

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031820\
 Data File : VX015331.D
 Acq On : 18 Mar 2020 18:11
 Operator : JC/SP
 Sample : VX0318WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/19/2020 12:01:05 PM

Quant Time: Mar 19 03:43:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 14:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	573414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1083381	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	971969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	465082	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	324967	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	
35) Dibromofluoromethane	5.49	113	323899	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	
50) Toluene-d8	8.71	98	1278934	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.14	95	458701	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	115422	18.302	ug/l	100
3) Chloromethane	1.32	50	138635	20.090	ug/l	98
4) Vinyl Chloride	1.40	62	136554	19.521	ug/l	100
5) Bromomethane	1.64	94	101314	45.982	ug/l	98
6) Chloroethane	1.72	64	83917	19.413	ug/l	95
7) Trichlorofluoromethane	1.93	101	177183	18.907	ug/l	98
8) Diethyl Ether	2.18	74	73824	19.012	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	131475	20.726	ug/l	91
10) Methyl Iodide	2.50	142	115218	18.149	ug/l	96
11) Tert butyl alcohol	3.03	59	138664	100.822	ug/l	97
12) 1,1-Dichloroethene	2.37	96	137943	19.044	ug/l	97
13) Acrolein	2.28	56	123153	99.325	ug/l	98
14) Allyl chloride	2.72	41	209765	19.477	ug/l	97
15) Acrylonitrile	3.13	53	353907	97.768	ug/l	99
16) Acetone	2.43	43	259347	96.214	ug/l	96
17) Carbon Disulfide	2.56	76	366598	18.876	ug/l	98
18) Methyl Acetate	2.76	43	142594	19.056	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	404362	19.252	ug/l	100
20) Methylene Chloride	2.85	84	153267	19.510	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	148601	18.639	ug/l	98
22) Diisopropyl ether	3.84	45	430474	19.799	ug/l	97
23) Vinyl Acetate	3.81	43	1720043	99.191	ug/l	99
24) 1,1-Dichloroethane	3.69	63	241997	18.233	ug/l	99
25) 2-Butanone	4.66	43	449447	99.407	ug/l	98
26) 2,2-Dichloropropane	4.58	77	182525	17.696	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	166293	19.232	ug/l	98
28) Bromochloromethane	5.01	49	105721	19.509	ug/l	98
29) Tetrahydrofuran	5.11	42	291855	98.997	ug/l	99
30) Chloroform	5.20	83	246809	18.433	ug/l	96
31) Cyclohexane	5.57	56	212306	19.592	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	200663	18.164	ug/l	98
36) 1,1-Dichloropropene	5.79	75	177073	17.229	ug/l	100
37) Ethyl Acetate	4.82	43	173615	18.611	ug/l	99
38) Carbon Tetrachloride	5.78	117	165803	16.981	ug/l	95

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
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Manual Integrations
 APPROVED

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 3/19/2020 12:01:05 PM

Quant Time: Mar 19 03:43:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 14:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	223723	18.027	ug/l	97
40) Benzene	6.14	78	549952	17.613	ug/l	97
41) Methacrylonitrile	5.03	41	98469	19.720	ug/l	96
42) 1,2-Dichloroethane	6.19	62	169791	18.036	ug/l	99
43) Isopropyl Acetate	6.44	43	266671	18.840	ug/l	100
44) Trichloroethene	7.21	130	159434	18.605	ug/l	91
45) 1,2-Dichloropropane	7.51	63	143416	19.456	ug/l	99
46) Dibromomethane	7.65	93	97891	18.980	ug/l	100
47) Bromodichloromethane	7.89	83	183243	18.919	ug/l	97
48) Methyl methacrylate	7.76	41	133762	19.747	ug/l	99
49) 1,4-Dioxane	7.73	88	72698	390.606	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	876577	100.331	ug/l	99
52) Toluene	8.78	92	369964	19.293	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	200180	19.316	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	222696	18.923	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	146122	17.972	ug/l	97
56) Ethyl methacrylate	9.17	69	204086	19.271	ug/l	99
57) 1,3-Dichloropropane	9.37	76	240730	18.054	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	528612	119.889	ug/l	99
59) 2-Hexanone	9.48	43	641899	98.849	ug/l	97
60) Dibromochloromethane	9.57	129	146011	18.444	ug/l	98
61) 1,2-Dibromoethane	9.67	107	154418	18.646	ug/l	99
64) Tetrachloroethene	9.33	164	136921	19.367	ug/l	91
65) Chlorobenzene	10.14	112	393371	19.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	135606	18.328	ug/l	99
67) Ethyl Benzene	10.25	91	683823	19.601	ug/l	98
68) m/p-Xylenes	10.36	106	538972	40.521	ug/l	100
69) o-Xylene	10.70	106	257451	20.127	ug/l	99
70) Styrene	10.71	104	440180	20.644	ug/l	99
71) Bromoform	10.85	173	91898	19.002	ug/l	94
73) Isopropylbenzene	11.01	105	678156	19.367	ug/l	99
74) N-amyl acetate	10.89	43	233701	19.525	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	210096	19.378	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	171745m	18.071	ug/l	
77) Bromobenzene	11.25	156	162243	19.946	ug/l	98
78) n-propylbenzene	11.35	91	773225	19.802	ug/l	99
79) 2-Chlorotoluene	11.42	91	462861	19.746	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	559072	20.030	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	64529	18.202	ug/l	97
82) 4-Chlorotoluene	11.51	91	532990	20.011	ug/l	99
83) tert-Butylbenzene	11.76	119	536311	19.514	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	573133	19.832	ug/l	99
85) sec-Butylbenzene	11.94	105	656333	19.700	ug/l	98
86) p-Isopropyltoluene	12.06	119	592606	19.992	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	303834	19.648	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	304455	18.903	ug/l	99
89) n-Butylbenzene	12.39	91	493613	17.635	ug/l	99
90) Hexachloroethane	12.59	117	93836	16.408	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	266571	17.186	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39126	18.346	ug/l	96

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

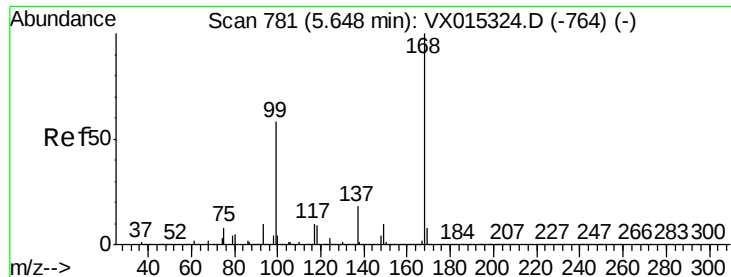
Manual Integrations
APPROVED

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3/19/2020 12:01:05 PM

Quant Time: Mar 19 03:43:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 14:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	179067	19.271	ug/l	100
94) Hexachlorobutadiene	13.78	225	71926	18.410	ug/l	95
95) Naphthalene	13.83	128	640354	20.818	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	176511	19.406	ug/l	98

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



#1

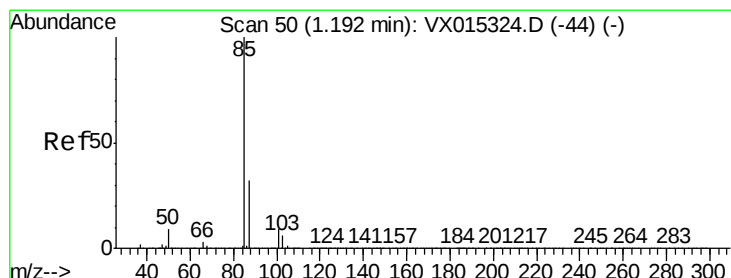
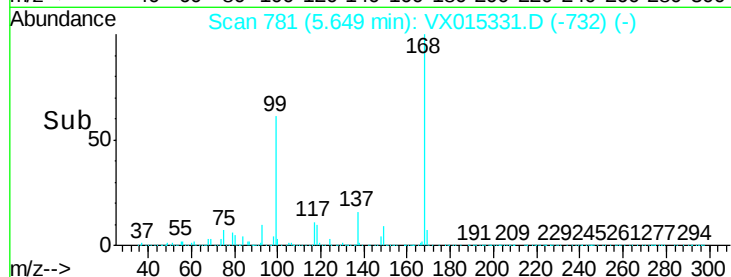
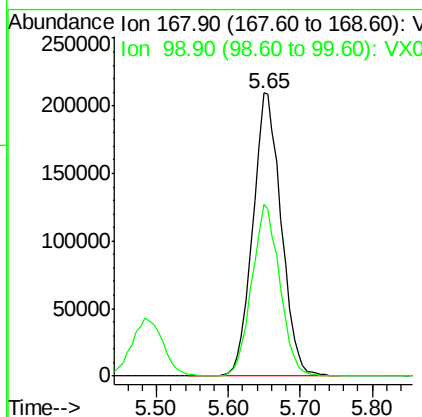
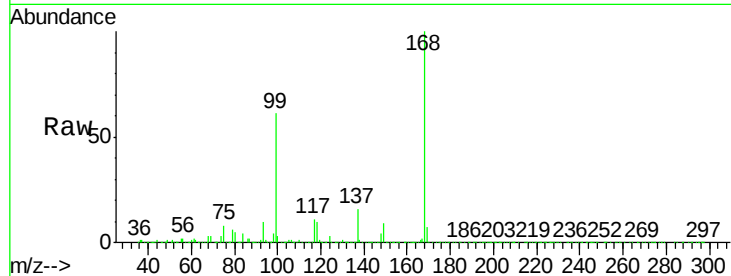
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	60.5	47.0	70.6

Manual Integrations
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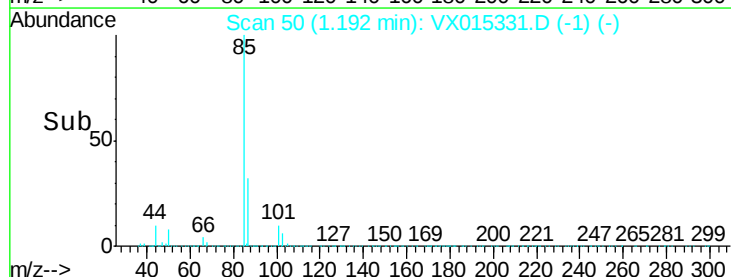
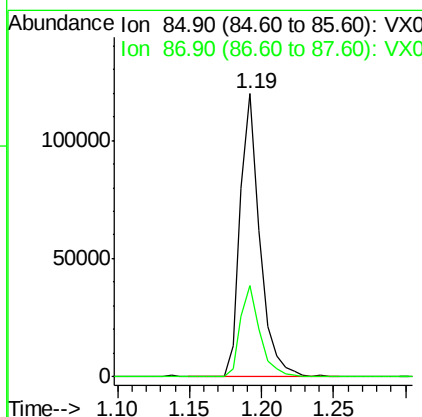
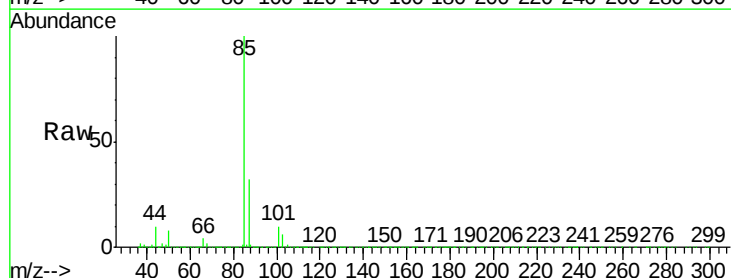
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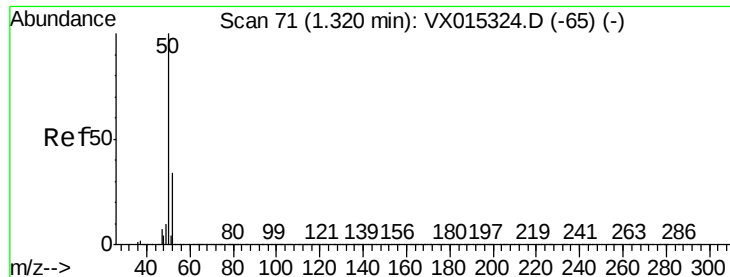


#2

Dichlorodifluoromethane
 Concen: 18.302 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.2	48.5





#3

Chloromethane

Concen: 20.090 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

Tot Ion: 50 Resp: 138635

Ion Ratio Lower Upper

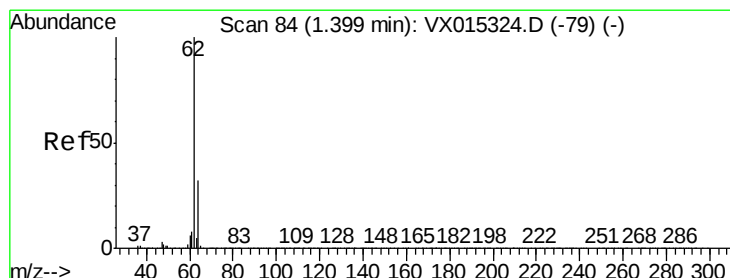
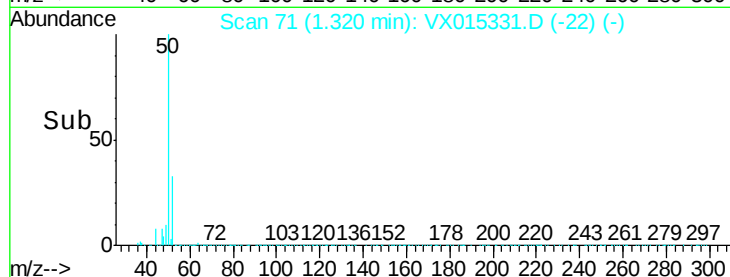
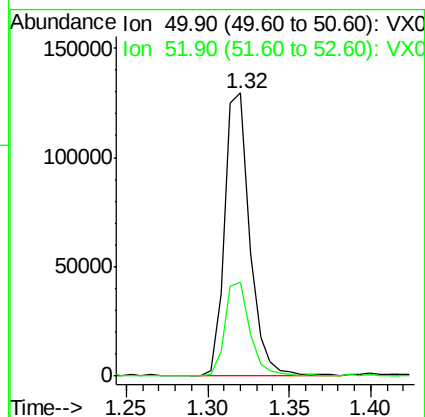
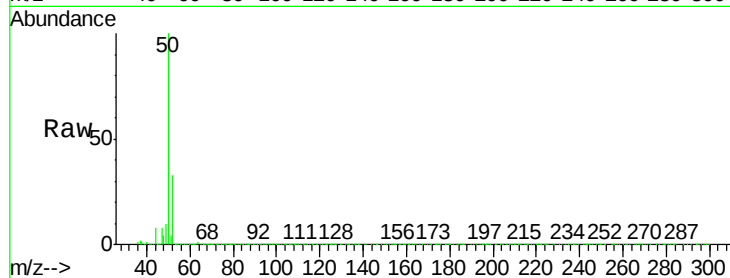
50 100

52 33.2 27.4 41.0

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.521 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015331.D

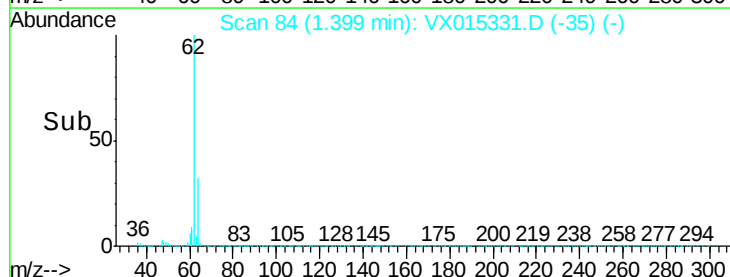
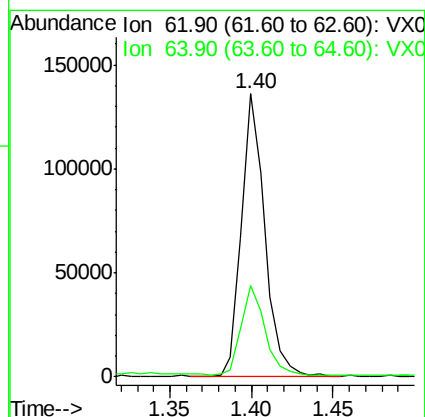
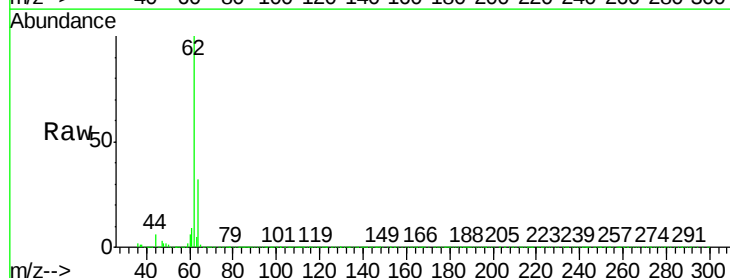
Acq: 18 Mar 2020 18:11

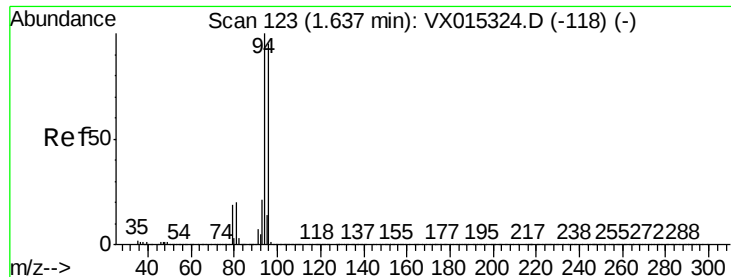
Tgt Ion: 62 Resp: 136554

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 45.982 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

Tot Ion: 94 Resp: 101314

Ion Ratio Lower Upper

94 100

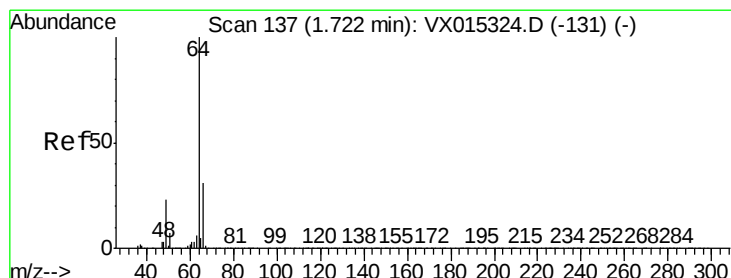
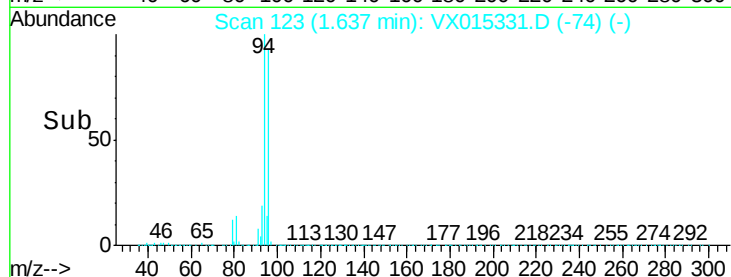
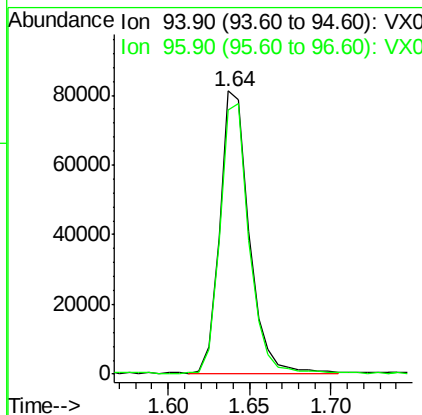
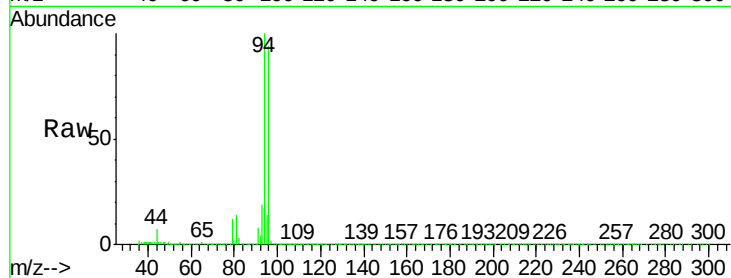
96 93.3 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 19.413 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015331.D

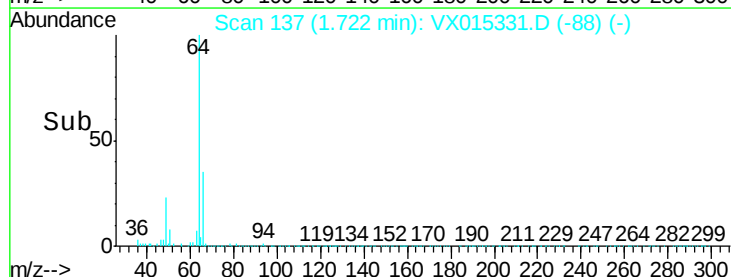
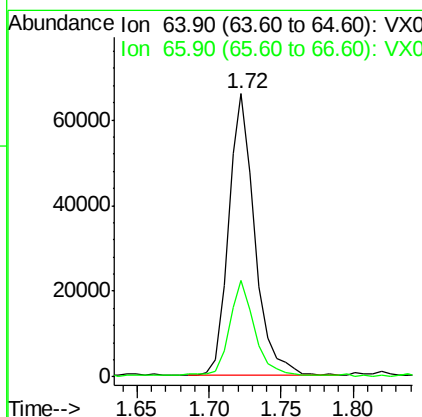
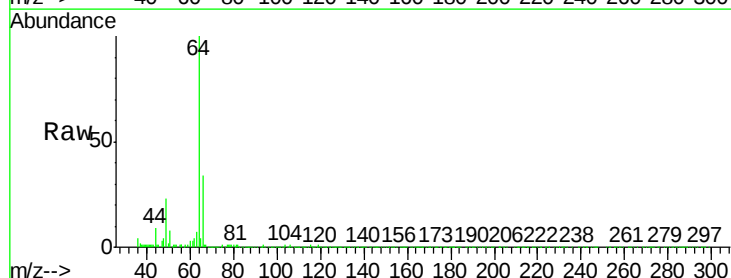
Acq: 18 Mar 2020 18:11

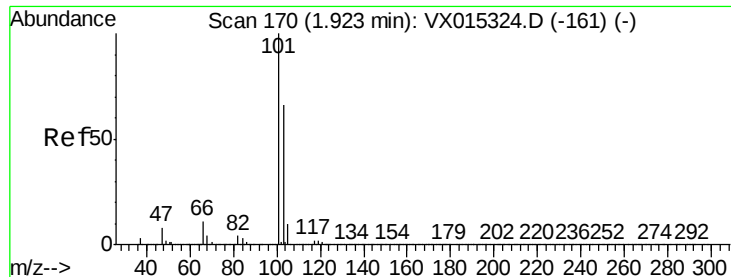
Tgt Ion: 64 Resp: 83917

Ion Ratio Lower Upper

64 100

66 33.8 24.8 37.2





#7

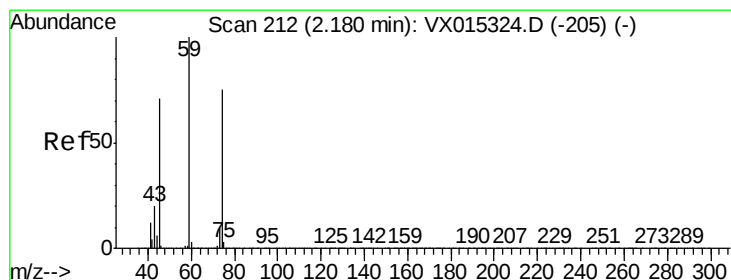
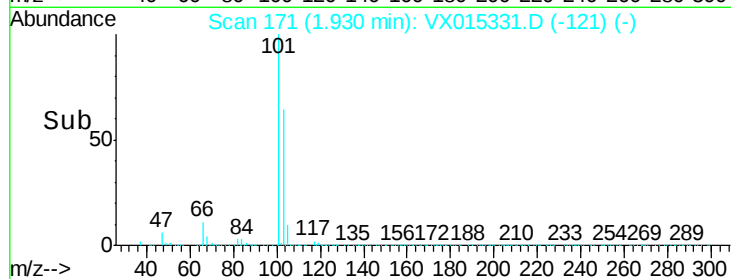
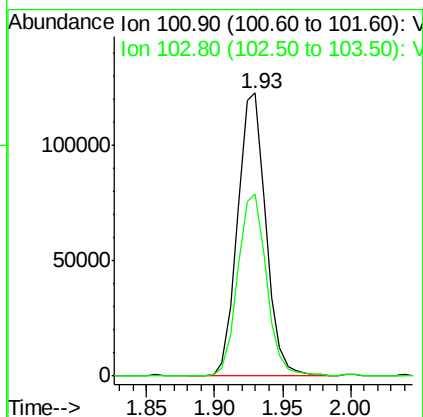
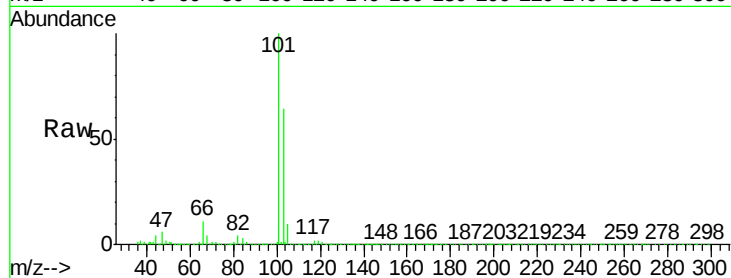
Trichlorofluoromethane
Concen: 18.907 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.6	79.0

Manual Integrations
APPROVED

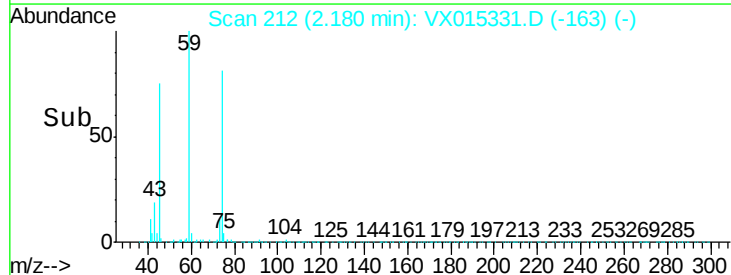
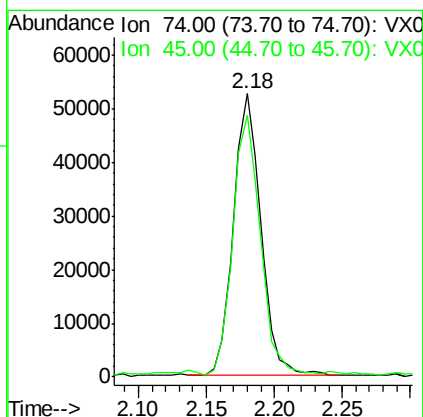
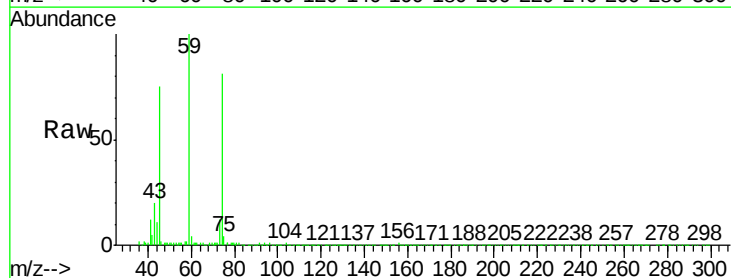
MMDadoda
3/19/2020 12:01:05 PM

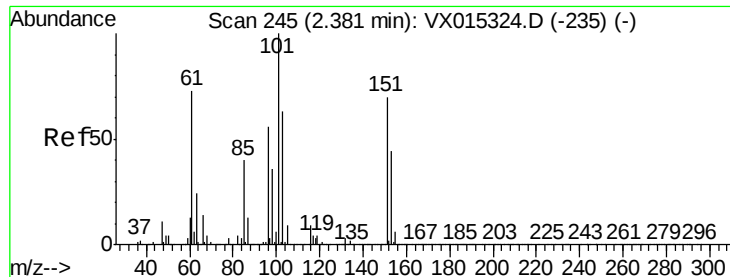


#8

Diethyl Ether
Concen: 19.012 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.9	46.5	139.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.726 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

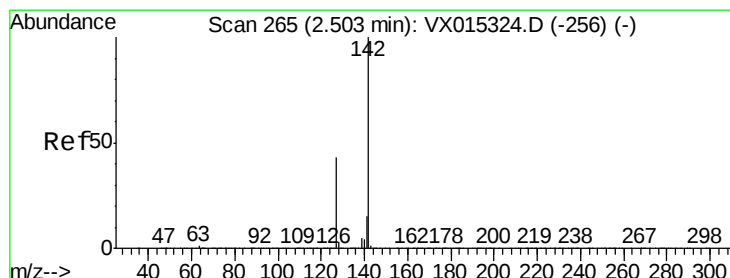
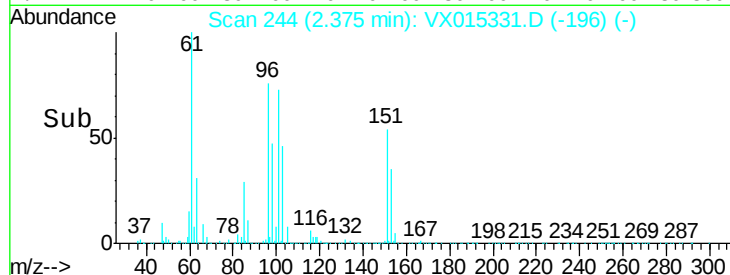
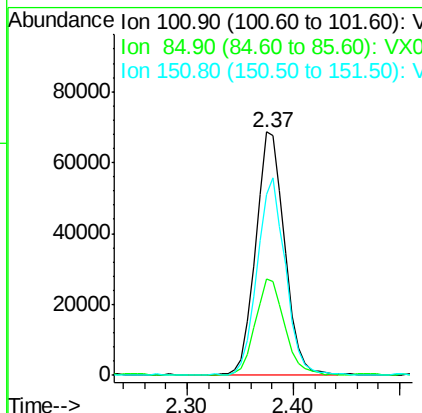
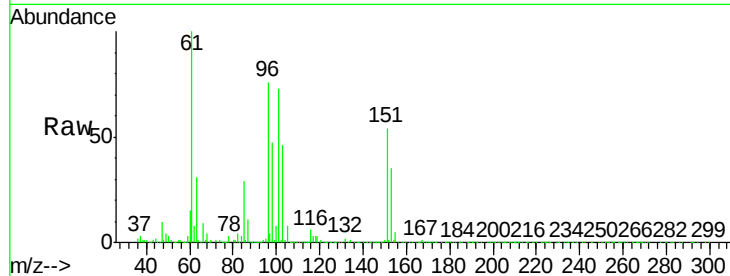
ClientSampleId :

VX0318WBSD01

Tot Ion:	101	Resp:	131475
Ion Ratio	Lower	Upper	
101	100		
85	39.1	32.2	48.4
151	79.4	55.0	82.6

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#10

Methyl Iodide

Concen: 18.149 ug/l

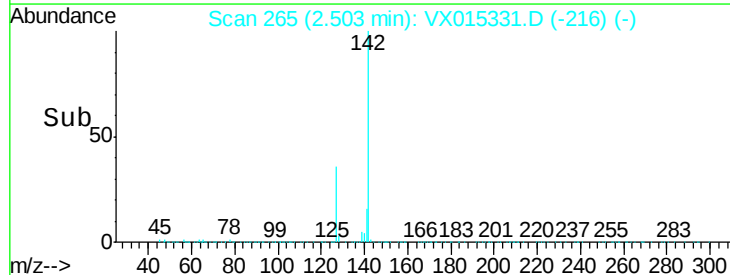
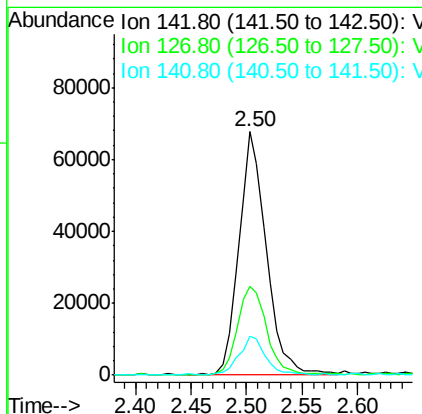
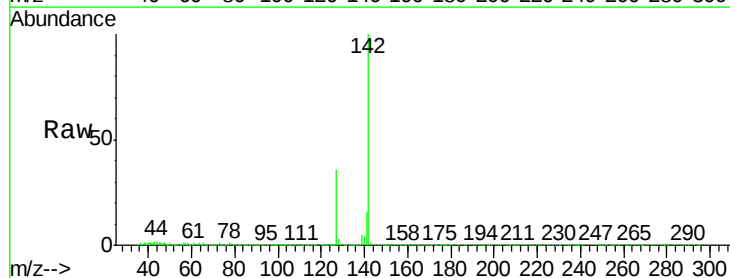
RT: 2.50 min Scan# 265

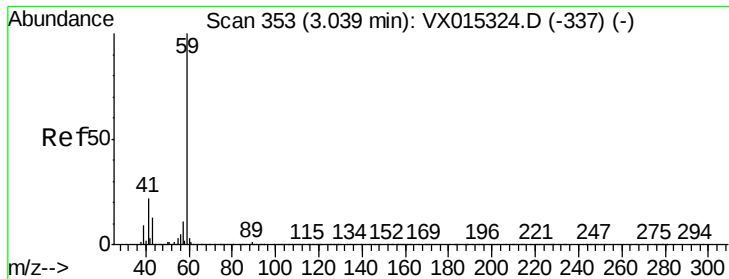
Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Tgt Ion:	142	Resp:	115218
Ion Ratio	Lower	Upper	
142	100		
127	39.1	33.6	50.4
141	15.1	11.9	17.9





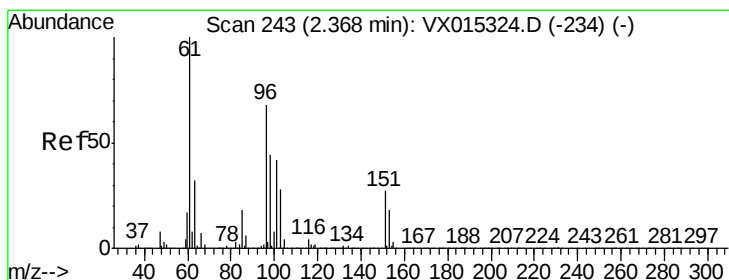
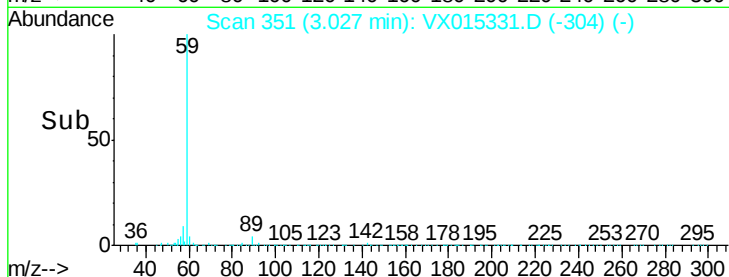
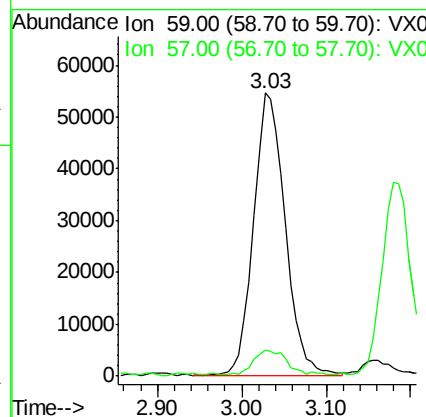
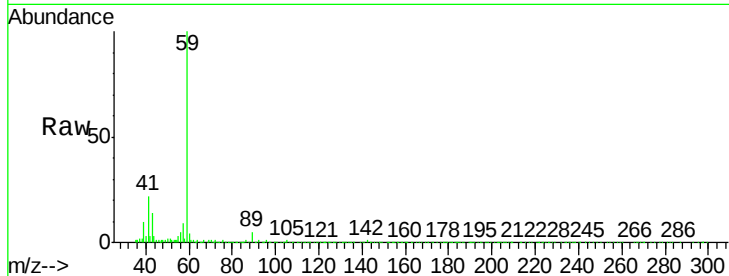
#11
Tert butyl alcohol
Concen: 100.822 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.9	8.0	12.0

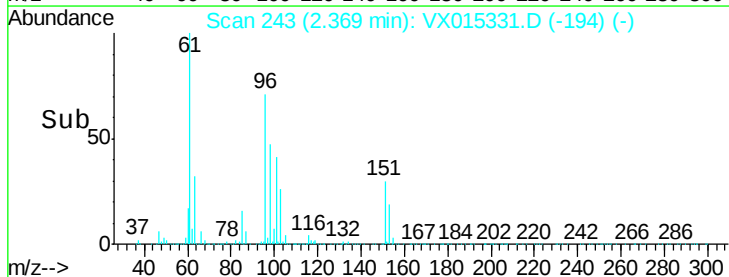
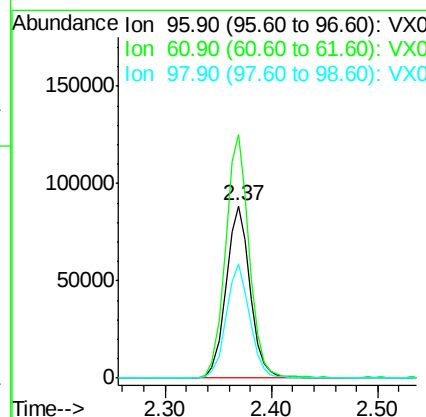
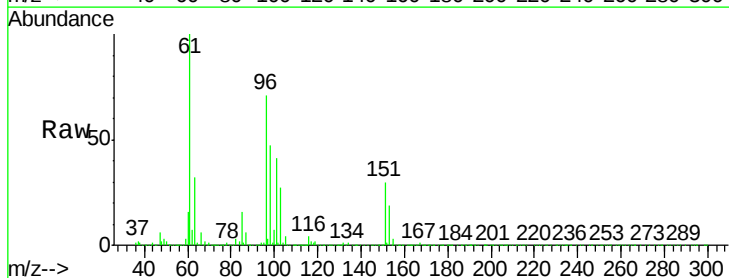
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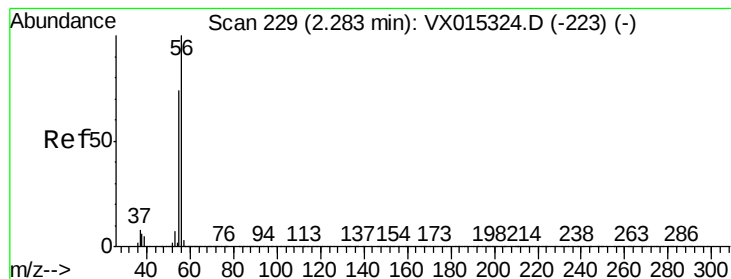
MMDadoda
3/19/2020 12:01:05 PM



#12
1,1-Dichloroethene
Concen: 19.044 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.5	117.7	176.5
98	66.1	52.3	78.5





#13

Acrolein

Concen: 99.325 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

Tot Ion: 56 Resp: 123153

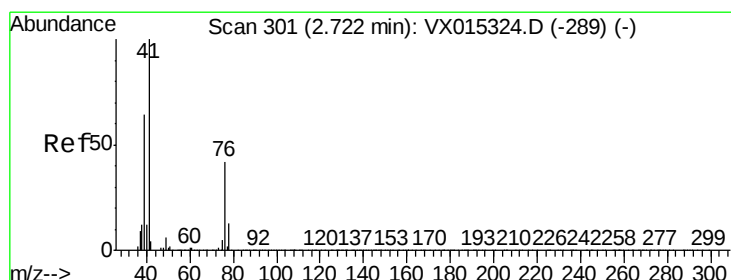
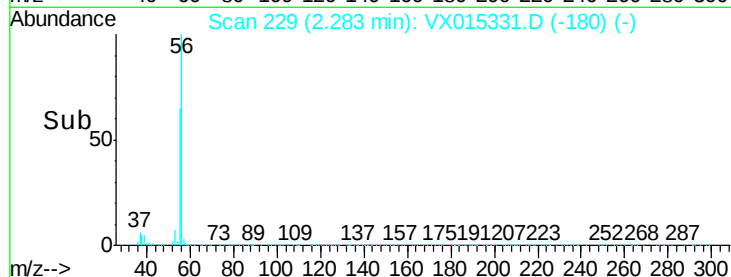
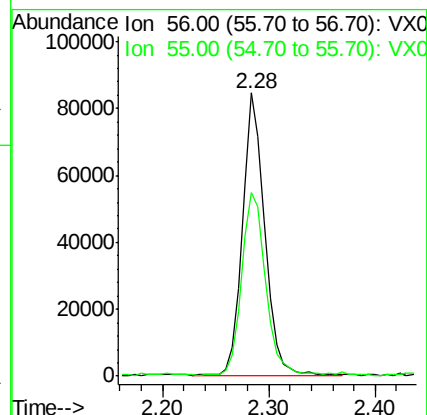
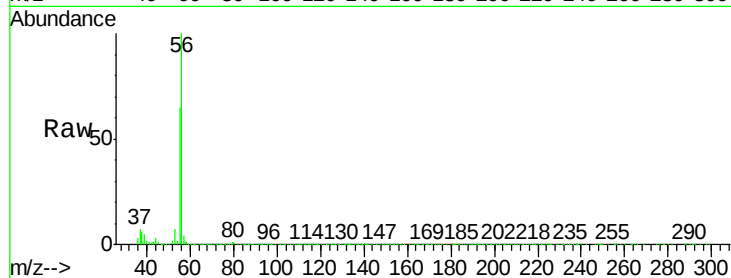
Ion Ratio Lower Upper

56 100

55 68.8 56.6 84.8

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#14

Allyl chloride

Concen: 19.477 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

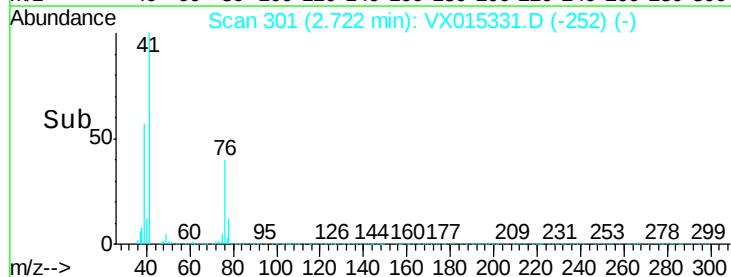
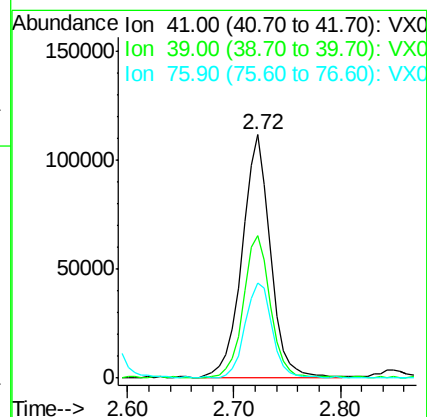
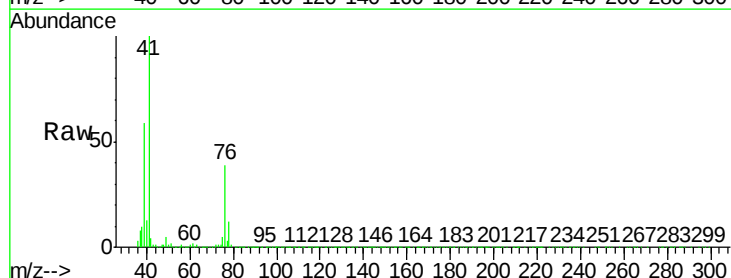
Tgt Ion: 41 Resp: 209765

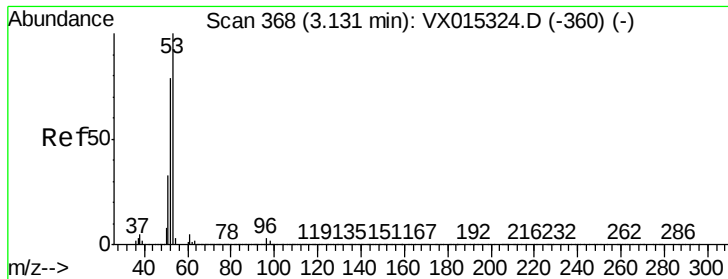
Ion Ratio Lower Upper

41 100

39 56.6 46.8 70.2

76 36.7 30.7 46.1





#15

Acrylonitrile

Concen: 97.768 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

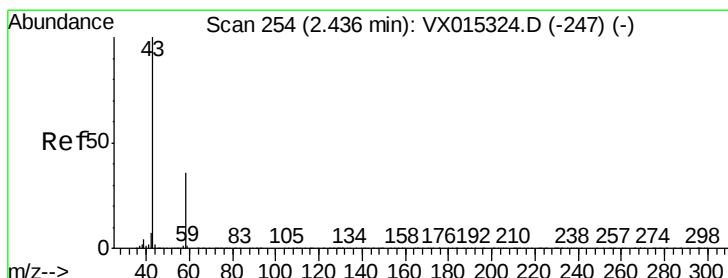
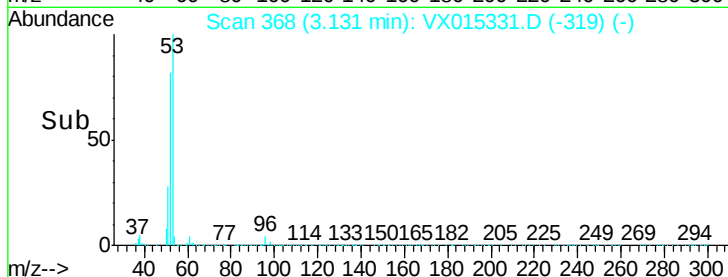
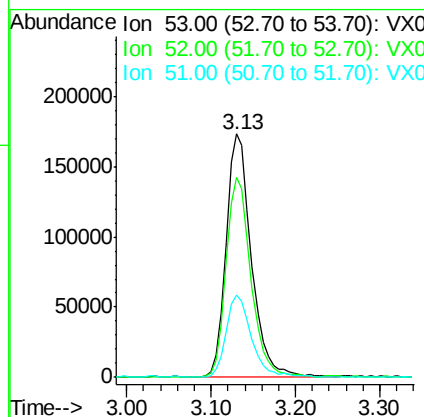
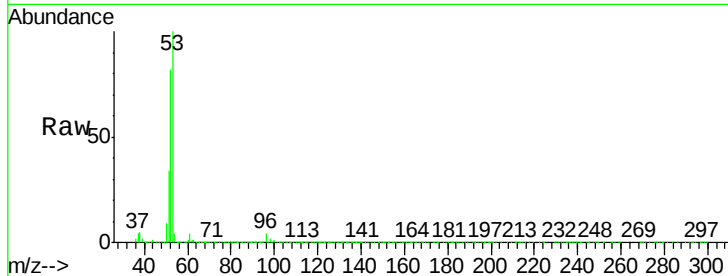
ClientSampleId :

VX0318WBSD01

Tot Ion:	53	Resp:	353907
Ion Ratio		Lower	Upper
53	100		
52	81.8	64.6	97.0
51	34.8	27.5	41.3

Manual Integrations
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#16

Acetone

Concen: 96.214 ug/l

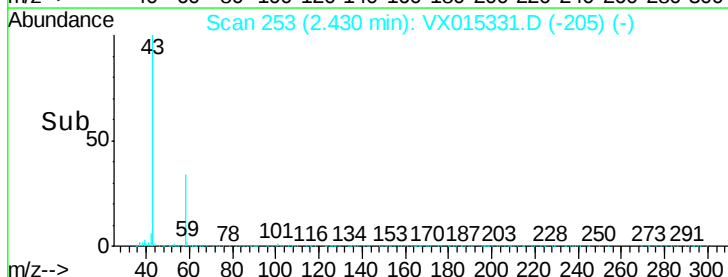
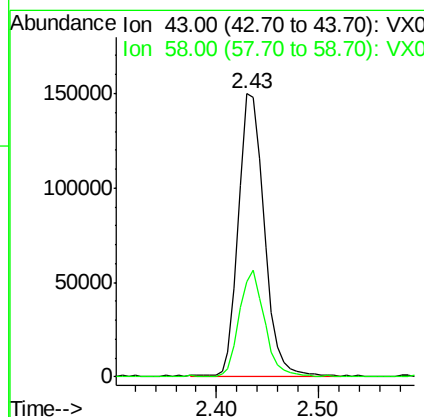
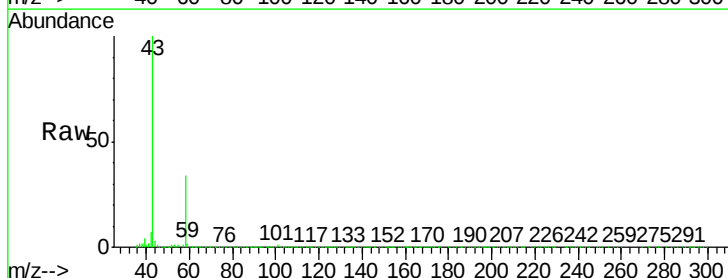
RT: 2.43 min Scan# 253

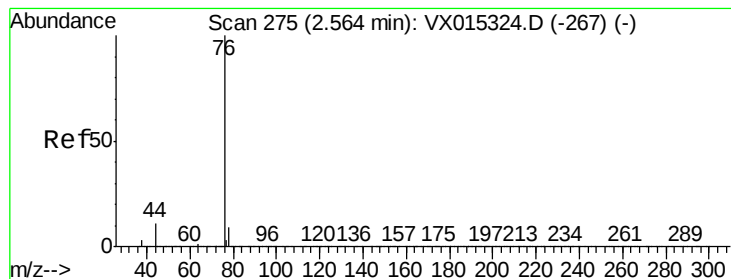
Delta R.T. -0.01 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Tgt Ion:	43	Resp:	259347
Ion Ratio		Lower	Upper
43	100		
58	33.6	29.0	43.4





#17

Carbon Disulfide

Concen: 18.876 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

Tot Ion: 76 Resp: 366598

Ion Ratio Lower Upper

76 100

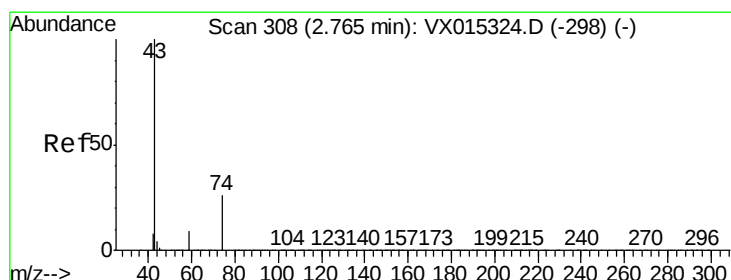
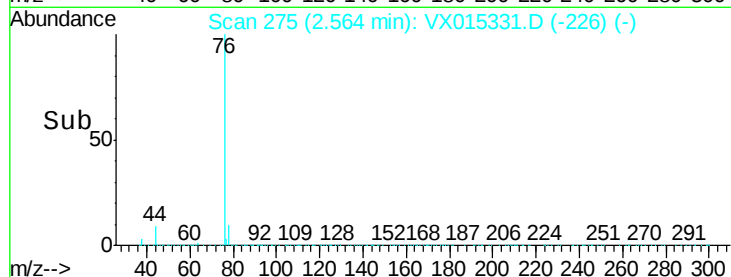
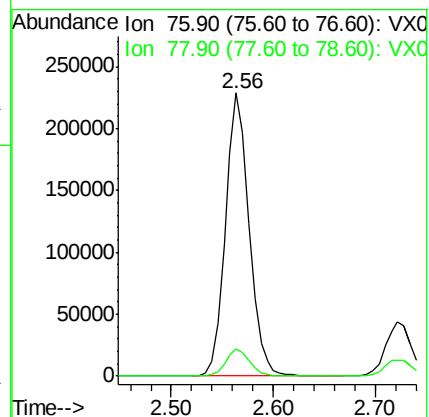
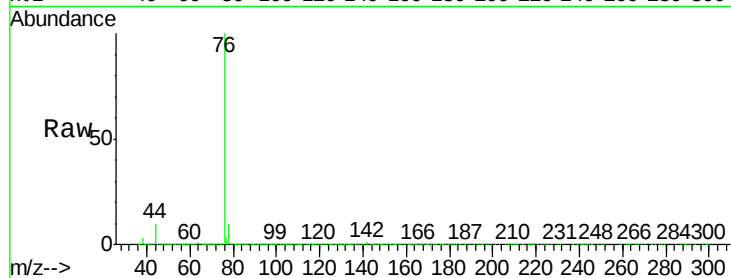
78 9.7 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 19.056 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015331.D

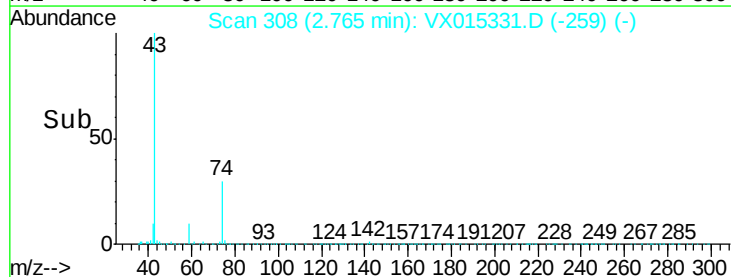
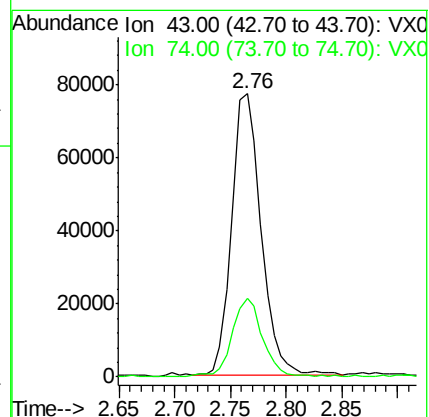
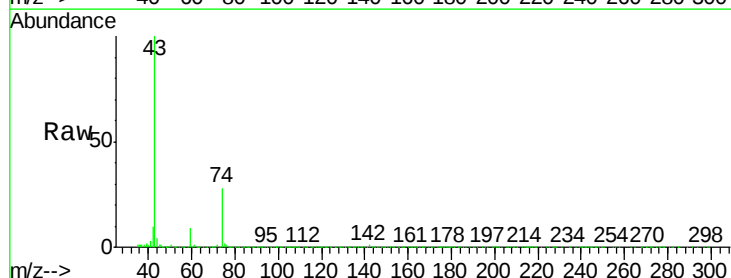
Acq: 18 Mar 2020 18:11

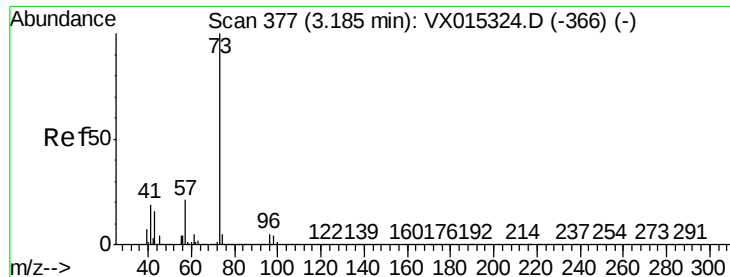
Tgt Ion: 43 Resp: 142594

Ion Ratio Lower Upper

43 100

74 28.9 21.9 32.9





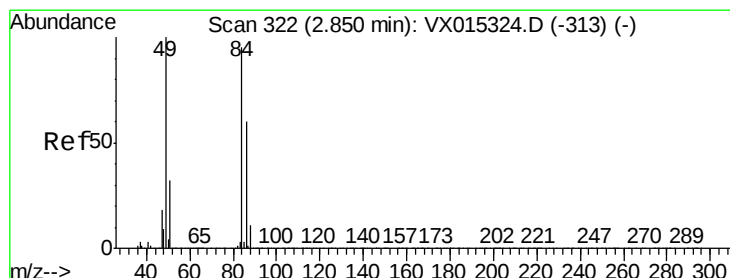
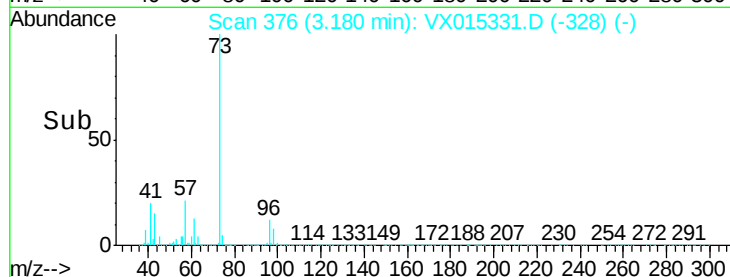
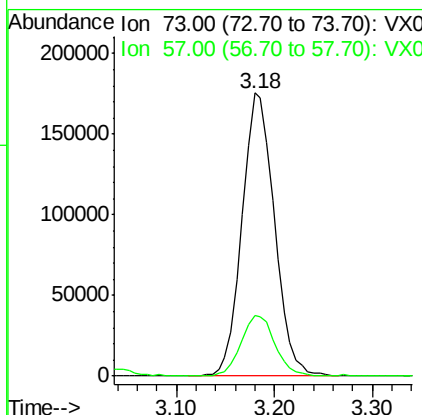
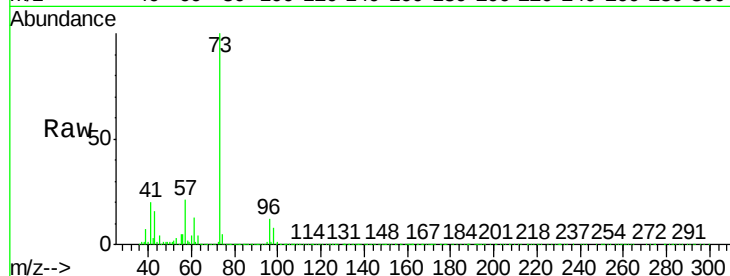
#19
Methvl tert-butvl Ether
Concen: 19.252 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.8	25.2

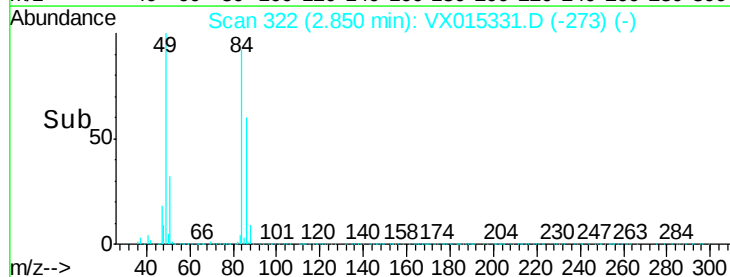
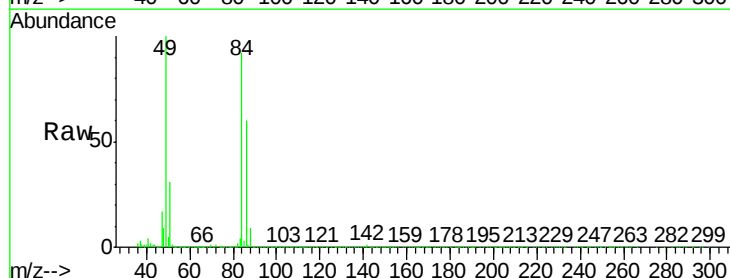
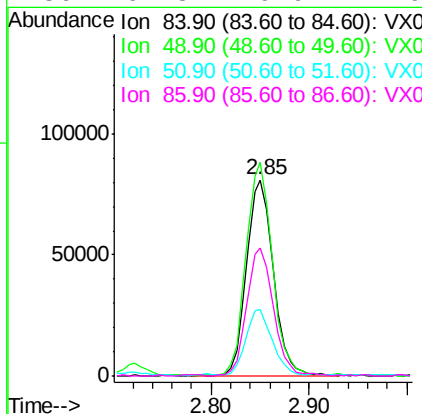
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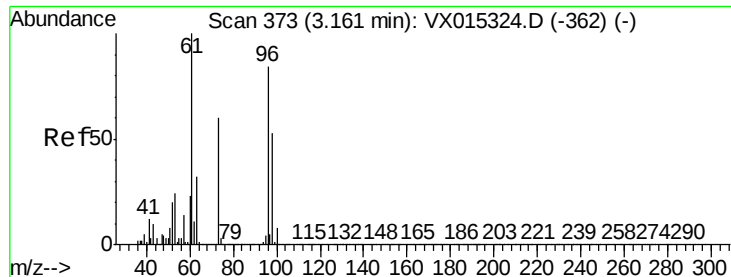
MMDadoda
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#20
Methylene Chloride
Concen: 19.510 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.5	84.0	126.0
51	33.9	27.0	40.6
86	64.8	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 18.639 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

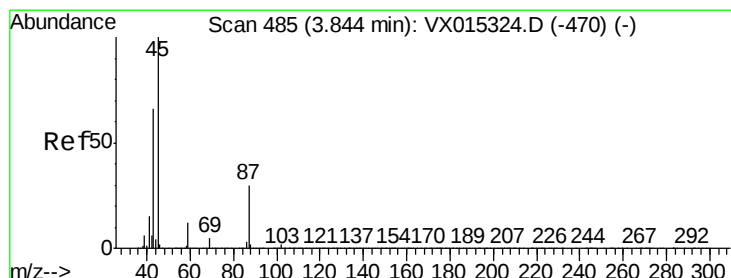
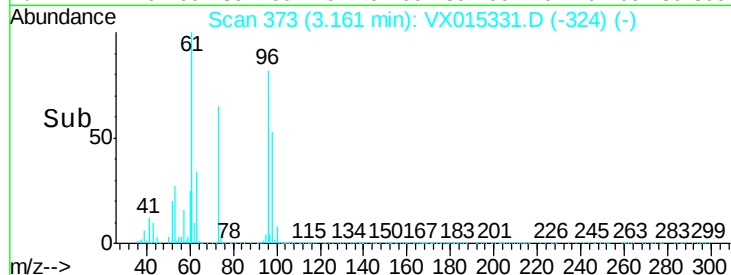
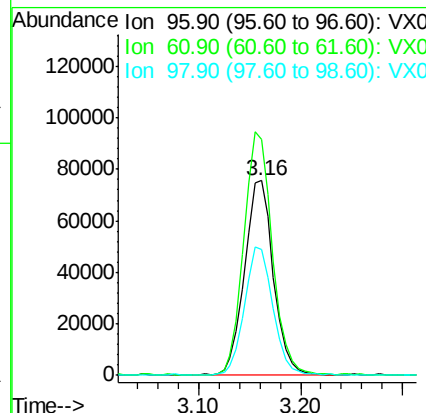
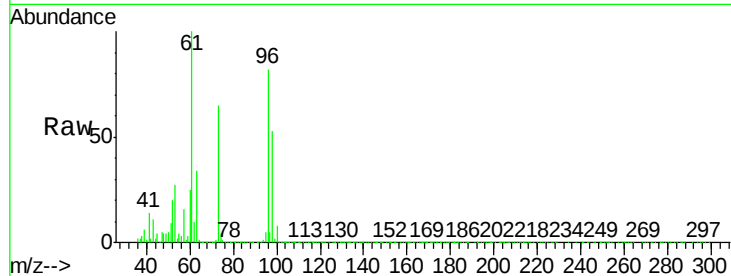
ClientSampleId :

VX0318WBSD01

Tot Ion:	96	Resp:	148601
Ion Ratio	Lower	Upper	
96	100		
61	121.1	95.5	143.3
98	64.6	50.2	75.2

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#22

Diisopropyl ether

Concen: 19.799 ug/l

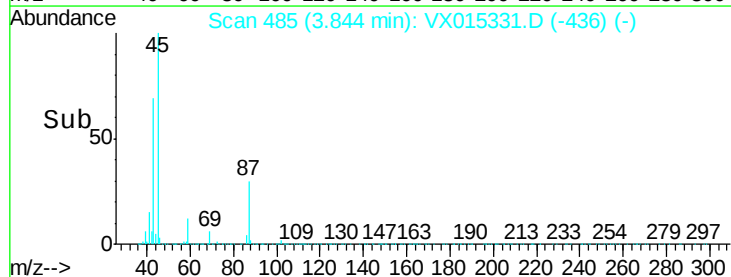
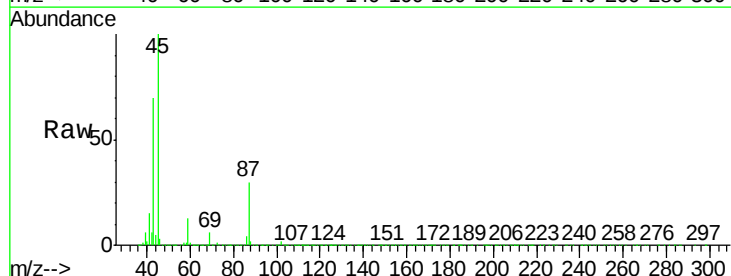
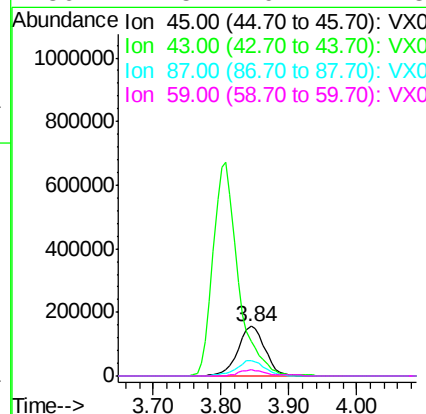
RT: 3.84 min Scan# 485

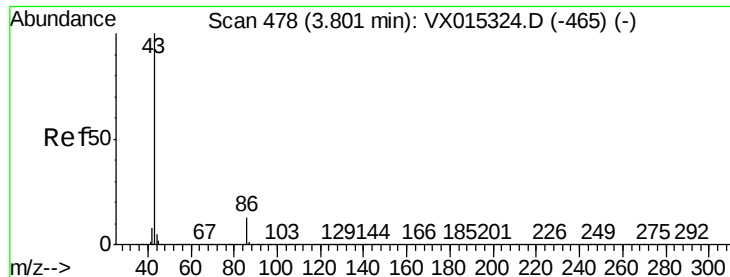
Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Tgt Ion:	45	Resp:	430474
Ion Ratio	Lower	Upper	
45	100		
43	69.1	52.8	79.2
87	29.7	24.3	36.5
59	12.5	9.7	14.5





#23

Vinyl Acetate

Concen: 99.191 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

Tot Ion: 43 Resp: 1720043

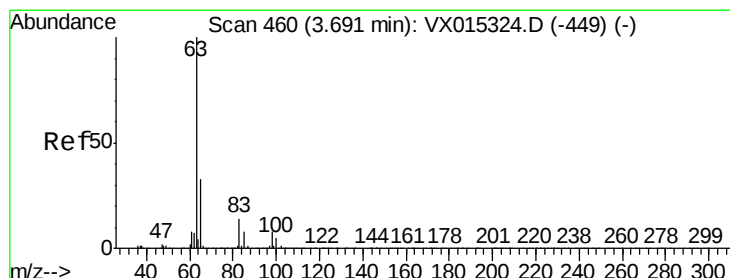
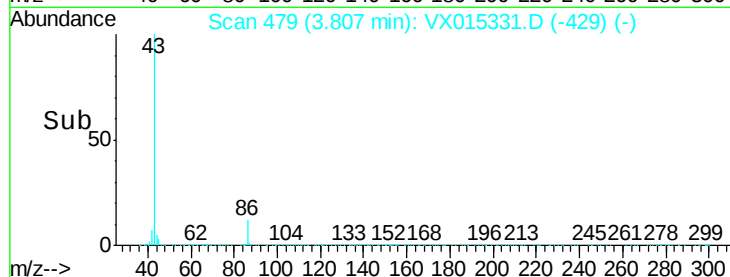
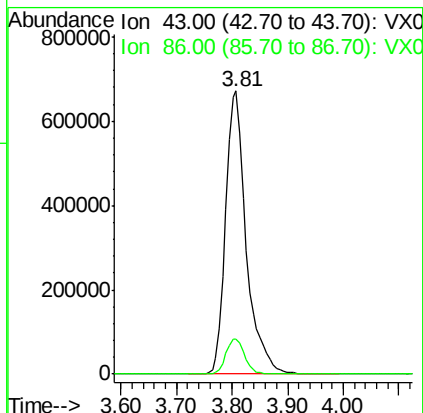
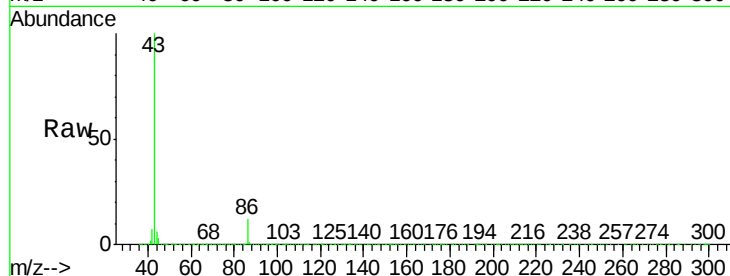
Ion Ratio Lower Upper

43 100

86 12.4 10.1 15.1

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#24

1,1-Dichloroethane

Concen: 18.233 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

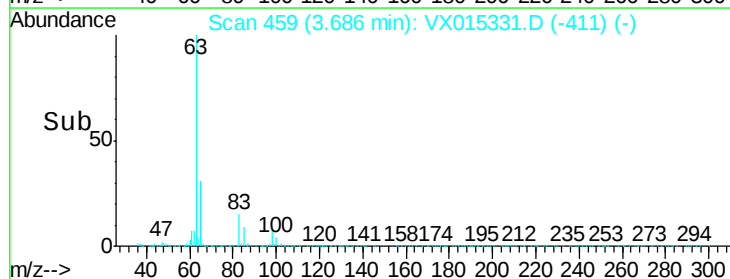
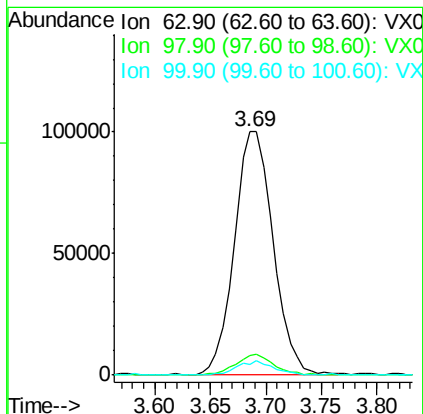
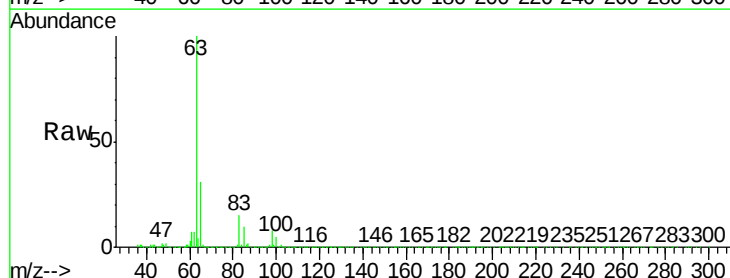
Tgt Ion: 63 Resp: 241997

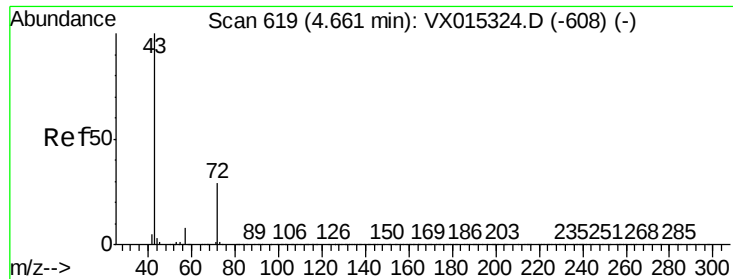
Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

100 4.3 2.4 7.2





#25

2-Butanone

Concen: 99.407 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampled :

VX0318WBSD01

Tot Ion: 43 Resp: 449447

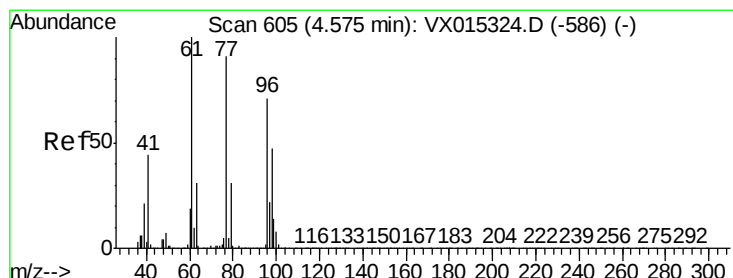
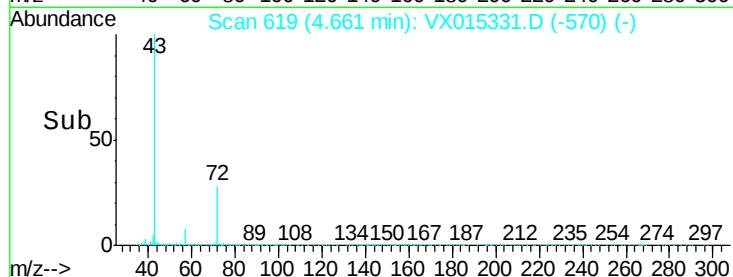
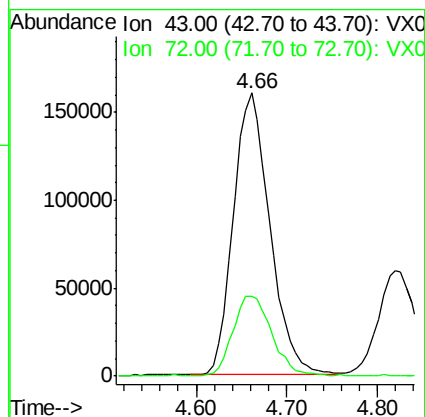
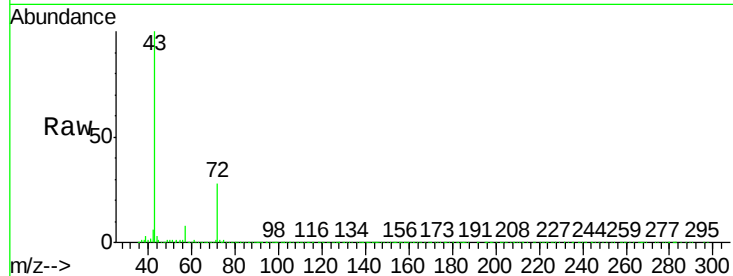
Ion Ratio Lower Upper

43 100

72 28.0 23.1 34.7

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 17.696 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015331.D

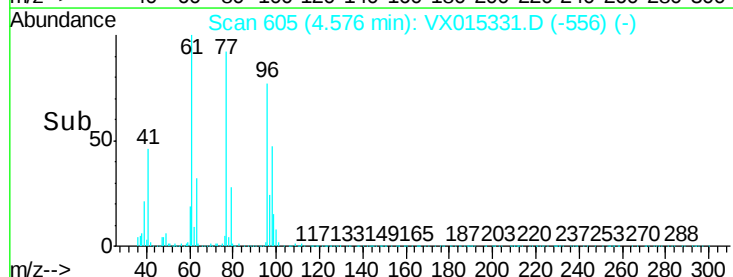
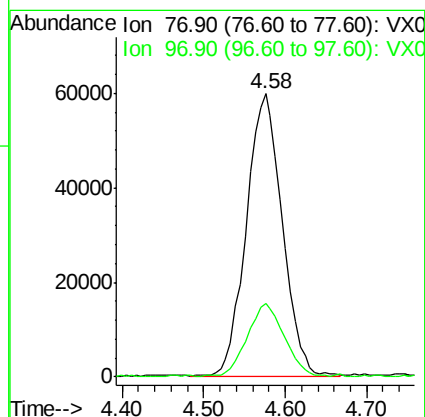
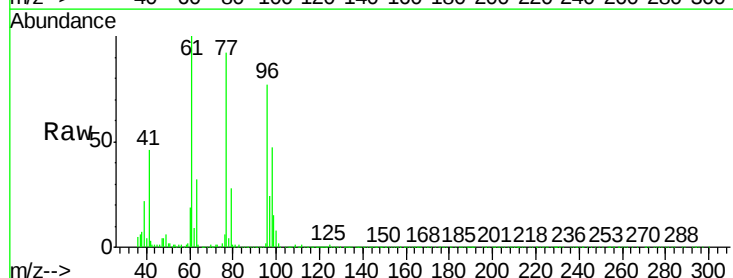
Acq: 18 Mar 2020 18:11

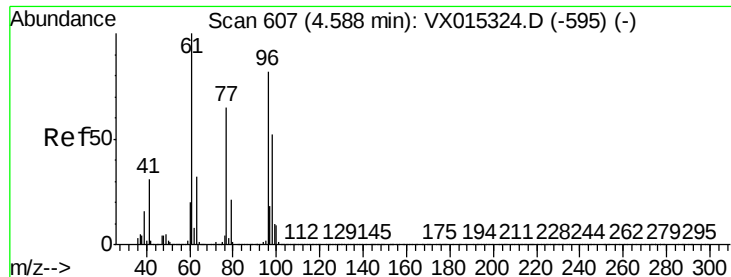
Tgt Ion: 77 Resp: 182525

Ion Ratio Lower Upper

77 100

97 26.8 13.0 38.9





#27

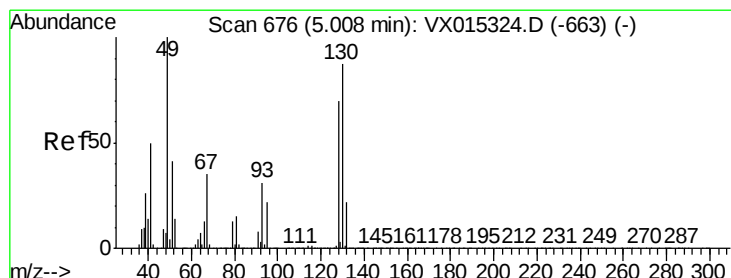
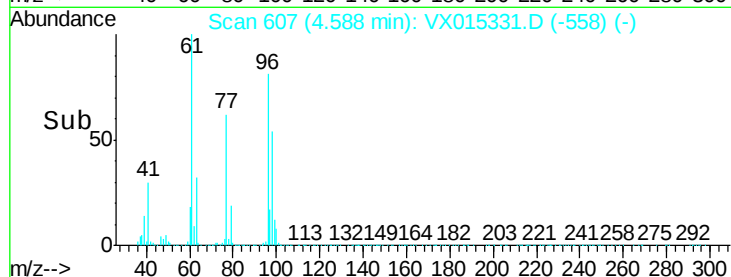
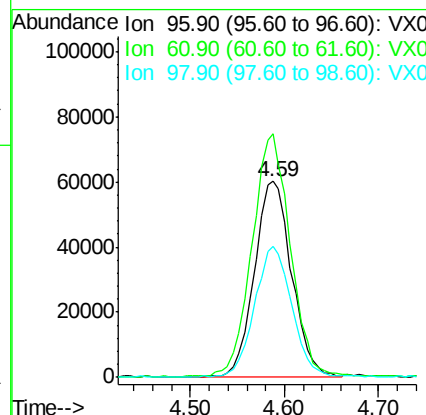
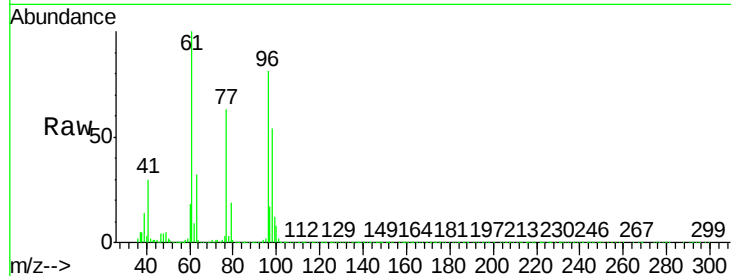
cis-1,2-Dichloroethene
Concen: 19.232 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	166293		
61	128.0	0.0	255.8	
98	67.9	0.0	128.8	

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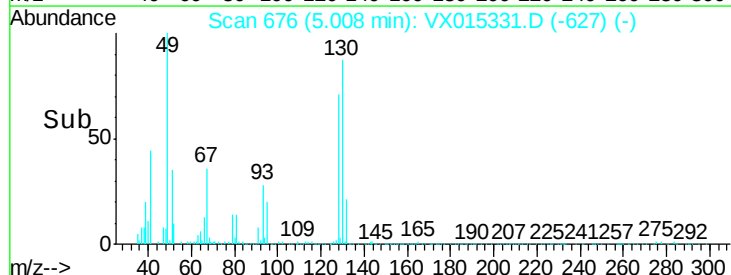
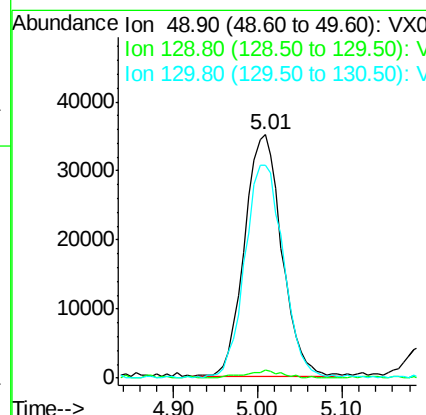
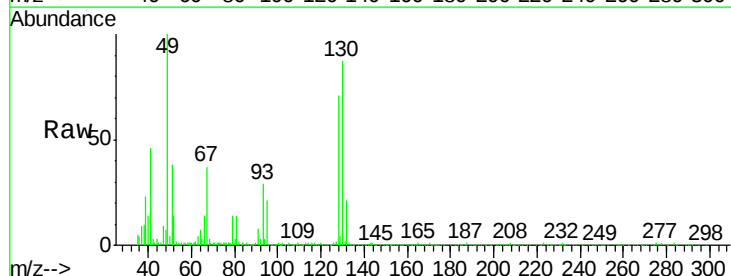
MMDadoda
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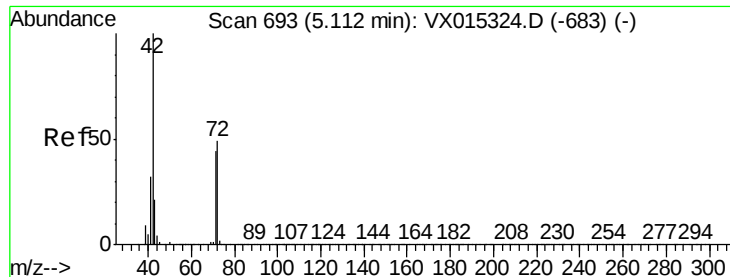


#28

Bromochloromethane
Concen: 19.509 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	105721		
129	2.6	0.0	5.4	
130	89.8	69.9	104.9	





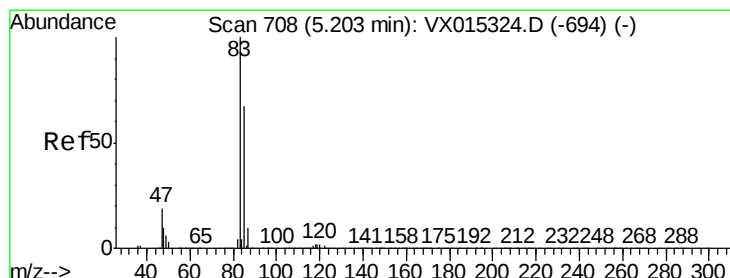
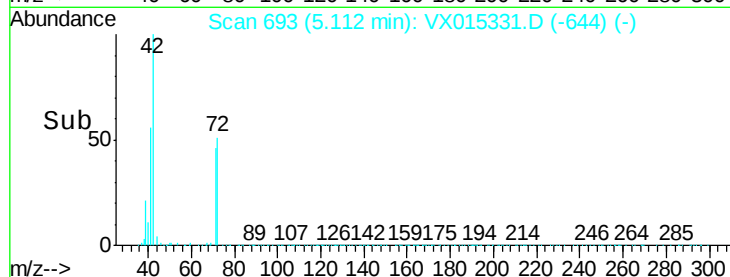
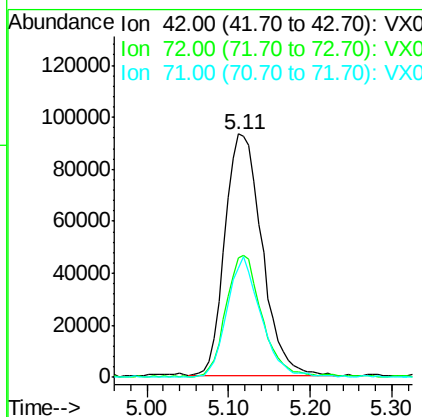
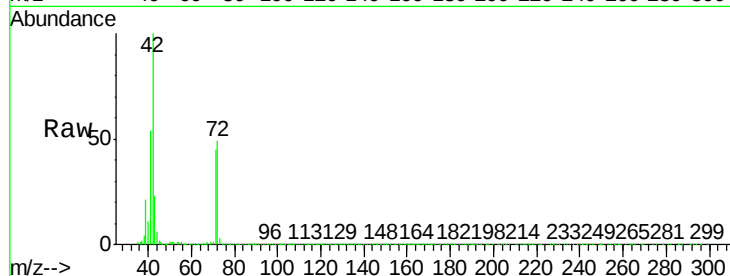
#29
Tetrahydrofuran
Concen: 98.997 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.0	39.6	59.4
71	45.6	36.5	54.7

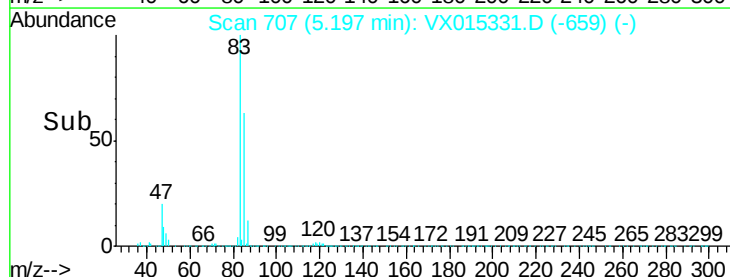
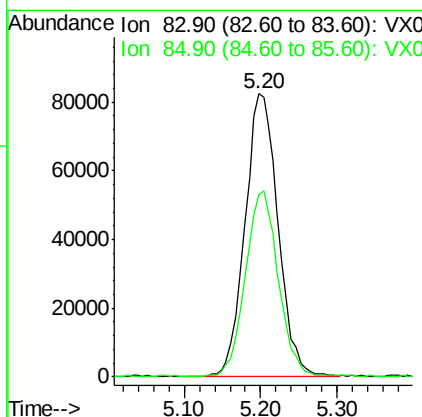
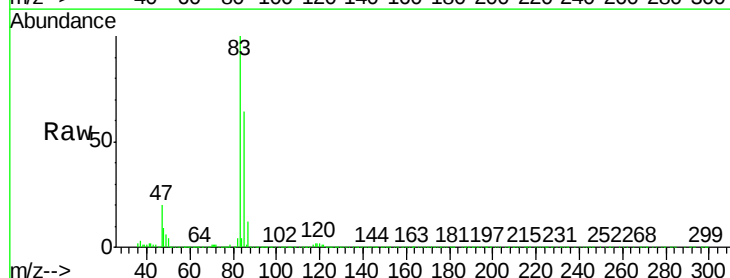
Manual Integrations
APPROVED

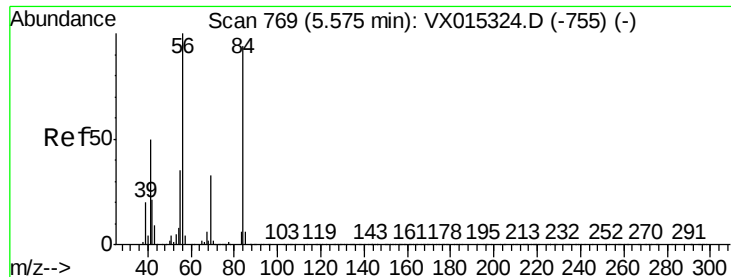
MMDadoda
3/19/2020 12:01:05 PM



#30
Chloroform
Concen: 18.433 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	53.8	80.6





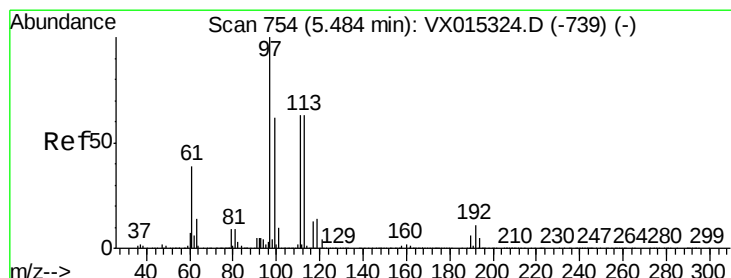
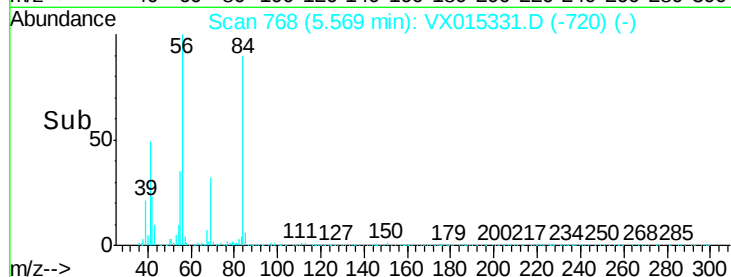
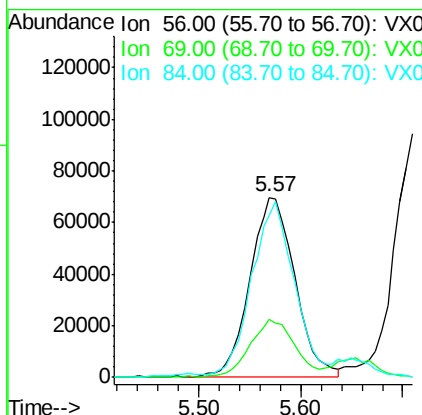
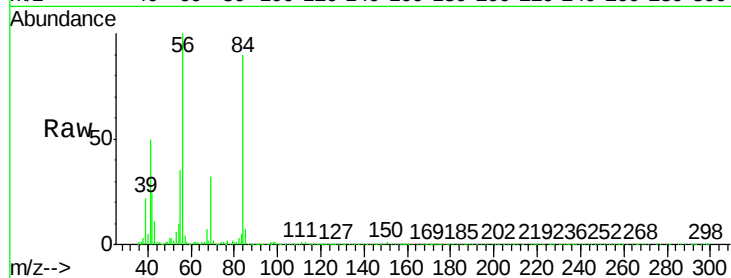
#31
Cyclohexane
Concen: 19.592 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.7	26.2	39.4
84	87.9	75.2	112.8

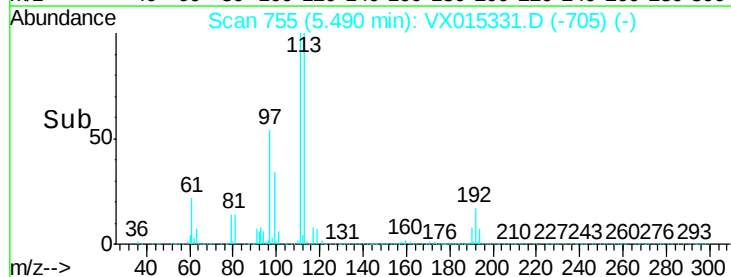
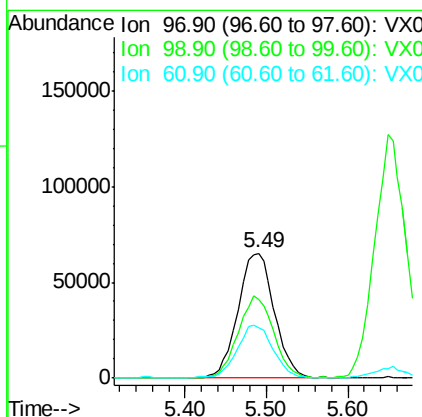
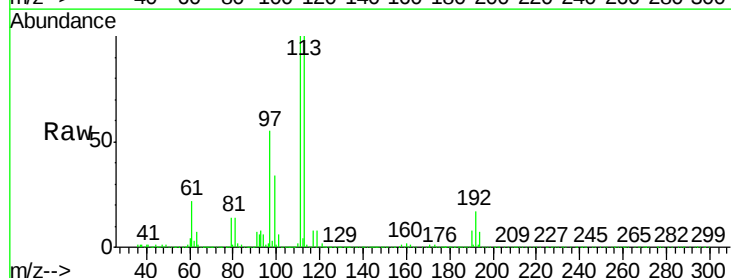
Manual Integrations
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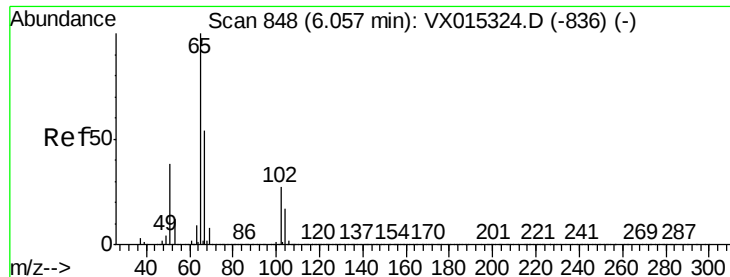
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3/19/2020 12:01:05 PM



#32
1,1,1-Trichloroethane
Concen: 18.164 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.4	77.0
61	41.9	31.7	47.5





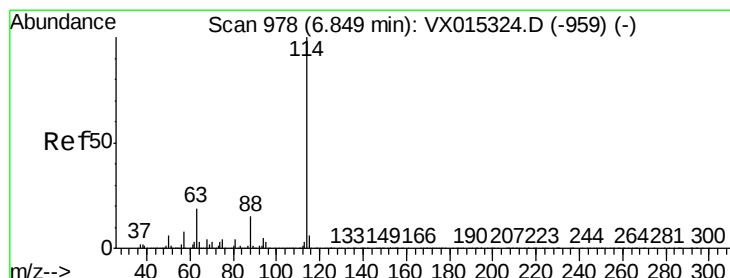
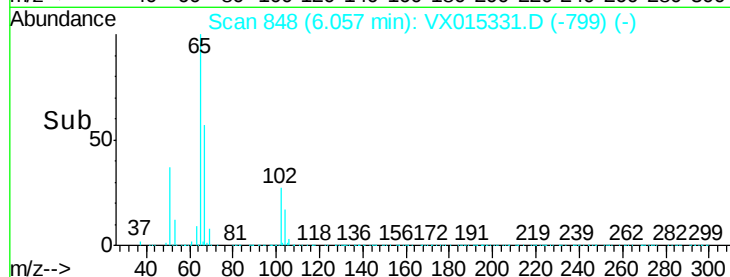
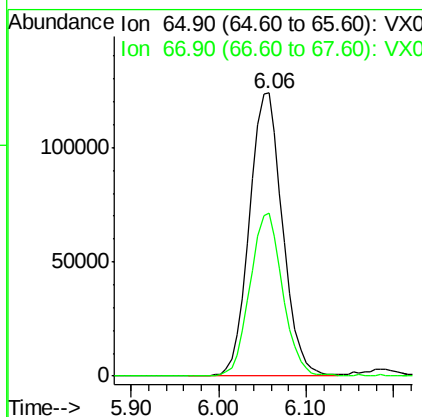
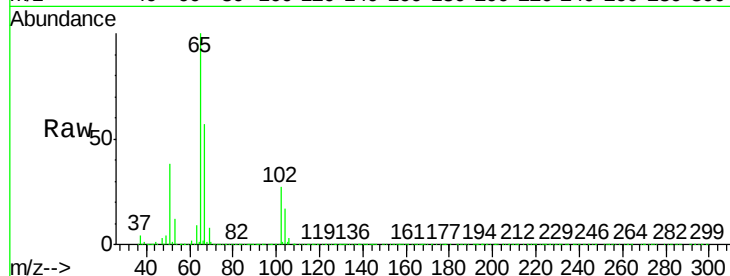
#33
 1,2-Dichloroethane-d4
 Concen: 45.825 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	324967		
67	56.3	0.0	108.6	

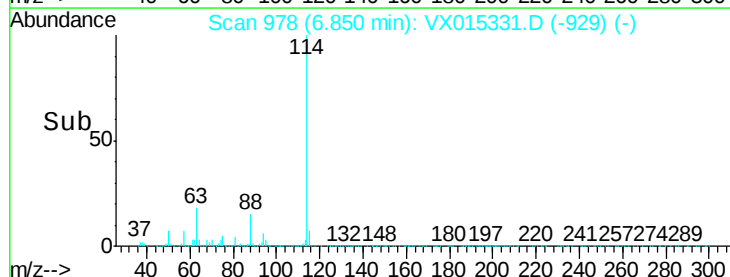
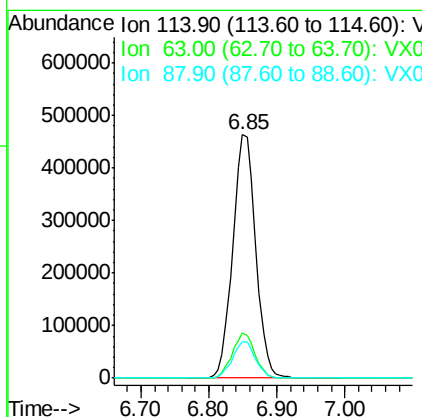
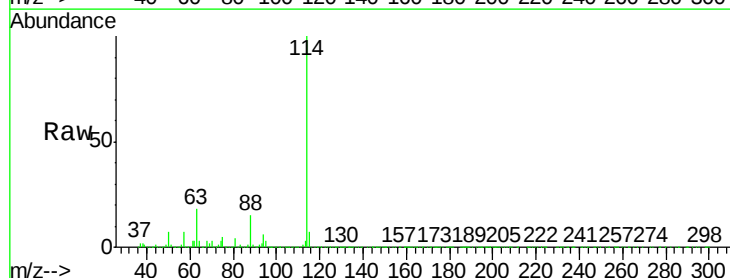
Manual Integrations
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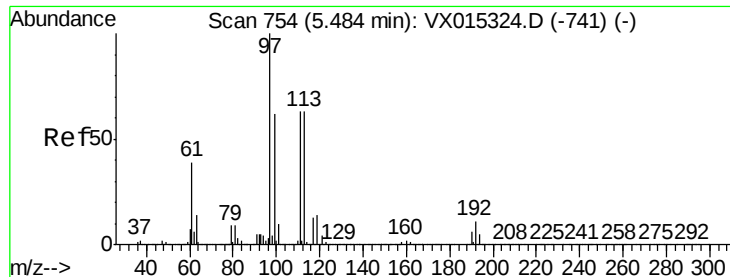
MMDadoda
 3/19/2020 12:01:05 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1083381		
63	18.4	0.0	37.4	
88	14.7	0.0	30.0	





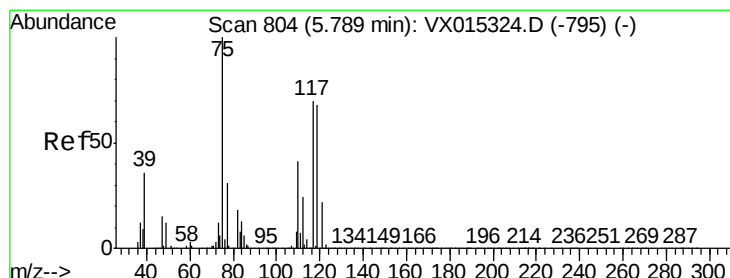
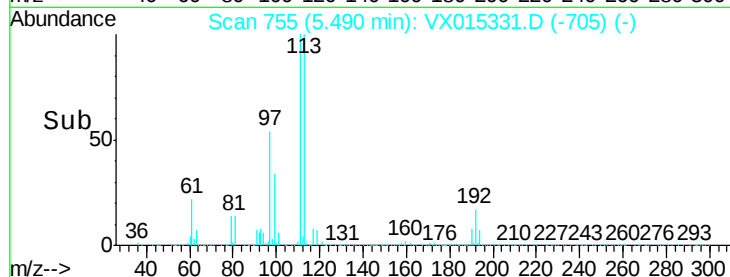
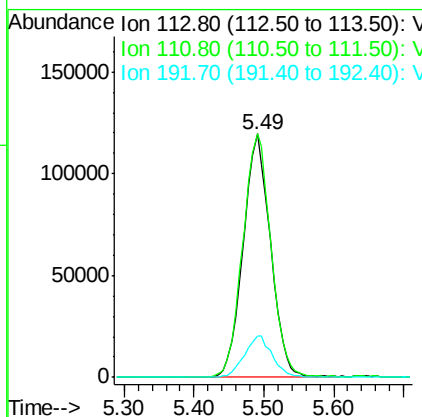
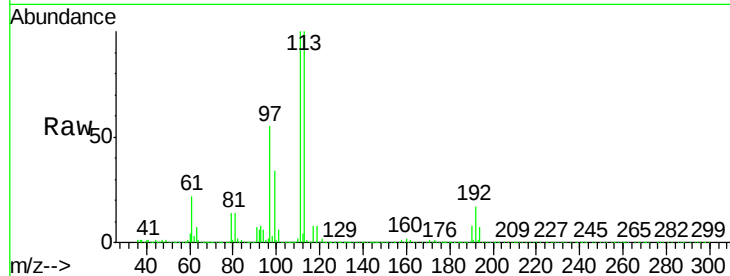
#35
Dibromofluoromethane
Concen: 45.881 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	323899		
111	103.1	82.5	123.7	
192	17.3	14.2	21.2	

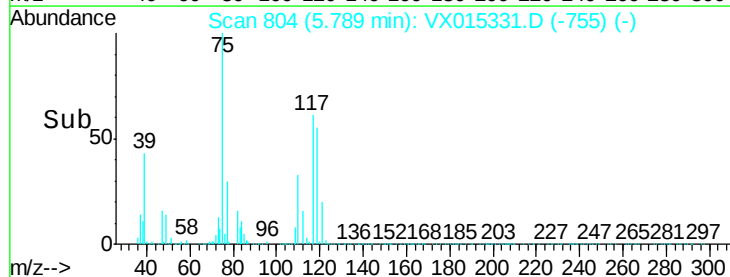
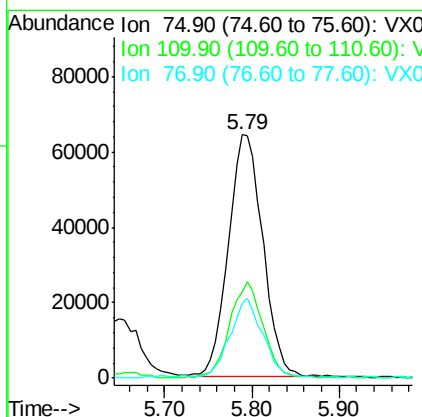
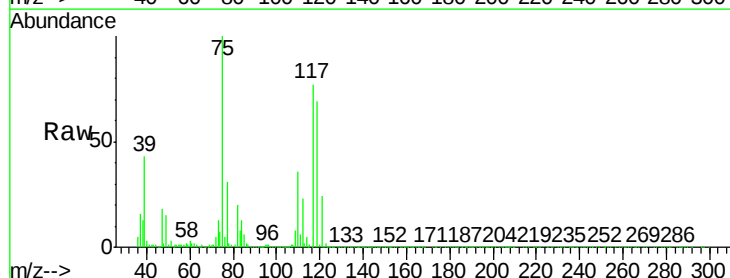
Manual Integrations
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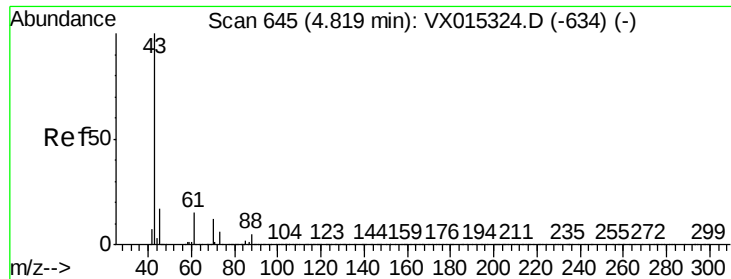
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#36
1,1-Dichloropropene
Concen: 17.229 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	177073		
110	38.6	19.4	58.4	
77	30.7	24.6	37.0	





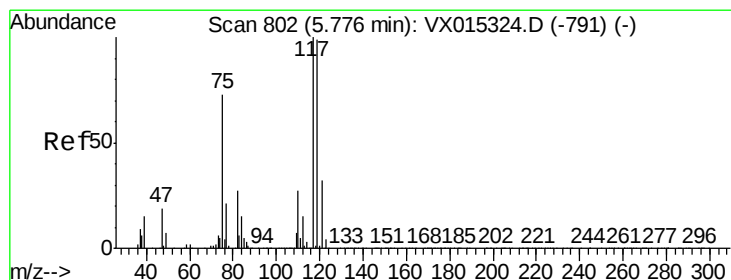
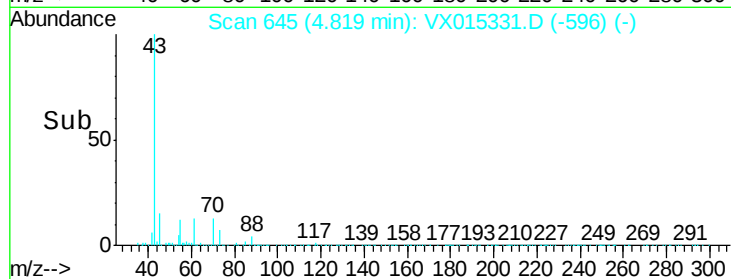
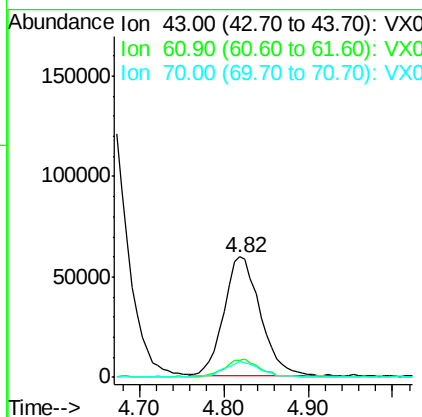
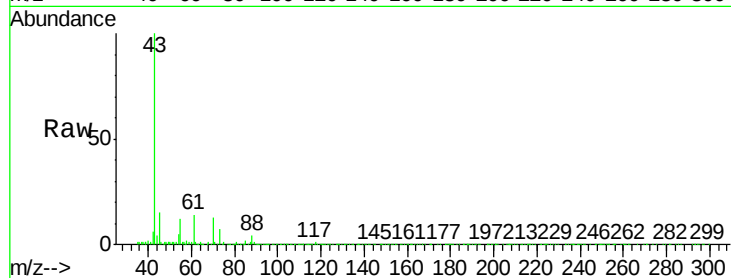
#37
Ethyl Acetate
Concen: 18.611 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion	43	Resp	173615
Ion Ratio	Lower	Upper	
43	100		
61	14.4	12.2	18.2
70	12.5	9.8	14.6

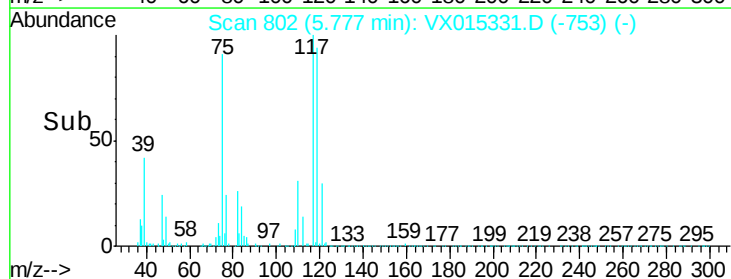
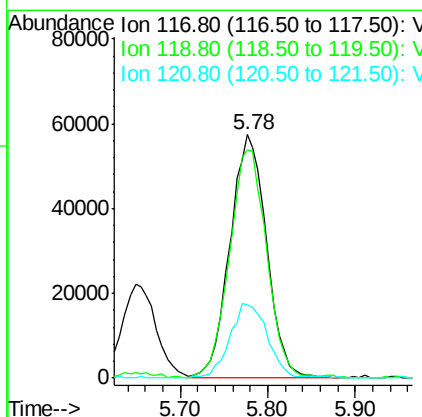
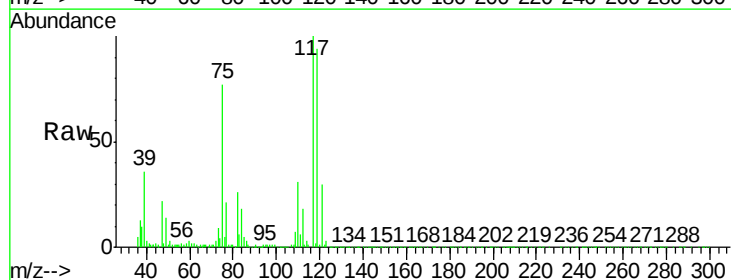
Manual Integrations
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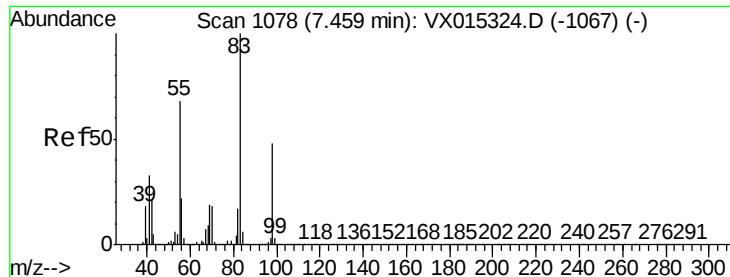
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#38
Carbon Tetrachloride
Concen: 16.981 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion	117	Resp	165803
Ion Ratio	Lower	Upper	
117	100		
119	93.7	79.3	118.9
121	29.8	25.4	38.0





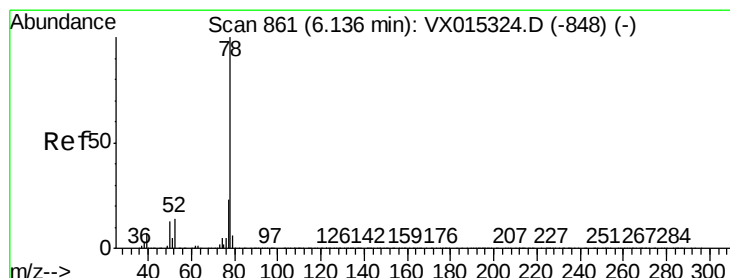
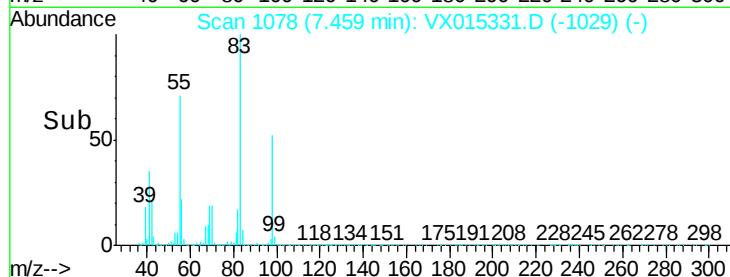
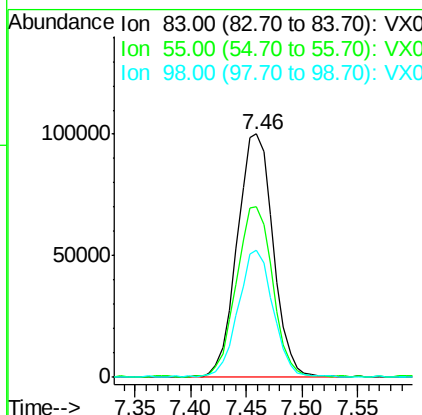
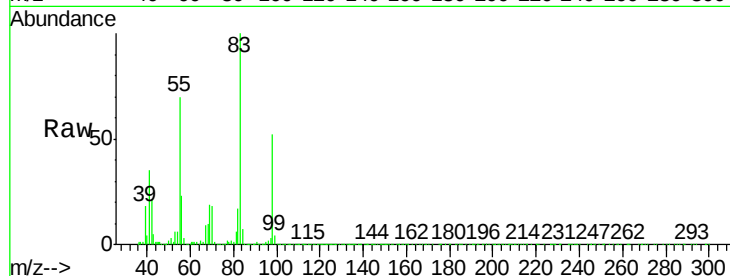
#39
Methvlcvclohexane
Concen: 18.027 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	223723		
55	70.0		54.8	82.2
98	51.8		38.8	58.2

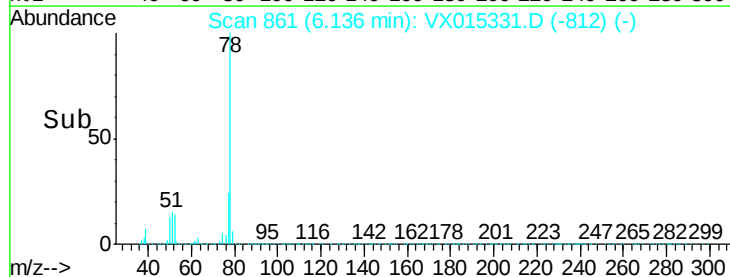
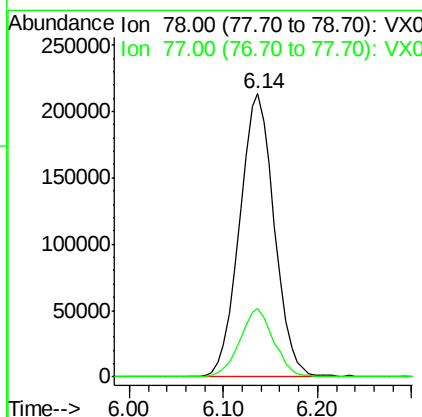
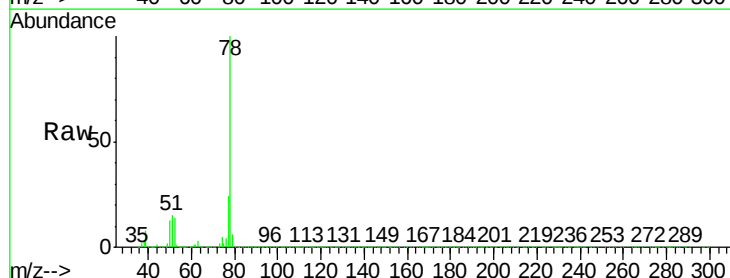
Manual Integrations
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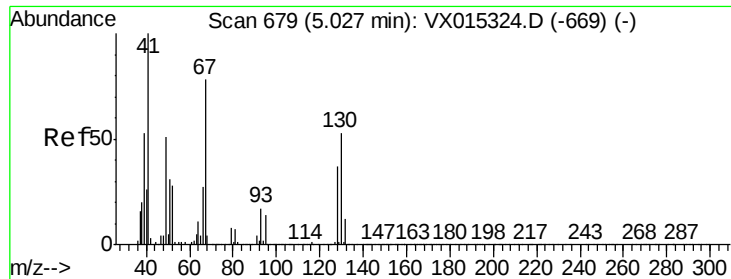
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#40
Benzene
Concen: 17.613 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	549952		
77	24.2		18.2	27.4





#41

Methacrylonitrile

Concen: 19.720 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

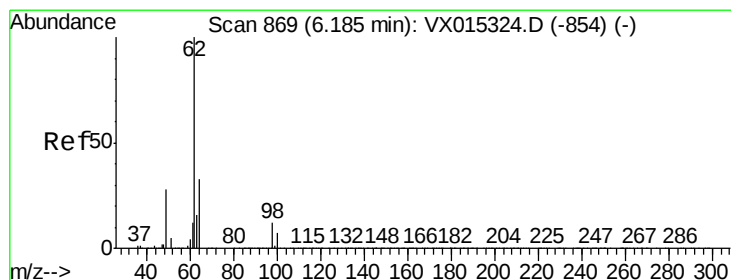
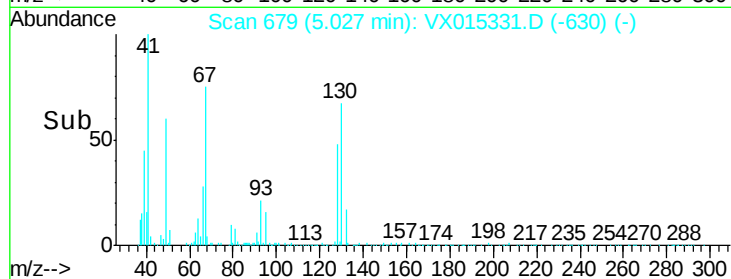
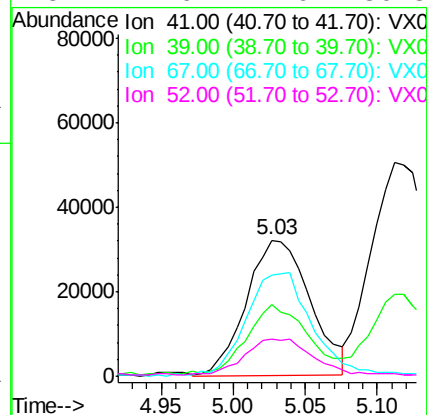
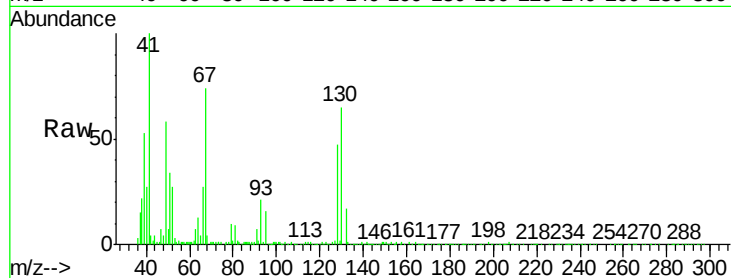
ClientSampleId :

VX0318WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	50.0	43.0	64.6
67	79.7	66.0	99.0
52	27.6	24.6	36.8

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.036 ug/l

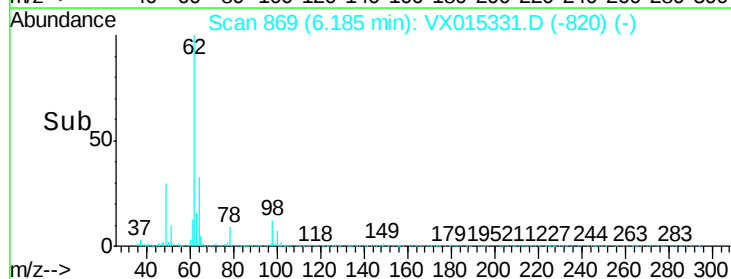
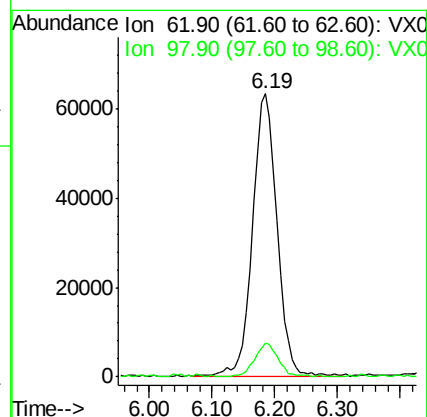
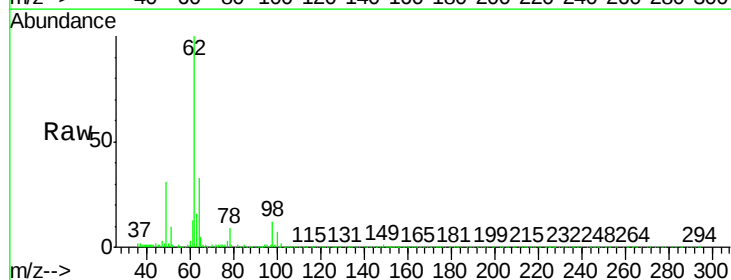
RT: 6.19 min Scan# 869

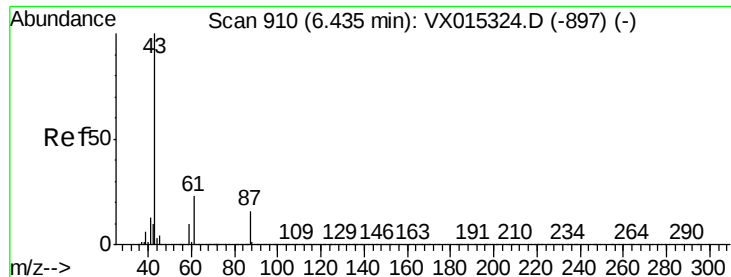
Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.6





#43

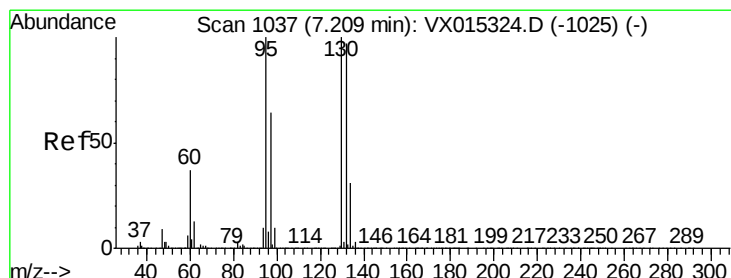
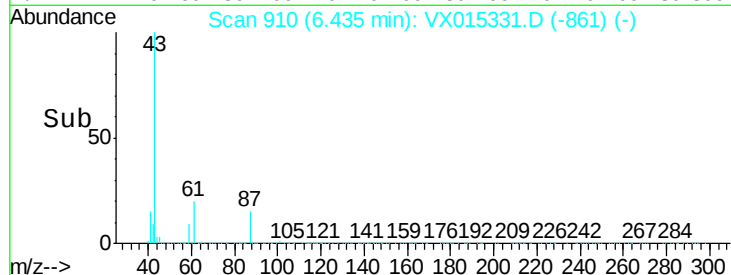
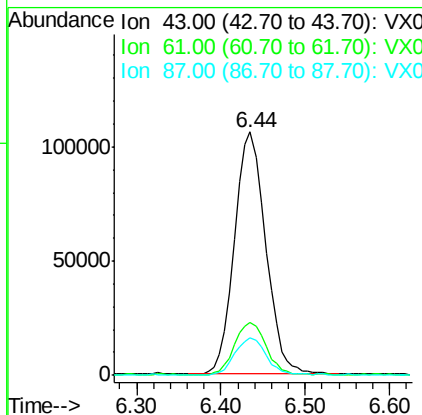
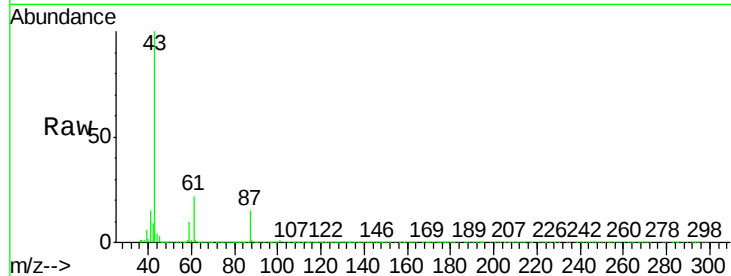
Isopropyl Acetate
 Concen: 18.840 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.6	18.2	27.2
87	15.7	12.3	18.5

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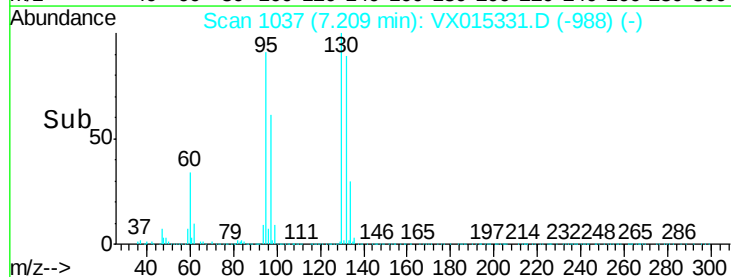
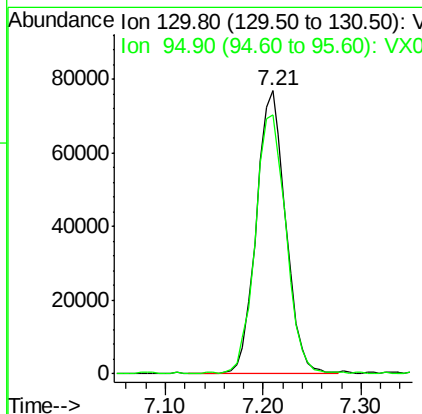
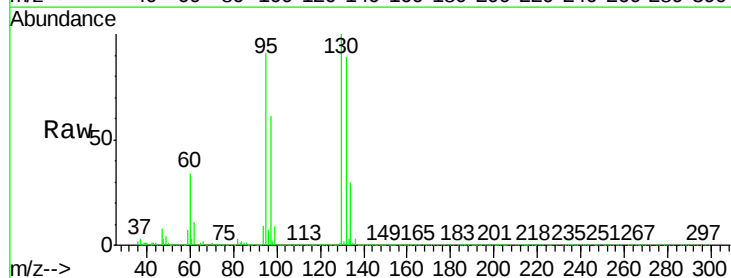
MMDadoda
 3/19/2020 12:01:05 PM

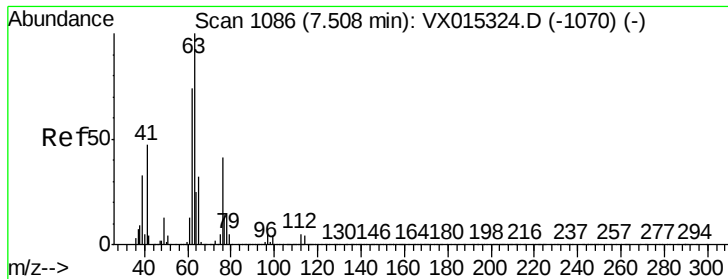


#44

Trichloroethene
 Concen: 18.605 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	200.4





#45

1,2-Dichloropropane

Concen: 19.456 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

Tot Ion: 63 Resp: 143416

Ion Ratio Lower Upper

63 100

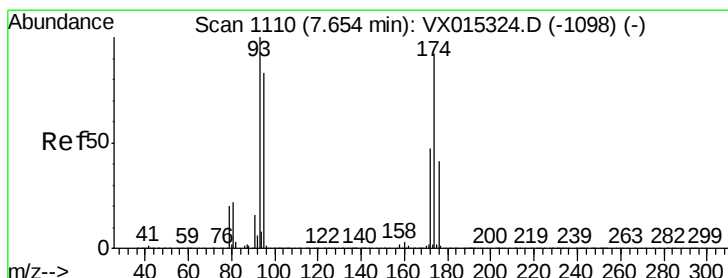
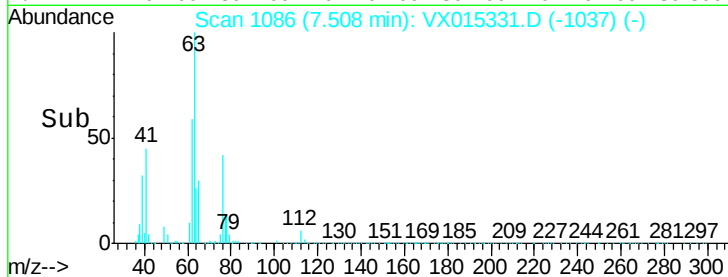
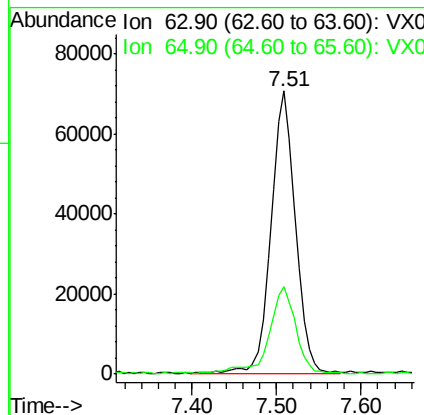
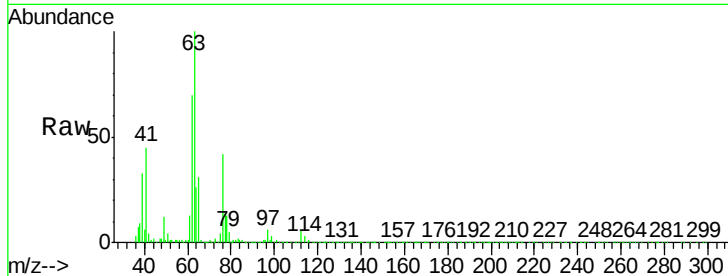
65 30.6 25.1 37.7

Manual Integrations

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3/19/2020 12:01:05 PM



#46

Dibromomethane

Concen: 18.980 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

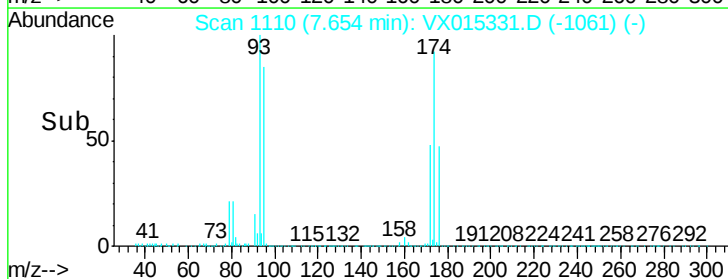
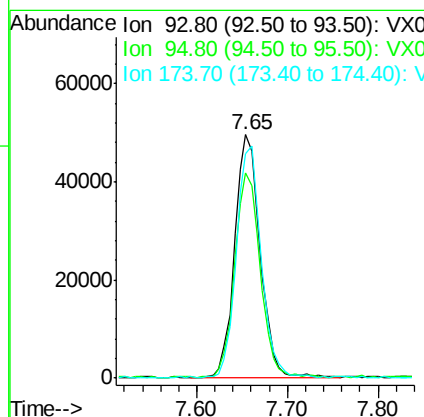
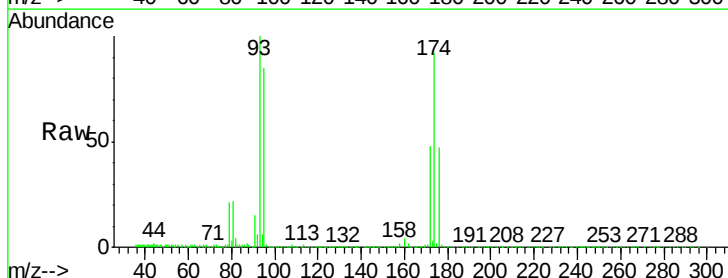
Tgt Ion: 93 Resp: 97891

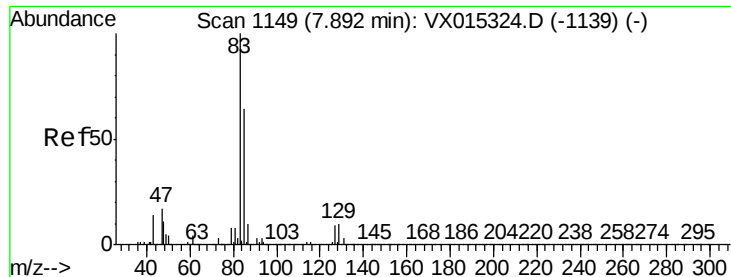
Ion Ratio Lower Upper

93 100

95 83.7 66.3 99.5

174 92.7 74.2 111.2





#47

Bromodichloromethane

Concen: 18.919 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

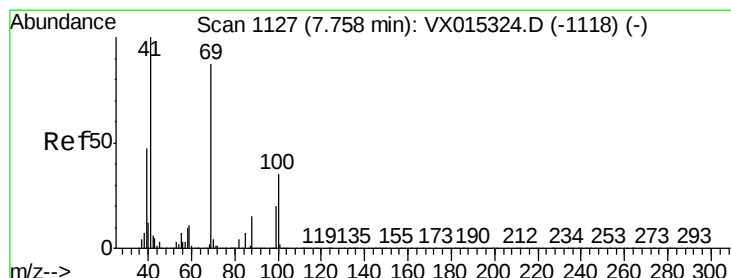
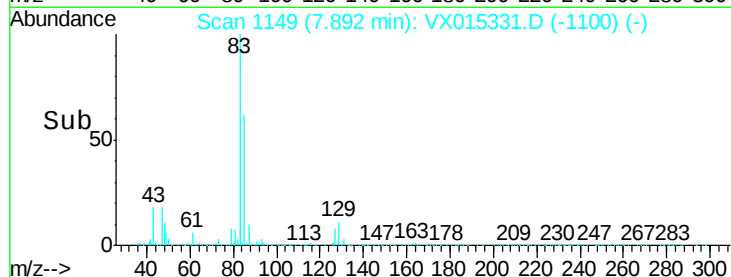
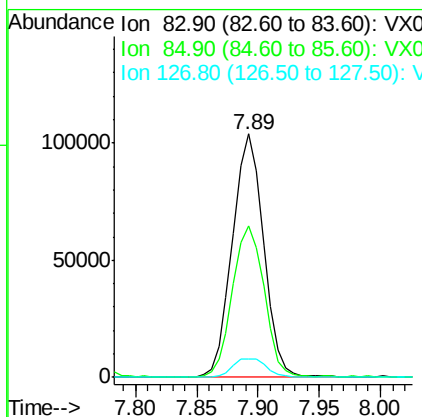
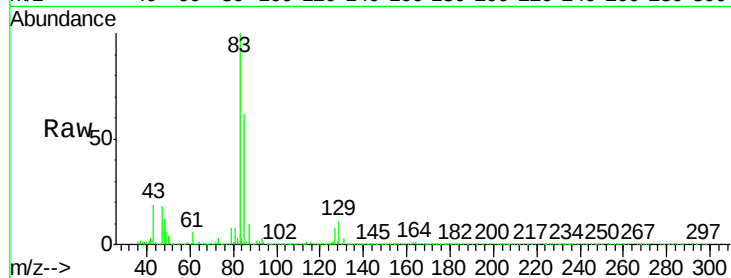
ClientSampleId :

VX0318WBSD01

Tot Ion:	83	Resp:	183243
Ion Ratio	Lower	Upper	
83	100		
85	61.9	51.0	76.6
127	7.6	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.747 ug/l

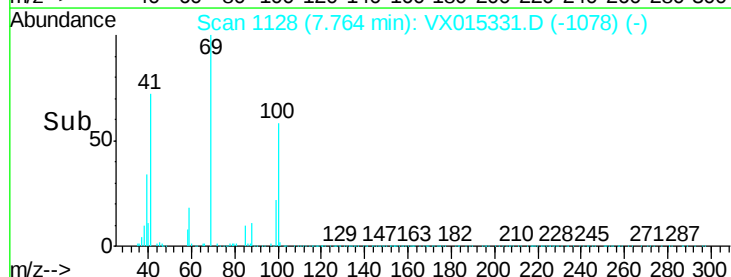
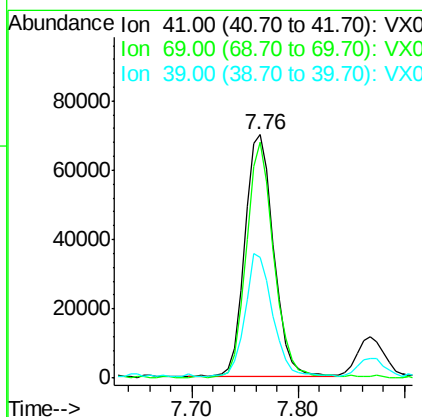
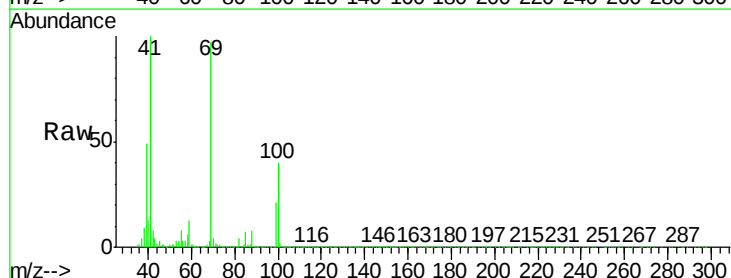
RT: 7.76 min Scan# 1128

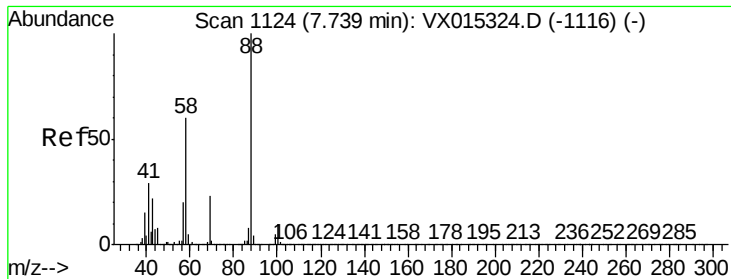
Delta R.T. 0.01 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Tgt Ion:	41	Resp:	133762
Ion Ratio	Lower	Upper	
41	100		
69	91.3	74.4	111.6
39	48.6	39.2	58.8





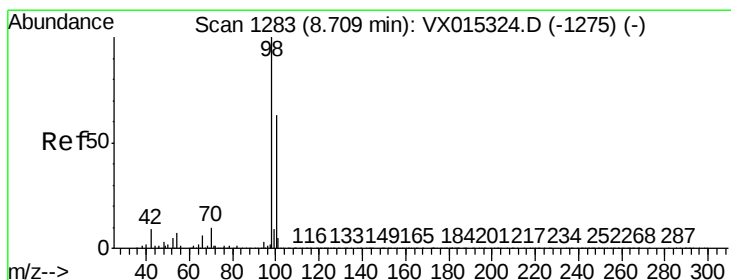
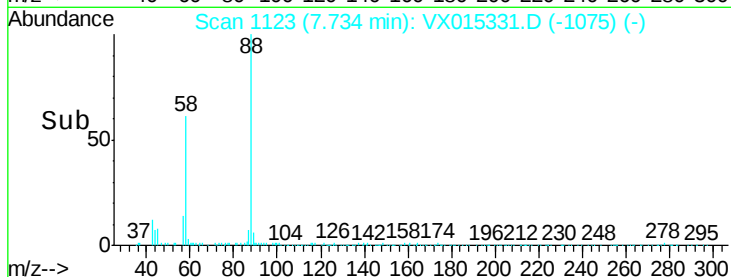
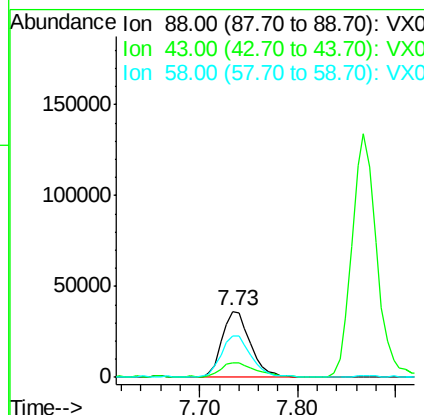
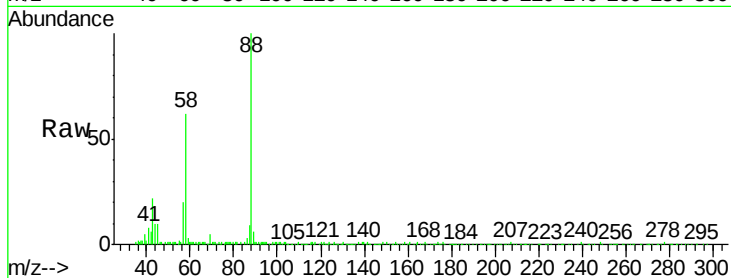
#49
1,4-Dioxane
Concen: 390.606 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.3	20.7	31.1
58	65.6	53.9	80.9

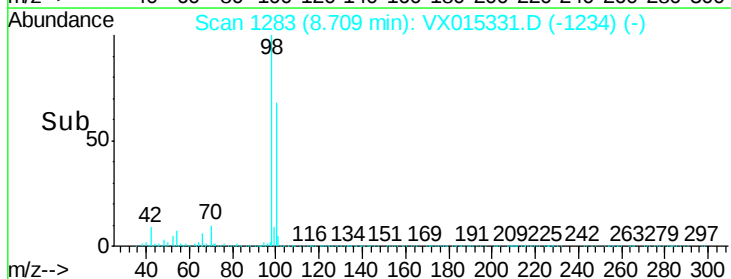
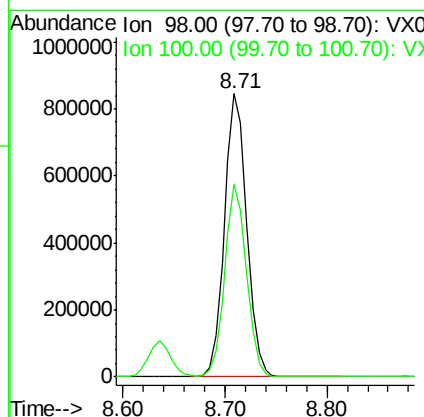
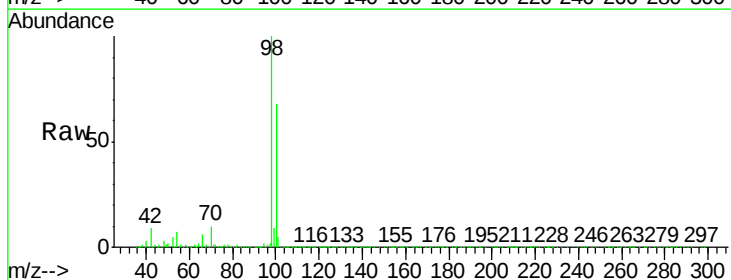
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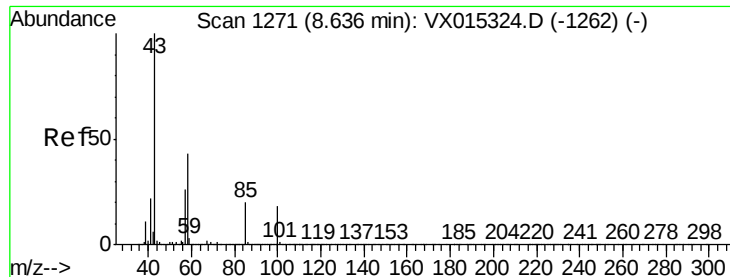
MMDadoda
3/19/2020 12:01:05 PM



#50
Toluene-d8
Concen: 49.062 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 100.331 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

Tot Ion: 43 Resp: 876577

Ion Ratio Lower Upper

43 100

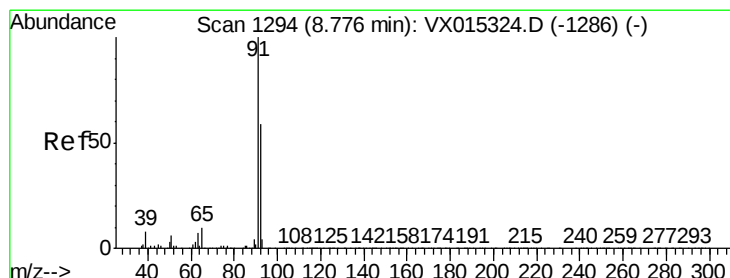
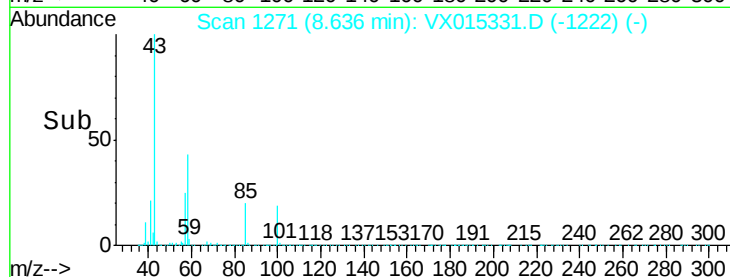
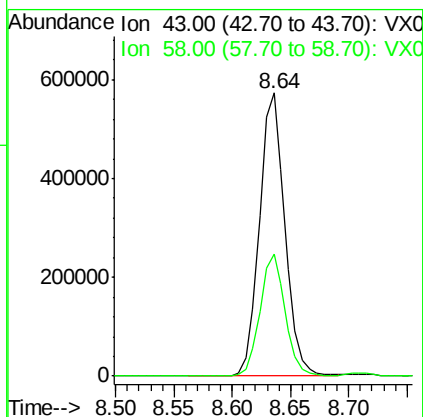
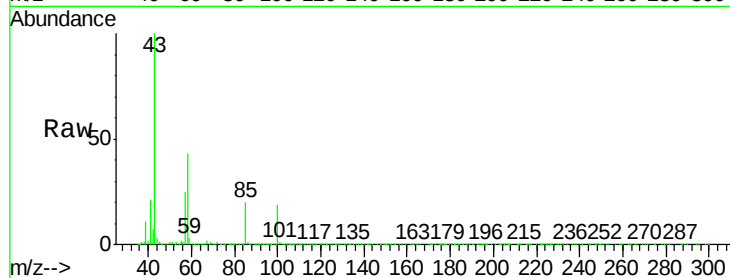
58 42.3 34.6 51.8

Manual Integrations

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3/19/2020 12:01:05 PM



#52

Toluene

Concen: 19.293 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015331.D

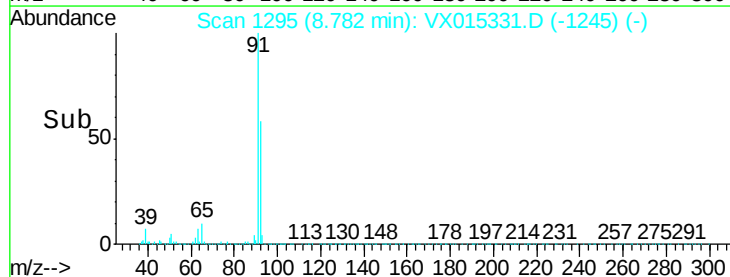
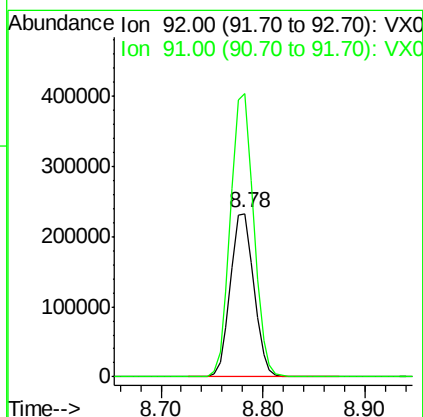
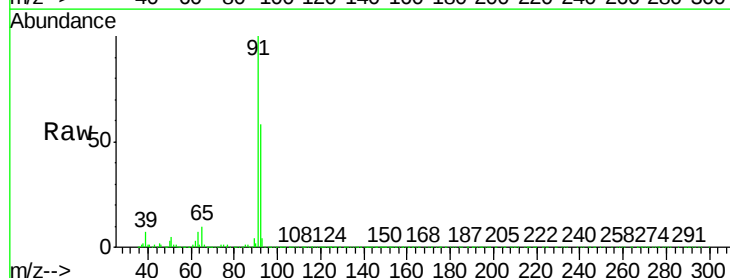
Acq: 18 Mar 2020 18:11

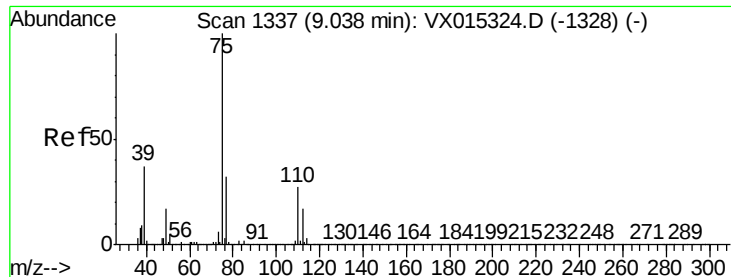
Tgt Ion: 92 Resp: 369964

Ion Ratio Lower Upper

92 100

91 171.9 136.4 204.6





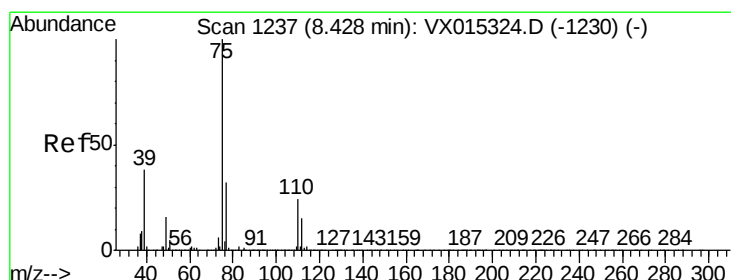
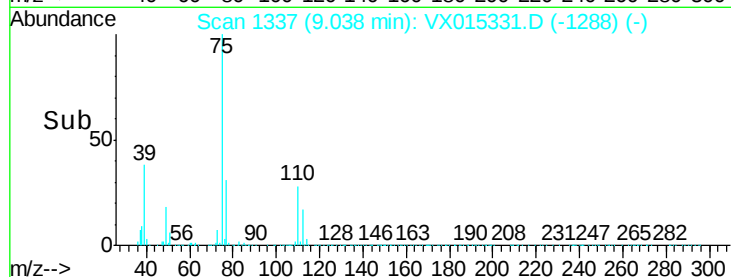
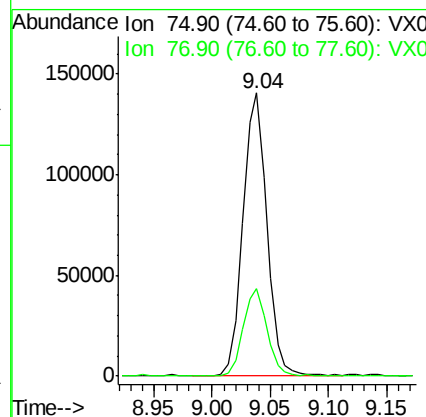
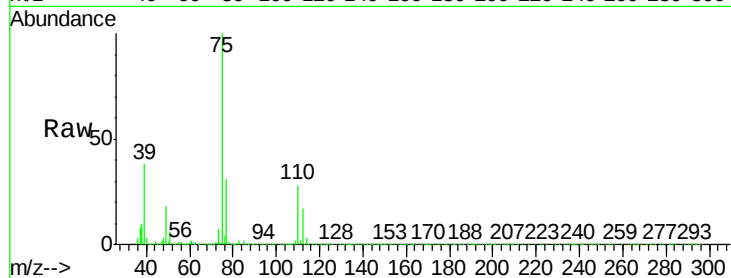
#53
t-1,3-Dichloropropene
Concen: 19.316 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.8	38.8

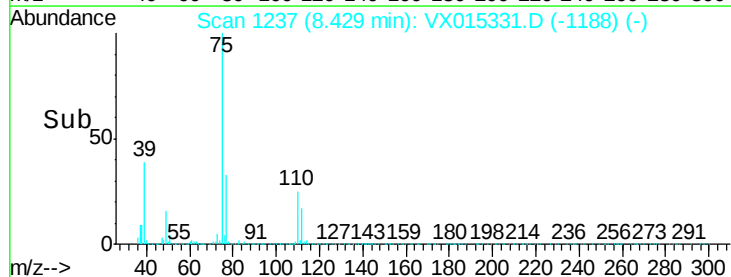
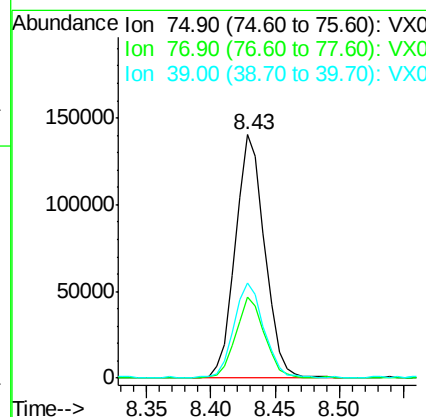
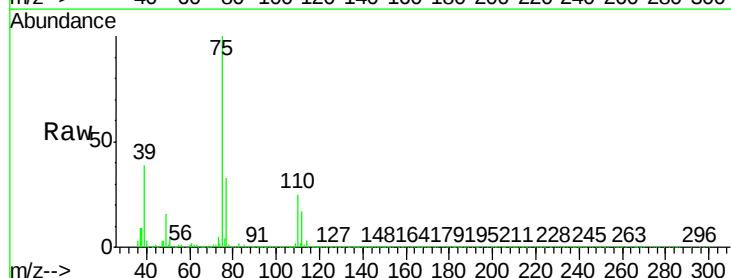
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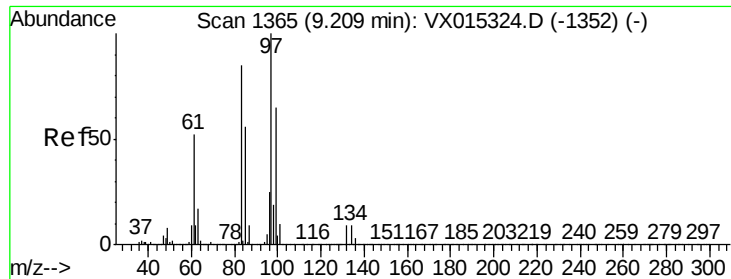
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3/19/2020 12:01:05 PM



#54
cis-1,3-Dichloropropene
Concen: 18.923 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.7	38.5
39	38.6	30.2	45.2





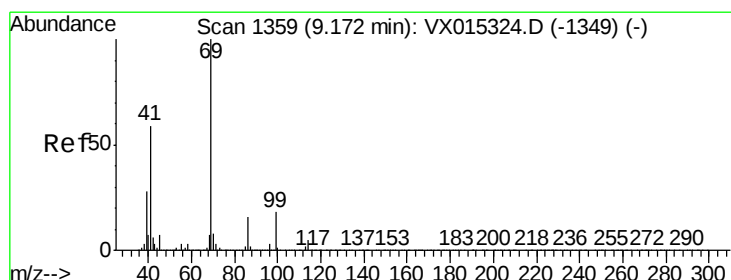
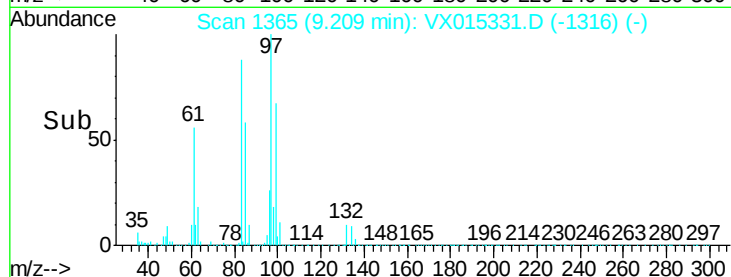
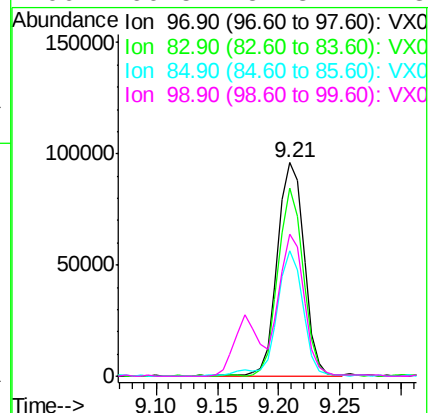
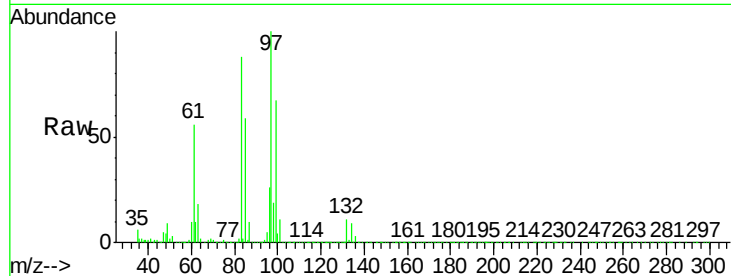
#55
 1,1,2-Trichloroethane
 Concen: 17.972 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		146122		
83	88.2	67.7	101.5		
85	58.6	44.5	66.7		
99	66.5	51.8	77.8		

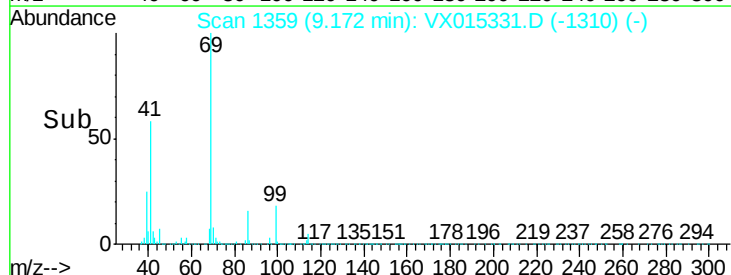
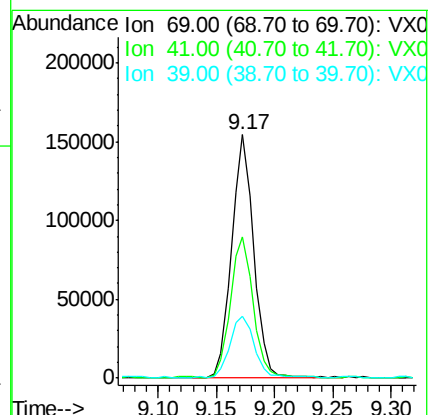
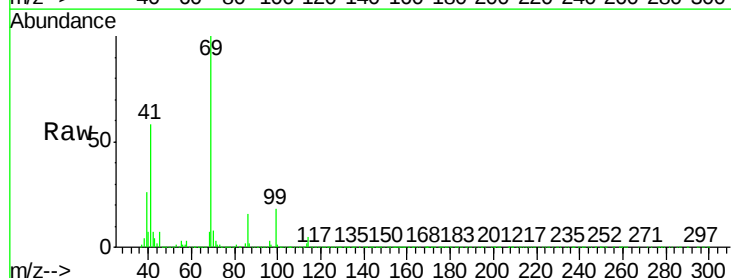
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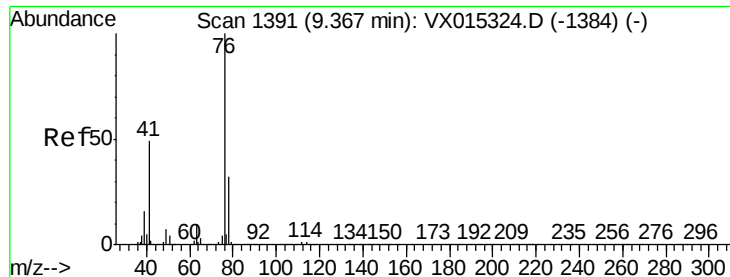
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 3/19/2020 12:01:05 PM



#56
 Ethyl methacrylate
 Concen: 19.271 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		204086		
41	58.6	47.5	71.3		
39	27.7	23.0	34.4		





#57

1,3-Dichloropropane

Concen: 18.054 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

Tot Ion: 76 Resp: 240730

Ion Ratio Lower Upper

76 100

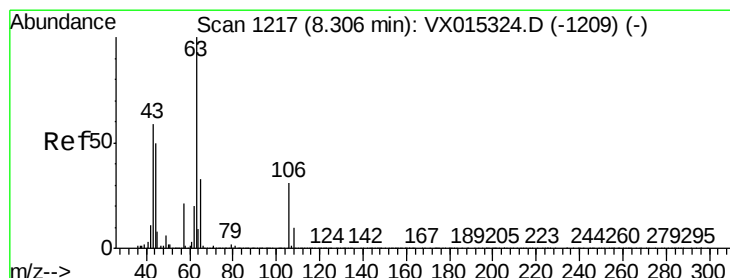
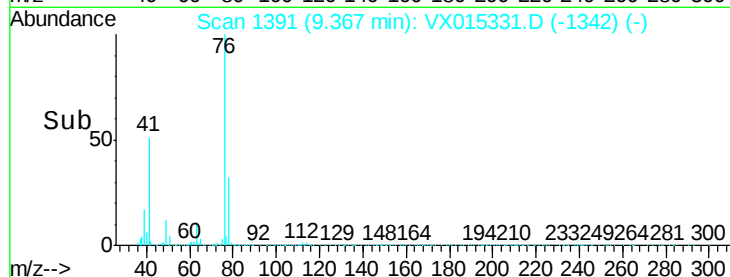
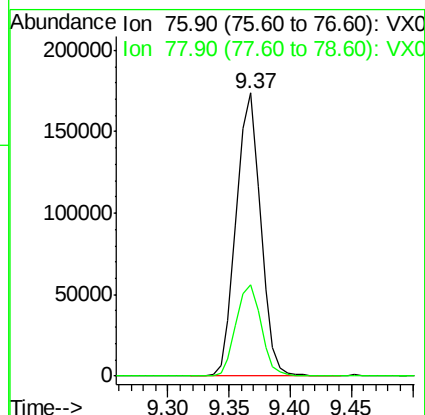
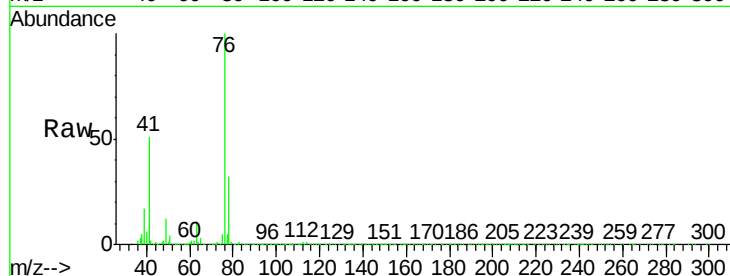
78 33.1 25.5 38.3

Manual Integrations

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3/19/2020 12:01:05 PM



#58

2-Chloroethyl Vinyl ether

Concen: 119.889 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015331.D

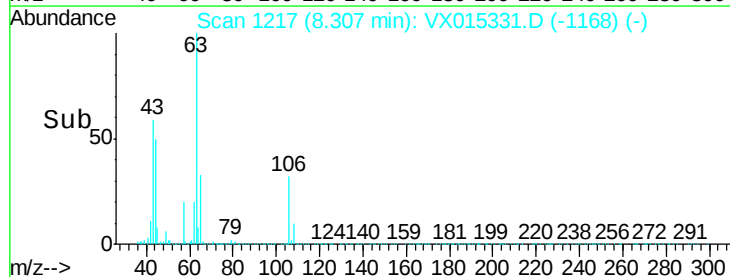
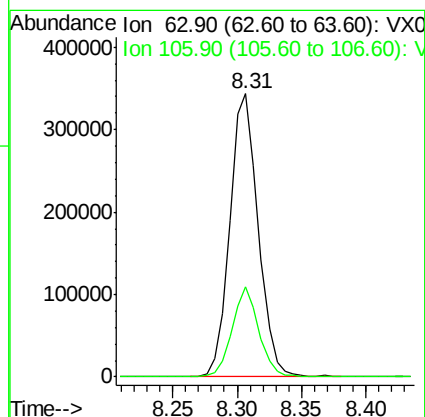
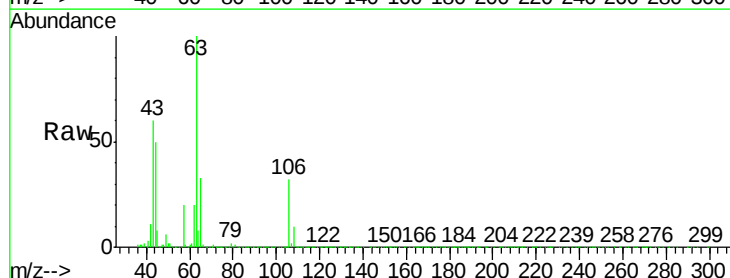
Acq: 18 Mar 2020 18:11

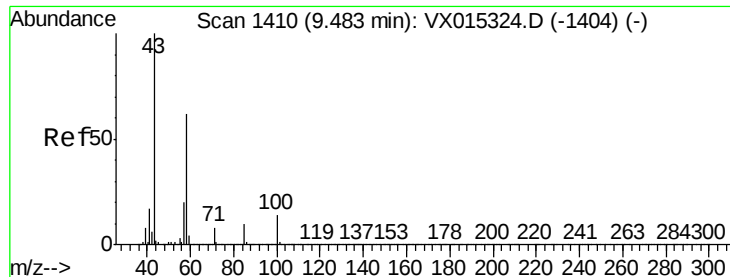
Tgt Ion: 63 Resp: 528612

Ion Ratio Lower Upper

63 100

106 29.9 24.3 36.5





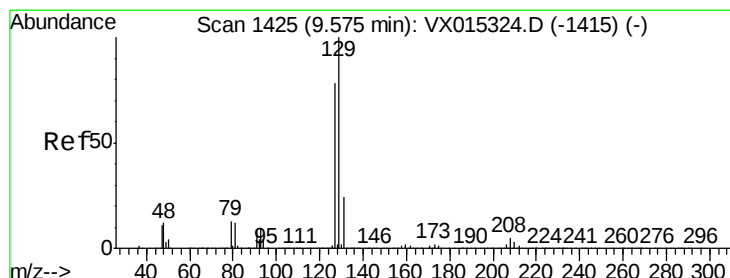
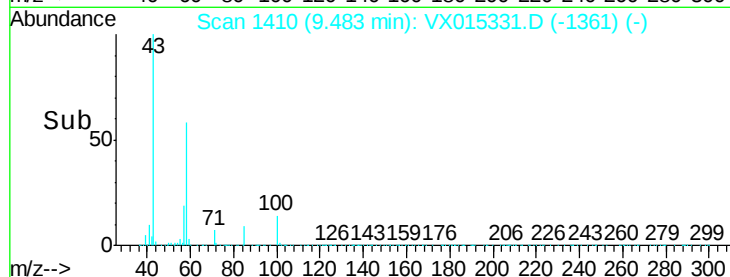
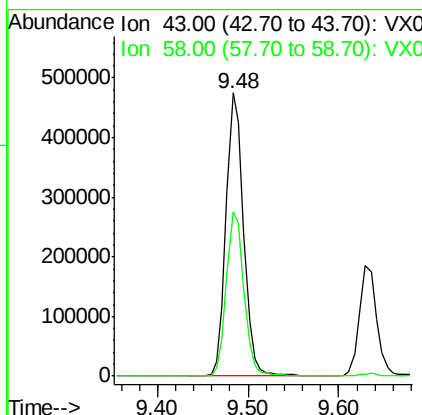
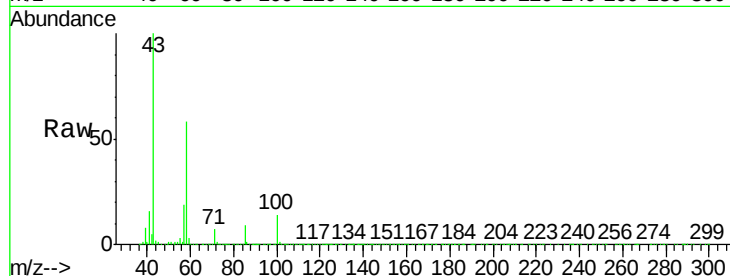
#59
2-Hexanone
Concen: 98.849 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion: 43 Resp: 641899
Ion Ratio Lower Upper
43 100
58 58.5 30.3 90.8

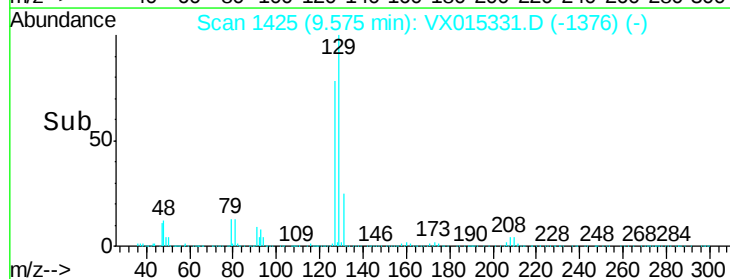
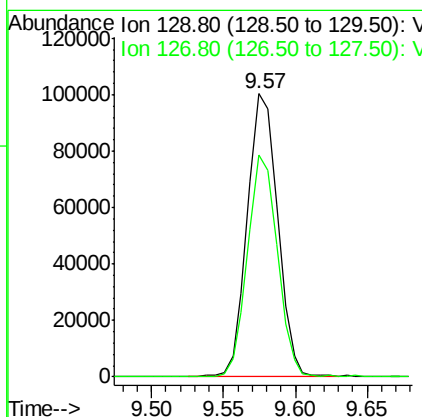
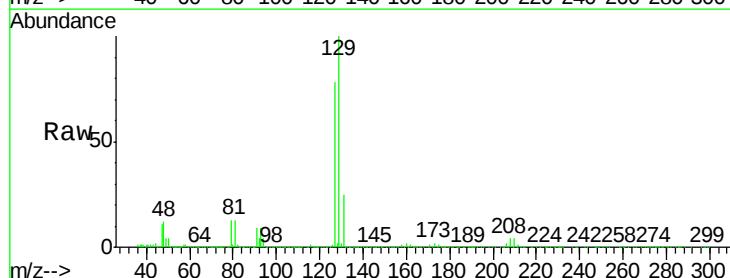
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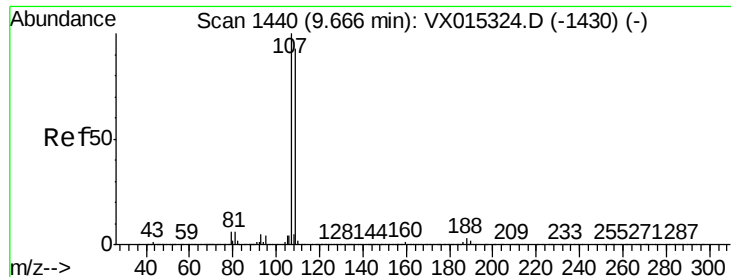
MMDadoda
3/19/2020 12:01:05 PM



#60
Dibromochloromethane
Concen: 18.444 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion: 129 Resp: 146011
Ion Ratio Lower Upper
129 100
127 77.1 39.3 117.9





#61

1,2-Dibromoethane

Concen: 18.646 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

Tot Ion: 107 Resp: 154418

Ion Ratio Lower Upper

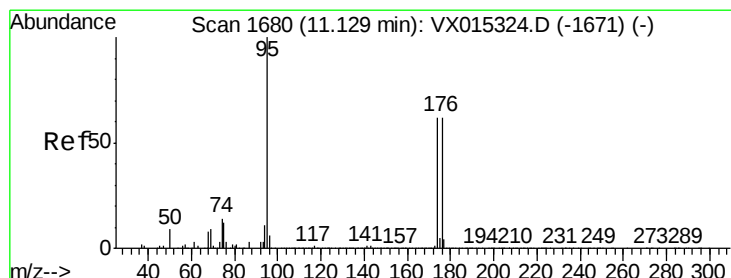
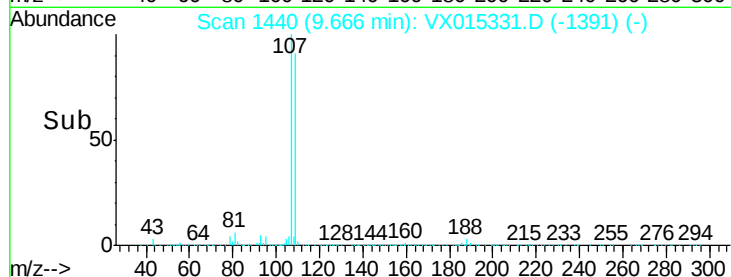
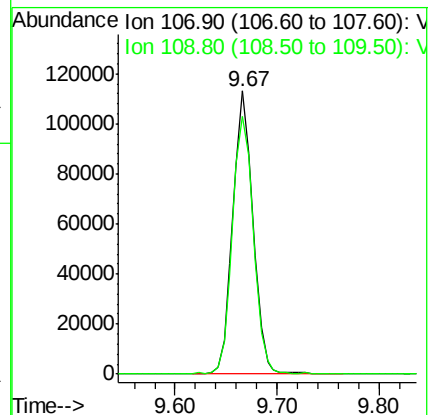
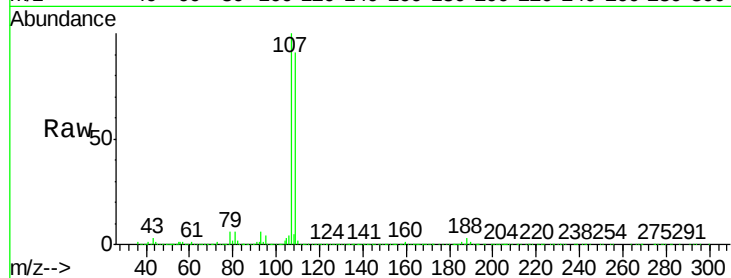
107 100

109 94.6 75.1 112.7

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3/19/2020 12:01:05 PM



#62

4-Bromofluorobenzene

Concen: 46.263 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

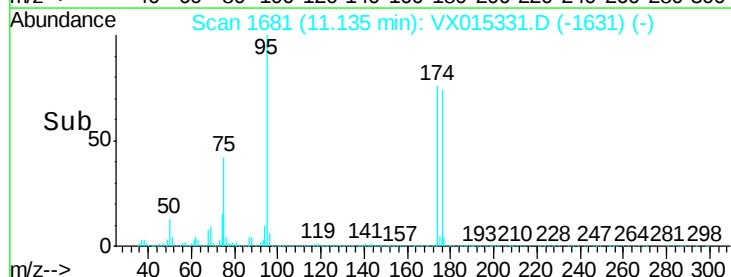
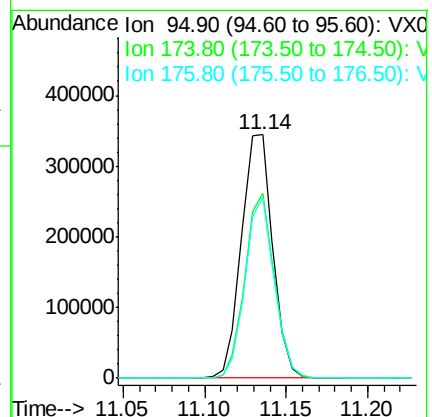
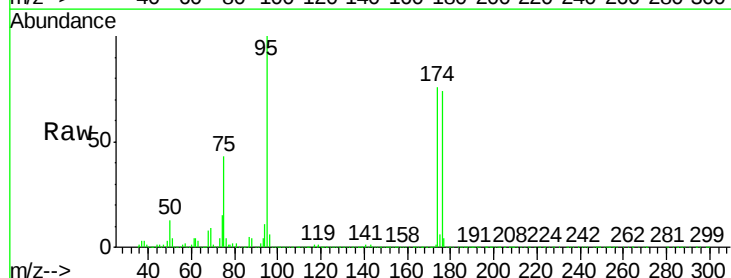
Tgt Ion: 95 Resp: 458701

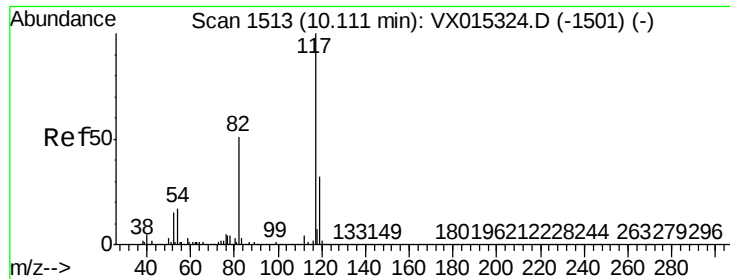
Ion Ratio Lower Upper

95 100

174 71.9 0.0 145.6

176 69.7 0.0 141.6





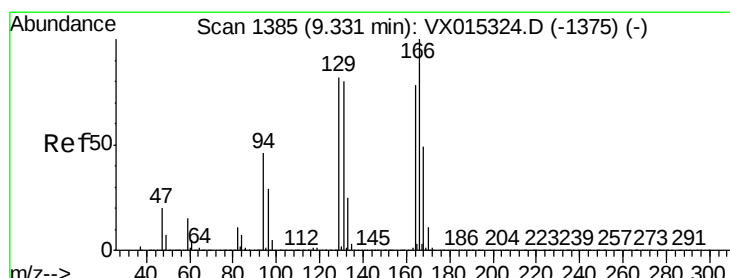
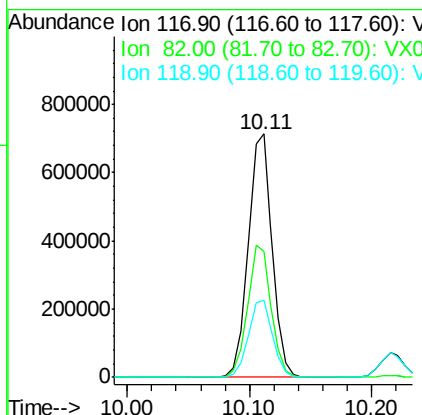
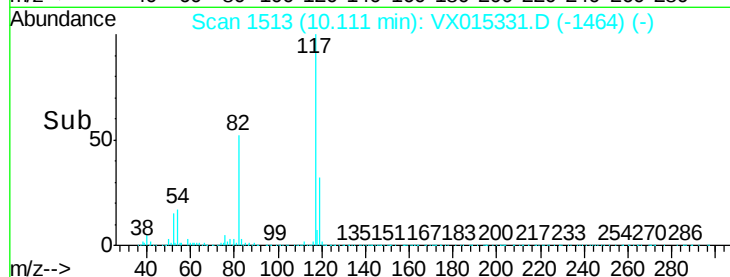
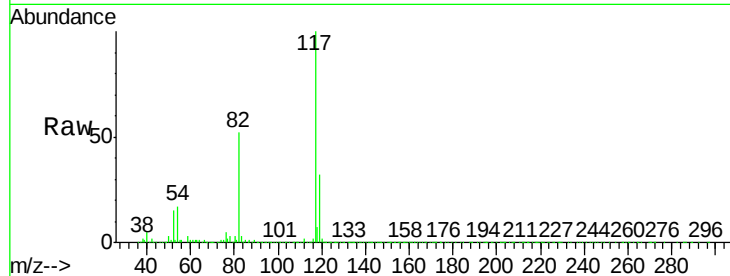
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	971969		
82	51.9	40.6	60.8	
119	31.7	25.4	38.2	

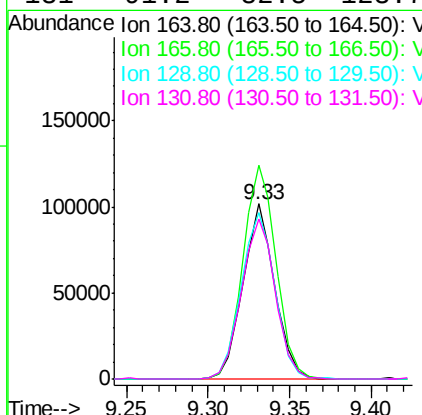
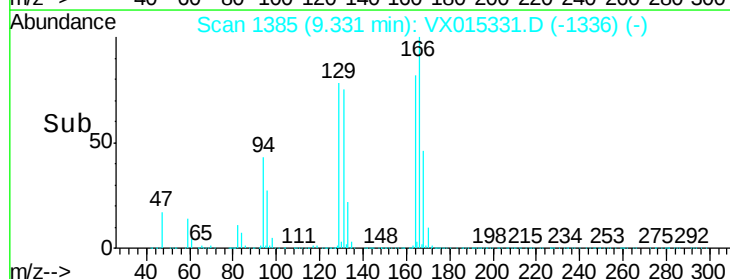
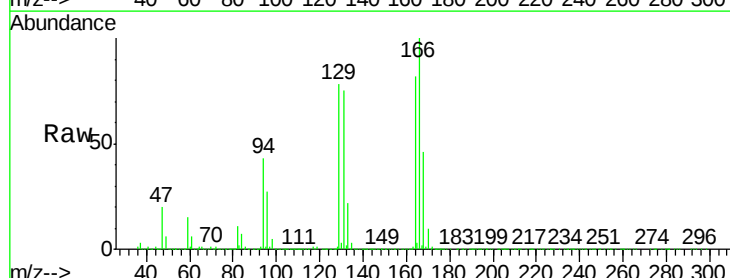
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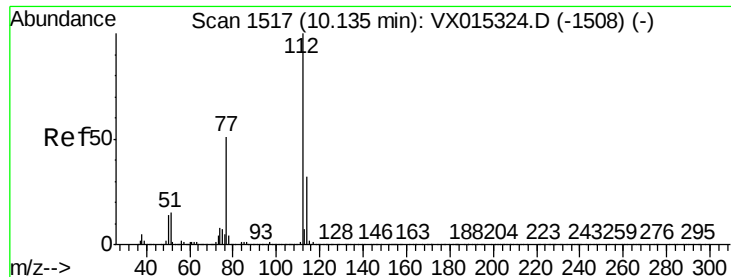
MMDadoda
3/19/2020 12:01:05 PM



#64
Tetrachloroethene
Concen: 19.367 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	136921		
166	122.2	102.6	153.8	
129	95.1	84.5	126.7	
131	91.2	82.5	123.7	





#65

Chlorobenzene

Concen: 19.208 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

Tot Ion:112 Resp: 393371

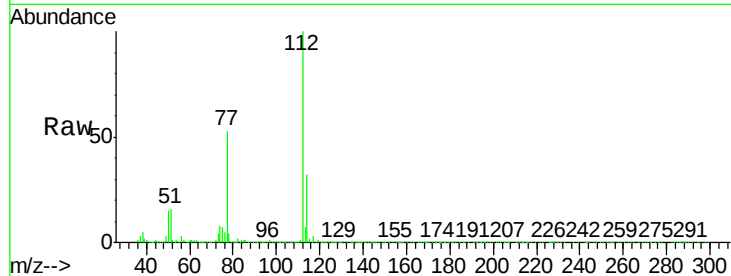
Ion Ratio Lower Upper

112 100

114 31.7 25.6 38.4

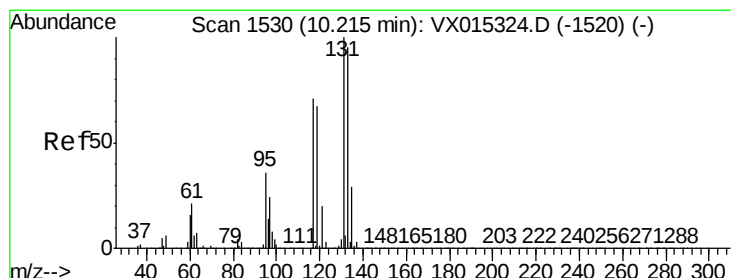
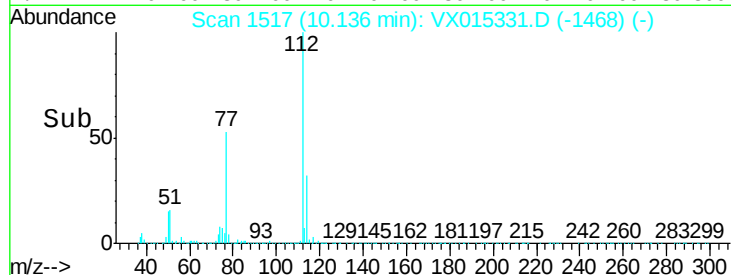
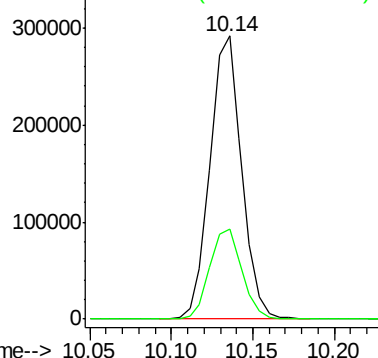
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.328 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

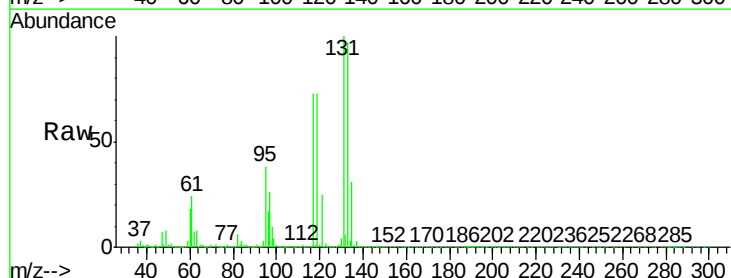
Tgt Ion:131 Resp: 135606

Ion Ratio Lower Upper

131 100

133 96.4 48.1 144.4

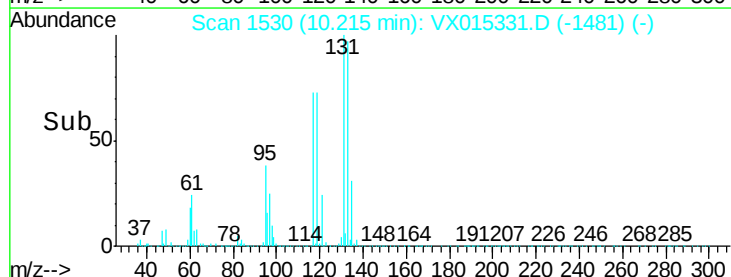
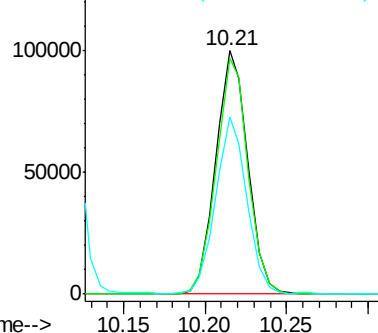
119 70.2 33.8 101.3

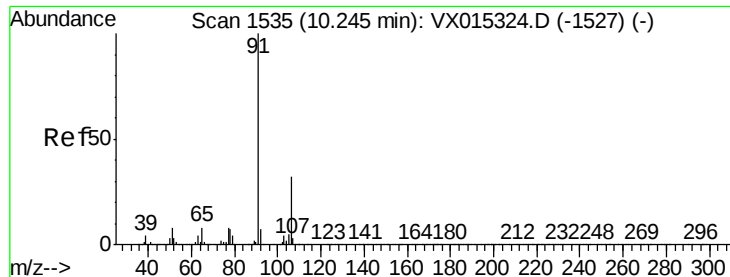


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





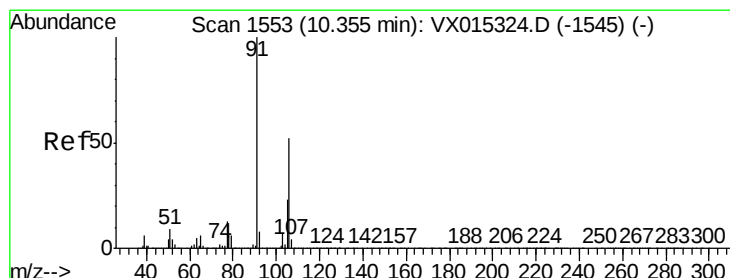
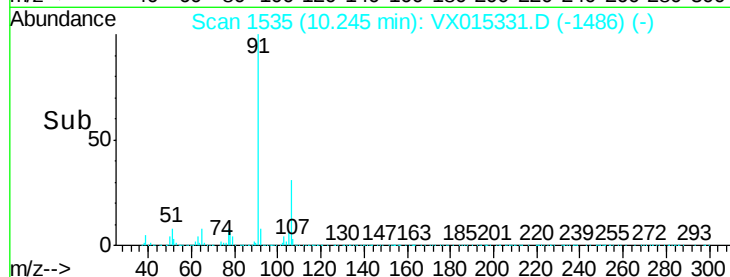
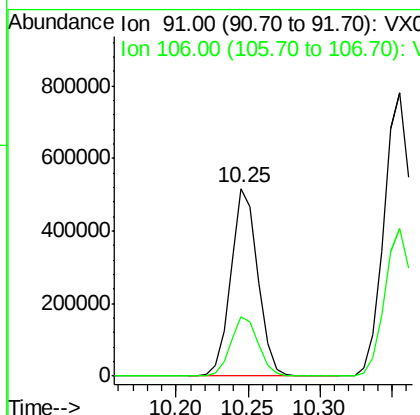
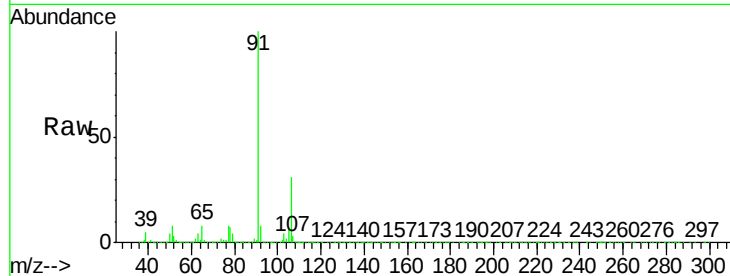
#67
Ethyl Benzene
Concen: 19.601 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion: 91 Resp: 683823
Ion Ratio Lower Upper
91 100
106 31.3 25.8 38.6

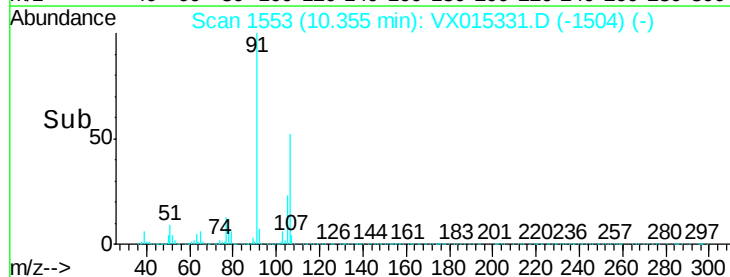
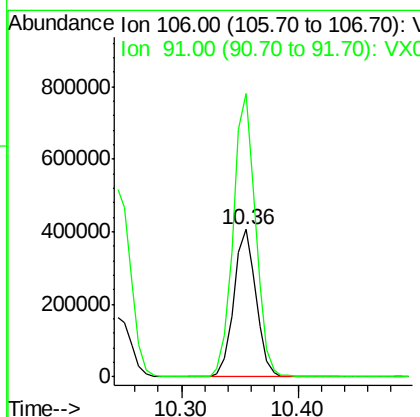
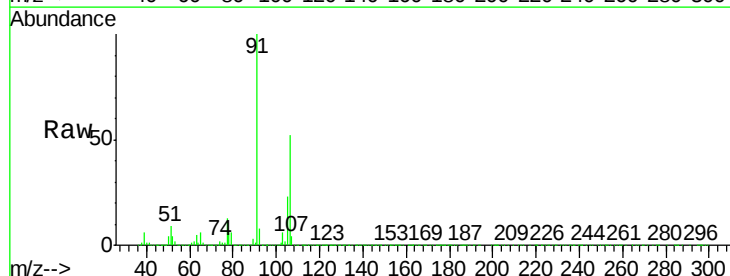
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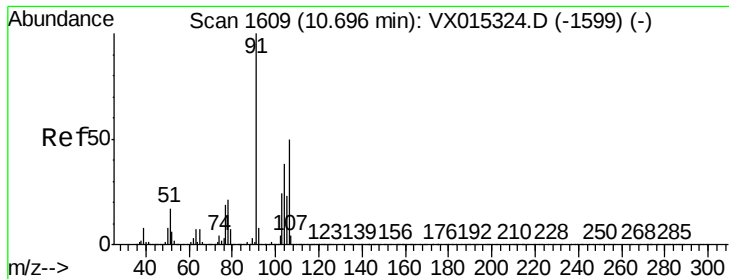
MMDadoda
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#68
m/p-Xylenes
Concen: 40.521 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion: 106 Resp: 538972
Ion Ratio Lower Upper
106 100
91 193.7 155.1 232.7





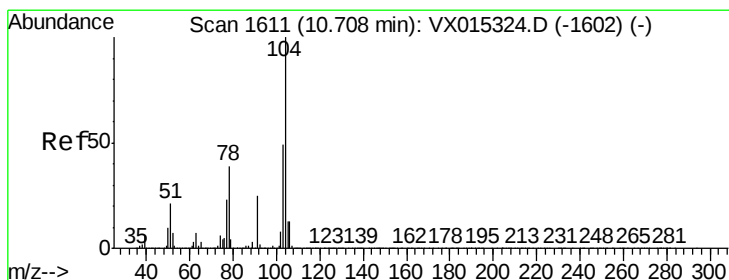
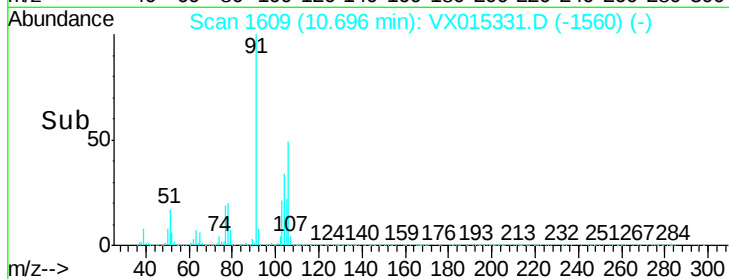
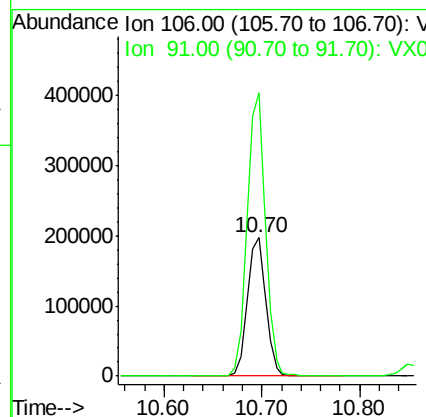
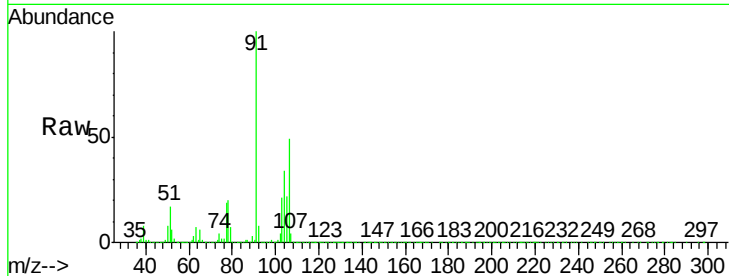
#69
o-Xylene
Concen: 20.127 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	202.9	102.3	306.9

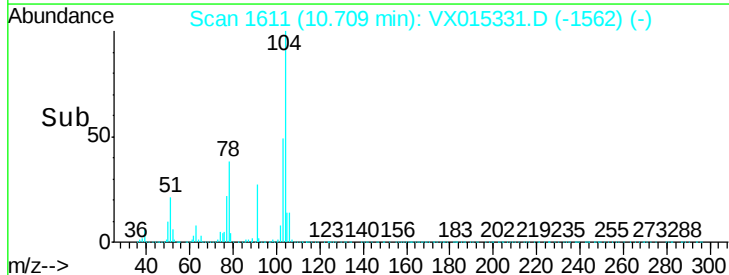
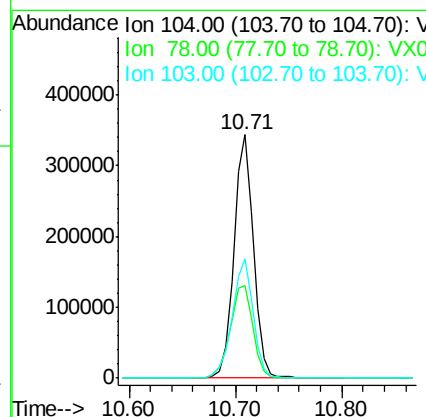
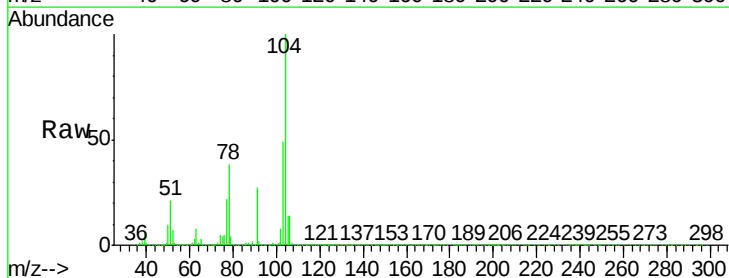
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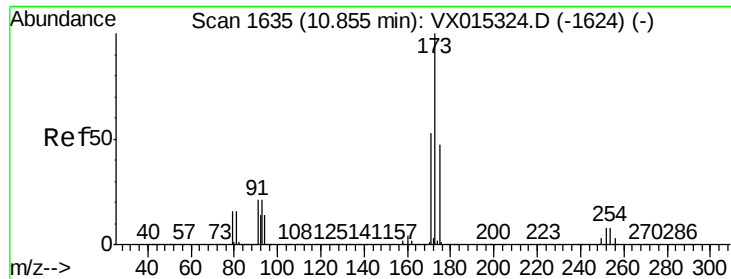
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#70
Styrene
Concen: 20.644 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
104	100		
78	44.3	36.0	54.0
103	52.9	43.4	65.0





#71

Bromoform

Concen: 19.002 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

Tot Ion:173 Resp: 91898

Ion Ratio Lower Upper

173 100

175 50.8 23.4 70.2

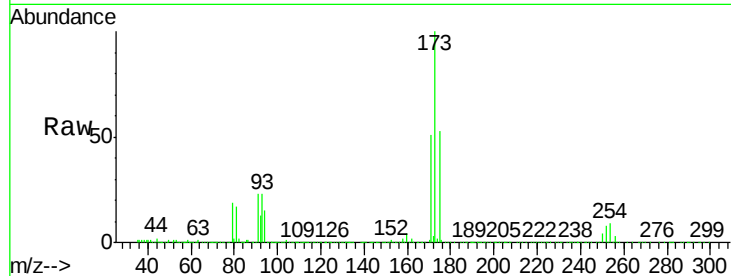
254 0.2 0.2 0.2

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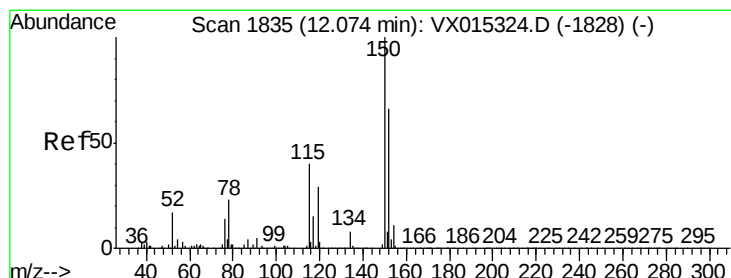
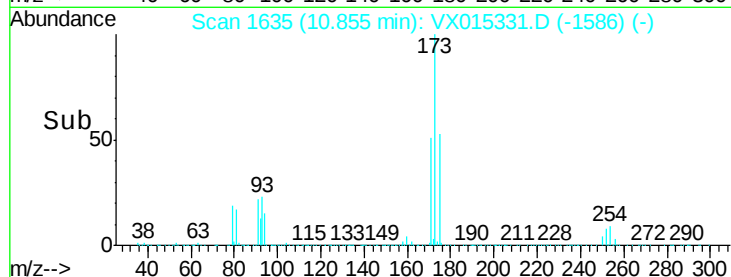
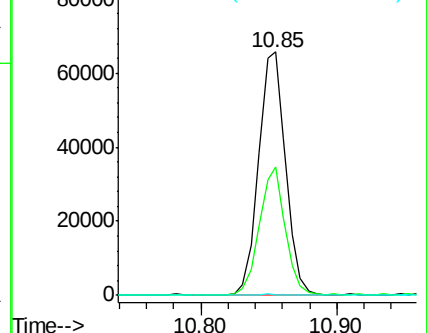
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

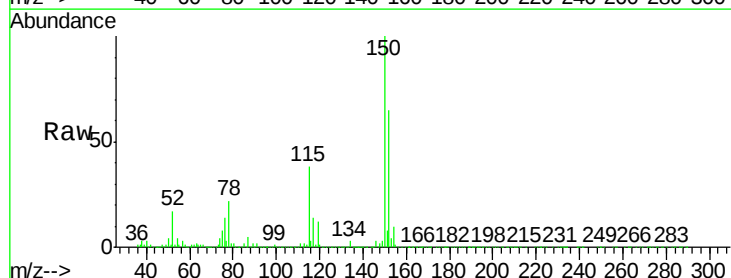
Tgt Ion:152 Resp: 465082

Ion Ratio Lower Upper

152 100

115 69.4 41.9 125.8

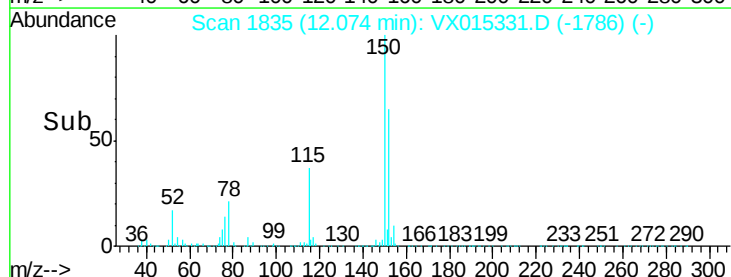
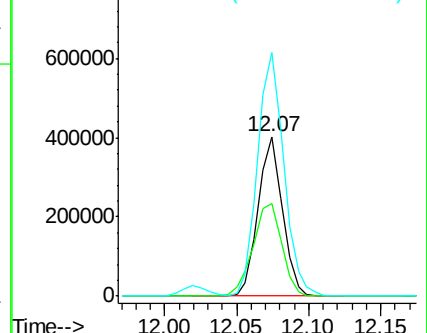
150 166.6 0.0 347.6

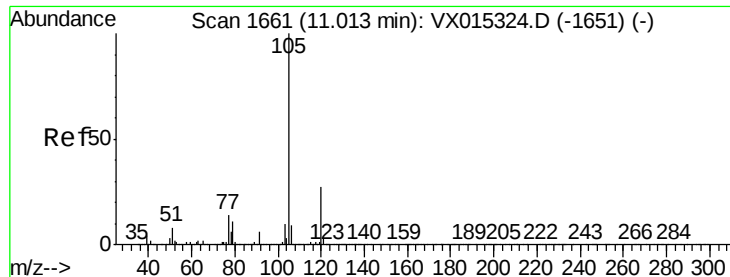


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.367 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

Tot Ion: 105 Resp: 678156

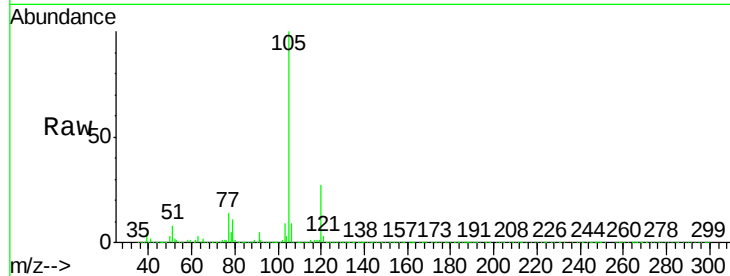
Ion Ratio Lower Upper

105 100

120 27.2 13.9 41.6

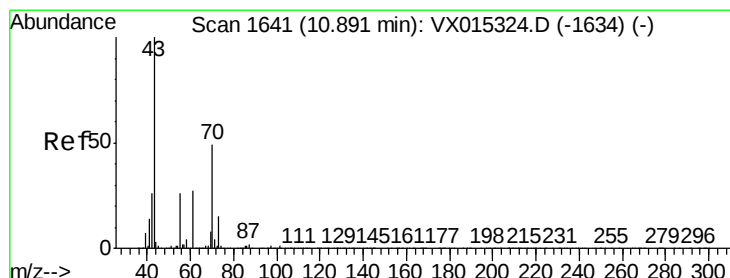
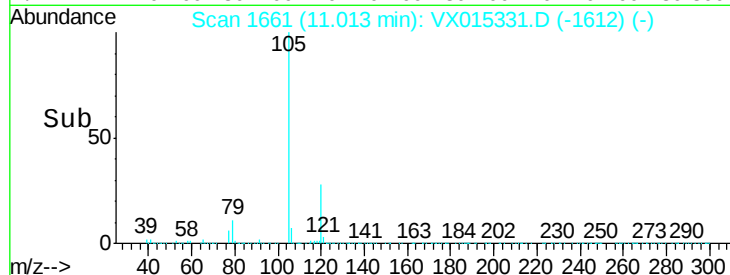
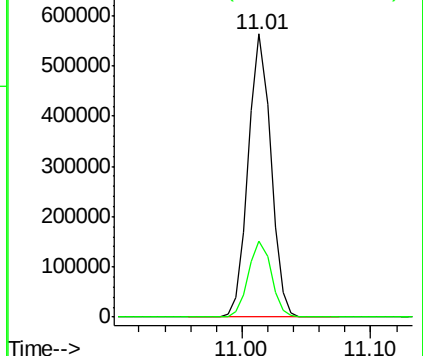
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.525 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Tgt Ion: 43 Resp: 233701

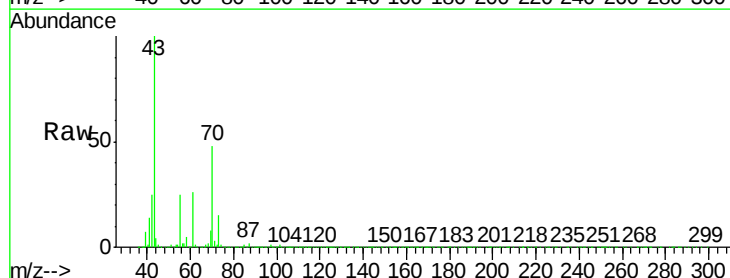
Ion Ratio Lower Upper

43 100

70 48.1 38.6 58.0

55 26.6 21.2 31.8

61 26.9 21.3 31.9

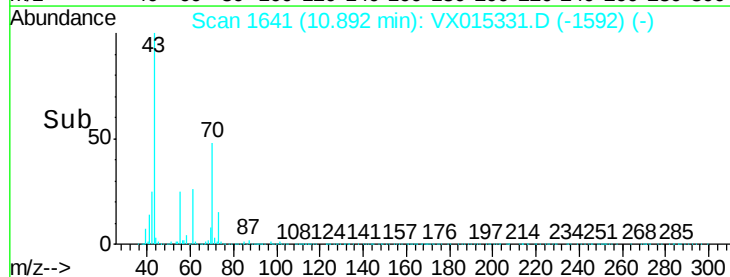
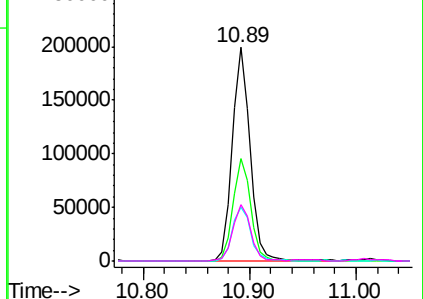


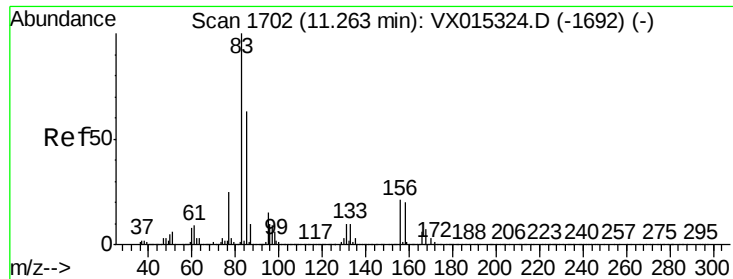
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.378 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

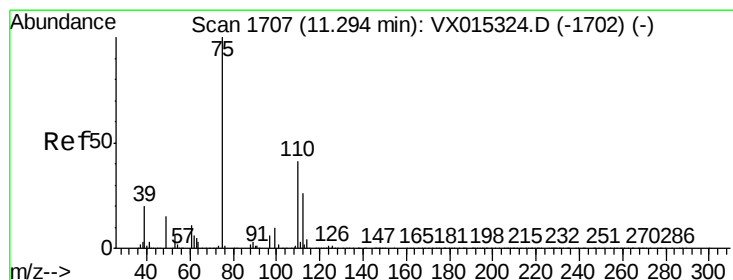
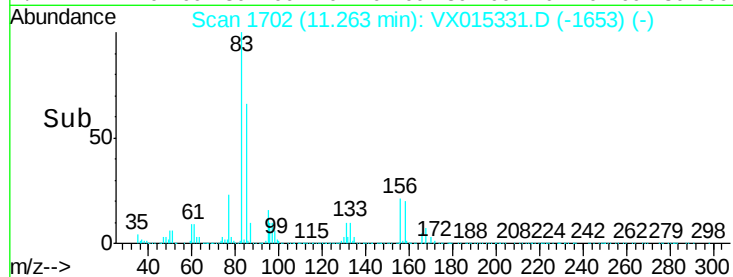
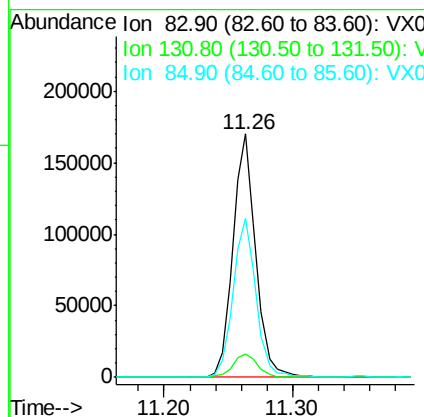
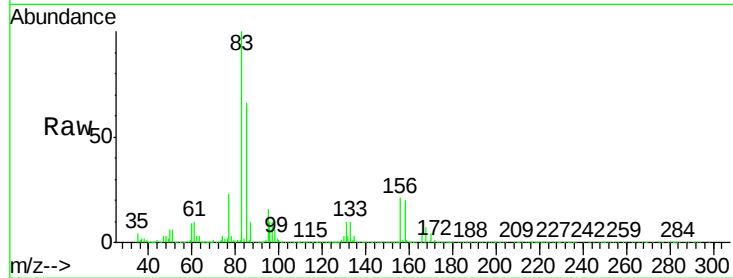
ClientSampleId :

VX0318WBSD01

Tot Ion:	83	Resp:	210096
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.2
85	65.8	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 18.071 ug/l m

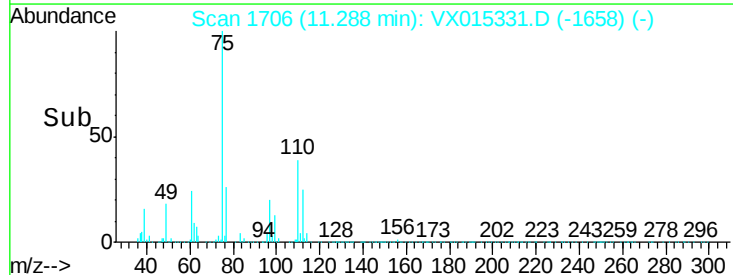
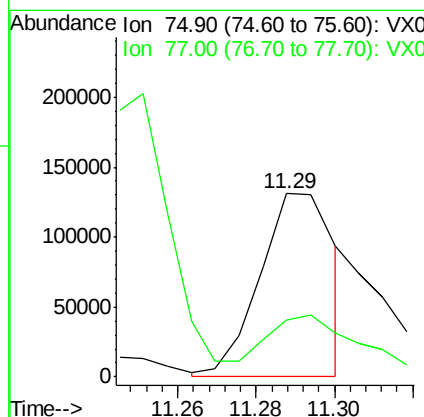
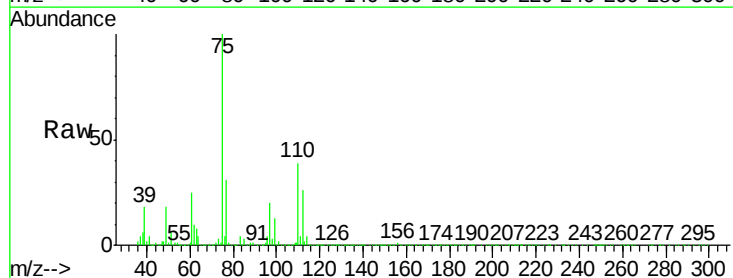
RT: 11.29 min Scan# 1706

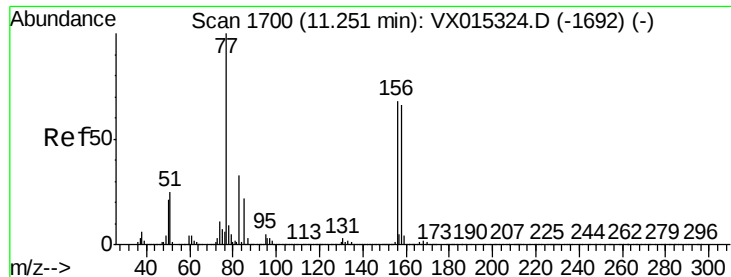
Delta R.T. -0.01 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Tgt Ion:	75	Resp:	171745
Ion Ratio	Lower	Upper	
75	100		
77	42.3	21.2	63.6





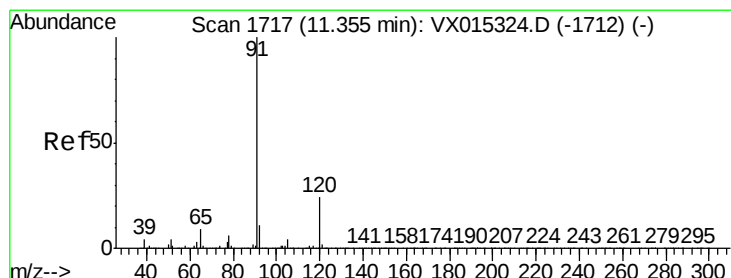
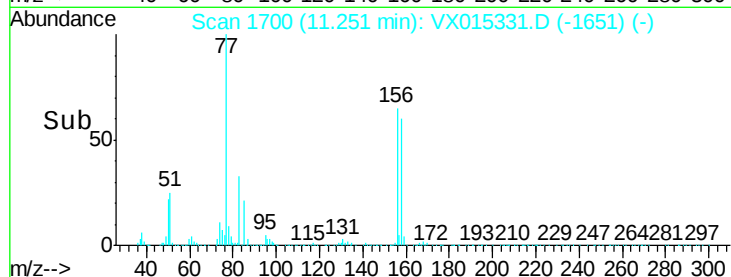
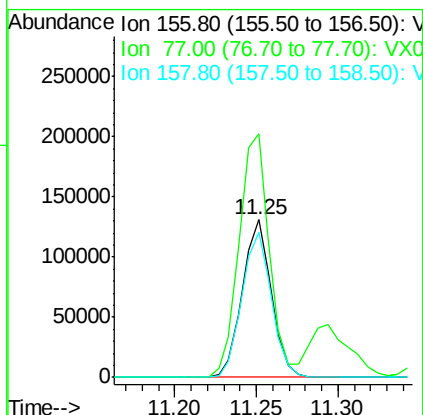
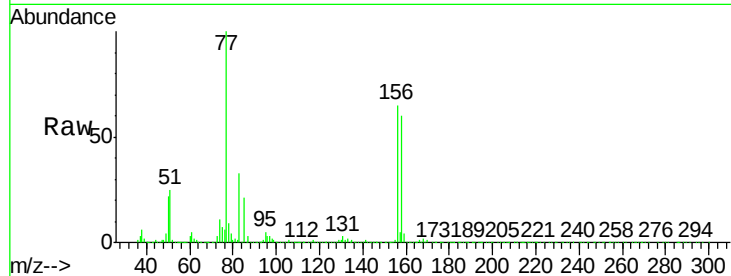
#77
Bromobenzene
Concen: 19.946 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	160.0	81.4	244.2
158	94.7	48.6	145.9

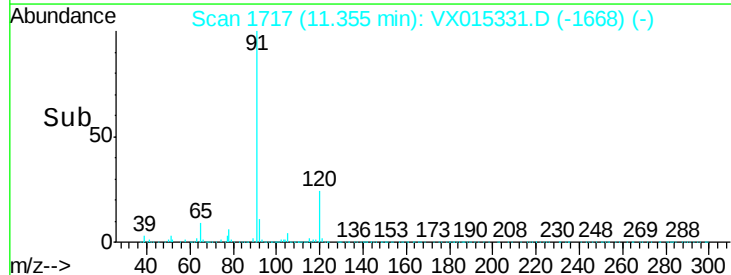
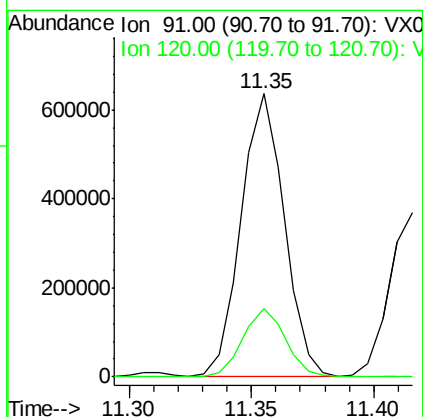
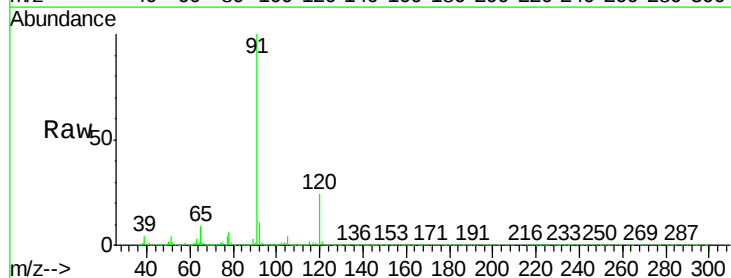
Manual Integrations
APPROVED

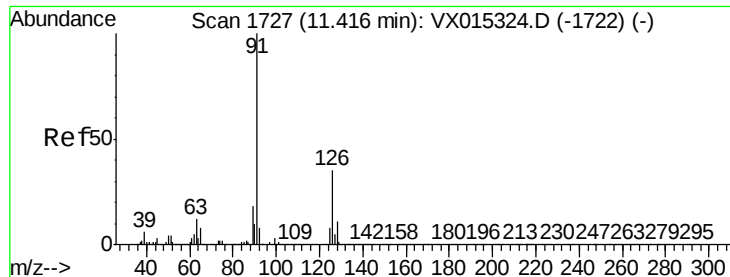
MMDadoda
3/19/2020 12:01:05 PM



#78
n-propylbenzene
Concen: 19.802 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.1	11.8	35.3





#79

2-Chlorotoluene

Concen: 19.746 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

Tot Ion: 91 Resp: 462861

Ion Ratio Lower Upper

91 100

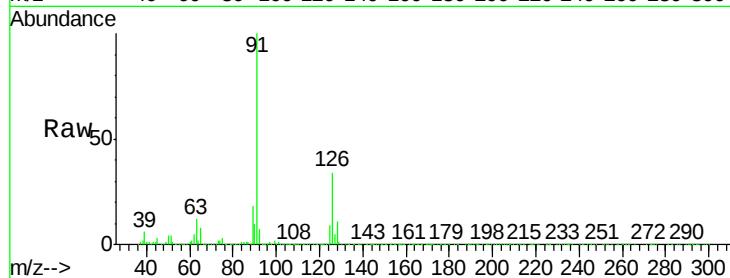
126 34.4 17.2 51.6

Manual Integrations

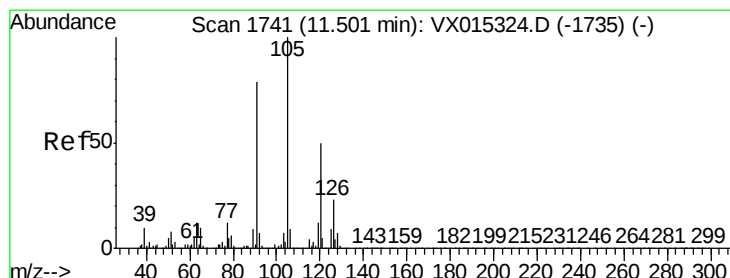
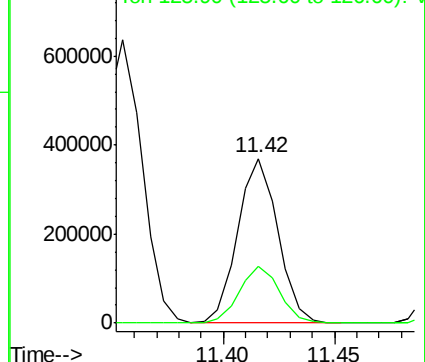
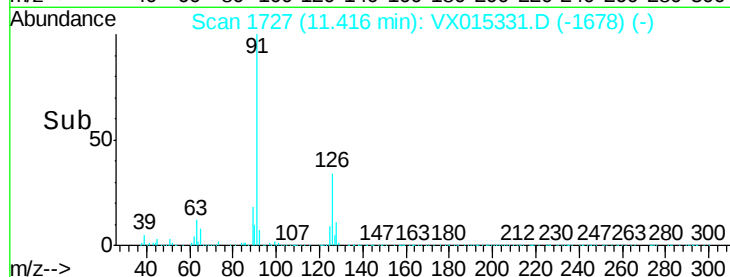
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Abundance Ion 91.00 (90.70 to 91.70): VX015331.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.030 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015331.D

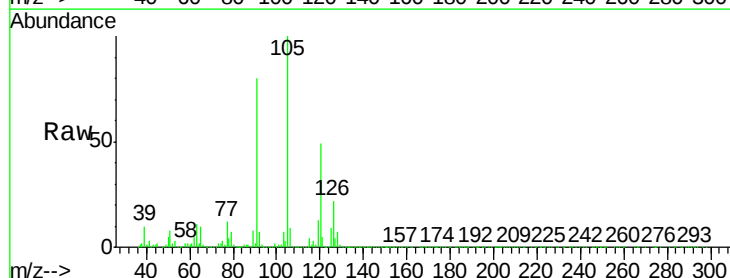
Acq: 18 Mar 2020 18:11

Tgt Ion: 105 Resp: 559072

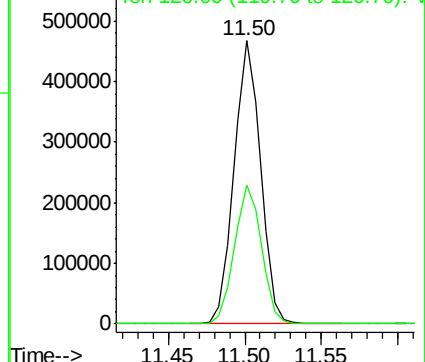
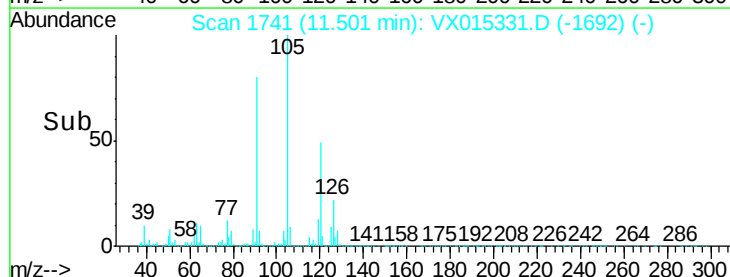
Ion Ratio Lower Upper

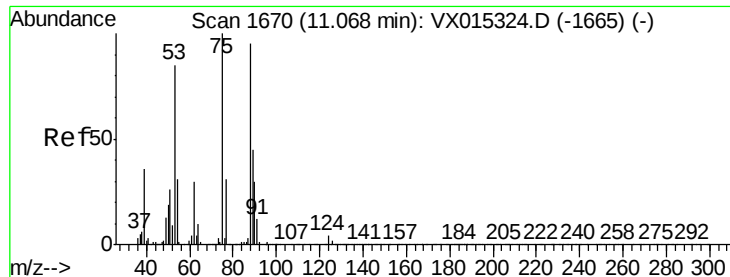
105 100

120 50.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX015331.D (-1692) (-)





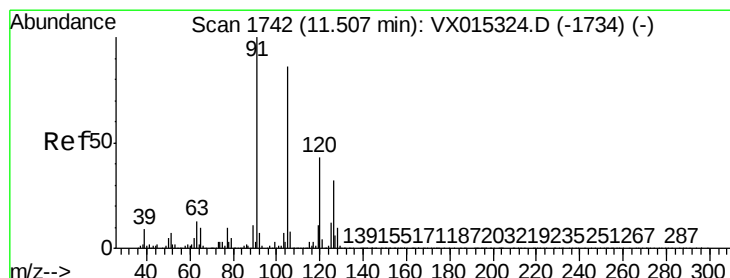
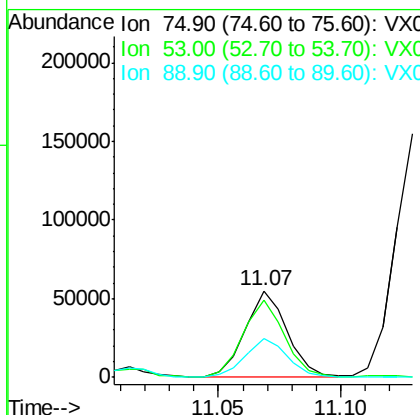
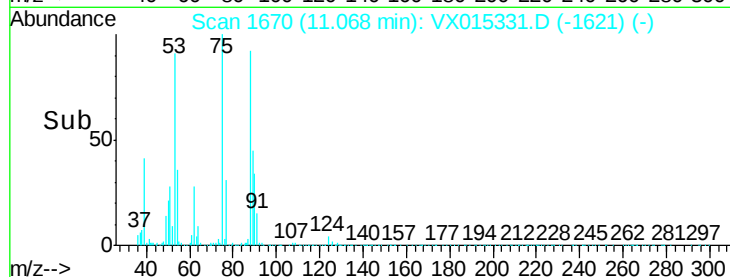
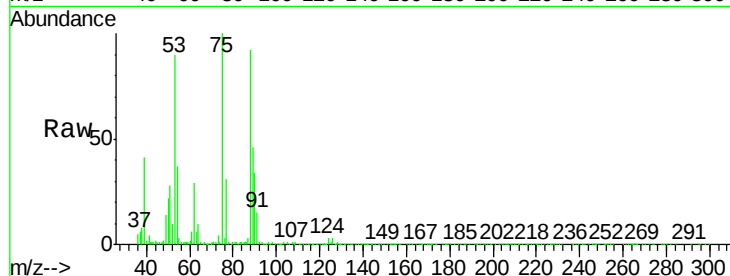
#81
trans-1,4-Dichloro-2-butene
Concen: 18.202 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.8	68.0	102.0
89	47.3	37.1	55.7

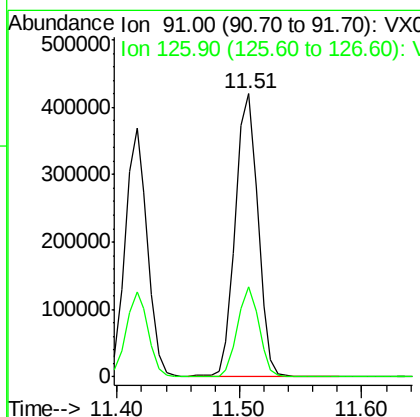
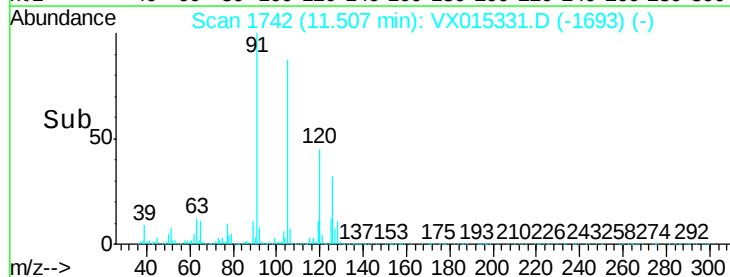
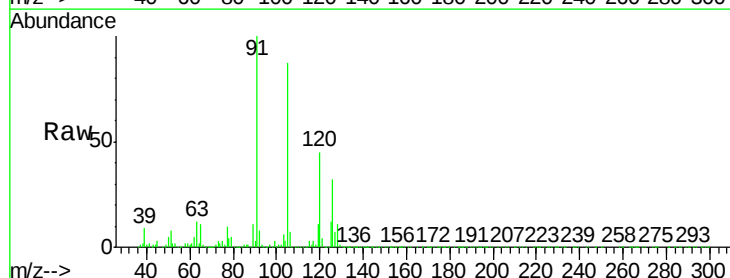
Manual Integrations
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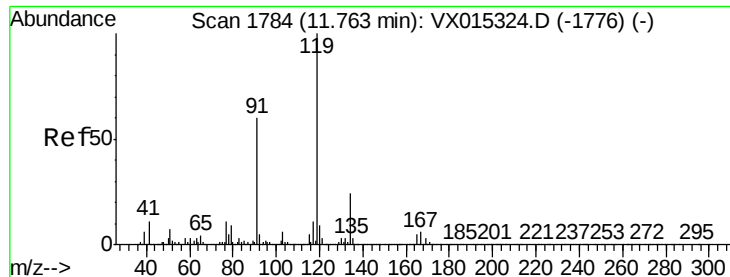
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#82
4-Chlorotoluene
Concen: 20.011 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.4	46.2





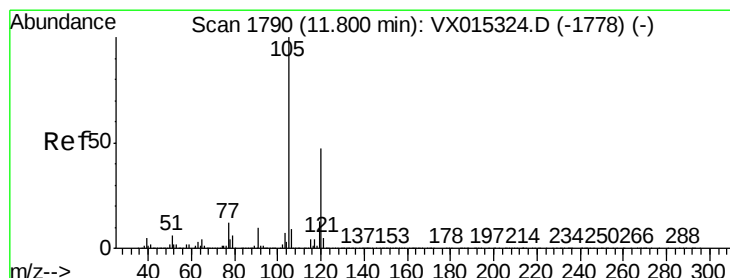
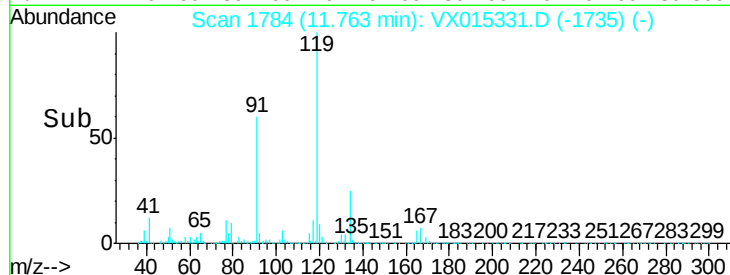
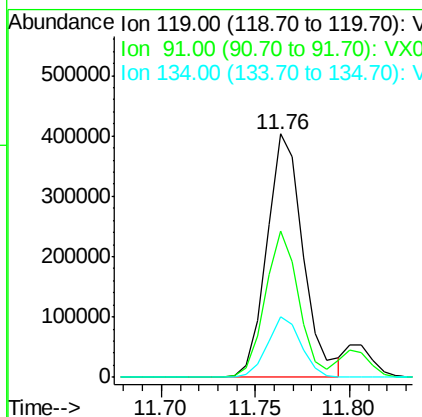
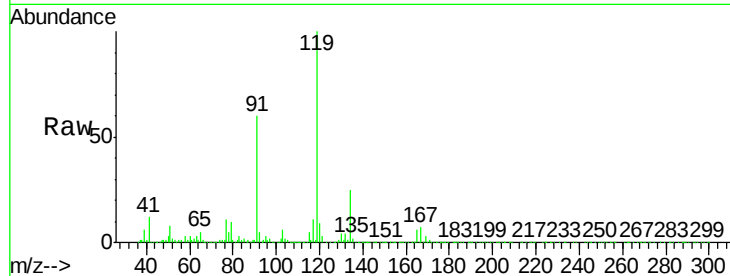
#83
 tert-Butylbenzene
 Concen: 19.514 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0318WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	536311		
91	55.7	28.1	84.4	
134	23.5	11.6	34.8	

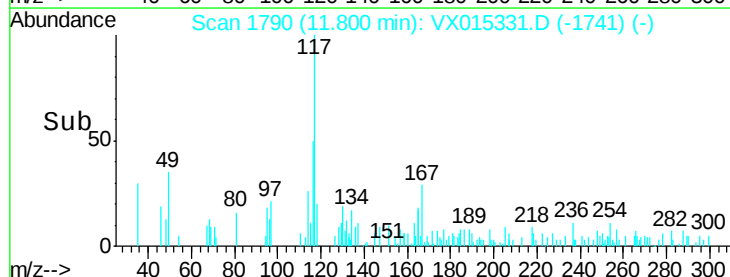
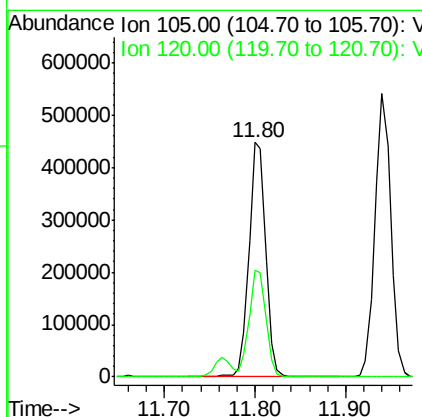
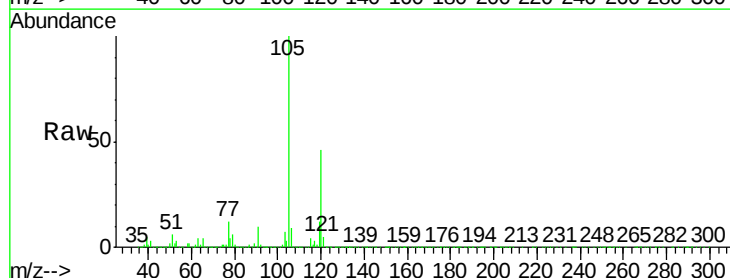
Manual Integrations
 APPROVED

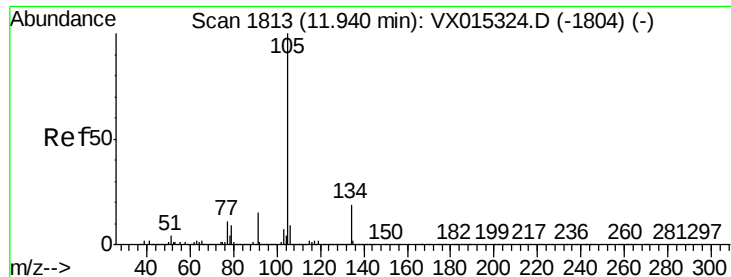
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.832 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	573133		
120	45.2	23.1	69.2	





#85

sec-Butylbenzene

Concen: 19.700 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

Tot Ion:105 Resp: 656333

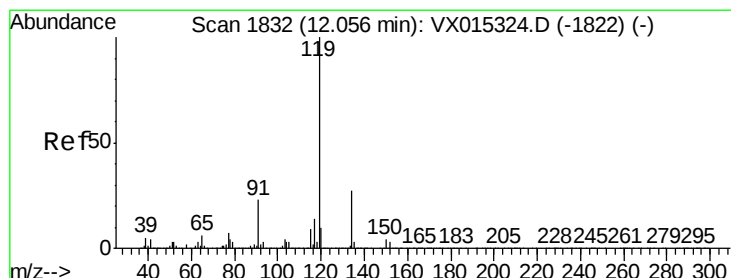
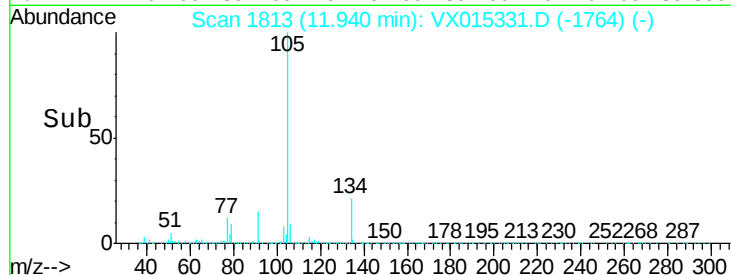
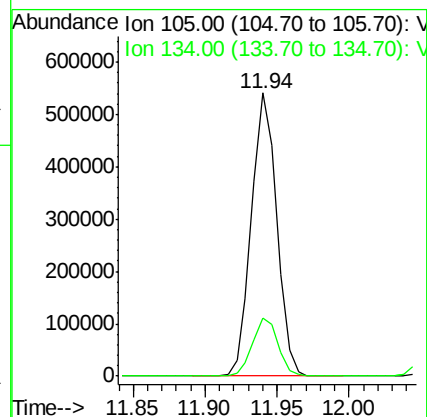
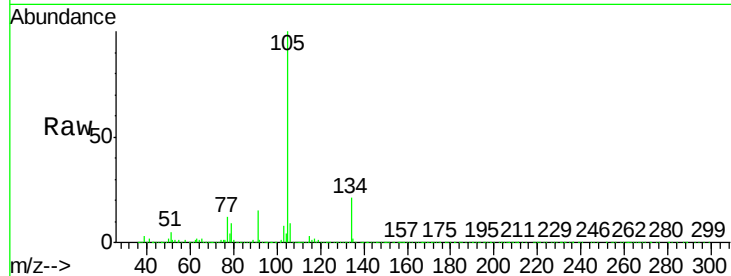
Ion Ratio Lower Upper

105 100

134 20.6 9.8 29.5

Manual Integrations
APPROVED

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#86

p-Isopropyltoluene

Concen: 19.992 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

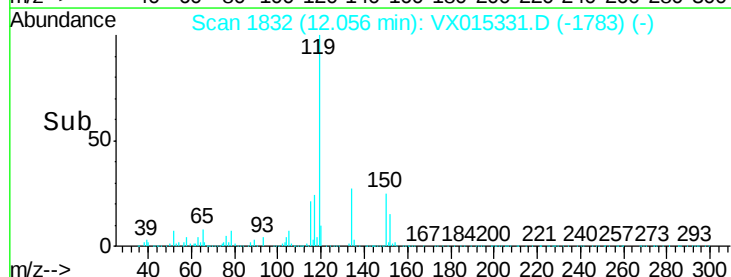
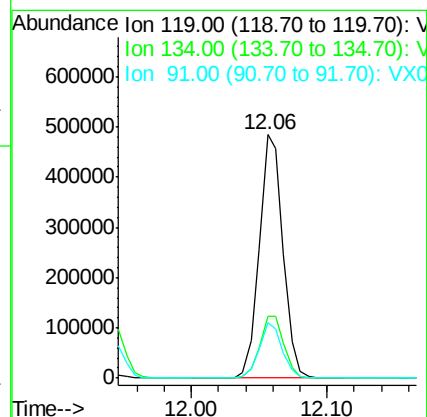
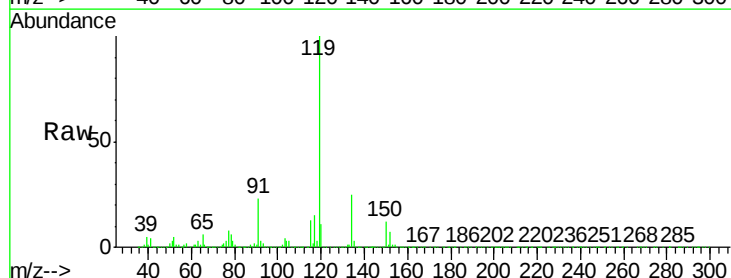
Tgt Ion:119 Resp: 592606

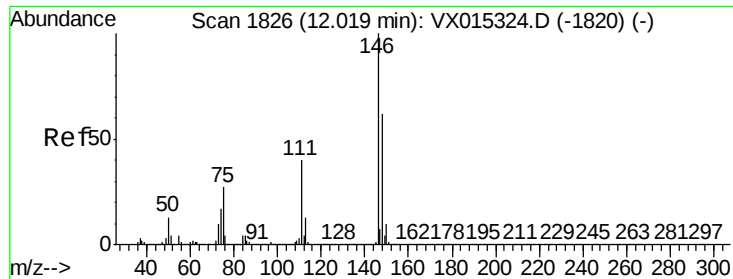
Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.6

91 21.7 11.0 33.0





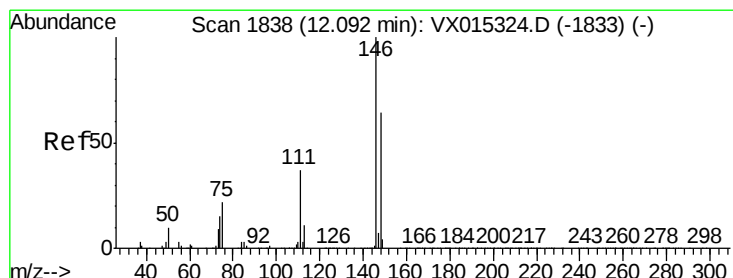
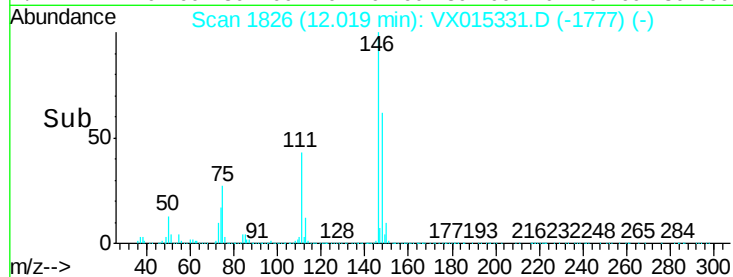
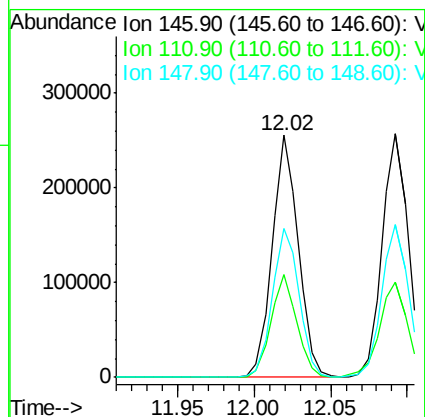
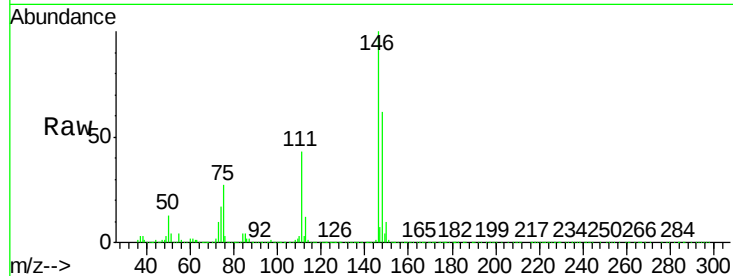
#87
 1,3-Dichlorobenzene
 Concen: 19.648 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.3	61.0
148	63.0	31.4	94.3

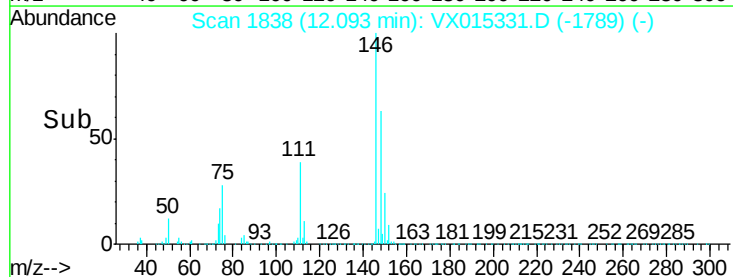
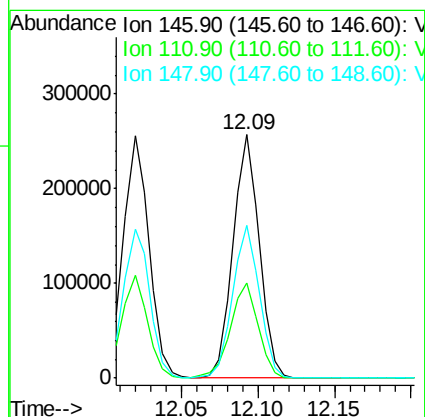
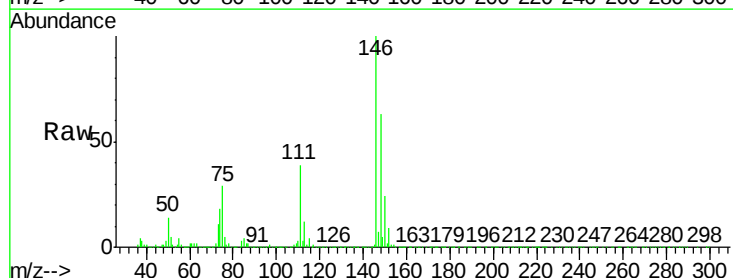
Manual Integrations
 APPROVED

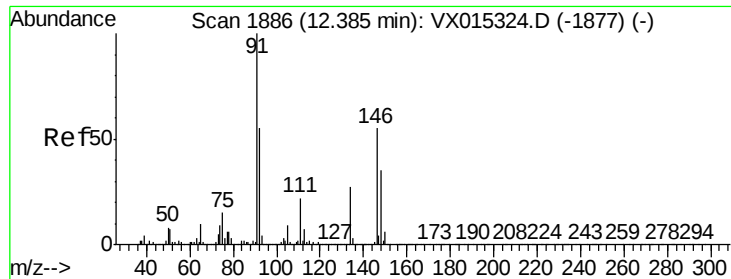
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 3/19/2020 12:01:05 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.903 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	19.7	59.1
148	64.0	32.0	96.0





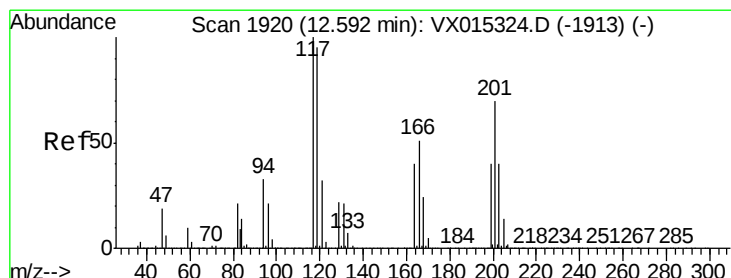
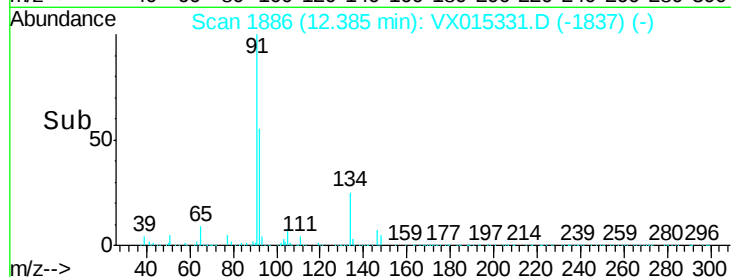
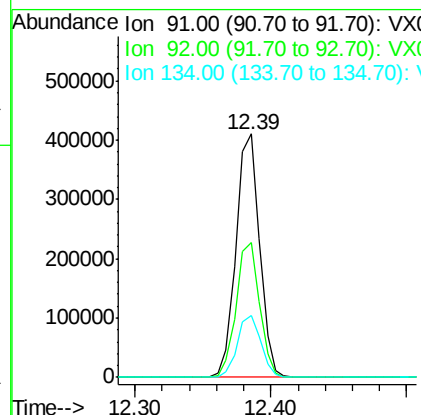
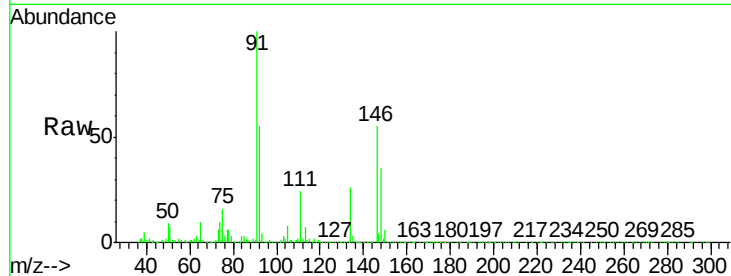
#89
n-Butylbenzene
Concen: 17.635 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.6	27.5	82.4
134	25.3	13.2	39.6

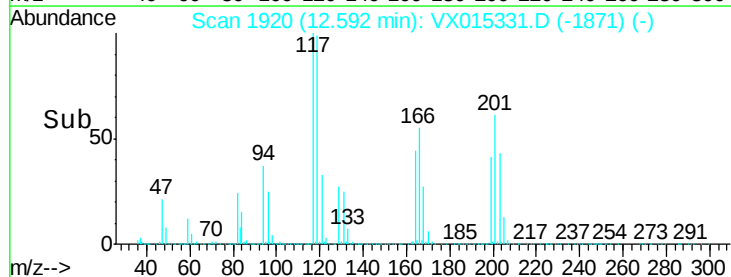
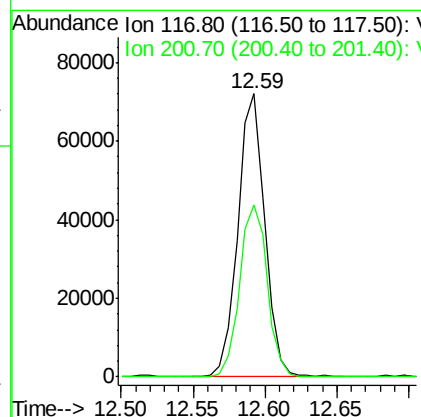
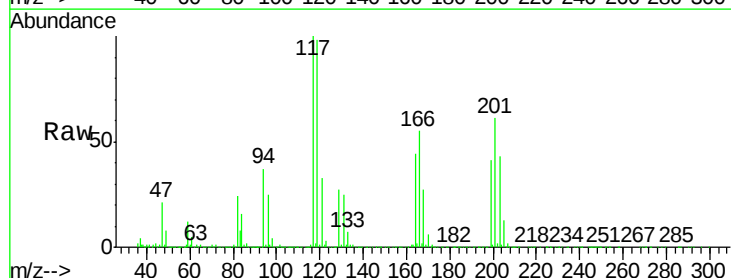
Manual Integrations
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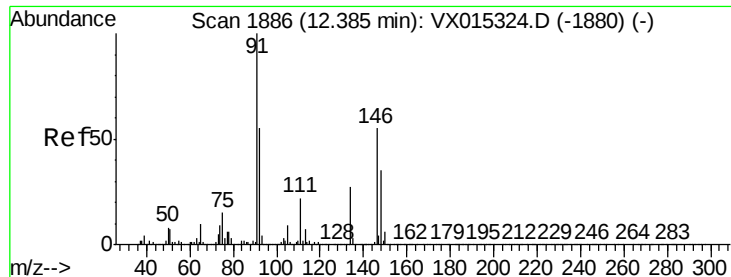
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#90
Hexachloroethane
Concen: 16.408 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	62.1	32.7	98.1





#91

1,2-Dichlorobenzene

Concen: 17.186 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

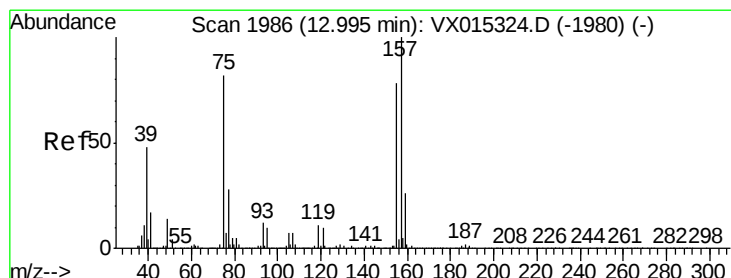
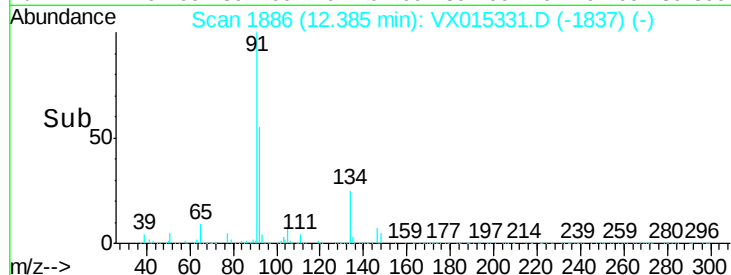
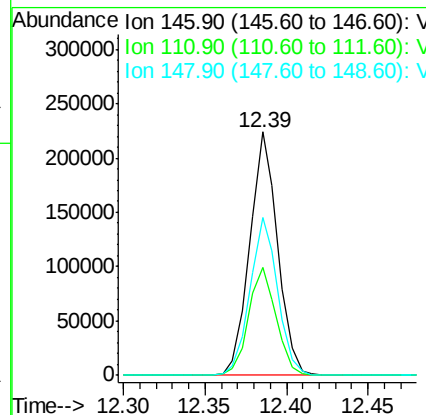
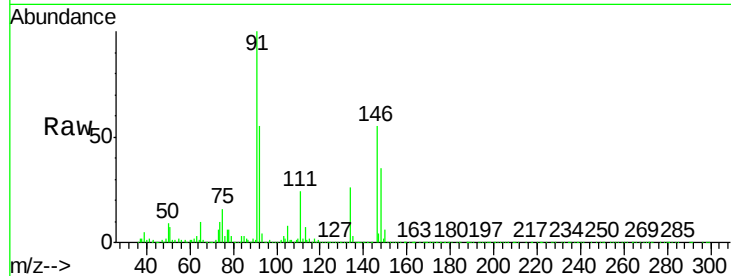
ClientSampleId :

VX0318WBSD01

Tot Ion:	146	Resp:	266571
Ion Ratio		Lower	Upper
146	100		
111	44.1	20.6	61.8
148	64.6	31.6	94.8

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.346 ug/l

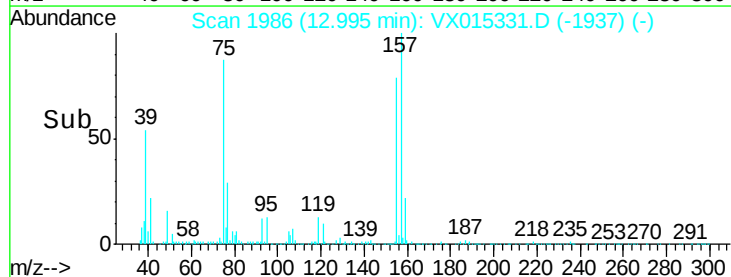
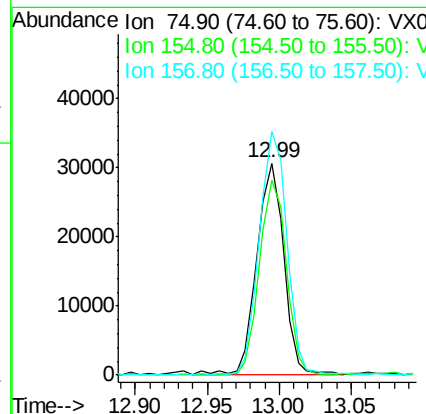
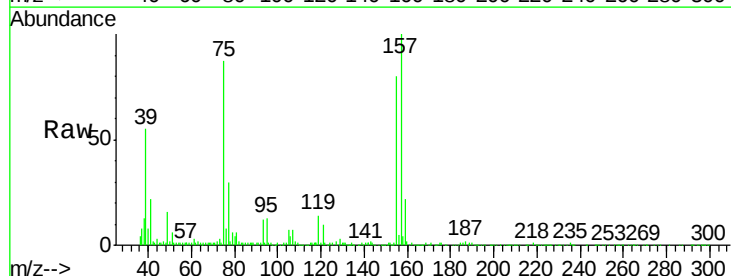
RT: 12.99 min Scan# 1886

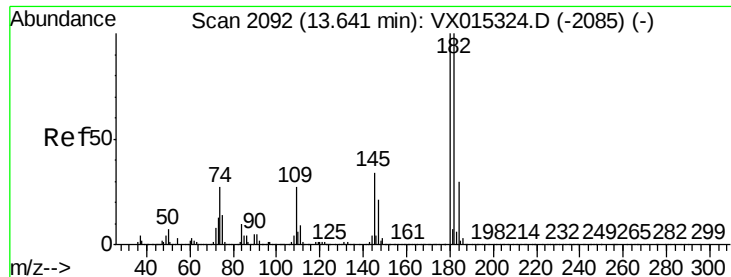
Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Tgt Ion:	75	Resp:	39126
Ion Ratio		Lower	Upper
75	100		
155	93.2	48.9	146.7
157	117.9	61.1	183.3





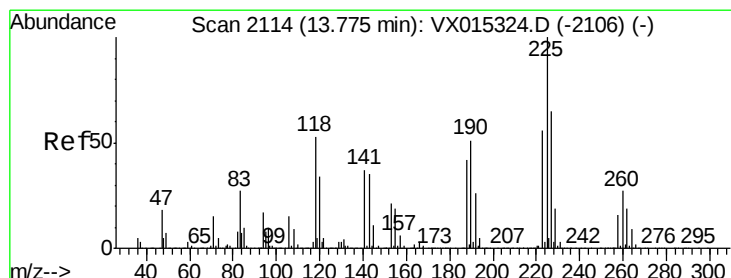
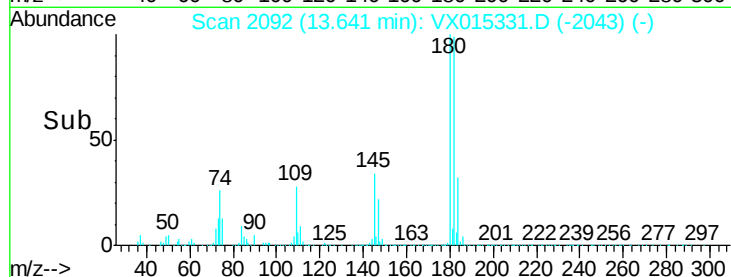
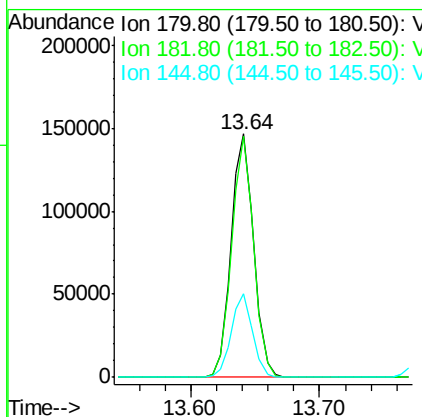
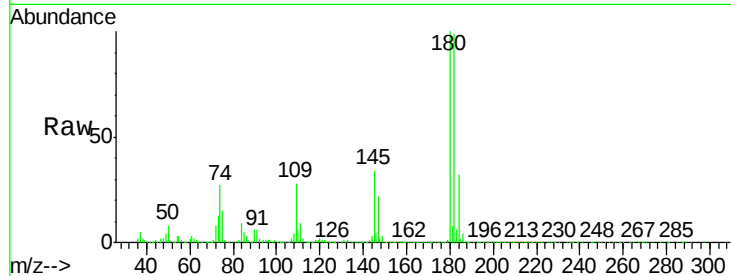
#93
1,2,4-Trichlorobenzene
Concen: 19.271 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	179067		
182	97.2	48.6	145.9	
145	33.1	16.7	50.1	

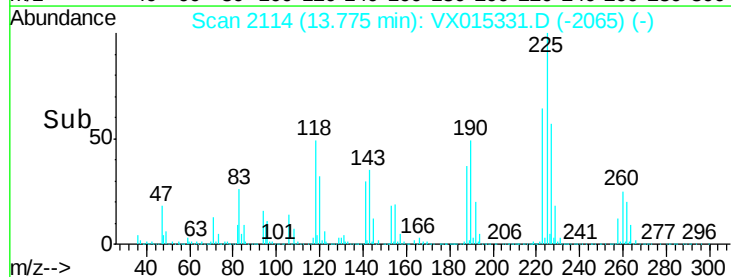
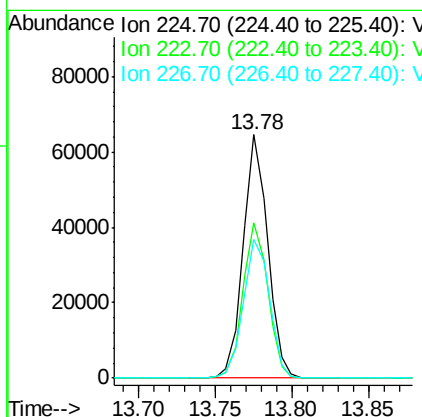
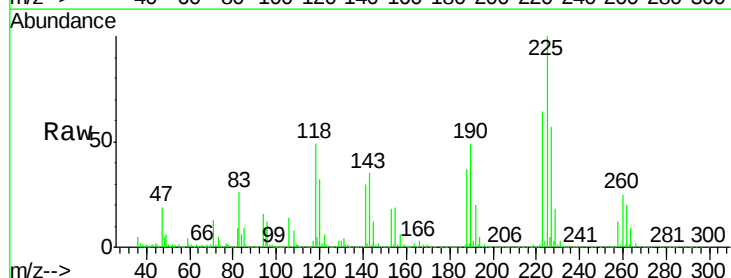
Manual Integrations
APPROVED

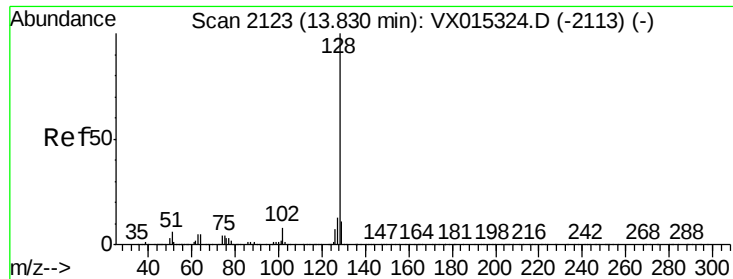
MMDadoda
3/19/2020 12:01:05 PM



#94
Hexachlorobutadiene
Concen: 18.410 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	71926		
223	65.0	30.6	91.6	
227	61.2	32.3	96.8	





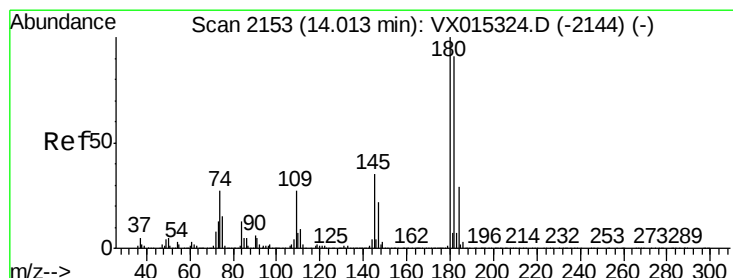
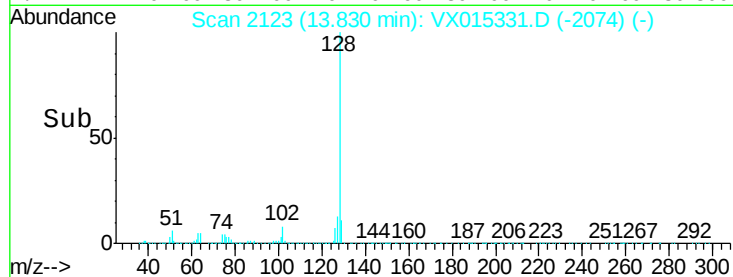
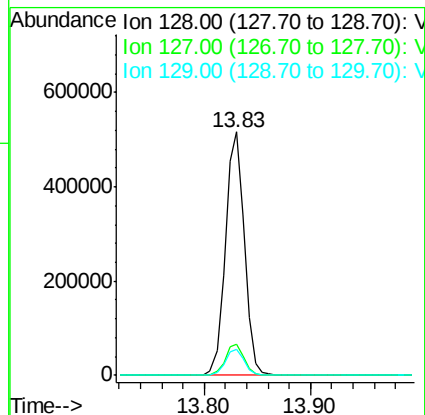
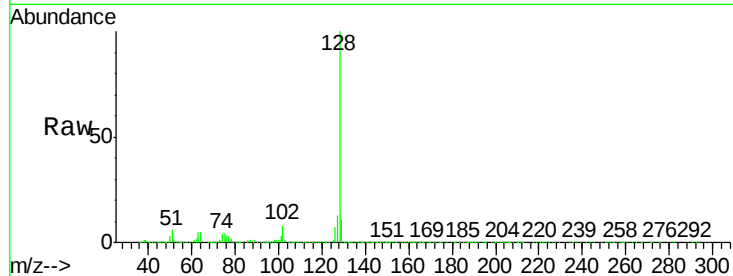
#95
Naphthalene
Concen: 20.818 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.5	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/19/2020 12:01:05 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.406 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.0	141.0
145	34.4	17.6	52.8

