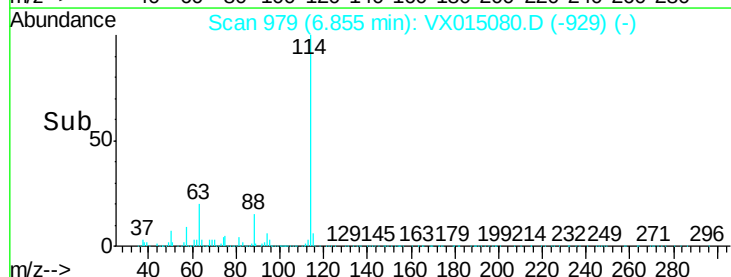
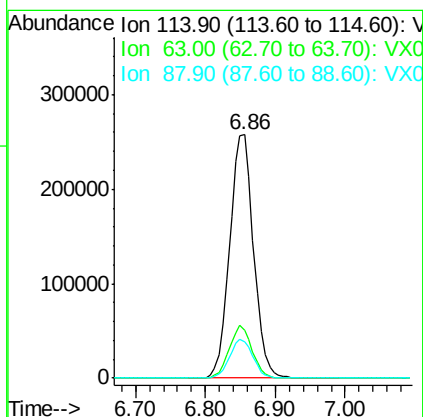
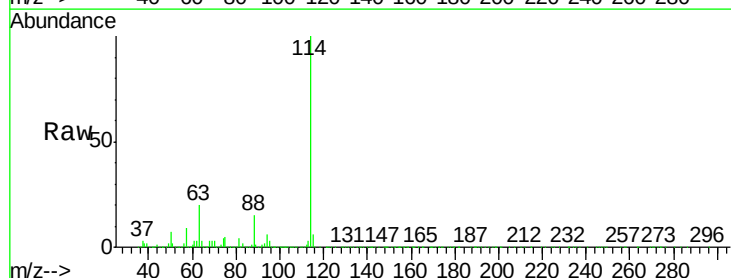
Tgt Ion: 114 Resp: 609656

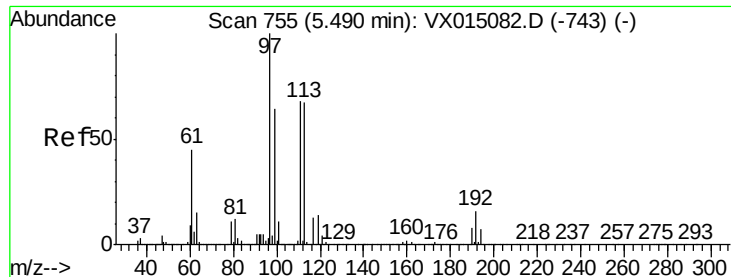
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 5.181 ug/l

RT: 5.50 min Scan# 756

Delta R.T. 0.01 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

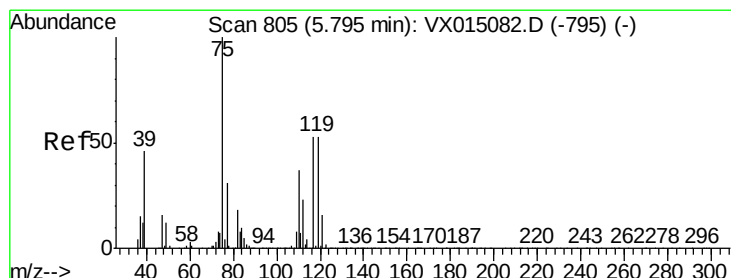
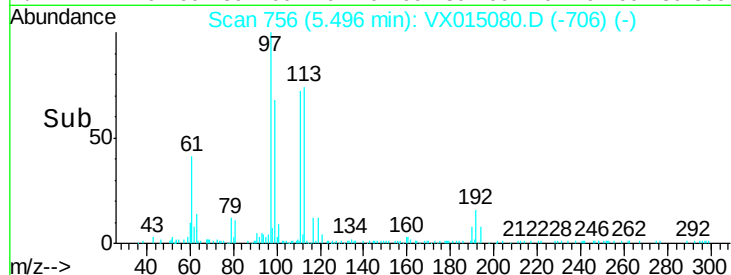
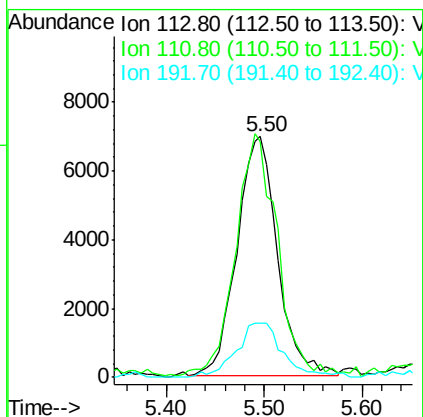
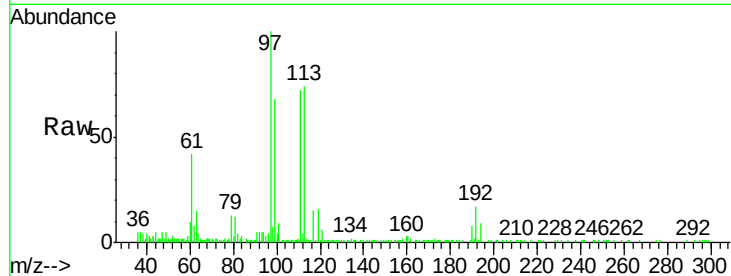
ClientSampled :

VSTDIC005

Tot Ion:	113	Resp:	19927
Ion Ratio	Lower	Upper	
113	100		
111	103.9	82.6	123.8
192	26.6	18.6	28.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 4.966 ug/l

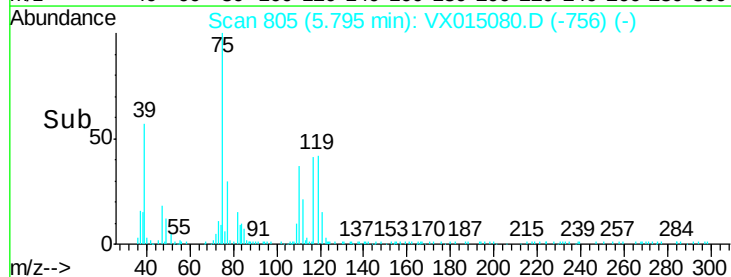
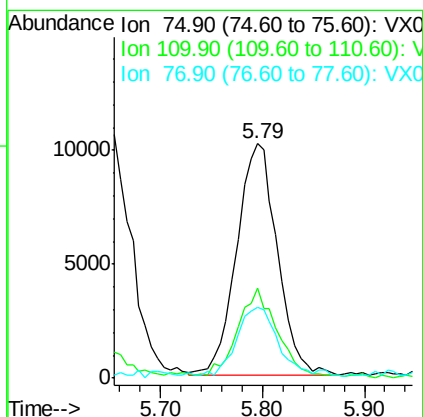
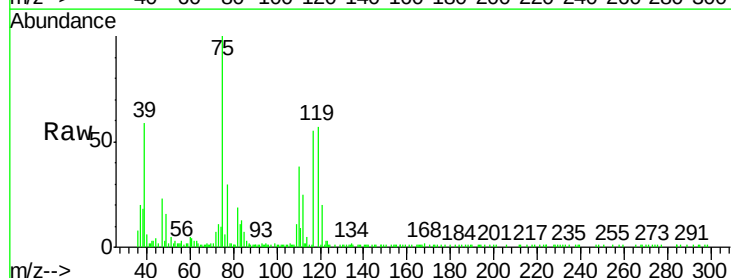
RT: 5.79 min Scan# 805

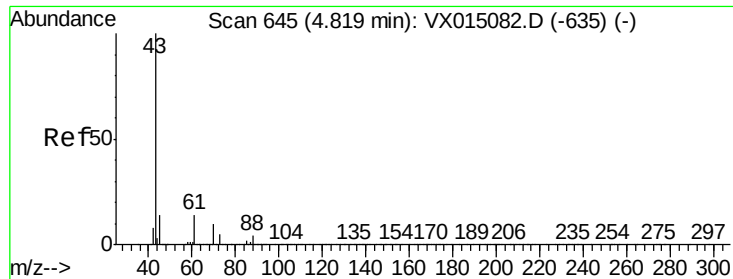
Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Tgt Ion:	75	Resp:	28007
Ion Ratio	Lower	Upper	
75	100		
110	36.2	17.9	53.8
77	29.6	24.8	37.2





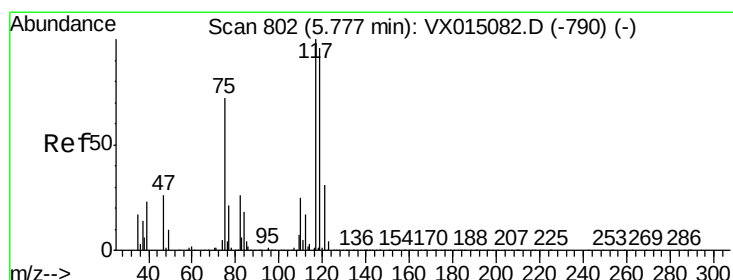
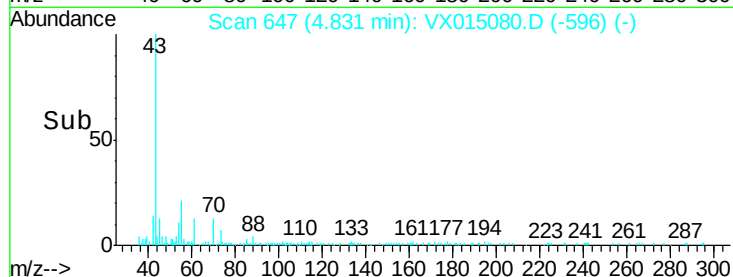
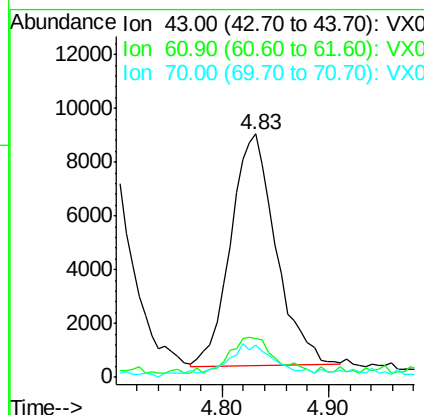
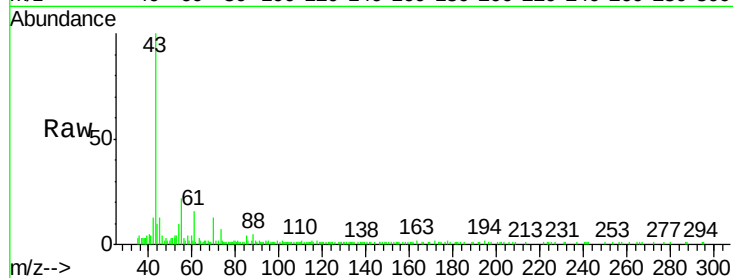
#37
Ethyl Acetate
Concen: 4.868 ug/l
RT: 4.83 min Scan# 647
Delta R.T. 0.01 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.0	16.4
70	14.1	8.1	12.1

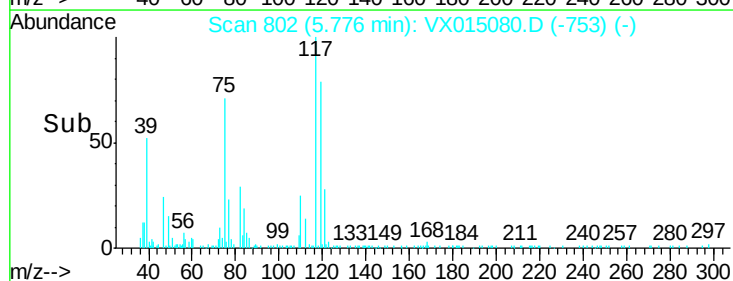
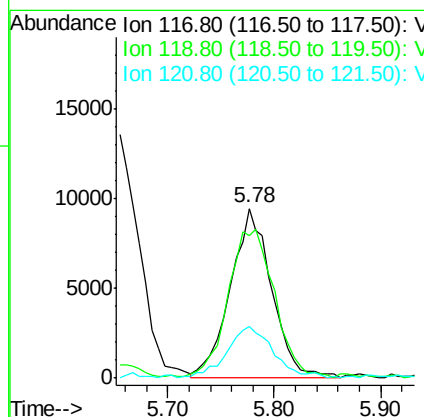
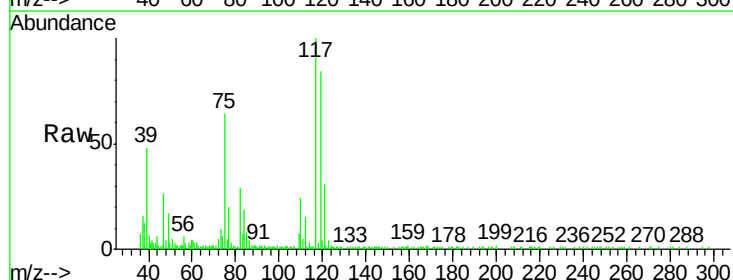
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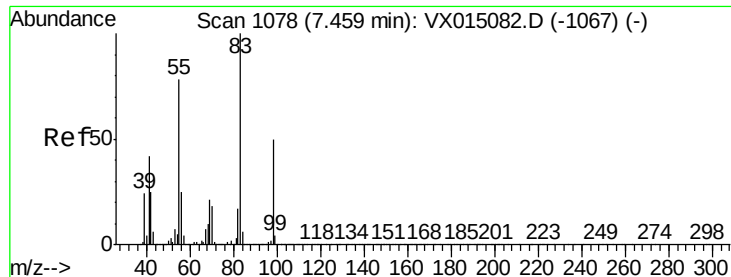
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#38
Carbon Tetrachloride
Concen: 4.749 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	82.3	76.9	115.3
121	30.9	24.6	37.0





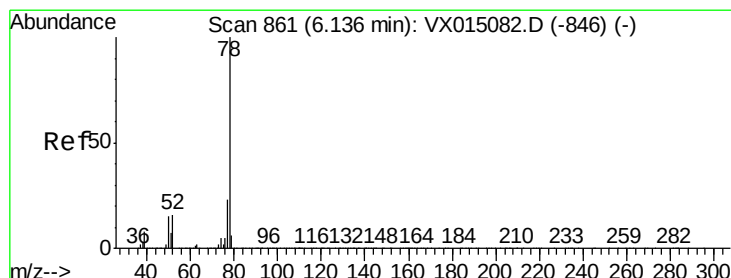
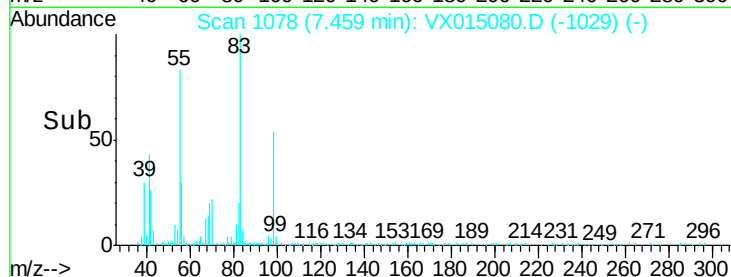
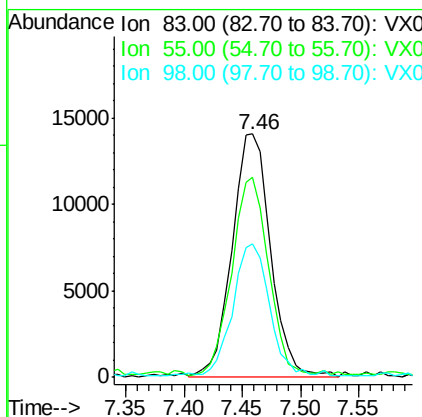
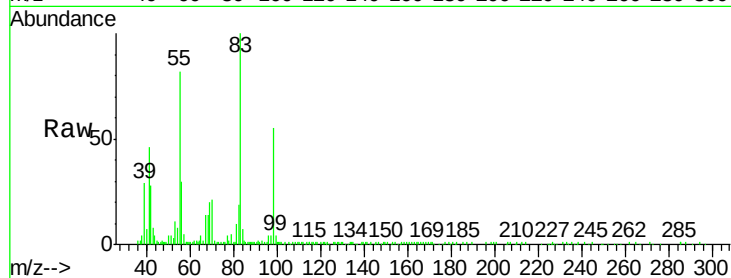
#39
Methylvlcyclohexane
Concen: 4.947 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.7	62.4	93.6
98	54.4	39.7	59.5

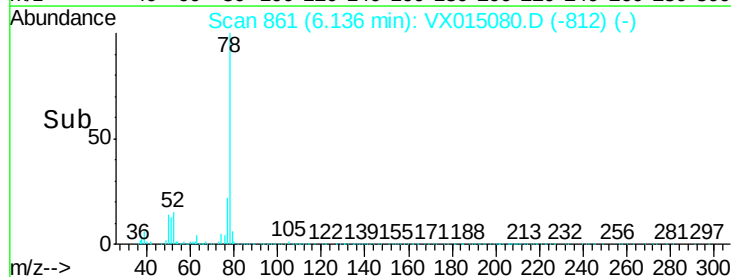
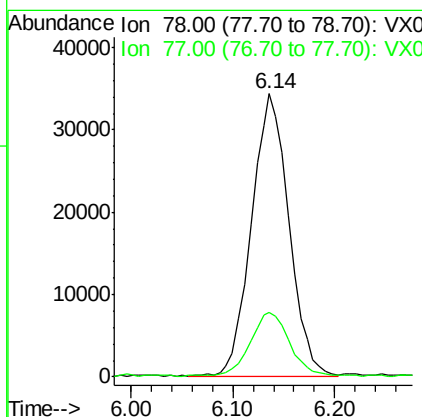
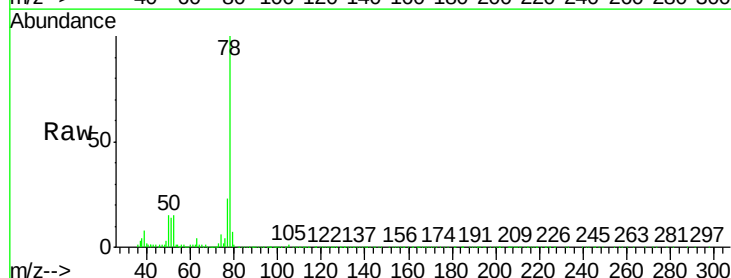
Manual Integrations
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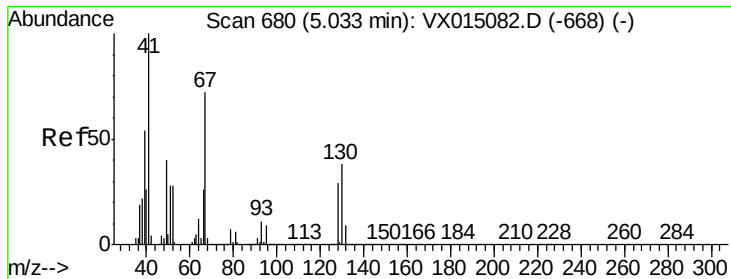
MMDadoda
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#40
Benzene
Concen: 5.203 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.6	28.0





#41

Methacrylonitrile

Concen: 5.259 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

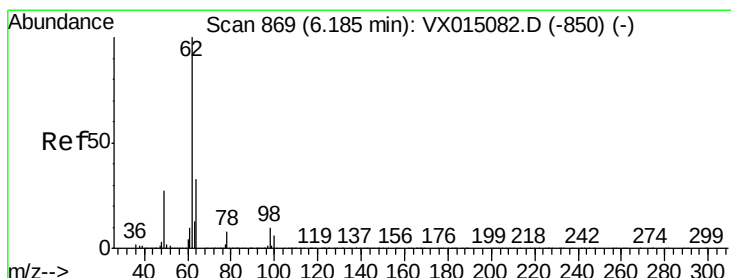
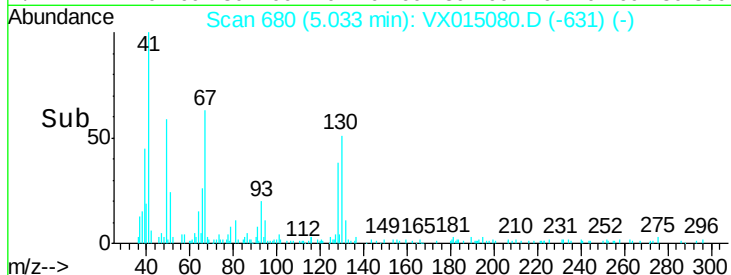
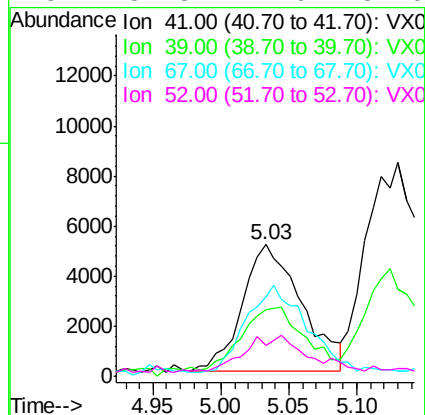
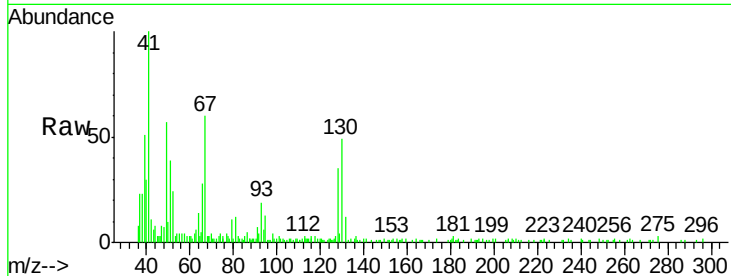
ClientSampled :

VSTDIC005

Tot Ion	41	Resp:	15256
Ion	Ratio	Lower	Upper
41	100		
39	57.9	43.9	65.9
67	81.4	57.8	86.8
52	32.8	22.6	34.0

Manual Integrations
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3/5/2020 12:32:22 PM



#42

1,2-Dichloroethane

Concen: 5.249 ug/l

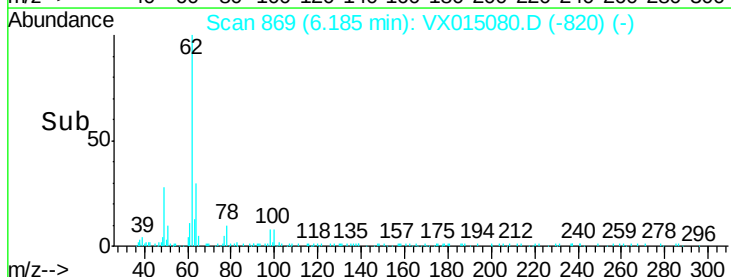
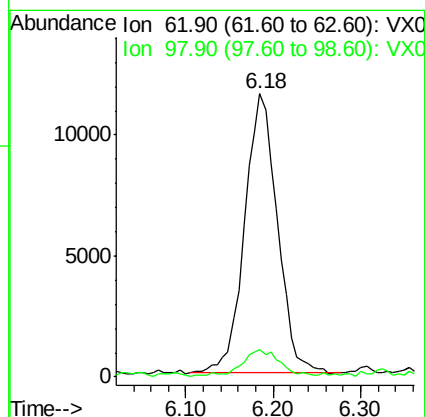
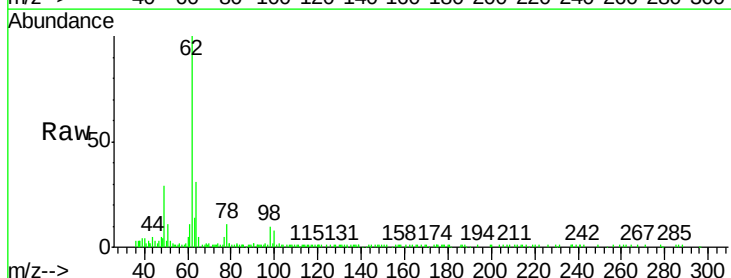
RT: 6.18 min Scan# 869

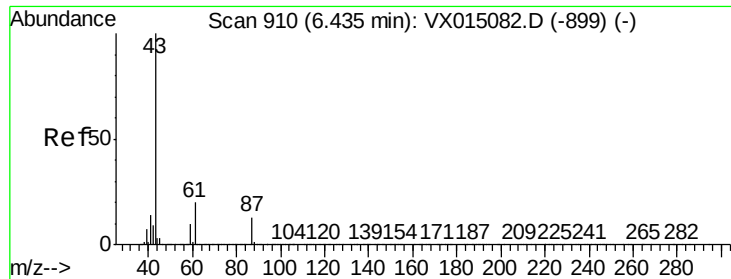
Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Tgt Ion	62	Resp:	30162
Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	20.6





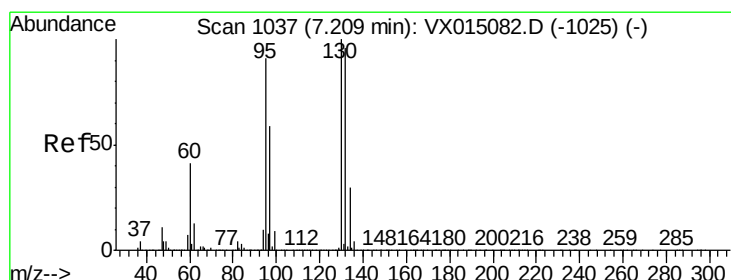
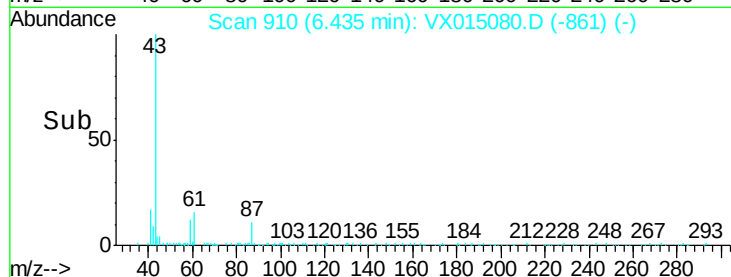
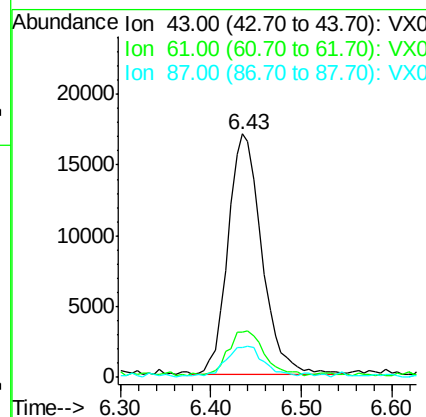
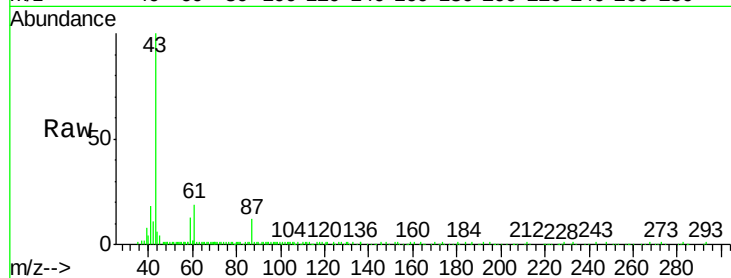
#43
Isopropyl Acetate
Concen: 4.799 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.1	24.1
87	14.0	10.6	16.0

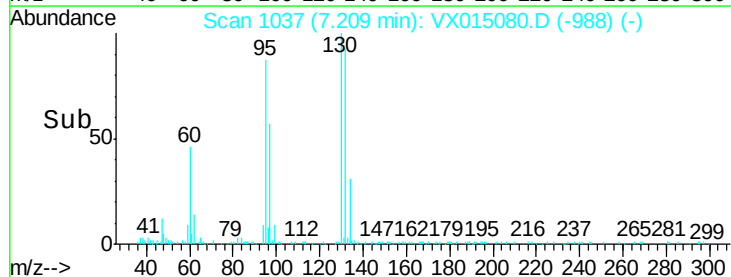
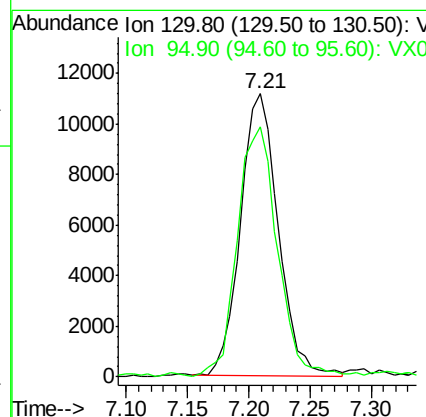
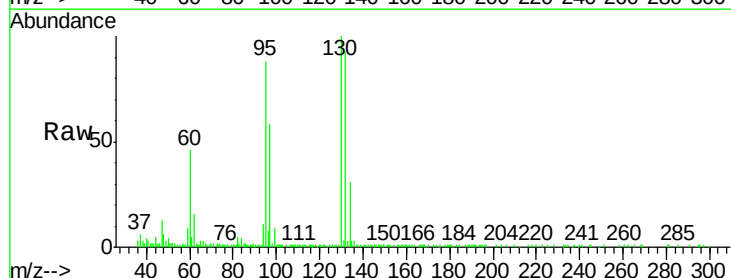
Manual Integrations
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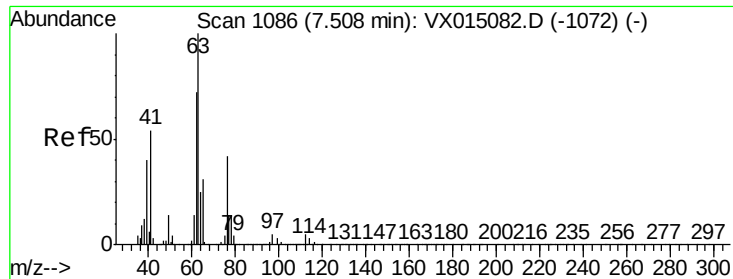
MMDadoda
3/5/2020 12:32:22 PM



#44
Trichloroethene
Concen: 5.136 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.9	0.0	181.2





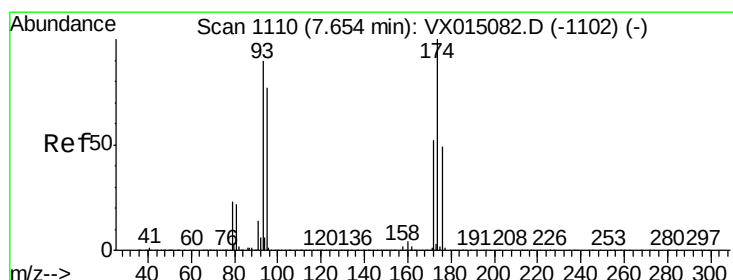
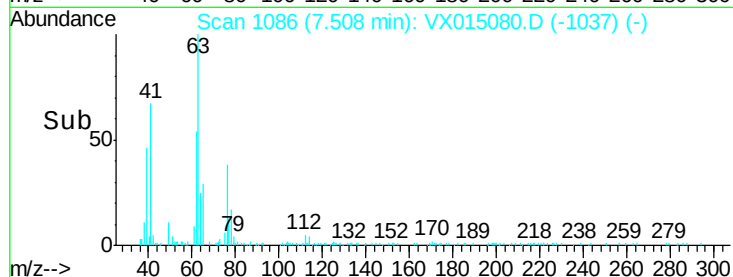
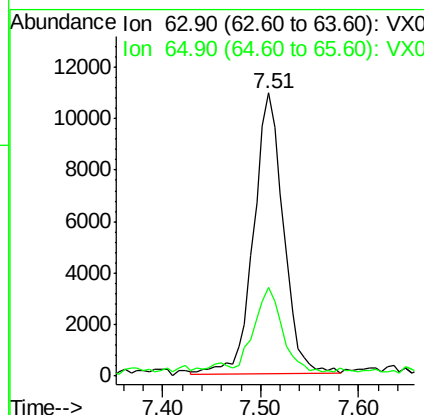
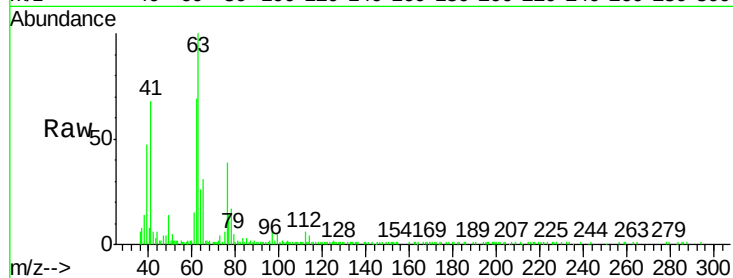
#45
 1,2-Dichloropropane
 Concen: 5.301 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015080.D
 Acq: 04 Mar 2020 09:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	24.6	36.8

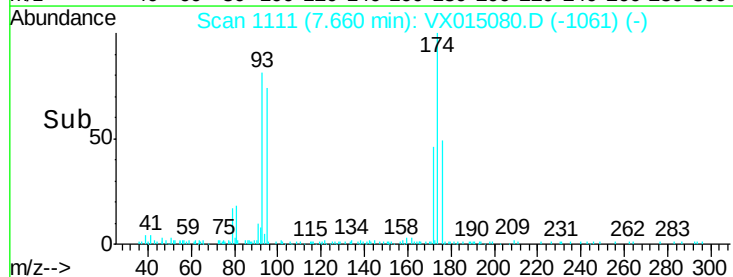
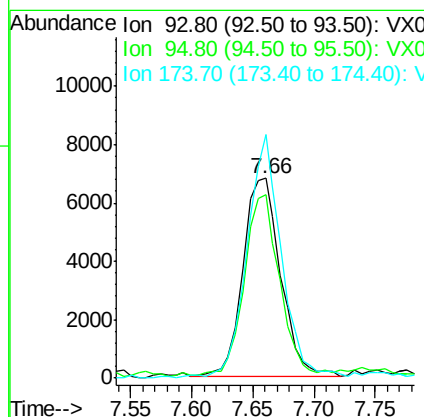
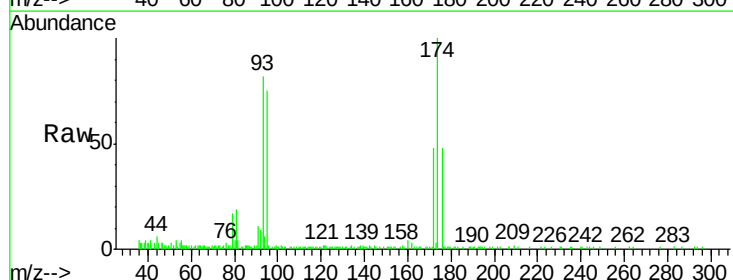
Manual Integrations
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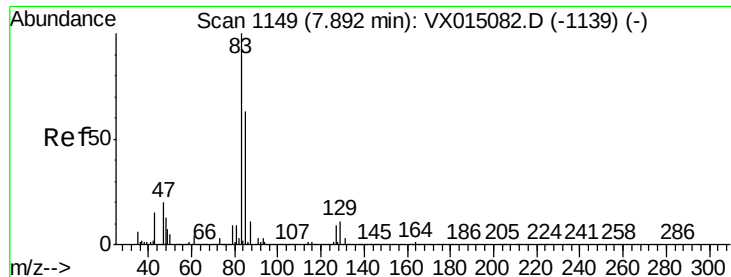
MMDadoda
 3/5/2020 12:32:22 PM



#46
 Dibromomethane
 Concen: 5.103 ug/l
 RT: 7.66 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VX015080.D
 Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	86.7	67.8	101.8
174	114.0	91.0	136.4





#47

Bromodichloromethane

Concen: 4.814 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

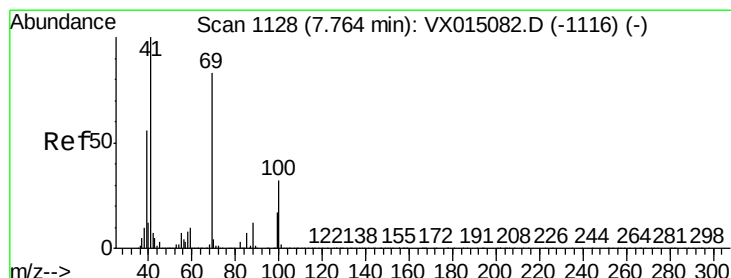
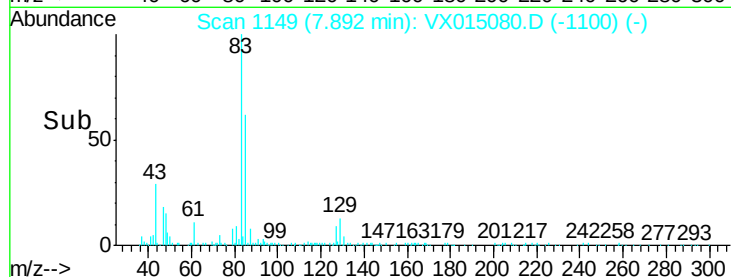
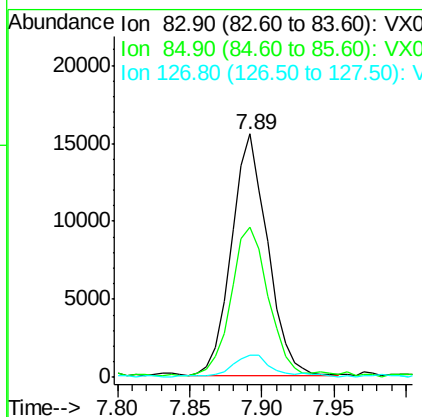
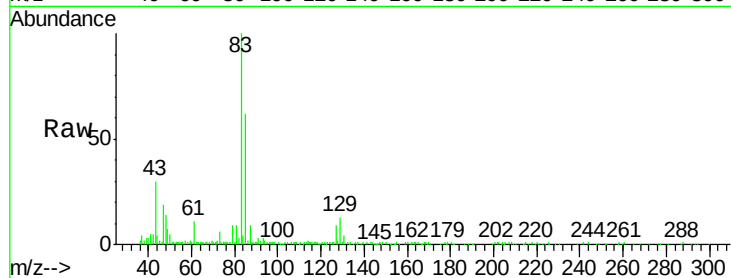
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	26862
Ion	Ratio	Lower	Upper
83	100		
85	61.7	50.6	75.8
127	8.5	7.1	10.7

Manual Integrations
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MMDadoda
3/5/2020 12:32:22 PM



#48

Methyl methacrylate

Concen: 4.649 ug/l

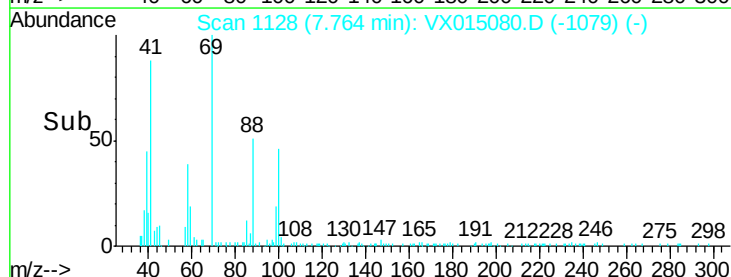
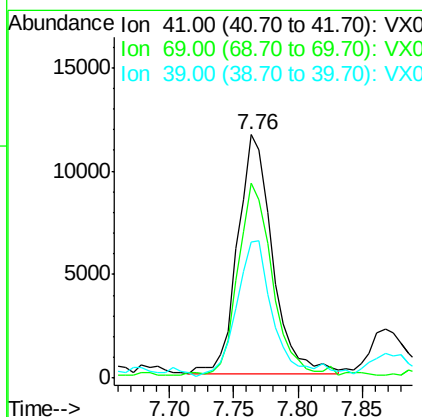
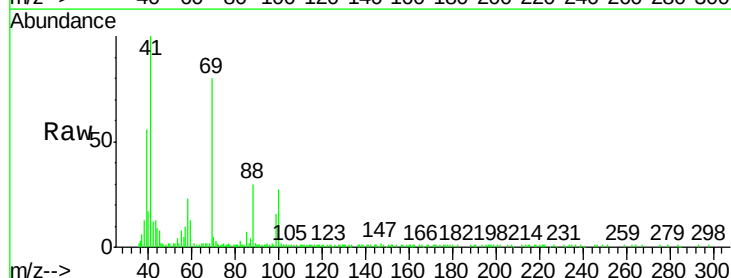
RT: 7.76 min Scan# 1128

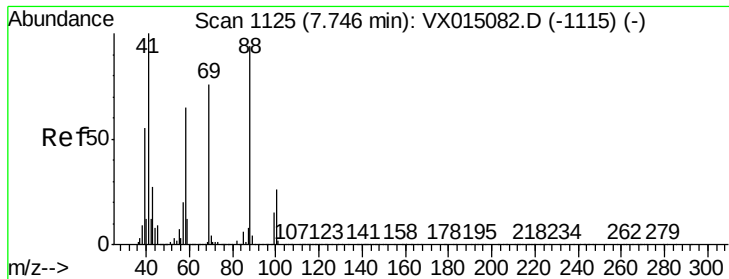
Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Tgt Ion:	41	Resp:	21776
Ion	Ratio	Lower	Upper
41	100		
69	78.9	65.4	98.2
39	56.7	44.6	67.0





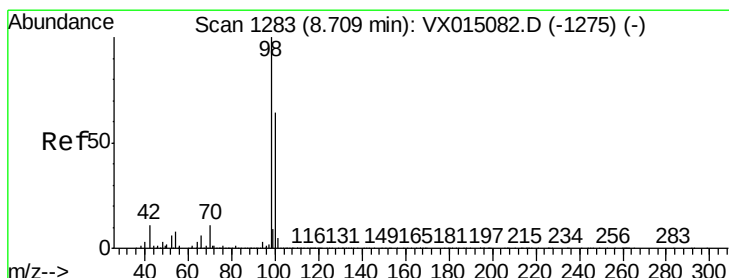
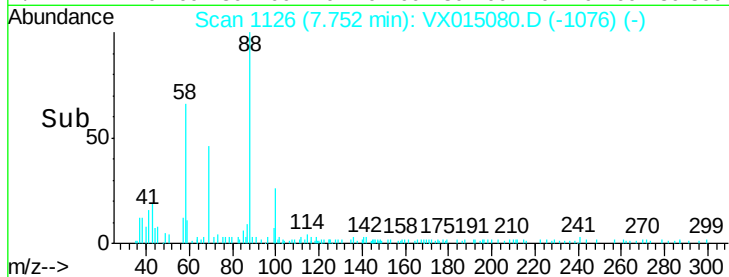
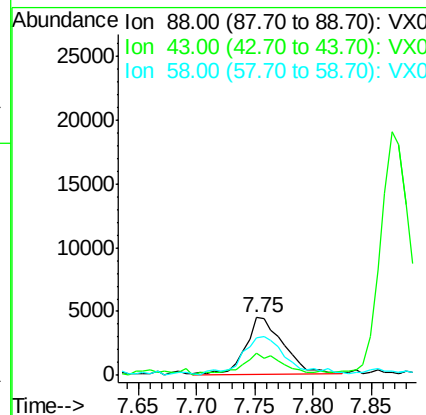
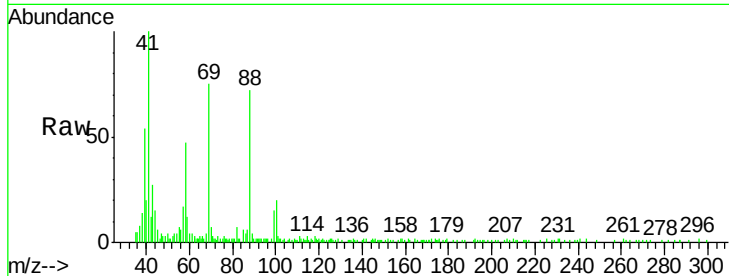
#49
1,4-Dioxane
Concen: 100.658 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.01 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	27.0	40.4
58	81.8	55.6	83.4

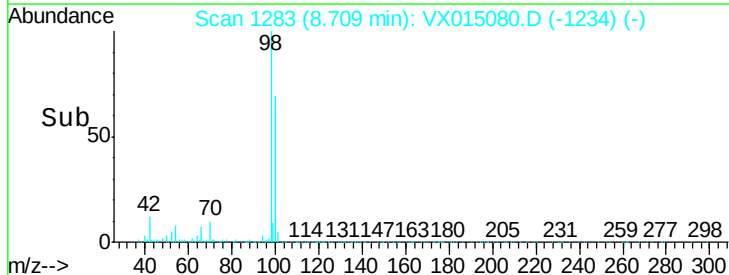
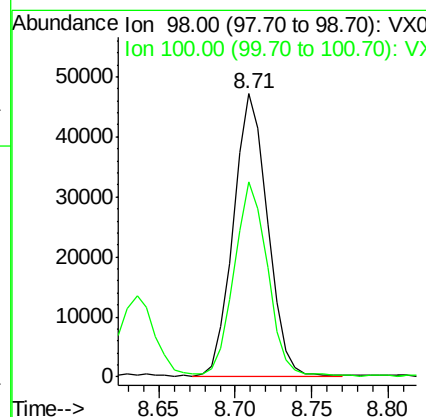
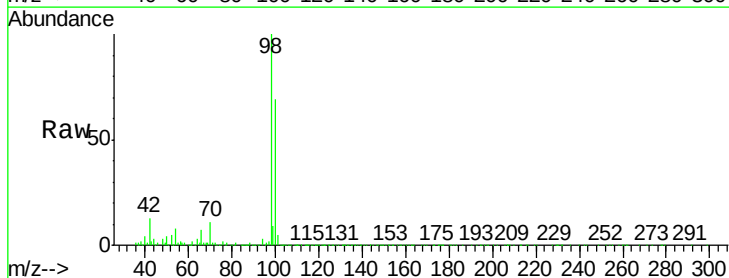
Manual Integrations
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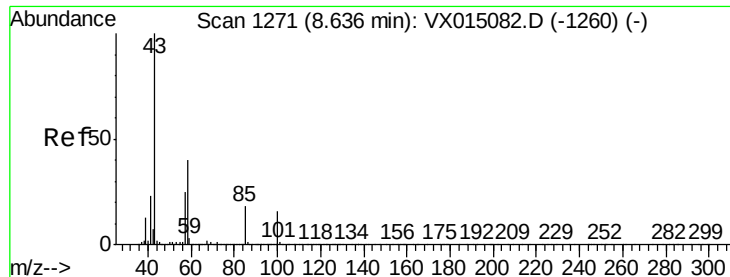
MMDadoda
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#50
Toluene-d8
Concen: 4.979 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.5	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 24.614 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 133917

Ion Ratio Lower Upper

43 100

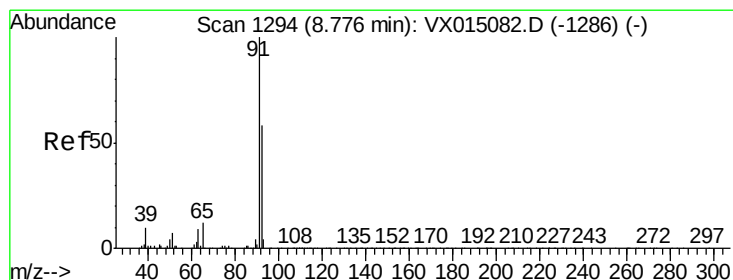
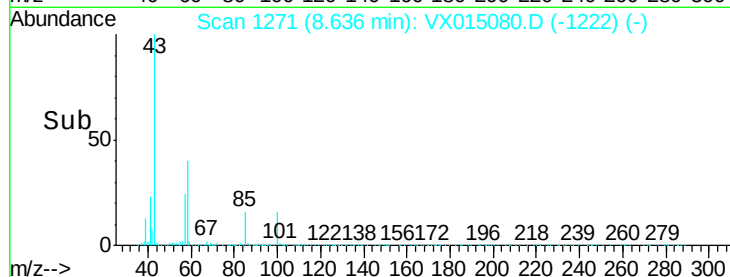
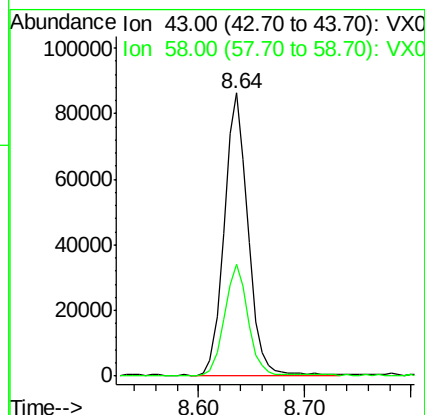
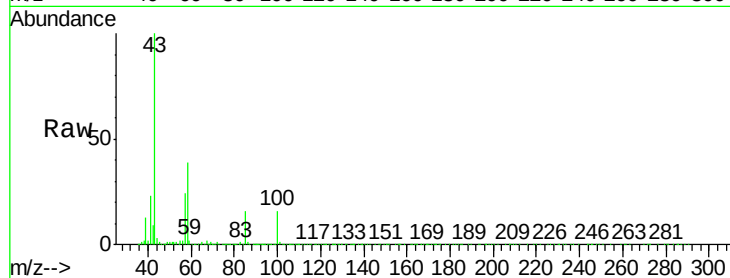
58 38.7 31.6 47.4

Manual Integrations

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MMDadoda

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#52

Toluene

Concen: 5.175 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015080.D

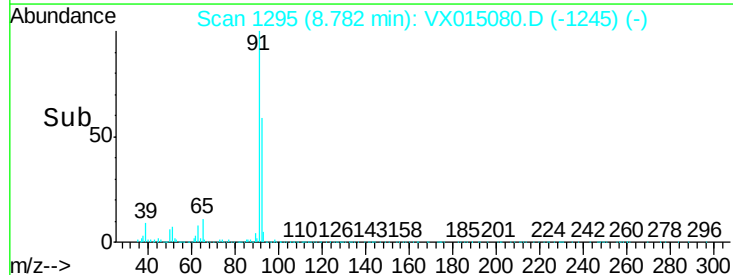
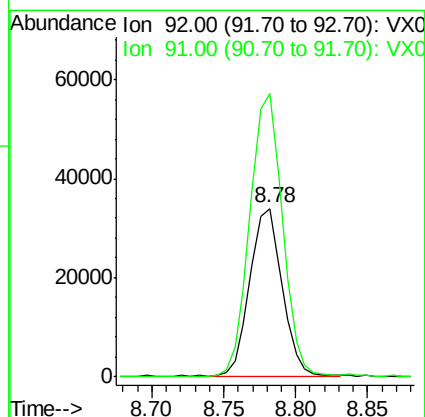
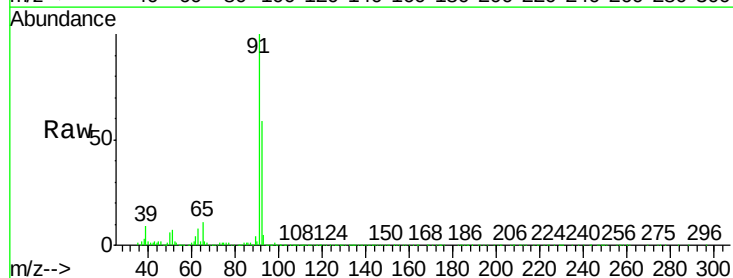
Acq: 04 Mar 2020 09:02

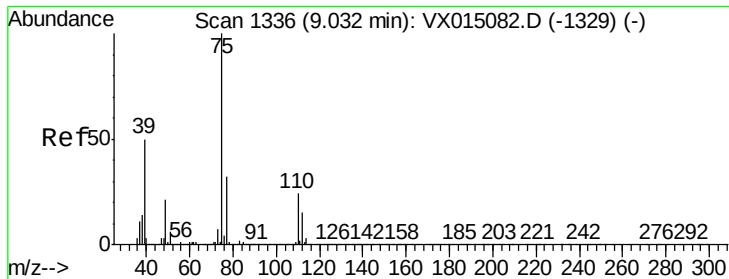
Tgt Ion: 92 Resp: 52944

Ion Ratio Lower Upper

92 100

91 169.6 136.9 205.3





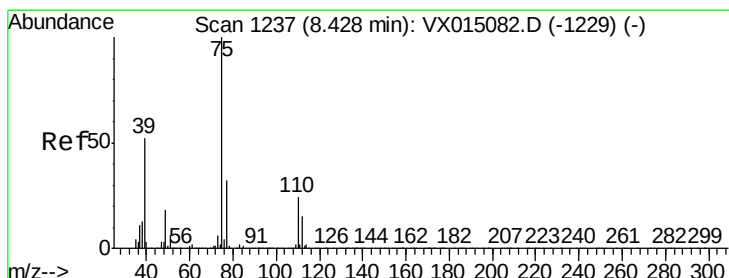
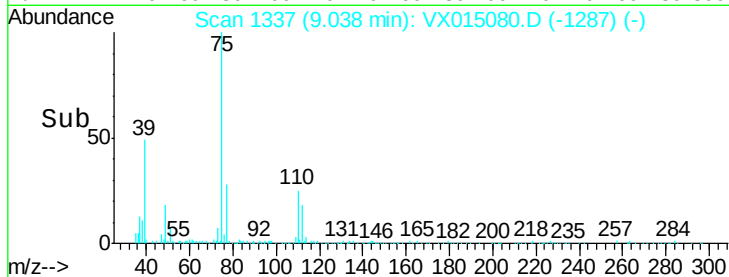
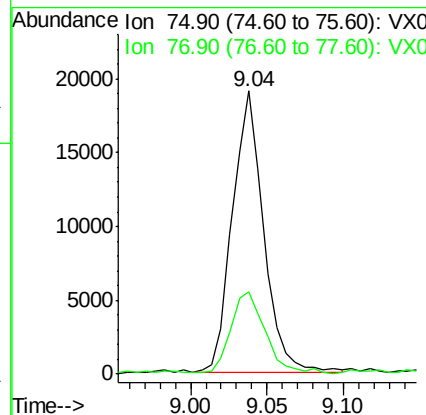
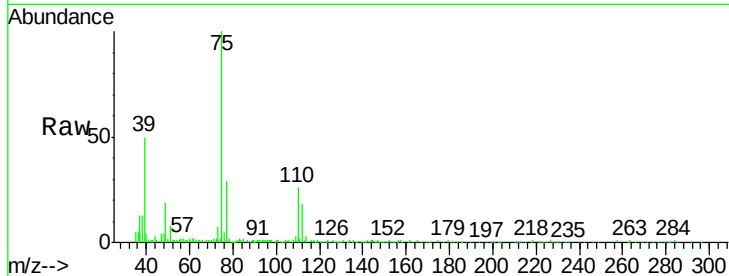
#53
t-1,3-Dichloropropene
Concen: 4.520 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 75 Resp: 27023
Ion Ratio Lower Upper
75 100
77 28.4 25.4 38.0

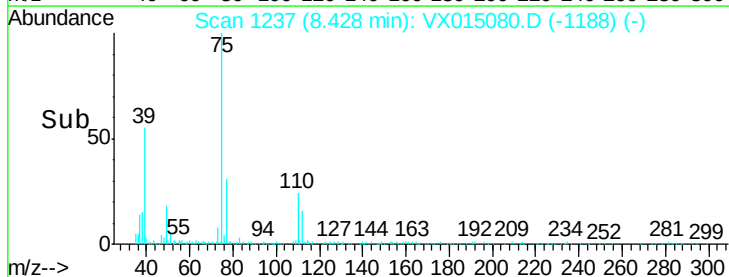
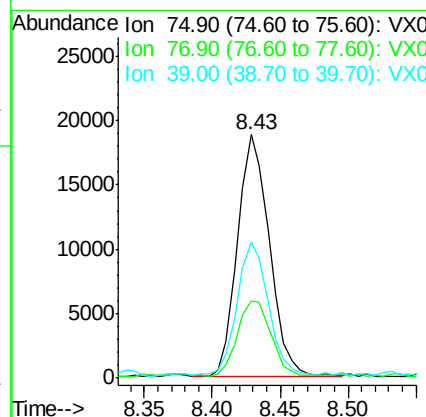
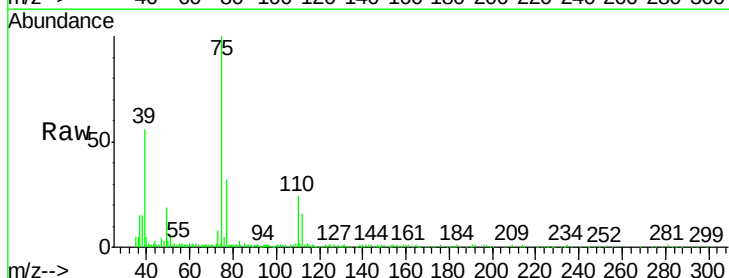
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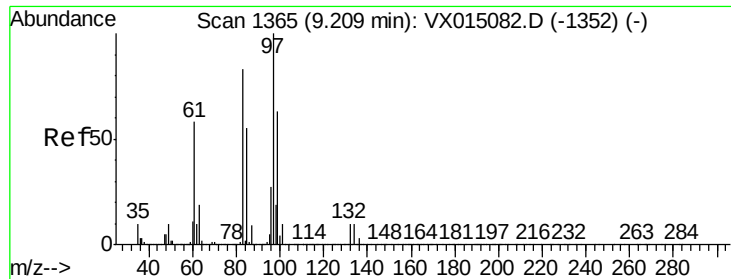
MMDadoda
3/5/2020 12:32:22 PM



#54
cis-1,3-Dichloropropene
Concen: 4.610 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion: 75 Resp: 30955
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.6
39 55.4 41.3 61.9





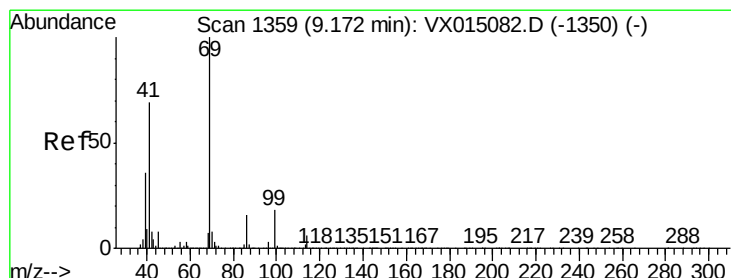
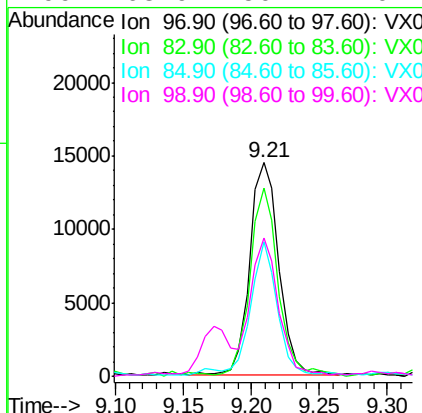
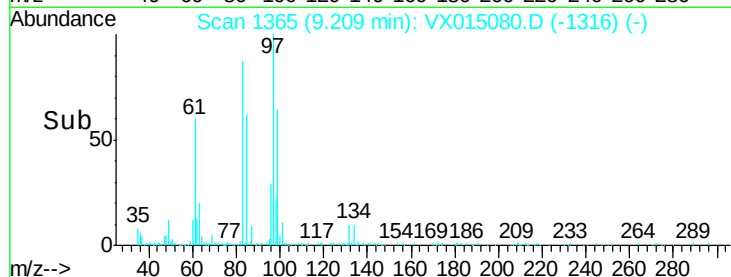
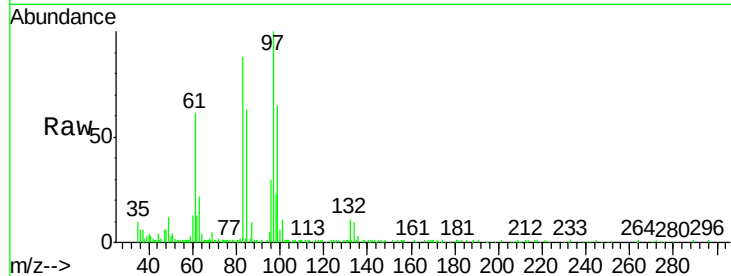
#55
 1,1,2-Trichloroethane
 Concen: 5.180 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015080.D
 Acq: 04 Mar 2020 09:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		21812		
83	87.3	66.4	99.6		
85	62.7	43.5	65.3		
99	63.9	50.7	76.1		

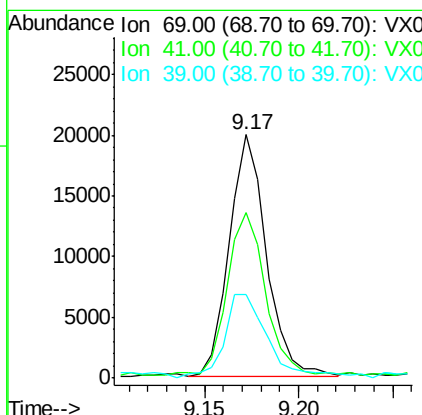
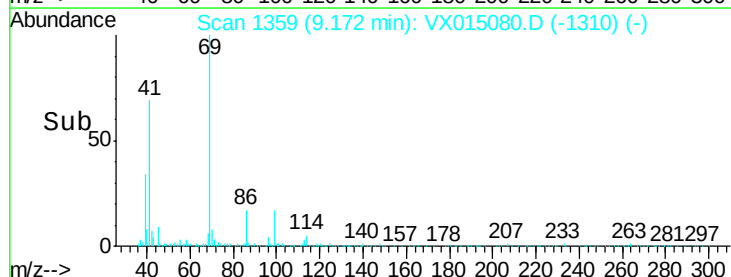
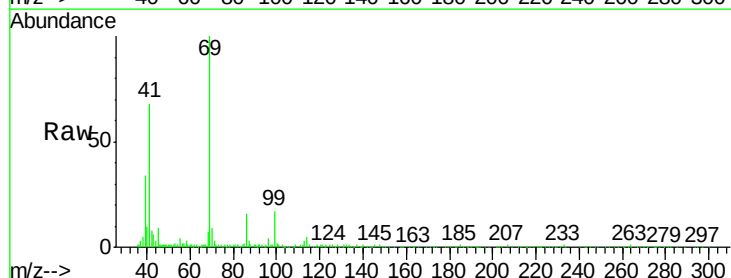
Manual Integrations
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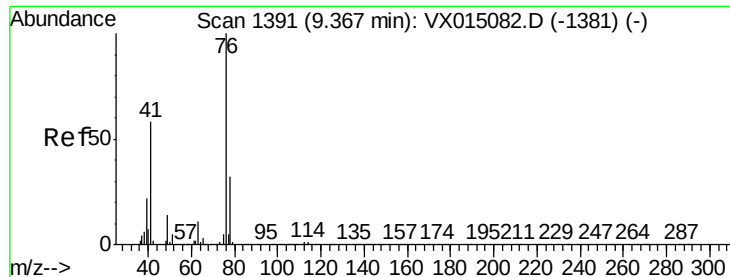
MMDadoda
 3/5/2020 12:32:22 PM



#56
 Ethyl methacrylate
 Concen: 4.503 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015080.D
 Acq: 04 Mar 2020 09:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		27044		
41	69.3	55.8	83.8		
39	41.3	29.4	44.2		





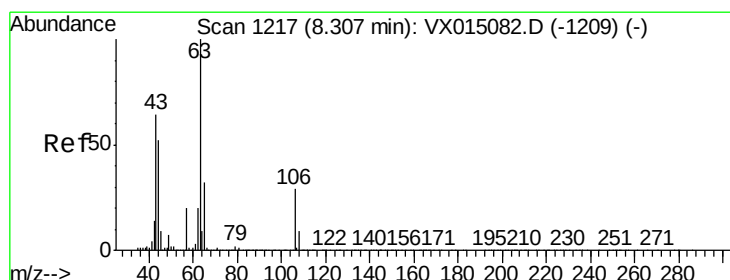
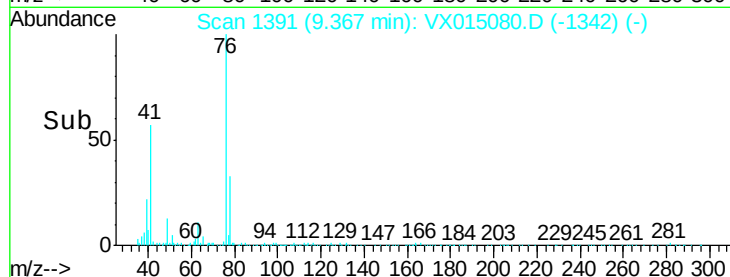
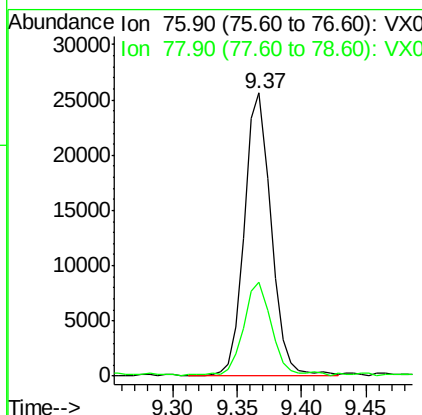
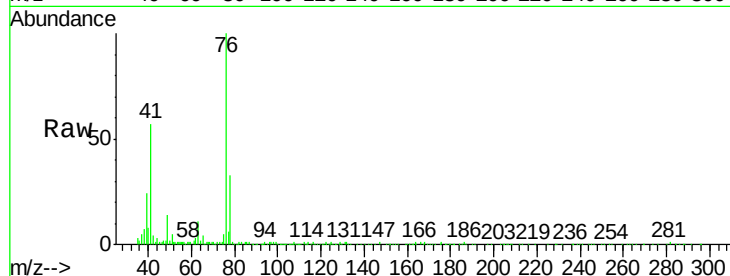
#57
 1,3-Dichloropropane
 Concen: 5.147 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX015080.D
 Acq: 04 Mar 2020 09:02

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	34.6	25.6	38.4

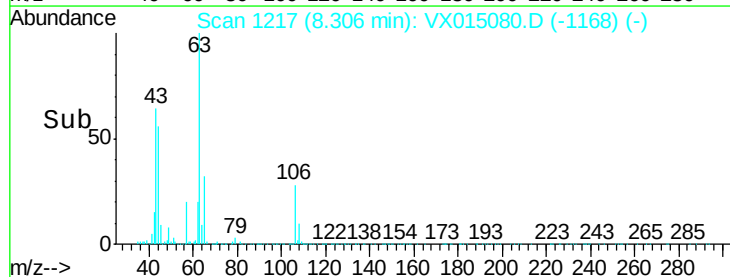
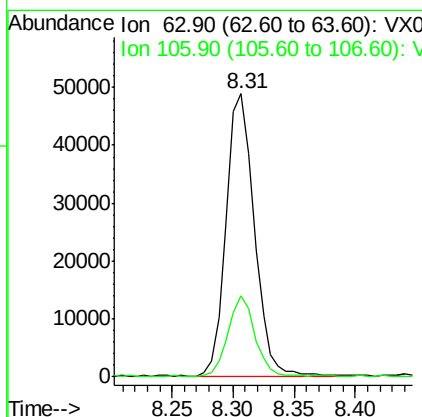
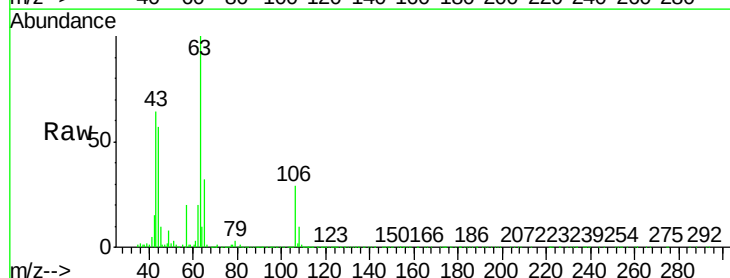
Manual Integrations
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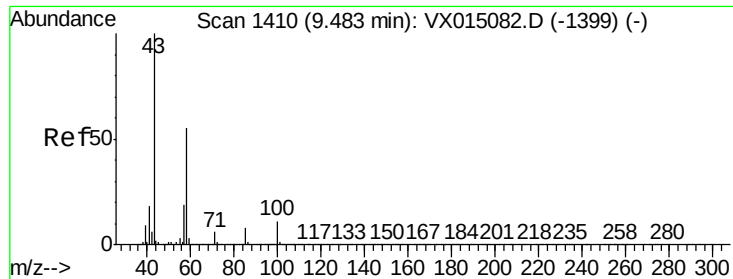
MMDadoda
 3/5/2020 12:32:22 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 23.798 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX015080.D
 Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.4	22.8	34.2





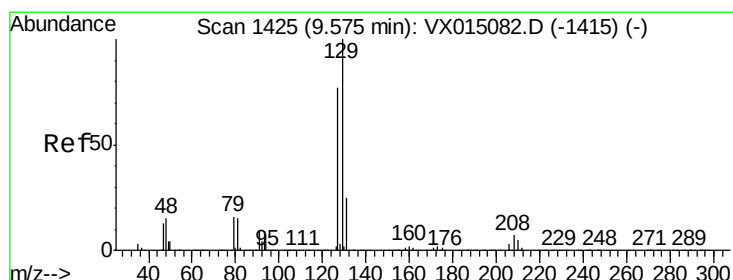
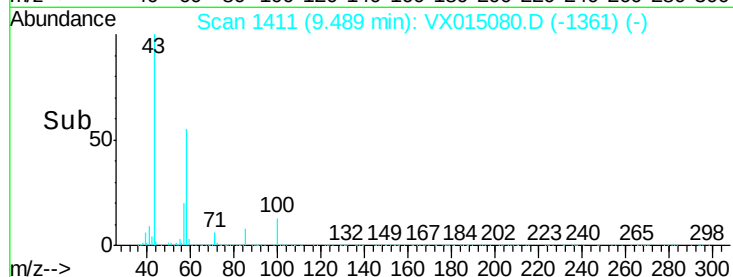
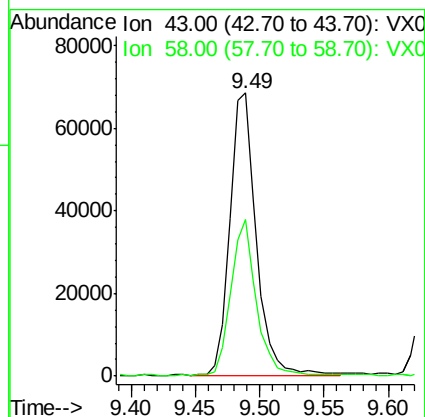
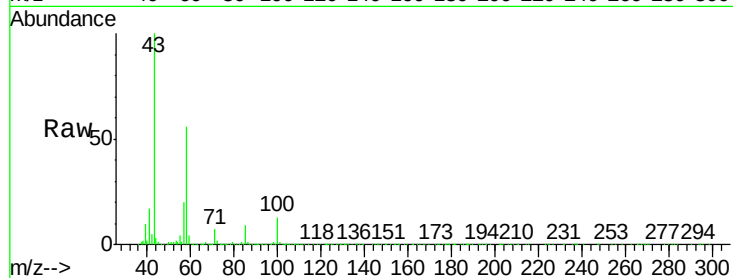
#59
2-Hexanone
Concen: 24.330 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.6	27.3	81.8

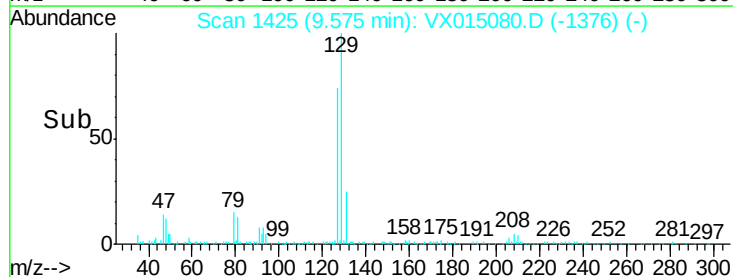
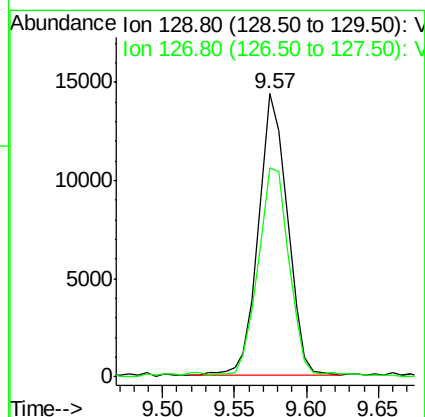
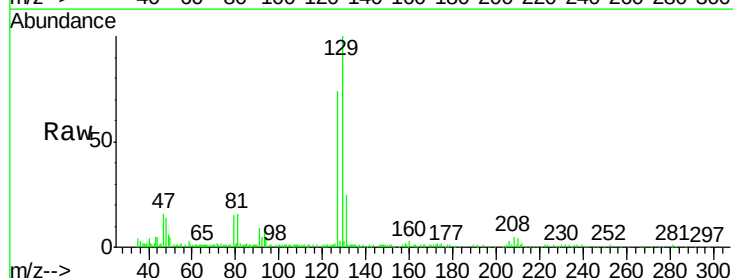
Manual Integrations
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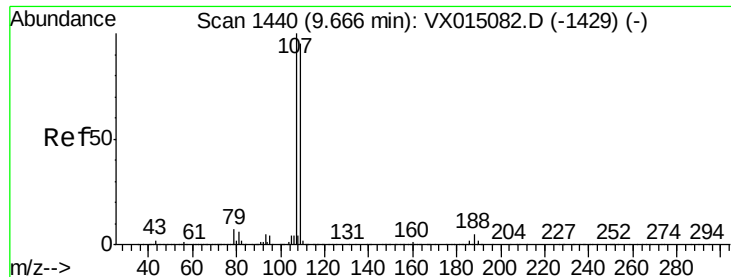
MMDadoda
3/5/2020 12:32:22 PM



#60
Dibromochloromethane
Concen: 4.504 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
129	100		
127	81.7	38.8	116.3





#61

1,2-Dibromoethane

Concen: 5.281 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 107 Resp: 23358

Ion Ratio Lower Upper

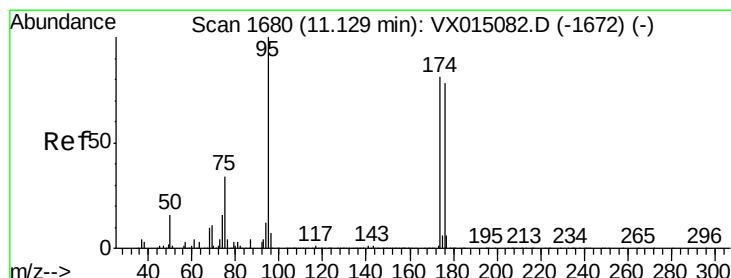
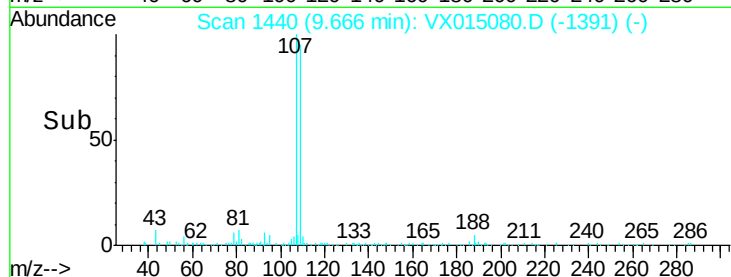
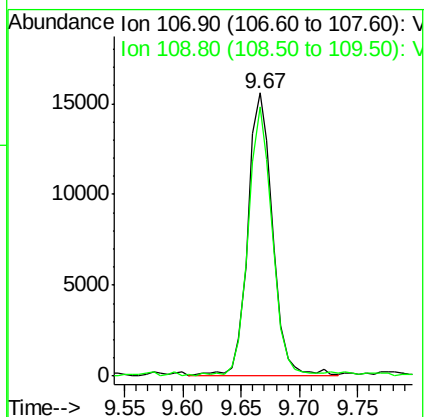
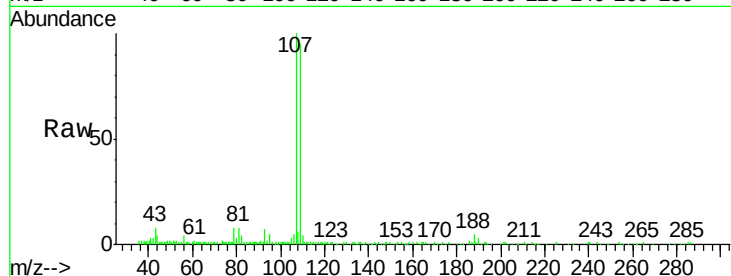
107 100

109 92.4 75.6 113.4

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 4.768 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

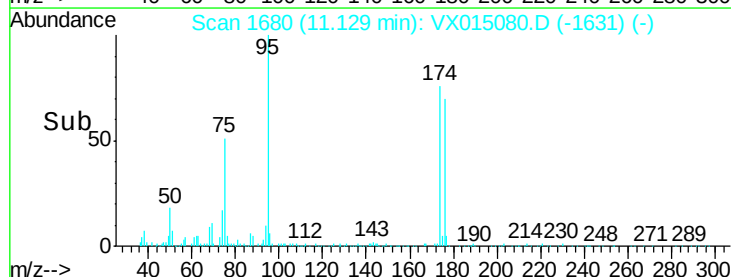
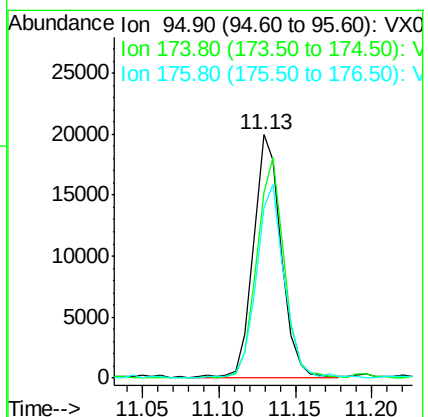
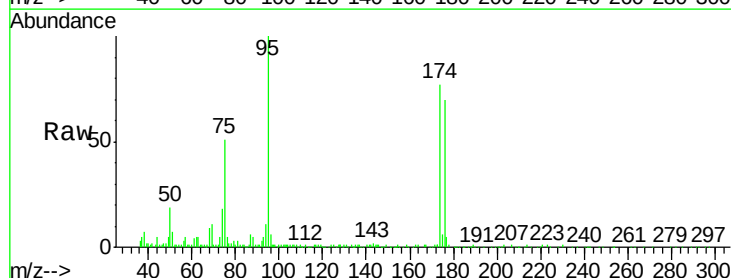
Tgt Ion: 95 Resp: 24883

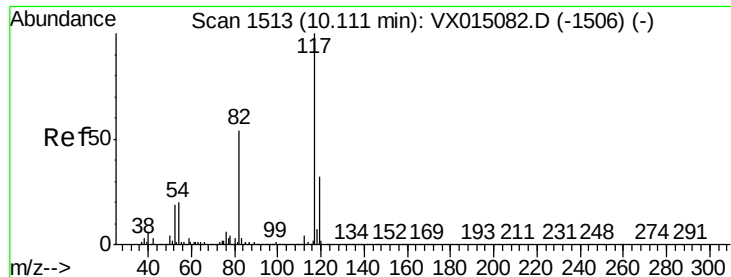
Ion Ratio Lower Upper

95 100

174 91.0 0.0 177.6

176 82.5 0.0 170.2





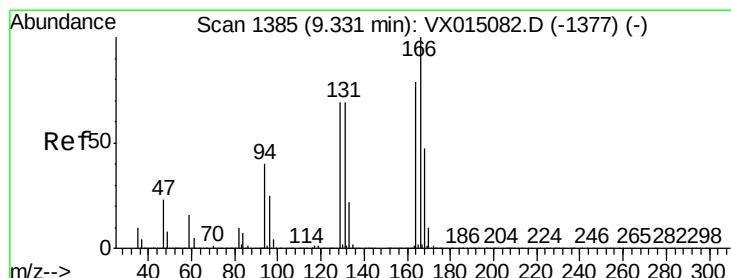
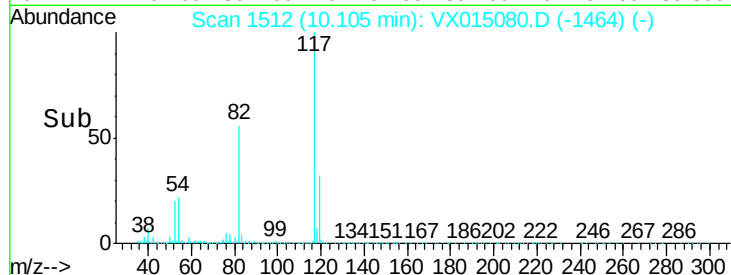
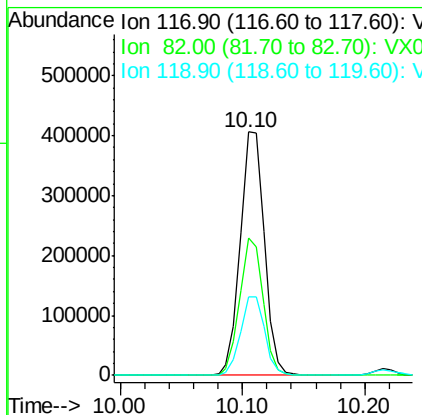
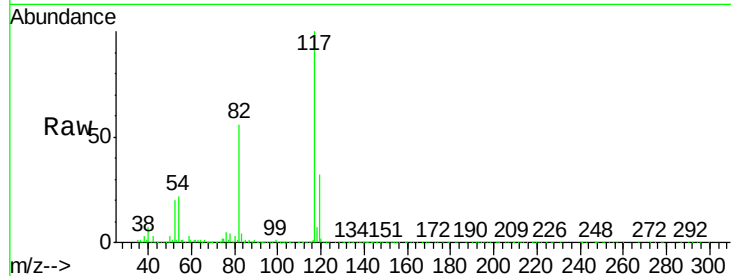
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.3	64.9
119	32.4	25.8	38.8

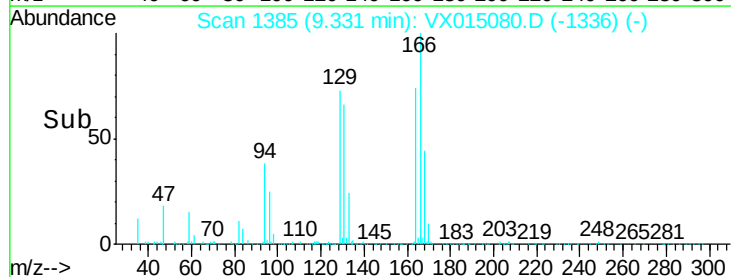
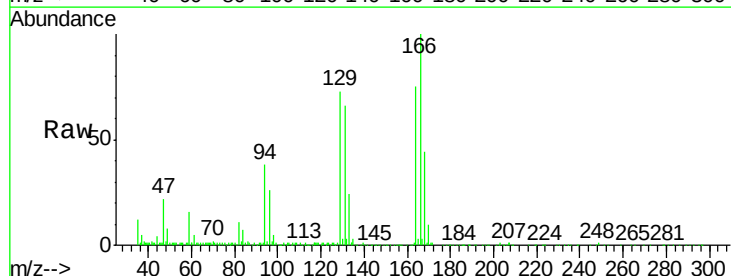
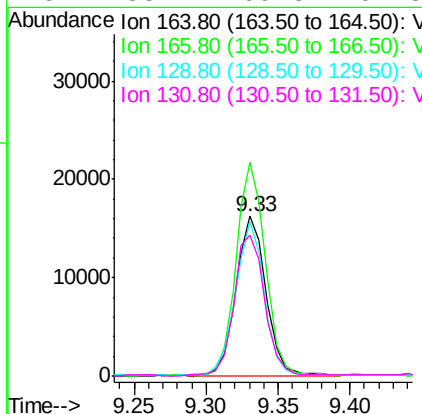
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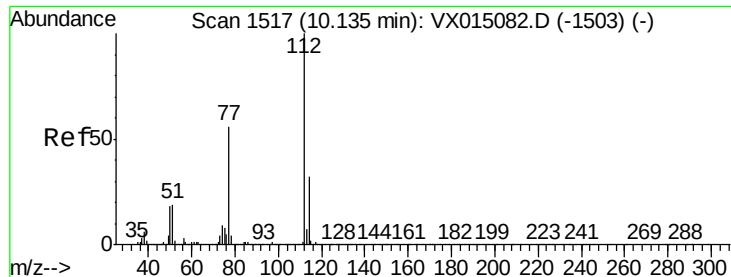
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#64
Tetrachloroethene
Concen: 5.161 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.4	101.1	151.7
129	96.6	69.4	104.0
131	88.1	69.8	104.8





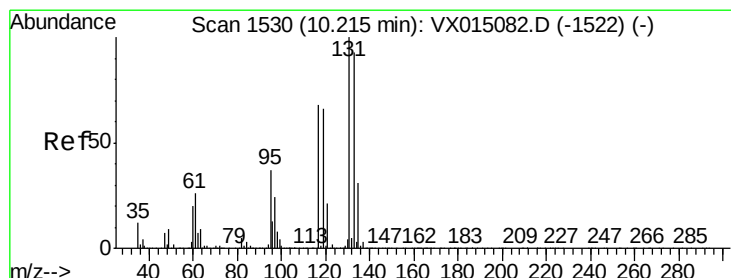
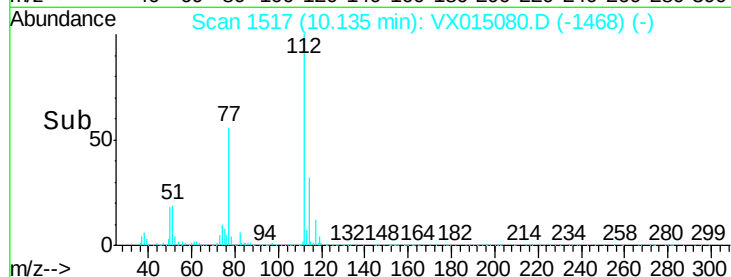
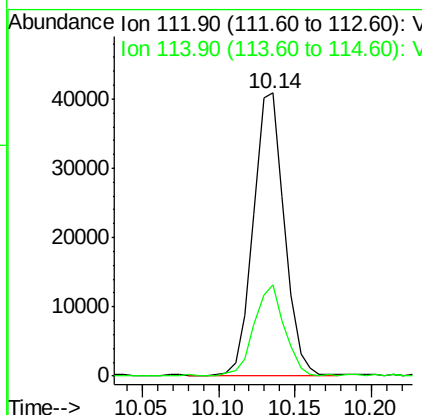
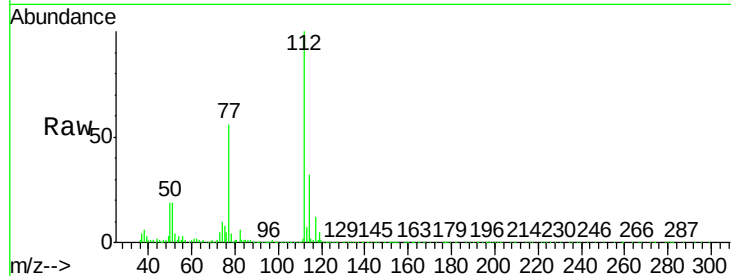
#65
Chlorobenzene
Concen: 5.212 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.5	38.3

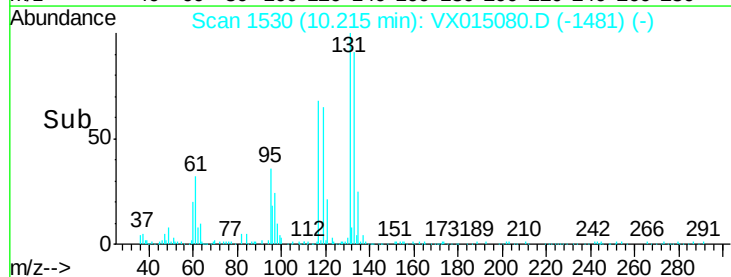
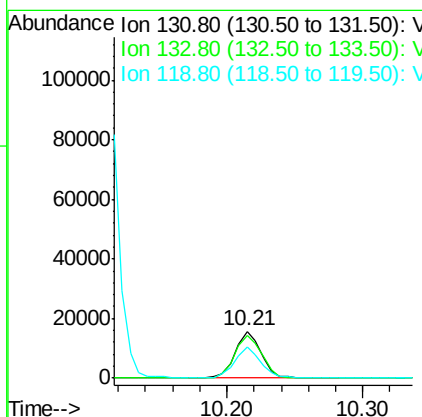
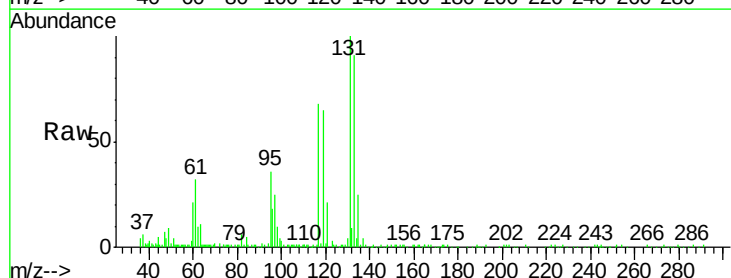
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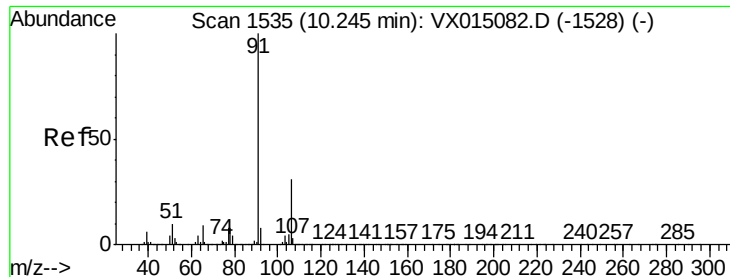
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.996 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.9	47.5	142.5
119	63.8	33.4	100.1





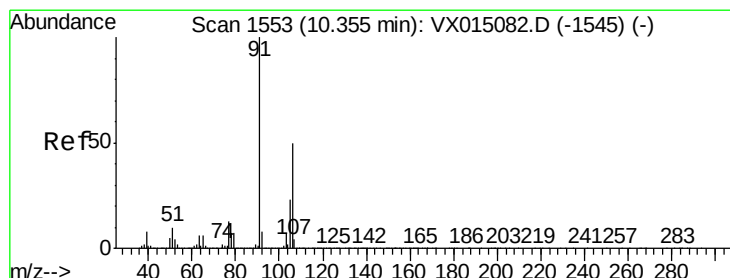
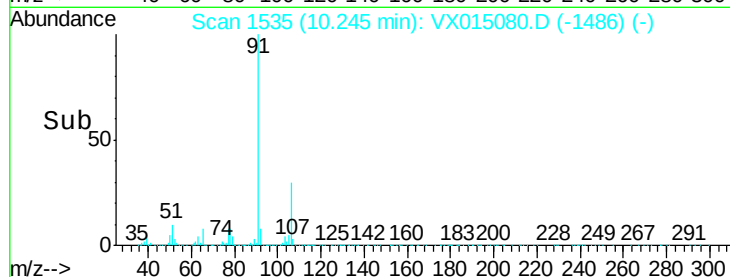
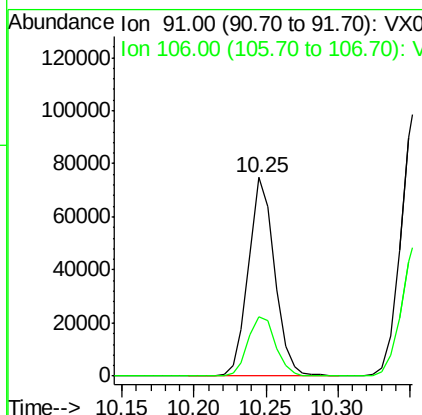
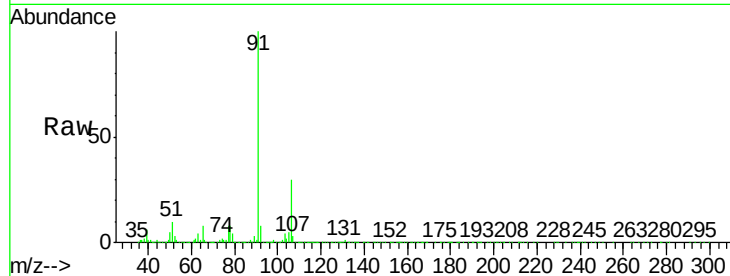
#67
Ethyl Benzene
Concen: 4.949 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.9	37.3

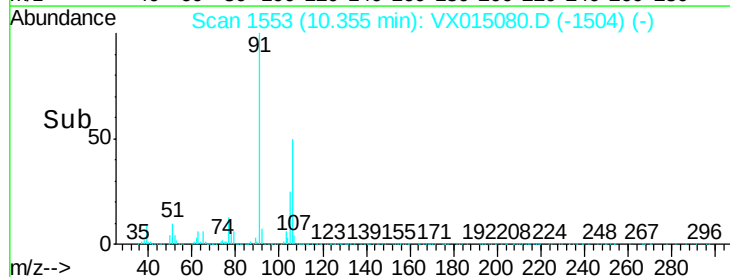
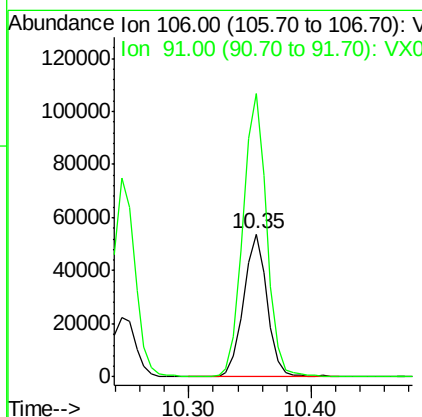
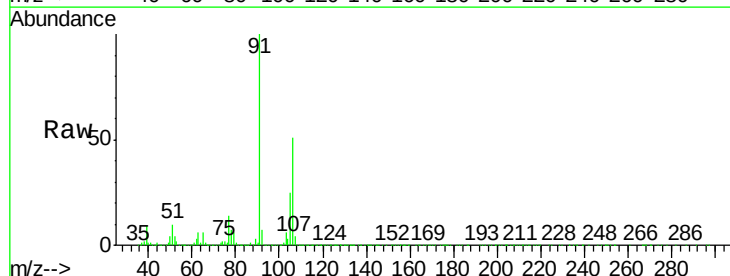
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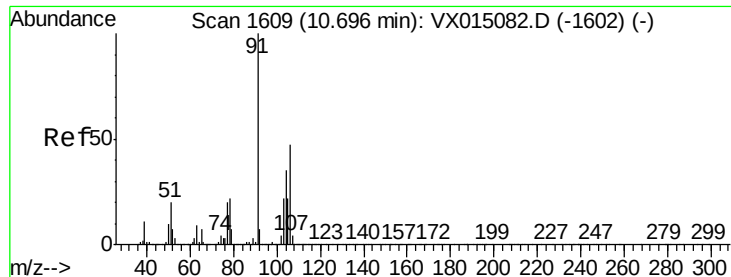
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#68
m/p-Xylenes
Concen: 10.010 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
106	100		
91	197.7	159.4	239.2





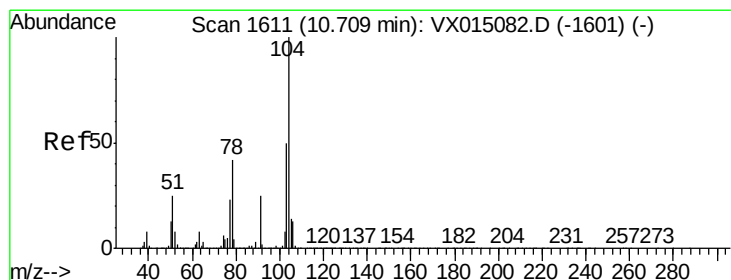
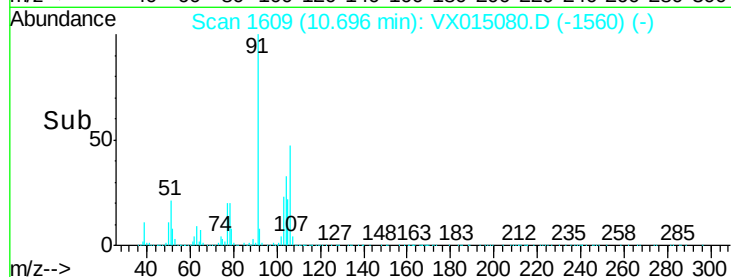
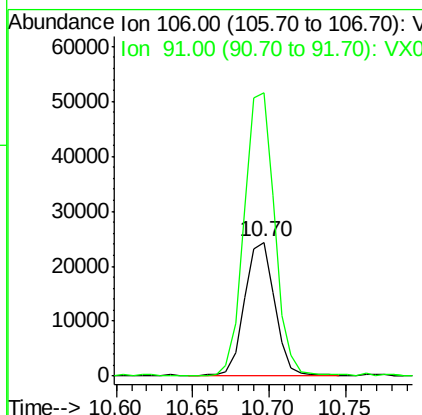
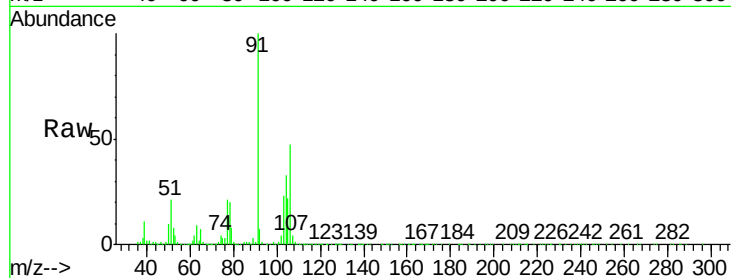
#69
o-Xylene
Concen: 4.791 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 32973
Ion Ratio Lower Upper
106 100
91 214.2 105.4 316.1

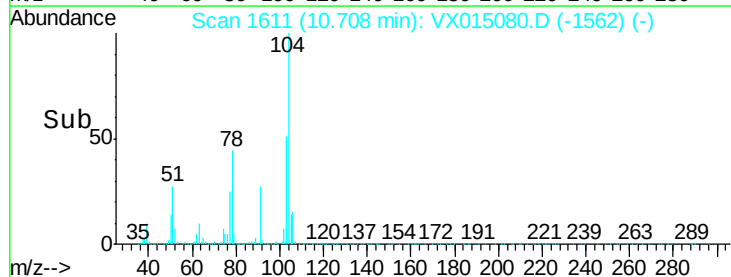
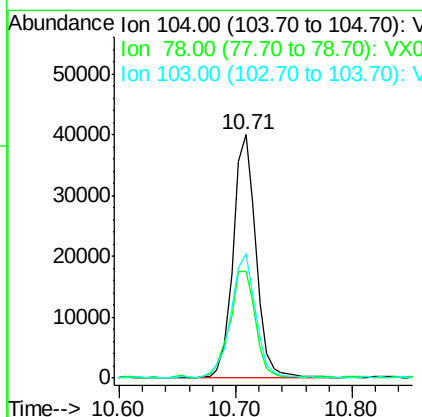
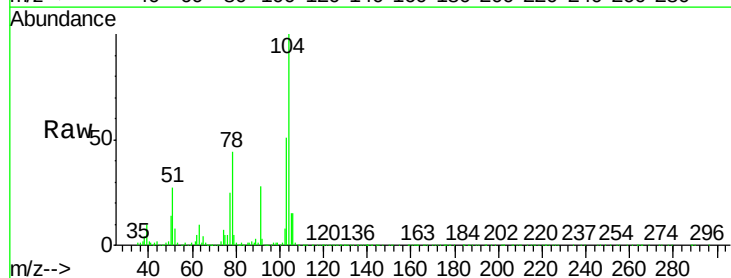
Manual Integrations
APPROVED

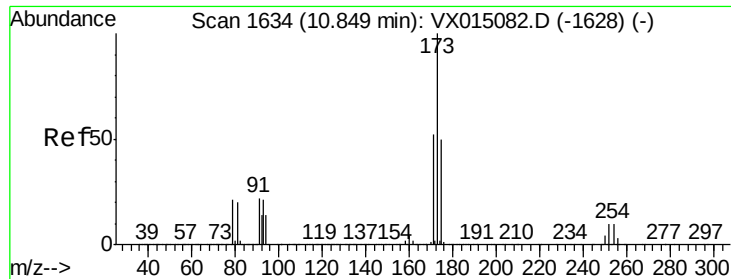
MMDadoda
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#70
Styrene
Concen: 4.675 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion:104 Resp: 55165
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.4
103 54.3 43.7 65.5





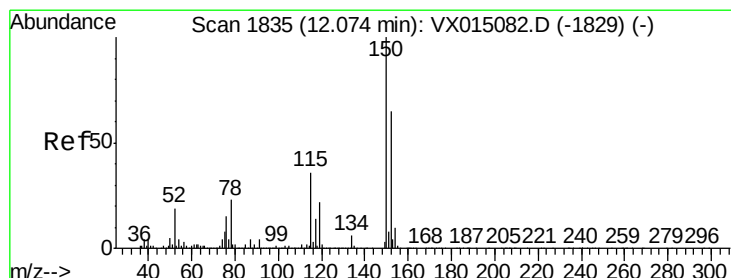
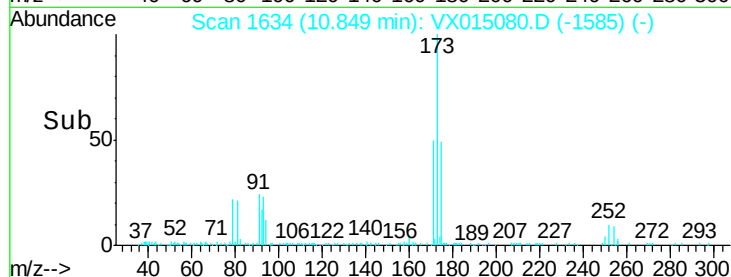
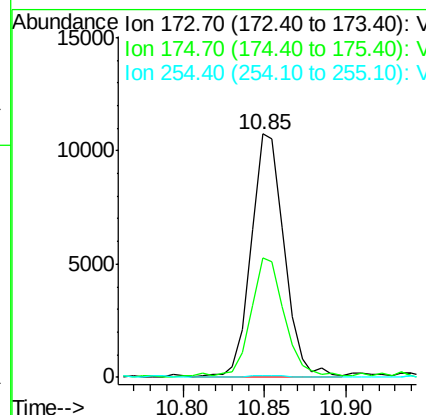
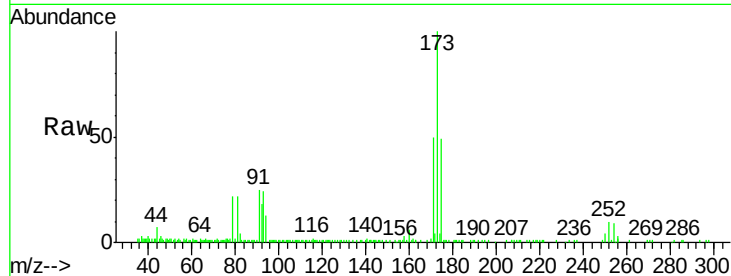
#71
Bromoform
Concen: 4.693 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.5	24.9	74.7
254	0.6	0.2	0.2#

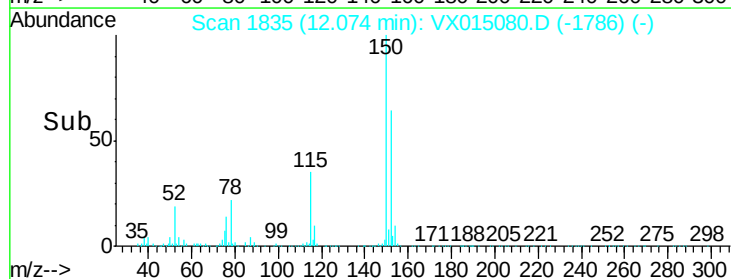
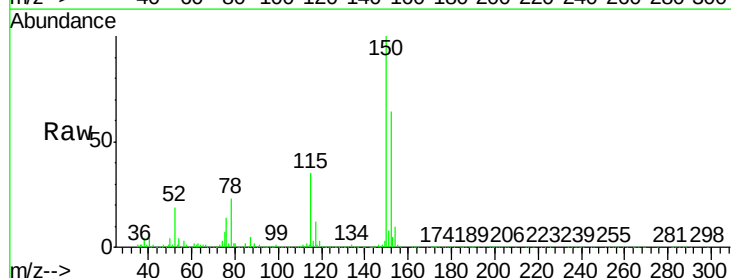
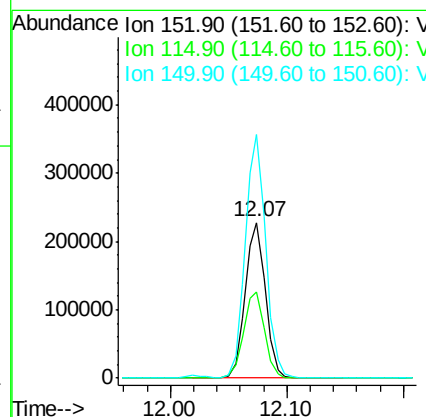
Manual Integrations
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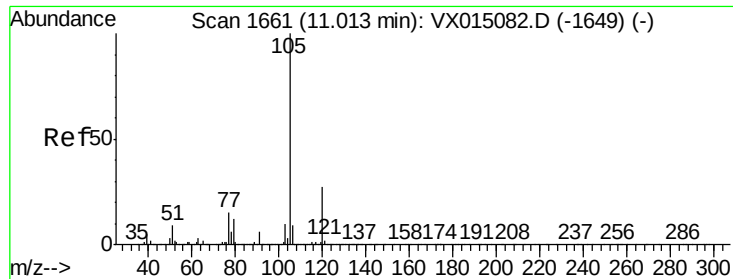
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	38.2	114.6
150	159.0	0.0	343.8





#73

Isopropylbenzene

Concen: 5.045 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 88539

Ion Ratio Lower Upper

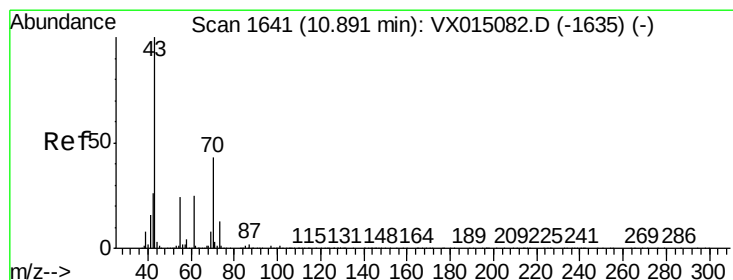
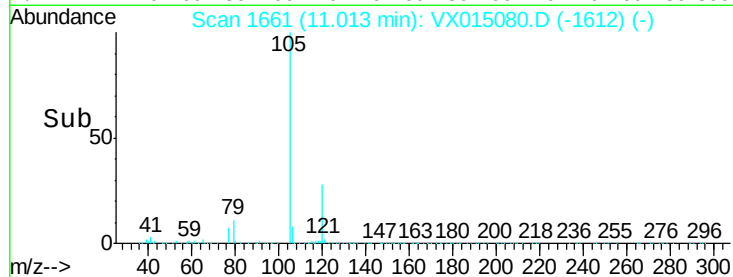
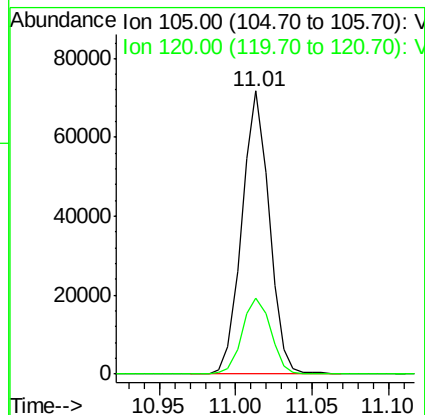
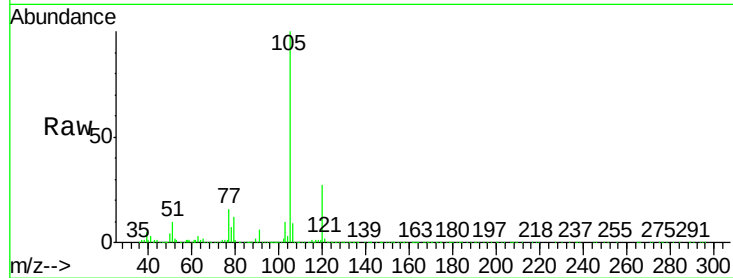
105 100

120 28.7 13.5 40.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 4.414 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Tgt Ion: 43 Resp: 32643

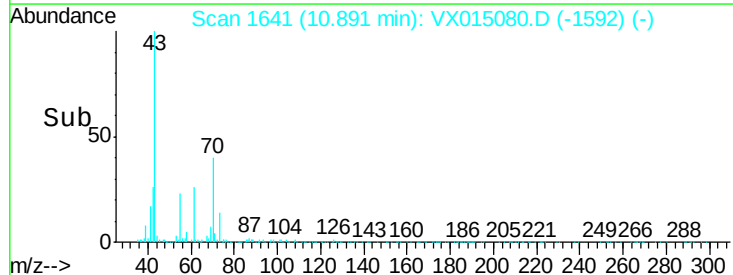
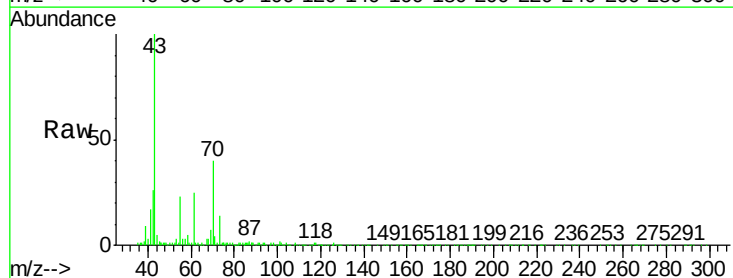
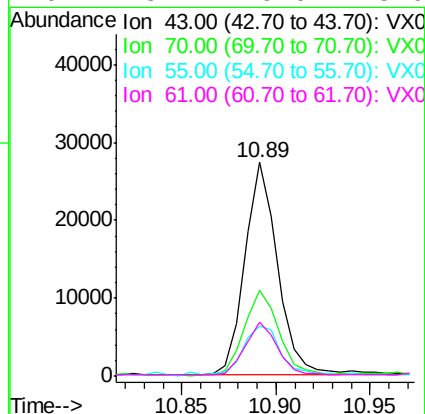
Ion Ratio Lower Upper

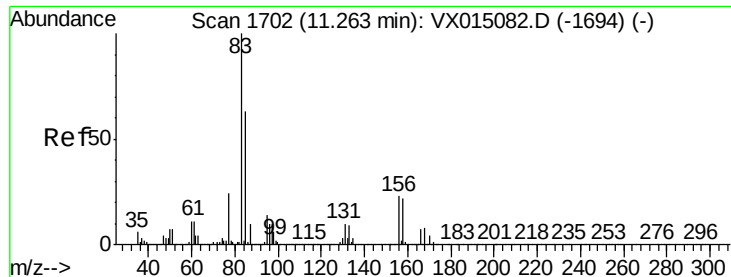
43 100

70 43.2 34.7 52.1

55 29.8 19.4 29.0#

61 25.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.329 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

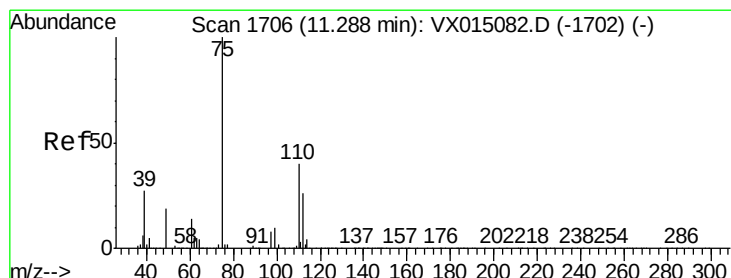
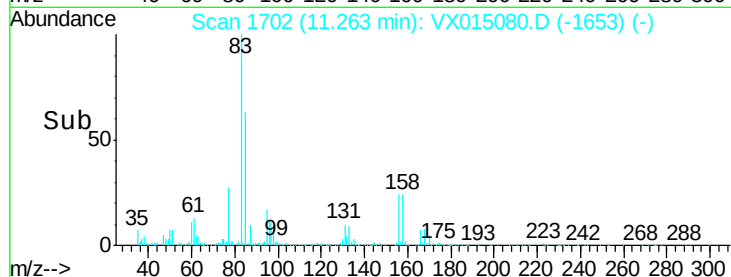
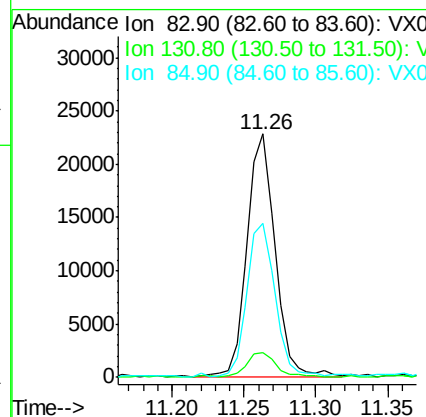
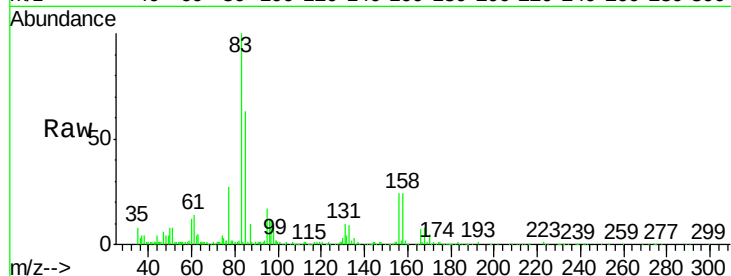
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	31168
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.0	14.9
85	64.4	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 5.323 ug/l m

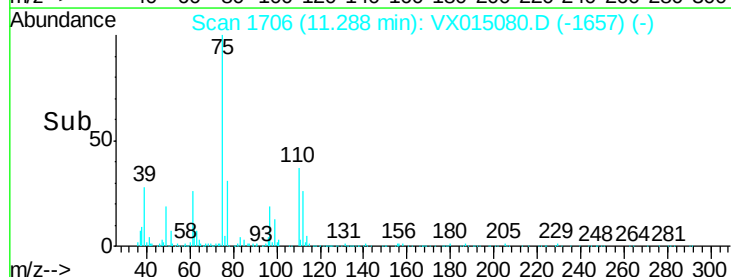
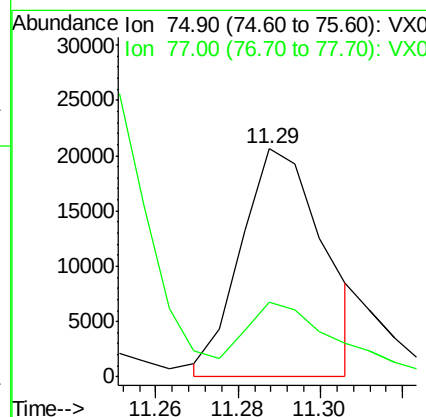
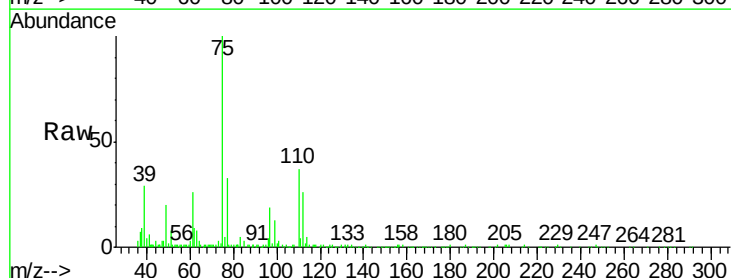
RT: 11.29 min Scan# 1706

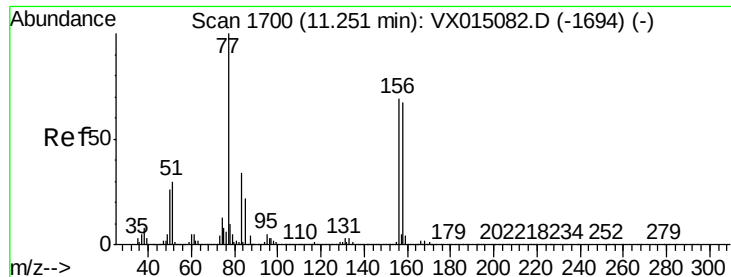
Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Tgt Ion:	75	Resp:	28697
Ion Ratio	Lower	Upper	
75	100		
77	35.2	22.6	67.8





#77

Bromobenzene

Concen: 5.184 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

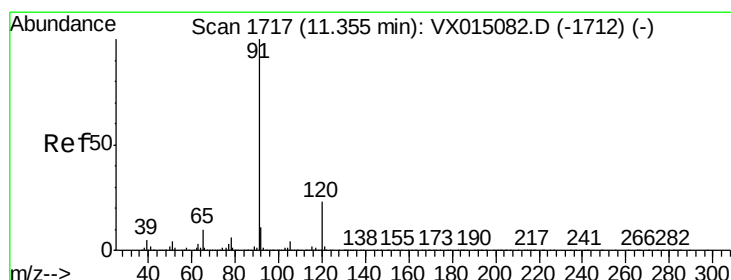
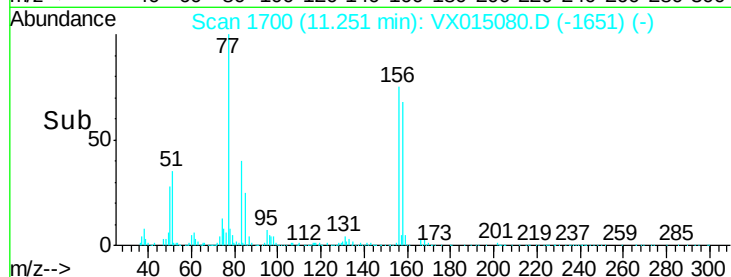
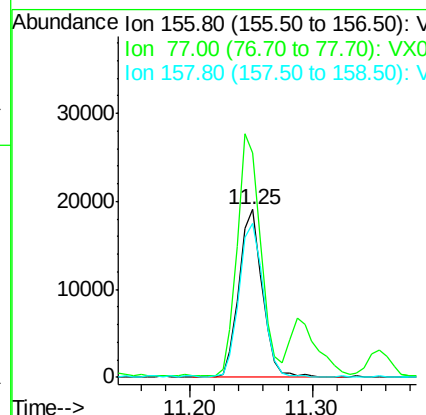
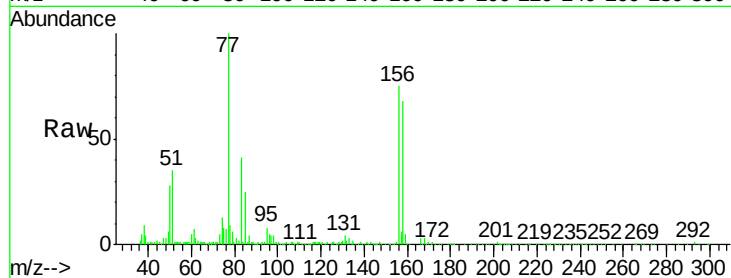
ClientSampleId :

VSTDIC005

Tot Ion:	156	Resp:	25354
Ion	Ratio	Lower	Upper
156	100		
77	143.3	75.3	225.9
158	95.3	48.5	145.6

Manual Integrations
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3/5/2020 12:32:22 PM



#78

n-propylbenzene

Concen: 5.064 ug/l

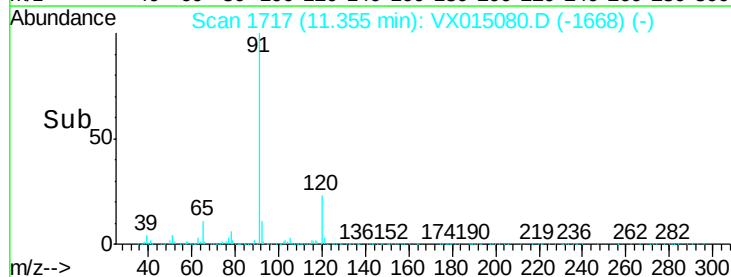
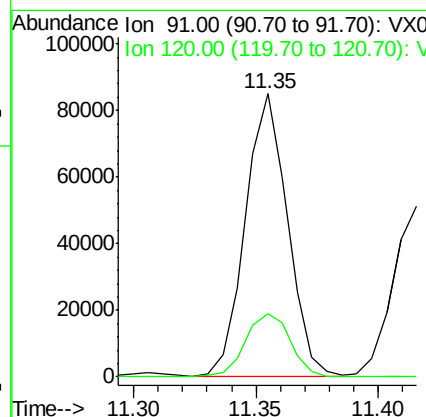
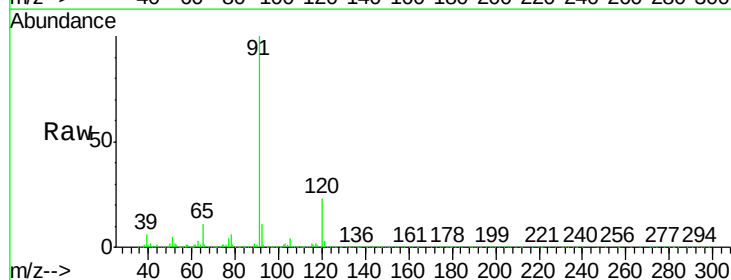
RT: 11.35 min Scan# 1717

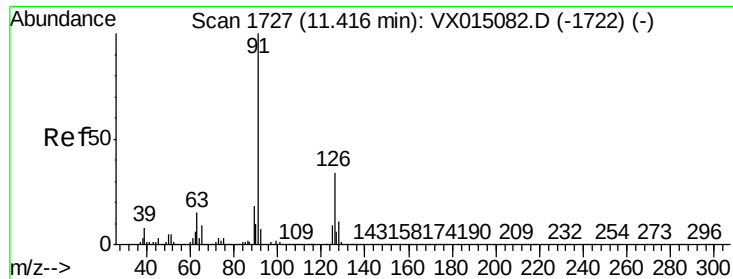
Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Tgt Ion:	91	Resp:	101538
Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.7	35.1





#79

2-Chlorotoluene

Concen: 5.310 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 63583

Ion Ratio Lower Upper

91 100

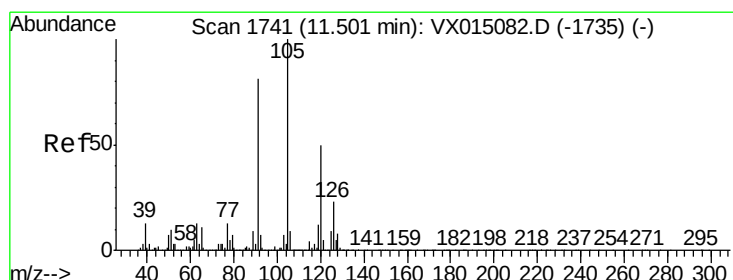
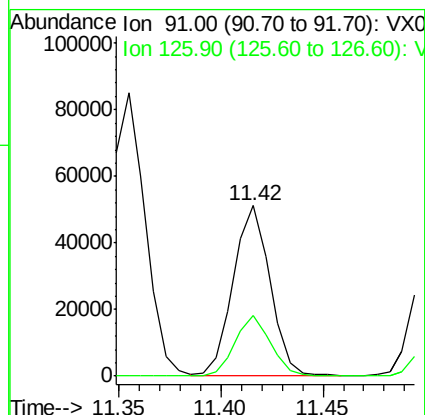
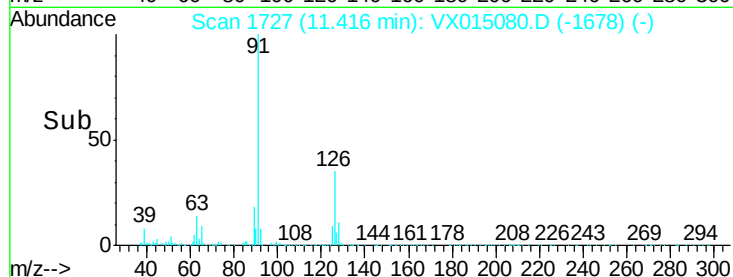
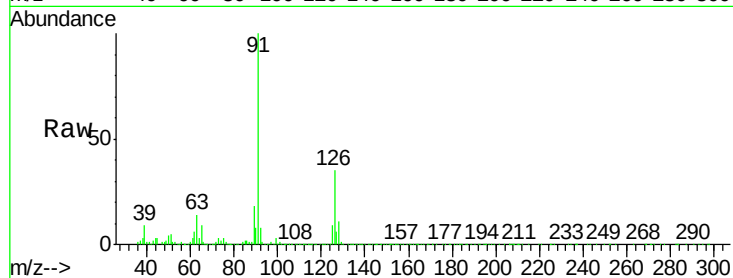
126 34.6 17.3 52.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 4.914 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015080.D

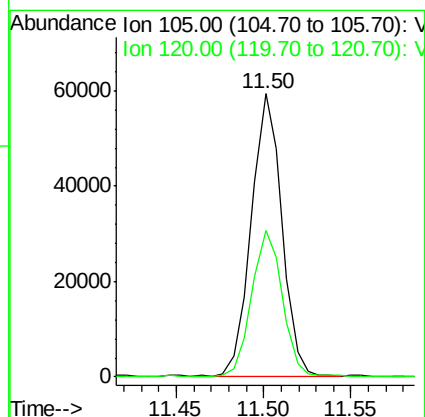
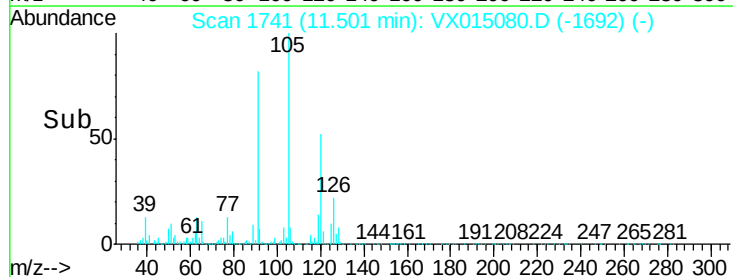
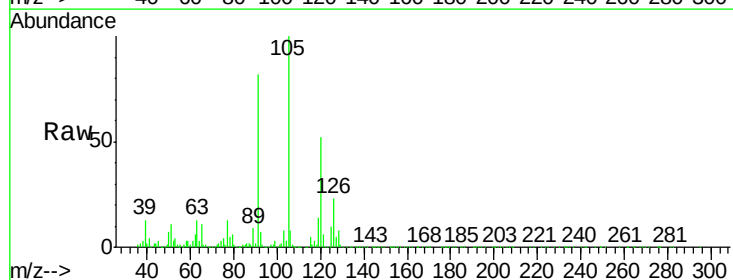
Acq: 04 Mar 2020 09:02

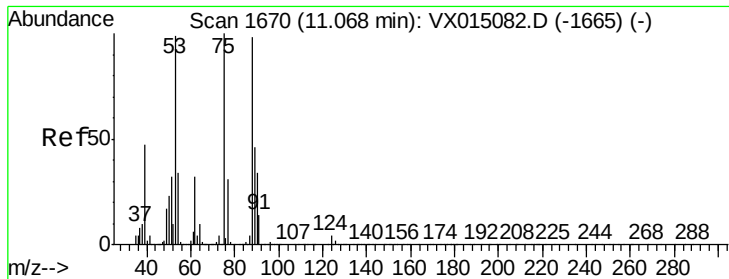
Tgt Ion: 105 Resp: 71787

Ion Ratio Lower Upper

105 100

120 52.3 25.1 75.4





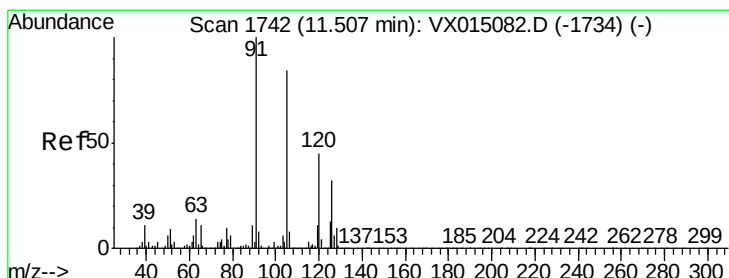
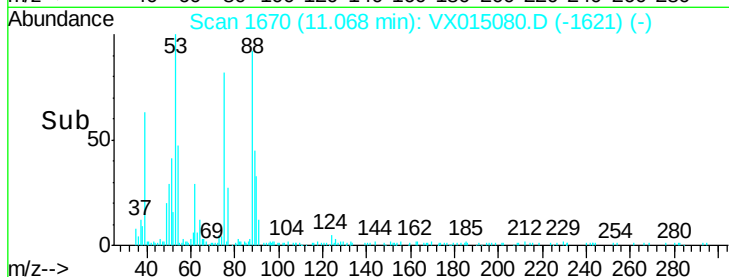
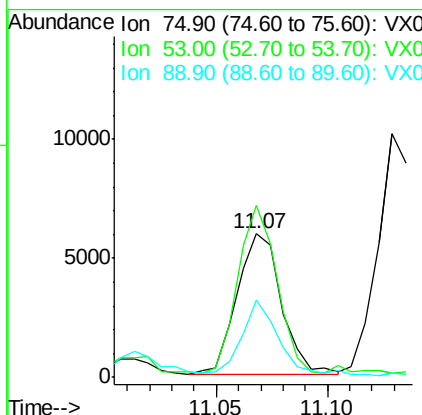
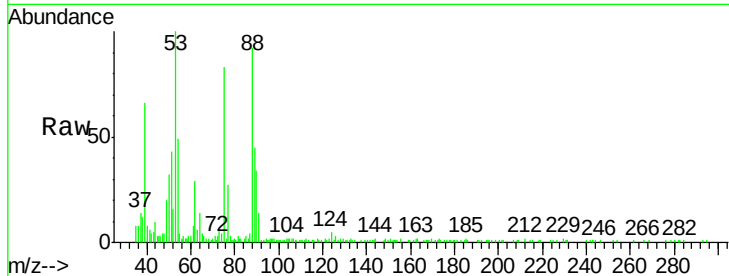
#81
trans-1,4-Dichloro-2-butene
Concen: 4.302 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.5	77.9	116.9
89	43.6	36.2	54.2

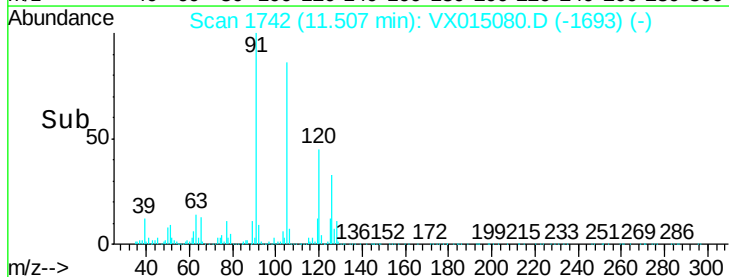
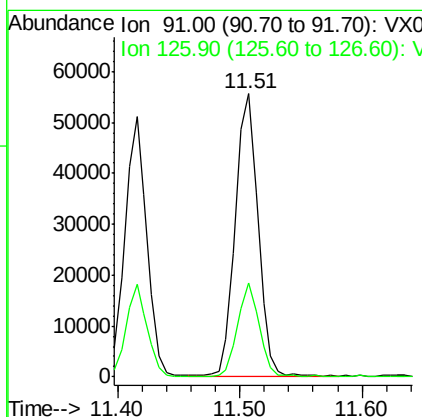
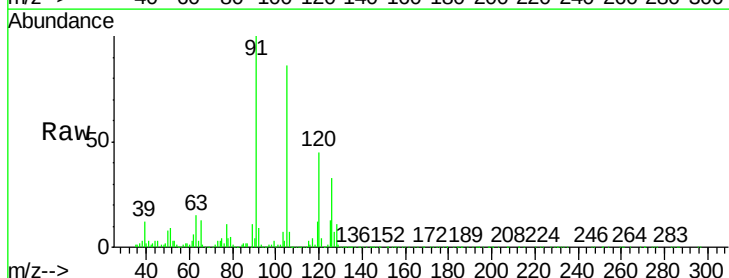
Manual Integrations
APPROVED

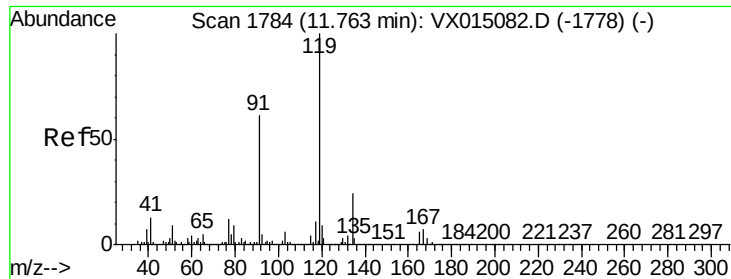
MMDadoda
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#82
4-Chlorotoluene
Concen: 4.987 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.4	46.2





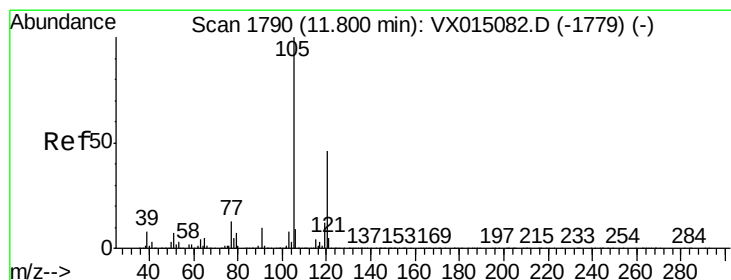
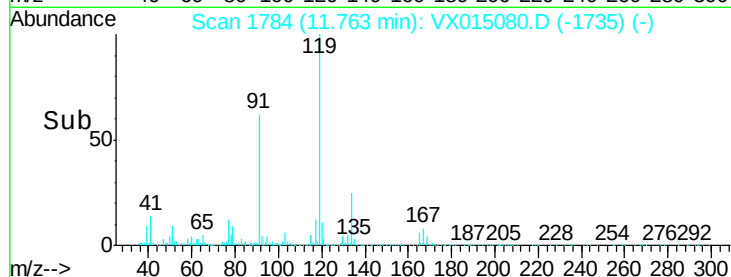
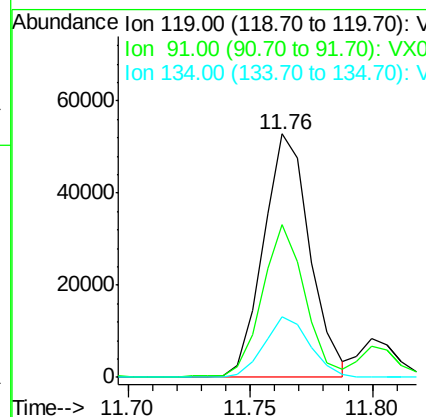
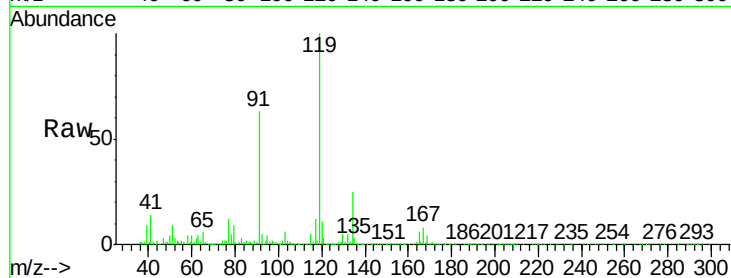
#83
tert-Butylbenzene
Concen: 4.948 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.7	28.5	85.6
134	25.1	11.9	35.7

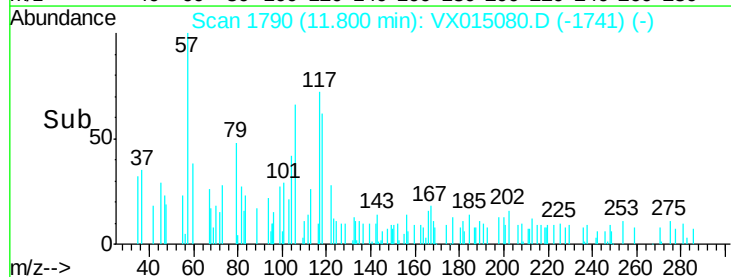
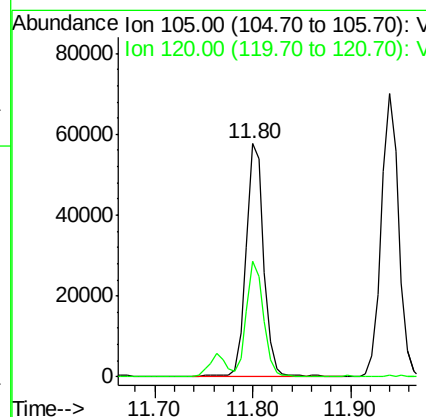
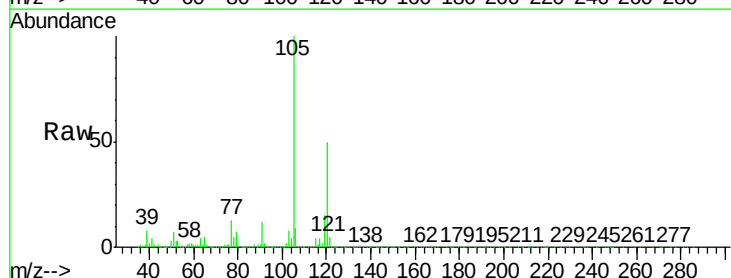
Manual Integrations
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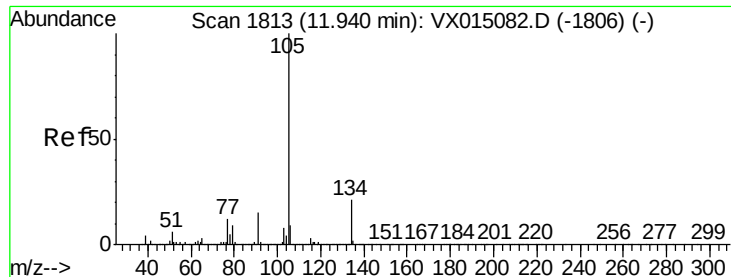
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 4.934 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	22.9	68.5





#85

sec-Butylbenzene

Concen: 4.990 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 85097

Ion Ratio Lower Upper

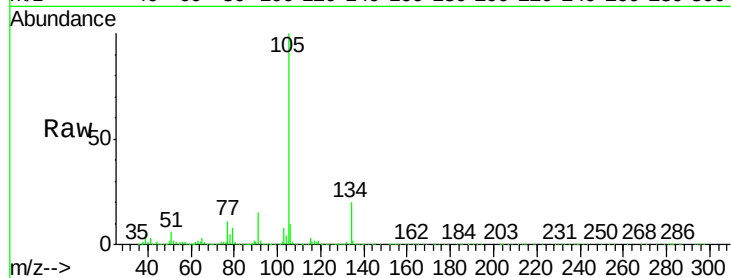
105 100

134 20.3 10.4 31.2

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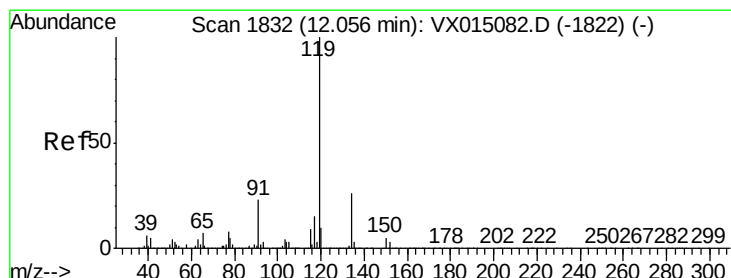
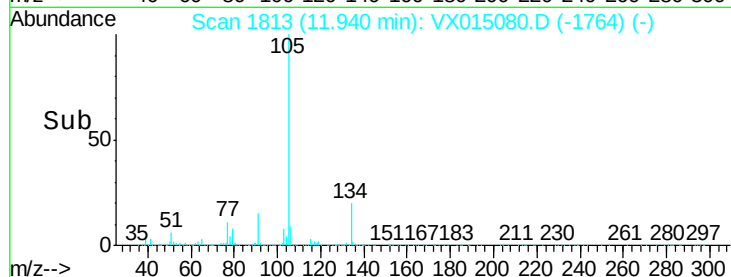
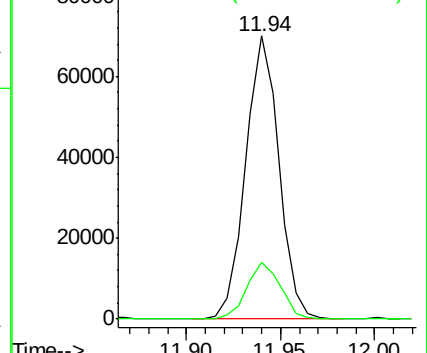
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.818 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

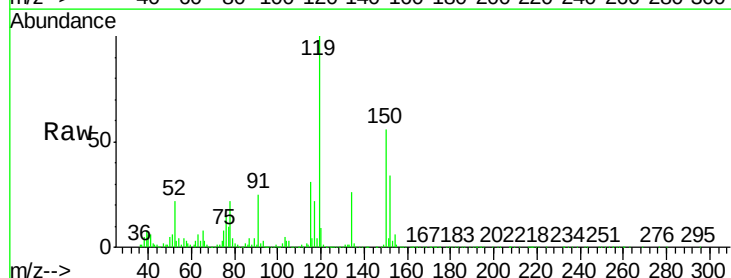
Tgt Ion:119 Resp: 75692

Ion Ratio Lower Upper

119 100

134 28.0 13.4 40.1

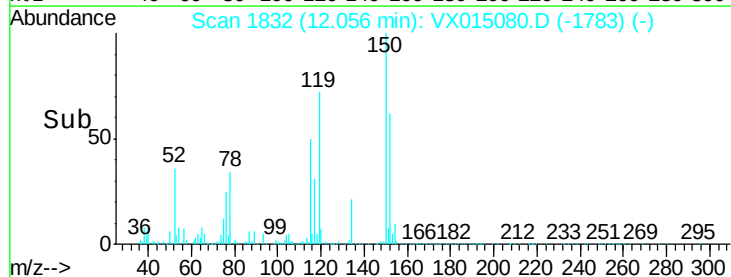
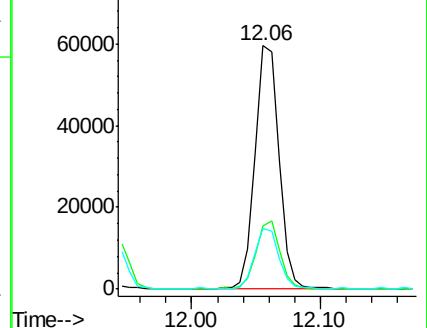
91 25.1 11.3 33.8

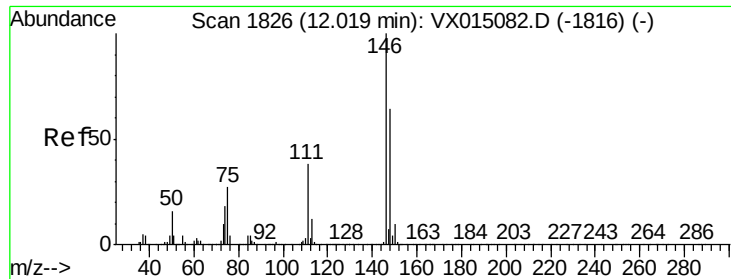


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 5.095 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015080.D

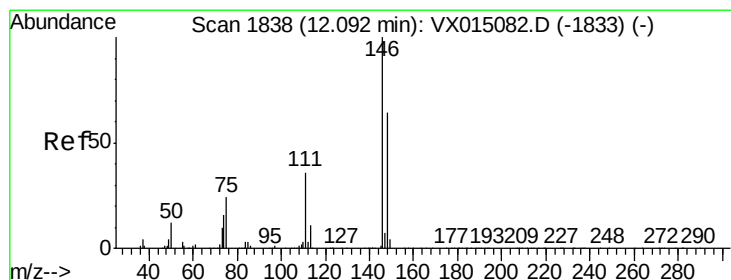
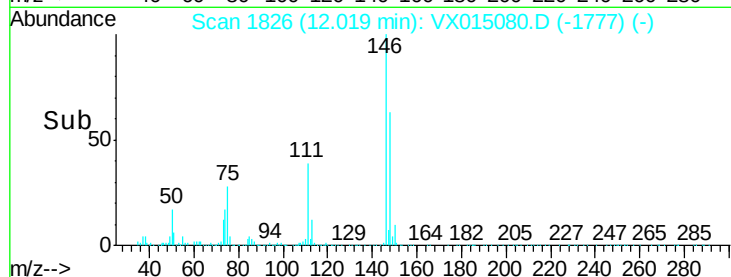
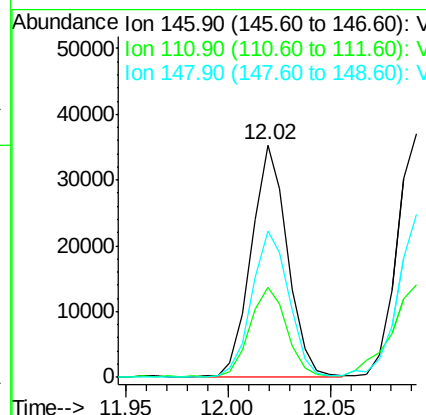
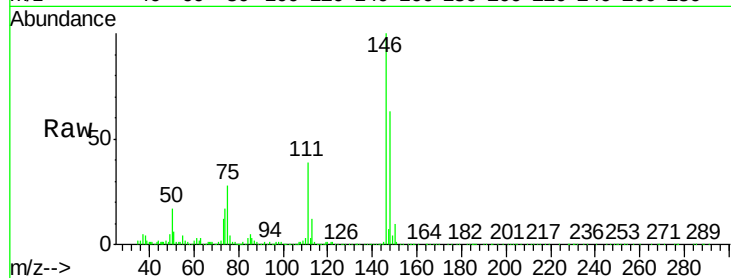
Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.1
148	64.4	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 5.254 ug/l

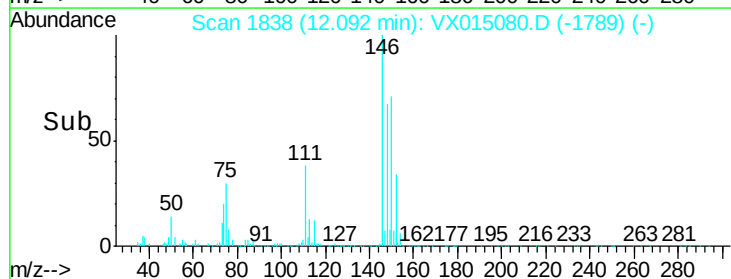
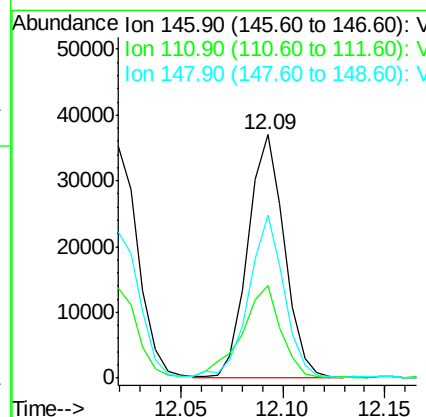
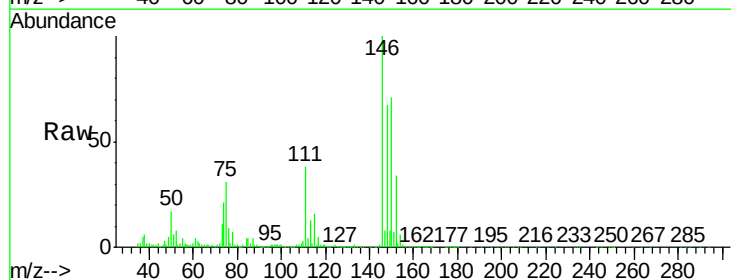
RT: 12.09 min Scan# 1838

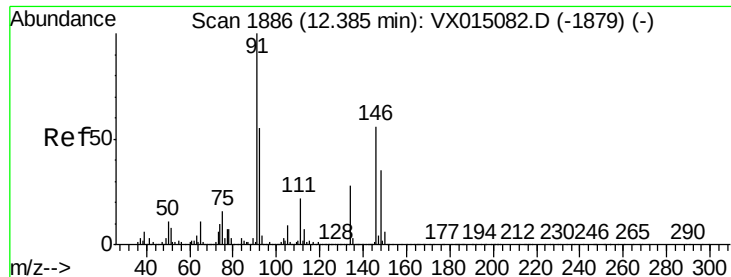
Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	18.7	56.1
148	65.1	32.5	97.4





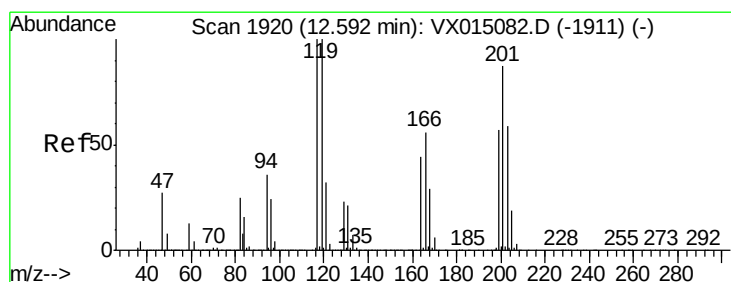
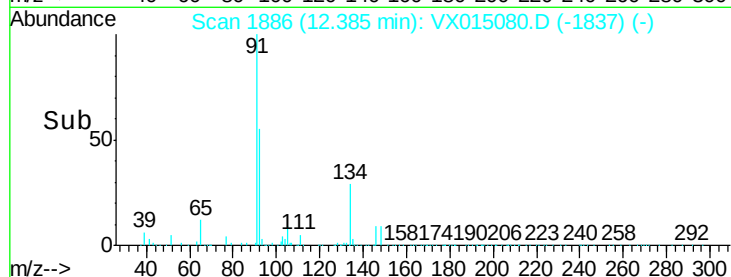
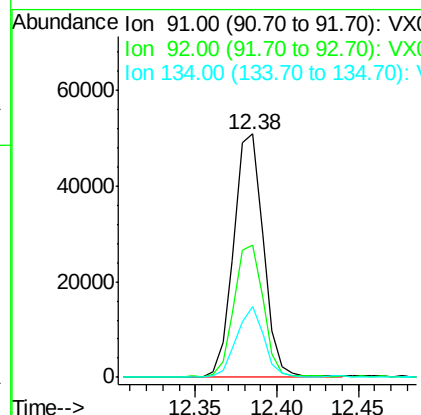
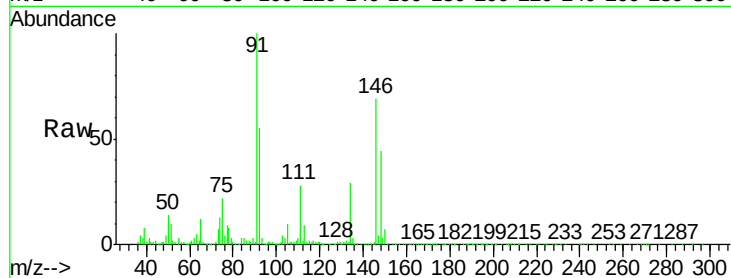
#89
n-Butylbenzene
Concen: 4.577 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.2	81.6
134	27.2	13.5	40.5

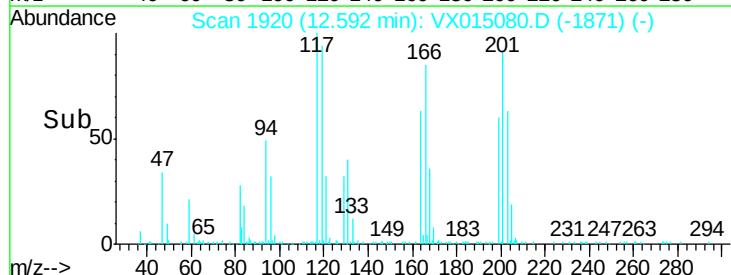
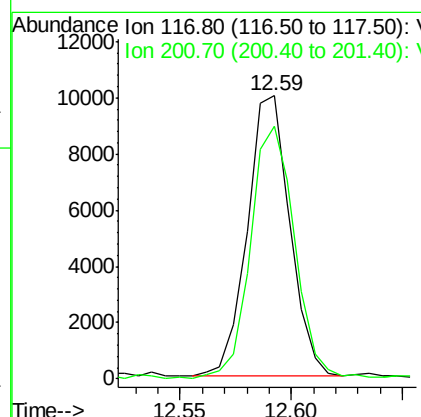
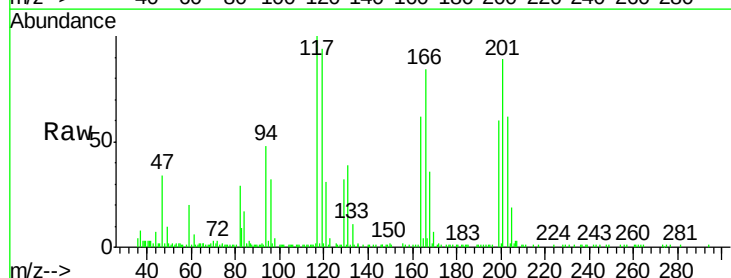
Manual Integrations
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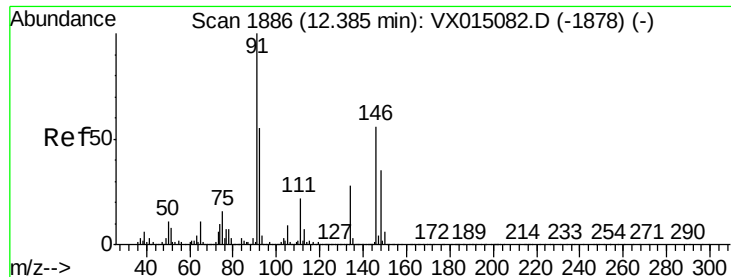
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#90
Hexachloroethane
Concen: 4.501 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.2	43.5	130.7





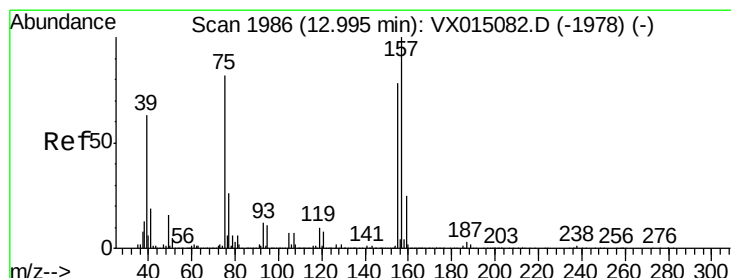
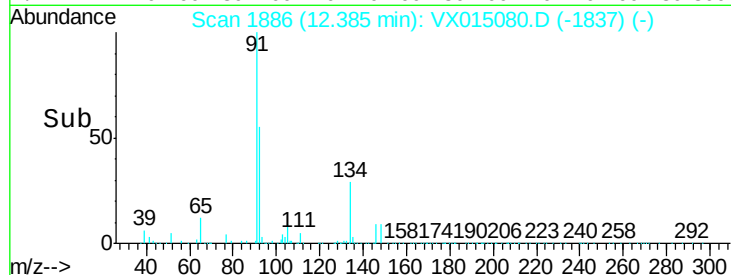
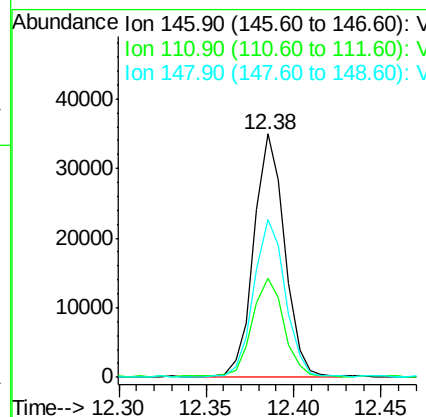
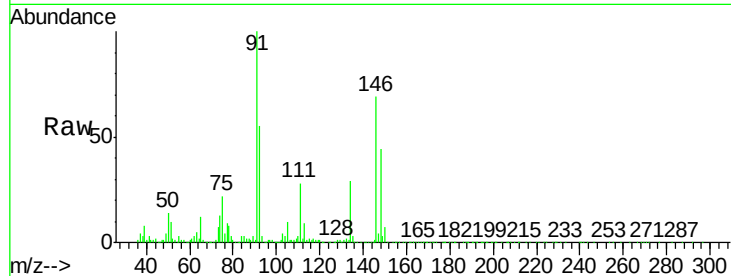
#91
 1,2-Dichlorobenzene
 Concen: 4.980 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015080.D
 Acq: 04 Mar 2020 09:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	19.9	59.7
148	67.8	32.3	96.8

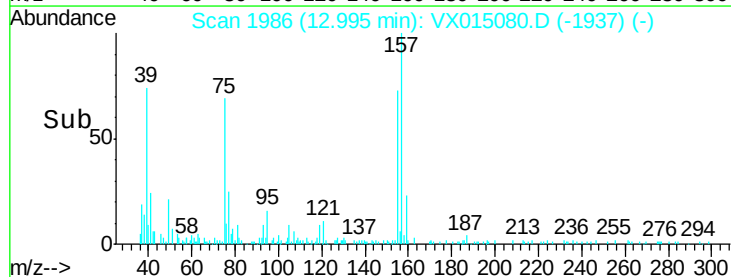
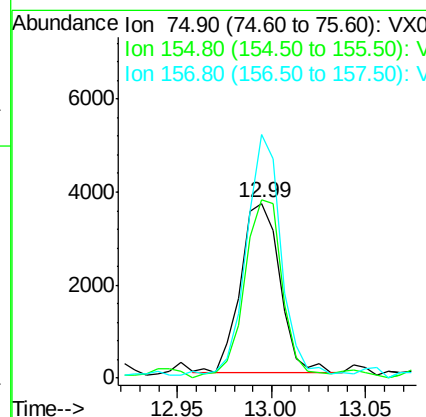
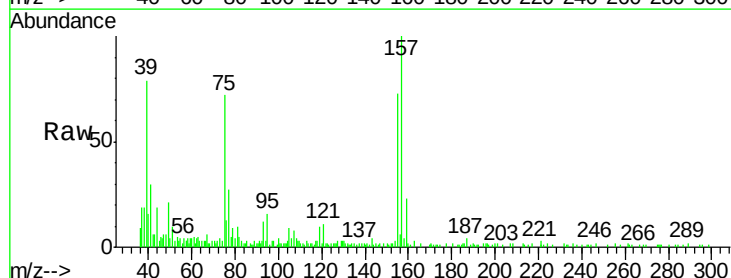
Manual Integrations
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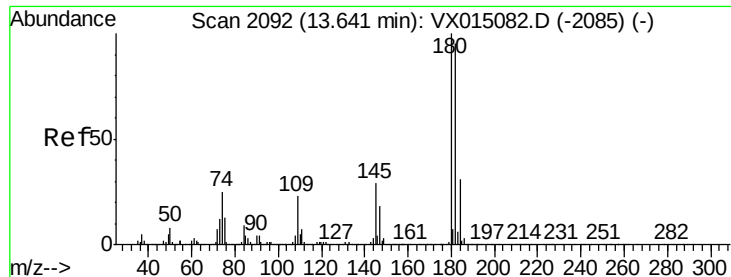
MMDadoda
 3/5/2020 12:32:22 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.491 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015080.D
 Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.4	46.6	139.7
157	125.2	59.2	177.5





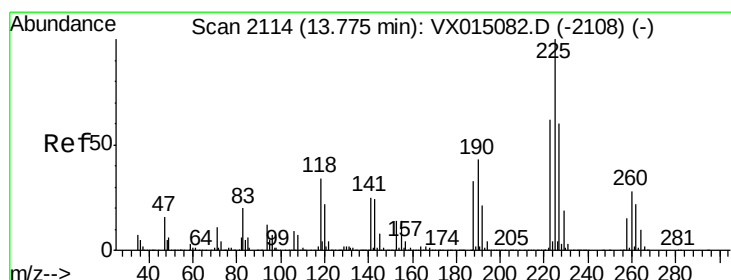
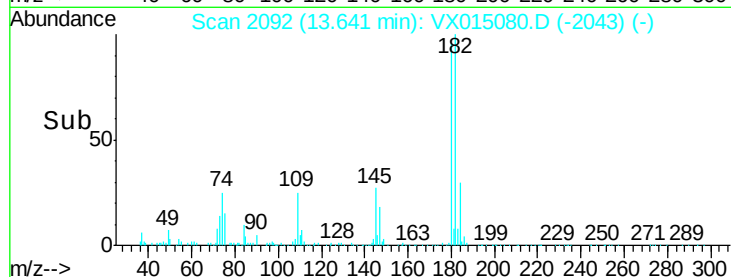
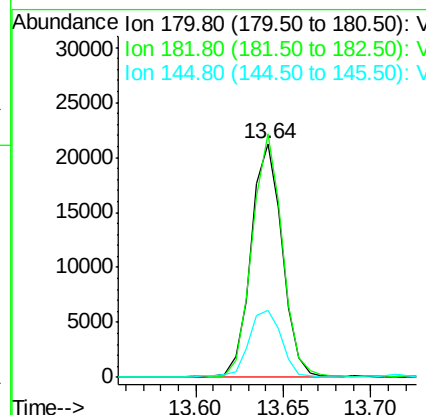
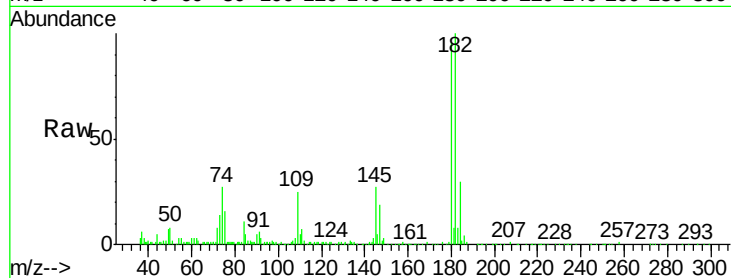
#93
1,2,4-Trichlorobenzene
Concen: 4.470 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	101.6	47.6	142.8
145	30.8	14.1	42.2

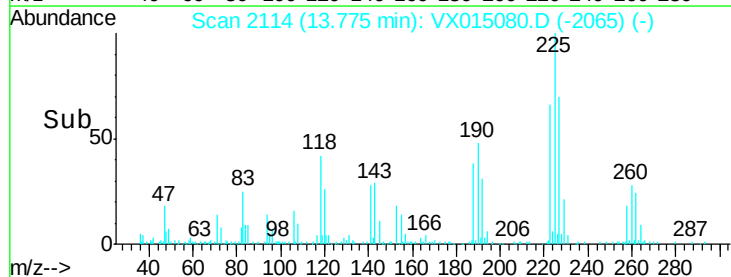
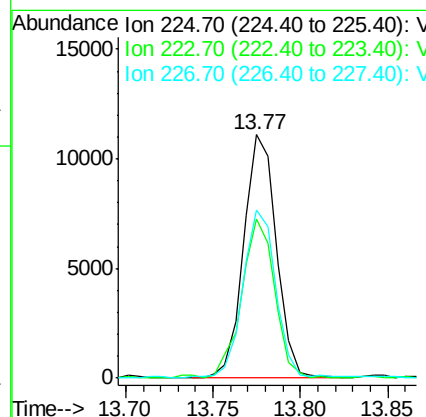
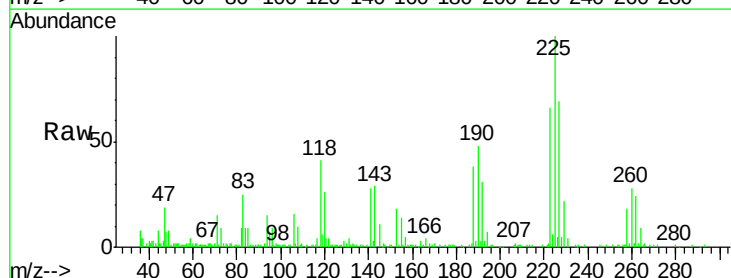
Manual Integrations
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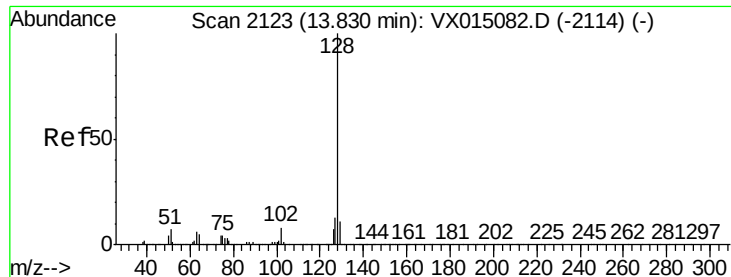
MMDadoda
3/5/2020 12:32:22 PM



#94
Hexachlorobutadiene
Concen: 4.745 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX015080.D
Acq: 04 Mar 2020 09:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	31.3	93.9
227	70.0	31.1	93.2





#95

Naphthalene

Concen: 4.348 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Instrument :

MSVOA_X

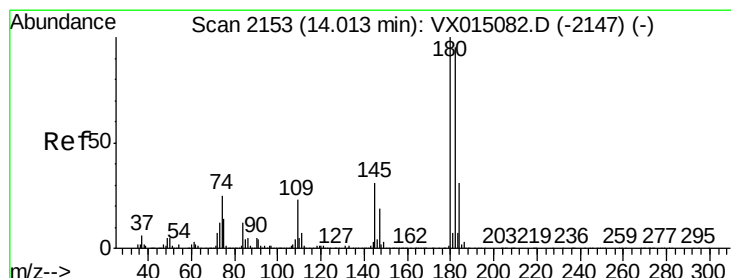
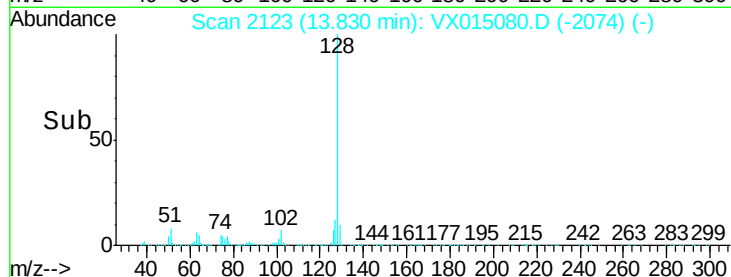
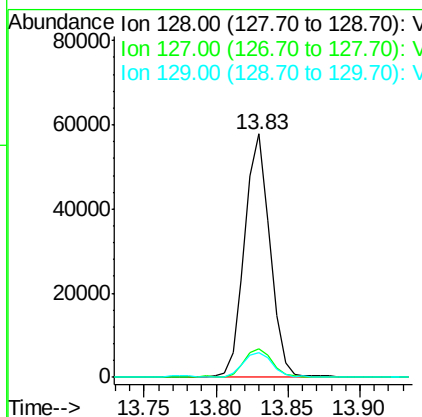
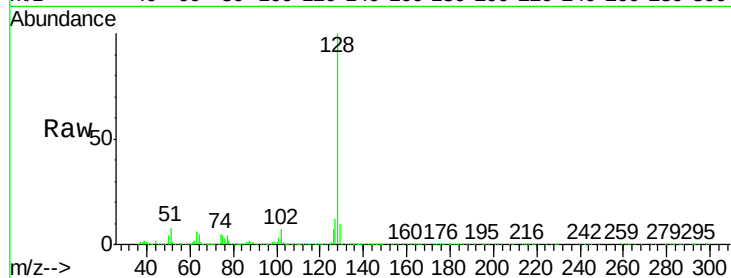
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	70519
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.3	15.5
129	12.3	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/5/2020 12:32:22 PM



#96

1,2,3-Trichlorobenzene

Concen: 4.782 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX015080.D

Acq: 04 Mar 2020 09:02

Tgt Ion:	180	Resp:	28309
Ion Ratio	Lower	Upper	
180	100		
182	92.9	47.8	143.4
145	30.0	15.1	45.3

