

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040720\
 Data File : VX015534.D
 Acq On : 07 Apr 2020 13:40
 Operator : JC/SP
 Sample : VX0407WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0407WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/8/2020 11:12:15 AM

Quant Time: Apr 08 03:19:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	190267	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.83	114	1048291	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	957309	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	460232	30.95	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.17%
60) 4-Bromofluorobenzene	11.12	95	504687	30.81	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.70%
63) Toluene-d8	8.70	98	1214715	29.87	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	163583	18.004	ug/l 99
3) Chloromethane	1.31	50	199725	17.811	ug/l 99
4) Vinyl Chloride	1.39	62	197751	18.331	ug/l 98
5) Bromomethane	1.63	94	137992	24.028	ug/l 95
6) Chloroethane	1.71	64	127219	18.902	ug/l 98
7) Trichlorofluoromethane	1.92	101	302891	19.647	ug/l 96
8) Diethyl Ether	2.17	74	121262	20.444	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	201300	19.736	ug/l 97
10) 1,1-Dichloroethene	2.36	96	191550	18.489	ug/l 97
11) Methyl Iodide	2.49	142	268440	19.498	ug/l 98
12) Methyl Acetate	2.75	43	299581	19.762	ug/l 97
13) Acrolein	2.27	56	210247	106.610	ug/l 94
14) Acrylonitrile	3.11	53	637173	98.175	ug/l 99
15) Acetone	2.42	58	162045	98.191	ug/l 93
16) Carbon Disulfide	2.55	76	565253	18.664	ug/l 98
17) Allyl chloride	2.70	41	438928	18.765	ug/l 98
18) Methylene Chloride	2.83	84	226979	19.514	ug/l 99
19) trans-1,2-Dichloroethene	3.14	96	220036	19.634	ug/l 99
20) Diisopropyl ether	3.83	45	844375	20.127	ug/l 90
21) 1,1-Dichloroethane	3.67	63	422020	19.707	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	250165	19.376	ug/l 99
23) tert-Butyl Alcohol	3.01	59	279629	87.593	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	774585	20.137	ug/l 99
25) Chloroform	5.18	83	421690	19.922	ug/l 99
26) Cyclohexane	5.54	56	382442	18.692	ug/l # 98
29) 1,1-Dichloropropene	5.77	75	315226	20.015	ug/l 99
30) 2-Butanone	4.63	43	920996	97.550	ug/l 100
31) 2,2-Dichloropropane	4.55	77	369877	19.516	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	387494	20.165	ug/l 99
33) Carbon Tetrachloride	5.75	117	335078	19.135	ug/l 98
34) Benzene	6.11	78	900579	19.840	ug/l 99
35) Methacrylonitrile	5.00	41	213760	19.966	ug/l 93
36) 1,2-Dichloroethane	6.16	62	371185	21.162	ug/l 100
37) Trichloroethene	7.19	130	251516	19.679	ug/l 97
38) Methylcyclohexane	7.44	83	379989	19.681	ug/l 98
39) 1,2-Dichloropropane	7.49	63	240769	19.748	ug/l 97
40) Dibromomethane	7.64	93	162570	20.033	ug/l 97

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	349006	19.788	ug/l	99
42) Vinyl Acetate	3.78	43	3778359	105.620	ug/l	100
43) Ethyl Acetate	4.79	43	374702	18.245	ug/l	98
44) Isopropyl Acetate	6.41	43	648025	19.607	ug/l	100
45) 1,4-Dioxane	7.71	88	108480	356.286	ug/l	97
46) Methyl methacrylate	7.75	41	324044	19.647	ug/l	99
47) n-amyl Acetate	10.88	43	559531	19.634	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	391623	19.235	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	410634	19.540	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	231686	19.894	ug/l	97
51) Ethyl methacrylate	9.16	69	395508	19.746	ug/l	98
52) 1,3-Dichloropropane	9.35	76	408659	20.315	ug/l	99
53) Dibromochloromethane	9.56	129	271016	18.878	ug/l	99
54) 1,2-Dibromoethane	9.65	107	251493	20.125	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	959580	101.434	ug/l	99
56) Bromoform	10.84	173	210660	17.846	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	1857828	101.401	ug/l	100
59) 2-Hexanone	9.47	43	1388405	99.610	ug/l	99
61) Tetrachloroethene	9.32	164	247787	20.137	ug/l	96
62) Toluene	8.76	91	974093	20.089	ug/l	99
64) Chlorobenzene	10.12	112	628815	20.170	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	247304	19.413	ug/l	97
66) Ethyl Benzene	10.24	91	1125375	20.316	ug/l	99
67) m/p-Xylenes	10.34	106	839753	40.054	ug/l	99
68) o-Xylene	10.68	106	413937	20.199	ug/l	99
69) Styrene	10.70	104	725948	20.333	ug/l	99
70) Isopropylbenzene	11.01	105	1119562	20.608	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	350769	19.921	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	333491m	20.241	ug/l	
73) Bromobenzene	11.24	156	288586	19.789	ug/l	100
74) n-propylbenzene	11.34	91	1309997	21.023	ug/l	99
75) 2-Chlorotoluene	11.40	91	772356	20.379	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	930217	19.939	ug/l	98
77) t-1,4-Dichloro-2-butene	11.06	75	123959	17.459	ug/l	93
78) 4-Chlorotoluene	11.49	91	911165	20.782	ug/l	99
79) tert-butylbenzene	11.76	119	937404	20.104	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	947748	20.054	ug/l	99
81) sec-Butylbenzene	11.93	105	1092266	20.421	ug/l	100
82) p-Isopropyltoluene	12.05	119	1024336	20.319	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	532969	20.325	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	535900	20.478	ug/l	100
85) n-Butylbenzene	12.37	91	931043	20.720	ug/l	100
86) Hexachloroethane	12.58	117	180771	18.553	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	505292	19.751	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	85251	18.381	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	413008	20.040	ug/l	98
90) Hexachlorobutadiene	13.77	225	198343	18.269	ug/l	97
91) Naphthalene	13.82	128	1193924	20.006	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	395827	19.334	ug/l	99

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ClientSampleId :
VX0407WBSD01

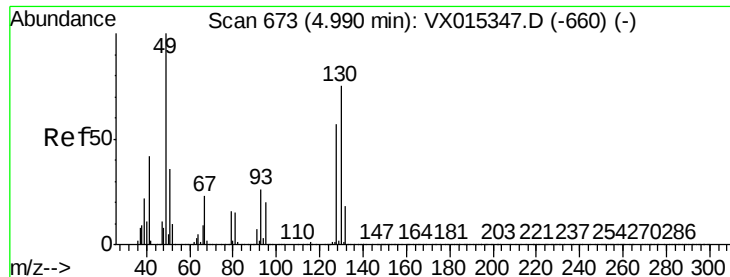
Manual Integrations
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4/8/2020 11:12:15 AM

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QLast Update : Thu Mar 26 02:31:53 2020
Response via : Initial Calibration

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: 4.98 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Instrument :

MSVOA_X

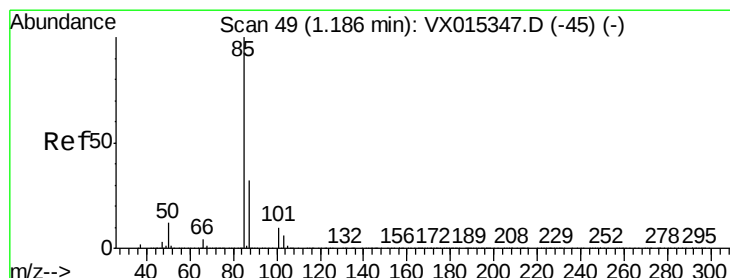
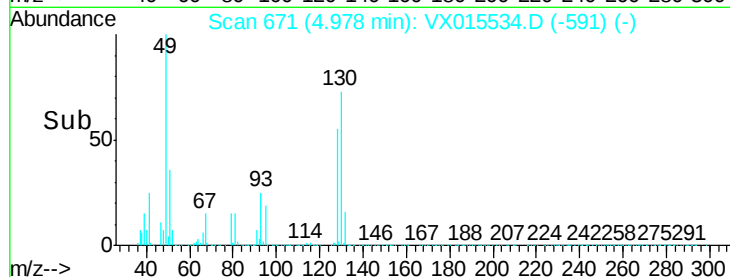
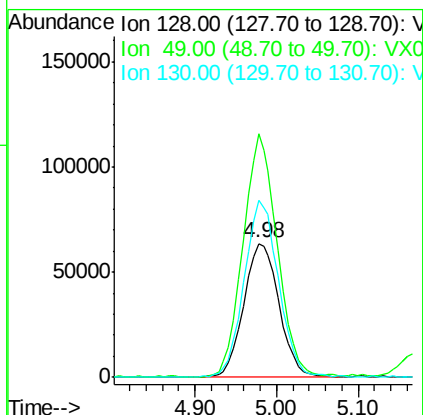
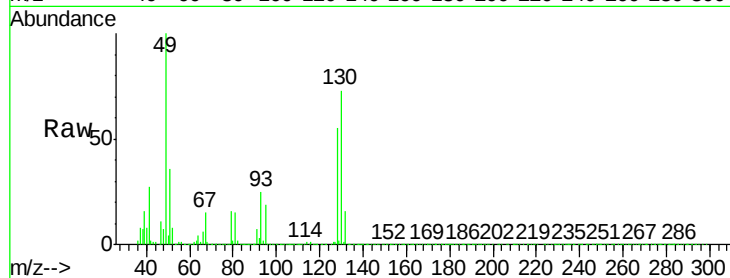
ClientSampleId :

VX0407WBSD01

Tot Ion:	128	Resp:	190267
Ion Ratio	Lower	Upper	
128	100		
49	176.7	0.0	428.0
130	129.2	0.0	324.5

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#2

Dichlorodifluoromethane

Concen: 18.004 ug/l

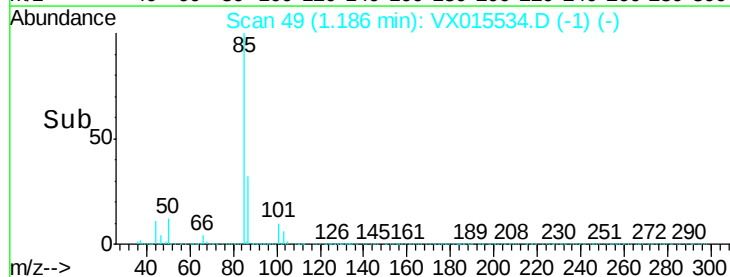
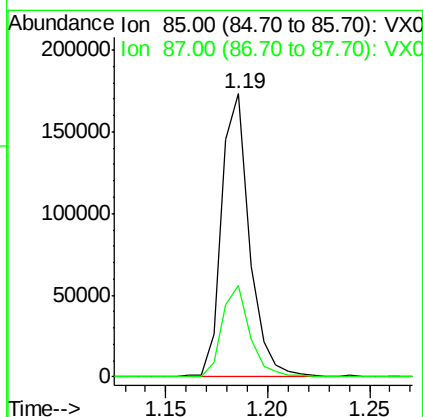
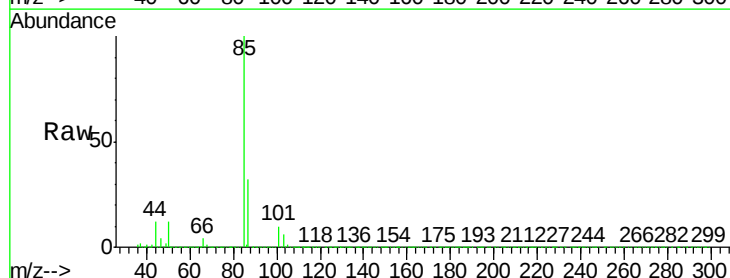
RT: 1.19 min Scan# 49

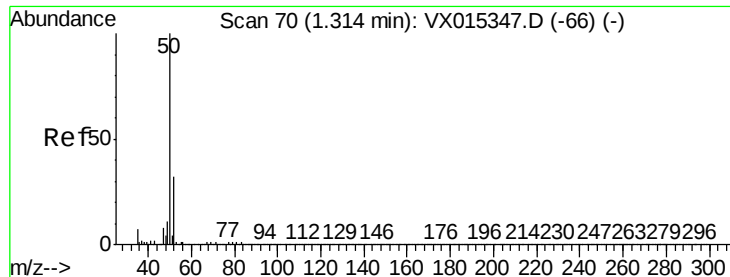
Delta R.T. -0.00 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Tgt Ion:	85	Resp:	163583
Ion Ratio	Lower	Upper	
85	100		
87	32.3	16.3	48.9





#3

Chloromethane

Concen: 17.811 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBSD01

Tot Ion: 50 Resp: 199725

Ion Ratio Lower Upper

50 100

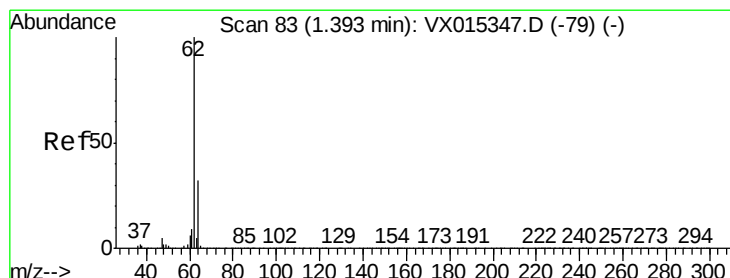
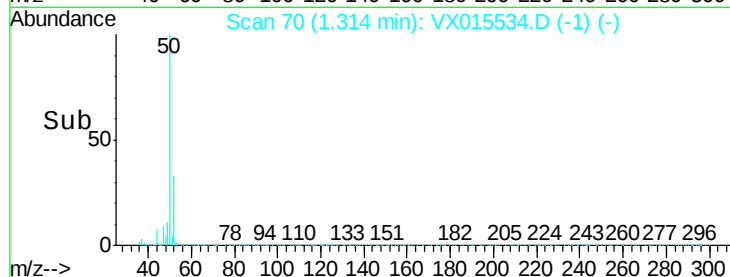
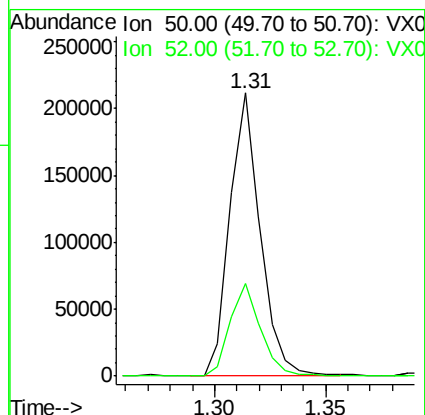
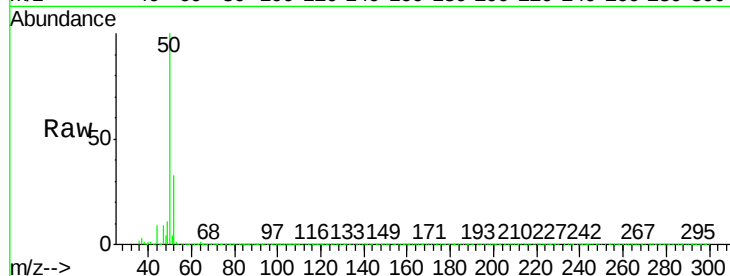
52 32.6 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.331 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015534.D

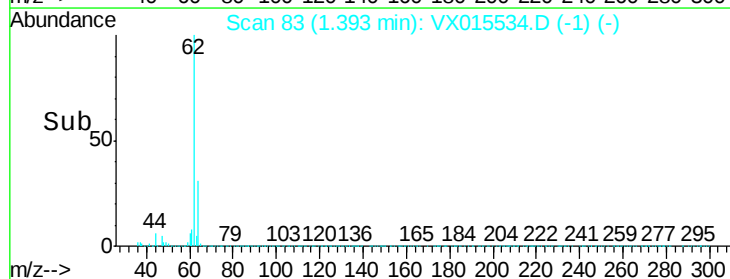
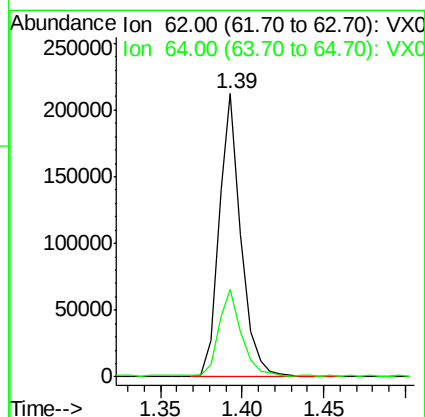
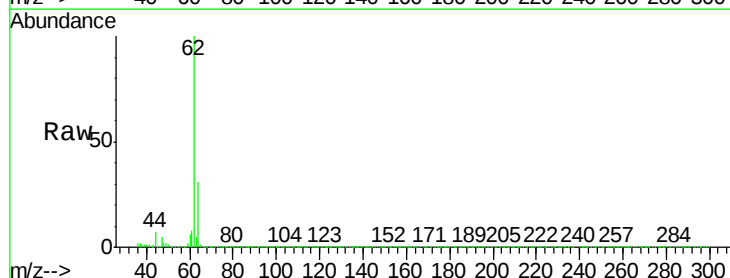
Acq: 07 Apr 2020 13:40

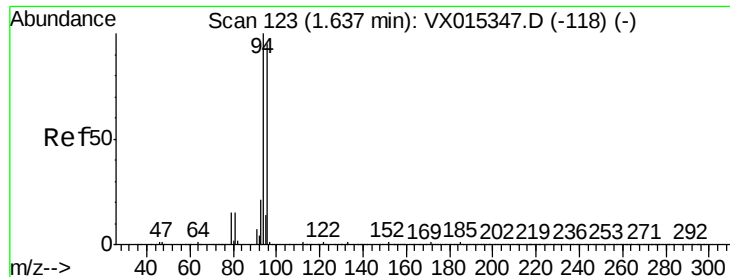
Tgt Ion: 62 Resp: 197751

Ion Ratio Lower Upper

62 100

64 30.5 25.4 38.0





#5

Bromomethane

Concen: 24.028 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBSD01

Tot Ion: 94 Resp: 137992

Ion Ratio Lower Upper

94 100

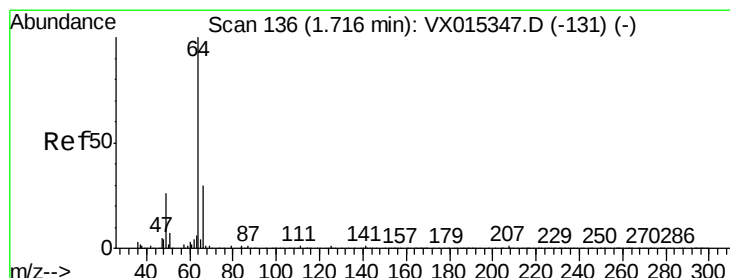
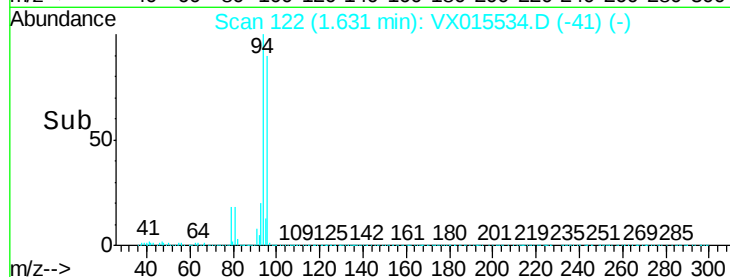
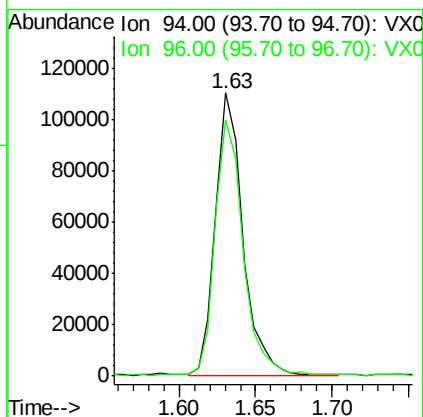
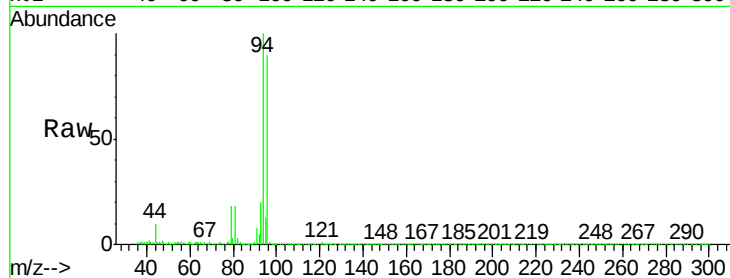
96 90.4 76.1 114.1

Manual Integrations

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#6

Chloroethane

Concen: 18.902 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX015534.D

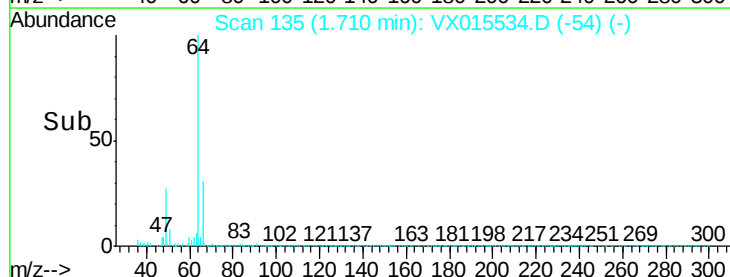
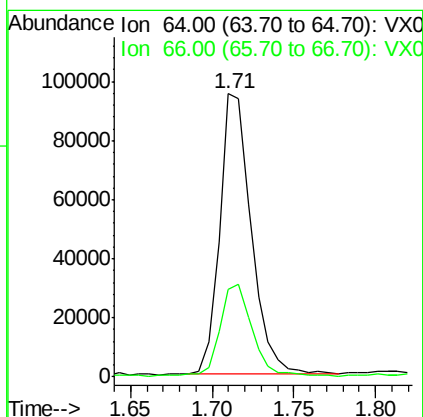
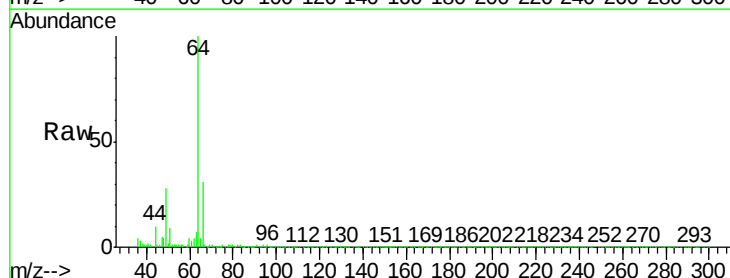
Acq: 07 Apr 2020 13:40

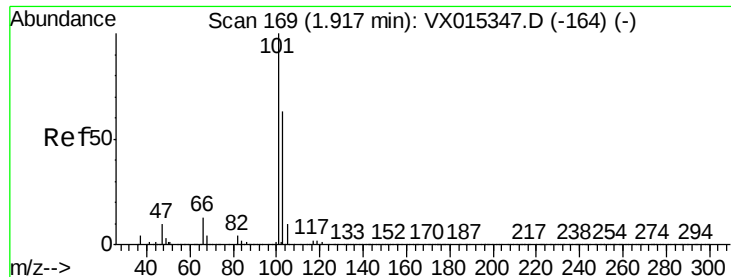
Tgt Ion: 64 Resp: 127219

Ion Ratio Lower Upper

64 100

66 31.4 24.3 36.5





#7

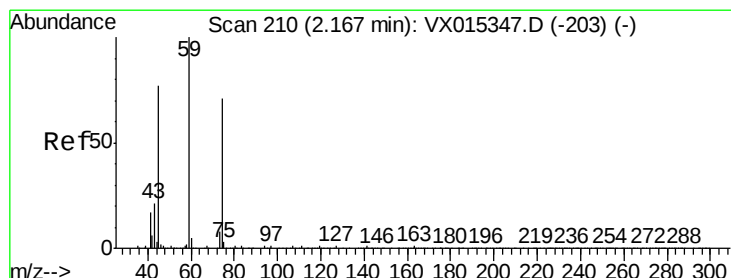
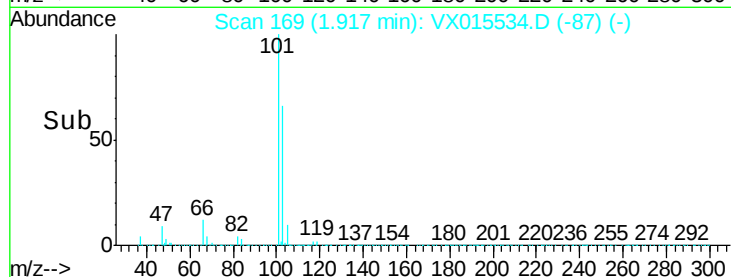
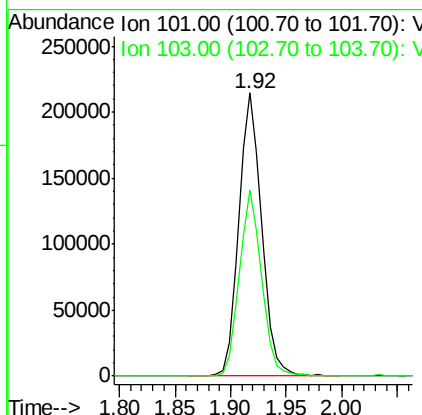
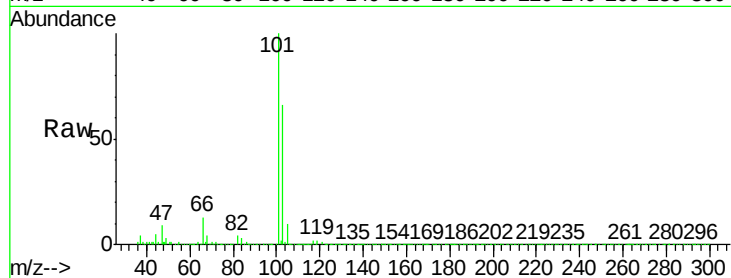
Trichlorofluoromethane
Concen: 19.647 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX015534.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	302891		
103	65.6	49.9	74.9	

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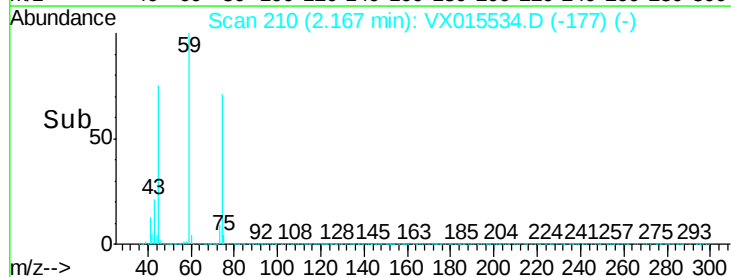
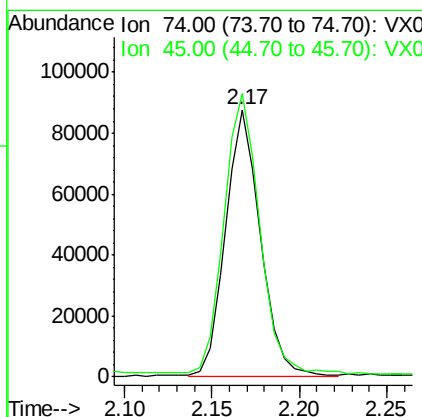
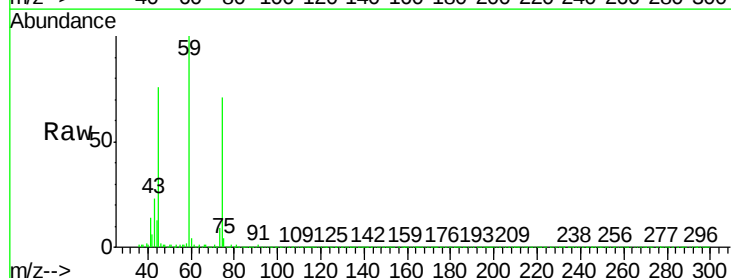
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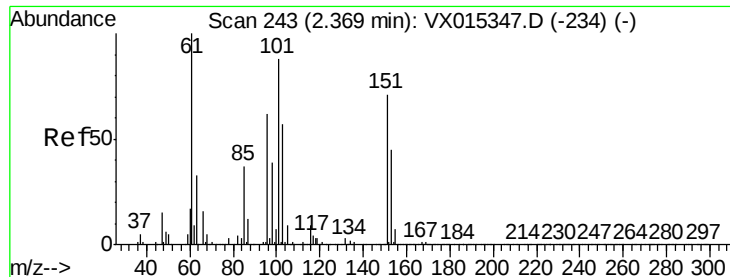


#8

Diethyl Ether
Concen: 20.444 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	121262		
45	108.4	21.8	196.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.736 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Instrument :

MSVOA_X

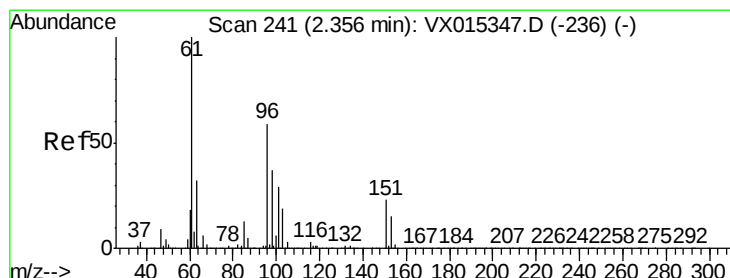
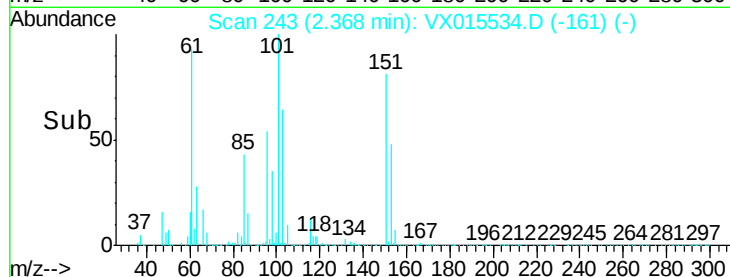
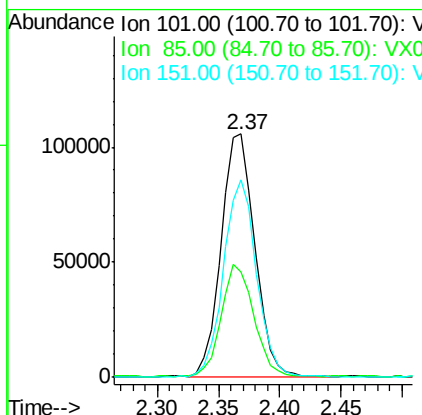
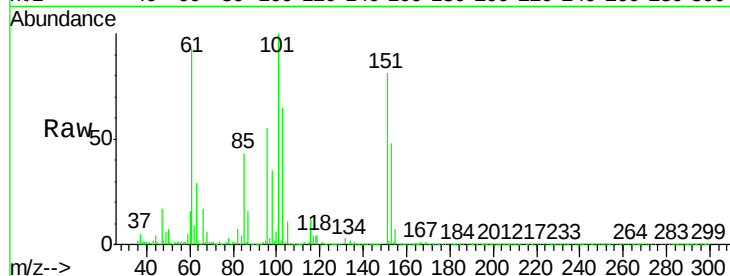
ClientSampleId :

VX0407WBSD01

Tot Ion:	101	Resp:	201300
Ion Ratio	Lower	Upper	
101	100		
85	45.0	0.0	85.8
151	79.3	0.0	164.6

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#10

1,1-Dichloroethene

Concen: 18.489 ug/l

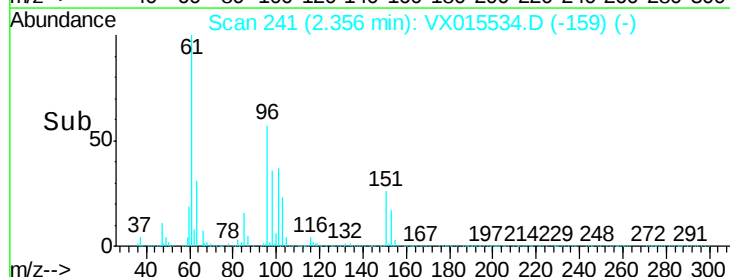
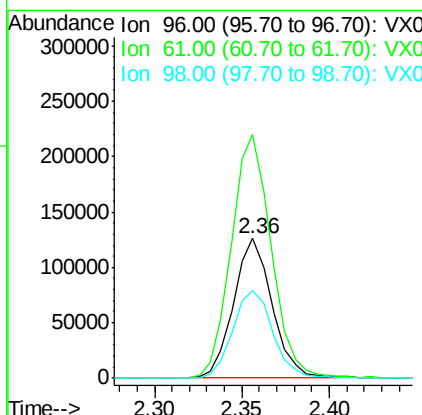
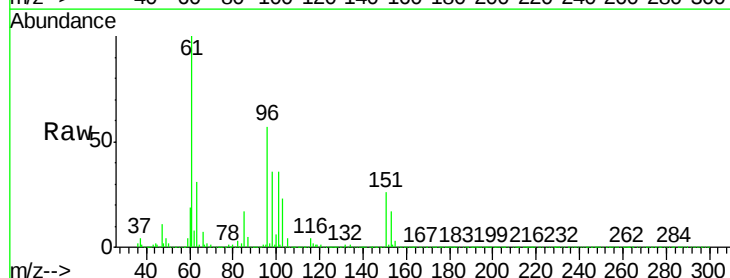
RT: 2.36 min Scan# 241

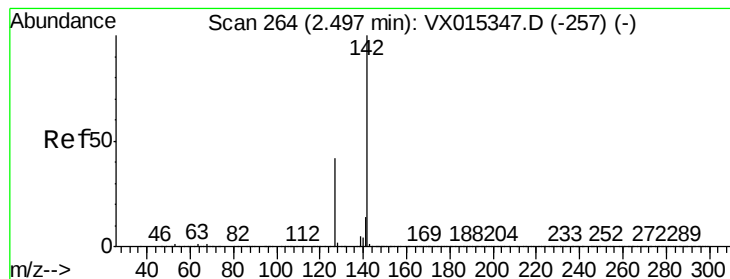
Delta R.T. -0.00 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Tgt Ion:	96	Resp:	191550
Ion Ratio	Lower	Upper	
96	100		
61	174.1	135.5	203.3
98	62.0	50.2	75.2





#11

Methvl Iodide

Concen: 19.498 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Instrument :

MSVOA_X

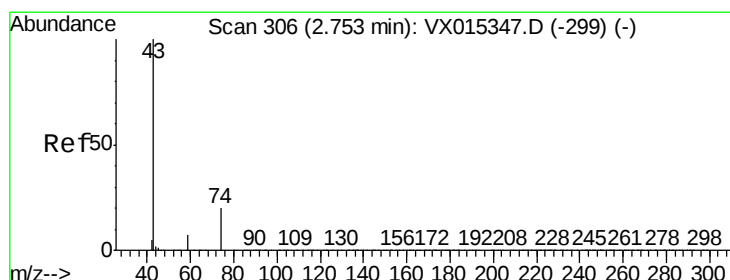
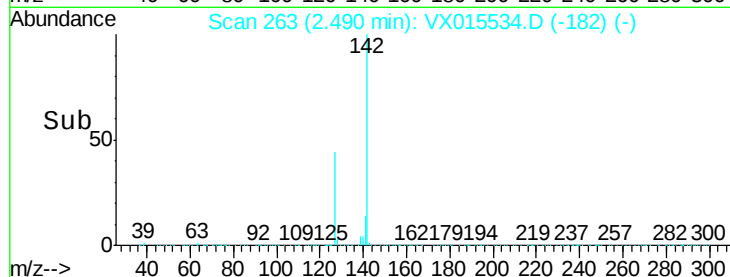
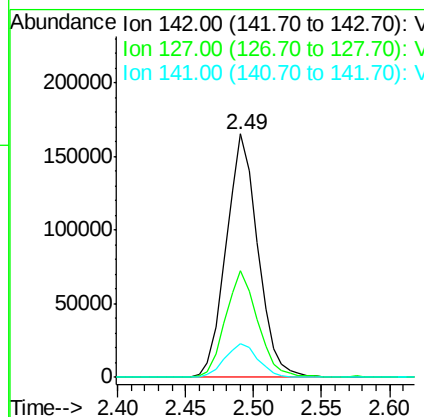
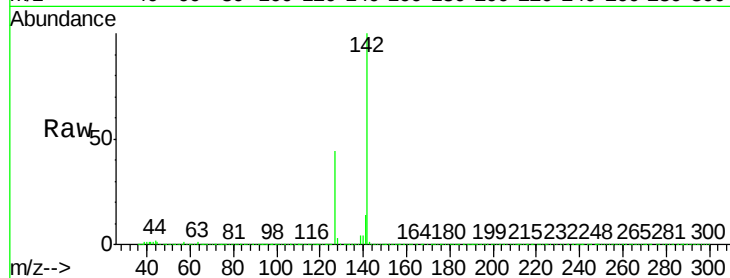
ClientSampleId :

VX0407WBSD01

Tot Ion:	142	Resp:	268440
Ion Ratio	Lower	Upper	
142	100		
127	43.5	21.0	63.0
141	13.6	6.9	20.7

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#12

Methyl Acetate

Concen: 19.762 ug/l

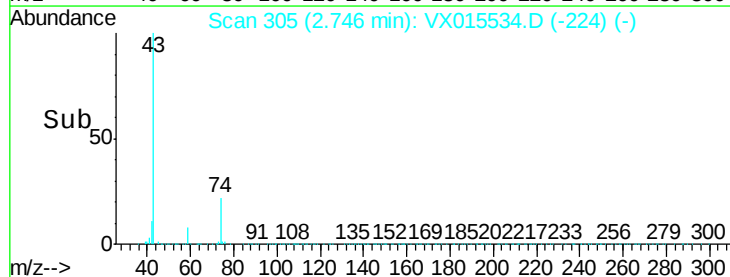
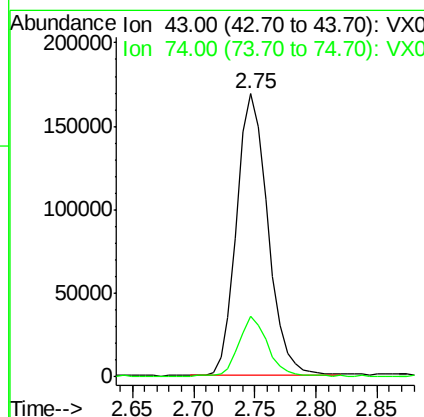
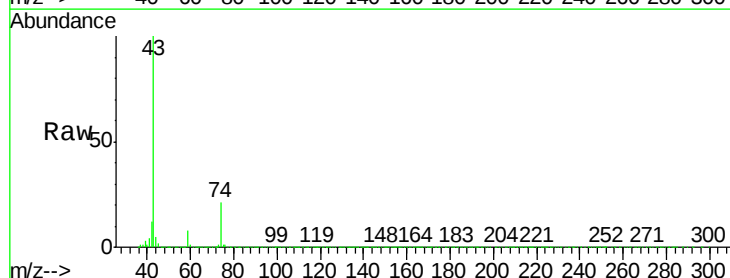
RT: 2.75 min Scan# 305

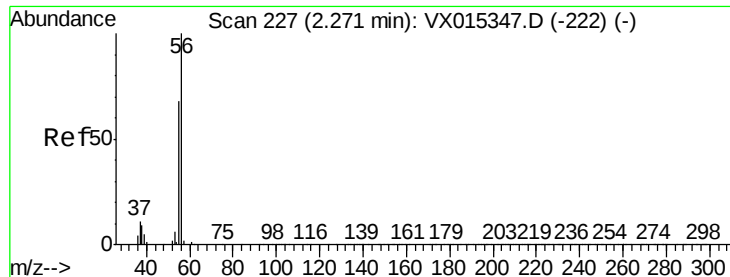
Delta R.T. -0.01 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Tgt Ion:	43	Resp:	299581
Ion Ratio	Lower	Upper	
43	100		
74	21.2	15.8	23.6





#13

Acrolein

Concen: 106.610 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBSD01

Tot Ion: 56 Resp: 210247

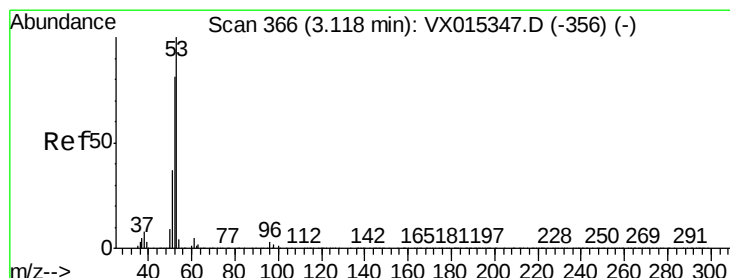
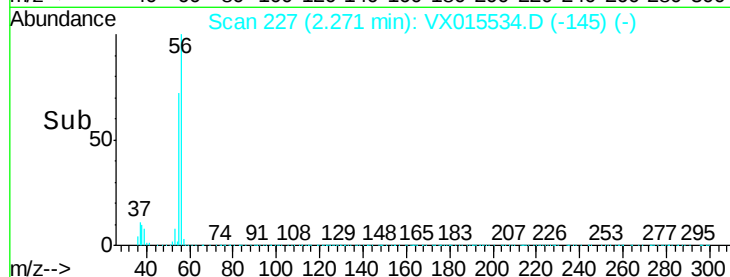
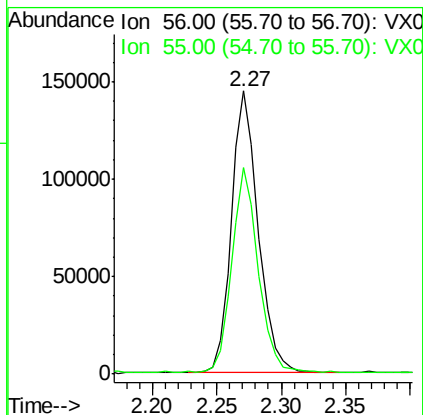
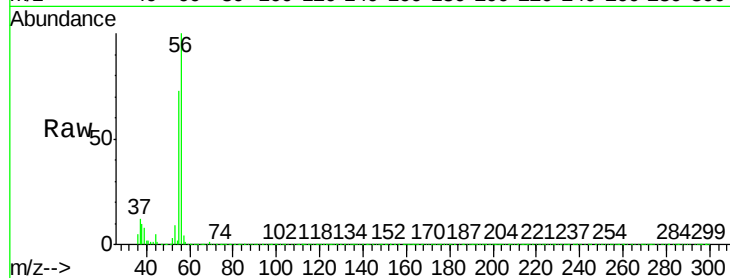
Ion Ratio Lower Upper

56 100

55 72.1 53.5 80.3

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#14

Acrylonitrile

Concen: 98.175 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

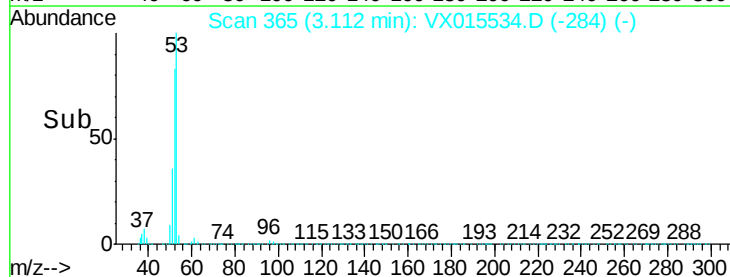
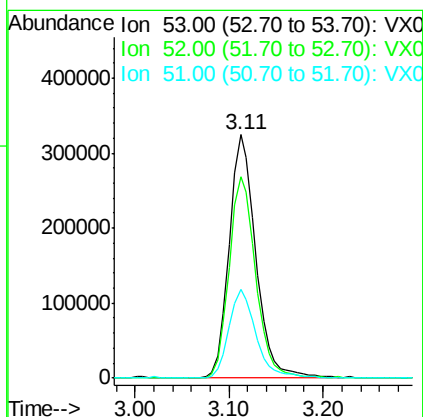
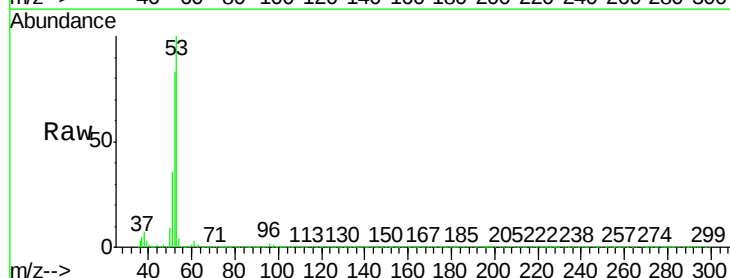
Tgt Ion: 53 Resp: 637173

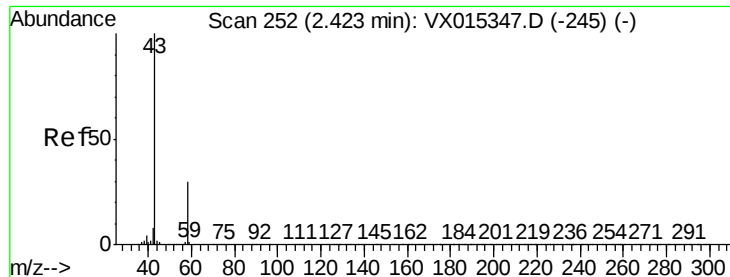
Ion Ratio Lower Upper

53 100

52 82.7 41.0 123.2

51 37.1 18.4 55.4





#15

Acetone

Concen: 98.191 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Instrument :

MSVOA_X

ClientSampled :

VX0407WBSD01

Tot Ion: 58 Resp: 162045

Ion Ratio Lower Upper

58 100

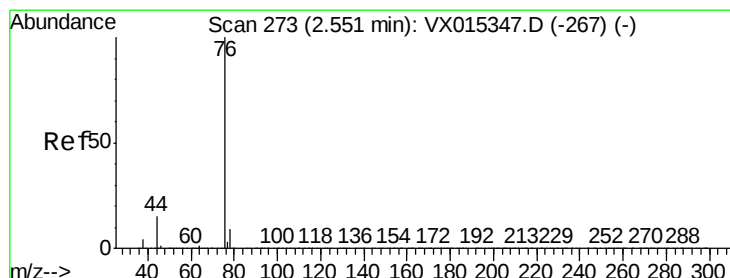
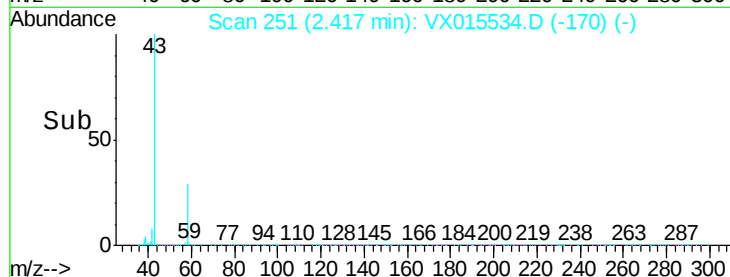
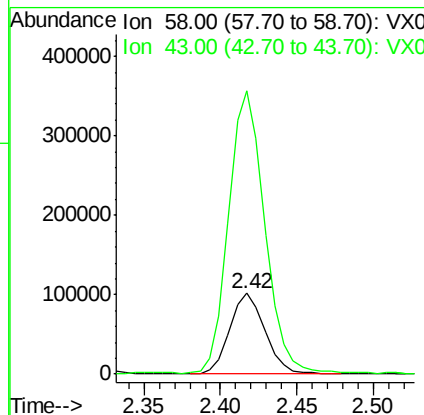
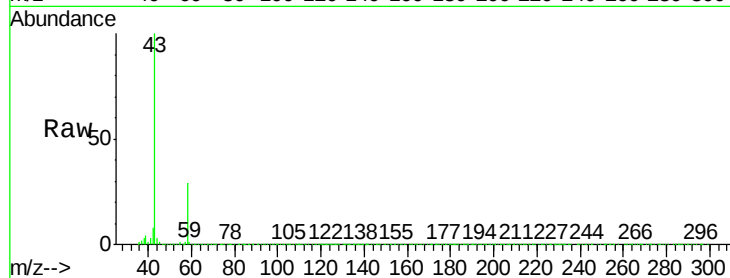
43 349.5 267.8 401.8

Manual Integrations

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#16

Carbon Disulfide

Concen: 18.664 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015534.D

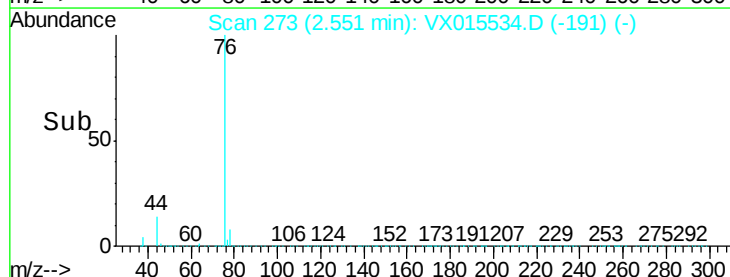
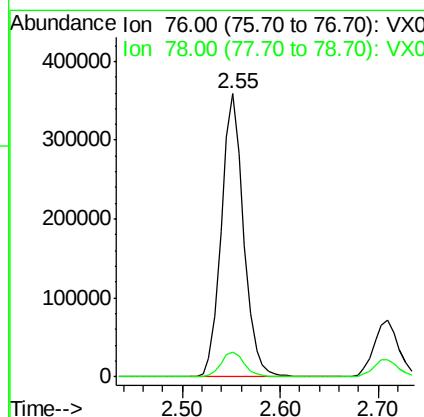
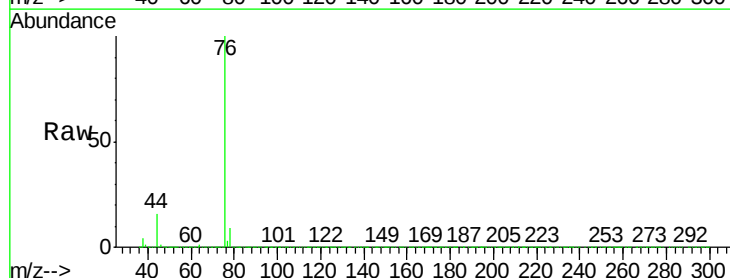
Acq: 07 Apr 2020 13:40

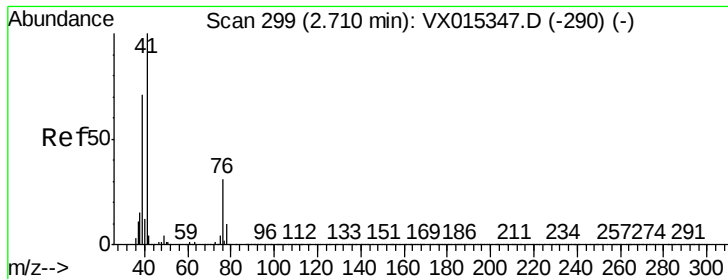
Tgt Ion: 76 Resp: 565253

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.2





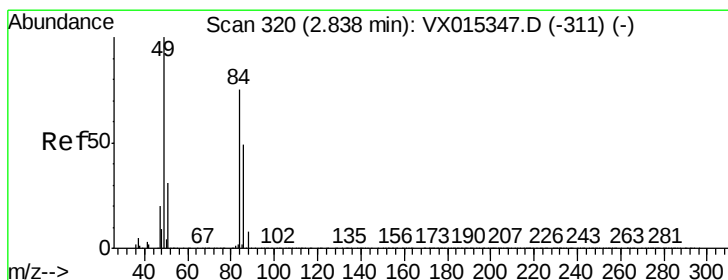
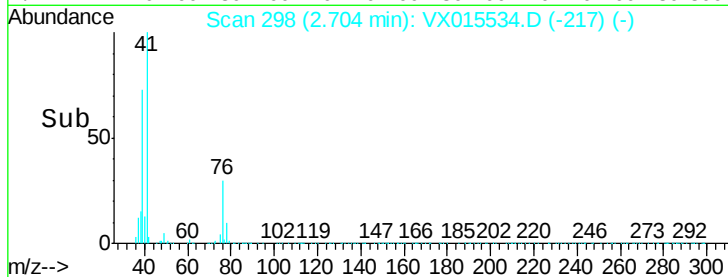
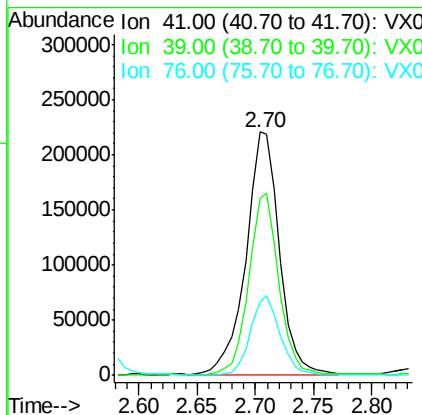
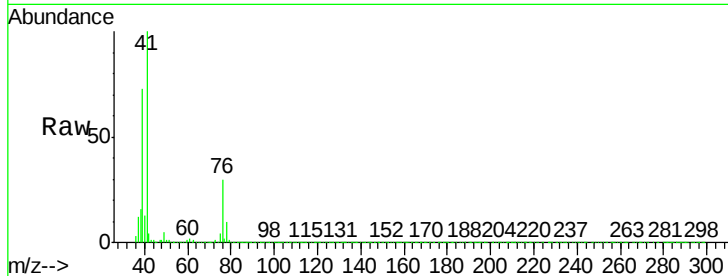
#17
Allvl chloride
Concen: 18.765 ug/l
RT: 2.70 min Scan# 298
Delta R.T. -0.01 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	72.8	35.6	106.8
76	29.8	15.4	46.4

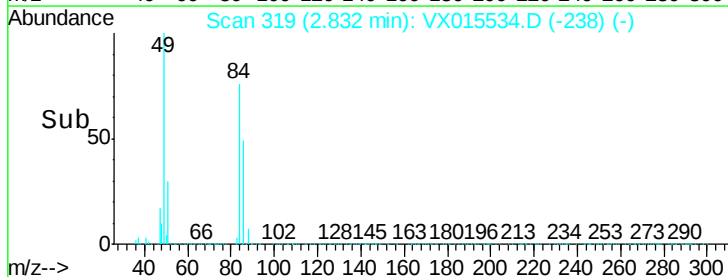
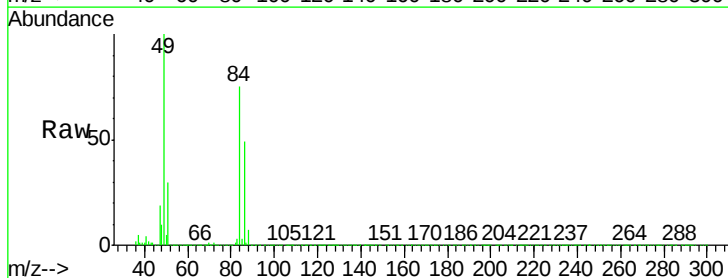
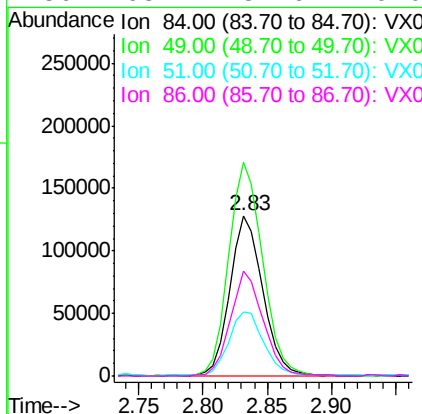
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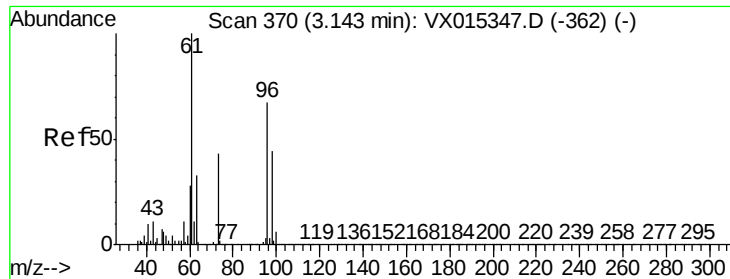
MMDadoda
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#18
Methylene Chloride
Concen: 19.514 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.1	107.0	160.4
51	39.7	33.4	50.0
86	65.1	52.6	79.0





#19

trans-1,2-Dichloroethene

Concen: 19.634 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015534.D

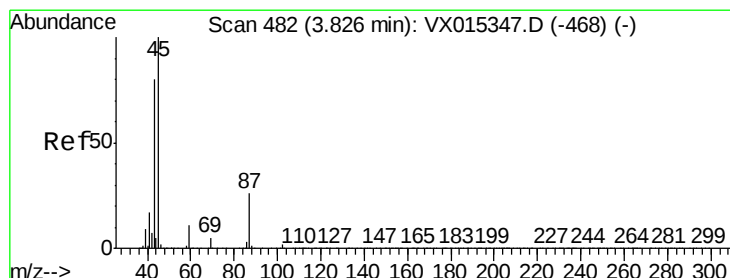
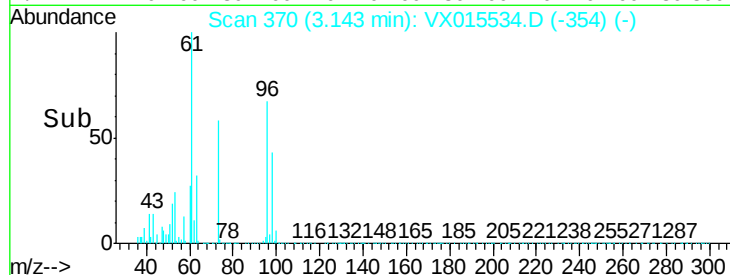
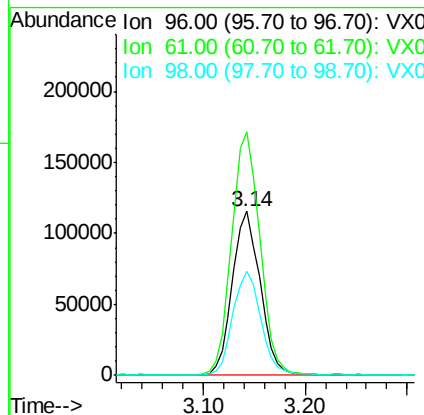
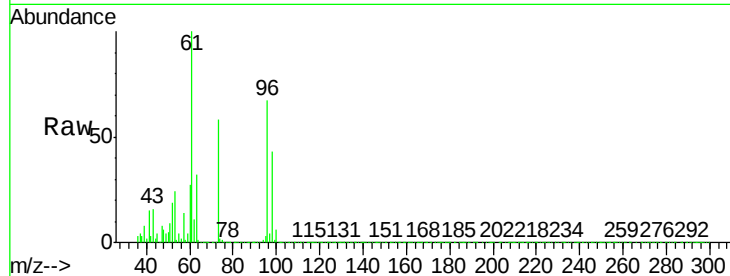
Acq: 07 Apr 2020 13:40

Tot Ion:	96	Resp:	220036
Ion Ratio	Lower	Upper	
96	100		
61	147.8	118.2	177.2
98	62.9	51.9	77.9

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD01

Manual Integrations
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#20

Diisopropyl ether

Concen: 20.127 ug/l

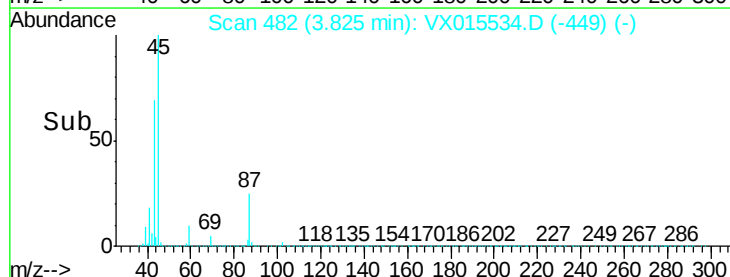
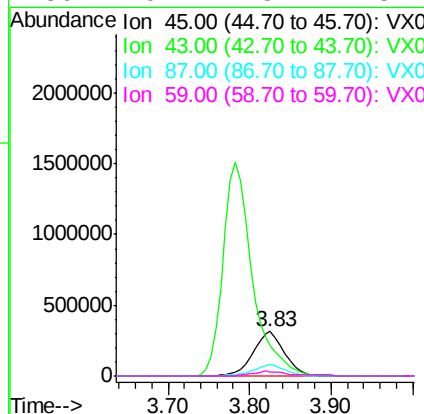
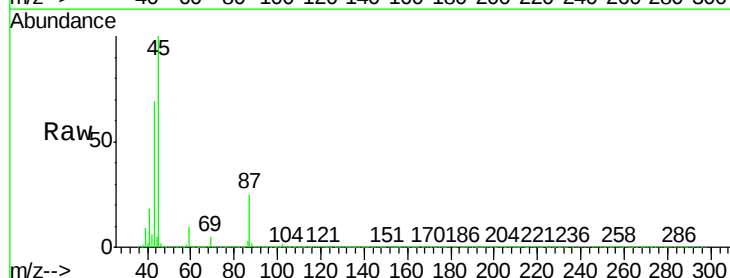
RT: 3.83 min Scan# 482

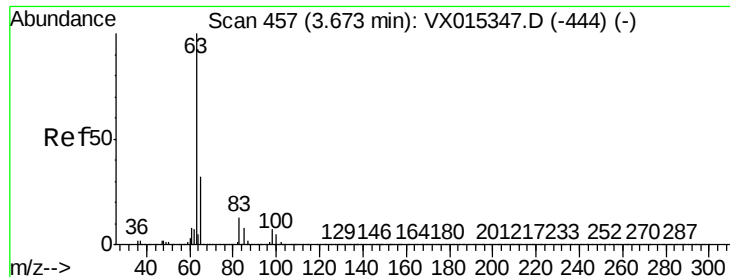
Delta R.T. -0.00 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Tgt Ion:	45	Resp:	844375
Ion Ratio	Lower	Upper	
45	100		
43	68.9	64.4	96.6
87	24.8	20.4	30.6
59	9.7	8.7	13.1





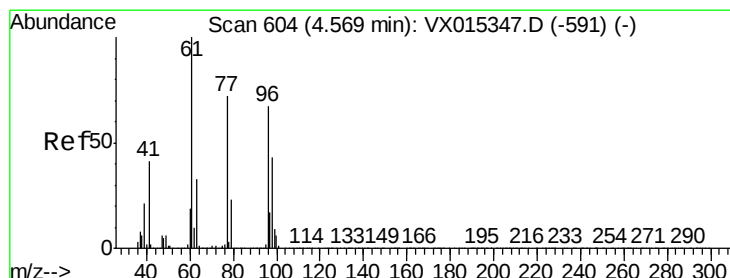
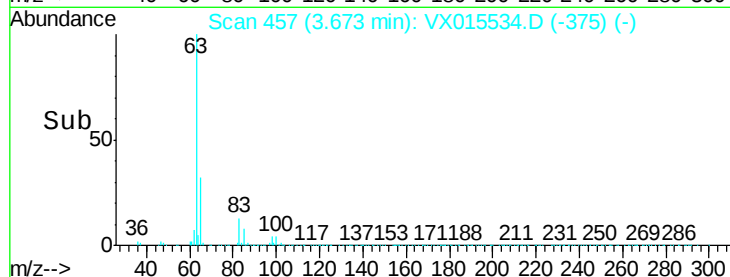
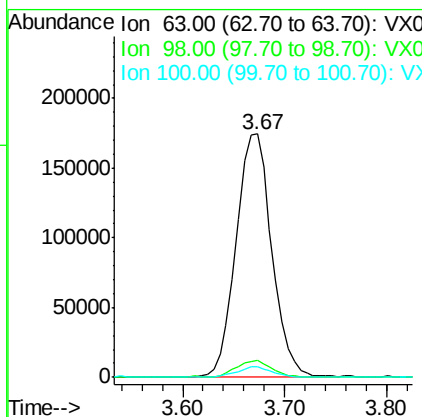
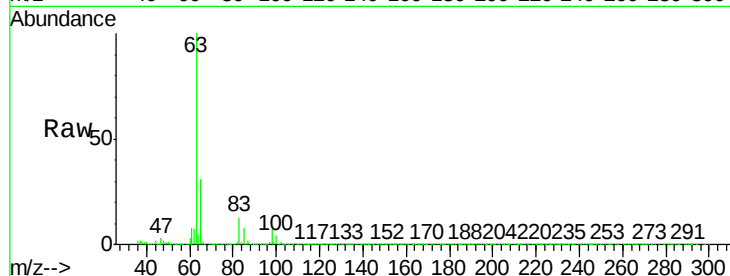
#21
 1,1-Dichloroethane
 Concen: 19.707 ug/l
 RT: 3.67 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: VX015534.D
 Acq: 07 Apr 2020 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
63	100	422020		
98	7.0	3.3	9.9	
100	4.2	2.3	6.8	

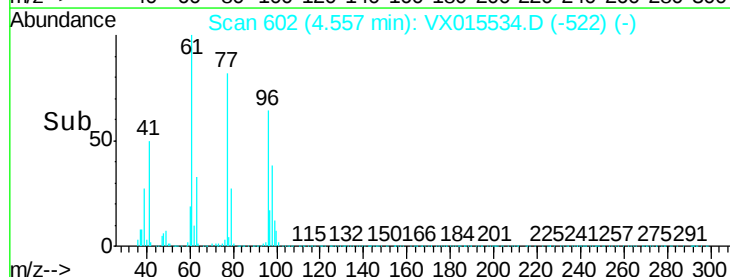
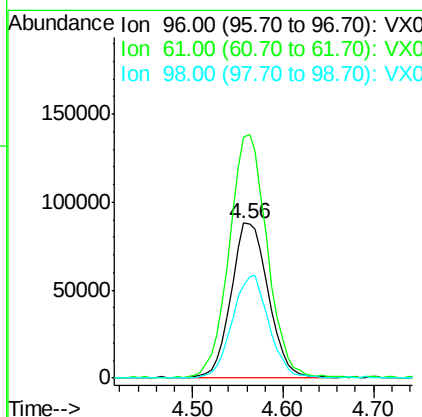
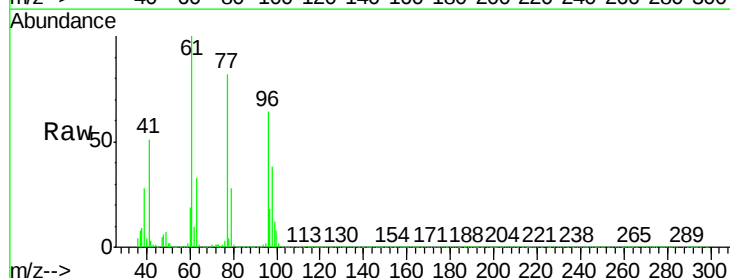
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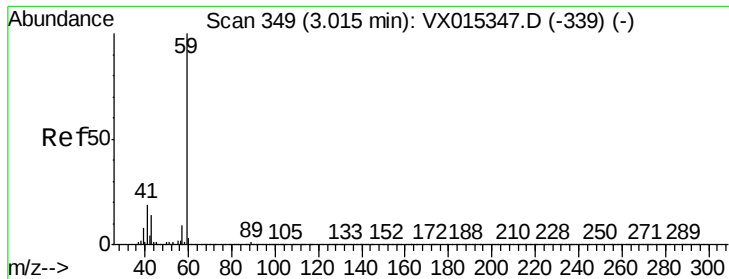
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#22
 cis-1,2-Dichloroethene
 Concen: 19.376 ug/l
 RT: 4.56 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VX015534.D
 Acq: 07 Apr 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	250165		
61	159.7	127.2	190.8	
98	65.1	51.8	77.6	





#23

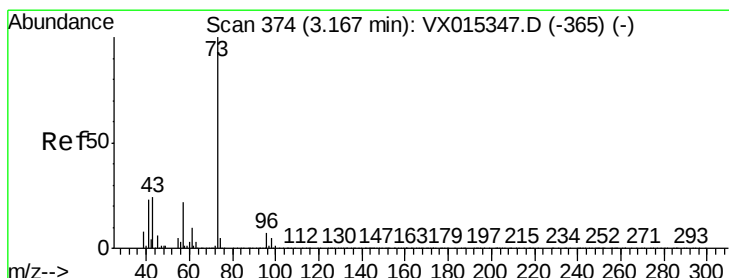
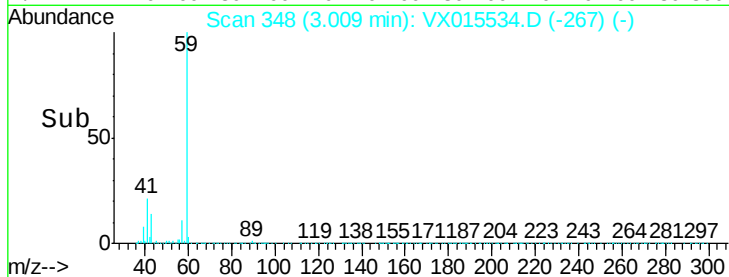
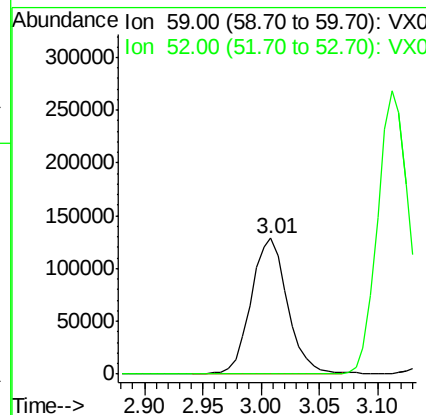
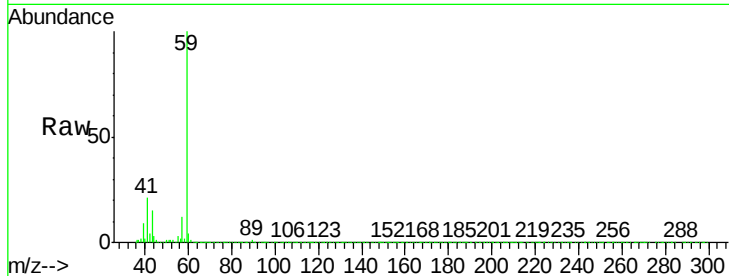
tert-Butyl Alcohol
 Concen: 87.593 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015534.D
 Acq: 07 Apr 2020 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.2	0.2#

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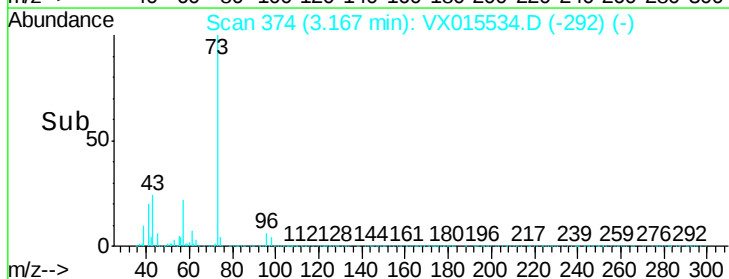
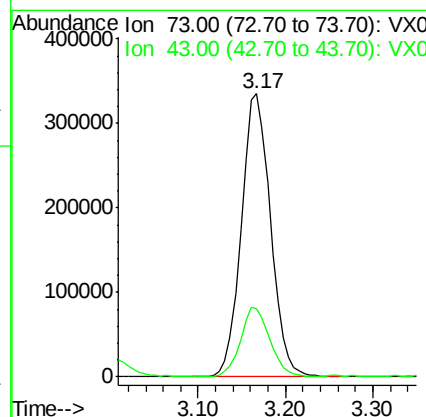
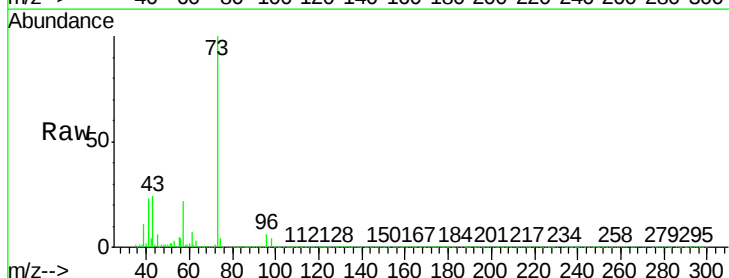
MMDadoda
 4/8/2020 11:12:15 AM

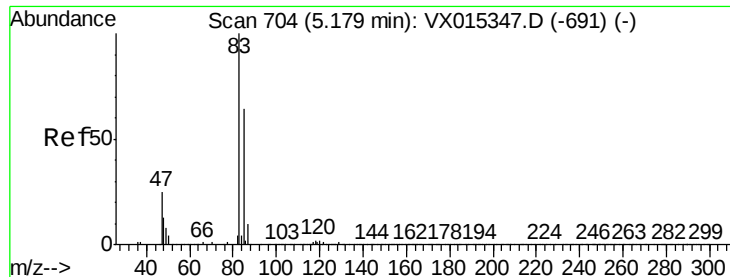


#24

Methyl tert-Butyl Ether
 Concen: 20.137 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VX015534.D
 Acq: 07 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
73	100		
43	24.3	19.2	28.8





#25

Chloroform

Concen: 19.922 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.00 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBSD01

Tot Ion: 83 Resp: 421690

Ion Ratio Lower Upper

83 100

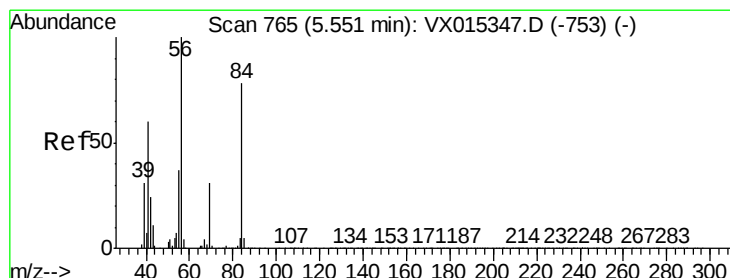
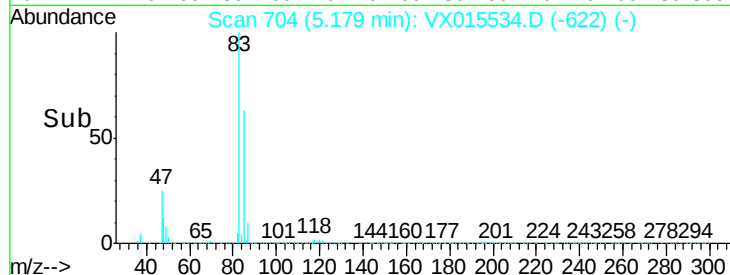
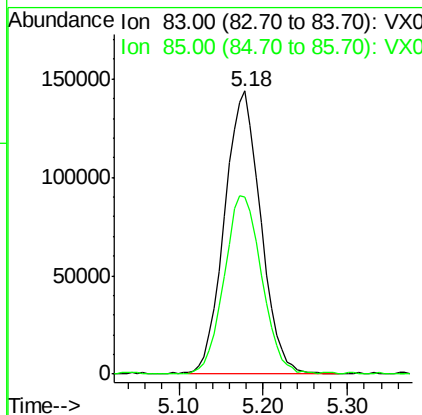
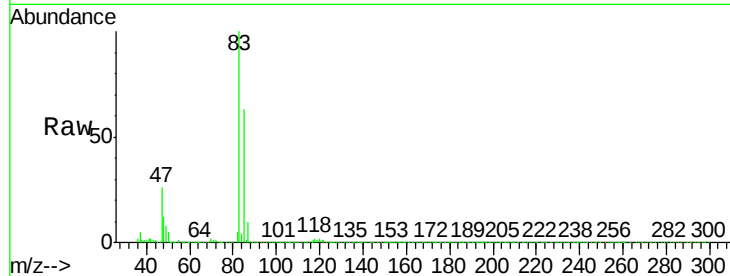
85 62.5 50.5 75.7

Manual Integrations

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4/8/2020 11:12:15 AM



#26

Cyclohexane

Concen: 18.692 ug/l

RT: 5.54 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

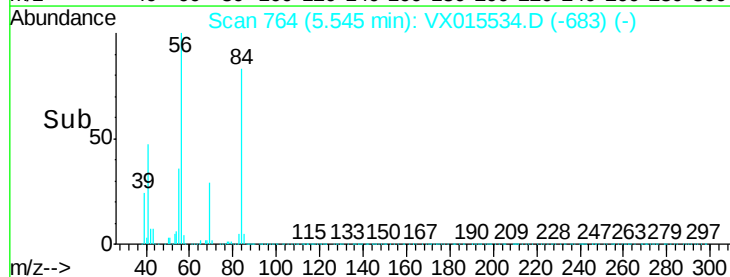
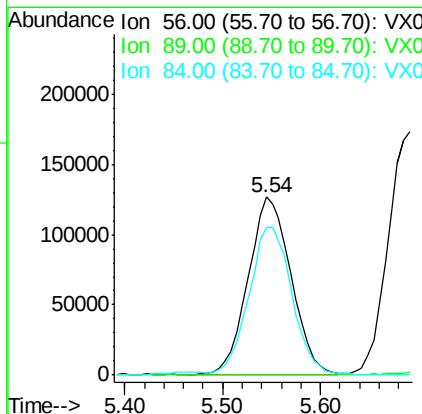
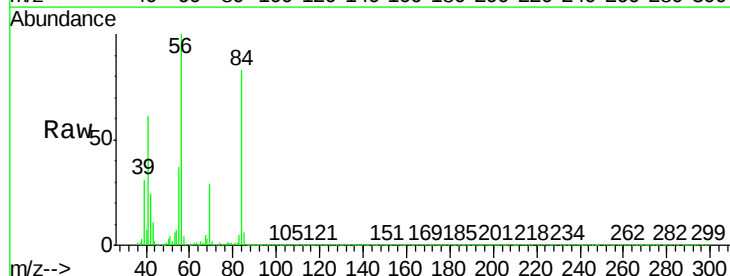
Tgt Ion: 56 Resp: 382442

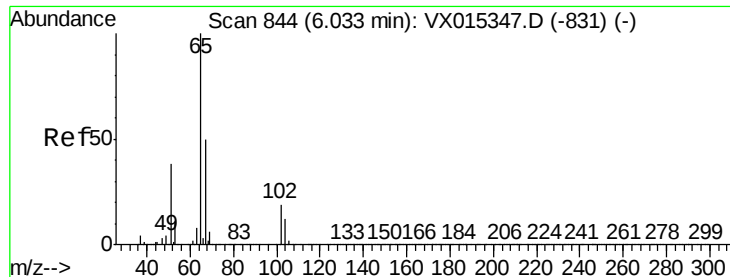
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 84.2 66.1 99.1





#27

1,2-Dichloroethane-d4

Concen: 30.955 ug/l

RT: 6.03 min Scan# 843

Delta R.T. -0.01 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Tot Ion: 65 Resp: 460232

Ion Ratio Lower Upper

65 100

67 50.8 40.9 61.3

Instrument :

MSVOA_X

ClientSampleId :

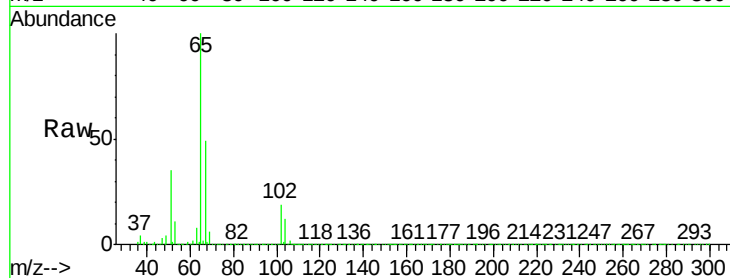
VX0407WBSD01

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.03

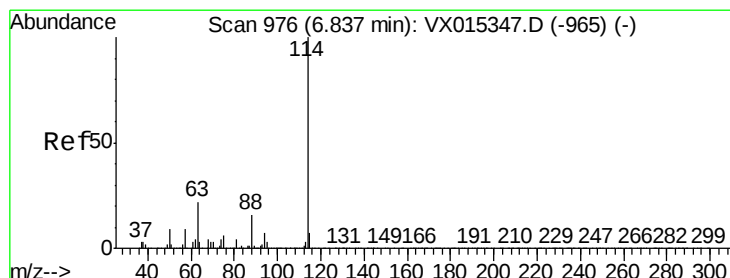
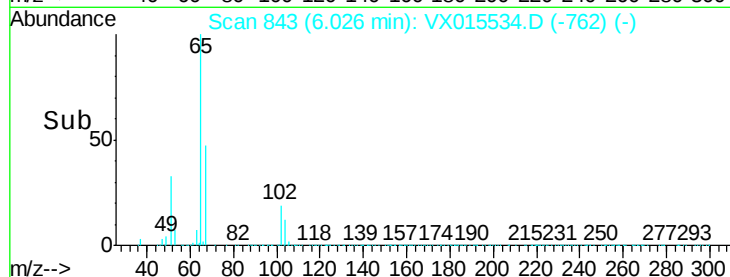
150000

100000

50000

0

Time--> 5.90 6.00 6.10



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

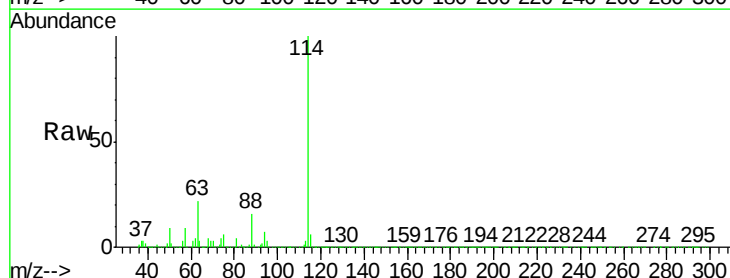
Tgt Ion: 114 Resp: 1048291

Ion Ratio Lower Upper

114 100

63 22.5 17.4 26.2

88 16.5 12.9 19.3



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

6.83

600000

500000

400000

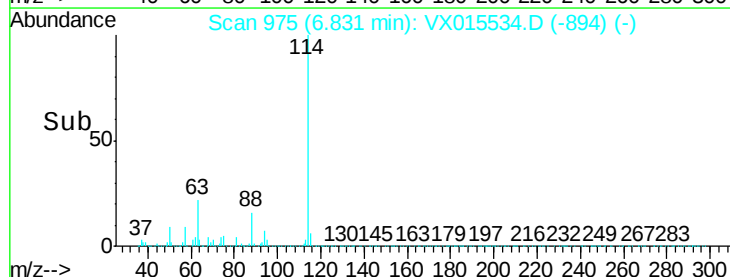
300000

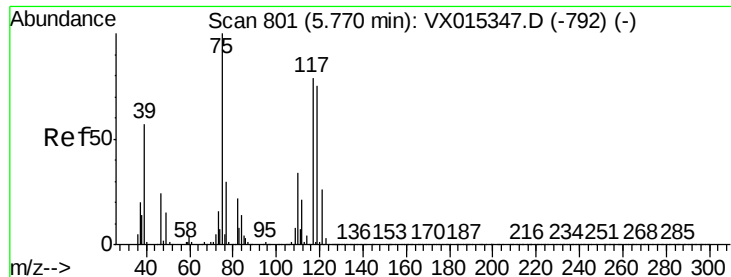
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





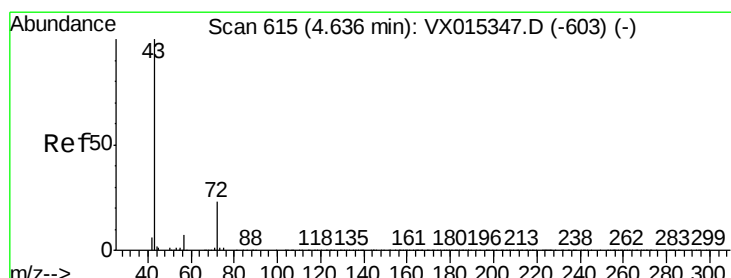
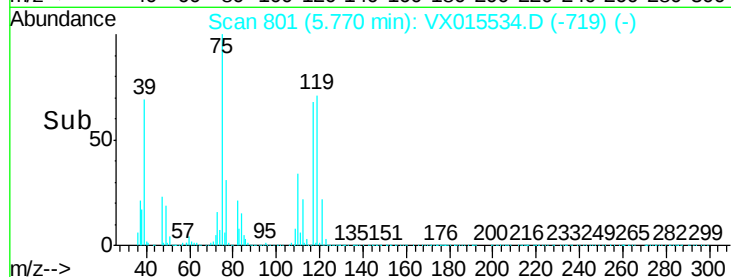
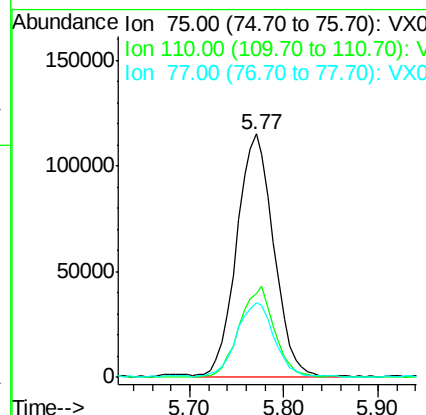
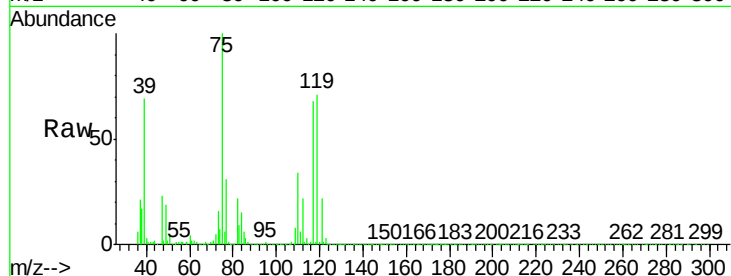
#29
 1,1-Dichloropropene
 Concen: 20.015 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX015534.D
 Acq: 07 Apr 2020 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBSD01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	35.2	0.0	71.2
77	30.6	0.0	62.2

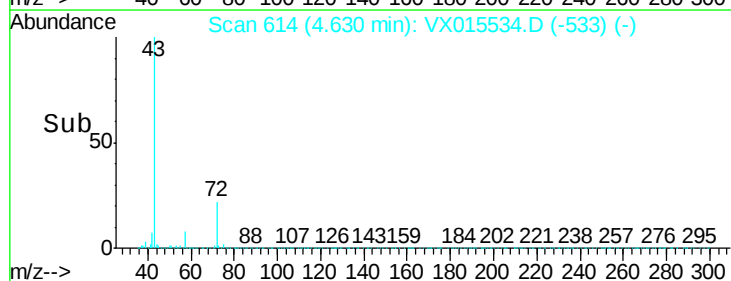
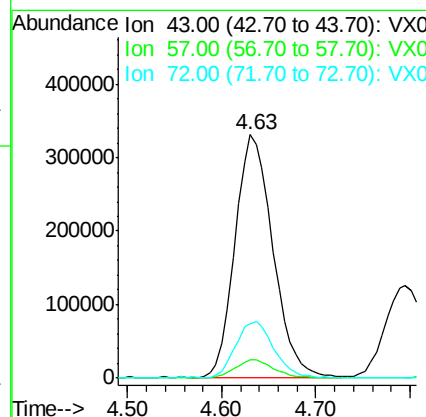
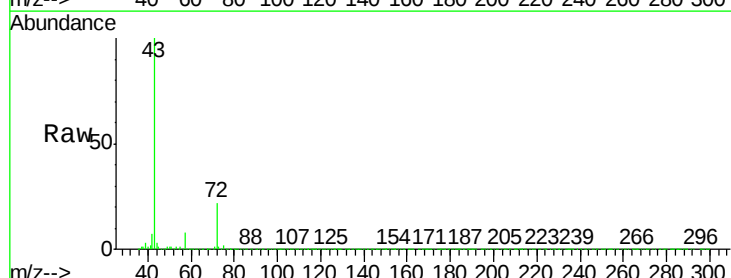
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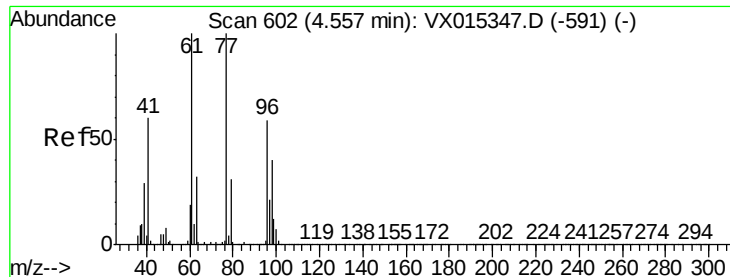
MMDadoda
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#30
 2-Butanone
 Concen: 97.550 ug/l
 RT: 4.63 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: VX015534.D
 Acq: 07 Apr 2020 13:40

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.6	5.9	8.9
72	23.0	18.6	27.8





#31

2,2-Dichloropropane

Concen: 19.516 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Instrument :

MSVOA_X

ClientSampled :

VX0407WBSD01

Tot Ion: 77 Resp: 369877

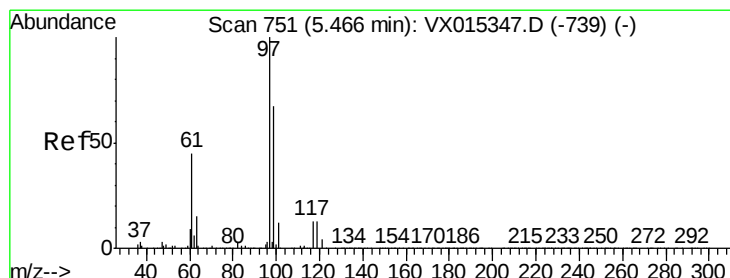
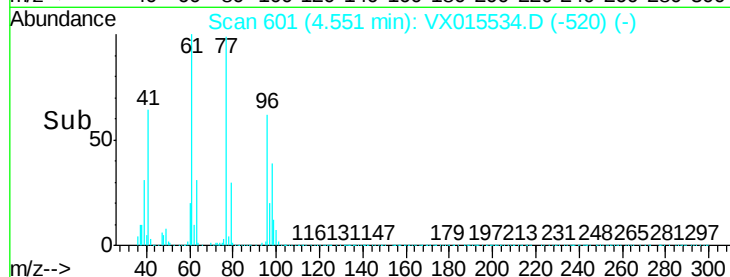
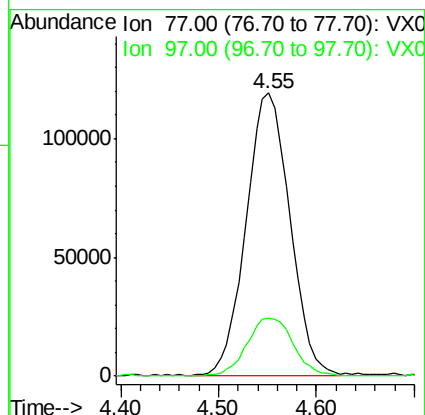
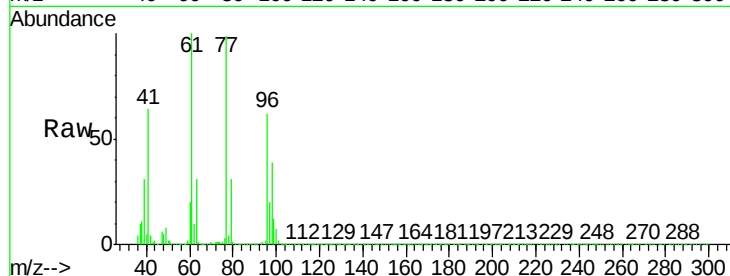
Ion Ratio Lower Upper

77 100

97 21.9 17.8 26.8

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#32

1,1,1-Trichloroethane

Concen: 20.165 ug/l

RT: 5.46 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

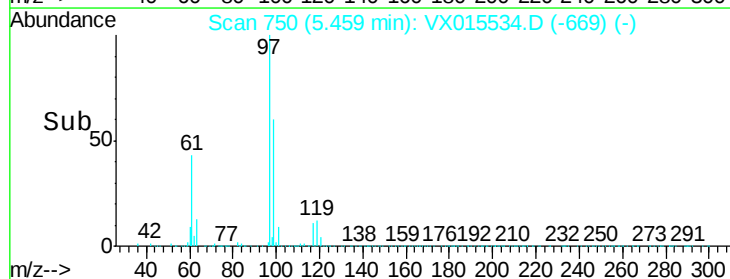
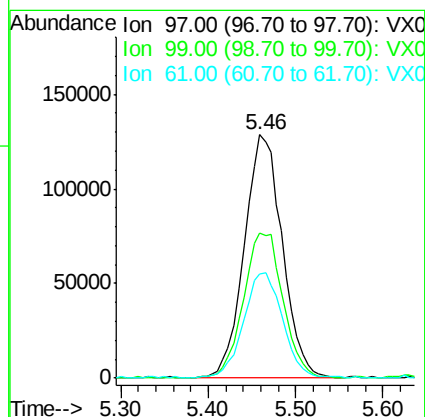
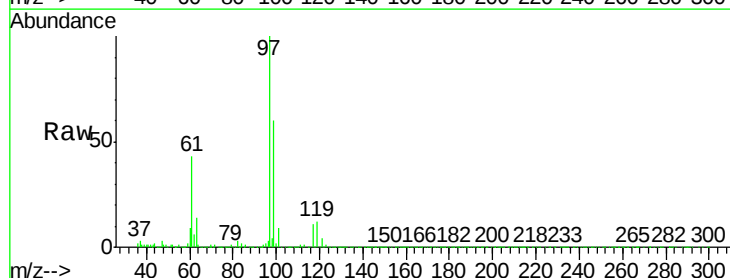
Tgt Ion: 97 Resp: 387494

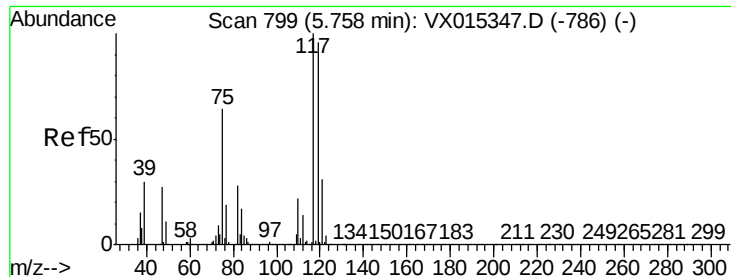
Ion Ratio Lower Upper

97 100

99 61.9 51.0 76.4

61 44.8 35.8 53.8





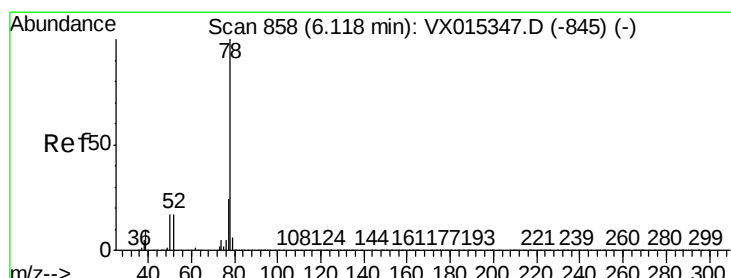
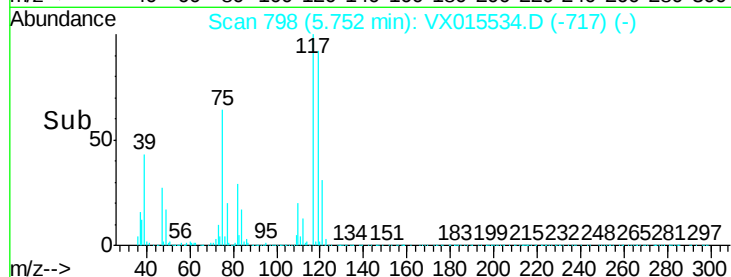
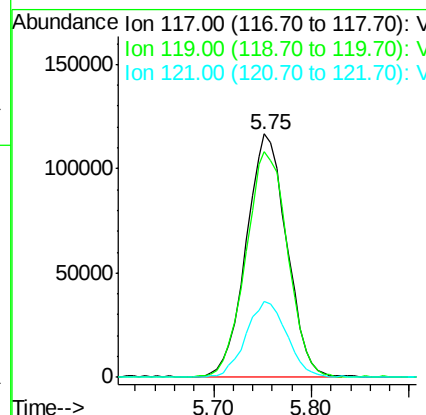
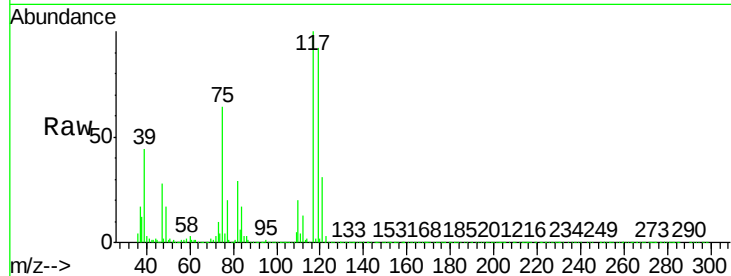
#33
Carbon Tetrachloride
Concen: 19.135 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.6	114.8
121	31.2	25.0	37.4

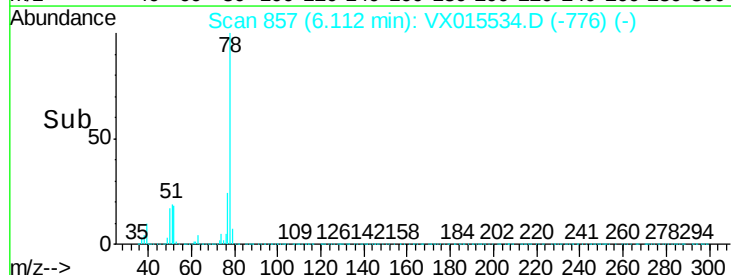
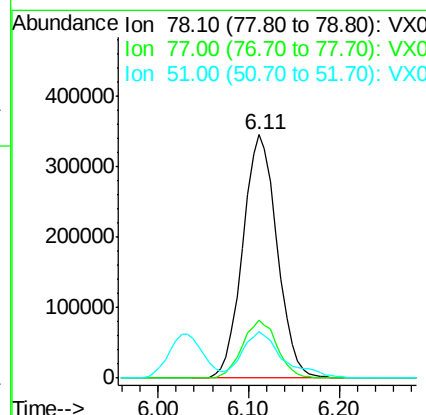
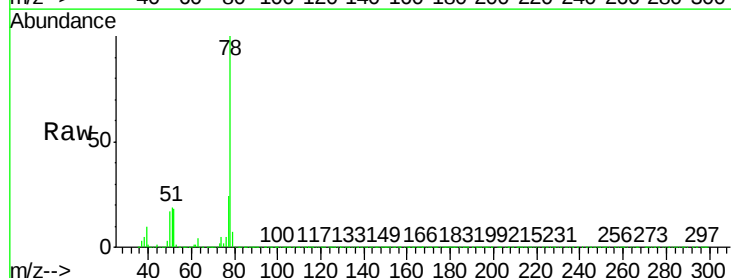
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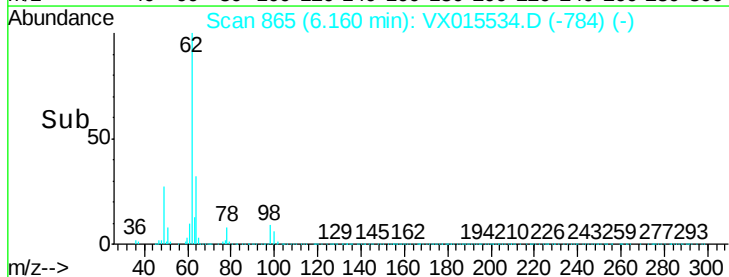
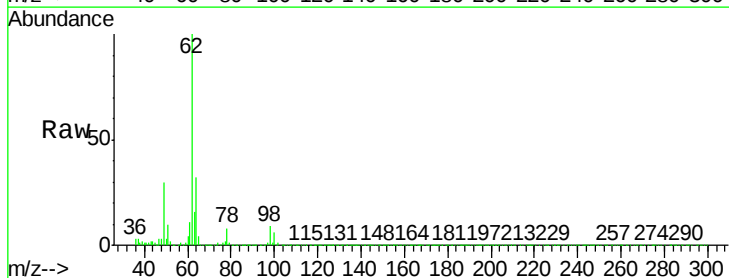
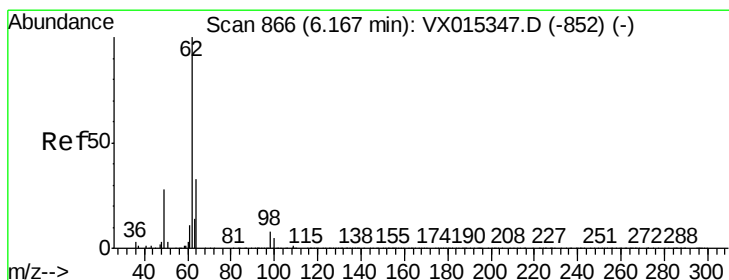
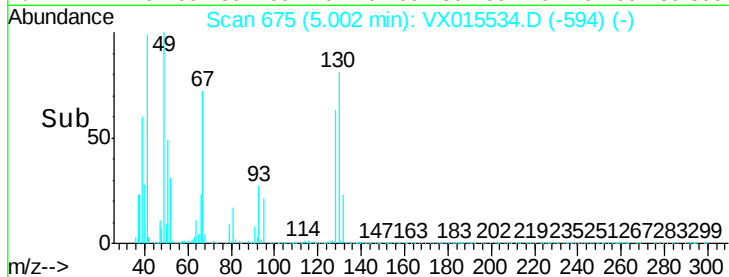
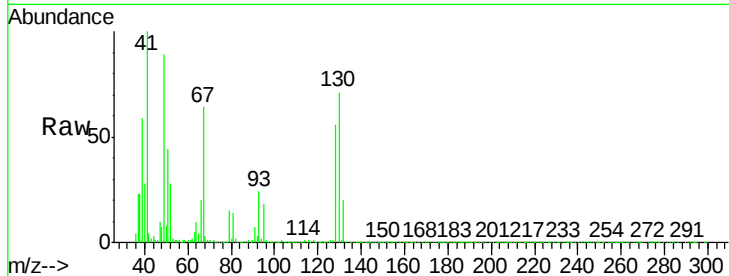
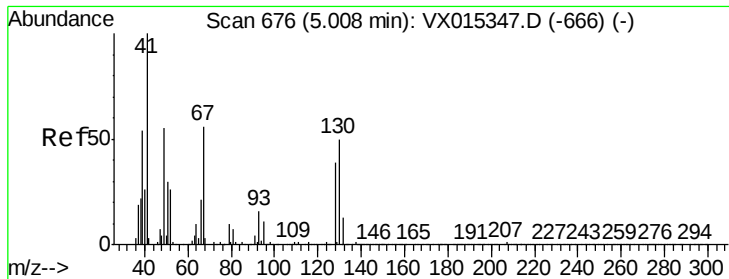
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#34
Benzene
Concen: 19.840 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

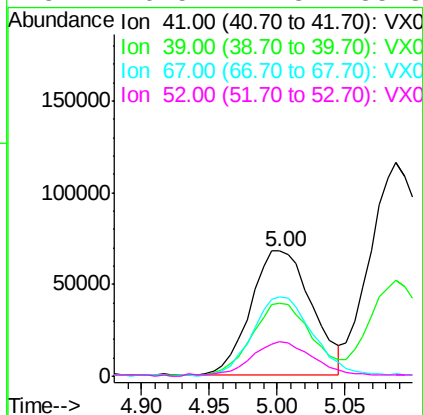
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.2
51	18.8	14.6	21.8





#35
Methacrylonitrile
Concen: 19.966 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		213760		
39	58.1	27.0	81.0		
67	63.9	28.2	84.6		
52	26.5	12.8	38.3		



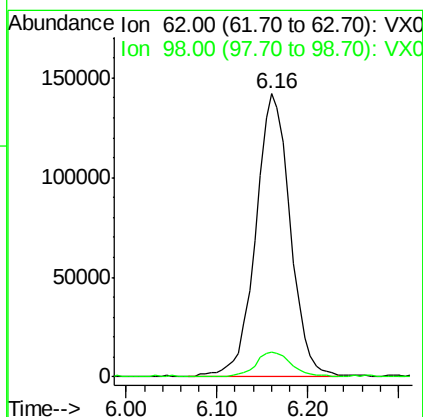
Instrument :
MSVOA_X
ClientSampled :
VX0407WBSD01

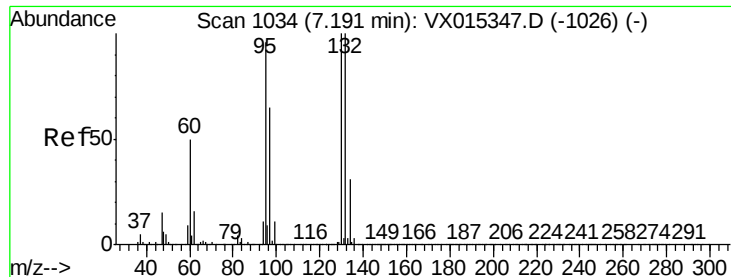
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#36
1,2-Dichloroethane
Concen: 21.162 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		371185		
98	8.5	6.9	10.3		





#37

Trichloroethene

Concen: 19.679 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Instrument :

MSVOA_X

ClientSampled :

VX0407WBSD01

Tot Ion:130 Resp: 251516

Ion Ratio Lower Upper

130 100

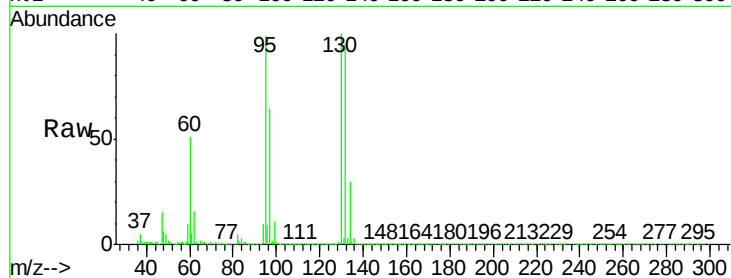
95 98.4 76.4 114.6

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

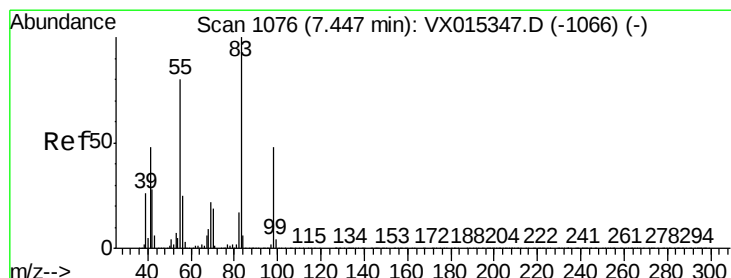
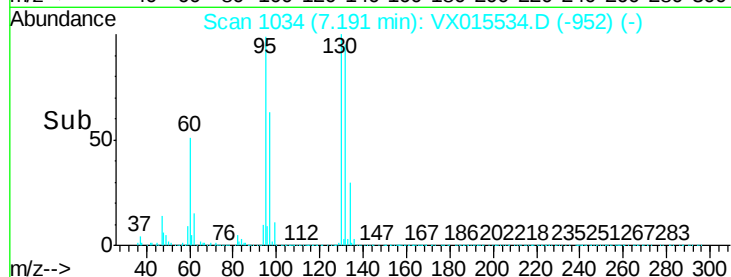
7.19

100000

50000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 19.681 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

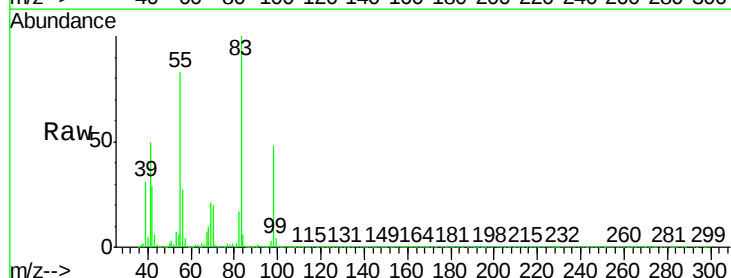
Tgt Ion: 83 Resp: 379989

Ion Ratio Lower Upper

83 100

55 84.1 41.3 124.1

98 49.8 24.0 72.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.44

200000

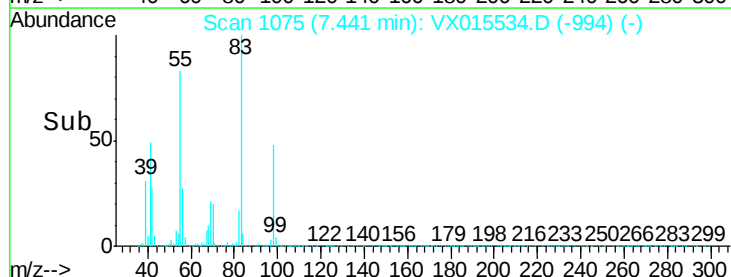
150000

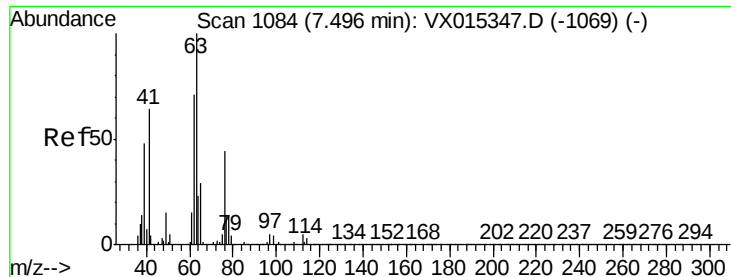
100000

50000

0

Time--> 7.30 7.40 7.50





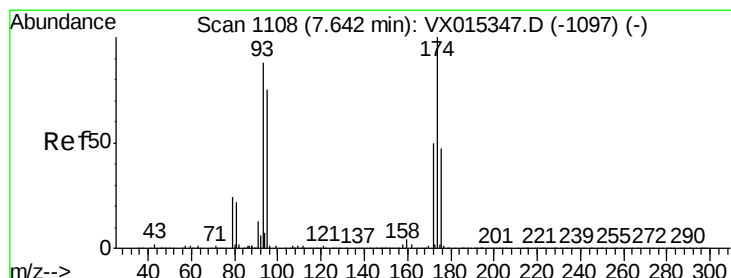
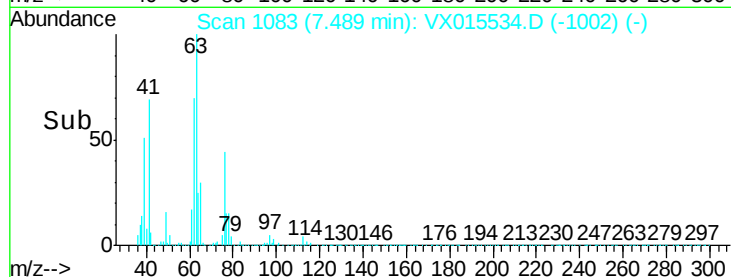
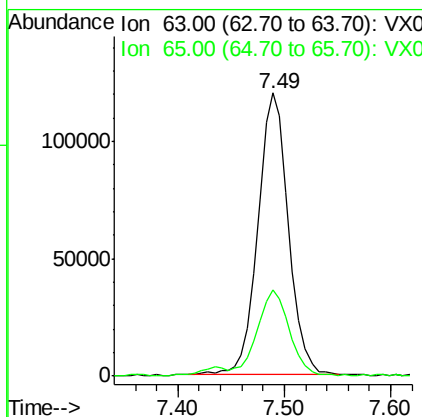
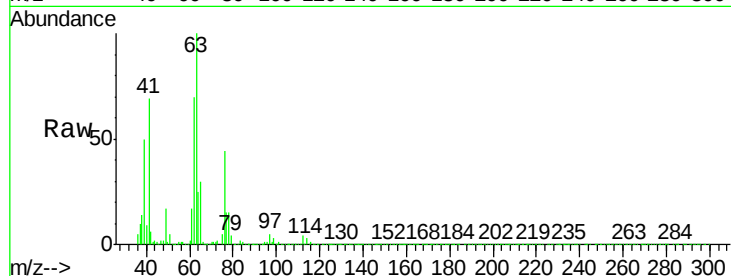
#39
 1,2-Dichloropropane
 Concen: 19.748 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015534.D
 Acq: 07 Apr 2020 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	23.0	34.4

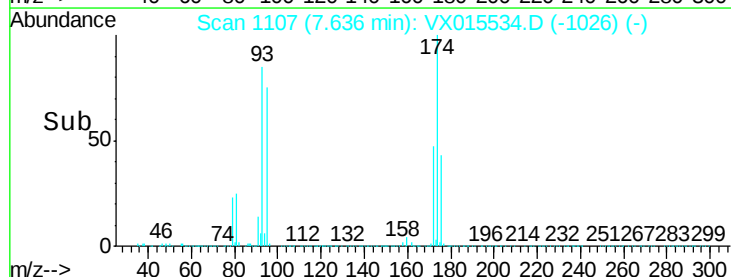
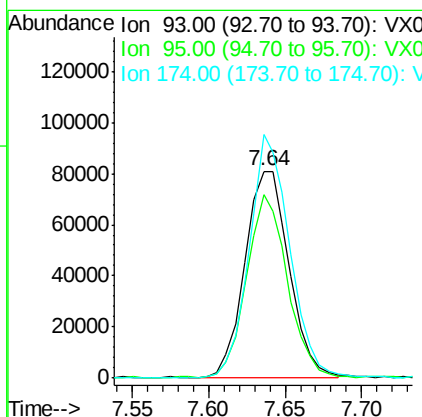
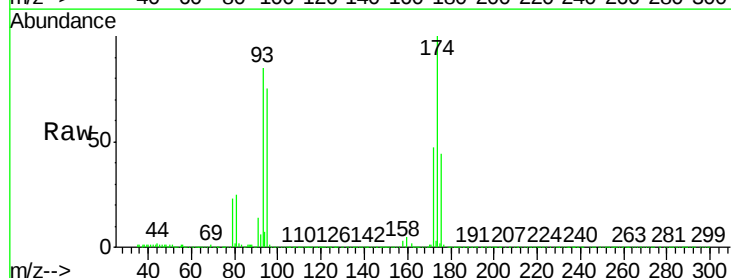
Manual Integrations
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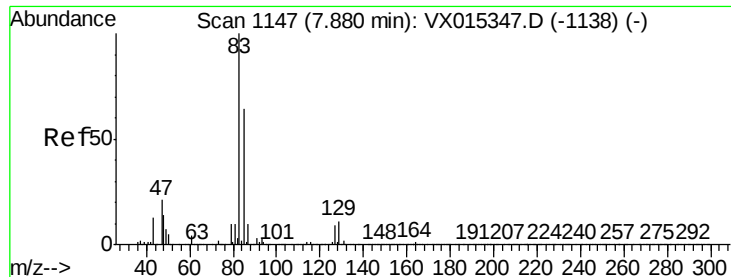
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#40
 Dibromomethane
 Concen: 20.033 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015534.D
 Acq: 07 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.4	0.0	166.4
174	107.9	0.0	225.4





#41

Bromodichloromethane

Concen: 19.788 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Instrument :

MSVOA_X

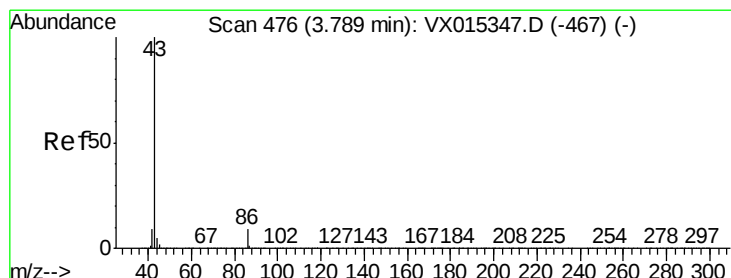
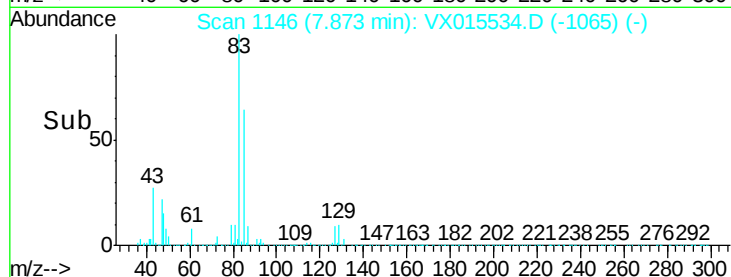
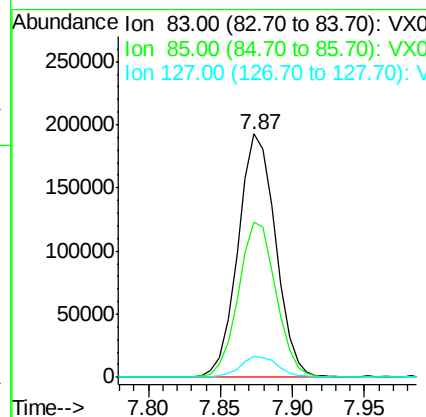
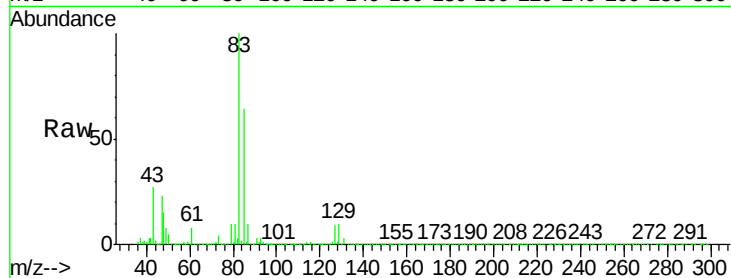
ClientSampleId :

VX0407WBSD01

Tot Ion:	83	Resp:	349006
Ion Ratio	Lower	Upper	
83	100		
85	63.5	51.6	77.4
127	8.7	7.0	10.4

Manual Integrations
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#42

Vinyl Acetate

Concen: 105.620 ug/l

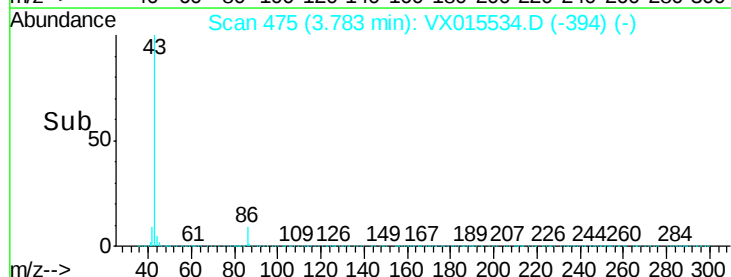
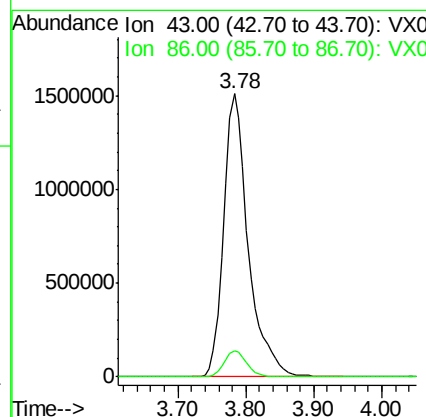
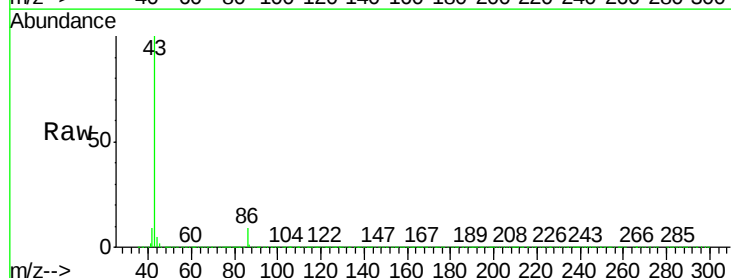
RT: 3.78 min Scan# 475

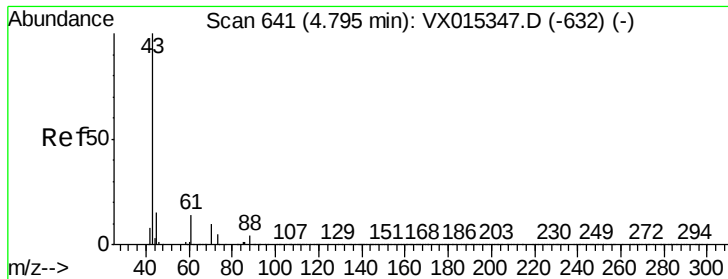
Delta R.T. -0.01 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Tgt Ion:	43	Resp:	3778359
Ion Ratio	Lower	Upper	
43	100		
86	8.5	6.9	10.3





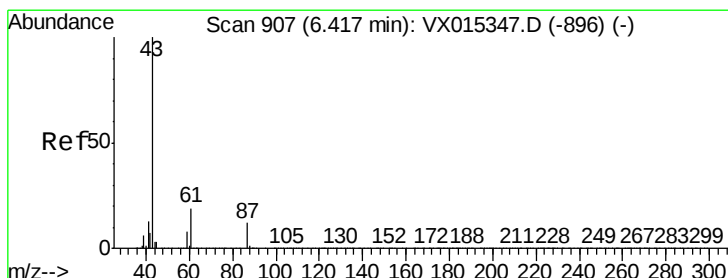
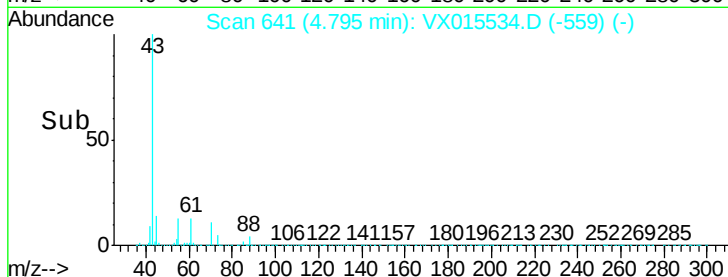
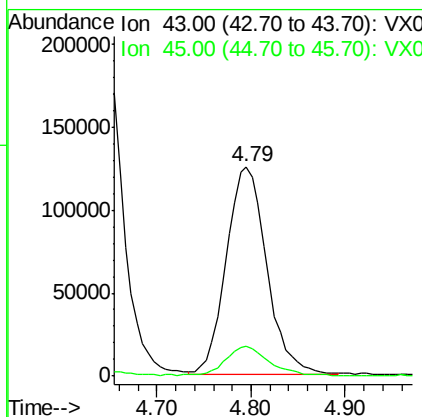
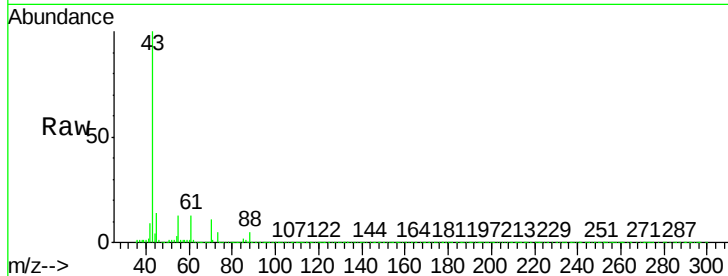
#43
Ethyl Acetate
Concen: 18.245 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
45	14.5	12.2	18.4

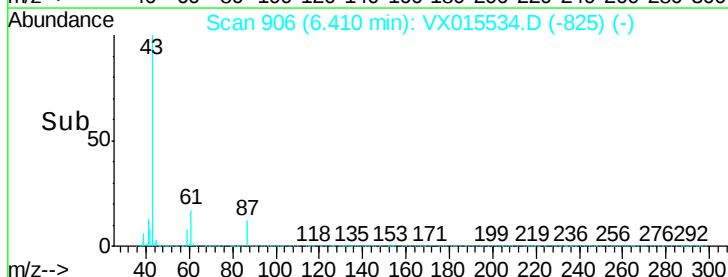
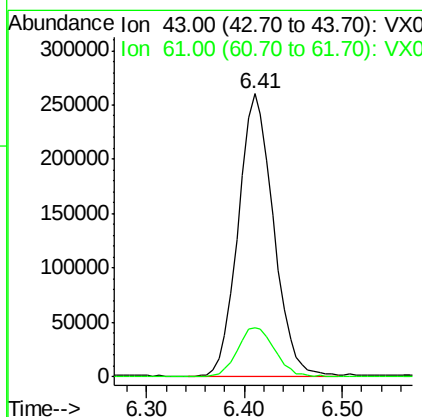
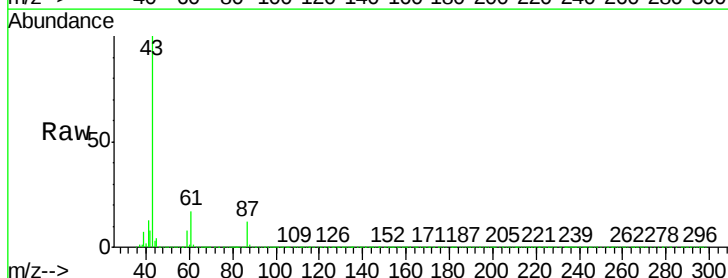
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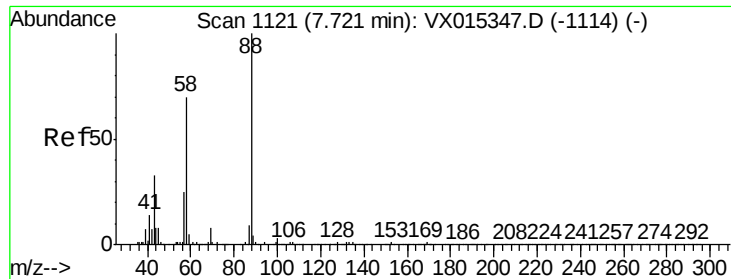
MMDadoda
4/8/2020 11:12:15 AM



#44
Isopropyl Acetate
Concen: 19.607 ug/l
RT: 6.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.6	22.0





#45

1,4-Dioxane

Concen: 356.286 ug/l

RT: 7.71 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Instrument :

MSVOA_X

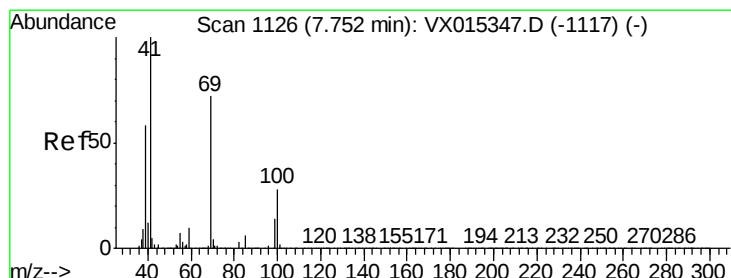
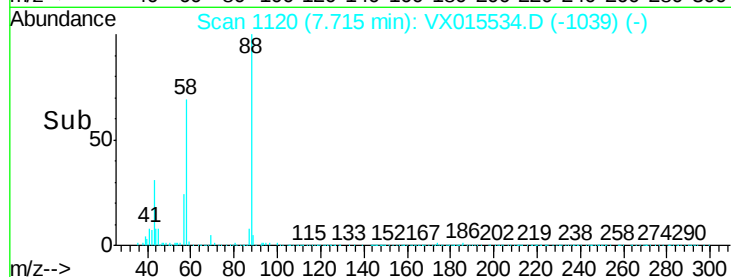
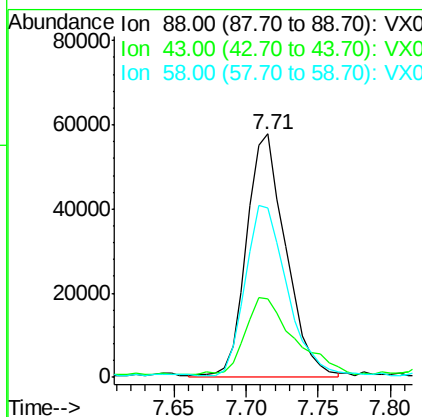
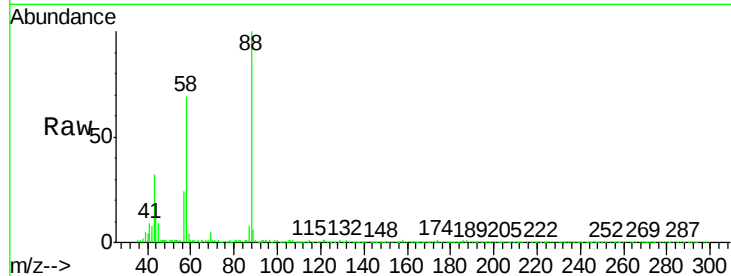
ClientSampleId :

VX0407WBSD01

Tot Ion:	88	Resp:	108480
Ion	Ratio	Lower	Upper
88	100		
43	38.1	32.1	48.1
58	76.0	59.4	89.0

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#46

Methyl methacrylate

Concen: 19.647 ug/l

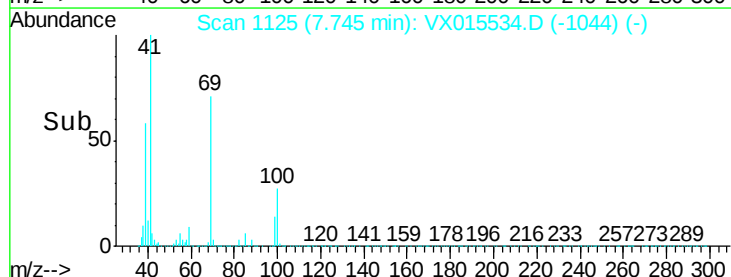
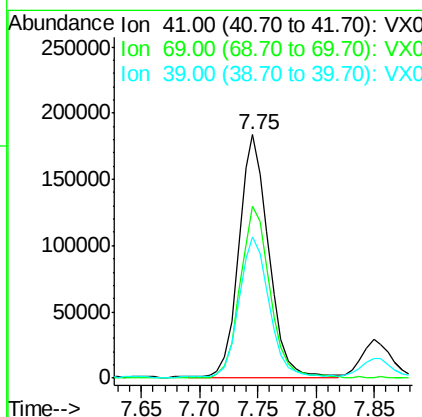
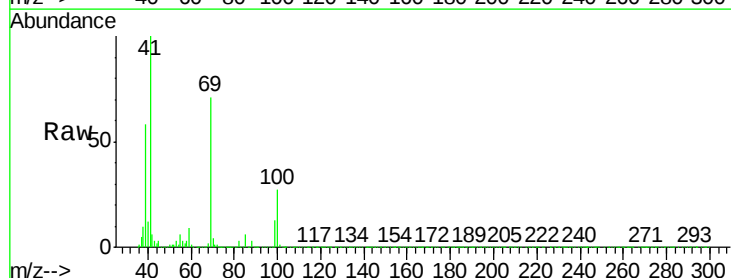
RT: 7.75 min Scan# 1125

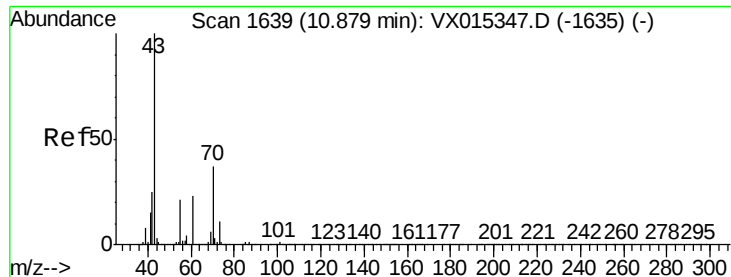
Delta R.T. -0.01 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Tgt Ion:	41	Resp:	324044
Ion	Ratio	Lower	Upper
41	100		
69	70.6	35.8	107.4
39	57.7	28.9	86.8





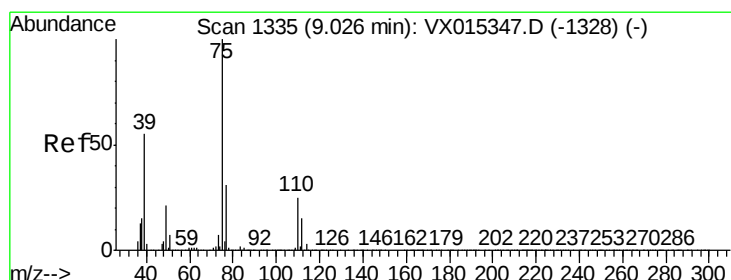
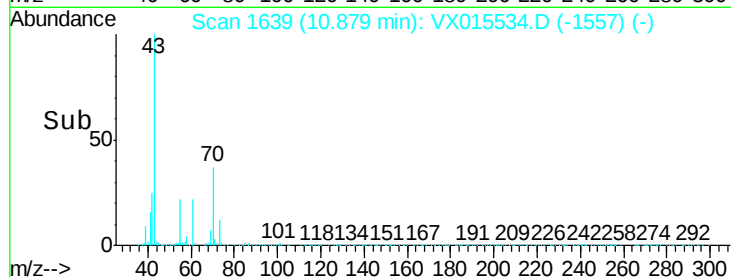
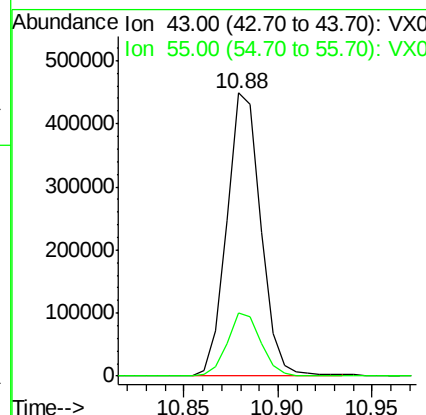
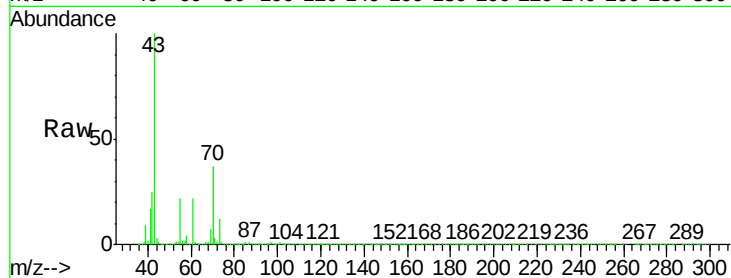
#47
n-amvl Acetate
Concen: 19.634 ug/l
RT: 10.88 min Scan# 1639
Delta R.T. -0.00 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD01

Tot Ion: 43 Resp: 559531
Ion Ratio Lower Upper
43 100
55 21.6 17.0 25.6

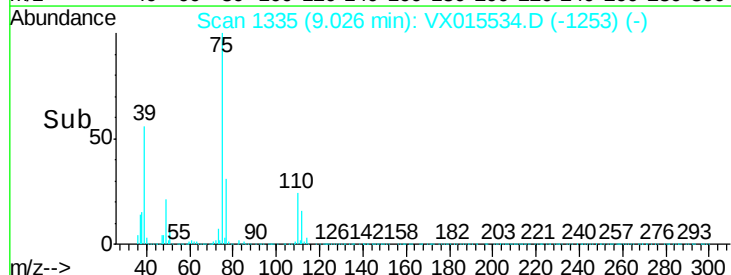
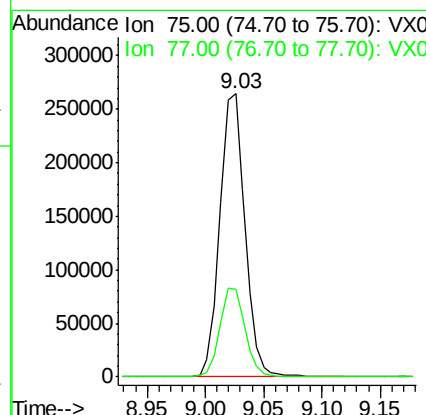
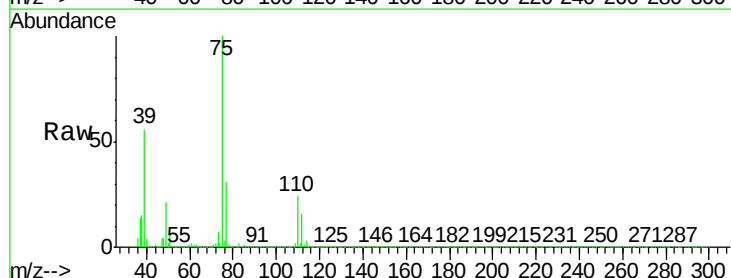
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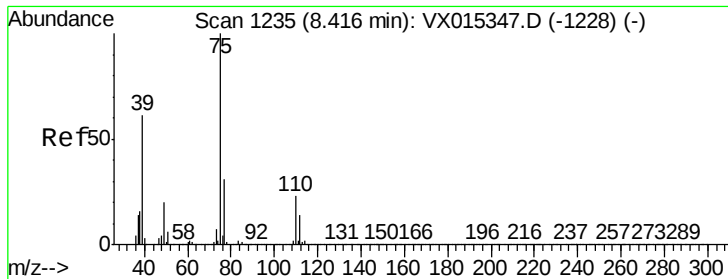
MMDadoda
4/8/2020 11:12:15 AM



#48
t-1,3-Dichloropropene
Concen: 19.235 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

Tgt Ion: 75 Resp: 391623
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 19.540 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Instrument :

MSVOA_X

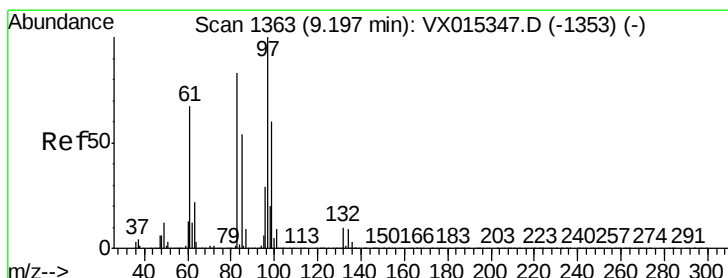
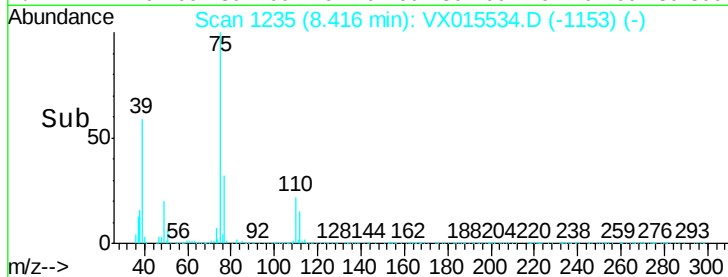
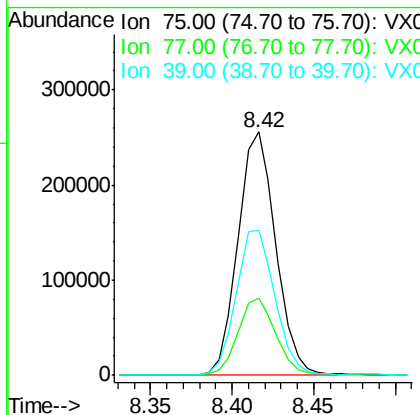
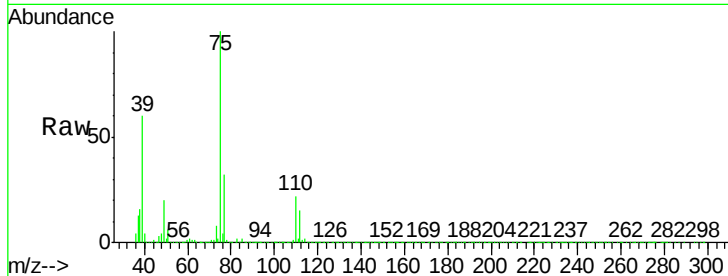
ClientSampleId :

VX0407WBSD01

Tot Ion:	75	Resp:	410634
Ion Ratio	Lower	Upper	
75	100		
77	31.6	24.6	36.8
39	59.4	48.9	73.3

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#50

1,1,2-Trichloroethane

Concen: 19.894 ug/l

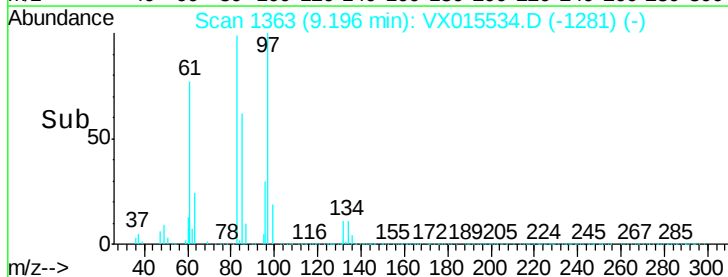
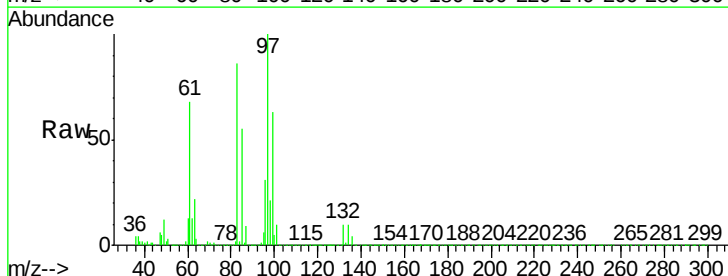
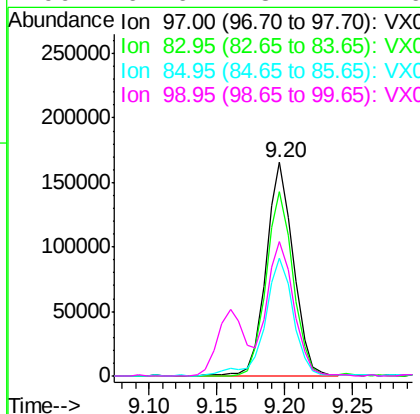
RT: 9.20 min Scan# 1363

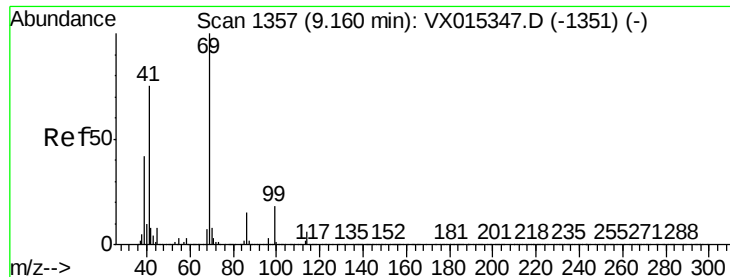
Delta R.T. -0.00 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Tgt Ion:	97	Resp:	231686
Ion Ratio	Lower	Upper	
97	100		
83	86.3	66.8	100.2
85	55.1	43.3	64.9
99	62.6	48.4	72.6





#51

Ethyl methacrylate

Concen: 19.746 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Instrument :

MSVOA_X

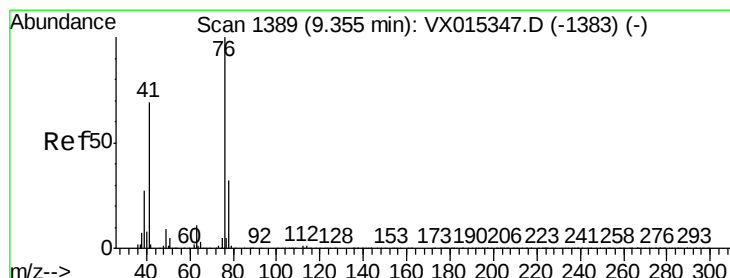
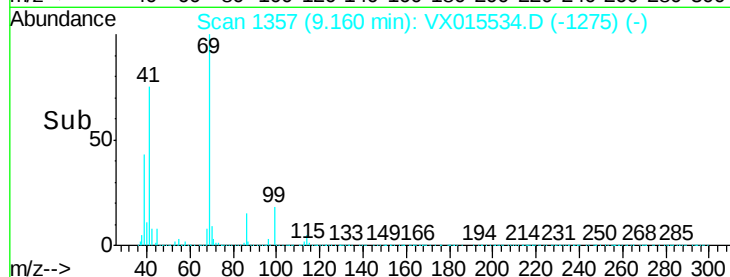
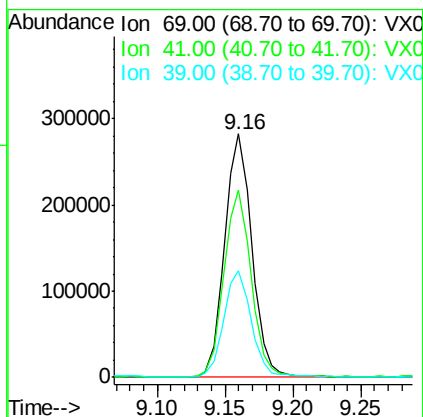
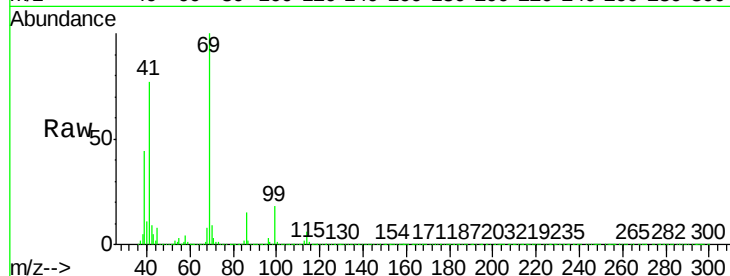
ClientSampleId :

VX0407WBSD01

Tot Ion:	69	Resp:	395508
Ion Ratio	Lower	Upper	
69	100		
41	76.7	37.4	112.2
39	43.6	21.1	63.1

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#52

1,3-Dichloropropane

Concen: 20.315 ug/l

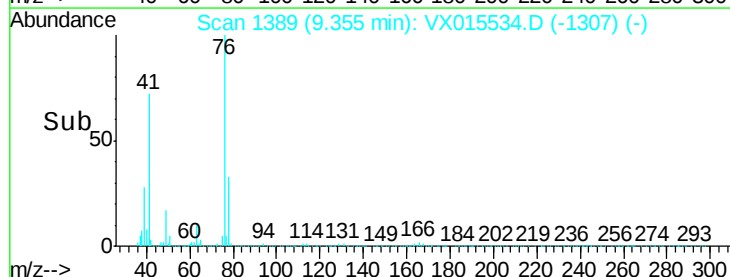
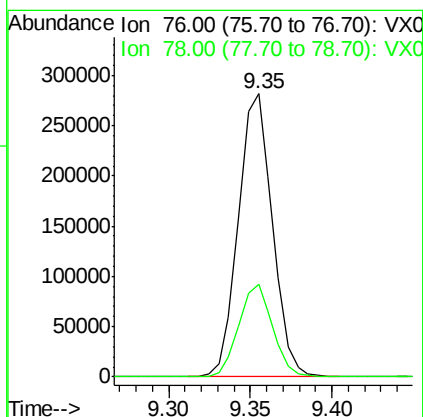
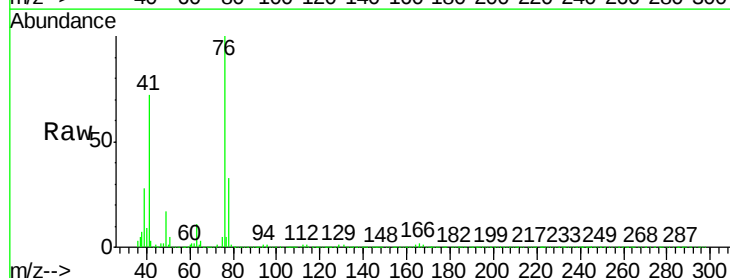
RT: 9.35 min Scan# 1389

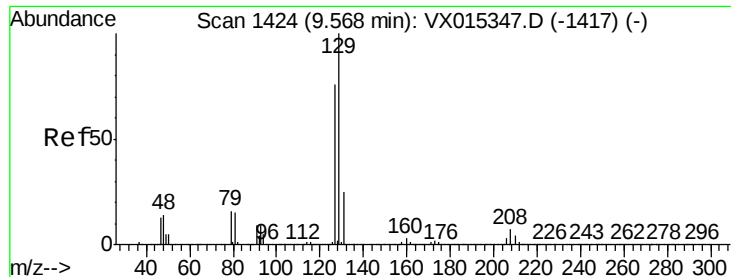
Delta R.T. -0.00 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Tgt Ion:	76	Resp:	408659
Ion Ratio	Lower	Upper	
76	100		
78	32.4	0.0	63.2





#53

Dibromochloromethane

Concen: 18.878 ug/l

RT: 9.56 min Scan# 1423

Delta R.T. -0.01 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBSD01

Tot Ion:129 Resp: 271016

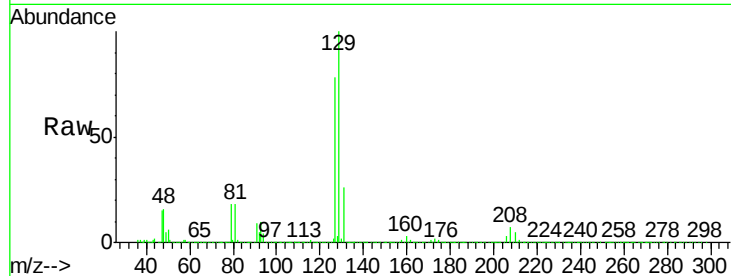
Ion Ratio Lower Upper

129 100

127 77.8 38.6 115.7

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.56

200000

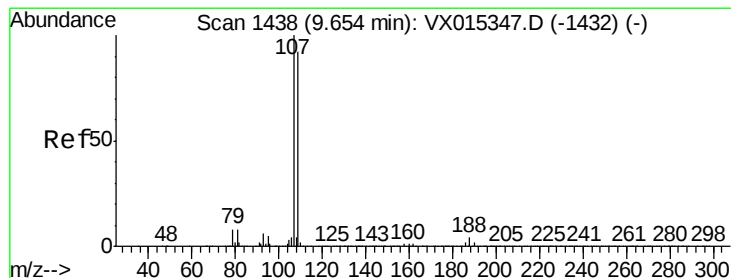
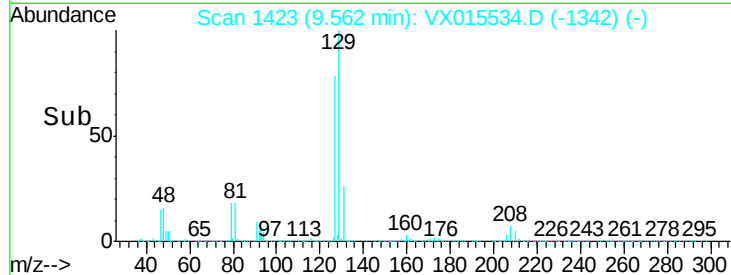
150000

100000

50000

0

Time-->



#54

1,2-Dibromoethane

Concen: 20.125 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015534.D

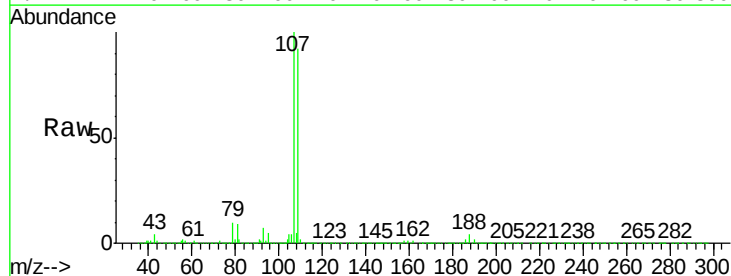
Acq: 07 Apr 2020 13:40

Tgt Ion:107 Resp: 251493

Ion Ratio Lower Upper

107 100

109 92.7 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.65

200000

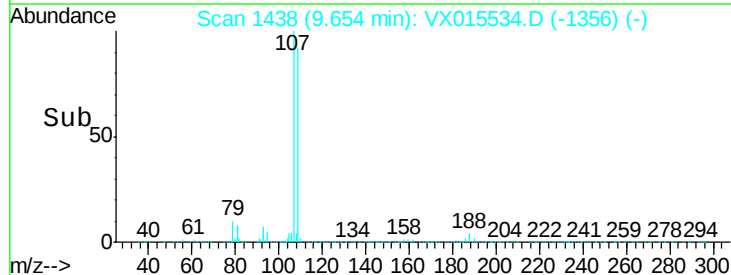
150000

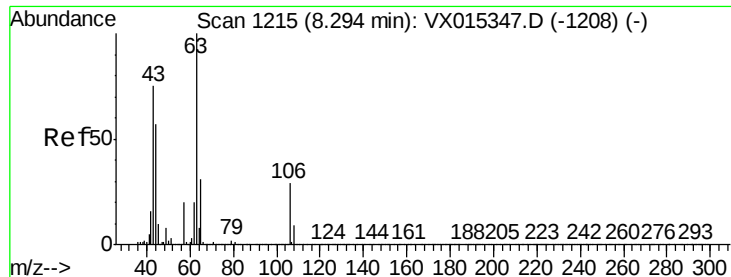
100000

50000

0

Time-->





#55

2-Chloroethyl vinyl ether

Concen: 101.434 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Instrument :

MSVOA_X

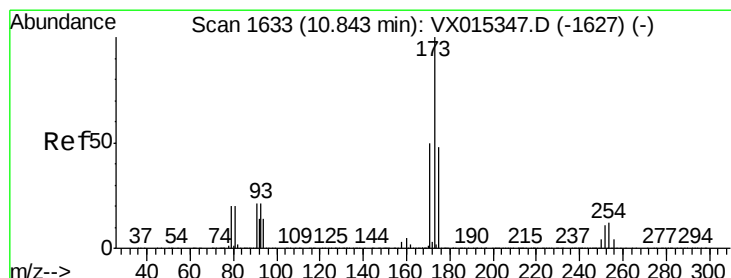
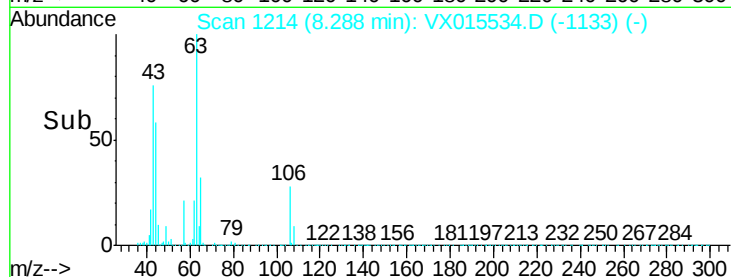
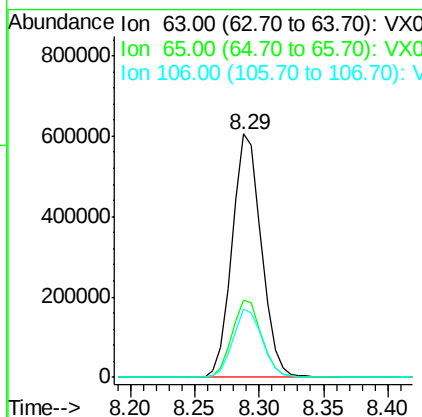
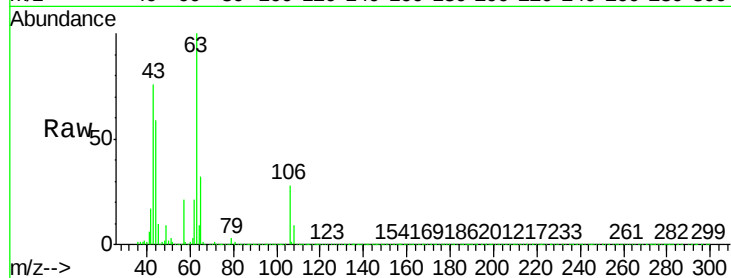
ClientSampleId :

VX0407WBSD01

Tot Ion:	63	Resp:	959580
Ion Ratio	Lower	Upper	
63	100		
65	31.9	25.5	38.3
106	28.1	23.1	34.7

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#56

Bromoform

Concen: 17.846 ug/l

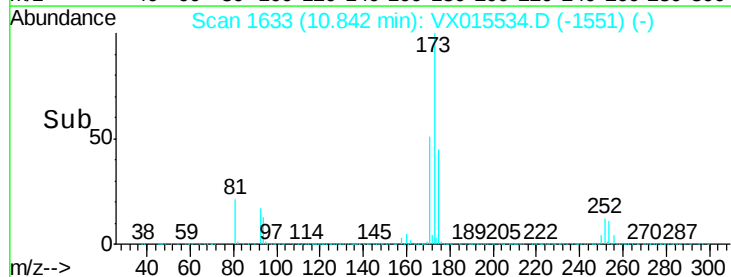
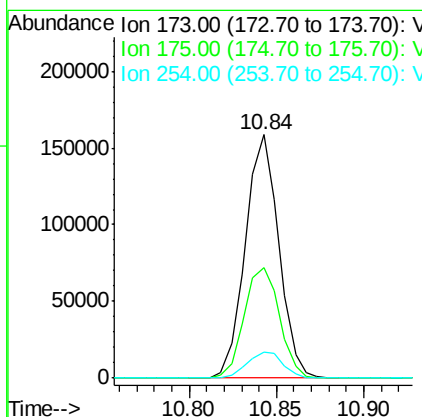
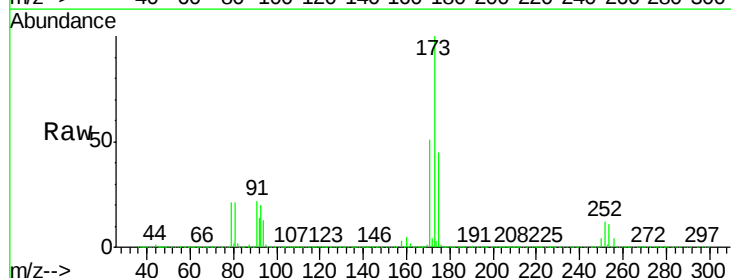
RT: 10.84 min Scan# 1633

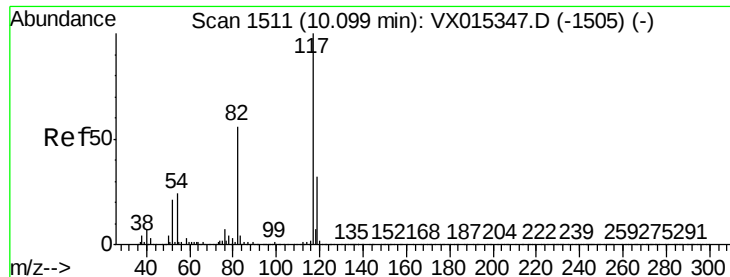
Delta R.T. -0.00 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Tgt Ion:	173	Resp:	210660
Ion Ratio	Lower	Upper	
173	100		
175	47.7	39.0	58.4
254	11.3	9.4	14.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Instrument :

MSVOA_X

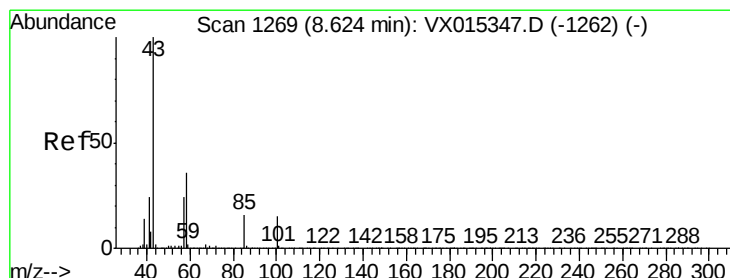
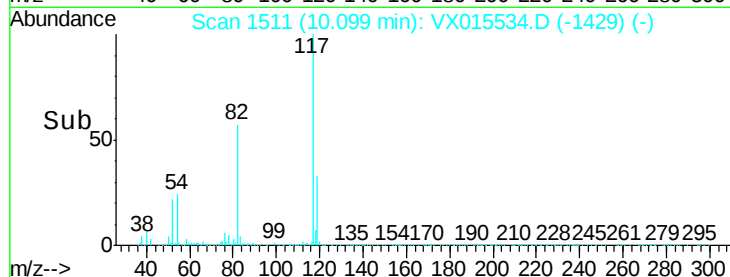
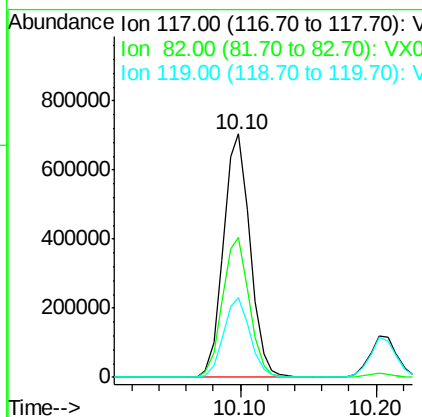
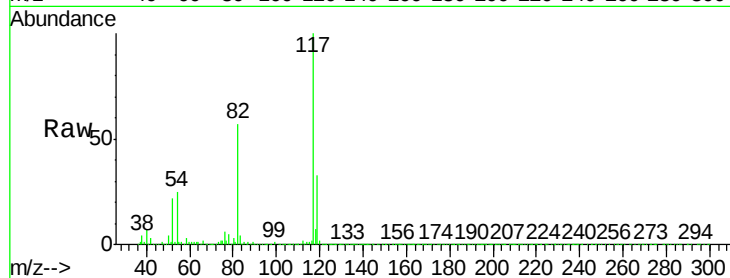
ClientSampleId :

VX0407WBSD01

Tot Ion:	117	Resp:	957309
Ion Ratio	Lower	Upper	
117	100		
82	57.4	45.0	67.6
119	32.4	25.5	38.3

Manual Integrations
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#58

4-Methyl-2-Pentanone

Concen: 101.401 ug/l

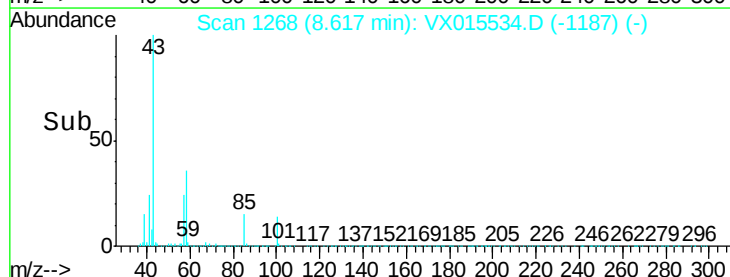
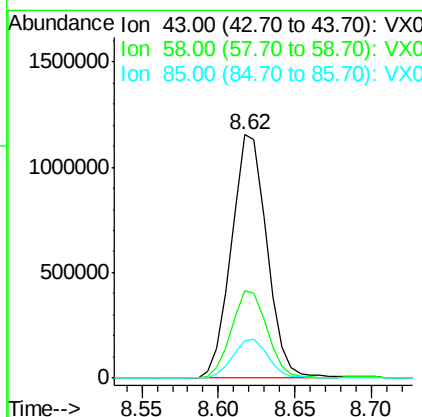
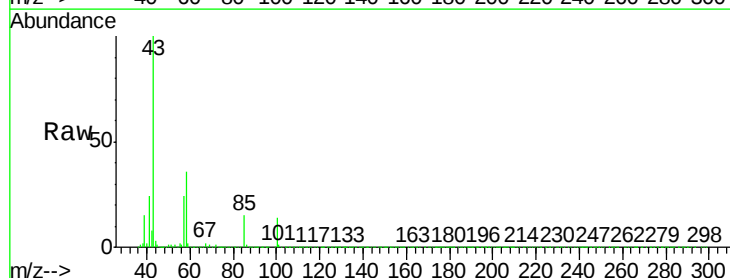
RT: 8.62 min Scan# 1268

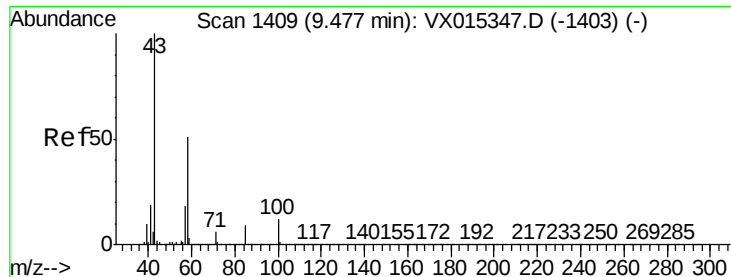
Delta R.T. -0.01 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Tgt Ion:	43	Resp:	1857828
Ion Ratio	Lower	Upper	
43	100		
58	36.4	29.4	44.0
85	16.0	13.0	19.4





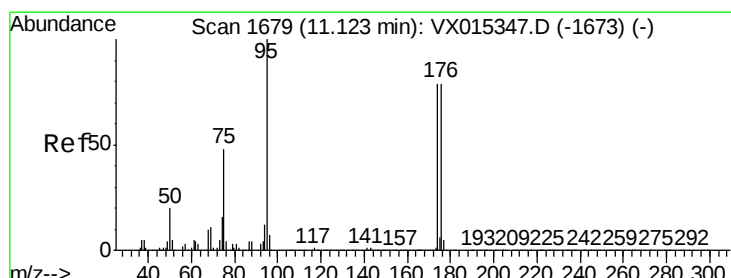
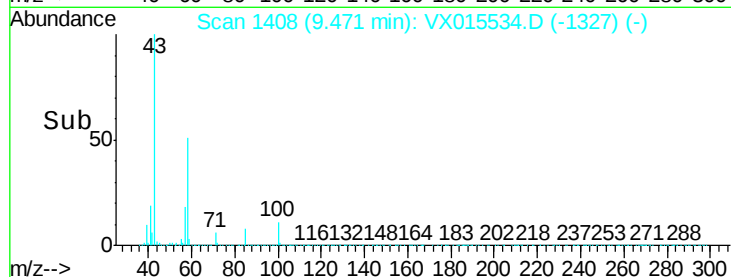
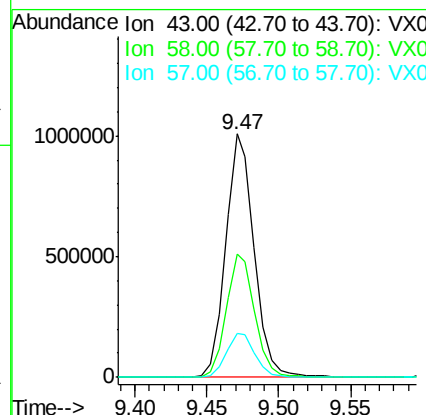
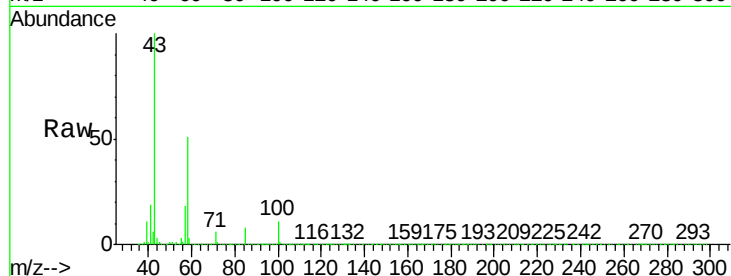
#59
2-Hexanone
Concen: 99.610 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD01

Tot Ion: 43 Resp: 1388405
Ion Ratio Lower Upper
43 100
58 51.0 40.2 60.4
57 18.7 14.6 22.0

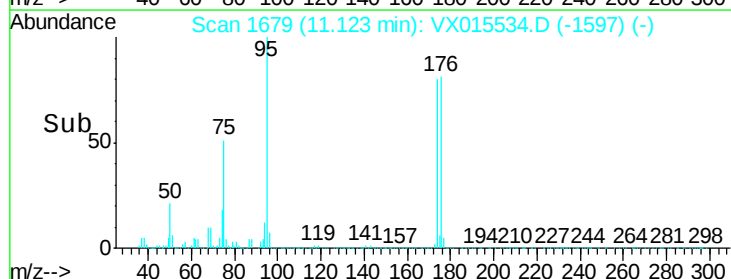
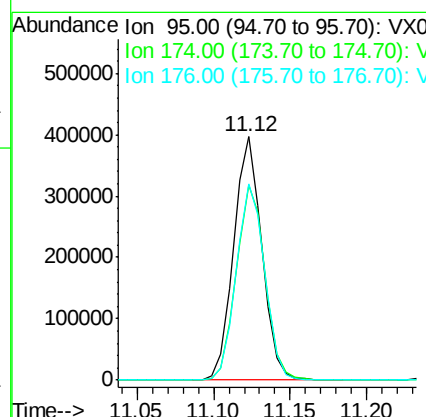
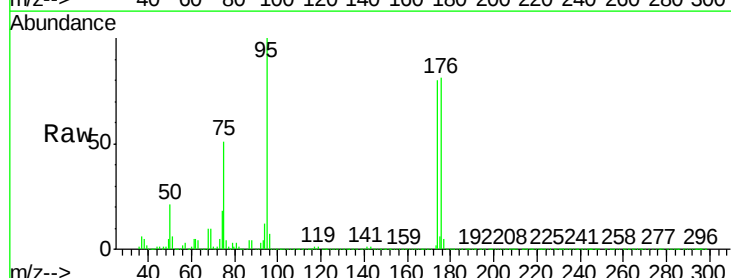
Manual Integrations
APPROVED

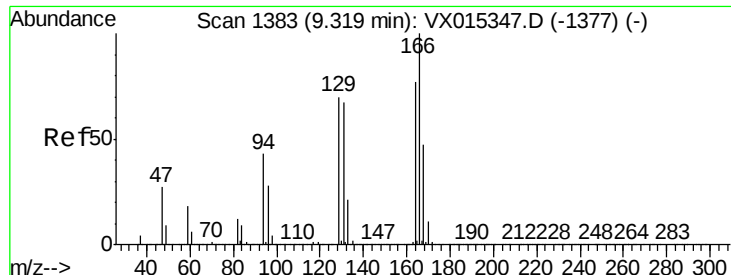
MMDadoda
4/8/2020 11:12:15 AM



#60
4-Bromofluorobenzene
Concen: 30.805 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

Tgt Ion: 95 Resp: 504687
Ion Ratio Lower Upper
95 100
174 81.3 66.4 99.6
176 81.2 64.1 96.1





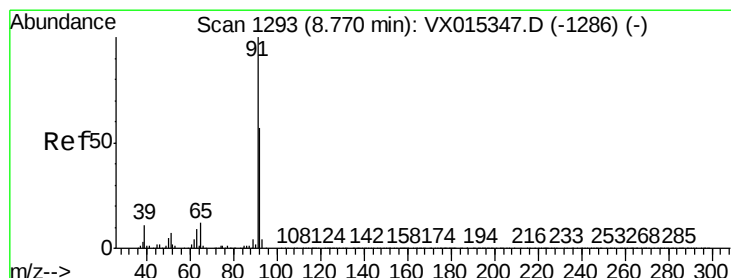
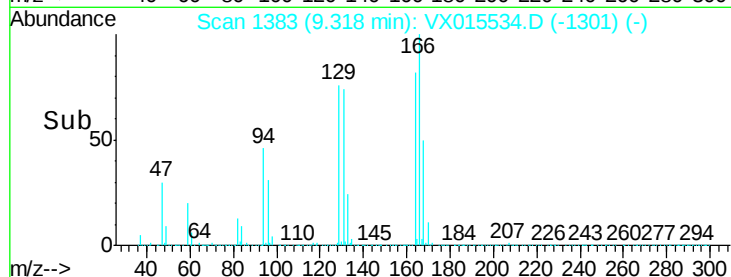
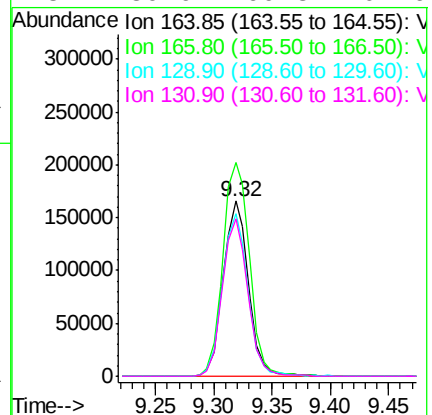
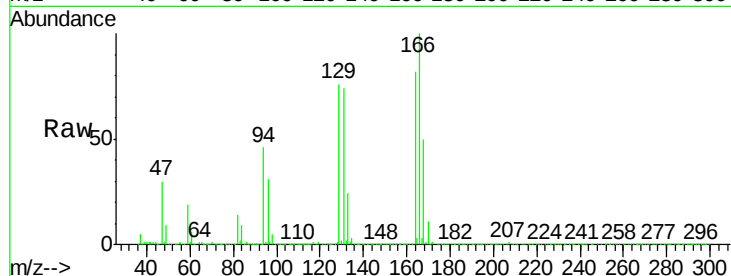
#61
Tetrachloroethene
Concen: 20.137 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD01

Tot Ion	Ratio	Lower	Upper
164	100		
166	122.0	103.6	155.4
129	92.8	72.6	108.8
131	89.9	69.8	104.6

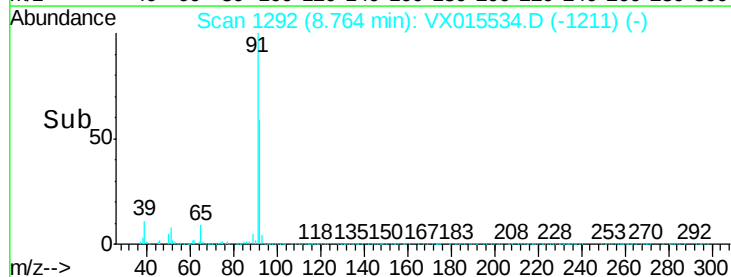
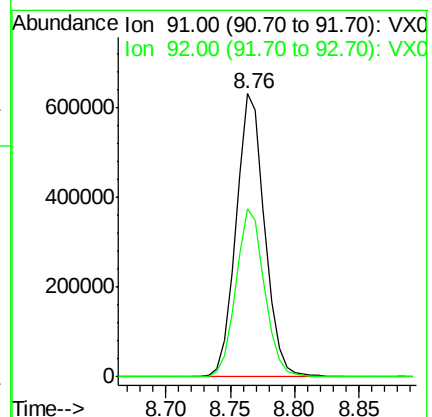
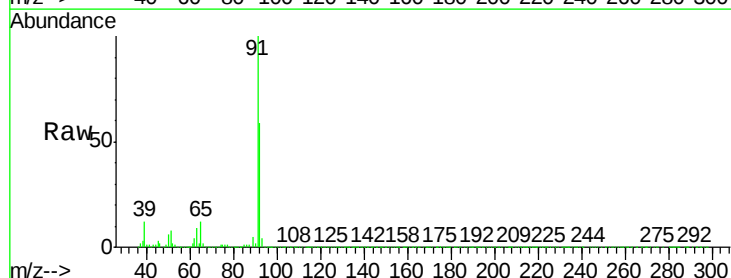
Manual Integrations
APPROVED

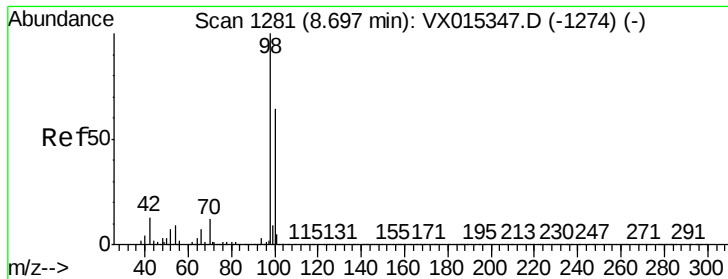
MMDadoda
4/8/2020 11:12:15 AM



#62
Toluene
Concen: 20.089 ug/l
RT: 8.76 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.4	46.7	70.1





#63

Toluene-d8

Concen: 29.866 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBSD01

Tot Ion: 98 Resp: 1214715

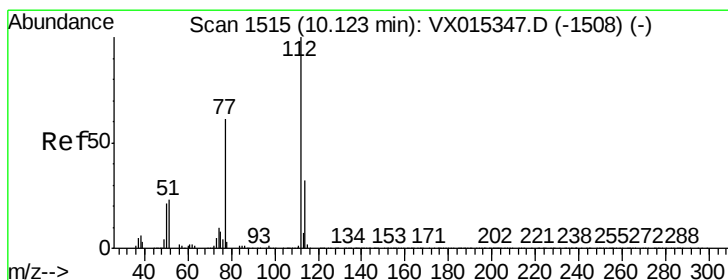
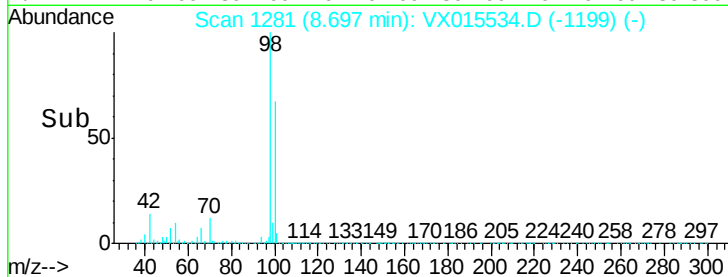
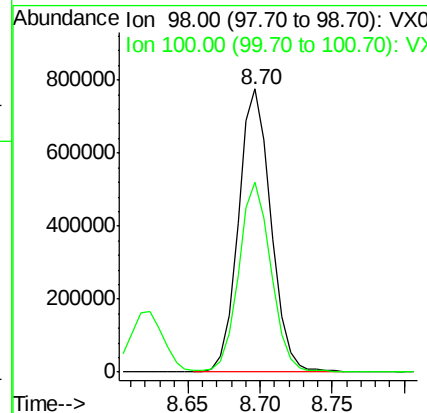
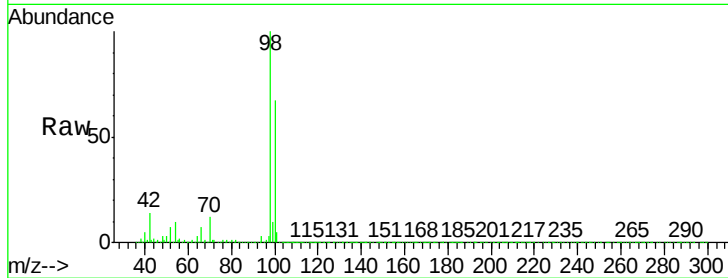
Ion Ratio Lower Upper

98 100

100 66.7 52.2 78.2

Manual Integrations
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#64

Chlorobenzene

Concen: 20.170 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015534.D

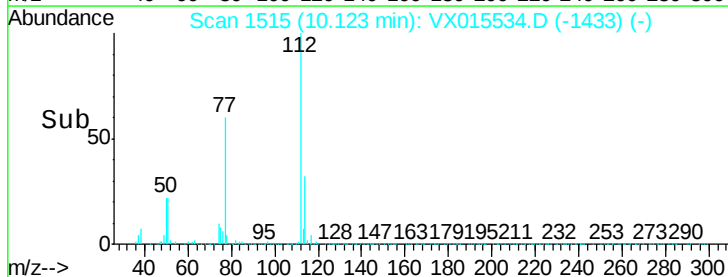
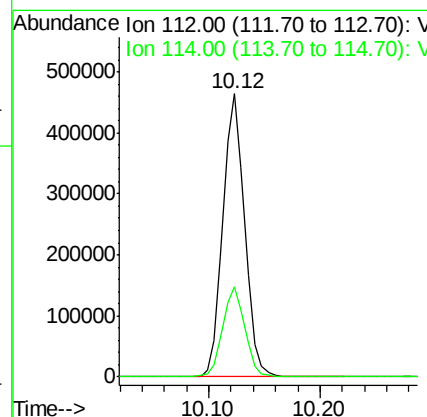
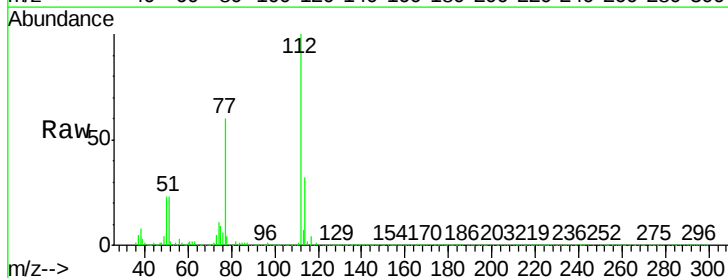
Acq: 07 Apr 2020 13:40

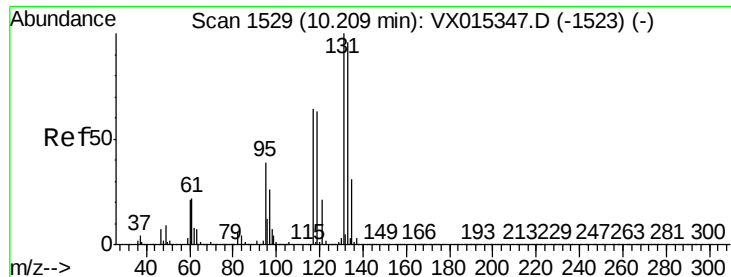
Tgt Ion: 112 Resp: 628815

Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 19.413 ug/l

RT: 10.20 min Scan# 1528

Delta R.T. -0.01 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Instrument :

MSVOA_X

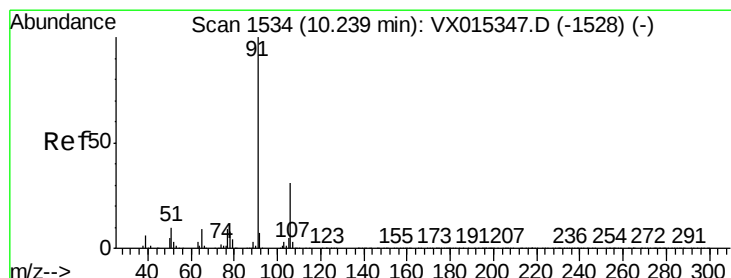
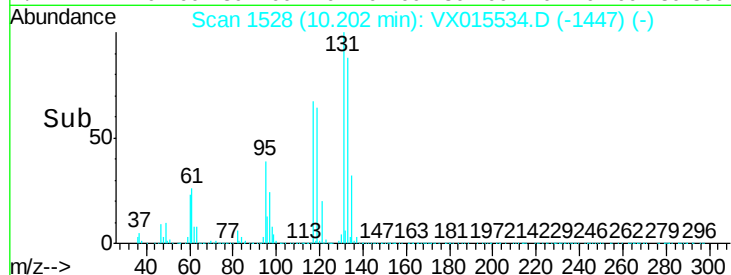
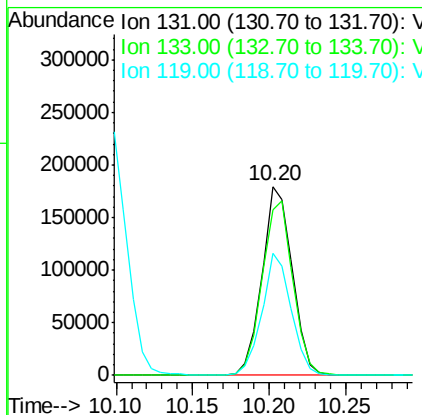
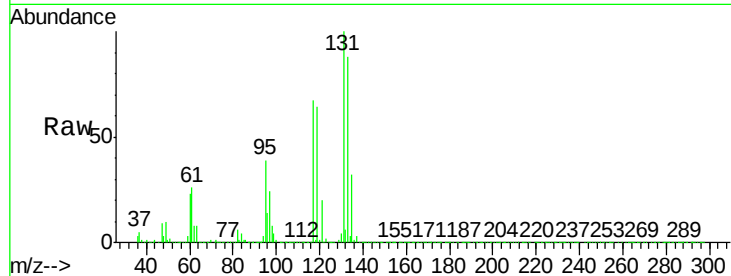
ClientSampleId :

VX0407WBSD01

Tot Ion:	131	Resp:	247304
Ion Ratio		Lower	Upper
131	100		
133	94.2	0.0	193.6
119	62.3	0.0	128.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 20.316 ug/l

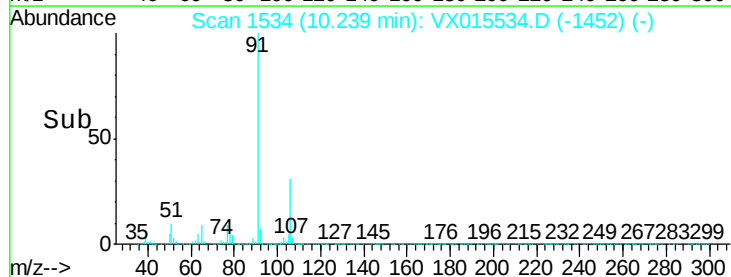
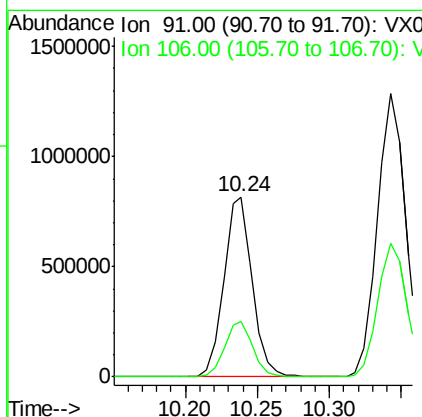
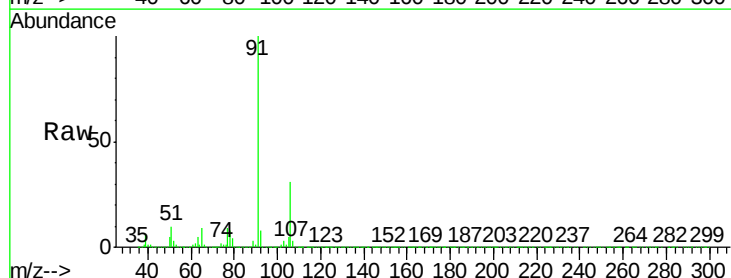
RT: 10.24 min Scan# 1534

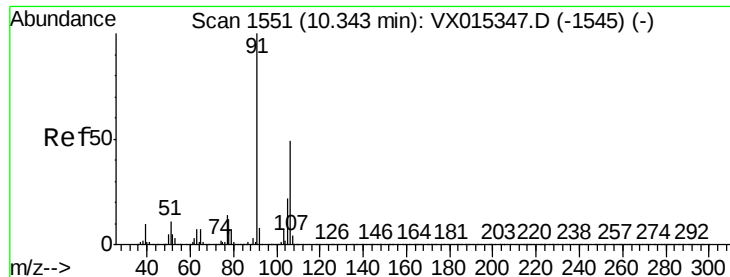
Delta R.T. -0.00 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Tgt Ion:	91	Resp:	1125375
Ion Ratio		Lower	Upper
91	100		
106	30.5	25.0	37.6





#67

m/p-Xvlenes

Concen: 40.054 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBSD01

Tot Ion:106 Resp: 839753

Ion Ratio Lower Upper

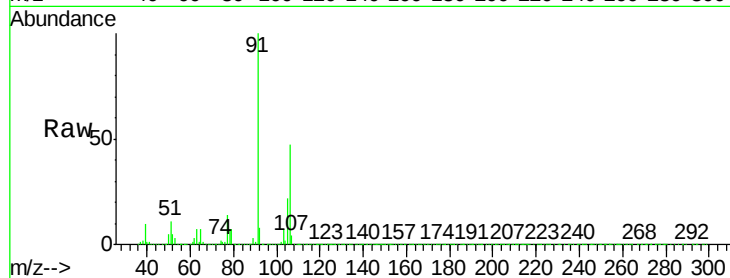
106 100

91 208.1 165.0 247.4

Manual Integrations
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MMDadoda

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Abundance Ion 106.00 (105.70 to 106.70): V

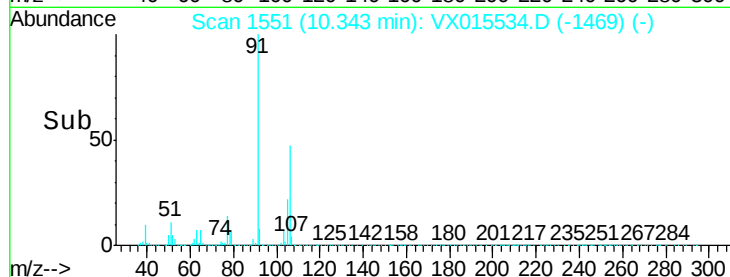
1500000 Ion 91.00 (90.70 to 91.70): VX0

1000000

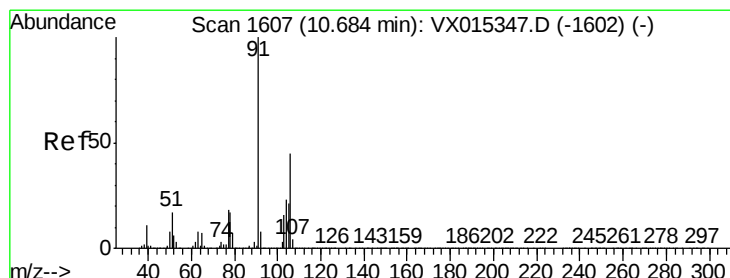
500000

0

10.30 10.34 10.40



Time-->



#68

o-Xylene

Concen: 20.199 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX015534.D

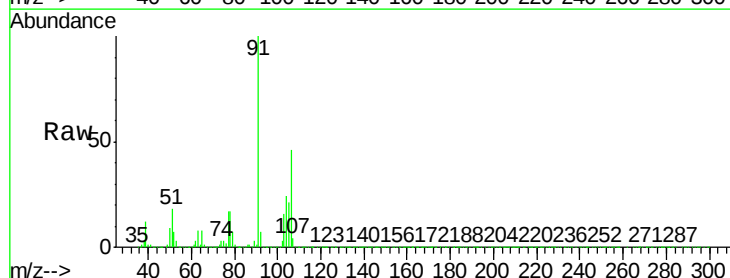
Acq: 07 Apr 2020 13:40

Tgt Ion:106 Resp: 413937

Ion Ratio Lower Upper

106 100

91 216.9 109.1 327.2



Abundance Ion 106.00 (105.70 to 106.70): V

800000 Ion 91.00 (90.70 to 91.70): VX0

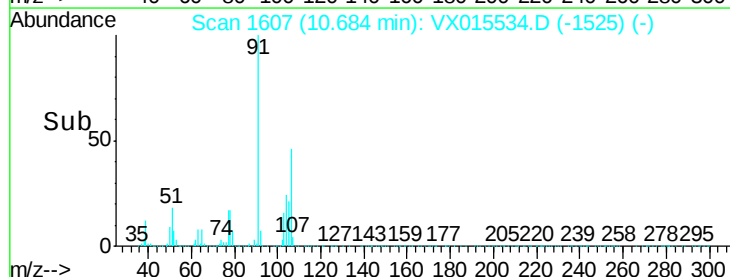
600000

400000

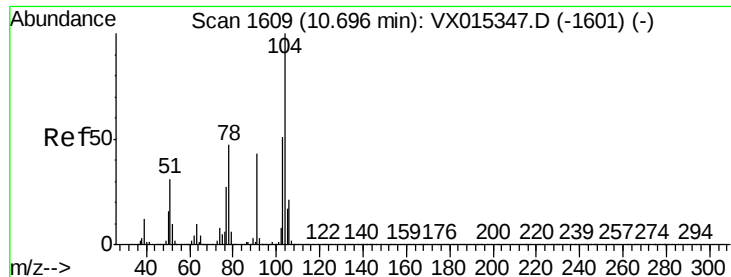
200000

0

10.65 10.68 10.75



Time-->



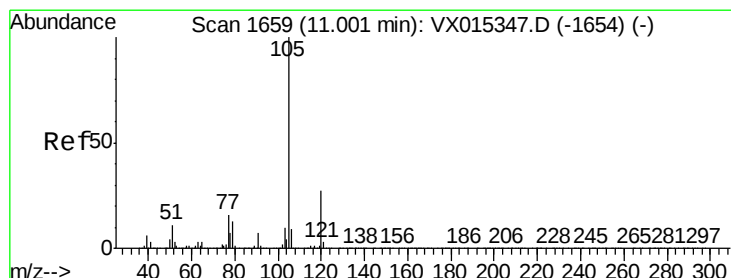
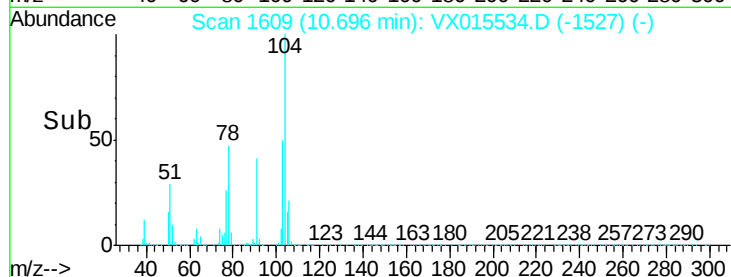
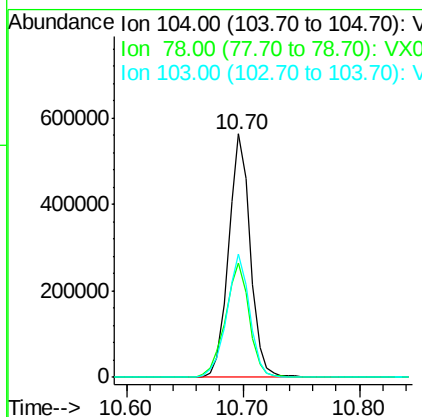
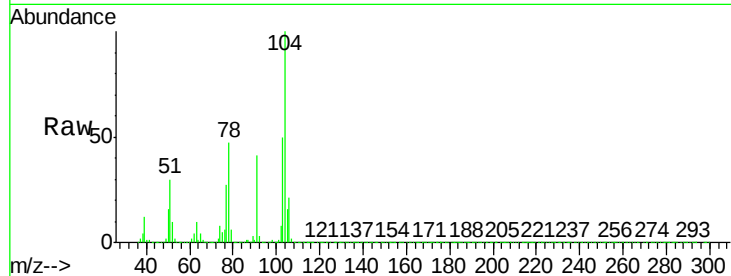
#69
Stvrene
Concen: 20.333 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD01

Tot Ion:	104	Resp:	725948
Ion Ratio	Lower	Upper	
104	100		
78	51.7	41.5	62.3
103	53.5	43.4	65.2

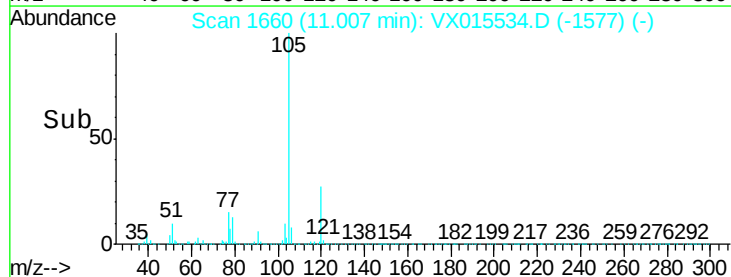
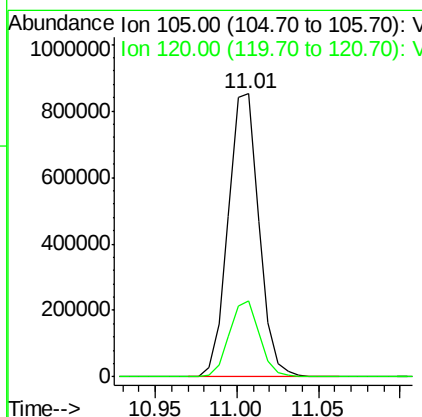
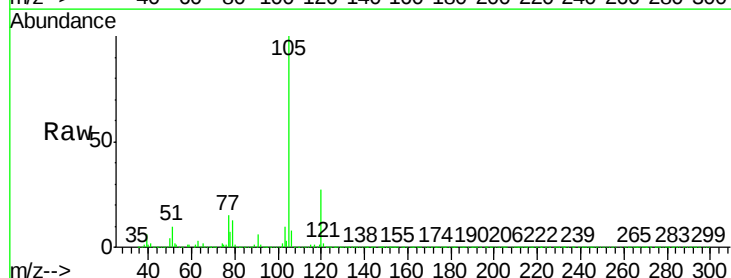
Manual Integrations
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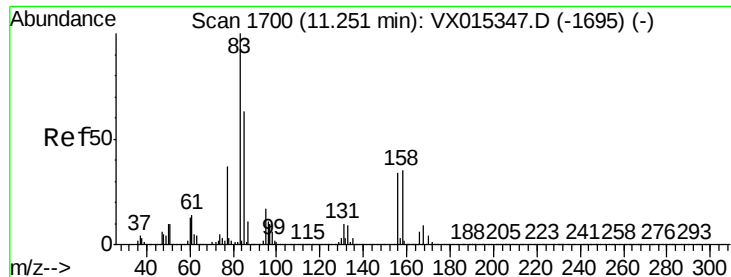
MMDadoda
4/8/2020 11:12:15 AM



#70
Isopropylbenzene
Concen: 20.608 ug/l
RT: 11.01 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

Tgt Ion:	105	Resp:	1119562
Ion Ratio	Lower	Upper	
105	100		
120	26.5	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 19.921 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Instrument :

MSVOA_X

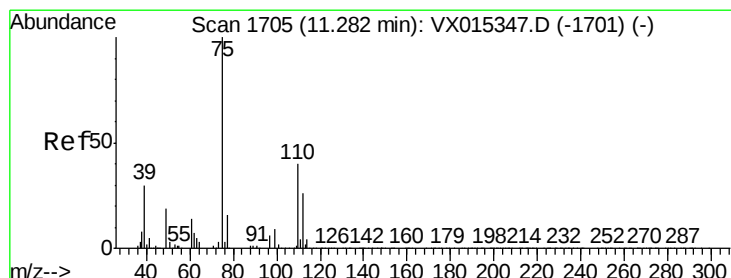
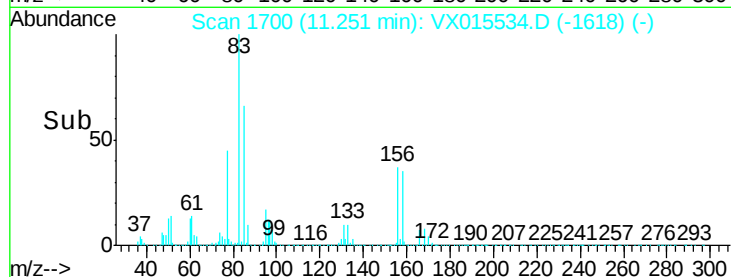
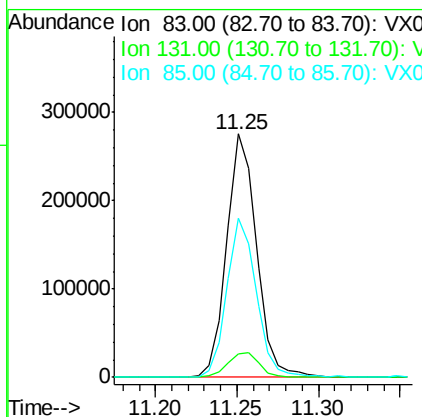
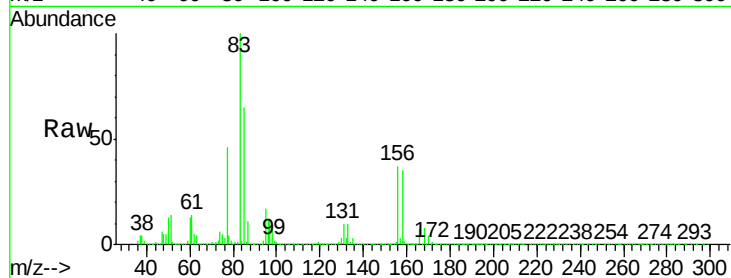
ClientSampled :

VX0407WBSD01

Tot Ion:	83	Resp:	350769
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	15.9
85	65.0	32.0	96.2

Manual Integrations
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4/8/2020 11:12:15 AM



#72

1,2,3-Trichloropropane

Concen: 20.241 ug/l m

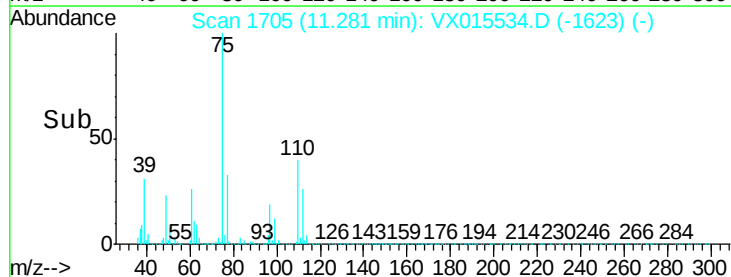
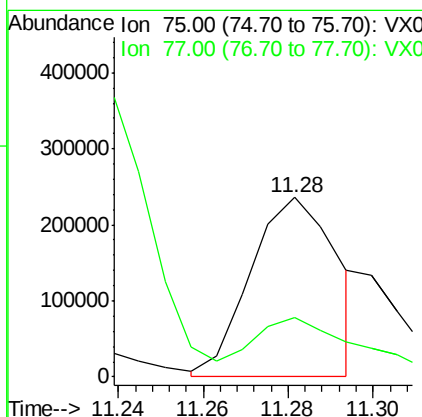
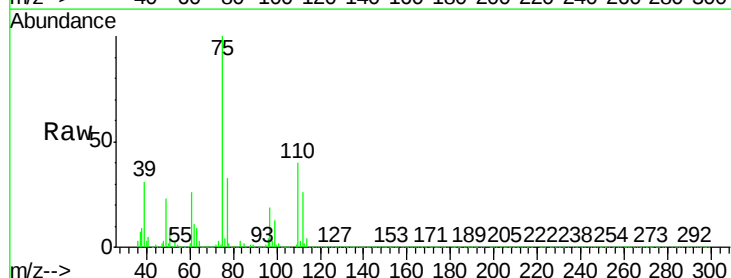
RT: 11.28 min Scan# 1705

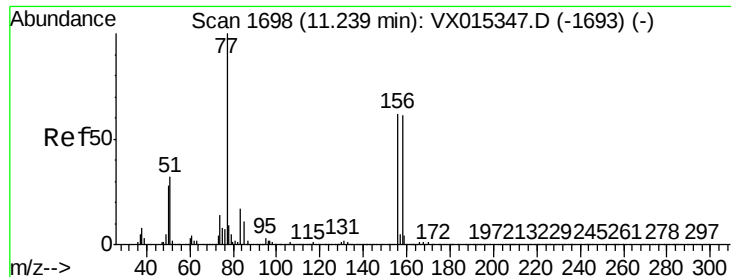
Delta R.T. -0.00 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Tgt Ion:	75	Resp:	333491
Ion Ratio	Lower	Upper	
75	100		
77	40.7	0.0	80.0





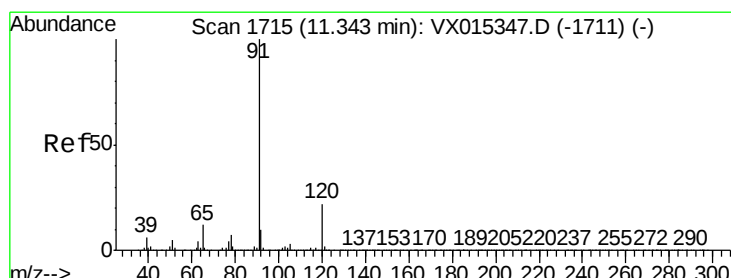
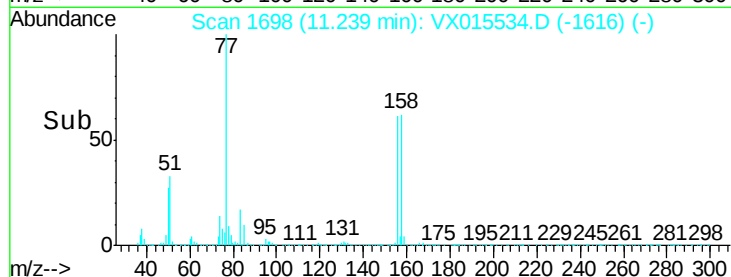
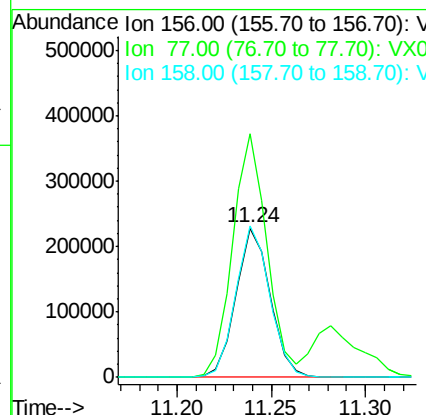
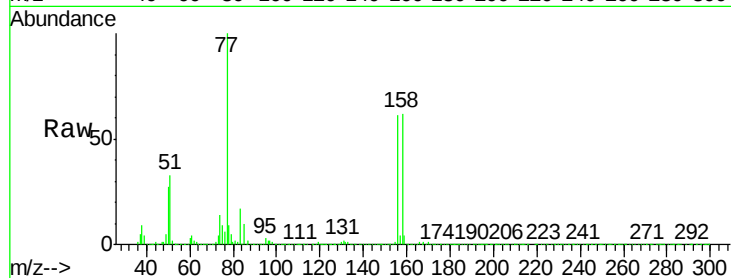
#73
Bromobenzene
Concen: 19.789 ug/l
RT: 11.24 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	162.6	0.0	324.4
158	100.6	0.0	200.0

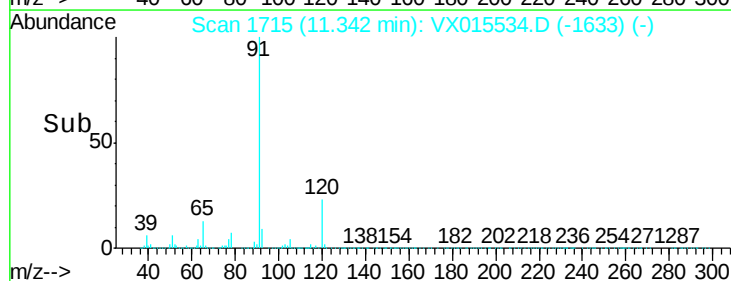
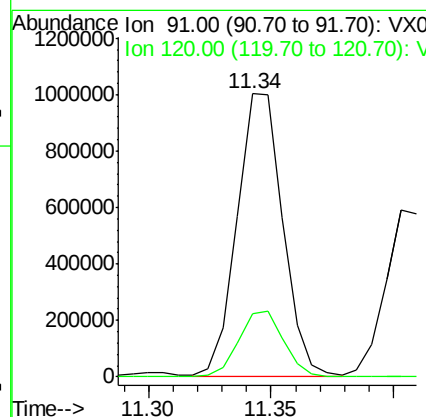
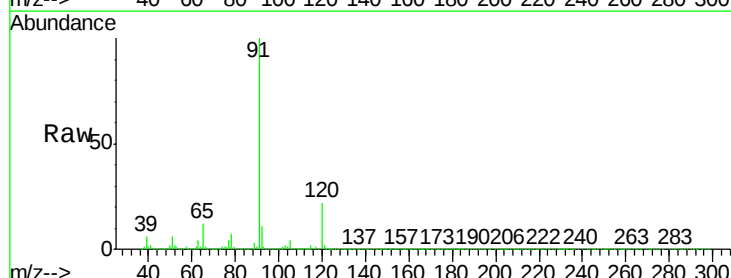
Manual Integrations
APPROVED

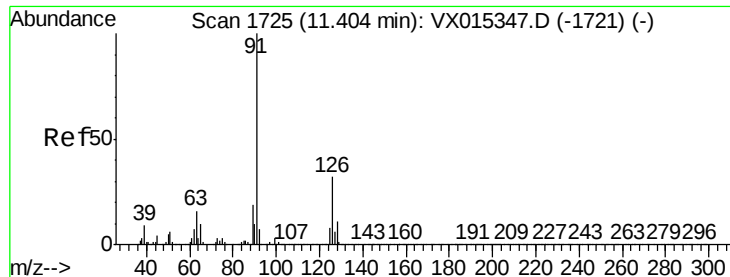
MMDadoda
4/8/2020 11:12:15 AM



#74
n-propylbenzene
Concen: 21.023 ug/l
RT: 11.34 min Scan# 1715
Delta R.T. -0.00 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	0.0	46.2





#75

2-Chlorotoluene

Concen: 20.379 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.00 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBSD01

Tot Ion: 91 Resp: 772356

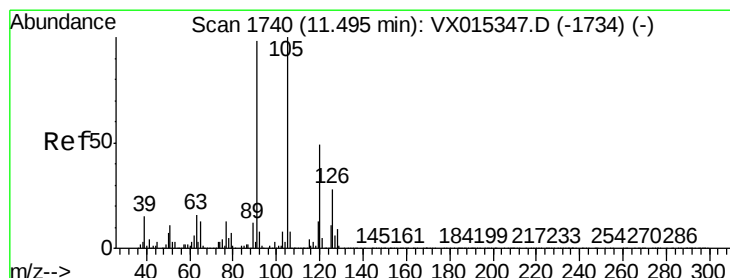
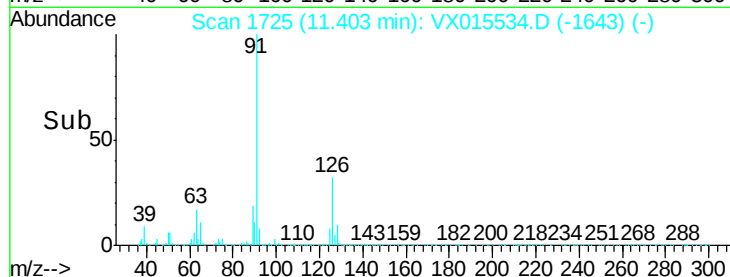
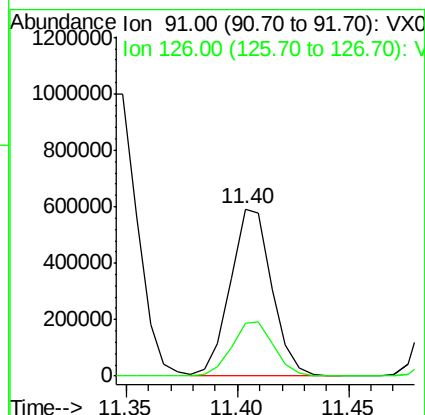
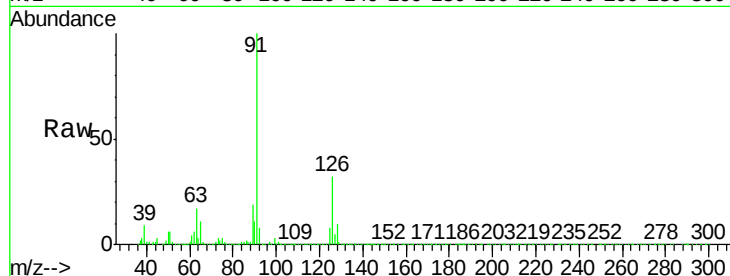
Ion Ratio Lower Upper

91 100

126 32.9 0.0 65.2

Manual Integrations
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4/8/2020 11:12:15 AM



#76

1,3,5-Trimethylbenzene

Concen: 19.939 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015534.D

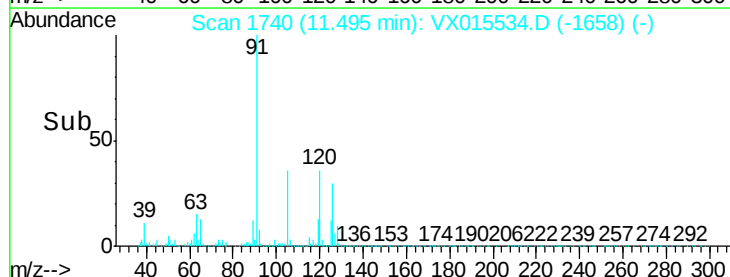
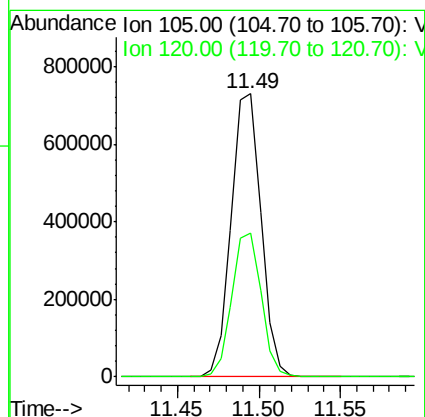
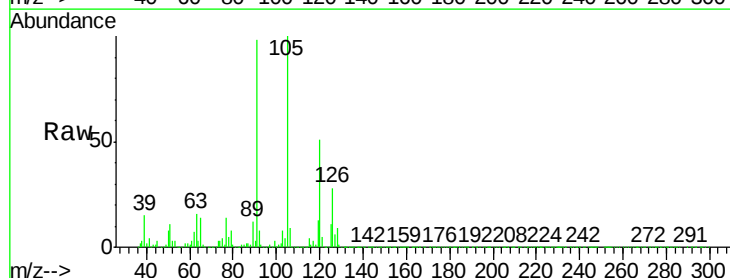
Acq: 07 Apr 2020 13:40

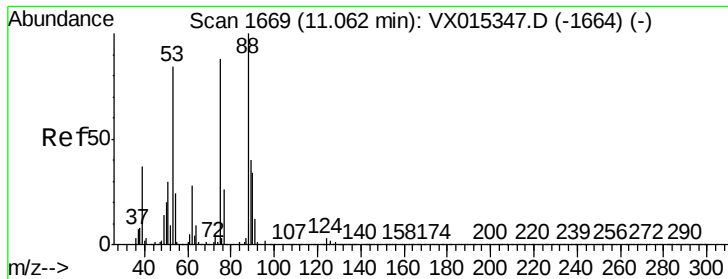
Tgt Ion: 105 Resp: 930217

Ion Ratio Lower Upper

105 100

120 50.2 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 17.459 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. -0.00 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Instrument :

MSVOA_X

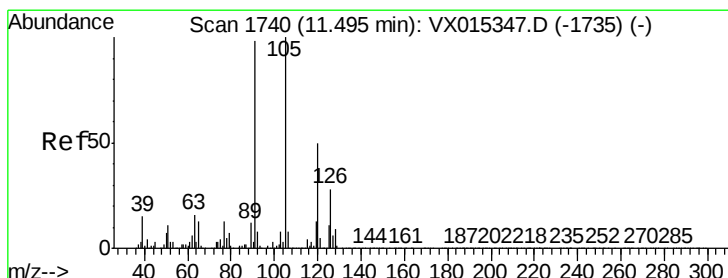
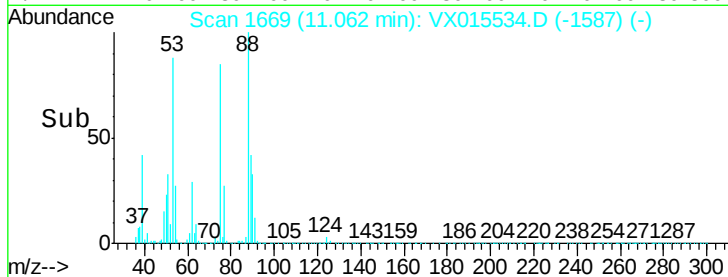
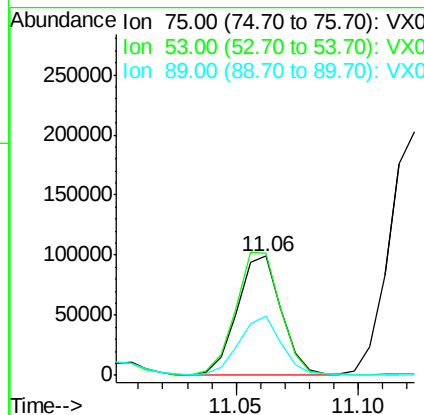
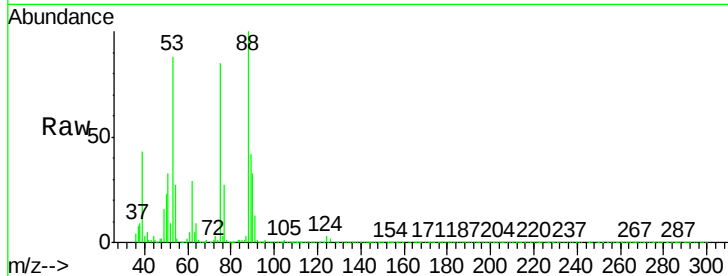
ClientSampleId :

VX0407WBSD01

Tot Ion:	75	Resp:	123959
Ion	Ratio	Lower	Upper
75	100		
53	102.4	47.5	142.6
89	49.2	22.8	68.3

Manual Integrations
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#78

4-Chlorotoluene

Concen: 20.782 ug/l

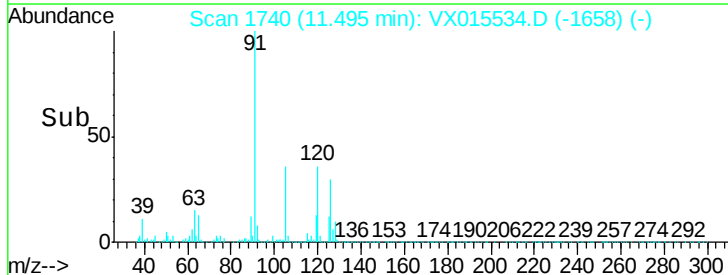
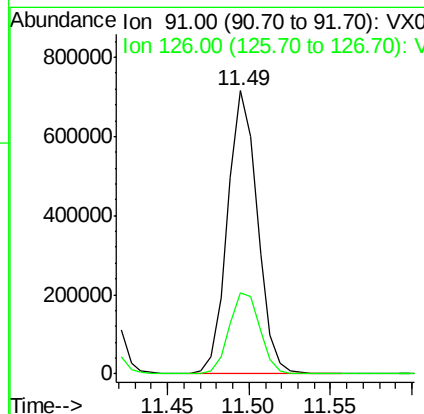
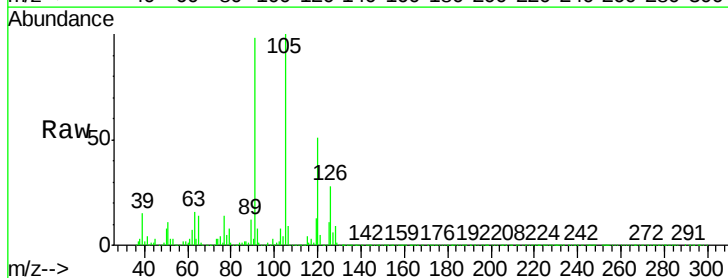
RT: 11.49 min Scan# 1740

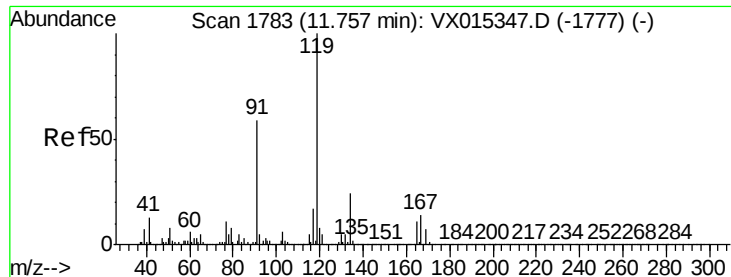
Delta R.T. -0.00 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Tgt Ion:	91	Resp:	911165
Ion	Ratio	Lower	Upper
91	100		
126	29.7	0.0	57.8





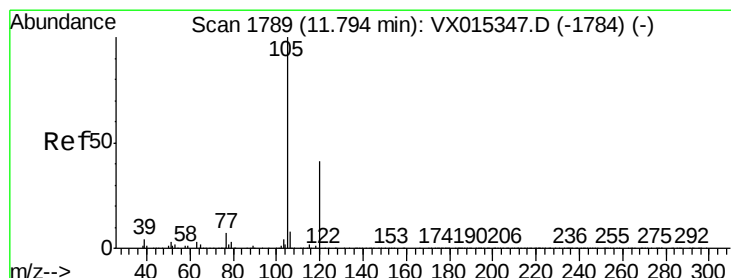
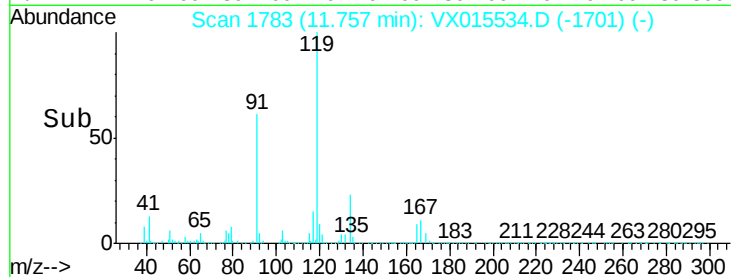
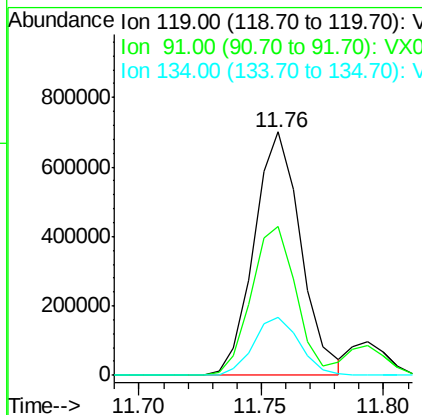
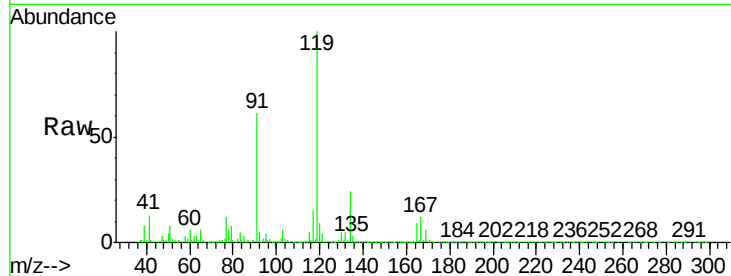
#79
tert-butylbenzene
Concen: 20.104 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	937404		
91	58.2	0.0	115.8	
134	23.3	0.0	47.0	

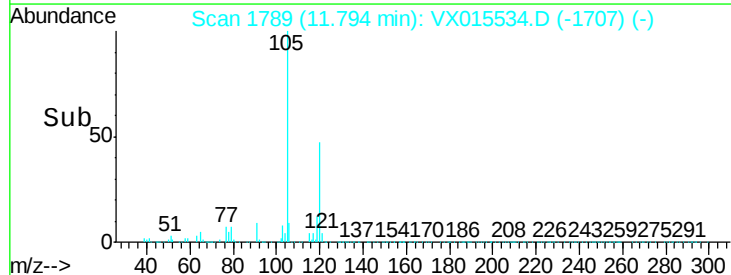
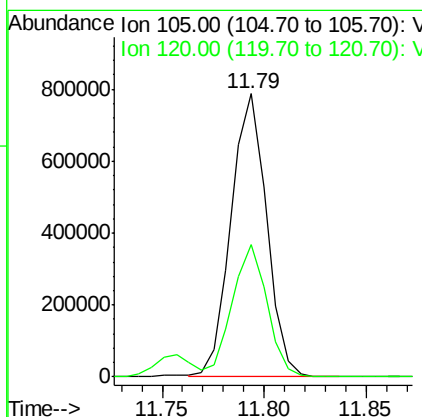
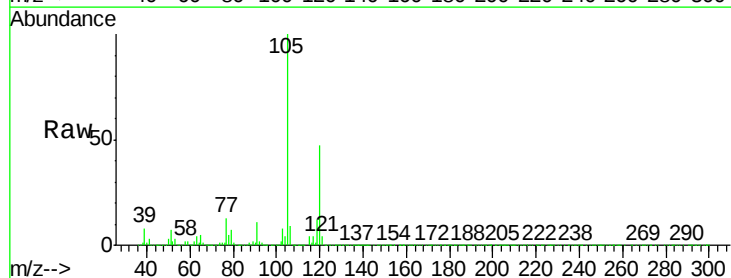
Manual Integrations
APPROVED

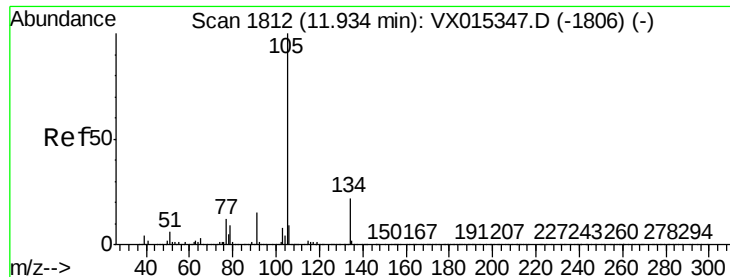
MMDadoda
4/8/2020 11:12:15 AM



#80
1,2,4-Trimethylbenzene
Concen: 20.054 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	947748		
120	46.0	0.0	91.0	





#81

sec-Butylbenzene

Concen: 20.421 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBSD01

Tot Ion:105 Resp: 1092266

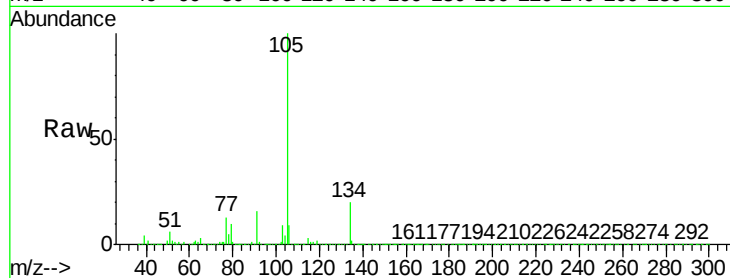
Ion Ratio Lower Upper

105 100

134 20.8 0.0 41.6

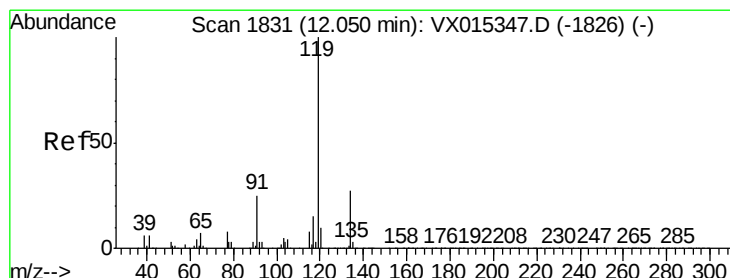
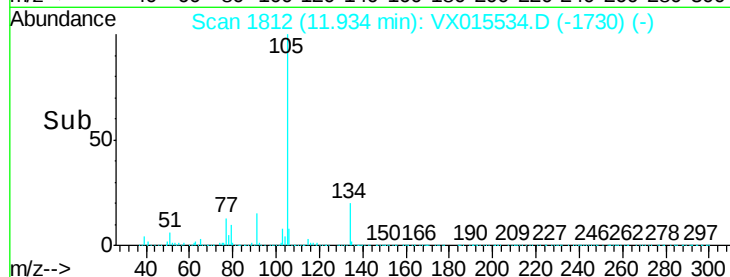
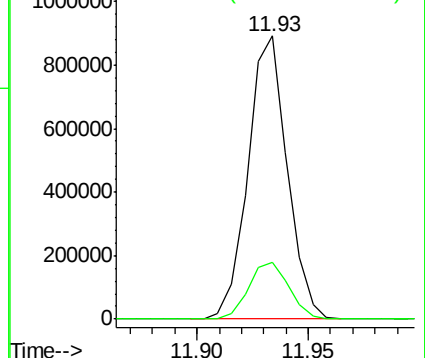
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 20.319 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015534.D

Acq: 07 Apr 2020 13:40

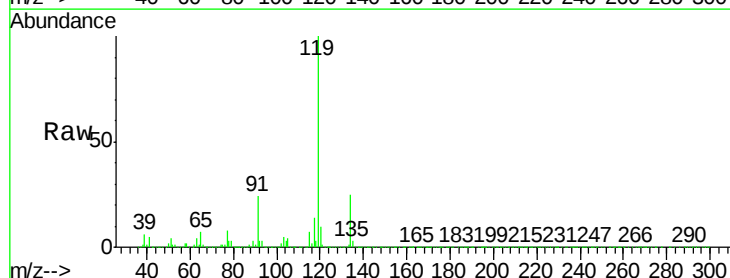
Tgt Ion:119 Resp: 1024336

Ion Ratio Lower Upper

119 100

134 25.7 0.0 53.2

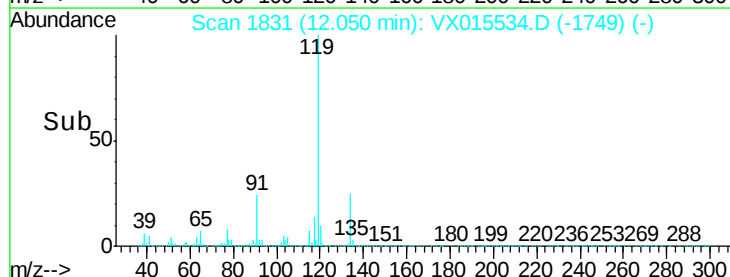
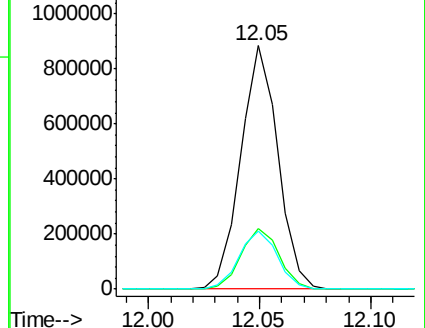
91 24.4 0.0 48.2

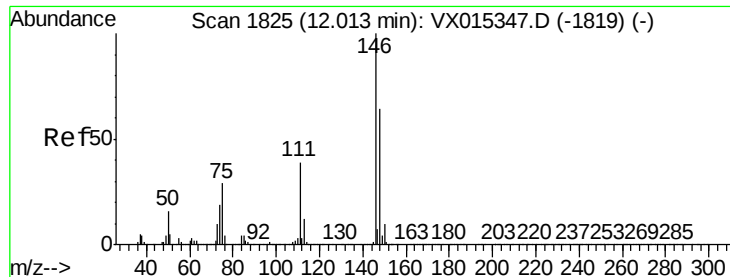


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





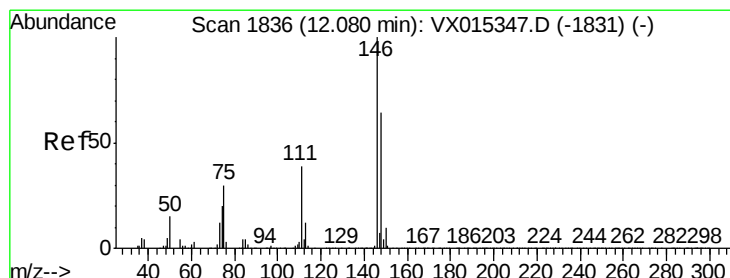
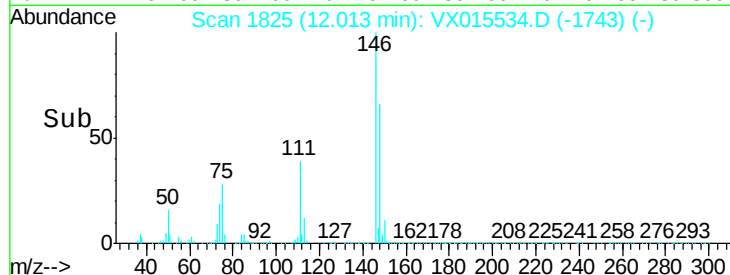
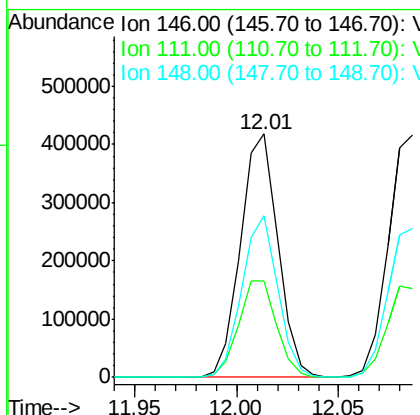
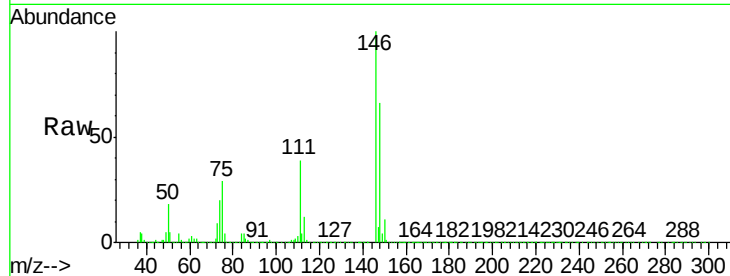
#83
 1,3-Dichlorobenzene
 Concen: 20.325 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015534.D
 Acq: 07 Apr 2020 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.1	60.2
148	63.6	31.4	94.2

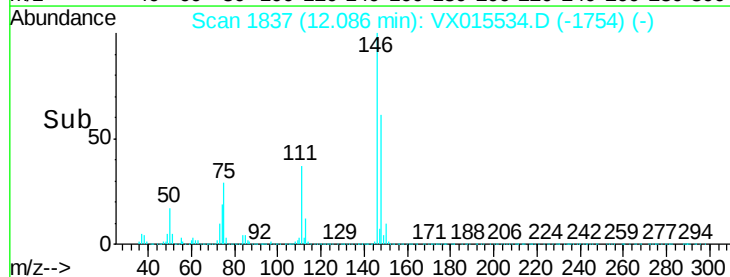
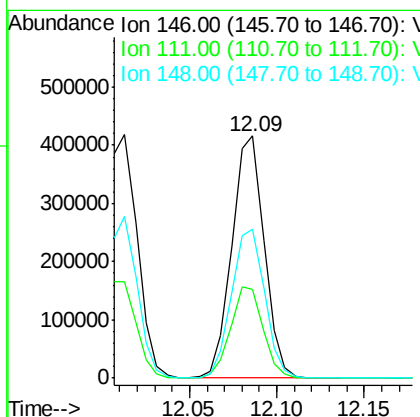
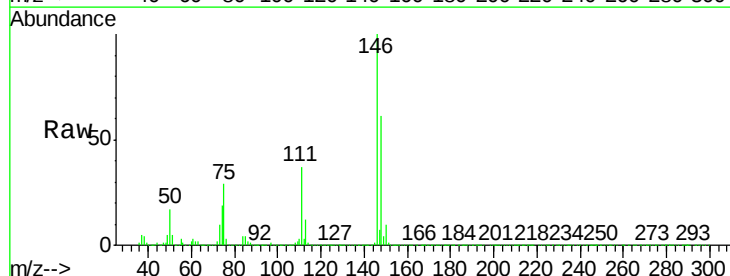
Manual Integrations
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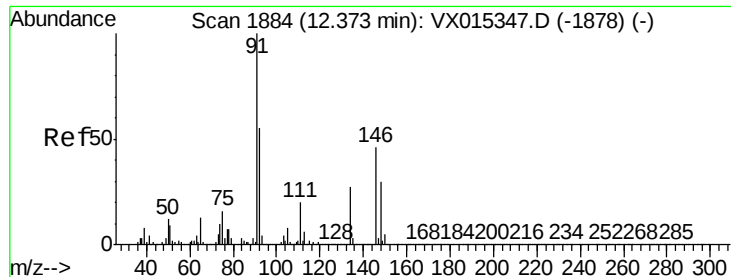
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#84
 1,4-Dichlorobenzene
 Concen: 20.478 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. 0.01 min
 Lab File: VX015534.D
 Acq: 07 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.9
148	63.3	31.4	94.3





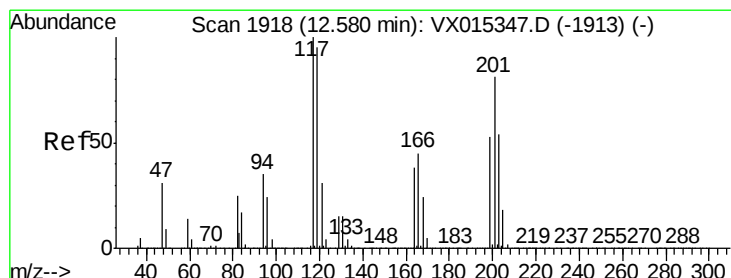
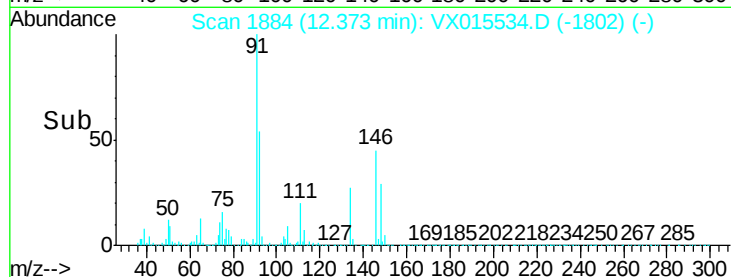
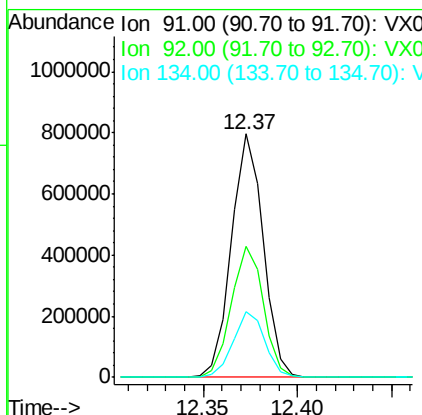
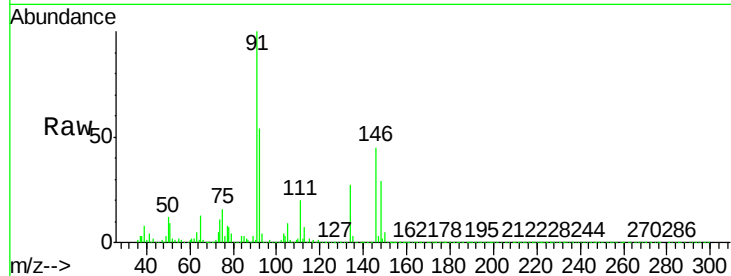
#85
n-Butylbenzene
Concen: 20.720 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

Instrument :
MSVOA_X
ClientSampleID :
VX0407WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	931043		
92	54.3	0.0	109.0	
134	26.8	0.0	54.0	

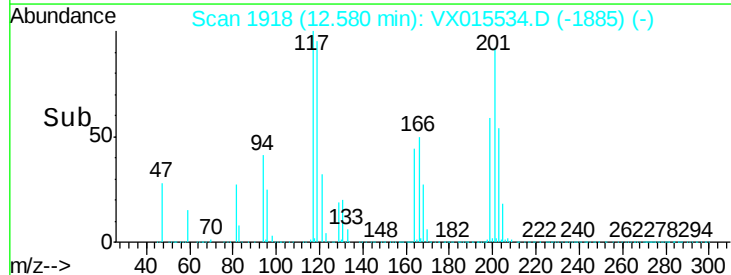
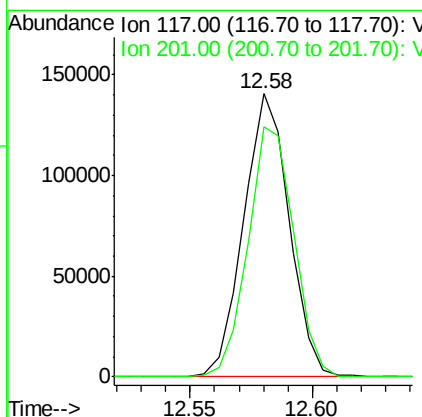
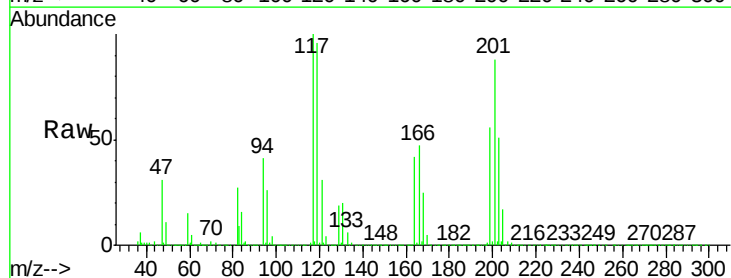
Manual Integrations
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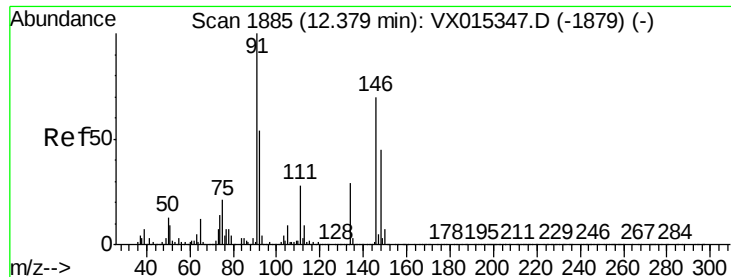
MMDadoda
4/8/2020 11:12:15 AM



#86
Hexachloroethane
Concen: 18.553 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	180771		
201	89.3	44.9	134.5	





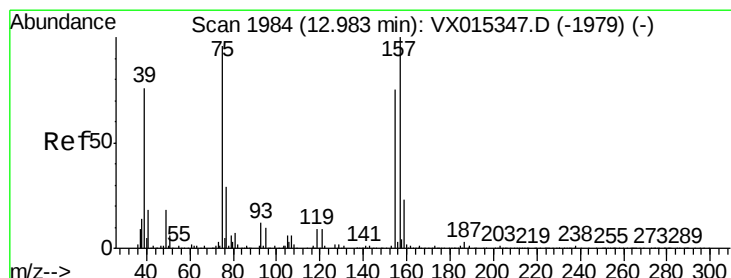
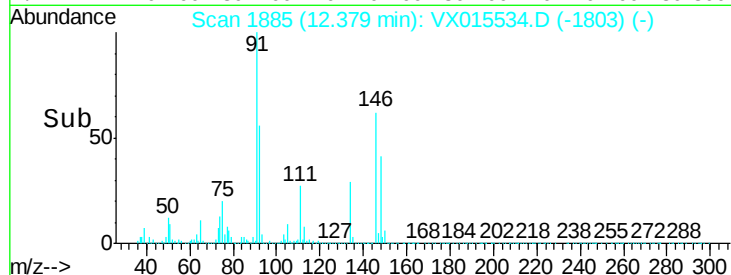
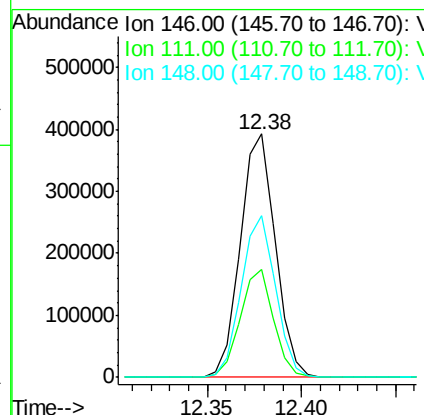
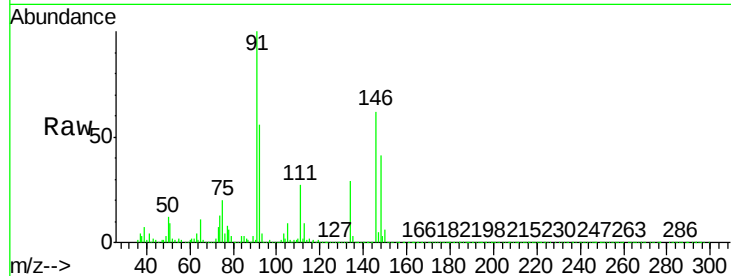
#87
 1,2-Dichlorobenzene
 Concen: 19.751 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015534.D
 Acq: 07 Apr 2020 13:40

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0407WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.4	61.2
148	65.2	31.9	95.9

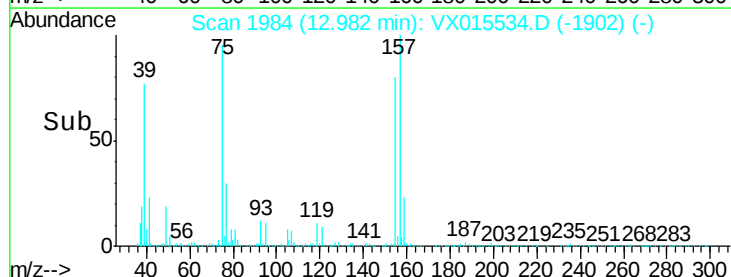
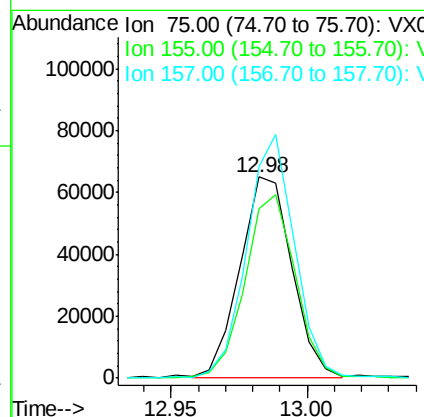
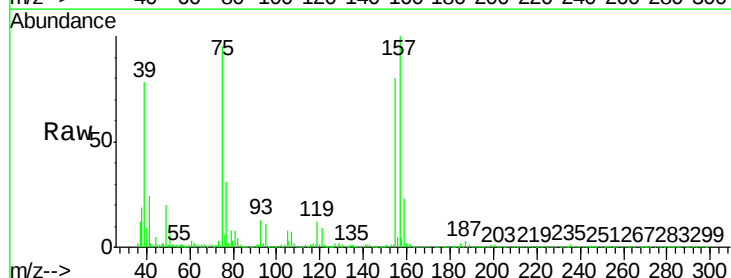
Manual Integrations
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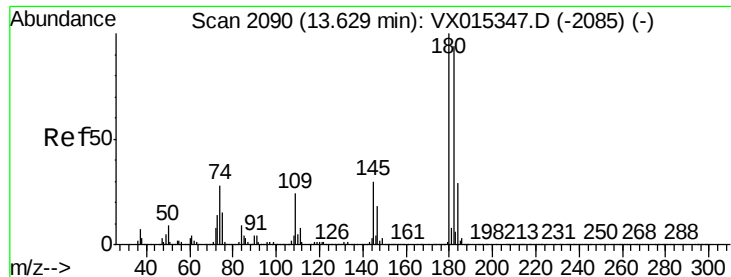
MMDadoda
 4/8/2020 11:12:15 AM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.381 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015534.D
 Acq: 07 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.7	67.7	101.5
157	111.2	88.5	132.7





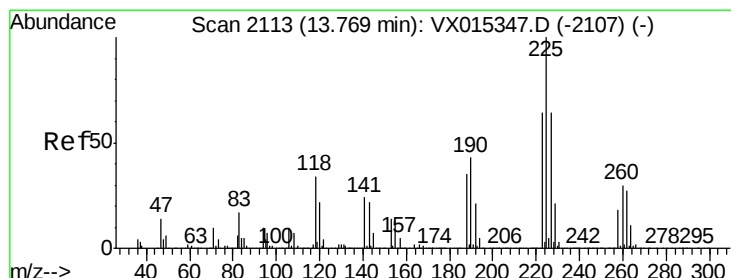
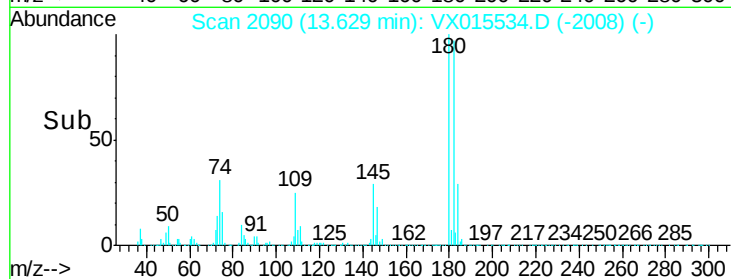
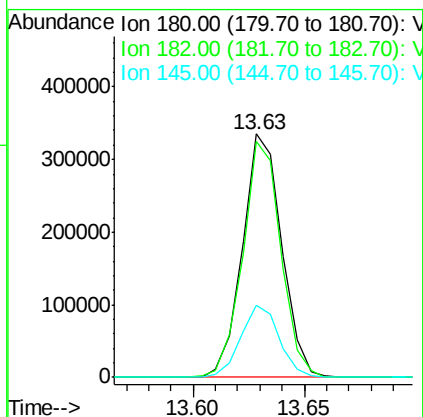
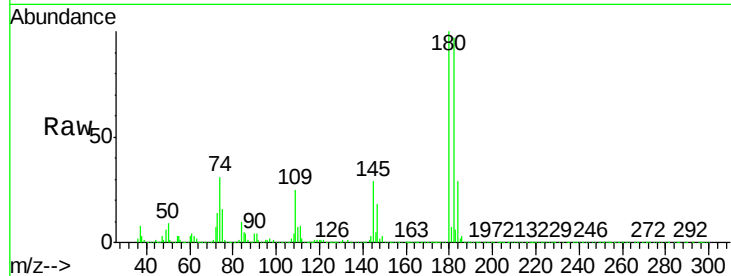
#89
 1,2,4-Trichlorobenzene
 Concen: 20.040 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015534.D
 Acq: 07 Apr 2020 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	413008		
182	93.8	76.9	115.3	
145	29.2	24.3	36.5	

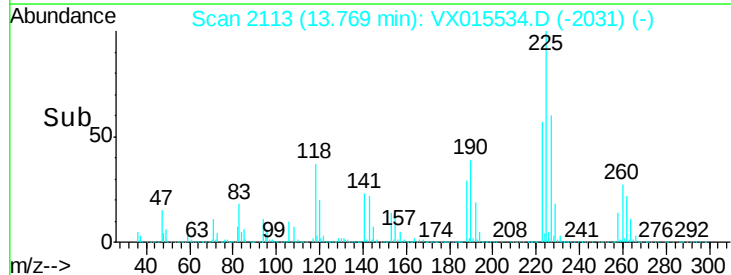
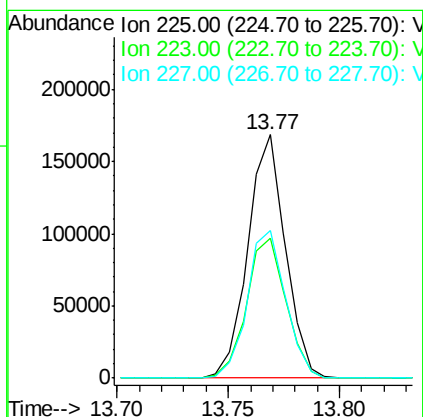
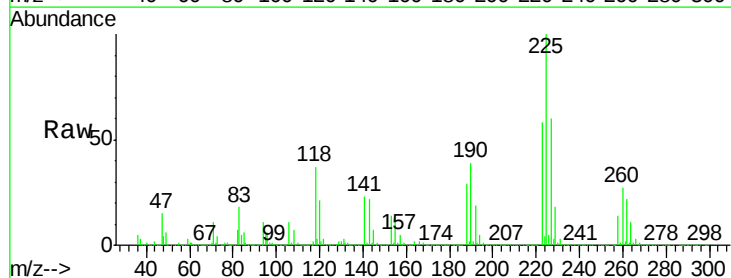
Manual Integrations
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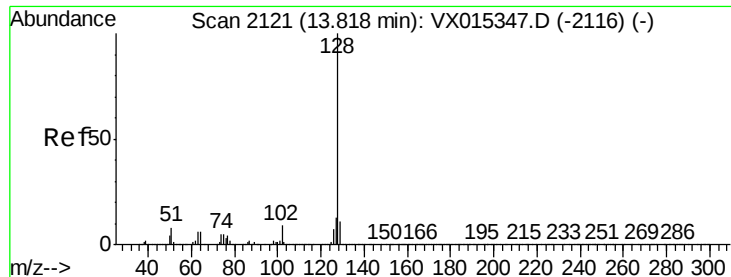
MMDadoda
 4/8/2020 11:12:15 AM



#90
 Hexachlorobutadiene
 Concen: 18.269 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015534.D
 Acq: 07 Apr 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	198343		
223	60.3	0.0	127.0	
227	61.9	0.0	126.8	





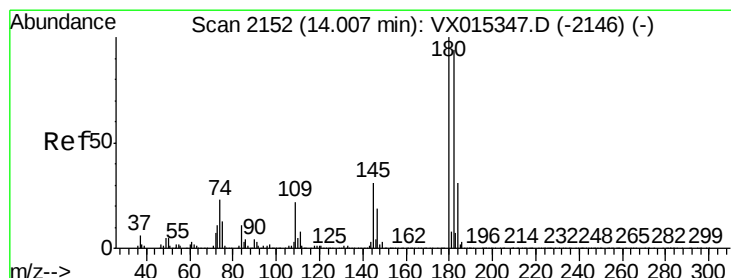
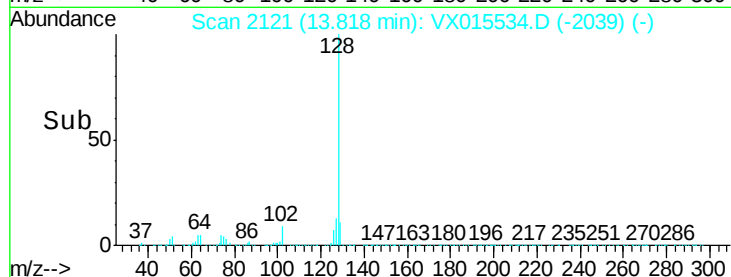
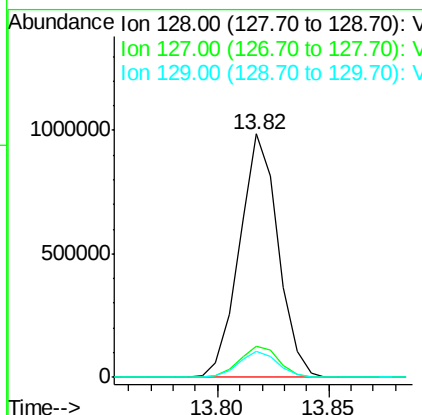
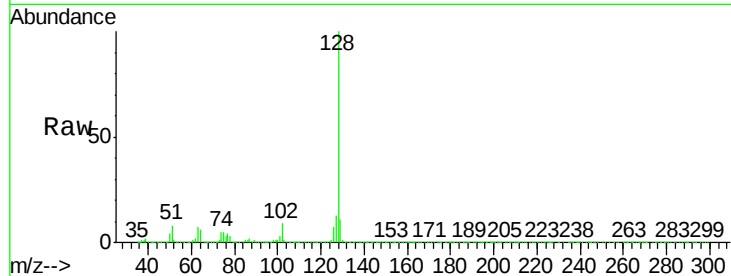
#91
Naphthalene
Concen: 20.006 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
4/8/2020 11:12:15 AM



#92
1,2,3-Trichlorobenzene
Concen: 19.334 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. -0.00 min
Lab File: VX015534.D
Acq: 07 Apr 2020 13:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	0.0	191.0
145	32.2	0.0	62.2

