

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\
 Data File : VX015233.D
 Acq On : 12 Mar 2020 13:23
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 11:43:41 AM

Quant Time: Mar 12 14:04:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 13:54:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	42993	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	257372	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	228153	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	87286	29.20	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.33%
60) 4-Bromofluorobenzene	11.14	95	112652	31.70	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	105.67%
63) Toluene-d8	8.71	98	295441	29.69	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.97%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	333904	173.920	ug/l 97
3) Chloromethane	1.31	50	490775	197.697	ug/l 97
4) Vinyl Chloride	1.40	62	502548	188.098	ug/l 99
5) Bromomethane	1.63	94	323081	172.681	ug/l 96
6) Chloroethane	1.71	64	307435	171.781	ug/l 99
7) Trichlorofluoromethane	1.92	101	630451	162.135	ug/l 97
8) Diethyl Ether	2.18	74	282191	172.515	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	378962	168.570	ug/l 99
10) 1,1-Dichloroethene	2.36	96	391333	173.150	ug/l 98
11) Methyl Iodide	2.50	142	489518	178.256	ug/l 98
12) Methyl Acetate	2.76	43	495181	176.071	ug/l 99
13) Acrolein	2.28	56	365388	653.259	ug/l 98
14) Acrylonitrile	3.13	53	1160128	913.405	ug/l 99
15) Acetone	2.44	58	299736	659.427	ug/l 99
16) Carbon Disulfide	2.56	76	1141365	187.825	ug/l 100
17) Allyl chloride	2.72	41	755873	192.262	ug/l 99
18) Methylene Chloride	2.84	84	447588	171.885	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	432830	174.357	ug/l 96
20) Diisopropyl ether	3.84	45	1441147	179.491	ug/l 95
21) 1,1-Dichloroethane	3.69	63	781518	177.563	ug/l 100
22) cis-1,2-Dichloroethene	4.59	96	455620	160.389	ug/l 97
23) tert-Butyl Alcohol	3.04	59	458794m	911.254	ug/l
24) Methyl tert-Butyl Ether	3.19	73	1302036	173.160	ug/l 99
25) Chloroform	5.20	83	694680	156.514	ug/l 100
26) Cyclohexane	5.57	56	679276	172.681	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	549377	150.913	ug/l 99
30) 2-Butanone	4.66	43	1461875	695.721	ug/l 99
31) 2,2-Dichloropropane	4.57	77	583587	145.994	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	602968	145.854	ug/l 99
33) Carbon Tetrachloride	5.78	117	532084	147.030	ug/l 96
34) Benzene	6.14	78	1654643	150.631	ug/l 100
35) Methacrylonitrile	5.03	41	329237	153.602	ug/l 98
36) 1,2-Dichloroethane	6.18	62	546843	140.642	ug/l 99
37) Trichloroethene	7.21	130	493131	159.890	ug/l 97
38) Methylcyclohexane	7.46	83	744144	164.915	ug/l 100
39) 1,2-Dichloropropane	7.51	63	469720	166.126	ug/l 96
40) Dibromomethane	7.65	93	295023	156.260	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	603515	161.818	ug/l	96
42) Vinyl Acetate	3.81	43	6233883	842.879	ug/l	99
43) Ethyl Acetate	4.82	43	578954	152.279	ug/l	99
44) Isopropyl Acetate	6.43	43	983084	153.815	ug/l	99
45) 1,4-Dioxane	7.73	88	214791	3637.014	ug/l	99
46) Methyl methacrylate	7.76	41	530340	167.728	ug/l	97
47) n-amyl Acetate	10.89	43	939387	169.660	ug/l	96
48) t-1,3-Dichloropropene	9.04	75	655800	158.488	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	720838	158.235	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	415516	147.719	ug/l	98
51) Ethyl methacrylate	9.17	69	694196	159.898	ug/l	99
52) 1,3-Dichloropropane	9.37	76	701225	147.363	ug/l	100
53) Dibromochloromethane	9.58	129	473574	155.720	ug/l	95
54) 1,2-Dibromoethane	9.67	107	438173	146.720	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	1708018	738.557	ug/l	100
56) Bromoform	10.85	173	380572	159.635	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	2939309	786.092	ug/l	99
59) 2-Hexanone	9.49	43	2244271	768.186	ug/l	99
61) Tetrachloroethene	9.33	164	455301	148.578	ug/l	97
62) Toluene	8.78	91	1789567	153.135	ug/l	100
64) Chlorobenzene	10.14	112	1148076	153.915	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	430451	155.794	ug/l	99
66) Ethyl Benzene	10.25	91	2020017	156.916	ug/l	100
67) m/p-Xylenes	10.35	106	1561308	314.526	ug/l	98
68) o-Xylene	10.70	106	749225	155.988	ug/l	98
69) Styrene	10.71	104	1335695	162.827	ug/l	100
70) Isopropylbenzene	11.01	105	1997373	156.555	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	684131	166.543	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	540541m	158.638	ug/l	
73) Bromobenzene	11.25	156	575650	166.983	ug/l	98
74) n-propylbenzene	11.35	91	2519321	173.497	ug/l	100
75) 2-Chlorotoluene	11.42	91	1462053	170.381	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	1784723	166.916	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	246206	179.192	ug/l	92
78) 4-Chlorotoluene	11.51	91	1680984	169.353	ug/l	99
79) tert-butylbenzene	11.76	119	1734922	167.947	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	1846353	173.691	ug/l	100
81) sec-Butylbenzene	11.94	105	2133346	172.447	ug/l	100
82) p-Isopropyltoluene	12.06	119	1920330	167.087	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	1031263	170.648	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	996486	163.747	ug/l	100
85) n-Butylbenzene	12.39	91	1697407	169.721	ug/l	99
86) Hexachloroethane	12.59	117	348879	167.940	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	950381	158.041	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	141737	158.430	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	759625	175.657	ug/l	100
90) Hexachlorobutadiene	13.78	225	375821	174.989	ug/l	100
91) Naphthalene	13.83	128	2113206	172.603	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	739193	172.166	ug/l	100

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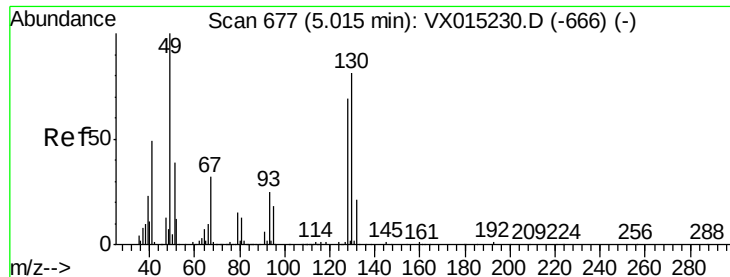
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

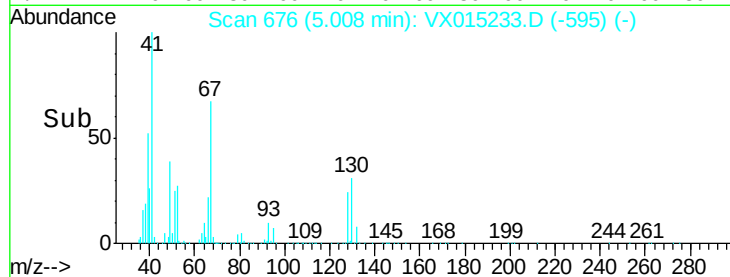
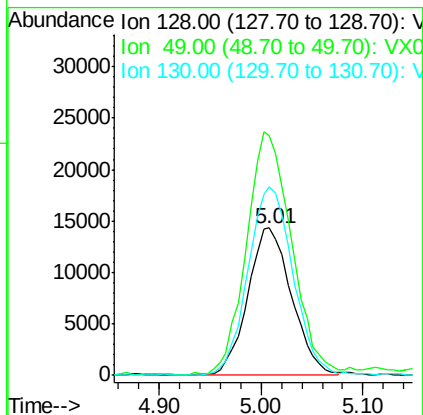
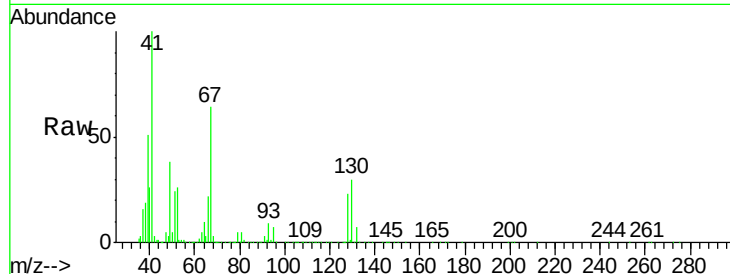
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
49	166.0	0.0	406.8
130	130.2	0.0	319.3

Manual Integrations
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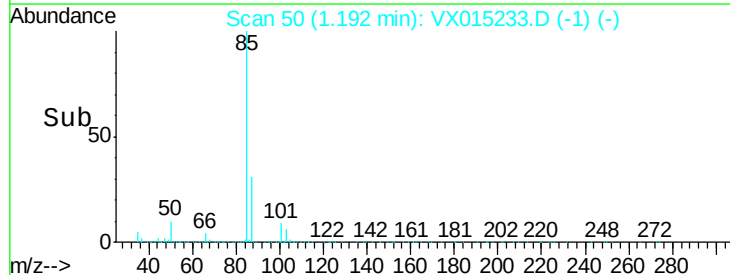
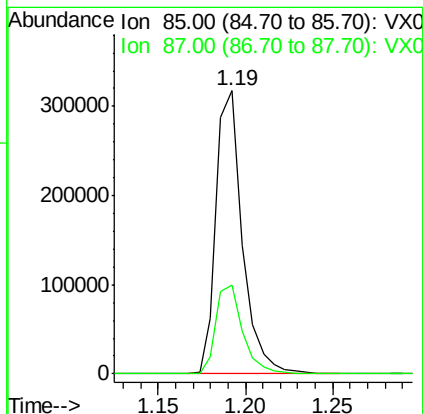
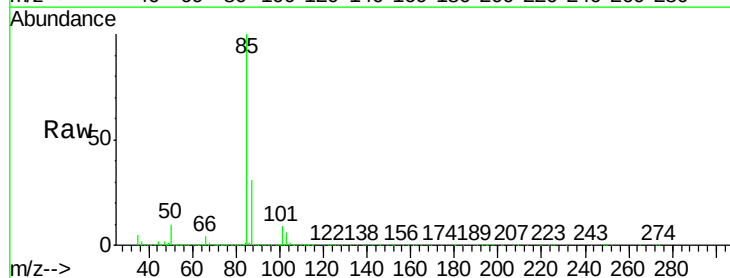
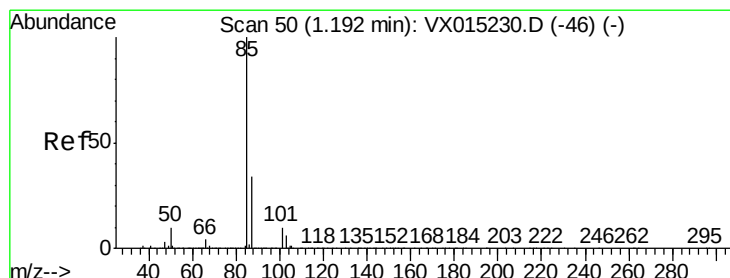
MMDadoda
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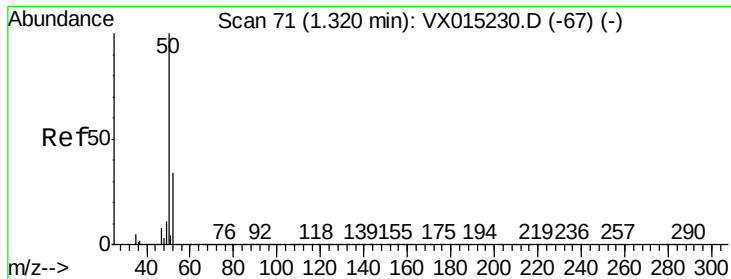


#2

Dichlorodifluoromethane
 Concen: 173.920 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.5	16.7	50.1





#3

Chloromethane

Concen: 197.697 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 50 Resp: 490775

Ion Ratio Lower Upper

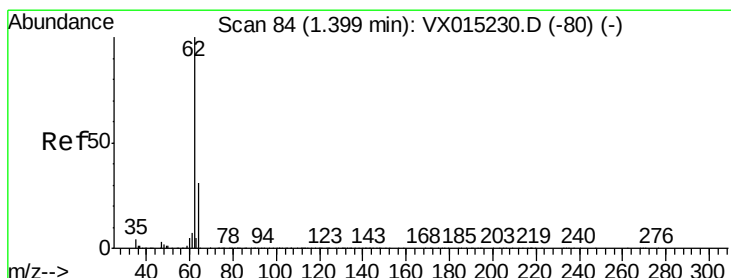
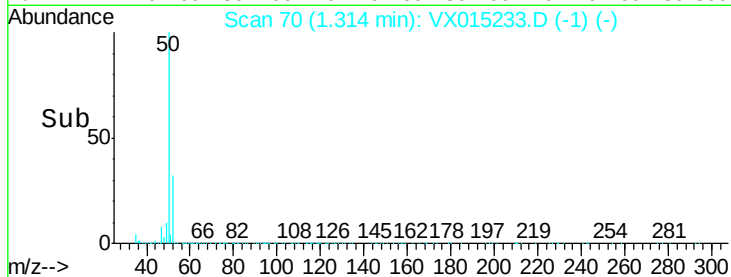
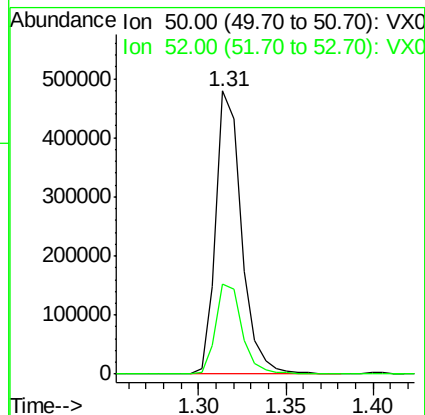
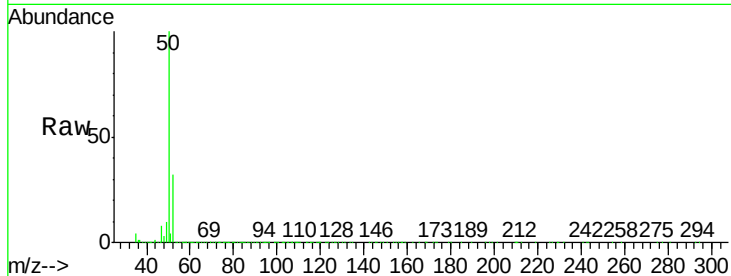
50 100

52 31.8 26.9 40.3

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#4

Vinyl Chloride

Concen: 188.098 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015233.D

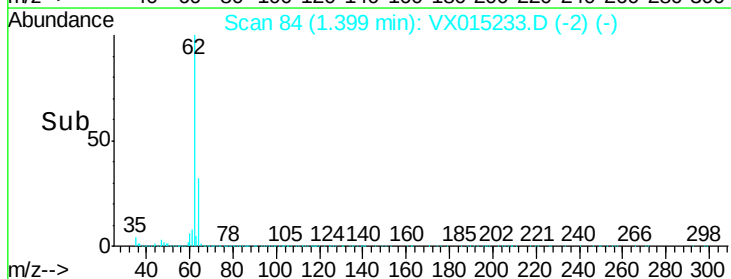
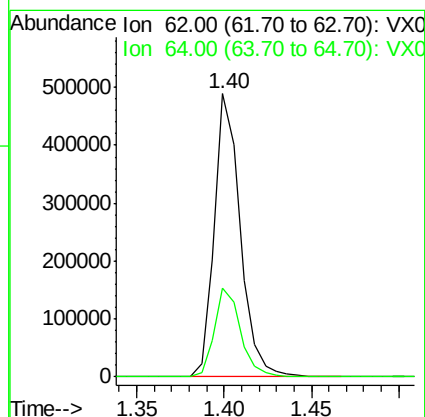
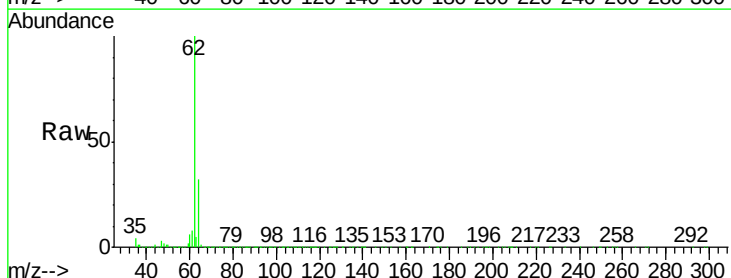
Acq: 12 Mar 2020 13:23

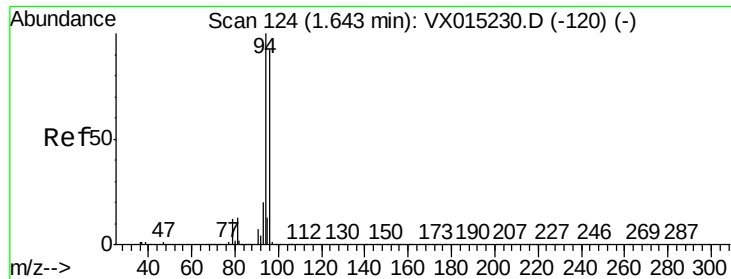
Tgt Ion: 62 Resp: 502548

Ion Ratio Lower Upper

62 100

64 31.5 24.9 37.3





#5

Bromomethane

Concen: 172.681 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 323081

Ion Ratio Lower Upper

94 100

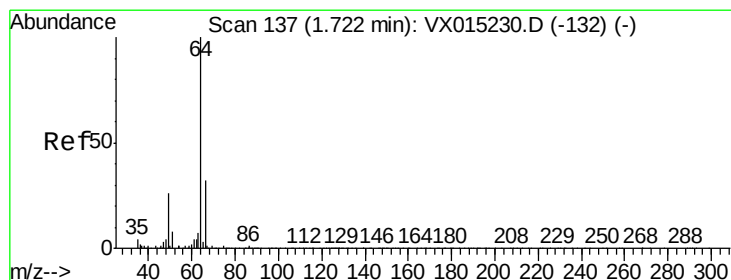
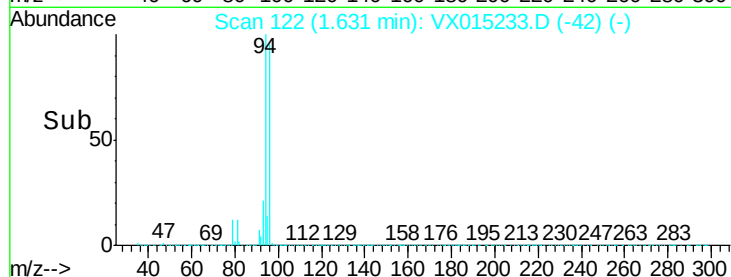
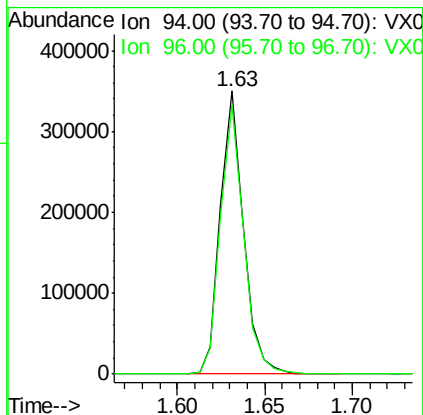
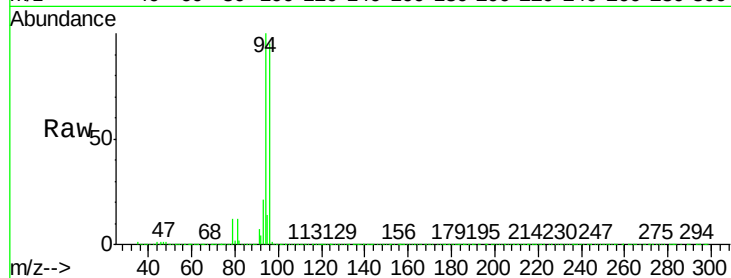
96 95.4 73.0 109.4

Manual Integrations

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#6

Chloroethane

Concen: 171.781 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX015233.D

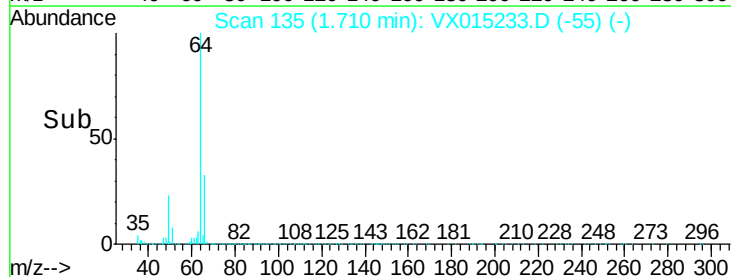
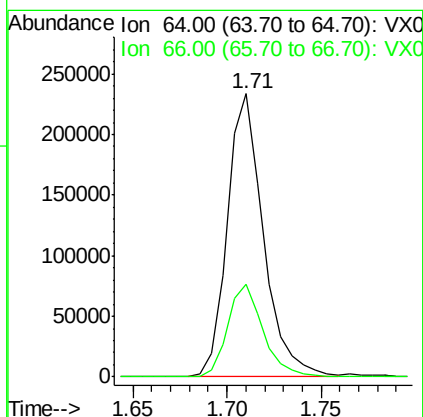
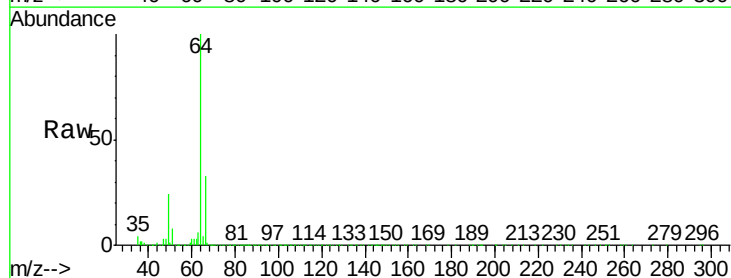
Acq: 12 Mar 2020 13:23

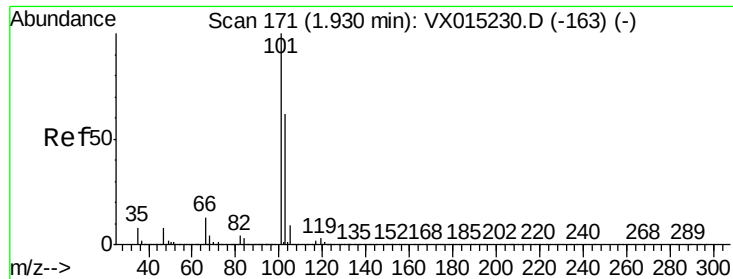
Tgt Ion: 64 Resp: 307435

Ion Ratio Lower Upper

64 100

66 32.7 25.9 38.9





#7

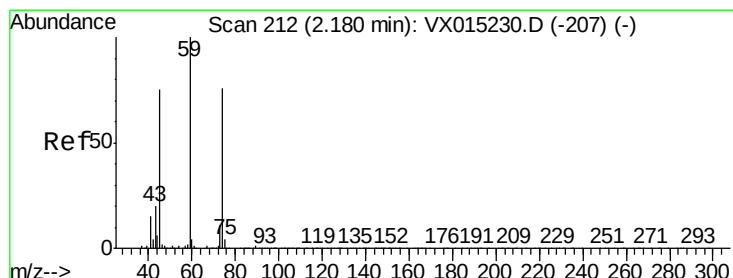
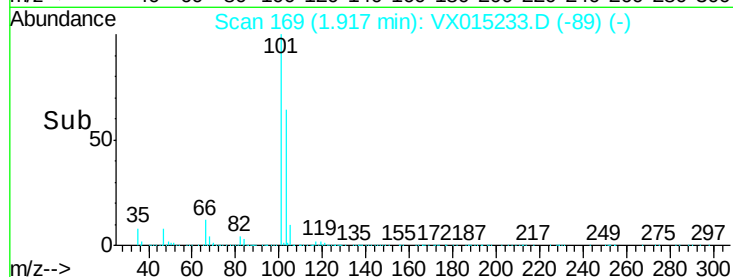
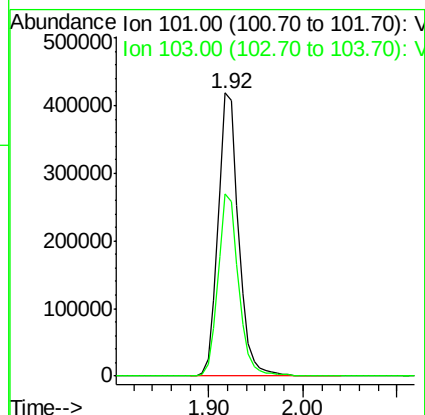
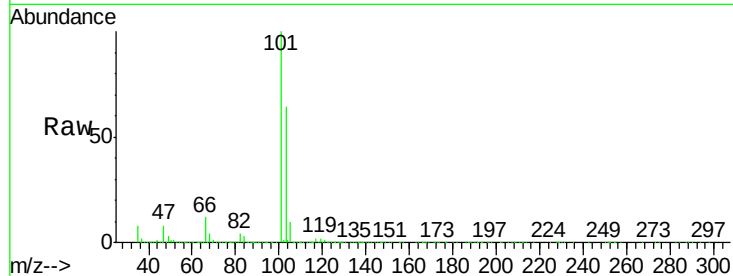
Trichlorofluoromethane
Concen: 162.135 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Instrument :
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ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
630451	101	100		
	103	64.4	49.9	74.9

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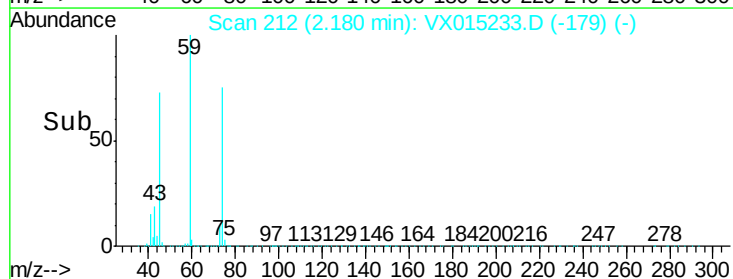
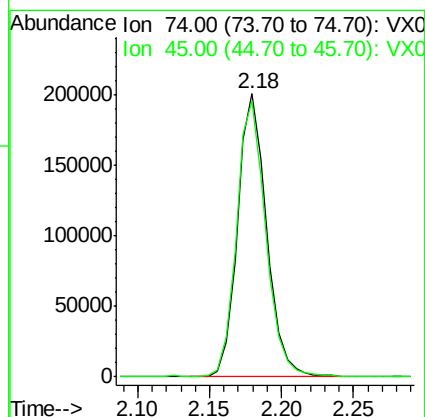
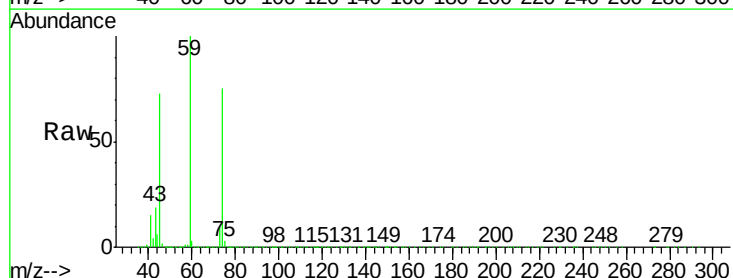
MMDadoda
3/16/2020 11:43:41 AM

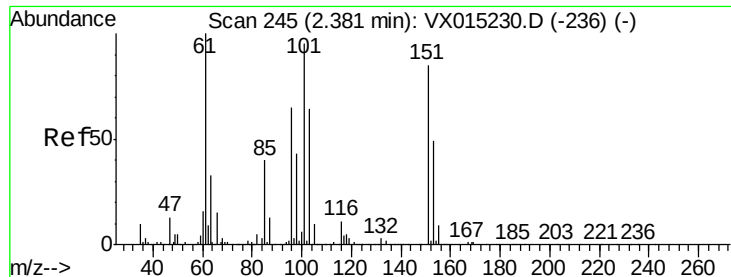


#8

Diethyl Ether
Concen: 172.515 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion	Ion	Ratio	Lower	Upper
282191	74	100		
	45	98.0	20.3	182.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 168.570 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

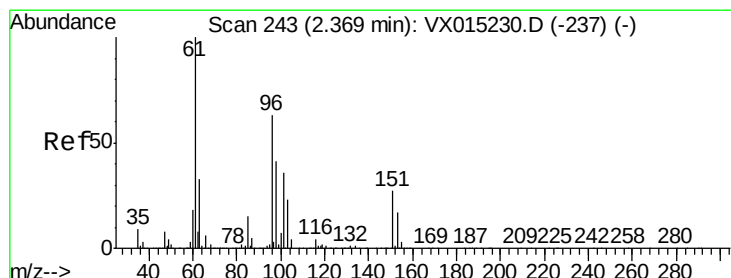
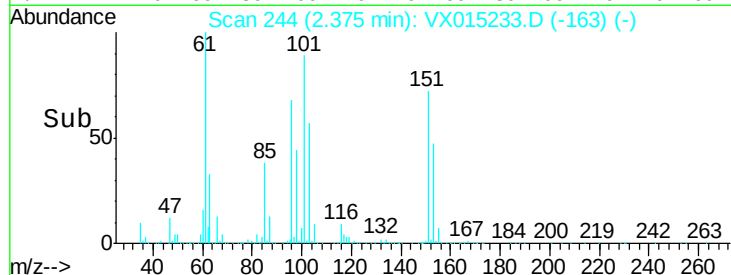
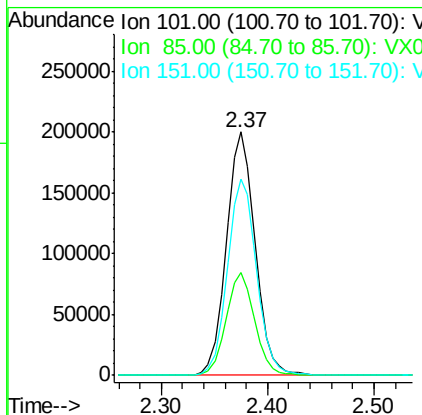
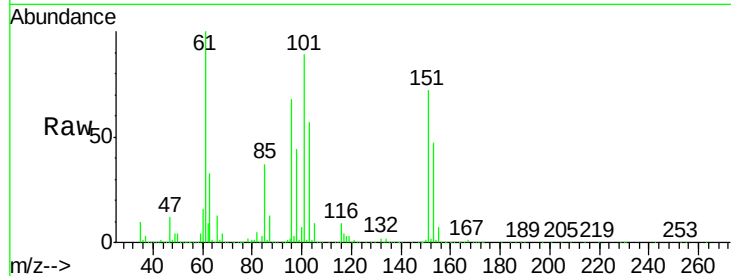
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	378962
Ion Ratio	Lower	Upper	
101	100		
85	41.6	0.0	82.0
151	81.7	0.0	165.0

Manual Integrations
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3/16/2020 11:43:41 AM



#10

1,1-Dichloroethene

Concen: 173.150 ug/l

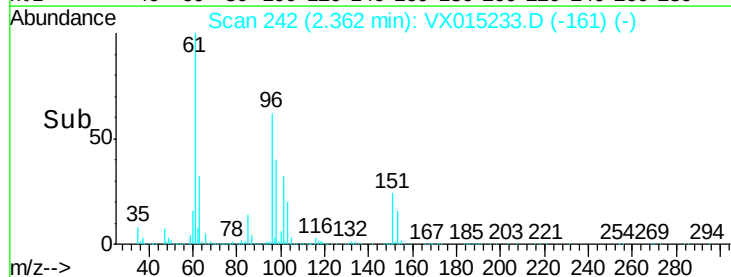
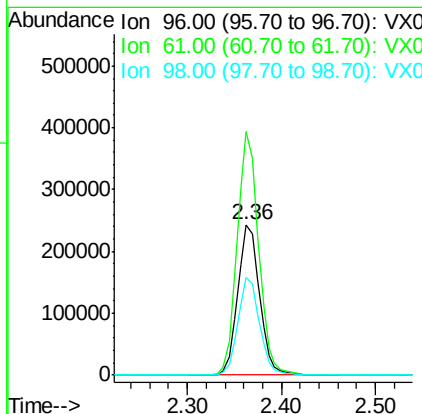
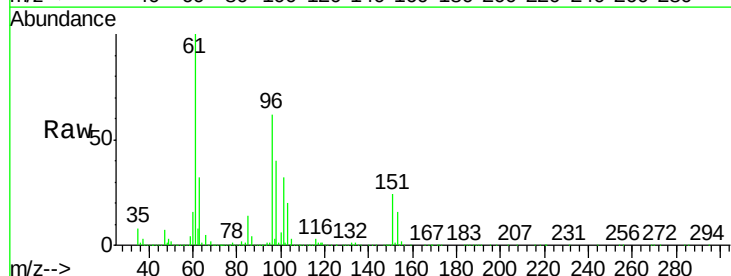
RT: 2.36 min Scan# 242

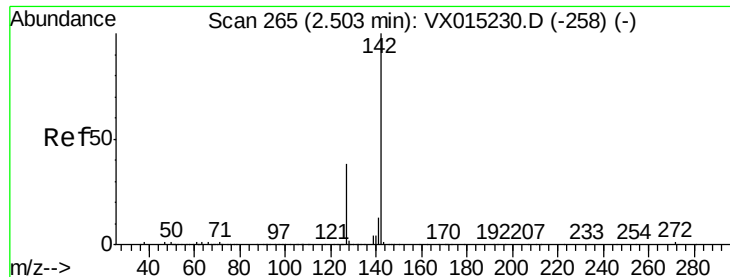
Delta R.T. -0.01 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Tgt Ion:	96	Resp:	391333
Ion Ratio	Lower	Upper	
96	100		
61	161.7	126.2	189.2
98	64.6	52.1	78.1





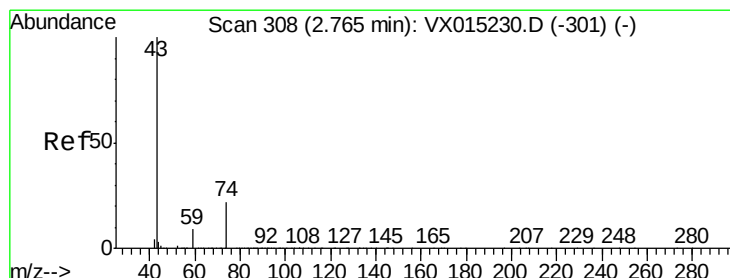
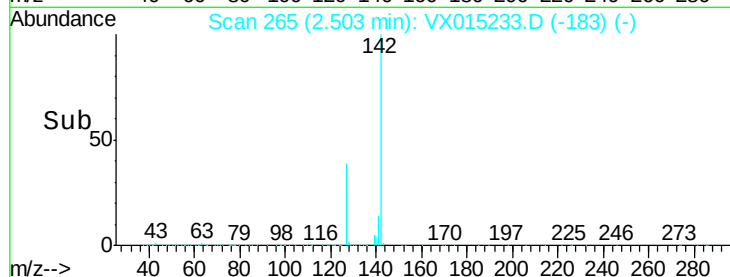
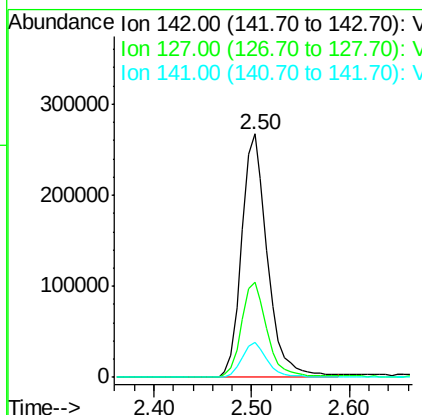
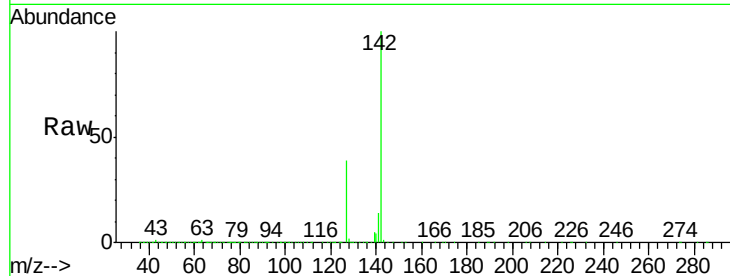
#11
Methvl Iodide
Concen: 178.256 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.2	18.9	56.9
141	14.2	6.6	19.7

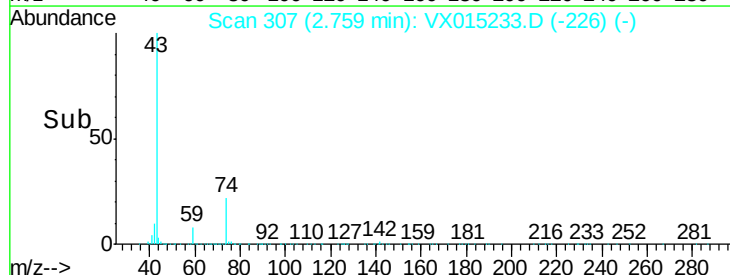
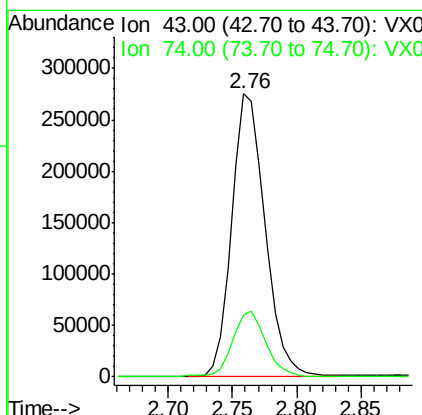
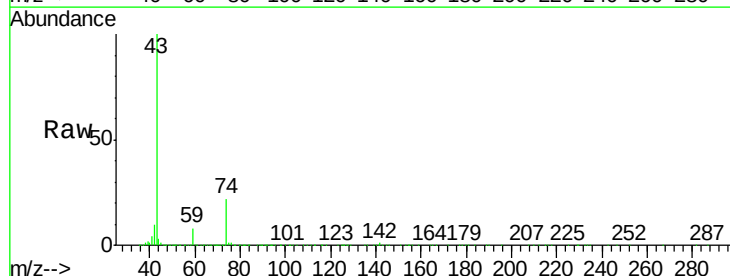
Manual Integrations
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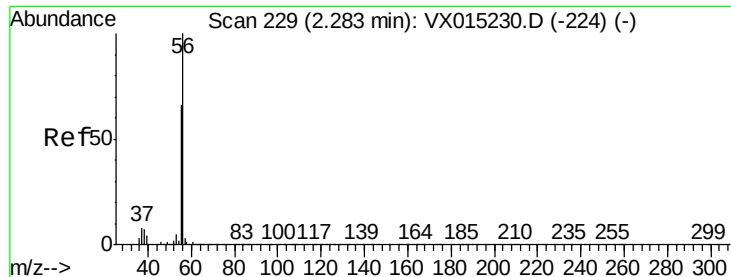
MMDadoda
3/16/2020 11:43:41 AM



#12
Methyl Acetate
Concen: 176.071 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	18.0	27.0





#13

Acrolein

Concen: 653.259 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 56 Resp: 365388

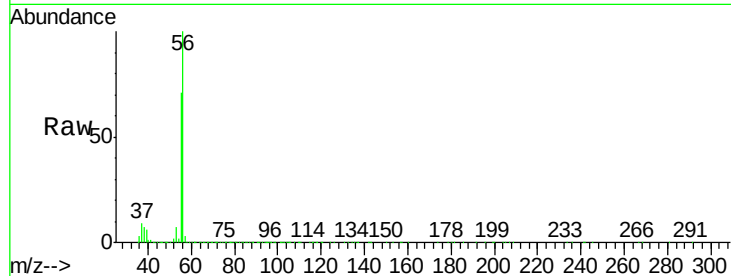
Ion Ratio Lower Upper

56 100

55 70.1 55.1 82.7

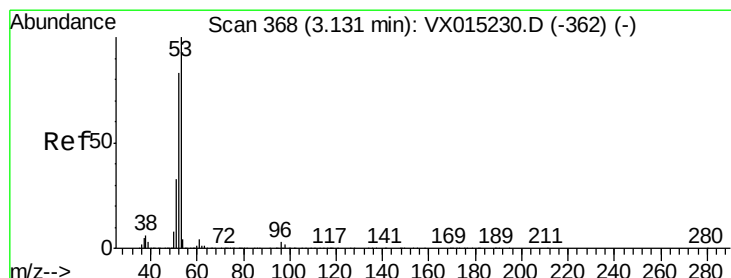
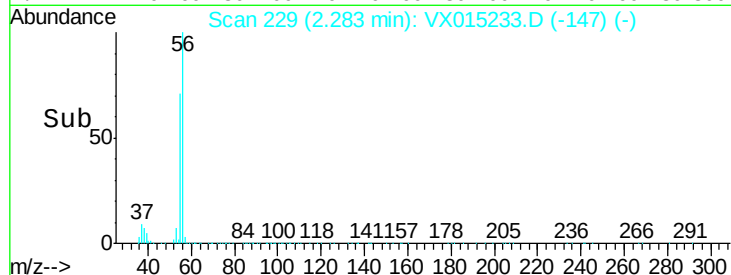
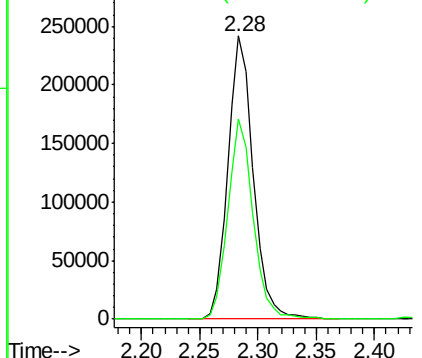
Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 913.405 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

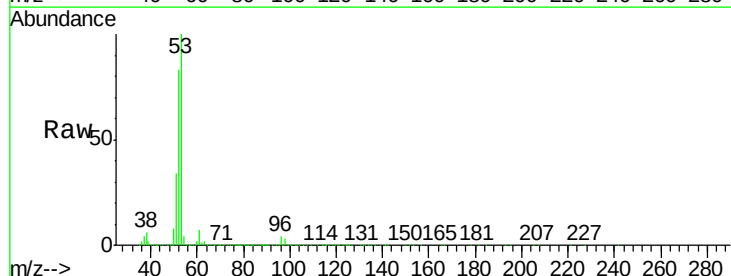
Tgt Ion: 53 Resp: 1160128

Ion Ratio Lower Upper

53 100

52 82.4 41.5 124.5

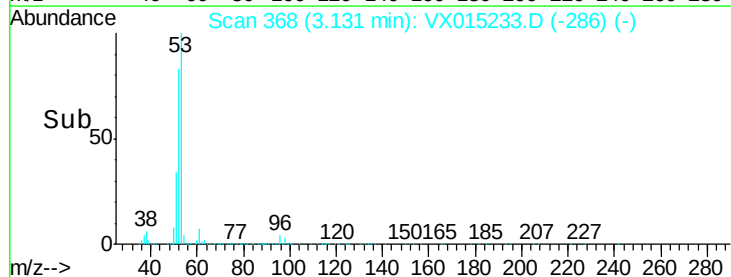
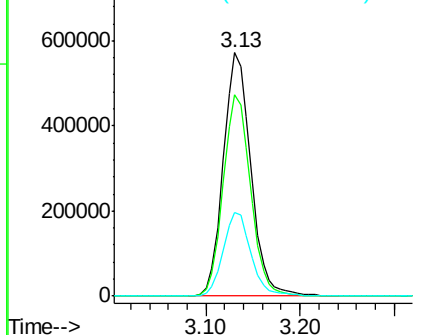
51 34.6 17.7 53.1

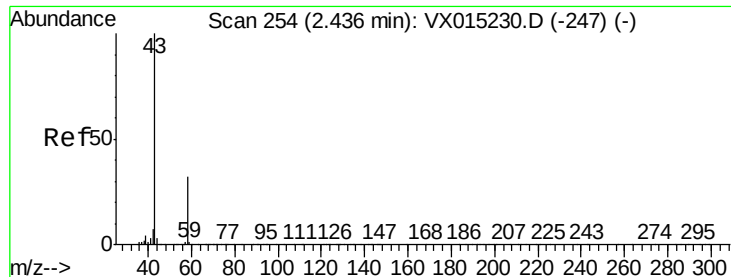


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 659.427 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 58 Resp: 299736

Ion Ratio Lower Upper

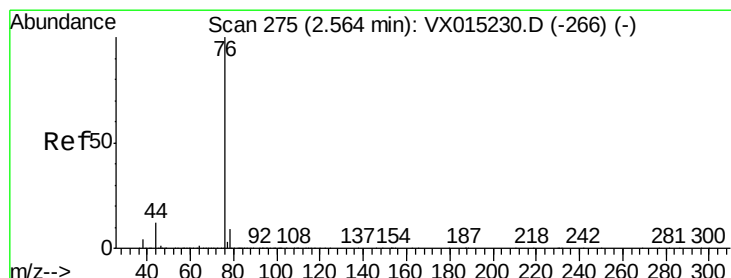
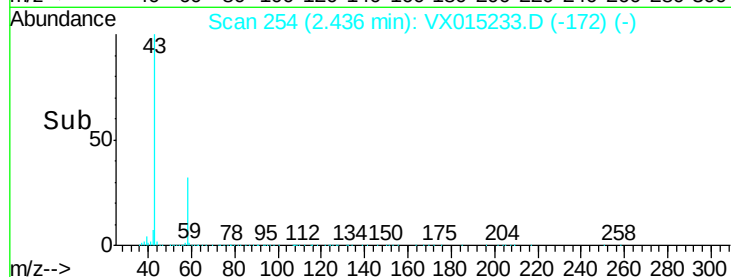
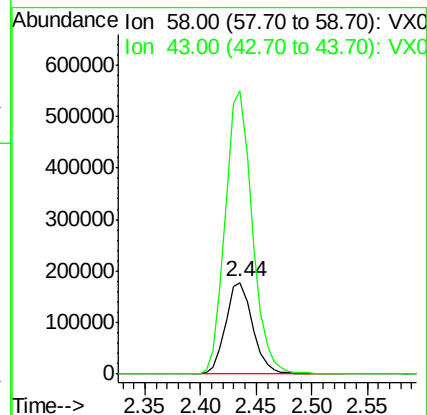
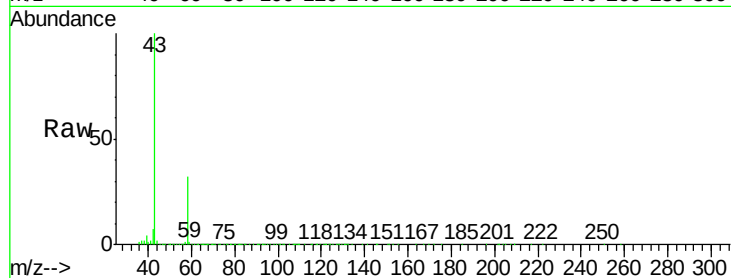
58 100

43 309.6 248.7 373.1

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#16

Carbon Disulfide

Concen: 187.825 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015233.D

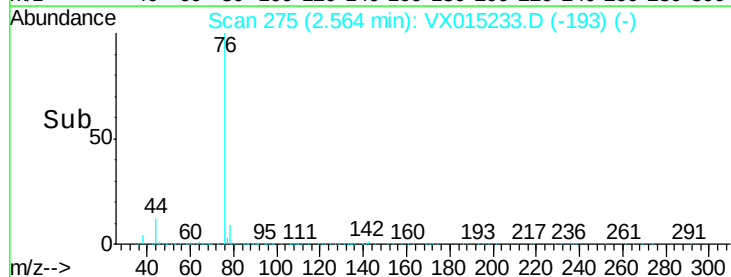
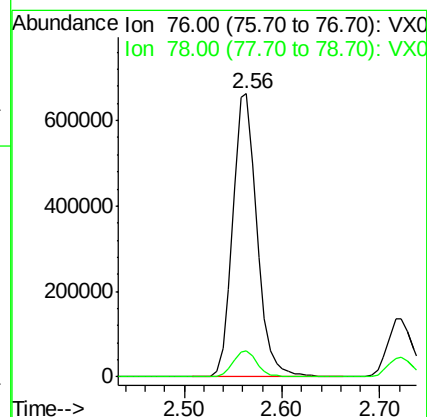
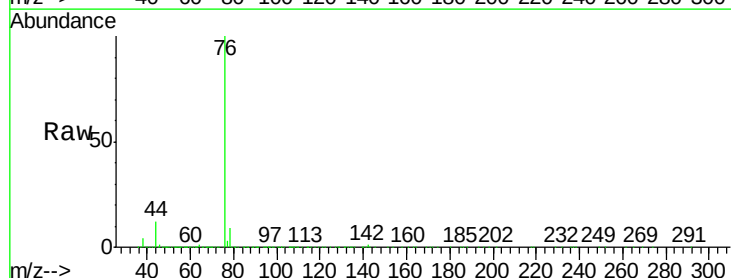
Acq: 12 Mar 2020 13:23

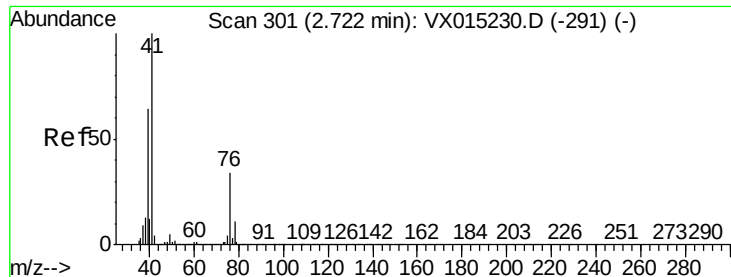
Tgt Ion: 76 Resp: 1141365

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#17

Allvl chloride

Concen: 192.262 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

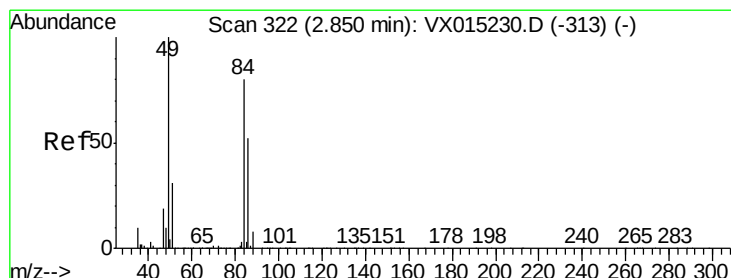
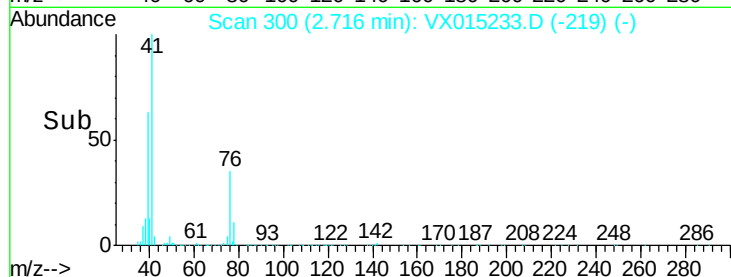
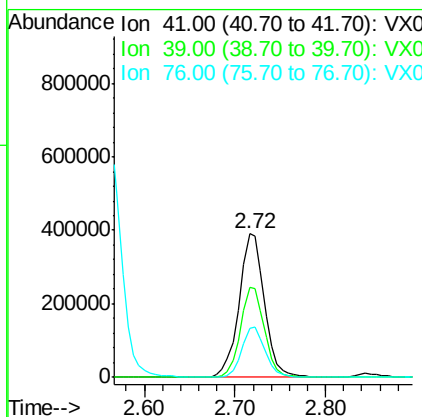
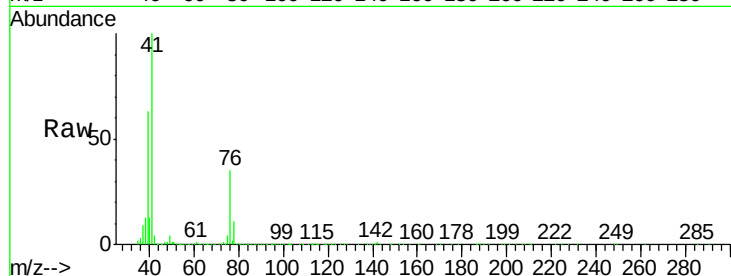
ClientSampleId :

VSTDIC150

Tot Ion:	41	Resp:	755873
Ion Ratio		Lower	Upper
41	100		
39	63.0	32.1	96.5
76	34.6	17.2	51.5

Manual Integrations
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#18

Methylene Chloride

Concen: 171.885 ug/l

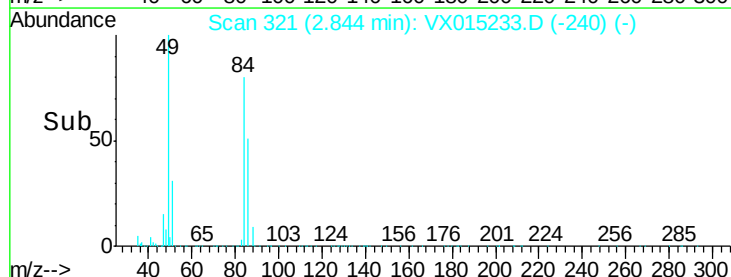
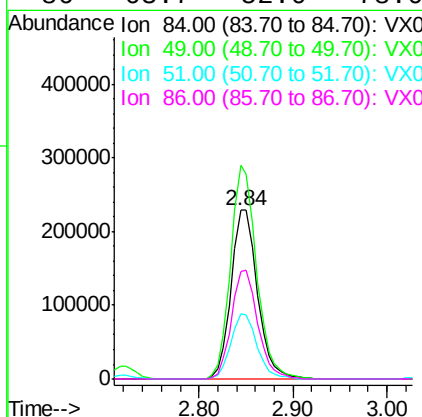
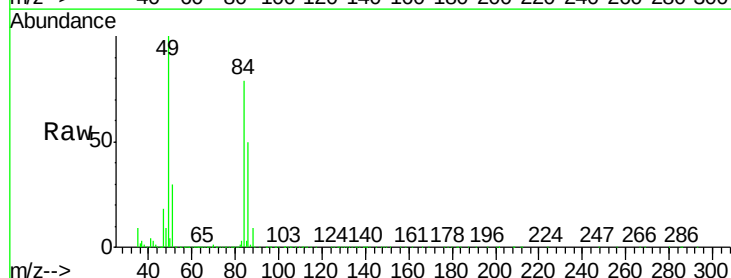
RT: 2.84 min Scan# 321

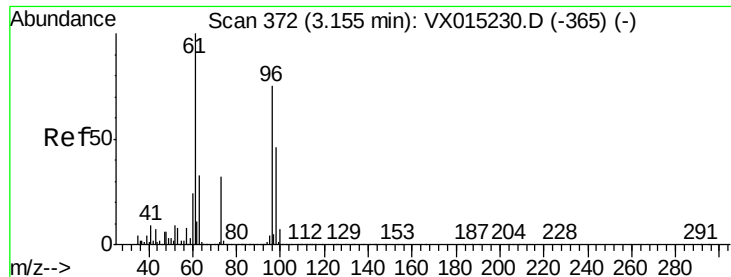
Delta R.T. -0.01 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Tgt Ion:	84	Resp:	447588
Ion Ratio		Lower	Upper
84	100		
49	126.4	99.5	149.3
51	38.4	31.0	46.6
86	63.7	52.0	78.0





#19

trans-1,2-Dichloroethene

Concen: 174.357 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

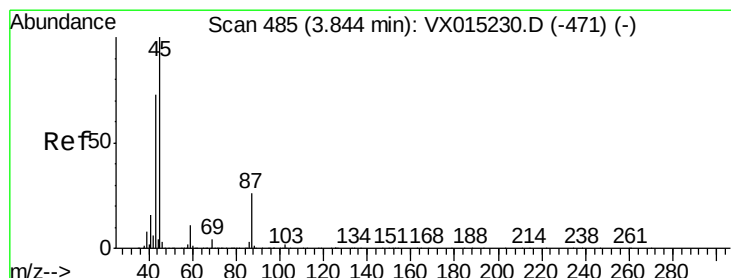
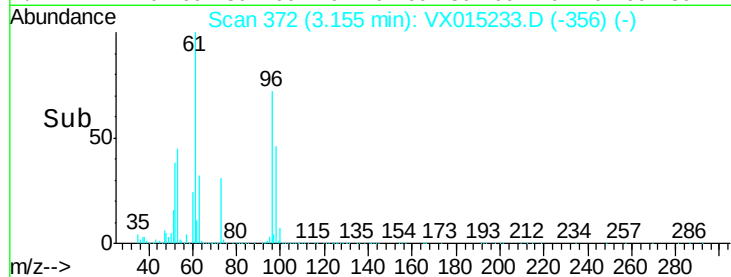
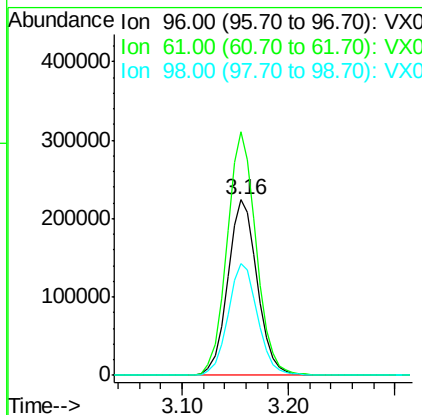
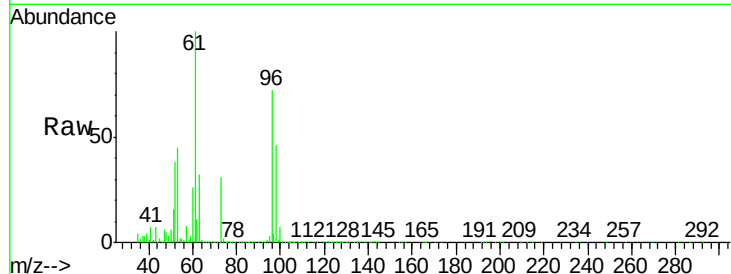
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	432830
Ion Ratio	Lower	Upper	
96	100		
61	138.9	106.3	159.5
98	63.8	49.1	73.7

Manual Integrations
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#20

Diisopropyl ether

Concen: 179.491 ug/l

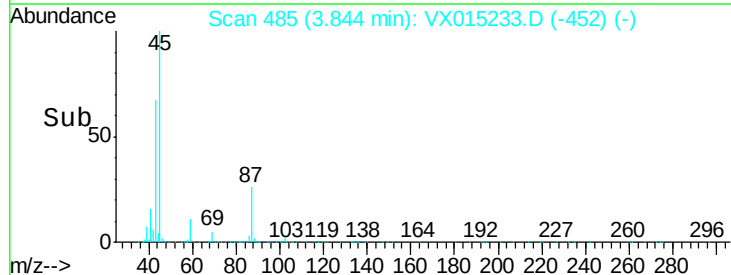
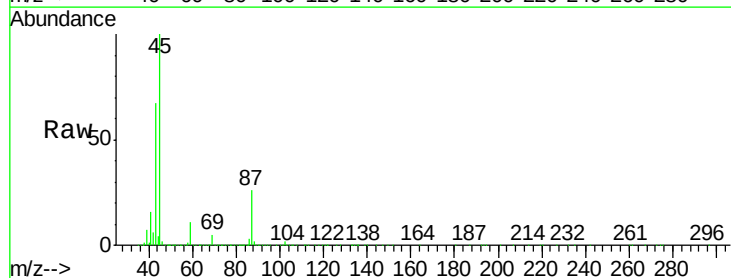
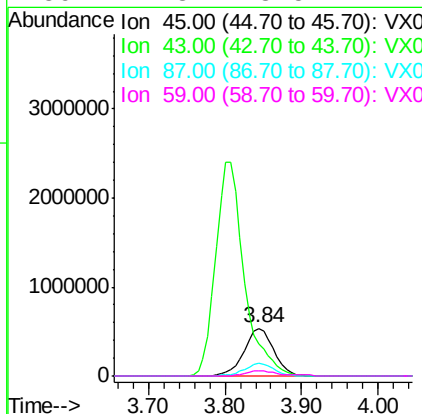
RT: 3.84 min Scan# 485

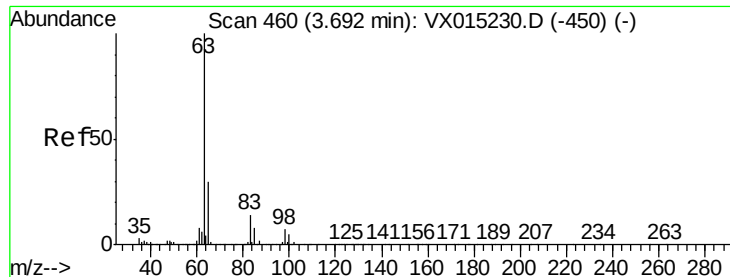
Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Tgt Ion:	45	Resp:	1441147
Ion Ratio	Lower	Upper	
45	100		
43	66.9	58.6	87.8
87	26.5	21.0	31.4
59	11.3	8.5	12.7





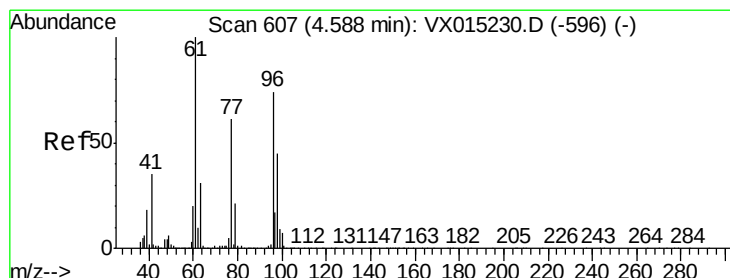
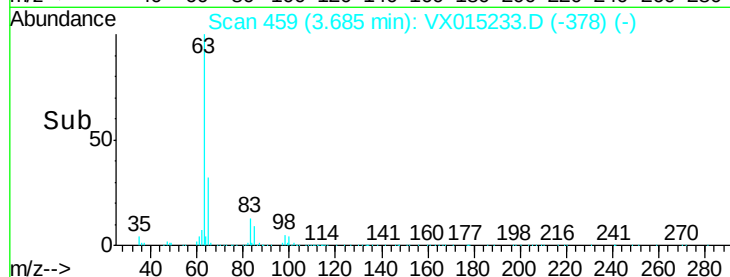
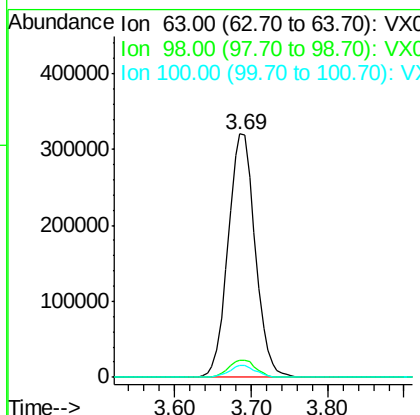
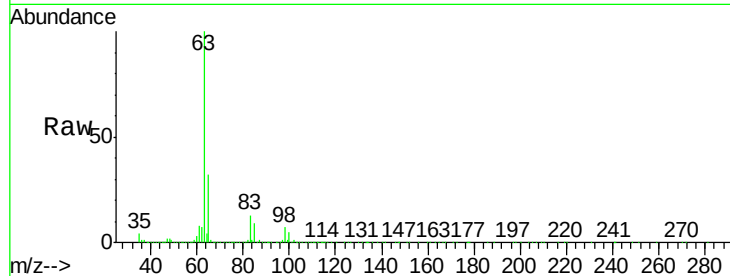
#21
1,1-Dichloroethane
Concen: 177.563 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.01 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	7.0	3.5	10.6
100	4.7	2.4	7.1

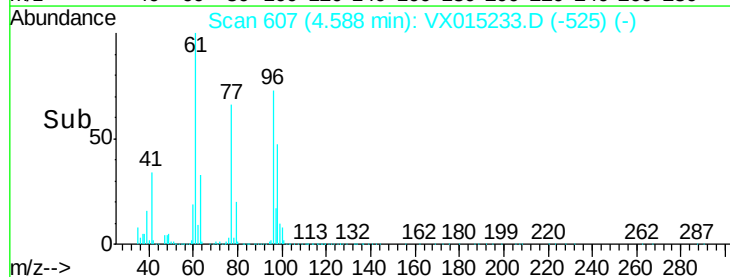
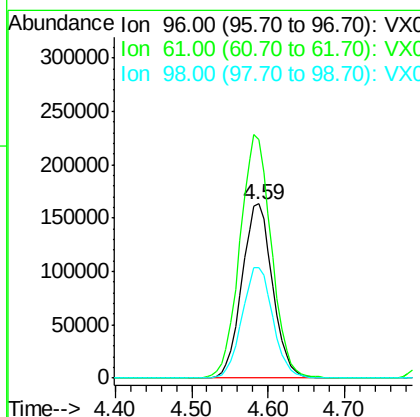
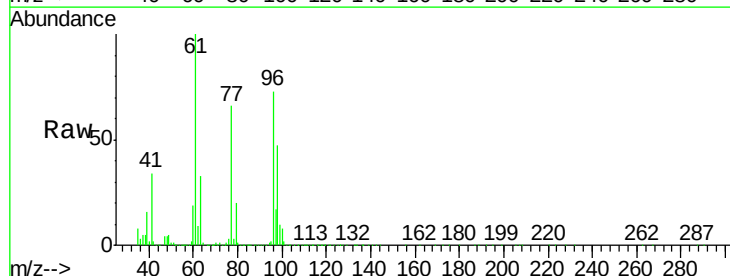
Manual Integrations
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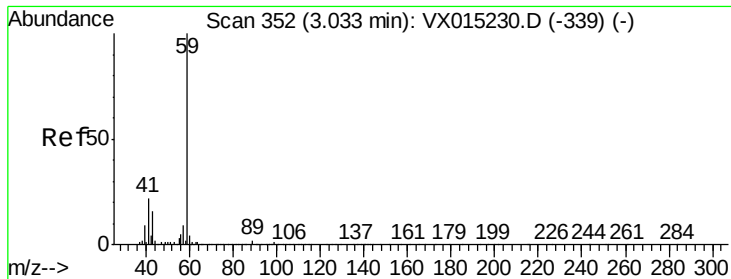
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#22
cis-1,2-Dichloroethene
Concen: 160.389 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	143.3	111.4	167.0
98	64.2	50.1	75.1





#23

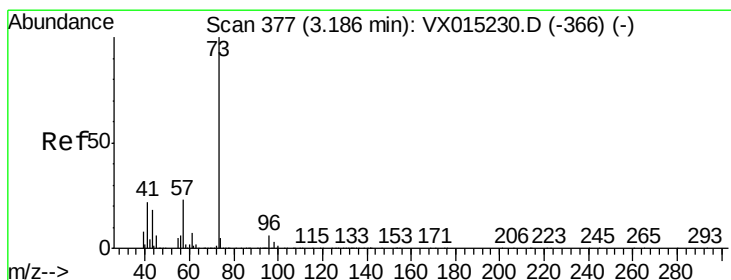
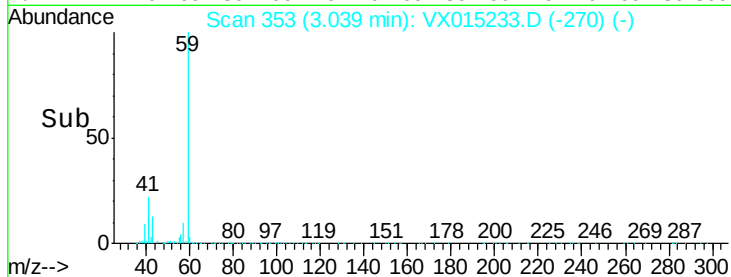
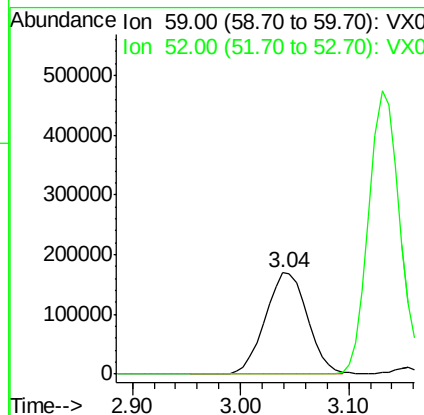
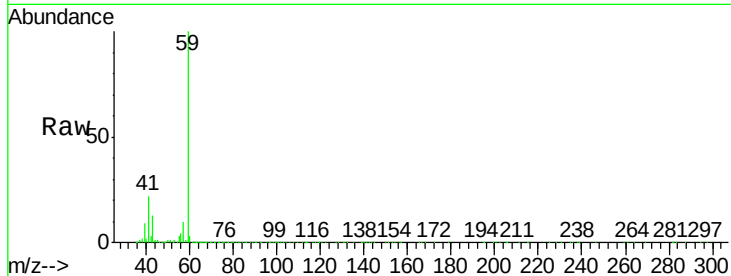
tert-Butyl Alcohol
Concen: 911.254 ug/l m
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.4	0.6#

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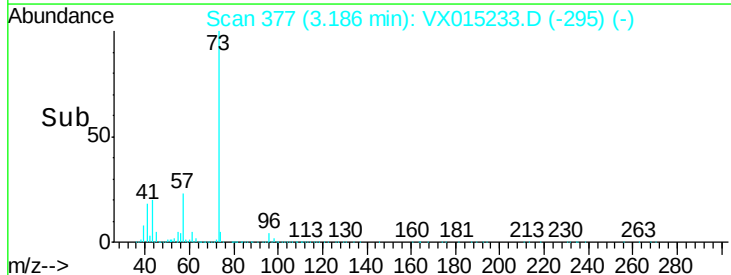
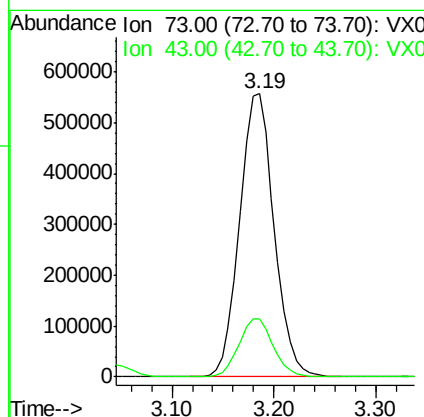
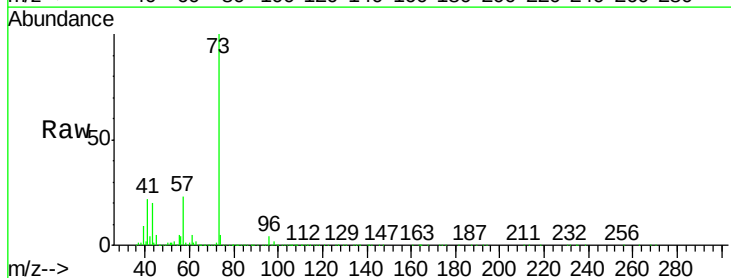
MMDadoda
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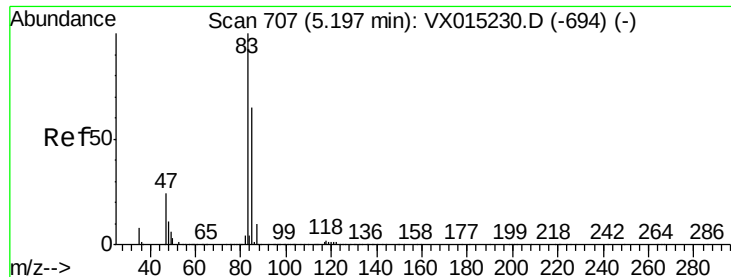


#24

Methyl tert-Butyl Ether
Concen: 173.160 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.3	15.9	23.9





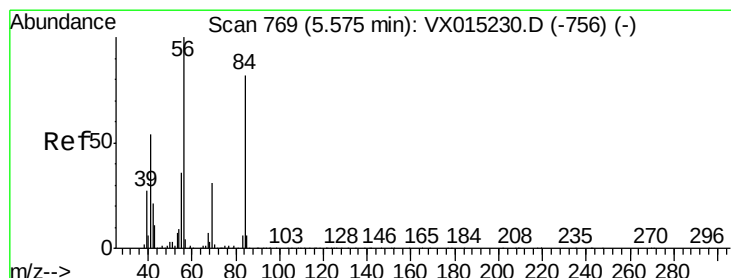
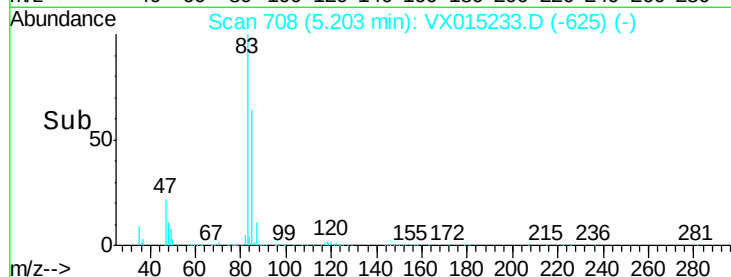
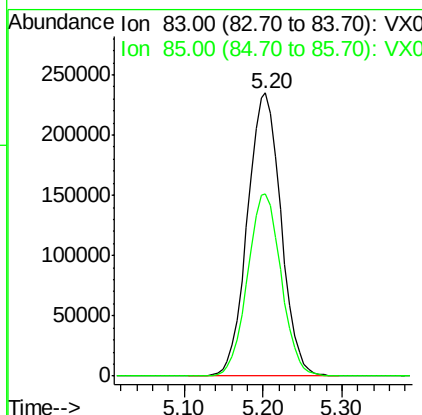
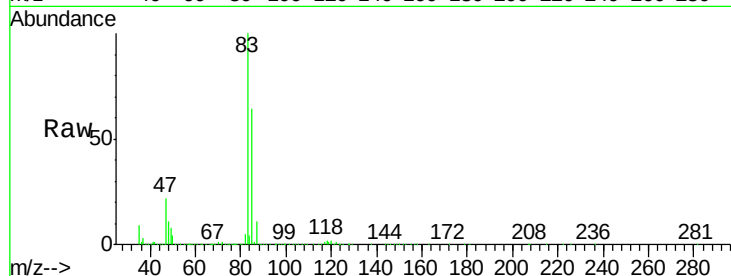
#25
Chloroform
Concen: 156.514 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.4	77.2

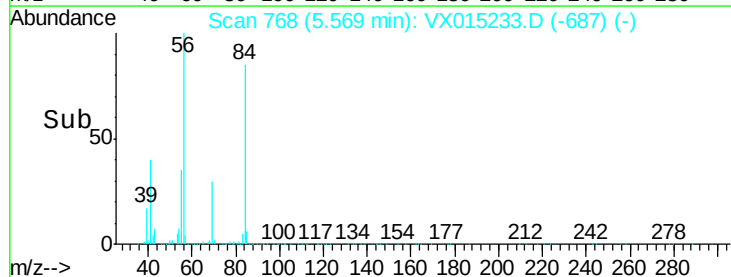
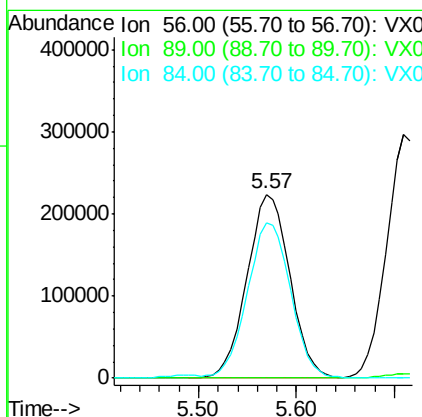
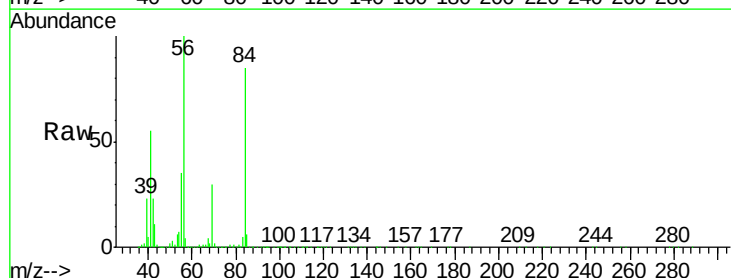
Manual Integrations
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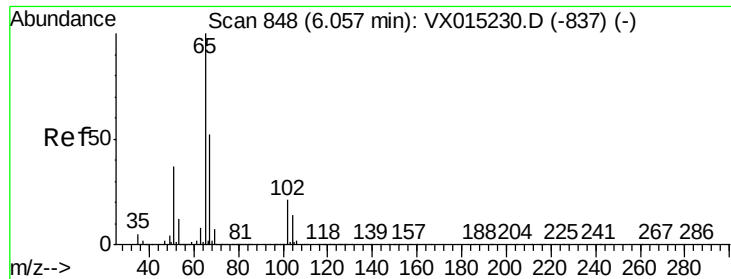
MMDadoda
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#26
Cyclohexane
Concen: 172.681 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.1	0.1#
84	85.8	68.2	102.4





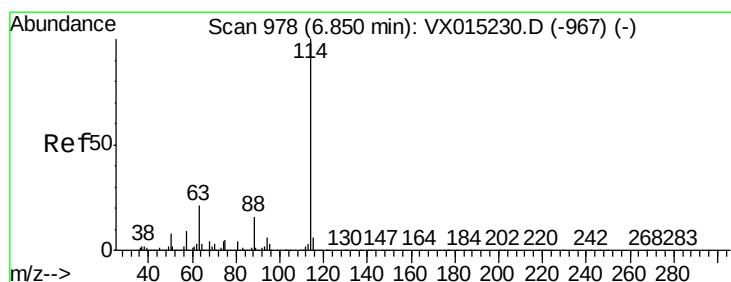
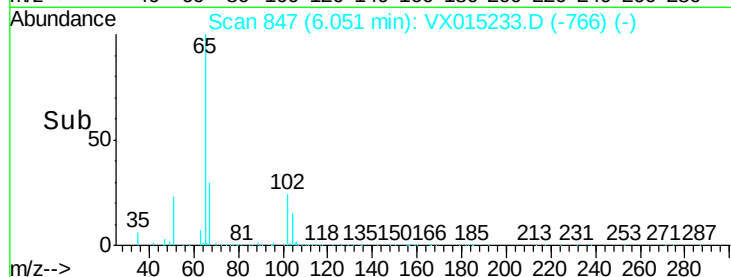
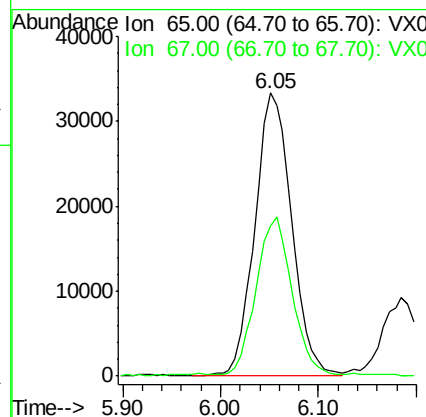
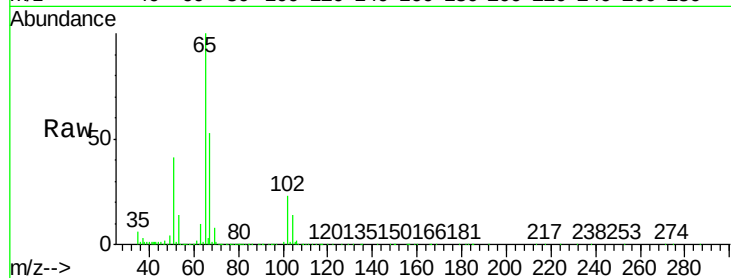
#27
1,2-Dichloroethane-d4
Concen: 29.197 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.01 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.4	43.5	65.3

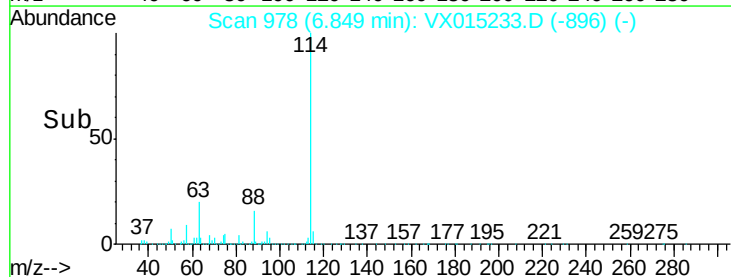
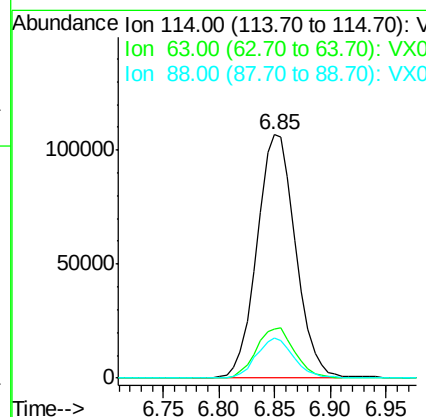
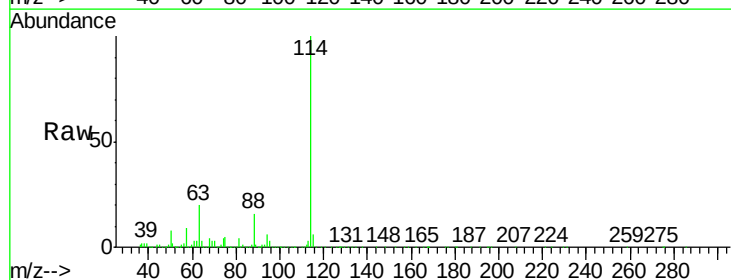
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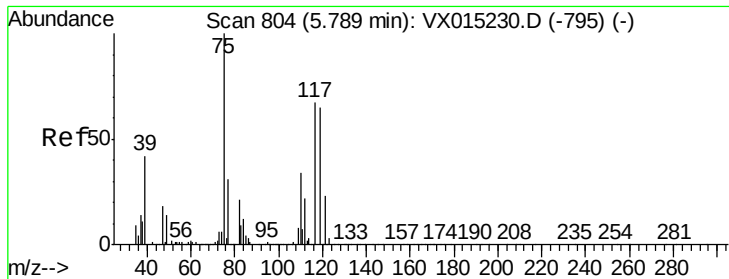
MMDadoda
3/16/2020 11:43:41 AM



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	16.6	24.8
88	16.0	12.6	19.0





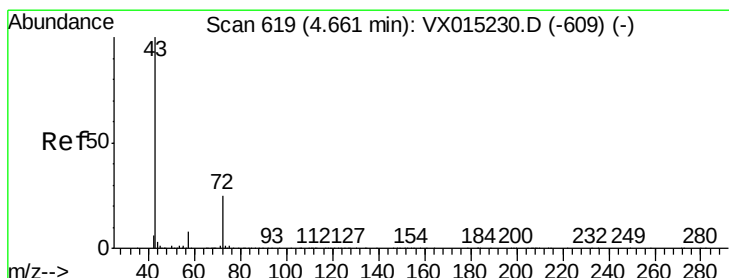
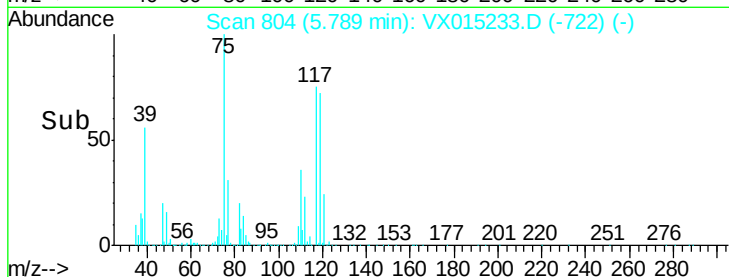
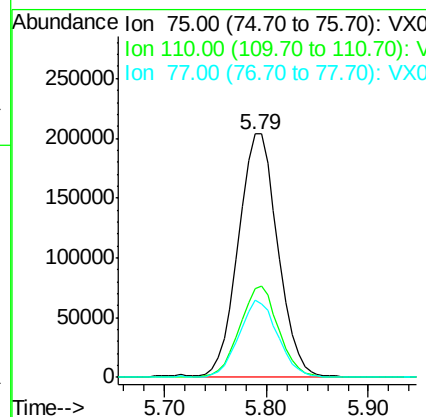
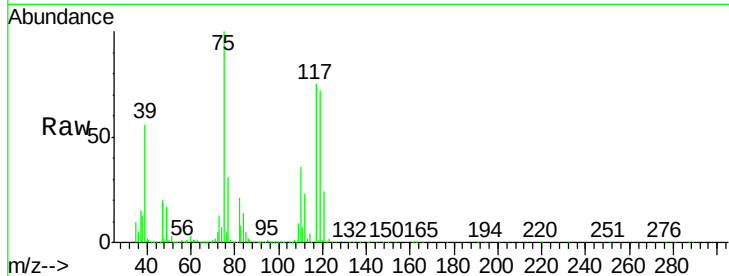
#29
 1,1-Dichloropropene
 Concen: 150.913 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.8	0.0	73.6
77	30.8	0.0	63.4

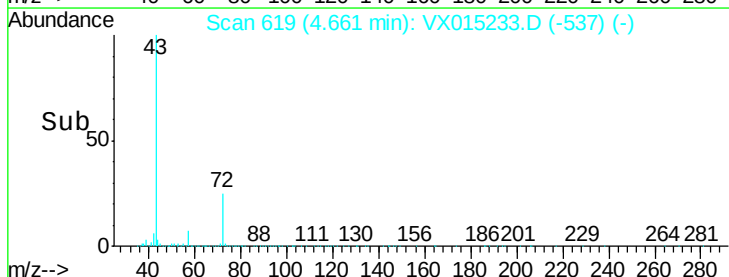
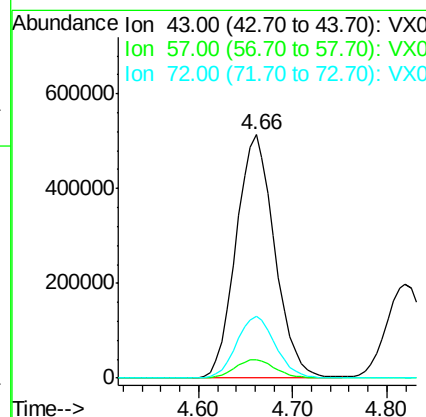
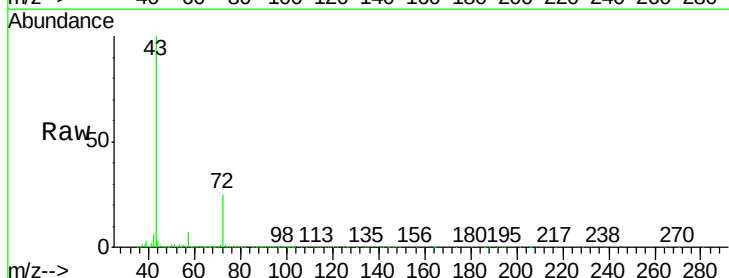
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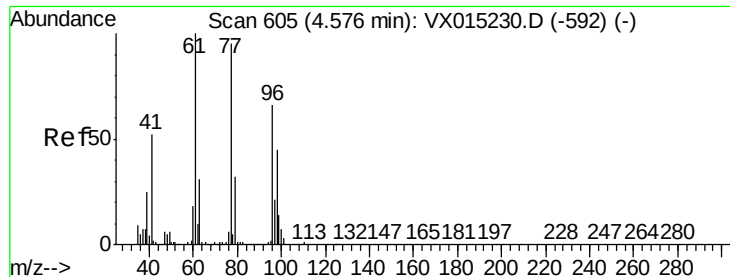
MMDadoda
 3/16/2020 11:43:41 AM



#30
 2-Butanone
 Concen: 695.721 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.7	6.4	9.6
72	25.4	19.9	29.9





#31

2,2-Dichloropropane

Concen: 145.994 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 77 Resp: 583587

Ion Ratio Lower Upper

77 100

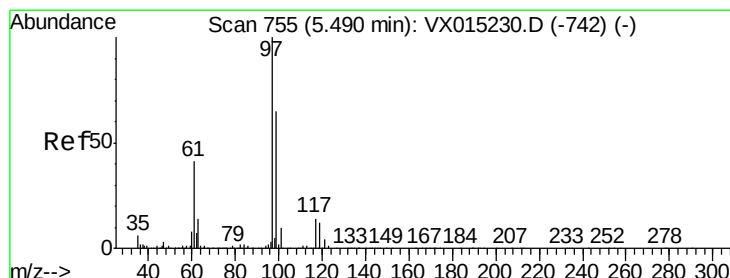
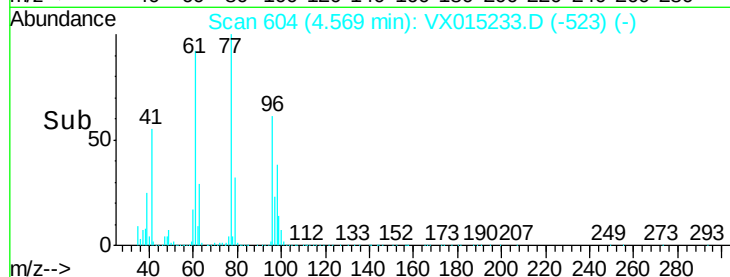
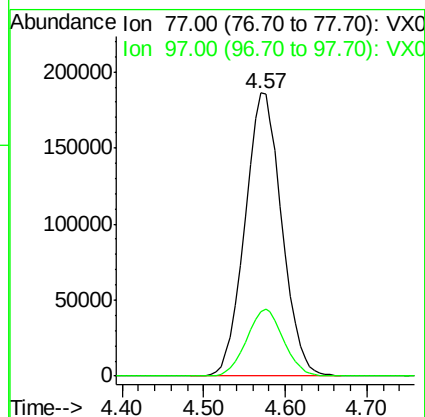
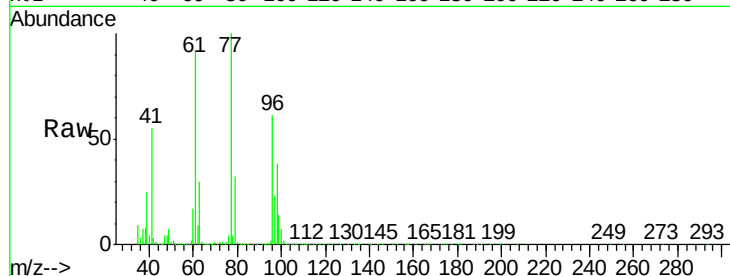
97 23.8 19.8 29.6

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#32

1,1,1-Trichloroethane

Concen: 145.854 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

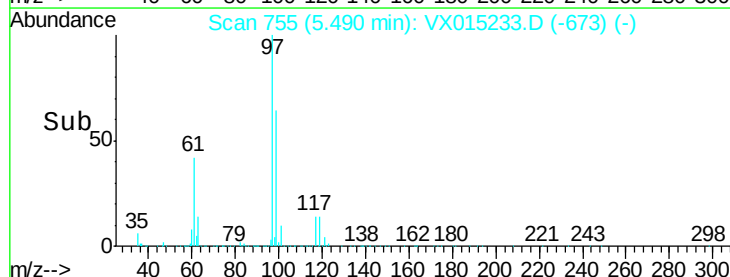
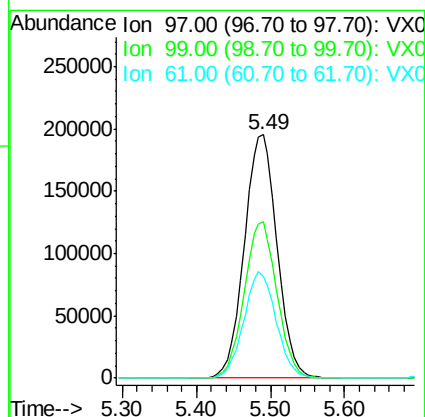
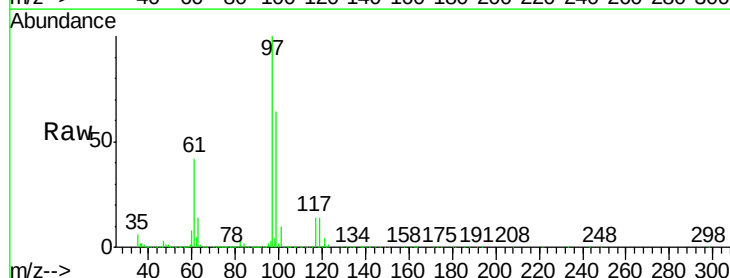
Tgt Ion: 97 Resp: 602968

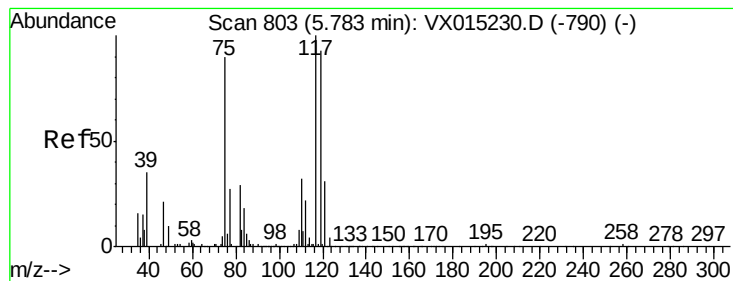
Ion Ratio Lower Upper

97 100

99 64.0 52.0 78.0

61 43.2 35.0 52.6





#33

Carbon Tetrachloride

Concen: 147.030 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.01 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

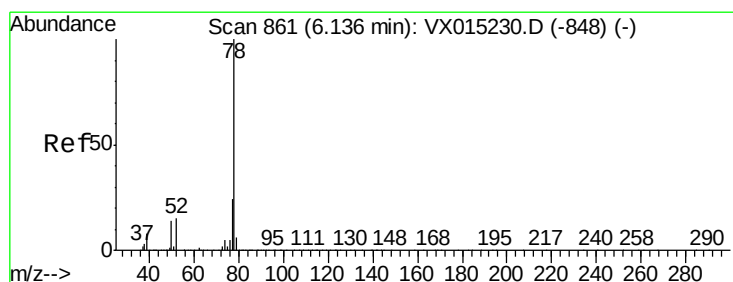
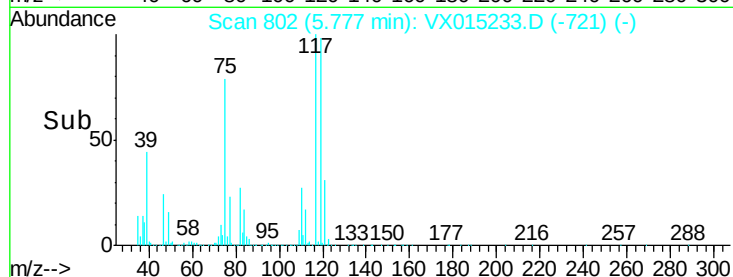
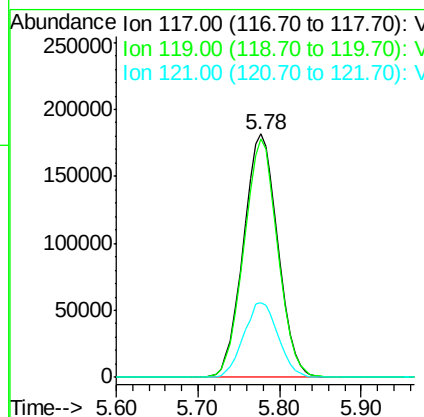
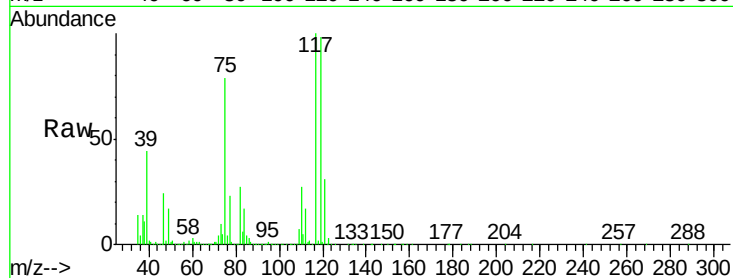
ClientSampleId :

VSTDIC150

Tot Ion:	117	Resp:	532084
Ion Ratio	Lower	Upper	
117	100		
119	97.9	74.2	111.4
121	30.7	24.3	36.5

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#34

Benzene

Concen: 150.631 ug/l

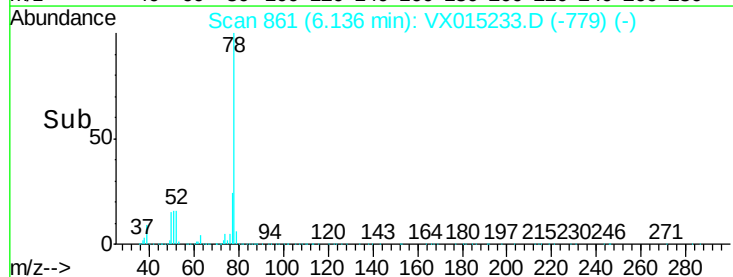
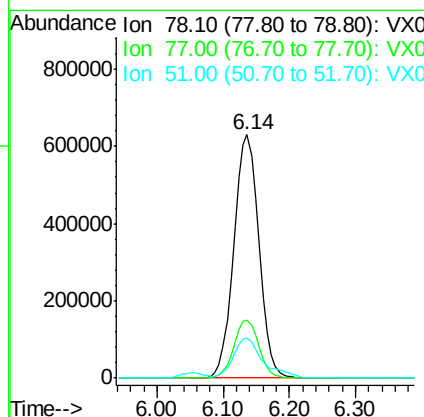
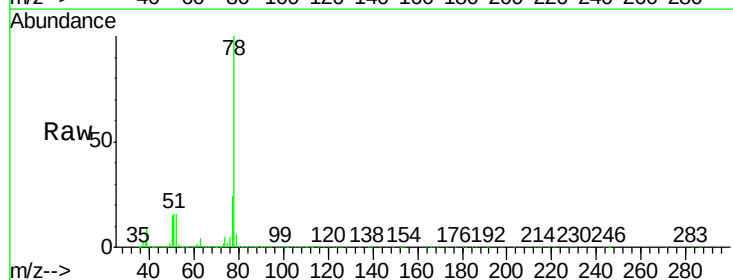
RT: 6.14 min Scan# 861

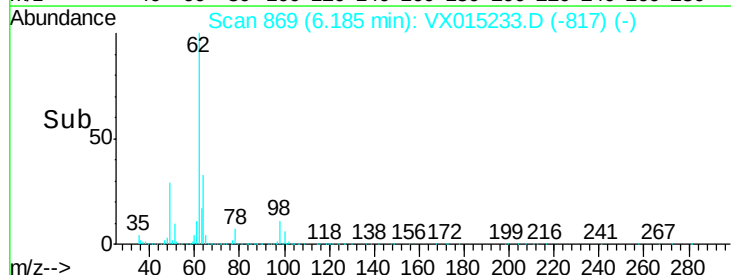
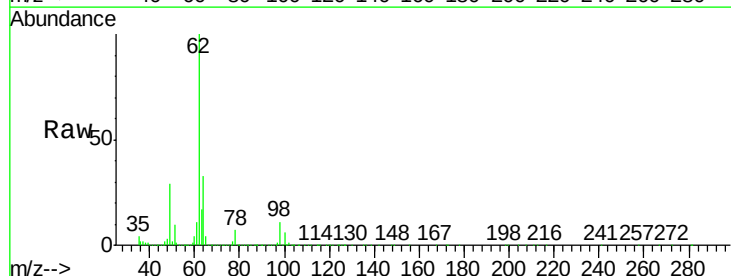
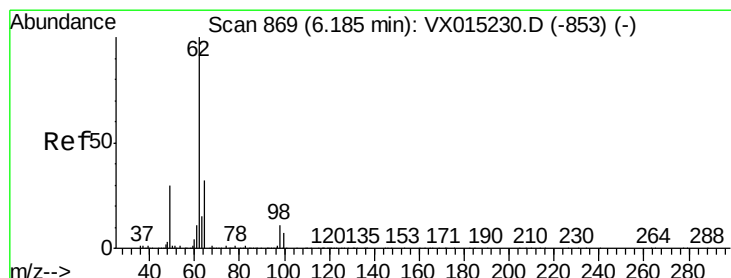
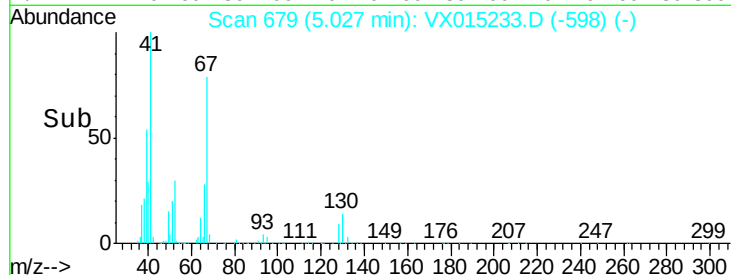
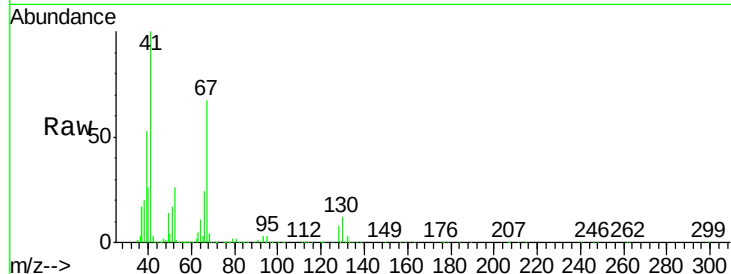
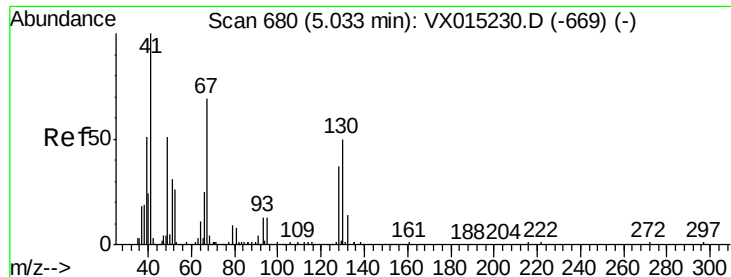
Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

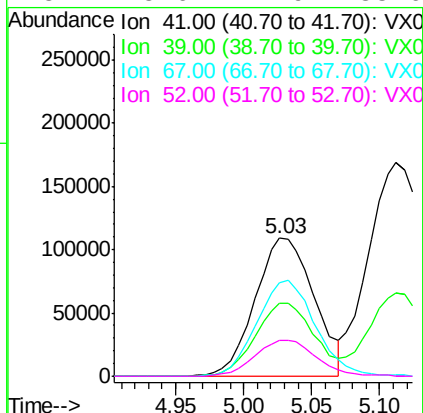
Tgt Ion:	78	Resp:	1654643
Ion Ratio	Lower	Upper	
78	100		
77	23.9	19.1	28.7
51	16.4	13.4	20.2





#35
Methacrylonitrile
Concen: 153.602 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.1	25.7	77.1	
67	67.4	34.3	102.8	
52	25.6	12.9	38.6	



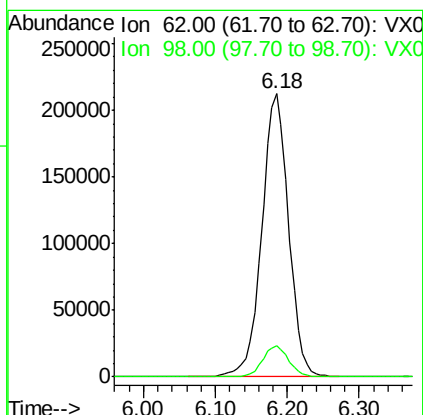
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

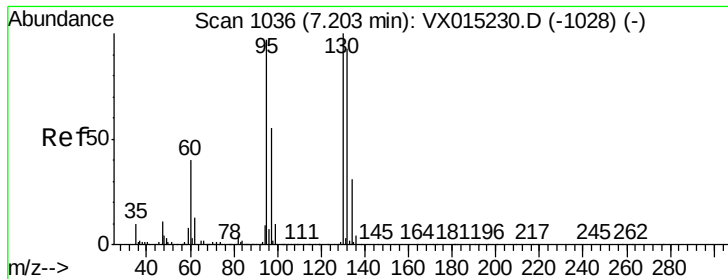
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#36
1,2-Dichloroethane
Concen: 140.642 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.18 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.7	8.4	12.6	





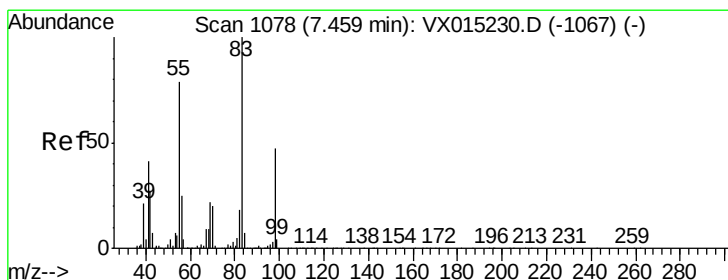
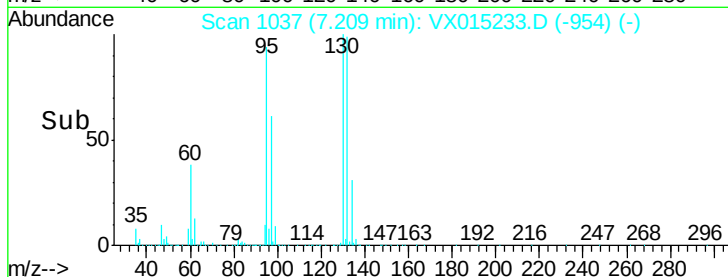
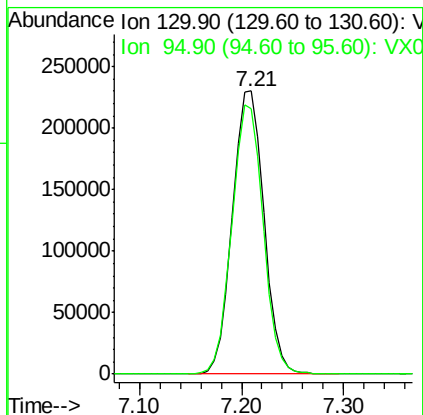
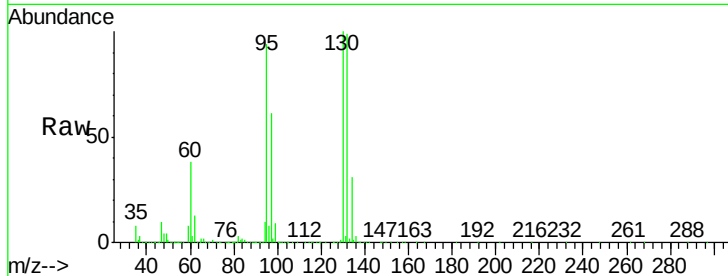
#37
 Trichloroethene
 Concen: 159.890 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
130	100		
95	93.8	77.4	116.0

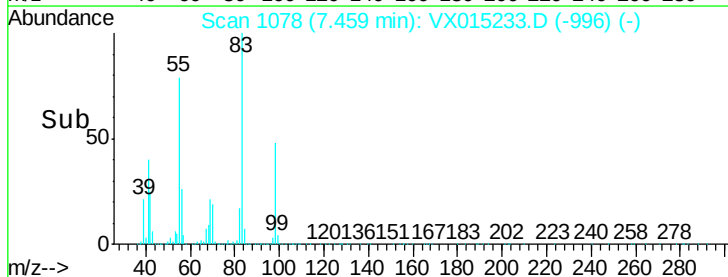
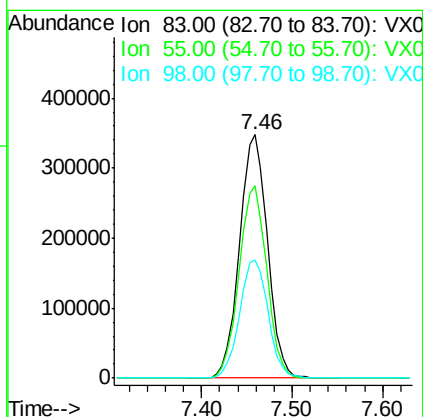
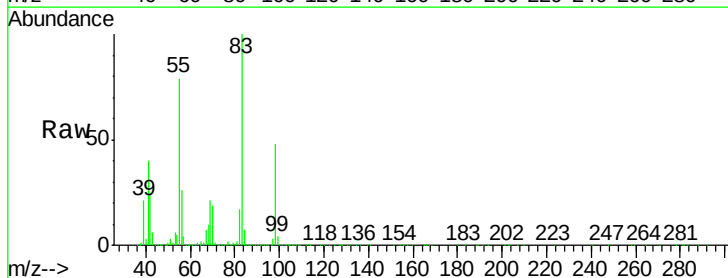
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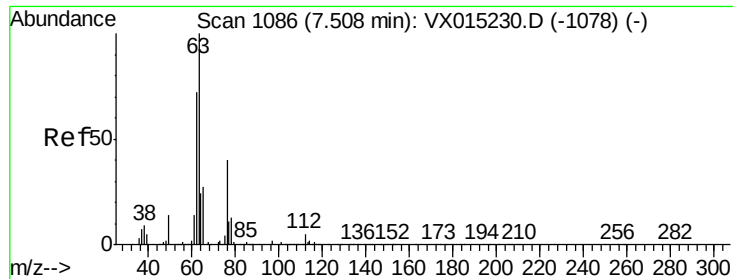
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#38
 Methylcyclohexane
 Concen: 164.915 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.0	39.1	117.2
98	49.5	24.4	73.2





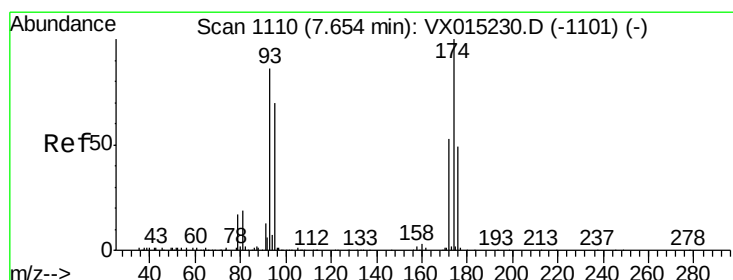
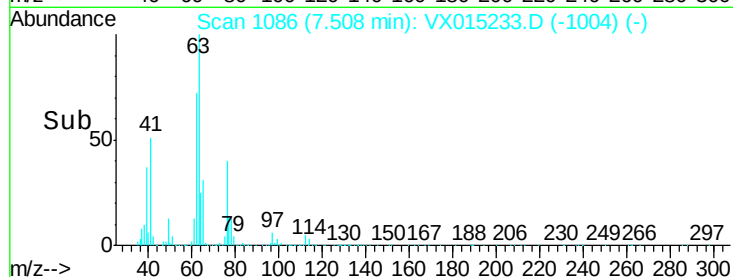
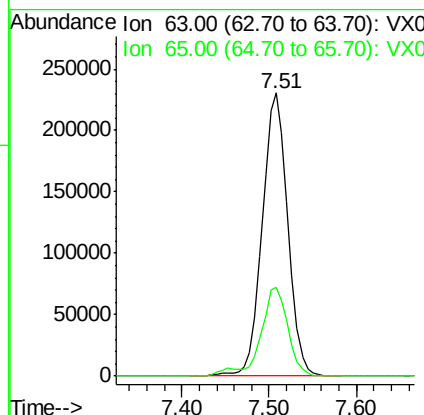
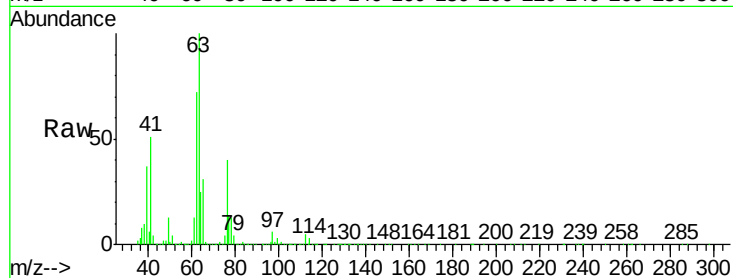
#39
 1,2-Dichloropropane
 Concen: 166.126 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	23.2	34.8

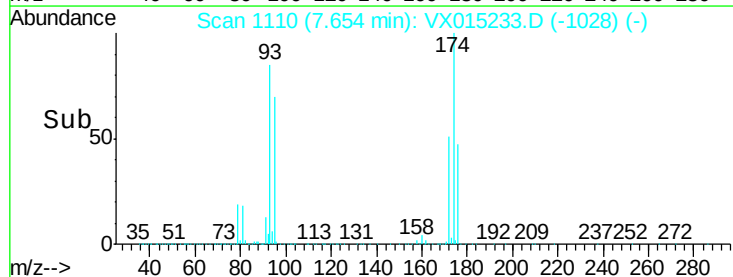
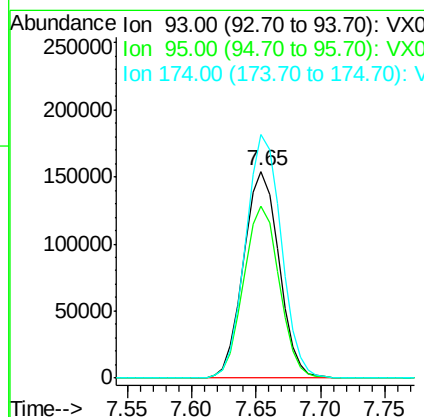
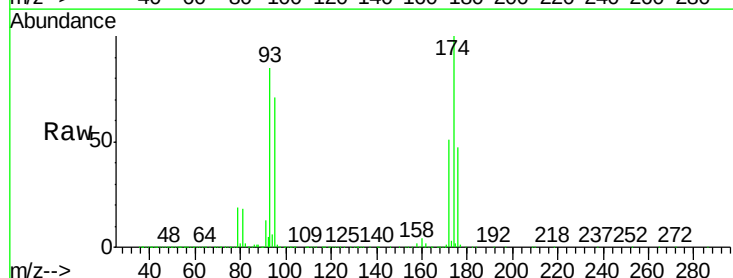
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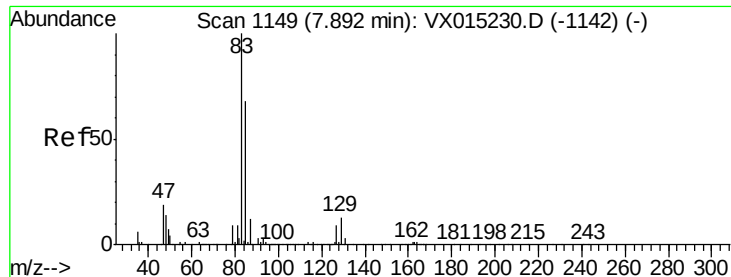
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#40
 Dibromomethane
 Concen: 156.260 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	0.0	162.6
174	118.7	0.0	233.6





#41

Bromodichloromethane

Concen: 161.818 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

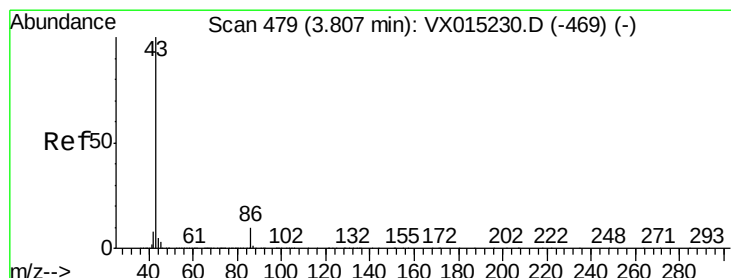
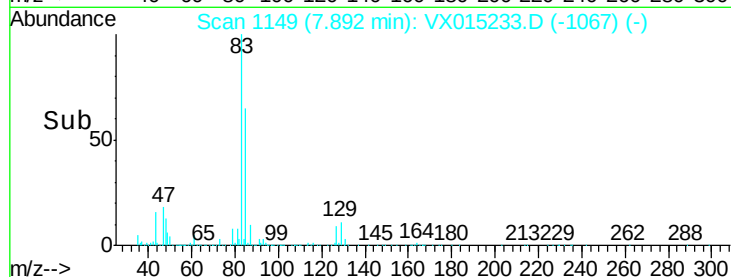
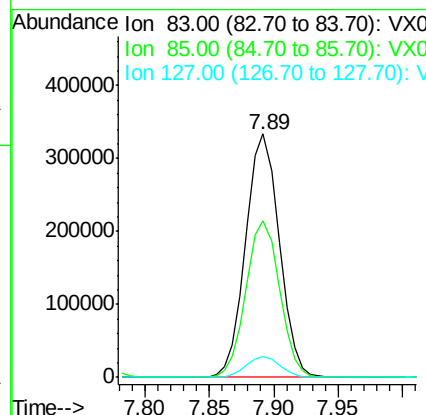
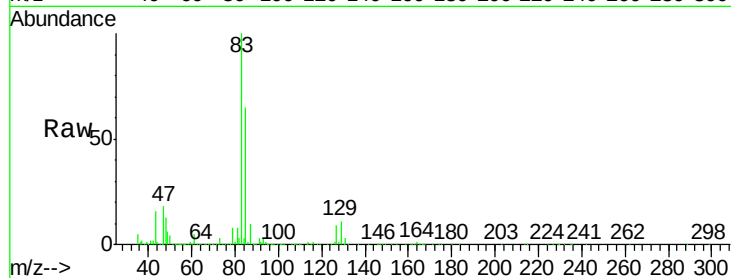
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	603515
Ion Ratio	Lower	Upper	
83	100		
85	64.5	54.2	81.4
127	8.7	7.1	10.7

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#42

Vinyl Acetate

Concen: 842.879 ug/l

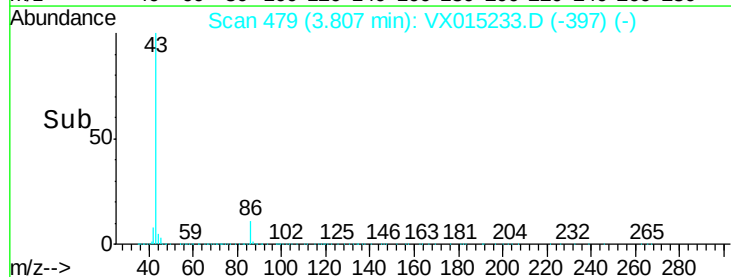
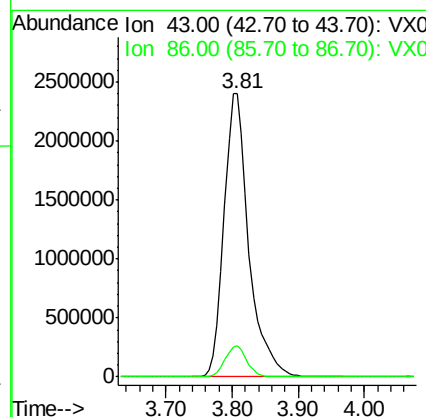
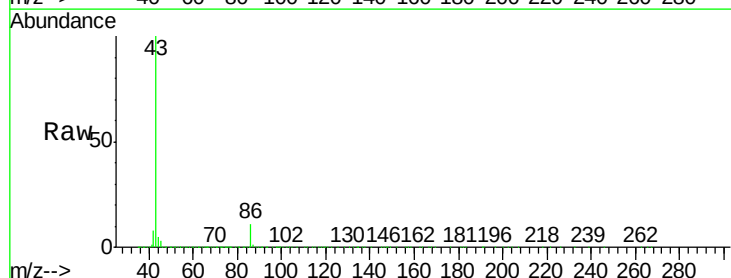
RT: 3.81 min Scan# 479

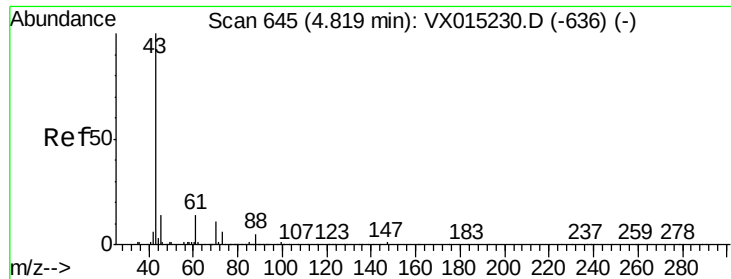
Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Tgt Ion:	43	Resp:	6233883
Ion Ratio	Lower	Upper	
43	100		
86	9.5	7.4	11.2





#43

Ethyl Acetate

Concen: 152.279 ug/l

RT: 4.82 min Scan# 645

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 578954

Ion Ratio Lower Upper

43 100

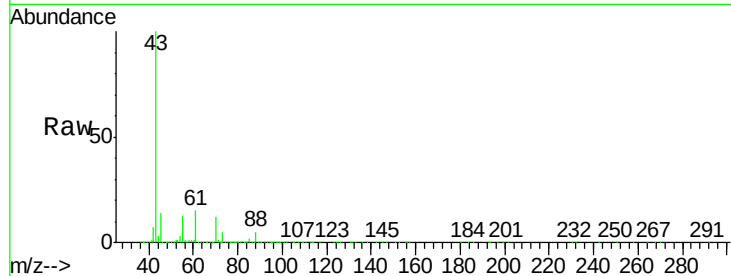
45 14.9 11.7 17.5

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

300000

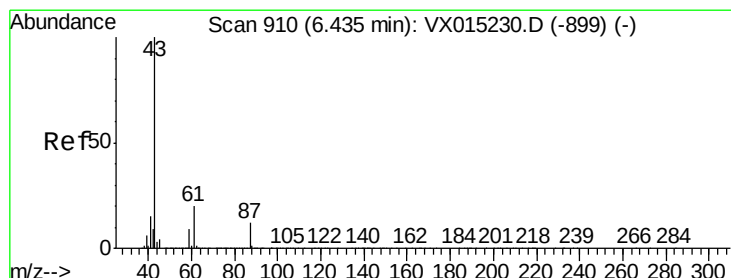
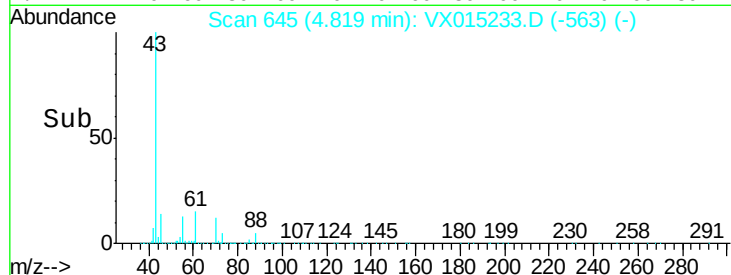
200000

100000

0

4.70 4.80 4.90

Time-->



#44

Isopropyl Acetate

Concen: 153.815 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX015233.D

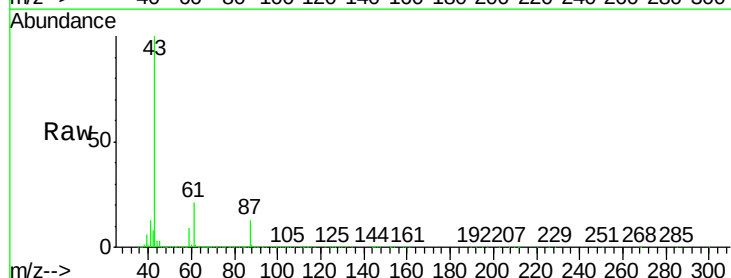
Acq: 12 Mar 2020 13:23

Tgt Ion: 43 Resp: 983084

Ion Ratio Lower Upper

43 100

61 20.7 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

300000

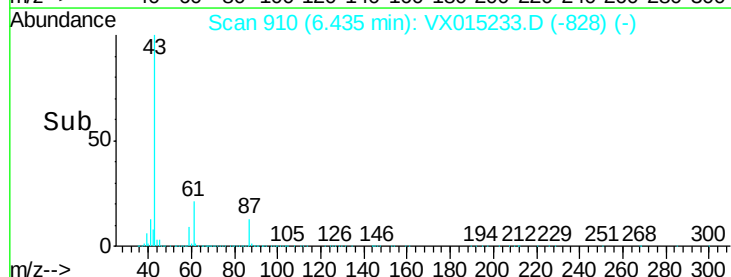
200000

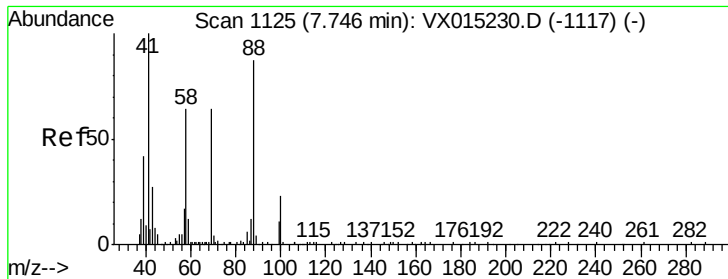
100000

0

6.30 6.40 6.50

Time-->





#45

1,4-Dioxane

Concen: 3637.014 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.01 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

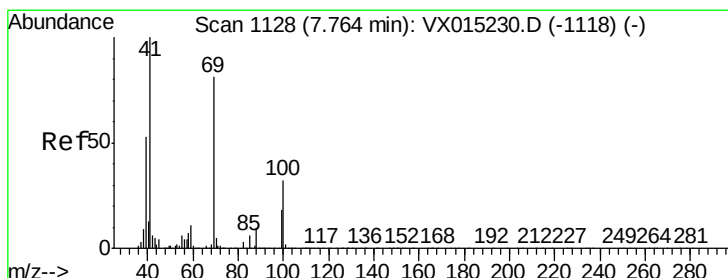
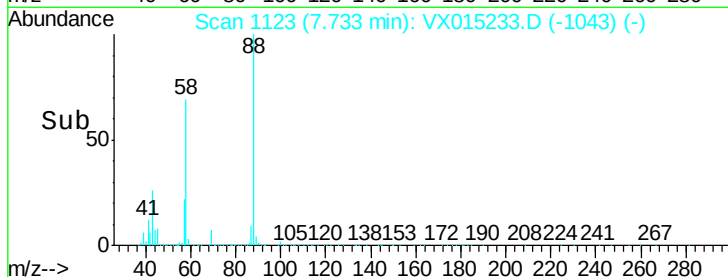
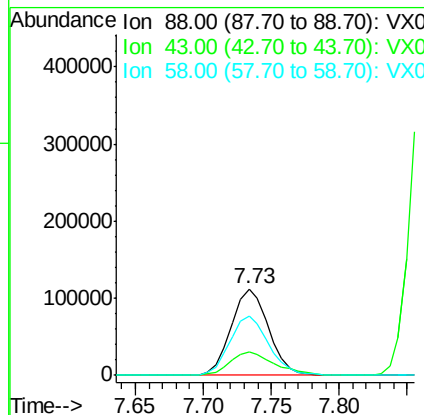
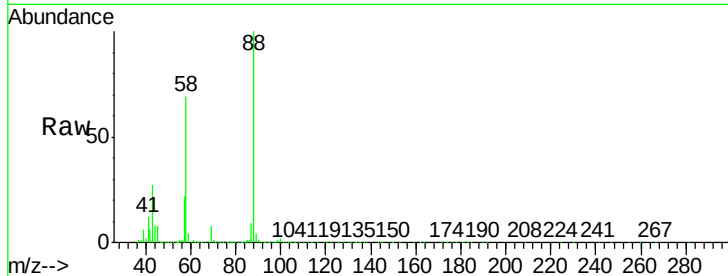
ClientSampleId :

VSTDIC150

Tot Ion:	88	Resp:	214791
Ion	Ratio	Lower	Upper
88	100		
43	31.3	26.4	39.6
58	71.5	57.3	85.9

Manual Integrations
APPROVED

MMDadoda
3/16/2020 11:43:41 AM



#46

Methyl methacrylate

Concen: 167.728 ug/l

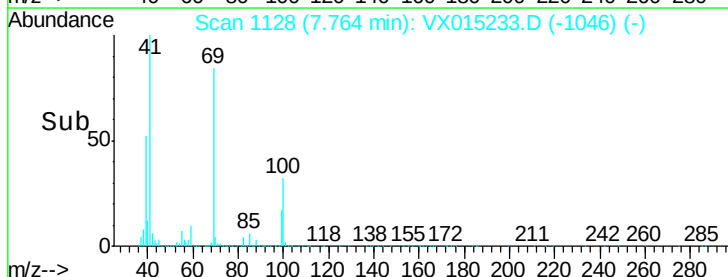
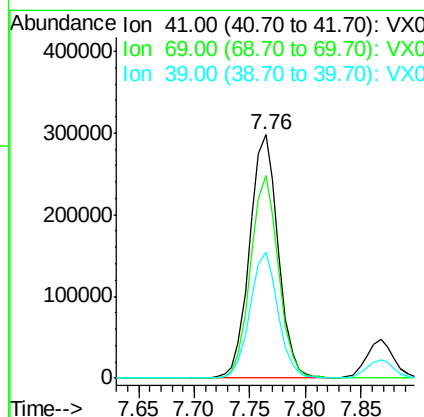
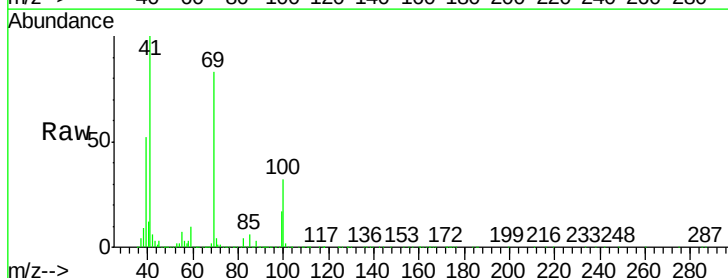
RT: 7.76 min Scan# 1128

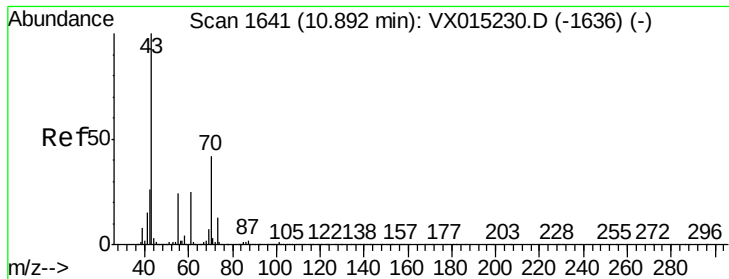
Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Tgt Ion:	41	Resp:	530340
Ion	Ratio	Lower	Upper
41	100		
69	83.5	40.5	121.4
39	51.6	26.6	79.8





#47

n-amvl Acetate

Concen: 169.660 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 939387

Ion Ratio Lower Upper

43 100

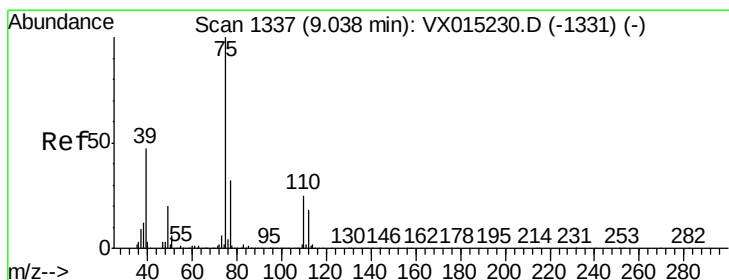
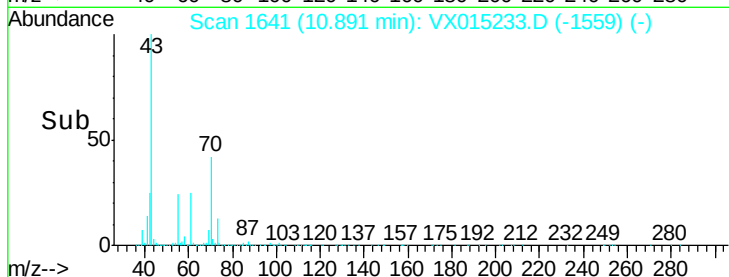
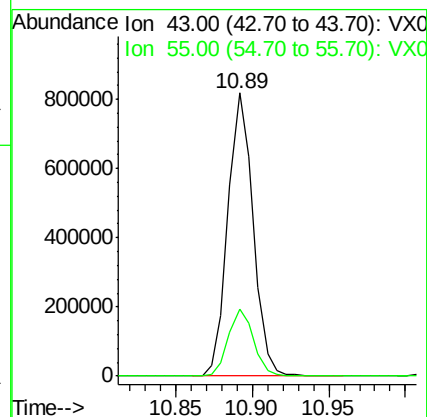
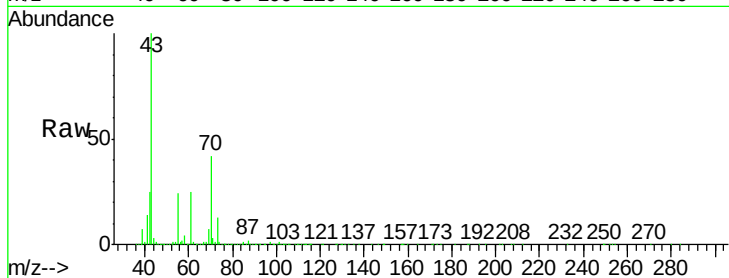
55 23.5 20.4 30.6

Manual Integrations

APPROVED

MMDadoda

3/16/2020 11:43:41 AM



#48

t-1,3-Dichloropropene

Concen: 158.488 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX015233.D

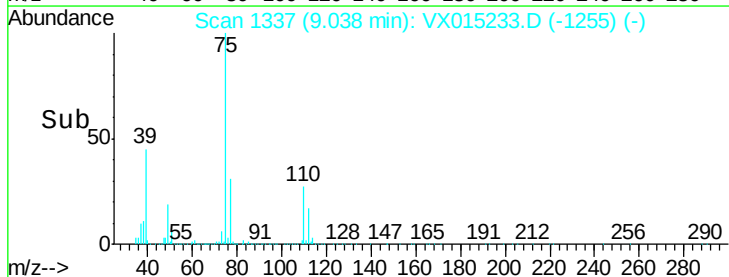
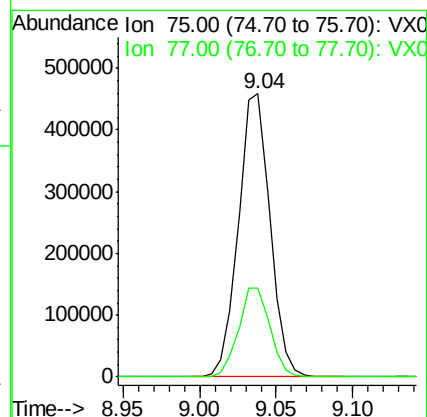
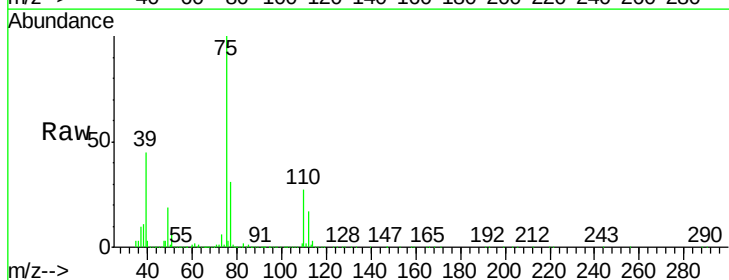
Acq: 12 Mar 2020 13:23

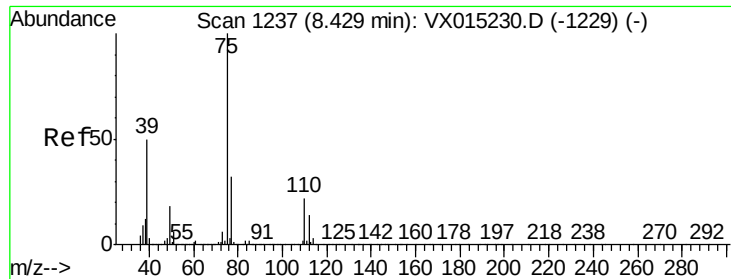
Tgt Ion: 75 Resp: 655800

Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7





#49

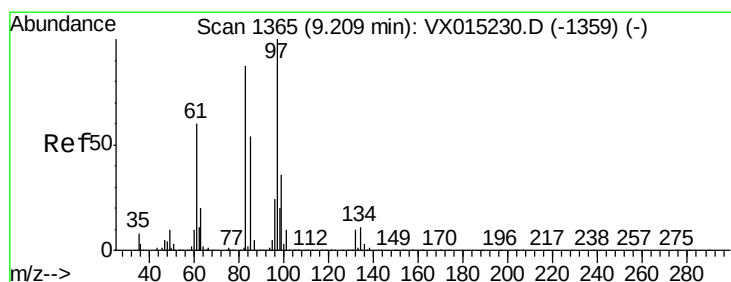
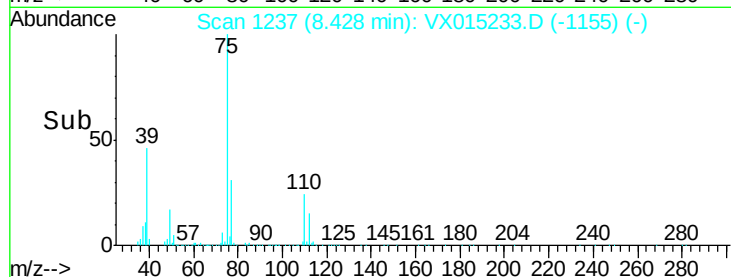
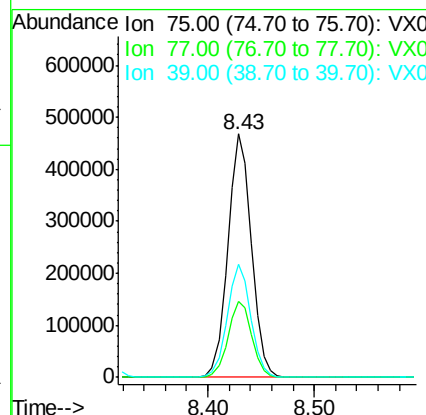
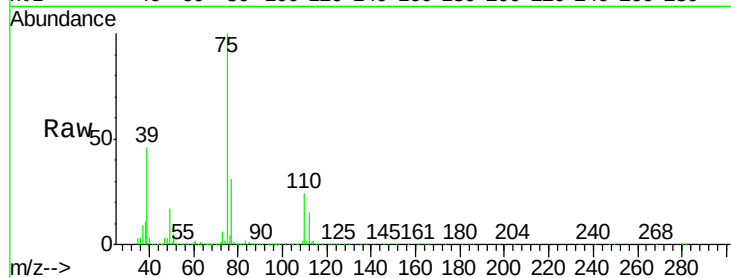
cis-1,3-Dichloropropene
Concen: 158.235 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.3	37.9
39	46.1	39.8	59.6

Manual Integrations
APPROVED

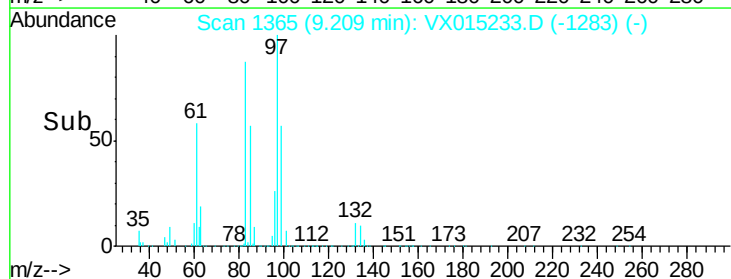
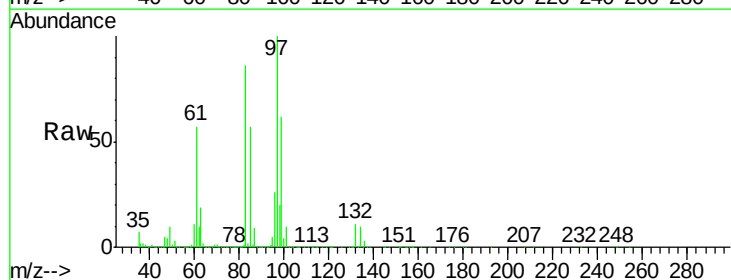
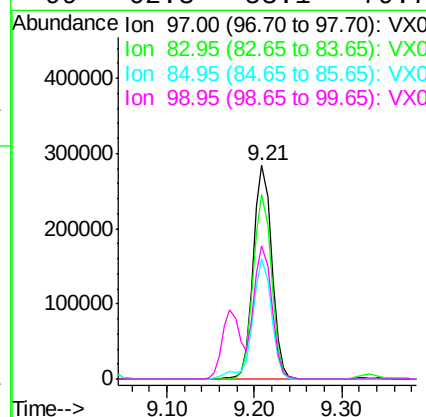
MMDadoda
3/16/2020 11:43:41 AM

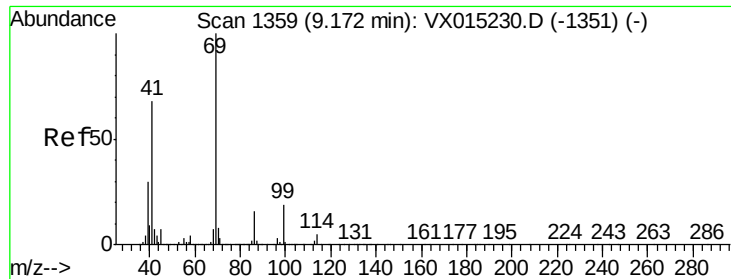


#50

1,1,2-Trichloroethane
Concen: 147.719 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.7	104.5
85	56.5	45.4	68.0
99	62.3	53.1	79.7





#51

Ethyl methacrylate

Concen: 159.898 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

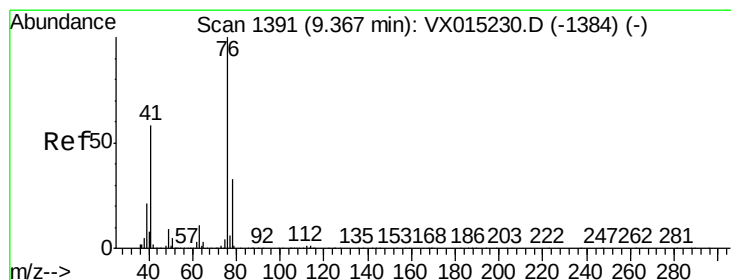
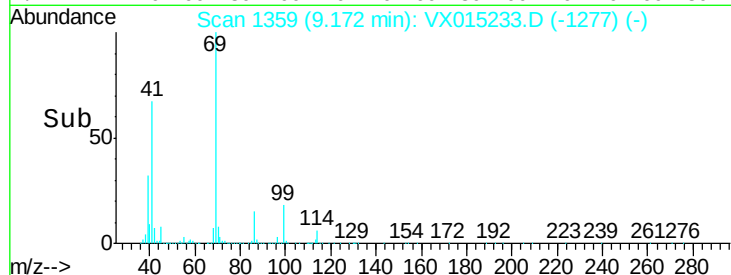
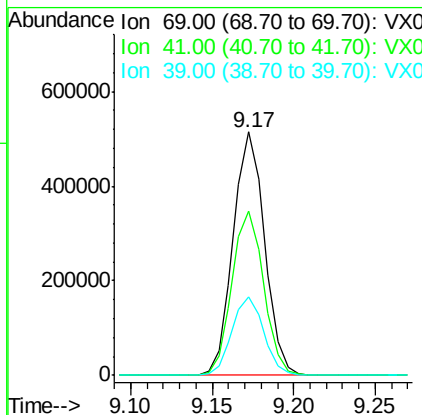
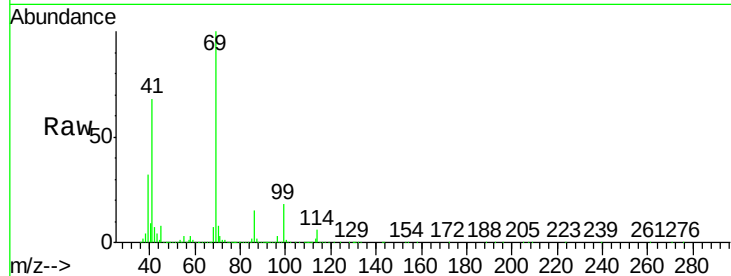
ClientSampleId :

VSTDIC150

Tot Ion:	69	Resp:	694196
Ion Ratio	Lower	Upper	
69	100		
41	67.6	33.8	101.3
39	32.1	15.1	45.3

Manual Integrations
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MMDadoda
3/16/2020 11:43:41 AM



#52

1,3-Dichloropropane

Concen: 147.363 ug/l

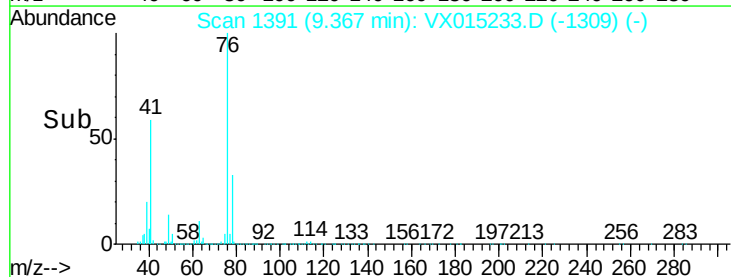
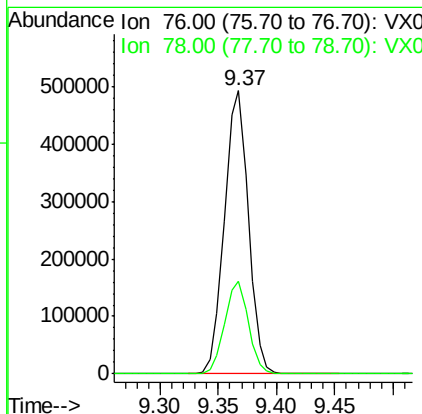
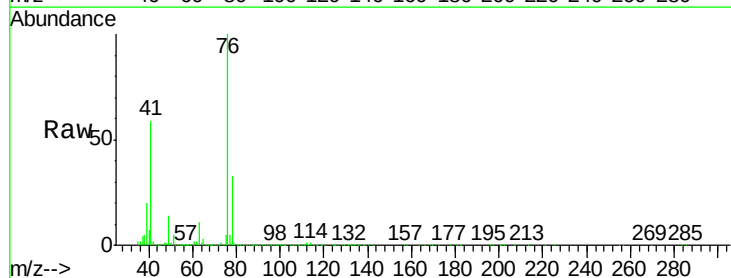
RT: 9.37 min Scan# 1391

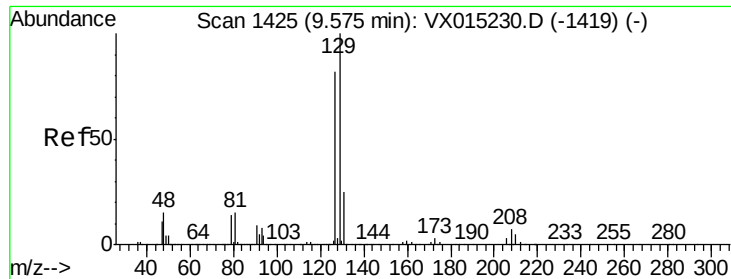
Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Tgt Ion:	76	Resp:	701225
Ion Ratio	Lower	Upper	
76	100		
78	32.5	0.0	65.2





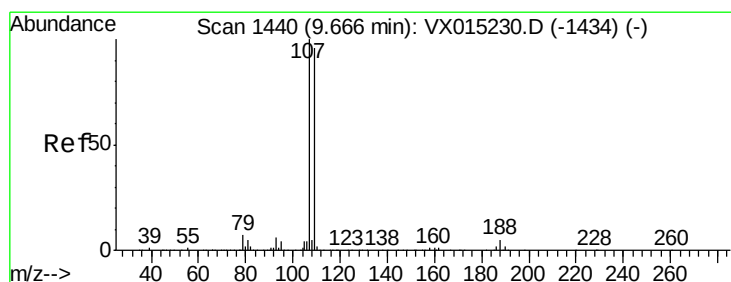
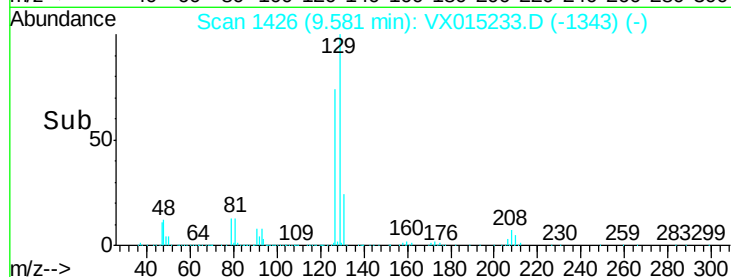
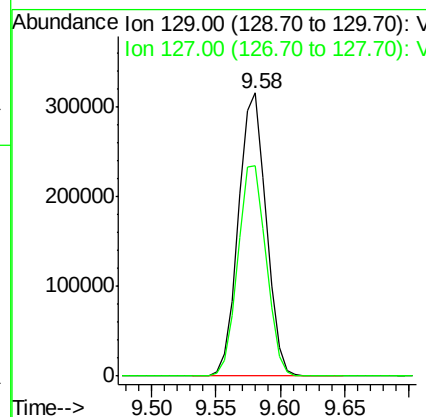
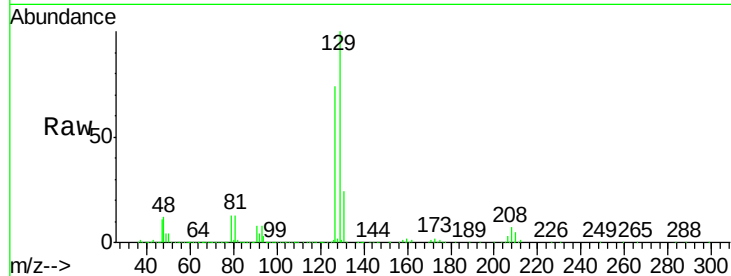
#53
Dibromochloromethane
Concen: 155.720 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		473574		
127	76.1		40.4	121.1	

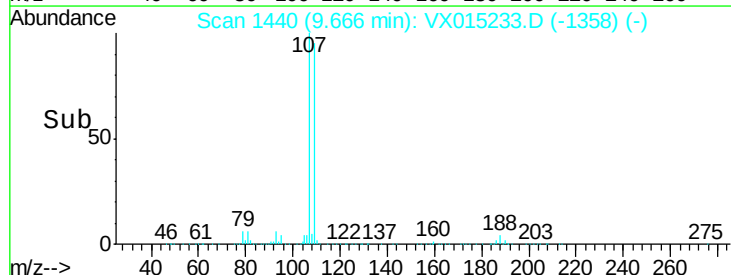
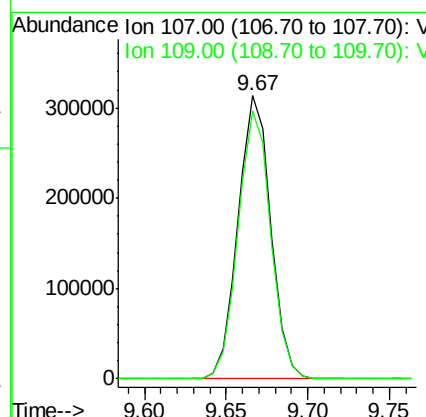
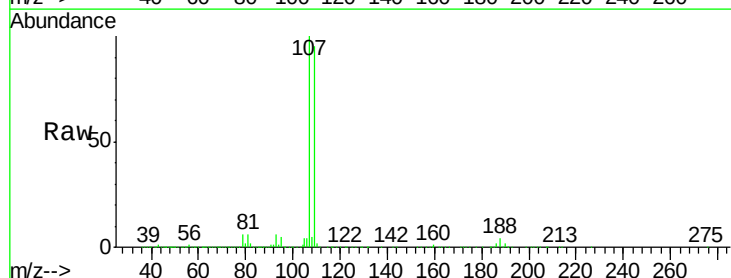
Manual Integrations
APPROVED

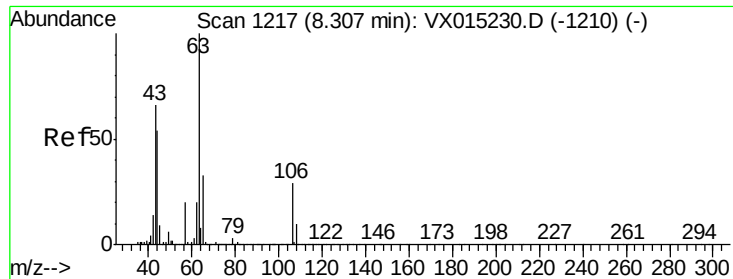
MMDadoda
3/16/2020 11:43:41 AM



#54
1,2-Dibromoethane
Concen: 146.720 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		438173		
109	94.1		75.0	112.4	





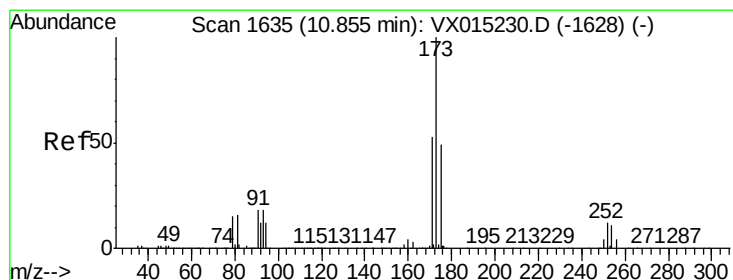
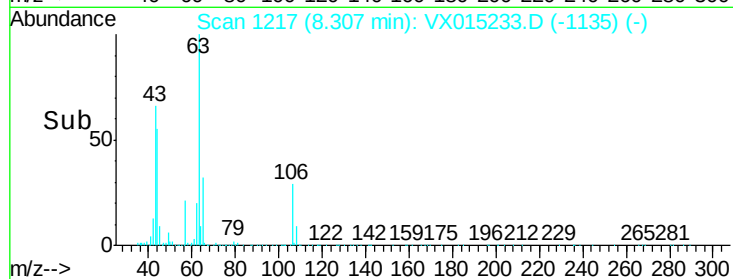
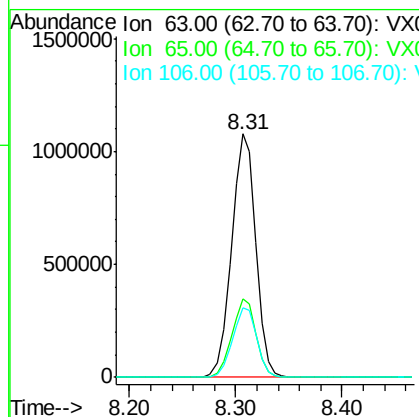
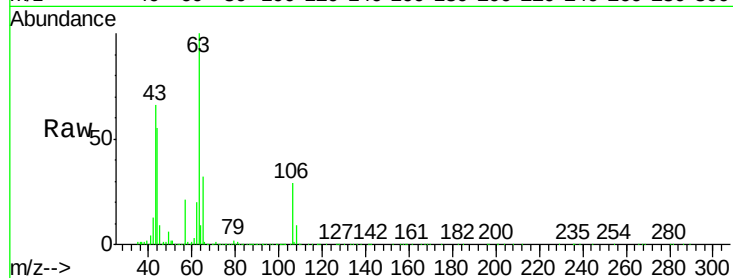
#55
2-Chloroethyl vinyl ether
Concen: 738.557 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.6	38.4
106	28.8	23.0	34.4

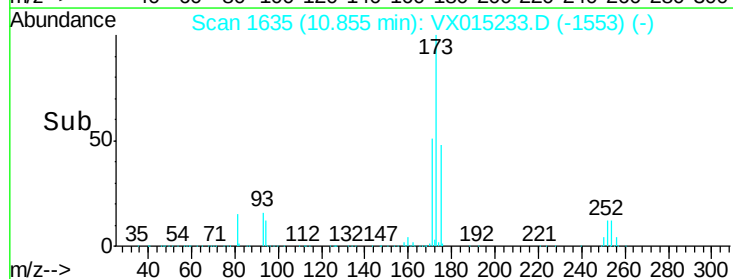
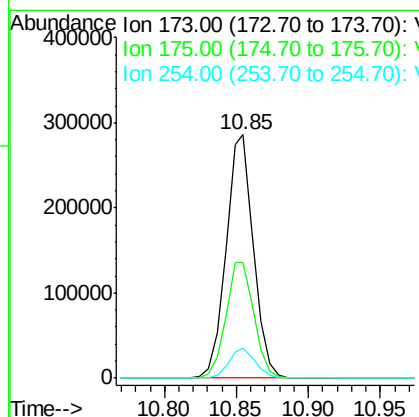
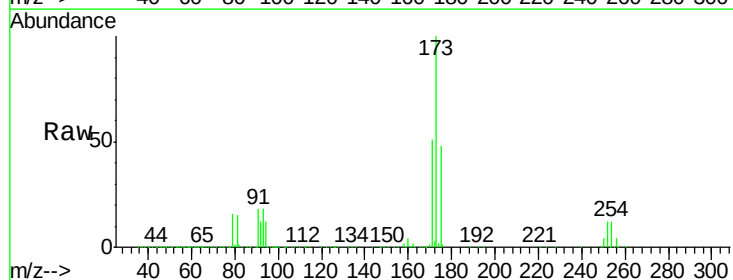
Manual Integrations
APPROVED

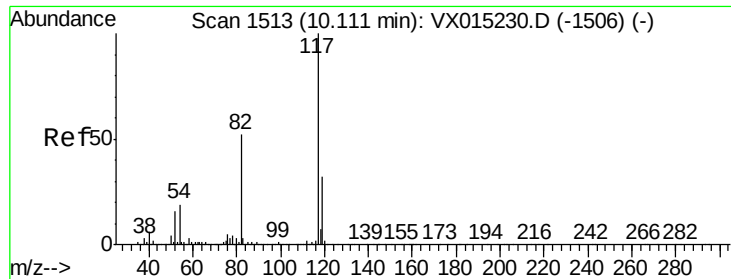
MMDadoda
3/16/2020 11:43:41 AM



#56
Bromoform
Concen: 159.635 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	38.9	58.3
254	11.8	9.1	13.7





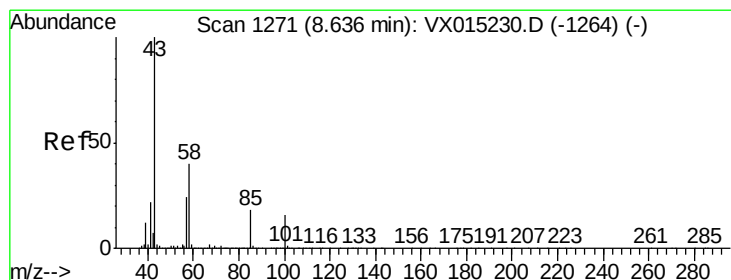
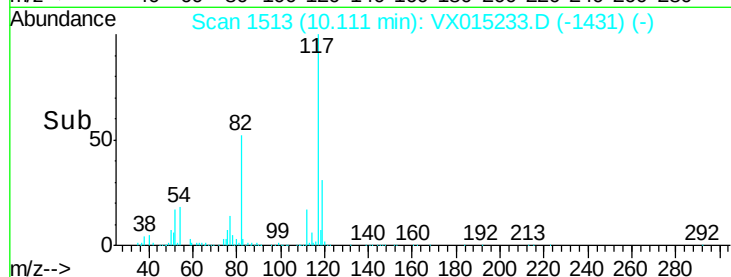
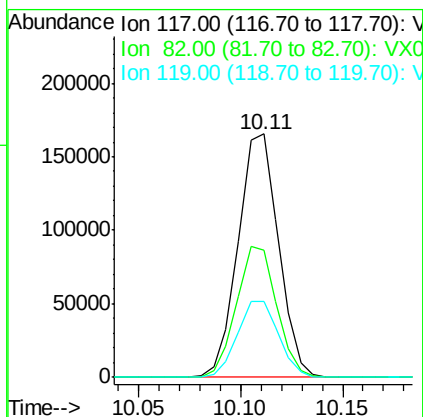
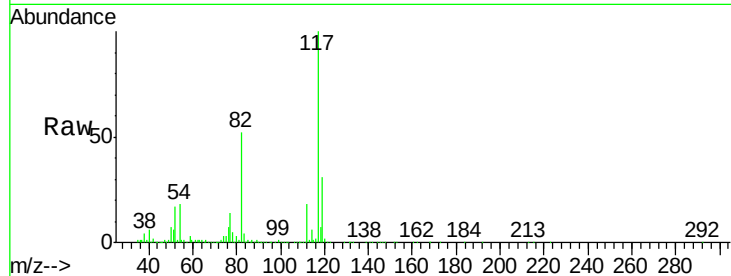
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.2	64.8
119	32.2	25.8	38.8

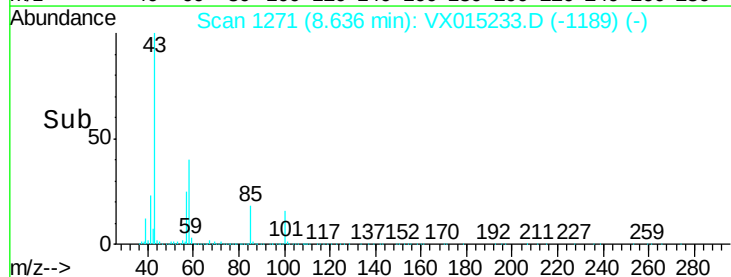
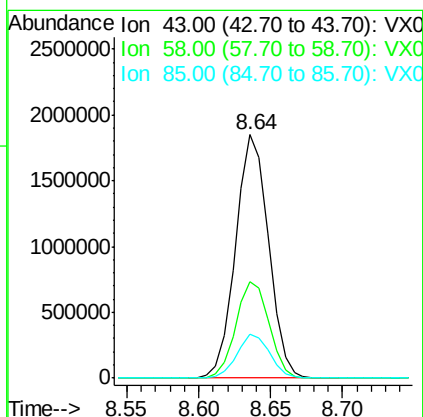
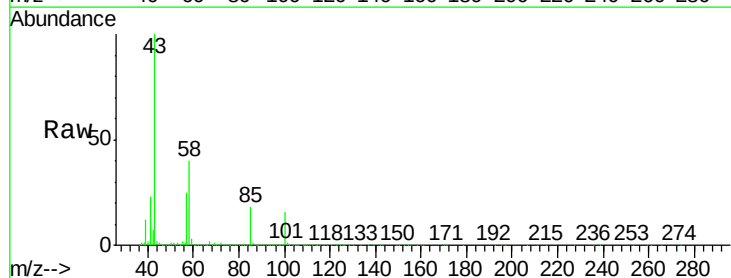
Manual Integrations
APPROVED

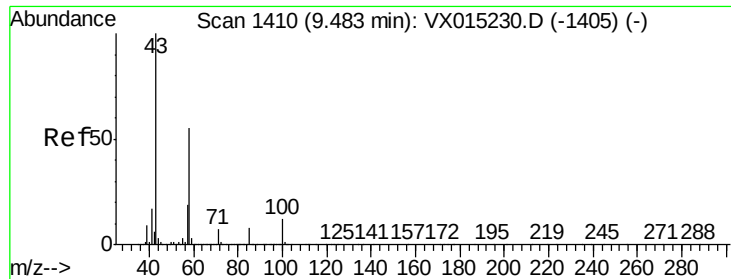
MMDadoda
3/16/2020 11:43:41 AM



#58
4-Methyl-2-Pentanone
Concen: 786.092 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.1	31.6	47.4
85	17.8	13.8	20.8





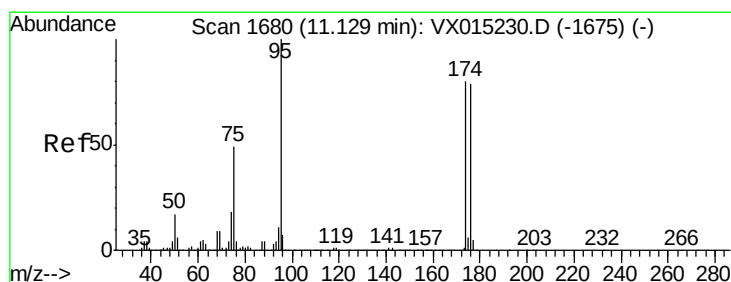
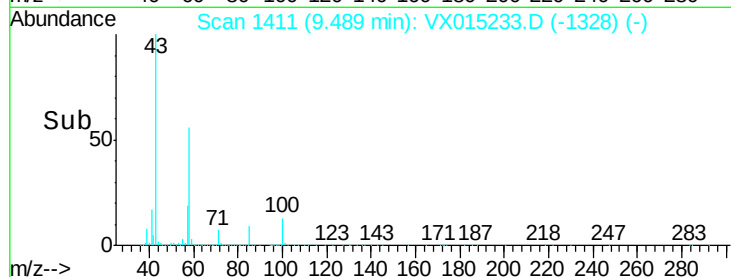
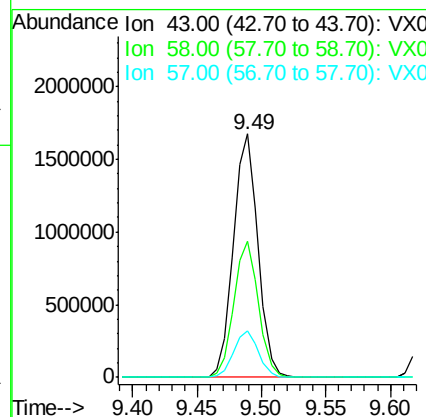
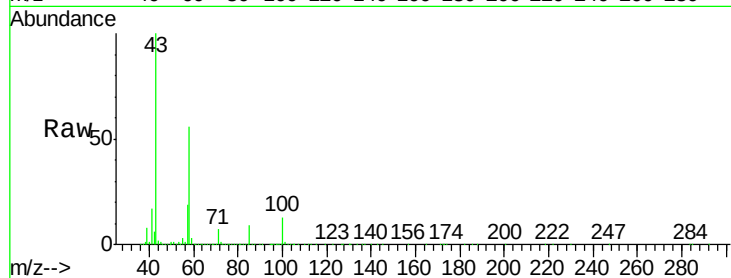
#59
2-Hexanone
Concen: 768.186 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2244271
Ion Ratio Lower Upper
43 100
58 55.8 44.6 66.8
57 19.3 14.6 21.8

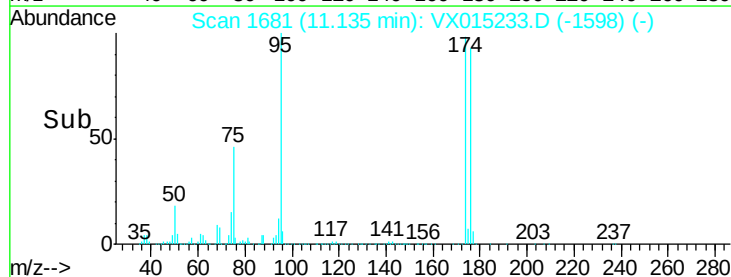
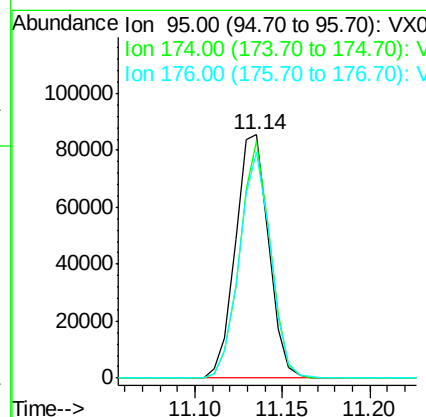
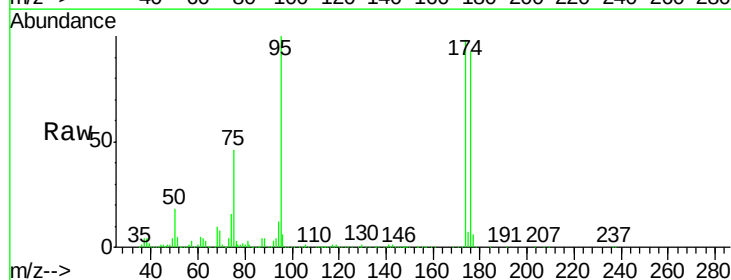
Manual Integrations
APPROVED

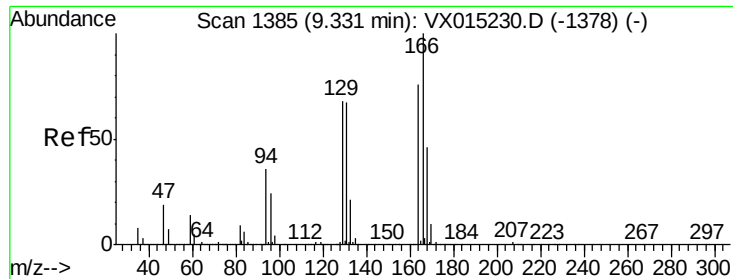
MMDadoda
3/16/2020 11:43:41 AM



#60
4-Bromofluorobenzene
Concen: 31.702 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion: 95 Resp: 112652
Ion Ratio Lower Upper
95 100
174 89.7 72.0 108.0
176 87.3 70.1 105.1





#61

Tetrachloroethene

Concen: 148.578 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

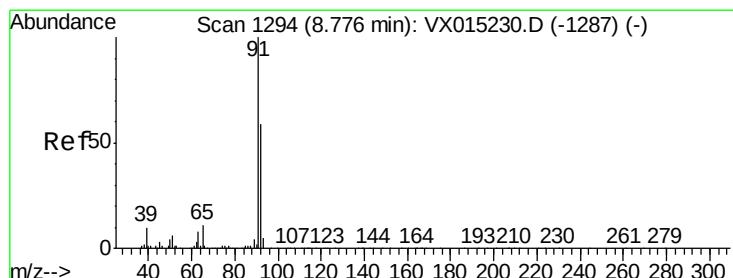
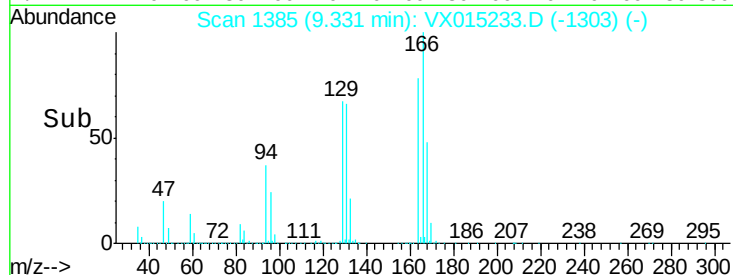
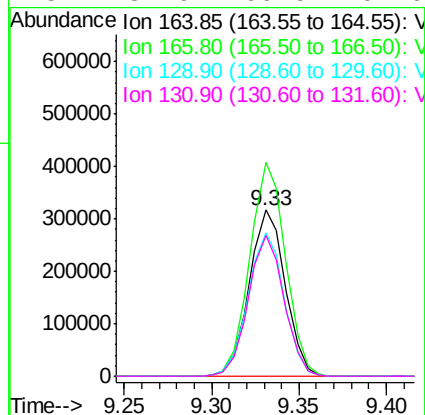
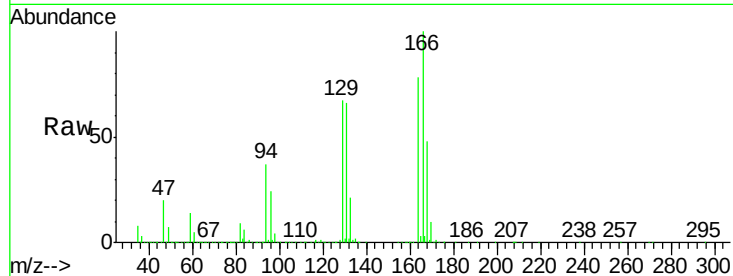
ClientSampleId :

VSTDIC150

Tot Ion:	164	Resp:	455301
Ion Ratio	Lower	Upper	
164	100		
166	128.7	105.1	157.7
129	86.4	71.5	107.3
131	84.9	69.9	104.9

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#62

Toluene

Concen: 153.135 ug/l

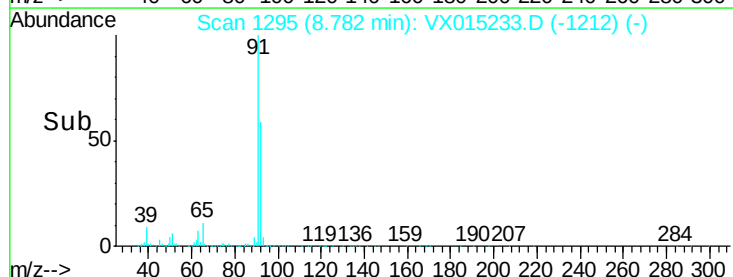
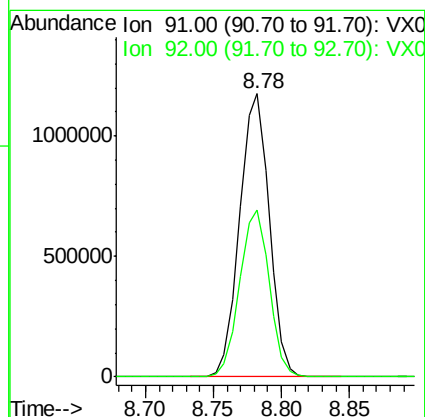
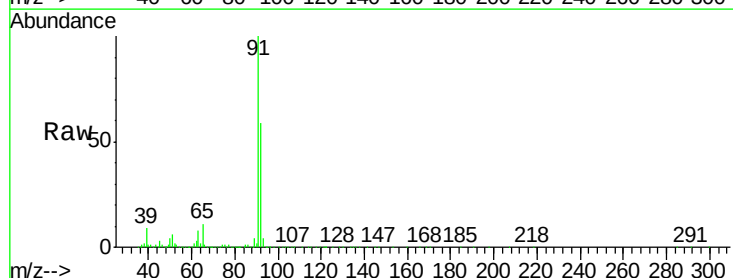
RT: 8.78 min Scan# 1295

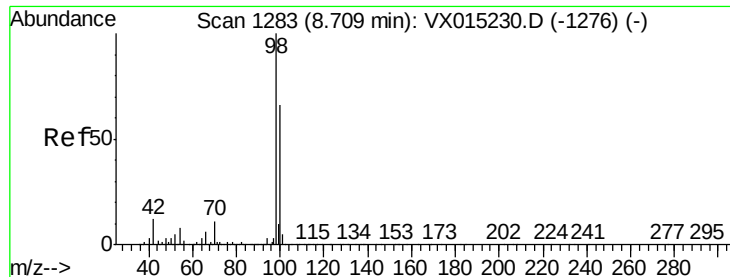
Delta R.T. 0.01 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Tgt Ion:	91	Resp:	1789567
Ion Ratio	Lower	Upper	
91	100		
92	58.8	47.1	70.7





#63

Toluene-d8

Concen: 29.694 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 98 Resp: 295441

Ion Ratio Lower Upper

98 100

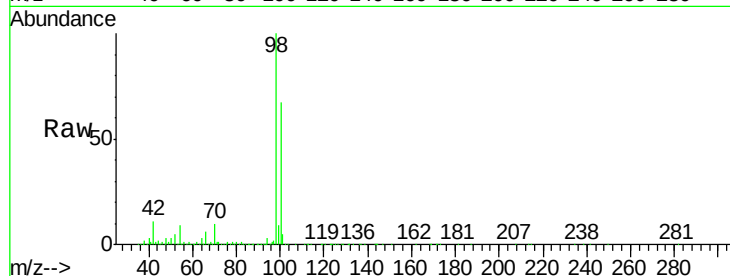
100 66.7 53.0 79.4

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Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

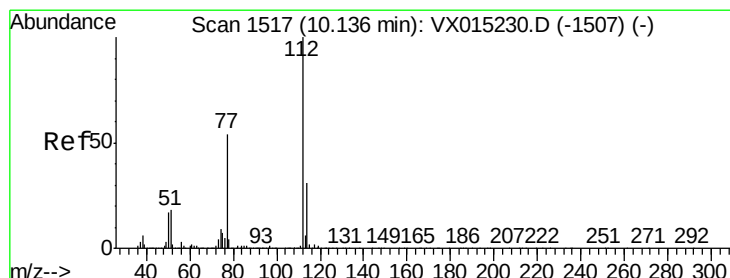
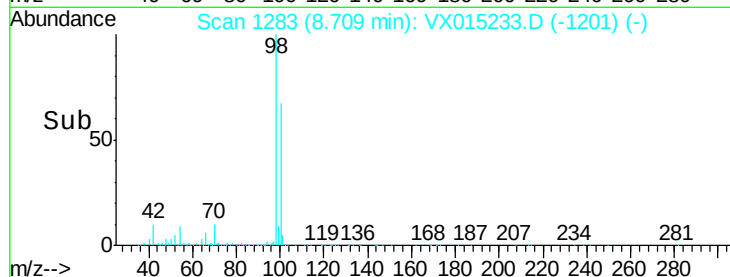
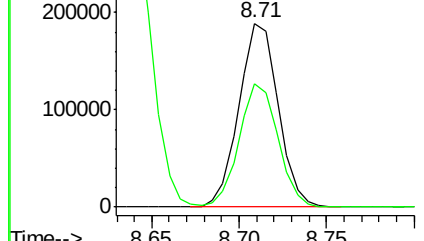
300000

200000

100000

0

8.65 8.70 8.75



#64

Chlorobenzene

Concen: 153.915 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015233.D

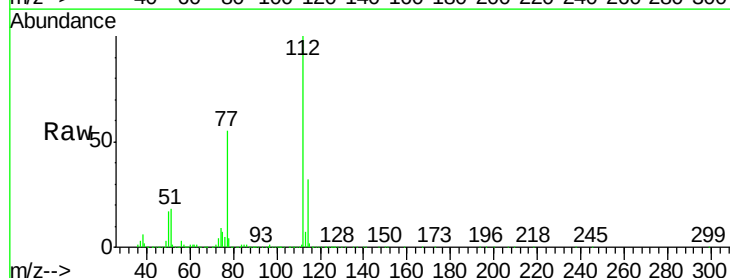
Acq: 12 Mar 2020 13:23

Tgt Ion: 112 Resp: 1148076

Ion Ratio Lower Upper

112 100

114 31.7 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

1000000

800000

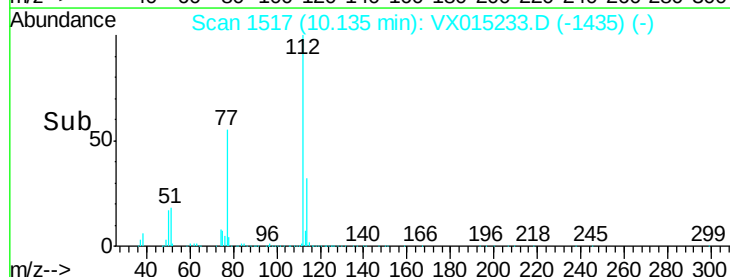
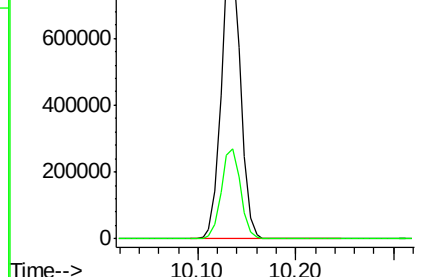
600000

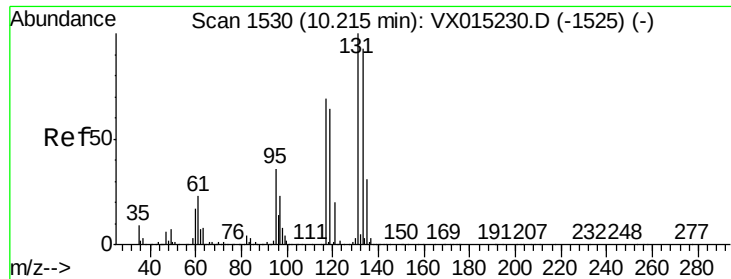
400000

200000

0

10.10 10.14 10.20





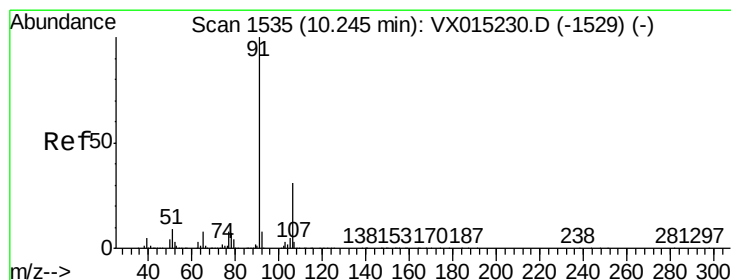
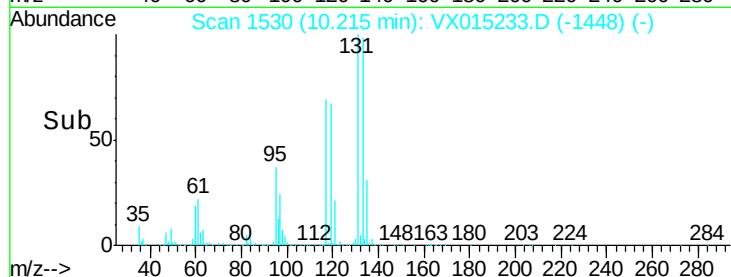
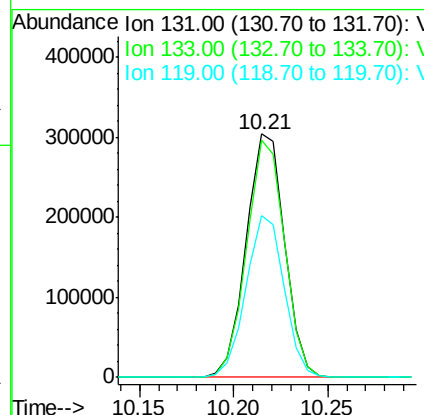
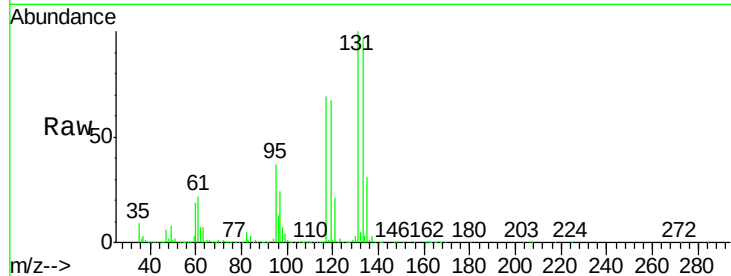
#65
 1,1,1,2-Tetrachloroethane
 Concen: 155.794 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
131	100	430451		
133	95.9	0.0	188.0	
119	65.7	0.0	131.0	

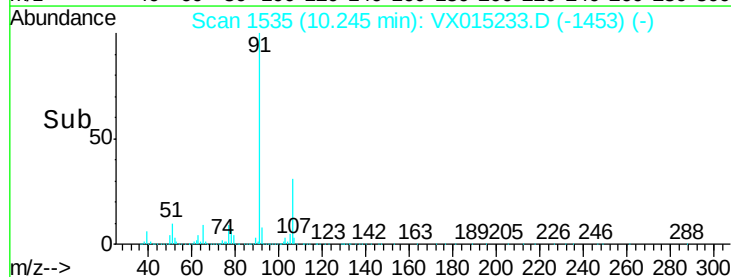
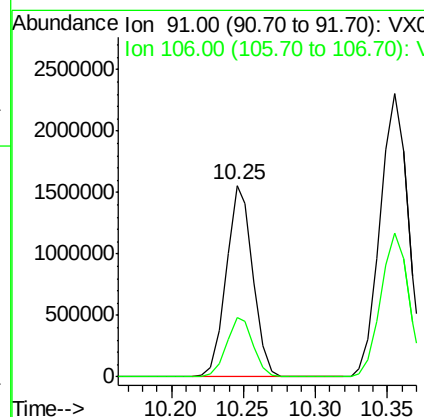
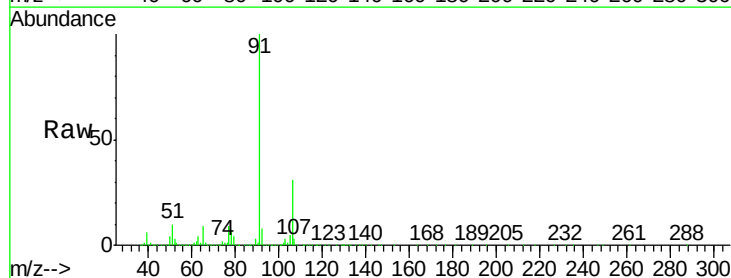
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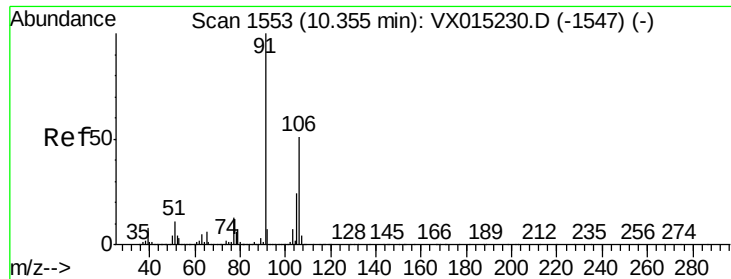
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 3/16/2020 11:43:41 AM



#66
 Ethyl Benzene
 Concen: 156.916 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	2020017		
106	31.1	24.9	37.3	





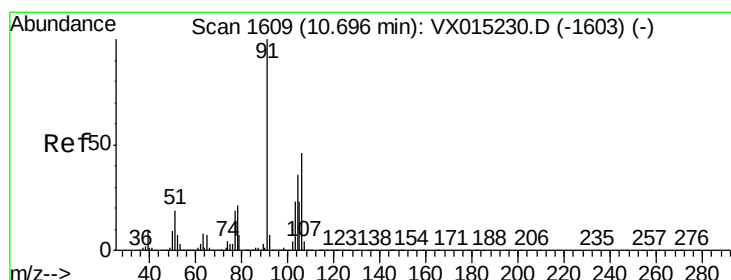
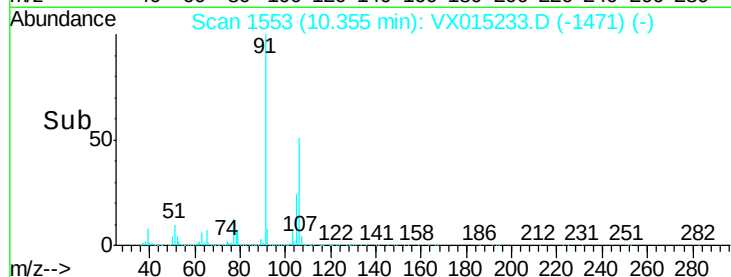
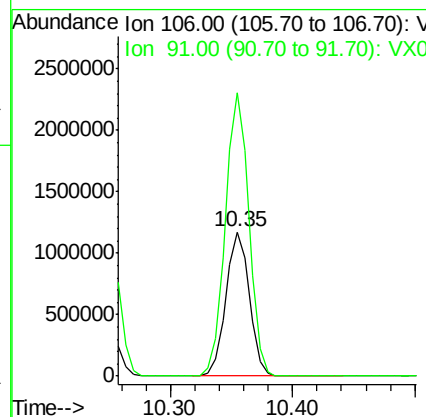
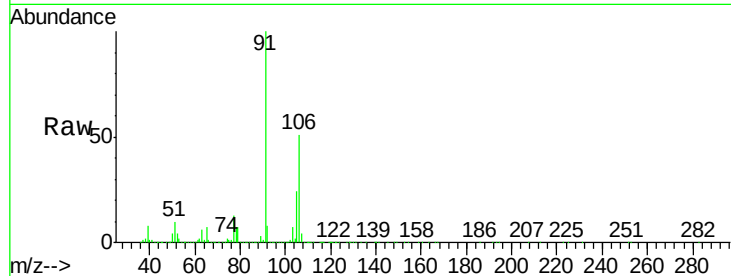
#67
m/p-Xylenes
Concen: 314.526 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion:106 Resp: 1561308
Ion Ratio Lower Upper
106 100
91 196.9 160.1 240.1

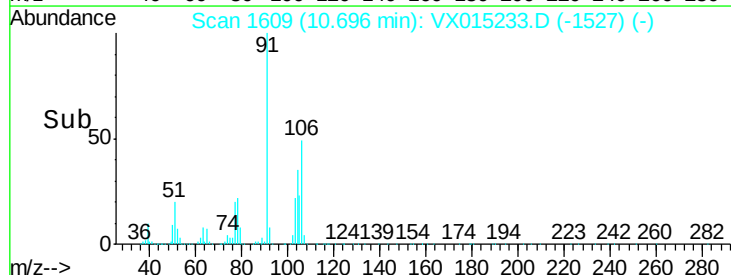
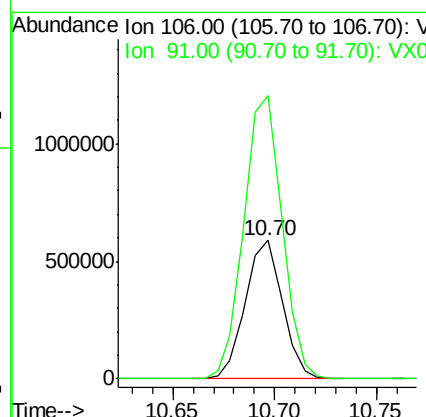
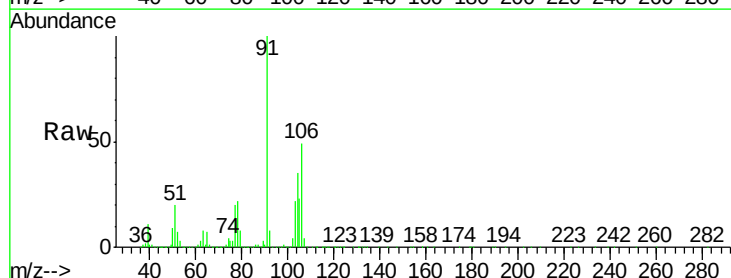
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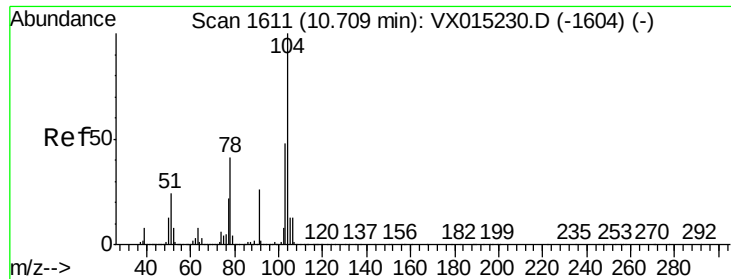
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#68
o-Xylene
Concen: 155.988 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion:106 Resp: 749225
Ion Ratio Lower Upper
106 100
91 209.5 106.4 319.2





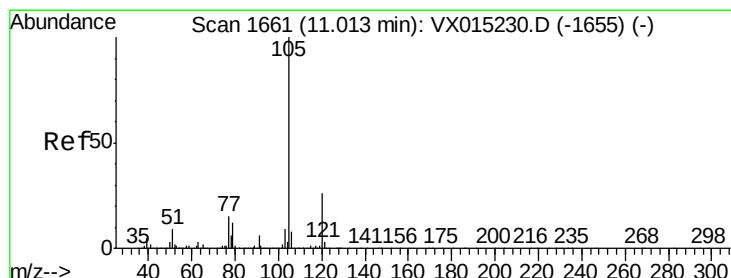
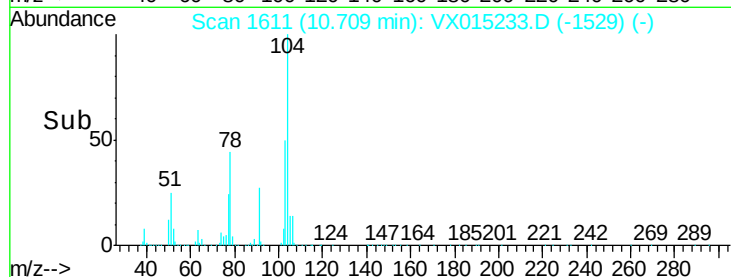
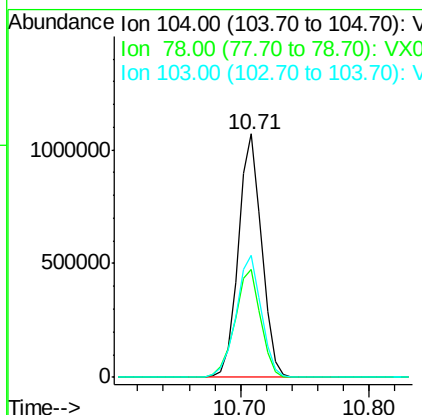
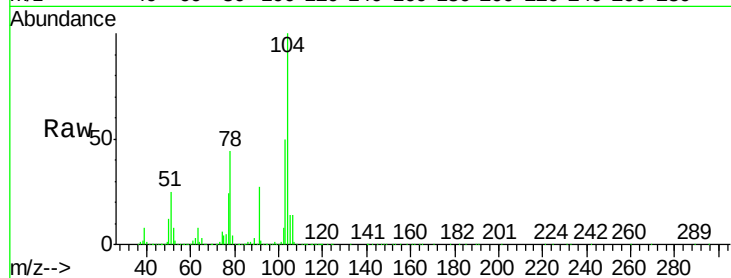
#69
Stvrene
Concen: 162.827 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.9	38.9	58.3
103	54.3	43.2	64.8

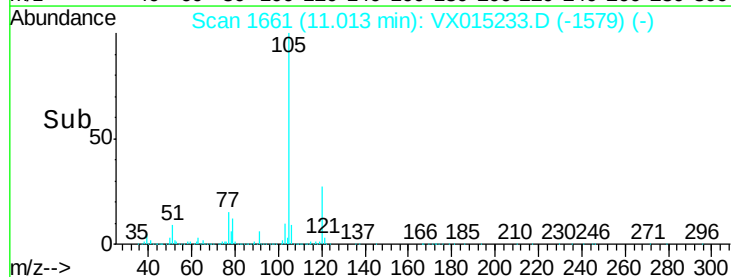
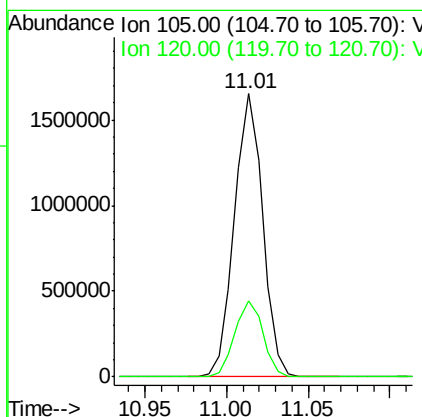
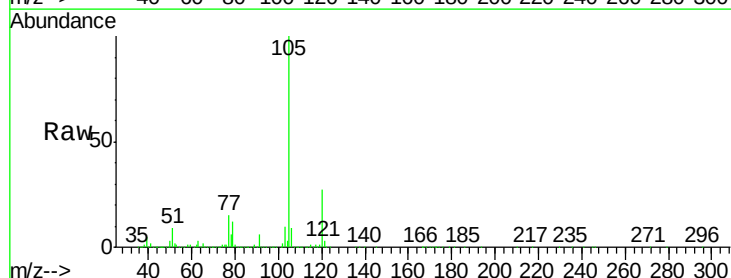
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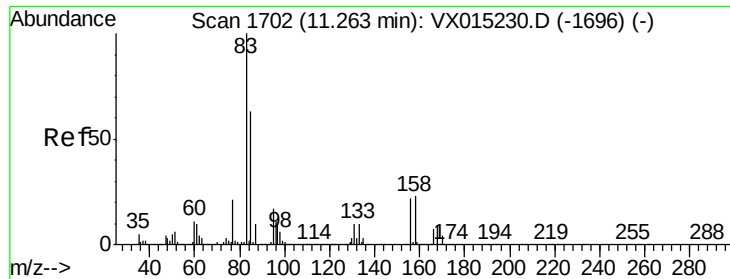
MMDadoda
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#70
Isopropylbenzene
Concen: 156.555 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	18.6	34.6





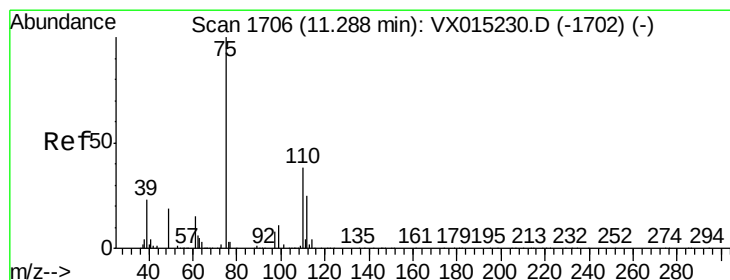
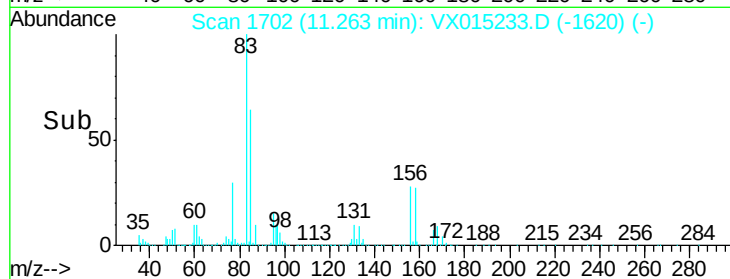
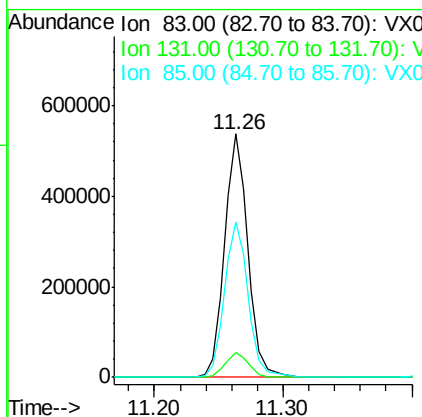
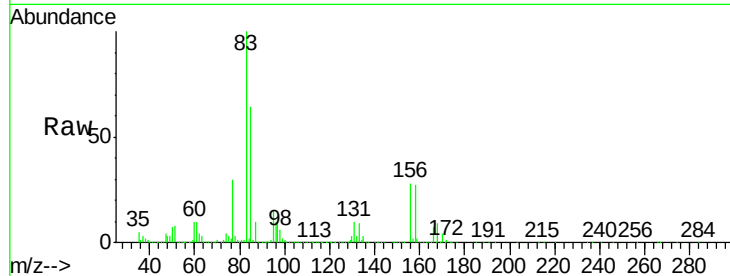
#71
 1,1,2,2-Tetrachloroethane
 Concen: 166.543 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.2	5.0	14.9	
85	64.8	31.8	95.4	

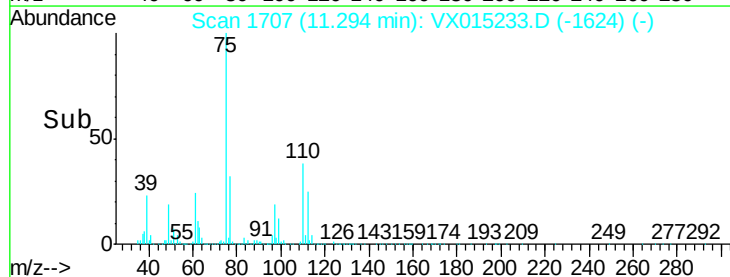
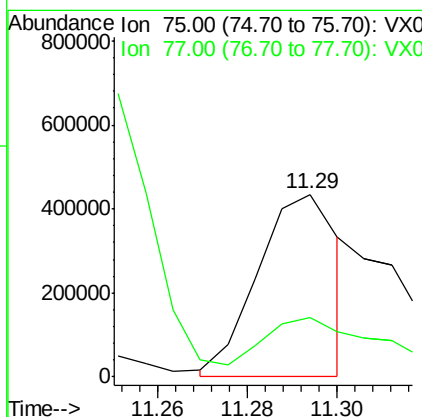
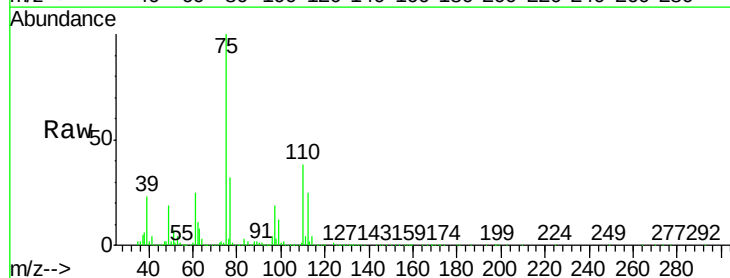
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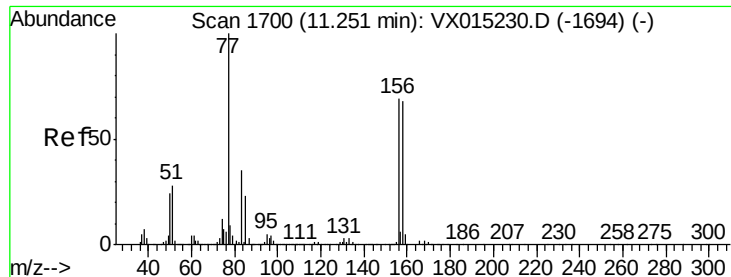
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#72
 1,2,3-Trichloropropane
 Concen: 158.638 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	47.2	0.0	83.0	





#73

Bromobenzene

Concen: 166.983 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

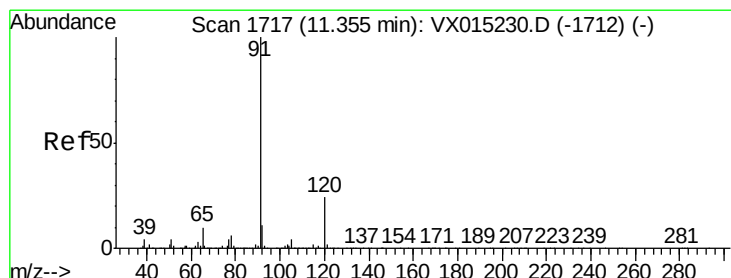
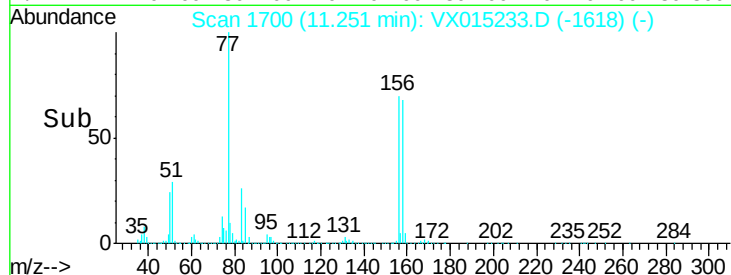
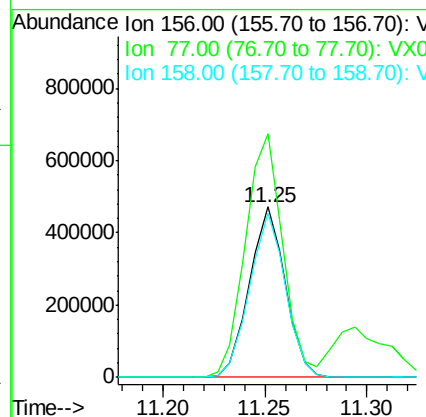
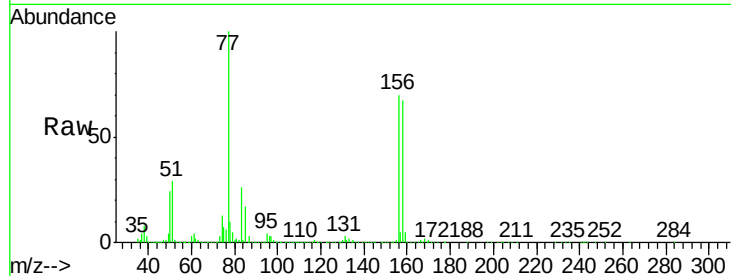
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
156	100	575650		
77	149.1	0.0	305.0	
158	97.0	0.0	197.2	

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#74

n-propylbenzene

Concen: 173.497 ug/l

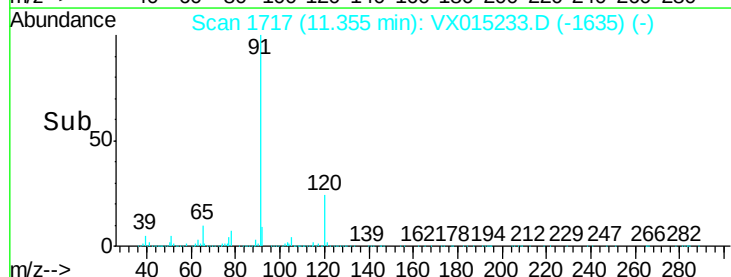
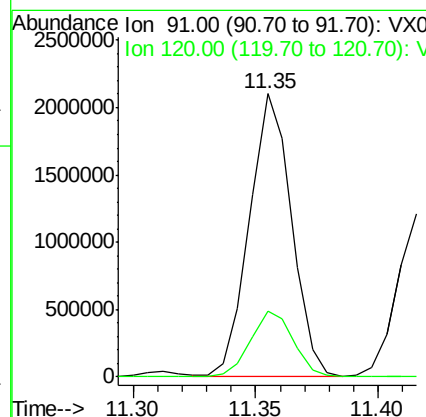
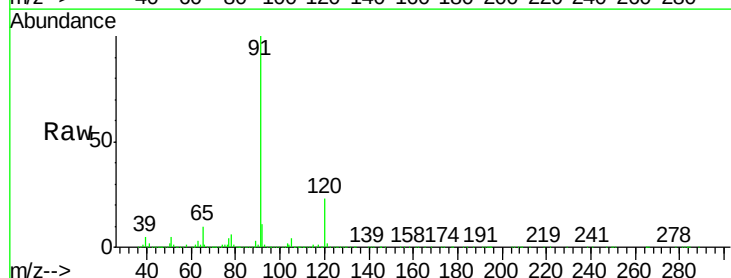
RT: 11.35 min Scan# 1717

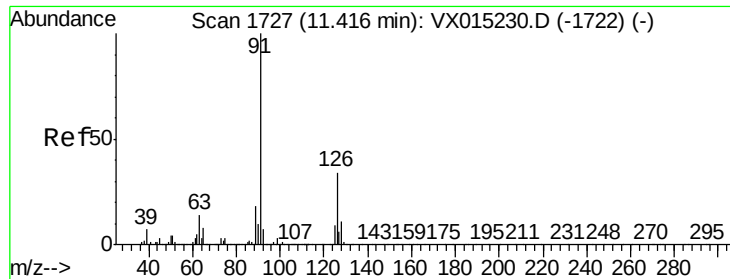
Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	2519321		
120	23.4	0.0	47.0	





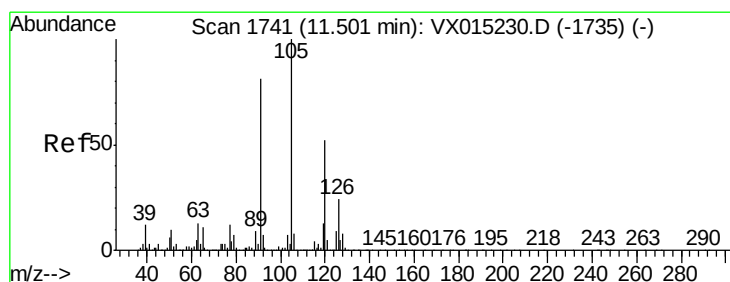
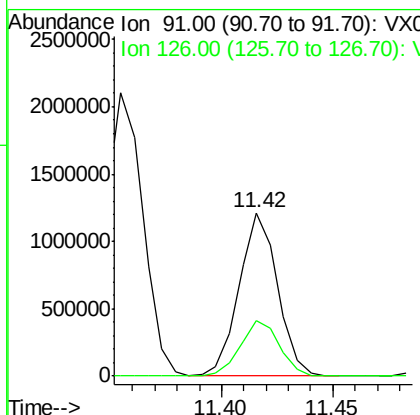
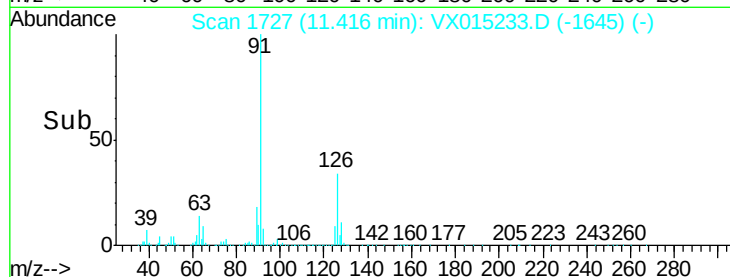
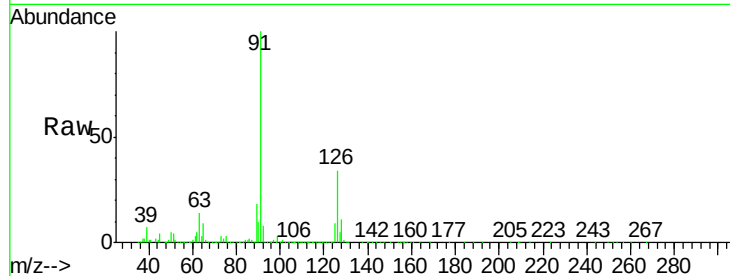
#75
2-Chlorotoluene
Concen: 170.381 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1462053
Ion Ratio Lower Upper
91 100
126 34.7 0.0 69.8

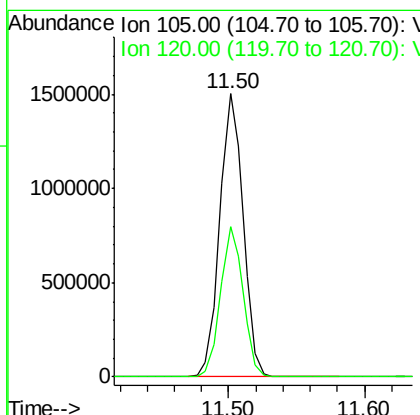
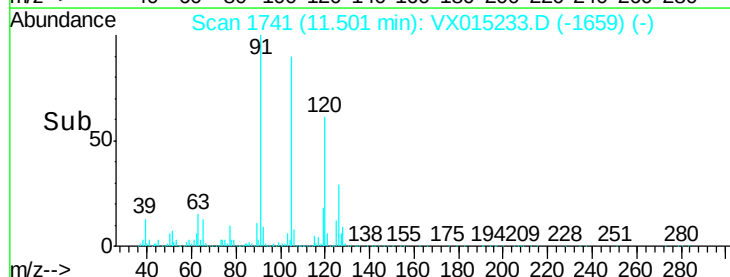
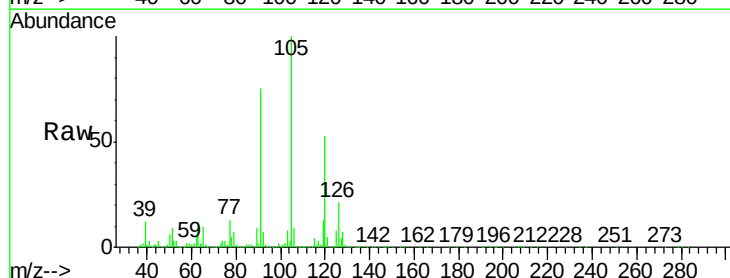
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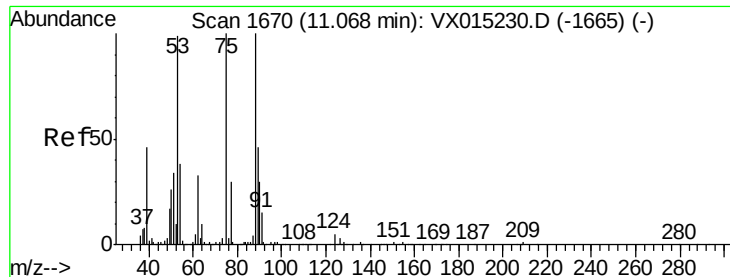
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#76
1,3,5-Trimethylbenzene
Concen: 166.916 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion: 105 Resp: 1784723
Ion Ratio Lower Upper
105 100
120 51.5 0.0 101.2





#77

t-1,4-Dichloro-2-butene

Concen: 179.192 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

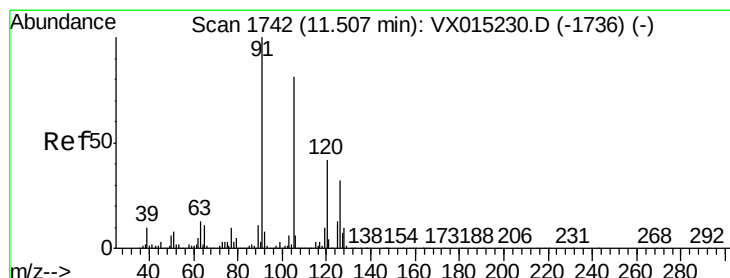
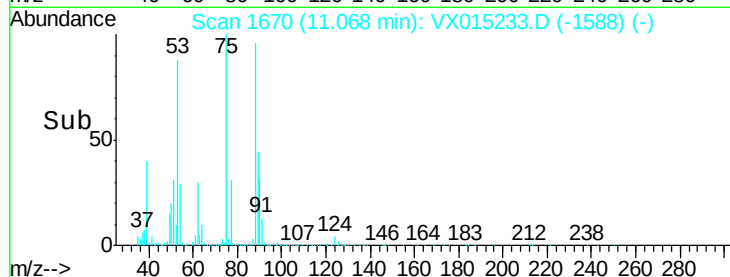
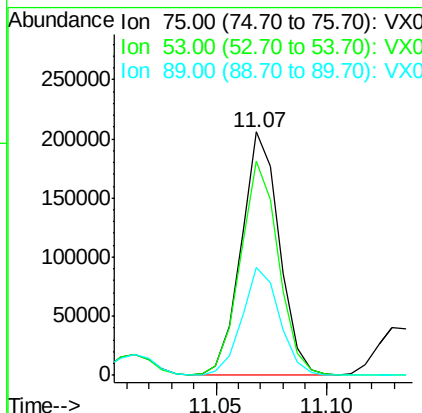
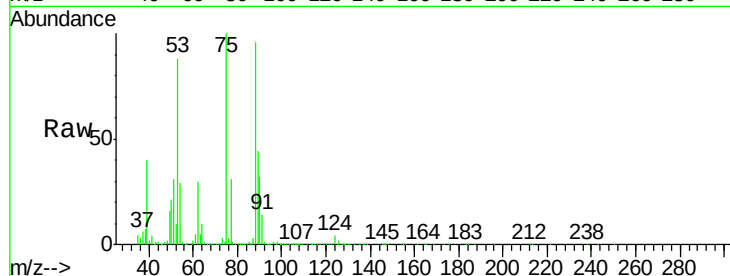
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	246206
Ion Ratio	Lower	Upper	
75	100		
53	87.9	49.5	148.3
89	44.0	22.9	68.8

Manual Integrations
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3/16/2020 11:43:41 AM



#78

4-Chlorotoluene

Concen: 169.353 ug/l

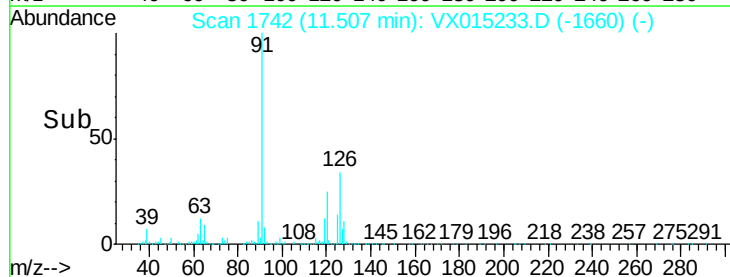
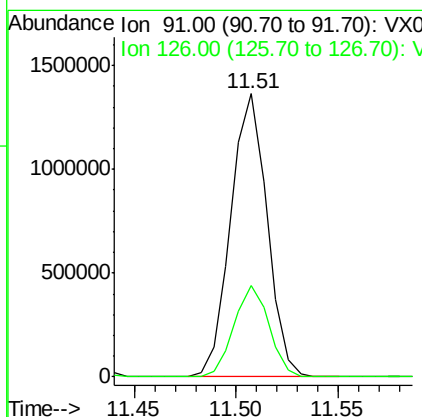
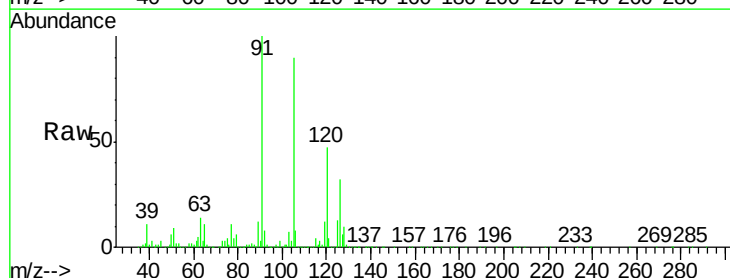
RT: 11.51 min Scan# 1742

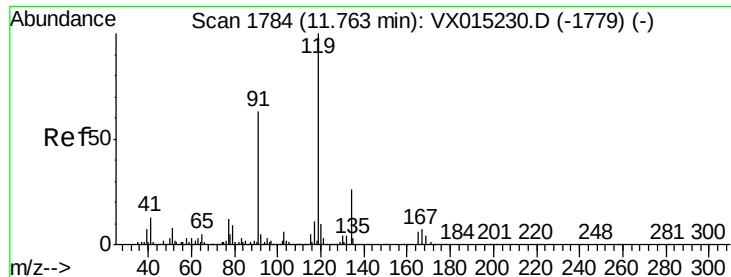
Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Tgt Ion:	91	Resp:	1680984
Ion Ratio	Lower	Upper	
91	100		
126	31.2	0.0	61.4





#79

tert-butylbenzene

Concen: 167.947 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015233.D

Acq: 12 Mar 2020 13:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:119 Resp: 1734922

Ion Ratio Lower Upper

119 100

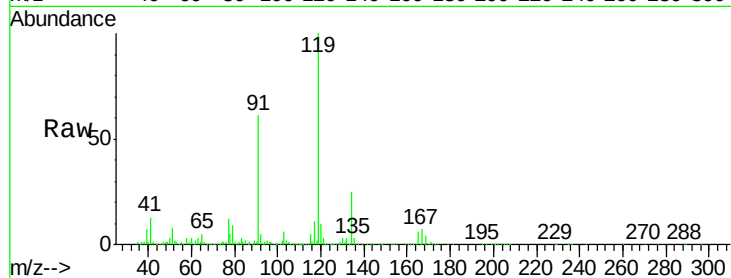
91 56.2 0.0 115.4

134 24.2 0.0 49.4

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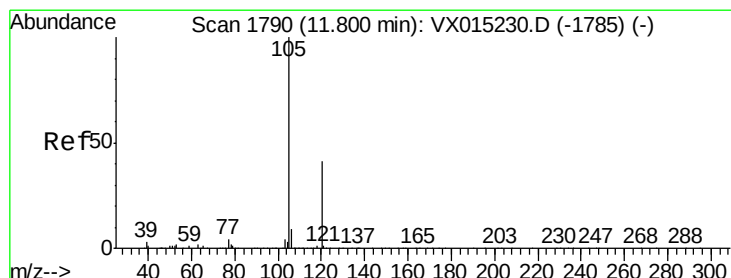
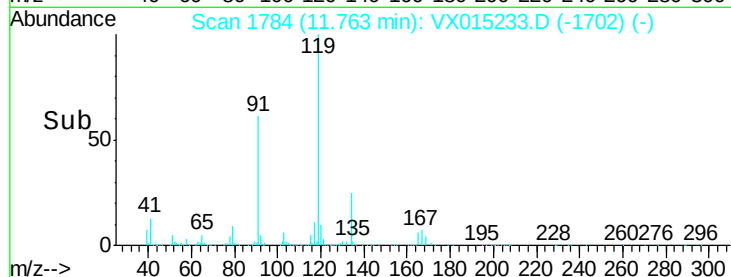
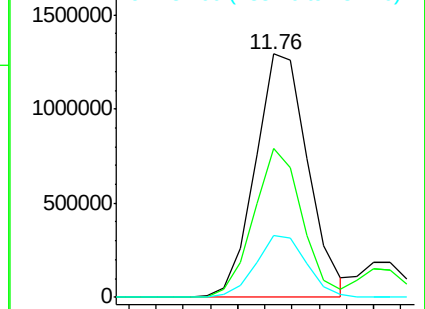
3/16/2020 11:43:41 AM



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 173.691 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX015233.D

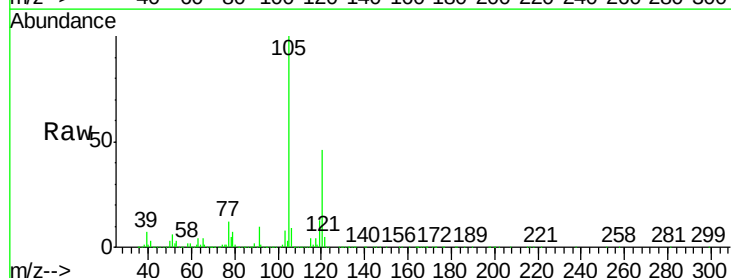
Acq: 12 Mar 2020 13:23

Tgt Ion:105 Resp: 1846353

Ion Ratio Lower Upper

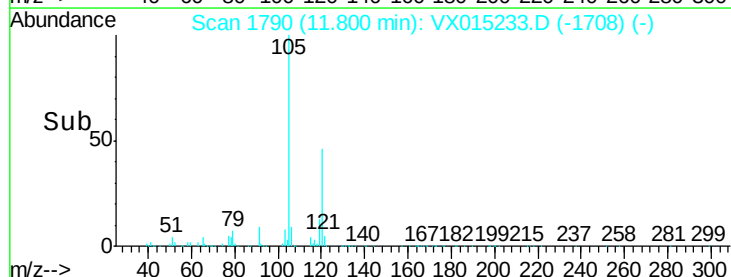
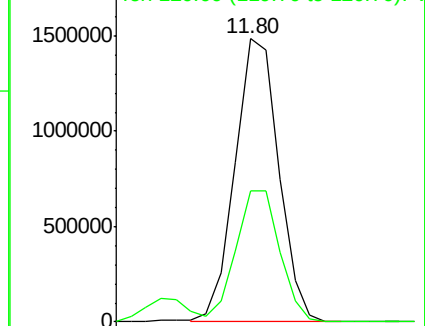
105 100

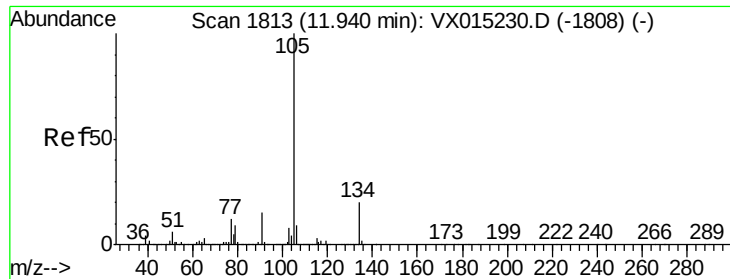
120 46.6 0.0 93.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





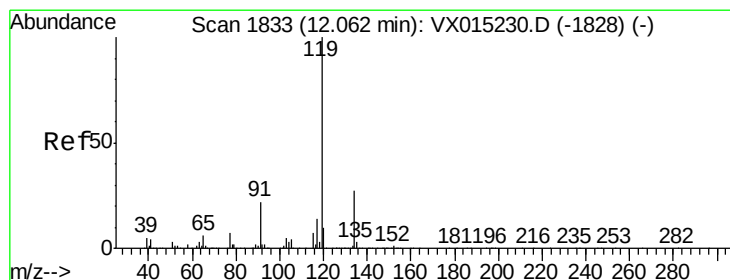
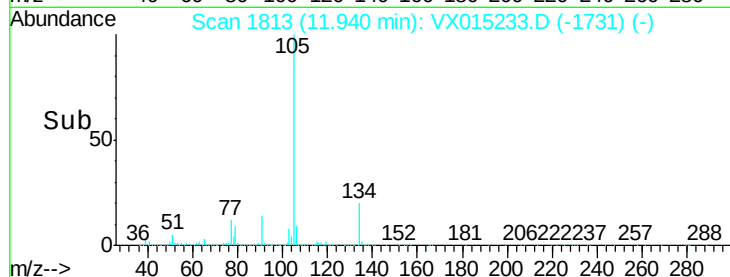
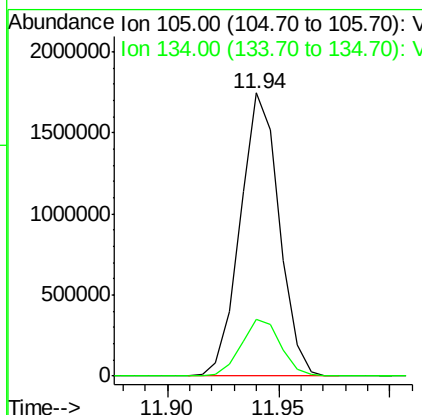
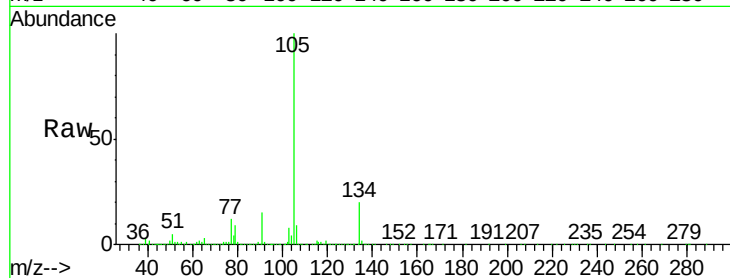
#81
 sec-Butylbenzene
 Concen: 172.447 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 2133346
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 40.8

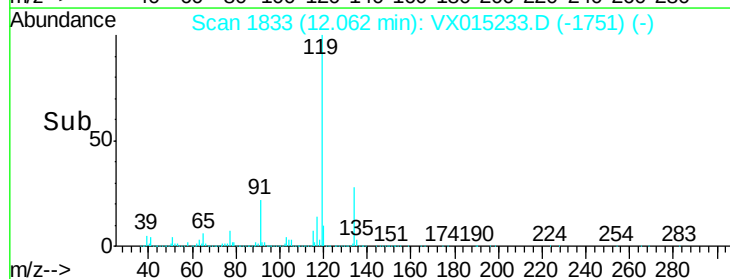
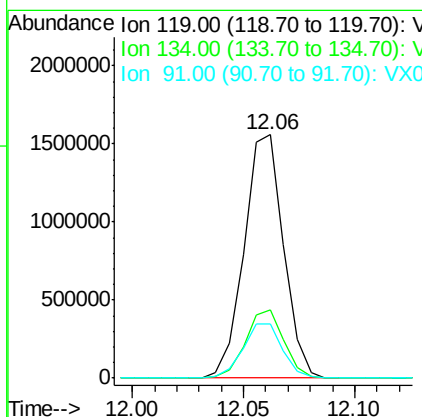
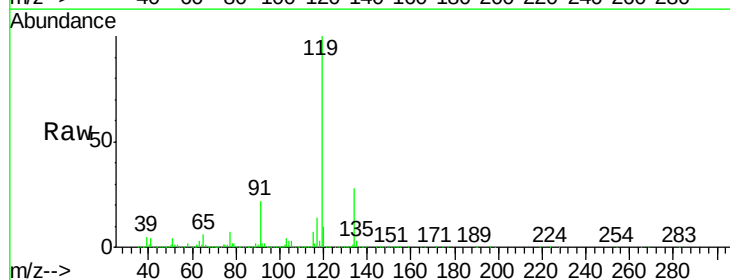
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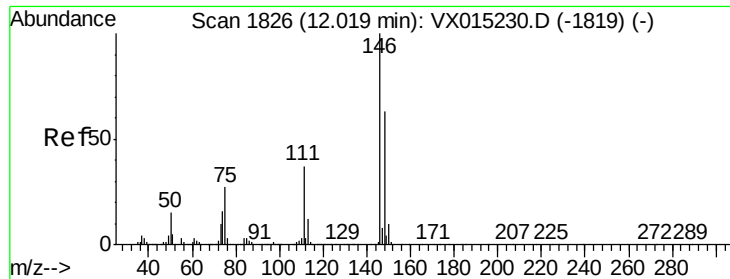
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 3/16/2020 11:43:41 AM



#82
 p-Isopropyltoluene
 Concen: 167.087 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Tgt Ion:119 Resp: 1920330
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 53.6
 91 22.5 0.0 43.6





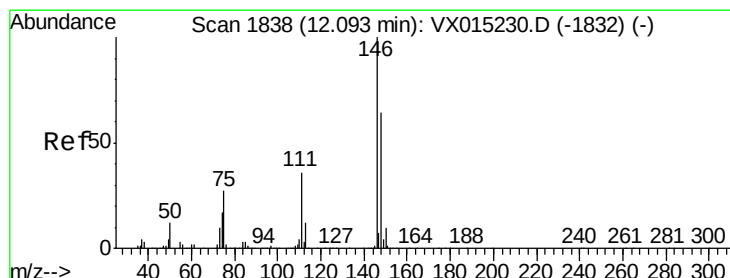
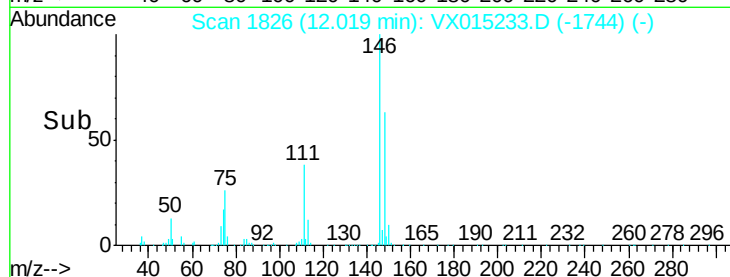
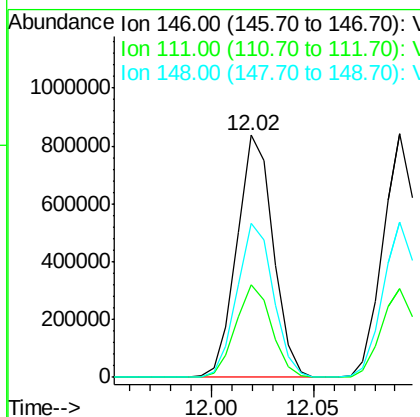
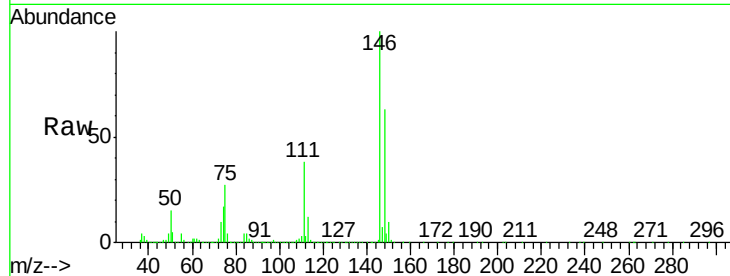
#83
 1,3-Dichlorobenzene
 Concen: 170.648 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.8	56.4
148	63.5	31.9	95.7

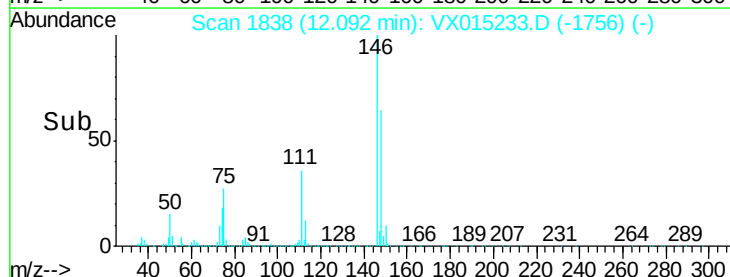
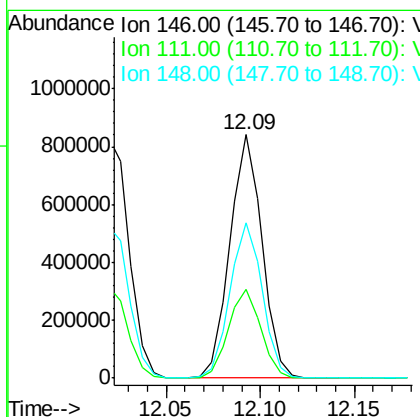
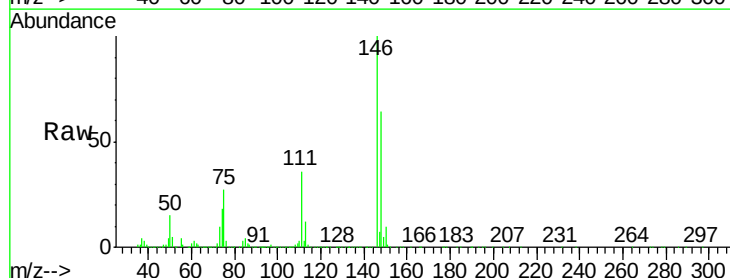
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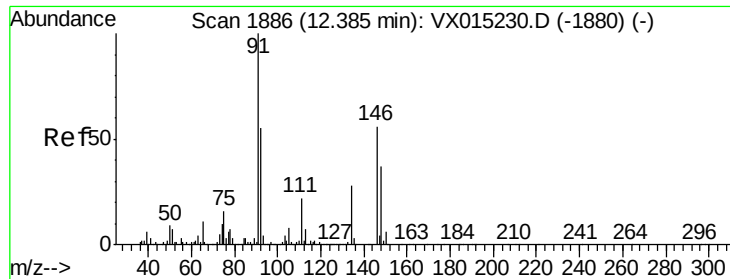
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#84
 1,4-Dichlorobenzene
 Concen: 163.747 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.0
148	64.1	31.9	95.9





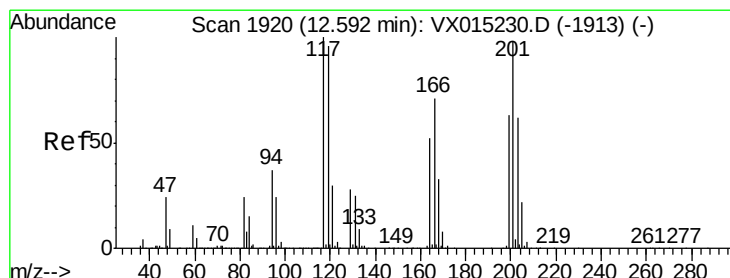
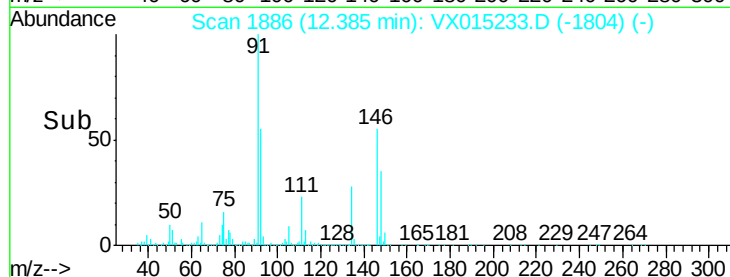
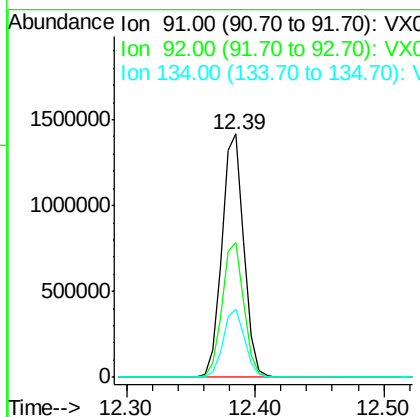
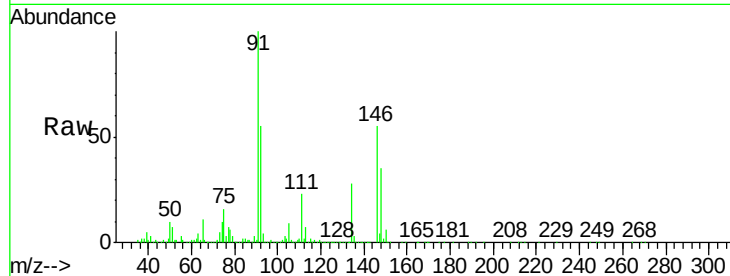
#85
n-Butylbenzene
Concen: 169.721 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	0.0	109.4
134	27.5	0.0	53.0

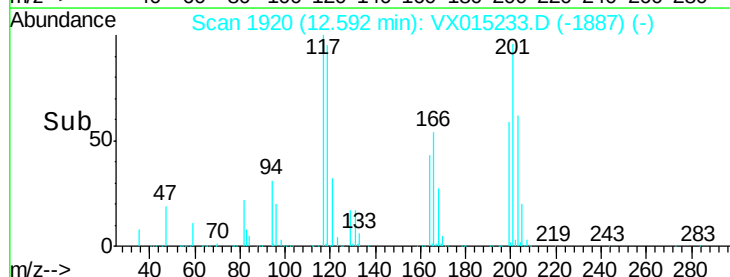
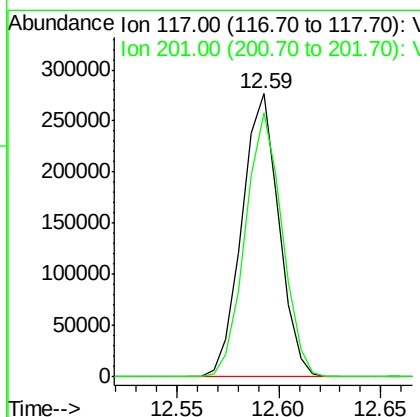
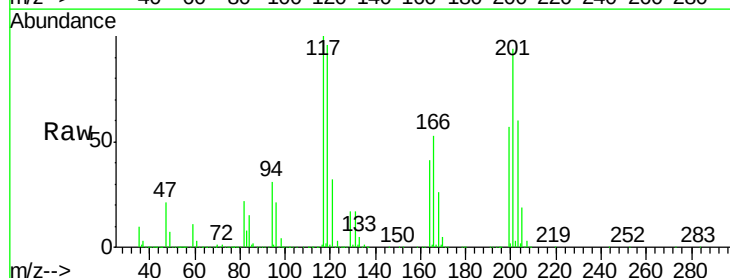
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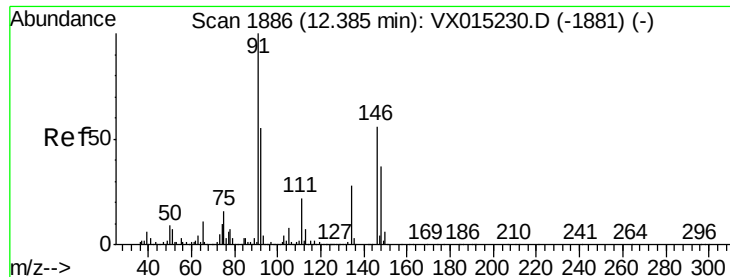
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#86
Hexachloroethane
Concen: 167.940 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.0	47.8	143.3





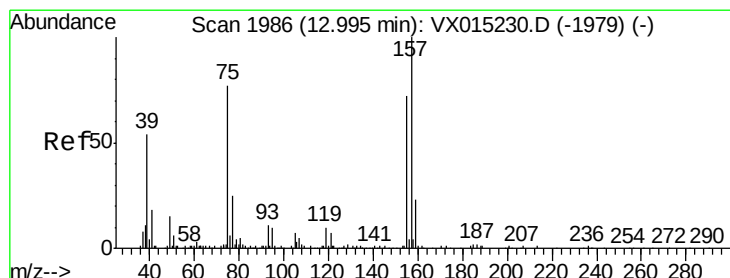
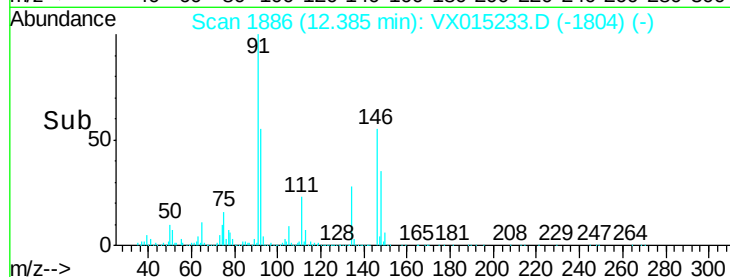
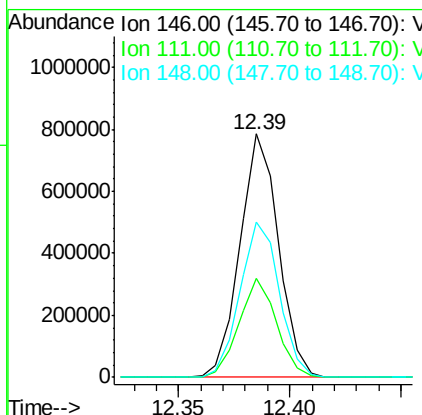
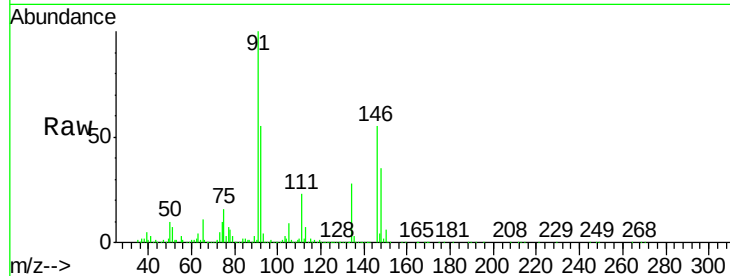
#87
 1,2-Dichlorobenzene
 Concen: 158.041 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.4	58.4
148	65.0	32.4	97.0

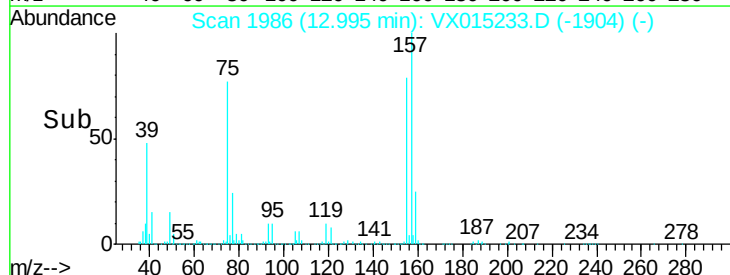
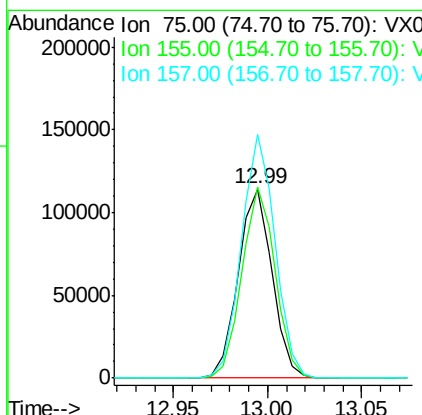
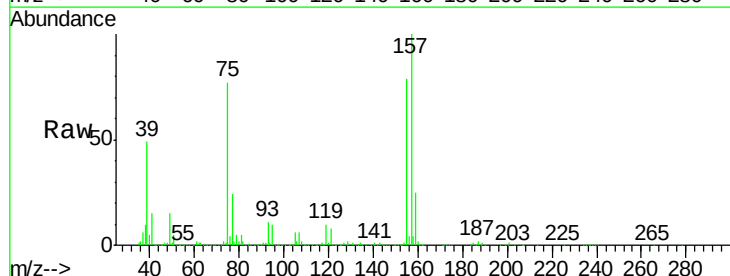
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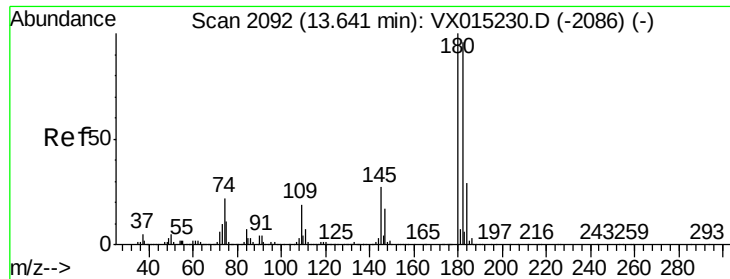
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 158.430 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015233.D
 Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.9	77.5	116.3
157	128.8	103.0	154.4





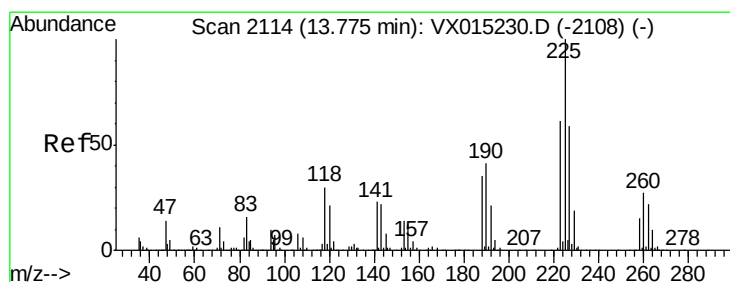
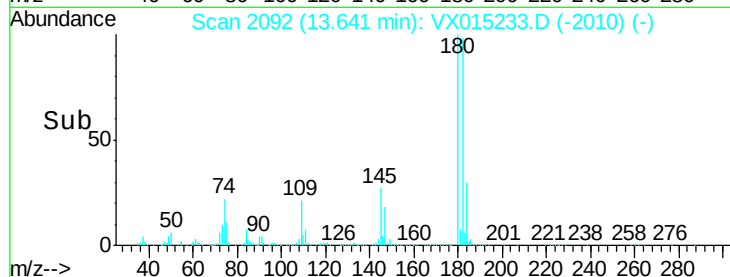
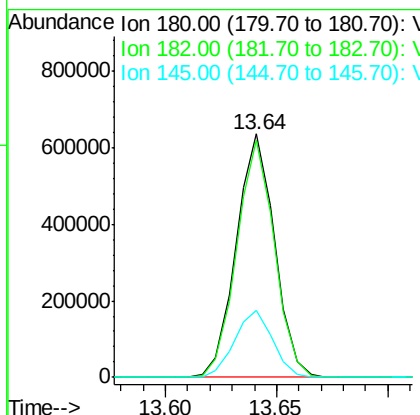
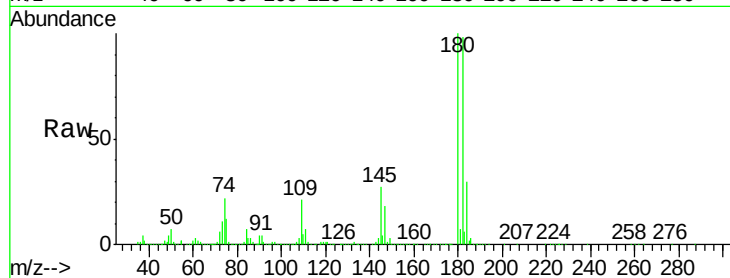
#89
1,2,4-Trichlorobenzene
Concen: 175.657 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	759625		
182	95.9	76.6	115.0	
145	27.6	22.7	34.1	

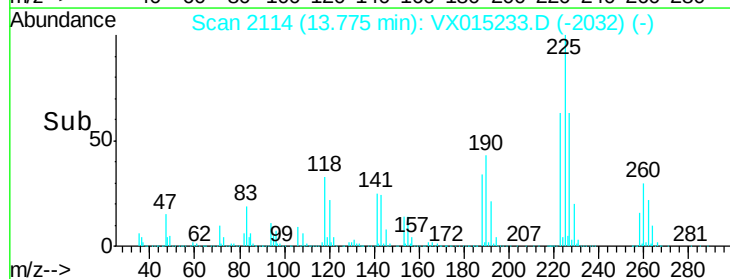
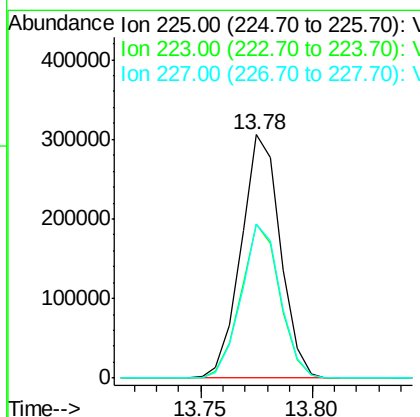
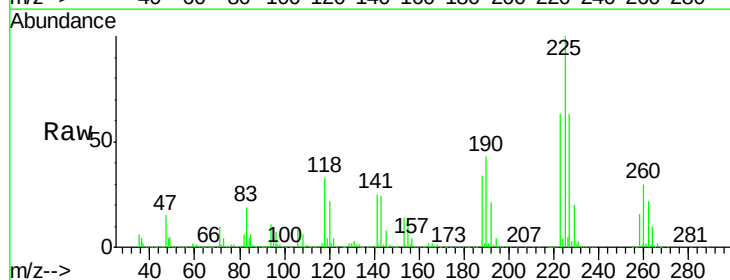
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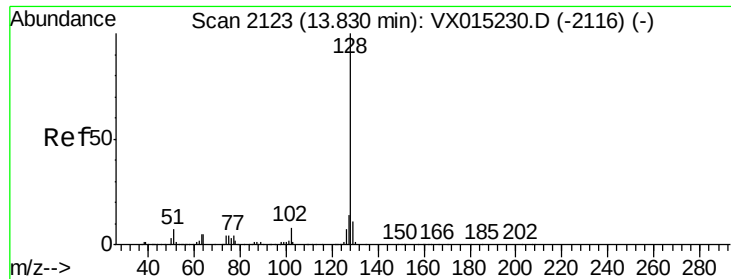
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#90
Hexachlorobutadiene
Concen: 174.989 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	375821		
223	62.9	0.0	125.0	
227	63.0	0.0	126.2	





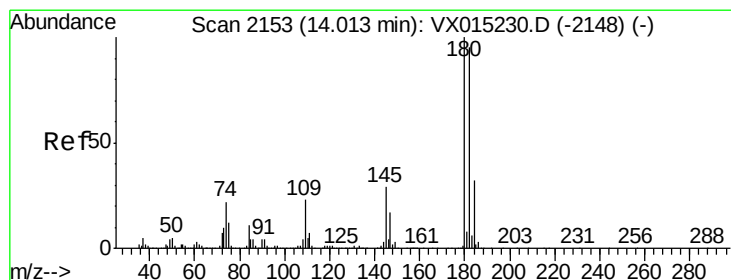
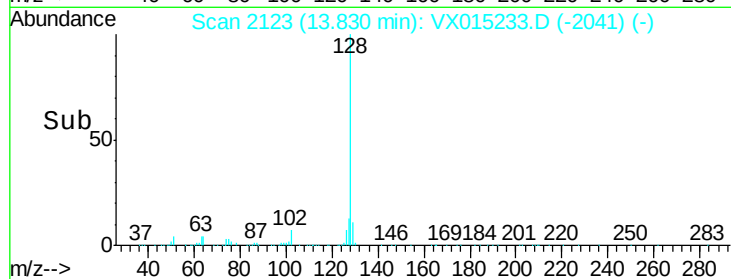
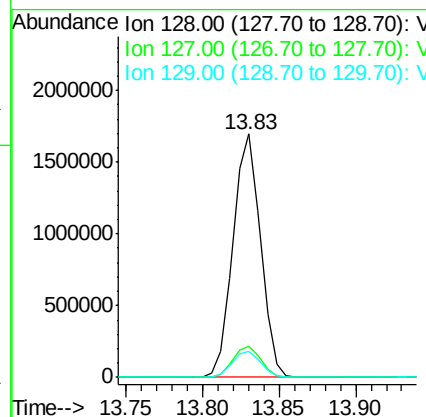
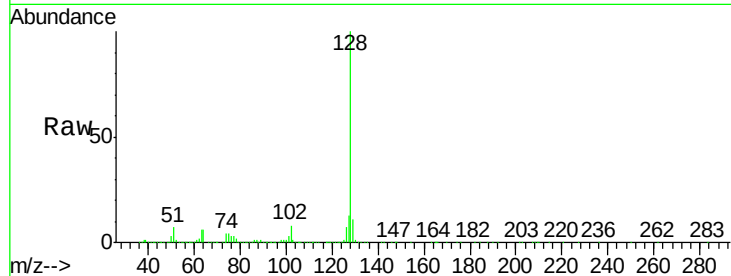
#91
Naphthalene
Concen: 172.603 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.8	16.2
129	10.9	8.7	13.1

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 172.166 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015233.D
Acq: 12 Mar 2020 13:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	0.0	192.0
145	29.4	0.0	60.0

